

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

To: Hamilton County Drainage Board

April 14, 2021

Re: Williams Creek D.A. -West 146<sup>th</sup> Street Expansion Project

Attached are as-builts, plans, and other information for the 146<sup>th</sup> St. Road Improvement project. An inspection of the drainage facilities for this project has been made and the facilities were found to be complete and acceptable.

This report will serve as an initial and final report for this construction. This road project began just west of Ditch Road and continued just past Towne Road. The project was managed by the Hamilton County Highway Department and plans being prepared by Beam Longest and Neff with a project number of 138315700LC3. During this construction two regulated drains were affected. Those drains are as follows:

**Williams Creek Drain: Shadow Wood Arm**

**BLN Plans Page 89:** the existing 487 feet of open ditch was replaced and extended with 665 feet of open ditch. Therefore, the drain was lengthened by 178 feet.

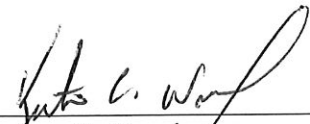
**Williams Creek Drain: Towne Road – 131<sup>st</sup> ST to 146<sup>th</sup> St Reconstruction Arm**

**BLN Plans Page 89:** the existing 104 feet of 36" RCP was removed and replaced with 136 feet of 4.4' x 2.8' ERCP. Therefore, the drain was lengthened by 32 feet.

The work was done within road right of way and existing regulated drain easements. The project was paid for by the Hamilton County Highway Department.

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

Sincerely,



---


Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

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: 2021

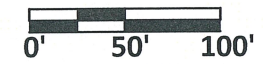
Entered By: SLM



# HAMILTON COUNTY SURVEYOR'S OFFICE

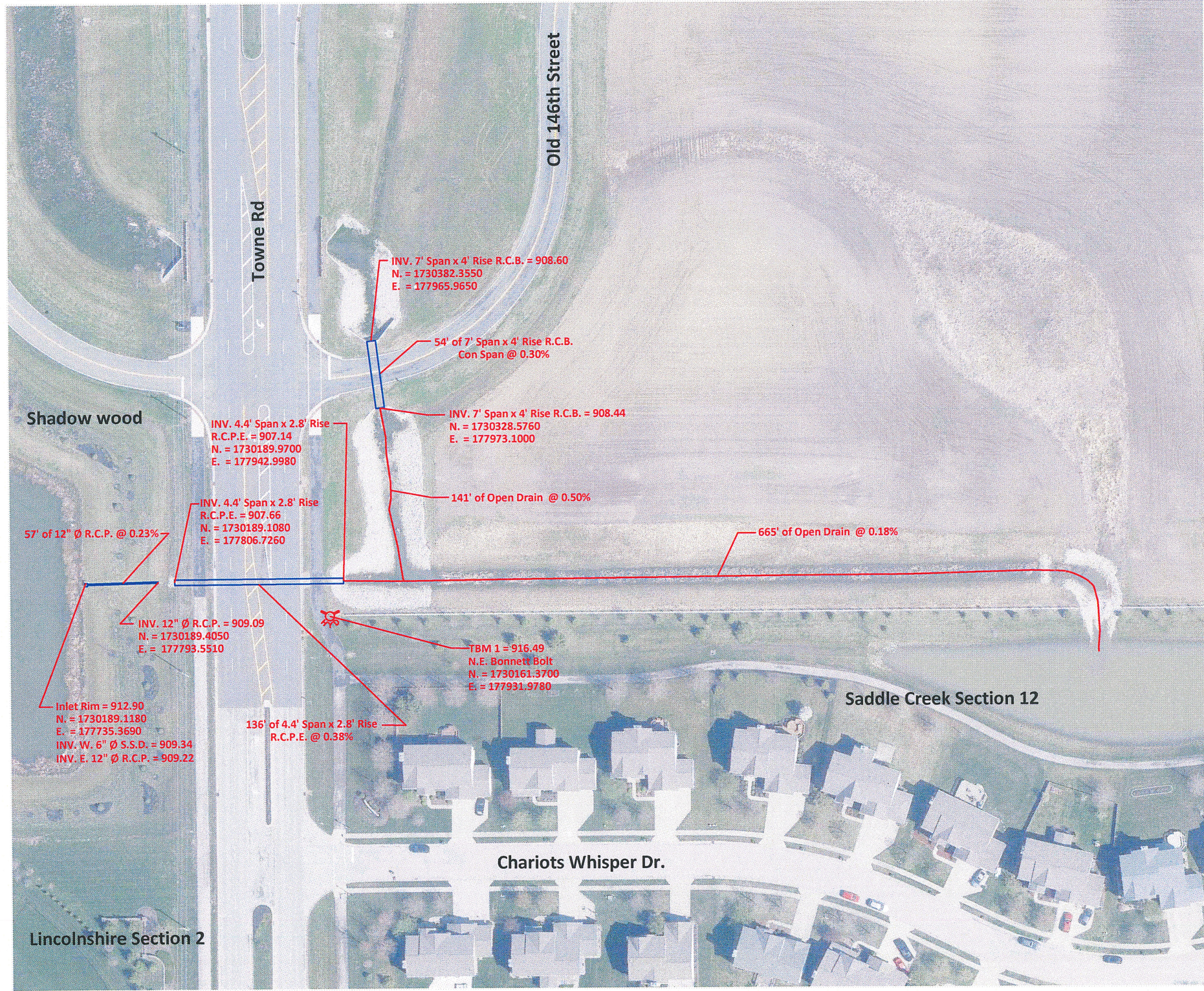
## "AS-BUILT" RECORD DRAWING

### WILLIAMS CREEK REGULATED DRAIN / SHADOW WOOD OFFSITE



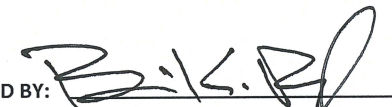
Scale: 1" = 100'  
 F.B. #12 Page 70-73  
 Drawn By: Steve Fesmire  
 DATE: 3-19-2021

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:  
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301  
 VERTICAL DATUM: (NAVD 88) (GEOID 18)



#### "AS-BUILT" CERTIFICATION

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY ON 3/12/2021 Field Book #12 Pages 70-73

CERTIFIED BY:   
 BRIAN K. RAYL, PS  
 PROFESSIONAL SURVEYOR  
 INDIANA LICENSE NO. 20100070

DATE: MARCH 19, 2021



THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OF ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT



HAMILTON COUNTY, INDIANA  
 HAMILTON COUNTY SURVEYOR'S OFFICE  
 HAMILTON COUNTY GOVERNMENT AND JUDICIAL CENTER  
 ONE HAMILTON COUNTY SQUARE, SUITE 188  
 NOBLESVILLE, IN 46060  
 PHONE: (317) 776-8495  
 FAX: (317) 776-9628  
 SURVEYOR@HAMILTONCOUNTY.IN.GOV

PROJECT	138315700CJ
CONTRACT	R-36876
DESIGNATION	1383157

BOARD OF COMMISSIONERS  
HAMILTON COUNTY

APPROVED  
*Christine Altman* Date: \_\_\_\_\_  
Christine Altman

*Steven C. Dillinger*  
Steven C. Dillinger  
*Mark Heibrant*  
Mark Heibrant

ATTEST  
Dawn Coverdale Date: 9/12/16  
Dawn Coverdale, County Auditor

COUNTY ERC  
*Joel Thurman* Date: 9/12/16  
Joel Thurman, Hamilton County Highway Department

INDIANA DEPARTMENT  
OF TRANSPORTATION

WEST 146TH STREET EXPANSION

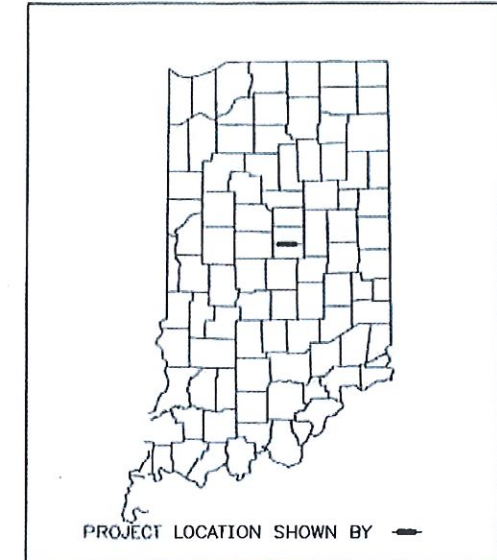
REALIGNMENT AND EXPANSION OF W. 146TH STREET BEGINNING AT A POINT ON THE CENTERLINE OF 146th STREET APPROXIMATELY 0.2 MILES WEST OF TOWNE ROAD AND CONTINUING EAST TO A POINT ON THE CENTERLINE OF 146th STREET APPROXIMATELY 0.2 MILES WEST OF DITCH ROAD IN HAMILTON COUNTY.

SECTIONS 16-17, T-18-N, R-3-E, IN WASHINGTON TOWNSHIP, HAMILTON COUNTY, INDIANA  
SECTIONS 20-21, T-18-N, R-3-E IN CLAY TOWNSHIP, HAMILTON COUNTY, INDIANA

LATITUDE: 39°59'57" N  
LONGITUDE: 86°12'10" W

GROSS LENGTH: 0.98 miles  
NET LENGTH: 0.98 miles  
MAXIMUM GRADE: -1.00%

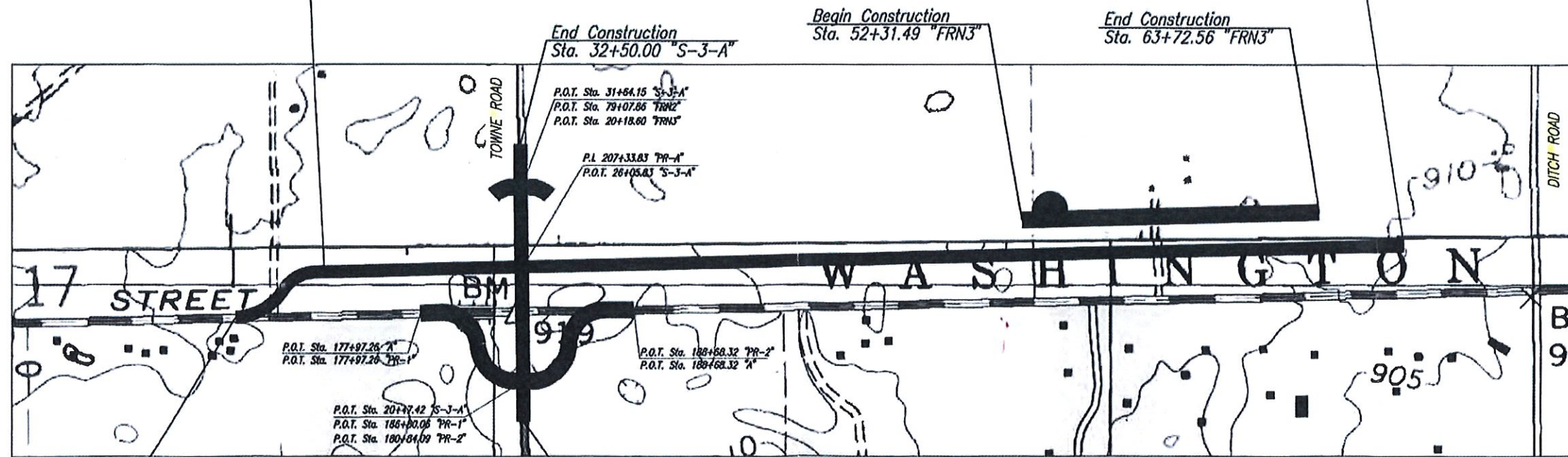
TRAFFIC DATA	146th St.	Towne Rd.	Frontage Roads
ADT (2014)	9,935	5,080	2,110
ADT (2034)	15,450	7,200	3,220
ADT (2034)	2,050	1,030	375
DIRECTIONAL DISTRIBUTION	50%	51%	50%
TRUCKS	1.1%	1.0%	1%
DESIGN DATA			
DESIGN SPEED	45 M.P.H.	45 M.P.H.	25 M.P.H.
PROJECT DESIGN CRITERIA	4E (20M FREEWAY)	4E (20M FREEWAY)	4E (20M FREEWAY)
CHAD FUNCTIONAL CLASSIFICATION	MAJOR (COLLECTOR)	MAJOR (COLLECTOR)	N/A
LOCAL FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL	PRINCIPAL ARTERIAL	LOCAL ROAD
RURAL/URBAN	URBAN (SUBURBAN)	URBAN (SUBURBAN)	URBAN (SUBURBAN)
TERRAIN	LEVEL	LEVEL	LEVEL
ACCESS CONTROL	LIMITED	NONE	NONE



R-36876

BEGIN PROJECT 1383157  
STA. 201+00.00 LINE "PR-A"  
=STA. 201+00.00 LINE "PR-3"

END PROJECT 1383157  
STA. 252+90.05 LINE "PR-A"



Begin Incidental Construction  
Sta. 194+44.98 Line "PR-3"

Begin Construction  
Sta. 18+10.00 "S-3-A"

LOCATION MAP  
Hamilton County

[INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2016 TO BE USED WITH THESE PLANS]

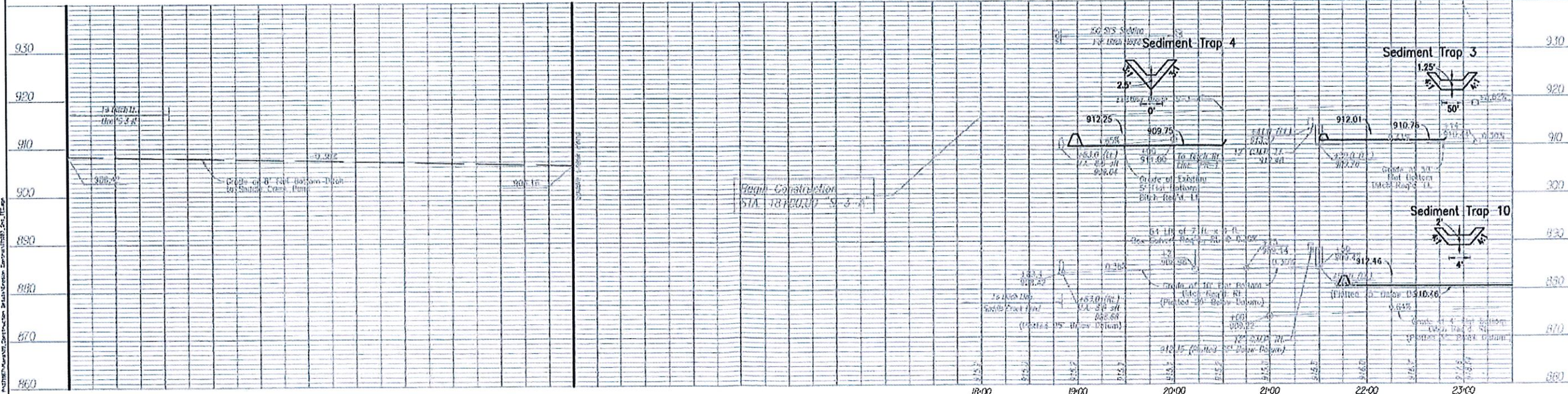
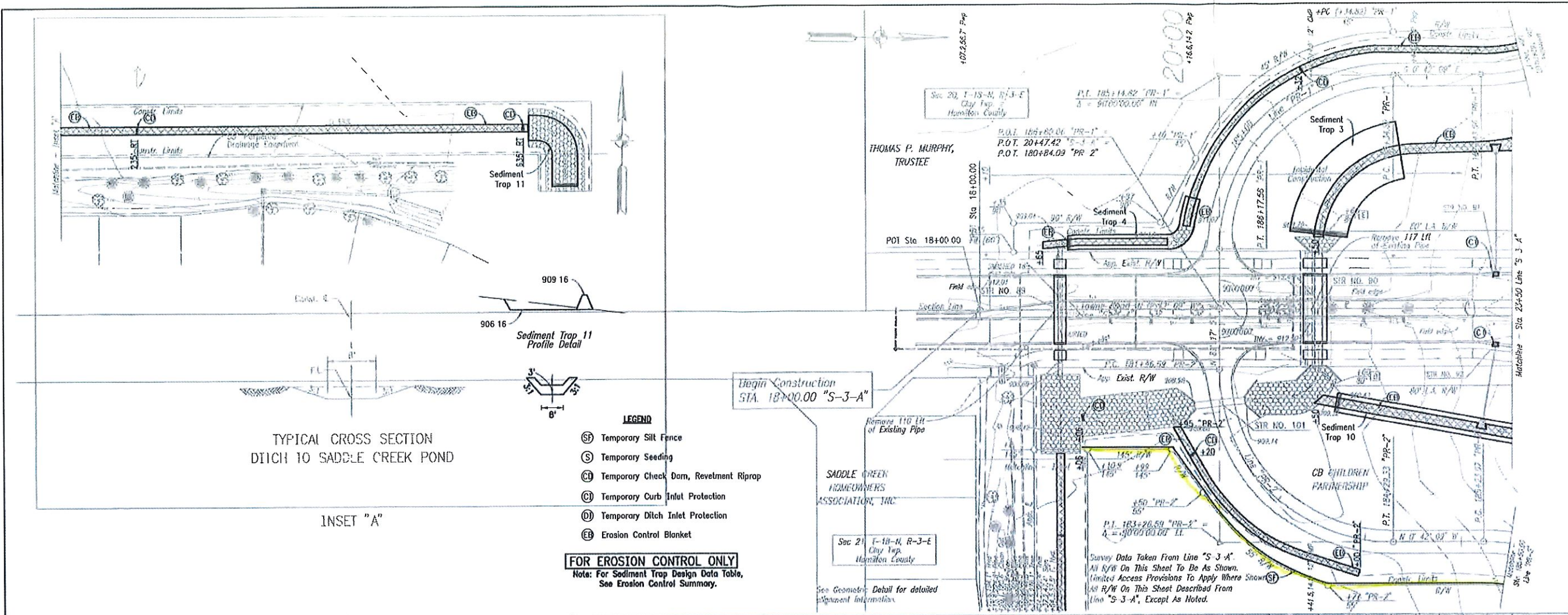
AS-BUILT PLANS  
No Significant Changes

*[Signature]*  
(signature)

PLANS PREPARED BY: BEAM, LONGEST and NEFF (317) 849-5832  
PHONE NUMBER  
CERTIFIED BY: *[Signature]* SEPTEMBER 2, 2016 DATE  
APPROVED FOR LETTING: \_\_\_\_\_ DATE  
CHIEF, DIVISION OF DESIGN



DESIGNATION	1383157
SHEETS	1 of 171
CONTRACT	R-36876
PROJECT	138315700CJ



TYPICAL CROSS SECTION  
DITCH TO SADDLE CREEK POND

INSET "A"

- LEGEND**
- Ⓢ Temporary Silt Fence
  - Ⓢ Temporary Seeding
  - Ⓢ Temporary Check Dam, Revetment Riprap
  - Ⓢ Temporary Curb Inlet Protection
  - Ⓢ Temporary Ditch Inlet Protection
  - Ⓢ Erosion Control Blanket

**FOR EROSION CONTROL ONLY**  
Note: For Sediment Trap Design Data Table,  
See Erosion Control Summary.

**AS-BUILT PLANS**  
No Significant Changes

*(Signature)*

RECOMMENDED FOR APPROVAL *(Signature)* 9/4/2016  
DESIGN ENGINEER DATE

DESIGNED: MAK DRAWN: RLH  
CHECKED: WJW CHECKED: WJW

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL DETAILS**  
**BEGIN TO STA 23+00 "S-3-A"**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO 1381157
SURVEY BOOK ELECTRONIC	SHEETS 89 of 171
CONTRACT R-16876	PROJECT NO 138115700LC3