

Traffic Services Division

Material Submittal Memorandum

January 25, 2023

TO:

Brian Shields	City Traffic Engineer	Josh Welge	Mgr. Maintenance Operations
Bruce Wacker	Supervisory Civil Engineer	Greg Scharff	Public Works Superintendent
Shawn Gotfredson	Supervisory Civil Engineer	Sean Ruis	PW Maintenance Supervisor
Andrew Morrow	Civil Engineer, Sr.	Garrett Rosenbaum	Maintenance Crew Leader
Open	Civil Engineer, Sr.	John Hightower	Traffic Signal Specialist
Brian Geiger	Civil Engineer, Sr.	Tony Cook	Traffic Signal Specialist
Larry Killer	Traffic Engineering Tech, Sr.	Cassandra Wasser	Traffic Signal Specialist
Daniel Hunt	Traffic Engineering Tech, Sr.	Jeffrey Ruport	Traffic Signal Specialist
Janet Luessenheide	Traffic Engineering Tech, Sr.	Dylan Weber	Traffic Signal Technician
Israel Barradas	Transportation Project Inspector, Sr	Rob Allen	Street Lighting Technician
Dennis Torrence	Transportation Project Inspector, Sr	Dylan Weber	Street Lighting Technician
Michael Petty	Transportation Project Inspector II	Aron Espinosa	Street Lighting Technician
Tony Meyers	Manager of Engineering Services	Open	Street Lighting Technician
Brandon Melius	Construction Inspector, Sr.	Open	Traffic Control Technician
Mark Zarda	Construction Inspector, Sr.	Open	Traffic Control Technician
Paul West	Construction Inspector I	Wayne Honn	Traffic Control Technician
Jesse Rhynerson	Construction Inspector II	Jeff Smiley	Inventory Control Clerk
Pam Fortun	Supervisory Civil Engineer		
Megan Viviano	Civil Engineer II		
Anne Hays	Civil Engineer II		
Jane Manis	Civil Engineer II		

Please forward this information on to other interested parties that are not listed above.

FROM: Brian Geiger, Senior Traffic Engineer

RE: American Electric Lighting LED Cobrahead Luminaires

REMARKS:

The American Electric Lighting LED Cobrahead Luminaires have been approved for use on City of Overland Park projects. Various iterations of this product have been approved since April 4, 2013. The product numbers have changed considerably since AEL's previous version was discontinued in June 2022. AEL undertook a custom LED design process in order to return to the Approved Products List so all of these are custom LEDs.

The new product numbers are as follows for standard grey housing:

- ATB2 P60X MVOLT R2 P7 SH CLASS A RFD334893
- ATB2 P60X MVOLT R2 P7 SH CLASS B RFD334892
- ATB0 P45X MVOLT R2 P7 SH CLASS C RFD335865
- ATB0 P30X MVOLT R2 P7 SH CLASS D RFD334891
- ATB0 P20X MVOLT R2 P7 SH CLASS E RFD334888

The new product numbers are as follows for a black housing:

- ATB2 P60X MVOLT R2 BK P7 SH CLASS A RFD335736
- ATB2 P60X MVOLT R2 BK P7 SH CLASS B RFD335737
- ATB0 P45X MVOLT R2 BK P7 SH CLASS C RFD335866
- ATB0 P30X MVOLT R2 BK P7 SH CLASS D RFD335739
- ATB0 P20X MVOLT R2 BK P7 SH CLASS E RFD335740

Legend:

ATB – Autobahn Series

P##X – LED unit. The ## is the size and quantity of the LEDs in the housing. The “X” represents that it’s a custom lumen output specific to OP.

MVOLT – Multi-volt, 120-277V

R2 – Roadway Type II

BK – Black Housing

P7 – 7 Pin Photocontrol Receptacle

SH – Includes Shorting Cap

RFD##### - Request for Definition for special labeling for fixture based on LED class.

RFWD – Request for Warranty Definition for a 10-year warranty. RFWDs are: 27496 for Class A, B, D, and E and 27534 for Class C.