

NO	DESCRIPTION OF REVISIONS	MADE BY	DATE	NO	DATE	MADE BY	DATE
1	2010 EDITION	C. COLE	03/10	3	09/11	C. COLE	
2	2011 EDITION - UPDATED LIGHTING IN POLE ROW, ADDED **	C. COLE		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 Hand Hole to Luminaire	Black	XHHW or XHHW-2	12/AS	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 **	
<p>LEGEND:</p> <p>AS = As Specified; S = Stranded</p> <p>* - 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.</p> <p>** - As required to achive a short circuit configurations that is 5 to 6 times the breaker rating. Breakers for ligthing circuits shall be 15 or 20 AMP.</p>					

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 09/11
<b>SIGNATURE</b>		DRAWING NO. T.S. 1-6
APPROVED FOR DISTRIBUTION	<b>ON FILE</b>	SHEET NO. 1 OF 1
	CONDUCTOR REQUIREMENTS	