

# CITY OF BLOOMINGTON DEPARTMENT OF PUBLIC WORKS

## UTILITIES

<b>WATER:</b>	CITY OF BLOOMINGTON UTILITIES 600 E MILLER DR BLOOMINGTON, INDIANA 47401 PHONE: (812) 349-1444 CONTACT: MIKE BENGTON
<b>ELECTRIC:</b>	DUKE CINERGY 1100 W SECOND STREET BLOOMINGTON, IN 47403 PHONE: ((812) 337-3020 CONTACT: JEFF DORN
<b>TELEPHONE:</b>	AT&T 4517 E INDIANA BELL CT BLOOMINGTON, INDIANA 47408 PHONE: (812) 334-4521 CONTACT: BRENT McCABE
<b>SANITARY:</b>	CITY OF BLOOMINGTON UTILITIES 600 E MILLER DR BLOOMINGTON, INDIANA 47401 PHONE: (812) 349-1444 CONTACT: MIKE BENGTON
<b>CABLE:</b>	COMCAST 1600 W VERNAL PIKE BLOOMINGTON, INDIANA 47404 PHONE: (812) 332-9486 CONTACT: SCOTT TEMPLETON
<b>GAS:</b>	VECTREN ENERGY DELIVERY 205 S MADISON STREET BLOOMINGTON, INDIANA 47404 PHONE: (812) 330-4075 CONTACT: RAYMOND WISE

VERNAL PIKE DESIGN DATA	
DESIGN SPEED	45 m/hr
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	SECONDARY ARTERIAL
RURAL/URBAN	URBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE

CRESCENT ROAD DESIGN DATA	
DESIGN SPEED	25 m/hr
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL
RURAL/URBAN	URBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE

## WEST VERNAL PIKE & NORTH CRESCENT ROAD

### PROJECT NO. BPW-2011-30

**REALIGNMENT OF CRESCENT ROAD AT INTERSECTION WITH VERNAL PIKE LOCATED 0.3 MILES SOUTHEAST OF THE INTERSECTION OF S.R. 37 AND VERNAL PIKE, IN SECTION 31, T-9-N, R-1-W, BLOOMINGTON TOWNSHIP, MONROE COUNTY, INDIANA**

"DON'T DIG BLIND"  
CALL TWO WORKING DAYS  
BEFORE YOU DIG

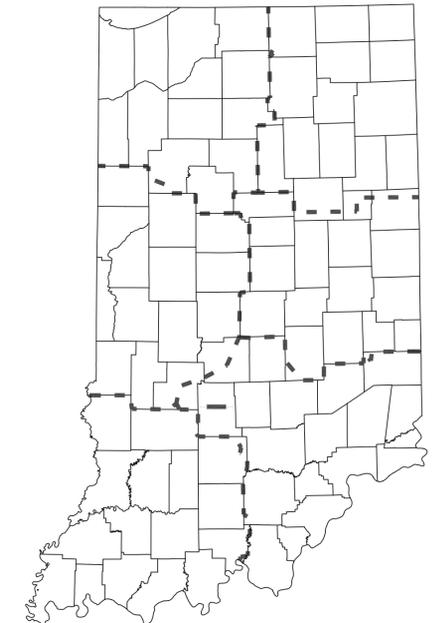
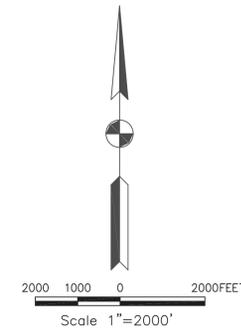
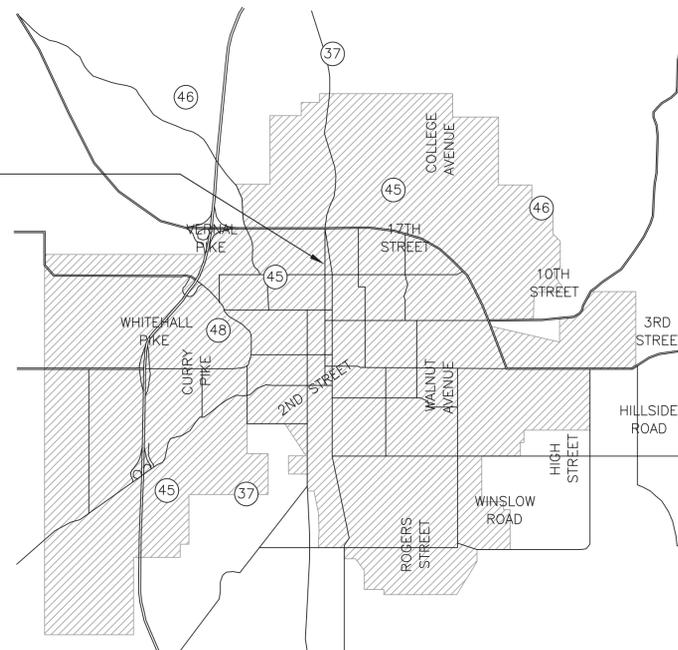


WITHIN INDIANA:  
811  
FROM OUTSIDE INDIANA:  
1-800-382-5544

### SHEET INDEX

- Sheet No. 1: Title Sheet
- Sheet No. 2: Typical Sections
- Sheet No. 3: Misc. Details/Pavement & Superelevation Plan Legend
- Sheet No. 4: Plan/Profile Sheet Vernal
- Sheet No. 5: Plan/Profile Sheet Vernal 2
- Sheet No. 6: Plan/Profile Sheet Crescent
- Sheet No. 7: Pavement Marking and Signage Plan
- Sheet No. 8: Drive Details
- Sheet No. 9: Sidewalk Details

PROJECT BPW-2011-01



PROJECT LOCATION SHOWN BY

CITY OF BLOOMINGTON  
LOCATION MAP

SEC 31, T9N, R1W  
BLOOMINGTON TOWNSHIP  
MONROE COUNTY

**cityofbloomingtonindiana**  
DEPARTMENT OF PUBLIC WORKS



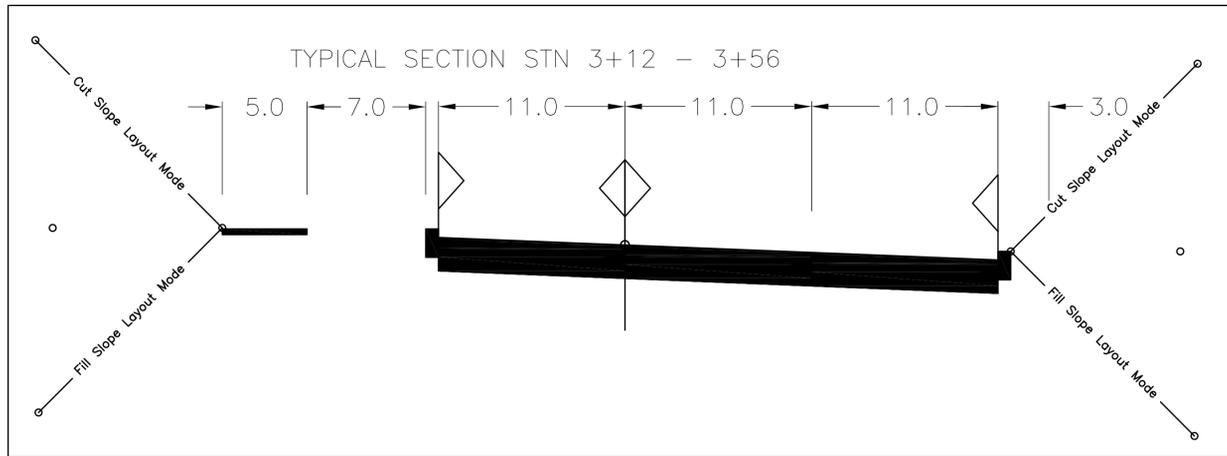
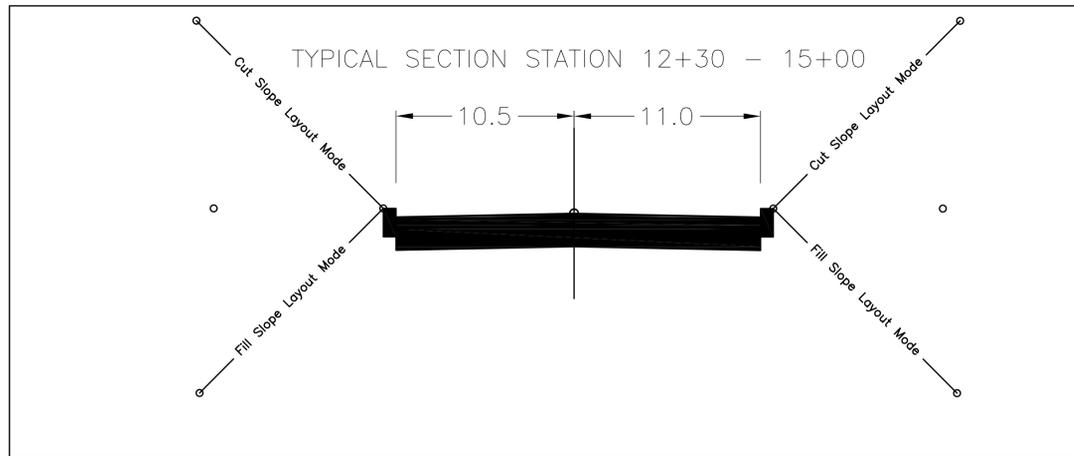
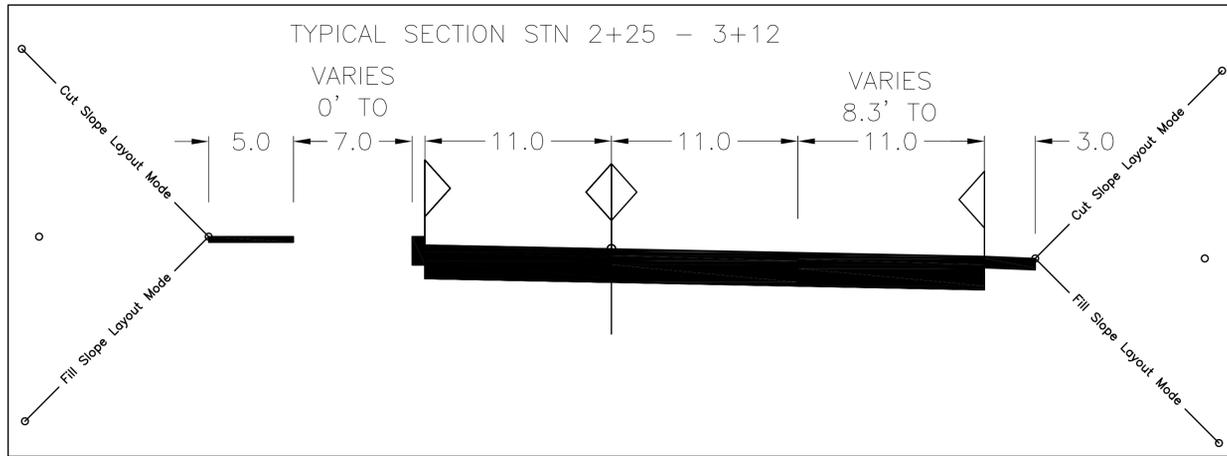
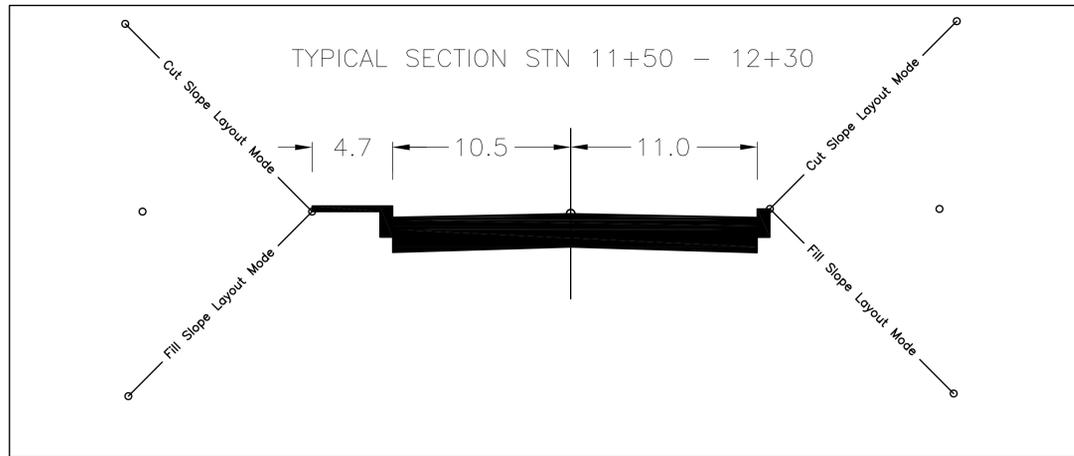
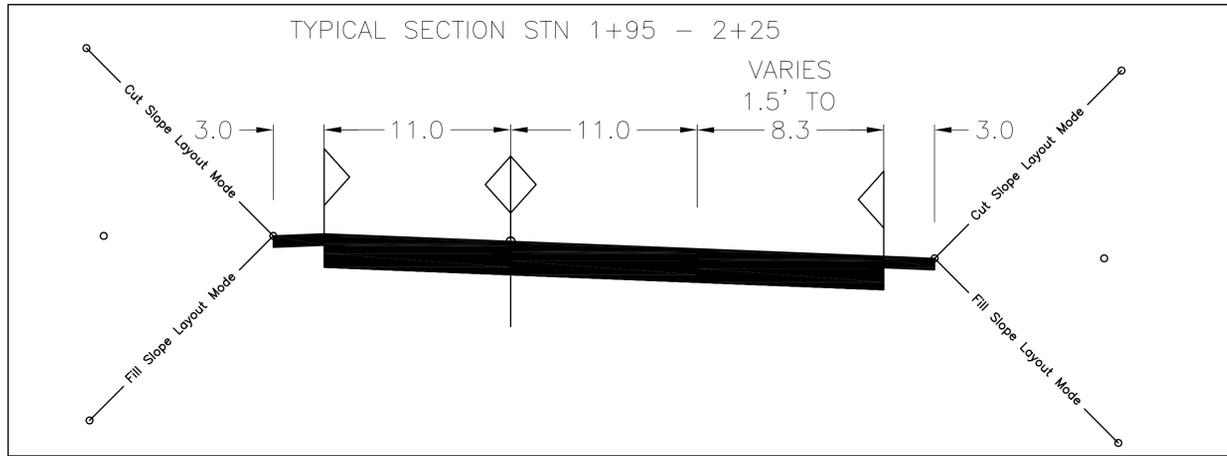
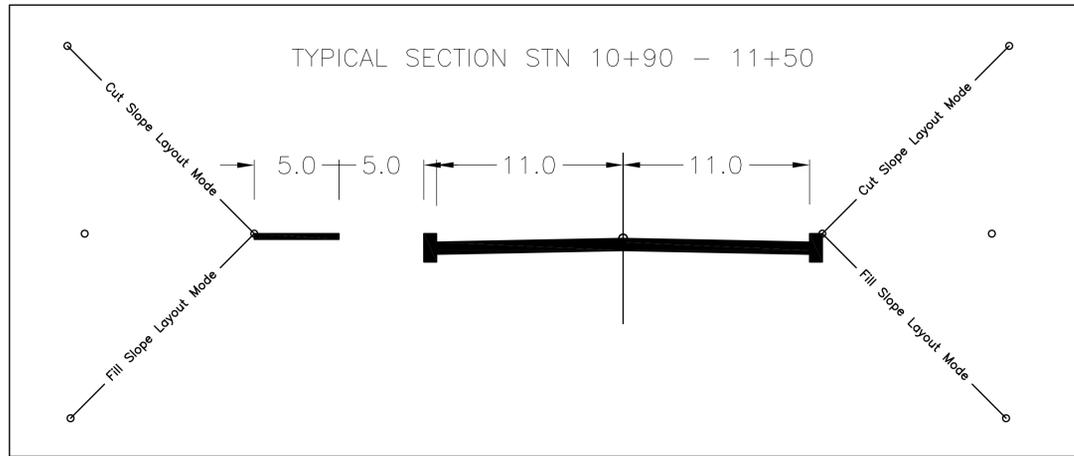
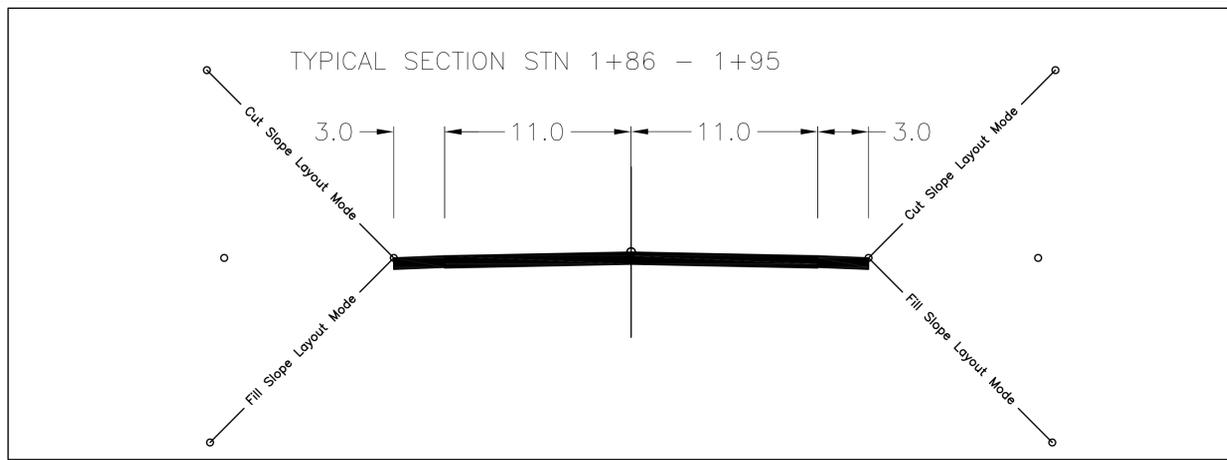
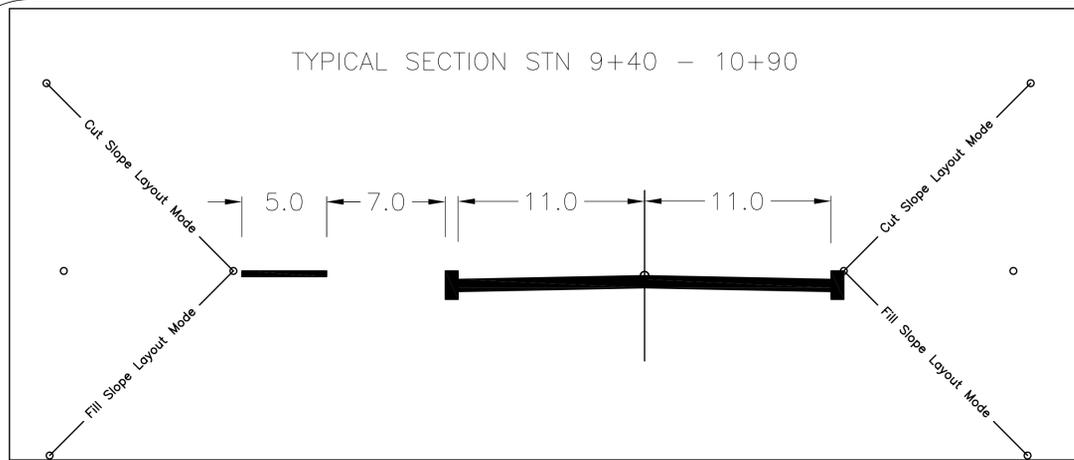
City of Bloomington  
Department of Public Works  
401 N Morton St  
Bloomington, IN 47404

PLANS PREPARED BY: (812) 349-3417  
PHONE NUMBER

CERTIFIED BY: \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED FOR LETTING: \_\_\_\_\_ DATE \_\_\_\_\_

SHEETS		
1	of	9
PROJECT		



General Notes



No.	Revision/Issue	Date

Firm Name and Address

CITY OF BLOOMINGTON  
401 N. MORTON ST  
BLOOMINGTON, IN  
47404

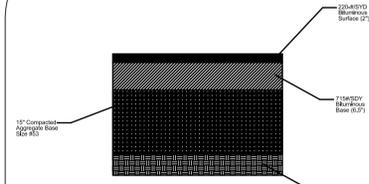
CITY OF BLOOMINGTON

Project Name and Address

VERNAL PIKE AND  
CRESCENT ROAD  
INTERSECTION IMPROVEMENT

Project VERNAL/CRESCENT	Sheet 2
Date 9/22/2011	
Scale 1" = 5'	

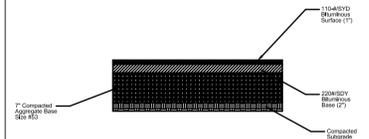
PAVEMENT DETAILS



Pavement Section P1: Vernal Pike



Pavement Section P2: Crescent Road

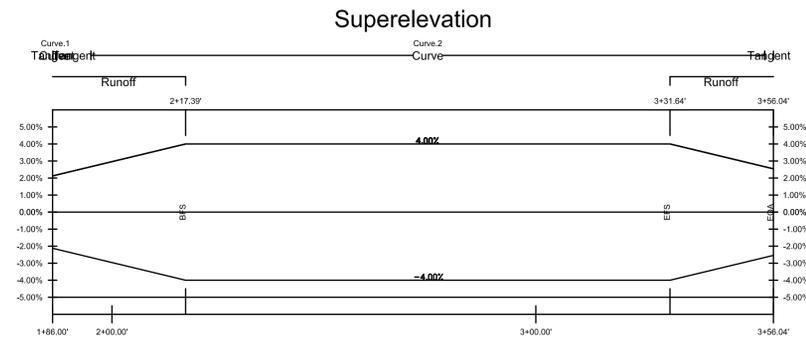


Pavement Section P3: Driveways

PROPOSED ITEMS LEGEND

- (P1) P1 FULL DEPTH PAVEMENT FOR ARTERIAL ROAD  
220#/SY HMA SURFACE ON  
715#/SY HMA BASE ON  
15" COMPACTED AGGREGATE BASE No.53s
- (P2) P2 FULL DEPTH PAVEMENT FOR LOCAL ROAD  
165#/SY HMA SURFACE ON  
330#/SY HMA BASE ON  
11" COMPACTED AGGREGATE BASE No.53s
- (P3) P3 FULL DEPTH PAVEMENT FOR LOCAL ROAD  
110#/SY HMA SURFACE ON  
220#/SY HMA BASE ON  
7" COMPACTED AGGREGATE BASE No.53s
- (P4) P4 RESURFACING SECTION HMA PAVEMENT  
220#/SY HMA SURFACE ON TACK COAT
- (D1) D1 CLASS 1 DRIVE, 6" PCC ON  
6" COMPACTED AGGREGATE BASE No.53s
- (D2) D2 CLASS 2 DRIVE, 6" PCC ON  
6" COMPACTED AGGREGATE BASE No.53s
- (D3) D3 CLASS 3 DRIVE, 9" PCC ON  
6" COMPACTED AGGREGATE BASE No.53s
- (D4) D4 CLASS 4 DRIVE, 9" PCC ON  
6" COMPACTED AGGREGATE BASE No.53s
- (C) C TYPE C SIDEWALK CURB RAMP
- (S1) S1 5 FOOT SIDEWALK
- (S2) S2 4.75 FOOT COMBINED SIDEWALK AND CURB
- (G) G SODDING, NURSERY

SUPERELEVATION DETAILS



General Notes



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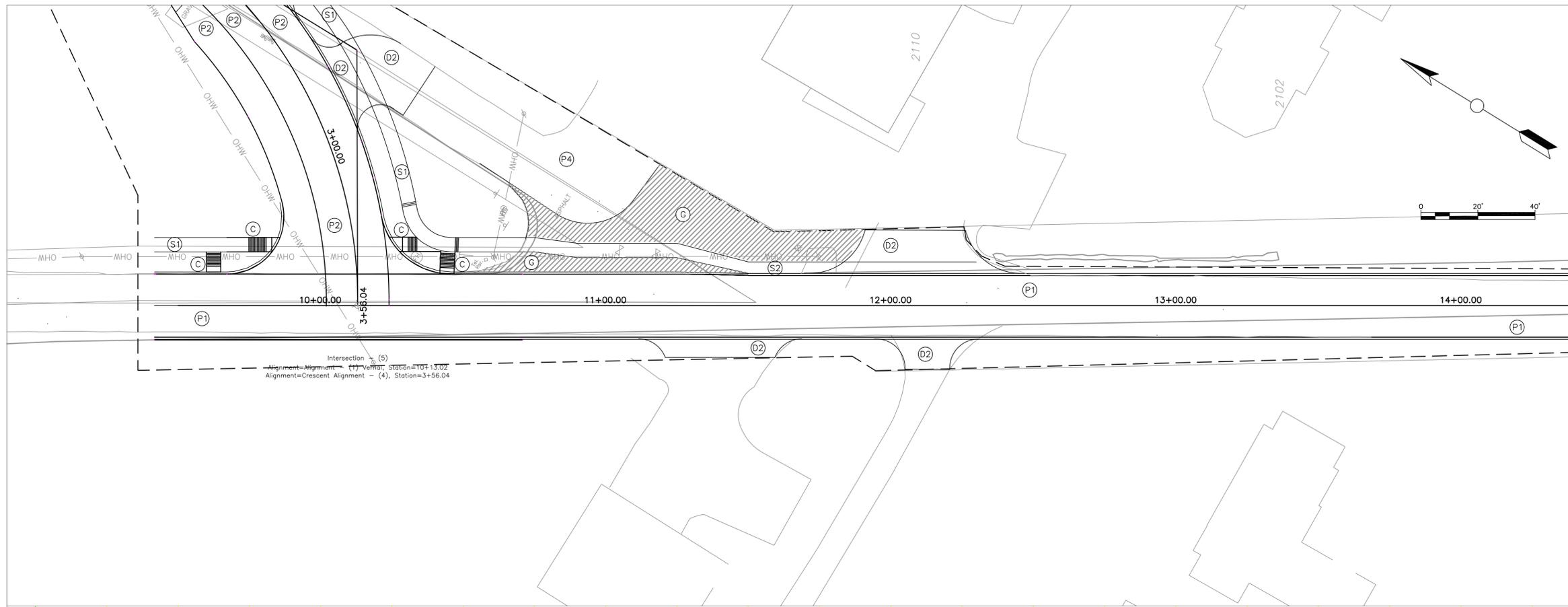
Firm Name and Address

CITY OF BLOOMINGTON

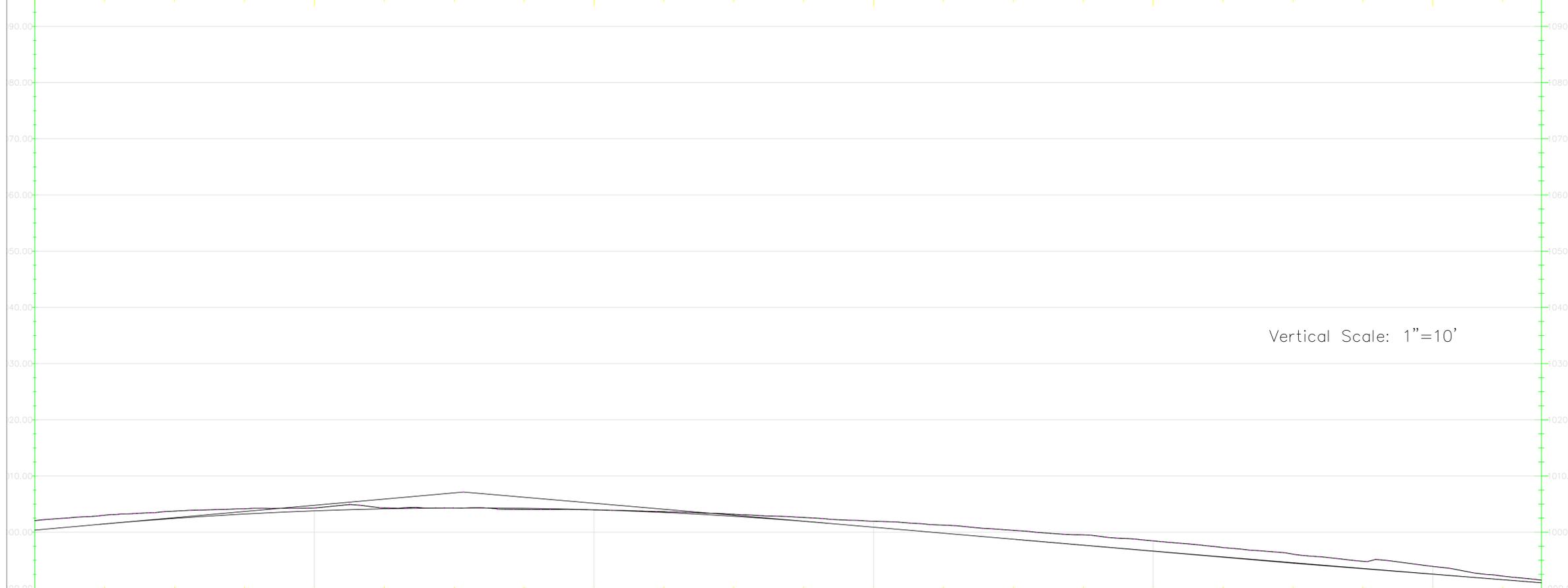
Project Name and Address

VERNAL PIKE AND  
CRESCENT ROAD  
INTERSECTION IMPROVEMENT

Project VERNAL/CRESCENT	Sheet 3
Date 9/22/2011	
Scale 1" = 20'	



Intersection = (5)  
 Alignment = Alignment - (1) - Vertical Station = 107-13.02  
 Alignment = Crescent Alignment - (4), Station = 3+56.04



Vertical Scale: 1"=10'

General Notes

No.	Revision/Issue	Date

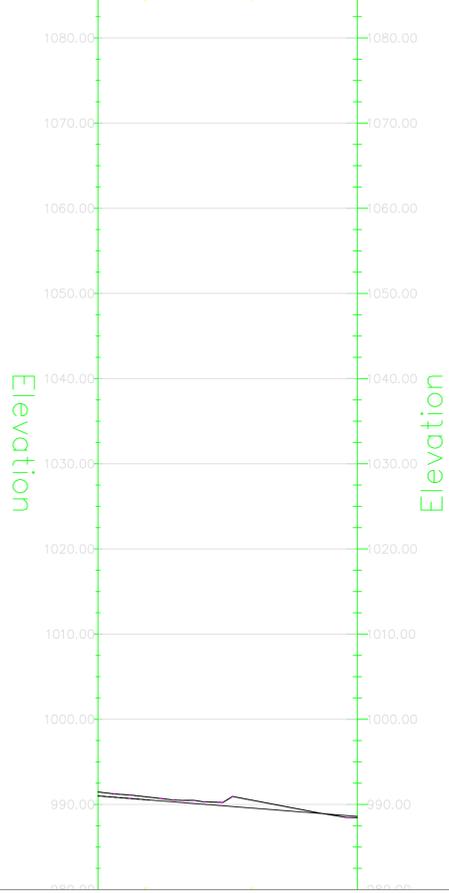
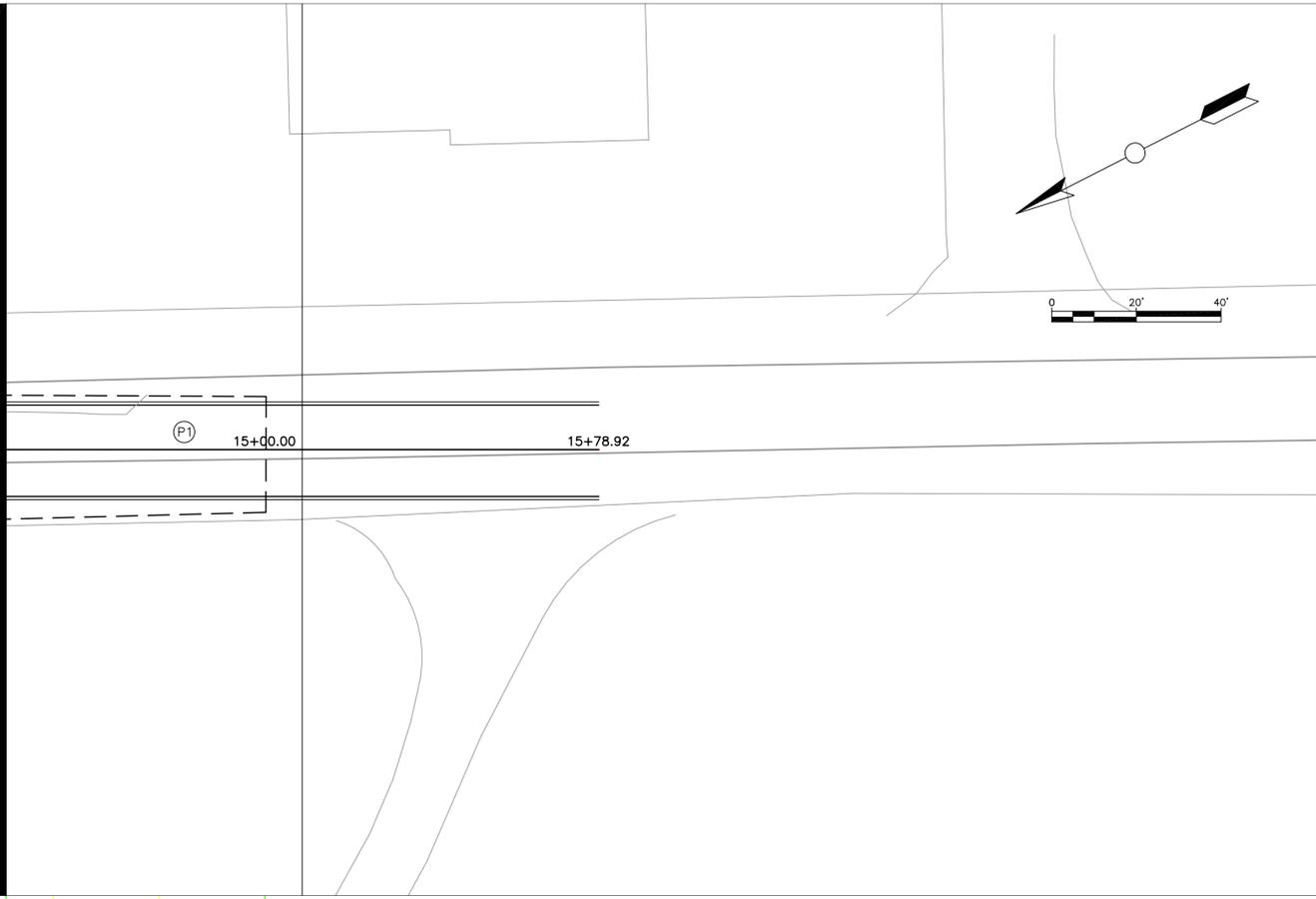
**Firm Name and Address**

CITY OF BLOOMINGTON  
 401 N. MORTON ST  
 BLOOMINGTON, IN  
 47404

**Project Name and Address**

VERNAL PIKE AND  
 CRESCENT ROAD  
 INTERSECTION IMPROVEMENT

<b>Project</b> VERNAL/CRESCENT	<b>Sheet</b>
<b>Date</b> 9/22/2011	4
<b>Scale</b> 1" = 20'	



Vertical Scale: 1"=10'

General Notes



No.	Revision/Issue	Date

Firm Name and Address

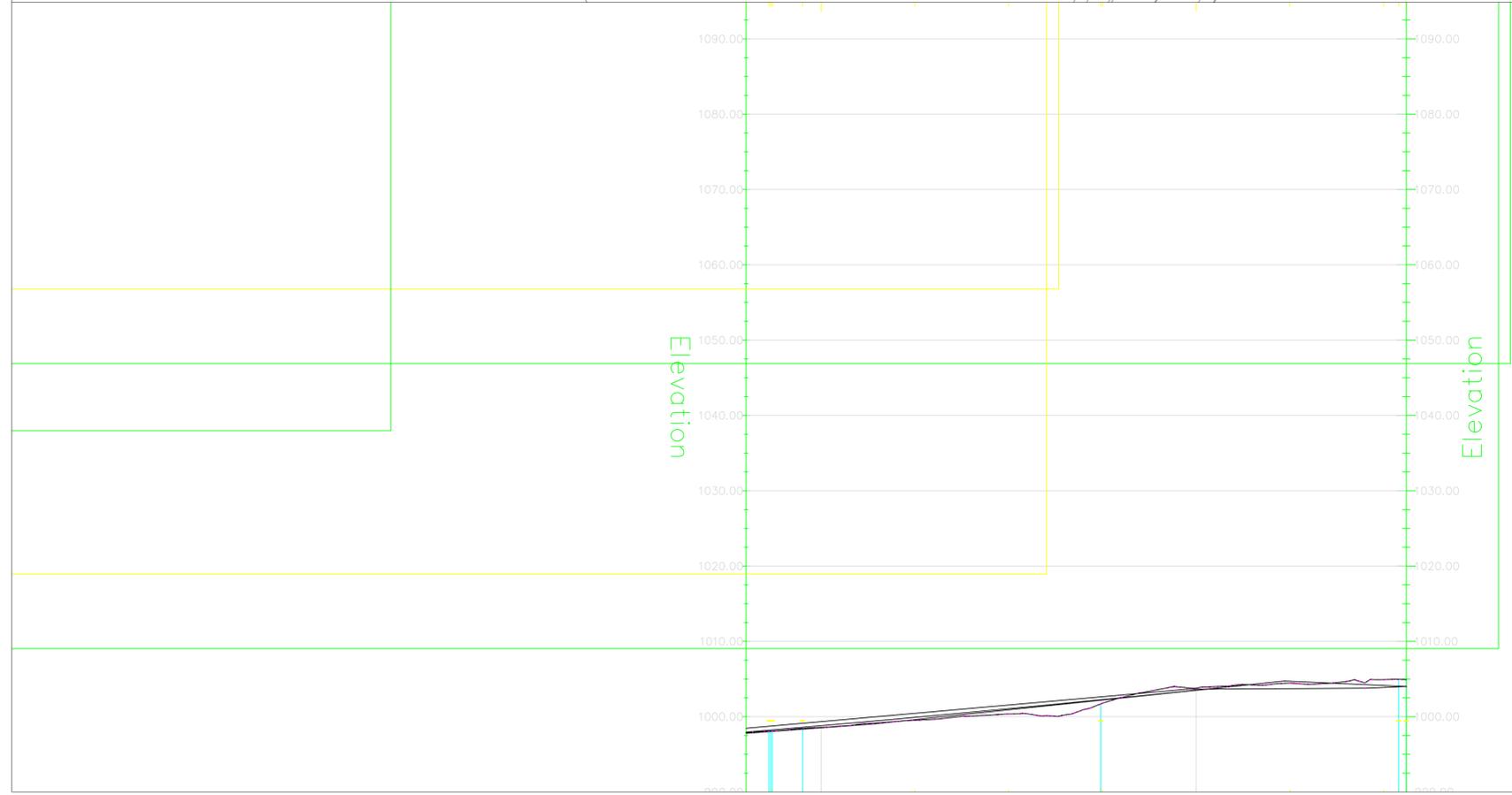
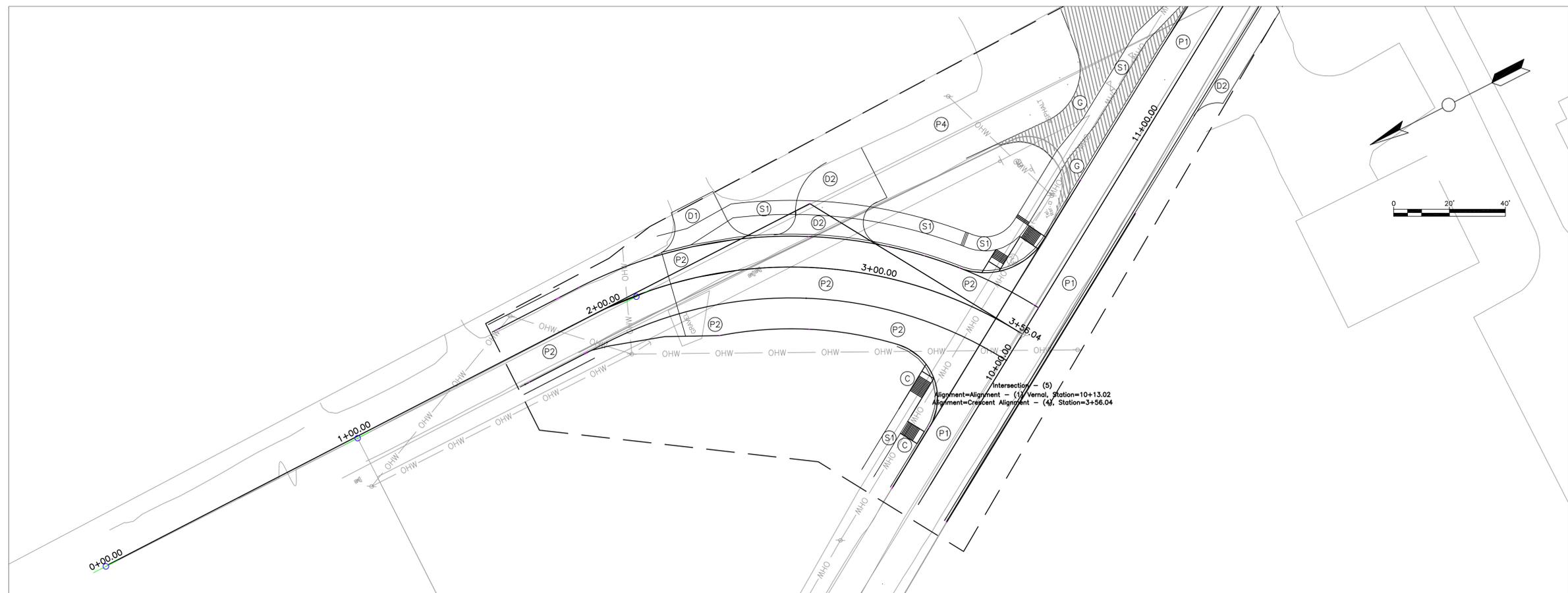
CITY OF BLOOMINGTON  
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BLOOMINGTON, IN  
47404



Project Name and Address

VERNAL PIKE AND  
CRESCENT ROAD  
INTERSECTION IMPROVEMENT

Project VERNAL/CRESCENT	Sheet 5
Date 9/22/2011	
Scale 1" = 20'	



Vertical Scale: 1"=10'

General Notes

JOYCE A. WILLIAMS  
REGISTERED  
PE10606136  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

No.	Revision/Issue	Date

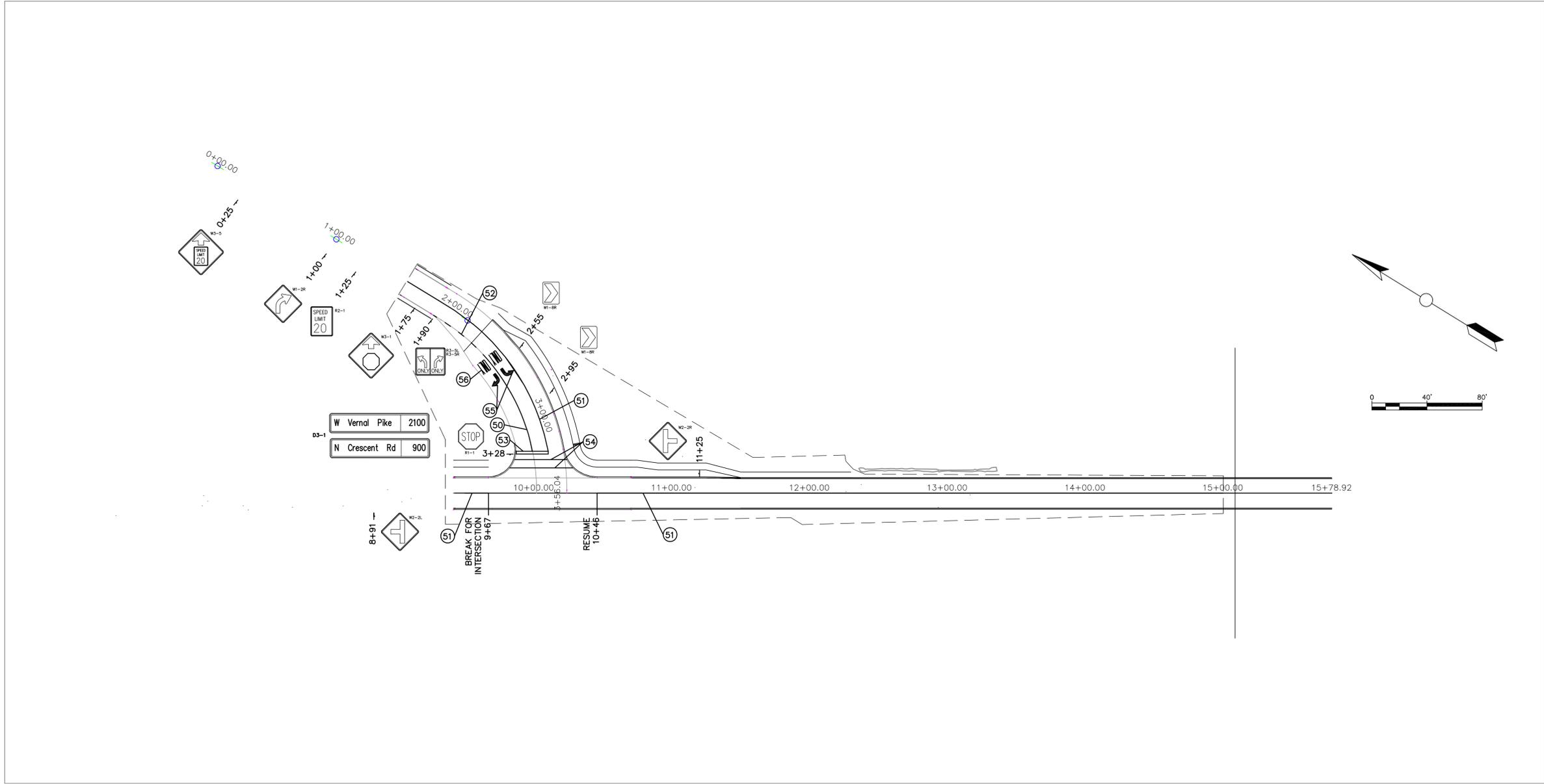
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BLOOMINGTON, IN  
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VERNAL PIKE AND  
CRESCENT ROAD  
INTERSECTION IMPROVEMENT

<b>Project</b> VERNAL/CRESCENT	<b>Sheet</b>
<b>Date</b> 9/22/2011	6
<b>Scale</b> 1" = 20'	



LEGEND

- ⑤ Line, Thermoplastic, Solid, White, 4"
- ⑤ Line, Thermoplastic, Solid, Yellow, 4"
- ⑤ Line, Thermoplastic, Broken, White, 4"
- ⑤ Transverse Markings, Thermoplastic, Stop line, 24"
- ⑤ Transverse Markings, Thermoplastic, Crosswalk Line, 6"
- ⑤ Pavement Message Markings, Thermoplastic, Lane Indicator Arrow
- ⑤ Pavement Message Markings, Thermoplastic, Word (ONLY)

QUANTITIES

- 1 D-3 W Vernal Pk 2100
- 1 D-3 N Crescent Rd 900
- 1 W2-2L 30" x 30"
- 1 W2-2R 30" x 30"
- 1 R1-1 30" x 30"
- 1 R3-5L 30" x 12"
- 1 R3-5R 30" x 12"
- 1 W3-1 30" x 30"
- 1 R2-1 24" x 30"
- 1 W1-2R 30" x 30"
- 1 W3-5 36" x 36"
- 2 W1-8R 18" x 24"

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CITY OF BLOOMINGTON

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VERNAL PIKE AND  
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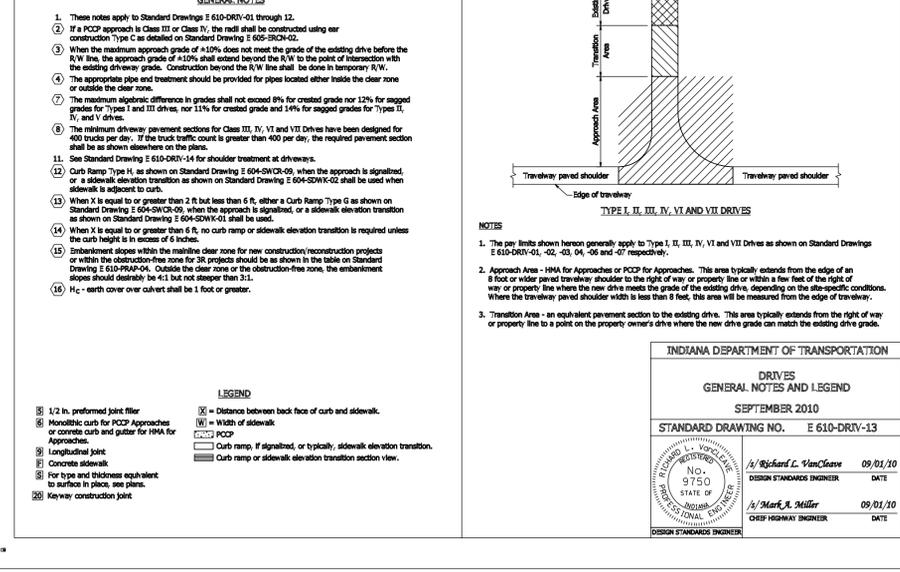
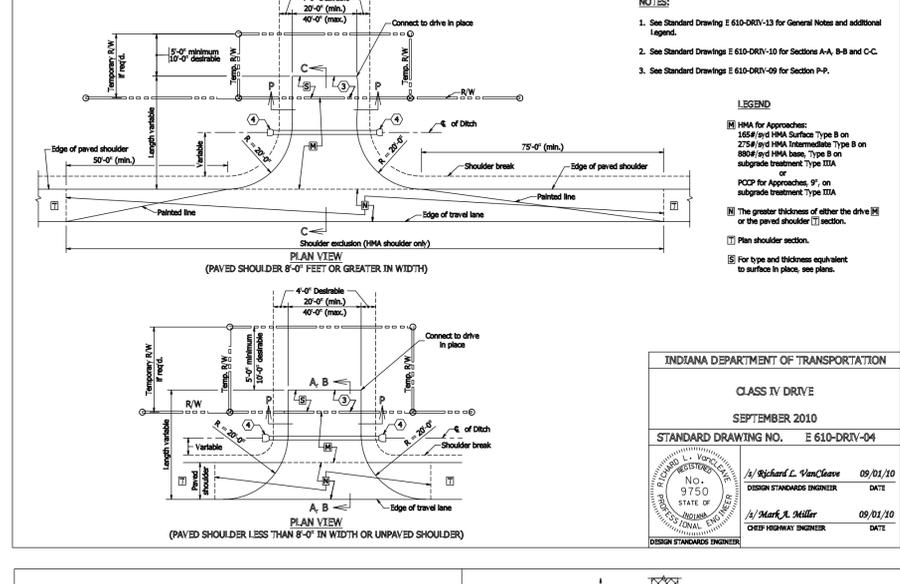
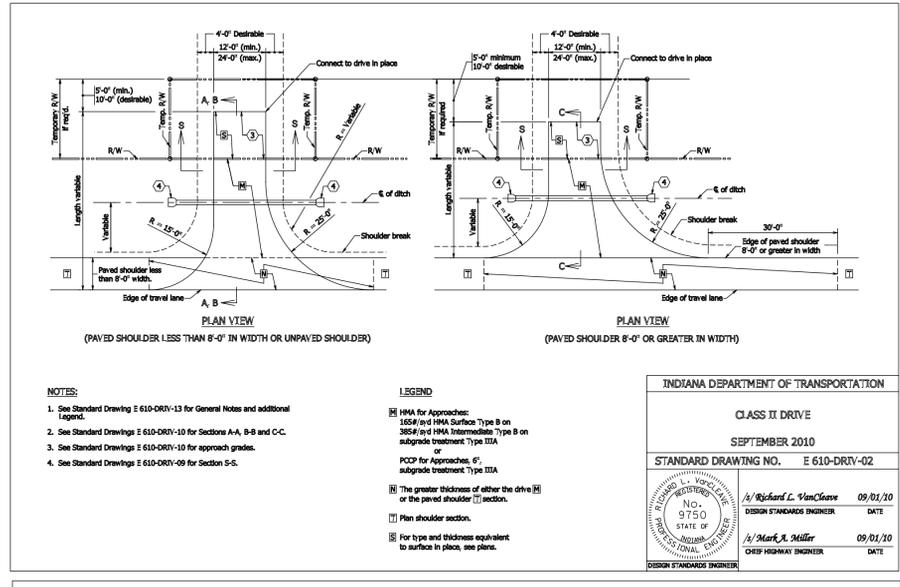
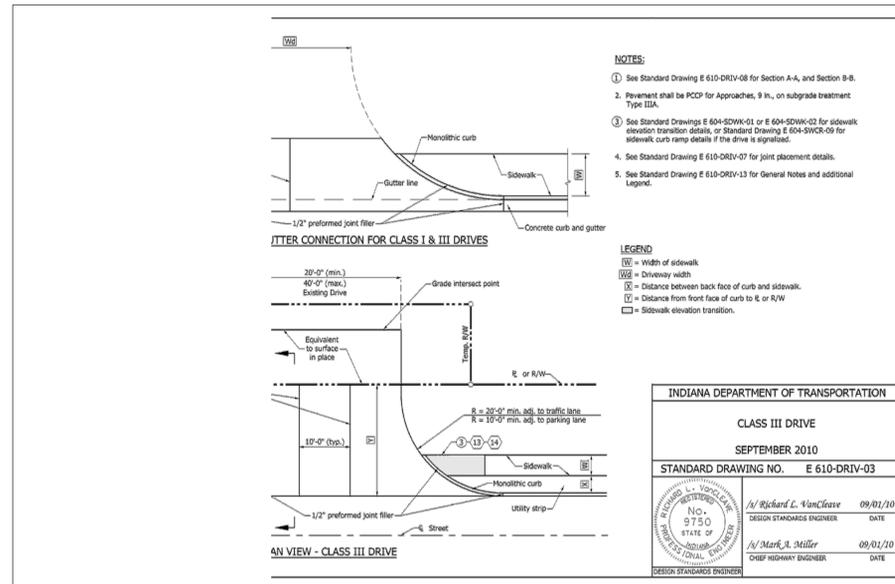
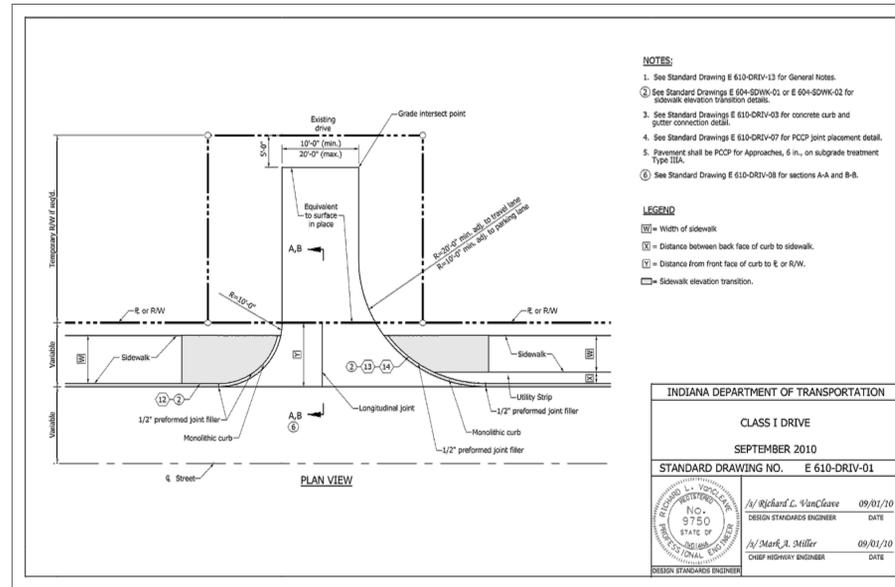
Project: VERNAL/CRESCENT

Date: 9/22/2011

Scale: 1" = 40'

Sheet

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General Notes

No. Revision/Issue Date

Firm Name and Address  
 CITY OF BLOOMINGTON  
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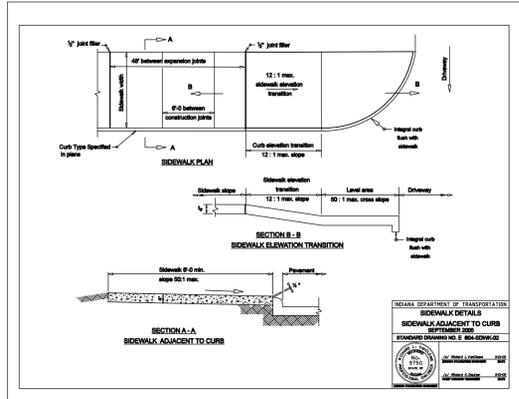
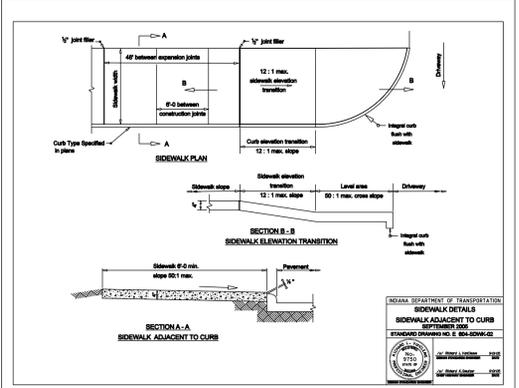
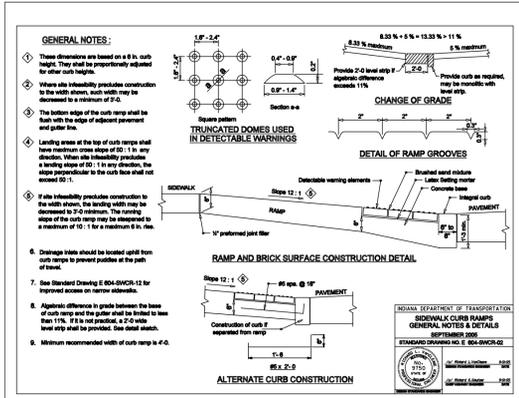
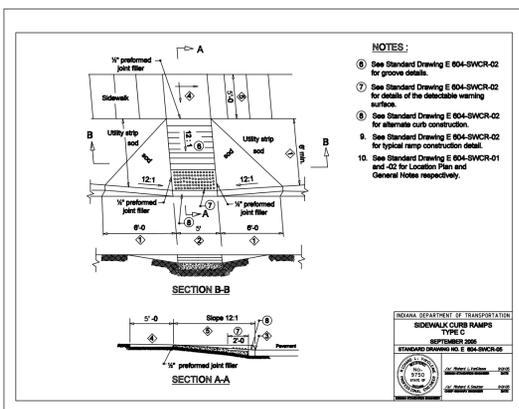
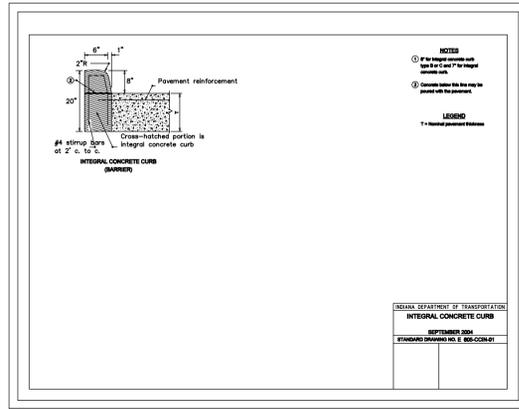
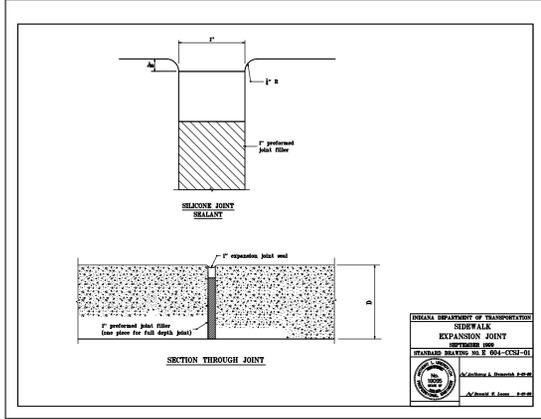
Project Name and Address  
 VERNAL PIKE AND  
 CRESCENT ROAD  
 INTERSECTION IMPROVEMENT

Project: VERNAL/CRESCENT Sheet: 8

Date: 9/22/2011

Scale: 1" = 40'

Professional Engineer Seal: JOYCE A. WILLIAMS, REGISTERED PROFESSIONAL ENGINEER, STATE OF INDIANA, PE10606136



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 47404

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VERNAL PIKE AND  
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 INTERSECTION IMPROVEMENT

Project: VERNAL/CRESCENT

Date: 9/22/2011

Scale: NTS

Sheet: 9