

REQUESTED DATES: \_\_\_\_\_

ADDRESS:

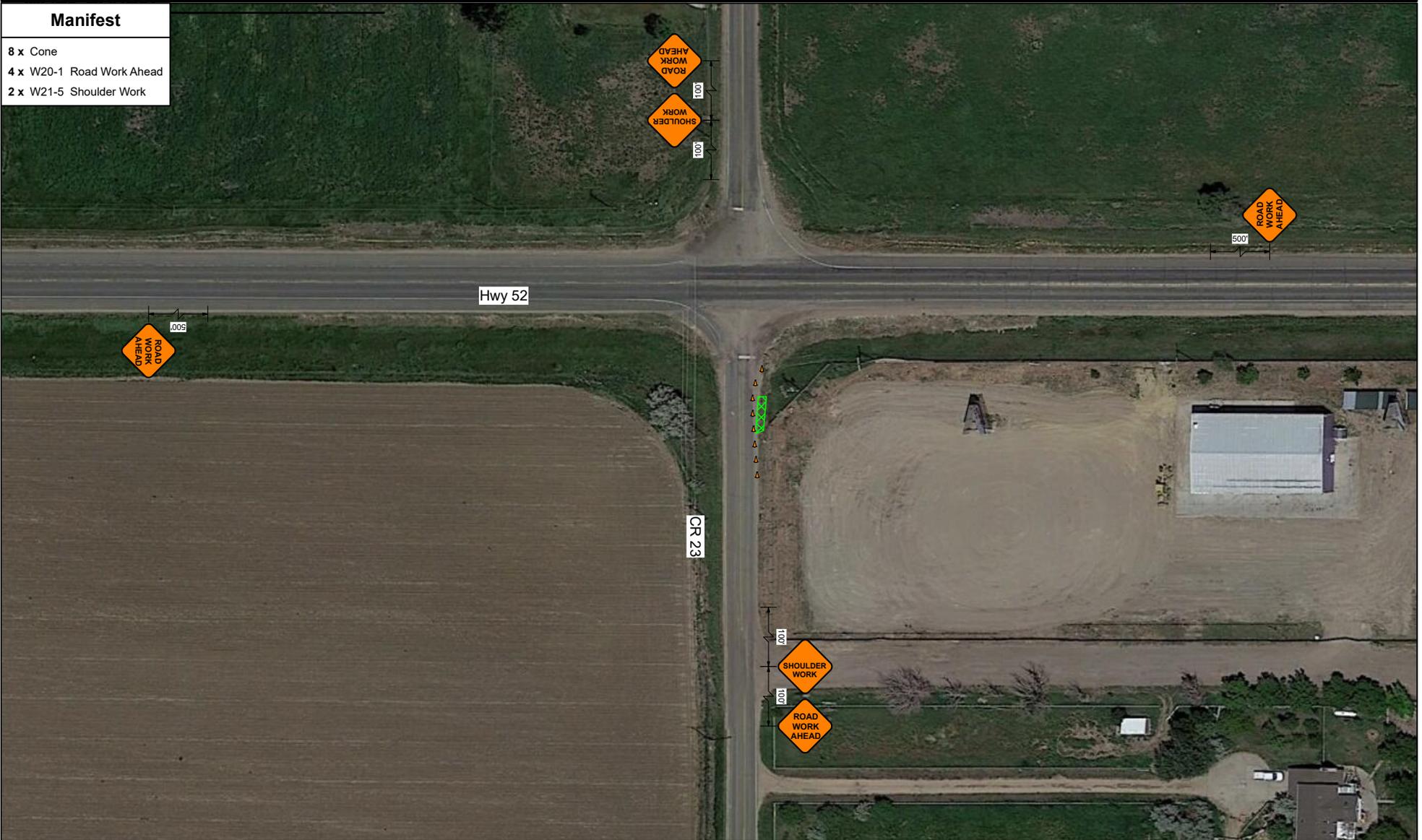
23 State Hwy 52, Erie

JOB #:

www.invarion.com

**Manifest**

- 8 x Cone
- 4 x W20-1 Road Work Ahead
- 2 x W21-5 Shoulder Work



**AREA WIDE PROTECTIVE**  
970-356-6881

**ATSSA**  
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that Amanda Piotrowski has satisfied the requirements to be designated as a Traffic Control Supervisor.

Call #: 315-0203  
E-mail: amanda@atssa.com  
www.atssa.com

**LEGEND**

	Sign		Delineation Device w/ Lights
	Vertical Panels		Delineation Device
	Arrow Board		Work Zone
	Sign		Traffic Flow
	Flagger		Signal Traffic Light

**TRAFFIC CONTROL PLAN: #1**

**SHOULDER WORK**

**\*\* ALL DEVICES SHALL CONFORM TO CURRENT M.U.T.C.D. \*\***

**All plans are valid for 90 days. After 90 days have lapsed, all revisions will be charged at full plan price.**

Speed	Taper Length In Feet				CHANNELIZATION DEVICE SPACING			SIGN SPACING	
	Merging	Shifting	Shoulder	Buffer	MPH	TAPER	TANGENT	MPH	"X"
ONE LANE ROAD	100'			100'	25	25	50	25	100'
<b>25 or less</b>	125'	63'	42'	155'	30	30	60	30	100'
30	180'	90'	60'	200'	35	35	70	35	100'
35	245'	123'	82'	250'	40	40	80	40+	350'
40	320'	160'	107'	305'	45	40	90	RURAL	500'
45	400'	200'	140'	360'	50	40	100	EXPRESSWAY/FREEWAY	
50	500'	250'	175'	425'	55	40	110	<b>NOT DRAWN TO SCALE</b>	
55	600'	300'	210'	495'	60	40	120		
60	720'	360'	240'	570'	65	40	130		
65	780'	390'	260'	645'					
70	840'	420'	280'	730'					
75	900'	450'	300'	820'					

**Job Summary:**

**COMPANY:** KP Kauffman Well Services

**CONTACT:** Laura Humphrey

**DRAWN BY:** Amanda Piotrowski

**DATE:** 02-6-2024

**ATSSA #:** 816619

REQUESTED DATES: \_\_\_\_\_

ADDRESS:

23 State Hwy 52, Erie

JOB #:

www.invarion.com

**Manifest**

- 10 x Cone
- 2 x W20-1 Road Work Ahead
- 2 x W21-5 Shoulder Work



**AREA WIDE PROTECTIVE**  
970-356-6881

**ATSSA** AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION  
This is to affirm that Amanda Piotrowski has satisfied the requirements to be designated as a Traffic Control Supervisor  
Call # 816619  
Erie, PA 16502  
www.invarion.com

**LEGEND**

	Sign		Delineation Device w/ Lights
	Vertical Panels		Delineation Device
	Arrow Board		Work Zone
	Sign		Traffic Flow
	Flagger		Signal Traffic Light

**TRAFFIC CONTROL PLAN: #2**

**SHOULDER WORK**

**\*\* ALL DEVICES SHALL CONFORM TO CURRENT M.U.T.C.D. \*\***

**All plans are valid for 90 days. After 90 days have lapsed, all revisions will be charged at full plan price.**

Speed	Taper Length In Feet				CHANNELIZATION DEVICE SPACING			SIGN SPACING	
	Merging	Shifting	Shoulder	Buffer	MPH	TAPER	TANGENT	MPH	"X"
ONE LANE ROAD	100'			100'	25	25	50	25	100'
<b>25 or less</b>	125'	63'	42'	155'					
30	180'	90'	60'	200'	30	30	60	30	100'
35	245'	123'	82'	250'	35	35	70	35	100'
40	320'	160'	107'	305'	40	40	80	40+	350'
45	440'	270'	180'	360'	45	40	90	RURAL	500'
50	600'	300'	200'	425'	50	40	100	1,000'	1,500'
55	660'	330'	220'	495'	50	40	100	EXPRESSWAY/FREEWAY	2,640'
60	720'	360'	240'	570'	55	40	110	<b>NOT DRAWN TO SCALE</b>	
65	780'	390'	260'	645'	60	40	120	<b>NOT DRAWN TO SCALE</b>	
70	840'	420'	280'	730'	65	40	130	<b>NOT DRAWN TO SCALE</b>	
75	900'	450'	300'	820'	65	40	130	<b>NOT DRAWN TO SCALE</b>	

**Job Summary:**

**COMPANY:** KP Kauffman Well Services

**CONTACT:** Laura Humphrey

**DRAWN BY:** Amanda Piotrowski

**DATE:** 02-6-2024

**ATSSA #:** 816619

REQUESTED DATES: \_\_\_\_\_

ADDRESS:

23 State Hwy 52, Erie

JOB #:

www.invarion.com

**Manifest**

- 11 x Cone
- 3 x W20-1 Road Work Ahead
- 2 x W21-5 Shoulder Work



**AWP**  
**AREA WIDE PROTECTIVE**  
**970-356-6881**

**ATSSA**  
 AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION  
This is to affirm that Amanda Piotrowski has satisfied the requirements to be designated as a Traffic Control Supervisor  
 Cert. No. 31150203  
 Expires 02/28/24

**LEGEND**

	Sign		Delineation Device w/ Lights
	Vertical Panels		Delineation Device
	Arrow Board		Work Zone
	Sign		Traffic Flow
	Flagger		Signal Traffic Light

**TRAFFIC CONTROL PLAN: #3**

**SHOULDER WORK**

**\*\* ALL DEVICES SHALL CONFORM TO CURRENT M.U.T.C.D. \*\***

**All plans are valid for 90 days. After 90 days have lapsed, all revisions will be charged at full plan price.**

Speed	Taper Length In Feet				CHANNELIZATION DEVICE SPACING			SIGN SPACING	
	Merging	Shifting	Shoulder	Buffer	MPH	TAPER	TANGENT	MPH	"X"
ONE LANE ROAD	100'				25	25	50	25	100'
<b>25 or less</b>	125'	63'	42'	155'	30	30	60	30	100'
30	180'	90'	60'	200'	35	35	70	35	100'
35	245'	123'	82'	250'	40	40	80	40+	350'
40	320'	160'	107'	305'	45	40	90	RURAL	500'
45	440'	270'	180'	360'	50	40	100	1,000'	1,500'
50	600'	300'	200'	425'	55	40	110	EXPRESSWAY/FREEWAY	2,640'
55	660'	330'	220'	495'	60	40	120	<b>NOT DRAWN TO SCALE</b>	
60	720'	360'	240'	570'	65	40	130		
65	780'	390'	260'	645'					
70	840'	420'	280'	730'					
75	900'	450'	300'	820'					

Job Summary:

COMPANY: KP Kauffman Well Services

CONTACT: Laura Humphrey

DRAWN BY: Amanda Piotrowski

DATE: 02-6-2024

ATSSA #: 816619

