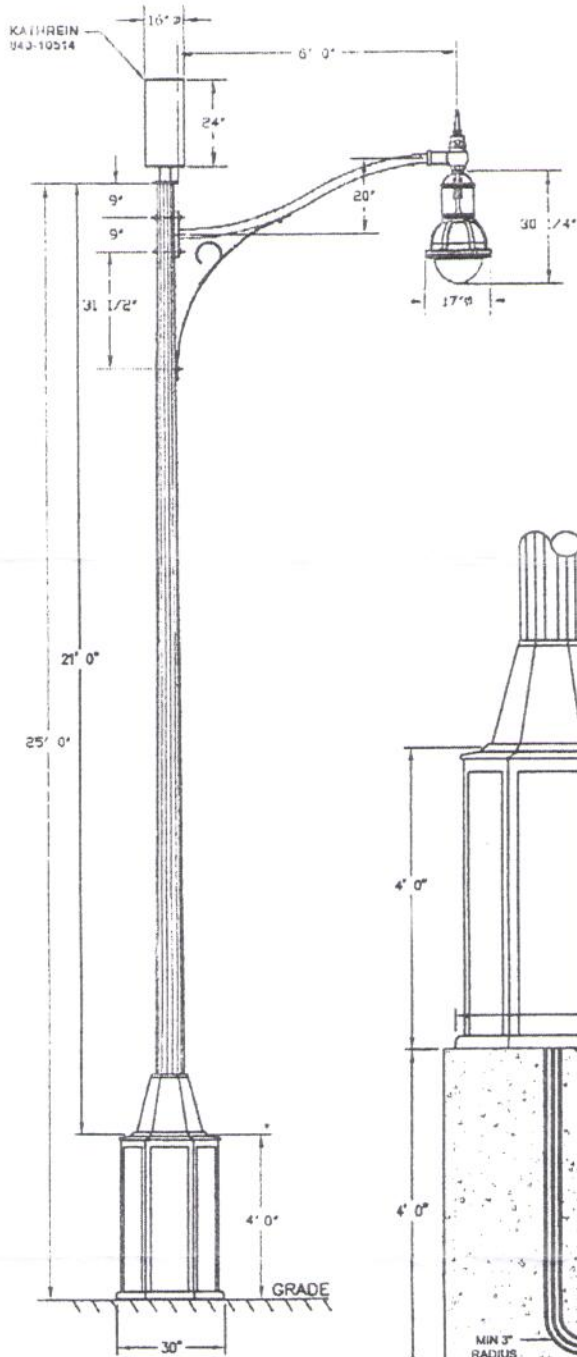


ExteNet Node Locations

	Node	Latitude	Longitude	Street Address	Pole No./Location	Misc. Notes
Bu s i n e s s i s t r i c t	Node 1	40.443808	-79.994289	Corner Grant St and Liberty Av	Traffic Signal Pole - NW Corner	Next to fire hydrant and ground furniture
	Node 2	40.441712	-79.996236	SE Corner of William Penn Place and Strawberry Way	Cobra Head Street Light at Intersection	Next to ATT building
	Node 3	40.437405	-79.996151	Southside Fourth Av, east of Ross St.	Traffic Signal Pole with Cobra Head - SE Corner	In front of parking lot
	Node 4	40.440308	-79.997189	SE corner Oliver Av and William Penn Place	Replace Traffic Signal Pole - NW Corner	
	Node 5	40.437448	-80.002515	NE corner Fort Pitt Blvd and Wood St	Street Light NE Corner	
	Node 6	40.439325	-80.004078	North side of Boulevard of the Allies, 250' east of Stanwix St	Cobra Head Street Light at Intersection - SW Corner	At bus stop
	Node 7	40.44243	-80.00432	West side of Stanwix St, 60' north of Penn Ave	Street Light	Next to fire hydrant
	Node 8	40.441991	-80.007119	West side of Commonwealth Place, 200' south of Duquesne Blvd	Cobra Head on Island - NW Corner	Near Point State Park - Gateway Towers across St
So u t h S i d e	Node 1	40.426954	-79.964731	2873 Sidney St	Street Light Pole	
	Node 2	40.427418	-79.968569	East Carson St and South 26th St	Street Light Pole-SW Corner	At bus stop
	Node 3	40.42834	-79.965562	South 27th Street	Street Light Pole	Across from # 436



LUMINAIRE SPECIFICATIONS

CATALOGUE NO.: K803-P2SH-III-165(SSL)
 -80126-120:277 S/F KPL20

QUANTITY:
 OPTICAL SYSTEM: FLAT ARRAY SHALLOW CLEAR LENS
 IES CLASS.: TYPE III
 WATTAGE: 165W
 SERIES: 80126
 LIGHT SOURCE: SOLID STATE LIGHTING
 LINE VOLTAGE: 120:277V
 CCT: 4500K
 PAINT: TEXTURED BLACK
 OPTIONS: S/F KPL-20 LEVELING DEVICE

ROADWAY ARM SPECIFICATIONS

CATALOGUE NO.: KA30-S-1-6'-KPL20-PE-#5

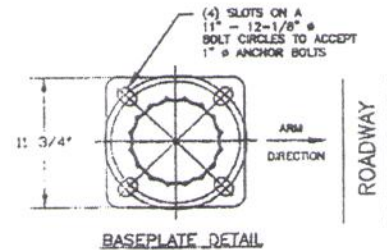
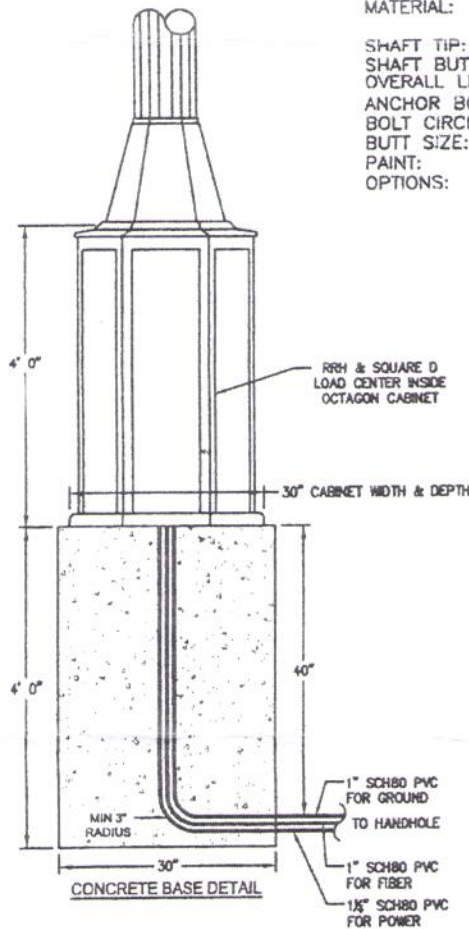
QUANTITY:
 MATERIAL: ALUMINUM
 PAINT: TEXTURED BLACK
 OPTIONS: KPL-20 LEVELING DEVICE
 C/W TWISTLOCK RECEPTACLE
 & #5 FINIAL & PHOTO-EYE

POLE SPECIFICATIONS

CATALOGUE NO.: KSB19-FF-S-25'

QUANTITY:
 MATERIAL: 11 GAUGE 16 FLUTED FORMED STEEL
 SHAFT & CAST ALUM. 2 PC BASE

SHAFT TIP: 4 1/2" Ø
 SHAFT BUTT: 8" Ø
 OVERALL LENGTH: 21' 0"
 ANCHOR BOLTS: 1" x 36"L (INCLUDED)
 BOLT CIRCLE: 11" - 12 1/8" Ø
 BUTT SIZE: 8" Ø
 PAINT: TEXTURED BLACK
 OPTIONS: -



Prepared by:

 Waveguide, Inc.
 10 N Southwood Drive
 Nashua, NH 03063
 603.598.0096

Prepared for:

 Network Owner:
 Extenet Systems Inc.
 3030 Warrenville Road
 Lisle, IL 60532

24/7 Network Operations Center:
 (866)-892-5327

Network Implementation:
 Paul J. Thurston
 Director - Network Engineering &
 Implementation
 pthurston@extenet-systems.com
 (617) 719-5300

Street Light Node Detail

Project: City of Pittsburgh DATE: 09/08/14