

COUNCIL ACTION FORM

SUBJECT: **TEMPORARY STREET CLOSURE FOR LYNN AVENUE**

BACKGROUND:

The owner of 120 Lynn Avenue (Kappa Kappa Gamma) needs to install a stormwater manhole and pipes, requiring the removal and replacement of street pavement. Due to safety concerns and the location of the existing storm sewer, a closure of Lynn Avenue is required. It is customary to obtain City Council approval for street closures that affect CyRide routes. CyRide's Brown Route operates along this portion of Lynn Avenue.

It is estimated that the street will need to be closed for five days. Staff will work with the contractor to complete the work during summer break if possible, when there will be less traffic in the area. Public Works will work with the owner and specified contractor to minimize the disruption to the traveling public and adjacent properties and coordinate public notification of the street closure.

ALTERNATIVES:

1. Authorize staff to administratively close Lynn Avenue as necessary to complete the stormwater and pavement work at 120 Lynn Avenue
2. Deny the request, and direct the property owner to bring back a request for specific days to close Lynn Avenue.

CITY MANAGER'S RECOMMENDED ACTION:

The work on Lynn Avenue is required for the completion of the demolition of the existing building at 120 Lynn Avenue. Flexibility to close the street on short notice will aid in completing the work quickly and during an ideal construction window.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.

UTILITY PLAN GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CURRENT EDITION SUDAS, AS AMENDED BY THE CURRENT CITY OF AMES SUPPLEMENTAL SPECIFICATIONS. ALL NOTES AND REFERENCES TO SUDAS SHALL COMPLY WITH SUDAS, AS AMENDED BY THE CITY'S SUPPLEMENTAL SPECIFICATIONS.
- TRENCH EXCAVATION AND BACKFILL SHALL BE COMPLETED AS PER SUDAS SPECIFICATION 3010.
- STORM SEWER INSTALLATION SHALL BE COMPLETED AS PER SUDAS SPECIFICATION SECTION 4020.
- SANITARY SEWER INSTALLATION SHALL BE COMPLETED AS PER SUDAS SPECIFICATION SECTION 4010.
- SUBDRAIN INSTALLATION SHALL BE COMPLETED AS PER SUDAS SPECIFICATION 4040.
- WATER MAIN, SERVICES, FITTING AND FIXTURES SHALL BE INSTALLED AS PER SUDAS SPECIFICATION SECTION 5010.
- TRENCH EXCAVATION, BACKFILL AND COMPACTION TESTING SHALL BE INCLUDED AS INCIDENTAL TO THIS PROJECT. TEST RESULTS SHALL BE PROVIDED TO OWNERS REPRESENTATIVE FOR REVIEW.
- STORM AND SANITARY STRUCTURES SHALL BE INSTALLED AS PER SUDAS SPECIFICATION SECTION 6010.
- CLEANING, INSPECTION AND TESTING OF SEWERS AND STRUCTURES SHALL BE COMPLETED BY THE CONTRACTOR AS PER SUDAS SPECIFICATIONS.
- SUBDRAINS AND AGGREGATE MATERIALS WATER QUALITY BMPs ONLY BE INSTALLED AFTER ALL OTHER CONSTRUCTION OPERATIONS IN THE SURROUNDING AREA HAVE BEEN COMPLETED. REFER TO SHEET L3.01 FOR ADDITIONAL STAGING INSTRUCTIONS.
- CONTACT CITY OF AMES PUBLIC WORKS TO COORDINATE INSPECTION DURING THE HYDRANT RELOCATION.
- CITY COUNCIL ACTION IS NEEDED TO APPROVE ANY CLOSURES OF LYNN AVENUE. CONTACT CITY OF AMES PUBLIC WORKS AT LEAST THREE WEEKS IN ADVANCE OF PLANNED CLOSURES.

UTILITY PLAN KEYNOTES

- NOTE NOT USED.
- CONNECT SANITARY SEWER SERVICE TO EXISTING SERVICE LINE. VERIFY THAT THE EXISTING SEWER SERVICE IS IN GOOD CONDITION TO, AND INCLUDING, THE CONNECTION AT THE MAIN. IF NOT IN GOOD CONDITION, A NEW SEWER SERVICE LINE AND TAP WILL NEED TO BE INSTALLED.
- REMOVE EXISTING WATER SERVICE TO EXISTING WATER MAIN.
- REMOVE EXISTING HYDRANT. REMOVE TEE FROM MAIN AND REPLACE MAIN AS NECESSARY (SEE KEYNOTE E). COORDINATE WITH CITY TO LIMIT LENGTH OF ANY WATER SERVICE DISRUPTION.
- RELOCATE HYDRANT TO THIS LOCATION. CUT IN 8"x6". REMOVE AND REPLACE 8" WATER MAIN TO PAST EXISTING HYDRANT LOCATION, OR INSTALL WITH TAPPING VALVE AND SLEEVE AND REDUCE REMOVAL AND REPLACEMENT QUANTITY OF MAIN RUNNING PARALLEL TO STREET ACCORDINGLY.
- CONNECT DOWNSPOUTS TO SUBSURFACE DETENTION SYSTEM VIA 8" PVC (NON-PERF) SUBDRAIN @ 2.00% MINIMUM GRADE.
- 2" DOMESTIC WATER SERVICE.
- 6" FIRE SPRINKLER SERVICE (WITH PIV NEAR BUILDING).
- 2" WATER SHUTOFF VALVE.
- GREASE INTERCEPTOR.
- 4" SANITARY SERVICE.
- VERIFY ELEVATION OF NEW STORM AND DEFLECT RECONSTRUCTED WATER MAIN AS NEEDED TO PROVIDE MINIMUM OF 18" VERTICAL CLEARANCE (REFER ALSO TO KEYNOTES D AND E).
- VERIFY ELEVATION OF 6" SUBDRAIN. PROTECT 6" SUBDRAIN, OR CONNECT TO NEW STORM SEWER, IF IN CONFLICT.
- REMOVE EXISTING CASTING ON INTAKE AND REPLACE WITH SUDAS SW-603 TYPE R CASTING.
- 4" SANITARY CLEANOUT.
- 10' ELECTRICAL EASEMENT.
- TAP 2" DOMESTIC WATER SERVICE INTO 6" WATER SERVICE LINE.
- TAP 6" WATER SERVICE LINE TO EXISTING WATER MAIN.
- 6" WATER VALVE.
- 2" VENT PIPE.
- 2.5' FOUNDATION SERVICE LINE.

UTILITY STRUCTURE SCHEDULE

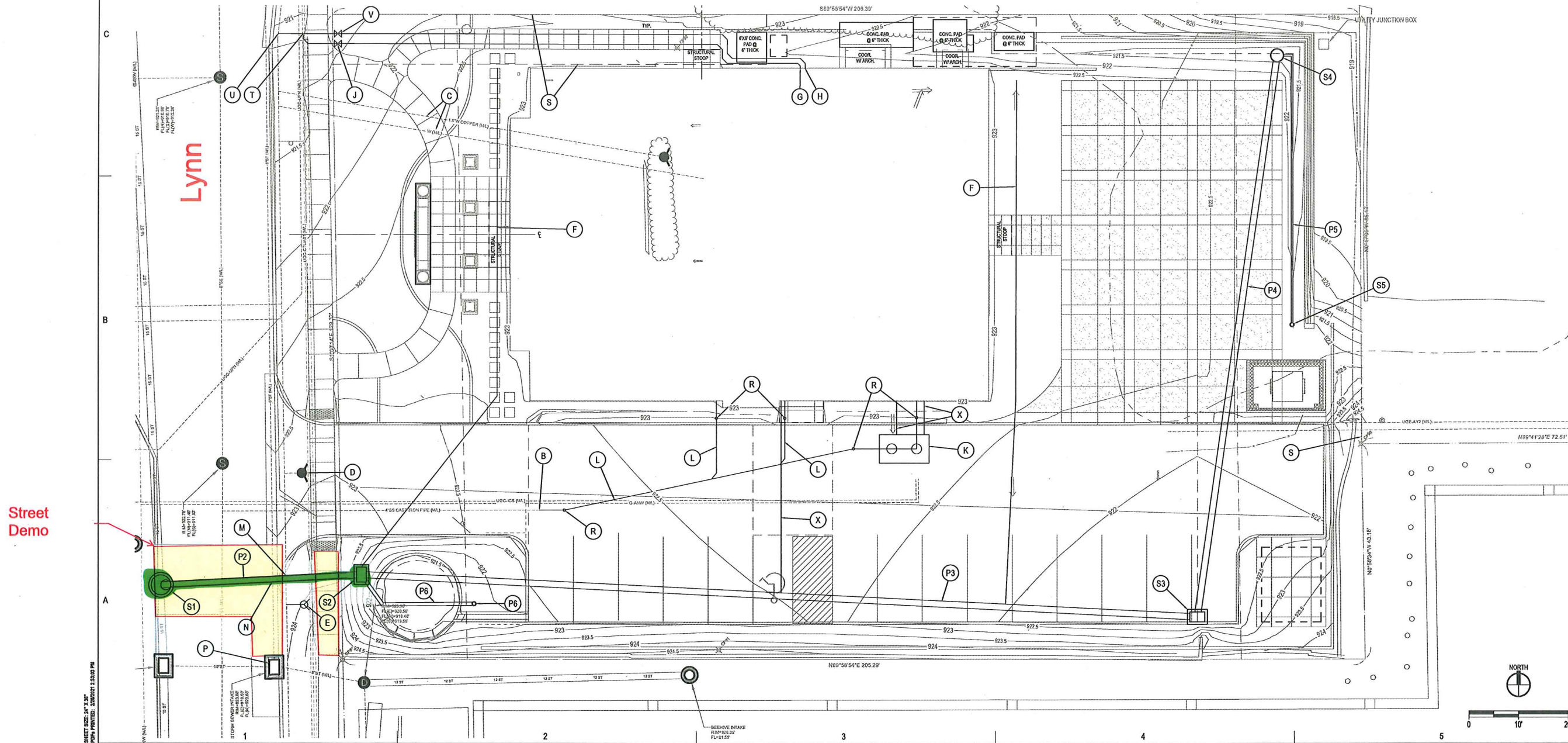
NO	TYPE	COVER	RIM	INVERT(S)	NOTES
S1	SW-401 STORM MANHOLE (48"Ø)	TYPE F	923.62	916.16(P2), 915.83(EX)	ROTATE MANHOLE POSITION TO BE LOCATED OUTSIDE OF CURB
S2	SW-511 RECTANGULAR AREA INT.	TYPE 6	922.02	918.14(P6), 916.56(P3,P2)	SET RIM 6" ABOVE LEVEL BOTTOM OF BIORETENTION CELL
S3	SW-501 SINGLE CURB INTAKE	TYPE R	921.94	917.40(P4,P3)	RIM ELEVATION LISTED IS TOP OF CURB
S4	30"Ø NYLOPLAST DRAIN BASIN	STANDARD	921.05	918.22(P5), 917.97(P4)	
S5	8" CLEANOUT	TYPE A-2	922.47	918.49(P5)	INSTALL RIM 3" ABOVE SURROUNDING GRADE
S6	8" CLEANOUT	TYPE A-2	922.25	918.27(P6)	INSTALL RIM 3" ABOVE SURROUNDING GRADE

UTILITY PIPE SCHEDULE

NO	SIZE	TYPE	LENGTH	SLOPE	NOTES
P2	15"	RCP	40.3 LF	1.00%	
P3	15"	RCP	168.0 LF	0.50%	
P4	15"	PVC (NON-PERF)	113.7 LF	0.50%	
P5	8"	PVC (PERF)	54.0 LF	0.50%	INSTALL SIMILAR TO SUDAS FIGURE 4040.231, CASE A TYPE 1
P6	8"	PVC (PERF)	25.8 LF	0.50%	INSTALL AS PER BIORETENTION DETAIL

Proposed Schedule / Sequence:

- July 18 - Close Lynn in front of 120 Lynn Ave.
- July 18th - 22nd
 - Demo paving
 - Install Storm manhole and pipe into property
 - Patch back street
- July 22 - Open Lynn Ave.



CONSTRUCTION DOCUMENTS



ARCHITECT
RDG Planning & Design
1201 Lynn Avenue, Suite 200
Ames, IA 50010
Phone: (515) 282-2200

PLUMBING
Resource Consulting Engineers
1201 Lynn Avenue, Suite 200
Ames, IA 50010
Phone: (515) 282-2200

Mechanical
Resource Consulting Engineers
1201 Lynn Avenue, Suite 200
Ames, IA 50010
Phone: (515) 282-2200

STRUCTURAL
Resource Consulting Engineers
1201 Lynn Avenue, Suite 200
Ames, IA 50010
Phone: (515) 282-2200

LIGHTING / ELEC
RDG Planning & Design
1201 Lynn Avenue, Suite 200
Ames, IA 50010
Phone: (515) 282-2200

CIVIL / LANDSCAPE
RDG Planning & Design
1201 Lynn Avenue, Suite 200
Ames, IA 50010
Phone: (515) 282-2200

**120 LYNN AVENUE
AMES, IOWA 50010**

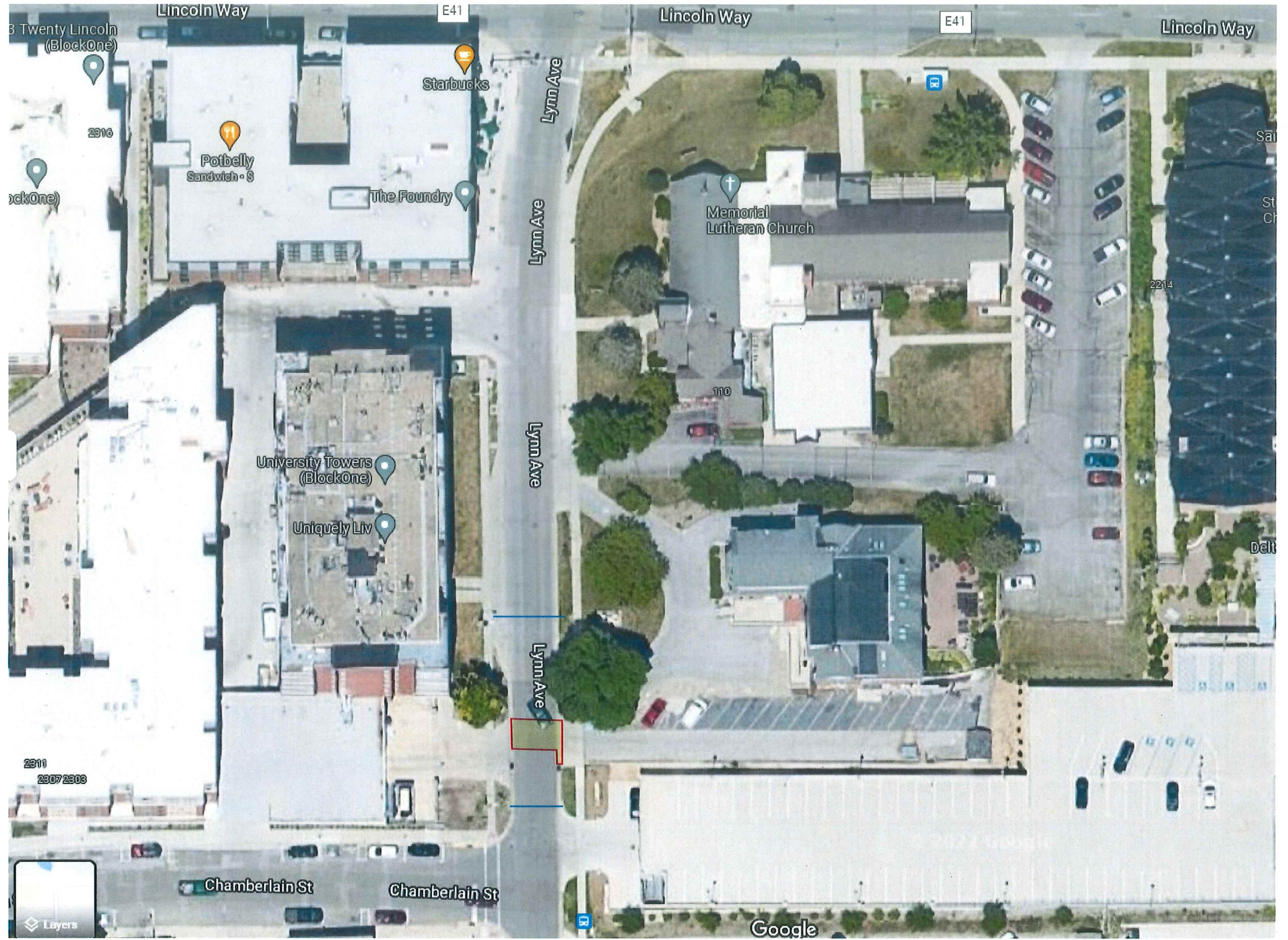
ISU - Kappa Kappa Gamma

KAPPA KAPPA GAMMA SORORITY

NO.	DATE
1	12/15/21
2	12/15/21
3	12/15/21
4	12/15/21
5	12/15/21
6	12/15/21
7	12/15/21
8	12/15/21
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19	12/15/21
20	12/15/21

**SITE
UTILITY
PLAN**

C1.01



3 Twenty Lincoln
(BlockOne)

2916

ckOne)

Starbucks

Potbelly
Sandwich · S

The Foundry

Memorial
Lutheran Church

110

University Towers
(BlockOne)

Uniquely Liv

Lynn Ave

Lynn Ave

Lynn Ave

Lynn Ave

2911
2907/2909

Chamberlain St

Chamberlain St

Layers

Google

Lincoln Way

Lincoln Way

Lincoln Way

Lincoln Way