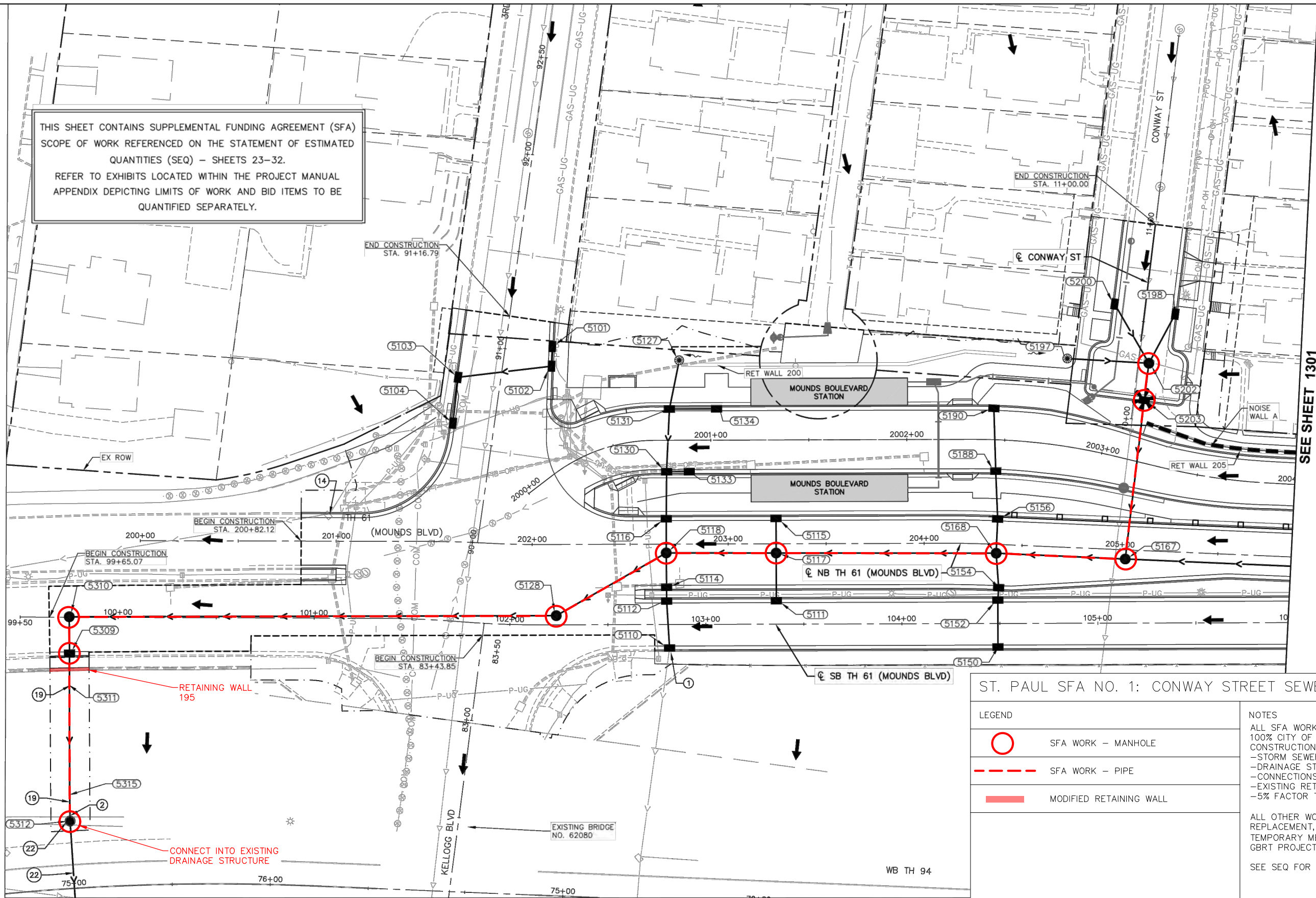
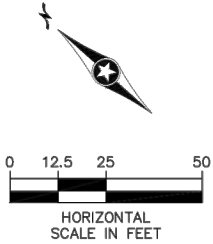


Jul, 27 2021 01:43 pm C:\caddlib\pw\gic3d\0228424\SEG2-STM-PLN.dwg By: dolson



THIS SHEET CONTAINS SUPPLEMENTAL FUNDING AGREEMENT (SFA)
SCOPE OF WORK REFERENCED ON THE STATEMENT OF ESTIMATED
QUANTITIES (SEQ) - SHEETS 23-32.
REFER TO EXHIBITS LOCATED WITHIN THE PROJECT MANUAL
APPENDIX DEPICTING LIMITS OF WORK AND BID ITEMS TO BE
QUANTIFIED SEPARATELY.

SEE SHEET 1301



ST. PAUL SFA NO. 1: CONWAY STREET SEWER SEPARATION (1 OF 1)

LEGEND	
	SFA WORK - MANHOLE
	SFA WORK - PIPE
	MODIFIED RETAINING WALL

NOTES
ALL SFA WORK (SHOWN IN RED) IS ASSUMED TO BE 100% CITY OF ST. PAUL AND INCLUDED IN THE SFA CONSTRUCTION COST INCLUDING:
-STORM SEWER
-DRAINAGE STRUCTURES
-CONNECTIONS INTO DOWNSTREAM STORM SEWER
-EXISTING RETAINING WALL MODIFICATION
-5% FACTOR TO COVER MOBILIZATION

ALL OTHER WORK NOT SHOWN IN RED (PAVEMENT REPLACEMENT, TRAFFIC CONTROL, AND OTHER TEMPORARY MEASURES) ARE ASSUMED TO BE 100% GBRT PROJECT COSTS.

SEE SEQ FOR SEPERATE COST ESTIMATES

NO.	REVISIONS	BY	APP	DATE

DRAWN: DWO
DESIGNED: DSP
CHECKED: DWF

Kimley»Horn

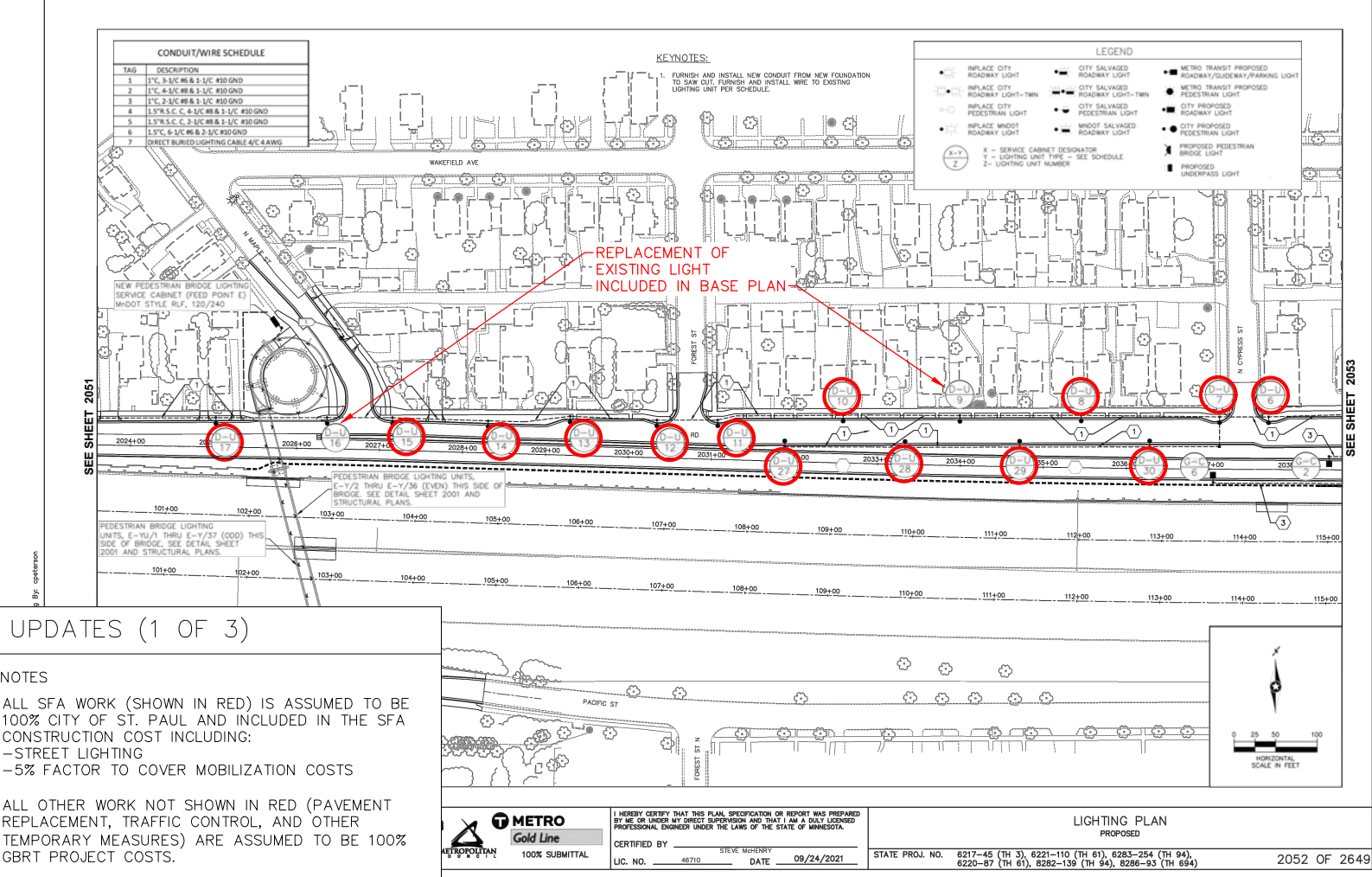
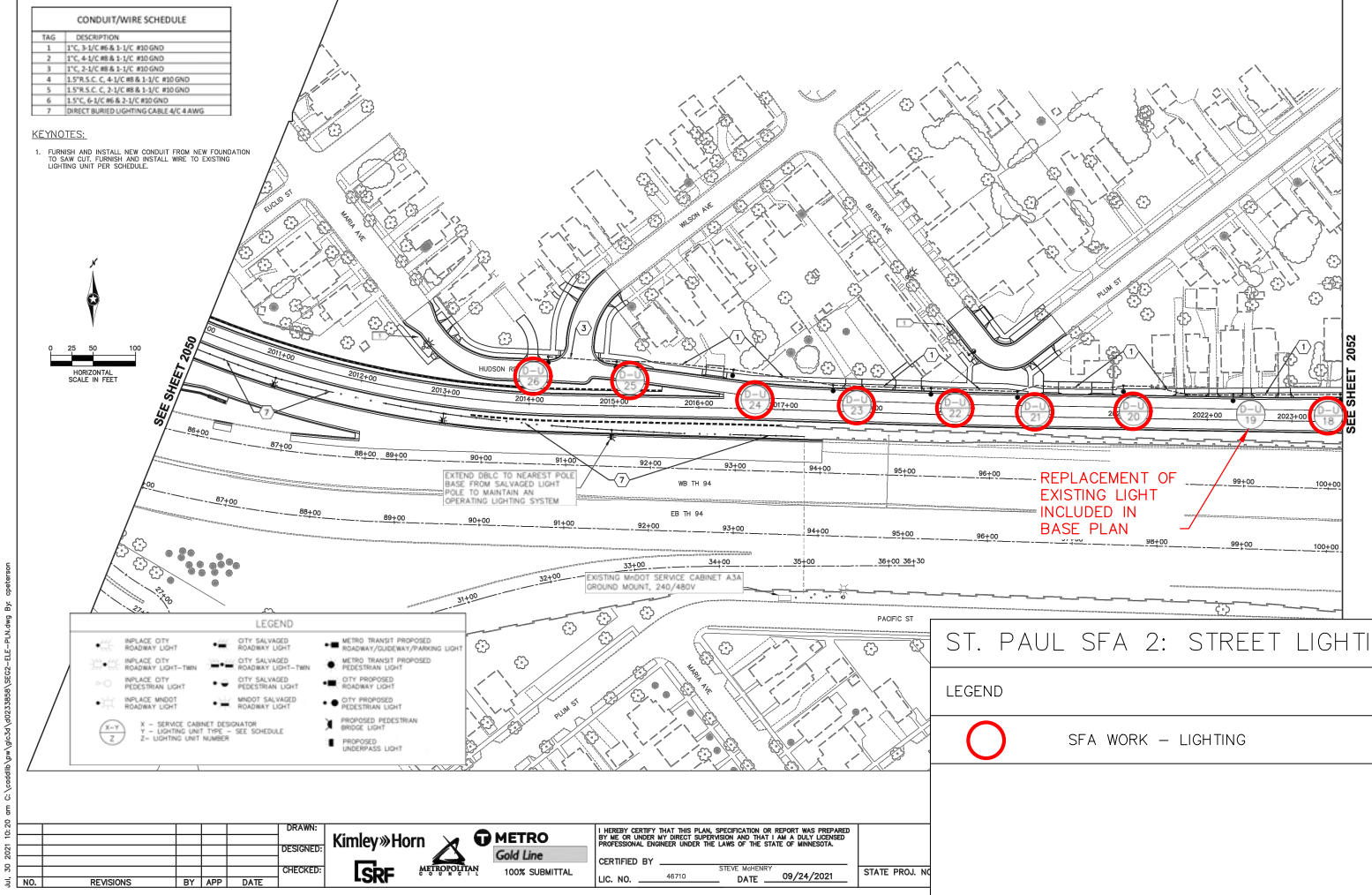


I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY DAVID FILIPIAK
LIC. NO. 19596 DATE 09/24/2021

DRAINAGE PLANS

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)



ST. PAUL SFA 2: STREET LIGHTING UPDATES (1 OF 3)

LEGEND

○ SFA WORK - LIGHTING

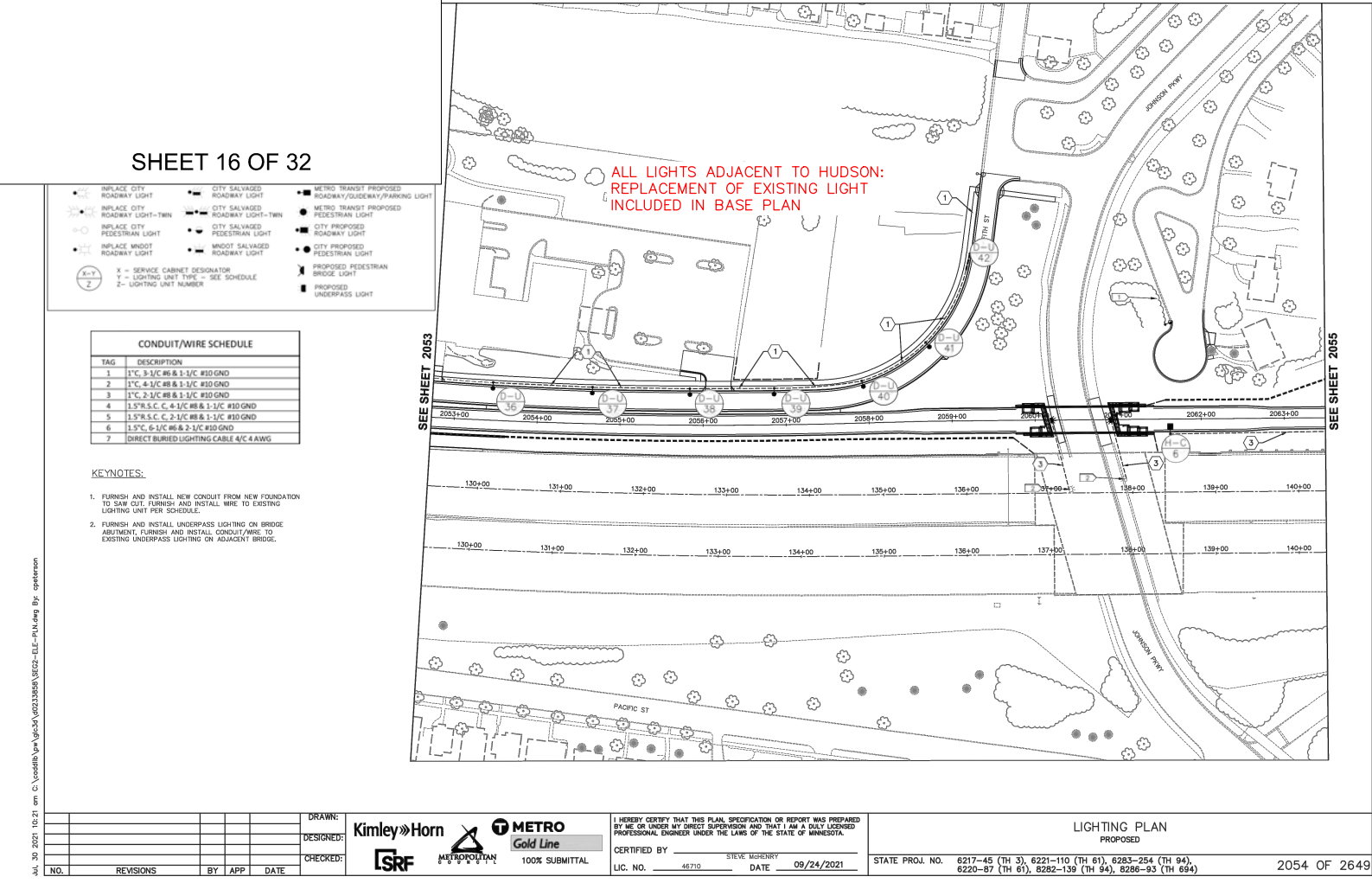
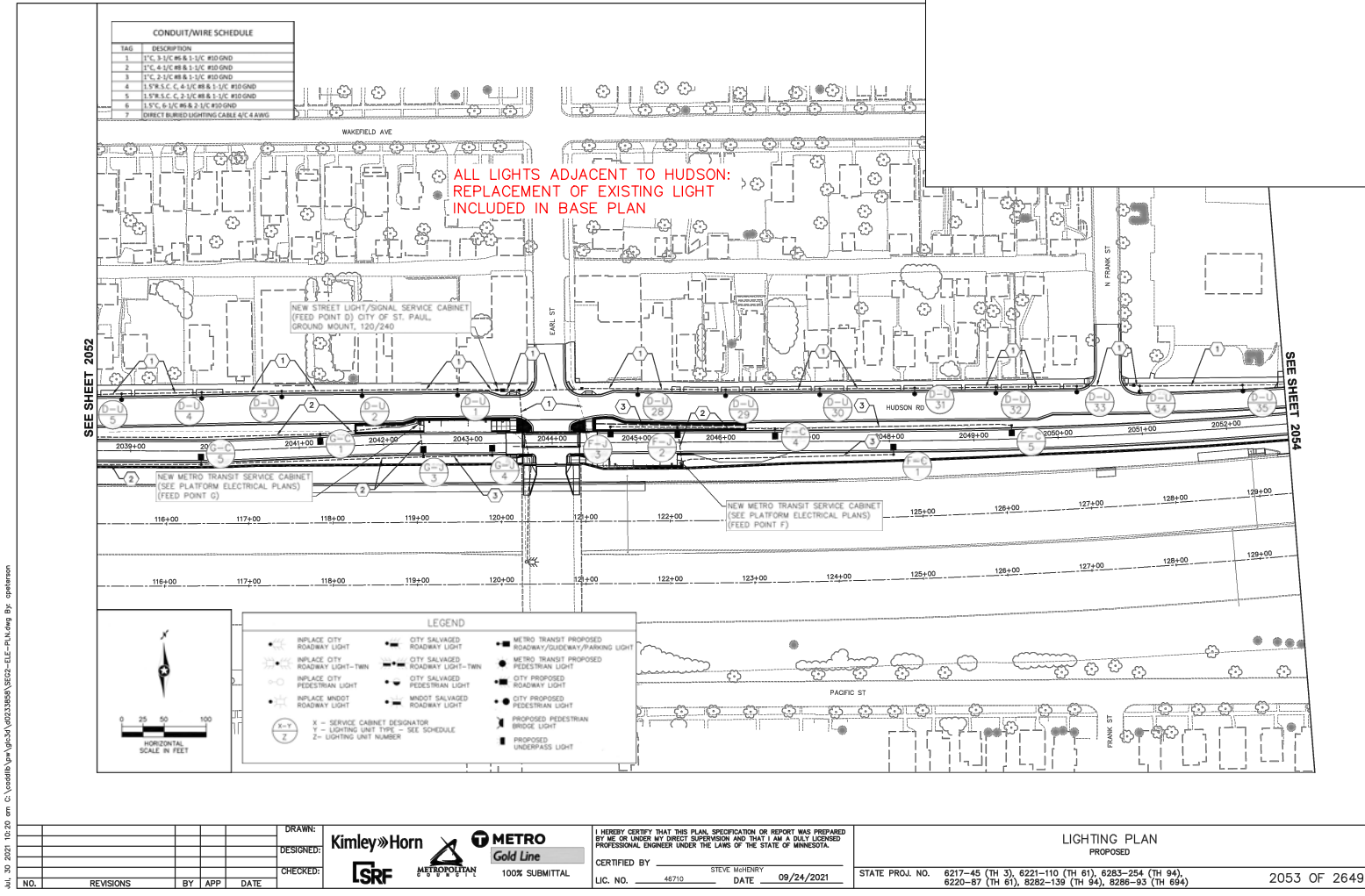
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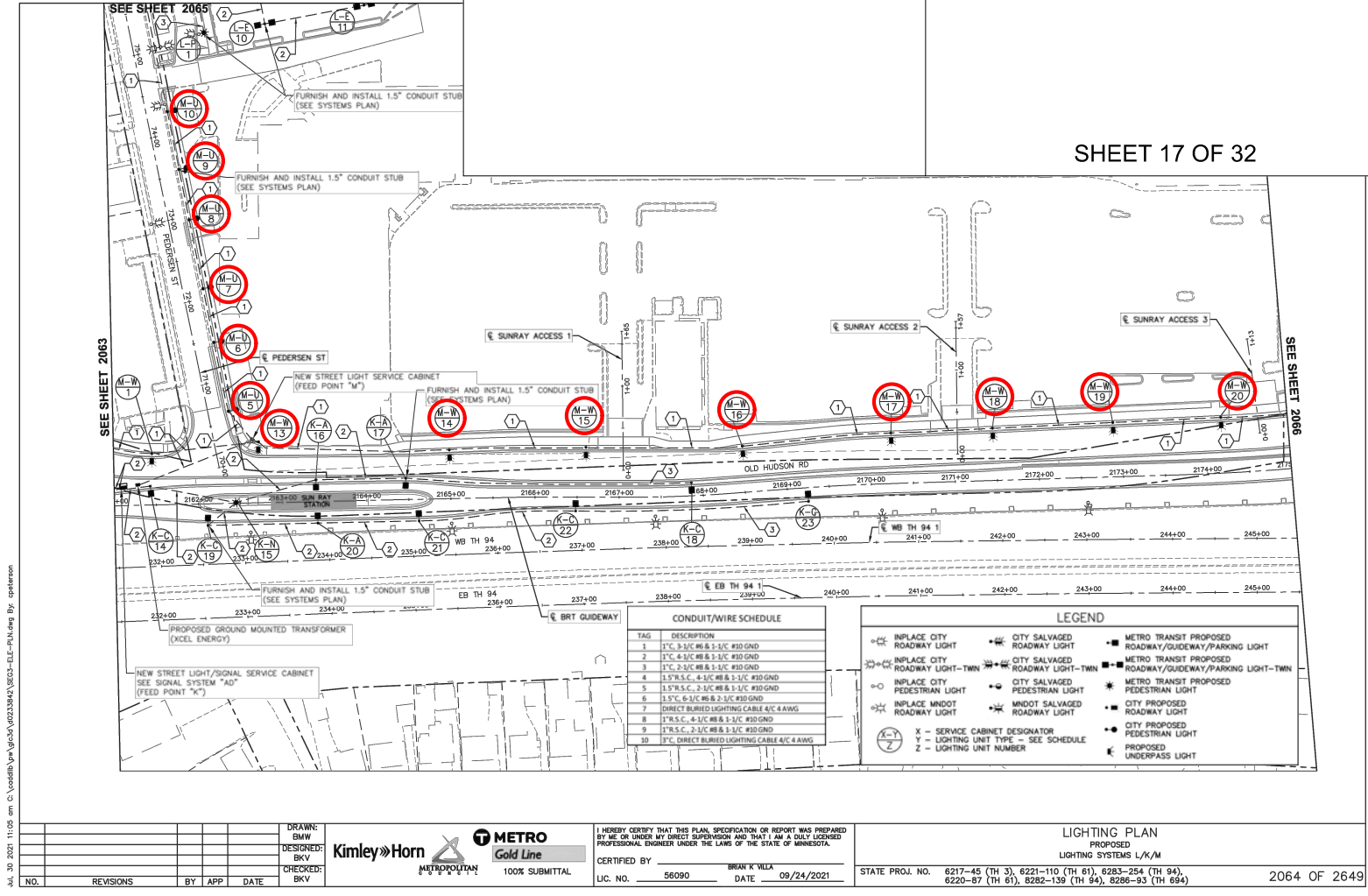
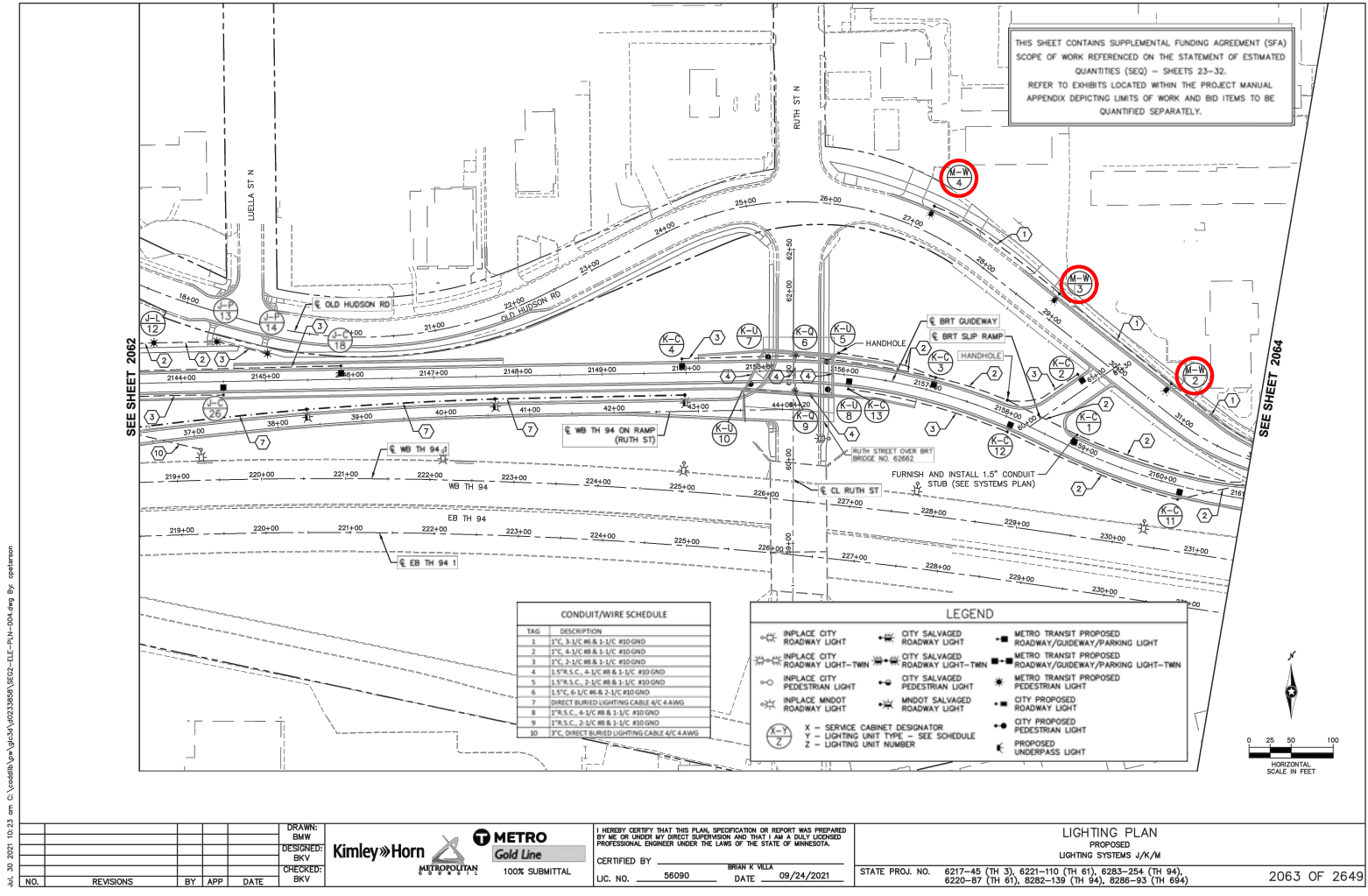
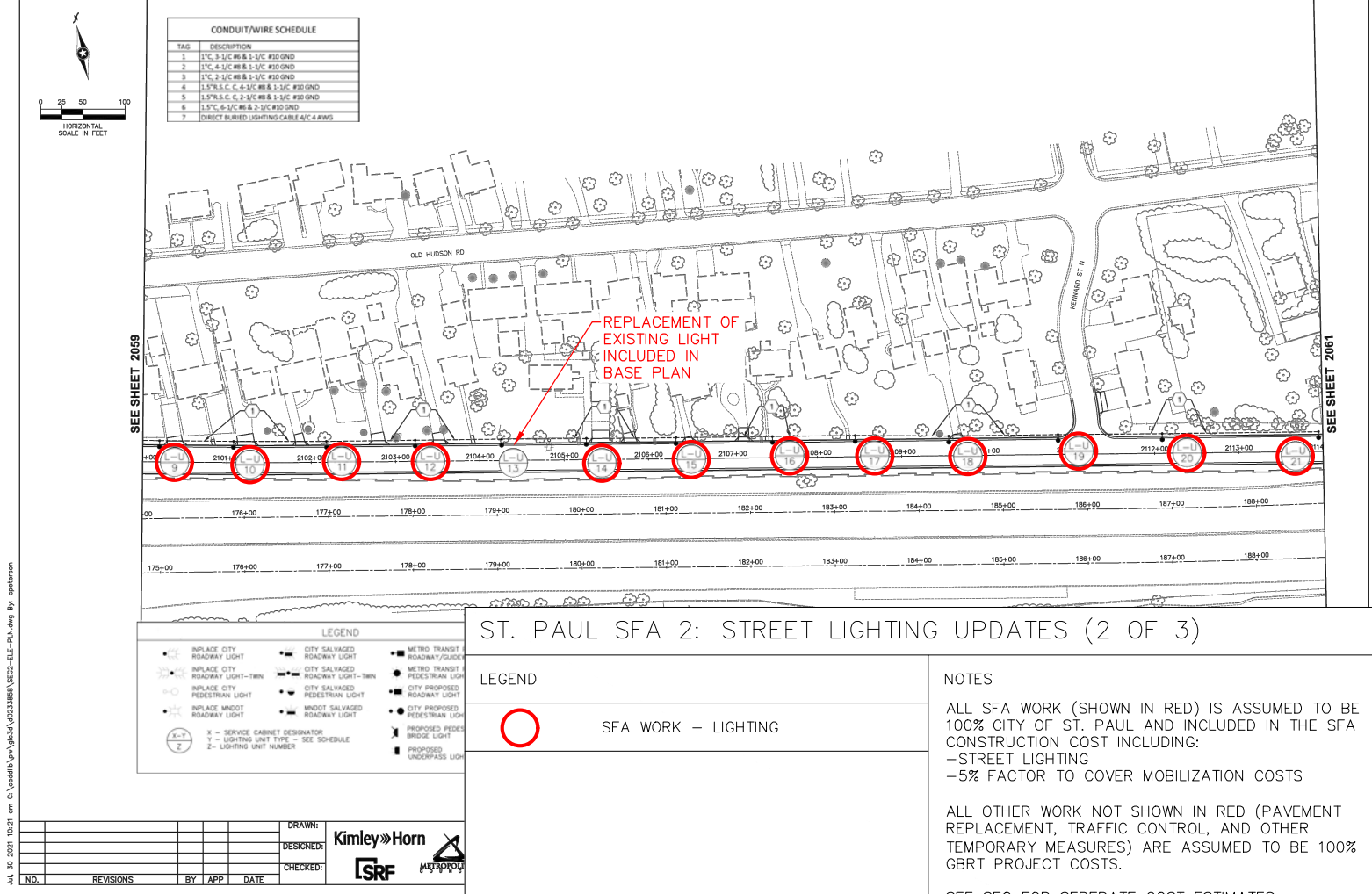
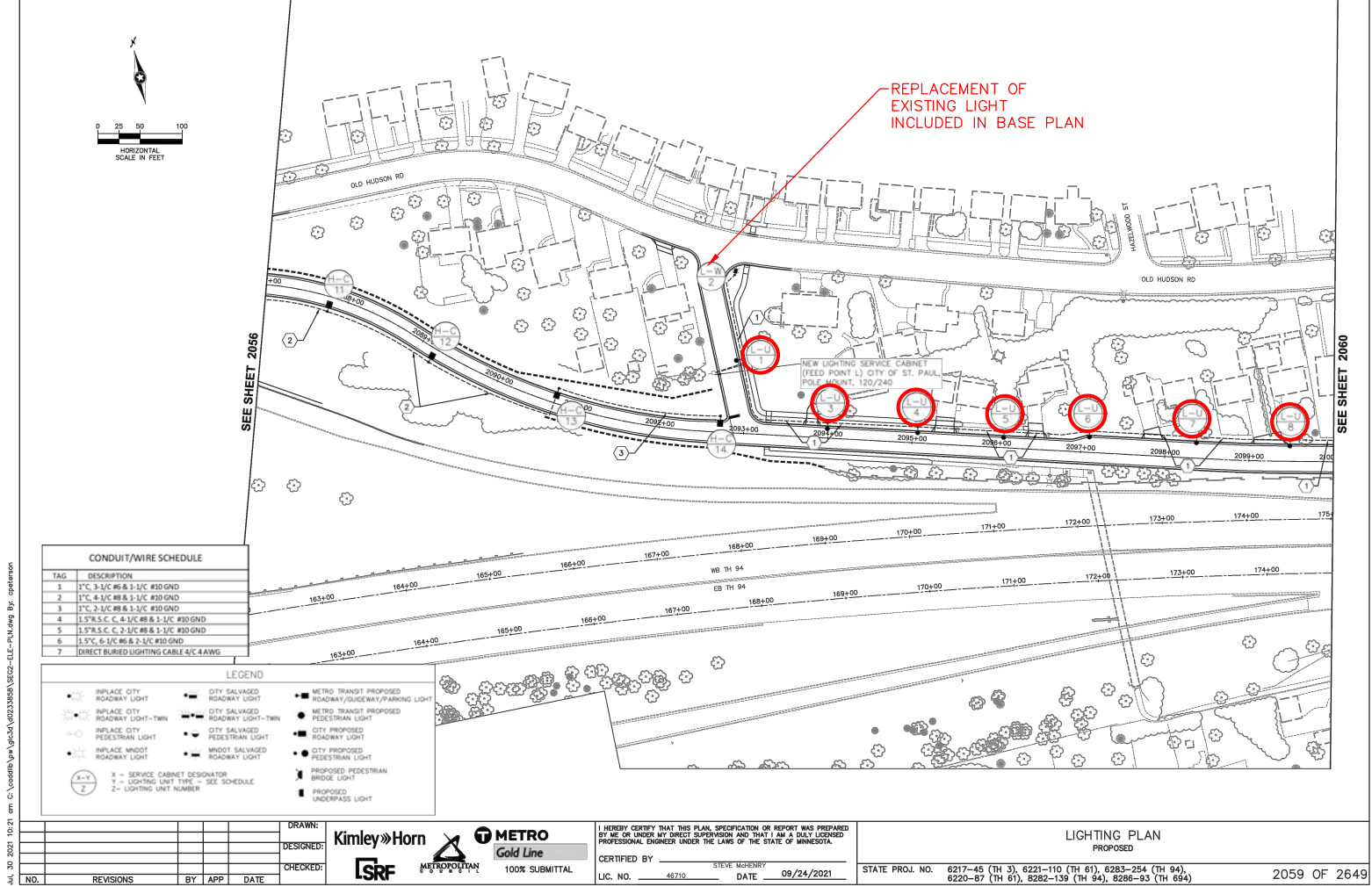
ALL SFA WORK (SHOWN IN RED) IS ASSUMED TO BE 100% CITY OF ST. PAUL AND INCLUDED IN THE SFA CONSTRUCTION COST INCLUDING:

- STREET LIGHTING
- 5% FACTOR TO COVER MOBILIZATION COSTS

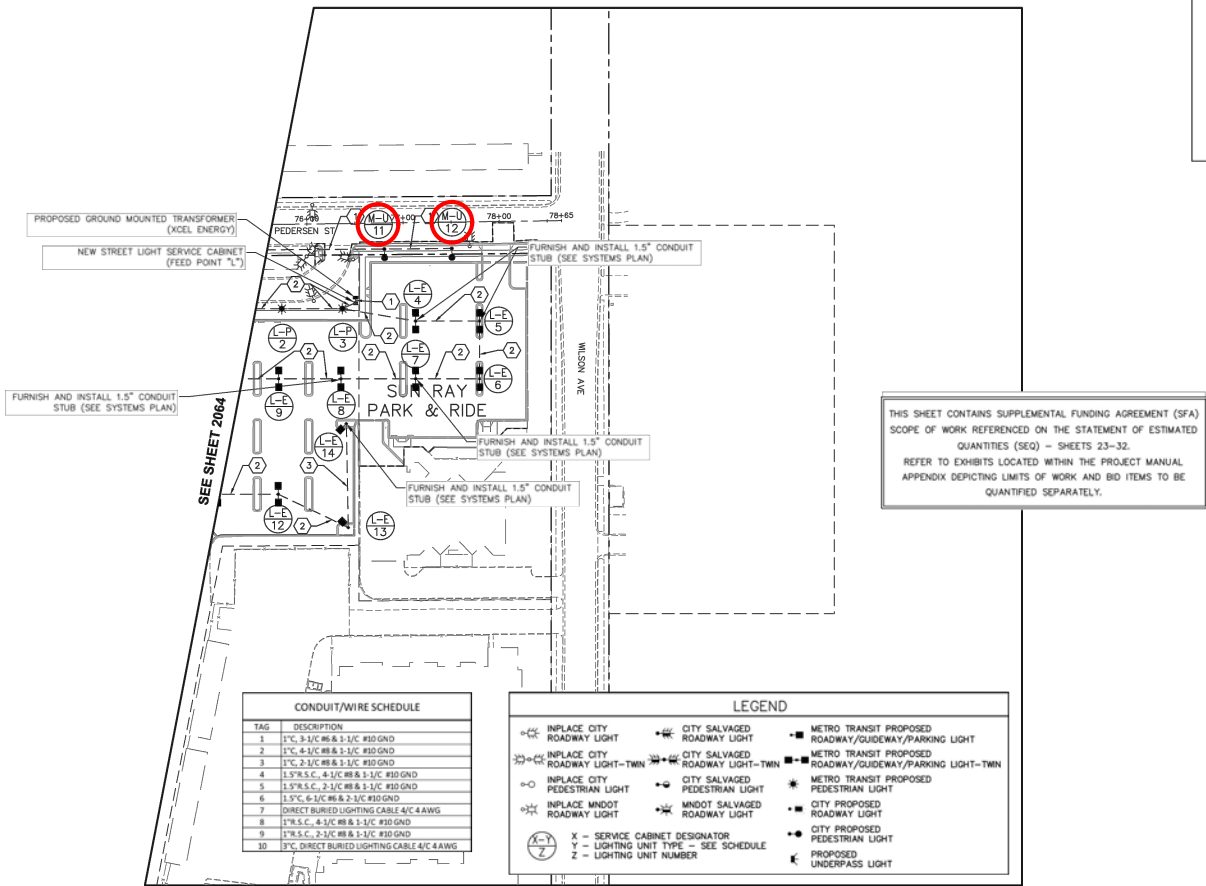
ALL OTHER WORK NOT SHOWN IN RED (PAVEMENT REPLACEMENT, TRAFFIC CONTROL, AND OTHER TEMPORARY MEASURES) ARE ASSUMED TO BE 100% GBRT PROJECT COSTS.

SEE SEQ FOR SEPERATE COST ESTIMATES

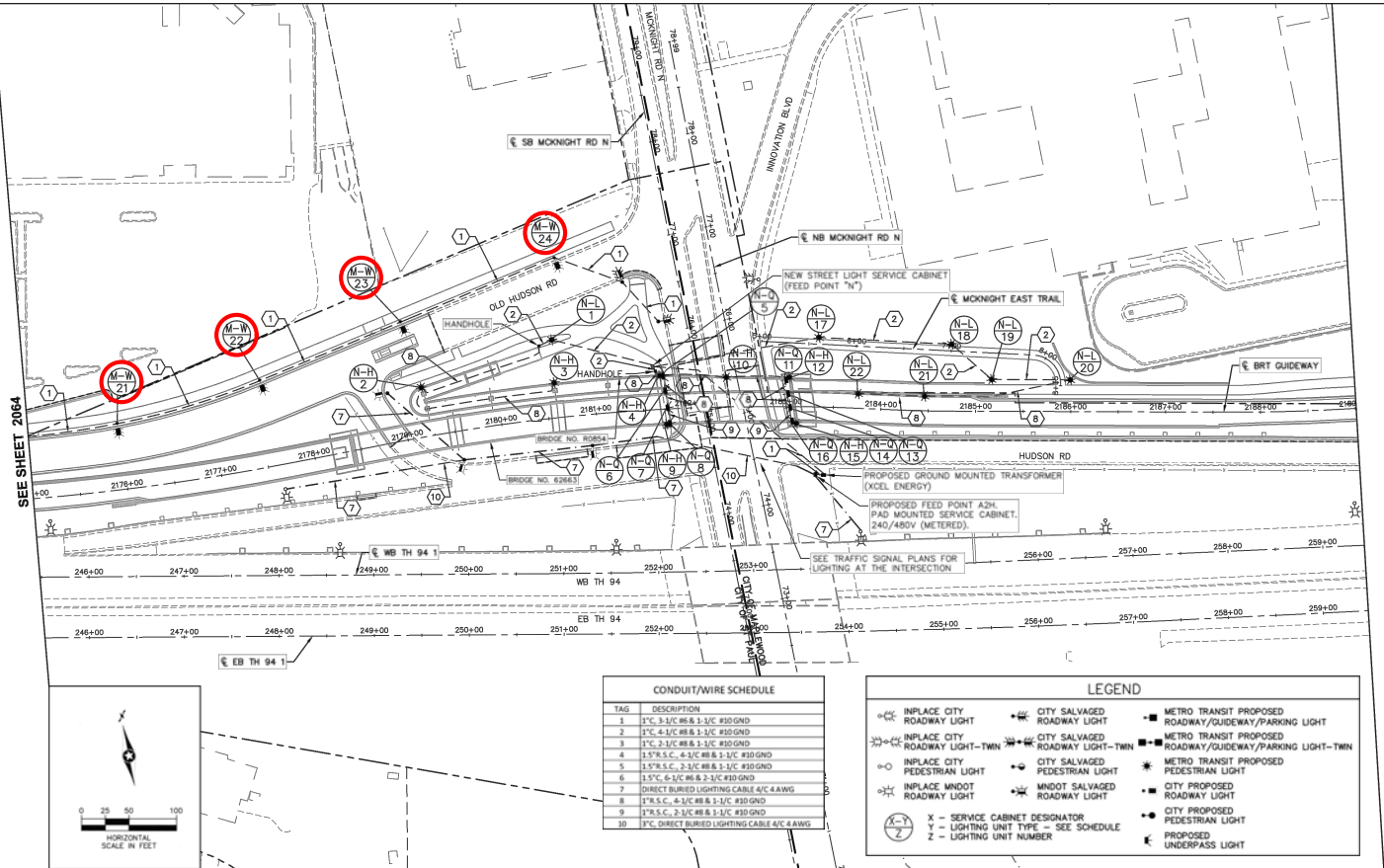




JUL 30 2021 11:05 am C:\cadd\paw\paw34\0223344\SSC02-DLF-P.N.dwg By: gpherson



DRAWN: BMW DESIGNED: BKV CHECKED: BKV				Kimley-Horn METROPOLITAN 100% SUBMITTAL		I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CERTIFIED BY: BRIAN K'VILLA LIC. NO. 56080 DATE 09/24/2021		LIGHTING PLAN PROPOSED LIGHTING SYSTEMS M/L STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 6282-139 (TH 94), 8286-93 (TH 694) 2065 OF 2649	
NO.	REVISIONS	BY	APP	DATE					



DRAWN: BMW DESIGNED: BKV CHECKED: BKV				Kimley-Horn METROPOLITAN 100% SUBMITTAL		I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CERTIFIED BY: BRIAN K'VILLA LIC. NO. 56080 DATE 09/24/2021		LIGHTING PLAN PROPOSED LIGHTING SYSTEMS M/L STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 6282-139 (TH 94), 8286-93 (TH 694) 2066 OF 2649	
NO.	REVISIONS	BY	APP	DATE					

ST. PAUL SFA 2: STREET LIGHTING UPDATES (3 OF 3)

LEGEND



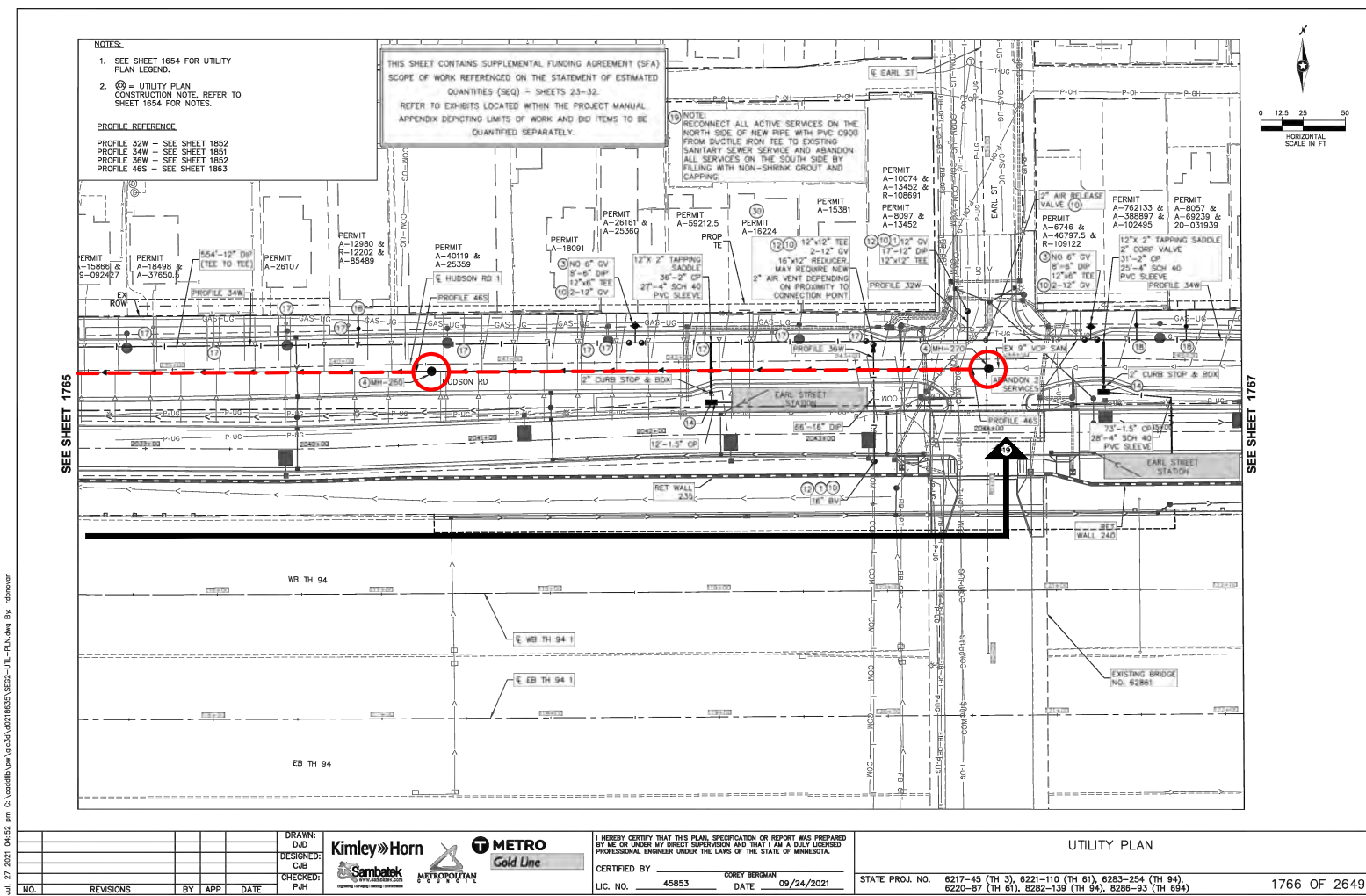
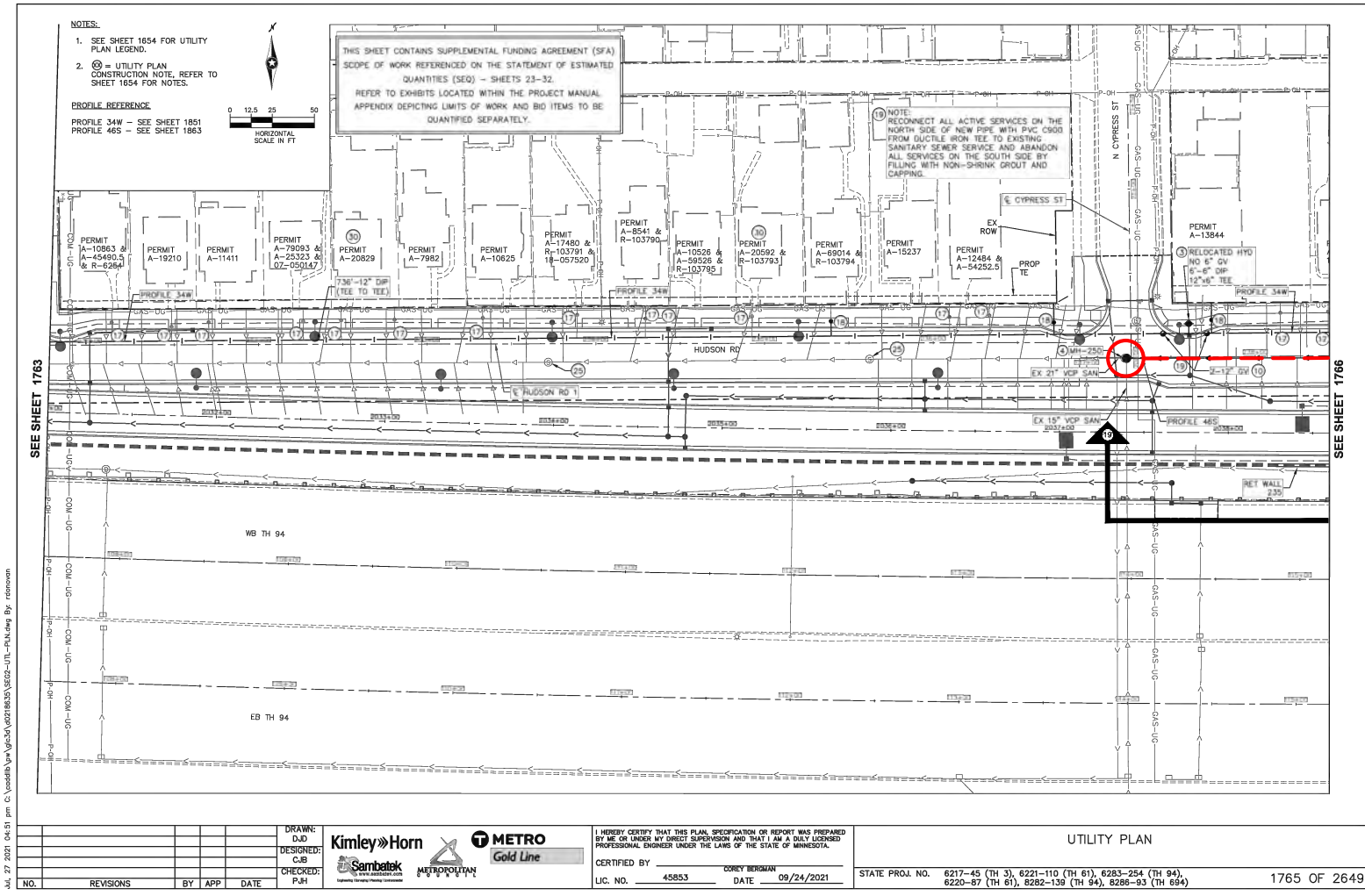
SFA WORK - LIGHTING

NOTES

ALL SFA WORK (SHOWN IN RED) IS ASSUMED TO BE 100% CITY OF ST. PAUL AND INCLUDED IN THE SFA CONSTRUCTION COST INCLUDING:
-STREET LIGHTING
-5% FACTOR TO COVER MOBILIZATION COSTS

ALL OTHER WORK NOT SHOWN IN RED (PAVEMENT REPLACEMENT, TRAFFIC CONTROL, AND OTHER TEMPORARY MEASURES) ARE ASSUMED TO BE 100% GBRT PROJECT COSTS.

SEE SEQ FOR SEPERATE COST ESTIMATES



ST. PAUL SFA 3: TWIN SANITARY SEWER REPLACEMENT (1 OF 1)

LEGEND

⊗ SFA WORK - MANHOLE

--- SFA WORK - PIPE

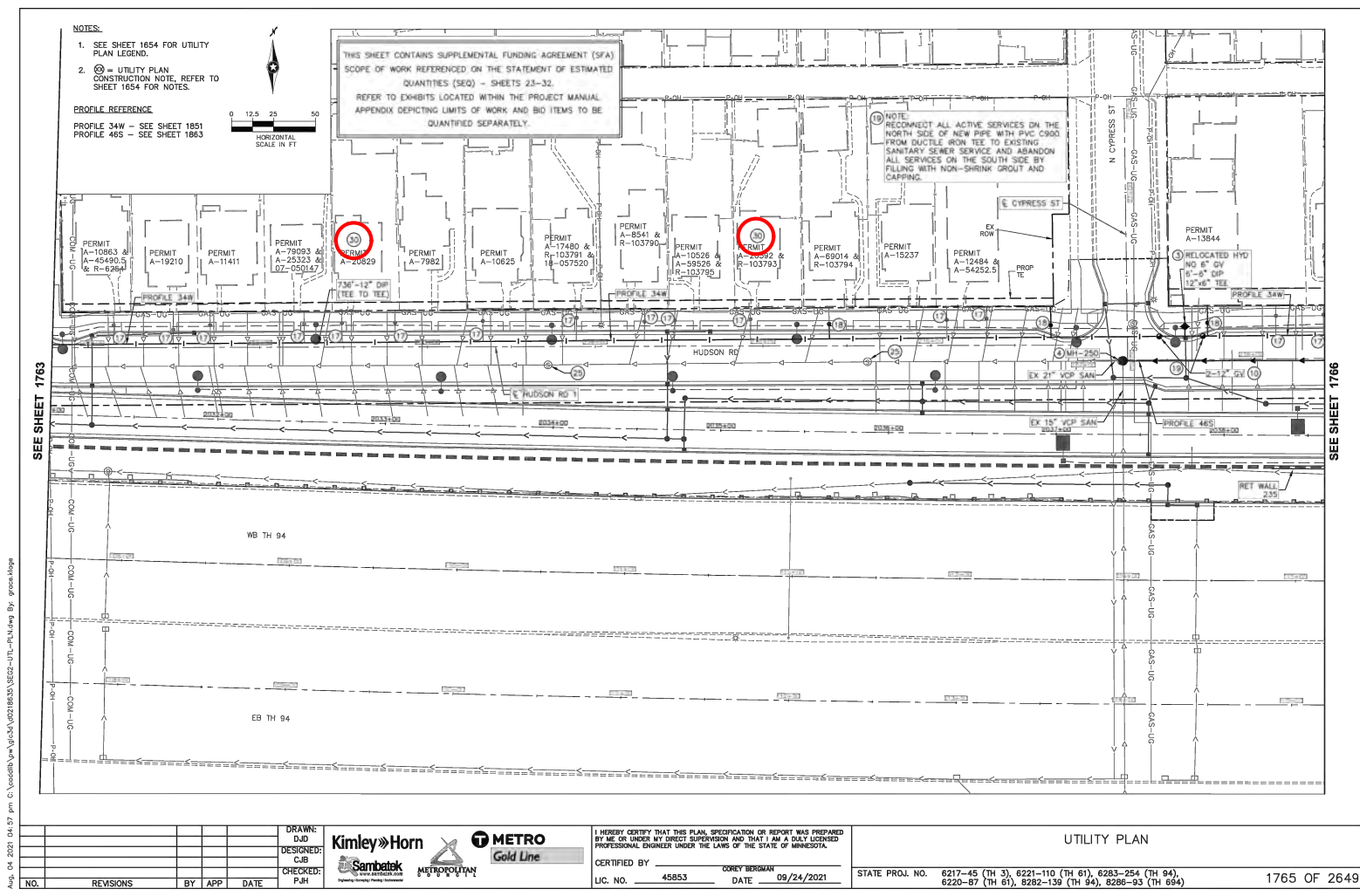
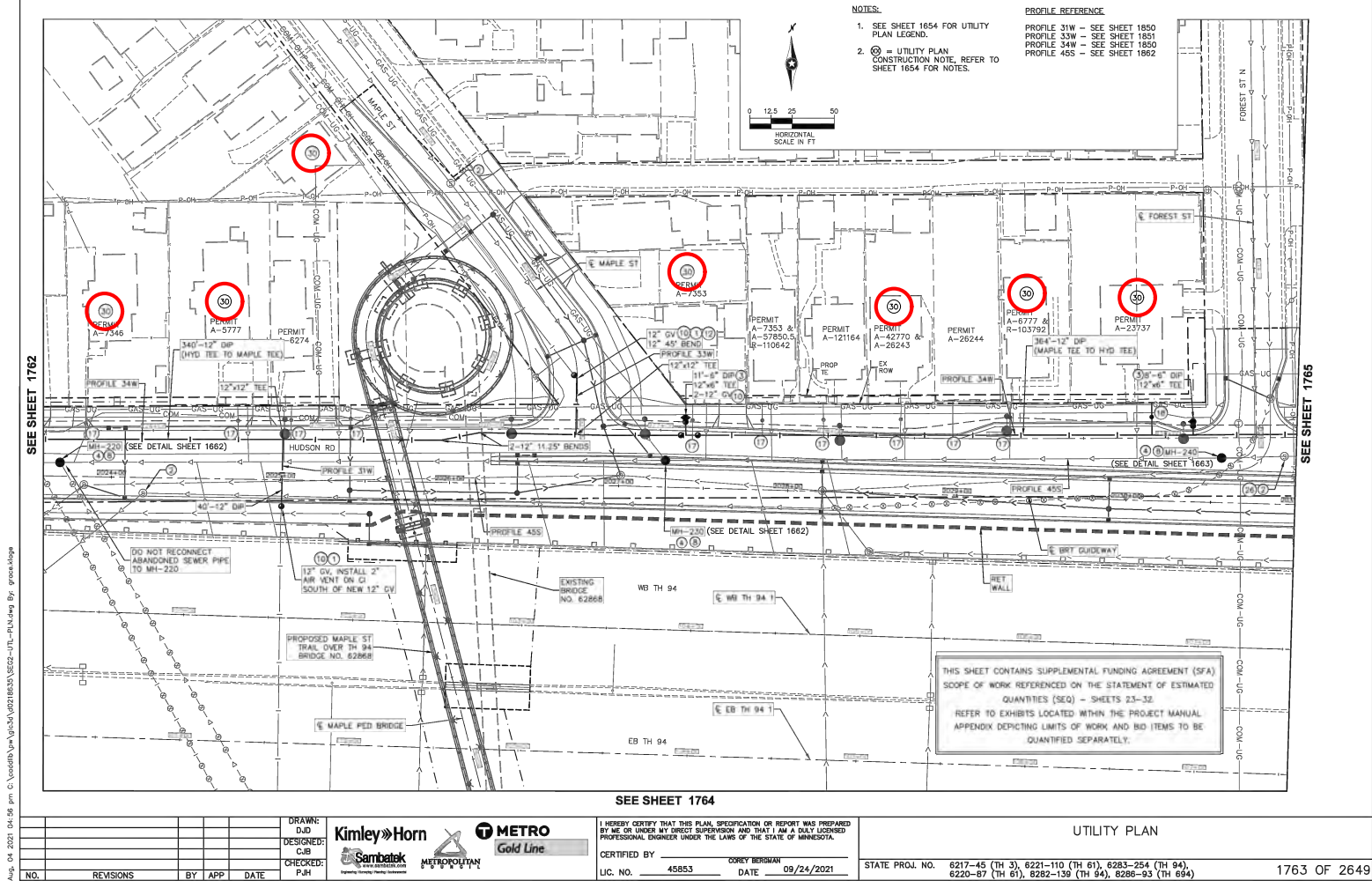
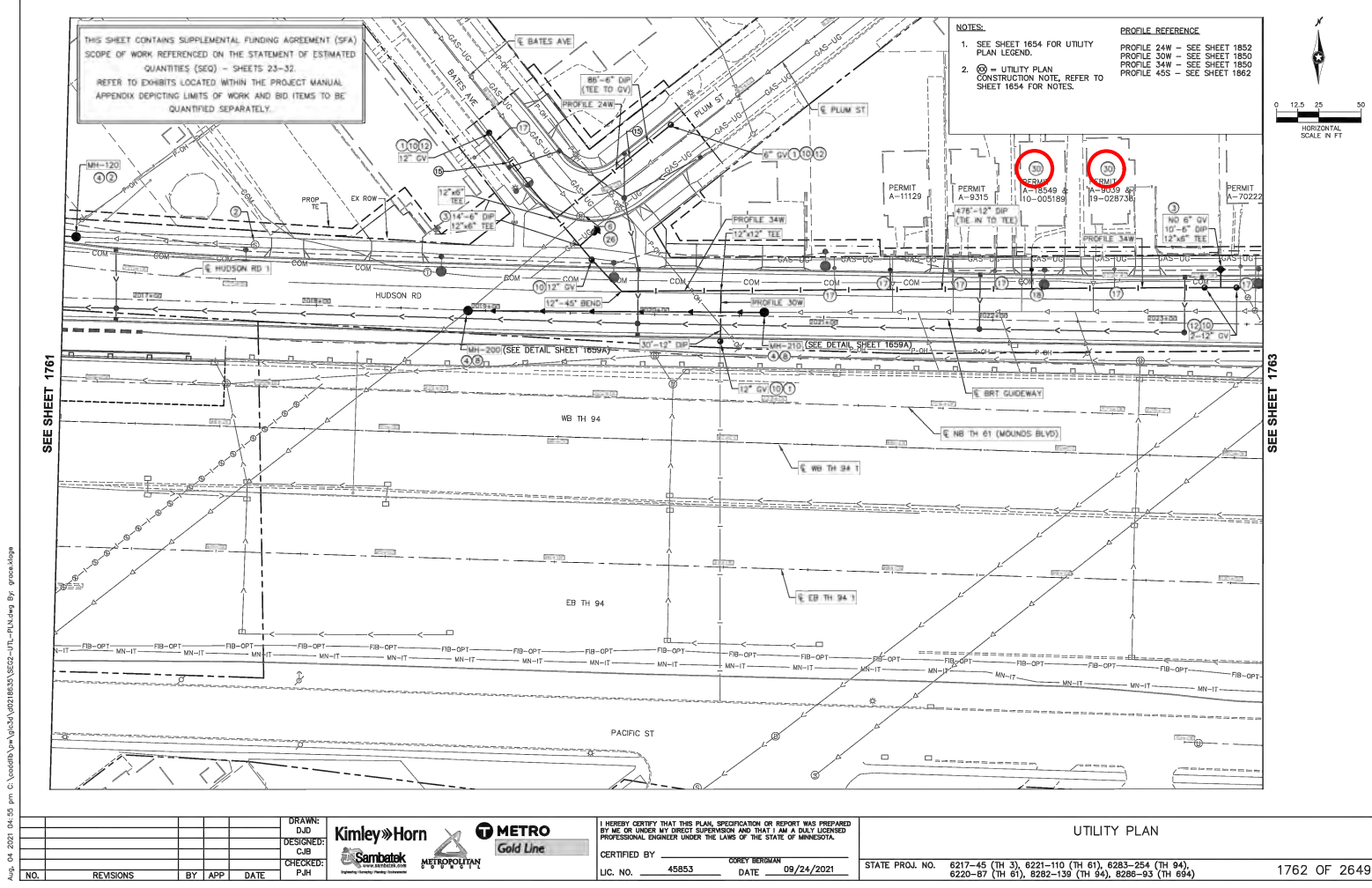
↑↑ EXTENTS OF SFA SANITARY SEWER REPLACEMENT

NOTES

ALL SFA WORK (SHOWN IN RED) IS ASSUMED TO BE 100% CITY OF ST. PAUL AND INCLUDED IN THE SFA CONSTRUCTION COST INCLUDING:
-OLD SANITARY SEWER PIPE REMOVALS
-NEW SANITARY SEWER PIPE
-MANHOLES
-SEWER SERVICE CONNECTIONS TO BUILDINGS
-5% FACTOR TO COVER MOBILIZATION COSTS

ALL OTHER WORK NOT SHOWN IN RED (PAVEMENT REPLACEMENT, TRAFFIC CONTROL, AND OTHER TEMPORARY MEASURES) ARE ASSUMED TO BE 100% GBRT PROJECT COSTS.

SEE SEQ FOR SEPERATE COST ESTIMATES



ST. PAUL SFA 5: SANITARY SEWER SERVICE REPLACEMENT & CLEANING / TELEVISIONING OF SANITARY SEWER (1 OF 2)

LEGEND



SFA WORK - FULL SEWER REPLACEMENT



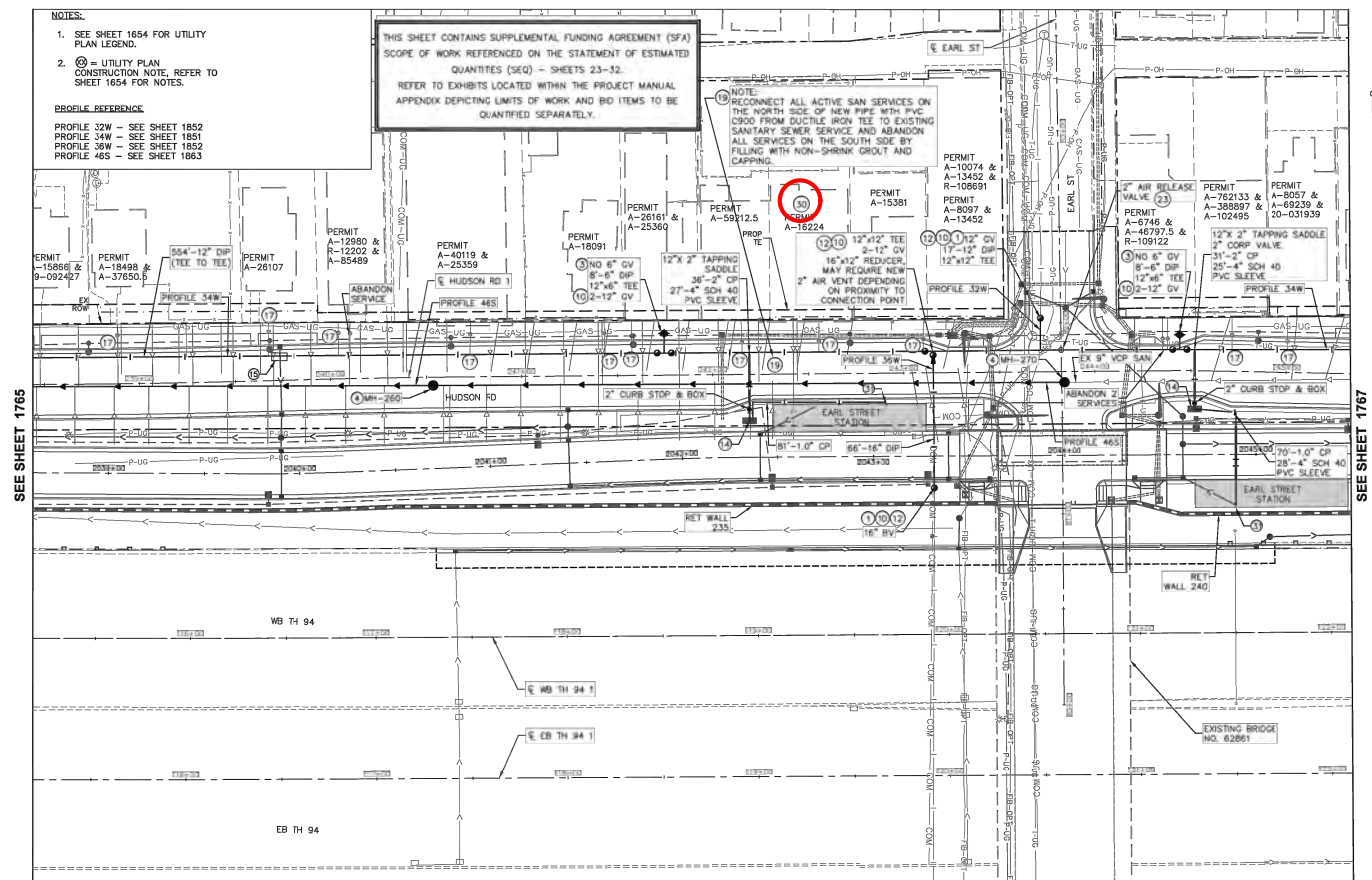
REPLACE SANITARY SEWER SERVICE PER SFA 5, AS SHOWN IN TABLE ON SHEET 1664.

NOTES

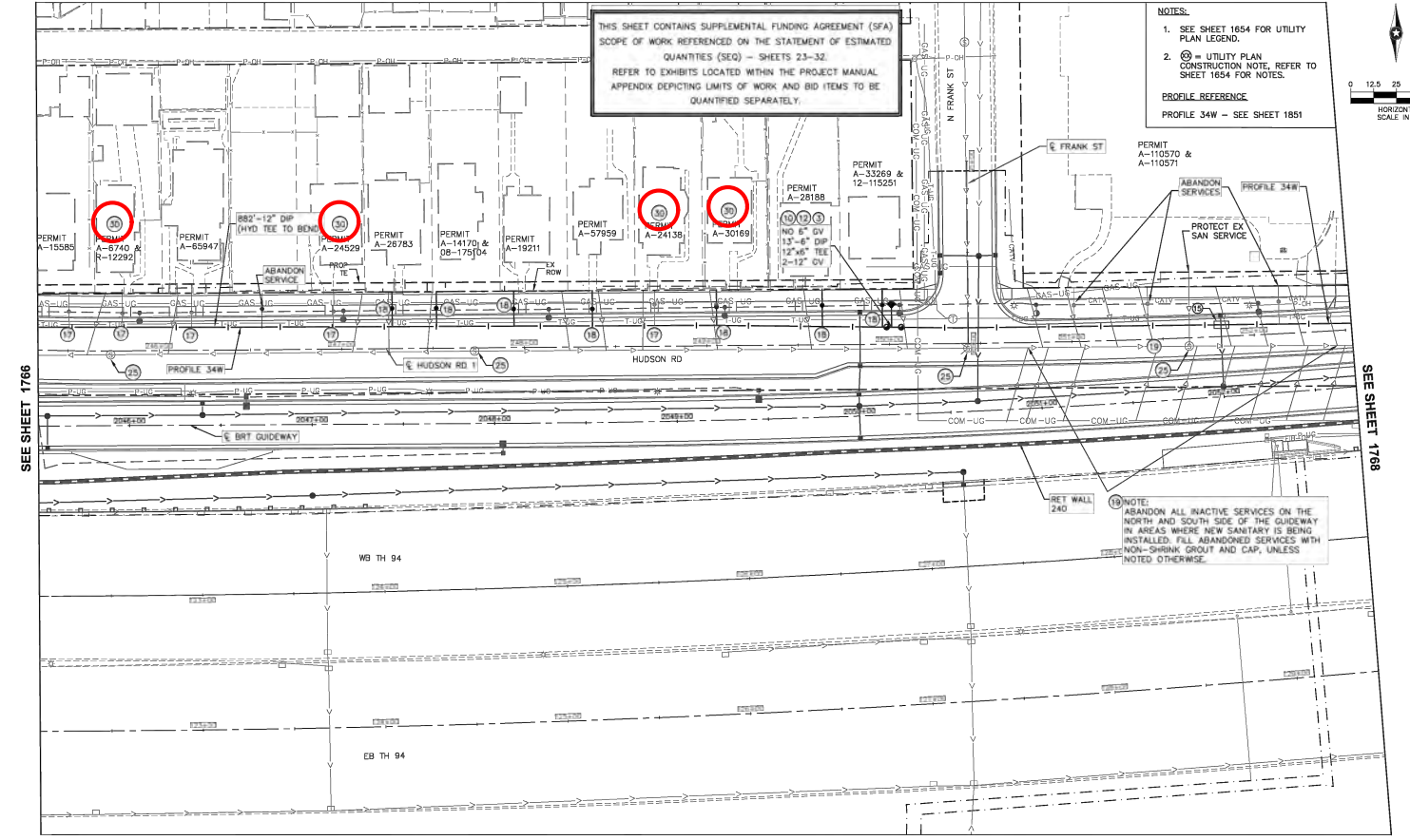
ALL SFA WORK (SHOWN IN RED) IS ASSUMED TO BE 100% CITY OF ST. PAUL AND INCLUDED IN THE SFA CONSTRUCTION COST INCLUDING:
-SANITARY SEWER REPLACEMENTS
-SANITARY SEWER CONNECTIONS
-CLEANING AND TELEVISIONING OF ALL SANITARY SEWER (SEE APPENDIX)
-5% FACTOR TO COVER MOBILIZATION COSTS

ALL OTHER WORK NOT SHOWN IN RED (PAVEMENT REPLACEMENT, TRAFFIC CONTROL, AND OTHER TEMPORARY MEASURES) ARE ASSUMED TO BE 100% GBRT PROJECT COSTS.

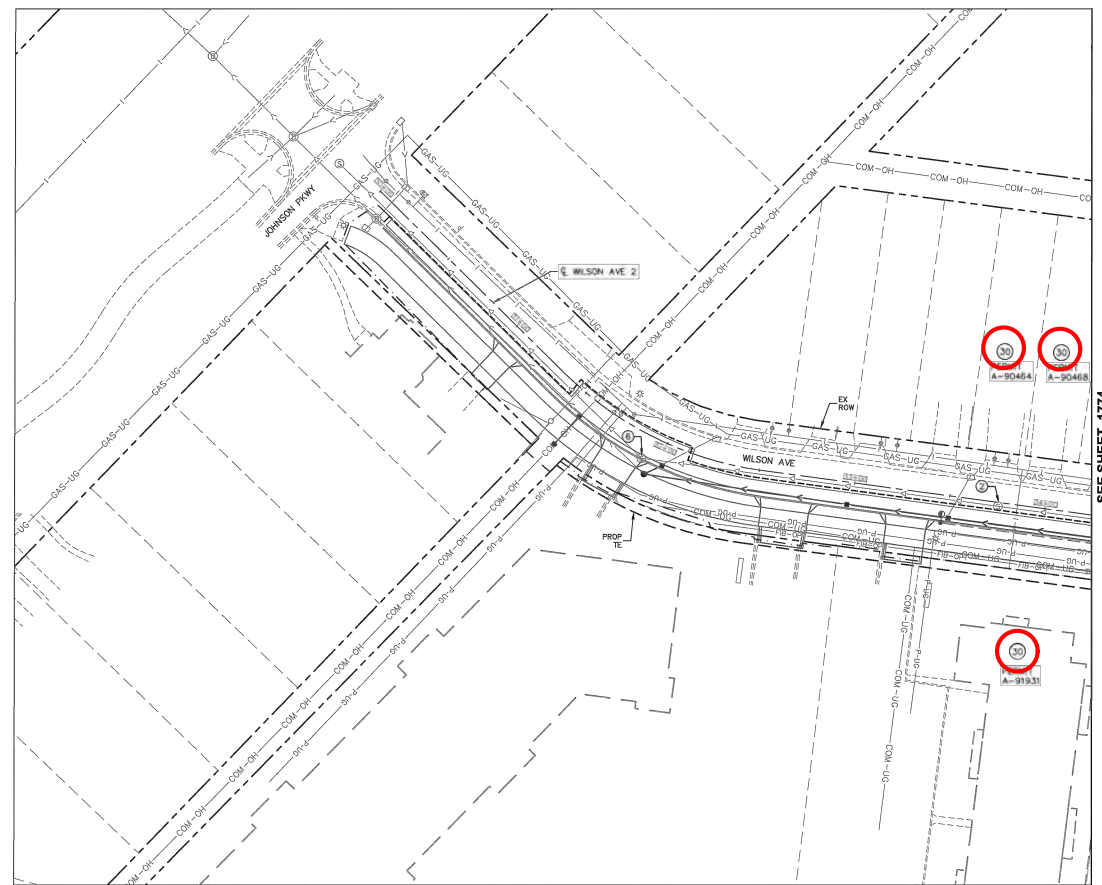
SEE SEQ FOR SEPERATE COST ESTIMATES



					DRAWN: DJD	    	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.		UTILITY PLAN		
					DESIGNED: CJB		CERTIFIED BY:  COREY BERGMAN	STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 6282-139 (TH 94), 6286-93 (TH 664)		1766 OF 2649	
					CHECKED: PJM			LIC. NO. 45853 DATE 09/24/2021			
NO. REVISIONS BY APP DATE											



NEW, 15 OCT 2021 11:14:00



					DRAWN: DJD		 		I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.		UTILITY PLAN	
					DESIGNED: CUB		 		CERTIFIED BY: 			
					CHECKED: PJM				L.C. NO. 45853 COREY BERGMAN DATE 09/24/2021		STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 6282-139 (TH 94), 6286-93 (TH 664)	
NO. REVISIONS BY APP DATE											1772 OF 2649	

ST. PAUL SFA 5: SANITARY SEWER SERVICE REPLACEMENT & CLEANING / TELEVISIONING OF SANITARY SEWER (2 OF 2)	
LEGEND	NOTES
 SFA WORK – FULL SEWER REPLACEMENT	ALL SFA WORK (SHOWN IN RED) IS ASSUMED TO BE 100% CITY OF ST. PAUL AND INCLUDED IN THE SFA CONSTRUCTION COST INCLUDING: –SANITARY SEWER REPLACEMENTS –SANITARY SEWER CONNECTIONS –CLEANING AND TELEVISIONING OF ALL SANITARY SEWER (SEE APPENDIX) –5% FACTOR TO COVER MOBILIZATION COSTS
 REPLACE SANITARY SEWER SERVICE PER SFA 5, AS SHOWN IN TABLE ON SHEET 1664.	ALL OTHER WORK NOT SHOWN IN RED (PAVEMENT REPLACEMENT, TRAFFIC CONTROL, AND OTHER TEMPORARY MEASURES) ARE ASSUMED TO BE 100% GBRT PROJECT COSTS. SEE SEQ FOR SEPERATE COST ESTIMATES