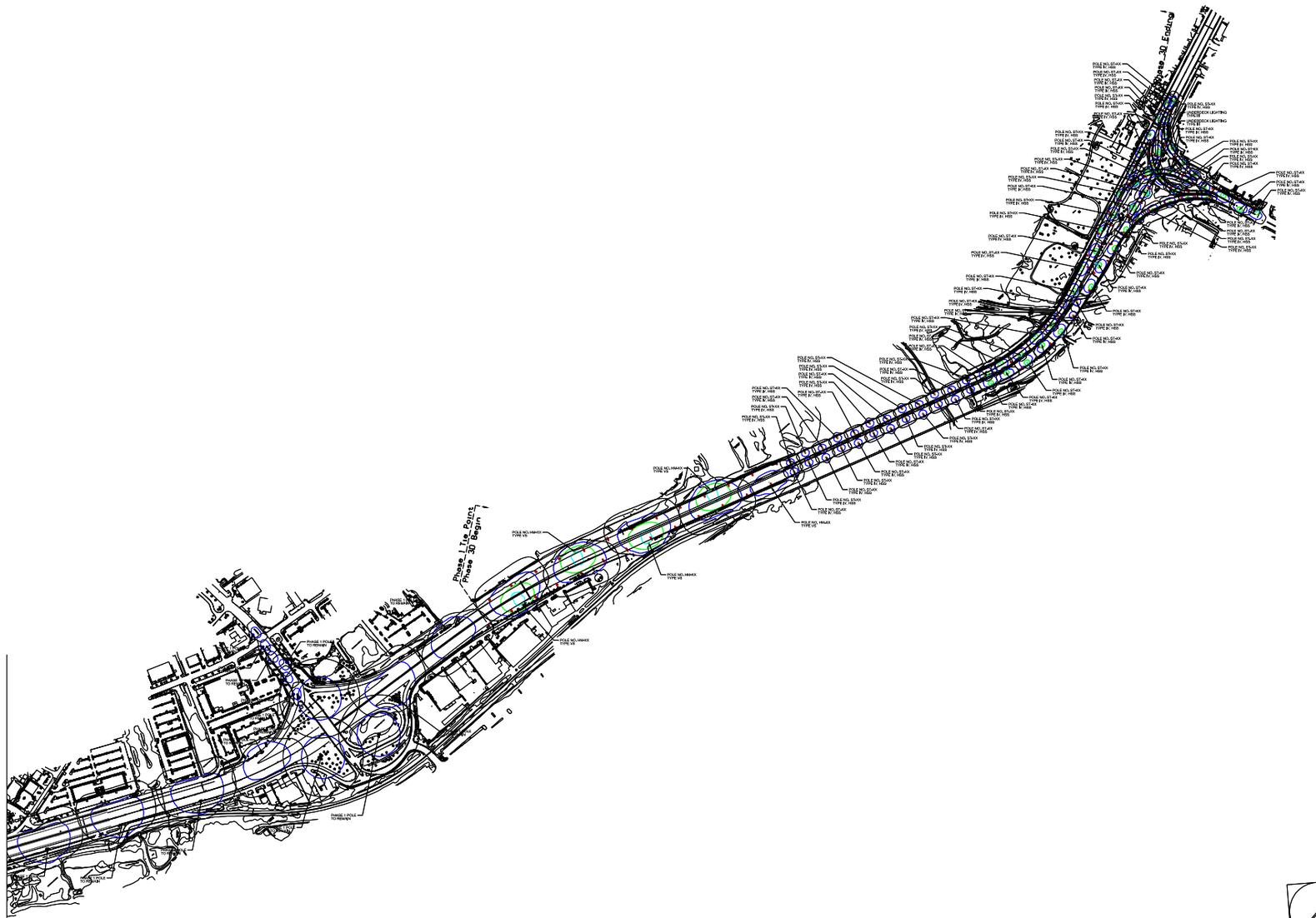
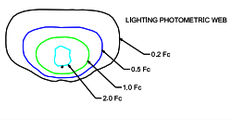


NOTES:
1)LUMINAIRES AND WATTAGES USED FOR THIS CONCEPTUAL PLAN ARE GENERIC AND DO NOT NECESSARILY REFLECT THE LUMINAIRES THAT WILL BE USED FOR FINAL DESIGN.
2)POLE LOCATIONS ARE CONCEPTUAL. FINAL POLE LOCATIONS WILL BE DETERMINED DURING FINAL DESIGN BASED ON FINALIZED ROADWAY GEOMETRY.
3)CAROLINA CROSSROADS PHASES 1 AND 2 ARE CURRENTLY UNDER CONSTRUCTION. THE PHASE 1 AND 2 LIGHT POLE LOCATIONS MAY CHANGE FROM THIS CONCEPT. COORDINATE WITH THE PHASE 1 AND 2 CONTRACTORS AND AS-BUILT DATA TO OBTAIN LATEST DESIGN.

LEGEND

- HIGH MAST LIGHT POLE WITH ONE (2) LED LUMINAIRE (295 WATTS AND 4000K CCT). DESIGNED WITH TYPE VS SHORT DISTRIBUTION. LUMINAIRE LUMENS PER LUMINAIRE 43,319. POLE HEIGHT 120 FEET.
- HIGH MAST LIGHT POLE WITH SIX (6) LED LUMINAIRES (295 WATTS AND 4000K CCT). DESIGNED WITH TYPE IV SHORT DISTRIBUTION AND 180 DEGREE HOUSE SIDE SHIELDS. LUMINAIRE LUMENS PER LUMINAIRE 40,691. POLE HEIGHT 120 FEET.
- STANDARD LIGHT POLE WITH LED LUMINAIRE (106 WATTS AND 4000K CCT). DESIGNED WITH TYPE IV MEDIUM DISTRIBUTION. LUMINAIRE LUMENS 15,380. POLE HEIGHT 35 FEET. ARM LENGTH 12 FEET.
- STANDARD BRIDGE MOUNTED LIGHT POLE WITH LED LUMINAIRES (67 WATTS AND 4000K CCT). DESIGNED WITH TYPE IV MEDIUM DISTRIBUTION. LUMINAIRE LUMENS 10,150. POLE HEIGHT 35 FEET. ARM LENGTH 6 FEET. REPLACING THE EXISTING BRIDGE MOUNTED LIGHT POLE.
- STANDARD LIGHT POLE WITH LED LUMINAIRE (106 WATTS AND 4000K CCT). DESIGNED WITH TYPE IV MEDIUM DISTRIBUTION. LUMINAIRE LUMENS 15,380. POLE HEIGHT 35 FEET. ARM LENGTH 15 FEET.
- STANDARD LIGHT POLE WITH LED LUMINAIRE (67 WATTS AND 4000K CCT). DESIGNED WITH TYPE IV MEDIUM DISTRIBUTION. LUMINAIRE LUMENS 10,150. POLE HEIGHT 30 FEET. ARM LENGTH 6 FEET.
- UNDERDECK PARKPAK WITH LED LUMINAIRE (25 WATTS AND 4000K CCT). DESIGNED WITH TYPE III MEDIUM DISTRIBUTION. LUMINAIRE LUMENS 3,133. THE HEIGHT OF LIGHT TO BE 14'-1".
- UNDERDECK WALLCONNECT WITH LED LUMINAIRE (35 WATTS AND 4000K CCT). DESIGNED WITH TYPE III MEDIUM DISTRIBUTION. LUMINAIRE LUMENS 4,303. THE HIEGHT OF LIGHT TO BE 15 FEET.
- PHASE 1 STANDARD LIGHT POLE BEING REMOVED
- PHASE 1 STANDARD LIGHT POLE TO REMAIN
- EXISTING LIGHT POLE TO BE REMOVED
- PHASE 1 HIGH MAST POLES TO REMAIN



South Carolina Department of Transportation

SCALE : 1"=300'

0 150 200 400 600 800 1000

NOVEMBER 6th, 2025

CONCEPTUAL LIGHTING PLAN PHASE 3D SHEET B