

ATTACHMENT A

LOCATIONS & SCOPE OF WORK - NKU LED Roadway Lighting

- Campbell Drive In front of Operations Building

 a. Replace (1) Single Head with New Pole & LED Head
 - i. Illuminates drive lane
 - b. Replace (1) Single Head with New Pole & LED Headi. Illuminates drive lane



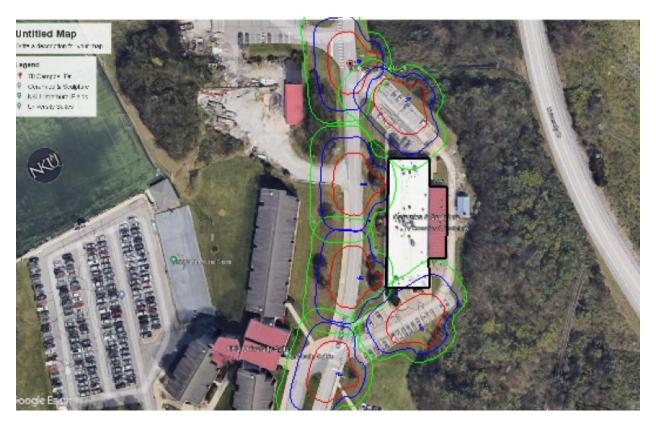


2. Campbell Drive - in front of ceramics building across from University Suites

- a. Replace (1) Single Head with New Pole with (2) LED Heads (double)
 - i. One head illuminates cross walk to ceramics
 - ii. Other head illuminate's crosswalk to university suites.
 - iii. NOTE: Currently no pole (see orange cone in picture) as old one fell down. Demo old base and pour new one for new installation of single head.
- b. Replace (1) Single Head with New Pole & (1) LED Heads
 - i. Ceramics Parking Lot
- c. Replace (1) Single Head with New Pole & (1) LED Heads
 - i. Ceramics Parking Lot
- d. Remove (1) Single Head Replace (1) Single Head with New Pole & LED Head
 - i. Illuminates Drive Lane
- e. Remove (1) Single Head & Replace (1) Single Head with New Pole & LED Head
 - i. Illuminates Drive Lane
- f. Remove (1) Double Head with 2 heads Replace (1) Single Head with New Pole & LED Head
 - i. Illuminates drive lane







2. Campbell Drive - in front of ceramics building across from University Suites

- g. Disconnect & remove (1) single Head and demo base and straw & seed
 - i. See picture below in Red
 - ii. Disconnect & remove (1) single Head and demo base and straw & seed



iii. See picture below in Red



h. Along Campbell Drive - parking lot "U" area across from University Suites

- 1. Replace (1) Single Head with New Pole & (2) LED Heads (double)
 - i. One head illuminates cross walk
 - ii. Other head illuminates' part of parking lot
- 2. Replace (1) Double Head with New Pole & (2) LED Heads (double)
 - i. One head illuminates Drive lane
 - ii. Other head illuminates' part of parking lot
- 3. Remove (1) Single Head fixtures (on University Suites side of road)
 - i. Demo Base area down to below sod and re-seed and straw.
- 4. Remove (1) Single Head fixtures (on University Suites side of road)
 - i. Demo Base area down to below sod and re-seed and straw.
- 5. Remove (1) Single Head fixtures (Lot U)
 - i. Demo Base area down to below ground and cap w gravel & concrete.





i. Along Campbell Drive - parking lot "U" area across from University Suites

- a. Replace (1) Single Head with New Pole & (1) LED Head

 i. illuminates' back side of parking lot

 b. Replace (1) Single Head with New Pole & (1) LED Head

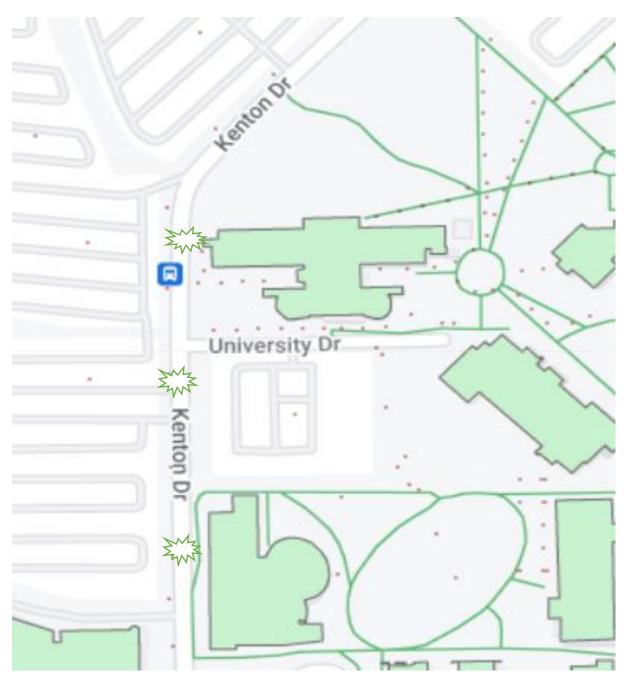
 i. illuminates' back side of parking lot





- j. <u>Kenton Drive</u> in front of the Science Center. Demo concrete base to below asphalt/concrete turf base and refill & compact to match finish.
- 1. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head
- 2. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head
- 3. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head





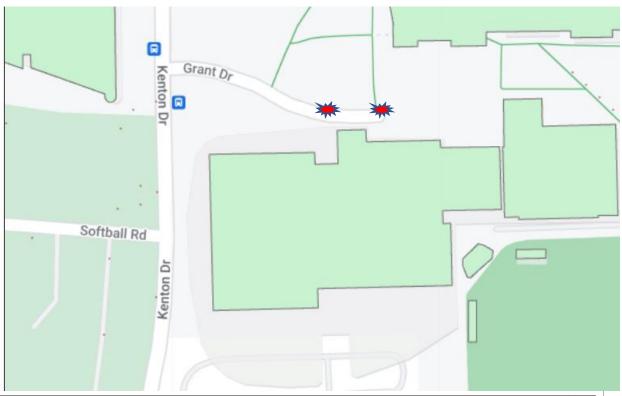


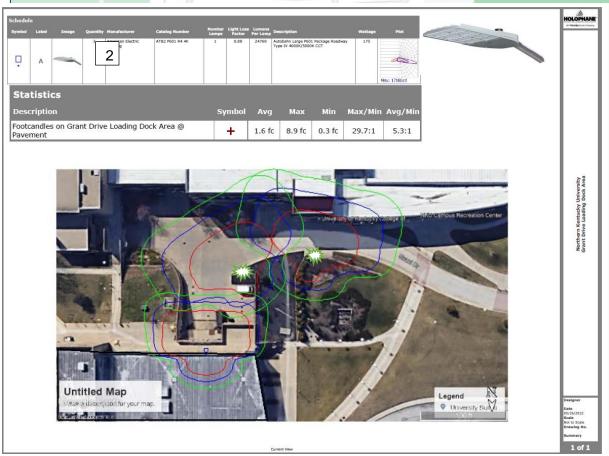
- k. <u>Albright Health Center Grant Drive Demo concrete base to below asphalt/concrete turf base and refill & compact to match finish.</u>
- a) Remove (1) Pole with (2) heads. Demo old base and Repour new base and (1) Single Head with New Pole & (1) LED Head
 - i) Head to illuminate drive lane in front of health center.
- b) Remove (1) Pole with (2) heads. Demo old base and Repour new base and (1) Single Head with New Pole & (1) LED Head
 - i) Head to illuminate Albright loading dock area

Northern Kentucky University Kenton Drive Site LED Lighting Upgrade © Science Building

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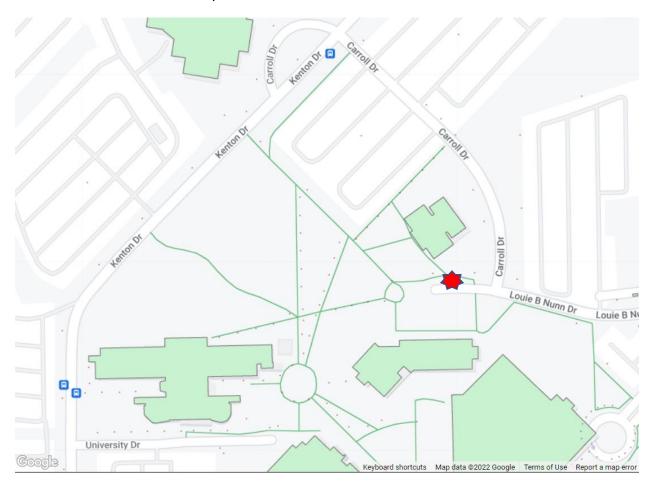








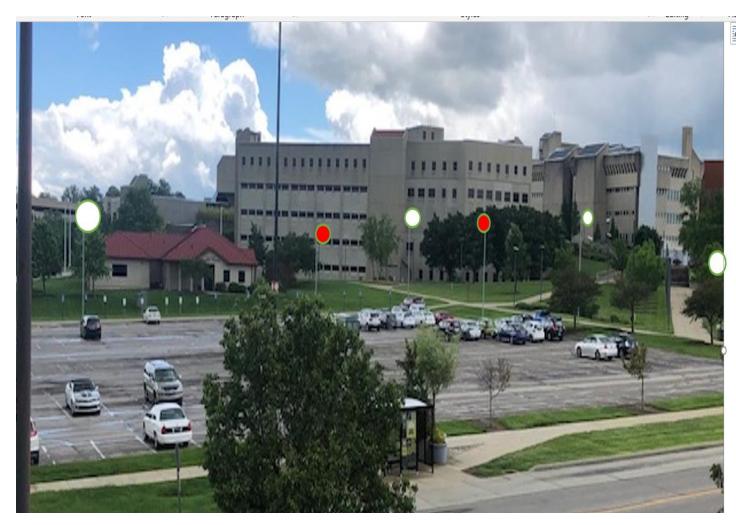
- I. Lucas Admin Center Access road between field & Lucas Admin Center off campus dr
 - a. Remove (1) single headed pole. Demo concrete base to below asphalt/concrete and refill & compact to match finish.



m. LOT E off Carroll Drive

- 1. Remove (1) Single Head (already illuminated by Hi-Mast Light)
 - i. Noted by RED DOT in below picture
- 2. Remove (1) Single Head (already illuminated by Hi-Mast Light)
 - i. Noted by RED DOT in below picture
- 3. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head. Noted by WHITE DOT in below picture
- 4. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head. Noted by WHITE DOT in below picture
- 5. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head. Noted by WHITE DOT in below picture
- 6. Remove (1) Pole & Head Demo old base and Repour new base and (1) Single Head with New Pole & LED Head. Noted by WHITE DOT in below picture





Total Counts

One for One (new pole & single head) = 15
One for two (new pole w 2 heads) = 3
Two for one (new pole w 1 head) = 3
Disconnect & Remove (no new LED head) = 8
Total Pole Count = 21
Total LED head Count = 24