## PLANNING AND TRANSPORTATION DEPARTMENT

The latest edition of the following Standards/Specifications shall be utilized in these plans: the Indiana Department of Transportation (INDOT) 2018 and the City of Bloomington Utilities for all materials, equipment, structures and installations.

# CITY OF BLOOMINGTON



### MOORES PIKE AND CLARIZZ BOULEVARD INTERSECTION BLOOMINGTON, INDIANA

### MAYOR, JOHN HAMILTON



LOCATION MAP MONROE COUNTY





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REGISTERED NO. 10707540 /ONAL

PLANS PREPARED BY: CRAWFORD, MURPHY & TILLY 27 Bath

CERTIFIED BY:

APPROVED FOR LETTING:

CITY OF BLOOMINGTON

		BR	IDGE F	ILE
(317) 298-4500			N/A	
PHONE NUMBER		DE	SIGNAT	ION
10/24/2018			N/A	
	SURVEY BOOK		SHEETS	5
DATE	N/A	1	of	14
	CONTRACT		PROJEC	Т
DATE	N/A		N/A	



(AC)	Furnish and Adjust Casting To Grade, Type 2	(MS)	Mulched Seeding With Special	(W4)	Trans
BR	990#/Syd HMA Base Type B, 25.0 mm For Base Repair	P	990#/Syd HMA For Structure Installation, Type B	W5	Transv Line, V
С	Curb, Concrete, 20 In.	R	165#/Syd HMA Surface, Type B, 9.5 mm on 220#/Syd HMA Intermediate, Type B, 12.5 mm	(W6)	Line, <sup>-</sup>
CA	Compacted Aggregate No 53, Base	(R1)	HMA For Approaches, Type A, 9.5 mm	(W7)	Line, <sup>-</sup> (Parki
CB	Private Utility Curb Box Adjustment (No Direct Pay)	R2	HMA For Approaches, Type B, 9.5 mm	W8	Line, <sup>–</sup> (Parki
CD	PCCP For Approaches, 8 In.	(R3)	HMA for Widening, 165#/sys HMA Surface Type C, 9.5 mm on 1100#/sys HMA Base	Y	Line, <sup>-</sup>
CG	Curb And Gutter, A, Concrete.	(RR)	Type C, 25.0 mm Remove And Reset Casting To	(Y1)	Transv Crossł
CG1	Concrete Roll Curb And Gutter	$\overline{()}$	Sidewalk Concrete 4 In	(Y2)	Line, <sup>-</sup>
CG2	Modified Combined Curb and Gutter	(S1)	Sidewalk, Concrete, 6 In.	RB	Snowp 2-Way
CP	Bituminous Cold Planing, Up To 3½ In.		Transverse Marking, Thermoplastic,		
(CP1)	Bituminous Cold Planing, For Approaches		Stop Line, White, 24 In.		
(CR)	Curb Removal (All Types)	(SR)	Sidewalk Removal (All Types)		
	Close Structure	(ST)	(To Be Paid As Sidewalk, Concrete, 4 In.)		
		(TC)	Tack Coat (No Direct Pay)		
	PCCP For Approaches, 6 In.	(TS)	Topsoil		
	Driveway Removal (All Types)	$\widetilde{\mathbb{W}}$	Line Thermonlastic Solid White 4 In		
	Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 In.	(W1)	Line, Thermoplastic, Broken, White, 4 In.		
(L2)	Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 In.	W2	Line, Thermoplastic, Dotted, White, 6 In		
MC	Curb, Monolithic, Concrete, 20 In.				

General Notes
All earth shoulders and cut and fill slopes shall be plain or mulch seeded, except where sodding is specified.
All pipe lengths shown are measured center-to-center of structure.
The Contractor shall ensure that safe access is maintained to all residences and businesses during all phases of construction.
t is the Contractor's responsibility to contact any and all utility companies within the limits of the project hree weeks prior to any construction.
/hen re-shaping cross section, all existing slopes steeper than 4:1 shall be benched before establishing ne proposed flattened slope.
he Contractor shall verify all drainage structure and pipe types, material, wall thickness, inverts, depths, diameter, zes and conditions prior to ordering materials for adjustments, connections, extensions or alterations. he Contractor shall assume responsibility for proper fit.
l existing pipe structures and their respective extensions shall be cleaned free of soil and foreign matter prior final acceptance. Only local water free of additives shall be used for pipe flushing and cleaning. This work shall e in accordance with any permits. No Direct Payment will be made.
At any location where milling is indicated, a 1-inch butt joint is required where the milling and resurfacing neet existing pavement.
The Contractor shall transition pavement slope through corner radii at a constant rate so as to match the adjacent ypical sections. Wedge and level material or other material accepted by the Engineer shall be used as necessary o provide positive drainage of the intersections.
xisting curb types may vary at streets. The Contractor shall inspect curb prior to beginning work to assure roper fit and transition.
or any bid item for which a quantity is bid (see itemized proposal), prior written approval from the Engineer exceed the bid quantity is required or no payment will be made for the overage.
ne Contractor shall ensure that positive drainage is maintained along curb and gutter flowlines and at intersections
idewalks and curb ramps have been designed to a cross slope of 1.50% or as specified otherwise herein. f field conditions differ, the Contractor shall ensure sidewalk and curb ramp cross slope is no greater than 2.00% n final constructed condition.
Sidewalk jointing shall be per INDOT Specification 604.03 (e) and INDOT Std. Drawings E 604-SDWK-01 and E 604-SDWK-02.
he detectable warning surface in concrete curb ramps shall be constructed using materials from the Tity of Bloomington approved list of Detectable Warning surfaces.

### General Legend

erse Marking, Thermoplastic Hatch Line, White, 12 In.	ADA	Curb Ramp, Concrete		Sanitary Structure
erse Marking, Thermoplastic Vhite, 8 In.			$\left(\begin{array}{c} \cdot \end{array}\right)$	Drainage Structure
hermoplastic, Solid, White, 6 In.	(DW)	Detectable Warning Surface	0	
hermoplastic, Solid, White, 4 In.		Pavement Message Marking, Thermoplastic		Signal Detector Housing
ig "L") Ibermonlactic Solid White 4 In	VINLI	Word (ONLY)	M	Water Valve
nermopiastic, Solid, White, 4 m. ig "T")		Devement Massage Marking Thermonlastic	Gv	Gas Valve
hermoplastic, Solid, Yellow, 4 In.		Lane Indication Arrow	y	Fire Hydrant
erse Marking, Thermoplastic, atch Line, Yellow, 12 In.	X	Pavement Message Marking, Thermoplastic	<b>(B)</b>	Misc. Manhole
hermoplastic, Dotted, Yellow, 4 In.		Railroad Crossing		Snowplowable Raised Pavement
lowable Raised Pavement Marker,	↑ ₼ ★	Bike Lane Indication Arrow	$\sim$	Marker, Blue, 2-Way
Blue		Pavement Message Marking,		Tree Coniforous
		Thermoplastic Bike Lane Symbol	$\langle \cdot \rangle$	Tree Deciduous
		Pavement Message Marking, Thermoplastic Pedestrian Symbol	$\mathcal{O}$	Utility Pole
	\$	Pavement Message Marking, Thermoplastic Bike Lane Chevron	·	Utility Down Guy
	DND	Do Not Disturb	$\mathbf{X}$	Utility Pole w/ Light
	UIP	Use In Place	Ī	Utility Pedestal
			Ρ	Utility Handhole
			S	Traffic Signal Handhole
			$\vdash$	Traffic Signal Pedestrian Pedestal
			and an	

						SCALE	BRIDGE FILE
REGISTERED NO. 10707540	PECOMMENDED 1211 R 4/-		INDIANA DEPARTMENT				
	FOR APPROVAL	APPROVAL	10/24/2018	8 OF TRANSPORTATION		DESIGNATION	
		DESIGN ENGINEER	DATE			N/A	
		10/24/2010 DDAWN DCC	10/24/2010		SURVEY BOOK	SHEETS	
	DATE DE ST	DESIGNED: RCC DRAWN:	10/24/2018		N/A	2 of 14	
		10/24/2010	INDEX & GENERAL NUTES	CONTRACT	PROJECT		
		CHECKED: LIND	10/24/2018 CHECKED:	10/24/2018		N/A	N/A

Index						
Description						
Title Sheet						
Index and General Notes						
Quantity Summary						
Survey Sheet						
Maintenance of Traffic						
Construction Plans						
Erosion Control						
ADA Ramp Details						
Pavement Marking and Signing Plan						
Utility Details						
Miscellaneous Details						
Rectangular Rapid flashing Beacon Details						

#### Utilities

AT&T - Distribution Mr. Todd Moore Phone No. 812-606-2957 tm1925@att.com

Bloomington Utilities Ms. Jane Fleig Phone No. 812-349-3631 fleigj@bloomington.in.gov

Comcast Mr. Steve McCartor Phone No. 812-360-3090 steve\_mcartor@cable.comcast.com

Duke Energy Ms. Dawn McDaniel Phone No. 812-343-9204 dawn.mcdaniel@duke-energy.com Smithville Communications Mr. Joe Bryniarski Phone No. 812-320-9317 Joe.Bryniarski@smithville.com

Vectren Energy Mr. Doug Anderson Phone No. 812-360-3972 danderson@vectren.com

Windstream Communications Mr. Daniel Leskinen Phone No. 812-455-9558 daniel.leskinen@windstream.com

Zayo Mr. Dan Jones Phone No. 317-508-2807 dan.jones@zayo.com

L:\BloomingtonIN\18074501-00\Draw\Sheets\Sht\_Quantity Summary.dgn

QUANTITY SUMMARY					
INDOT ITEM CODE	DESCRIPTION	UNIT	QUANTITY		
105-06845	Construction Engineeering	LSUM	1		
107-09367	Inspection Hole, 3 Ft Deep or Less	EACH	2		
110-01001	Mobilization and Demobilization	LSUM	1		
201-52370	Clearing Right of Way	LSUM	1		
202-02278	Curb, Concrete, Remove	LFT	312		
202-02772	Casting, Remove	EACH	1		
202-52710	Sidewalk, Concrete, Remove	SYS	88		
203-02000	Excavation, Common	CYS	83		
203-02070	Borrow	CYS	119		
205-00000	Temporary Inlet Protection	EACH	3		
205-06937	Temporary Silt Fence	LFT	363		
301-07448	Compacted Aggregate No,. 53 Base	TON	18		
304-07490	HMA Patching, Type B	TON	27		
401-10258	Joint adhesive, Surface	LFT	366		
406-05520	Asphalt for Tack Coat	SYS	82		
604-06070	Sidewalk, Concrete, 4 in.	SYS	110		
604-08086	Curb Ramp, Concrete, 6 in.	SYS	60		
604-12083	Detectable Warning Surfaces	SYS	9		
605-06120	Curb, Concrete, 20 in.	LFT	218		
605-06125	Curb, Concrete, Modified	LFT	145		
621-06554	Mulched Seeding U	SYS	329		
621-09867	Topsoil	CYS	58		
720-44015	Casting, 2, Furnish and Adjust to Grade	EACH	1		
720-45055	Inlet, M10	EACH	1		
720-45615	Structure, Inlet, Reconstructed	LFT	1		
801-06640	Construction Sign, A	EACH	6		
801-06645	Construction Sign, B	EACH	4		
801-06775	Maintaining Traffic	LSUM	1		
802-05701	Sign, Post, Square Type 1 Reinforced Anchor Base	LFT	80		
802-07060	Sign, Sheet, Relocate	EACH	2		
802-09838	Sign, Sheet, with Legend, 0.080 in. Thickness	SFT	17		
805-11799	Rectangular Rapid Flashing Beacon	EACH	2		
808-03439	Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 I	LFT	170		
808-06368	Transverse Marking, Remove	LFT	24		
808-06716	Line, Remove	LFT	20		
808-75297	Transverse Marking, Thermoplastic, Stop Line, White, 24 IN	LFT	23		

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	SCALE	BRIDGE FILE			
TRANSPORTATION		N/A			
		DESIGNATION			
		N/A			
	SURVEY BOOK	SHEETS			
	N/A	3	of	14	
IANTITY SUMMARY	N/A CONTRACT	3 F	of ROJEC	14 T	
JANTITY SUMMARY	N/A CONTRACT N/A	3 F	of PROJEC N/A	14 T	

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SC	ale 1" = 20 ft			
				PC C, ENV 212
-				
5			E/P A SPHALT E/P	
		CONTROL PT 1 REBAR W/CAP 5	ET	
	40' S.B.L. LOT 27	₫ U.E.	LOT 26	LOT 25
	SHADOW CREEK SUB. C/382 25' S.B.L. & U	<u>и.Е.</u>	6HADOW CREEK SUB. C/382	SHADOW CREEK SUB. C/382
	UTILITY <u>gas</u>	CONTACT INFO	ORMATION Electric	PROPERTY LINE EA SEMENT LINE FENCE OVERHEAD UTILITIE OVERHEAD ELECTR UNDERGROUND ELE UNDERGROUND GAS
	VECTREN 205 S. MADISON ST, BLOOMINGTON, IN 47401 DOUG ANDERSON (812)330-4009 <u>TELEPHONE</u> AT&T P.O. BOX 56 BLOOMINGTON, IN 47402 BRENT McCABE (812)334-4521	CITY OF BLOOMINGTON UTILITIES 600 E. MILLER DR. BLOOMINGTON, IN 47402 NANCY AXSOM (812)349-3689 CABLE TELEVISION COMCAST 2450 SOUTH HENDERSON STREET BLOOMINGTON, IN 47404 SCOTT TEMPLETON (812)355-7822	DUKE ENERGY 1619 W. DEFFENBAUGH ROAD KOKOMO, INDIANA 46902 JIM SHIELDS (317)375-2071 <u>UNDERGROUND UTILITY LOCATION</u> INDIANA UNDERGROUND PLANT PROTECTION 1-(800)382-5544	UNDERGROUND TEL WA TER LINE SANITARY SEWER L DEED RECORD BOOK 5/8" REBAR WITH C MAG NAIL SET RECORD MEA SURED RIGHT-OF-WAY UTILITY POLE FIRE HYDRANT ELECTRIC METER WA TER METER



LOT 1A-1A FIELDS PH. IV C/275		
30' S.B.L.		
10 <sup>04</sup> ->99CW		
2' C&G.		
G" C OHU OHU	MOORES	PIKE
 CW		
INGRESS, EGRESS & UTILITY EASEMENT PC HB, ENV 128		
BITE CONTROL 5, N=1421723.785, E=3120336.526, ELEV=807.54 2, N=1421808.569, E=3120687.256, ELEV=800.12 3, N=1421605.646, E=3120668.620, ELEV=790.49 BURVEY DATUM IS BASED ON INCORS NETWORK (INDIAN, REFERENCE STATION NETWORK) AND IS IN THE STATE P ELEVATION DATUM IS ALSO BASE ON THIS DATUM.	A CONTINUOUSLY OPERATING LANE COORDINATE SYSTEM.	
D BY BYNUM FANYO & ASSOCIATES INC. 528 N.	WALNUT ST. BLOOMINGTON, IN	. 47404
IANA DEPARTMENT	SCALE	BRIDGE FILE N/A
TRANSPORTATION		DESIGNATION N/A
	SURVEY BOOK	SHEETS
	II N/A	4   OT   14

CONTRACT

N/A

PROJECT

N/A

LOCATION CONTROL ROUTE SURVEY



N/A

N/A

REGISTERED A	RECOMMENDED FOR APPROVAL	2M Bar	H DESIGN ENGI	NEER	10/24/2018 DATE	INDIA OF T	
	NO. 10707540	DESIGNED: RCC	10/24/2018	DRAWN: R	×CC	10/24/2018	MAINTE
		CHECKED: LNB	10/24/2018	CHECKED:		10/24/2018	





				SCALE	BRIDGE FILE
RECOMMENDED			INDIANA DEPARTMENT		N/A
FOR APPROVAL		10/24/2018	OF TRANSPORTATION		DESIGNATION
DE	SIGN ENGINEER	DATE			N/A
		10/24/2018		SURVEY BOOK	SHEETS
DESIGNED: <u>RCC 10/24/2018</u> D				N/A	6 of 14
		10/04/0010		CONTRACT	PROJECT
CHECKED: LINB 10/24/2018 CF	HECKED: LINB	10/24/2018		N/A	N/A

									Black	oomin Resider
00+01 N - F/0 - /	W AT&T 4-4IN	ater Line Easem App. R, - F/O	ent /W F/0	- AT&	T 4-4I	N - F/O		AT&T 4-4IN - F/OF	D.N.D.	D.N.D.
W W 	G - VECTRE - BLOOMING L'33.1"E	<u>"A"</u> GTON 20 IV - W —	-	Mo	G - VE W Ore:	- BLOOMING	TON 20 IN - W	G - VECTREN - G	G - VECTREN - G	
App. R/W	E - BARE - C	<u>х х х хо х</u> — — — — — — — Н9но - тта - но	- 5HE -			<u>х с х с</u>	<u> </u>		Limits CR	Con:
<u>L</u>	ot 26					40' Bu	ilding Set Bac	ck & Utility Easement		Lot 24
Le Shadow Cre	ot 26 eek Sut	Ddivision	Grueture	ĐataTab	łe.xls	40' Bu Shad	ilding Set Bac Lot ow Creeł	ck & Utility Easement 25 & Subdivision	Shadow C	Lot 24 Treek S
La Shadow Ce	ot 26 eek Sut	Dedivision	Ftructure	DetaTab	Hervits	40' Bu Shad	ilding Set Bac LOt ow Creek	ek & Utility Easement 25 Subdivision	PE TYPE	Lot 24 reek S
Le Shadow Ce	ot 26 eek Suk	Dedivision Transpersentation STATION Line "A"	Fructure Fructure		ke.xls	40' Bu Shad	ilding Set Bac LOT OW Creek	ek & Utility Easement 25 Subdivision	PE TYPE	Lot 24 reek S
La Shadow Ce	ot 26 eek Suk	Dedivision	Fructure Fructure	DeteTab	ke.xks	40' Bu Shad	ilding Set Bac LOT OW Creek	ek & Utility Easement 25 C Subdivision PIP	PE TYPE	Lot 24 reek S
	ot 26 eek Suk	Dedivision			ke.xks	40' Bu Shad	ilding Set Bac LOT OW Creek	ek & Utility Easement 25 C Subdivision PIP	PPE TYPE	Lot 24 reek S



		STRUC	TURE	DATA							
				FLOW LIN	IE		(6			3*	
MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	UP STREAM	DOWN STREAM	TOP OF CASTING	PIPE END SECTION(S	SERVICE LIFE	BACKFILL METHOD	STR. BACKFILL, TYPE	CORE DRILLING
	LFT	т	LFT	ELEV.	ELEV.	ELEV.	EA.	YRS.		CYS	EA.
Existing				795.15	794.23	798.10					
Existing				794.23	794.20	799.58					
Inlet M10				794.20	793.98	799.00					
Existing				793.98		799.00					

curb e	REGISTERED	RECOMMENDE FOR APPROVA	ed ZN Ba	H DESIGN EN	NGINEER	<u>10/24/2018</u> DATE	INDI OF
	NO. 10707540	DESIGNED:	RCC 10/24/201	B DRAWN:_	RCC	10/24/2018	CONS
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	CONNECT TO STR.	REMARKS
•		
	2	Do Not disturb
	3	Casting, 2, Furnish and Adjust to Grade, Reconstruct Inlet for casting placement
	4	
	Outfall	Do Not Disturb

	SCALE	BRI	DGE FILE	
IANA DEPARTMENT TRANSPORTATION	1" = 20'		N/A	
		DESIGNATION		
			N/A	
][	SURVEY BOOK	SHEETS		
	N/A	7	of 14	
STRUCTION DETAILS	CONTRACT	PI	ROJECT	
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-SF-Temporary Silt FenceImage: SF-Temporary Inlet ProtectionD.N.D.Do Not DisturbU.I.P.Use In Place	Concrete Washout			

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#### Notes:

- 1. The contractor shall implement the temporary erosion control plan to minimize erosion within the construction site and to limit sediment from leaving the construction site by utilizing proper temporary erosion control systems.
- 2. Certain erosion control facilities shall be installed by the contractor at the beginning of construction. Other items shall be installed by the Contractor as approved by the Engineer on a case by case basis depending on the Contractor's sequence of activities, the time of year and expected weather conditions.
- 3. All temporary erosion control measures shall be inspected daily with weekly submitted report or after a significant rainfall event for large sediment deposits and damage. Temporary erosion control measures shall be repaired as necessary and as directed by the Engineer.
- 4. The Contractor shall install permanent erosion control systems within a time specified herein and as directed by the Engineer. The Engineer will determine if any temporary erosion control systems listed in the plans can be deleted and if any additional temporary erosion control systems, which are not included in the plans, shall be addend.
- 5. Construction equipment shall be sorted and fueled only at designated locations as determined by the Engineer. All necessary measured shall be taken to contain any fuel or pollutant in accordance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

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FROSION	10/24/2018	DRAWN: RCC	10/24/2018	RCC	DESIGNED:	NO. 10707540	
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- 6. Sediment collected during construction of various temporary erosion control systems shall be disposed of on the site on a regular basis as approved by the Engineer. No direct payment will be made.
- 7. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control measures are in place and working properly.
- 8. The temporary erosion control systems shall be removed as approved by the engineer after use is no longer needed or system is no longer functioning. The cost of this removal shall be in the unit bid price for the various temporary erosion control items.
- On-site and off-site solid stockpile and borrow areas shall be protected from erosion and sedimentation through the implementation of best management practices. Stockpile and borrow area locations shall be permitted in accordance with the permit requirements.
- 10. Temporary seeding shall be installed where additional work is not scheduled for at least seven (7) calendar days.
- 11. Temporary erosion control measures shall be installed in conjunction with Maintenance of Traffic construction staging.
- 12. Concrete washouts shall be in a contained system per the Monroe County Soil and Water Conservation District. Washouts shall not be performed directly onto the ground.

ANA DEPARTMENT	SCALE 1" = 20'	BRI	DGE FI N/A	LE
TRANSPORTATION		DESIGNATION		
		BRIDGE FILE N/A DESIGNATION N/A SHEETS 8 of PROJECT N/A		
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	SCALE     BRID       ORTATION     1" = 20'       DESIG     DESIG       SURVEY BOOK     SH       N/A     8       CONTRACT     PR       N/A     0	of	14	
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	N/A		N/A	



		.69' Rt.	+69.67.11	800.63	800.80
INDI OF <sup>-</sup>	<u>10/24/2018</u> DATE	LNL Bath DESIGN ENGINEER	RECOMMENDED FOR APPROVAL	REGISTERED	
	10/24/2018	10/24/2018 DRAWN: RCC	DESIGNED: RCC	NO. 10707540	
	10/24/2018	10/24/2018 CHECKED: LNB	CHECKED:	III SONAL EN INT	

	SCALE BRIDGE FILE			
IANA DEPARTMENT	1" = 5'	N/A		
TRANSPORTATION		DESIGNATION		
			DESIGNATION N/A	
	SURVEY BOOK	ç	<b>SHEETS</b>	
	N/A	9	of	14
	CONTRACT	RACT PROJECT		
	N/A		N/A	

## Moore's Pike

Area	(LFT)	(LFT)
A	12.0'	8.0'
B	10.0'	8.0'
Ô	7.03'/9.34'	8.0'
D	8.0'	10.0'
E	8.01'/11.06'	8.0'
F	8.19'/9.32'	10.0'

Width





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NUMBER OF A	RECOMMENDED	INDIAI OF TR		
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MAL ENIM	CHECKED: LNB 10/2	1/2018 CHECKED: LNB	10/24/2018	PROPO

				Bloomir Reside
			25'	Building Setback
10+00	Water Line Easement App. R/W	11+00		12+00
-4IN - F/O - AT&T 4-4I	N - F/O	AT&T 4-4IN - F/O - AT&T 4-4	4IN - F/O - AT&T 4-4 <u>IN</u> -	F/O - 7
G - VECT Lir W - BLOOMI S89°01'33.1"E	REN - G	G - VECTREN - G G	G - VECTREN - G G	- VECTREN - G
			Duke Energy	
App. R/W	<u> </u>	<u></u>	<u>× o x x ox x ox x ox x</u> App. R/	<del></del>
		12 de		
		40' Building Set Back & Util	lity Easement	
Lot 26		Lot 25		Lot 24 Shadow Crook 9



REGISTERED RECO	OMMENDEDBath APPROVALDESIGN ENGINEER	\$SIG_DT\$ DATE	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE 1" = 20'	BRIDGE FILE DESIGNATION
NO. 10707540	IGNED: RCC 10/24/2018 DRAWN: NGM	10/24/2018		SURVEY BOOK	SHEETS
OF IND THE CLIEF		10/24/2018	UTILITY DETAILS	CONTRACT	PROJECT
	CRED:			N/A	N/A









Concrete, Modified

UNICE N.			IM·1 D	,/			INDIANA DEPARTMENT	SCALE N T S	BRIDGE FI	LE
		21 Sath			10/24/2019		N.1.3.	DESIGNATI		
REGISTERED A	FOR APPROVAL		DESIGN ENG	GINEER	10/24/2018 DATE			N/A		
NO. 10707540		10/24/2010		10/24/2010		SURVEY BOOK	SHEETS			
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- 1 Where sidewalk is constructed immediately adjacent to non-monolithic curb, the surface of the sidewalk shall be constructed 1/2 " higher than the top of the curb.
- Patching to match existing roadsurface shall be with materials and thicknesses matching the adjacent pavement. (conc. or asphalt) this is a pay item. The cost of which is to be paid for in the bid item HMA Patching Type, B.
- Patching of paved areas behind curbs or sidewalks (ie. existing parking areas, driveways, etc.) shall be with materials and thicknesses matching said adjoining paved area. This is a non-pay item. The cost of which is to be included in the cost of curb and/or sidewalk.





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#### NOTES:

- 1. Warning signs shall have black legend and border on a yellow background.
- 2. Push button shall be APS Polara.





RECOMM FOR APE	PROVAL	10/24/2018 DATE	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE	BRIDGE FILE N/A DESIGNATION N/A
NO. 10707540 DESIGNE	D: <u>RCC 10/24/2018</u> DRAWN: <u>RCC</u>	10/24/2018	RECTANGULAR RAPID	SURVEY BOOK	SHEETS           14         of         14
CHECKEE	D: LNB 10/24/2018 CHECKED: LNB	10/24/2018	DETAILS	CONTRACT N/A	PROJECT N/A

Double Side View