

NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	2010 EDITION	C. COLE	03/10
2			
3			
4			

CONDUCTOR TABLE					
CIRCUIT	SINGLE PHASE OR FUNCTION	INSULATION		CONDUCTOR	
		COLOR	TYPE	AWG No.	TYPE
Vehicle Signals *	Red Interval Yellow Interval Green Interval	Red Yellow Green	THW or XHHW-2 THW or XHHW-2 THW or XHHW-2	14/12 14/12 14/12	AS
Pedestrian Signals *	Intl. Symbol Hand/Man	Red Green	THW or XHHW-2 THW or XHHW-2	14/12 14/12	AS
Pedestrian Push Button *	Pedestrian Detection	Orange	THW or XHHW-2	14/12	AS
Highway Lighting	Multiple Lighting	Black or per Plan Color Code	THW or XHHW-2	AS	AS
Lighting in Pole	Pull Box to Luminaire	Black	XHHW XHHW-2	12	S
Sign Lighting	Fuse Box to Fixture	Black	THW or XHHW-2	14/12	S
Common	Common	White	THW or XHHW-2	12/8/AS	AS
Spares	Unused	Brown or Black	THW or XHHW-2	14/12/AS	
	Service Service Common	Black White	THW or XHHW-2 THW or XHHW-2	AS AS	AS
	Bond	Green	THW or XHHW-2	8/6	

LEGEND:  
AS = As Specified; S = Stranded  
\* - Only if individual conductors are specified on the plans or have to be used due to some sort of restriction (conduit fill problem), otherwise IMSA cable shall be used.

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION		DRAWING NO. T.S. 1-6
	CONDUCTOR REQUIREMENTS	SHEET NO. 1 OF 1