

**City of Springfield
Development and Public Works Department**



Authorized by: Jeff Paschall
Title: Managing Civil Eng.
Date: 8/14/2014

August 14, 2014

**Addendum Number 3 to the Contract Documents for the
Invitation to Bid for P21101; Downtown Lighting – Phase 1**

The City of Springfield is amending the above mentioned Invitation to Bid issued on July 17, 2014. This Addendum is hereby made a part of the original contract documents to the same extent as though it were originally included therein.

- 1.) The deadline for submission of Bids and the Bid Opening date is being changed from August 19, 2014 at 2:00 p.m. to August 28, 2014 at 2:00 p.m.
- 2.) The deadline for the submission of the First Tier Subcontractor Disclosure Statement is being changed from August 19, 2014 at 4:00 p.m. to August 28, 2014 at 4:00 p.m.
- 3.) The deadline for submission of questions is being changed from August 13, 2014 at 12:00 p.m. to August 20, 2014 at 12:00 p.m.
- 4.) Drawing SL1-6 Illumination Plan is deleted in its entirety and is being replaced with Drawing SL1-6 Illumination Plan with a revision date of 08/14/14. Note 1 for PT/10 and Note 2 for PT/8 were added. See Attachment 1 to this addendum.
- 5.) Drawing SL2-6 Illumination Plan is deleted in its entirety and is being replaced with Drawing SL2-6 Illumination Plan with a revision date of 08/14/14. Added 2/12 and 3/12 wiring at PT/16 and PT/25. See Attachment 2 to this addendum.
- 6.) Drawing SL3-6 Illumination Plan with a revision date of 08/04/14 is deleted in its entirety and is being replaced with Drawing SL3-6 Illumination Plan with a revision date of 08/14/14. Added conduit and Note 1 at PT/17. Added HDD Notes at PT/19, PT/21 and PT/23. Added RX/LP Symbol and Note 4 at PT/29. See Attachment 3 to this addendum.
- 7.) Drawing SL5-6 Light Pole Table is deleted in its entirety and is being replaced with Drawing SL5-6 Light Pole Table with a revision date of 08/14/14. Added base type changes to Poles 19 and 20. Added base type F note to Pole 28. See Attachment 4 to this addendum.
- 8.) Drawing SL-TM427 Service Cabinet dated 08/04/14 is deleted in its entirety and is being replaced with Drawing SL-TM427 with a revision date of 08/14/14. Added Note "Hour meter and Contractors will not be required for this service". See Attachment 5 to this addendum.

9.) Special Provisions Section B – Scope of Work and Measurement and Payment

The following language is deleted in its entirety.

Bid Item No. 0605 – Remove and Replace a 200amp Service Cabinet - Scope: This work shall include all materials and labor to remove an existing pole mounted service cabinet, and install, test, and place in service a 120/240VAC, Pad Mounted 200amp Service as shown on Sheet SL6-6, and as described on the plans.

The work shall include, but not be limited to:

- 1.) Removal of the existing 120/240VAC, 100amp pole mounted service cabinet and meter base.
- 2.) Install a 120/240VAC, 200amp, Pad mounted service cabinet as shown on TM485, as recommended by the manufacture, and/or as directed by the Engineer.
- 3.) Re-direct the existing SUB power into the new service, and connect the illumination and receptacle circuits as shown on Plan Sheet SL6-6.
- 4.) The new service shall be inspected and approved for final use by the City Electrical Inspector before SUB power is connected. The City of Springfield will obtain the electrical service permit.

Payment shall be for the installation of Each (EA) 200amp Service Cabinet complete in place.

The above deleted language is replaced with the following language.

Bid Item No. 0605 – Remove and Replace a 200amp Service Cabinet - Scope: This work shall include all materials and labor to remove an existing pole mounted service cabinet, and install, test, and place in service a 120/240VAC, Pad Mounted 200amp Service as shown on Sheet SL6-6, and as described on the plans.

The work shall include, but not be limited to:

- 1.) Removal of the existing 120/240VAC, 100amp pole mounted service cabinet and meter base.
- 2.) Install a 120/240VAC, 200amp, Pad mounted service cabinet as shown on Plan Sheet SL6-6, as recommended by the manufacture, and/or as directed by the Engineer.
- 3.) Re-direct the existing SUB power into the new service, and connect the illumination and receptacle circuits as shown on Plan Sheet SL6-6.
- 4.) The new service shall be inspected and approved for final use by the City Electrical Inspector before SUB power is connected. The City of Springfield will obtain the electrical service permit.

Payment shall be for the installation of Each (EA) 200amp Service Cabinet complete in place.

In the event that it is necessary to further amend, revise or supplement any part this Invitation to Bid additional addenda will be posted on the City's website at http://www.springfield-or.gov/dpw/P21101_Downtown_Lighting_Phase_1.htm.

The City shall make a reasonable effort to notify all individuals, firms, and corporations to whom the City provided the initial Invitation to Bid and those individuals that attended a Pre-Bid meeting and provided contact information on the sign-in sheet when addenda are issued. Failure of the Contractor to receive or obtain such addenda shall not excuse them from compliance, if they are awarded the Contract. The City is not responsible for any explanation, clarification, interpretation or approval made or given in any manner except by written addenda issued by City.

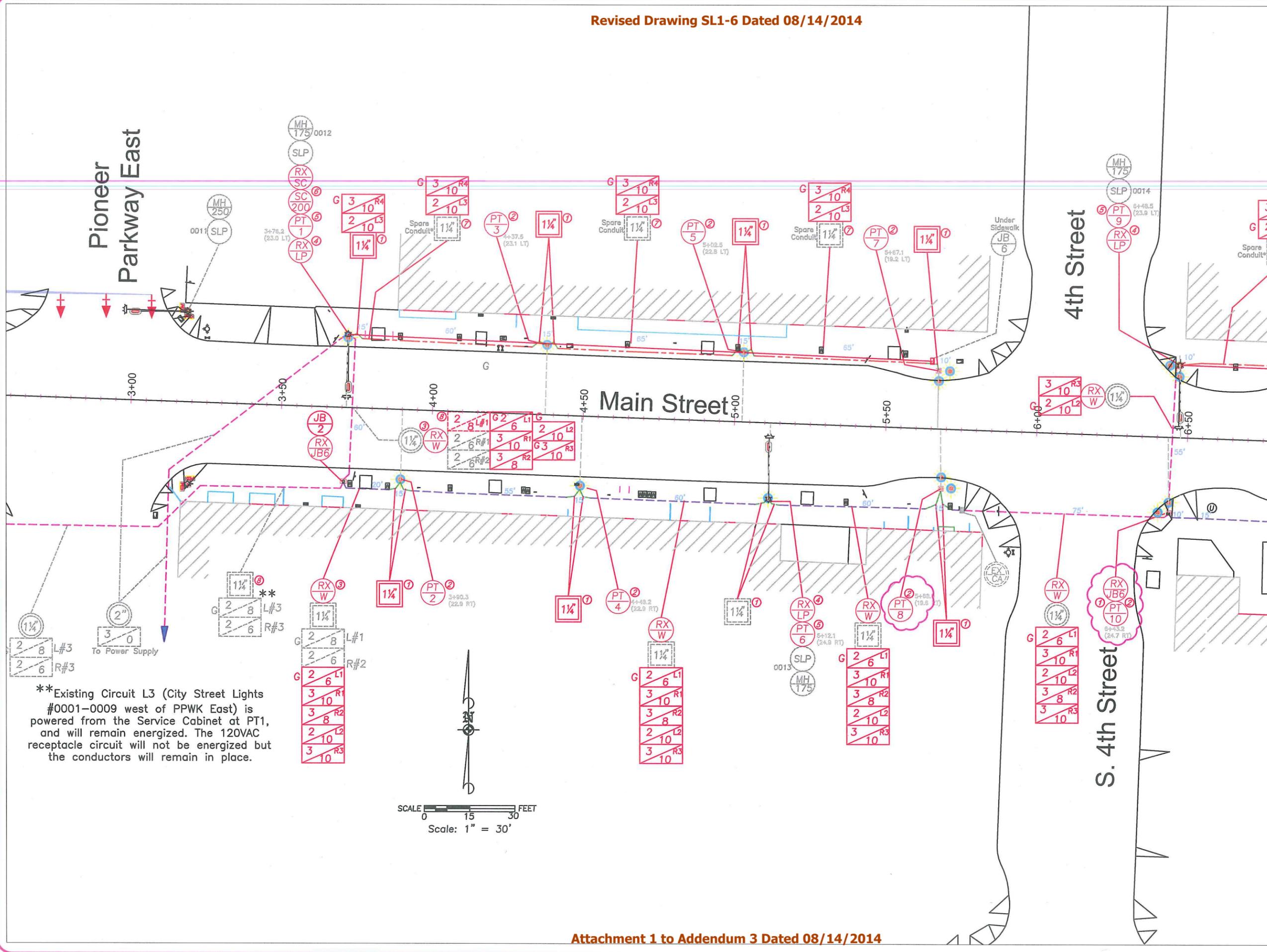
All Addenda issued are considered to be part of the specifications of the Invitation to Bid and, as such, are incorporated into the Contract as specified in Section 104.02 of the Standard Construction Specifications.

By signing below, I acknowledge the receipt of the following Addenda documents and certify that the specifications contained have been considered and incorporated into the bid as presented. No other terms or conditions of the Invitation to Bid are changed as a result of this addendum.

ALL BIDDERS MUST ACKNOWLEDGE THIS ADDENDUM BY SIGNING AND DATING THIS DOCUMENT AND INCLUDING IT AS PART OF THEIR SUBMITTAL PACKAGE.

Signature

Date



**Existing Circuit L3 (City Street Lights #0001-0009 west of PPWK East) is powered from the Service Cabinet at PT1, and will remain energized. The 120VAC receptacle circuit will not be energized but the conductors will remain in place.

PROJ #	P21101
SHEET #	SL1-6

Downtown Lighting
(Phase 1) P21101
Illumination Plan

Engineering & Transportation
Division Services

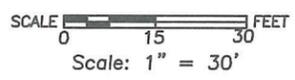
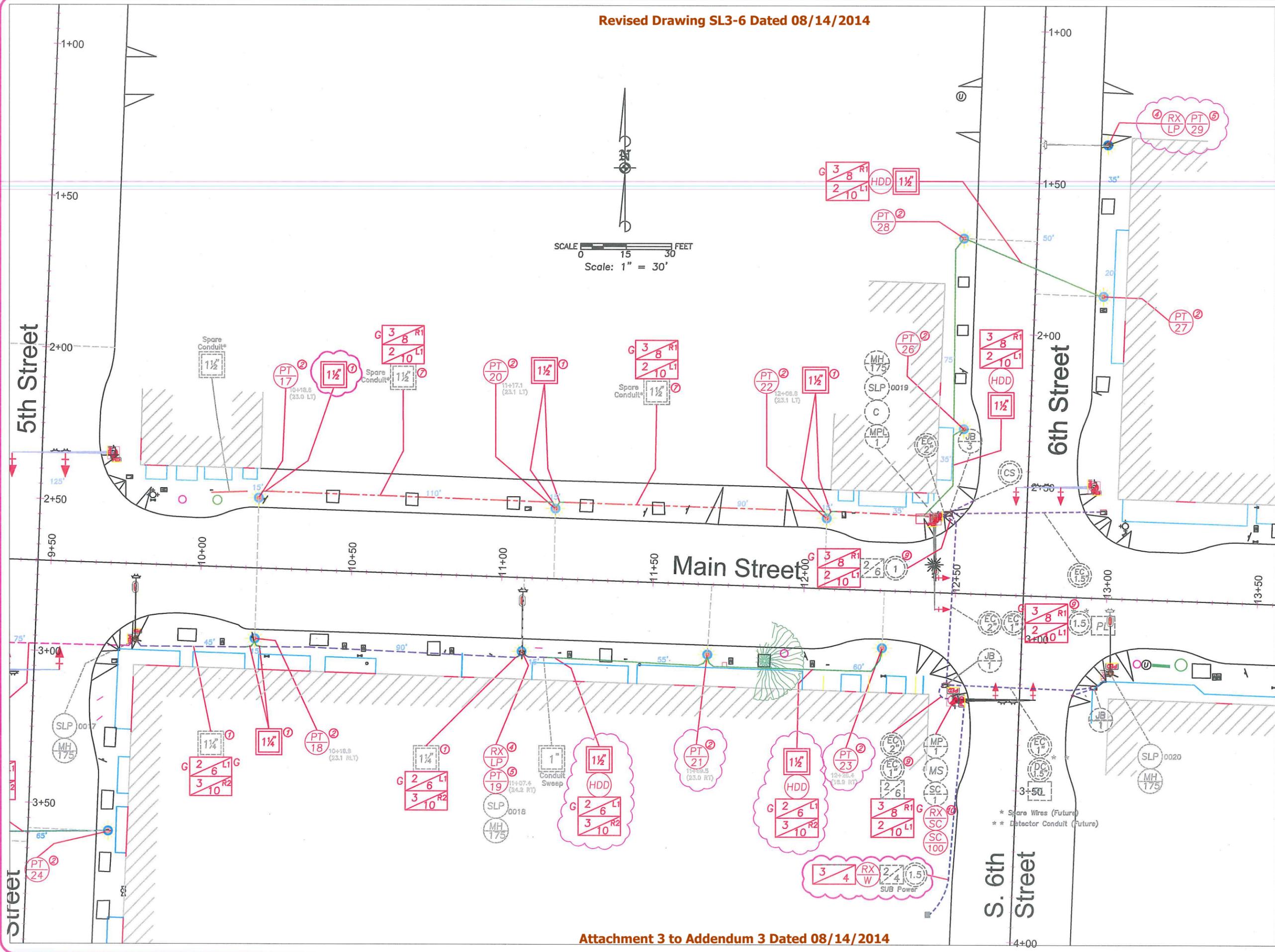


REGISTERED PROFESSIONAL
ENGINEER
19,697PPE
BRIAN F. BARNETT
MAY 5, 2008
OREGON

EXPIRES 12-31-15

NO	REVISION	DATE	BY	APPR
1	Added Note & PT8 B/L2 DRE BFB Cloud Revision	8/12/14	DRB	

SCALE: 1" = 30'
DATE: 8/12/14
DRAWN BY: DRB
DESIGNED BY: DRB
CHECKED BY: BFB
FILE: P21101 Downtown Lighting Dean.dwg



NO	REVISION	DATE BY	APPR.
1	HDD & RX/LP Cloud Revision	8/14	BFB
1	Added Note 2 PT21 & PT23	8/12	BFB

ENGINEERS STAMP

REGISTERED PROFESSIONAL ENGINEER
 19 697PE
 OREGON
 MAY 5, 2009
 BRIAN F. BARNETT

FILE: P21101 Downtown Lighting Deca.dwg
 EXPIRES 12-31-15

Engineering & Transportation Division Services

SPRINGFIELD OREGON

Downtown Lighting (Phase 1) P21101 Illumination Plan

PROJ # P21101
 SHEET # SL3-6

MONTHLY SYSTEM ENERGY UTILIZATION			
CABINET SC-200			
1767 KWH @ 365 HR./MO.			
ROADWAY DESIGN VALUES**			
LOCATION	AVERAGE MAINTAINED ILLUMINANCE (fc)	UNIFORMITY (AVG/MIN)	
MAIN STREET	1.5	3:1	
MAIN STREET/4th STREET	2.2	3:1	
MAIN STREET/5th STREET	2.5	3:1	
MAIN STREET/6th STREET	2.2	3:1	
SOUTH 5th STREET	1.0	4:1	
6th STREET	0.8	6:1	
ROADWAY ACHIEVED VALUES			
MAIN STREET	2.0-2.4	2.0-3.0:1	
MAIN STREET/4th STREET	2.3	2.3:1	
MAIN STREET/5th STREET	2.2	2.4:1	
MAIN STREET/6th STREET	2.1	2.3:1	
SOUTH 5th STREET	1.3	3.3:1	
6th STREET	2.0	6.7:1	
SIDEWALKS			
	AVG. HORIZONTAL	MIN. VERTICAL	UNIFORMITY
DESIGN	0.7	0.4	4:1
ACHIEVED	0.7-1.2 (.85)	00	1.5-5.0:1 (2.68:1)

** - Design values calculated using 'Visual 2012' photometric lighting program. (Main Street Acad 2.vsl 6/10/2014)

LIGHT POLE TABLE												
POLE NO.	STATION		LUMINAIRE				POLE DATA					
			LAMP (Watts)	LINE VOLT	TYPE	COLOR TEMP	POLE HEIGHT (ft)	BASE TYPE	SHAFT SIZE	Bolt Circle & Orientation	OPTIONS	OPTIONS DESCRIPTION
1	3+76.2 (23.0 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F-Exist	SL4	18"	SL4-12-45 W/Epoxy Bolts	Steel Pole
2	3+90.3 (22.9 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
3	4+37.5 (23.1 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
4	4+49.2 (22.9 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
5	5+02.5 (22.8 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
6	5+12.1 (24.9 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F-Exist	SL4	STD-45	SL4-12-45 W/Epoxy Bolts	Steel Pole
7	5+67.1 (19.2 LT)	Main St.	100W LED	240V	M-C-III	4000K	16	F	SL5	Standard	Lum Arm 2'	XXXXX
8	5+68.0 (19.6 RT)	Main St.	100W LED	240V	M-C-III	4000K	16	F	SL5	Standard	Lum Arm 2'	XXXXX
9	6+48.5 (23.9 LT)	Main St.	100W LED	240V	M-C-III	4000K	16	F-Exist	SL5	STD-45	Lum Arm 2'	Steel Pole SL5-16-45 W/Epoxy Bolts
10	6+43.2 (24.7 RT)	Main St.	100W LED	240V	M-C-III	4000K	16	F	SL5	Standard	Lum Arm 2'	XXXXX
11	7+30.1 (22.9 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
12	7+67.7 (24.4 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F-Exist	SL4	STD-45	SL4-12-45 W/Epoxy Bolts	Steel Pole
13	8+10.2 (23.0 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
14	8+38.9 (22.8 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
15	8+92.5 (19.2 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
16	9+00.1 (19.6 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
17	10+18.6 (23.0 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
18	10+18.6 (23.1 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
19	11+07.4 (24.2 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F-Exist	SL4	STD-45	SL4-12-45 W/Epoxy Bolts	Steel Pole
20	11+17.1 (23.1 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
21	11+69.5 (23.0 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
22	12+06.8 (23.1 LT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
23	12+26.4 (18.9 RT)	Main St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
24	3+58.4 (27.0 LT)	S.5th St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
25	3+63.0 (27.8 RT)	S.5th St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
26	2+32.9 (21.8 RT)	6th St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
27	1+86.4 (22.6 LT)	6th St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
28	1+69.2 (24.1 RT)	6th St.	100W LED	240V	M-C-III	4000K	12	F	SL4	Standard		
29	1+36.8 (22.3 LT)	6th St.	100W LED	240V	M-C-III	4000K	12	F-Exist	SL4	15"-45	SL4-19-12 W/Epoxy Bolts	Steel Pole

Springfield Downtown Lighting Project 21101
Requirements Common to all Illumination Poles

Pole Series: SiteLink
Base: Wadsworth
Material: Aluminum
Tenon Size: P07, P08 on Poles 7-10
Pole Mounts: ABG
Color: Black
Options: R138A (Receptacle Height 138" above Grade, 0 Degrees orientation from hand hole-CCW)
FGFUS-SBKH: Receptacle Type Small in Use.

LED = Light-Emitting Diode
M-C-III = Medium-Cutoff-Type 3 light distribution
F = Fixed Base
Exist = Existing

NO	REVISION	DATE	BY	APPR.
1	PT19, 20 & 28 Base fix Cloud Revision	8/12/14	BFB	

SCALE: 1" = 30'
DATE: 8/12/14
DRAWN BY: DRB
DESIGNED BY: DRB
CHECKED BY: BFB



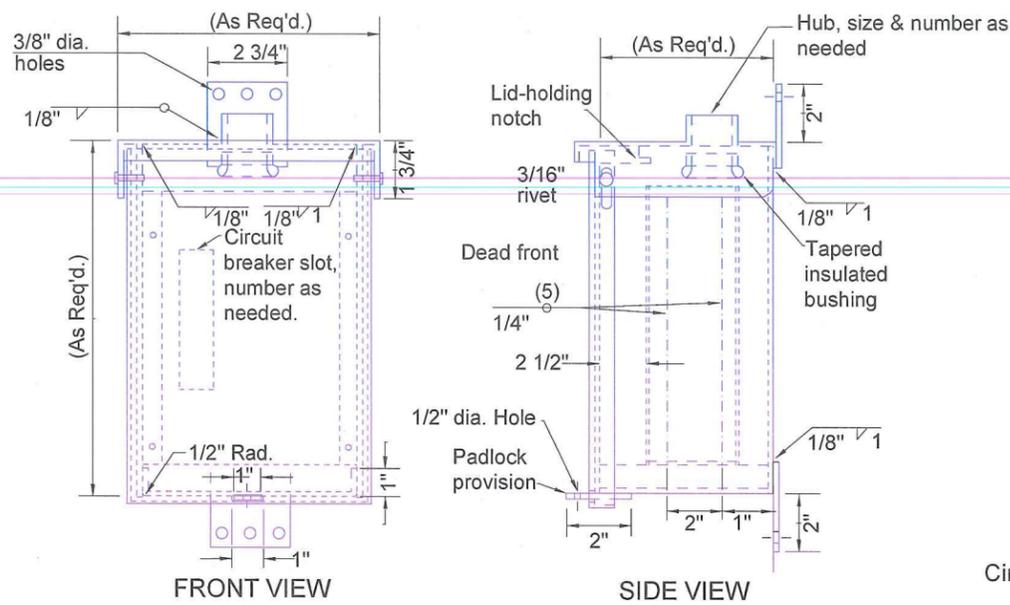
FILE: P21101 Downtown Lighting Dean.dwg

Engineering & Transportation Division Services

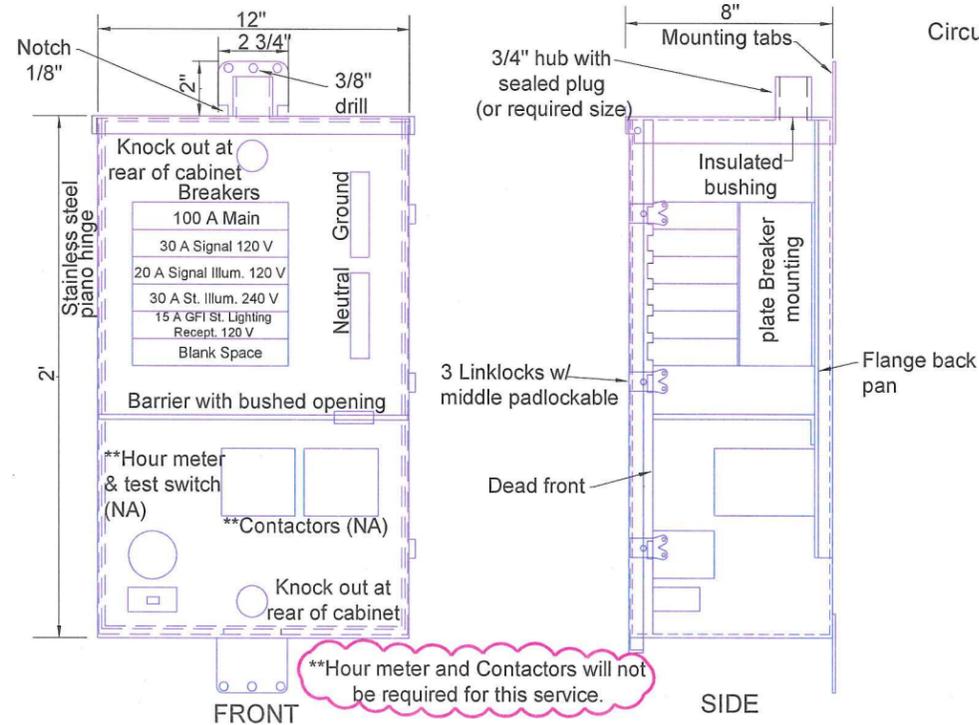


Downtown Lighting
(Phase 1) P21101
Light Pole Table

PROJ # P21101
SHEET # SL5-6



SERVICE CABINET



**TYPE "B" SERVICE CABINET
 (FOR NON-ODOT PROJECTS)**

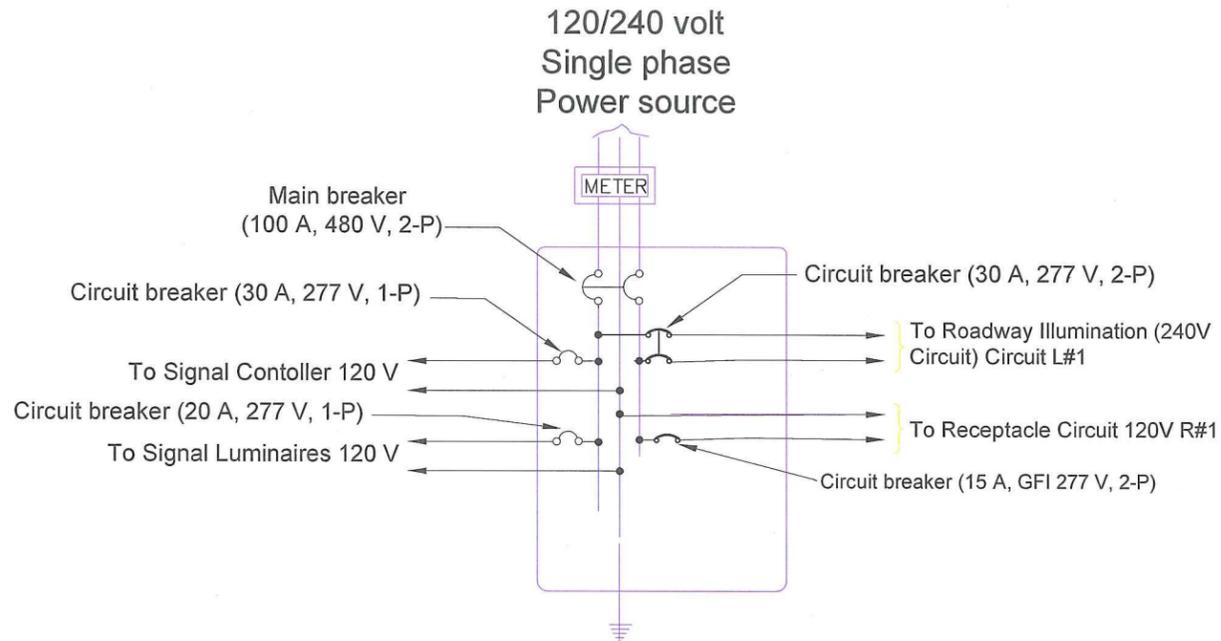
Note: Fabrication: Use 11 gauge 304 #4 stainless steel, spot welded construction, UL listed as service equipment, label cutout box raintight.

**Hour meter and Contactors will not be required for this service.

Note: All bolts, nuts and washers shall be stainless steel unless noted otherwise.

See TM424 or TM426 for service type and details

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.



SC 100 SERVICE CABINET WIRING WITH 240 VOLT ILLUMINATION

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWING
 Modified for Downtown Lighting Project P21101

SERVICE CABINETS

2002

DATE	REVISIONS DESCRIPTION
5-03	Removed three diagrams
1-04	Removed Service Cabinet size for wiring diagrams

TM427 (Modified)

NO	REVISION	DATE BY APPR.
1	TM427 Modified	B/14/DRB BFB

SCALE: 1" = 30"
 DATE: 8/12/14
 DRAWN BY: DRB
 DESIGNED BY: DRB
 CHECKED BY: BFB
 FILE: P21101 Downtown Lighting Dean.dwg

ENGINEERS STAMP
 REGISTERED PROFESSIONAL ENGINEER
 19,697 PE
 OREGON
 MAY 5 1988
 BRIAN F. BARRETT
 EXPIRES 12-31-15



Downtown Lighting
 (Phase 1) P21101
 Service Cabinet
 ODOT TM427

PROJ #	P21101
SHEET #	SL-TM427