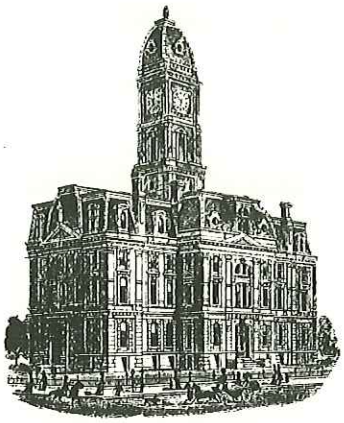
KCW



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

June 9, 2014

To: Hamilton County Drainage Board

Re: R. J. Craig Drain, George White Arm, Maple Street Reconstruction

Attached are plans for the proposed reconstruction of the R. J. Crain Drain, George White Arm No. 3. The proposal is to replace the drain in the Maple Street right-of-way, owned by the Town of Fishers per the 'R. J. Craig Regulated Drain Reconstruction - Maple Street' project plans by A&F Engineering, Job No. AF-14039P, dated 6/5/2014.

Per the plans, a portion of the existing drain will be replaced by a new storm sewer.

This line will consist of the following pipes:

141' of 12" RCP 278' of 15" RCP 90' of 18" RCP

The total length of the new reconstructed drain shall be 509 feet, including new pipe and structures. The 318 feet of original drain between Sta. 0+00 and 3+18 shall be vacated. This proposal will add 191 feet to the drain's total length.

The original drain was previously referenced in my report for the 1997 reconstruction of the George White Arm 3 that was approved at hearing by the Board on November 27, 1997 as recorded in Drainage Board Minutes Book 4 page 482. Note: The drain immediately downstream of this project is also proposed for reconstruction at this time. See my report called "R. J. Craig Drain, George White Arm, Fishers Maple Street Redevelopment" for more information on that project.

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

This proposal includes the drain route between storm structures 36, 201, 202, 203, 204, 206, 207, and 208 per the A&F plans. (Note: Str. 205 is called out on the plans as a pipe stub to Str. 204 for future tie-in, but is not to be considered part of the regulated drain). The new drain pipe shall be located between A&F Sta. 16+06.00 (Str. 36) and 20+60.72 (Str. 208). This includes the main trunk line that runs along the east side of Maple Street and two pipes that cross Maple Street (Str. 202-203 and 204-206).

The fund is assessed at $5.00 per acre, $25.00 minimum which brings in $40,678.70 annually. Currently the R. J. Craig maintenance fund has a balance of $151,685.30 the engineering contract for the design of this project by A & F Engineering is $21,570.00. After payment of his claim the fund balance will be $144,451.30. The engineer's cost estimate for the project is $163,150.87.

I believe there are three funding options for the Board to consider:

1. Use the existing maintenance fund for the cost of the project taking the $18,699.57 short fall out of the General Drain Improvement Fund (GDIF) to be paid back using 2015 collections.

2. Take 75% of the maintenance fund under IC 36-9-27-45.5 which is $108,338.48 and fund the remaining $54,812.39 through a reconstruction assessment for those properties benefited on Maple Street. The assessment would be $28,400.20 per acre.

3. Take the entire maintenance fund and fund the $18,699.57 short fall through a reconstruction assessment on those properties on Maple Street benefitting which would be an assessment of $ 9,673.35 per tract.

The reconstruction will take place in the drain's current location, no additional easement is required. Where the drain is being extended on the north end of the project, a grant of easement will be submitted on the Meyer-Najem project currently under review.

I recommend that this drain be classified as an urban drain.

I recommend the Board set a hearing date for July 28, 2014.

Sincerely,

Kenton C. Ward
Hamilton County Surveyor

KCW/stc

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

R. J. Craig Drain, George White Arm, Maple Street Reconstruction

Station 0+00 to Station 3+18

On this ***28th day of July, 2014***, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the ***R. J. Craig Drain, George White Arm, Maple Street Reconstruction; Station 0+00 to Station 3+18.***

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the ***R. J. Craig Drain, George White Arm, Maple Street Reconstruction; Station 0+00 to Station 3+18.***

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Member

Attest:

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
R. J. Craig Drain, George White Arm, Maple Street Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the ***R. J. Craig Drain, George White Arm, Maple Street Reconstruction*** came before the Hamilton County Drainage Board for hearing ***on July 28, 2014,*** on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the ***R. J. Craig Drain, George White Arm, Maple Street Reconstruction*** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

PRESIDENT

Member

Member

ATTEST: Lynette Mosbaugh
Executive Secretary

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

R. J. Craig Drain, George White Arm, Maple Street Reconstruction

NOTICE

To Whom It May Concern and: _____
_____
_____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **R. J. Craig Drain, George White Arm, Maple Street Reconstruction** on **July 28, 2014** at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

STATE OF INDIANA)
) SS BEFORE THE HAMILTON
)
COUNTY OF HAMILTON) DRAINAGE BOARD

IN THE MATTER OF **R. J. Craig Drain, George White Arm, Maple Street Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **July 28, 2014** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

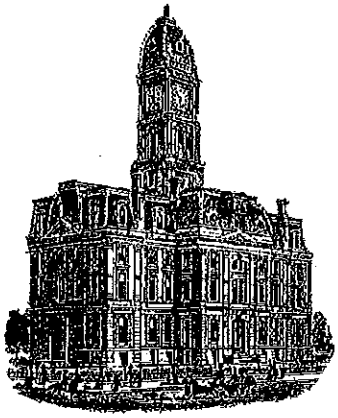
HAMILTON COUNTY DRAINAGE BOARD

BY: Mark Heirbrandt
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

KCW



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

July 5, 2016

To: Hamilton County Drainage Board

Re: RJ Craig Drain: George White Arm – Maple Street Reconstruction

Attached are as-built, certificate of completion & compliance, and other information for the George White Arm-Maple Street Reconstruction which is a reconstruction of the George White Arm 3. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with the original Surveyor's report for this drain dated June 9, 2014. The report was approved by the Board at the hearing held July 28, 2014. (See Hamilton County Drainage Board Minutes Book 15, Pages 482-485)

The changes are as follows:

12" RCP was shortened from 141 feet to 102 feet.
15" RCP was shortened from 278 feet to 277 feet.
18" RCP was shortened from 90 feet to 83 feet.

The length of the drain due to the changes described above is now 462 feet. As noted in the original Surveyor's Report dated June 9, 2014 the original 12" tile was removed from Station 0 to Sta. 3+18. Therefore, this project adds 144 feet to the drains overall length.

The reconstruction was completed by Rieth Riley Construction Company Inc. who was under contract with the City of Fishers. The project was completed through thru an Inter-local Agreement between the Hamilton County Drainage Board and the City of Fishers dated December 10, 2014 and was paid for with maintenance funds. (See Hamilton County Drainage Board Minutes Book 15, Pages 574)

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

The payments to the City of Fishers are as follows:

Claim Date:	Claim number:	Claim Amount:
January 27, 2015	Pay Request # 1	$111,751.22
June 28, 2016	Pay Request # 2 (Retainage)	$19,720.80

At this time all claims for the reconstruction have been paid to the City of Fishers. The contractor has submitted a statement that all expenses incurred for labor and materials have been paid in full as required per IC 36-9-27-82.

The project estimate on my original report dated June 9, 2014 was $163,150.87. The contract price was a lump sum payment to Fishers in the amount of $131,472.02. During the course of this work no change orders were issued for the reconstruction. Therefore, the total project cost was $131,472.02.

As of the date of this report, I hereby attest to and agree that the reconstruction was completed according to the specified plans and have approved such work under IC-36-9-27-82(a).

I recommend the Board approve the drain's reconstruction as complete and acceptable.

Sincerely,

Jerry L. Liston
Hamilton County Surveyor's Office

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

TOWN OF FISHERS

ROAD PLANS
MAPLE STREET

POST CONSTRUCTION ASBUILTS

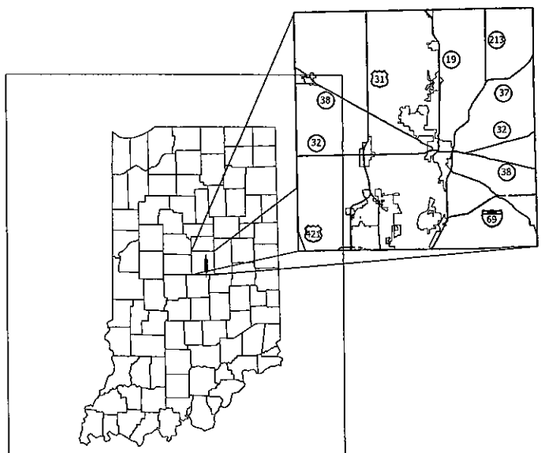
"AS-BUILT" CERTIFICATION

I hereby certify to the best of my knowledge and belief, that this drawing has been revised to show the "As-Built" elevations and locations of the Storm Sewers. Only the revised grades (clouded) are "As-Built", all other information shown was for design purposes only.

Certified this 14 day of MARCH, 2016.

MARK A. SCHEPERS REGISTERED No. LS 29500001 STATE OF INDIANA LAND SURVEYOR

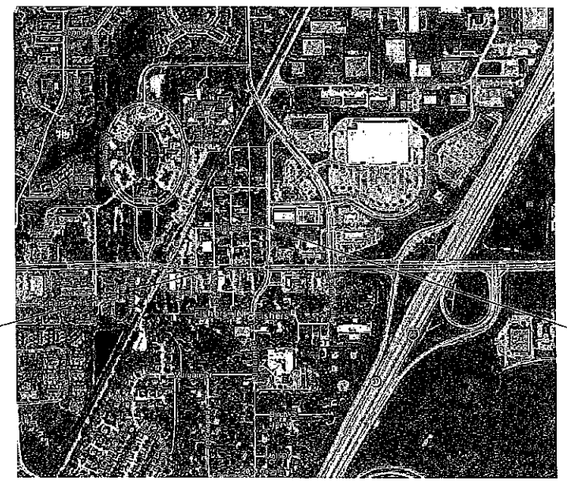
Mark A Schepers
Registered Land Surveyor No. 29500001
State of Indiana



Reconstruction of Maple Street from 116th Street to approximately 493.5' North of 116th Street to the proposed Fishers Corner Boulevard in
Section 36, T-18-N, R-4-E,
in Delaware Township, Hamilton County, State of Indiana.

Gross Length:	0.09 mi	Latitude:	N 39°57'27"
Net Length:	0.09 mi	Longitude:	W 86°00'52"

SCALES
Plan: 1" = 10' Profile: 1" = 5'



Begin Project
P.O.T. 10+24.23 "PR-B"

End Project
P.O.T. 15+17.73 "PR-B"

SCALE: 1"=500'

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

NOTE:

1. THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE CURRENT TOWN OF FISHERS CONSTRUCTION SPECIFICATIONS AND STANDARD CONSTRUCTION DETAILS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT.
2. THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL ADA REQUIREMENTS.
3. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE TOWN OF FISHERS DEPARTMENT OF ENGINEERING PRIOR TO ANY LAND DISTURBANCE.
4. THE FINAL SITE INSPECTION WILL NOT BE PERFORMED BY THE TOWN OF FISHERS DEPARTMENT OF ENGINEERING INSPECTOR UNTIL FINAL SITE STABILIZATION IS COMPLETED.
5. INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2014 TO BE USED WITH THESE PLANS.

Set 1 of 4

Z:\2013\1301-4P Fishers Maple St\Dwg\1301-4P-TTL.dwg RAD 1/28/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

PLANS PREPARED BY:	A & F ENGINEERING CO., LLC	(317) 202-0864 PHONE NUMBER
CERTIFIED BY:	Joseph T Rengel	3-7-14 DATE
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

BRIDGE FILE	N/A
DESIGNATION	-
SURVEY BOOK	N/A
SHEETS	1 of 28
CONTRACT	-
PROJECT	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

UTILITIES

UTILITY	OWNER	ADDRESS
GAS	Vectren Energy	Joanie Clark 16000 Allisonville Road Noblesville, IN 46061 317-776-5532 jlclark@vectren.com
ELECTRIC	Duke Energy Indiana, Inc.	Tracy Grady 100 South Mill Creek Road Noblesville, IN 46060 317-776-5350 tracy.grady@duke-energy.com
CABLE TV	Comcast	Matt Stringer 5330 E. 65th Street Indianapolis, IN 46220 317-774-3384 matthew_stringer@cable.comcast.com
TELEPONE	AT&T Indiana	Brian Cravens 5858 N. College Avenue Indianapolis, IN 46220 317-252-5003 bc3785@att.com
WATER	Citizens Energy Group	Chris Brumfield 1220 Waterway Boulevard Indianapolis, IN 46202 317-263-6382 cbrumfield@citizensenergygroup.com
SANITARY	SAMCO/HSE Utilities	Jim Hart 11091 Lakeside Drive Fishers, IN 46038 317-577-1150 jhart@samcoinc.us

REVISIONS

SHEET NO.	DATE	REVISED

R/W INDEX

SHEET NO.	DESIGNATION

GENERAL NOTES

**	All Earth Shoulders, median areas, and cut and fill slopes shall be plain or mulched seeded except where sodding is specified.
**	Clearing and removal of woody vegetation will be kept to a minimum between construction limits and right-of-way.
**	Tack Coat shall be placed on new and existing bituminous before a new lift of bituminous is added.

** Represents General Notes required.

HOLEY MOLEY SAYS CALL

1-800-382-5544

AT LEAST TWO FULL
WORKING DAYS BEFORE
YOU DIG

2 WORKING DAYS
CALL TOLL FREE BEFORE YOU DIG
1-800-382-5544
UNDERGROUND PROTECTION CENTER

INDEX

SHEET NO.	SHEET DESIGNATION
1	Title
2-1	Index and General Notes
3-1	Typical Sections
4	Plat No. 1
5 to 6-1	Traffic Maintenance Details
7-1 to 12-1	Plan and Profile
13	Spot Elevation Details
14 to 18	Erosion Control Details
19-1	Pavement Markings and Signing
19A	Lighting Details
20-1	Approach Table
20A	Underdrain Table
21-1 to 22	Structure Data Table
23 to 28	Cross Sections
	Town of Fishers Standard Drawings

HAMILTON COUNTY INDIANA SURVEYOR
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

VERIFICATION NOTE

Contractor shall verify all dimensions and clearances and all existing field conditions before starting construction. Commencement of work constitutes acceptance of conditions.

Should different conditions be encountered, contact the engineer or designer before proceeding with work.

Z:\2013\13014P Fishers Maple St\Dwg\13014P-IND.dwg RAD 1/28/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE 3-7-14

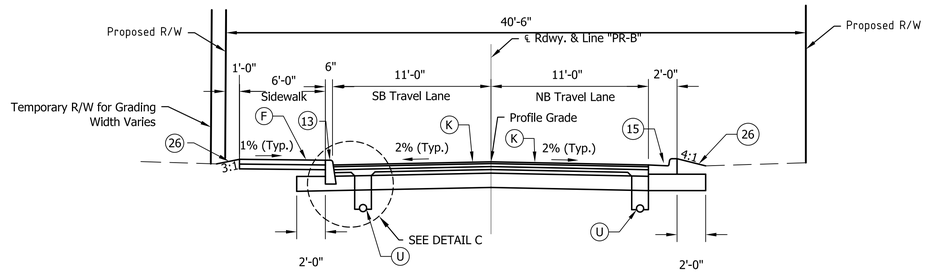
DESIGNED: RAD DRAWN: RAD
CHECKED: JTR CHECKED: JTR

TOWN OF FISHERS

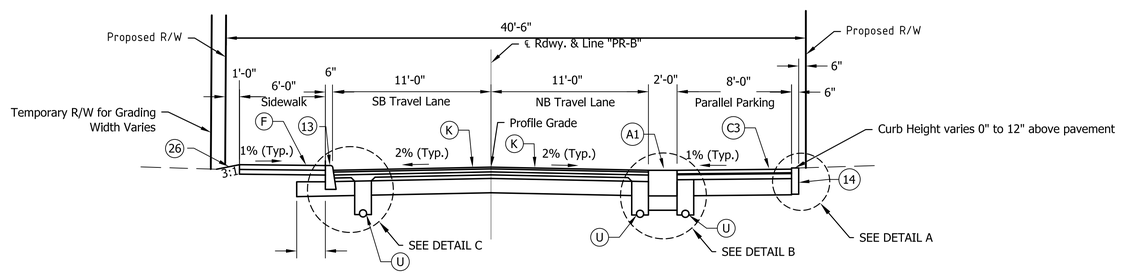
INDEX & GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
NONE	N/A
VERTICAL SCALE	DESIGNATION
NONE	-
SURVEY BOOK	SHEETS
N/A	2-1 of 28
CONTRACT	PROJECT
-	AF-13014P

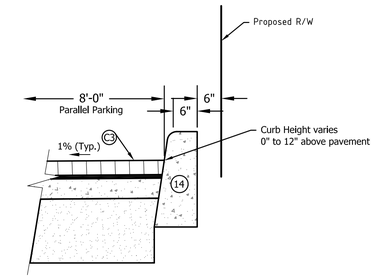
This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



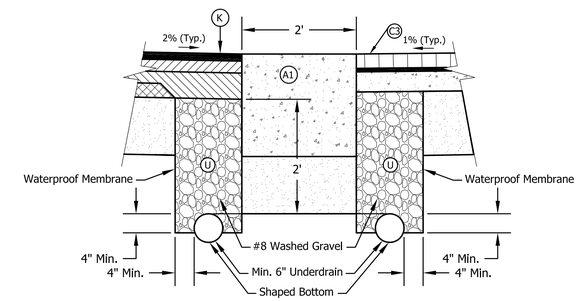
TYPICAL SECTION
Sta. 15+04.66 "PR-B" to Sta. 15+17.73 "PR-B"



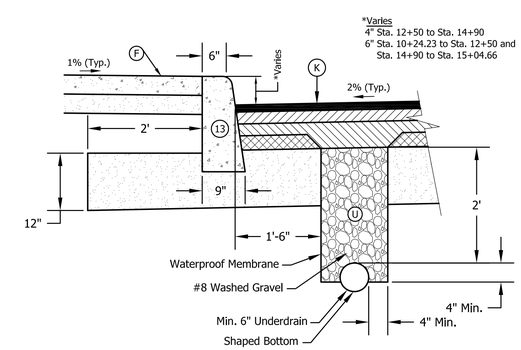
TYPICAL SECTION
Sta. 10+24.23 "PR-B" to Sta. 15+04.66 "PR-B"



DETAIL A
CONCRETE BARRIER CURB
BEHIND PARKING
NOT TO SCALE



DETAIL B
CONCRETE BAND WITH
UNDERDRAINS
NOT TO SCALE



DETAIL C
CONCRETE BARRIER CURB
WITH UNDERDRAIN
NOT TO SCALE

LEGEND

- (A1) 21.5" PCCP on 12" Compacted Aggregate Base No. 53
- (C) 6" PCCP on Subgrade Treatment Type IIIA
- (C1) 9" PCCP on Subgrade Treatment Type IIIA
- (C2) Concrete Pavers, Color 2 on 2" Bedding Course of Crushed Aggregate on 6.25" Base Course of Crushed Aggregate
- (C3) Concrete Pavers, Color 3 on 0.75" Rolled Bituminous Setting Bedding on 4.25" PCCP on 13.5" Compacted Aggregate Base No. 53
- (F) Sidewalk, 4" PCCP on 4" Compacted Aggregate Base No. 53
- (F1) Sidewalk Transition
- (K) 1.5" HMA Surface, Type B, 9.5mm on 2.5" HMA Intermediate, Type B, 19.0mm on 2.5" HMA Intermediate, Type B, OG, 19.0mm on 3" HMA Base, Type B, 25.0mm on 12" Compacted Aggregate Base No. 53
- (M) 1.5" HMA Surface Type A on 3.5" HMA Intermediate Type A on Subgrade Treatment Type IIIA
- (U) Underdrain
- (14) Concrete Curb, Barrier, Modified
- (15) Combined Concrete Curb and Gutter
- (26) Sodding on 6" Topsoil
- (X) Concrete Curb Ramp, Type Indicated ADA Curb Ramps to be Built to INDOT Standards with Brick Truncated Domes.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

Z:\2013\13014P Fishers Maple St\Dwg\13014P-TYP.dwg RAD 1/30/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

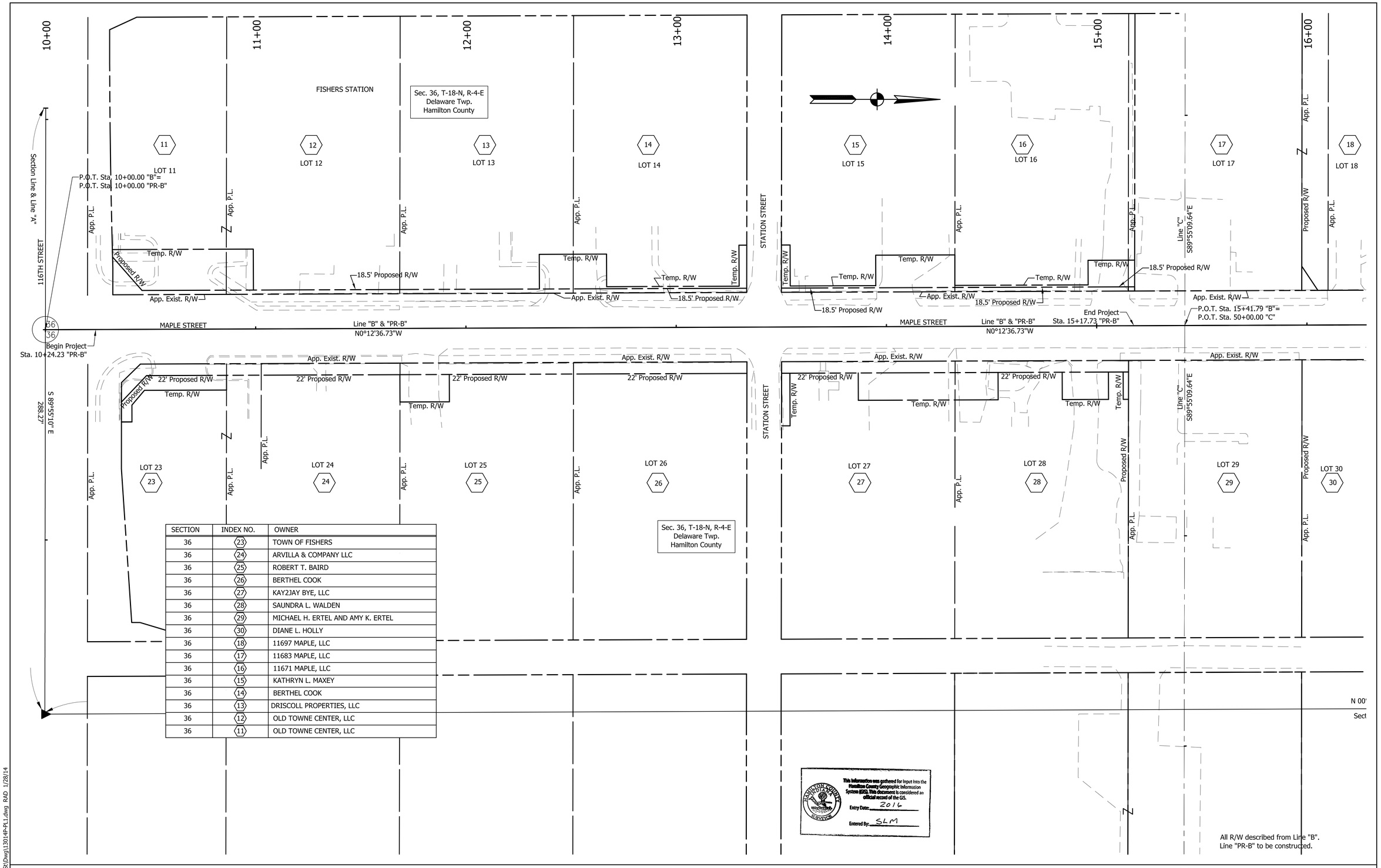
RECOMMENDED FOR APPROVAL	Joseph T. Rengel — DESIGN ENGINEER	3-7-14 DATE	
DESIGNED: RAD MJF	DRAWN: RAD MJF		
CHECKED: JTR	CHECKED: JTR		

TOWN OF FISHERS

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	-
SURVEY BOOK	SHEETS
N/A	3-1 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



SECTION	INDEX NO.	OWNER
36	23	TOWN OF FISHERS
36	24	ARVILLA & COMPANY LLC
36	25	ROBERT T. BAIRD
36	26	BERTHEL COOK
36	27	KAY2JAY BYE, LLC
36	28	SAUNDRA L. WALDEN
36	29	MICHAEL H. ERTEL AND AMY K. ERTEL
36	30	DIANE L. HOLLY
36	18	11697 MAPLE, LLC
36	17	11683 MAPLE, LLC
36	16	11671 MAPLE, LLC
36	15	KATHRYN L. MAXEY
36	14	BERTHEL COOK
36	13	DRISCOLL PROPERTIES, LLC
36	12	OLD TOWNE CENTER, LLC
36	11	OLD TOWNE CENTER, LLC

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2014
Entered By: SLM

Z:\2013\13014P Fishers Maple St\Dwg\13014P-PL1.dwg RAD 1/28/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 3-7-14 DATE

DESIGNED: RAD | DRAWN: RAD
CHECKED: JTR | CHECKED: JTR

TOWN OF FISHERS

PLAT ONE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	-
SURVEY BOOK	SHEETS
N/A	4 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

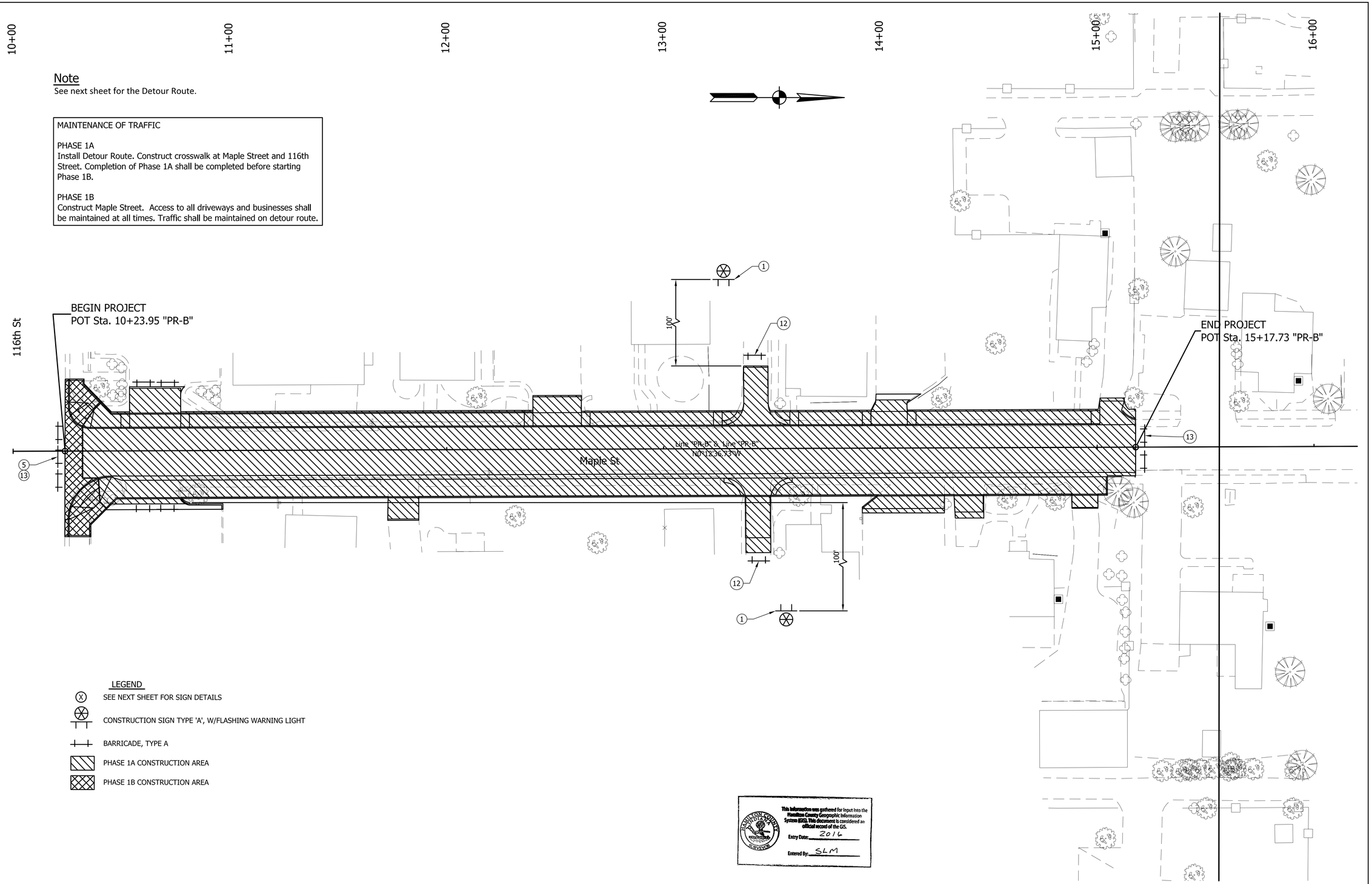
Note

See next sheet for the Detour Route.

MAINTENANCE OF TRAFFIC

PHASE 1A
Install Detour Route. Construct crosswalk at Maple Street and 116th Street. Completion of Phase 1A shall be completed before starting Phase 1B.

PHASE 1B
Construct Maple Street. Access to all driveways and businesses shall be maintained at all times. Traffic shall be maintained on detour route.



LEGEND

- SEE NEXT SHEET FOR SIGN DETAILS
- CONSTRUCTION SIGN TYPE 'A', W/FLASHING WARNING LIGHT
- BARRICADE, TYPE A
- PHASE 1A CONSTRUCTION AREA
- PHASE 1B CONSTRUCTION AREA

HAMILTON COUNTY INDIANA RECORDER SURVEYOR
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Joseph T Rengel — DESIGN ENGINEER	3-7-14 DATE
DESIGNED: JRE	DRAWN: JRE	
CHECKED: RAD	CHECKED: RAD	

TOWN OF FISHERS

MAINTENANCE OF TRAFFIC

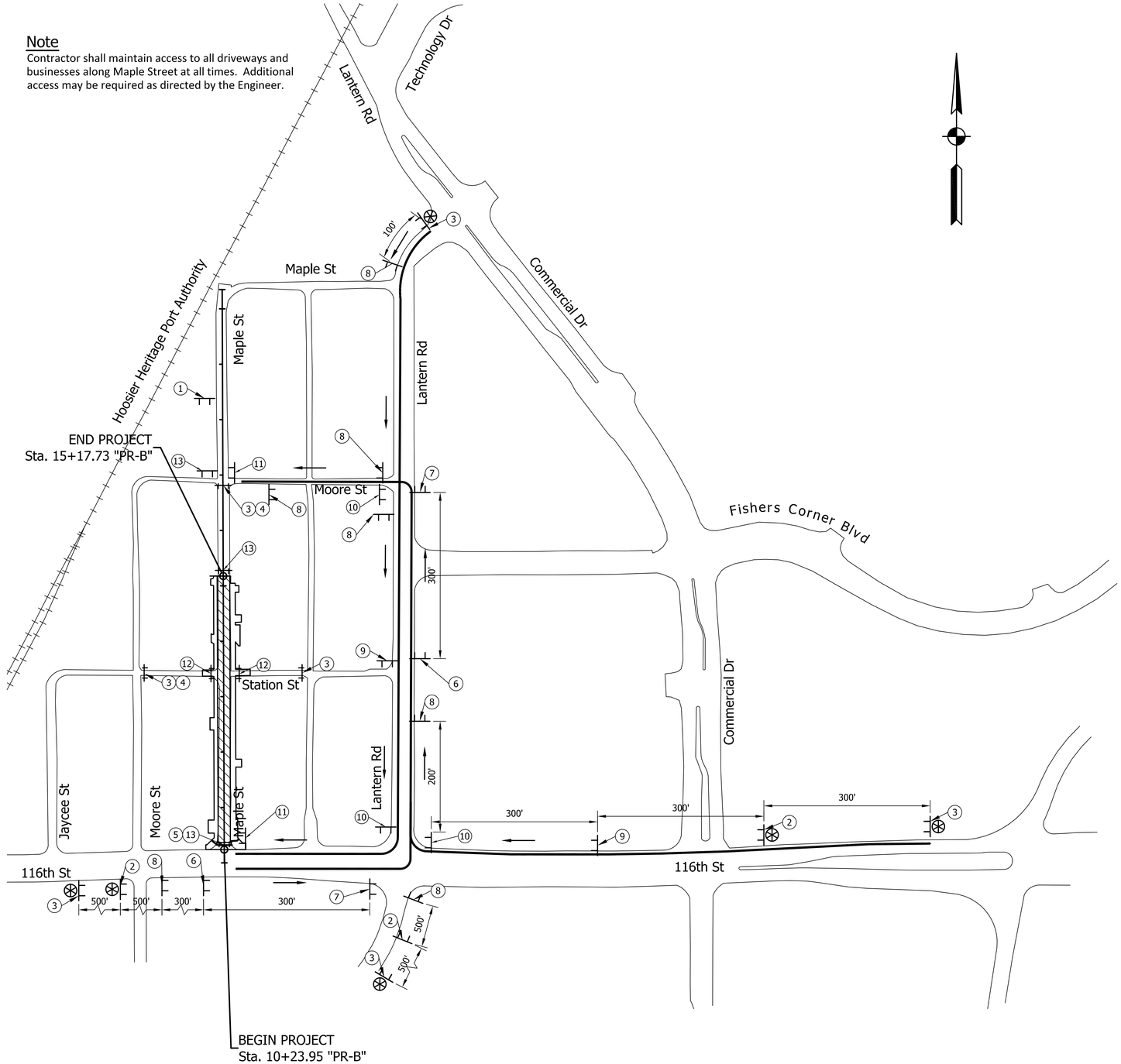
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	-
SURVEY BOOK	SHEETS
N/A	5 of 28
CONTRACT	PROJECT
-	AF-13014P

Z:\2013\13014P Fishers Maple St\Dwg\13014P-MOT.dwg <MOT> RAD 9/26/2013

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060

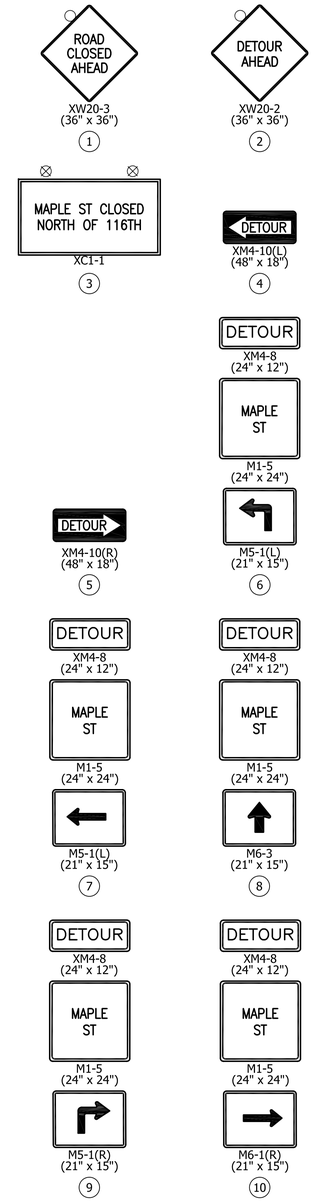
Note

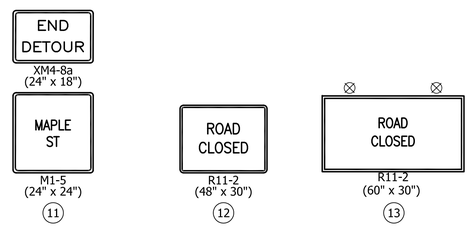
Contractor shall maintain access to all driveways and businesses along Maple Street at all times. Additional access may be required as directed by the Engineer.



LEGEND

- Construction Sign w/ Type "A" Light
- Construction Sign
- Barricade Type III
- Detour Route Maple Street
- Phase 1 Construction Area
- Direction of Detour
- Low Intensity Light
- High Intensity Light.





This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Joseph T Rengel — DESIGN ENGINEER	3-7-14 — DATE	
DESIGNED: JRE	DRAWN: JRE		
CHECKED: RAD	CHECKED: RAD		

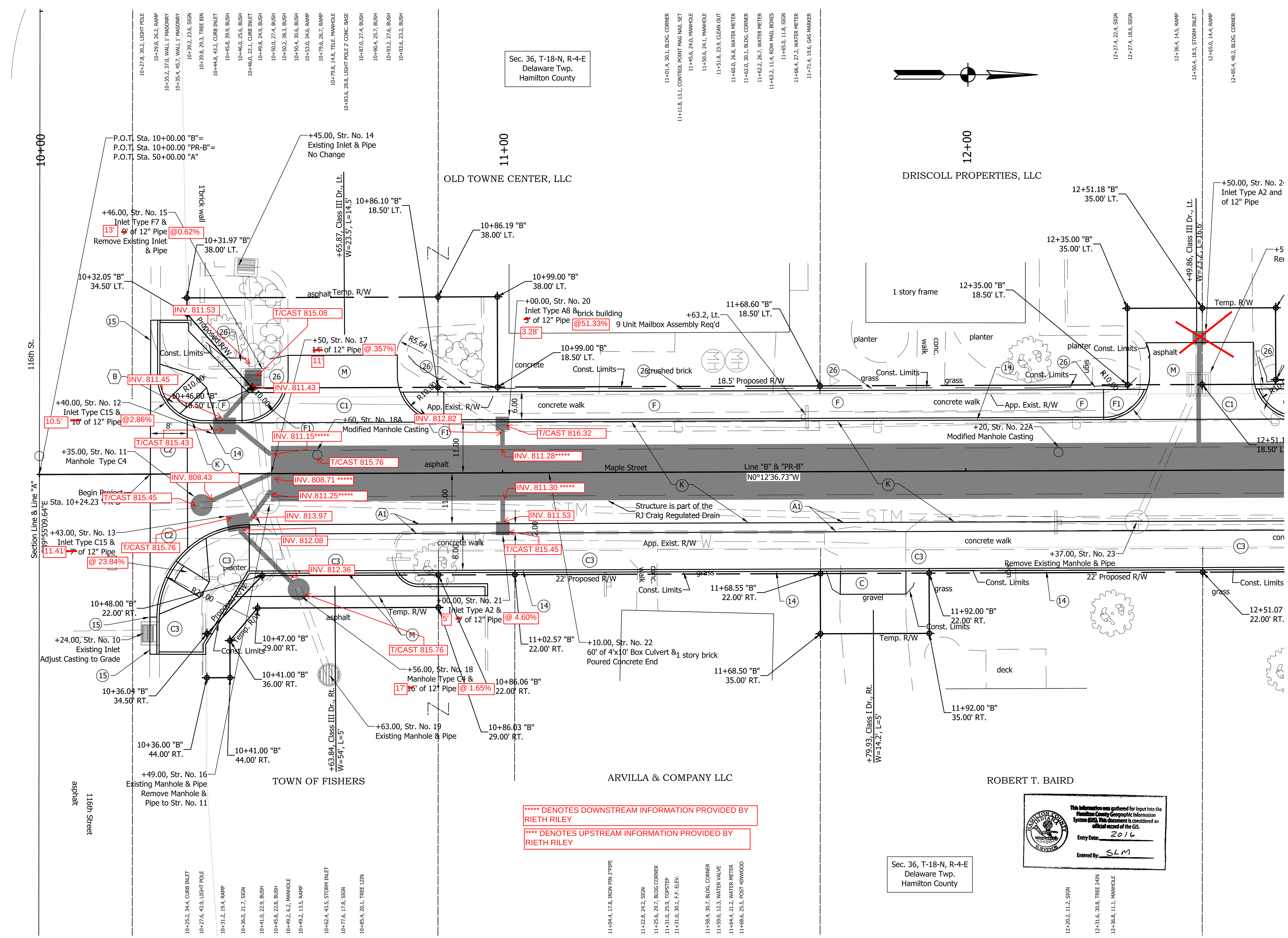
TOWN OF FISHERS

DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	-
SURVEY BOOK	SHEETS
N/A	6-1 of 28
CONTRACT	PROJECT
-	AF-13014P

Z:\2013\13014P Fishers Maple St\Dwg\13014P-MOT.dwg <Detour> RAD 9/26/2013

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



Sec. 36, T-18-N, R-4-E
Delaware Twp.
Hamilton County

LEGEND

- (A1) 21.5" PCCP on 12" Compacted Aggregate Base No. 53
- (C) 6" PCCP on Subgrade Treatment Type IIIA
- (C1) 9" PCCP on Subgrade Treatment Type IIIA
- (C2) Concrete Pavers, Color 2 on 2" Bedding Course of Crushed Aggregate on 6.25" Base Course of Crushed Aggregate
- (C3) Concrete Pavers, Color 3 on 0.75" Rolled Bituminous Setting Bedding on 4.25" PCCP on 13.5" Compacted Aggregate Base No. 53
- (F) Sidewalk, 4" PCCP on 4" Compacted Aggregate Base No. 53
- (F1) Sidewalk Transition
- (K) 1.5" HMA Surface, Type B, 9.5mm on 2.5" HMA Intermediate, Type B, 19.0mm on 2.5" HMA Intermediate, Type B, OG, 19.0mm on 3" HMA Base, Type B, 25.0mm on 12" Compacted Aggregate Base No. 53
- (M) 1.5" HMA Surface Type A on 3.5" HMA Intermediate Type A on Subgrade Treatment Type IIIA
- (U) Underdrain
- (14) Concrete Curb, Barrier, Modified
- (15) Combined Concrete Curb and Gutter
- (26) Sodding on 6" Topsoil
- (X) Concrete Curb Ramp, Type Indicated ADA Curb Ramps to be Built to INDOT Standards with Brick Truncated Domes.

All R/W described from Line "B".
Line "PR-B" to be constructed.

HAMILTON COUNTY INDIANA SURVEYOR
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

Z:\2013\13014P Fishers Maple St\Dwg\13014P-Plan.dwg RAD 1/29/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

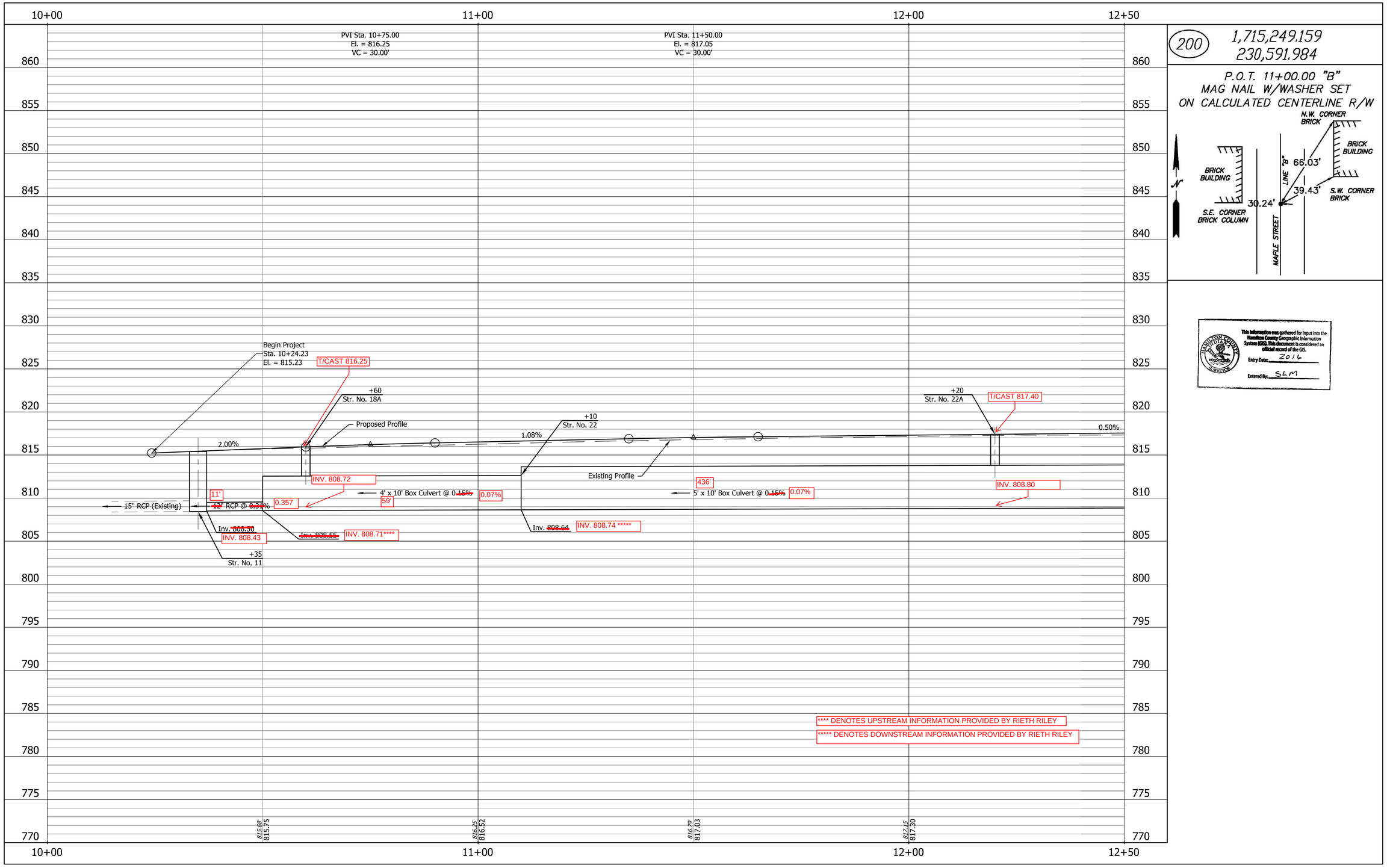
RECOMMENDED FOR APPROVAL	Joseph T Rengel	DESIGN ENGINEER	3-7-14 DATE
DESIGNED: RAD		DRAWN: RAD	
CHECKED: JTR		CHECKED: JTR	

TOWN OF FISHERS

PLAN - LINE "PR-B"
MAPLE STREET STA. 10+00 TO STA. 12+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	-
SURVEY BOOK	SHEETS
N/A	7-1 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



200

1,715,249.159
230,591.984

P.O.T. 11+00.00 "B"
MAG NAIL W/WASHER SET
ON CALCULATED CENTERLINE R/W

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

Z:\2013\13014P Fishers Maple St\Dwg\13014P-Prof.dwg RAD 1-15-14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

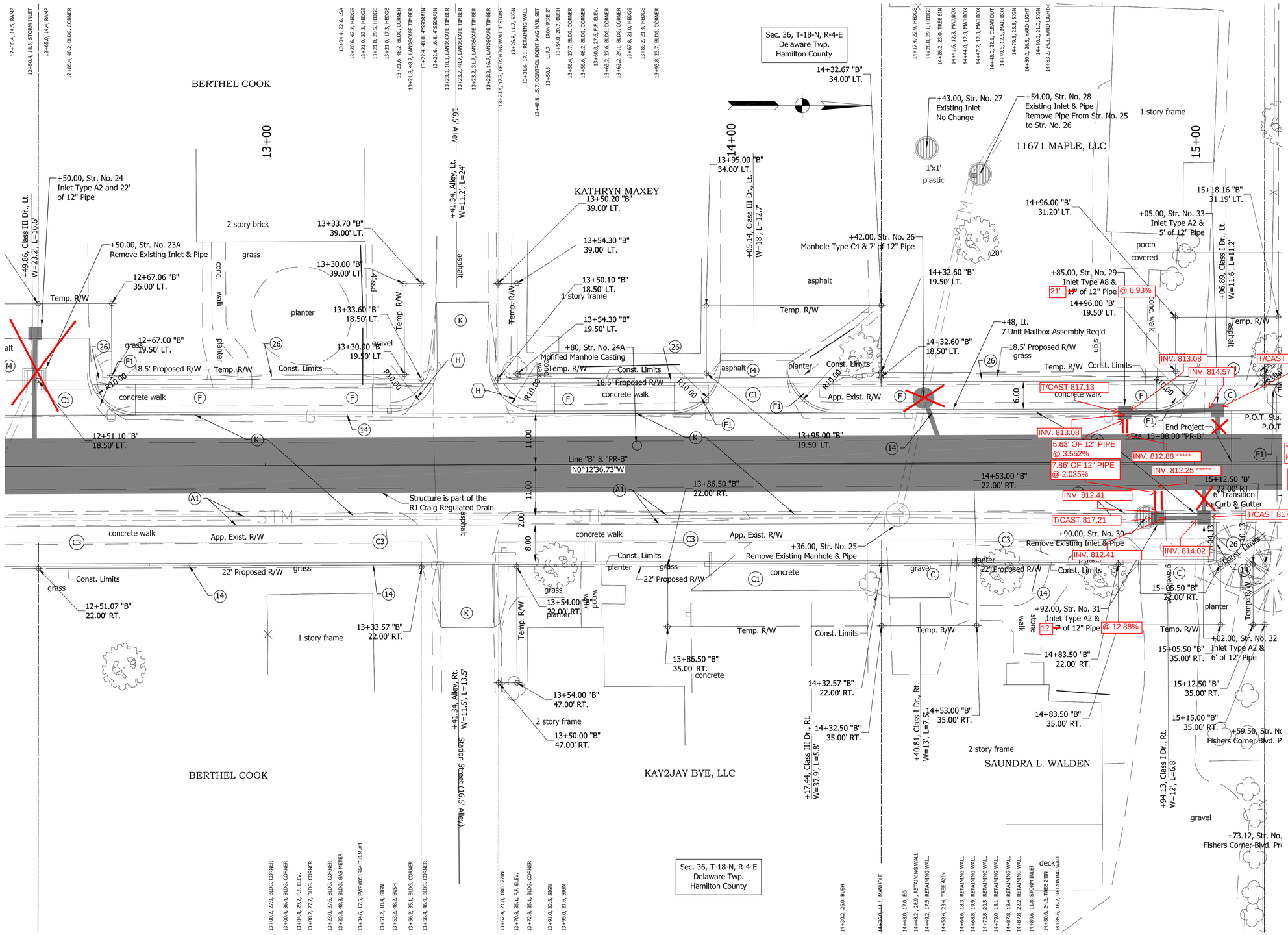
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	3-7-14 DATE
DESIGNED: RAD	DRAWN: RAD	
CHECKED: JTR	CHECKED: JTR	

TOWN OF FISHERS

PROFILE - LINE "PR-B"
MAPLE STREET STA. 10+00 TO STA. 12+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	-
SURVEY BOOK	SHEETS
N/A	8 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



This Information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

***** DENOTES DOWNSTREAM INFORMATION PROVIDED BY RIETH RILEY

**** DENOTES UPSTREAM INFORMATION PROVIDED BY RIETH RILEY

LEGEND

- (A1) 21.5" PCCP on 12" Compacted Aggregate Base No. 53
- (C) 6" PCCP on Subgrade Treatment Type IIIA
- (C1) 9" PCCP on Subgrade Treatment Type IIIA
- (C2) Concrete Pavers, Color 2 on 2" Bedding Course of Crushed Aggregate on 6.25" Base Course of Crushed Aggregate
- (C3) Concrete Pavers, Color 3 on 0.75" Rolled Bituminous Setting Bedding on 4.25" PCCP on 13.5" Compacted Aggregate Base No. 53
- (F) Sidewalk, 4" PCCP on 4" Compacted Aggregate Base No. 53
- (F1) Sidewalk Transition
- (K) 1.5" HMA Surface, Type B, 9.5mm on 2.5" HMA Intermediate, Type B, 19.0mm on 2.5" HMA Intermediate, Type B, OG, 19.0mm on 3" HMA Base, Type B, 25.0mm on 12" Compacted Aggregate Base No. 53
- (M) 1.5" HMA Surface Type A on 3.5" HMA Intermediate Type A on Subgrade Treatment Type IIIA
- (U) Underdrain
- (14) Concrete Curb, Barrier, Modified
- (15) Combined Concrete Curb and Gutter
- (26) Sodding on 6" Topsoil
- (X) Concrete Curb Ramp, Type Indicated ADA Curb Ramps to be Built to INDOT Standards with Brick Truncated Domes.

All R/W described from Line "B".
Line "PR-B" to be constructed.

Z:\2013\13014P Fishers Maple St\Dwg\13014P-Plan.dwg RAD 1/29/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE 3-7-14

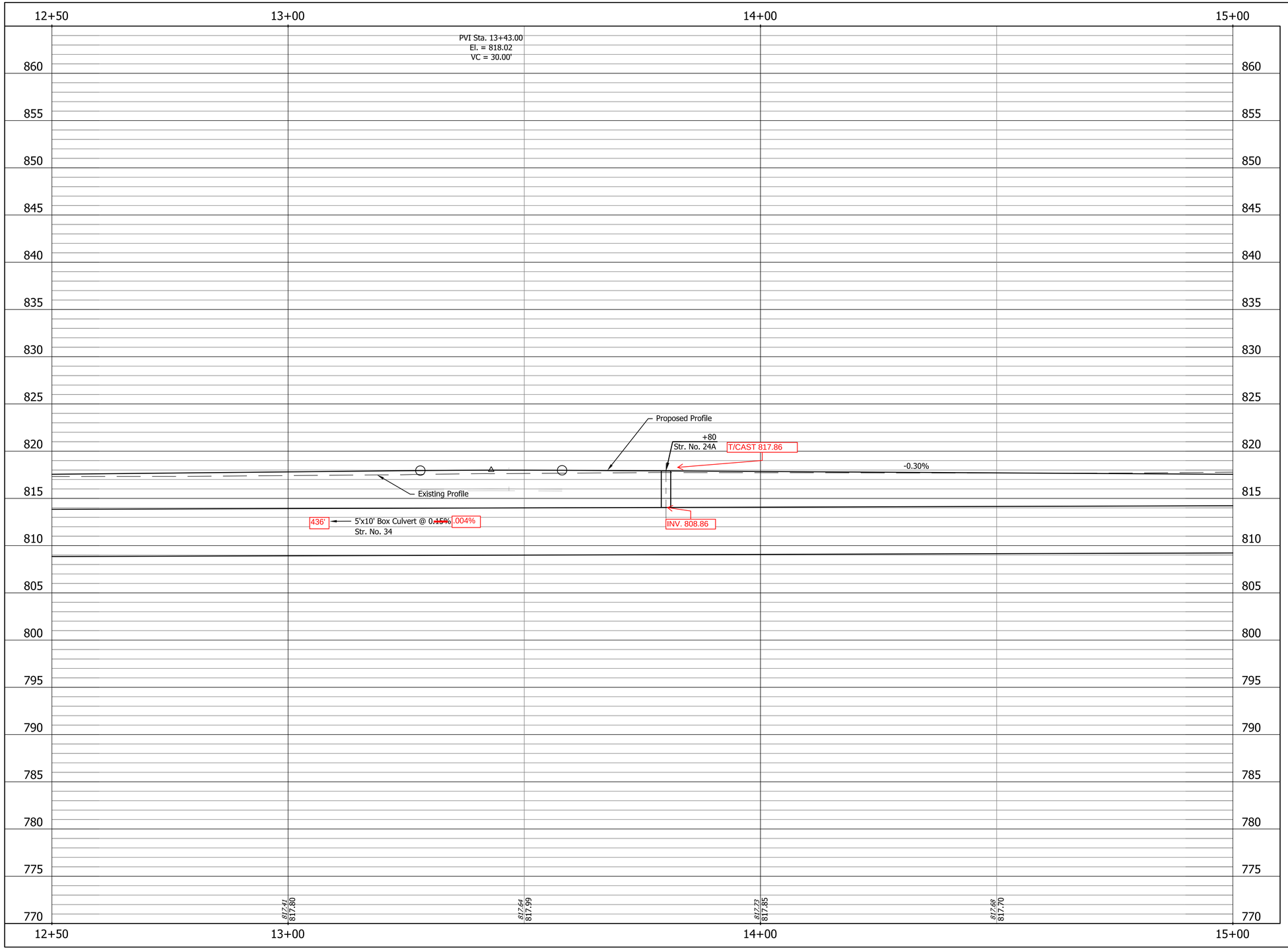
DESIGNED: RAD	DRAWN: RAD
CHECKED: JTR	CHECKED: JTR

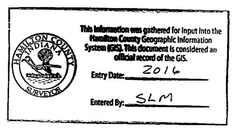
TOWN OF FISHERS

PLAN - LINE "PR-B"
MAPLE STREET STA. 12+50 TO STA. 15+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	-
SURVEY BOOK	SHEETS
N/A	9-1 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060





Z:\2013\13014P Fishers Maple St\Dwg\13014P-Prof.dwg RAD 1-15-14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

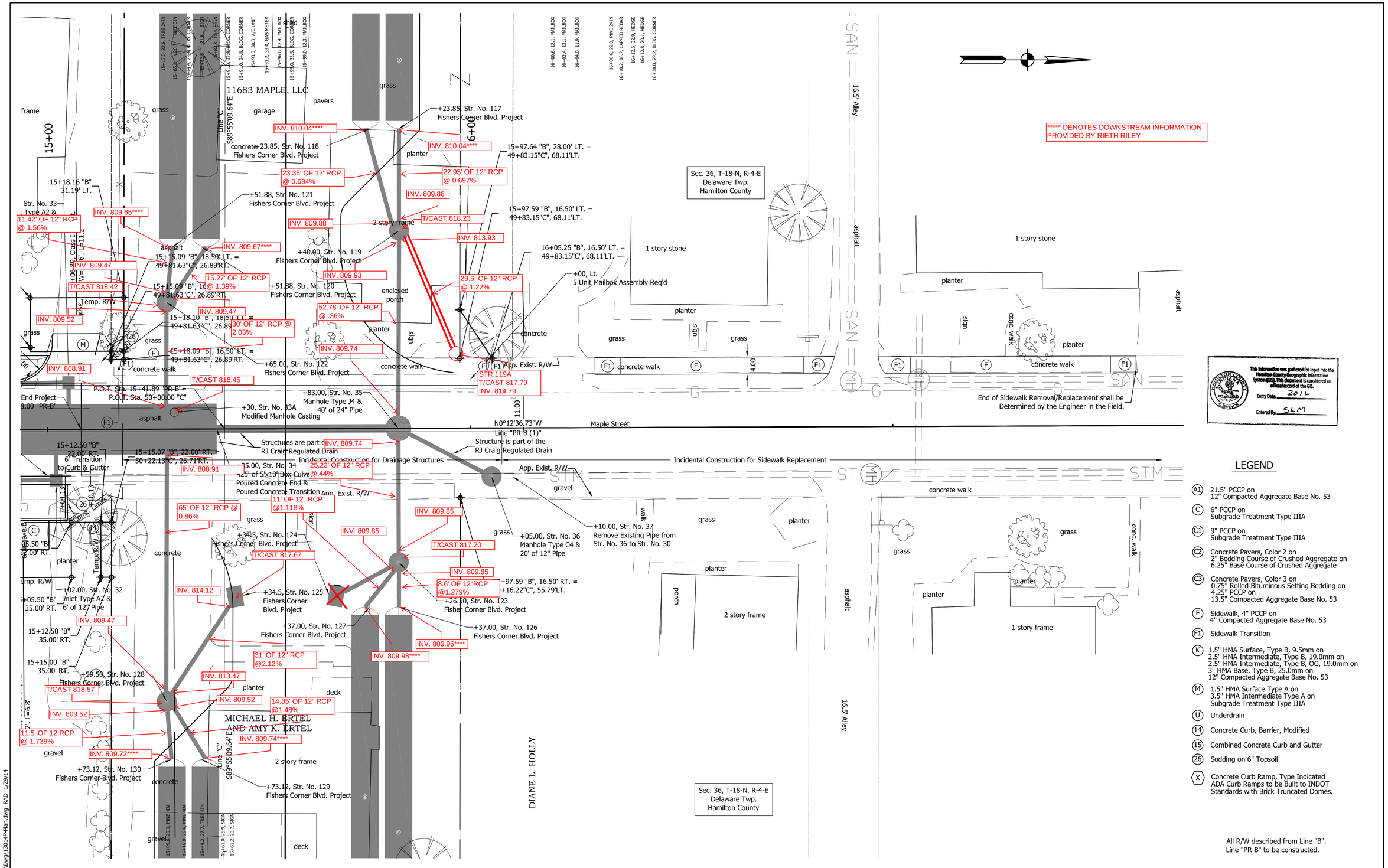
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	3-7-14 DATE
DESIGNED: RAD	DRAWN: RAD	
CHECKED: JTR	CHECKED: JTR	

TOWN OF FISHERS

PROFILE - LINE "PR-B"
MAPLE STREET STA. 12+50 TO STA. 15+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	-
SURVEY BOOK	SHEETS
N/A	10 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



Z:\2013\13014P Fishers Maple St\Dwg\13014P-Plan.dwg RAD 1/29/14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE 3-7-14

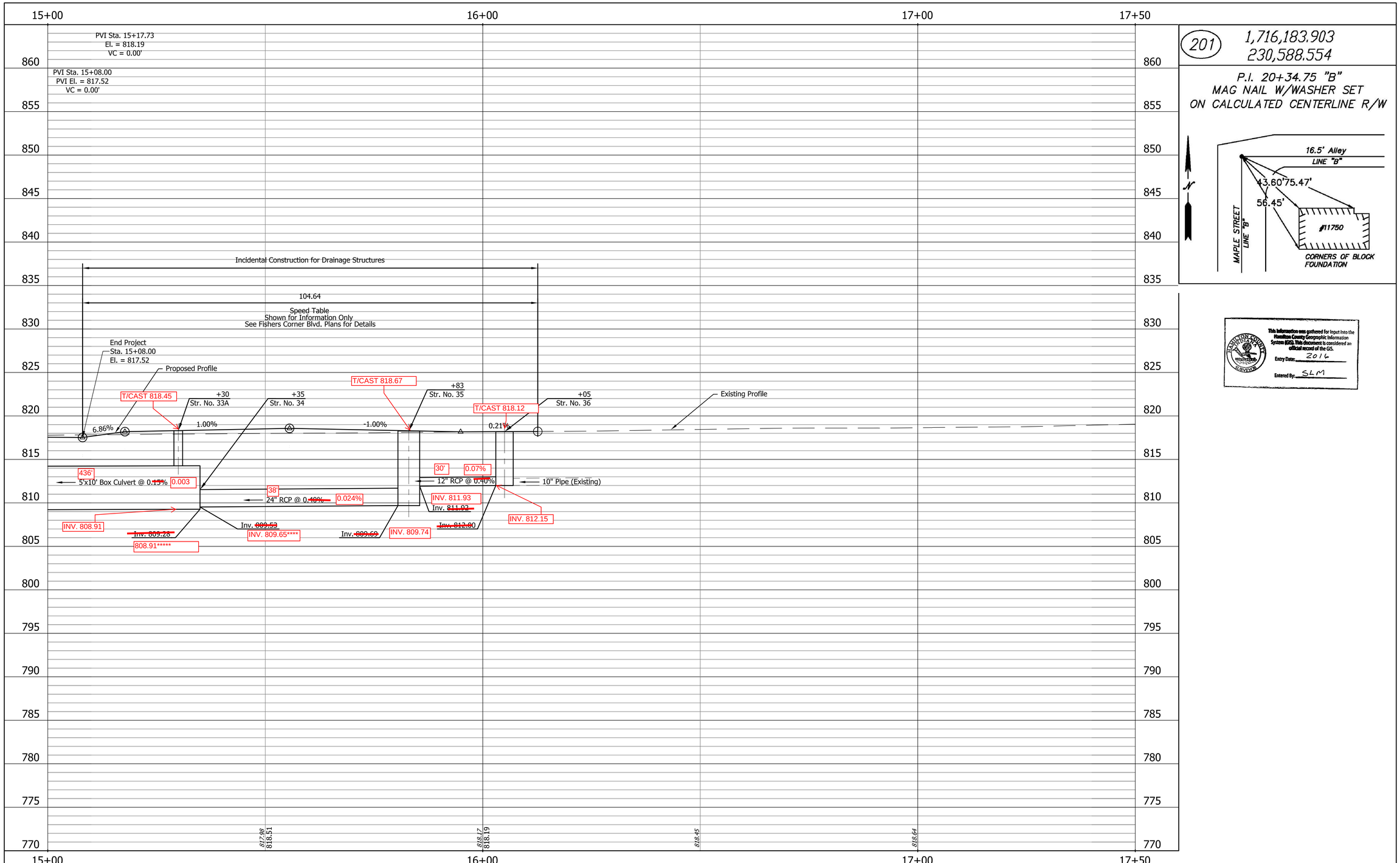
DESIGNED: RAD | DRAWN: RAD
CHECKED: JTR | CHECKED: JTR

TOWN OF FISHERS

PLAN - LINE "PR-B"
MAPLE STREET STA. 15+00 TO STA. 17+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	-
SURVEY BOOK	SHEETS
N/A	11-1 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



201

1,716,183.903
230,588.554

P.I. 20+34.75 "B"
MAG NAIL W/WASHER SET
ON CALCULATED CENTERLINE R/W

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: 2016
Entered By: SLM

Z:\2013\13014P Fishers Maple St\Dwg\13014P-Prof.dwg RAD 1-15-14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

JOSEPH T. RENGEL REGISTERED No.10302408 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 3-7-14 DATE

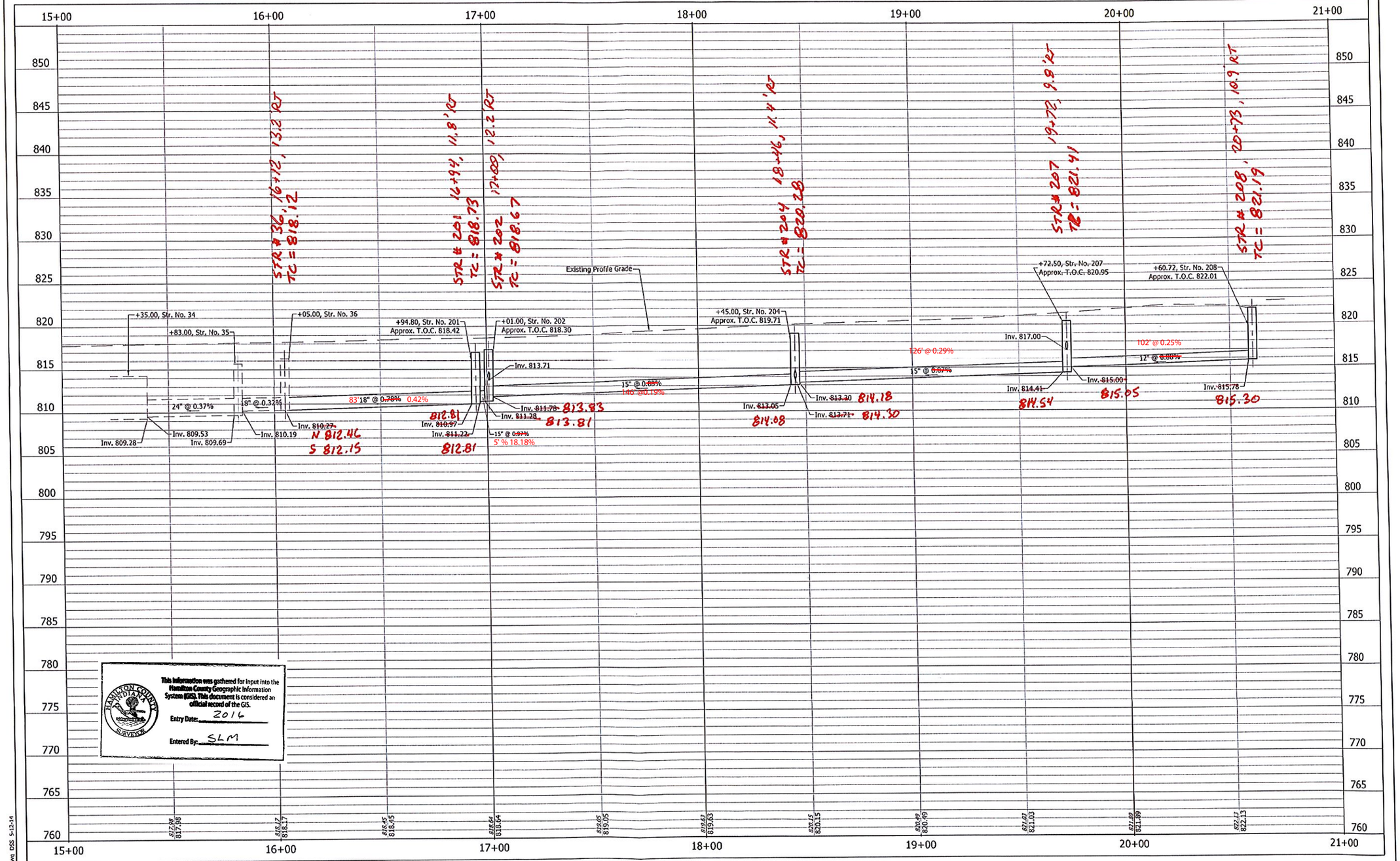
DESIGNED: RAD | DRAWN: RAD
CHECKED: JTR | CHECKED: JTR

TOWN OF FISHERS

PROFILE - LINE "PR-B"
MAPLE STREET STA. 15+00 TO STA. 17+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	-
SURVEY BOOK	SHEETS
N/A	12-1 of 28
CONTRACT	PROJECT
-	AF-13014P

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 2016

Entered By: SLM

HAMILTON COUNTY INDIANA SURVEYOR

Z:\2014\11\40391\Dwg\140391-Prof.dwg DSS 5-12-14

A&F ENGINEERING
Transportation & Site Engineering
Creating Order Since 1966
8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

DOUGLAS S. SCHLOMANN REGISTERED No. 10911295 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6-5-14	DATE
DESIGNED: DSS	DRAWN: DSS		
CHECKED: JTR	CHECKED: JTR		

HAMILTON COUNTY

PROFILE - LINE "PR-B"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION -
SURVEY BOOK N/A	SHEETS 4 of 7
CONTRACT -	PROJECT -

This copy printed from Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste., Noblesville, In 46060