

LOCATION MAP

Not to Scale

1. All construction to be in accordance with "City of Columbia Street, Storm and Sanitary Specifications for Highway Construction" (Current edition).
2. Known underground utilities are shown in their approximate locations. Other utilities may exist.
3. All removals shall be verified by field inspector.
4. All excavation to be in accordance with Sections 319.010–319.050, Revised Statutes of the State of Missouri. Such compliance shall not, however, excuse any person making any excavation from doing so in a careful and prudent manner, nor shall it excuse such person from liability for any damage or injury to underground utilities resulting from the excavation.
5. Removal of trees and bushes shall be verified by field inspectors. Exercise caution when working near the construction limits to minimize disturbance to adjacent trees and shrubs that are not being removed by construction activities.
6. No open trenches will be allowed overnight outside of the "road closed" area. Asphaltic "cold mix" shall be used as a temporary patch overnight. Temporary patching shall be considered incidental to the work.
7. All Barricades, signs, other traffic control devices and placement thereof shall conform to the current edition of the Manual on Uniform Traffic Control Devices (MUTCD). Signing shown as minimum requirements for adjacent roadways shall be installed prior to improvements. Contractor responsible for additional signing, marking, or delineators for site specific construction phasing to comply with MUTCD guidelines.



Ninth Street Sidewalk

CITY PROJECT NO. 00000

UTILITY COMPANIES:

TELEPHONE
Centurylink
25 Cherry Street
Columbia, MO 65205
73-886-3500

NATURAL GAS
Merem Missouri
1001 Maguire Boulevard
Columbia, MO 65201
73-876-3030

INTERNET/TELEPHONE
Spectrum/Charter
104 Rain Forest Parkway
Columbia, MO 65202
66-874-2389

LOCATES
Missouri One Call Inc.
1022 B Northeast Drive
Jefferson City, MO 65109
1-800-344-7483 or 811
<https://www.mo1call.com/>

CABLE TELEVISION
Mediacom
901 N. College Avenue
Columbia, MO 65201
573-443-1536 ext 354

WATER/ELECTRIC/SAN. SEWER
City of Columbia
P.O. Box 6015
Utilities Department
Columbia, MO 65205
573-874-2489

INDEX OF SHEETS

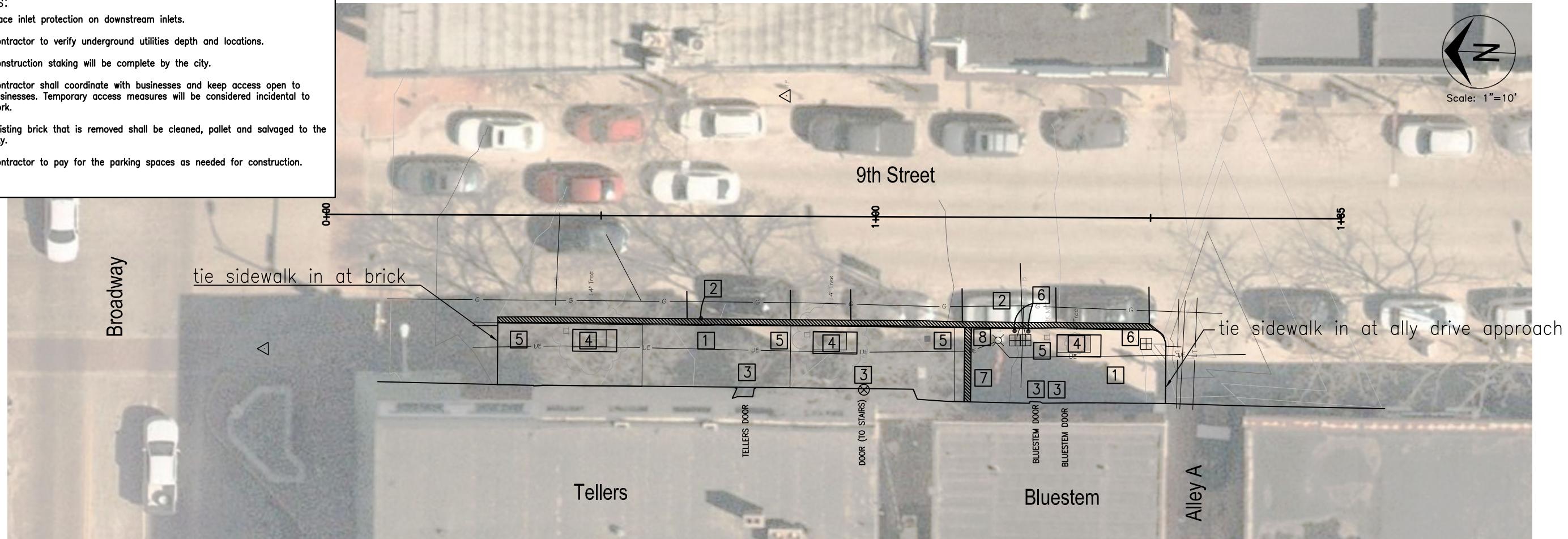


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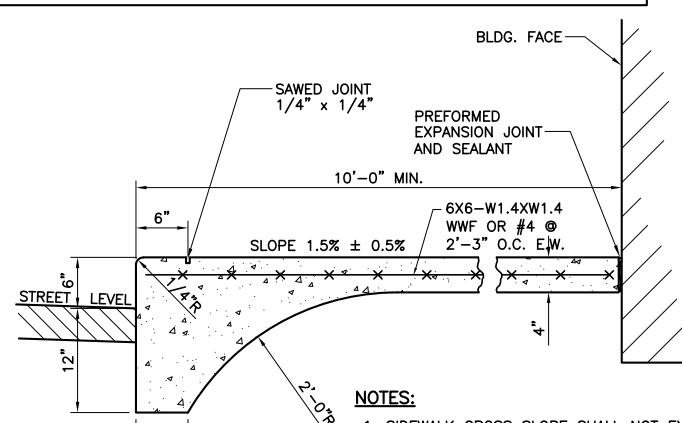
Mission Provide safe, sustainable Infrastructure that promotes positive communities.				701 East Broadway P.O. Box 6015 Columbia, MO 65205 (573) 875-2489	
No.	Date	By	Revision		
File No. 00000		Des. A.A.A	Sheet 1 of 5		
Scale: None		Dwn. A.A.E			
Date: 2/28/2023		Chk. A.A.A			
NINTH STREET SIDEWALK <hr/> Approved By _____					
Director of Public Works _____ Date _____					

Notes:

- 1 Place inlet protection on downstream inlets.
- 2 Contractor to verify underground utilities depth and locations.
- 3 Construction staking will be complete by the city.
- 4 Contractor shall coordinate with businesses and keep access open to businesses. Temporary access measures will be considered incidental to work.
- 5 Existing brick that is removed shall be cleaned, pallet and salvaged to the city.
- 6 Contractor to pay for the parking spaces as needed for construction.



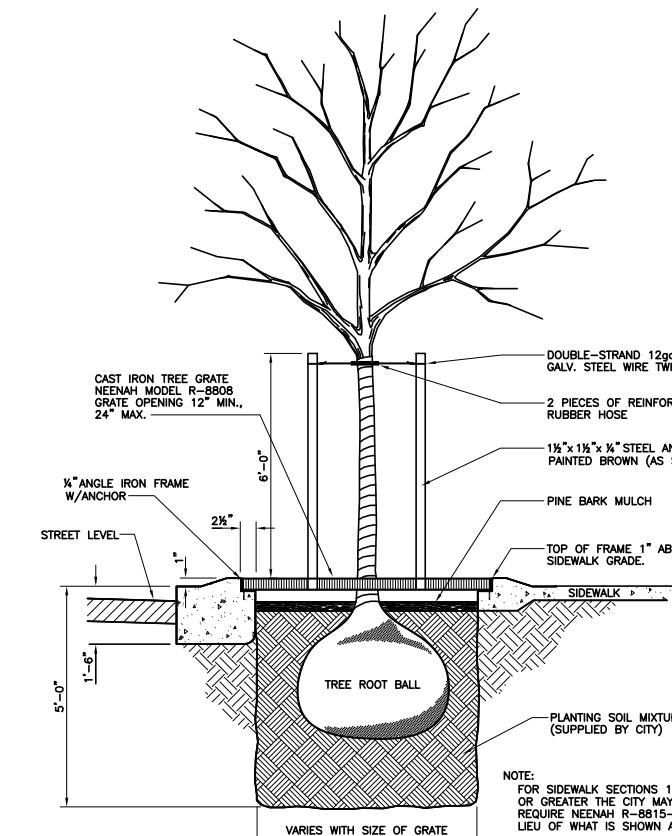
- 1 Saw cut and remove existing sidewalk. Construct 4" Concrete Sidewalk with integral curb. (Downtown sidewalk, Detail 1000.02)
- 2 Saw cut remove pavement as needed for Sidewalk construction (assume 1' width). (Patch pavement, Detail 1000.04)
- 3 Construct concrete landing at door.
- 4 Install planter frame for 4'x8' tree planter. (Detail 1000.09, Aaron Steel has specifications) Parks + Recreation will remove the trees.
- 5 Remove and replace bike rack, meters.
- 6 Adjust valves/meters.
- 7 Install trench grate with Type P lid. (Detail 1000.16)
- 8 Light pole to remain in place.



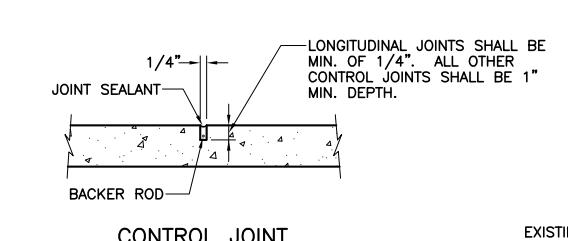
NOTES:

1. SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.00%.
2. SAW AND PATCH STREET PAVEMENT AS NECESSARY FOR CONSTRUCTION OF NEW CURB.
3. SEE JOINT DETAILS - 1000.03.
4. SEE SPECIFICATIONS - 1000.01B THRU 1000.01D.
5. NO STEEL TO BE PLACED THROUGH EXPANSION JOINT

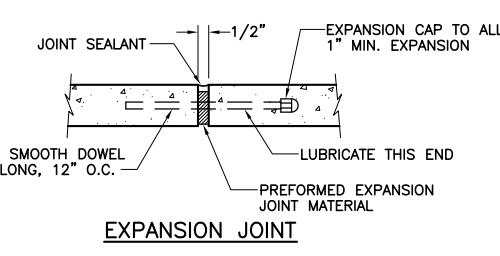
DOWNTOWN SIDEWALK DETAIL



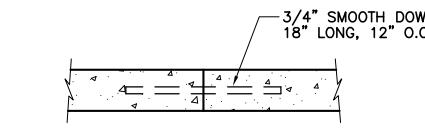
TREE PLANTER



CONTROL JOINT



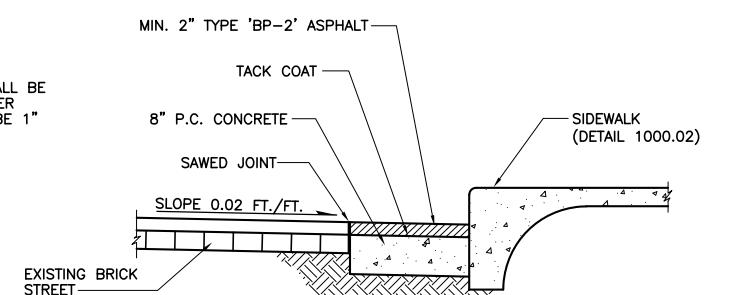
EXPANSION JOINT



TRANSVERSE CONSTRUCTION JOINT

NOTES:

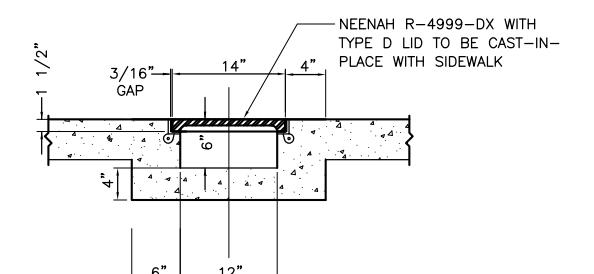
1. SEE SPECIFICATIONS - 1000.01B THRU 1000.01D.
2. ALL DRILLED DOWEL BARS SHALL BE EXPOXIED.



EXISTING BRICK STREET

NOTE: AREAS TO BE OVERLAIN SHALL HAVE A TACK COAT OF SS-1 WATER BASED EMULSION APPLIED AT A RATE OF 0.2 GALLONS PER SQUARE YARD. THIS IS TO BE INCLUDED IN THE PRICE BID FOR "PATCHING AND LANE WIDENING" AND/OR "FULL DEPTH STREET PATCH FOR CONDUIT".

Pavement Patch



NOTE:

1. TRENCH GRATE CUT (IF NEEDED) SHALL BE LOCATED AT PROPERTY LINE.



Shane Steven Crecel
Registered Professional
Engineer
PE-2007011061

File No. 00000

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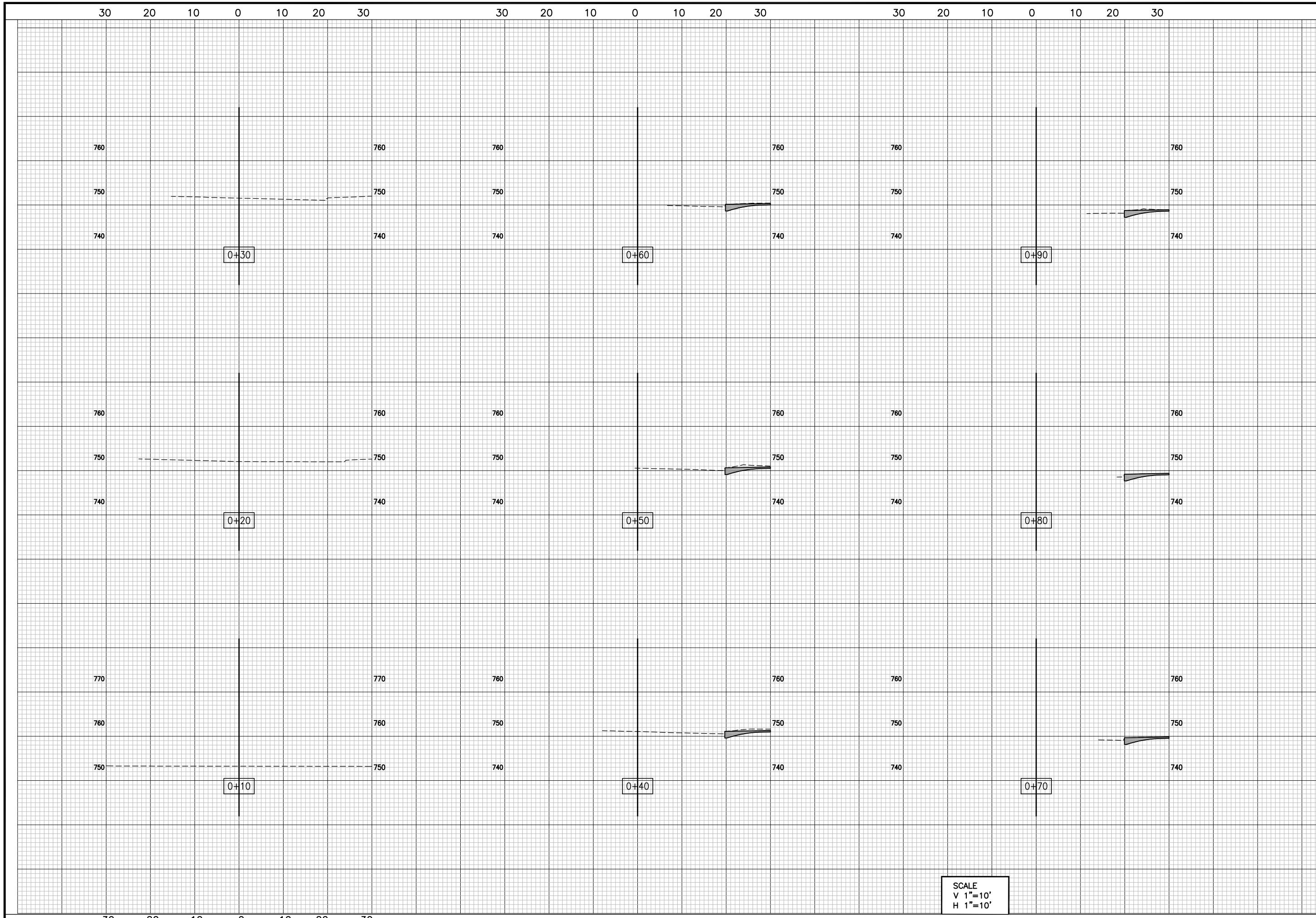
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NINTH STREET SIDEWALK
Plan and
Details

Mission
Provide safe sustainable
infrastructure that promotes
positive communities.

701 East Broadway
Columbia, MO 65205
(573) 875-2489



NINTH STREET SIDEWALK

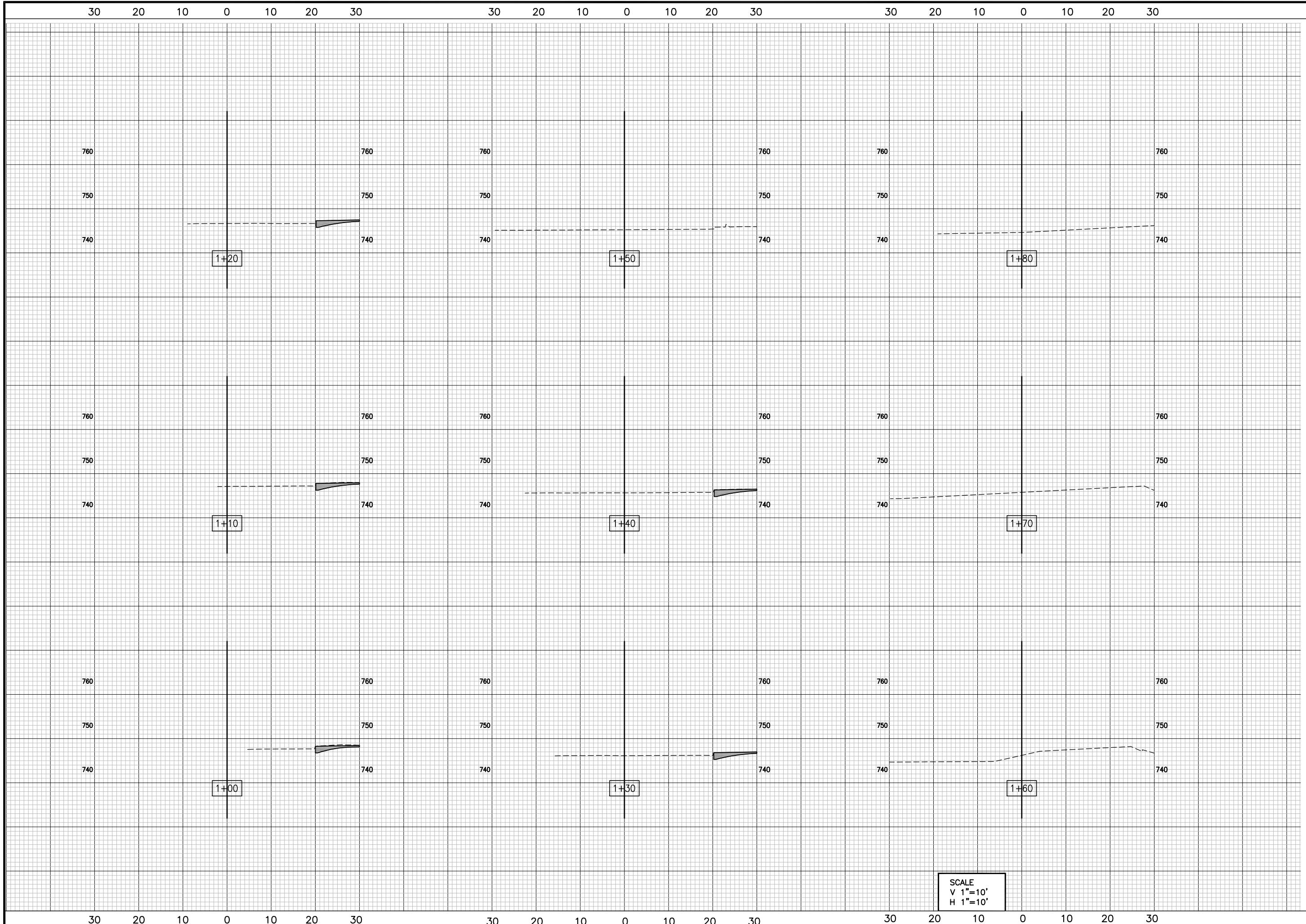
NINTH STREET SIDEWAL



Shane Steven Creech
Registered Professional
Engineer
PE-2007011061

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NINTH STREET SIDEWALK

<h2>Mission</h2>	<p>Provide safe, sustainable infrastructure that promotes positive community engagement.</p>
	<p>701 East Broadway P.O. Box 6015</p>

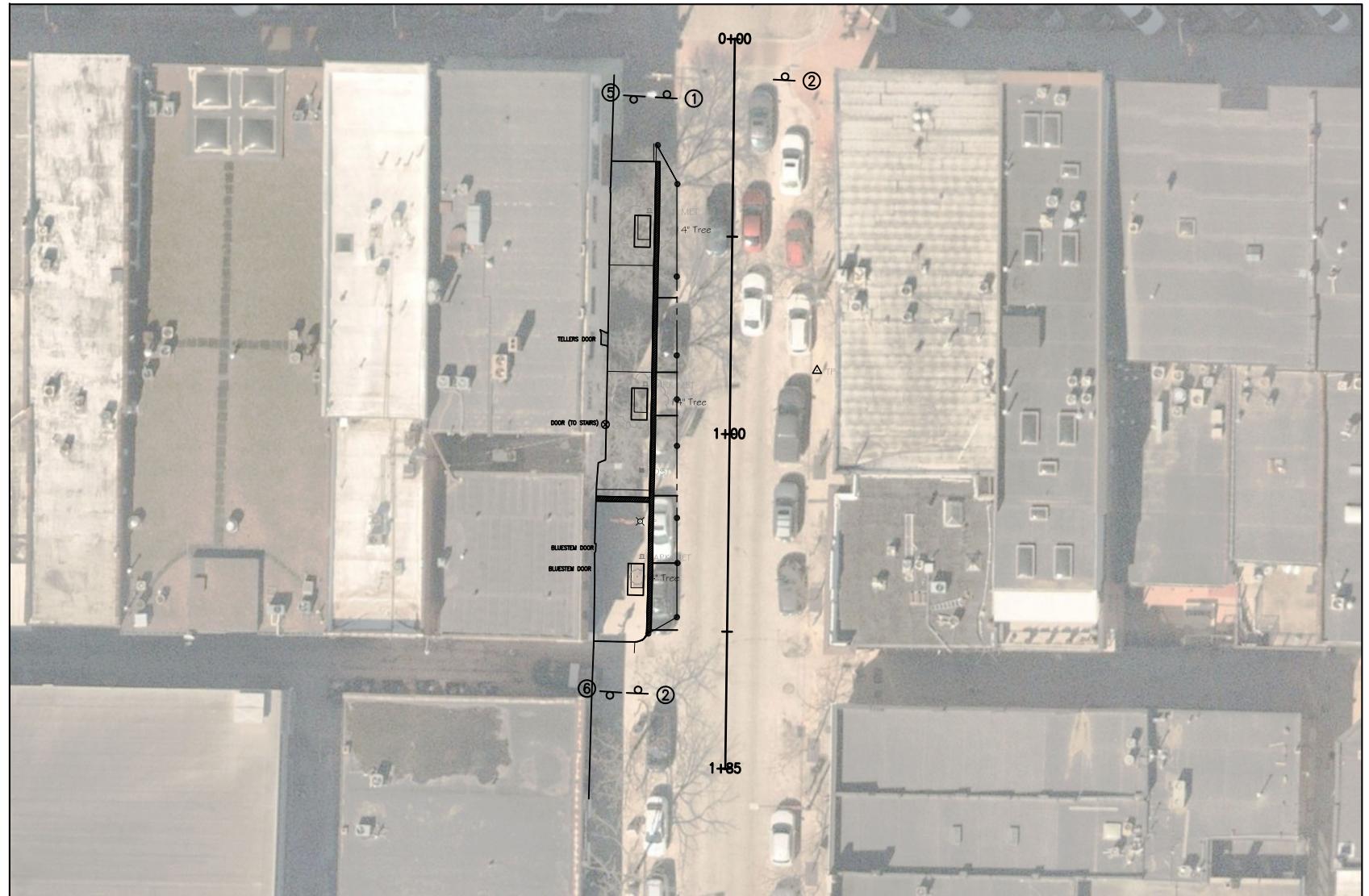
Shane Steven Cree
Registered Professional
Engineer
PE-2007011061

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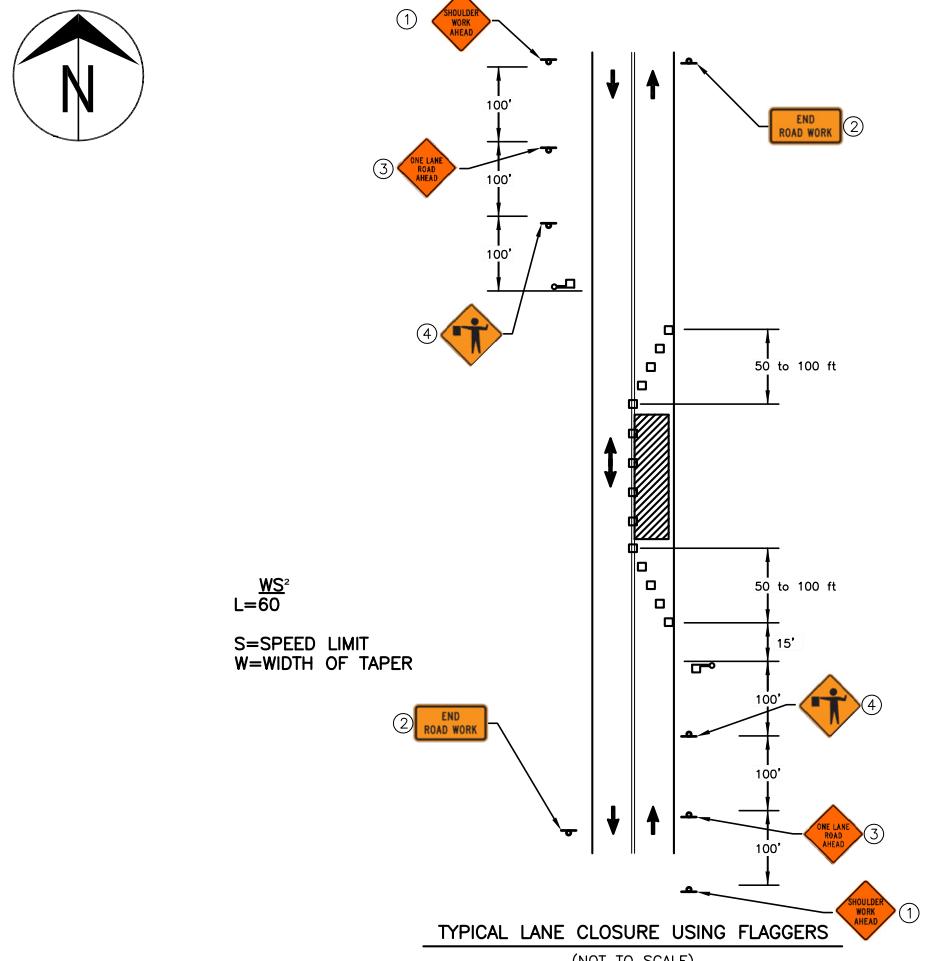
TRAFFIC CONTROL PLAN

SCALE: 1"=20'

CITY WILL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH CLOSURE OF THE PARKING SPACES TO COMPLETE THE WORK.

TRAFFIC CONTROL GENERAL NOTES:

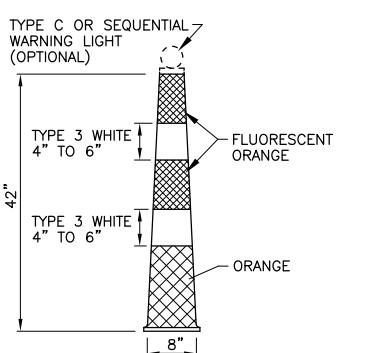
1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL BARRICADES, SIGNS, OTHER TRAFFIC CONTROL DEVICES AND PLACEMENT THEREOF SHALL CONFORM TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE CONTRACTOR SHALL NOTIFY THE CITY JOINT COMMUNICATIONS OFFICE OF ALL ROAD CLOSURES OR LANE REDUCTIONS IN ADVANCE. JOINT COMMUNICATIONS PHONE NUMBER IS (573) 874-7400.
3. TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION. ACTUAL QUANTITIES WILL DEPEND ON THE CONTRACTOR'S CONSTRUCTION SEQUENCE AND PROGRESS. NO MEASUREMENT WILL BE MADE OF ACTUAL QUANTITIES. QUANTITIES SHOWN ARE APPROXIMATE.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE CONSTRUCTION ZONE TO THE MAXIMUM EXTENT PRACTICABLE.
5. NO OPEN TRENCHES WILL BE ALLOWED OVERNIGHT OUTSIDE OF THE "ROAD CLOSED" AREA. ASPHALTIC "COLD MIX" SHALL BE USED AS A TEMPORARY PATCH OVERNIGHT. TEMPORARY PATCHING SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
6. ALL OPEN TRENCHES ARE TO BE BARRICADED WITH CONSTRUCTION FENCING.
7. THE DISTANCE BETWEEN TEMPORARY TRAFFIC CONTROL SIGNS MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



MUTCD CODE	DESCRIPTION	SIZE	QUANTITY
① W21-5	"ROAD WORK AHEAD"	36"x36"	6
② G20-2	"END ROAD WORK"	36"x18"	3
③ W20-4	"ONE LANE ROAD AHEAD"	36"x36"	2
④ W20-7	FLAGGER SIGN	36"x36"	2

LEGEND	
■	SIGN
□	CHANNELIZER
▢	FLAGGER
▨	WORK ZONE

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701 East Broadway P.O. Box 6015 Columbia, MO 65205 (573) 875-2489	



REFLECTIVE SHEETING APPLIED TO CHANNELIZERS SHALL BE REBOUNDABLE MEETING ASTM D 4956.

TRIM LINE CHANNELIZER
N.T.S.



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Engineer
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