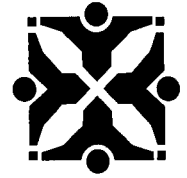


City of Columbia

701 East Broadway, Columbia, Missouri 65201



Agenda Item Number: R108-14

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: June 2, 2014

Re: Long Term Closure of the North Lane of Rollins Street on the West Side of the Intersection of College Avenue and Rollins Street

Documents Included With This Agenda Item

Council memo, Resolution/Ordinance, Exhibits to Resolution/Ordinance

Supporting documentation includes: None

Executive Summary

Authorizing the University of Missouri to temporarily close the north lane of Rollins Street, on the west side of the intersection of College Avenue and Rollins Street, to replace steam and condensate lines.

Discussion

The University of Missouri is seeking permission to temporarily close the north lane of Rollins Street, on the west side of the intersection of College Avenue and Rollins Street, beginning Tuesday, June 3, 2014 through Friday, August 1, 2014, to replace steam and condensate lines.

Staff has reviewed the attached traffic control plans and has no issues with their request. The University of Missouri shall be responsible for all signs and barricades necessary for the protection and convenience of the general public, and shall be responsible for notifications to the media and emergency personnel.

Fiscal Impact

Short-Term Impact: None

Long-Term Impact: None

Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Not Applicable

Strategic Plan Impact: Not Applicable

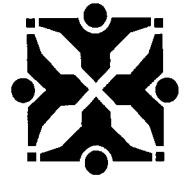
Comprehensive Plan Impact: Not Applicable

Suggested Council Action

Approve the resolution authorizing the University of Missouri to temporarily close the north lane of Rollins Street, on the west side of the intersection of College Avenue and Rollins Street, to replace steam and condensate lines.

City of Columbia

701 East Broadway, Columbia, Missouri 65201



Legislative History

None

A handwritten signature in cursive script, reading "John D. Hunt", written over a horizontal line.

Department Approved

A handwritten signature in cursive script, reading "Micky Malt", written over a horizontal line.

City Manager Approved

Introduced by _____ Council Bill No. R 108-14

A RESOLUTION

authorizing the temporary closure of a portion of the westbound driving lane and sidewalk on the north side of Rollins Street, west of the Rollins Street and College Avenue intersection, to allow for the replacement of steam and condensate lines.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Council hereby authorizes the University of Missouri to temporarily close a portion of the westbound driving lane and sidewalk on the north side of Rollins Street, west of the Rollins Street and College Avenue intersection, as shown on "Exhibit A," from June 3, 2014 to August 1, 2014 to allow for the replacement of steam and condensate lines.

SECTION 2. The University of Missouri shall close the driving lane and sidewalk only in accordance with the traffic control plans submitted and approved by the City's Director of Public Works. In the interest of public safety, the Director of Public Works may require additional traffic control measures by notifying the University of Missouri, in writing, of such requirements. The University of Missouri shall be responsible for all signs and barricades necessary for the protection and convenience of the general public and shall be responsible for the repair of the street and sidewalk due to any damage caused by the construction activity. The University of Missouri shall be responsible for notifications to the media and emergency personnel.

SECTION 3. The University of Missouri shall proceed with construction activities which require the temporary driving lane and sidewalk closures without unnecessary delay so as to minimize disruption to the public. Failure to proceed without unnecessary delay may result in the revocation of the driving lane and sidewalk closure permit by the City Council.

ADOPTED this _____ day of _____, 2014.

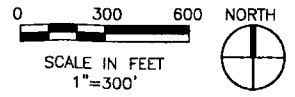
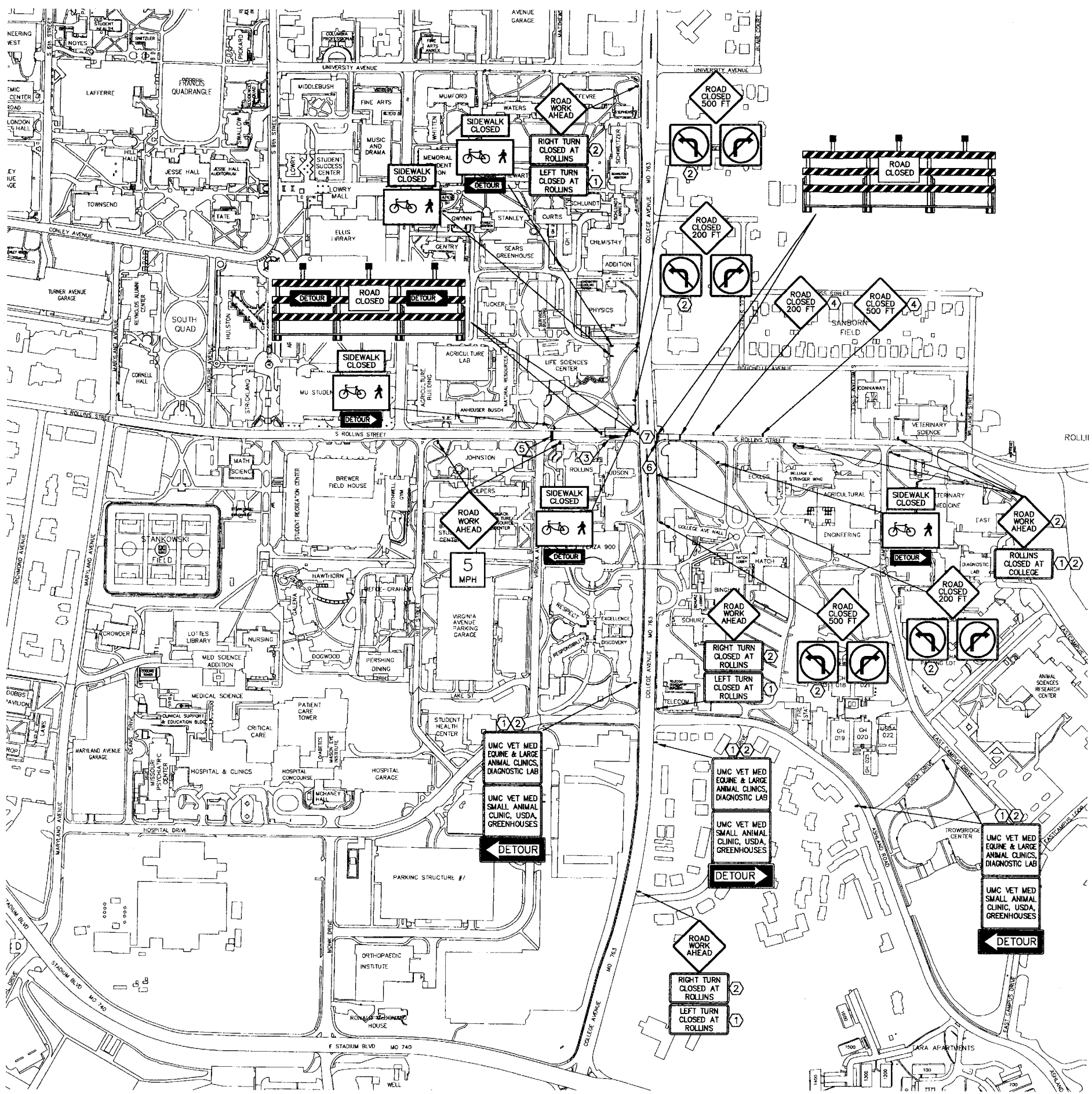
ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor



GENERAL NOTES:

1. COORDINATE TRAFFIC CONTROL PLAN WITH CONSTRUCTION LIMITS, PHASING AND SCHEDULE REQUIREMENTS.
2. COMPLY WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD LATEST EDITION), MODOT STANDARDS & THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
3. REVIEW, COORDINATE AND OBTAIN APPROVAL OF THE TRAFFIC CONTROL PLAN AND THE INSTALLATION OF TRAFFIC CONTROL DEVICES WITH THE OWNER'S REPRESENTATIVE, MODOT, AND THE CITY OF COLUMBIA (THE CITY) PRIOR TO PROCEEDING.
4. MODIFY PLAN AND DEVICES AS REQUIRED TO MAINTAIN SAFE CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND TO COMPLY WITH THE REQUIREMENTS OF THE OWNER'S REPRESENTATIVE, MODOT, AND THE CITY.
5. CLOSURE OF STREETS AND SIDEWALKS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE, MODOT, AND THE CITY.



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Registered Professional Engineer
MO # E-28880
Expires 12-31-2015
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MISSOURI STATE CERTIFICATE
OF AUTHORITY #000408

**GENERAL SITE - REPLACE
STEAM & CONDENSATE
AT COLLEGE & ROLLINS**

FOR THE CURATORS OF THE
UNIVERSITY OF MISSOURI

COLUMBIA, MISSOURI
PROJECT # CP122421

REVISION:	
DATE:	
BY:	
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ISSUE DATE:	03-17-2014

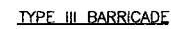
ENGINEER
PROJECT NO.: 968
FILE: 968-CL-103.DWG
DRAWN BY: MWR
CHECKED BY: CLB
APPROVED BY: CLB
SCALE: 1"=300'

SHEET TITLE:
**TRAFFIC
CONTROL PLAN**

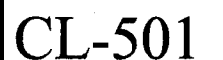
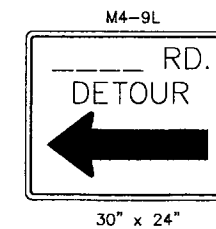
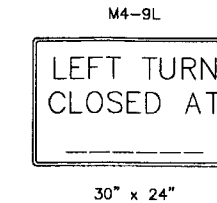
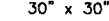
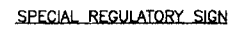
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CL-103

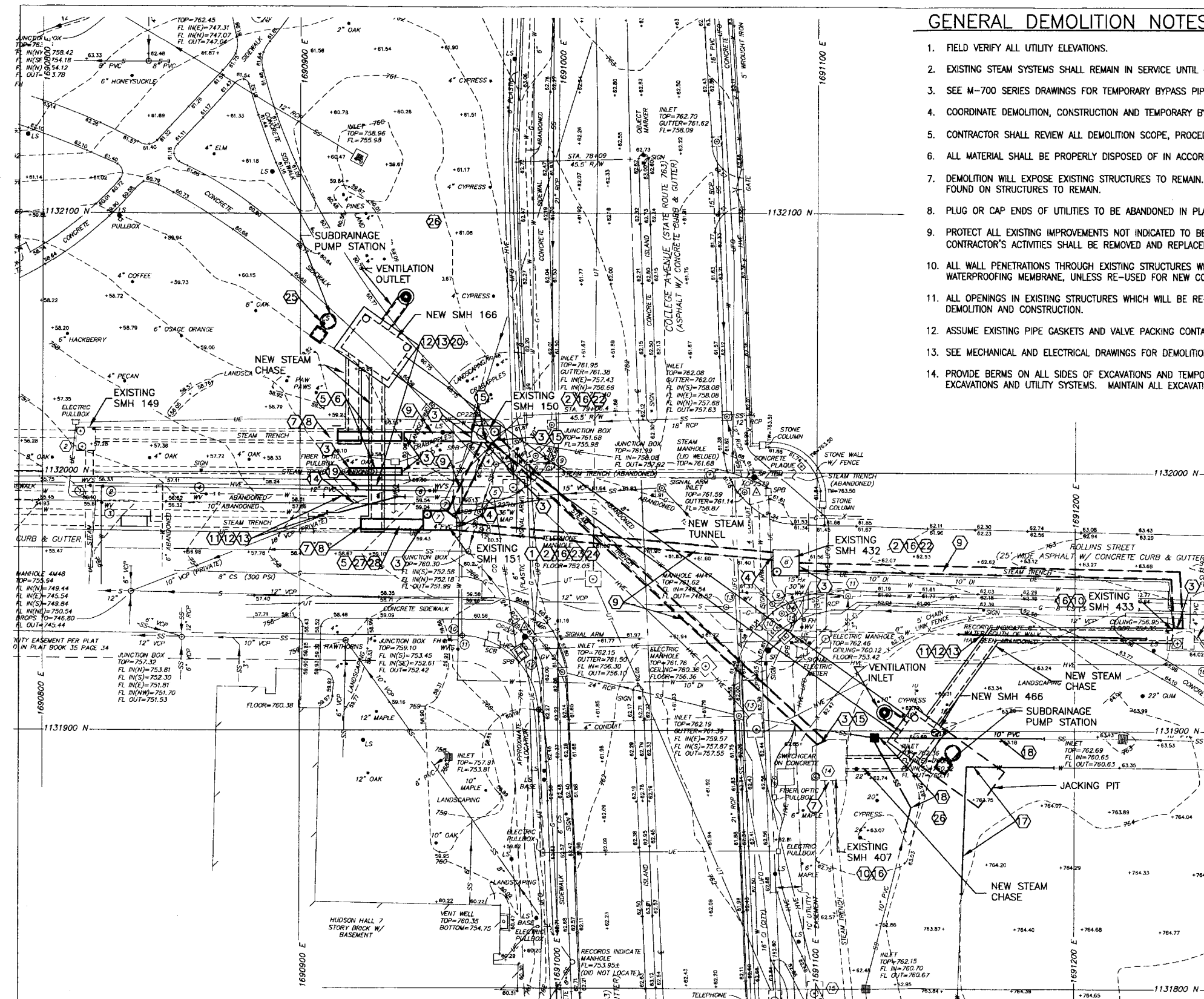
KEY NOTES:

1. SPECIAL REGULATORY SIGN. SEE CL-501.
2. REMOVE UPON COMPLETION OF SMH 432 DEMOLITION.
3. MAINTAIN MINIMUM 12' TRAFFIC LANE.
4. ADJUST LOCATION AFTER COMPLETION OF SMH 432 DEMOLITION.
5. PROVIDE TEMPORARY MARKED CROSSWALK.
6. PROVIDE CONCRETE JERSEY BARRIERS WITH END PROTECTION AROUND GAS LINE MONITORING EXCAVATION.
7. COORDINATE WITH MODOT, CITY, AND UNIVERSITY AT LEAST TWO (2) WEEKS PRIOR TO ROAD CLOSINGS.



SIMILAR TO R11-3A





PLAN

GENERAL DEMOLITION NOTES:

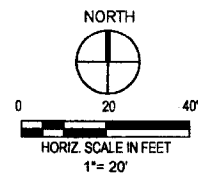
1. FIELD VERIFY ALL UTILITY ELEVATIONS.
2. EXISTING STEAM SYSTEMS SHALL REMAIN IN SERVICE UNTIL NEW STEAM SYSTEM IS INSTALLED AND OPERATING.
3. SEE M-700 SERIES DRAWINGS FOR TEMPORARY BYPASS PIPING.
4. COORDINATE DEMOLITION, CONSTRUCTION AND TEMPORARY BYPASS PIPING AS REQUIRED.
5. CONTRACTOR SHALL REVIEW ALL DEMOLITION SCOPE, PROCEDURES AND ACTIVITIES WITH OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
6. ALL MATERIAL SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, STATUTES AND REGULATIONS.
7. DEMOLITION WILL EXPOSE EXISTING STRUCTURES TO REMAIN. ADVISE OWNER'S REPRESENTATIVE OF ANY DAMAGE TO OR UNUSUAL CONDITIONS FOUND ON STRUCTURES TO REMAIN.
8. PLUG OR CAP ENDS OF UTILITIES TO BE ABANDONED IN PLACE.
9. PROTECT ALL EXISTING IMPROVEMENTS NOT INDICATED TO BE REMOVED. ANY EXISTING IMPROVEMENTS WHICH ARE DAMAGED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES SHALL BE REMOVED AND REPLACED TO THEIR PRIOR CONDITION OR BETTER AT THE EXPENSE OF THE CONTRACTOR.
10. ALL WALL PENETRATIONS THROUGH EXISTING STRUCTURES WHICH REMAIN AFTER DEMOLITION SHALL BE FILLED WITH CONCRETE AND SEALED WITH WATERPROOFING MEMBRANE, UNLESS RE-USED FOR NEW CONSTRUCTION.
11. ALL OPENINGS IN EXISTING STRUCTURES WHICH WILL BE RE-USED SHALL BE TEMPORARILY SEALED TO PREVENT WATER INFILTRATION DURING DEMOLITION AND CONSTRUCTION.
12. ASSUME EXISTING PIPE GASKETS AND VALVE PACKING CONTAINS ASBESTOS UNLESS FIELD VERIFIED TO BE OTHERWISE.
13. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR DEMOLITION INSIDE EXISTING STEAM MANHOLES AND CHASES.
14. PROVIDE BERMS ON ALL SIDES OF EXCAVATIONS AND TEMPORARY DRAINAGE SYSTEMS AS REQUIRED TO PREVENT SURFACE WATER FLOW INTO OPEN EXCAVATIONS AND UTILITY SYSTEMS. MAINTAIN ALL EXCAVATIONS IN A DEWATERED CONDITION AT ALL TIMES.

KEY NOTES:

1. REMOVE SMH RISER, ROOF, AND SIDEWALLS TO 3' BELOW GRADE. REMOVE ALL CONTENTS. BREAK FLOOR FOR DRAINAGE AND BACKFILL WITH SAND OR GRAVEL. OBTAIN INSPECTION AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO BACKFILLING. SEE MD DRAWINGS.
2. SMH WATERPROOFING CONTAINS ASBESTOS. ABATE.
3. SEAL STEAM CHASE. SEE DETAIL ON CD-501.
4. SEAL STEAM CASING. SEE DETAIL ON CD-501.
5. REMOVE STEAM CHASE.
6. ABATE ASBESTOS CONTAINING CHASE WATERPROOFING AND PIPE INSULATION.
7. STEAM CHASE TO REMAIN IN SERVICE.
8. CONNECT TO NEW STEAM CHASE.
9. STEAM LINE TO BE ABANDONED IN PLACE.
10. EXISTING STEAM MANHOLE TO REMAIN IN SERVICE. REPLACE PIPING AND ELECTRICAL AS REQUIRED. SEE MD, M, ED, AND E SERIES DRAWINGS.
11. REMOVE ABANDONED UTILITY.
12. FIELD VERIFY UTILITY IS OUT OF SERVICE PRIOR TO PROCEEDING.
13. SEAL ENDS OF UTILITY TO REMAIN IN PLACE.
14. LOCATION AND FLOW LINE OF 10" S (VCP) IS UNCERTAIN. IT IS ASSUMED RELOCATION IS NOT REQUIRED. FIELD VERIFY.
15. ABATE CHASE PIPE INSULATION AS REQUIRED TO SEAL CHASE OPENINGS.
16. OWNER ADVISES THAT EXISTING SMH PIPING IS ASBESTOS FREE. FIELD VERIFY.
17. REMOVE WATER LINE. SEE CU-101 FOR RELOCATED WATER LINE.
18. REMOVE STORM SEWER. SEE CU-101 FOR RELOCATED STORM SEWER.
19. REPLACE 12" W (PVC) WITH DUCTILE IRON WATER PIPE TO CLEAR NEW STEAM CHASE.
20. HVAC DUCTBANK IS EMPTY. REMOVE IF REQUIRED TO CLEAR NEW STEAM CHASE. PLUG REMAINING CONDUITS.
21. REVIEW WITH OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
22. REMOVE SMH ACCESS RISER, FRAME AND LID. REMOVE ALL CONTENTS. BREAK FLOOR FOR DRAINAGE AND BACKFILL WITH SAND OR GRAVEL. BACKFILL TOP 1' OF SMH WITH FLOWABLE FILL TO INSURE ROOF IS FULLY SUPPORTED. OBTAIN INSPECTION AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO BACKFILLING. SEE MD DRAWINGS.
23. SMH IS IN POOR CONDITION & IS SUPPORTED WITH TEMPORARY INTERNAL BRACING. PROVIDE ADDITIONAL BRACING AS REQUIRED TO SAFELY COMPLETE DEMOLITION.
24. REMOVE BRACING AS BACKFILL PROGRESSES.

KEY NOTES (CONTINUED):

25. RELOCATE LIGHT POLE. SEE ELECTRICAL DRAWINGS.
26. REMOVE TREES AND ROOT BALLS IN CONSTRUCTION AREA AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
27. OWNER ADVISES THAT EXISTING CHASE PIPE INSULATION IS ASBESTOS FREE. FIELD VERIFY.
28. ABATE ASBESTOS CONTAINING CHASE WATERPROOFING.



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PROJECT # CP122421

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DATE:	
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REVISION:	
DATE:	
BY:	
ISSUE DATE:	03-17-2014

ENGINEER
PROJECT NO.: 968
FILE: 958-CD-101.DWG
DRAWN BY: R.D.M.
CHECKED BY: C.L.B.
APPROVED BY: C.L.B.
SCALE: 1"=20'

SHEET TITLE:
**SITE PLAN -
DEMOLITION**

SHEET NUMBER:

CD-101