Loop

1) Kill Loop   (3 bulbs)   Gr/wh   ✓
2) TOL Loop   (2 bulbs)   wh/Gr   ✓
3) 12 Volts

E. Trent

1) #1 Norm E. Trent	Ye/Or ✓	
2) #1 Rev E. Trent	Or/Ye ✓	
3) #3 Norm E. Trent	Gray/Ye ✓	
4) #3 Rev E. Trent	Ye/Gray ✓	
5) #5 Norm E. Trent	Ye/Blu ✓	
6) #5 Rev E. Trent	Blu/Ye ✓	
7) #7 Norm Traffic E. Trent Loop	Wh/Brn ✓	
8) #7 Rev Traffic E. Trent Loop	Br/Wh ✓	
9) Kill w/B Trenton Sta.	Gray/Rd ✓	
10) Kill Center Trenton Sta.	Red/Gray ✓	
11) Kill E/B Trenton Sta.	Or/Rd ✓	
12) Kill Stub Trenton Sta.	Rd/Gr ✓ Jumper	
13) Kill Run Around Trenton Sta.	Or/Pur ✓ Jumper	
14) TOL w/B E. Trent Int.	Pur/Or ✓	
15) TOL Center E. Trent Int	Or/wh ✓	
16) TOL E/B E. Trent Int. (2 bulbs)	wh/or ✓	
17) TOL w/B Trenton Sta.	Pur/Br ✓	
18) TOL Center Trenton Sta.	Br/Pur ✓	
19) TOL E/B Trenton Sta.	wh/Bl ✓	
20) TOL Stub Trenton Sta.	Bl/wh ✓ Jumper	
21) TOL Run Around Trenton Sta.	Blk/Br ✓ Jumper	
22) 2W Signal E. Trent	Brw/Blk ✓	
23) 2E Signal E. Trent	Gry/Blk ✓	
24) 4W Signal E. Trent	Blk/Gry ✓	

E, Trent (Cont)

25)	4E Signal E. Trent	Rd/Blu ✓
26)	6W Signal E. Trent	Blu/Rd ✓
27)	6E Signal E. Trent	Gry/wht ✓
28)	6Ea Signal E. Trent	wht/Gry ✓
29)	CP Light #30 E. Trent	Gur/Blu ✓
30)	12 Volts	

W. Trent and Trent

1)	#1 Norm Trent (2 bulbs)	Or/Rd ✓
2)	#1 Rev Trent	Rd/Or ✓
3)	#3 Norm Trent	Grn/Pur ✓
4)	#3 Rev Trent	Pur/Grn ✓
5)	#1 Norm W. Trent	Or/Blk ✓
6)	#1 Rev W. Trent	Blk/Or ✓
7)	#3 Norm W. Trent (2 bulbs)	Gry/Pur ✓
8)	#3 Rev W. Trent	Pur/Gry ✓
9)	#5 Norm W. Trent	Yl/Brn ✓
10)	#5 Rev W. Trent	Brn/Yl ✓
11)	#9 Norm W. Trent	Yl/Grn ✓
12)	#9 Rev W. Trent	Grn/Yl ✓
13)	#7 Rev. W. Trent Lock	Brn/Rd ✓
14)	#7 ~~Rev~~ W. Trent Lock	Rd/Brn ✓
15)	Kill w/B Trent to W. Trent	Blu/Blk ✓
16)	Kill E/B Trent to W. Trent	Blk/Blu ✓
17)	Kill Stub Trenton Sta.	None ᴿᵉᵈ Jumper
18)	Kill Run Around Trenton Sta	None ᴿᵉᵈ Jumper
30)	2W Trent	Gry/Pur ✓
31)	2E Trent	Pur/Gray ✓
32)	4W Trent	Grn/Yellow ✓
33)	4E Trent	Yl/Green ✓
34)	6W Trent	Rd/Green ✓
35)	2W W. Trent	Green/Red ✓

W. Trent to Trent cont.

36) 2E W. Trent	Or/Rd ✓
37) 4W W. Trent	Rd/Or ✓
38) 4E W. Trent	Grn/white ✓
39) 6W W. Trent	white/Grn ✓
40) 8W W. Trent	Or/white ✓
41) 8Wa W. Trent	white/Or ✓
19) TOL W/B Trent Int	(End Cable #1) Blu/Pur ✓
20) TOL Center Trent Int #1 Switch	(Begin Cable #2) Gray/Blk ✓
21) TOL E/B Trent Int #3 Switch	Blk/Gry ✓
22) TOL W/B Trent to W. Trent	Blu/Blk ✓
23) TOL E/B Trent to W. Trent	Blk/Blu ✓
24) TOL W/B W. Trent Int (2 bulbs)	Grn/Blk ✓
25) TOL E/B W. Trent Int #3 Switch	Blk/Green ✓
26) TOL E/B W. Trent Int Dimond (2 bulbs)	Brn/Blk ✓
27) TOL W. Trent Int #9 Switch	Blk/Brn ✓
28) TOL Stub Trenton Sta.	None (Jumper) Red
29) TOL Run Around Trenton Sta	None (Jumper) Red
42) CP Light Trent	Yl/Blue ✓
43) CP Light W. Trent	Blue/Yl ✓
44) 12 Volt	
Spare	Green/Black Cable #1
Spare	Black/Green Cable #1

Street	
1) #1 Norm street	Orange/Black (Cable 4 orange rap) ✓
2) #1 Rev street	Black/Orange ✓
3) Kill W/B. w/Trent to street	white/Brown ✓
4) Kill E/B w/Trent to street	Brown/white ✓
5) Kill street to mill	Gray/Purple ✓
6) TOL W/B w/Trent to Auto	Purple/Gray ✓
7) TOL W/B Auto to street	Yellow/Green ✓
8) TOL E/B w/Trent to Auto	Green/Yellow ✓
9) TOL E/B Auto to street	Blue/Black ✓
10) TOL street Int	Black/Blue ✓
11) TOL street to mill	Red (Jumper)
12) 2W street	Brown/Red ✓
13) 2Wa street	Red/Brown ✓
14) 2E street	white/Gray ✓
15) CP Light street	Gray/white ✓
16) 12 Volt	

Mill and Barn

		(Cable #2)
1)	#1 Norm Mill (2 bulbs)	Red/Gray ✓
2)	#1 Rev Mill	Gray/Red ✓
3)	#1 Norm Barn	Blk/Orange ✓
4)	#1 Rev Barn	Orange/Black ✓
5)	Wire Supply Rev	Red/Brown ✓
6)	#1 Lock Mill	Brown/Red ✓
7)	#1 Lock Barn	Yellow/Brown ✓
8)	Wire Supply Lock	Brown/Yellow ✓
9)	Kill Main Mill to Barn	Brown/Purple ✓
10)	Kill Sdy Mill to Barn	Purple/Brown ✓
11)	Kill Int Barn	White/Blue ✓
12)	TOL Street to Mill	Blue/White ✓ (Jumper)
13)	TOL Main Mill Int	Purple/Blue ✓
14)	TOL Sdy Mill Int	Blue/Purple ✓
15)	TOL Main Mill to Barn	Red/Blue ✓
16)	TOL Sdy Mill to Barn	Blue/Red ✓
17)	TOL Barn Int	Yellow/Orange ✓
18)	TOL Feed Mill Spur	Orange/Yellow ✓
19)	2W Mill	Orange/Purple ✓
20)	2E Mill	Purple/Orange ✓
21)	4W Mill	White/Brown ✓
22)	4E Mill	Brown/White ✓
23)	2W Barn	Green/Purple ✓
24)	2Wa Barn	Purple/Green ✓

mill and Barn (cont)

25) 2E Barn	Gray/Yellow ✓	
26) CP Light mill	Yellow/Gray ✓	
27) CP Light Barn	Gray/white ✓	
28) 12 volt		
29) Street to Mill Kill	white Gray	
30 Jumber Kill Street tan Mill		

Barn to Allen

1)	#1 Allen Norm (2 bulbs)	white/Orange ✓ (Cable 3)
2)	#1 Allen Rev	Orange/white ✓
3)	Kill Allen Int. 6W to 2W	Black/Green ✓
4)	TOL Barn Int 4E to 2E	Green/Black ✓
5)	TOL Approach to Barn	Black/Brown ✓
6)	TOL Approach to Allen	Brown/Black ✓
7)	TOL Allen Int 6W to 2W	Blue/Black ✓
8)	TOL W/B Allen Int.	Black/Blue ✓
9)	TOL E/B Allen Int	Red/Green ✓
10)	TOL Creamery Load	Green/Red ✓
11)	RI Signal Barn	Red/Orange ✓
12)	4E Barn	Orange/Red ✓
13)	6W Allen	white/Blue ✓
14)	RI Signal Allen	Blue/white ✓
15)	2W Allen	Orange/Black ✓
16)	2E Allen	Black/Orange ✓
17)	4W Allen	Green/white ✓
18)	4E Allen	white/Green ✓
19)	CP Light Allen	Black/Gray ✓ (Cable 3)
20)	12 Volt	

Valley and Town (cont.)

20) TOL W/B Town Int	Black/Gray ✓
21) TOL E/B Town Int	Red/Orange ✓
27) CP Light Valley	Orange/Purple ✓
28) CP Light Town	Purple/Orange ✓ (cable 4 Orange exp)
29) 12 Volts	

Beth

1)	#3 Norm Beth	Yellow/Blue ✓ (Cable 4 Orange Rept)
2)	#3 Rev Beth	Blue/Yellow ✓
3)	#1 Norm Beth	Green/white ✓
4)	#1 Rev Beth	White/Green ✓
5)	LCL AT Rev	Brown/Black ✓
6)	LCL Lock	Black/Brown ✓
7)	Kill w/b Town to Beth	Purple/Brown ✓
8)	Kill E/B Town to Beth	Brown/Purple ✓
9)	Kill Beth to Ridge	Brown/white ✓ (Cable 4 Blue rept)
10)	Kill Cut Back 1st Sec 02	white/Brown ✓
11)	Kill Cut Back 2nd sec 01	Blue/white ✓
12)	TOL W/B Town to Beth	White/Blue ✓
13)	TOL E/B Town to Beth	Gray/Red ✓
14)	TOL Beth Int	Red/Gray ✓
15)	TOL Beth to ridge	white/gray ✓
16)	Cut Back 1st aproach	Gray/white ✓
17)	Cut back 2nd aproach	Orange/white ✓
18)	2W Beth	white/orange ✓
19)	2Wa Beth	Brown/Yellow ✓
20)	2E Beth	Yellow/Brown ✓
21)	2Ea Beth	Green/Black ✓
22)	CP Light Beth	Black/Green ✓ (Cable 4 Blue rept)
23)	12 volts	

Ridge and Slope

1)	#1 Norm Ridge	Gray/Yellow ✓ (cable 4 Blue rap)
2)	#1 Rev Ridge	Yellow/Gray ✓
3)	#1 Norm Slope	Green/purple ✓
4)	#1 Rev Slope	Purple/Green ✓
5)	Cement Rev	Black/Brown ✓
6)	Coal Yd. Rev	Brown/Black ✓
7)	Stub Rev	Green/Yellow ✓
8)	#1 Lock Slope	Yellow/Green ✓
9)	Cement lock	Orange/Yellow ✓
10)	Coal Yd Lock	Yellow/Orange ✓
11)	Stub Lock	Green/white ✓
12)	Kill Main Ridge to Slope	white/green ✓
13)	Kill Sdg Ridge to Slope	Orange/Red ✓
14)	TOL ~~Kill~~ Slope to Jct	~~Red/Orange~~ ✓ Brown/Yellow
15)	TOL Ridge Int	Brown/Red ✓
16)	TOL Main Ridge to Slope	Red/Brown ✓
17)	TOL Sdg Ridge to Slope	Green/Red ✓
18)	TOL Slope Int	Red/green ✓
19)	2W Ridge	Orange/Black ✓
20)	2E Ridge	Black/Orange ✓
21)	2Ea Ridge	Gray/Black ✓
22)	2W slope	Black/Gray ✓
23)	2Wa slope	Blue/Black ✓
24)	2E Slope	Black/Blue ✓

Ridge and slope (cont.)

25)	CP Light Ridge	Blue/Yellow ✓
26)	CP Light Slope	Yellow/Blue ✓ (Cable 4 Blue cap)
27)	12 Volts	

Jet and Tunnel

(Cable 5 blue rye)

1)	#1 Norm Jet	Black/Green ✓
2)	#1 Rev Jet	Green/Black ✓
3)	#5 Norm Tunnel	Brown/white ✓
4)	#5 Rev Tunnel	white/brown ✓
5)	#3 Norm Tunnel	Red/Blue ✓
6)	#3 Rev Tunnel	Blue/Red ✓
7)	#1 Norm Tunnel	Yellow/Blue ✓
8)	#1 Rev Tunnel	Blue/Yellow ✓
9)	#7 Norm Tunnel	Black/Orange ✓
10)	#7 Rev Tunnel	Orange/Black ✓
11)	#1 Lock Tunnel	Brown/Black ✓
12)	#3 Lock Tunnel	Black/Brown ✓
13)	#5 Lock Tunnel	Gray/Yellow ✓
14)	#7 Lock Tunnel	Yellow/Gray ✓
15)	Kill Jet to Hump	Blue/Purple ✓
16)	Kill Tunnel to Jet	Purple/Blue ✓
17)	Kill Trk 5 Jim Thorpe	Yellow/Brown ✓
18)	~~Kill~~ Slope to Jet	~~Brown~~/Yellow ✓ Red Orange
19)	TOC Jet Int	Black/Gray ✓
20)	TOC Hump to Jet	Gray/Black ✓

Jet and Tunnel (cont.)

21)	TOL aproach Hump	Brown/Red ✓
22)	TOL Tunnel to Jet	Red/Brown ✓
23)	TOL Tunnel Int (2 bulbs)	Orange/Yellow ✓
24)	2W Jet	Yellow/Orange ✓
25)	2E Jet	Purple/Green ✓
26)	2Ea Jet	Green/Purple ✓
27)	2E Hump	Red/Orange ✓
28)	2W Tunnel	Orange/Red ✓
29)	2E Tunnel	Yellow/Green ✓
30)	2Ea Tunnel	Green/Yellow ✓
31)	2Eb Tunnel	Blue/Black ✓
32)	2Ec Tunnel	Black/Blue ✓
33)	2Ed Tunnel	White/Green ✓
34)	CP Light Jet	Green/white ✓
35)	CP Light Hump	Brown/Purple ✓
36)	CP Light Tunnel	Purple/Brown ✓
37)	12 Volts	

Rock

1) #1 Norm Rock — Red/Gray ✓
2) #1 Rev Rock — Gray/Red ✓
3) #3 Norm Rock — Blue/White ✓
4) #3 Rev Rock — White/Blue ✓
5) #5 Norm Rock — Red/Green ✓
6) #5 Rev Rock — Green/Red ✓
7) #1 Lock Rock — Gray/White ✓
8) #3 Lock Rock — White/Gray ✓
9) #5 Lock Rock — Orange/Purple ✓
10) Kill Trk 1 Jim Thorpe — Purple/Orange ✓
11) Kill Trk 2 Jim Thorpe — Gray/Purple ✓
12) Kill Trk 3 Jim Thorpe — Purple/Gray ✓
13) Kill Trk 4 Jim Thorpe — White/Orange ✓
14) Kill Rock Int. — Orange/White ✓ (Cable 5 Orange Rep)
15) Transfer Trk 1 Jim Thorpe — Orange/~~Black~~ ✓
16) Transfer Trk 2 Jim Thorpe — Black/Orange ✓
17) Transfer Trk 3 Jim Thorpe — Yellow/Blue ✓
18) Transfer Trk 4 Jim Thorpe — ~~Black/Yellow~~ ~~Yellow/Blue~~ Blue/Yellow ✓
19) Transfer Rock — ~~Yellow/Blue~~ ~~Blue/Purple~~ Purple/Green ✓
20) TOL Trk 1 — ~~Purple/Green~~ Green/Purple ✓
21) TOL Trk 2 — ~~Green/Purple~~ Gray/Yellow ✓
22) TOL Trk 3 — ~~Gray/Yellow~~ Yellow/Gray ✓
23) TOL Trk 4 — ~~Yellow/Gray~~ Blue/Purple ✓
24) TOL Trk 5 — Purple/Blue ✓

Rock (Cont)

25) TOL Rock Int (2 bulbs)	Gray/Red ✓
26) TOL Aproach Rock Holoload	Red/Gray ✓
27) 2W Rock	Orange/Yellow
28) 2Wa Rock	Yellow/Orange
29) 2Wb Rock	Green/Red
30) 2Wc Rock	Red/Green
31) 2 E Rock	Brown/Purple
32) JT Signal Rock	Purple/Brown
33) CP Light Rock	white/Gray
34) 12 Volts	

Key Pads

Pad

1) a) Red/Orange
    b) Orange/Red
    c) White/Brown
    d) Brown/White

Pad e) Gray/Black

2) a) Black/Gray
    b) Orange/White
    c) White/Orange
    d) Orange/Purple

Pad e) Purple/Orange

3) a) Red/Blue
    b) Blue/Red
    c) Brown/Red
    d) Red/Brown
    e) Gray/White

Trenton Pannel to TCS	Switch Controls
16P Rev Orange/white	Traffic Relay Loop Red white/Blue
16P Nor white/orange	
15P Rev Red/Blue	
15P Norm Blue/Red	
14P Rev Red/Gray	
14P Norm Gray/Red	
12P Rev Purple/Orange	
12P Norm Orange/Purple	
10P Rev Black/Brown	
10P Norm Brown/Black	
9P Rev Orange/Red	
9P Norm Red/Orange	
8P Rev white/Brown	
8P Norm Brown/white	
7P Rev Orange/Yellow	
7P Norm Yellow/orange	
6P Rev white/Green	
6P Norm Green/white	
5P Rev Red/Brown	
5P Norm Brown/Red	
4P Rev Green/Red	
4P Norm Red/Green	
3P Rev Gray/white	
3P Norm white/Gray	

Switch Indications   Trenton Pannel to TCS Sense

16P   Gray / Purple
15P   Purple / Gray
14P   Blue / white
12P   Gray / Yellow
11E   Yellow Gray
10P   Purple / Brown
9P   Brown / Purple
8P   Purple / Green
7P   Green / Purple
6P   Brown / Yellow
5P   Yellow / Brown
4P   Gray / Black
3P   Black / Gray

Lock Control

11E   Black / Blue

Kill

TN1   Blue / Black   TN9   Black / Orange
TN3   Green / Yellow   TN10 Green / Black
TN4   Yellow / Green   TN11 Black / Green
TN5   Blue / Purple   TN12 Blue / Yellow
TN6   Purple / Blue   TN13 Yellow / Blue
TN7   Orange / Black

New Street

Switch #1 Normal Ind	Yellow / Orange
Switch #1 Rev Ind	Orange / Yellow
Switch #3 Normal Ind	White / Gray
Switch #3 Rev Ind	Gray / White
Switch #5 Normal Ind	Brown / Red
Switch #5 Rev Ind	Red / Brown
Kill Street to Mill w/B	White / Orange
Kill Street to E/B	Orange / White
Kill Street Loop	White / Brown
CP Light Street	Brown / White
TOL Street Int Around	White / Green
TOL Street E/B Int	Green / White
TOL Street W/B #5 & #3 Switch	Blue / Black
TOL Loop Street	Black / Blue
TOL Street to W/B	Red / Orange
TOL Street to E/B	Orange / Red
2W	Blue / Red
4W	Red / Blue
2E	Green / Red
2Ea	Red / Green
4E	Blue / Purple
4Ea	Purple / Blue