

	Color	Diagonal Span If Required	All Traffic Signals	Pedestrian	Pushbutton	Case Sign or Street Sign if Required	
		20/C	7/C	7/C	2/C	3/C	
1	White	Common (case sign)	Common	Common	Common	Common	
2	Black	Case sign	Spare	Spare	24V+	120V AC	
3	Red	A Ø-Red	A Ø-Red	DW1		Ground	
4	Green	A Ø-Green	A Ø-Green	W1			
5	Orange	A Ø-Amber	A Ø-Amber	DW2			
6	Blue	Green arrow	Green arrow	W2			
7	White w/black tracer	C Ø-Amber	FYA	Spare common			
8	Green w/black tracer	B Ø-Green					
9	Orange w/black tracer	B Ø-Amber					
10	Red w/black tracer	B Ø-Red					
11	Blue w/black tracer	C Ø-Green					
12	Black w/white tracer	C Ø-Red					
13	Green w/white tracer	D Ø-Green					
14	Orange w/red tracer	D Ø-Amber					
15	Red w/white tracer	D Ø-Red					
16	Black w/red tracer	FYA					
17	Blue w/white tracer	Spare					
18	Blue w/red tracer	Common					
19	White w/red tracer	Common					
20	Red w/green tracer	Case sign ground					

#12/3-conductor-colors 1 through 3  
 #16/7-conductor-colors 1 through 7  
 #14/12-conductor-colors 1 through 12  
 #14/20-conductor-colors 1 through 20  
 #12/2-conductor shielded 1 through 2

COLOR CODE FOR WIRING CONNECTION SIGNAL LAMPS

NOTE:

Neutrals from each LED shall be on individual terminals on terminal strip inside signal head, so that each neutral can be individually removed without affecting the performance of any other LED.

NOTE:

For 7/C traffic signal wires apply phase tape at any termination point as follows:  
 A Ø-Green  
 B Ø-Orange  
 C Ø-Red  
 D Ø-Blue

NOT TO SCALE

File: PW:TR/Sig/Web/OCSD/Develop/oc\_026a.dgn

Rev. 09/18/12



PREPARED BY  
TRAFFIC AND SAFETY

DRAWN BY:  
CHECKED BY:

ENGINEER OF DELIVERY

ENGINEER OF DEVELOPMENT

(SPECIAL DETAIL)  
FHWA APPROVAL DATE

MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN FOR

COLOR CODE FOR  
WIRING OF SIGNALS

APRIL 2010  
PLAN DATE

OC-026-A

SHEET  
1 of 1

AS-LET PLAN REVISIONS

NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



FILE:

DATE:  
DESIGN UNIT:  
TSC:

CS:  
JN:

DRAWING SHEET