

PROJECT	DESIGNATION
15-3451	N/A
CONTRACT	
N/A	

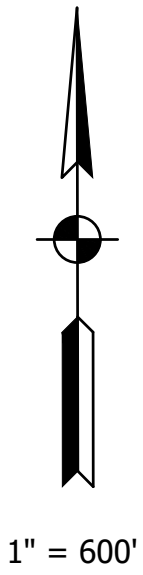
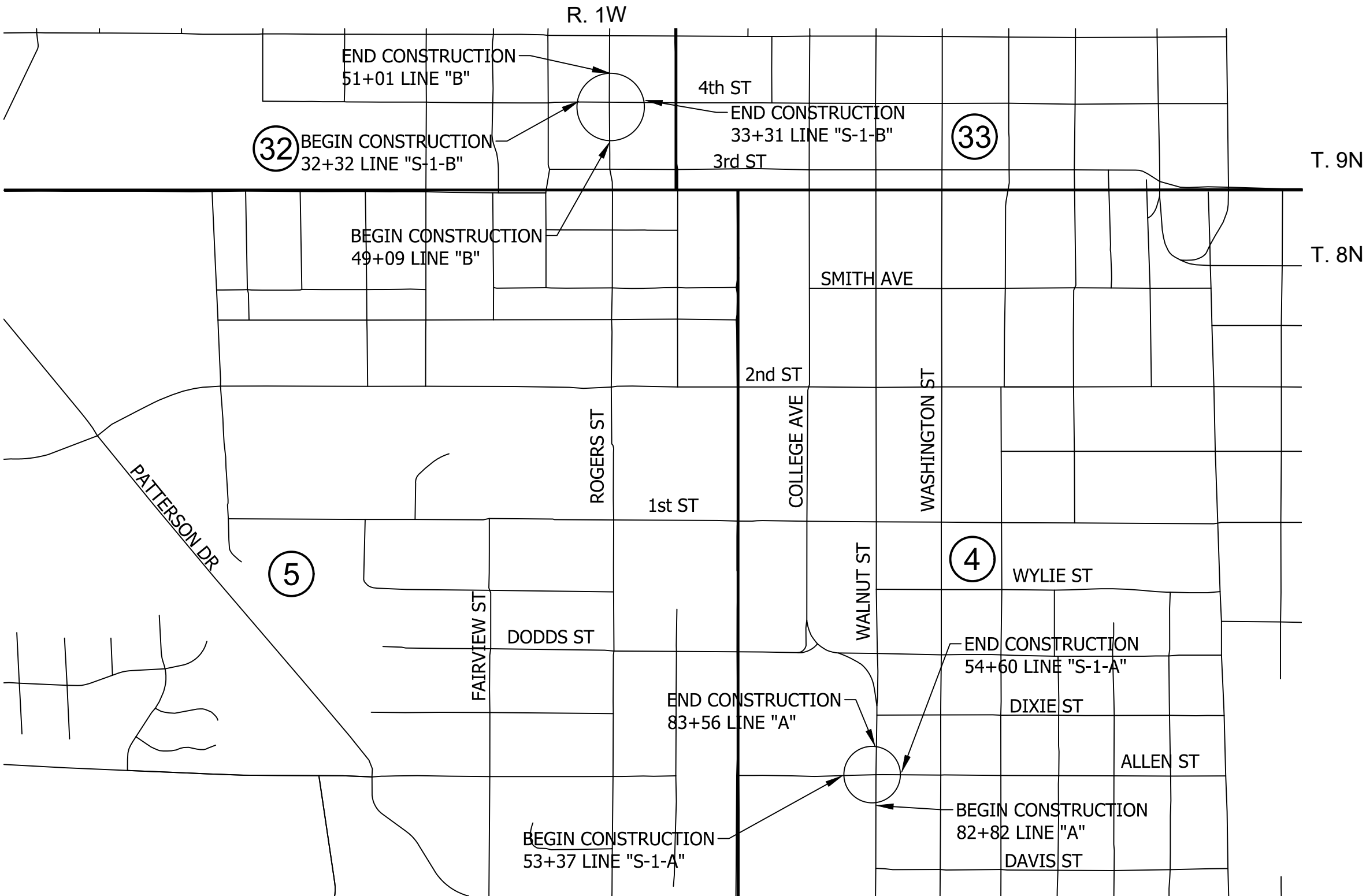
ALLEN STREET AND WALNUT STREET
4TH STREET AND ROGERS STREET
INTERSECTION IMPROVEMENTS
CITY OF BLOOMINGTON, IN

GROSS LENGTH: 488 ft.
NET LENGTH: 488 ft.

SCALES:
HORTZ: 1" = 10'
VERT: 1" = N/A

MAX. GRADE: N/A

LOCATION:
LATITUDE: 39° 09' 52.5" N
LONGITUDE: 86° 32' 19.3" W

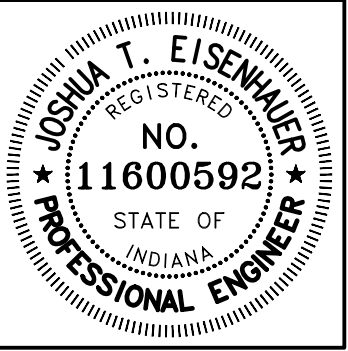


LOCATION MAP
BLOOMINGTON TWP.
PERRY TWP.
MONROE COUNTY

[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2016 TO
BE USED WITH THESE PLANS]

\\projects\shared\2015\15-3451 - Bloomington Intersection Improvements\Design\Drawings\1 TITLE SHEET AND INDEX\DKS\ALF.1 L1\$SCALE - 500
PLOTTED BY: J. Eisenhauer
DATE: Feb 06 2017 - 11:14am

PLANS
PREPARED BY: VS ENGINEERING, INC.
FAX: (317) 293-4737
TEL: (317) 293-3542
PHONE NUMBER
CERTIFIED BY: *Joshua T. Eisenhauer*
JOSHUA T. EISENHAUER, P.E. INDIANA REG. NO. 11600592
DATE: 12/23/2016
APPROVED
FOR LETTING: _____
DATE: _____



DESIGNATION		SHEETS	
N/A		1 of 13	
CONTRACT		PROJECT	
N/A		15-3451	

DIRECTORY....F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DESIGN\DRAWINGS\1 TITLE SHEET AND INDEX\FILE.....3451 INDEX.dwg
DIMSCALE:1 LTSCALE.....20
PLOTTED BY: J.Eisenhauer
DATE.....Feb 06,2017 - 11:14am

UTILITIES

ELECTRIC:
DUKE ENERGY
DAWN McDANIEL
1400 INDIANAPOLIS RD.
GREENCASTLE, IN 46135
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Email: dawn.mcdaniel@duke-energy.com

SANITARY SEWER & WATER
CITY OF BLOOMINGTON
JANE FLEIG
3030 ROOSEVELT AVE
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GAS:
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BLOOMINGTON, IN 47404
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Email: bm1792@att.com

CITY OF BLOOMINGTON
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BLOOMINGTON, IN 47401
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Email: workmand@bloomington.in.gov

SMITHVILLE TELEPHONE
KIMBERLY PITCHER
PH: (812) 340-7076
KIMBERLY.PITCHER@SMITHVILLE.COM

CABLE:
COMCAST CENTRAL
SCOTT TEMPLETON
PH: (812) 822-3262
Email: scott_templeton@cable.comcast.com

OTHER
INDIANA UNIVERSTY
JEFFERY KADEN
PH: (812) 855-7030
Email: jkaden@indiana.edu

CITY OF BLOOMINGTON STREET DEPT
TRAFFIC SIGNS AND PAVEMENT MARKINGS
MIKE STINSON
1981 S HENDERSON STREET
BLOOMINGTON, IN 47401
PH:(812) 349-3450

GENERAL NOTES

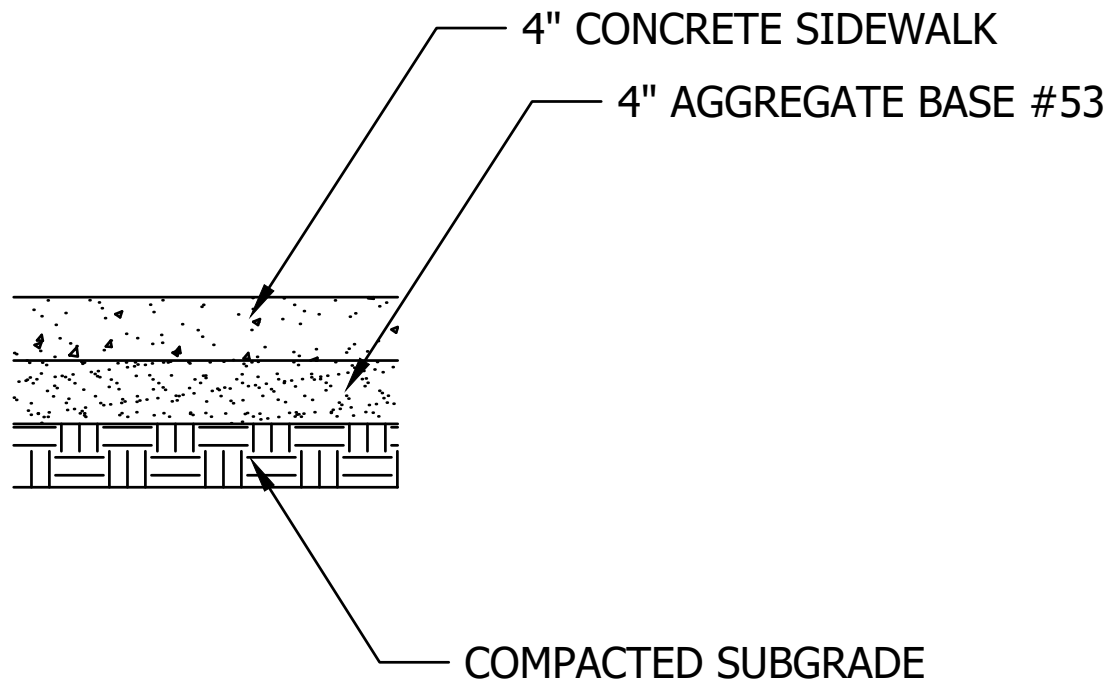
	Contraction Joints shall be placed at all manholes and inlets within pavement limits.
	Contraction Joints shall be placed at the beginning and end of all radii, and at Street and alley intersections.
**	All signs shall be marked for identification. The marking material shall be either Scotchlite, Seibulite, Reflexite, or approved equal. The identifying message shall consist of INDOT and the month and year the sign is installed. The message copy shall consist of white or black lettering(of a minimum of 25 mm in height) on black or white background respectively. The marking for sheet signs shall be placed in the lower corner closest to the center line of the road. The marking for panel signs shall be placed on the bottom panel on the end closest to the center line of the roadway. The marking shall not be covered by the sign's support after installation of the sign.
**	Stop sign shall not be removed until the new one is at the job site and ready to install. Signs shall be visible to motorists at all times.
**	Sheet signs and Square posts shall not be ordered until the exact number of signs and length of each post have been determined upon field investigation.
	Aluminum bar bracing (6.25 mm x 25 mm x length required) will be required on all post mounted sheet signs exceeding 1500 mm in length.
	All panel sign legends shall be demountable type as specified in the special provisions.
	Roadway conventional lightpole and sign structure identification numbers are to be installed 45° from center line facing vehicular traffic and 3.2 meters above the ground line. The numbers and letters are to be 37.5 mm x 62.5 mm black or white on white or black background respectively. The marking material shall be Scotchlite, Seibulite, Reflexite or approved equal.
	Truss structure for sign support shall be aluminum material.

** REPRESENTS GENERAL NOTES REQUIRED

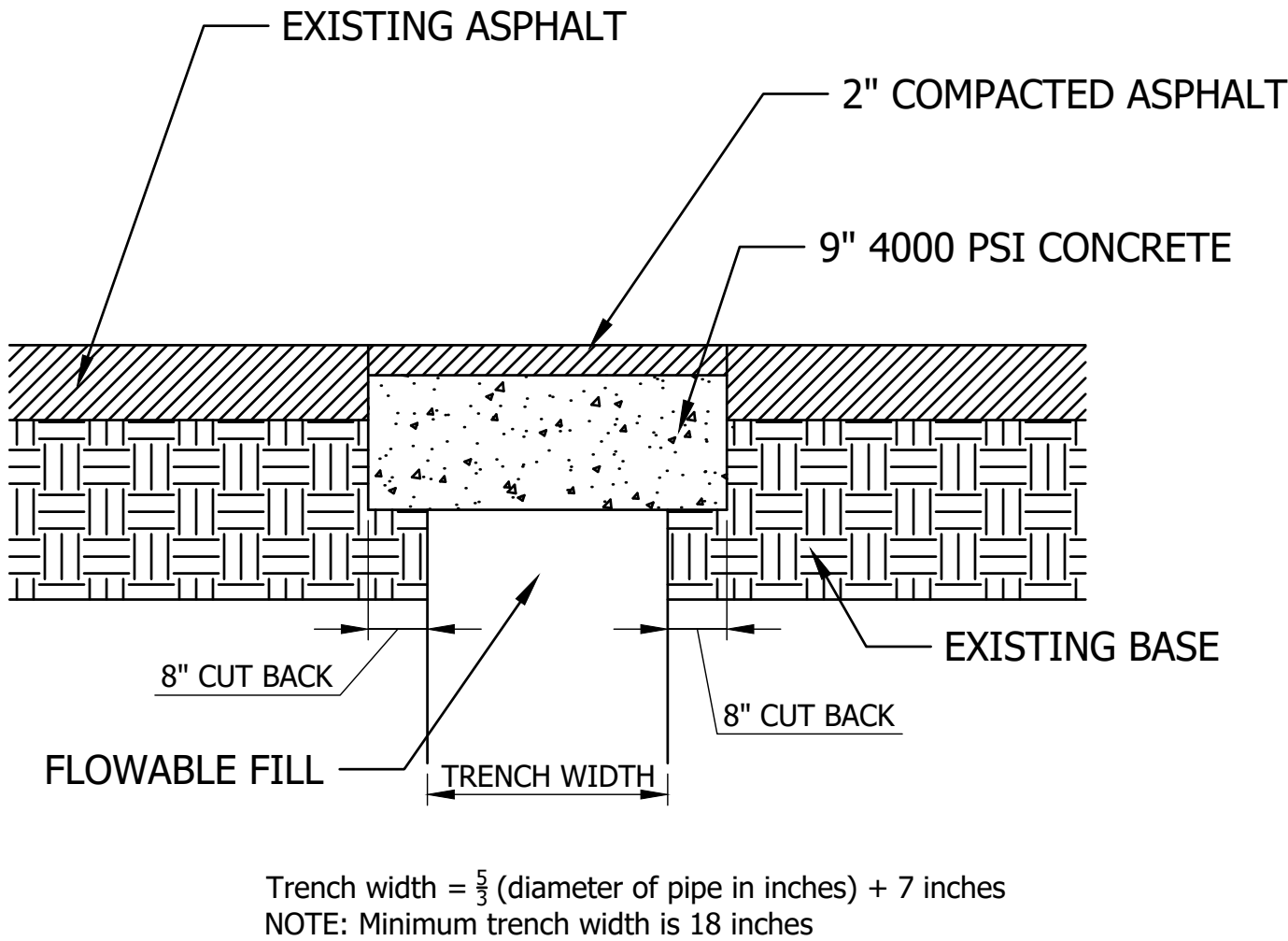
DRAWING INDEX

NUMBER	DESCRIPTION
1	Title Sheet
2	Index And General Notes
3 - 7	Traffic Maintenance
8 - 9	Construction Details
10 - 11	Erosion Control Details
12 - 14	Signal Plan Details
15 - 16	Pavement Markings

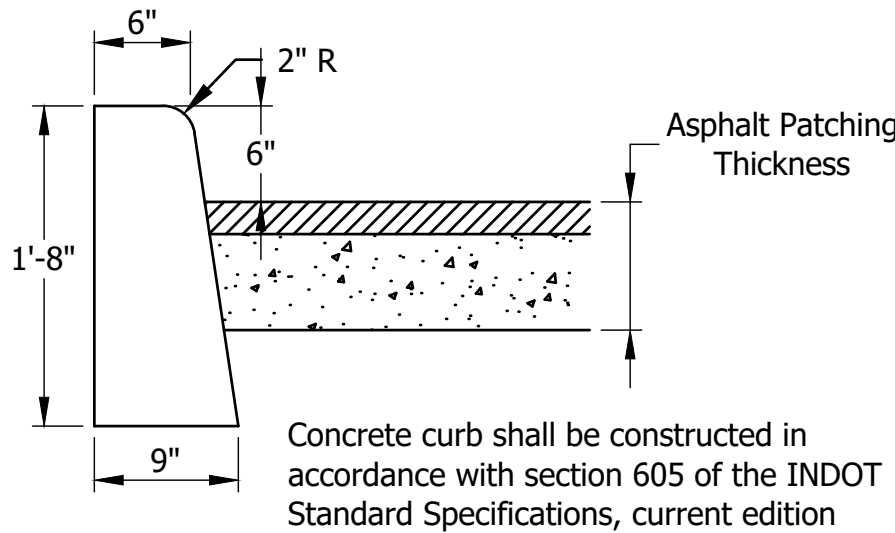
CONSTRUCTION DETAILS



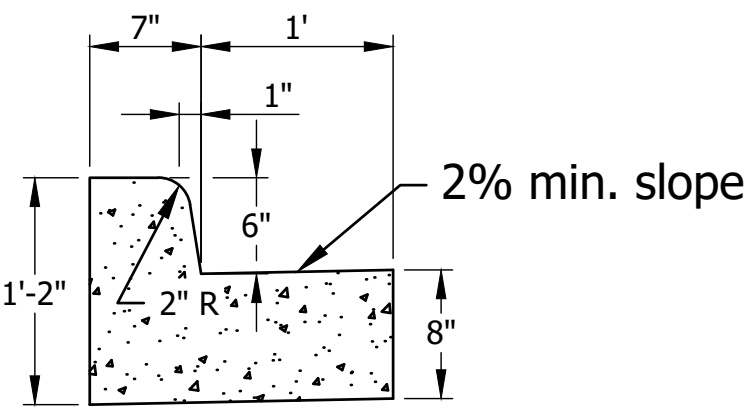
CONCRETE SIDEWALK SECTION



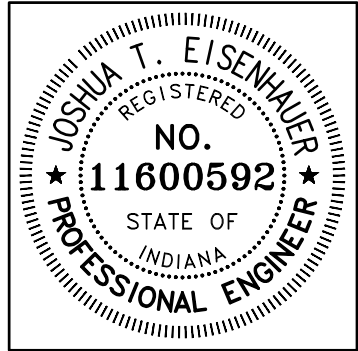
ASPHALT PATCHING SECTION



CONCRETE CURB



CONCRETE CURB AND GUTTER



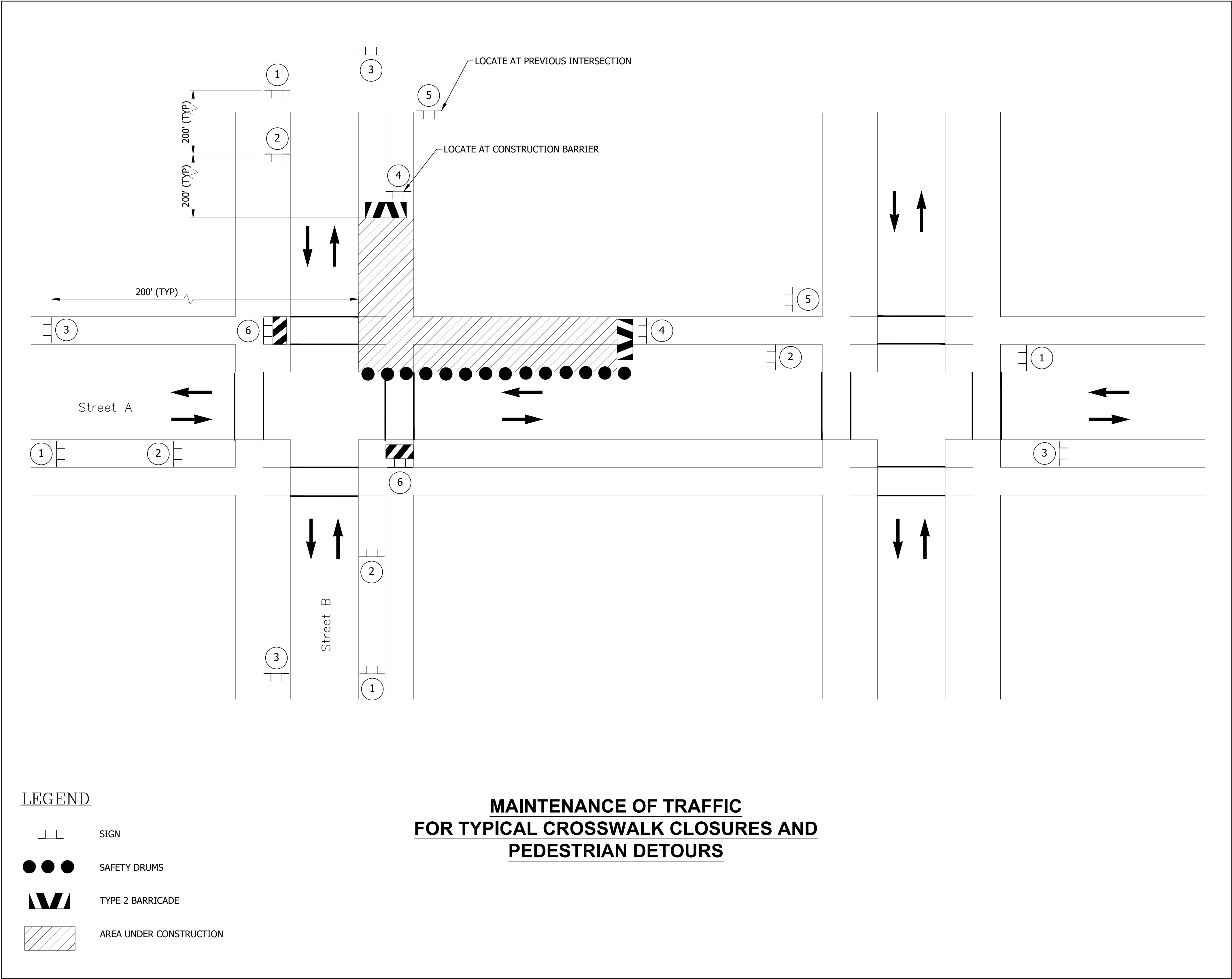
RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED:	JTE	DRAWN:
		BD
CHECKED:	BCP	CHECKED:
		JTE

CITY OF BLOOMINGTON

INDEX GENERAL NOTES AND
CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NA	
VERTICAL SCALE	DESIGNATION
NA	
SURVEY BOOK	SHEETS
	2 of 16
CONTRACT	PROJECT
	15-3451

DIRECTORY:.....F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\4 MOT\
FILE:.....15-3451 MOT.dwg
DIMSCALE:..1 LTSCALE:....20
PLOTTED BY:..J.Eisenhauer
DATE:.....Feb 06, 2017 - 11:15am



LEGEND

- SIGN
- SAFETY DRUMS
- TYPE 2 BARRICADE
- AREA UNDER CONSTRUCTION

MAINTENANCE OF TRAFFIC
FOR TYPICAL CROSSWALK CLOSURES AND
PEDESTRIAN DETOURS

XW20-1
(48"x48")
ROAD
CONSTRUCTION
AHEAD
1

XG20-7
(78"x42")
SPEEDING
MAX \$1000
RECKLESS DRIVING
MAX 8 YRS
2

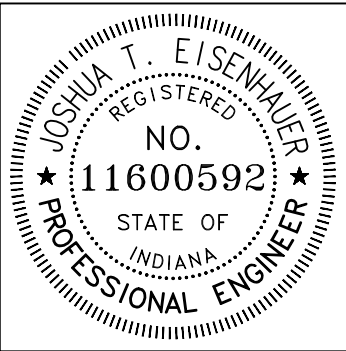
XG20-2
(60"x24")
END
CONSTRUCTION
3

R9-9
(24"x12")
SIDEWALK
CLOSED
4

R9-11(R or L)
(24"x12")
SIDEWALK CLOSED AHEAD
CROSS HERE
5

R9-10 (R or L)
(24"x12")
SIDEWALK CLOSED
USE OTHER SIDE
6

SIGN LEGEND		
SYMBOL	MESSAGE	NUMBER
1	ROAD CONSTRUCTION AHEAD	XW20-1
2	PENALTY SIGN	XG20-7
3	END CONSTRUCTION	XG20-2
4	SIDEWALK CLOSED	R9-9
5	SIDEWALK CLOSED AHEAD-CROSS HERE (RIGHT or LEFT)	R9-11(R or L)
6	SIDEWALK CLOSED-USE OTHER SIDE (RIGHT or LEFT)	R9-10(R or L)

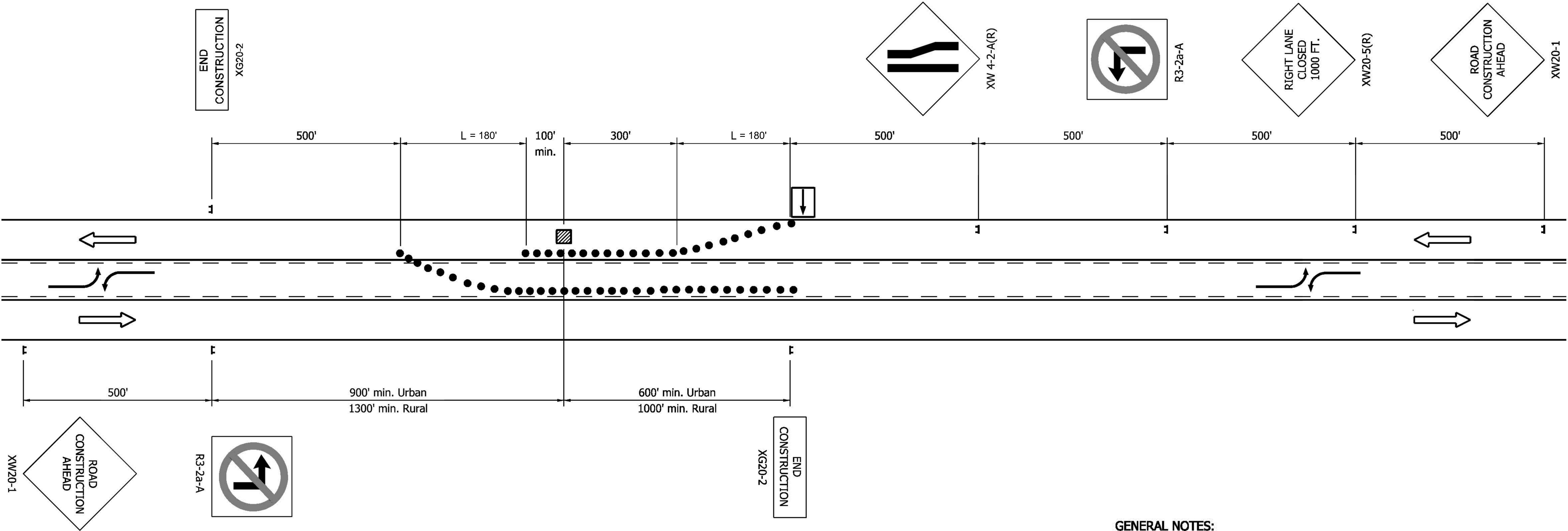


RECOMMENDED FOR APPROVAL		12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: BD	
CHECKED: BCP	CHECKED: JTE	

CITY OF BLOOMINGTON
MAINTENANCE OF TRAFFIC DETAILS

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SHEETS
	3 of 16
CONTRACT	PROJECT
	15-3451

DIRECTORY.....F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\4 MOT\
FILE.....15-3451 MOT.dwg
DIMSCALE.1 LTSCALE.....20
PLOTTED BY..J.Eisenhauer
DATE.....Feb 06, 2017 - 11:15am



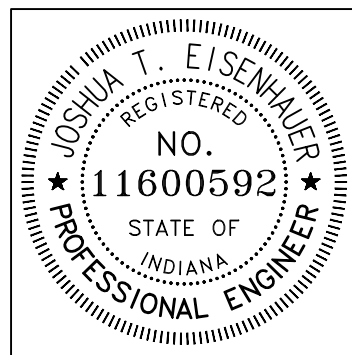
LEGEND

- Flagger
- Work area
- Flashing arrow sign
- Channelizing device
- Police car (optional)
- Construction sign and supports
- W = Width of offset
- Temporary Pavement Marking
- Removal of pavement markings and prismatic reflectors
- Typical Sign Standard (Road Closure Sign Assembly)
- Type III-A or Type III-B Barricades as required
- Double Headed Flashing Arrow Sign
- Direction of Traffic
- Low intensity construction warning light, Type A

NOTE: USE THIS STANDARD DETAIL FOR MAINTENANCE OF TRAFFIC ON ROGERS STREET.

GENERAL NOTES:

- Distances shown are typical except minimum distances may be varied based on field conditions.
- The spacing of channelizing devices shall be 100 ft where the posted speed limit is 50 m.p.h. or greater.
- The spacing of channelizing devices shall be 50 ft where the posted speed limit is less than or equal to 45 m.p.h.
- The spacing of channelizing devices on tapers shall be numerically equal in feet to the posted speed limit in m.p.h.
- The flashing arrow sign shall not be placed on a sidewalk. The flashing arrow sign shall be placed at a distance of L/3 from the beginning of the taper, where L is the merge taper, see Sheet 11.
- For temporary lane closures during daylight hours, cones or tubular markers may be used in lieu of drums.
- Temporary pavement markings shall not be required for temporary daylight lane closures.
- Temporary highway illumination, when specified, shall be as detailed on the plans.



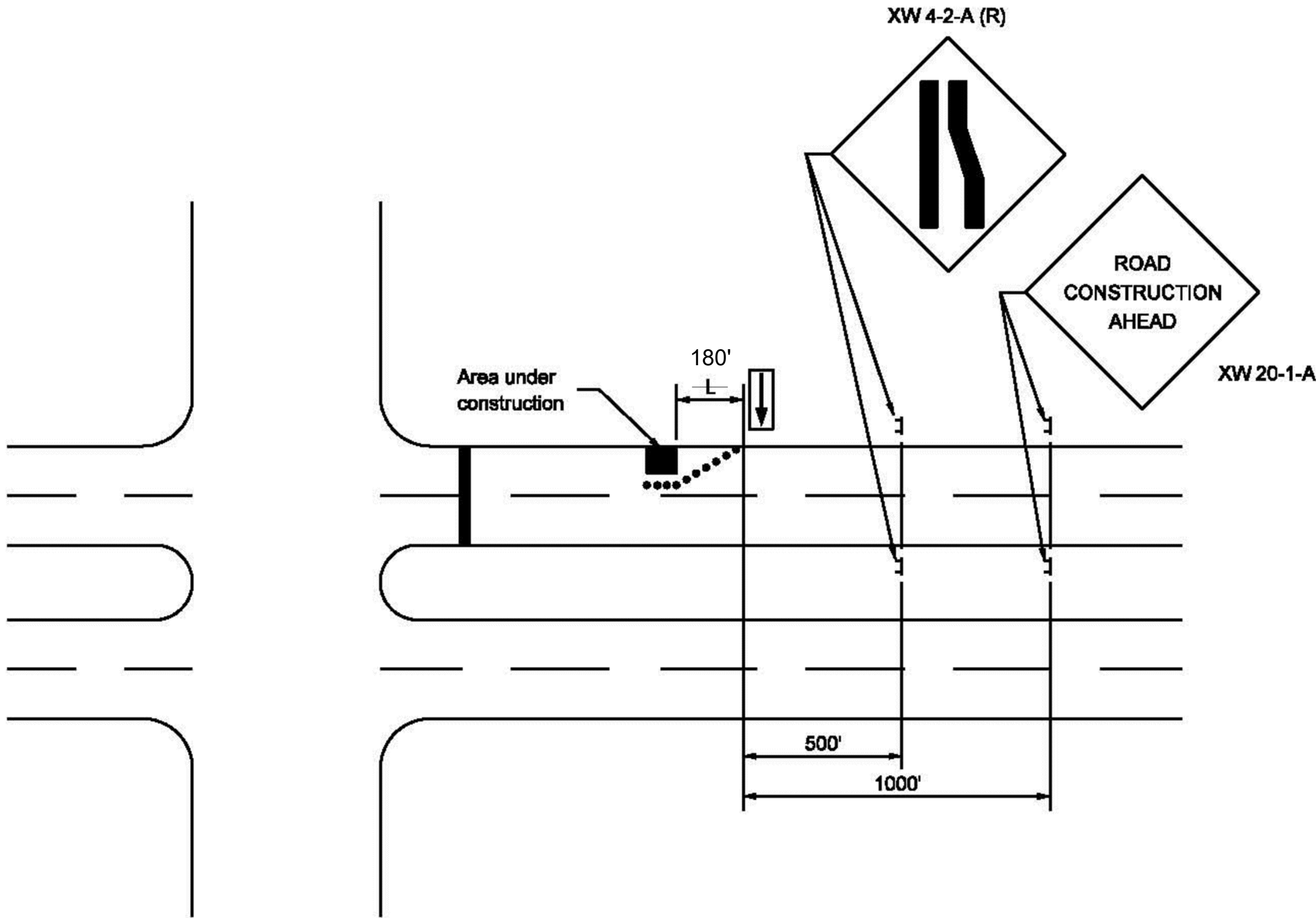
RECOMMENDED FOR APPROVAL: Joshua T. Eisenhauer, DESIGN ENGINEER, 12/23/2016, DATE

DESIGNED: JTE, DRAWN: BD, CHECKED: BCP, CHECKED: JTE

CITY OF BLOOMINGTON	
MAINTENANCE OF TRAFFIC DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
1"=150'	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
	15-3451

DIRECTORY.....F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\4 MOT\
FILE.....15-3451 MOT.dwg
DIMSCALE...1 LTSCALE....20
PLOTTED BY...J.Eisenhauer
DATE.....Feb 06,2017 - 11:15am



NOTE: USE THIS STANDARD DETAIL FOR MAINTENANCE OF TRAFFIC ON WALNUT STREET.

GENERAL NOTES:

- Distances shown are typical except minimum distances may be varied based on field conditions.
- The spacing of channelizing devices shall be 100 ft where the posted speed limit is 50 m.p.h. or greater.
- The spacing of channelizing devices shall be 50 ft where the posted speed limit is less than or equal to 45 m.p.h.
- The spacing of channelizing devices on tapers shall be numerically equal in feet to the posted speed limit in m.p.h.
- The flashing arrow sign shall not be placed on a sidewalk. The flashing arrow sign shall be placed at a distance of L/3 from the beginning of the taper, where L is the merge taper, see Sheet 11.
- For temporary lane closures during daylight hours, cones or tubular markers may be used in lieu of drums.
- Temporary pavement markings shall not be required for temporary daylight lane closures.
- Temporary highway illumination, when specified, shall be as detailed on the plans.

LEGEND

- Flagger

Work area

Flashing arrow sign

Channelizing device

Police car (optional)

Construction sign and supports

W = Width of offset
- Temporary Pavement Marking

Removal of pavement markings and prismatic reflectors

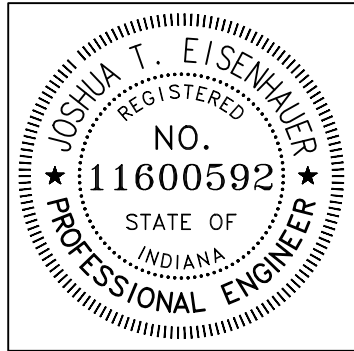
Typical Sign Standard (Road Closure Sign Assembly)

Type III-A or Type III-B Barricades as required

Double Headed Flashing Arrow Sign

Direction of Traffic

Low intensity construction warning light, Type A

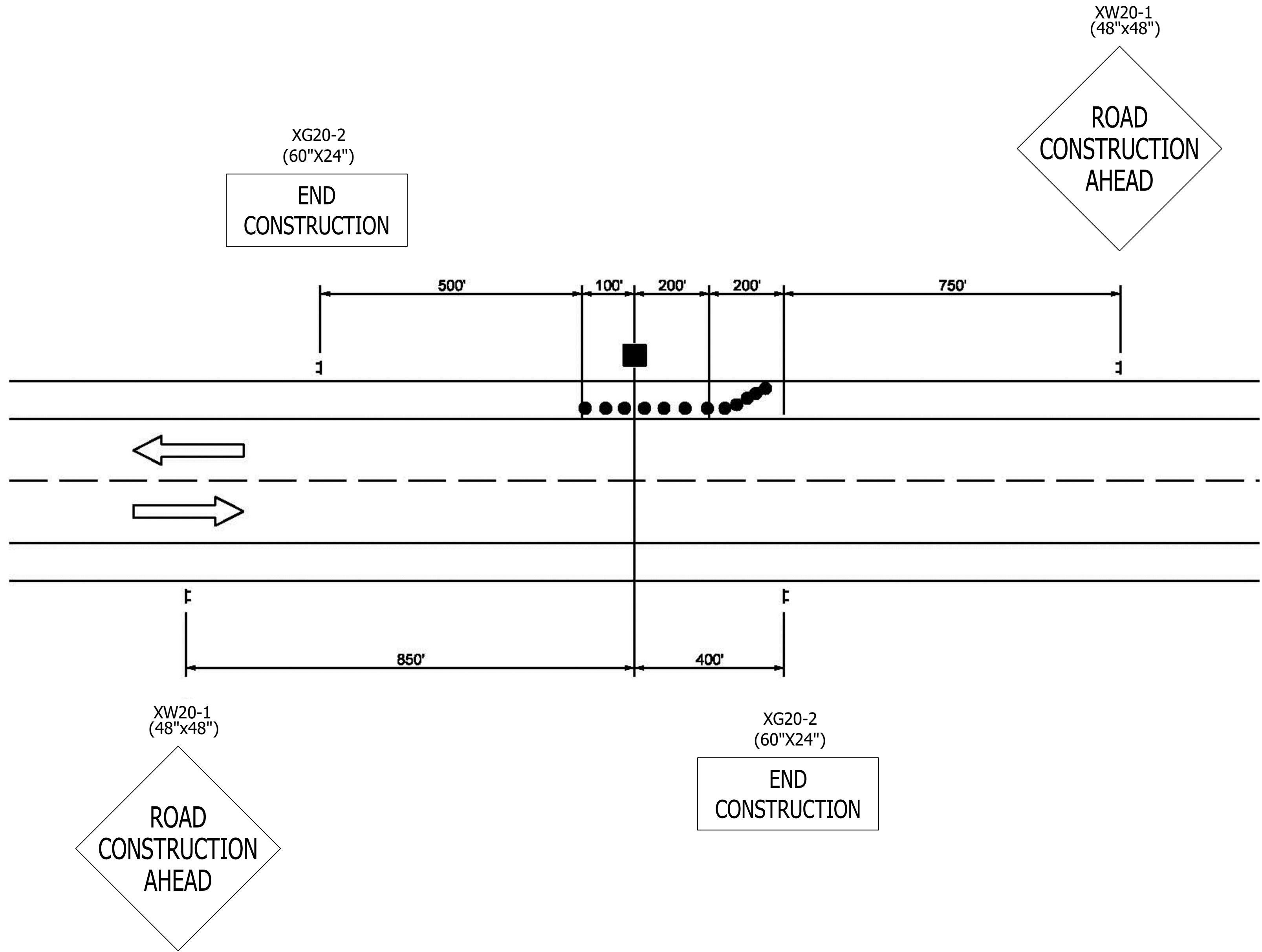


RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED:	JTE	DRAWN: BD
CHECKED:	BCP	CHECKED: JTE

CITY OF BLOOMINGTON
MAINTENANCE OF TRAFFIC DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=150'	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
	15-3451

DIRECTORY:F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\4 MOT\
FILE:15-3451 MOT.dwg
DIMSCALE: 1/4"=1'-0"
PLOTTED BY: J. Eisenhauer
DATE:Feb 06, 2017 - 11:15am



NOTE: USE THIS STANDARD DETAIL FOR MAINTENANCE OF TRAFFIC ON 4TH STREET AND WEST LEG OF ALLEN STREET.

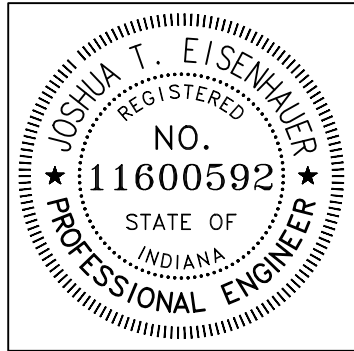
NOTE: MAINTAIN MINIMUM 10' LANES IN EACH DIRECTION.

GENERAL NOTES:

- Distances shown are typical except minimum distances may be varied based on field conditions.
- The spacing of channelizing devices shall be 100 ft where the posted speed limit is 50 m.p.h. or greater.
- The spacing of channelizing devices shall be 50 ft where the posted speed limit is less than or equal to 45 m.p.h.
- The spacing of channelizing devices on tapers shall be numerically equal in feet to the posted speed limit in m.p.h.
- The flashing arrow sign shall not be placed on a sidewalk. The flashing arrow sign shall be placed at a distance of L/3 from the beginning of the taper, where L is the merge taper, see Sheet 11.
- For temporary lane closures during daylight hours, cones or tubular markers may be used in lieu of drums.
- Temporary pavement markings shall not be required for temporary daylight lane closures.
- Temporary highway illumination, when specified, shall be as detailed on the plans.

LEGEND

- | | | | |
|--|--------------------------------|--|---|
| | Flagger | | Temporary Pavement Marking |
| | Work area | | Removal of pavement markings and prismatic reflectors |
| | Flashing arrow sign | | Typical Sign Standard (Road Closure Sign Assembly) |
| | Channelizing device | | Type III-A or Type III-B Barricades as required |
| | Police car (optional) | | Double Headed Flashing Arrow Sign |
| | Construction sign and supports | | Direction of Traffic |
| | W = Width of offset | | Low intensity construction warning light, Type A |



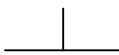
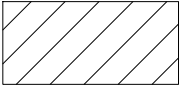
RECOMMENDED FOR APPROVAL		12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED:	JTE	DRAWN:
		BD
CHECKED:	BCP	CHECKED:
		JTE

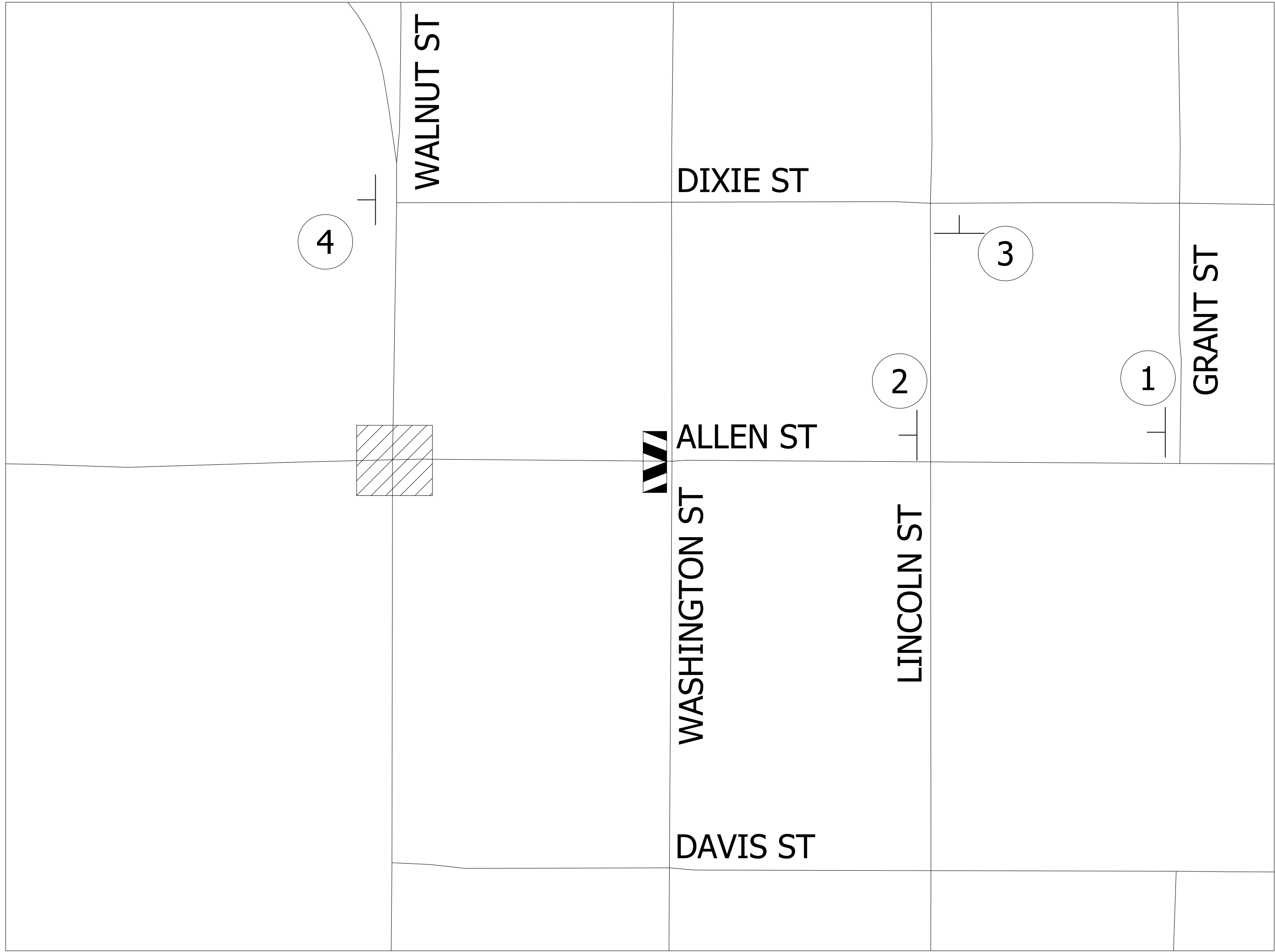
CITY OF BLOOMINGTON
MAINTENANCE OF TRAFFIC DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=150'	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
	15-3451

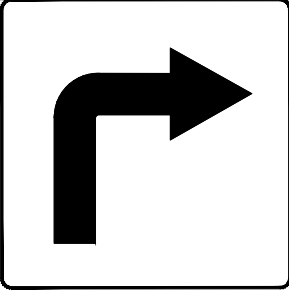
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FILE.....15-3451 MOT.dwg
DIMSCALE...1 LTSCALE...20
PLOTTED BY...J.Eisenhauer
DATE.....Feb 06,2017 - 11:15am

LEGEND

-  SIGN
-  TYPE 3 BARRICADE
-  AREA UNDER CONSTRUCTION

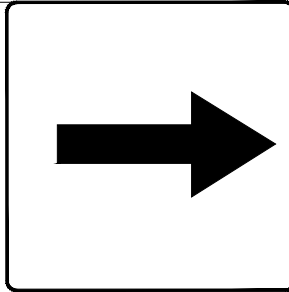


DETOUR
ALLEN ST.



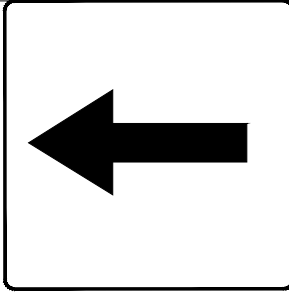
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DETOUR
ALLEN ST.



2

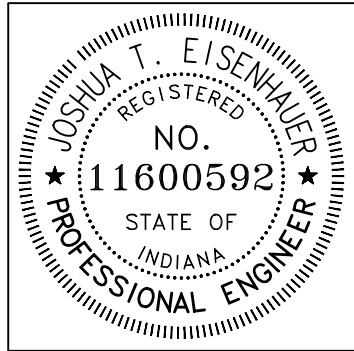
DETOUR
ALLEN ST.



3

END
DETOUR
ALLEN ST.

4

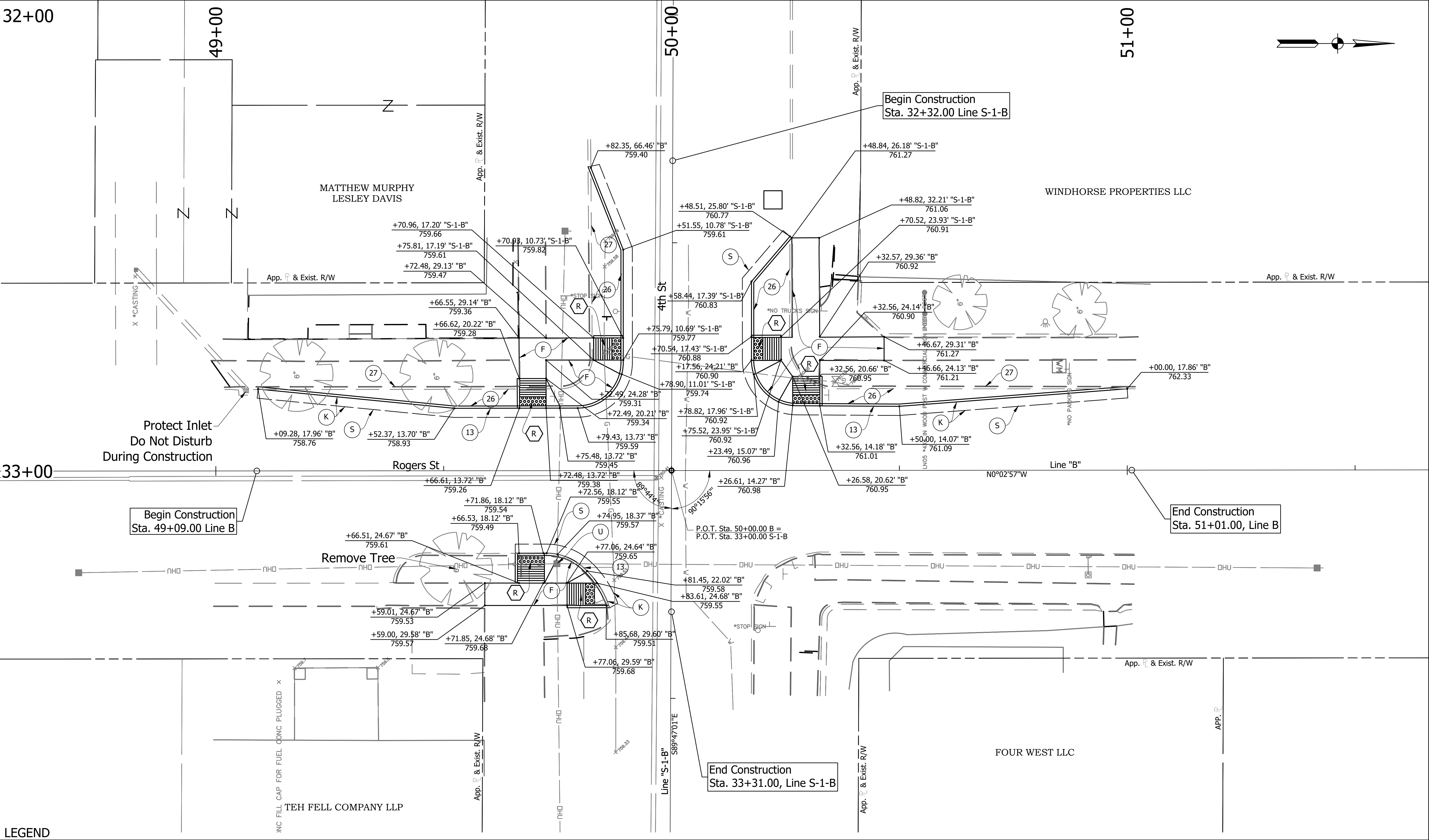


RECOMMENDED FOR APPROVAL		12/23/2016 DATE
DESIGNED:	JTE	DRAWN: BD
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CITY OF BLOOMINGTON
MAINTENANCE OF TRAFFIC DETAILS

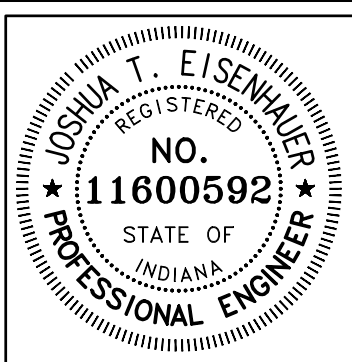
HORIZONTAL SCALE 1"=150'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION
SURVEY BOOK	SHEETS 7 of 16
CONTRACT	PROJECT 15-3451

DIRECTORY.....F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\7 CONST DET1
FILE.....15-3451 Construction Details1.dwg
DIMSCALE.....1 LTSCALE.....1
PLOTTED BY.....J.Eisenhauer
DATE.....Feb 06, 2017 - 11:18am



LEGEND

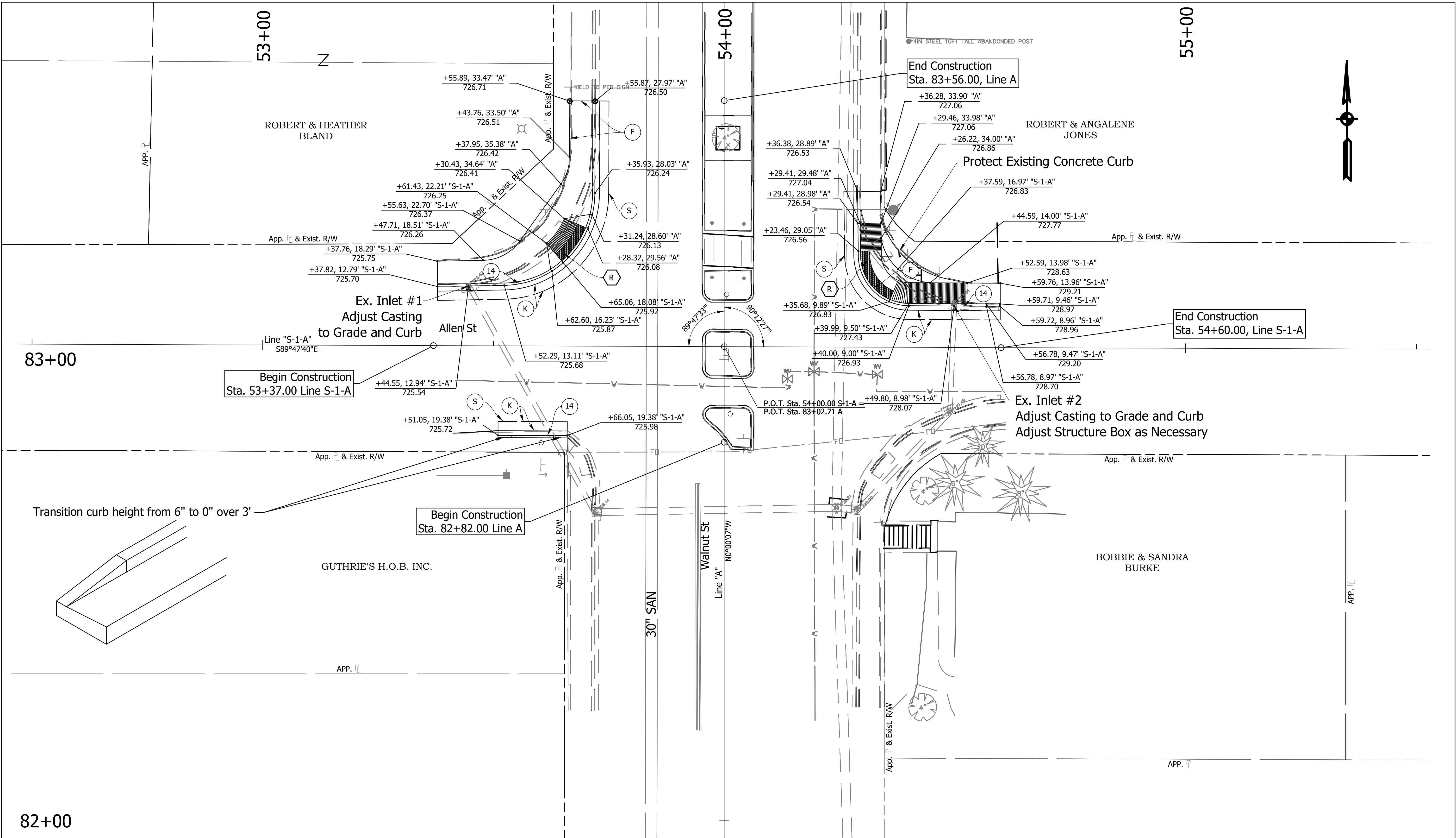
- | | |
|----------------------------------|-------------------------------------|
| (13) CONCRETE CURB | (14) CONCRETE CURB & GUTTER |
| (26) FULL DEPTH PAVEMENT REMOVAL | (27) CONCRETE CURB & GUTTER REMOVAL |
| (F) SIDEWALK, 4" CONCRETE | (S) SAWCUT |
| (K) ASPHALT PATCH (SEE DETAIL) | (U) UTILITY RELOCATION (BY OTHERS) |
| (R) CURB RAMP | |



RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: BD	
CHECKED: BCP	CHECKED: JTE	

CITY OF BLOOMINGTON		HORIZONTAL SCALE 1"=10'	BRIDGE FILE
		VERTICAL SCALE N/A	DESIGNATION
CONSTRUCTION DETAIL 4TH STREET AND ROGERS STREET		SURVEY BOOK	SHEETS
		CONTRACT	8 of 16
			PROJECT 15-3451

DIRECTORY...F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\7 CONST DET\
FILE.....15-3451 Construction Details1.dwg
DIMSACLE:..1 LTSCALE:....1
PLOTTED BY:..Jensenhauer
DATE:.....Feb 06,2017 - 11:18am



82+00

83+00

53+00

54+00

55+00

Legend

13 CONCRETE CURB

26 FULL DEPTH PAVEMENT REMOVAL

F SIDEWALK, 4" CONCRETE

K ASPHALT PATCH (SEE DETAIL)

R CURB RAMP

14 CONCRETE CURB & GUTTER

27 CONCRETE CURB & GUTTER REMOVAL

S SAWCUT

U UTILITY RELOCATION (BY OTHERS)

USHUA T. EISENHAEUER

REGISTERED

NO.

11600592

STATE OF

INDIANA

PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL

Joshua T. Eisenhauer

DESIGN ENGINEER

12/23/2016

DATE

DESIGNED: JTE

CHECKED: BCP

DRAWN: BD

CHECKED: JTE

CITY OF BLOOMINGTON

CONSTRUCTION DETAIL

ALLEN STREET AND WALNUT STREET

HORIZONTAL SCALE

1"=10'

VERTICAL SCALE

N/A

SURVEY BOOK

9

of

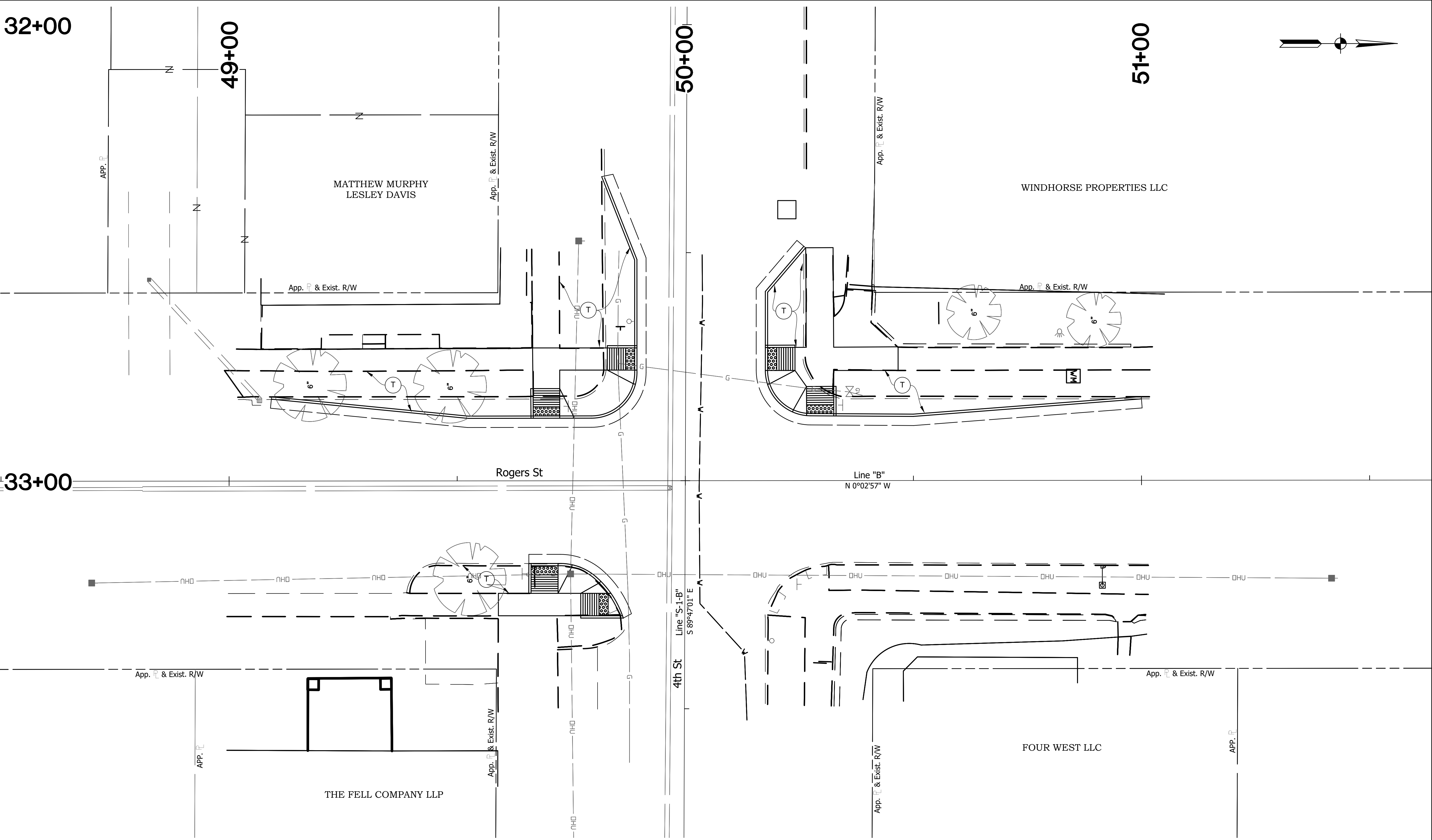
16

SHEETS

PROJECT

15-3451

DIRECTORY.....F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DRAWINGS\8 EROSION CONTROL\1
FILE.....15-3451 Erosion Control Plans.dwg
DIMSCALE...10 LTSCALE....1
PLOTTED BY...J.Eisenhauer
DATE.....Feb 06,2017 - 11:20am



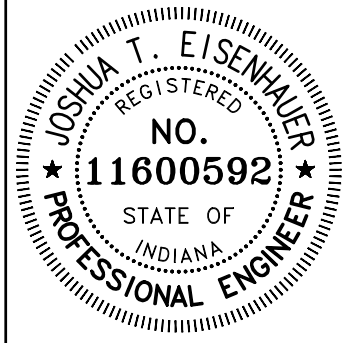
EROSION CONTROL LEGEND

- (T)

PERMANENT SODDING
- (10)

TEMPORARY CURB INLET PROTECTION
- (11)

TEMPORARY DITCH INLET PROTECTION
- INLET PROTECTION
- TEMPORARY SILT FENCE

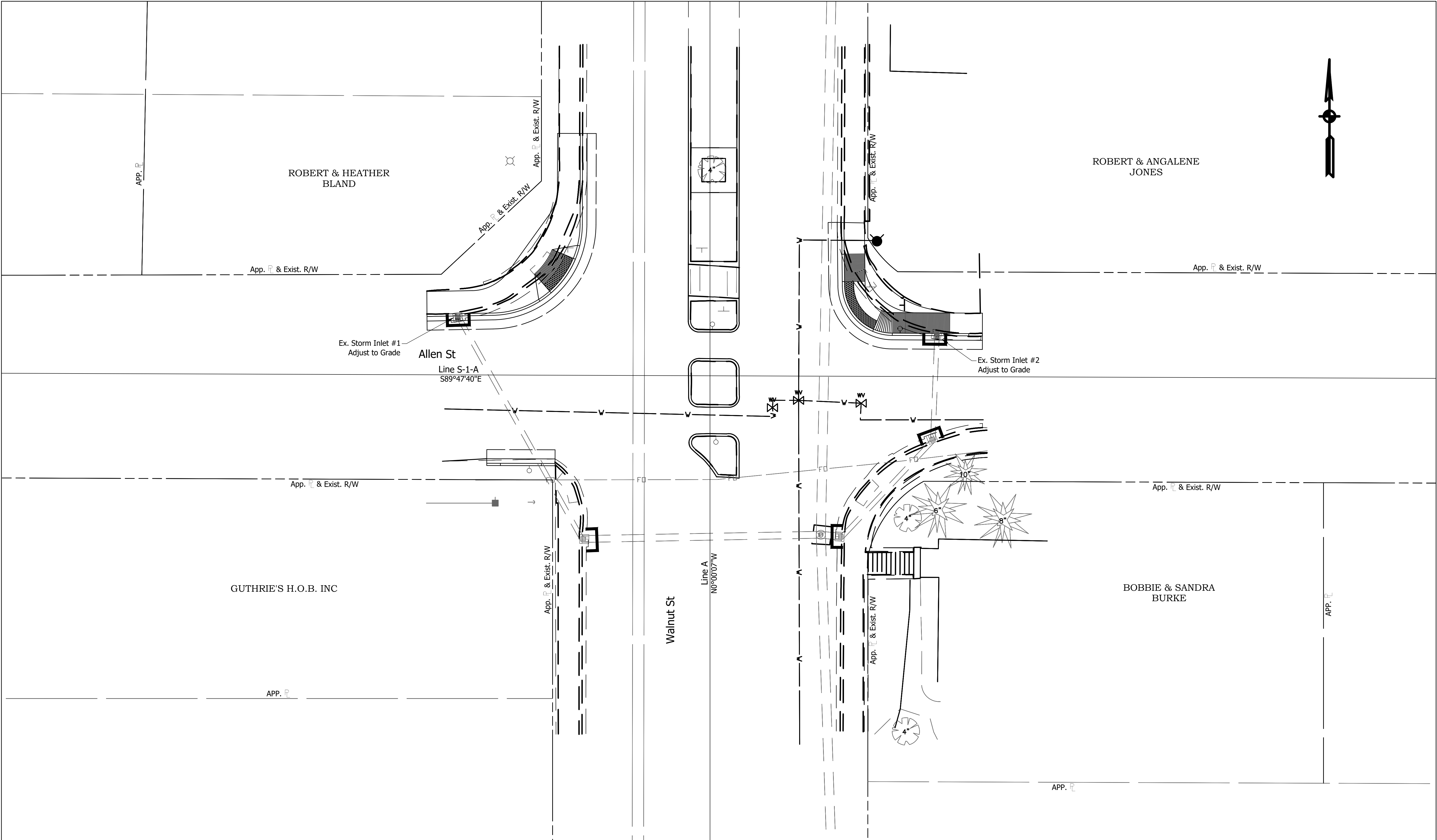


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:		DRAWN:			
CHECKED:		CHECKED:			

CITY OF BLOOMINGTON	
EROSION CONTROL 4TH STREET AND ROGERS STREET	

HORIZONTAL SCALE	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION	
SURVEY BOOK	SHEETS	
CONTRACT	PROJECT	

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DIMSCALE:10 LTSCALE:....1
PLOTTED BY:..J Eisenhauer
DATE:.....Feb 06,2017 - 11:20am



EROSION CONTROL LEGEND

- T

10

11

PERMANENT SODDING

TEMPORARY CURB INLET PROTECTION

TEMPORARY DITCH INLET PROTECTION

+++

INLET PROTECTION

TEMPORARY SILT FENCE
-
- | | | | |
|--------------------------|-----|------------|-----|
| RECOMMENDED FOR APPROVAL | | 12/23/2016 | |
| DESIGN ENGINEER | | DATE | |
| DESIGNED: | JTE | DRAWN: | BD |
| CHECKED: | BCP | CHECKED: | JTE |
- | | |
|---|--|
| CITY OF BLOOMINGTON | |
| EROSION CONTROL
ALLEN STREET AND WALNUT STREET | |
- | | | |
|------------------|-------------|-------|
| HORIZONTAL SCALE | BRIDGE FILE | |
| VERTICAL SCALE | DESIGNATION | |
| SURVEY BOOK | SHEETS | |
| | 11 | of 16 |
| CONTRACT | PROJECT | |
| | 15-3451 | |

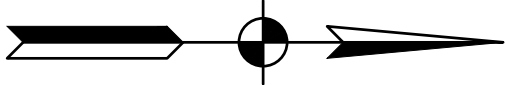
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DATE.....Feb 06,2017 - 11:22am

32+00

49+00

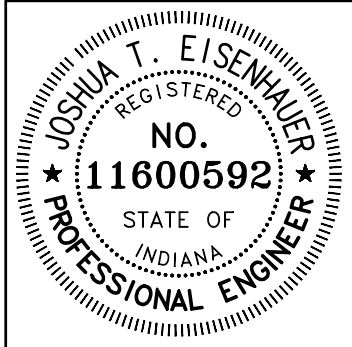
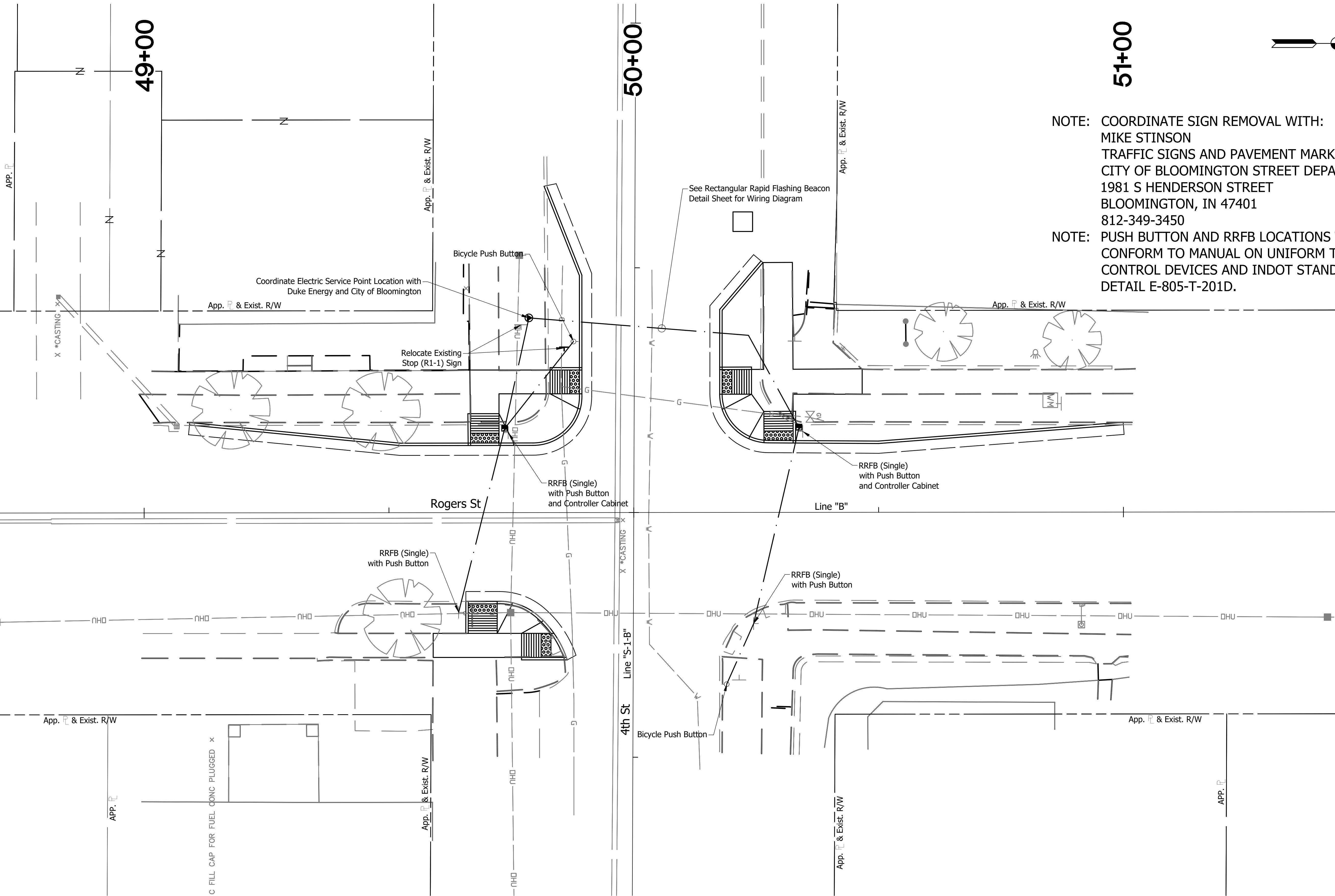
50+00

51+00



NOTE: COORDINATE SIGN REMOVAL WITH:
MIKE STINSON
TRAFFIC SIGNS AND PAVEMENT MARKINGS
CITY OF BLOOMINGTON STREET DEPARTMENT
1981 S HENDERSON STREET
BLOOMINGTON, IN 47401
812-349-3450
NOTE: PUSH BUTTON AND RRFB LOCATIONS TO
CONFORM TO MANUAL ON UNIFORM TRAFFIC
CONTROL DEVICES AND INDOT STANDARD
DETAIL E-805-T-201D.

33+00



RECOMMENDED FOR APPROVAL		12/23/2016	
<i>Joshua T. Eisenhauer</i>		DATE	
DESIGNED: JTE		DRAWN: BD	
CHECKED: BCP		CHECKED: JTE	

CITY OF BLOOMINGTON	
SIGNAL PLANS	
4TH STREET AND ROGERS STREET	

HORIZONTAL SCALE	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION	
SURVEY BOOK	SHEETS	
CONTRACT	12	16
PROJECT		
15-3451		

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PLOTTED BY: J.Eisenhauer
DATE:.....Feb 06,2017 - 11:23am

83+00

82+00

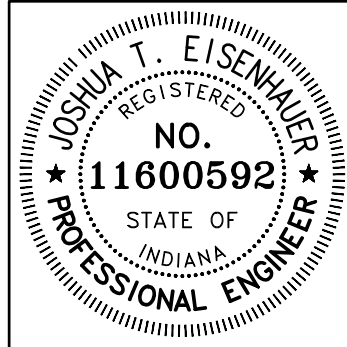
53+00

54+00

55+00

NOTE: COORDINATE SIGN REMOVAL WITH:
MIKE STINSON
TRAFFIC SIGNS AND PAVEMENT MARKINGS
CITY OF BLOOMINGTON STREET DEPARTMENT
1981 S HENDERSON STREET
BLOOMINGTON, IN 47401
812-349-3450

NOTE: PUSH BUTTON AND RRFB LOCATIONS TO
CONFORM TO MANUAL ON UNIFORM TRAFFIC
CONTROL DEVICES AND INDOT STANDARD
DETAIL E-805-T-201D.

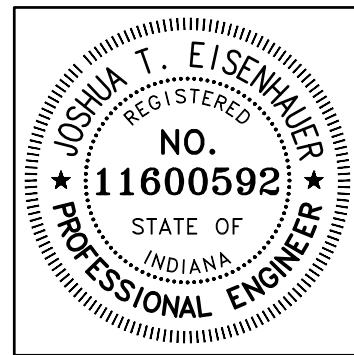
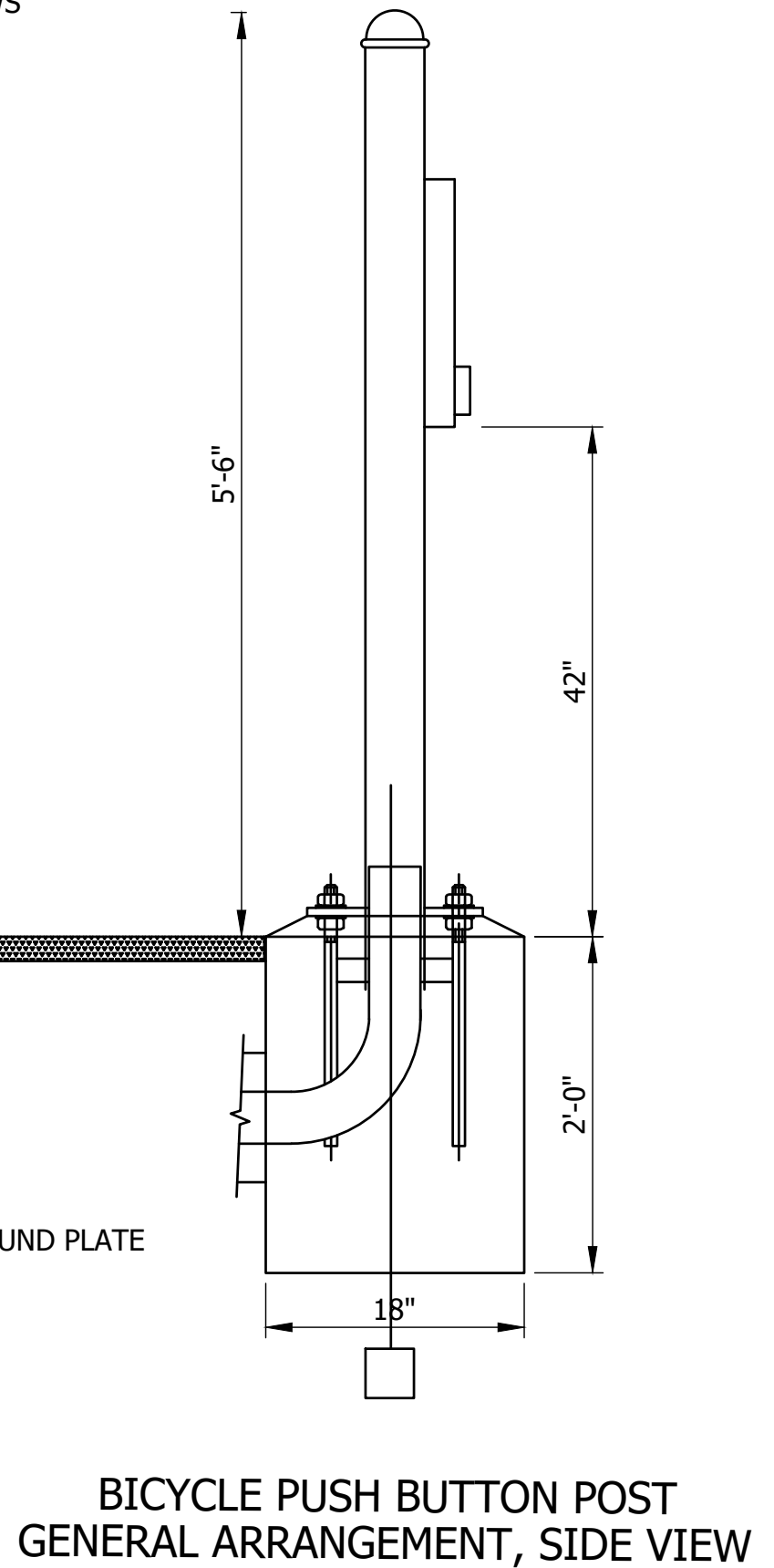
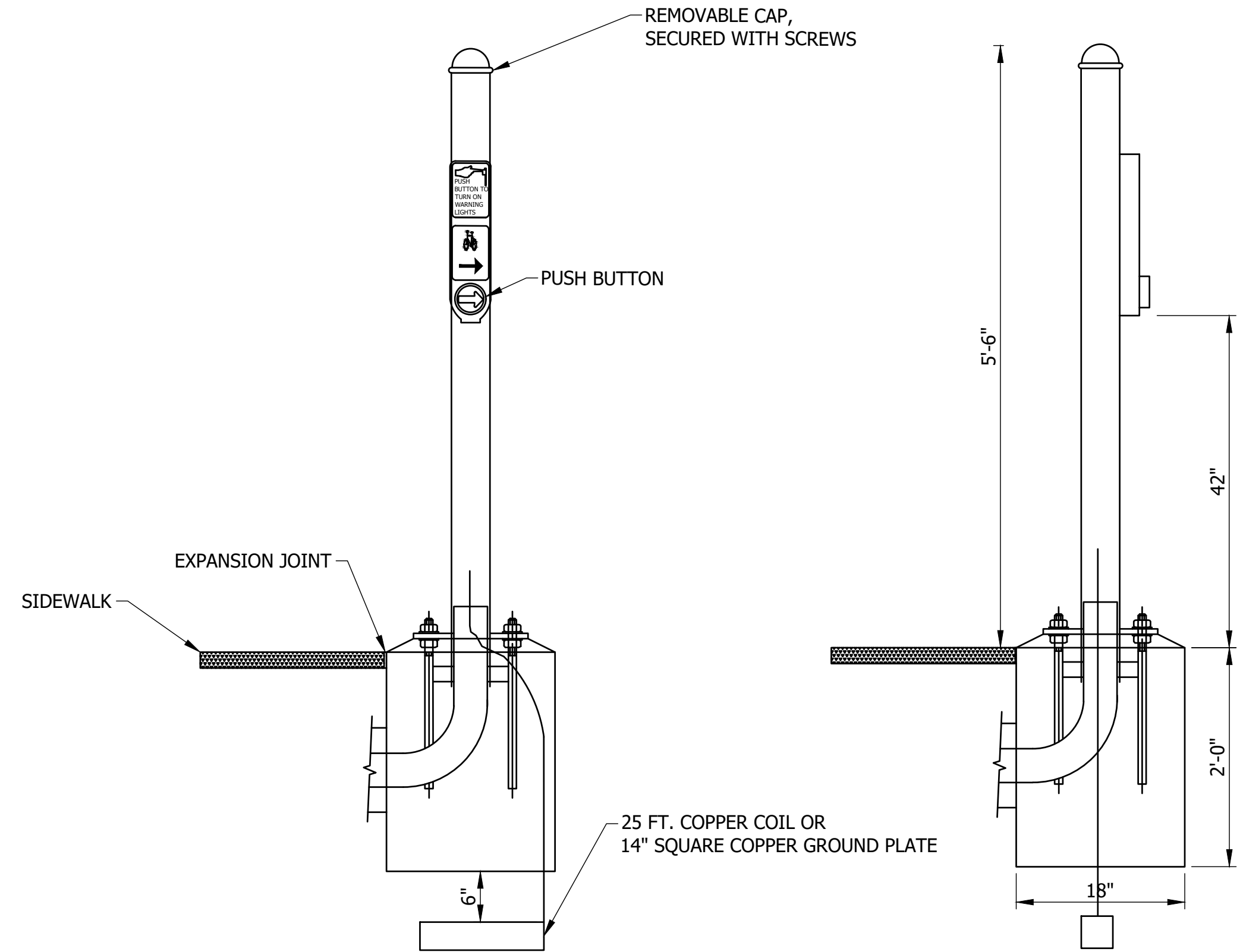
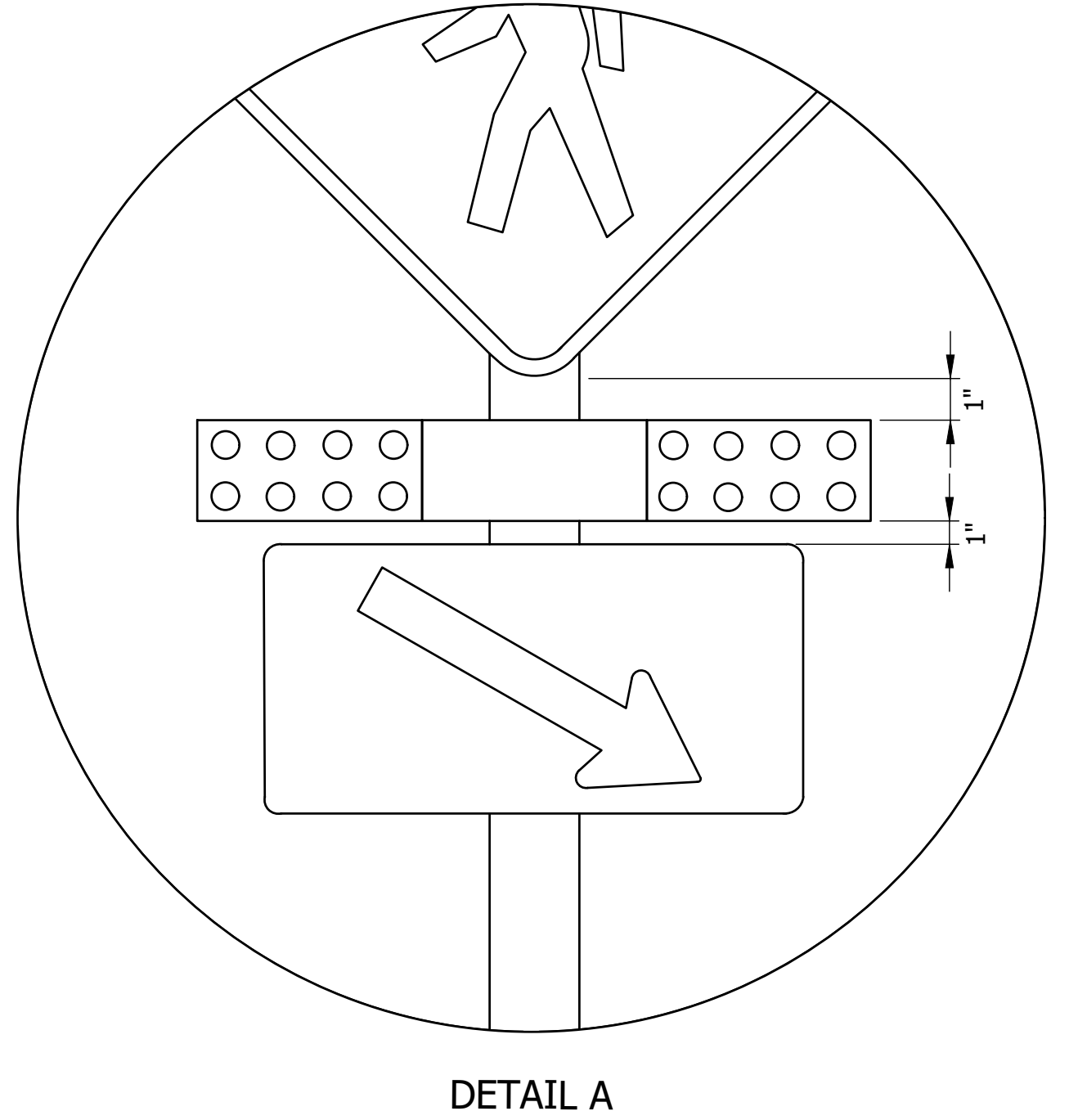
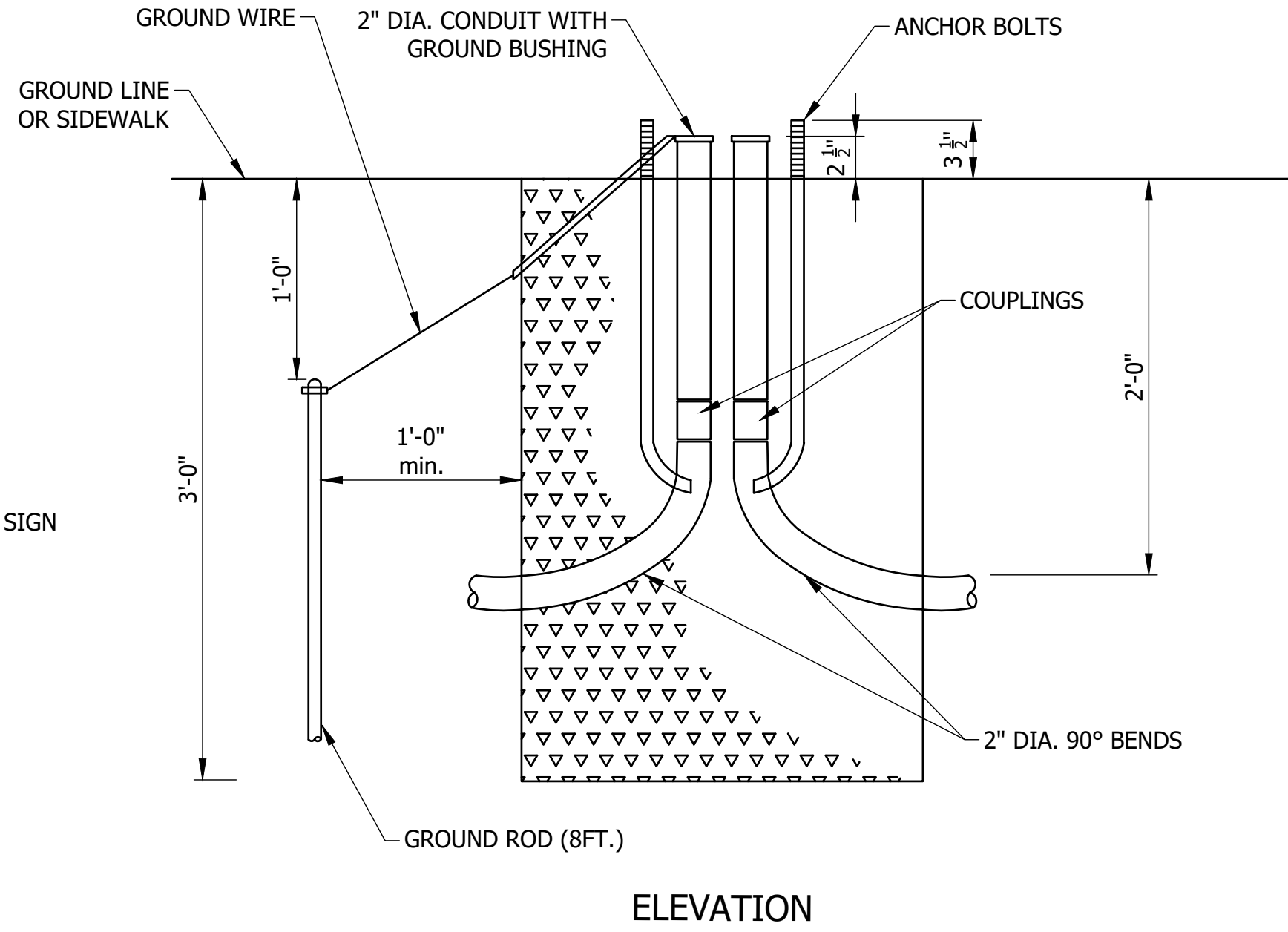
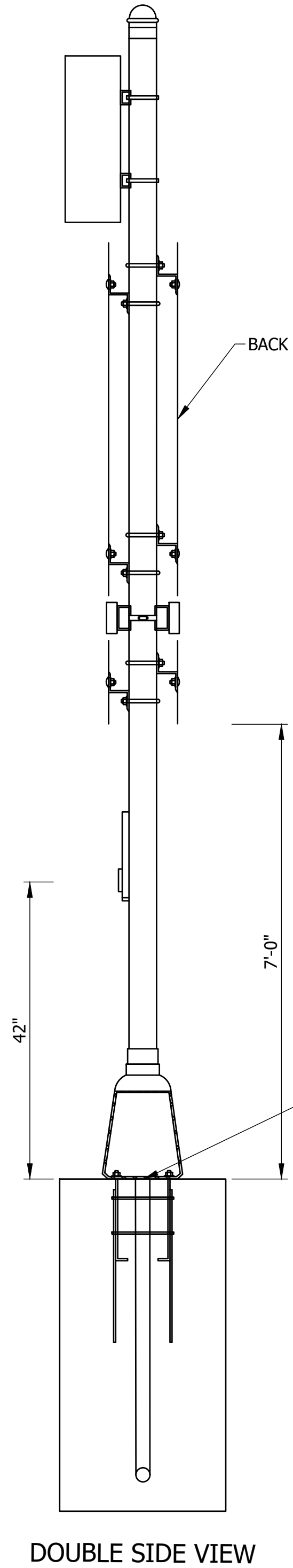
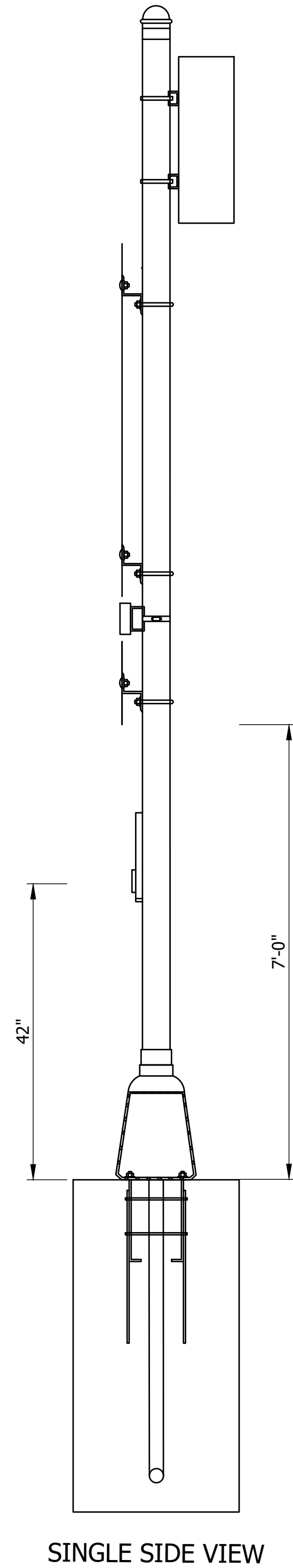
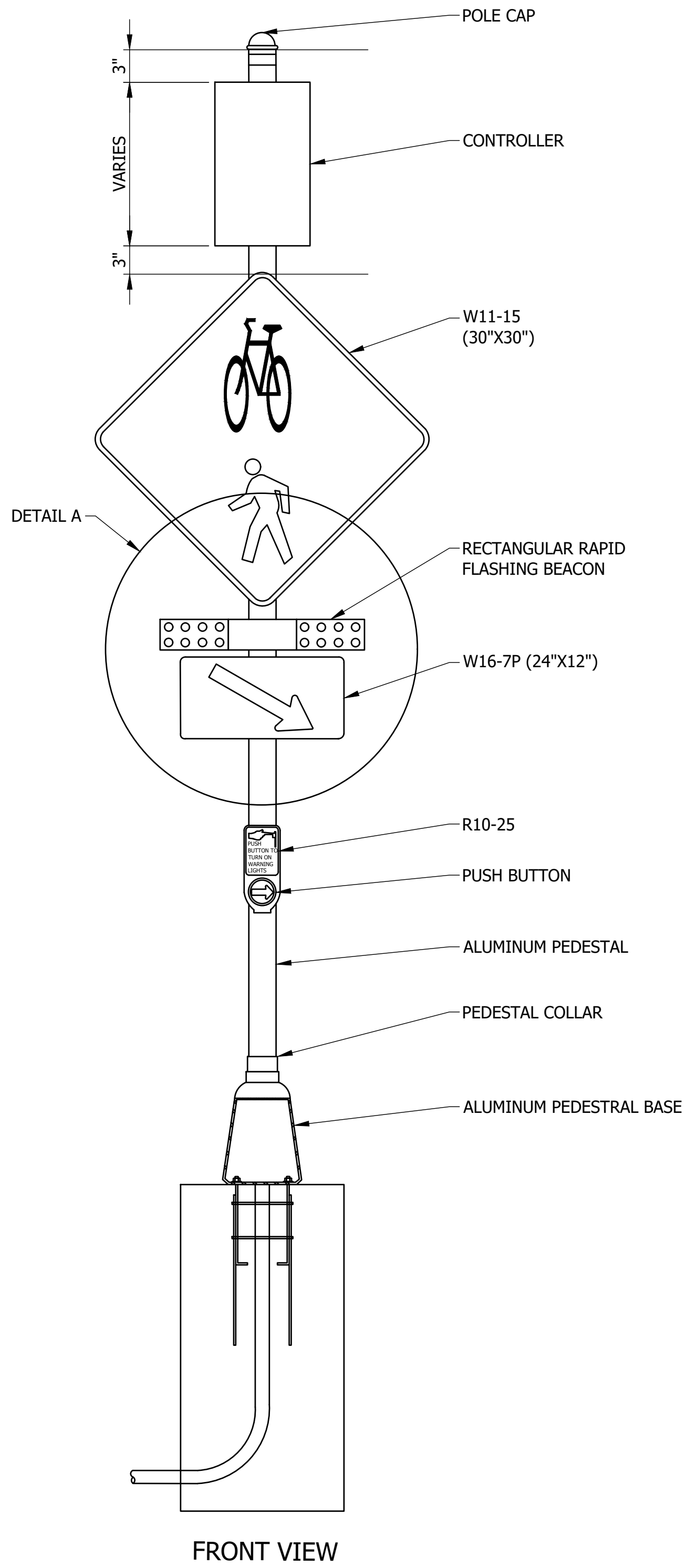


RECOMMENDED FOR APPROVAL		12/23/2016	
DESIGNED: JTE		DRAWN: BD	
CHECKED: BCP		CHECKED: JTE	

CITY OF BLOOMINGTON	
SIGNAL PLANS	
ALLEN STREET AND WALNUT STREET	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	PROJECT
	15-3451

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PLOTTED BY:J.Eisenhauer
DATEFeb 06 2017 - 11:23am

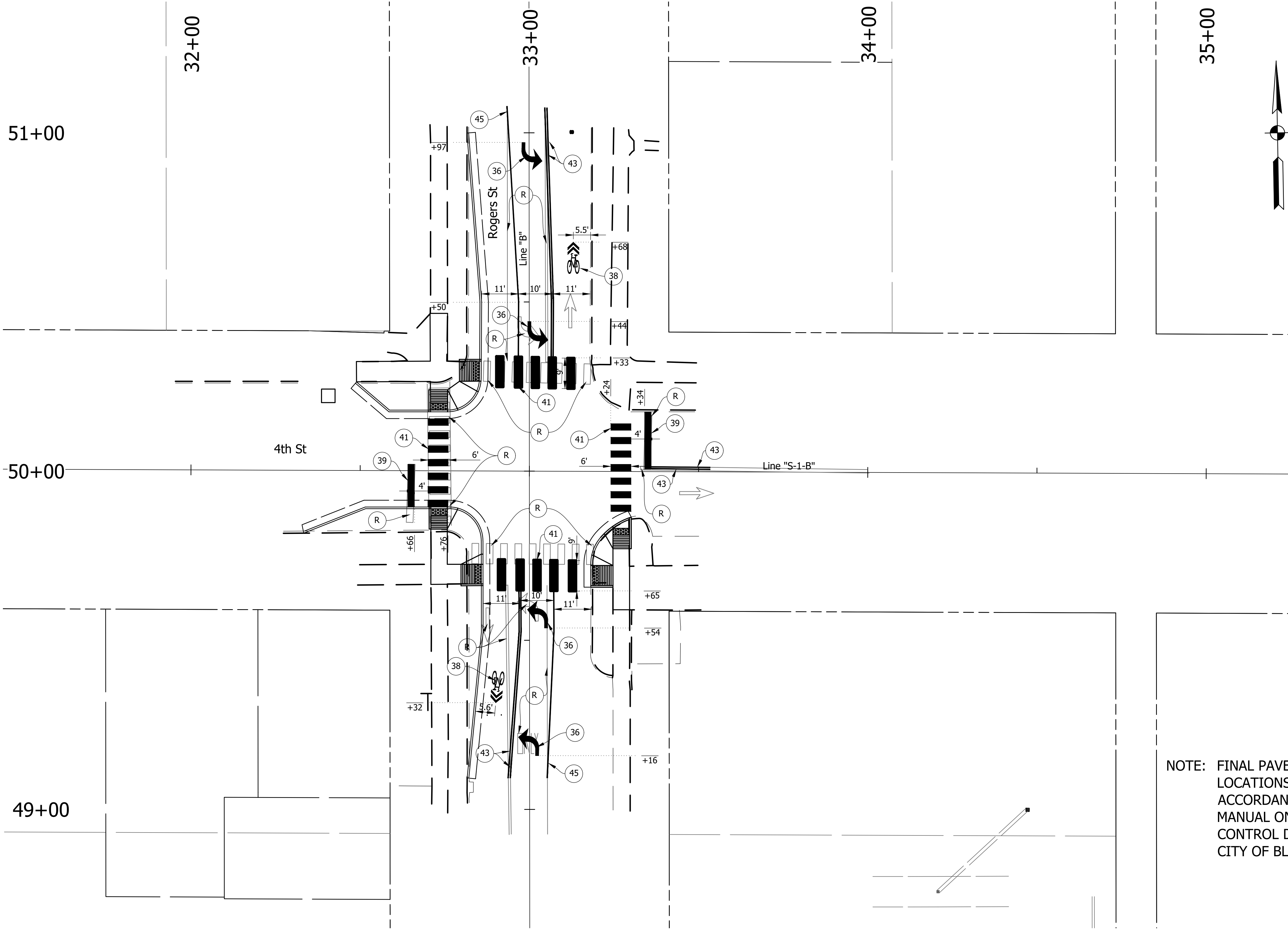


RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	12/23/2016
DESIGNED:	JTE	DRAWN: BD
CHECKED:	BCP	CHECKED: JTE

CITY OF BLOOMINGTON
RECTANGULAR RAPID FLASHING BEACON DETAILS

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SHEETS
CONTRACT	14 of 16
	PROJECT
	15-3451

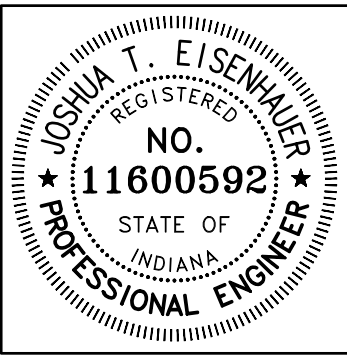
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DIMSCALE...1 LTSCALE....1
PLOTTED BY...J.Eisenhauer
DATE.....Feb 06,2017 - 11:25am



NOTE: FINAL PAVEMENT MARKING LOCATIONS TO BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CITY OF BLOOMINGTON

LEGEND

- | | | | | | |
|----|--|----|---|---|--------------------------|
| 36 | Pavement Message Markings, Thermoplastic, Lane Indication Arrow | 41 | Transverse Markings, Thermoplastic, Crosswalk, 24 in. | R | Remove Pavement Markings |
| 37 | Pavement Message Markings, Thermoplastic, Lane Indication ONLY | 43 | Line, Thermoplastic, Solid, Yellow, 4 in. | | |
| 38 | Pavement Message Markings, Thermoplastic Traffic Paint, Share the Road | 44 | Line, Thermoplastic, Solid, White, 4 in. | | |
| 39 | Transverse Markings, Thermoplastic, Stop Line, White, 24 in. | 45 | Line, Thermoplastic, Solid, White, 6 in. | | |
| 40 | Transverse Markings, Thermoplastic, Crosshatch Line, Yellow, 12 in. | 46 | Line, Thermoplastic, Broken, White, 4 in. | | |

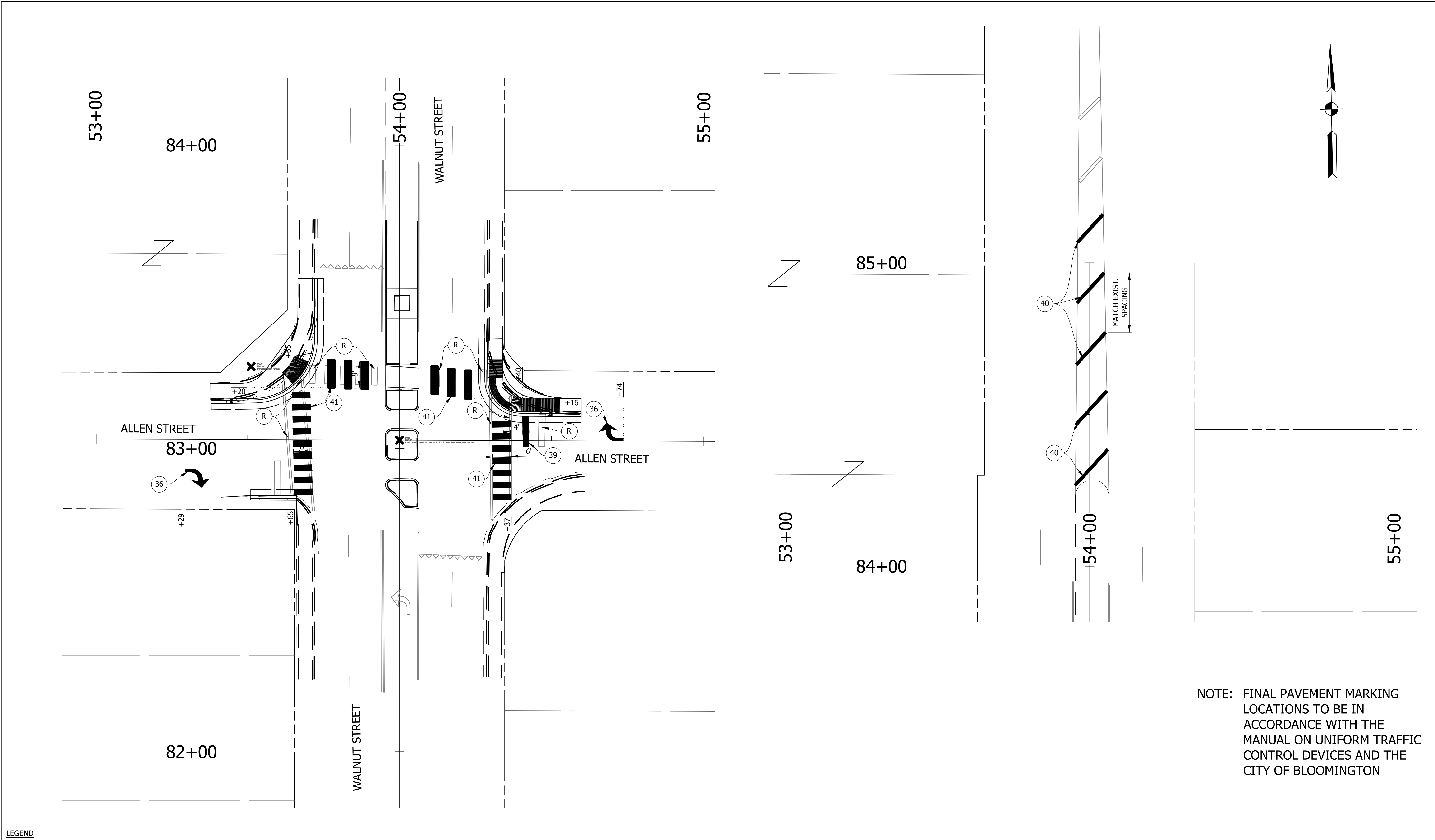


RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED:	JTE	DRAWN: BD
CHECKED:	BCP	CHECKED: JTE

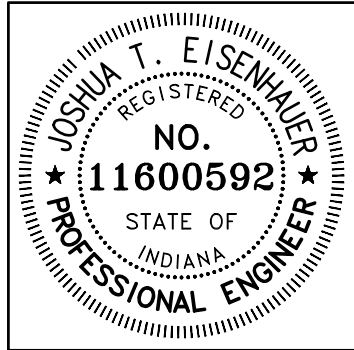
CITY OF BLOOMINGTON
PAVEMENT MARKINGS 4TH ST AND ROGERS ST

HORIZONTAL SCALE	BRIDGE FILE
1"=15'	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	15 of 16
CONTRACT	PROJECT
	15-3451

DIRECTORY...F:\projects shared\2015\15-3451 bloomington intersection improvements\Design\DESIGN\DRAWINGS\12 PAVEMENT MARKING\FILE15-3451 PAVEMENT MARKINGS.dwg
DIMSCALE:1.1 LTSCALE:1
PLOT BY: J. Eisenhauer
DATE: Feb 06, 2017 - 11:25am



- LEGEND
- 36 Pavement Message Markings, Thermoplastic, Lane Indication Arrow
 - 37 Pavement Message Markings, Thermoplastic, Lane Indication ONLY
 - 38 Pavement Message Markings, Thermoplastic Traffic Paint, Share the Road
 - 39 Transverse Markings, Thermoplastic, Stop Line, White, 24 in.
 - 40 Transverse Markings, Thermoplastic, Crosshatch Line, Yellow, 12 in.
 - 41 Transverse Markings, Thermoplastic, Crosswalk, 24 in.
 - 43 Line, Thermoplastic, Solid, Yellow, 4 in.
 - 44 Line, Thermoplastic, Solid, White, 4 in.
 - 45 Line, Thermoplastic, Solid, White, 6 in.
 - 46 Line, Thermoplastic, Broken, White, 4 in.
 - R Remove Pavement Markings



RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	12/23/2016
	DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: BD	
CHECKED: BCP	CHECKED: JTE	

CITY OF BLOOMINGTON
PAVEMENT MARKINGS ALLEN ST AND WALNUT ST

HORIZONTAL SCALE	BRIDGE FILE
1"=15'	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	16 of 16
CONTRACT	PROJECT
	15-3451

NOTE: FINAL PAVEMENT MARKING LOCATIONS TO BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CITY OF BLOOMINGTON