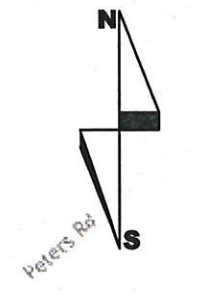


# VICINITY MAP



**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

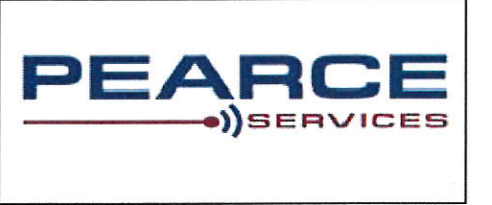
SCALE: NTS



ENGINEER: WINDSTREAM DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS LA CROSSE WEST TIE

SHEET: LOCATION REV: DATE: 12/18/18





**WORK ORDER UNIT SUMMARY**

<b>EXCHANGE NAME:</b>								<b>W.O. #</b>	<b>718683573</b>
<b>W.O. TITLE:</b>									
	<b>SHEET # 03</b>	<b>SHEET # 04</b>	<b>SHEET # 06</b>	<b>SHEET # 07</b>	<b>SHEET # 09</b>	<b>SHEET # 10</b>	<b>SHEET # 11</b>	<b>TOTAL</b>	
<b>UNIT CODE:</b>	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY		
HBFO(24)	1						1	2	
HO1(B)	12						12	24	
BM2C	1						1	2	
BM81F	2.5							2.5	
WBM81F							2	2	
CO24( E )							717	717	
CO24(10M)	4253							4253	
WBHF							1	1	
PE1-3	1	1		3	1		2	8	
PF1-5A	1	1		3	1		2	8	
PE2-3							3	3	
PM92	1	2		2	1		1	7	
PM2A								10	

**SAINT ANDREWS ST & ROSE ST**

LA CROSSE COUNTY, LA CROSSE, IA  
CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'



ENGINEER: WINDSTREAM  
DENNIS RUESS  
FIELD ENGINEER: PEARCE SERVICES  
NICHOLAS BRUEGGEMANN  
DRAWN BY: PEARCE SERVICES  
DANE RICH

PROJECT NUMBER: 718683573  
EXCHANGE: LCRSWI  
PROJECT TITLE: GR LCRSWI OPGW BYPASS  
LA CROSSE WEST TIE  
SHEET: 02 OF 11 REV: DATE: 12/18/18



NOTE:  
 - EXISTING HANDHOLE PLACED ON 11/27/18.  
 WILL BE INSTALLED WHEN AERIAL FIBER BUILT.  
 SPLICE AND SLACK WILL BE INSTALLED WHEN AERIAL IS INSTALLED.  
 (1)1.25" DUCT ALSO PLACED FROM HANDHOLE TO POLE.  
 - BOND STRAND TO POWER GROUND AS NEEDED.

STA 0+01 EXISTING HANDHOLE POLE #1  
 STA 0+06

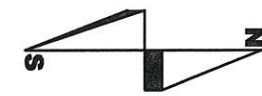
STA 1+00 TEL MANHOLE  
 STA 1+23 POLE #2

STA 2+17 POLE #3

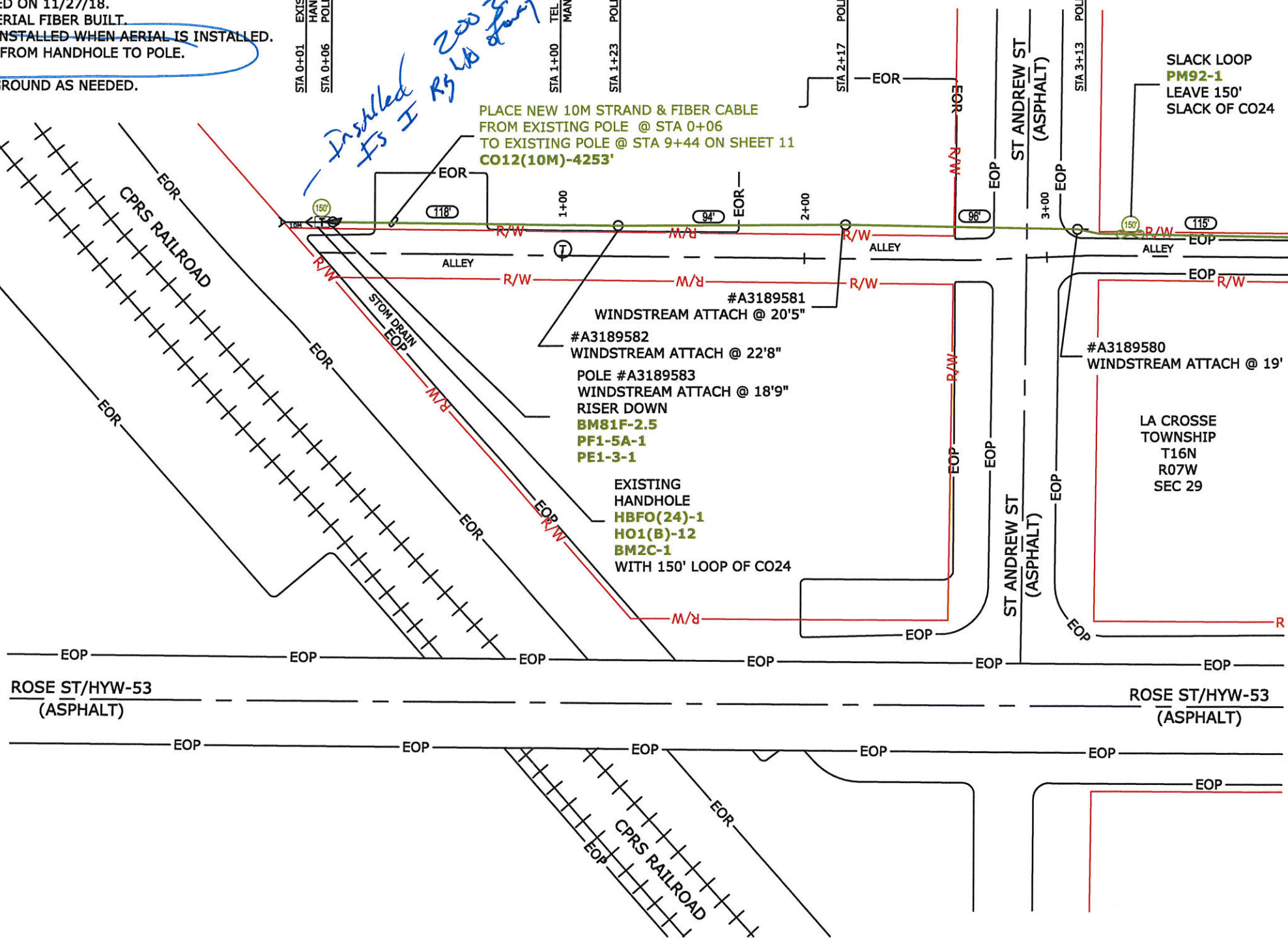
STA 3+13 POLE #4

PLACE NEW 10M STRAND & FIBER CABLE FROM EXISTING POLE @ STA 0+06 TO EXISTING POLE @ STA 9+44 ON SHEET 11 CO12(10M)-4253'

*Installed 2003 or sooner of Sponer Alley*  
*McLeod KDC* ← *Pactec*



UNIT SUMMARY	
HBFO(24)	1
HO1(B)	12
BM2C	1
BM81F	2.5
PE1-3	1
PF1-5A	1
CO12(10M)	4253'
PM92	1



TO SHEET 04

**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'

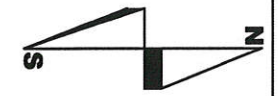
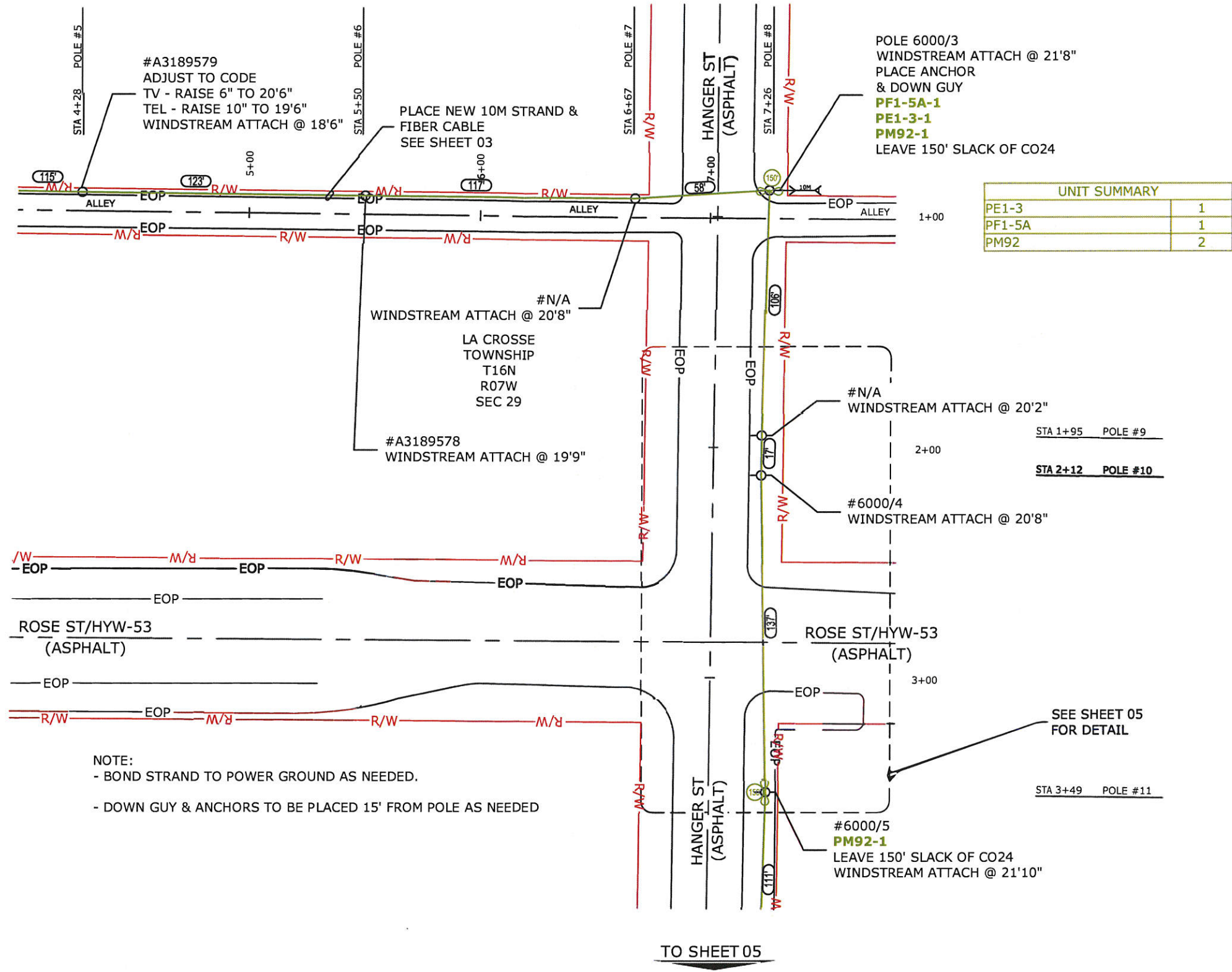


ENGINEER: WINDSTREAM DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS LA CROSSE WEST TIE  
 SHEET: 03 OF 11 REV: DATE: 12/18/18







TO SHEET 03

TO SHEET 05

**SAINT ANDREWS ST & ROSE ST**  
LA CROSSE COUNTY, LA CROSSE, IA  
CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'



ENGINEER: WINDSTREAM DENNIS RUESS  
FIELD ENGINEER: PEARCE SERVICES NICHOLAS BRUEGGEMANN  
DRAWN BY: PEARCE SERVICES DANE RICH

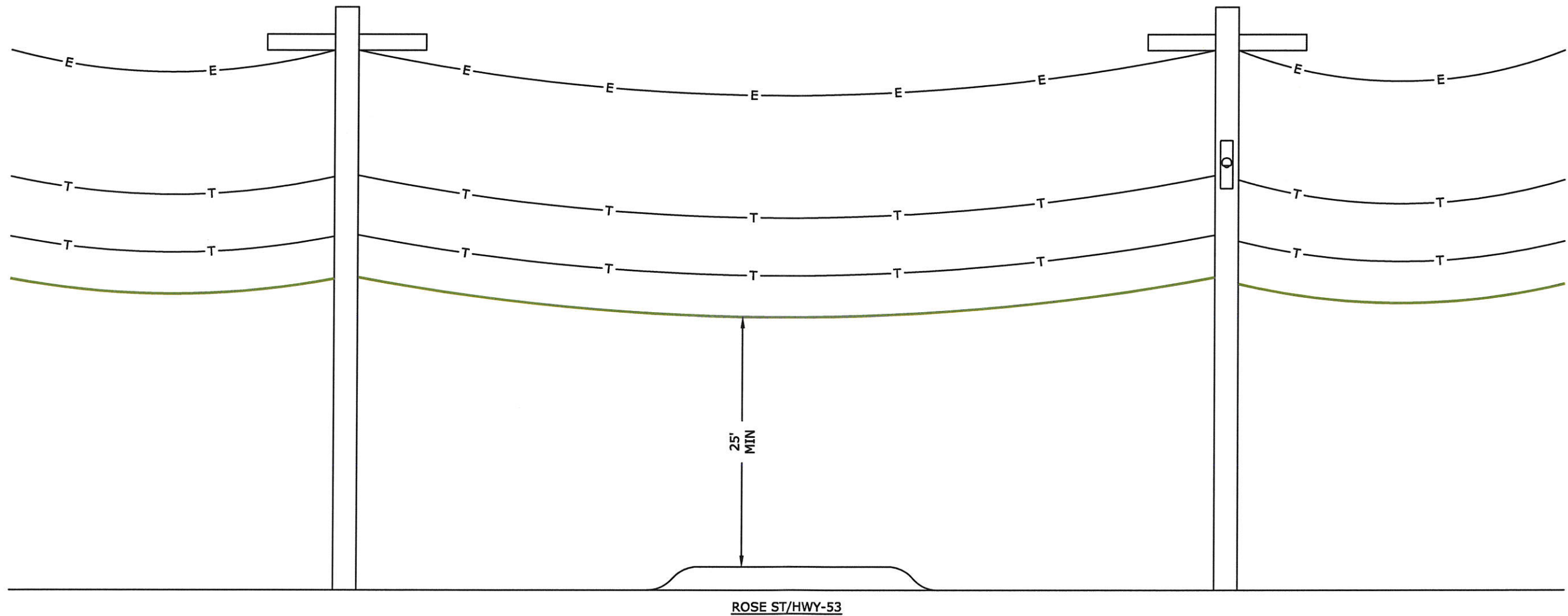
PROJECT NUMBER: 718683573  
EXCHANGE: LCRSWI  
PROJECT TITLE: GR LCRSWI OPGW BYPASS LA CROSSE WEST TIE

SHEET: 04 OF 11 REV: DATE: 12/18/18



**POLE #10**  
 50/3  
 LOWEST POWER - 32' 8"  
 HIGHEST COM - 24'7"  
 LOWEST COM - 21'8"  
 WINDSTREAM ATTACH @ 20'8"

**POLE #11**  
 50/3  
 LOWEST POWER - 38' 3"  
 STREET LIGHT - 28'4"  
 HIGHEST COM - 25'5"  
 LOWEST COM - 22'10"  
 WINDSTREAM ATTACH @ 21'10"



**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'

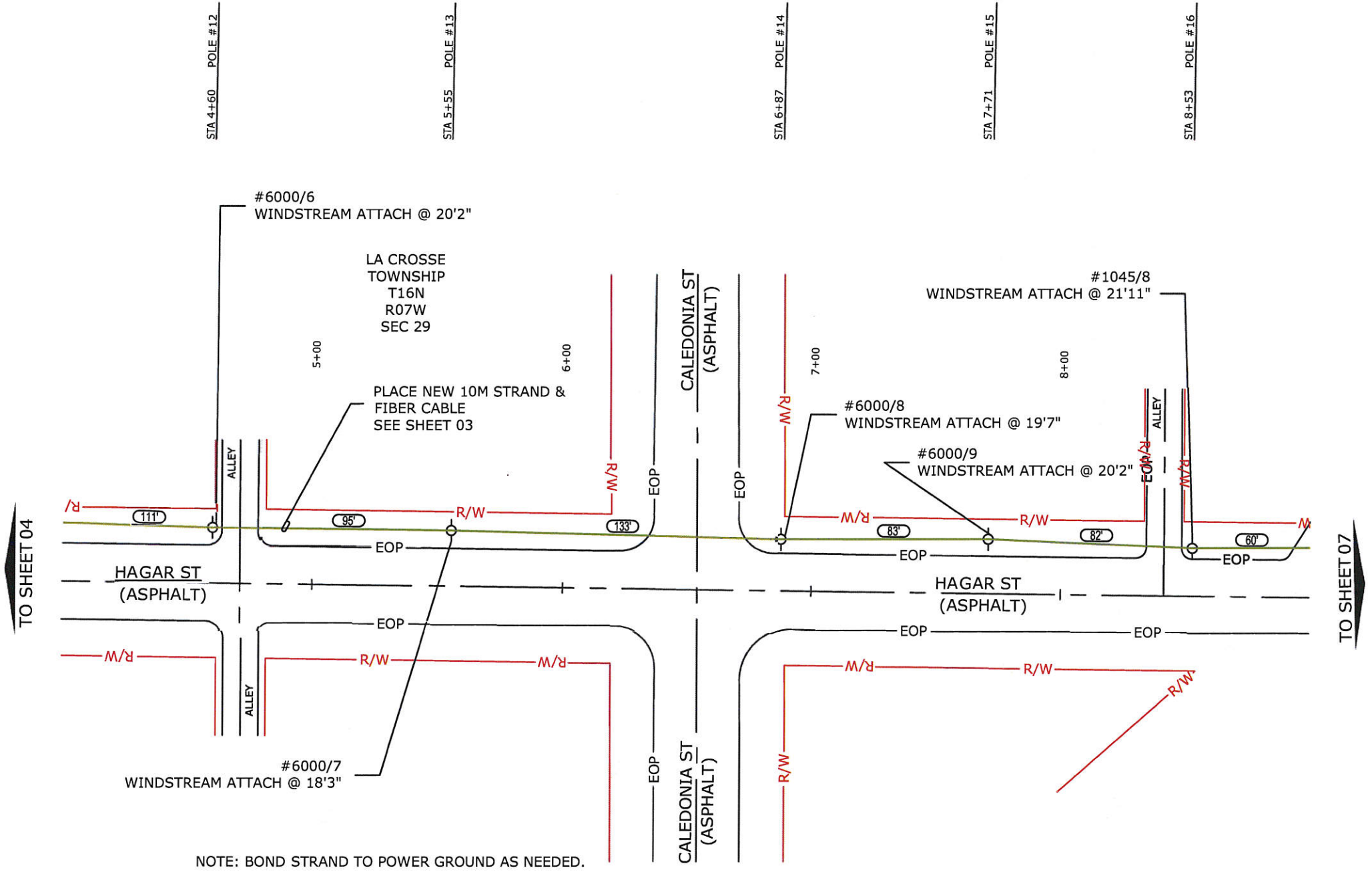


ENGINEER: WINDSTREAM  
 DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES  
 NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES  
 DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS  
 LA CROSSE WEST TIE  
 SHEET: 05 OF 11 REV: DATE: 12/18/18







TO SHEET 04

TO SHEET 07

NOTE: BOND STRAND TO POWER GROUND AS NEEDED.

**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

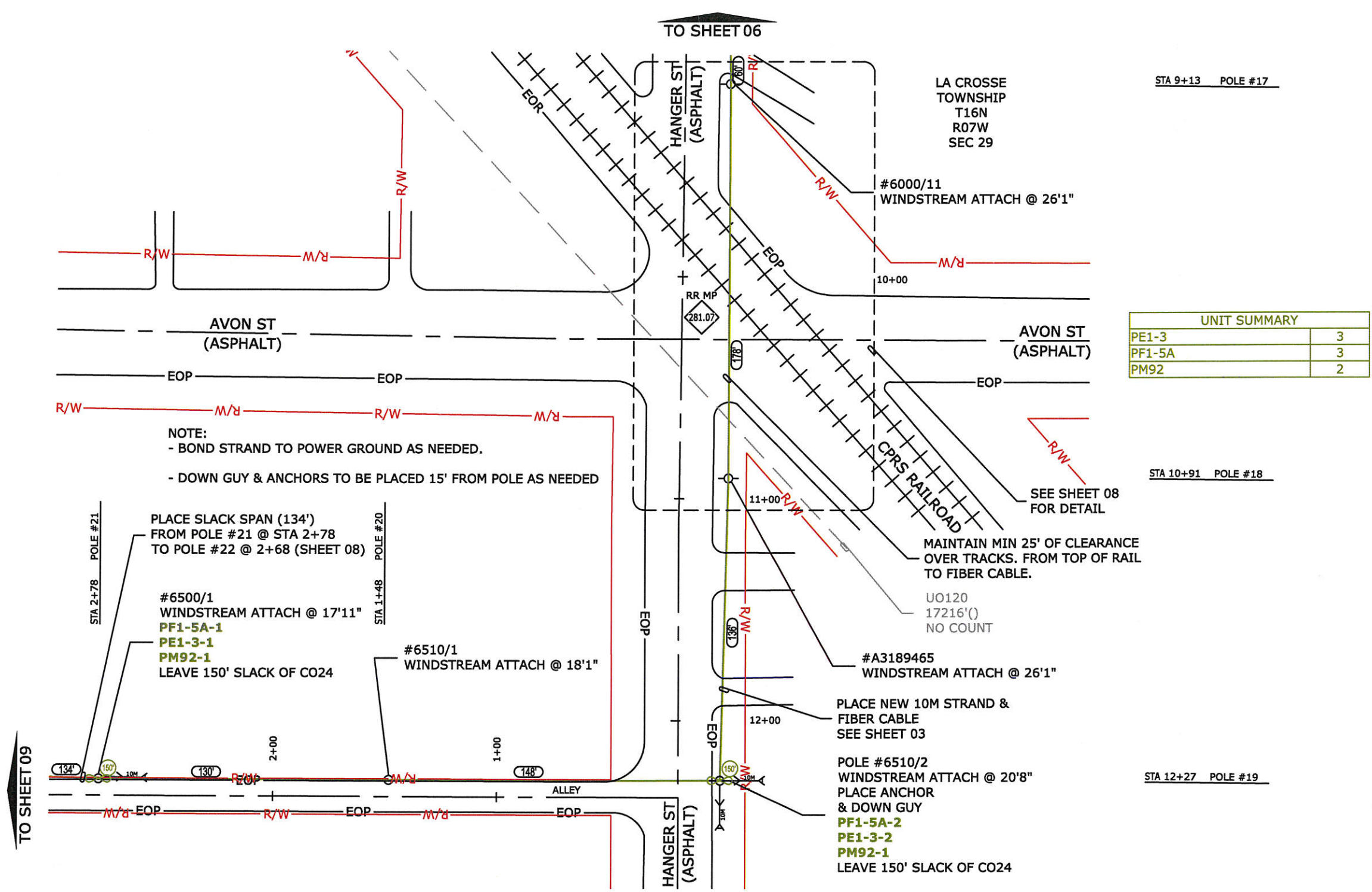
SCALE: 1"=50'



ENGINEER: WINDSTREAM DENNIS RUSS  
 FIELD ENGINEER: PEARCE SERVICES NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS LA CROSSE WEST TIE  
 SHEET: 06 OF 11 REV: DATE: 12/18/18





UNIT SUMMARY	
PE1-3	3
PF1-5A	3
PM92	2

**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'



ENGINEER: WINDSTREAM DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES DANE RICH

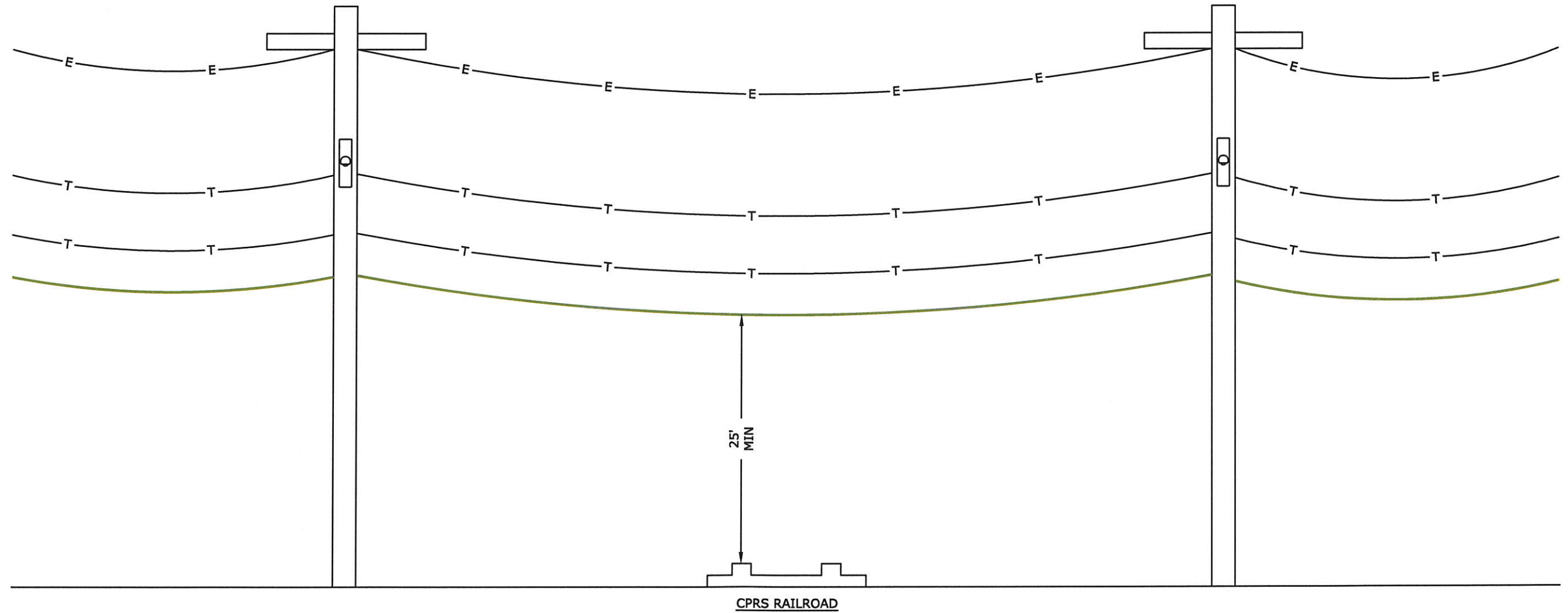
PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS LA CROSSE WEST TIE  
 SHEET: 07 OF 11 REV: DATE: 12/18/18





**POLE #17**  
 50/3  
 LOWEST POWER - 39' 10"  
 STREET LIGHT - 31'7"  
 HIGHEST COM - 30'8"  
 LOWEST COM - 27'1"  
 WINDSTREAM ATTACH @ 26'1"

**POLE #18**  
 50/3  
 LOWEST POWER - 36' 0"  
 STREET LIGHT - 31'7"  
 HIGHEST COM - 30'10"  
 LOWEST COM - 27'1"  
 WINDSTREAM ATTACH @ 26'1"



**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'

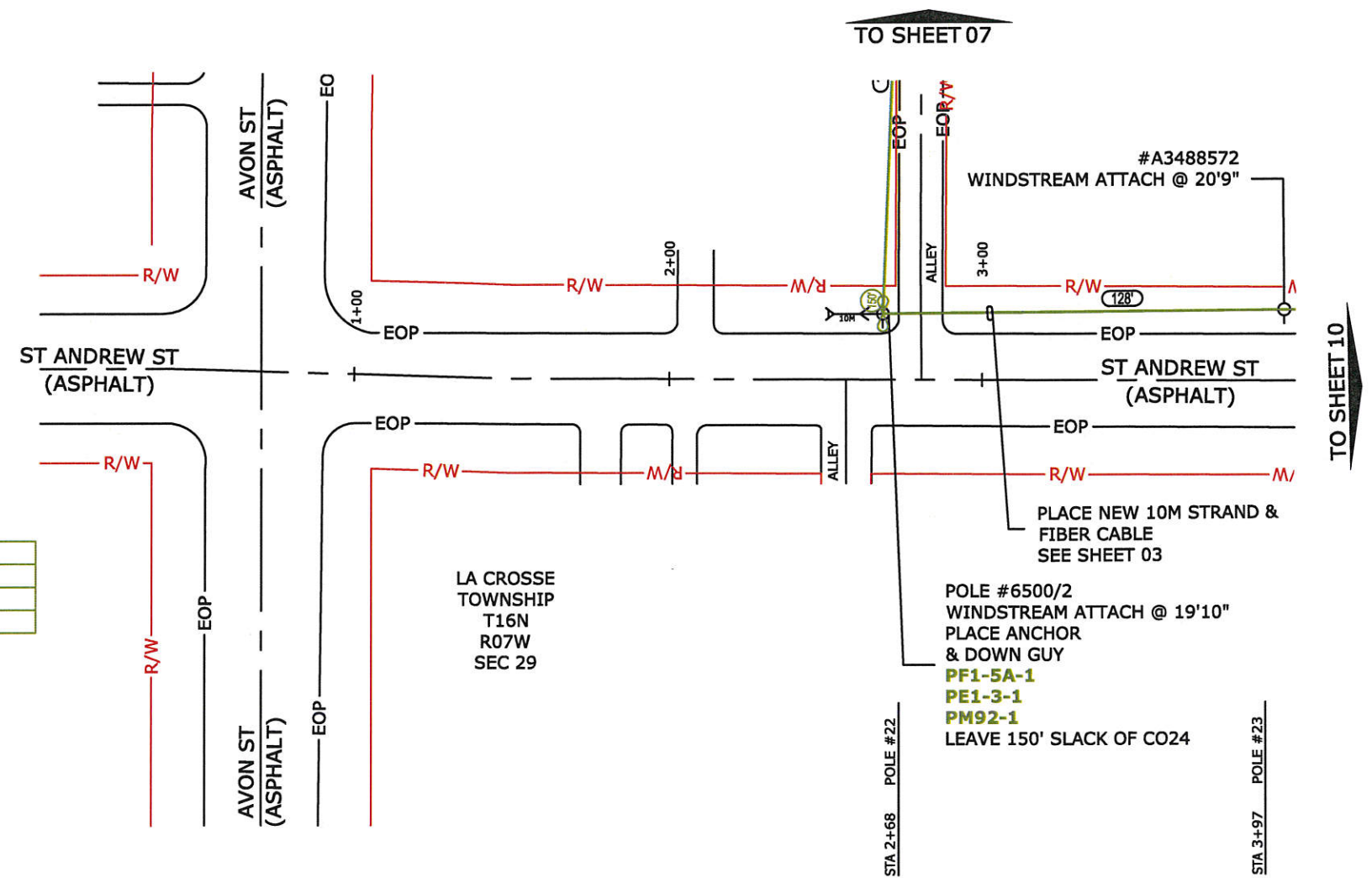


ENGINEER: WINDSTREAM  
 DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES  
 NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES  
 DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS  
 LA CROSSE WEST TIE  
 SHEET: 08 OF 11 REV: DATE: 12/18/18







UNIT SUMMARY	
PE1-3	2
PF1-5A	2
PM92	1

NOTE:  
 - BOND STRAND TO POWER GROUND AS NEEDED.  
 - DOWN GUY & ANCHORS TO BE PLACED 15' FROM POLE AS NEEDED

**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

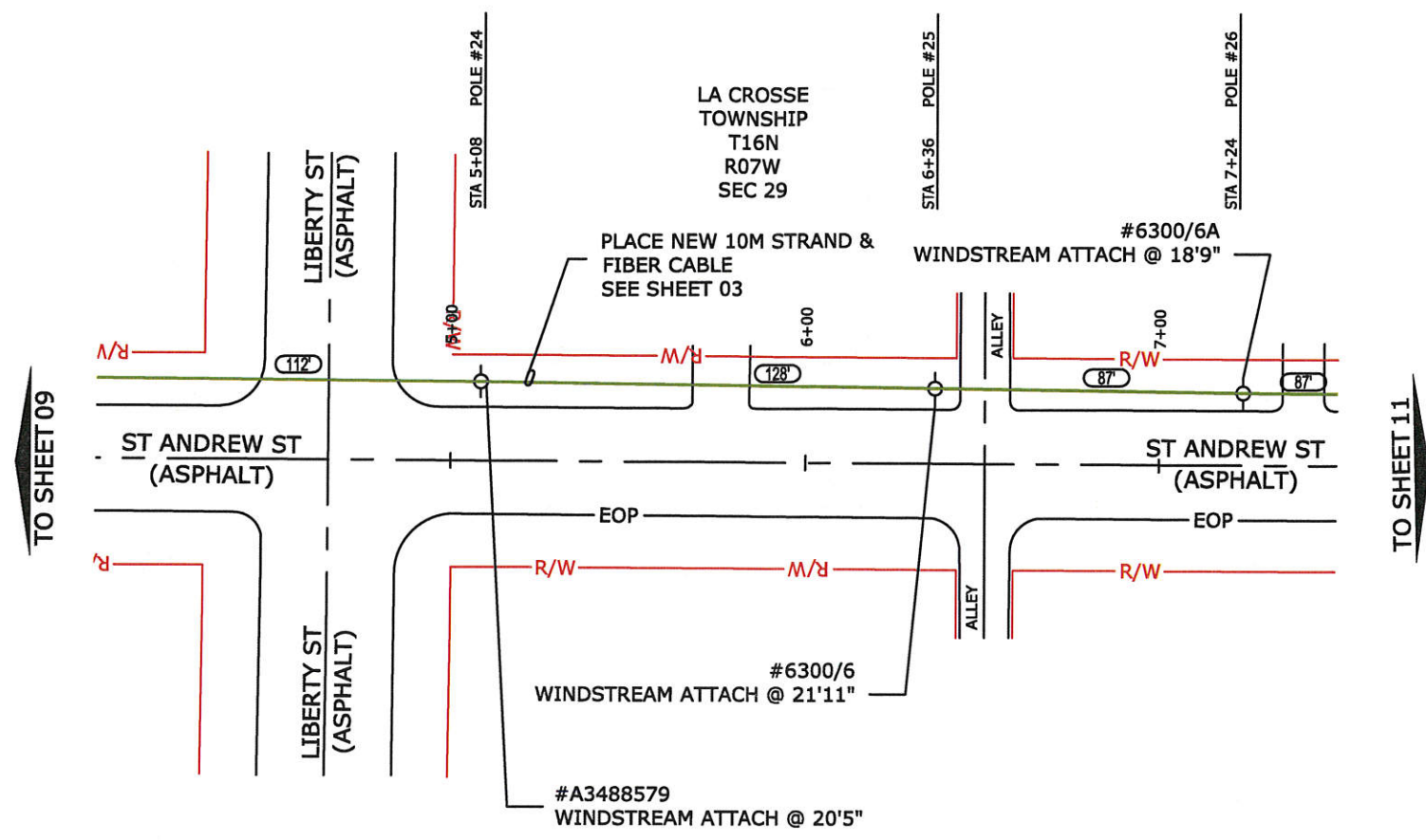
SCALE: 1"=50'



ENGINEER: WINDSTREAM  
 DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES  
 NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES  
 DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS  
 LA CROSSE WEST TIE  
 SHEET: 09 OF 11 REV: DATE: 12/18/18





NOTE: BOND STRAND TO POWER GROUND AS NEEDED.

**SAINT ANDREWS ST & ROSE ST**  
 LA CROSSE COUNTY, LA CROSSE, IA  
 CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'



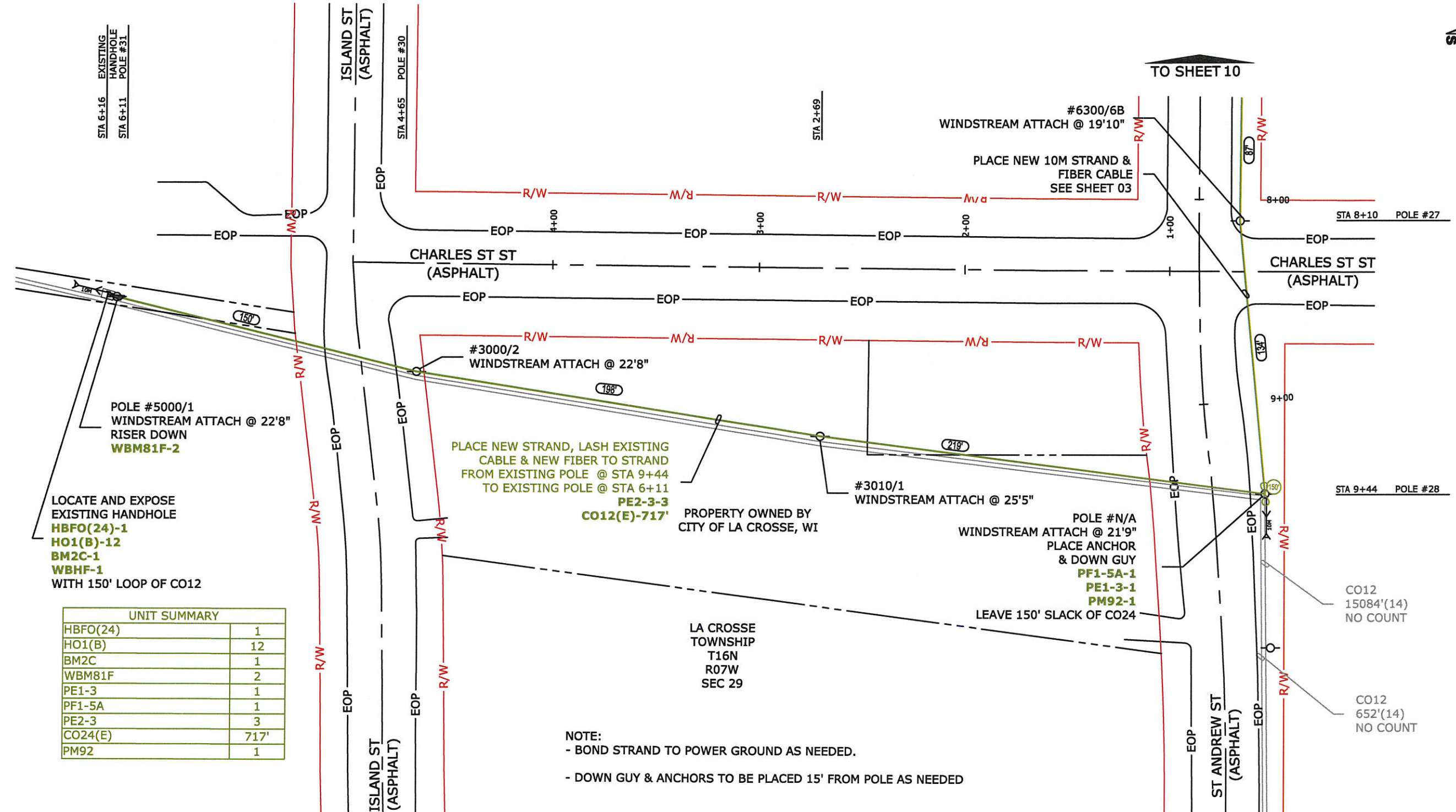
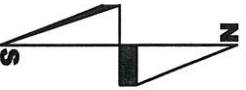
ENGINEER: WINDSTREAM DENNIS RUESS  
 FIELD ENGINEER: PEARCE SERVICES NICHOLAS BRUEGGEMANN  
 DRAWN BY: PEARCE SERVICES DANE RICH

PROJECT NUMBER: 718683573  
 EXCHANGE: LCRSWI  
 PROJECT TITLE: GR LCRSWI OPGW BYPASS LA CROSSE WEST TIE

SHEET: 10 OF 11 REV: DATE: 12/18/18







LOCATE AND EXPOSE  
EXISTING HANDHOLE  
HBFO(24)-1  
HO1(B)-12  
BM2C-1  
WBHF-1  
WITH 150' LOOP OF CO12

UNIT SUMMARY	
HBFO(24)	1
HO1(B)	12
BM2C	1
WBM81F	2
PE1-3	1
PF1-5A	1
PE2-3	3
CO24(E)	717'
PM92	1

PLACE NEW STRAND, LASH EXISTING  
CABLE & NEW FIBER TO STRAND  
FROM EXISTING POLE @ STA 9+44  
TO EXISTING POLE @ STA 6+11  
PE2-3-3  
CO12(E)-717'

PROPERTY OWNED BY  
CITY OF LA CROSSE, WI

LA CROSSE  
TOWNSHIP  
T16N  
R07W  
SEC 29

NOTE:  
- BOND STRAND TO POWER GROUND AS NEEDED.  
- DOWN GUY & ANCHORS TO BE PLACED 15' FROM POLE AS NEEDED

**SAINT ANDREWS ST & ROSE ST**  
LA CROSSE COUNTY, LA CROSSE, IA  
CITY & WIDOT PERMIT REQUIRED

SCALE: 1"=50'



ENGINEER: WINDSTREAM  
DENNIS RUESS  
FIELD ENGINEER: PEARCE SERVICES  
NICHOLAS BRUEGGEMANN  
DRAWN BY: PEARCE SERVICES  
DANE RICH

PROJECT NUMBER: 718683573  
EXCHANGE: LCRSWI  
PROJECT TITLE: GR LCRSWI OPGW BYPASS  
LA CROSSE WEST TIE  
SHEET: 11 OF 11 REV: DATE: 12/18/18

