



Date: **January 29, 2021**

Subject: **NO CONFLICT WORK PLAN**

Utility Relocation Work Plan for:	Duke Energy
Facility Type:	Electric Distribution

Section 1: General Information

A. INDOT/LPA Project Information

1.	Des Number.:	N/A
2.	Route Number:	7th St
3.	Location:	From B-Line Trail to Woodlawn Ave
4.	Work Type:	Add protected bike lane to existing roadway
5.	Letting Date:	1/21
6.	Date Work Plan Needed:	1/15/21
7.	Target Date for Utility to be out of conflict with INDOT Project:	Date
a.	Intermediate Phase:	N/A
b.	Intermediate Phase:	N/A

B. Utility Designated Contact – Information

1.	Designated Contact Name:	Craig Barker
2.	Office telephone:	812-277-3134
3.	Mobile telephone:	317-452-3743
4.	Email address:	Craig.Barker@duke-energy.com
5.	Agency name:	Duke Energy Indiana
6.	Address:	2929 W 16th St
7.	City, State, Zip Code:	Bedford, IN 47421
8.	Construction Emergency Contact:	
	Name:	Craig Barker
	Number:	317-452-3743

**** For Outage and Damage Issues please contact 1-800-521-2232 ****

C. By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area:

Signature of Utility Representative

Print Name

Date

Note: A signature by the utility representative at item “(C)” fulfills the requirement to complete the rest of this form and affirms their contact information above is correct



D. INDOT/LPA Utility Coordinator Contact Information

1.	Utility Coordinator Name:	Jeremy Ross
2.	Office Telephone:	317.547.5580
3.	Mobile Telephone:	317.493.6488
4.	Email Address:	utilitycoordination@structurepoint.com
5.	Agency Name:	American Structurepoint, Inc.
6.	Address:	9025 River Road, Suite 200
7.	City, State, Zip Code	Indianapolis, Indiana 46240

Section 2: A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

A. Describe what types of existing active and inactive facilities are present.

Duke Energy Lighting has:

- Existing 240V lighting with several poles and UG conductor running along the north and south side of the project limits.

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation by Duke Energy.

B. Describe the location of existing active and inactive facilities.

Duke Energy Distribution has:

- Existing 240V lighting with several poles and UG conductor running along the north and south side of the project limits.

Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation by Duke Energy.

C. Describe what will be done with existing active and inactive facilities.

- Relocating pole 166-439 approximately 30' south
- re-span conductor a long the south side of 7th st from approx.. station 40 + 00 to 49 + 00, moving it further south out of conflict with structure 115. Existing conductor will be abandoned in place.
- Relocating decorative pole located north east intersection of Dunn St & 7th. Move approximately 5 feet North. Current UG feed from the west will be abandoned in place.
- Relocating pole MNI-5443 approx. 5 feet north. Existing UG conductor will be abandoned in place.
- Relocating pole 154-685 approx. 7 feet north.

Please note excavation for Structure 107 encroaches upon Duke Lighting facilities. City of Bloomington contractors will need to take care and protect these facilities in place during excavation in this area.



Duke Energy is unable to confirm whether or not there are any underground, inactive Duke Energy facilities present. Regardless, any such inactive facilities should be considered abandoned in place, and therefore, subject to neither removal nor preservation by Duke Energy.

PLEASE REFER TO THE OSHA WEBSITE FOR ALL CLEARANCE REQUIREMENTS BASED ON THE VOLTAGE OF OUR LINES LISTED ABOVE.

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=19

WARNING: ANY ORANGE OR YELLOW COVER-UP THAT DUKE ENERGY WOULD PLACE ON THE DISTRIBUTION LINE WOULD BE FOR VISUAL IDENTIFICATION ONLY AND WILL NOT PROTECT AGAINST THE TRAVEL OF ELECTRICITY, THEREFORE ALL WIRES WOULD BE CONSIDERED BARE, UNINSULATED, AND ENERGIZED AT ALL TIMES.

IF THE CONTRACTOR WOULD LIKE VISUAL COVER INSTALLED ON THE DISTRIBUTION WIRES, THEY WILL NEED TO CONTACT THE DUKE ENERGY CALL CENTER FOR SCHEDULING AT 1.800.521.2232, MONDAY THROUGH FRIDAY FROM 7A TO 7P OR ON SATURDAY FROM 8A TO 1P.

D. Describe the details of the proposed new facilities.

- Relocating pole 166-439 approximately 30' south
- Re-span conductor a long the south side of 7th st from approx.. station 40 + 00 to 49 + 00, moving it further south out of conflict with structure 115. Existing conductor will be abandoned in place.
- Relocating decorative pole located north east intersection of Dunn St & 7th. Move approximately 5 feet North. Current UG feed from the west will be abandoned in place.
- Relocating pole MNI-5443 approx. 5 feet north. Existing UG conductor will be abandoned in place.
- Relocating pole 154-685 approx. 7 feet north.

Please note excavation for Structure 107 encroaches upon Duke Lighting facilities. City of Bloomington contractors will need to take care and protect these facilities in place during excavation in this area.

E. Describe the proposed location of the new facilities.

- Relocating pole 166-439 approximately 30' south
- re-span conductor a long the south side of 7th st from approx.. station 40 + 00 to 49 + 00, moving it further south out of conflict with structure 115. Existing conductor will be abandoned in place.
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- Relocating pole MNI-5443 approx. 5 feet north. Existing UG conductor will be abandoned in place.
- Relocating pole 154-685 approx. 7 feet north.

Please note excavation for Structure 107 encroaches upon Duke Lighting facilities. City of Bloomington contractors will need to take care and protect these facilities in place during excavation in this area.

F. By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on **ADD DATE**.



Signature of Utility Representative

Print Name

Date

Note: A signature by the utility representative at item “(F)” fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

Section 3: A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c) (2) (B)]

- (A) Duke Energy must have acquired all ROW, RR, State or Federal permits before relocation construction begins.**
- (B) Duke Energy must have acquired all private “possessory rights” needed for the approved relocation plan before relocation construction begins.**
- (C) Duke Energy will not be acquiring easements for the said project.**

Section 4: A statement whether the utility is or is not willing to allow the INDOT contractor to do the required work as part of the highway contract. [IAC 13-3-3(c) (3)]

Duke Energy Indiana is not willing to have a INDOT OR LPA’s contractor perform the required relocation.

Section 5: From the date the work plan is approved by both parties; please provide the Utility’s pre-construction scheduling information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

A.	The expected lead time in calendar days to obtain required permits:	10 days
B.	The expected lead time in calendar days to obtain materials:	10 days
C.	The expected lead time in calendar days to schedule work crews:	30 days
D.	If the contractor is being selected by competitive bid what is the date of selection?	N/A
E.	The expected lead time in calendar days to obtain new property interests:	N/A
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	Material reservation contingent on Work Plan approval. Scheduling Contingent on Notice to Proceed
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	30 days



Section 6: The Utility Construction Scheduling Information. [IAC 13-3-3(c) (4), IAC 13-3-3(c) (5)]

- A. A statement whether the facility relocation is or is not dependent on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

The removal of Duke Energy's pole(s) is dependent upon the removal of attachers to our poles. The attachers must remove their facilities before the existing poles can be removed. The existing attachers to our poles on this project are:

- (1) TELE, with a description of the required work:**

Contact all the onsite utilities for their proposed relocation plans

If the existing attacher is transferring their facilities to our new poles, the existing attacher's construction schedule may begin only after Duke Energy's relocation construction is completed. Duke Energy has no control over the start date or finish date for attachers vacating our existing poles.

- B. A statement whether the facility relocation is or is not dependent on work to be done by the INDOT or LPA or the INDOT or LPA'S contractor with a description of that work. [IAC 13-3- 3(c)(2)(A)(ii)]

Work item A

INDOT or LPA will give written notice to Duke Energy that all "possessory rights" have been acquired for the entire length of the approved work plan area before relocation construction begins.

Work item B

INDOT OR LPA will work closely with Duke Energy to safely clear all trees, shrubs and structures (from sky to ground) at INDOT OR LPA's cost, for the entire length of the approved relocation plan area, including areas sufficiently beyond the construction limits to accommodate the approved relocation work plan before relocation construction begins.

Work item C

**INDOT OR LPA will notify Duke Energy after staking:
ROW every 200 feet on the north & south side of 7th street the entire project limits.**

Work item D

INDOT OR LPA will provide signed copies of all reimbursement agreements before Relocation construction begins. NOT APPLICABLE

Work item E

INDOT OR LPA will provide Duke Energy a "Signed" work plan on or before as the ready for contracts date.

Work item F

INDOT OR LPA will provide Duke Energy a "Letter to Proceed" on or before the ready for contracts date but no event later than the required pre-construction lead time prescribed in Sections 5 F & G.

In the event that Duke Energy Indiana decides to hold, protect or guard its installed facilities before, after or during relocation construction, for the safe installation of another facility or utility, Duke Energy Indiana will notify the INDOT OR LPA immediately. Because time is of the



essence, the INDOT OR LPA and Duke Energy Indiana agree to work together to minimize costs and delays for all parties involved, and Duke Energy Indiana agrees to not proceed until an agreement is reached with the INDOT OR LPA regarding reimbursement of Duke Energy Indiana's costs for holding protecting or guarding its facilities.

- C. How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction:

Absent an agreement expediting the work between the INDOT OR LPA and Duke Energy Indiana, the earliest date when Duke Energy Indiana could begin construction.

- 1.) **If the INDOT OR LPA ROW staking and clearing is contained in the INDOT OR LPA's construction contract, Duke Energy Indiana will begin construction within 60 days after Duke Energy Indiana has received from INDOT or LPA both a "Notice to Proceed" (confirming the staking and clearing has been completed) and a fully executed Work Plan.**

If the INDOT OR LPA ROW staking and clearing is let as a separate contract, Duke Energy Indiana will begin construction within 60 days after Duke Energy Indiana has received from INDOT or LPA both a "Notice to Proceed" (confirming the staking and clearing has been completed) and a fully executed Work Plan.

If at any time within 120 days from the most current published letting date, the INDOT OR LPA changes the letting date by more than fourteen (14) days, Duke Energy Indiana reserves the right upon written notice sent by mail to the INDOT OR LPA, to provide to the INDOT OR LPA a revised work plan within 60 days from the date Duke Energy Indiana is notified of the change.

- D. The number of calendar days to complete the relocation work: **15 days**

Section 7: A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c) (6)].

See Attachment A

Section 8: For each work plan the utility shall include a cost estimate for the facility relocation. For reimbursable work the estimate will identify betterment and salvage, which is not reimbursable. [IAC 13-3-3(d)]

N/A

Section 9: For work the utility is entitled to be compensated by the Department, the work plan shall include documentation of property interests and compensable land rights. [IAC 13-3-3(d)]

N/A



Section 10: The implementation of this approved work plan is dependent upon the issuance of: (a notice to proceed will be provided when items in Section 6 are accomplished)

Items Completed	Yes	Not Applicable
An executed reimbursement agreement with INDOT/LPA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A relocation permit from INDOT/LPA:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Note: Double-click on box in Yes or NA to mark it with an "X")

Craig Barker

1-29-2021

Submitter Signature

Date

Craig Barker

Submitter Name Printed



INDOT/LPA use only below this point ----- INDOT/LPA use only below this point

The following sections are to be used by INDOT personnel to review the utility relocation work plan.

Section 11: The Department shall review the work plan to ensure that it: [IAC 13-3-3(e)]

Description	Yes	N/A	Utility Coordinator Initials
(1.a) is compatible with department permit requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>	J.P.
(1.b) is compatible with the project plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	J.P.
(1.c) is compatible with the construction schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>	J.P.
(1.d) is compatible with other utility relocation work plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	J.P.
(2.a) has reasonable relocation scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>	J.P.
(2.b) has a reasonable cost for compensable work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	J.P.

(Note: Double-click on box under Yes or N/A to mark it with an "X")

Utility Coordinator Signature

03/24/21

Date

Josshe' Palm

Utility Coordinator Name Printed

Section 12: Approved Work Plan. [IAC 13-3-3(f)]

I have reviewed the work plan and have been made aware of the schedule and budget.

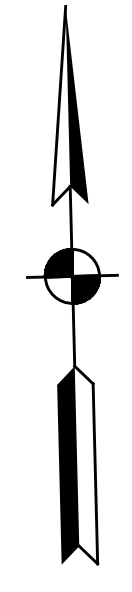
Project Manager Signature (LPA Project – ERC Signature)

3/25/21

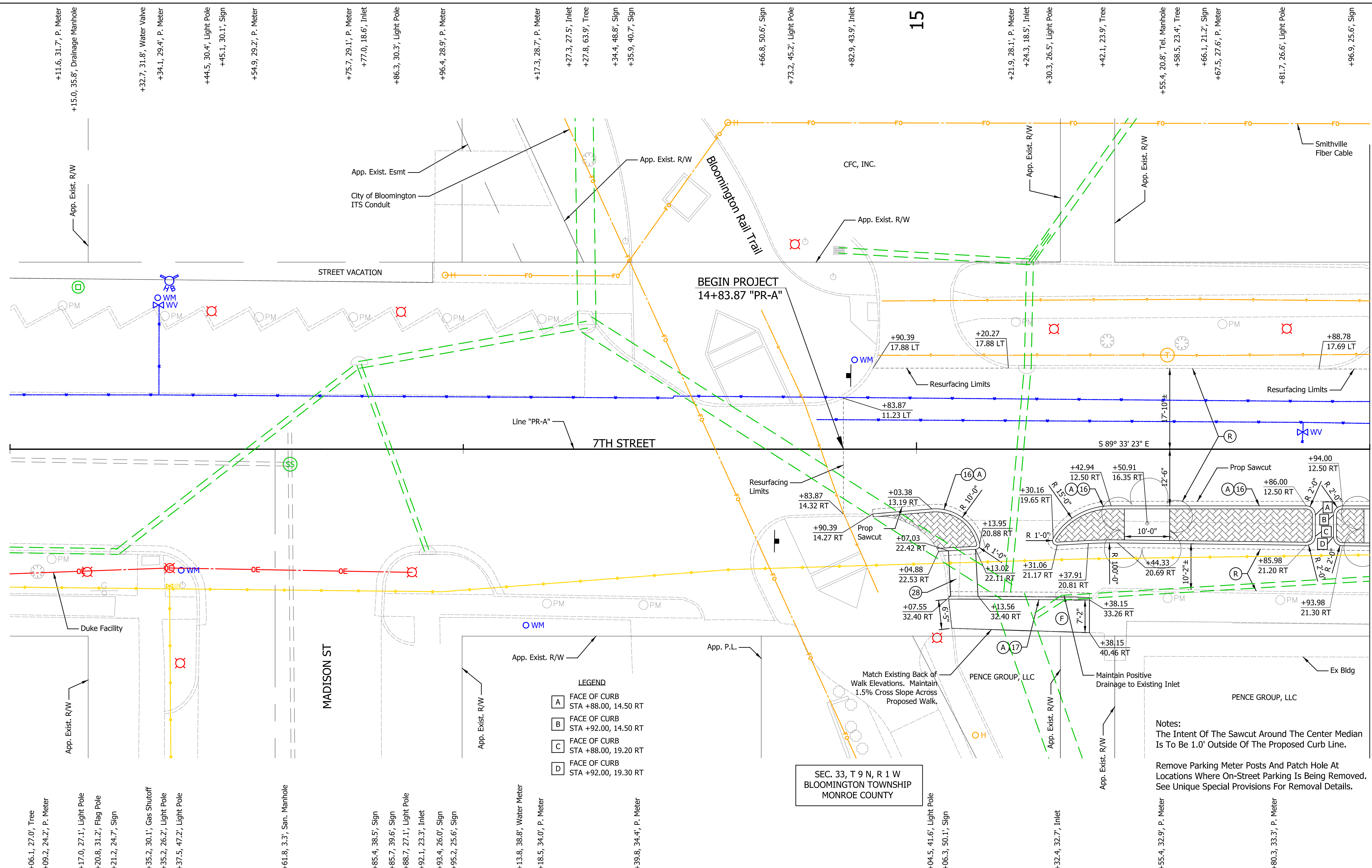
Date

Kenneth R. Olson

Project Manager Name Printed (LPA Project – ERC Name Printed)



15



BEGIN PROJECT
14+83.87 "PR-A"

- LEGEND**
- A** FACE OF CURB
STA +88.00, 14.50 RT
 - B** FACE OF CURB
STA +92.00, 14.50 RT
 - C** FACE OF CURB
STA +88.00, 19.20 RT
 - D** FACE OF CURB
STA +92.00, 19.30 RT

Notes:
The Intent Of The Sawcut Around The Center Median Is To Be 1.0' Outside Of The Proposed Curb Line.

Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

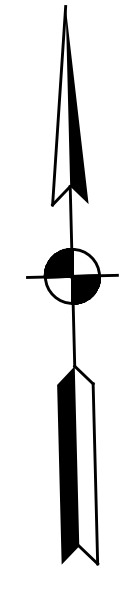
- (K)** Widening with HMA, Type C (See Typical Sections)
- (M)** PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., on Subgrade Treatment Type II
- (F)** Concrete Sidewalk, 4"
- (R)** Mill and Resurface (See Typical Sections)
- (A)** Concrete Patch (See Typical Sections)
- (13)** Concrete Curb (Vertical)
- (16)** Concrete Curb, Type B (Sloping)
- (17)** Concrete Curb, Type B (Sloping) (Depressed)
- (22)** Concrete Center Curb, Type D (Modified)
- (28)** Raised Pedestrian Crossing (See Miscellaneous Details)
- Concrete Center Curb, Type D (Modified)
- Stamped and Integrally Colored Concrete
- Sodding, Nursery
- Bus Stop
- Intermediate Bike Lane
- Proposed Rain Garden Location

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

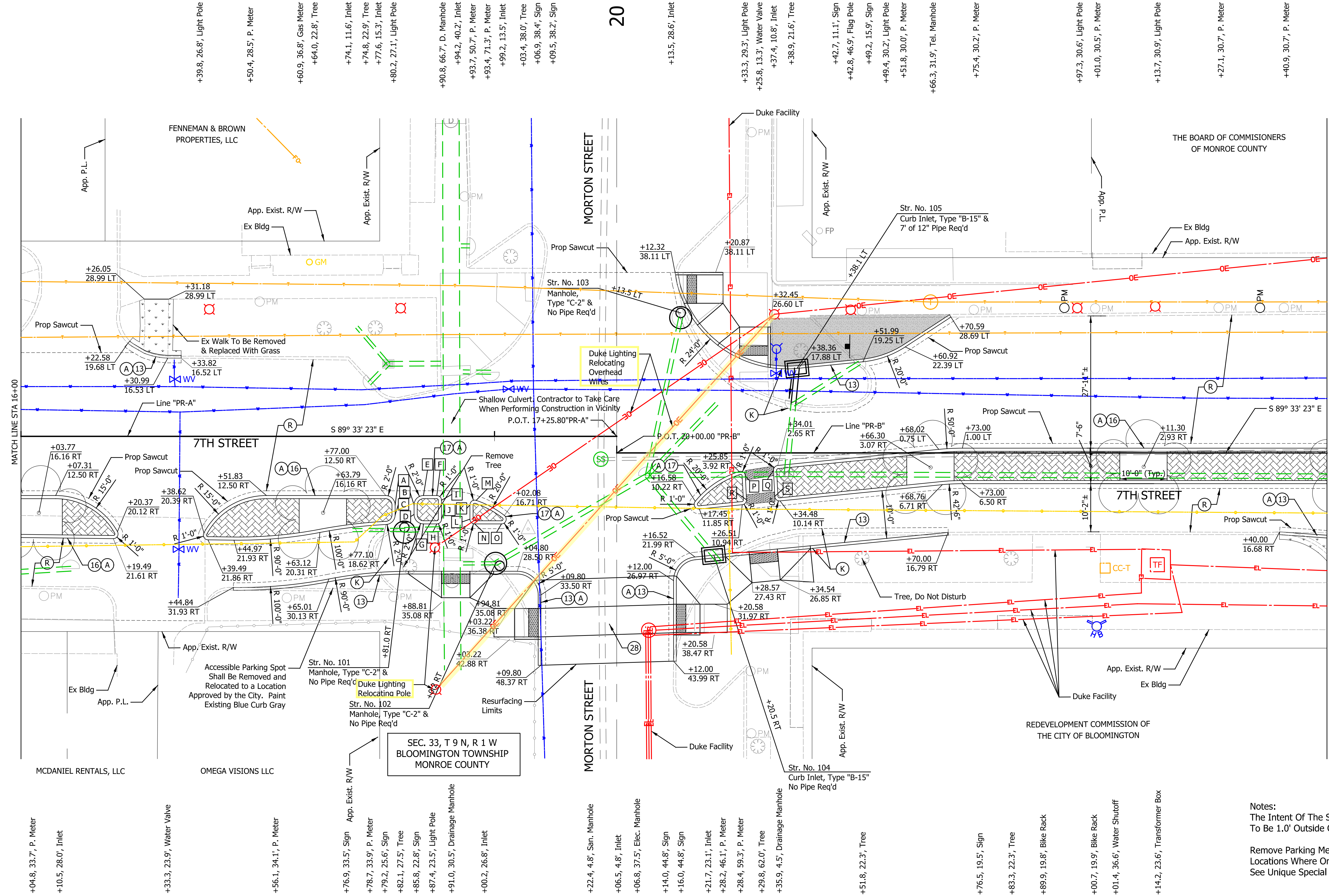
CITY OF BLOOMINGTON
CONSTRUCTION DETAILS
7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	1 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility All_Color.tbl



20



LEGEND

A	FACE OF CURB, STA +79.00, 14.50 RT
B	FACE OF CURB, STA +83.00, 14.50 RT
C	FACE OF CURB, STA +79.00, 16.63 RT
D	FACE OF CURB, STA +83.00, 16.50 RT
E	FACE OF CURB, STA +85.00, 12.50 RT
F	FACE OF CURB, STA +87.81, 12.50 RT
G	FACE OF CURB, STA +85.00, 18.50 RT
H	FACE OF CURB, STA +87.81, 18.50 RT
I	FACE OF CURB, STA +88.81, 13.50 RT
J	FACE OF CURB, STA +88.81, 17.50 RT
K	FACE OF CURB, STA +94.81, 14.47 RT
L	FACE OF CURB, STA +94.81, 17.50 RT
M	FACE OF CURB, STA +96.12, 13.52 RT
N	FACE OF CURB, STA +95.81, 18.50 RT
O	FACE OF CURB, STA +01.47, 18.50 RT
P	FACE OF CURB, STA +27.16, 4.83 RT
Q	FACE OF CURB, STA +33.11, 3.70 RT
R	FACE OF CURB, STA +27.41, 9.90 RT
S	FACE OF CURB, STA +33.38, 9.20 RT

Notes:
 The Intent Of The Sawcut Around The Center Median Is To Be 1.0' Outside Of The Proposed Curb Line.
 Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	(13) Concrete Curb (Vertical)	(16) Concrete Curb, Type B (Sloping)	[Symbol] Concrete Center Curb, Type D (Modified)	[Symbol] Bus Stop
(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., om Subgrade Treatment Type II	(17) Concrete Curb, Type B (Sloping) (Depressed)	(22) Concrete Center Curb, Type D (Modified)	(28) Raised Pedestrian Crossing (See Miscellaneous Details)	[Symbol] Stamped and Integrally Colored Concrete	[Symbol] Intermediate Bike Lane
(F) Concrete Sidewalk, 4"	(27) Concrete Center Curb, Type D (Modified)	[Symbol] Sooding, Nursery		[Symbol] Proposed Rain Garden Location	
(R) Mill and Resurface (See Typical Sections)					

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

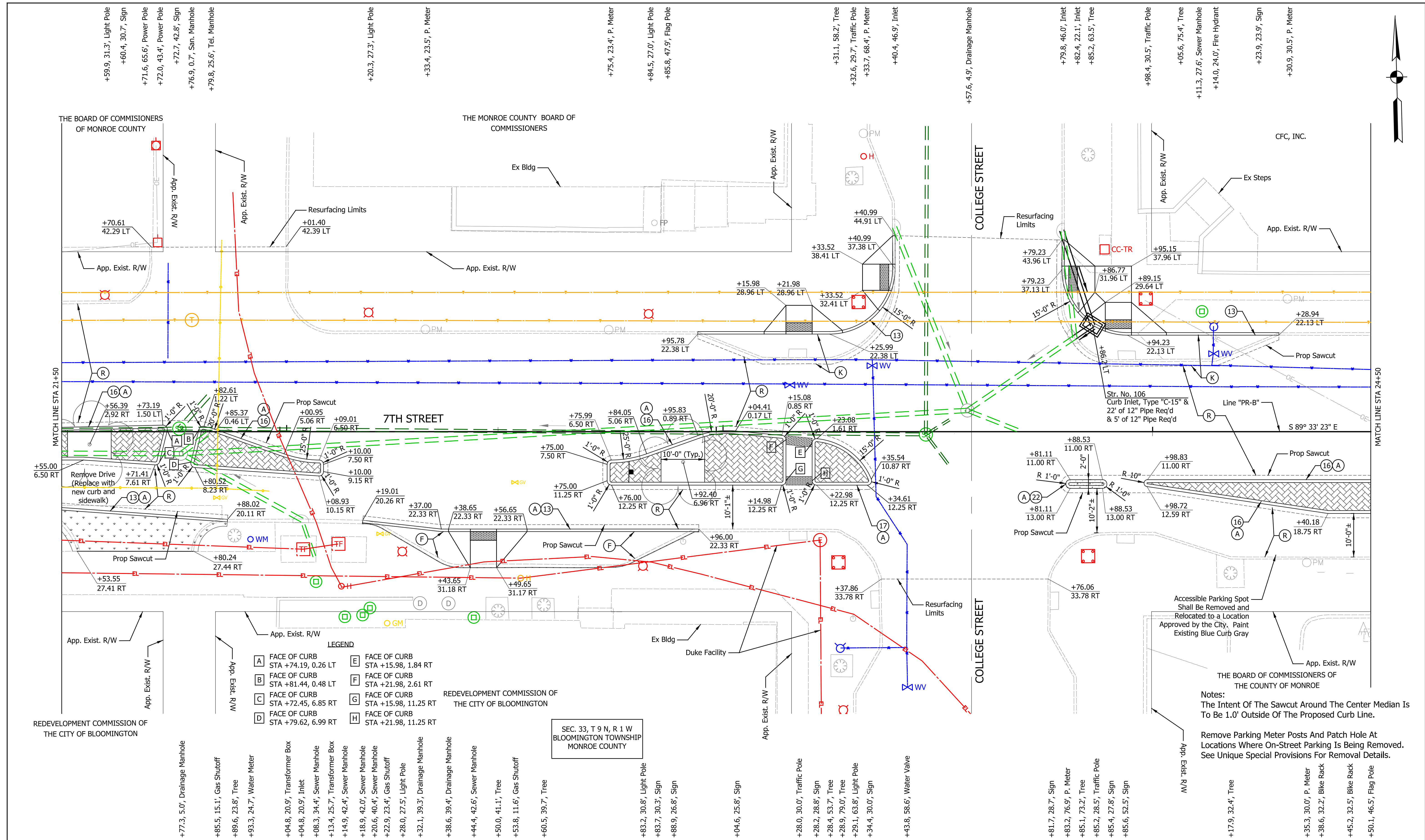
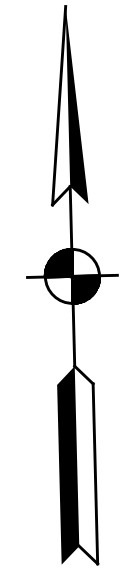
CITY OF BLOOMINGTON

CONSTRUCTION DETAILS

7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	2 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility All_Color.tbl



- (K) Widening with HMA, Type C (See Typical Sections)
- (M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., om Subgrade Treatment Type II
- (F) Concrete Sidewalk, 4"
- (R) Mill and Resurface (See Typical Sections)

- (A) Concrete Patch (See Typical Sections)
- (13) Concrete Curb (Vertical)
- (16) Concrete Curb, Type B (Sloping)
- (17) Concrete Curb, Type B (Sloping) (Depressed)
- (22) Concrete Center Curb, Type D (Modified)
- (28) Raised Pedestrian Crossing (See Miscellaneous Details)

- Concrete Center Curb, Type D (Modified)
- Stamped and Integrally Colored Concrete
- Sodding, Nursery
- Bus Stop
- Intermediate Bike Lane
- Proposed Rain Garden Location

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

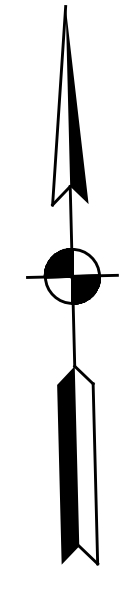
CITY OF BLOOMINGTON

CONSTRUCTION DETAILS

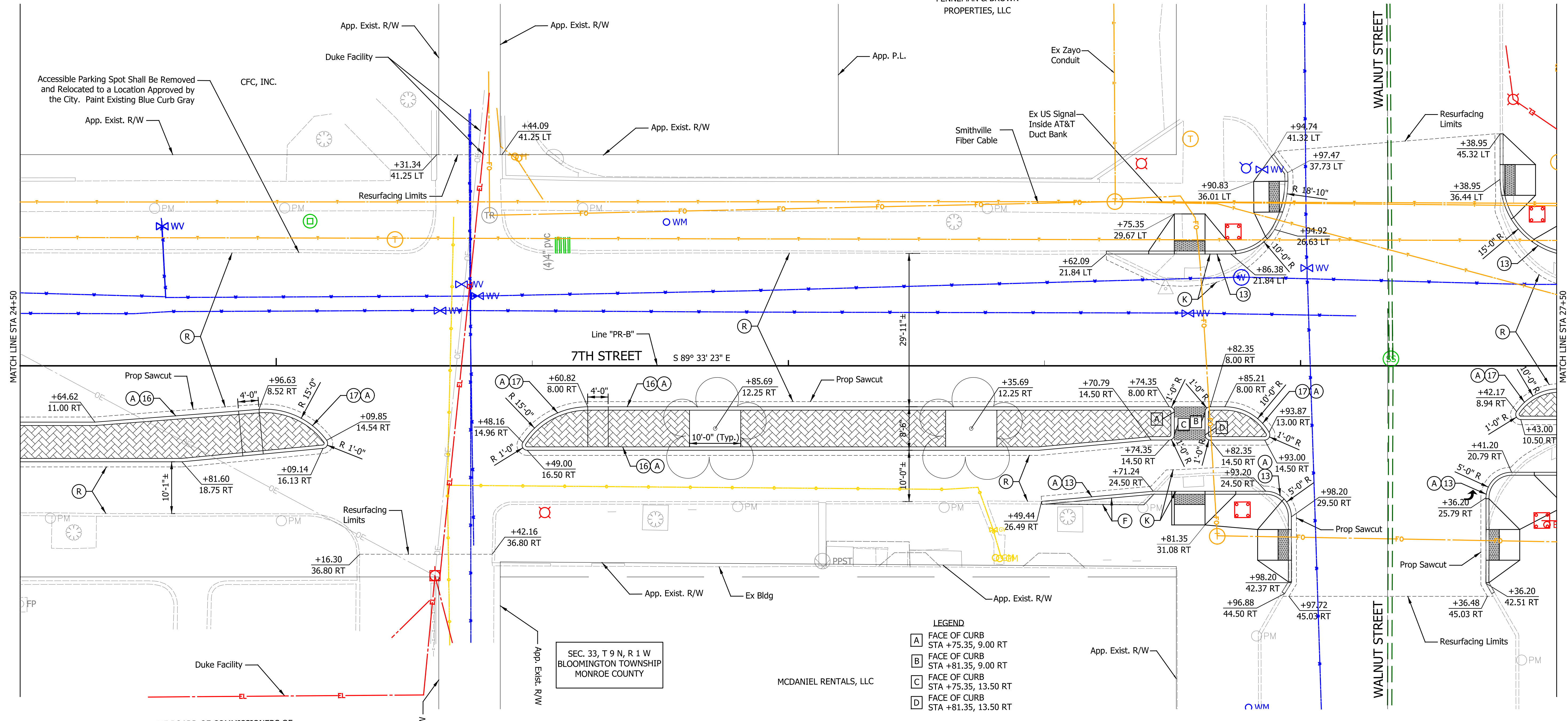
7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	3 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility Aerial Color.tbl
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+76.3, 30.8', P. Meter
+77.8, 27.3', Water Valve
+01.6, 30.8', P. Meter
25
+06.6, 28.3', Sewer Manhole
+06.9, 26.9', Sign
+09.3, 44.3', Tree
+23.2, 24.7', Tel. Manhole
+25.8, 52.0', Tree
+32.0, 10.8', Water Valve
+36.2, 15.9', Water Valve
+39.3, 13.6', Water Valve
+41.7, 29.4', Traffic Manhole
+49.5, 27.3', Sign
+50.4, 27.2', Sign
+54.2, 40.4', Inlet
+55.6, 24.5', Drainage Pipe
+59.8, 30.8', P. Meter
+76.2, 28.1', Water Meter
+78.7, 24.5', Sign
+32.3, 28.1', Tree
+38.8, 30.7', P. Meter
+63.7, 32.1', Tel. Manhole
+68.9, 39.5', Light Pole
+73.8, 42.3', Sign
+73.9, 43.1', Sign
+78.0, 10.3', Water Valve
+78.5, 44.3', Tel. Manhole
+86.9, 26.2', Traffic Pole
+88.4, 17.3', Water Manhole
+89.4, 38.6', Fire Hydrant
+92.5, 38.4', Water Valve
+01.2, 19.1', Water Valve
+17.6, 1.4', Sanitary Sewer
+41.5, 52.1', Light Pole
+46.2, 29.6', Traffic Pole
+50.3, 39.8', Tel. Manhole



- LEGEND**
- A FACE OF CURB STA +75.35, 9.00 RT
 - B FACE OF CURB STA +81.35, 9.00 RT
 - C FACE OF CURB STA +75.35, 13.50 RT
 - D FACE OF CURB STA +81.35, 13.50 RT

Notes:
The Intent Of The Sawcut Around The Center Median Is To Be 1.0' Outside Of The Proposed Curb Line.

Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

- (K) Widening with HMA, Type C (See Typical Sections)
- (M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., on Subgrade Treatment Type II
- (F) Concrete Sidewalk, 4"
- (R) Mill and Resurface (See Typical Sections)

- (A) Concrete Patch (See Typical Sections)
- (13) Concrete Curb (Vertical)
- (16) Concrete Curb, Type B (Sloping)
- (17) Concrete Curb, Type B (Sloping) (Depressed)
- (22) Concrete Center Curb, Type D (Modified)
- (28) Raised Pedestrian Crossing (See Miscellaneous Details)

- Concrete Center Curb, Type D (Modified)
- Stamped and Integrally Colored Concrete
- Sooding, Nursery
- Bus Stop
- Intermediate Bike Lane
- Proposed Rain Garden Location

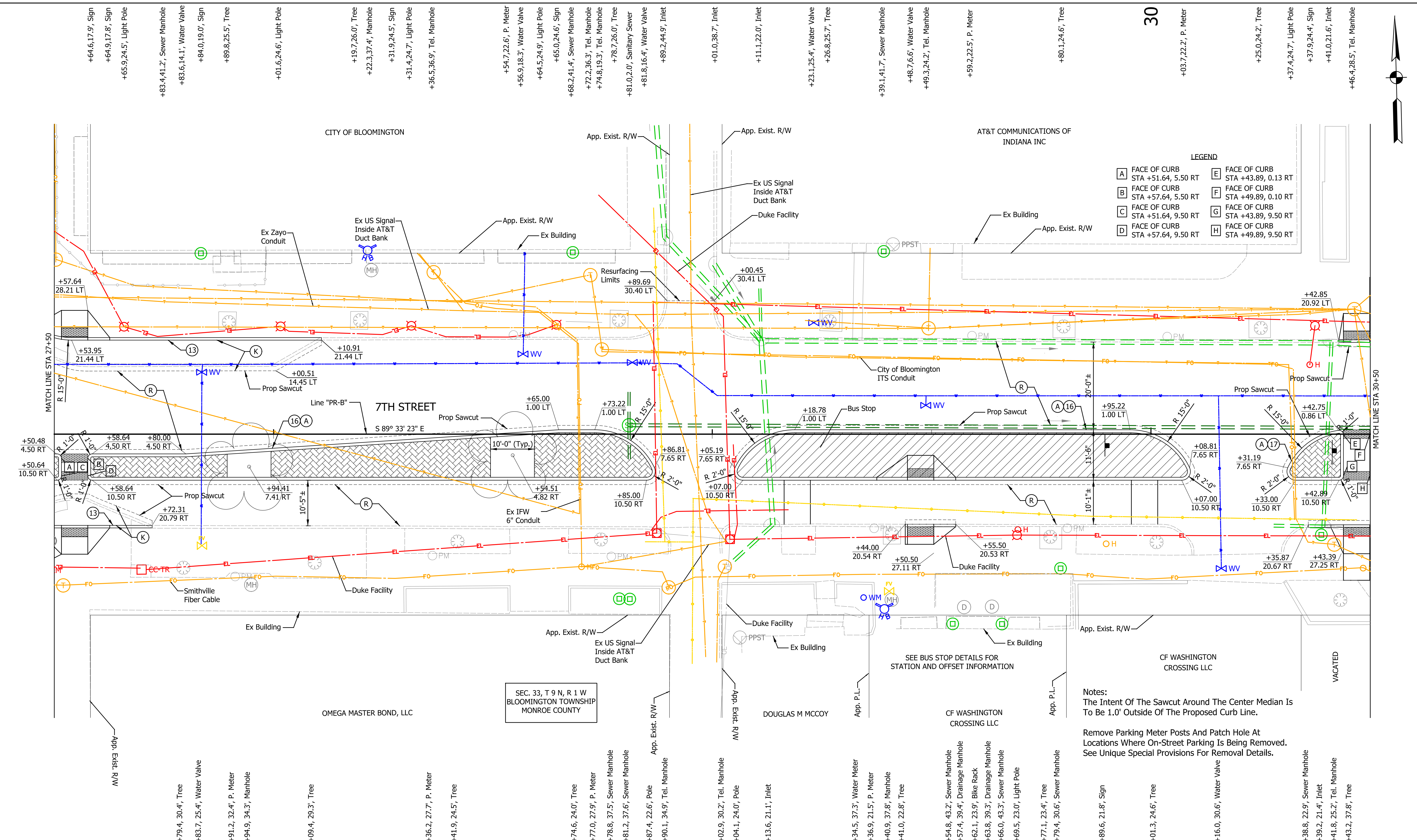
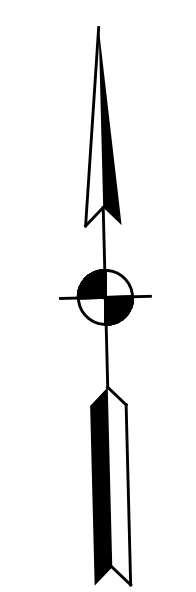
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

CITY OF BLOOMINGTON

CONSTRUCTION DETAILS

7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	4 of 82
CONTRACT	PROJECT
N/A	2018.02336



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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

CITY OF BLOOMINGTON

CONSTRUCTION DETAILS

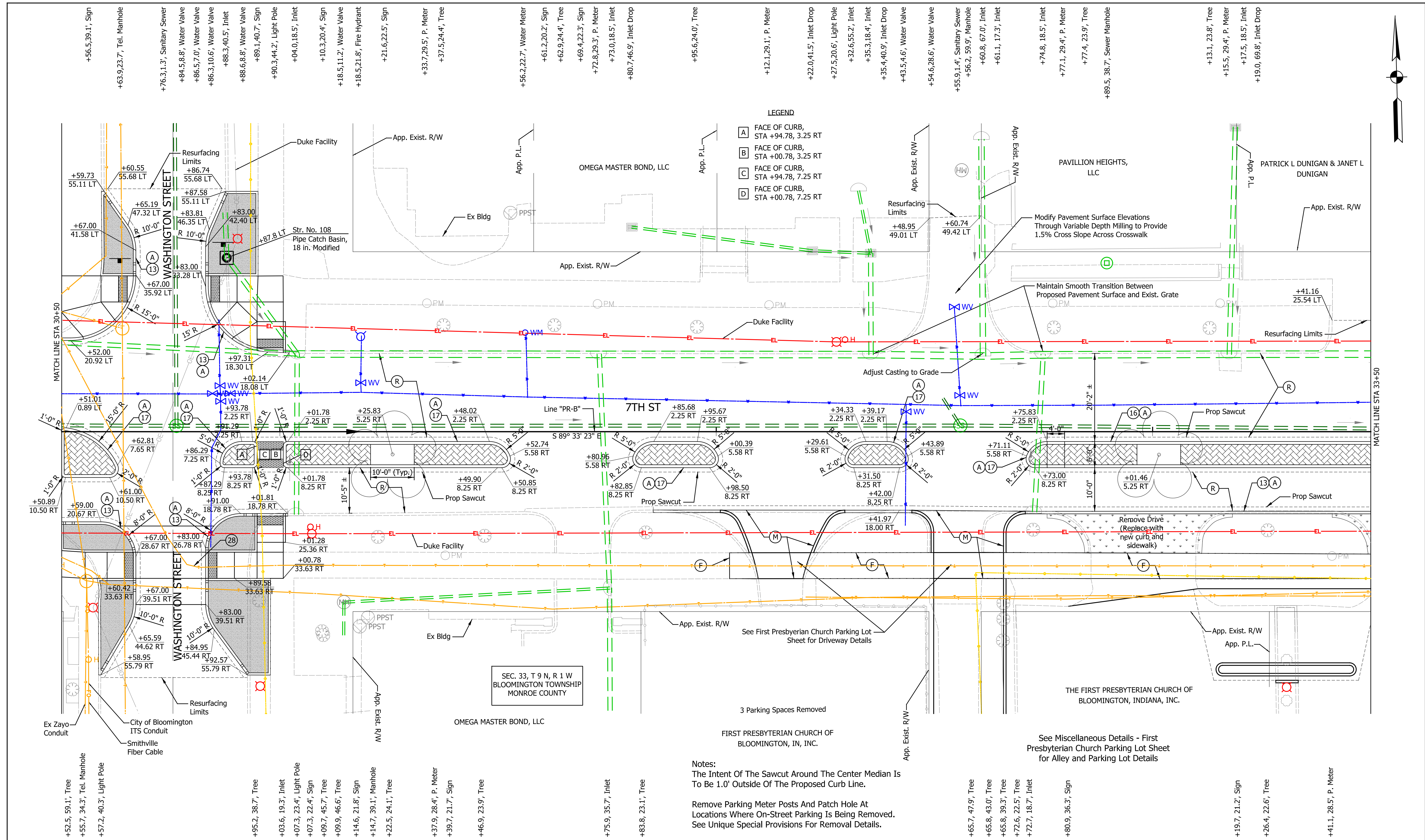
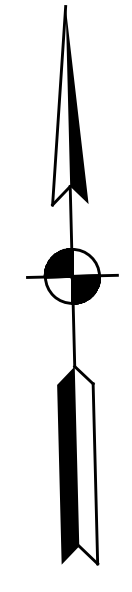
7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	5 of 82
CONTRACT	PROJECT
N/A	2018.02336

Notes:
The Intent Of The Sawcut Around The Center Median Is To Be 1.0' Outside Of The Proposed Curb Line.

Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

SEC. 33, T 9 N, R 1 W
BLOOMINGTON TOWNSHIP
MONROE COUNTY



(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	[Symbol] Concrete Center Curb, Type D (Modified)	[Symbol] Bus Stop
(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., om Subgrade Treatment Type II	(13) Concrete Curb (Vertical)	[Symbol] Stamped and Integrally Colored Concrete	[Symbol] Intermediate Bike Lane
(F) Concrete Sidewalk, 4"	(16) Concrete Curb, Type B (Sloping)	[Symbol] Sodding, Nursery	[Symbol] Proposed Rain Garden Location
(R) Mill and Resurface (See Typical Sections)	(17) Concrete Curb, Type B (Sloping) (Depressed)		
	(22) Concrete Center Curb, Type D (Modified)		
	(28) Raised Pedestrian Crossing (See Miscellaneous Details)		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

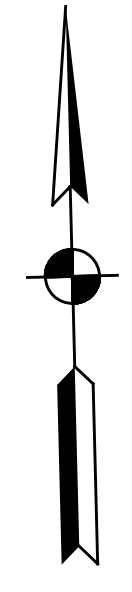
CITY OF BLOOMINGTON

CONSTRUCTION DETAILS

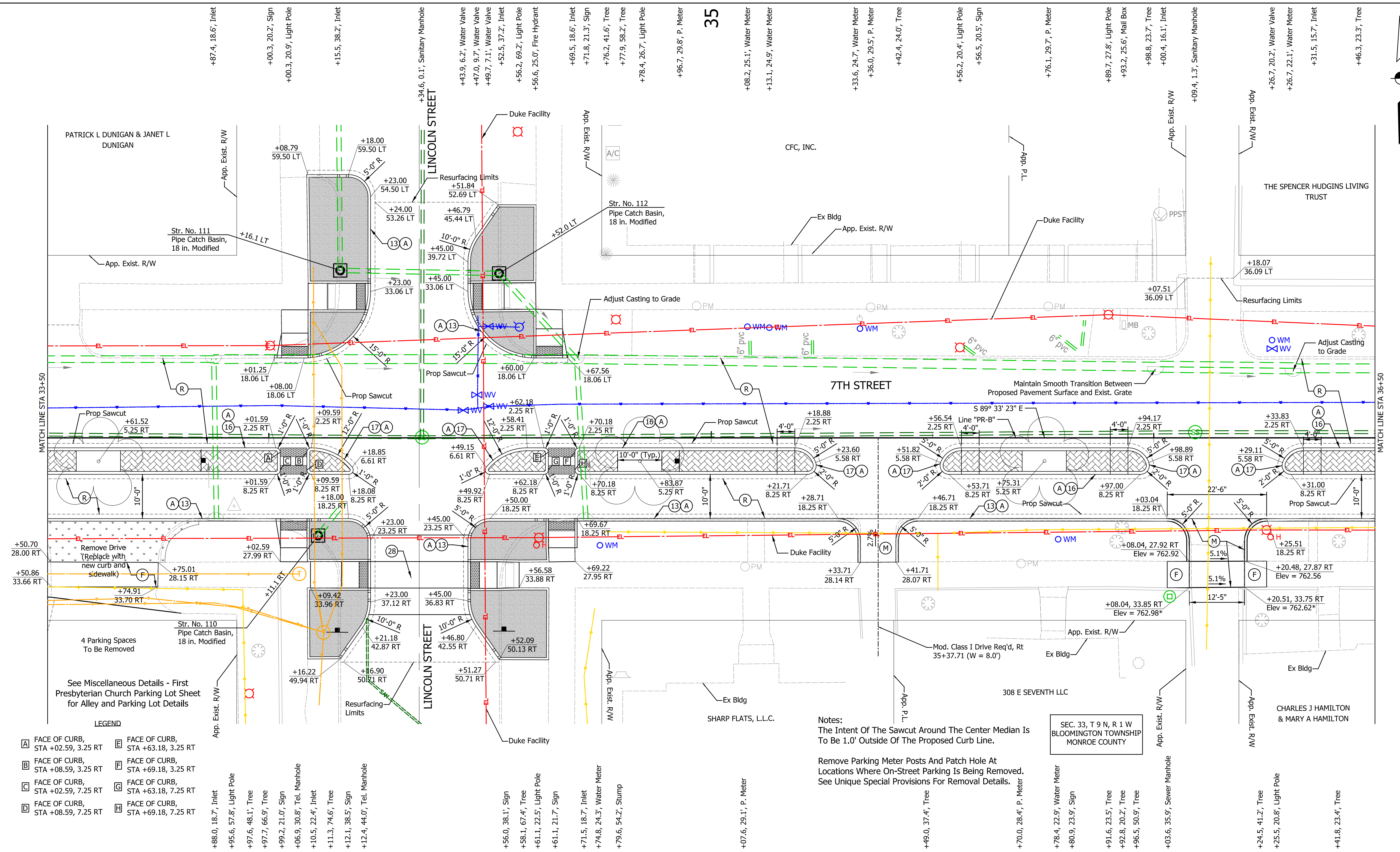
7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	6 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility All_Color.tbl
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35



- LEGEND**
- (A) FACE OF CURB, STA +02.59, 3.25 RT
 - (B) FACE OF CURB, STA +08.59, 3.25 RT
 - (C) FACE OF CURB, STA +02.59, 7.25 RT
 - (D) FACE OF CURB, STA +08.59, 7.25 RT
 - (E) FACE OF CURB, STA +63.18, 3.25 RT
 - (F) FACE OF CURB, STA +69.18, 3.25 RT
 - (G) FACE OF CURB, STA +63.18, 7.25 RT
 - (H) FACE OF CURB, STA +69.18, 7.25 RT
 - (I) Inlet
 - (J) Light Pole
 - (K) Tree
 - (L) Sign
 - (M) Tel. Manhole
 - (N) Inlet
 - (O) Tree
 - (P) Sign
 - (Q) Tel. Manhole

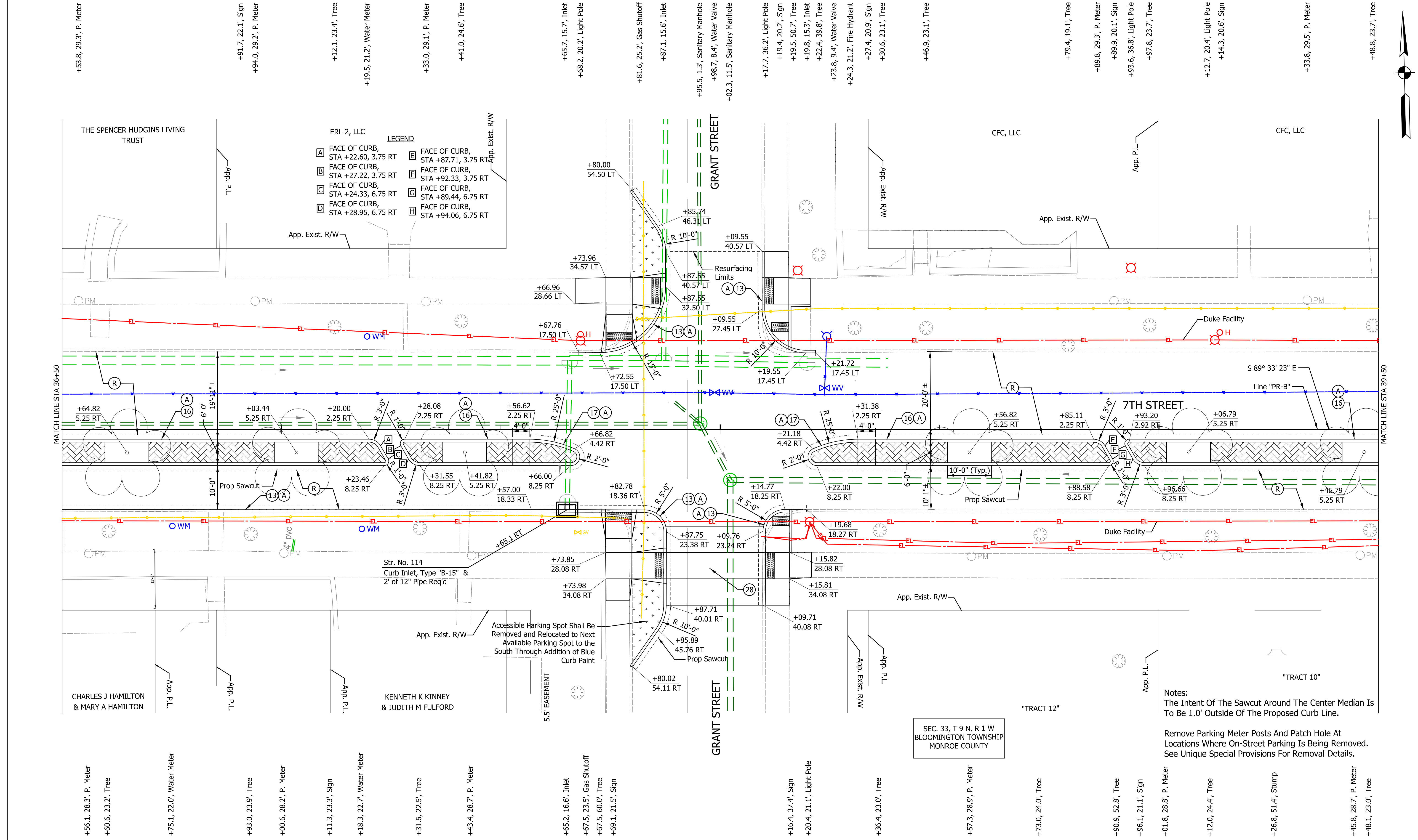
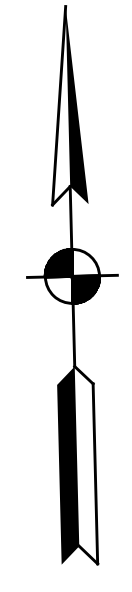
- (R) Concrete Patch (See Typical Sections)
- (13) Concrete Curb (Vertical)
- (16) Concrete Curb, Type B (Sloping)
- (17) Concrete Curb, Type B (Sloping) (Depressed)
- (22) Concrete Center Curb, Type D (Modified)
- (28) Raised Pedestrian Crossing (See Miscellaneous Details)
- Concrete Center Curb, Type D (Modified)
- Stamped and Integrally Colored Concrete
- Sodding, Nursery
- Bus Stop
- Intermediate Bike Lane
- Proposed Rain Garden Location

Notes:
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 Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: MTL	DRAWN: MRO			
CHECKED: NRM	CHECKED: MTL			

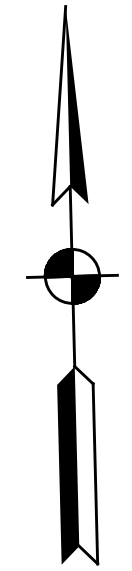
CITY OF
 BLOOMINGTON
 CONSTRUCTION DETAILS
 7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	7 of 82
CONTRACT	PROJECT
N/A	2018.02336

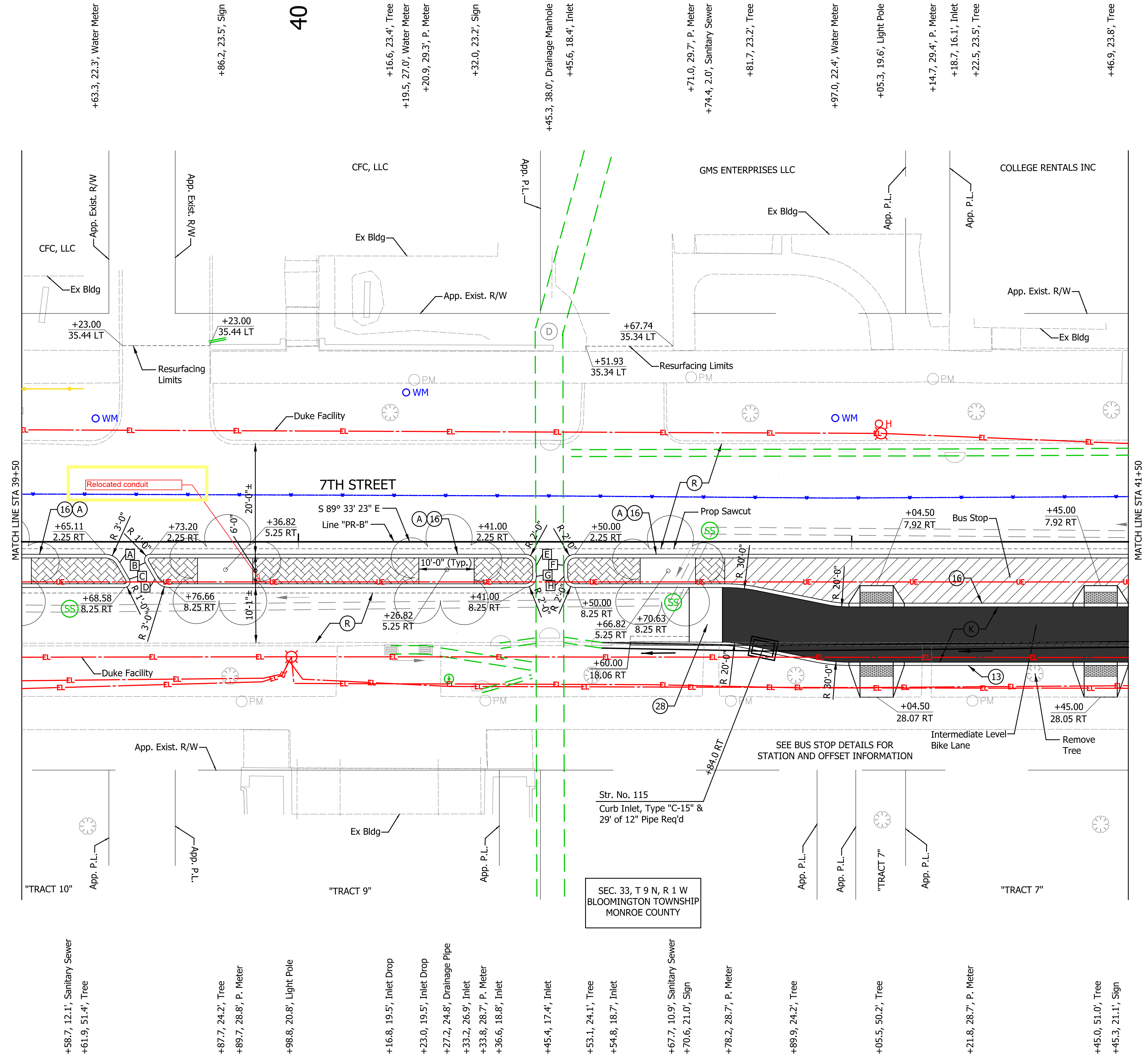


<p>(K) Widening with HMA, Type C (See Typical Sections)</p> <p>(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., on Subgrade Treatment Type II</p> <p>(F) Concrete Sidewalk, 4"</p> <p>(R) Mill and Resurface (See Typical Sections)</p>	<p>(A) Concrete Patch (See Typical Sections)</p> <p>(13) Concrete Curb (Vertical)</p> <p>(16) Concrete Curb, Type B (Sloping)</p> <p>(17) Concrete Curb, Type B (Sloping) (Depressed)</p> <p>(22) Concrete Center Curb, Type D (Modified)</p> <p>(28) Raised Pedestrian Crossing (See Miscellaneous Details)</p>	<p>Concrete Center Curb, Type D (Modified)</p> <p>Stamped and Integrally Colored Concrete</p> <p>Sodding, Nursery</p> <p>Bus Stop</p> <p>Intermediate Bike Lane</p> <p>Proposed Rain Garden Location</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGN ENGINEER _____ DATE _____</p> <p>DESIGNED: _____ MTL _____ DRAWN: _____ MRO _____</p> <p>CHECKED: _____ NRM _____ CHECKED: _____ MTL _____</p>	<p>CITY OF BLOOMINGTON</p> <p>CONSTRUCTION DETAILS</p> <p>7TH STREET</p>	<table border="1"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 10'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td>N/A</td> <td>8 of 82</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>N/A</td> <td>2018.02336</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 10'	N/A	VERTICAL SCALE	DESIGNATION	N/A	N/A	SURVEY BOOK	SHEETS	N/A	8 of 82	CONTRACT	PROJECT	N/A	2018.02336
HORIZONTAL SCALE	BRIDGE FILE																				
1" = 10'	N/A																				
VERTICAL SCALE	DESIGNATION																				
N/A	N/A																				
SURVEY BOOK	SHEETS																				
N/A	8 of 82																				
CONTRACT	PROJECT																				
N/A	2018.02336																				

Indiana Utility Aerial Color.tbl
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40



- LEGEND**
- [A] FACE OF CURB
STA +67.71, 3.75 RT
 - [B] FACE OF CURB
STA +72.33, 3.75 RT
 - [C] FACE OF CURB
STA +69.44, 6.75 RT
 - [D] FACE OF CURB
STA +74.06, 6.75 RT
 - [E] FACE OF CURB
STA +43.00, 4.25 RT
 - [F] FACE OF CURB
STA +48.00, 4.25 RT
 - [G] FACE OF CURB
STA +43.00, 6.25 RT
 - [H] FACE OF CURB
STA +48.00, 6.25 RT

Str. No. 115
Curb Inlet, Type "C-15" &
29' of 12" Pipe Req'd

SEC. 33, T 9 N, R 1 W
BLOOMINGTON TOWNSHIP
MONROE COUNTY

SEE BUS STOP DETAILS FOR
STATION AND OFFSET INFORMATION

Notes:
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Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	[Pattern] Concrete Center Curb, Type D (Modified)	[Pattern] Bus Stop
(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., on Subgrade Treatment Type II	(13) Concrete Curb (Vertical)	[Pattern] Stamped and Integrally Colored Concrete	[Pattern] Intermediate Bike Lane
(F) Concrete Sidewalk, 4"	(16) Concrete Curb, Type B (Sloping)	[Pattern] Sooding, Nursery	[Pattern] Proposed Rain Garden Location
(R) Mill and Resurface (See Typical Sections)	(17) Concrete Curb, Type B (Sloping) (Depressed)		
	(22) Concrete Center Curb, Type D (Modified)		
	(28) Raised Pedestrian Crossing (See Miscellaneous Details)		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

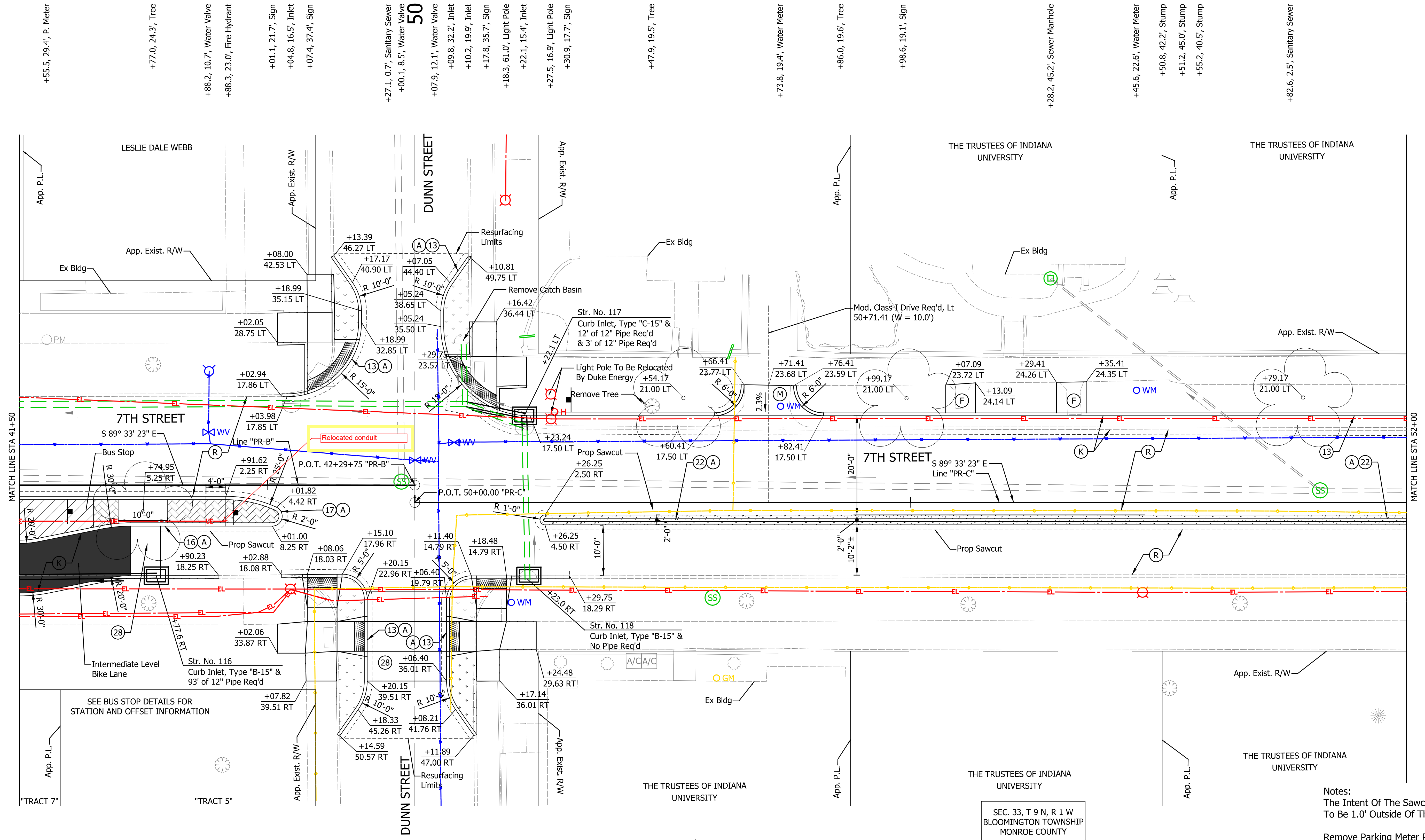
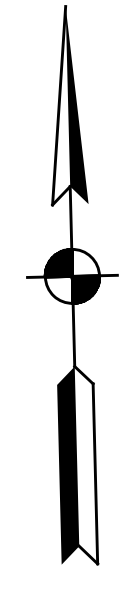
CITY OF BLOOMINGTON

CONSTRUCTION DETAILS

7TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	9 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility All_Color.tbl
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+55.5, 29.4', P. Meter

+77.0, 24.3', Tree

+88.2, 10.7', Water Valve
+88.3, 23.0', Fire Hydrant

+01.1, 21.7', Sign
+04.8, 16.5', Inlet
+07.4, 37.4', Sign

+27.1, 0.7', Sanitary Sewer
+00.1, 8.5', Water Valve

50
+07.9, 12.1', Water Valve
+09.8, 32.2', Inlet
+10.2, 19.9', Inlet
+17.8, 35.7', Sign
+18.3, 61.0', Light Pole
+22.1, 15.4', Inlet
+27.5, 16.9', Light Pole
+30.9, 17.7', Sign

+47.9, 19.5', Tree

+73.8, 19.4', Water Meter

+86.0, 19.6', Tree

+98.6, 19.1', Sign

+28.2, 45.2', Sewer Manhole

+45.6, 22.6', Water Meter
+50.8, 42.2', Stump
+51.2, 45.0', Stump
+55.2, 40.5', Stump

+82.6, 2.5', Sanitary Sewer

MATCH LINE STA 41+50

MATCH LINE STA 52+00

SEC. 33, T 9 N, R 1 W
BLOOMINGTON TOWNSHIP
MONROE COUNTY

Notes:
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Remove Parking Meter Posts And Patch Hole At Locations Where On-Street Parking Is Being Removed. See Unique Special Provisions For Removal Details.

+76.1, 23.8', Tree

+87.3, 22.9', Sign
+90.9, 56.4', Tree

+01.6, 21.3', Sign
+04.7, 21.0', Light Pole

+19.5, 20.2', Water Meter
+22.7, 15.5', Inlet

+29.4, 32.2', Bush

+38.8, 32.5', Bush
+44.2, 31.9', A/C Unit
+47.3, 32.0', A/C Unit

+60.1, 19.2', Sanitary Sewer
+60.9, 35.4', Gas Meter
+64.4, 32.4', Bush
+66.9, 19.8', Tree

+99.4, 19.6', Sign

+11.6, 20.5', Tree

+46.8, 18.1', Light Pole
+52.2, 37.4', Tree

+66.4, 20.3', Tree

+83.3, 17.8', Sign

+94.3, 43.0', Tree

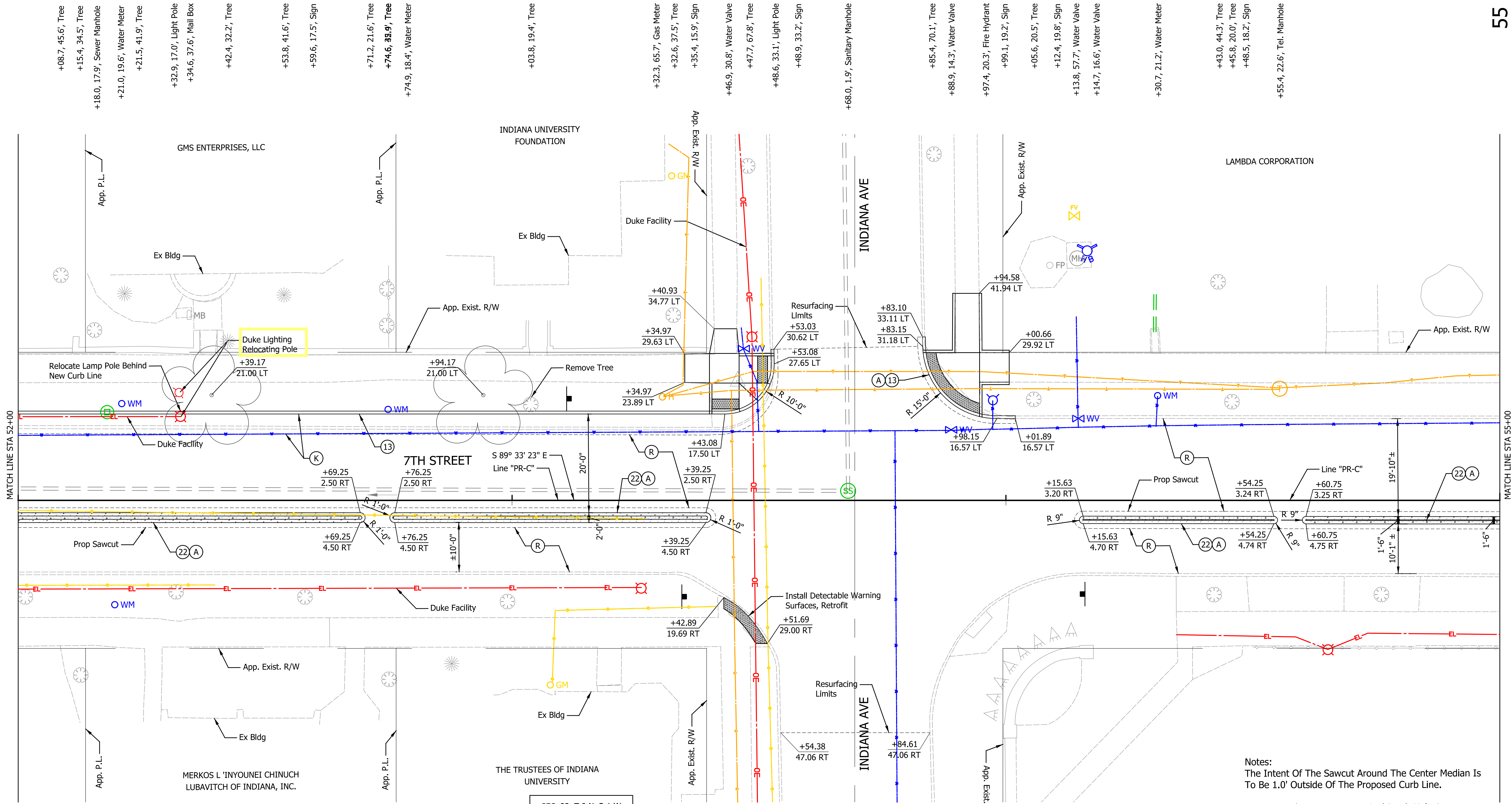
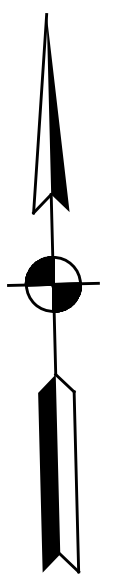
(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	[Pattern] Concrete Center Curb, Type D (Modified)	[Pattern] Bus Stop
(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., om Subgrade Treatment Type II	(13) Concrete Curb (Vertical)	[Pattern] Stamped and Integrally Colored Concrete	[Pattern] Intermediate Bike Lane
(F) Concrete Sidewalk, 4"	(16) Concrete Curb, Type B (Sloping)	[Pattern] Sooding, Nursery	[Pattern] Proposed Rain Garden Location
(R) Mill and Resurface (See Typical Sections)	(17) Concrete Curb, Type B (Sloping) (Depressed)		
	(22) Concrete Center Curb, Type D (Modified)		
	(28) Raised Pedestrian Crossing (See Miscellaneous Details)		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

CITY OF BLOOMINGTON	
CONSTRUCTION DETAILS	
7TH STREET	

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	10 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility All_Color.tbl
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+08.7, 45.6', Tree
 +15.4, 34.5', Tree
 +18.0, 17.9', Sewer Manhole
 +21.0, 19.6', Water Meter
 +21.5, 41.9', Tree
 +32.9, 17.0', Light Pole
 +34.6, 37.6', Mail Box
 +42.4, 32.2', Tree
 +53.8, 41.6', Tree
 +59.6, 17.5', Sign
 +71.2, 21.6', Tree
 +74.6, 83.9', Tree
 +74.9, 18.4', Water Meter

+03.8, 19.4', Tree
 +32.3, 65.7', Gas Meter
 +32.6, 37.5', Tree
 +35.4, 15.9', Sign
 +46.9, 30.8', Water Valve
 +47.7, 67.8', Tree
 +48.6, 33.1', Light Pole
 +48.9, 33.2', Sign
 +68.0, 1.9', Sanitary Manhole

+85.4, 70.1', Tree
 +88.9, 14.3', Water Valve
 +97.4, 20.3', Fire Hydrant
 +99.1, 19.2', Sign
 +05.6, 20.5', Tree
 +12.4, 19.8', Sign
 +13.8, 57.7', Water Valve
 +14.7, 16.6', Water Valve
 +30.7, 21.2', Water Meter
 +43.0, 44.3', Tree
 +45.8, 20.0', Tree
 +48.5, 18.2', Sign
 +55.4, 22.6', Tel. Manhole

MATCH LINE STA 52+00

MATCH LINE STA 55+00

SEC. 33, T 9 N, R 1 W
 BLOOMINGTON TOWNSHIP
 MONROE COUNTY

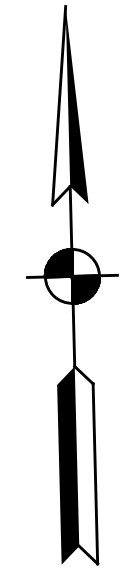
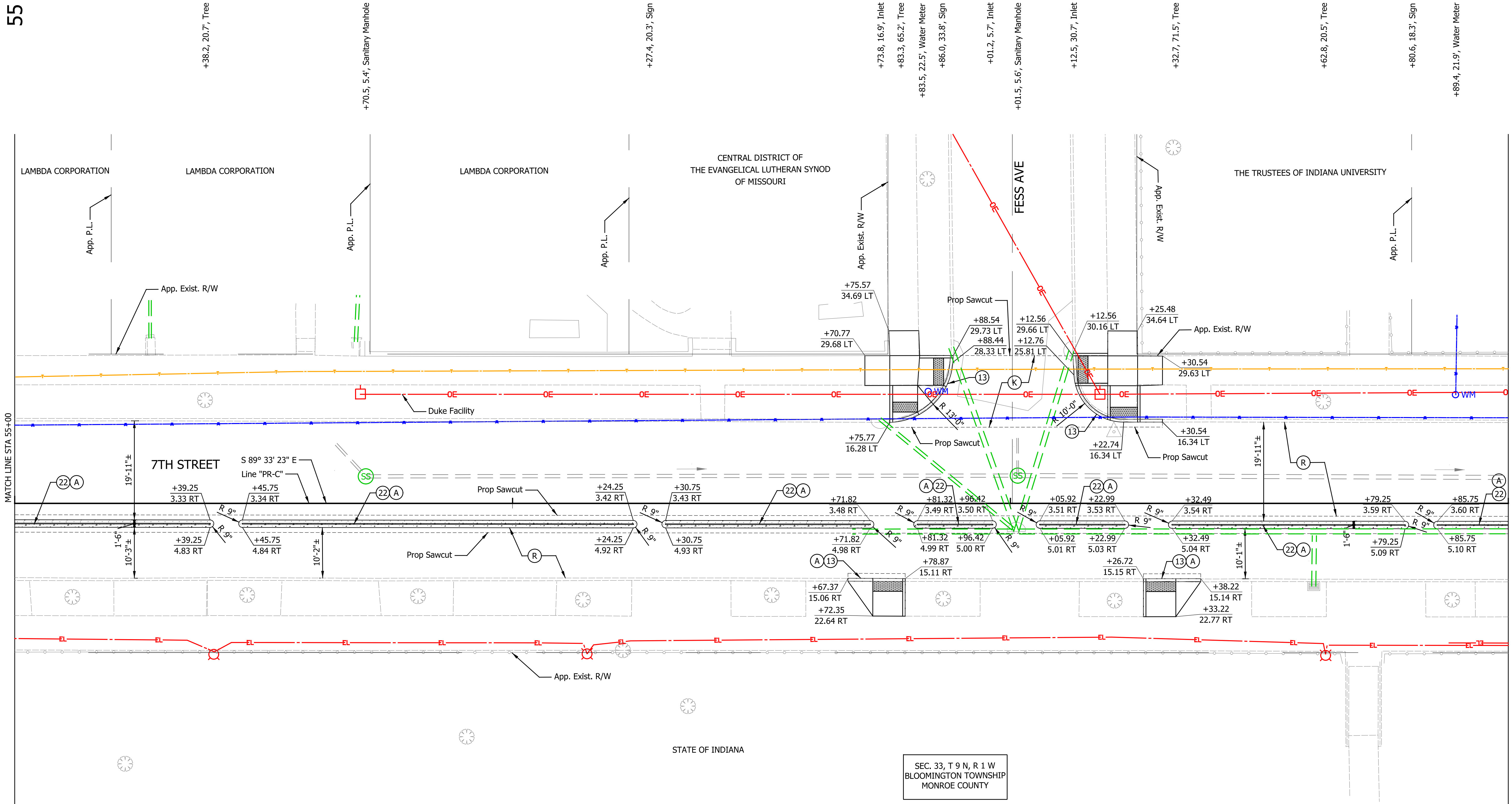
Notes:
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(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	Concrete Center Curb, Type D (Modified)	Bus Stop
(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., om Subgrade Treatment Type II	(13) Concrete Curb (Vertical)	Stamped and Integrally Colored Concrete	Intermediate Bike Lane
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

CITY OF BLOOMINGTON	
CONSTRUCTION DETAILS	
7TH STREET	

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	11 of 82
CONTRACT	PROJECT
N/A	2018.02336



MATCH LINE STA 55+00

MATCH LINE STA 58+00

- +11.6, 18.8', Tree
- +22.2, 52.3', Tree
- +40.0, 30.3', Light Pole
- +46.7, 18.4', Tree
- +81.0, 18.7', Tree
- +90.8, 46.9', Tree
- +14.1, 19.4', Tree
- +15.0, 30.2', Light Pole
- +20.0, 16.8', Sign
- +22.2, 29.5', Tree
- +35.2, 40.8', Tree
- +52.1, 18.4', Tree
- +86.5, 19.2', Tree
- +92.9, 17.9', Sign
- +20.9, 19.5', Tree
- +60.9, 16.6', Inlet Drop
- +63.3, 30.5', Light Pole
- +84.6, 17.2', Sign
- +88.7, 19.4', Tree
- +38.2, 20.7', Tree
- +70.5, 5.4', Sanitary Manhole
- +27.4, 20.3', Sign
- +73.8, 16.9', Inlet
- +83.3, 65.2', Tree
- +83.5, 22.5', Water Meter
- +86.0, 33.8', Sign
- +01.2, 5.7', Inlet
- +01.5, 5.6', Sanitary Manhole
- +12.5, 30.7', Inlet
- +32.7, 71.5', Tree
- +62.8, 20.5', Tree
- +80.6, 18.3', Sign
- +89.4, 21.9', Water Meter

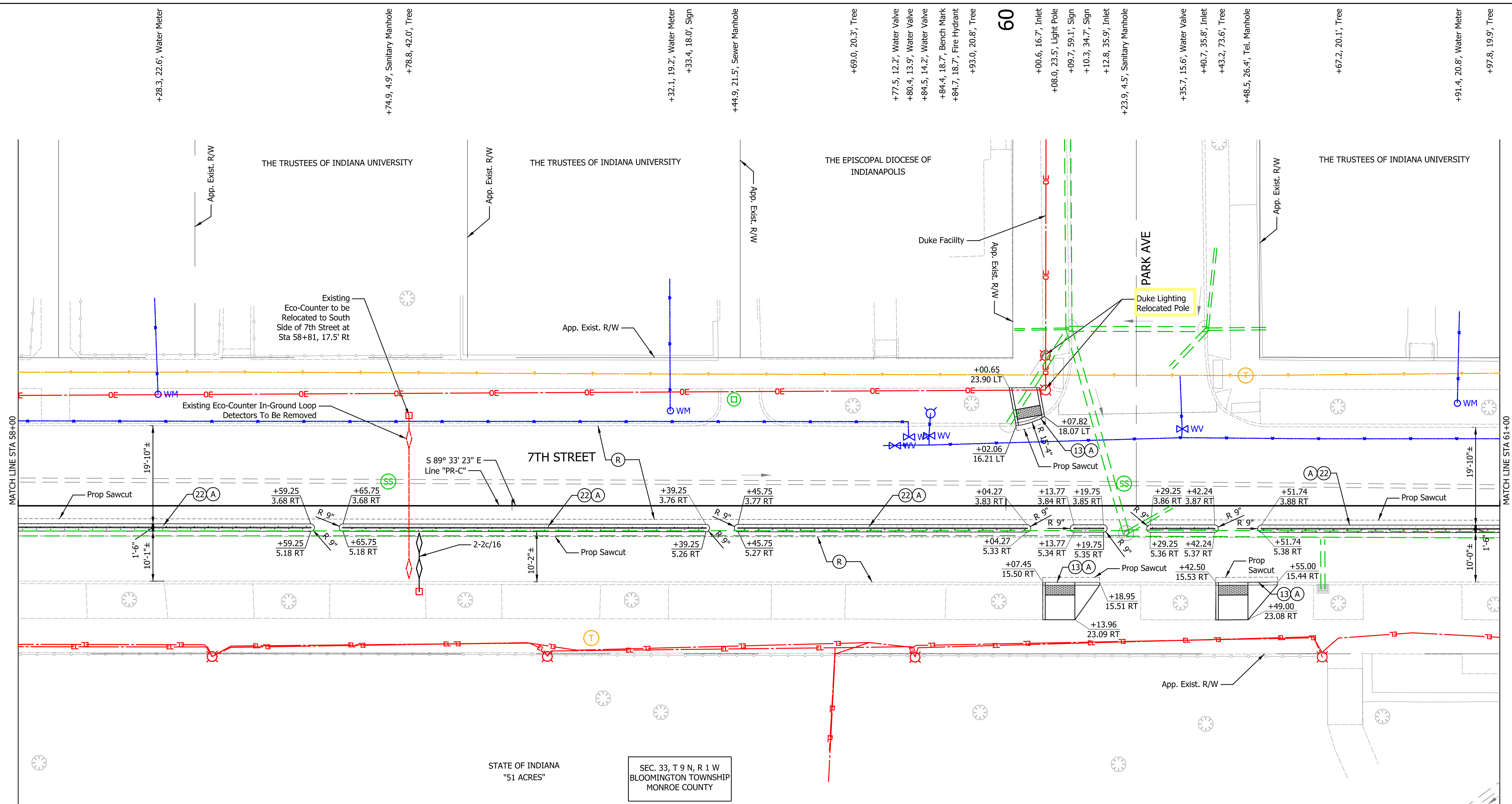
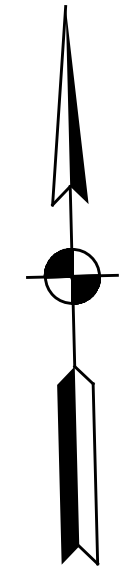
Notes:
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(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	[Pattern] Concrete Center Curb, Type D (Modified)	[Pattern] Bus Stop
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(F) Concrete Sidewalk, 4"	(17) Concrete Curb, Type B (Sloping) (Depressed)	[Pattern] Stamped and Integrally Colored Concrete	[Pattern] Proposed Rain Garden Location
(R) Mill and Resurface (See Typical Sections)	(22) Concrete Center Curb, Type D (Modified)	[Pattern] Sooding, Nursery	
	(28) Raised Pedestrian Crossing (See Miscellaneous Details)		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

CITY OF BLOOMINGTON	
CONSTRUCTION DETAILS	
7TH STREET	

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	12 of 82
CONTRACT	PROJECT
N/A	2018.02336



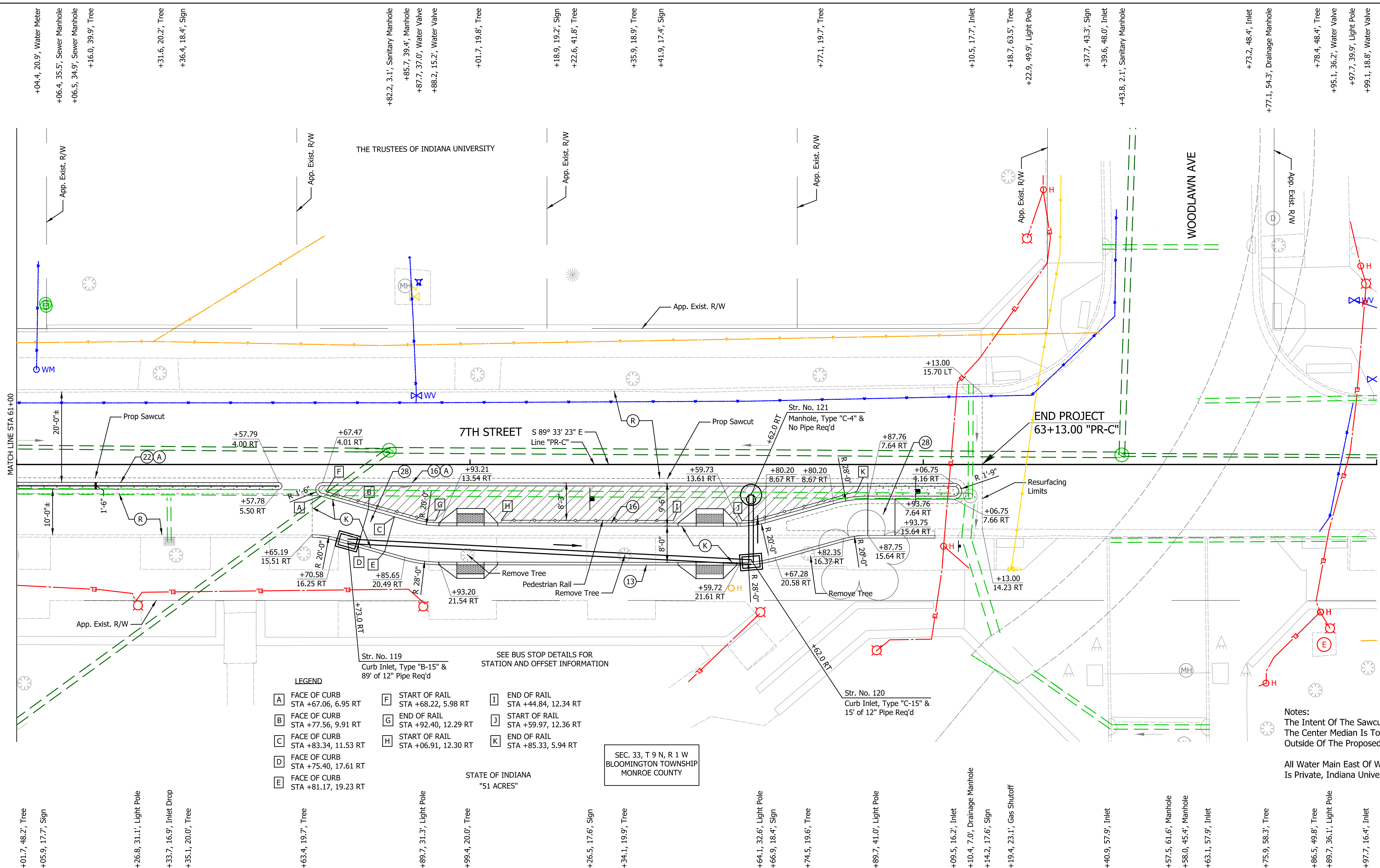
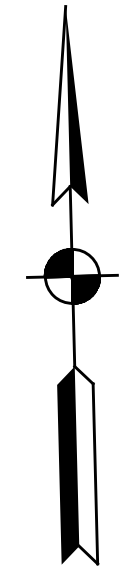
(K) Widening with HMA, Type C (See Typical Sections)	(A) Concrete Patch (See Typical Sections)	[Pattern] Concrete Center Curb, Type D (Modified)	[Pattern] Bus Stop
(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., on Subgrade Treatment Type II	(13) Concrete Curb (Vertical)	[Pattern] Stamped and Integrally Colored Concrete	[Pattern] Intermediate Bike Lane
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(R) Mill and Resurface (See Typical Sections)	(22) Concrete Center Curb, Type D (Modified)		
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MTL	DRAWN: MRO	
CHECKED: NRM	CHECKED: MTL	

CITY OF BLOOMINGTON	
CONSTRUCTION DETAILS	
7TH STREET	

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	N/A
SURVEY BOOK	SHEETS
N/A	13 of 82
CONTRACT	PROJECT
N/A	2018.02336

Indiana Utility All_Color.tbl
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LEGEND

A FACE OF CURB STA +67.06, 6.95 RT	F START OF RAIL STA +68.22, 5.98 RT	I END OF RAIL STA +44.84, 12.34 RT
B FACE OF CURB STA +77.56, 9.91 RT	G END OF RAIL STA +92.40, 12.29 RT	J START OF RAIL STA +59.97, 12.36 RT
C FACE OF CURB STA +83.34, 11.53 RT	H START OF RAIL STA +06.91, 12.30 RT	K END OF RAIL STA +85.33, 5.94 RT
D FACE OF CURB STA +75.40, 17.61 RT		
E FACE OF CURB STA +81.17, 19.23 RT		

SEE BUS STOP DETAILS FOR STATION AND OFFSET INFORMATION

Notes:
 The Intent Of The Sawcut Around The Center Median Is To Be 1.0' Outside Of The Proposed Curb Line.
 All Water Main East Of Woodlawn Is Private, Indiana University.

<p>(K) Widening with HMA, Type C (See Typical Sections)</p> <p>(M) PCCP for Approaches, 6 in., on Dense Graded Subbase, 6 in., om Subgrade Treatment Type II</p> <p>(F) Concrete Sidewalk, 4"</p> <p>(R) Mill and Resurface (See Typical Sections)</p>	<p>(A) Concrete Patch (See Typical Sections)</p> <p>(13) Concrete Curb (Vertical)</p> <p>(16) Concrete Curb, Type B (Sloping)</p> <p>(17) Concrete Curb, Type B (Sloping) (Depressed)</p> <p>(22) Concrete Center Curb, Type D (Modified)</p> <p>(28) Raised Pedestrian Crossing (See Miscellaneous Details)</p>	<p>Concrete Center Curb, Type D (Modified)</p> <p>Stamped and Integrally Colored Concrete</p> <p>Sooding, Nursery</p> <p>Bus Stop</p> <p>Intermediate Bike Lane</p> <p>Proposed Rain Garden Location</p>
<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____</p> <p>DESIGNED: _____ MTL _____ DRAWN: _____ MRO _____</p> <p>CHECKED: _____ NRM _____ CHECKED: _____ MTL _____</p>		
<p>CITY OF BLOOMINGTON</p> <p>CONSTRUCTION DETAILS</p> <p>7TH STREET</p>		
<p>HORIZONTAL SCALE 1" = 10'</p> <p>VERTICAL SCALE N/A</p> <p>SURVEY BOOK N/A</p> <p>CONTRACT N/A</p>		<p>BRIDGE FILE N/A</p> <p>DESIGNATION N/A</p> <p>SHEETS 14 of 82</p> <p>PROJECT 2018.02336</p>