



Date: December 14, 2021

Subject:

Utility Relocation Work Plan for:	Zayo Group, LLC
Facility Type:	Communications - Fiber

Section 1: General Information

A. INDOT/LPA Project Information

1. DES NO.:	1900402
2. Route Number:	17 th Street
3. Location:	From 325' east of Monroe Street to Grant Street, Bloomington, IN
4. Work Type:	Bike/Pedestrian Facilities
5. Letting Date:	04/06/2022
6. Date Work Plan Needed	12/15/2021
7. Target Date for Utility to be out of conflict with INDOT Project	04/30/2022
Intermediate Phase	NA
Intermediate Phase	NA

B. Utility Designated Contact – Information

1. Designated Contact Name:	Waylon Higgins
2. Office telephone:	N/A
3. Mobile telephone:	765-341-1199
4. Email address:	Waylon.higgins@zayo.com
5. Agency name	Zayo Group, LLC
6. Address:	9209 Castlegate Dr.
7. City, State, Zip Code:	Indianapolis, IN 46256
8. Construction Emergency Contact:	
Name:	Waylon Higgins
Number:	765-341-1199

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:	Mark Riehle
2.	Office Telephone:	812-759-4144
3.	Mobile Telephone:	812-309-1625
4.	Email Address:	mriehle2@lochgroup.com
5.	Agency Name:	Lochmueller Group, Inc.
6.	Address:	6200 Vogel Road
7.	City, State, Zip Code	Evansville, IN 47715

Section 2: A narrative description of existing facilities within the project limits and any facility relocation that will be required. [IAC 13-3-3(c)]

- A. Describe what types of existing active and inactive facilities are present.
Zayo has 1.25" HDPE ducts, aerial strand, fiber optic cable, tone wire, handholes, fiber optic marker posts, fiber optic splice closures, risers, and small cell towers in the project area.
- B. Describe the location of existing active and inactive facilities.
At the western end of the project, Zayo has a small cell tower and a handhole at the northwest corner of N. Willis Drive. From the handhole, Zayo has (2) 1.25" HDPE ducts going east, in the north side right-of-way along W. 17th Street. Near Line "PR-A" STA. 122+15, Zayo turns and crosses W. 17th St. to the south. Zayo rises on a Duke Energy pole at Line "PR-A" STA. 122+34, 31' RT. Zayo continues east on the Duke Energy pole line, on the south side of W. 17th Street, crosses N. Madison Street, and dips down the Duke pole at the southwest corner of N. Woodburn Ave. From the pole, Zayo enters a handhole 4' to the west. Zayo has (2) 1.25" ducts with fiber optic cable that run to the south, on the west side of N. Woodburn Ave. and exits the project area. From the aforementioned handhole, Zayo also has (2) 1.25" ducts go north, across W. 17th Street, and turns east to a Zayo small cell tower between the sidewalk and the street at Line "PR-A" STA. 131+36, 19' LT.
- C. Describe what will be done with existing active and inactive facilities.
**Potential conflict with proposed 12" pipe, between Str. No. 28 & 29. Zayo ducts can be adjusted up 6" in the field, during construction, to avoid being impacted.
Potential conflict with proposed 12" pipe, between Str. No. 36 & 37. Zayo ducts to be protected in place. Exercise caution while excavating these locations.
Duke Energy to replace pole at SE corner of N. Madison St. and W. 17th St. Zayo will transfer aerial strand and fiber optic cable when Duke work has been completed.**
- D. Describe the details of the proposed new facilities.
Not Applicable.
- E. Describe the proposed location of the new facilities.
Not Applicable.
- 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 8/17/21.

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)]

Zayo work is not dependent on acquisition of additional property interests.

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)]

Zayo is not willing to allow the INDOT contractor to do the required work.

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:	14
B.	The expected lead time in calendar days to obtain materials:	14
C.	The expected lead time in calendar days to schedule work crews:	14
D.	If the contractor is being selected by competitive bid what is the date of selection?	NA
E.	The expected lead time in calendar days to obtain new property interests:	NA
F.	The earliest date when the utility could begin to implement the pre-construction activities of the work plan:	Upon Notice To Proceed (NTP)
G.	The total number of calendar days for pre-construction activities: (accounting for concurrent activities)	21

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)]

Zayo’s facility relocation work is dependent upon work to be done by another utility.

1. Utility A, with a description of the required work.

Duke Energy workplan completion of placement of new pole and clearance for Zayo to transfer its existing facilities to new pole.

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

Zayo’s facility relocation work is not dependent upon work to be done by the department or the departments contractor.

1. Work item A- **NA**

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

D. The number of calendar days to complete the relocation work: **21 days to complete planning and construction.**



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, needs to be on INDOT Construction drawings. [IAC 13-3-3(c) (6)]. Plans must be attached to this Work Plan Document.

Please see “Zayo Work Plan Response Attachment A_Plans 10.06.2021”.

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)]

Per 105 IAC 13-3-3 (d), no estimate is required for non-compensable relocation costs.

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)]

NA

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”)

Waylon Higgins

12/14/21

Signature of Utility Representative

Date

Waylon Higgins

Utility Representative Name Printed

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



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"/>	MR
(1.b) is compatible with the project plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(1.c) is compatible with the construction schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(1.d) is compatible with other utility relocation work plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(2.a) has reasonable relocation scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MR
(2.b) has a reasonable cost for compensable work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MR

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

Utility Coordinator Signature

12/16/2021

Date

Mark Riehle

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.

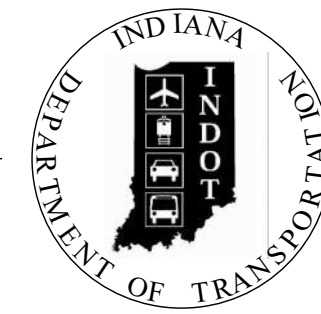
Project Manager Signature (LPA Project – ERC Signature)

Date

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

PROJECT	DESIGNATION
1900402	1900402
CONTRACT	BRIDGE FILE
R-41895	N/A

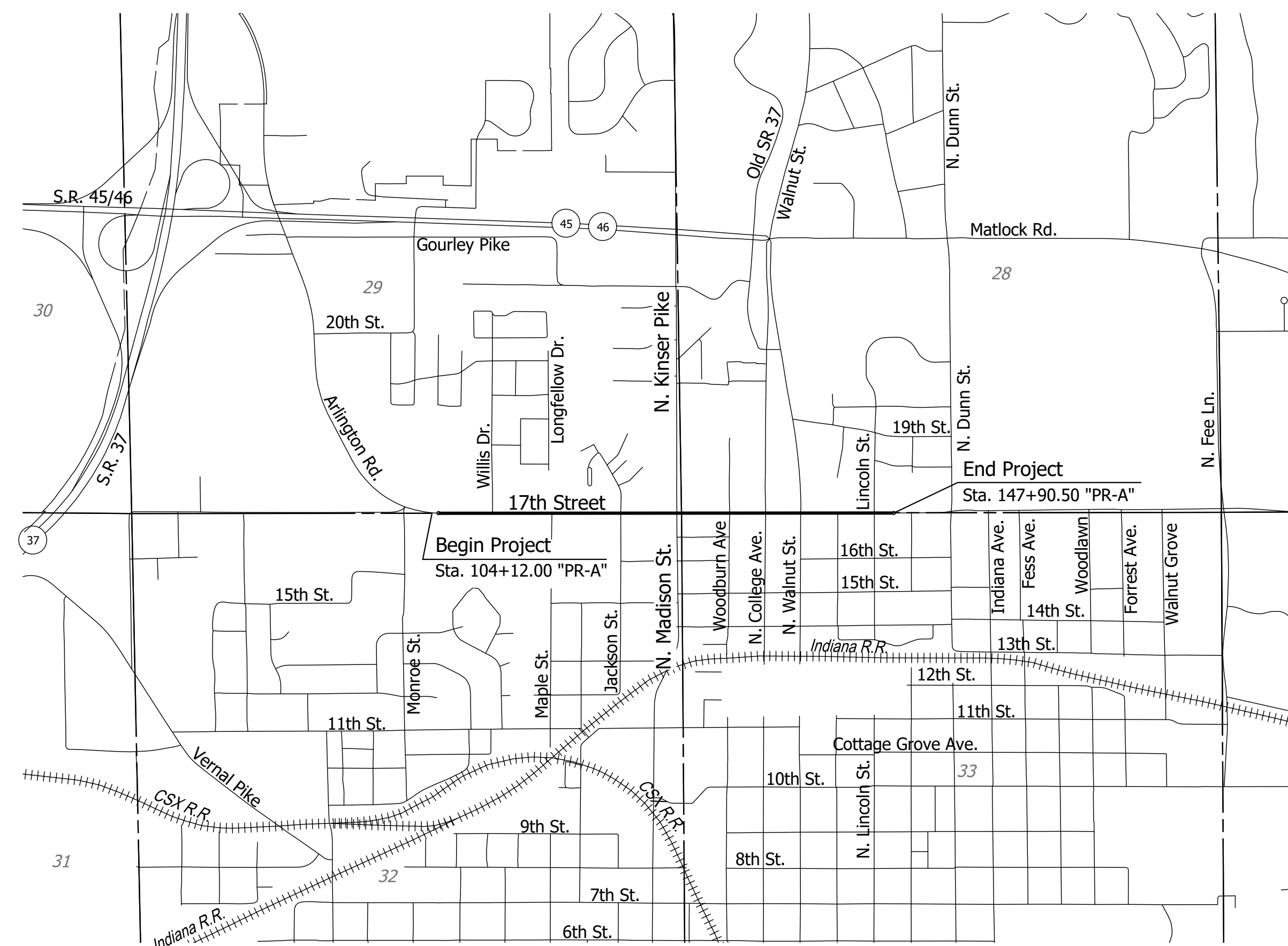
INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

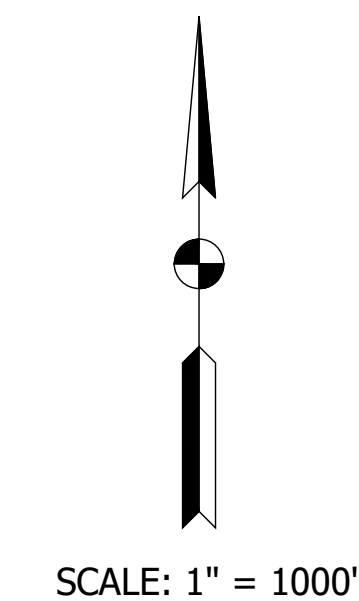
PROJECT NO. 1900402 - P.E.
 PROJECT NO. - R/W
 PROJECT NO. - CONST.

Construction of a Multi-Use Path and Widen/Overlay of 17th Street; Beginning Approximately 325' East of Monroe Street and Ending at Grant Street.



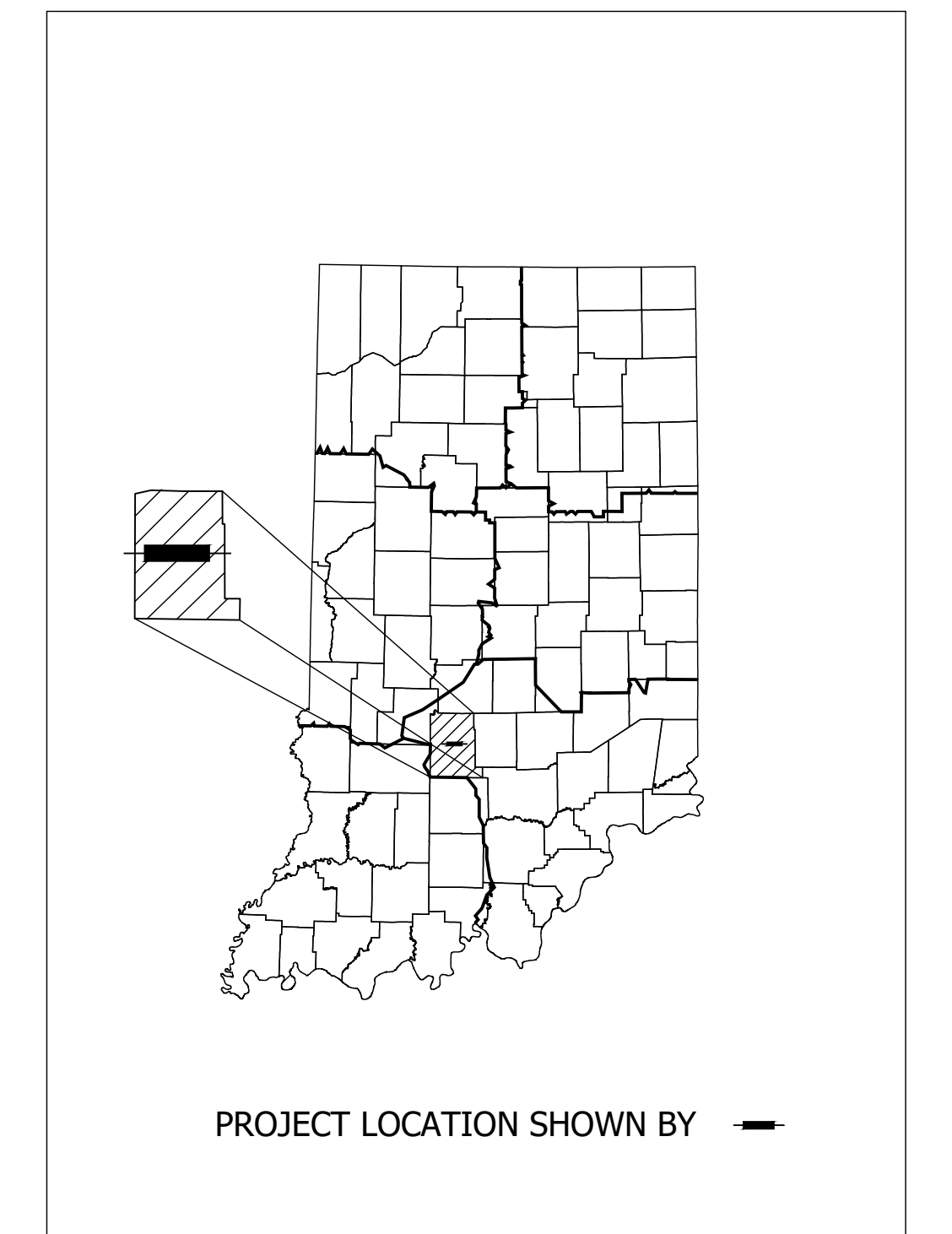
LOCATION MAP

SECTIONS 28-29 & 32-33 T-9-N, R-1-W
 CITY, BLOOMINGTON
 TWP. BLOOMINGTON
 COUNTY, MONROE
 STATE, INDIANA



SCALE: 1" = 1000'

TRAFFIC DATA		
A.A.D.T. (2022)		11,100 V.P.D.
A.A.D.T. (2042)		11,914 V.P.D.
D.H.V (2042)		1,200 V.P.H.
DIRECTIONAL DISTRIBUTION		60/40 %
TRUCKS		1.5% A.A.D.T.
DESIGN DATA		
DESIGN SPEED		30 M.P.H.
PROJECT DESIGN CRITERIA		3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION		Minor Arterial
RURAL/URBAN		Urban (Built-Up)
TERRAIN		Rolling
ACCESS CONTROL		None



PROJECT LOCATION SHOWN BY

BRIDGE LENGTH:	N/A	MI.
ROADWAY LENGTH:	0.83	MI.
TOTAL LENGTH:	0.83	MI.
MAX. GRADE "PR-A":	9.308%	%
MAX. GRADE "B":	9.650%	%
H.U.C. 14:	05120202010070	

BEGINNING	LATITUDE: 39° 10' 44"	LONGITUDE: 86° 32' 44"
ENDING	LATITUDE: 39° 10' 44"	LONGITUDE: 86° 31' 49"

PRELIMINARY PLANS
08/11/2021

INDIANA DEPARTMENT OF TRANSPORTATION
 STANDARD SPECIFICATIONS DATED 2020
 TO BE USED WITH THESE PLANS



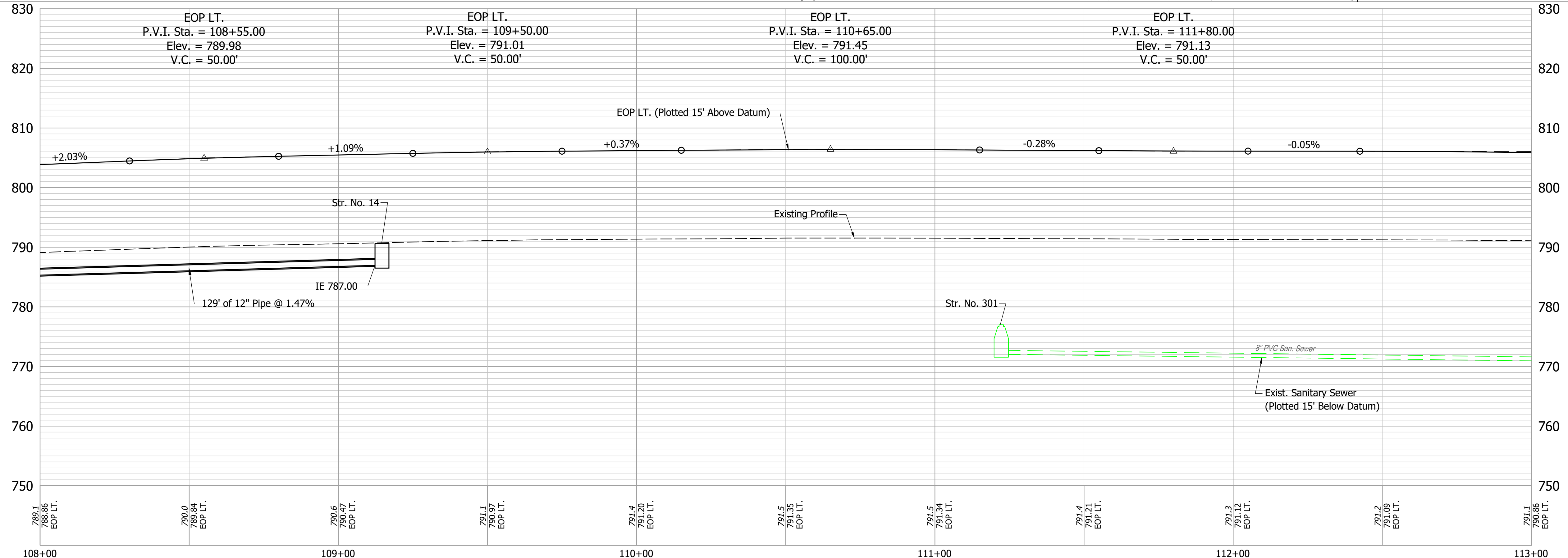
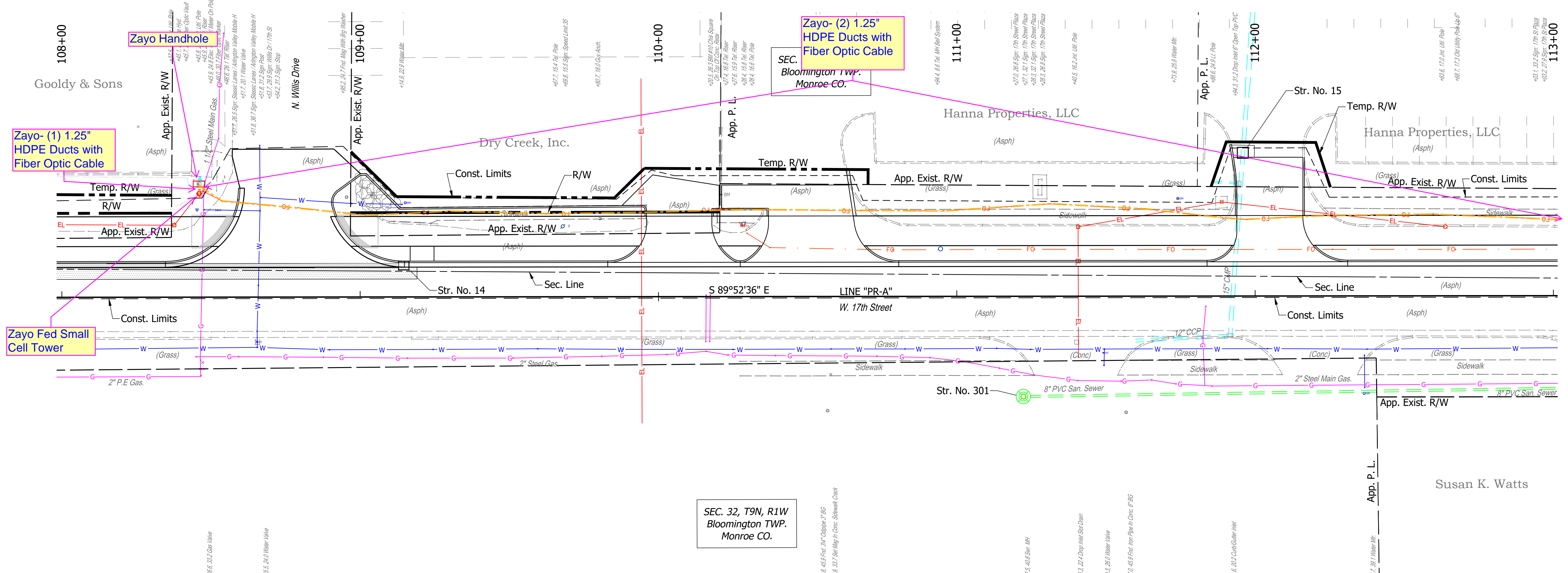
Zayo Work Plan
 Attachment A
 10/14/21 Sheet 1 of 6

ATLAS
 GEOTECH CONSULTANT
 ATLAS
 7988 CENTERPOINT DR. SUITE 100
 INDIANAPOLIS, INDIANA 46256

Plans Prepared By:
LOCHMUELLER GROUP
 6200 Vogel Road
 Evansville, Indiana 47715
 Phone: 812.479.6200
 Toll Free: 800.423.7411

PLANS PREPARED BY: LOCHMUELLER GROUP, INC. (812) 479-6200
 6200 Vogel Road, Evansville, IN 47715 PHONE NUMBER
 CERTIFIED BY: -/-/-/ DATE
 APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE	
DESIGNATION	1900402
SURVEY BOOK	SHEETS
N/A	1 of --
CONTRACT	PROJECT
R-41895	1900402



Notes:
 All Stationing off Line "PR-A" Unless Otherwise Noted.
 For R/W Information, See Right-Of-Way Details.
 For All Driveway Types & Information, See Construction Detail Sheets.
 For Structure Notes & Additional Structure Information, See Construction Detail Sheet.

Zayo Work Plan
 Attachment A
 10/14/21 Sheet 2 of 3

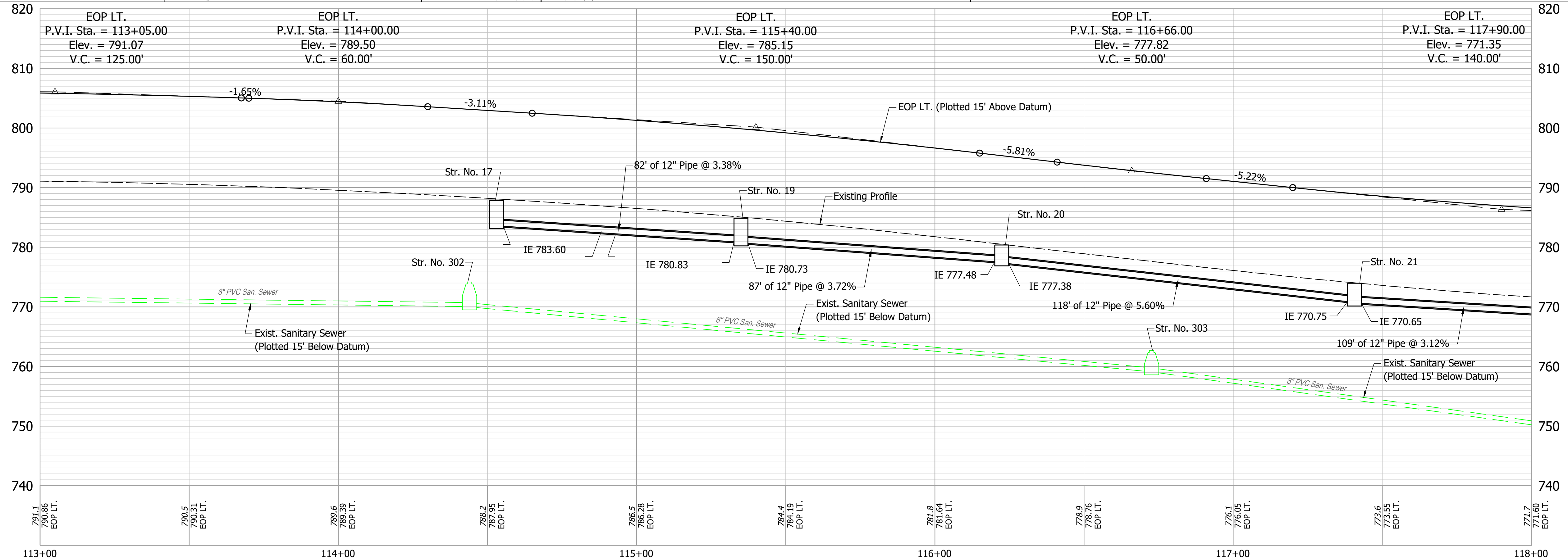
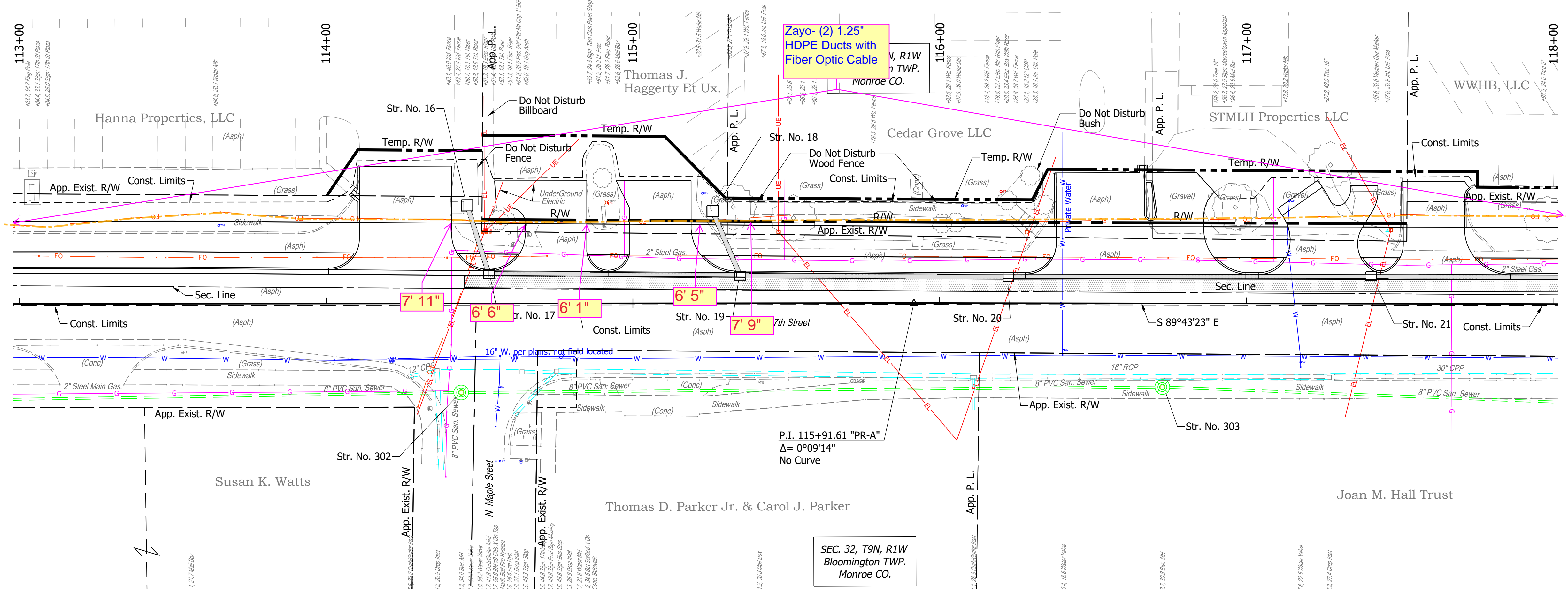
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAF	DRAWN: DAG	
CHECKED: NAW	CHECKED: JAF	

INDIANA
 DEPARTMENT OF TRANSPORTATION

 PLAN & PROFILE LINE "PR-A"
 STA. 108+00 TO 113+00

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	-
VERTICAL SCALE	DESIGNATION
1"=10'	1900402
SURVEY BOOK	SHEETS
	26 of --
CONTRACT	PROJECT
R-41895	1900402

Date: Oct 06, 2021, 10:26am User Name: Iorrie
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Notes:
 All Stationing off Line "PR-A" Unless Otherwise Noted.
 For R/W Information, See Right-Of-Way Details.
 For All Driveway Types & Information, See Construction Detail Sheets.
 For Structure Notes & Additional Structure Information, See Construction Detail Sheet.

Zayo Work Plan
 Attachment A
 10/14/21 Sheet 3 of 3

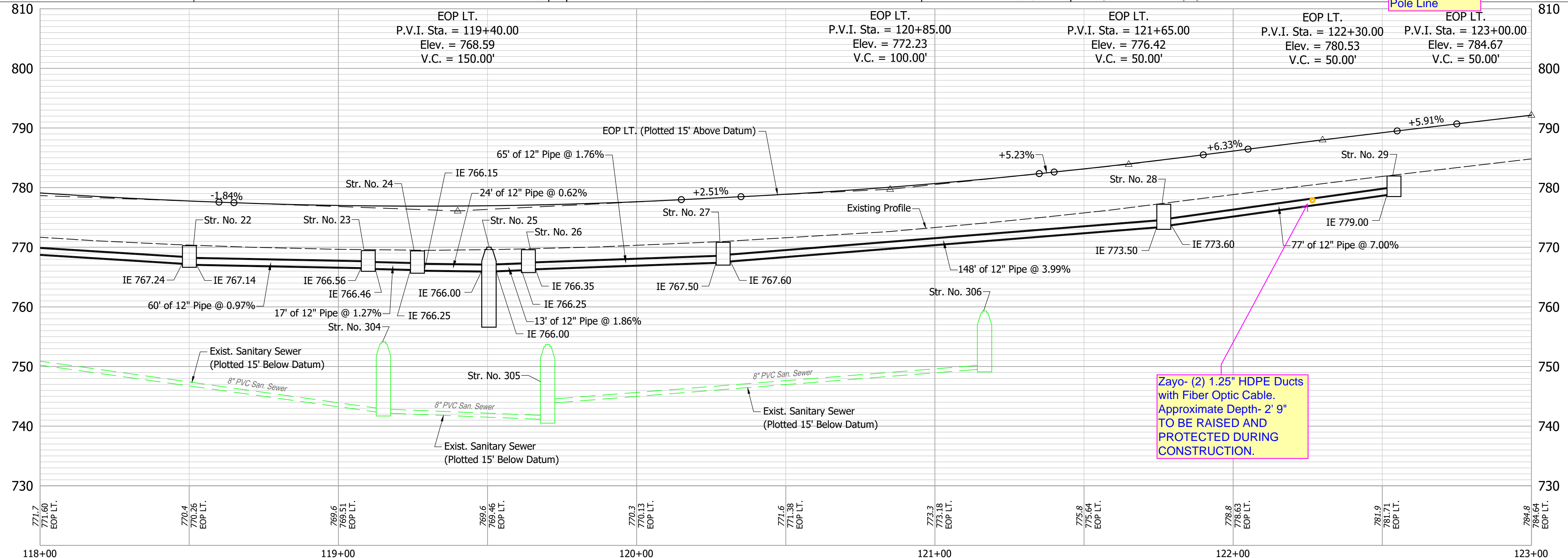
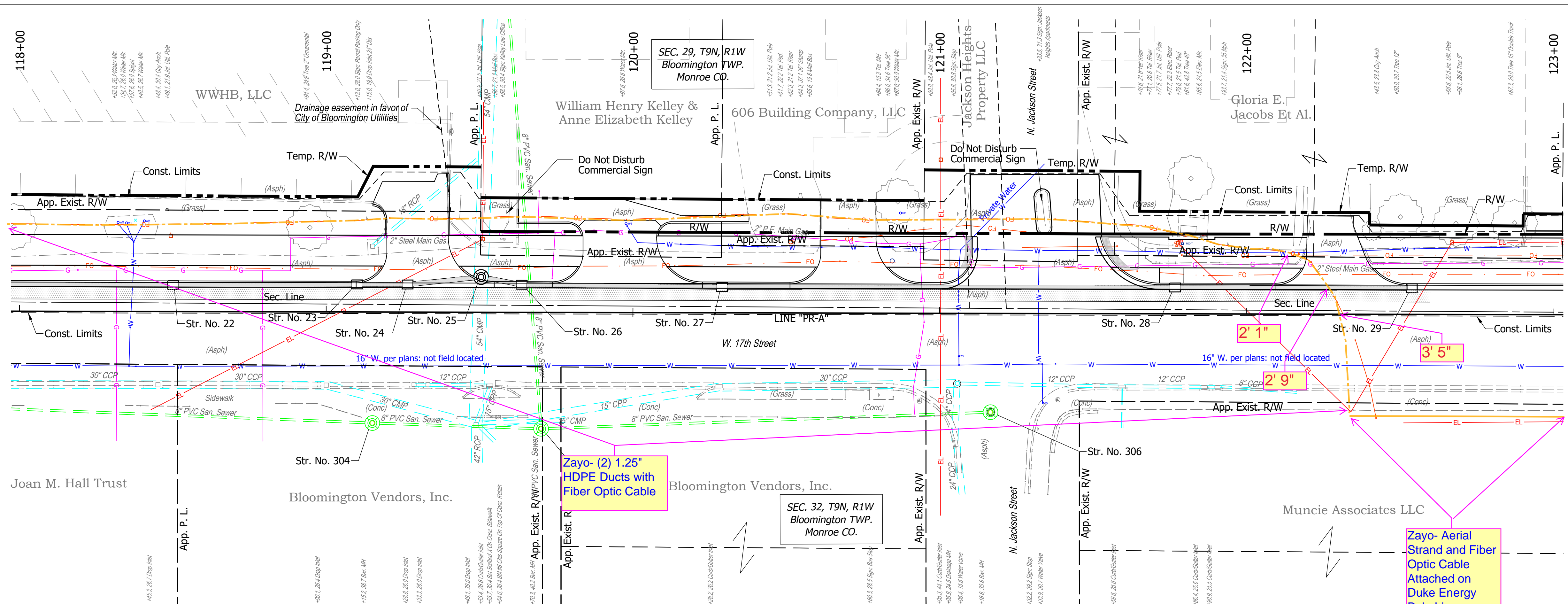
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAF	DRAWN: DAG	
CHECKED: NAW	CHECKED: JAF	

INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "PR-A"
 STA. 113+00 TO 118+00

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	-
VERTICAL SCALE	DESIGNATION
1"=10'	1900402
SURVEY BOOK	SHEETS
	27 of --
CONTRACT	PROJECT
R-41895	1900402

Date: Oct 06, 2021, 10:26am User Name: Iorrie
 File: S:_2019\119-0055\Road\CAD\PR\PR Line PR-A.dwg



Notes:
 All Stationing off Line "PR-A" Unless Otherwise Noted.
 For R/W Information, See Right-Of-Way Details
 For All Driveway Types & Information, See Construction Detail Sheets.
 For Structure Notes & Additional Structure Information, See Construction Detail Sheet.

**Zayo Work Plan
 Attachment A
 10/14/21 Sheet 4 of 6**

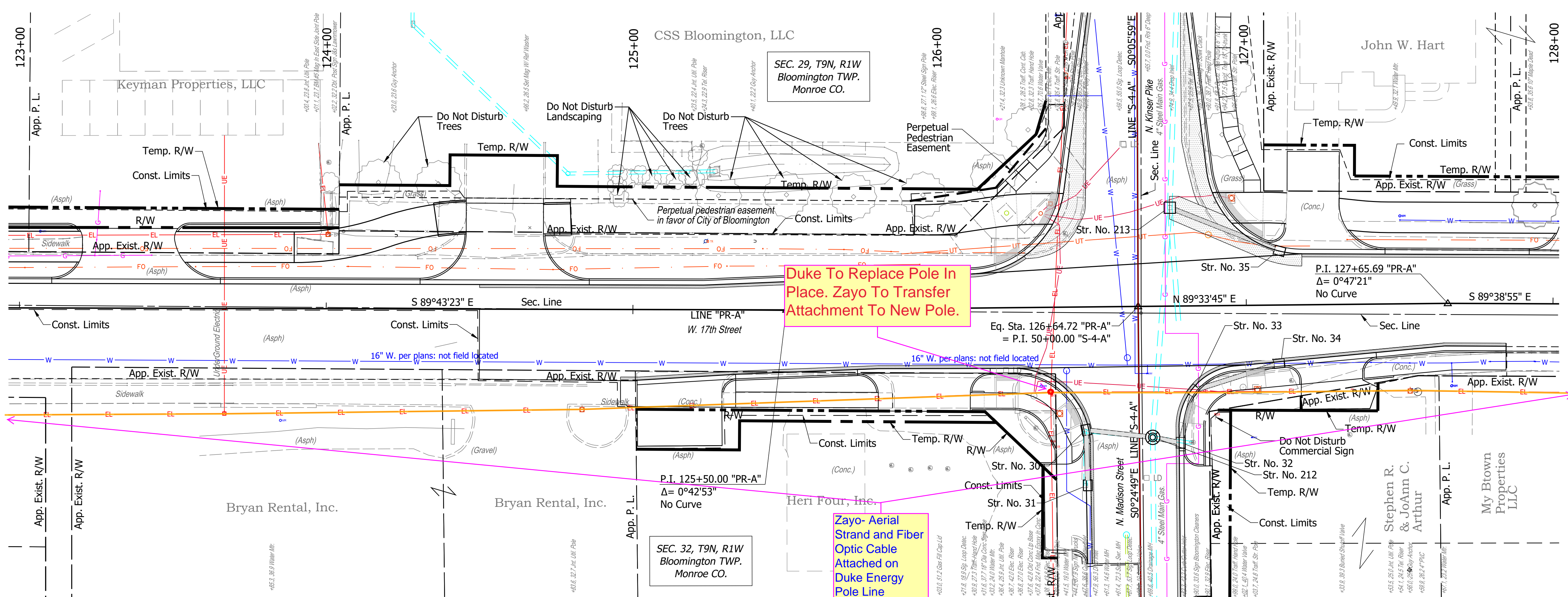
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAF	DRAWN: DAG	
CHECKED: NAW	CHECKED: JAF	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE LINE "PR-A"
 STA. 118+00 TO 123+00**

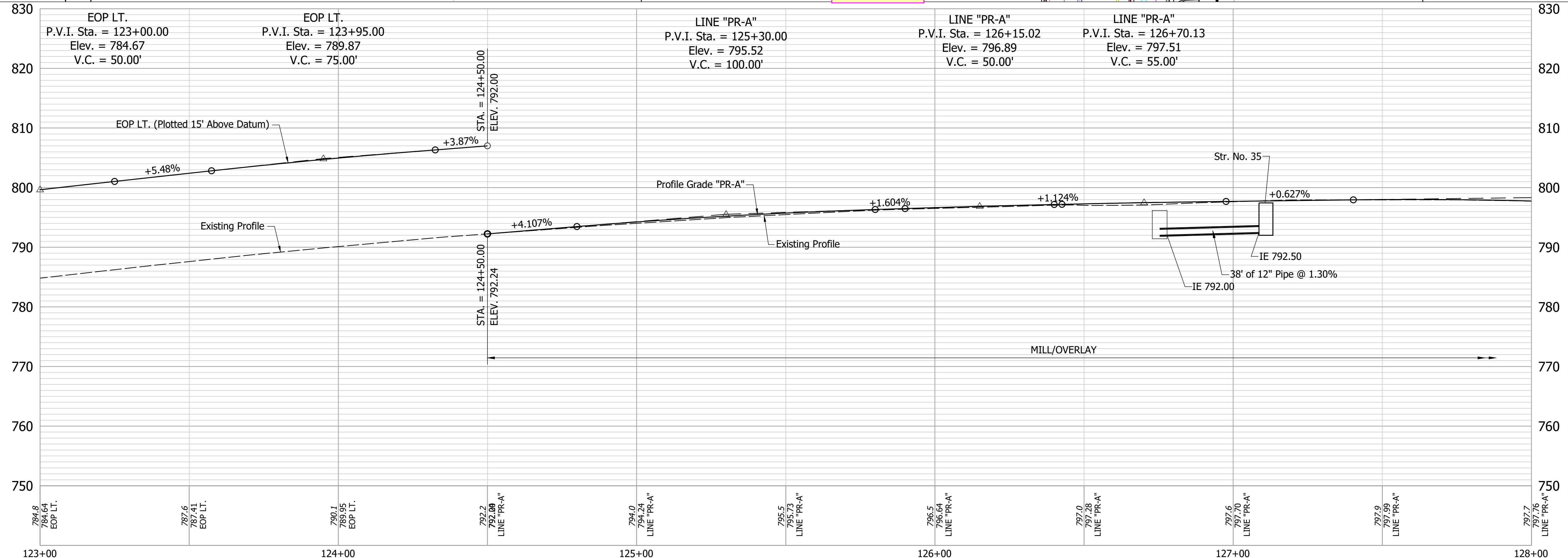
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VERTICAL SCALE	DESIGNATION
1"=10'	1900402
SURVEY BOOK	SHEETS
	28 of --
CONTRACT	PROJECT
R-41895	1900402

Date: Oct 06, 2021, 10:27am User Name: Iorrie
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Duke To Replace Pole In Place. Zayo To Transfer Attachment To New Pole.

Zayo- Aerial Strand and Fiber Optic Cable Attached on Duke Energy Pole Line



Notes:
 All Stationing off Line "PR-A" Unless Otherwise Noted.
 For R/W Information, See Right-Of-Way Details
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 For Structure Notes & Additional Structure Information, See Construction Detail Sheet.

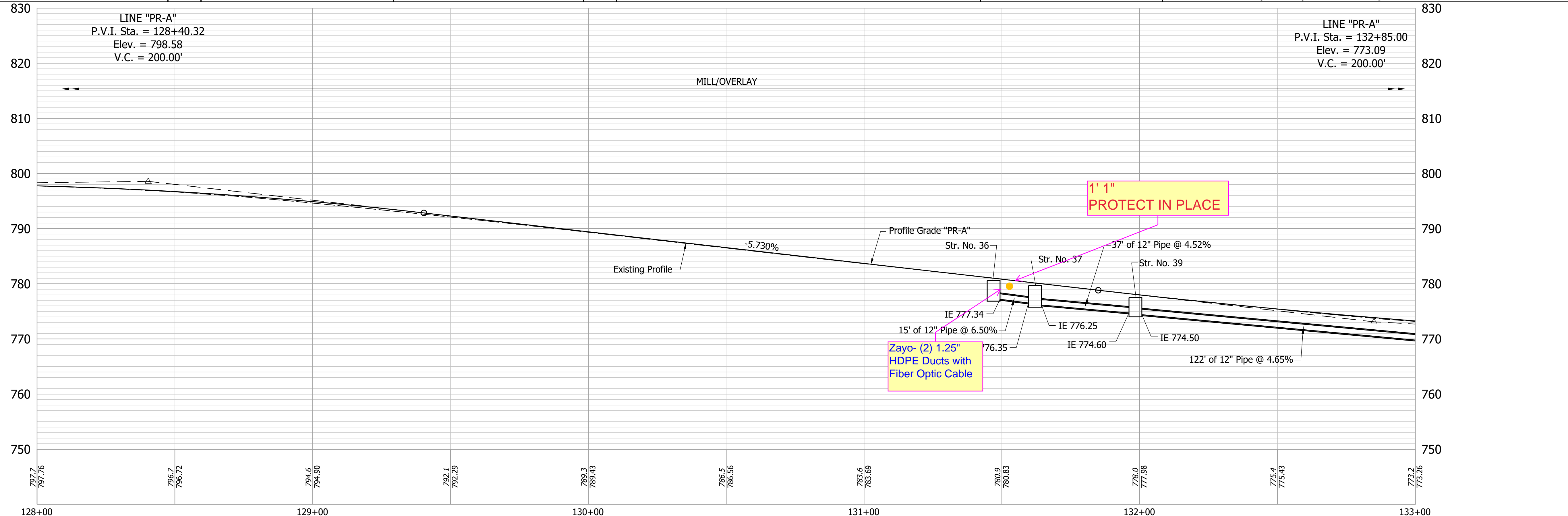
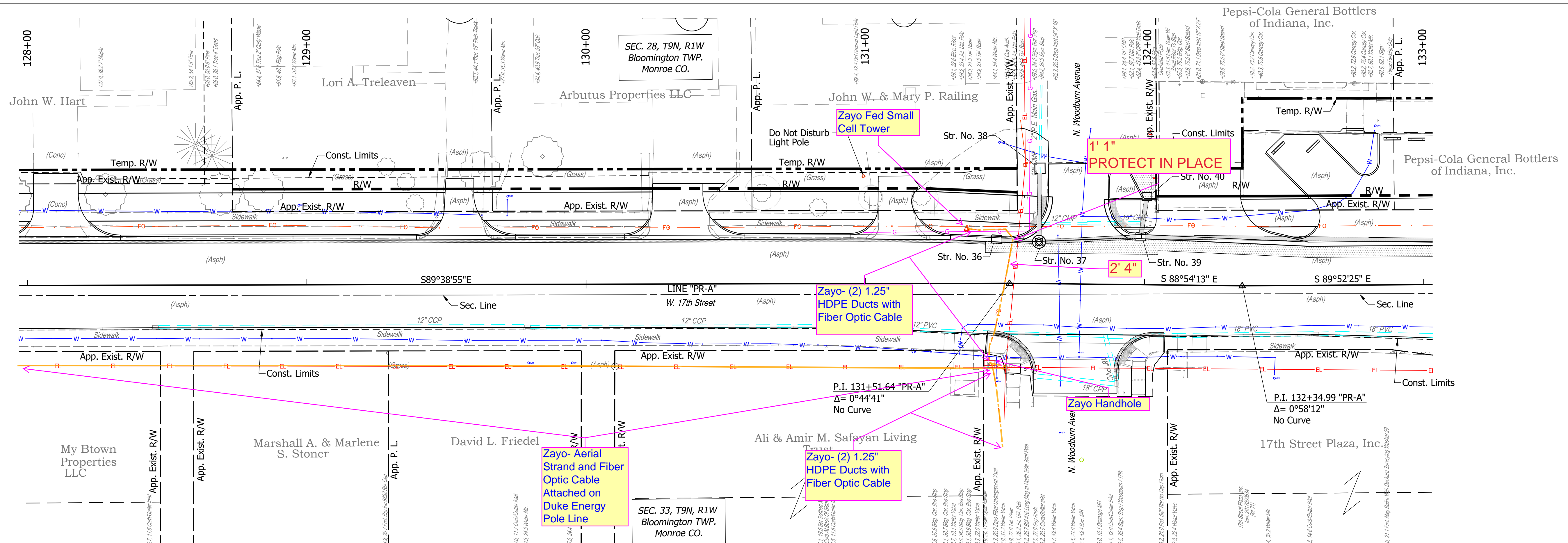
**Zayo Work Plan
 Attachment A
 10/14/21 Sheet 5 of 6**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAF	DRAWN: DAG	
CHECKED: NAW	CHECKED: JAF	

INDIANA
 DEPARTMENT OF TRANSPORTATION
**PLAN & PROFILE LINE "PR-A"
 STA. 123+00 TO 128+00**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	-
VERTICAL SCALE	DESIGNATION
1"=10'	1900402
SURVEY BOOK	SHEETS
	29 of --
CONTRACT	PROJECT
R-41895	1900402

Date: Oct 06, 2021, 10:27am User Name: lornie File: S:_2019\119-0055\Road\CAD\PR&P\PR Line PR-A.dwg



Date: Oct 06, 2021, 10:27am User Name: Iorrie File: S:_2019\119-0035\Road\CAD\PR\PR Line PR-A.dwg

Notes:
 All Stationing off Line "PR-A" Unless Otherwise Noted.
 For R/W Information, See Right-Of-Way Details
 For All Driveway Types & Information, See Construction Detail Sheets.
 For Structure Notes & Additional Structure Information, See Construction Detail Sheet.

**Zayo Work Plan
 Attachment A
 10/14/21 Sheet 6 of 6**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAF	DRAWN: DAG	
CHECKED: NAW	CHECKED: JAF	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE LINE "PR-A"
 STA. 128+00 TO 133+00**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	-
VERTICAL SCALE	DESIGNATION
1"=10'	1900402
SURVEY BOOK	SHEETS
	30 of --
CONTRACT	PROJECT
R-41895	1900402