



Applicant Information

Company Name: Oklahoma Natural Gas/ B&H Boring Company Contact: Jacob Highers
 Address: 5848 East 15th Street Contact Phone #: 918-804-9684
 City, State: Tulsa, Ok. 74112 Contact Email: Jacob.highers@onegas.com

Street Closure Information

Type of Closure		Roadway Type	
<input type="checkbox"/> Partial/One Lane	<input checked="" type="checkbox"/> Full Roadway	<input checked="" type="checkbox"/> Arterial	<input type="checkbox"/> Industrial
<input type="checkbox"/> Right of Way Work	<input type="checkbox"/> Sidewalk/Trail	<input type="checkbox"/> Residential	<input type="checkbox"/> Commercial
<input type="checkbox"/> Other: _____		Project Association	
		<input checked="" type="checkbox"/> Private Project	<input type="checkbox"/> Public Project
Road Name or Facility for Closure: _____		Project Name: <u>Gas Leak Investigation</u>	
Location/Extents: <u>Intersection of Hillside Drive & Albany Street</u>		Hillside Drive	
Closure Period:	Closure Dates: Start: <u>Wednesday, July 6, 2016</u> Finish: <u>Wednesday, July 20, 2016</u>		
	Closure Times: Start: <u>Full Time</u> Finish: <u>Full Time</u>		
<u>Closure Description/Overview</u>			
<u>Hillside drive will be closed at the intersection entry to Hillside drive to the south to the end of the grass median.</u>			
<u>The frontage of the roadway at the intersection will be barricaded with water filled plastic barricades and the southern portion will be closed with lit "road closed" barricades. "Road Closed to Through Traffic" signs will be placed along Hillside Drive. Further traffic control will be implimented by "Others". See Traffic Contol Plan attached. Albany Street will maintain traffic flow.</u>			
<u>Reason for Closure</u>			
<u>The road closure is needed due to the pressance of a suspected leak in the 18" ONG gas main running along Albany Street. The excavation of this line will reach from curb to curb along Albany St. on Hillside Drive.</u>			

*****NOTE: Application will not be approved without adequate Traffic Control Plan submitted with application*****

I have read and understand the attached City of Broken Arrow Traffic Control Manual Chapter 8 - Work Zones. Furthermore, I agreed to release, indemnify and hold harmless the City of Broken Arrow from any liability for personal injuries or property damage sustained by any person in connection with any activities for which this permit is issued.

Jacob Highers [Signature] 7-1-16 918-804-9684
 Name (Print) Signature Date Phone/Email

City of Broken Arrow Authorization - Ordinance No. 2837 § 23-28(a)

Engineering & Construction
Director Concurrence

Assistant City Manager
Recommendation

City Manager'
Authorization

[Signature]
Jeff Bigby, PE

Kenneth D. Schwab
Kenneth Schwab, PE, CFM

[Signature]
Michael Spurgeon

SUBJECT: Work Zone Traffic Control

1.0 PURPOSE: To establish policy and procedure for controlling traffic flow through construction work zones on public streets and walkways in the City of Broken Arrow. This policy sets the minimum standards for work zone traffic control. It supplements but does not supersede a traffic control plan prepared and approved for a specific job and reviewed by the Director of the Engineering and Construction Department or other departments that contract out City work and/or inspect subject work site.

2.0 POLICIES:

- 2.1 All construction zone signs and traffic control devices will conform to the requirements of the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD).
- 2.2 All construction traffic controls required by MUTCD and necessary for the safety of the workers and motoring public will be implemented.
- 2.3 All construction work zones will start with the sign “Fines are doubled in Work Zones” and will end with an “End Construction” sign.
- 2.4 Construction zone speed limits will be maintained as closely as possible to the posted speed limit. However, safety of the workers is the overriding consideration and construction zone speed limits will be reduced as appropriate to site conditions to increase the safety of workers.
- 2.5 Work zones that have an abrupt change of direction, severe change in pavement elevation, a surface problem that prohibits faster travel, or workers working at the side of the road on the roadway may have speed limits as low as 20 mph or the posted limit whichever is less.
- 2.6 Work zones with limited equipment activity and no workers in the construction zone may have the work zone speed limit removed at the discretion of the work site supervisor.
- 2.7 When the work zone is idle for a period exceeding 14 days, the speed limit will be returned to the normal speed limit unless there is a surface condition that prohibits that rate of speed.
- 2.8 All existing traffic control signs will either be removed or covered if they are not applicable during construction. Signs that are removed will be turned over to the Street & Stormwater Department.
- 2.9 When a road is closed a marked detour route will be posted.
- 2.10 All scheduled road closures will be submitted by the appropriate department to the City Manager for approval.
- 2.11 For road closures exceeding one day, signs announcing the road closure will be erected, on the approaching roads, a minimum of seventy-two (72) hours prior to the road closure.

- 2.12 When a road is closed for more than a day, the contractor/construction crew will check and maintain the signage each workday morning that the roadway is closed.
- 2.13 For one (1) day closures, signs announcing the road closure will be erected, on the approaching roads, a minimum of 72 hours prior to the road closure.
- 2.14 Unless otherwise coordinated, one (1) day road closures will start after 9:00am and end by 4:30pm.
- 2.15 For partial closures, in which one direction is closed at a time for less than 10 minutes, the contractor shall have personnel to flag traffic around the partial closure in accordance with standard MUTCD procedures. When a flagman is present, an advance warning sign for flagman ahead shall be properly placed on the roadway in both directions.
- 2.16 Traffic cones may be used for short duration projects (one (1) day or less).
- 2.17 Wood and metal barricades, pylons or plastic barrels will be used for medium duration projects (one (1) day to three (3) weeks). Lighting for these traffic control devices will be in accordance with the MUTCD and shall be operational after daylight hours.
- 2.18 Plastic barrels and/or pylons will be used on long duration projects (over three (3) weeks). Lighting for these traffic control devices will be in accordance with the MUTCD and will be operational.
- 2.19 Signs on standards or barricades that are not constructed with weighted bases, which are placed in the street, shall be sandbagged to prevent overturning by wind.
- 2.20 Temporary marking of roadways will normally be accomplished with paint. However, marking tape may be used for up to medium duration periods (one (1) day to three (3) weeks).
- 2.21 Construction speed limit signs will be posted at a minimum every one-half of a mile or after each street intersection where traffic enters the street that is under construction.
- 2.22 This manual will be included by reference in all construction contracts prepared after its effective date.

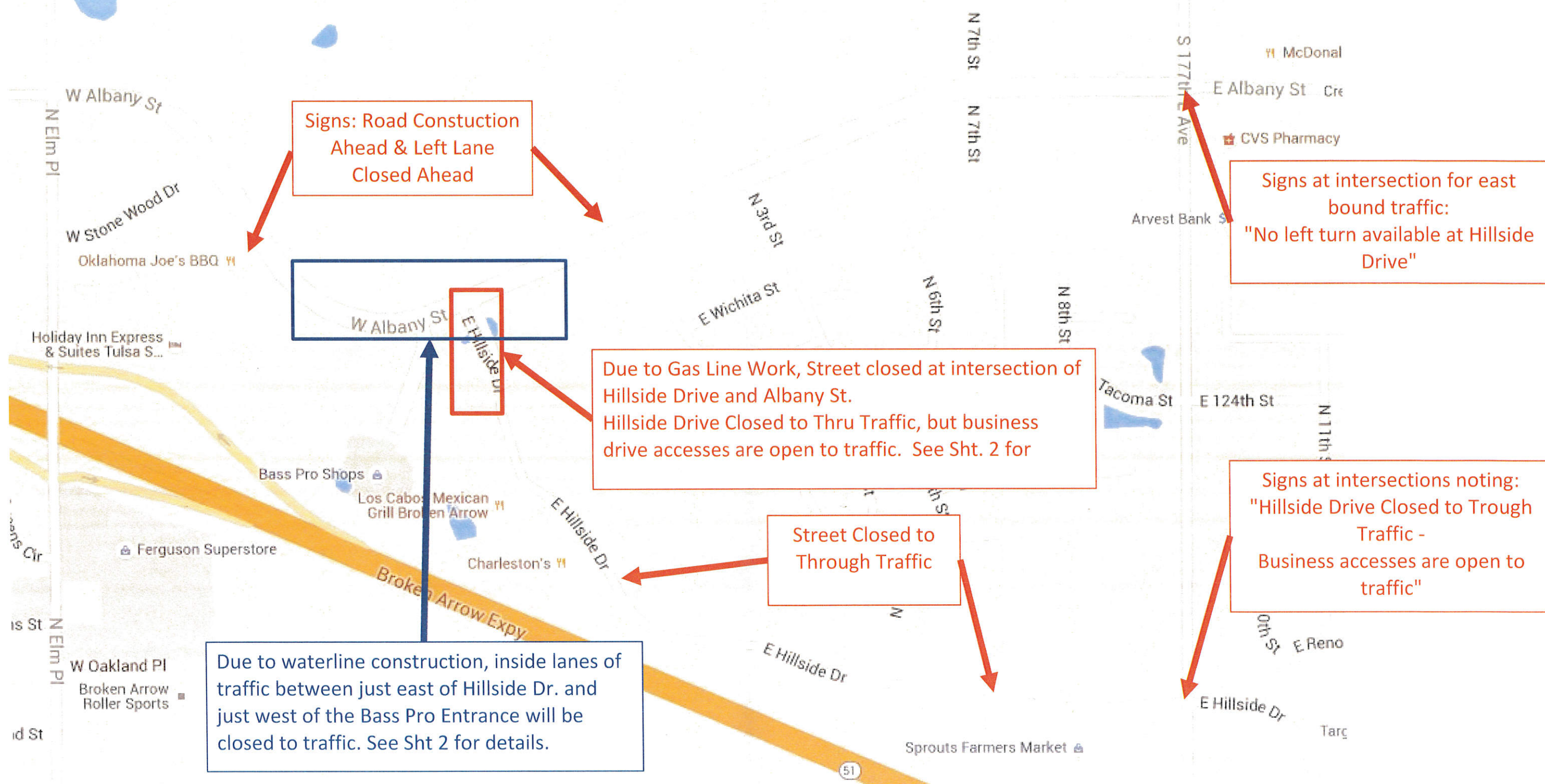
3.0 RESPONSIBILITY:

- 3.1 The Streets and Stormwater Department/City is responsible for:
 - 3.1.1 Maintaining an inventory of traffic control measures for use by City crews.
 - 3.1.2 Maintaining a list of all construction zones in the city.
 - 3.1.3 Notifying the appropriate department of any work zones that do not comply with this manual

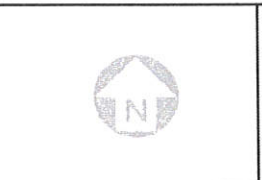
- 3.2 The Police Department is responsible for:
 - 3.2.1 Enforcing construction zone traffic laws.
 - 3.2.2 As required provide increased enforcement in problem construction zones.
Section/Policy/Revision Number: 8.1.0
- 3.3 The Engineering and Construction is responsible for.
 - 3.3.1 Insuring that all contractors that work for the city receive a copy of this guideline and implement its requirements.
- 3.4 All departments are responsible for:
 - 3.4.1 All the submission, review, implementation and enforcement of work zone traffic control plans/measures for the City contracted work or private work that is administered within their department.
 - 3.4.2 Notifying the PD Dispatch, both school district transportation offices, and the City's Director of Communications of all planned road closures.
- 3.5 The Traffic Control Committee.
 - 3.5.1 Maintaining and update this guideline

4.0 PROCEDURE:

- 4.1 General: The procedure for each construction zone will be different. However, the guidelines/policies listed above provide the basic guidelines for implementing a traffic control plan suitable for all work zones. Each work zone plan will be considered separately and approved by the Director of the Engineering and Construction Department or the appropriate department administering the work.
- 4.2 Speed Control: Since all construction zones will involve speed control, the following signage will be used as a minimum:
 - 4.2.1 "Construction Zone Ahead"
 - 4.2.2 "Fines Double in Work Zones"
 - 4.2.3 "Speed Limit Signs" – These signs will be placed as often as necessary to ensure that motorists entering the work zone from the main or side roads will see a speed limit sign upon entering the work zone.
 - 4.2.4 "End Construction Zone"



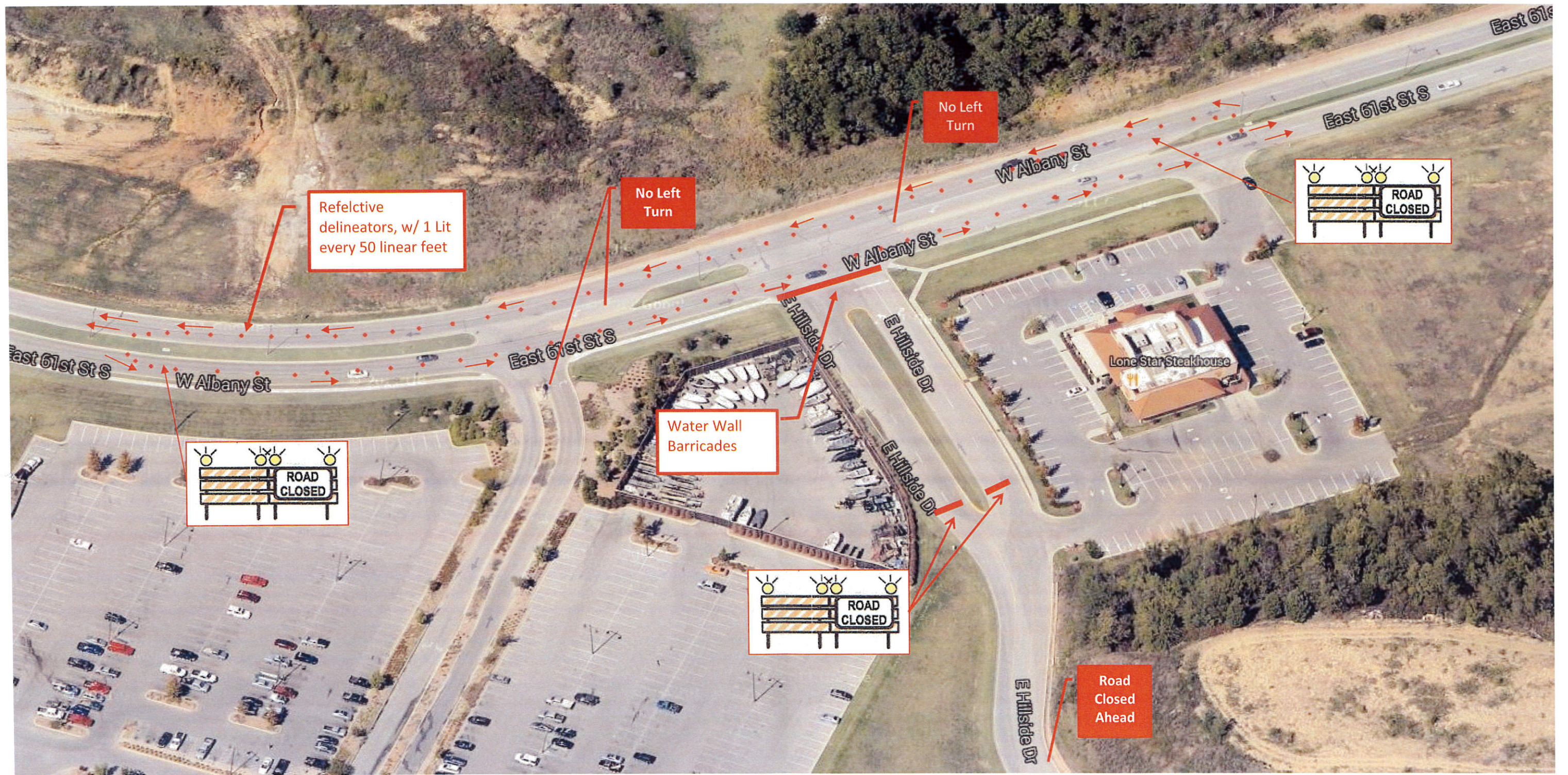
Sheet Number:	1	of	2
Revisions:			



Hillside Dr. at Albany St. Roadway Closure

Overall Street Closure Layout

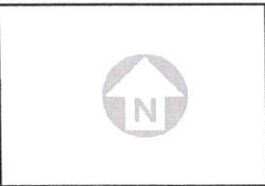
Scale:	NTS
Drawn By:	TSR
Reviewed by:	
Date Drawn:	7/1/2016



Duration of Closure Expected: 2 weeks
 Start: Morning of July 6th, 2016
 Finsih: Afternoon of July 20th, 2016

Contractors Involved:
 Gas Line Work - ONG & B&H Boring
 Water Line Work - Davis H. Elliot

Sheet Number:	
2 of	2
Revisions:	



Hillside Dr. at Albany St. Roadway Closure

Hillside Drive Intersection Detail

Scale:	NTS
Drawn By:	TSR
Reviewed by:	
Date Drawn:	7/1/2016