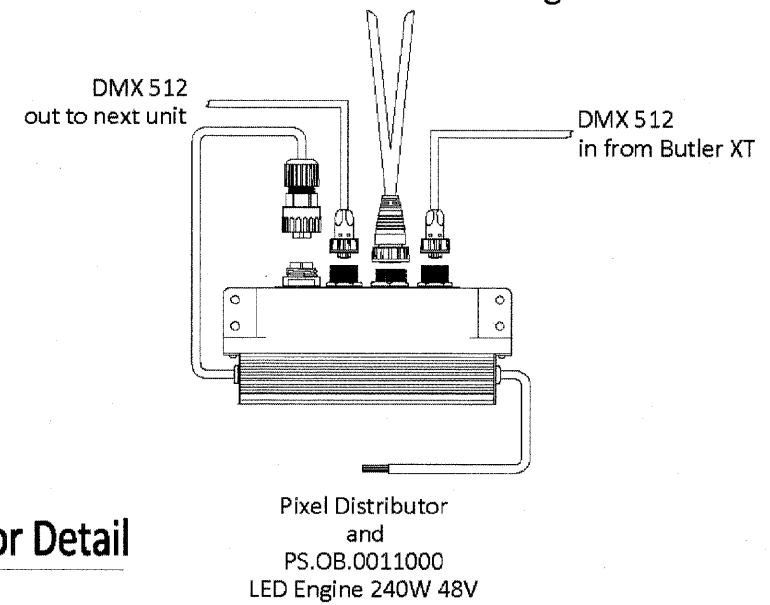


### TX101 Sheet Notes:

1. System voltage range (100-240v AC).
2. All Cat5 data cable to be provided by others.
3. Maximum distance between Butler XT and first Pixel Distributor is not to exceed 100 meters.
4. Pixel Distributors to be Field-Addressable and configured for full resolution control.
5. Fixtures strings to be remotely mounted from Pixel Distributors. Leader cable length is 35'.
6. All Pixel Distributors and LED Engines to be located in base of Street Lighting Pole.
7. All DMX2CCs and power supplies to be located in base of Obelisk.
8. Butler XTs and DMX2CCs to be installed in Weather-Rated enclosures.
9. Fixtures should be handled with care in a static-free environment.
10. Wiring layout shown for wiring clarity. Actual layout may vary.

### Out to Media Dot Strings



**1** West Gateway Wiring Diagram  
TX101 SCALE: NTS

**2** Pixel Distributor Detail  
TX101 SCALE: N.T.S.

**NOTE:**

ALL REFERENCE TO A PARTICULAR MANUFACTURER IS FOR GENERAL PURPOSES AND THAT AN ENGINEER APPROVED EQUAL IS ACCEPTABLE.

Drawing file: M:\Projects\60011046 - Division Street ITP\Wiring Diagrams.dwg Nov 10, 2011 - 10:32am

**HANCOCK ENGINEERING**  
 ♦ Civil Engineers  
 ♦ Municipal Consultants  
 ♦ Established 1911  
 9933 Roosevelt Road  
 Westchester, Illinois 60154-2780  
 Phone: 708/965-4390  
 Fax: 708/965-1312

DESIGNED - ELS	REVISED -
DRAWN - MK, DMM	REVISED -
CHECKED - ELS	REVISED -
DATE - 11-02-11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WIRING DIAGRAMS</b>	
SCALE: NONE	SHEET NO. 1 OF 6 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1026	10-00116-00-SW	COOK	40	32
FED. ROAD DIST. NO. 1   ILLINOIS			CONTRACT NO. 63654	
FED. AID PROJECT M-TE-001(825)				
EHE PROJECT NO. 600-11-04602				