

Item 17: KCT Signal Awareness Forms

KCT has designed 4 signal awareness forms that the conductor will have the option to fill out while operating over the KCT Trackage. The forms have been designed for your direction of travel. Including different routing options (i.e. Westbound train from Marceline Sub to Ft. Scott Sub or Eastbound train From Armourdale track 213 to River Sub via Low lines out of Indep. Ave).

All block signal names with the exception of CLEAR require the additional information of train speed, time by signal and name and aspect of signal. Should the conductor be unable to record a signal aspect due to other activities, this fact must be noted on the form, including the reason.

If you come across a Red Signal, Record the time that you stop your train, then when you get signal from the Dispatcher, mark an "X" for the appropriate signal and note the time you received the signal.

Where (LH) is used after a signal number in the signal number and Location column, indicates a Left Hand Signal.

Each Control Point is listed, then broken down by track, so if you are coming Westbound off the Marceline Sub over the Sheffield Flyover Main 2 (North Track) to go to Argentine Yard via Low lines out of Penn Ave, you would use the KCT **Westbound** Signal Awareness Form. You would actually start on page W-3 Indep. Ave (including from Congo), record signal indication out of Congo on M2 on line 24, your next signal is at Cleveland Ave and for this demonstration, lets say you crossed over to Main 3, the signal at Cleveland was on Main 2, so you would record you signal aspect on line 32, then on the Grand Ave chart, record intermediate signal (Bridge 16) on Main 3, line 36, next is absolute signal on Main 3 at Grand, line 39, cross over to Main 4, signal aspect just before Union Station, line 41, then on to Penn Ave chart, Main 4, line 44, then to BN Crossing, Main 4, line 50, and finally ATSF Jct, say you were routed to ATSF track 4, you would have connection track 926, line 56. If you were going on the Highline (UP) out of Penn Ave instead of to ATSF Jct, then you would skip BN Crossing and ATSF Jct and go to Highline Chart on page W-5. If you were going Skyway out of Penn Ave, then you would complete this form with the signal indication at Penn Ave, the next signal at CP27 is controlled by BNSF DS 3, so it is not on this form.

Here is an Example of a form. It is Eastbound and I am only showing 3 control points starting from Cleveland Ave, train is routed Main 2 East out of Cleveland crossing over at Indep. Ave to Main 3, over the Sheffield Flyover to Congo.

Cleveland Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
71	Cleveland	M2	12R - MP 4.143 (1001)	X	0837				X					0853	0-20	
72		M3	14R - MP 4.144 (1001)													
73		M4	16R - MP 4.144 (1001)													

Indep. Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
74	Indep. Ave	M4	Intermediate Signal MP 3.029 (1001)													
75		M2	2R - MP 2.907 (1001)									X				
76		M3	4R - MP 2.906 (1001)													

On Sheffield Flyover

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
77	Congo	M2	Intermediate Signal MP 0.948 (1001)													
78		M3	Intermediate Signal MP 0.949 (1001)										X			
79		M2	EBCS Congo - MP 0.0 (Controlled by Marc DS)													
80		M3	EBCS Congo - MP 0.0 (Controlled by Marc DS)							X					0906	30

KCT Eastbound Signal Awareness

Date: _____ Engineer: _____

Train Symbol: _____ Conductor: _____

On Highline

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
1	Mill St	74	12L - MP 9.529 (3001)															
2		75	14LA - MP 9.529 (3001)															
3		213	14LB - MP 9.529 (3001)															
4	7th St	75	2L - MP 9.202 (3001)															
5		214	4L - MP 9.202 (3001)															
6	High line	74	52LC - MP 8.634 (3001)															
7		76	52LA - MP 8.662 (3001)															
8	State	74	70L - MP 7.955 (3001)															
9		75	68L - MP 7.955 (3001)															

Towards Fort Scott Sub

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
10	30	295	4WB - MP 0.380 (5001)														

Out of Mill St. Yard or Armourdale Yard (via Low lines)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
11	Adams St	M3	22R - MP 8.545 (1001)															
12		362	10R - MP 8.546 (1001)															
13		NM	2R - MP 8.675X (1001)															
14		MM	4R - MP 8.675X (1001)															
15		M3	32R - MP 8.392 (1001)															
16		M4	34R - MP 8.394 (1001)															
17		354	40R - MP 8.409 (7001)															

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

From Gooseneck / Incline

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
18	Old Union Depot	80	224 - MP 10.105 (4001)														
19		81	226 - MP 10.105 (4001)														
20		79	222 - MP 9.952 (4001)														
21		1306	50B - MP 9.447 (4001)														
22		79	50A - MP 9.474 (4001)														
23		80	46 - MP 9.474 (4001)														
24		81	48 - MP 9.475 (4001)														
25		82	62 - MP 9.475 (4001)														
26		79	14 - MP 9.164 (4001)														
27		80	16 - MP 9.165 (4001)														
28		81	18 - MP 9.166 (4001)														
29		North Chicago Jct	803	202B - MP 8.539 (4001)													
30	79		202A - MP 8.539 (4001)														
31	80		196 - MP 8.539 (4001)														
32	81		194A - MP 8.539 (4001)														
33	82		194B - MP 8.515 (4001)														

From Mill St. Yard / Armourdale Yard

34	NCJ	M3	94 - MP 8.225 (1001)													
35		M4	92 - MP 8.223 (1001)													
36	BN Xing	M3	58LB - MP 8.031 (1001)													
37		M4	54LB - MP 8.030 (1001)													

From Argentine Yard

38	ATSF Jct	AT4	30E - MP 7.690 (4001)													
39		AT3	18 - MP 7.500 (4001)													
40		AT2	14 - MP 7.500 (4001)													
41	BN Xing	926	54LA - MP 8.030 (1001)													
42		924	52L - MP 8.030 (1001)													

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

Towards Fort Scott Sub

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
43	30th St	BN1	2W - MP 0.444 (5001)														
44		BN2	4WA (LH) - MP 0.449 (5001)														

BN Crossing

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
45	BN Xing	M3	40L - MP 7.729 (1001)														
46		M4	50L - MP 7.760 (1001)														
47		293	60L - MP 7.579 (1001)														

Penn Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
48	Penn Ave	M2	198EA - MP 7.374 (2001)														
49		M1	82 - MP 7.376 (2001)														
50		70	198EB - MP 7.397 (6001)														
51		M3	8A - MP 7.360 (1001)														
52		M4	10 - MP 7.361 (1001)														
53		74	6 - MP 7.361 (3001)														
54		75	8B - MP 7.360 (3001)														
55		M4	192E - MP 7.019 (1001)														

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

Grand Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
56	Grand Ave	29	62RB - MP 6.525 (1001)															
57		30	62RC - MP 6.526 (1001)															
58		M2	86RA - MP 6.582 (1001)															
59		M3	84R (LH) - MP 6.581 (1001)															
60		M4	62RA - 6.580 (1001)															
61		280	86RB - MP 6.519 (1001)															
62		M2	Intermediate Signal 216 - MP 5.132 (1001)															
63		M3	Intermediate Signal 316 - MP 5.132 (1001)															
64		M4	Intermediate Signal 316 - MP 5.132 (1001)															

Cleveland Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
65	Cleveland	M2	12R - MP 4.143 (1001)														
66		M3	14R - MP 4.144 (1001)														
67		M4	16R - MP 4.144 (1001)														

Indep. Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
68	Indep. Ave	M4	Intermediate Signal MP 3.029 (1001)														
69		M2	2R - MP 2.907 (1001)														
70		M3	4R - MP 2.907 (1001)														

Over Sheffield Flyover

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
71	Congo	M2	Intermediate Signal MP 0.949 (1001)															
72		M3	Intermediate Signal MP 0.949 (1001)															
73		M2	EBCS Congo - MP 0.0 (Controlled by Marc DS)															
74		M3	EBCS Congo - MP 0.0 (Controlled by Marc DS)															

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

Sheffield (via Low lines) / UPRR Interlocking

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
75	Sheffield	M1	18R (LH) - MP 2.219 (1001)														
76		M4	20R - MP 2.219 (1001)														
77	UPRR	M1	72R (LH) - MP 1.963 (1001)														
78		M4	74R - MP 1.963 (1001)														

KCS / KCS North (KCSN) / KCS South (KCSS)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
79	KCS	M1	94R (LH) - MP 1.724 (1001)														
80		M4	92R - MP 1.724 (1001)														
81	KCSS	223	98RB - MP 1.518 (1001)														

Rock Creek Jct / Rock Creek KCT (RCK)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
82	Rock Creek KCT	M1	38RA - MP 1.145 (1001)														
83		M4	38RC - MP 1.145 (1001)														
84		408	34R - MP 1.113 (1001)														
85	RC Jct	M1	56R - MP 0.917 (1001)														
86		SJ	54R - UP MP 277.131 (UP)														
87	Con	River	EBCS Congo - MP 0.0 (Controlled by Marc DS)														

Towards Knoche Yard / Airline Jct

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
88	KCS	222	84LB - MP 1.514 (1001)														
89	SW	KCS	133LA - KCS MP 5.660														
90	Air	KCS	22R - KCS MP 5.410														
91	WW	KCS	36LB - KCS 5.170														

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

KCT Westbound Signal Awareness

Date: _____

Engineer: _____

Train Symbol: _____

Conductor: _____

Rock Creek Jct / Rock Creek KCT (RCK)

Line No.	CP	Trk	Signal Number, MP Location, and (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
1	RC Jct	River	Off Marceline Sub 50L - MP 0.502 (1001)															
2		UP1	Off Sedalia Sub 52L - UP MP 276.700															
3		UP2	Off Sedalia Sub 56LA - UP MP 276.700															
4		KCS	Off KCS Main 56LB - UP MP 276.773															
5	RCK	M1	38L - MP 1.002 (1001)															

From Airline Jct / Knoche Yard

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
6	WW	902	36RB - KCS MP 4.98															
7		901	36RC - KCS 4.98															
8		NM	36RA - KCS 4.98															
9	Airline Jct	KCS	24LB - KCS 5.28															
10		DB1	22LB - KCS MP 5.30X															
11		DB2	22LA - KCS MP 5.30X															
12		Work Lead	24LA - KCS MP 5.30															
13	MOP	KCS	12R - KCS MP 5.41															
14	KCS	KCS	84R - KCS MP 5.94															
15	KCS	222	94L - KCT MP 1.634															

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

KCS / KCS North (KCSN) / KCS South (KCSS)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
5	KCS	M1	102LA - MP 1.472 (1001)													
6		M4	100LA - MP 1.472 (1001)													
7		408	100LB - MP 1.517 (1001)													
8		450	102LB - MP 1.511 (1001)													
9	KCSS	KCS	N/B from Blue Valley 98L - KCS Main MP 6.25													
10	KCS	223	88LA - MP 1.604 (1001)													
11		225	88LB - MP 1.625 (1001)													
12	KCSN	KCS	S/B from Airline Jct 84R - KCS Main MP 5.94													
13	KCS	222	94L - MP 1.634 (1001)													

UPRR Interlocking / Sheffield

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
14	UPRR Interlocking	M1	72L - MP 1.792 (1001)														
15		M4	74L (LH) - MP 1.792 (1001)														
16		UP2	Northbound 70L - UP MP 280.625														
17		UP1	Northbound 68L - UP MP 280.626														
18	Sheffield	M1	18LA - MP 1.963 (1001)														
19		M4	20LA - MP 1.963 (1001)														
20		238	18LB - MP 2.004 (1001)														
21		243	20LB - MP 1.986 (1001)														
22		90	18LC - MP 2.056 (1001)														

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

Indep. Ave (Including From Congo)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.			
23	Indep. Ave	M2	WBCS Congo - MP 0.0 (Controlled by Marc DS)																
24		M3	WBCS Congo - MP 0.0 (Controlled by Marc DS)																
25		M2	Intermediate Signal MP 0.948 (1001)																
26		M3	Intermediate Signal MP 0.949 (1001)																
27		M1	4LB - MP 2.526 (1001)																
28		M2	2L - MP 2.526 (1001)																
29		M3	4LA - MP 2.526 (1001)																
30		M4	Intermediate Signal MP 3.029 (1001)																

Cleveland

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
31	Cleveland	M2	12L - MP 3.792 (1001)															
32		M3	14L - MP 3.792 (1001)															
33		M4	16L - MP 3.792 (1001)															

Grand Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.			
34	Grand Ave	M2	Intermediate Signal MP 5.132 (1001)																
35		M3	Intermediate Signal MP 5.132 (1001)																
36		M4	Intermediate Signal MP 5.132 (1001)																
37		M2	86L - MP 6.003 (1001)																
38		M3	84L - MP 6.002 (1001)																
39		M4	82L (LH) - MP 6.002 (1001)																
40		M4	62L (LH) - MP 6.400 (1001)																

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

Penn Ave

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
41	Penn Ave	M2	198WA - MP 6.773 (1001)														
42		M3	160 - MP 6.773 (1001)														
43		M4	192WA (LH) - MP 6.772 (1001)														
44		280	198WB - MP 6.863 (1001)														
45		29	238WA - MP 6.870 (1001)														
46		30	238WC - MP 6.870 (1001)														
47		28	238WB - MP 6.890 (1001)														
48		29	192WB - MP 6.951 (1001)														

BN Crossing

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
49	BN Xing	M4	60R - MP 7.479 (1001)													
50		M3	40R - MP 7.545 (1001)													

Towards Ft. Scott Sub

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
51	BN	293	14L - MP 0.332 (5001)													
52	30t	BN1	4WA - MP 0.449 (5001)													

ATSF Jct / North Chicago Jct

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
53	ATSF Jct	924	26 - MP 8.030 (1001)													
54		926	30WA - MP 8.030 (1001)													
55	NCJ	M3	74 - MP 8.030 (1001)													
56		M4	72 - MP 8.031 (1001)													
57		M3	86A - MP 8.167 (1001)													
58		M4	84A - MP 8.180 (1001)													

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

To Mill St Yard & Armourdale Yard (via Low lines)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
59	Adams	M3	32L - MP 8.261 (1001)														
60		M4	34L - MP 8.263 (1001)														
61		214	4R - MP 9.146 (3001)														

Over Highline

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
62	State	74	70R - MP 7.601 (3001)														
63		75	68RA - MP 7.601 (3001)														
64		295	68RD - MP 7.640 (3001)														
65	High	74	54R - MP 8.503 (3001)														
66		75	2RA - MP 9.051 (3001)														
67	7th	391	2RB - MP 9.047 (3001)														
68	Mill	74	12R - MP 9.346 (3001)														
69		75	14R - MP 9.142 (3001)														

Over Bluff

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
70	OUD	70	168A - MP 9.179 (4001)														
71		80	200 - MP 9.862 (4001)														

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

To Gooseneck / Incline

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
76	North Chicago Jct	81	140A - MP 8.077 (4001)													
77		79	206 - MP 8.539 (4001)													
78		80	198 - MP 8.539 (4001)													
79		81	200 - MP 8.539 (4001)													
80	Old Union Depot	79	26A - MP 9.164 (4001)													
81		80	28 - MP 9.165 (4001)													
82		81	30 - MP 9.166 (4001)													
83		82	32 - MP 9.166 (4001)													
84		803	26B - MP 9.337 (4001)													
85		81	166A - MP 9.628 (4001)													
86		82	166B - MP 9.628 (4001)													
87		80	178 - MP 9.716 (4001)													
88		79	180 - MP 9.760 (4001)													
89		80	200 - MP 9.862 (4001)													

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

KCT Northbound Signal Awareness

Date: _____

Engineer: _____

Train Symbol: _____

Conductor: _____

From Mill St Yard / Armourdale Yard towards Gooseneck/Incline

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
1	Adams St	M3	22R - MP 8.545 (1001)														
2		362	10R - MP 8.546 (1001)														
3		NM	2R - MP 8.675X (1001)														
4		MM	4R - MP 8.675X (1001)														
5		354	40R - MP 8.409 (7001)														
6		M3	32R - MP 8.392 (1001)														
7		M4	34R - MP 8.394 (1001)														
8	NCJ	M3	94 - MP 8.225 (1001)														
9		M4	92 - MP 8.223 (1001)														

ATSF Jct / North Chicago Jct

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
10	ATSF Jct	AT2	14 - MP 7.500 (4001)													
11		AT3	18 - MP 7.500 (4001)													
12		AT4	30E - MP 7.690 (4001)													
13	North Chicago Jct	AT5	76 - MP 7.760 (4001)													
14		2088	22 - MP 7.893 (4001)													
15		2088	140B - MP 8.068 (4001)													
16		81	140A - MP 8.077 (4001)													
17		2089	124B - MP 8.117 (4001)													
18		330	124A - MP 8.129 (4001)													
19		79	122 - MP 8.129 (4001)													
20		2087	192 - MP 8.120 (4001)													
21		79	206 - MP 8.539 (4001)													
22		80	198 - MP 8.539 (4001)													
23		81	200 - MP 8.539 (4001)													

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

From Ft. Scott Sub

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
24	30th St	BN1	2E (LH) - MP 0.850 (5001)													
25		BN2	4EA - MP 0.850 (5001)													
26	BN Crossing	BN1	26R (LH) - MP 0.444 (5001)													
27		BN2	14R - MP 0.449 (5001)													
28		BN1	24R - MP 0.273 (5001)													
29		BN2	18R - MP 0.279 (5001)													

Old Union Depot

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.
30	Old Union Depot	79	26A - MP 9.164 (4001)													
31		80	28 - MP 9.165 (4001)													
32		81	30 - MP 9.166 (4001)													
33		82	32 - MP 9.166 (4001)													
34		803	26B - MP 9.337 (4001)													
35		2075	168C - MP 9.384 (4001)													
36		82	166B - MP 9.628 (4001)													
37		81	166A - MP 9.628 (4001)													
38		70	168A - MP 9.142 (4001)													
39		2071	168B - MP 9.384 (4001)													
40		80	178 - MP 9.716 (4001)													
41		79	180 - MP 9.760 (4001)													
42		1401	176 - MP 9.849 (4001)													
43		80	200 - MP 9.862 (4001)													

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

KCT Southbound Signal Awareness

Date: _____

Engineer: _____

Train Symbol: _____

Conductor: _____

Old Union Depot

Line No.	CP	Trk	Signal Number, MP Location, and (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.			
1	Old Union Depot	80	224 - MP 10.105 (4001)																
2		81	226 - MP 10.105 (4001)																
3		79	222 - MP 9.952 (4001)																
4		1306	50B - MP 9.447 (4001)																
5		79	50A - MP 9.474 (4001)																
6		80	46 - MP 9.474 (4001)																
7		81	48 - MP 9.475 (4001)																
8		82	62 - MP 9.475 (4001)																
9		79	14 - MP 9.164 (4001)																
10		80	16 - MP 9.165 (4001)																
11		81	18 - MP 9.166 (4001)																

To Ft. Scott Sub

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
12	BN	BN1	24LA - MP 0.151 (5001)															
13		BN2	18L - MP 0.198 (5001)															
14		5800	24LB - MP 0.151 (5001)															
15	30th	BN1	2W - MP 0.444 (5001)															
16		BN2	4WA (LH) - MP 0.449 (5001)															

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.

ATSF Jct / North Chicago Jct

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.		
17	North Chicago Jct	803	202B - MP 8.539 (4001)															
18		79	202A - MP 8.539 (4001)															
19		80	196 - MP 8.539 (4001)															
20		81	194A - MP 8.539 (4001)															
21		82	194B - MP 8.515 (4001)															
22		79	174 - MP 8.262 (4001)															
23		2088	58 - MP 8.002 (4001)															
24		2089	56 - MP 8.023 (4001)															
25	ATS	2088	30WB - MP 7.830 (4001)															
26	NCJ	330	84B - MP 8.014 (1001)															
27		79	86B - MP 8.018 (1001)															

To Mill St Yard & Armourdale Yard (via Low lines)

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
28	Adams	M3	32L - MP 8.261 (1001)														
29		M4	34L - MP 8.263 (1001)														
30		214	4R - MP 9.146 (3001)														

From Airline Jct / Knoche Yard Straight South on KCS

Line No.	CP	Trk	Signal Number and MP Location (Line Segment)	Stop	Time	Stop & Pro	Restrict	Div APP	App	App Div	APP Med	Div Clear	Clear	Time	Speed	Flag / DS Int.	
31	West Wye	902	36RB - KCS MP 4.98														
32		901	36RC - KCS 4.98														
33		NM	36RA - KCS 4.98														
34	Airline Jct	KCS	24LB - KCS 5.28														
35		DB1	22LB - KCS MP 5.30X														
36		DB2	22LA - KCS MP 5.30X														
37		Work Lead	24LA - KCS MP 5.30														
38	KCSN SW	KCS	12R - KCS MP 5.41														
39	KCSN	KCS	84R - KCS MP 5.94														
40	KCS	KCS	2S - KCS MP 6.098 (KCS)														
41	KCSS	KCS	98RA - KCS MP 6.203 (KCS)														

Place an "X" in the appropriate column and row for the signal aspect you are moving on. If the signal is less favorable than a Clear, record your train speed as you go by signal and note the time. If you have to stop your train due to a red signal, place an "X" in the stop column, note the time in the adjacent column, then when you receive a proceed indication, place an "X" in the appropriate column and note the time the signal was received.