

**CONTROL CABLE COLOR CODES - See ODOT TM470 Wire and Cable Installation for new construction.
Use chart below to maintain consistency in existing installations.**

No.	Revision/Issue	Date	By
5	Rem illum sign, ref ODOT	01/22	CH

CONDUCTOR NUMBER	BASE COLOR	FIRST TRACER	3 VEHICLE PHASES W/OVERLAP	3 VEHICLE PHASES	2 VEHICLE PHASES	1 VEHICLE PHASE	3 PED. PHASE	2 PED. PHASE	1 PED. PHASE	PRETIMED INTERCONNECT FUNCTION	
			15/C CABLE	12/C CABLE	10/C CABLE	4/C CABLE	12/C CABLE	10/C CABLE	6/C CABLE	10/C CABLE	6/C CABLE
1	BLACK	----	TURN RED	TURN RED	SPECIAL	YELLOW	MAIN WALK	MAIN WALK	WALK	SYNC.2	SYNC.2
2	WHITE	----	COMMON	COMMON	COMMON	COMMON	COMMON	COMMON	COMMON	COMMON	COMMON
3	RED	----	MAIN RED	MAIN RED	MAIN RED	RED	CROSS DONT WALK	CROSS DONT WALK	DONT WALK	FLASH	FLASH
4	GREEN	----	MAIN GREEN	MAIN GREEN	MAIN GREEN	GREEN	CROSS WALK	CROSS WALK	P.B. COMMON	SYNC.1	SYNC.1
5	ORANGE	----	MAIN YELLOW	MAIN YELLOW	MAIN YELLOW	----	SPECIAL	SPECIAL	SPECIAL	DIAL 2	DIAL 2
6	BLUE	----	TURN GREEN	TURN GREEN	SPECIAL	----	MAIN DONT WALK	MAIN DONT WALK	PUSHBUTTON	SPECIAL	SPECIAL
7	WHITE	BLACK	TURN YELLOW	TURN YELLOW	COMMON 1/	----	P.B. COMMON	P.B. COMMON	----	SPECIAL	----
8	RED	BLACK	CROSS RED	CROSS RED	CROSS RED	----	CROSS PUSHBUTTON	CROSS PUSHBUTTON	----	SPECIAL	----
9	GREEN	BLACK	CROSS GREEN	CROSS GREEN	CROSS GREEN	----	MAIN PUSHBUTTON	MAIN PUSHBUTTON	----	SYNC. 3	----
10	ORANGE	BLACK	CROSS YELLOW	CROSS YELLOW	CROSS YELLOW	----	SPARE	SPECIAL	----	DIAL 3	----
11	BLUE	BLACK	SPECIAL	SPECIAL	----	----	SPARE	----	----	----	----
12	BLACK	WHITE	COMMON 1/	COMMON 1/	----	----	SPARE	----	----	----	----
13	RED	WHITE	OL OR TURN RED	----	----	----	----	----	----	----	----
14	GREEN	WHITE	OL OR TURN GREEN	----	----	----	----	----	----	----	----
15	BLUE	WHITE	OL OR TURN YELLOW	----	----	----	----	----	----	----	----

1/ PARALLEL WITH WHITE COMMON SPECIAL = SPARE
OL = OVERLAP P.B. = PUSH BUTTON

NOTE: ALL TRACER COLORS TO BE SPIRALED AT ALL EXPOSED LOCATIONS. WIRING FOR OVERLAPS SHALL BE LABELED (OLA, OLB, OLC, OLD) ON ALL ENDS. UNUSED COLORS FROM ABOVE CHART, WITH ADDITIONAL TRACERS, MAY BE USED FOR OVERLAPS.

SINGLE WIRE COLOR CODES - NOT FOR NEW INSTALLATIONS

PHASE	FUNCTION	BASE COLOR	FIRST TRACER	SECOND TRACER
2	RED	RED	----	----
2	GREEN	GREEN	----	----
2	YELLOW	YELLOW	----	----
2	WALK	BLACK	WHITE	----
2	DONT WALK	BLUE	BLACK	----
6	RED	PINK	----	----
6	GREEN	GREY	----	----
6	YELLOW	ORANGE	----	----
6	WALK	BLACK	----	----
6	DONT WALK	BLUE	----	----
4	RED	RED	WHITE	----
4	GREEN	GREEN	WHITE	----
4	YELLOW	YELLOW	WHITE	----
4	WALK	TAN	----	----
4	DONT WALK	PURPLE	----	----
8	RED	RED	WHITE	BLUE 1/
8	GREEN	GREEN	WHITE	BLUE 1/
8	YELLOW	YELLOW	WHITE	BLUE 1/
8	WALK	TAN	BLUE 1/	----
8	DONT WALK	PURPLE	BLUE 1/	----

PHASE	FUNCTION	BASE COLOR	FIRST TRACER	SECOND TRACER
1	TURN RLTA	PINK	WHITE	----
1	TURN GLTA	GREY	WHITE	----
1	TURN YLTA	ORANGE	WHITE	----
5	TURN RLTA	RED	BLACK	----
5	TURN GLTA	GREY	BLACK	----
5	TURN YLTA	YELLOW	BLACK	----
3	TURN RLTA	PINK	WHITE	BLUE 1/
3	TURN GLTA	GREY	WHITE	BLUE 1/
3	TURN YLTA	ORANGE	WHITE	BLUE 1/
7	TURN RLTA	RED	BLACK	BLUE 1/
7	TURN GLTA	GREEN	BLACK	BLUE 1/
7	TURN YLTA	YELLOW	BLACK	BLUE 1/
2	PUSHBUTTON	TAN	WHITE	----
6	PUSHBUTTON	PURPLE	WHITE	----
4	PUSHBUTTON	BROWN	----	----
8	PUSHBUTTON	BROWN	BLUE 1/	----
ALL	PUSHBUTTON COMMON	BROWN	WHITE	----
ALL	SIGNAL COMMON 2/	WHITE	----	----

1/ SPIRAL WRAP BLUE TAPE AT ALL EXPOSED LOCATIONS.
2/ SIZE AS SHOWN ON PLANS.

**STANDARD DRAWING
TSD5_8**

**STANDARD COLOR CODE FOR
TRAFFIC SIGNAL CONNECTIONS**

City of Springfield



EXP DATE: 12-31-2023

January 27, 2022

NOT TO SCALE

DRAWN BY: J. Brule - June 1980
DESIGNED BY:
CHECKED BY: B. BARNETT
January 27, 2022