

COUNCIL ACTION FORM

SUBJECT: DETOUR AGREEMENT FOR BOONE COUNTY – RECONSTRUCTION OF X AVENUE

BACKGROUND:

Boone County has planned for reconstruction of X Avenue (“Napier Road”) south of Lincoln Way in the spring of 2017. Because of this work, a detour plan has been proposed that will route detour traffic through the City of Ames. South bound traffic will be detoured east along West Lincoln Way and south along South Dakota Avenue. Northbound traffic will follow a reverse pattern, north along South Dakota and west along West Lincoln Way.

Because this project is funded by the Iowa DOT and the detours use local City of Ames roadways, a detour agreement is required (see attached). **It is estimated that these closures/detours will extend from April 2017 through June 2017.** The traffic control and detour routes will be maintained by Boone County or their contractor during the detour period. Engineers from the City and Boone County will jointly inspect the routes to determine the existing condition of the roadway surface, base, shoulders, and structures prior to the detour. Upon completion of the work, Boone County will be responsible for restoring the roadways to at least the previous condition or making appropriate compensation to the City.

ALTERNATIVES:

1. Approve the X Avenue detour agreement with Boone County.
2. Do not execute the detour agreement, thus necessitating Boone County to redevelop alternate construction staging and traffic control plans.

MANAGER’S RECOMMENDED ACTION:

The attached detour maps depict the closures and the proposed detour routes. The proposed detours will allow Boone County to expedite construction activities while providing for the most effective management of traffic during the construction period. While public notification will be the responsibility of Boone County, the City will assist with public awareness efforts.

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

TRAFFIC CONTROL PLAN

X Ave. shall be closed to through traffic throughout the duration of the project. Traffic control shall be in accordance with TC-1, TC-252, TC-417, TC-419, and the traffic control detour on Sheet J.2. The outside, eastbound lane on Lincoln Way shall be closed according to TC-419. The US 30 westbound ramp to X Ave. shall be closed according to TC-417.

The Contractor shall notify the Engineer a minimum of 48 hours in advance of installation of signage prior to the start of construction.

The Contractor shall coordinate traffic control if there are other projects in the area.

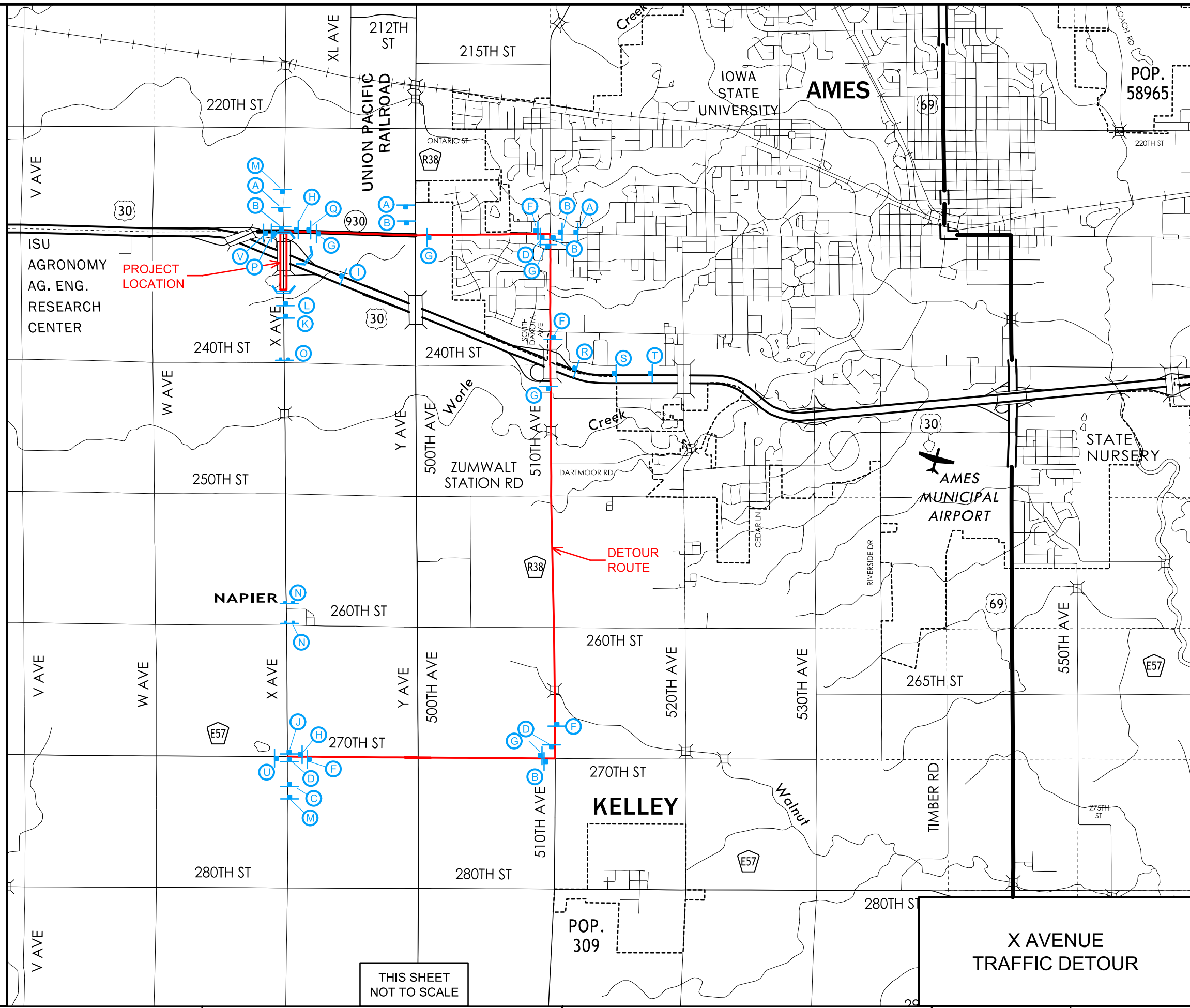
The location for storage of equipment and materials by the Contractor and sub-contractors shall be approved by the Engineer.

Proposed changes in the traffic control plan shall be approved by the Engineer prior to construction.

The traffic control signs shall be spaced 1000 feet apart on US 30, 500 feet apart in 55 mph zones, 350 feet apart in 45 mph zones, and 100 feet apart in 35 mph zones. Proposed sign spacing may be modified to meet existing field conditions or to prevent obstruction of the motorist's view of permanent signing or appropriate spacing as approved by the Engineer.

SIGN LEGEND

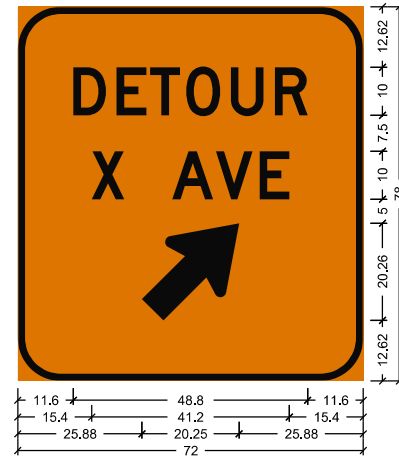
<p>A</p> <p>M4-8 24" x 12" 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>X AVE</p>	<p>J</p> <p>W20-3 48" x 48"</p> <p>ROAD CLOSED</p> <p>3 MILES</p>	<p>P</p> <p>R3-2R 24" x 24"</p> <p>NO RIGHT TURN</p>
<p>B</p> <p>M4-8 24" x 12" 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>X AVE</p>	<p>K</p> <p>W20-3 48" x 48"</p> <p>ROAD CLOSED</p> <p>1000 FT</p>	<p>Q</p> <p>R3-2L 24" x 24"</p> <p>NO LEFT TURN</p>
<p>C</p> <p>M4-8 24" x 12" 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>X AVE</p>	<p>L</p> <p>W20-3 48" x 48"</p> <p>ROAD CLOSED</p> <p>500 FT</p>	<p>R</p> <p>DETOUR</p> <p>X AVE</p> <p>↑</p>
<p>D</p> <p>M4-8 24" x 12" 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>X AVE</p>	<p>M</p> <p>W20-2 48" x 48"</p> <p>DETOUR</p> <p>1500 FT</p>	<p>S</p> <p>X AVE</p> <p>FOLLOW</p> <p>DETOUR</p> <p>R38</p>
<p>E</p> <p>M4-8 24" x 12" 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>X AVE</p>	<p>N</p> <p>R11-3A 60" x 30"</p> <p>ROAD CLOSED</p> <p>2 MILES AHEAD</p> <p>LOCAL TRAFFIC ONLY</p>	<p>T</p> <p>X AVE</p> <p>CLOSED</p> <p>3 MILES AHEAD</p> <p>USE DETOUR</p> <p>138" x 90"</p>
<p>F</p> <p>M4-8 24" x 12" M3-1 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>NORTH</p> <p>X AVE</p>	<p>O</p> <p>R11-4 60" x 30"</p> <p>ROAD CLOSED</p> <p>THRU TRAFFIC</p>	<p>U</p> <p>M2-1 21" x 15"</p> <p>JCT</p>
<p>G</p> <p>M4-8 24" x 12" M3-3 24" x 12" 24" x 12"</p> <p>DETOUR</p> <p>SOUTH</p> <p>X AVE</p>	<p>V</p> <p>M2-1 21" x 15"</p> <p>JCT</p>	<p>M</p> <p>M4-8 24" x 12"</p> <p>DETOUR</p>
<p>H</p> <p>M4-8 24" x 12" 24" x 12"</p> <p>END</p> <p>DETOUR</p> <p>X AVE</p>	<p>W</p> <p>M3-3 24" x 12"</p> <p>SOUTH</p> <p>X AVE</p>	<p>N</p> <p>M3-1 24" x 12"</p> <p>NORTH</p> <p>X AVE</p>
<p>I</p> <p>E5-2a 48" x 36"</p> <p>EXIT</p> <p>CLOSED</p>	<p>X</p> <p>TRAFFIC SIGN</p>	<p>N</p> <p>M2-1 21" x 15"</p> <p>JCT</p>
	<p>Y</p> <p>TYPE III BARRICADE</p>	<p>S</p> <p>M4-8 24" x 12"</p> <p>DETOUR</p>
	<p>Z</p> <p>SAFETY CLOSURE</p>	<p>M</p> <p>M3-3 24" x 12"</p> <p>SOUTH</p> <p>X AVE</p>



THIS SHEET NOT TO SCALE

X AVENUE TRAFFIC DETOUR





9.00" Radius, 1.25" Border, 0.75" Indent, Black on Orange



9.00" Radius, 1.25" Border, 0.75" Indent, Black on Orange



9.00" Radius, 1.25" Border, 0.75" Indent, Black on Orange

AGREEMENT FOR DETOUR OF COUNTY ROUTE ONTO CITY STREETS

This Agreement is entered into by and between City of Ames, hereinafter known as the City; and

Boone County, hereinafter known as the County.

WHEREAS, the County has determined the necessity to temporarily close County Road X Ave.
from IA 930 (Lincoln Way) to approximately 2290 feet south of IA 930
for the purpose of construction, reconstruction, maintenance, natural disasters, or other emergencies; and

WHEREAS, it is necessary to provide a detour for the county road closure period; and

WHEREAS, the CITY agrees to permit the detour, more particularly described as follows:

On Iowa 930, a.k.a. County Road E41 and Lincoln Way in the City of Ames, east to South Dakota Ave.; then south on South Dakota Ave. a.k.a.
County Road R38 in Story County to County Road E57; then west on County Road E57 to X Ave.

; and

WHEREAS authorized representatives of both City and County shall jointly inspect the condition of the proposed detour; and

WHEREAS, the City will review, and inspect when necessary, the City-owned bridges on the detour route and determine the maximum vehicle weight (up to 156,000 pounds) that can be safely carried on these bridges. The City may choose to restrict detour traffic to only vehicles of legal weight or size.

WHEREAS, the County agrees to perform the following pre-detour maintenance, if any: N/A
; and

WHEREAS, the County agrees to maintain the detour and provide all traffic control devices required by the Manual on Uniform Traffic Control Devices (MUTCD), as adopted pursuant to 761 IAC 130, including the marking of no-passing zones during the period of the detour; and

WHEREAS, Prior to revocation of the detour, the County shall restore the City road to as nearly as possible as good condition as it was prior to its designation as a detour road, or adequately compensate the City for excessive traffic upon the City road during the period it was used as a detour road, in accordance with Section 313.28 or Section 313.29 of the Iowa Code and Iowa DOT Policy 600.05; and

WHEREAS, The detour period is estimated to begin April, 2017 and end June, 2017
(date) (date); and

WHEREAS, the parties agree to the following additional provisions, if any: N/A

NOW, THEREFORE, BE IT AGREED that the described road be used as a detour under stipulations outlined above.

IN WITNESS WHEREOF, The parties hereto have caused this agreement to be executed by proper officers thereunto duly authorized as of the dates below indicated.

City representative Date

Printed name and title of city representative

County representative Date

Printed name and title of county representative