

Phase No.	Color
1	2 RED
2	GREEN
3	2 YELLOW
4	BLUE
5	RED
6	2 GREEN
7	YELLOW
8	2 BLUE

TABLE A
VIDEO DETECTION LEAD-IN
COLOR CHART

Phase No.	Color
1	RED
2	GREEN
3	YELLOW
4	BLUE
5	RED
6	GREEN
7	YELLOW
8	BLUE

TABLE B
SIGNAL CABLE
COLOR CHART

Phase No.	Preemption Channel No.
2	3
4	2
6	4
8	1

TABLE C
PREEMPTION
CHANNELS

12/C CABLE DESIGNATIONS SIGNAL CABLE, MBA #4 10-1		
	12/C CABLE SPliced WITH/IN AND 3-SECTION LEFT HEADS	12/C CABLE SPliced WITH 4-SECTION HEADS (FYA)
RED	THRU RED LIGHT	
ORANGE	THRU AMBER LIGHT	
GREEN	THRU GREEN LIGHT	
BLACK	SPARE	
WHITE	COMMON	
BLUE	SPARE	
RED/TRACER	LEFT RED LIGHT	LEFT RED LIGHT
ORANGE/TRACER	LEFT AMBER LIGHT	LEFT AMBER LIGHT
GREEN/TRACER	LEFT GREEN LIGHT	LEFT GREEN LIGHT
BLACK/TRACER	SPARE	LEFT AMBER ARROW (FYA)
WHITE/TRACER	COMMON	COMMON
BLUE/TRACER	SPARE	SPARE
	PEDESTRIAN CABLE	PED HYBRID BEACON (PHB)
RED	DON'T WALK (E-W)	RIGHT RED BALL
ORANGE	PPB CALL (E-W)	LEFT RED BALL
GREEN	PPB RETURN (E-W)	SPARE
BLACK	SPARE	YELLOW
WHITE	NEUTRAL	NEUTRAL
BLUE	WALK (E-W)	SPARE
RED/TRACER	DON'T WALK (N-S)	DON'T WALK
ORANGE/TRACER	PPB CALL (N-S)	PPB CALL
GREEN/TRACER	PPB RETURN (N-S)	PUSH BUTTON RETURN
BLACK/TRACER	SPARE	SPARE
WHITE/TRACER	NEUTRAL	NEUTRAL
BLUE/TRACER	WALK (N-S)	WALK

7/C CABLE DESIGNATIONS RECTANGULAR RAPID FLASHING BEACON MBA #4 10-1	
ORANGE	PPB CALL
GREEN	PPB RETURN
RED	2X FLASH (POS.)
BLACK	2X FLASH (NEG.)
BLUE	4X FLASH (POS.)
WHITE/TRACER	4X FLASH (NEG.)
WHITE	SPARE

5/C CABLE DESIGNATIONS PROTECTIVE/PERMISSIVE FYA MBA #4 10-1	
RED	LEFT RED LIGHT
ORANGE	LEFT AMBER LIGHT
GREEN	LEFT GREEN LIGHT
BLACK	LEFT AMBER LIGHT (FYA)
WHITE	COMMON

5/C CABLE DESIGNATIONS THRU OR LEFT VEHICLE HEAD MBA #4 10-1	
RED	RED LIGHT
ORANGE	AMBER LIGHT
GREEN	GREEN LIGHT
BLACK	SPARE
WHITE	COMMON

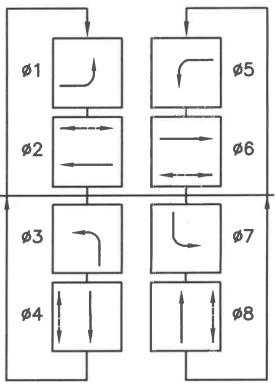
5/C CABLE DESIGNATIONS PHB SIGNAL HEADS MBA #4 10-1	
RED	RIGHT RED BALL
ORANGE	LEFT RED BALL
GREEN	SPARE
BLACK	YELLOW
WHITE	NEUTRAL

3/C CABLE DESIGNATIONS PEDESTRIAN SIGNAL HEAD MBA #4 10-1	
RED	"DON'T WALK"
BLACK	"WALK"
WHITE	NEUTRAL

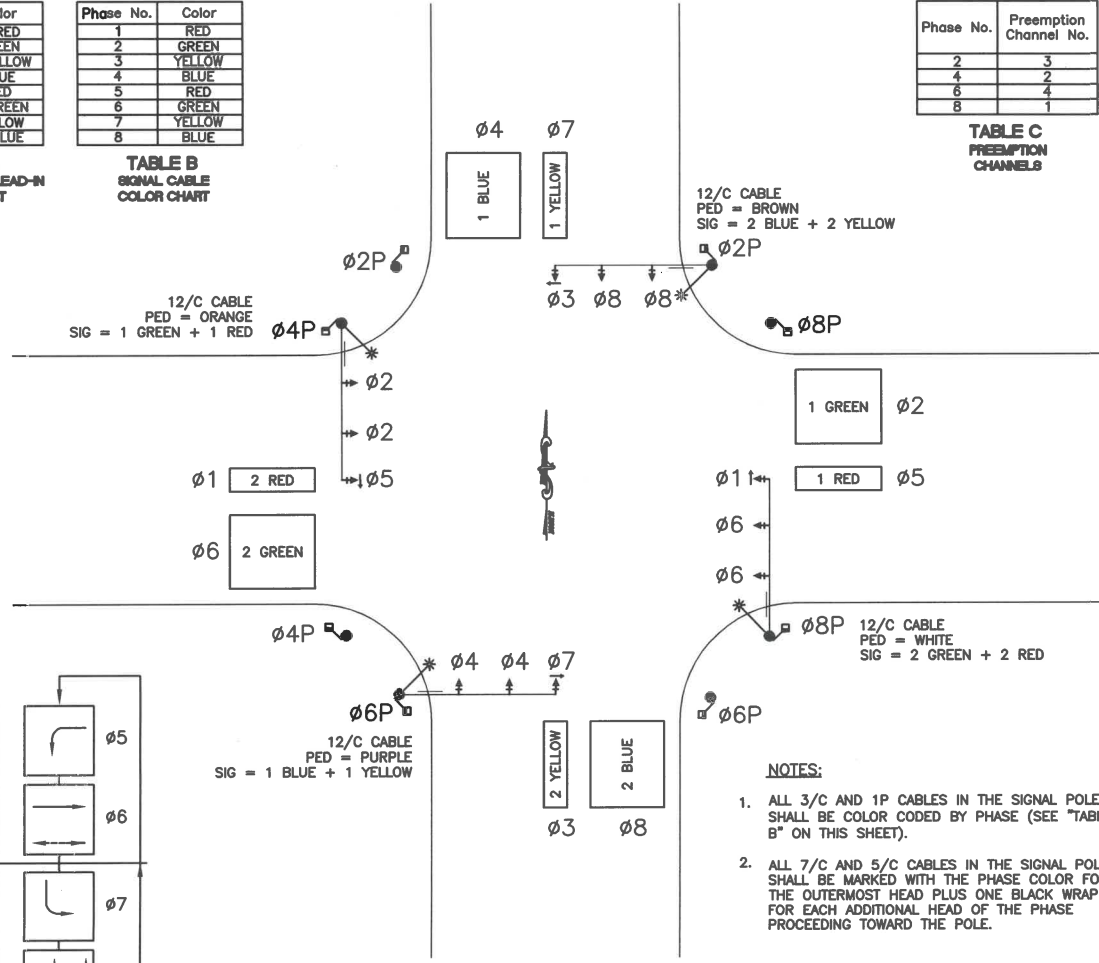
4/C CABLE DESIGNATIONS AGPS PED PUSH BUTTON MBA #6 50-2	
BLACK	12V DC
WHITE	NEUTRAL
GREEN	"WALK"
RED	"DON'T WALK"

2/C CABLE DESIGNATIONS PEDESTRIAN PUSH BUTTON MBA #6 50-2	
BLACK	PPB (CALL)
CLEAR	PPB (RETURN)

- NOTES:**
1. ALL 3/C AND 1P CABLES IN THE SIGNAL POLE SHALL BE COLOR CODED BY PHASE (SEE "TABLE B" ON THIS SHEET).
 2. ALL 7/C AND 5/C CABLES IN THE SIGNAL POLE SHALL BE MARKED WITH THE PHASE COLOR FOR THE OUTERMOST HEAD PLUS ONE BLACK WRAP FOR EACH ADDITIONAL HEAD OF THE PHASE PROCEEDING TOWARD THE POLE.



TYPICAL PHASING DIAGRAM



NO.	DATE	BY	DESCRIPTION
11/10	JES		Added AGPS wiring details
12/15	JES		Added EBPD wiring details



SIGNATURES		SHEET TITLE	
Scale: NTS	Drawn By: Jonathan Beak	Standard Cable Color Designation Detail	
Date: 12/18/11	Design By: Jonathan Beak		
File: 12-1103.01.DWG	Approved By: Jim Larson		

11/19/2018



STANDARD DETAIL NO. **TS-1103.01**
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