PROJECT	DESIGNATION
0710808	0710808
CONTRACT	
R-33319	

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

MOUNT TABOR RD. RECONSTRUCTION
FROM GRANT LINE RD. TO 393 FT. EAST OF KLERNER LANE
NEW ALBANY, INDIANA

TRAFFIC DATA	Mount Tabor Rd. – Line "PR–A"	Klerner Ln. – Line "PR–S–1–A"
A.A.D.T. (2018)	10,859 V.P.D.	7,738 V.P.D.
A.A.D.T. (2038)	15,669 V.P.D.	9,771 V.P.D.
D.H.V. (2038)	1,221 V.P.H.	861 V.P.H.
DIRECTIONAL DISTRIBUTION	51% EB	53% SB
TRUCKS	2% D.H.V.	2% D.H.V.
	2% A.A.D.T.	2% A.A.D.T.
DESIGN DATA		
DESIGN SPEED	(POSTED 30 M.P.H.) 30 M.P.H.	(POSTED 30 M.P.H.) 30 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON – FREEWAY)	3R (NON – FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL	MINOR ARTERIAL
RURAL/URBAN	URBAN (Built–Up)	URBAN (Built–Up)
TERRAIN	ROLLING	ROLLING
ACCESS CONTROL	NONE	NONE



PROJECT LOCATION SHOWN BY

CITY OF NEW ALBANY
APPROVED BY: DATE: 10-27-17

MAYOR: Jeff Gahan

BOARD OF WORKS MEMBER: Cheryl Bailey Cheryl Cotner

BOARD OF WORKS MEMBER: Michael A. Thompson Mickey Thompson

BOARD OF WORKS MEMBER: Warren Nash, President

RECOMMENDED FOR APPROVAL:

CITY ENGINEER, ERC Larry M. Summers, PE

PROJECT NO. 0710808 P.E.
PROJECT NO. 0710808 R/W
PROJECT NO. 0710808 CONST.

Begins at the intersection of SR 111 (Grant Line Road) and proceeds easterly along Mount Tabor Road to 393' past the intersection of Klerner Lane. All within Survey 62 and 63 of the Illinois Grant, in the City of New Albany, New Albany Township, Floyd County, Indiana.

LAT: N 38° 19' 34.9"
LONG: W 85° 49' 09.1"

Gross Length = 0.838 Miles
Net Length = 0.838 Miles

Max. Grade: 6.64%

SCALES PLAN { Long.: – 1" = 30' / Trans.: – 1" = 30' } PROFILE { Horiz.: – 1" = 30' / Vert.: – 1" = 5' }

N

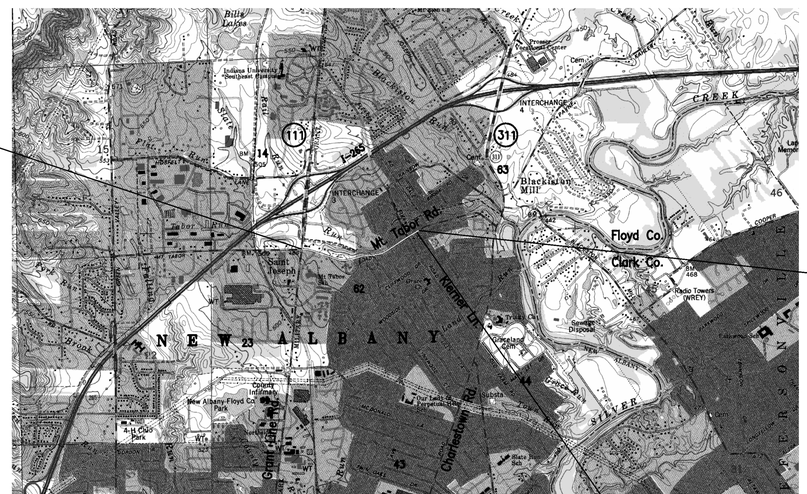
SCALE: 1: 2000

R 6 E

T 2 S

BEGIN PROJECT 0710808
STA. 5+10.36 "PR–A"

END PROJECT 0710808
STA. 40+70.00 "PR–A"



EQUATION:
PT Sta 46+15.87 "PR–A" BK =
POT Sta 46+15.88 "PR–A" AH

LOCATION MAP

FLOYD CO., INDIANA

[INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2018 TO BE USED WITH THESE PLANS]

Plans Prepared By:

BLN: BEAM·LONGEST·NEFF
8126 Castleton Road, Indianapolis, IN 46250 www.B-L-N.com
Phone: 317.849.5832 Fax: 317.841.4280

PLANS PREPARED BY: Beam, Longest & Neff, L.L.C. (317) 849–5832
PHONE NUMBER

CERTIFIED BY: Monte S Mildenberg 10/30/2017
DATE

APPROVED FOR LETTING:
INDIANA DEPARTMENT OF TRANSPORTATION DATE

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGNATION NO.	
0710808	
SHEETS	
1 of 146	
CONTRACT	PROJECT NO.
R–33319	0710808

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UTILITIES

CABLE:	Charter Communications 10168 Linn Station Rd. #120 Louisville, KY 40239 Attn: Kevin Mercer Ph: 502-357-4724 Email: kevin.mercer@charter.com	ELECTRIC:	Duke Energy 342 East Washington St. Greensburg, IN 47240 Attn: Brian York Ph: 812-662-2037 Cell: 317-606-9367 Email: brain.york@duke-energy.com
WATER:	Indiana American Water 555 E. County Line Rd., Suite 201 Greenwood, IN 46143 Attn: Rebecca Ashack Ph: 317-885-2444 Fax: 317-885-2431 Email: rebecca.ashack@amwater.com	GAS:	Vectren Energy Delivery 2520 Lincoln Dr. Clarksville, IN 47129 Attn: Paul Schroeder Ph: 812-948-4954 Email: pschroeder@vectren.com
FIBER:	Zayo Bandwidth 9209 Castlegate Dr. Indianapolis, IN 46256 Attn: Waylon Higgins Ph: 765-341-1199 Email: inky_relo@zayo.com	TELEPHONE:	AT&T Indiana 510 East Spring St. New Albany, IN 47150 Attn: Monte Gullion Ph: 812-948-7179 Fax: 812-948-7156 Email: mg4381@att.com
FIBER:	Zayo Bandwidth 9209 Castlegate Dr. Indianapolis, IN 46256 Attn: Joshua Huffman Email: inky_relo@zayo.com	SEWER:	City of New Albany 38 W. 10th St. New Albany, IN 47150 Attn: Scott Wilkinson Ph: 812-948-5320 Fax: 812-948-6805 Email: swilkinson@cityofnewalbany.com

REVISIONS

SHEET NO.	DATE	REVISED

R/W INDEX

SHEET NO.	DESIGNATION

GENERAL NOTES

XX	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. ------ and Sta ------, shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
XX	The Project will be constructed in two parts. Project 1 will reconstruct Mt. Tabor Road from Grant Line Road through Klerner Lane. Project 2 will complete the reconstruction of Mt. Tabor Road from East of Klerner Lane to Charlestown Road in a future project.
XX	Removal of existing storm structures will be included in the Clearing Right of Way Pay Item.

* * REPRESENTS GENERAL NOTES REQUIRED

INDEX TO SHEETS

SHEET NO.	DRAWING INDEX
1	TITLE SHEET
2	INDEX SHEET
3-4	TYPICAL CROSS SECTIONS
5-9	PLAT 1
10-14	GEOMETRIC DETAILS
15-36	MAINTENANCE OF TRAFFIC
37-57	PLAN AND PROFILE
58	SUPERELEVATION DIAGRAM
59-67	SPOT ELEVATIONS
68-70	DRIVEWAY DETAILS
71-78	RETAINING WALL DETAILS
79-86	EROSION CONTROL PLAN
87-88	TRAFFIC SIGNAL DETAILS
89-94	PAVEMENT MARKING AND SIGNING DETAILS
95	EROSION CONTROL QUANTITY TABLES
96	MISCELLANEOUS QUANTITY TABLES
97	SIGN TABLE
98-99	PAVEMENT MARKING QUANTITIES
100-101	PAVEMENT QUANTITIES AND APPROACH TABLE
102-105	STRUCTURE DATA TABLE
106	PIPE MATERIAL TABLE
107-146	CROSS SECTIONS

LEGEND

(C1) PCCP for Approaches, 6 in. on
Subgrade Treatement, Type II

(C3) PCCP for Approaches, 9 in. on
Subgrade Treatement, Type II

(D2) HMA for Approaches
165#/syd. HMA Surface Type B on
385#/syd. HMA Intermediate Type B on
Subgrade Treatement, Type II

(D4) HMA for Approaches
165#/syd. HMA Surface Type B on
275#/syd. HMA Intermediate Type B on
440#/std. HMA Base Type B on
Subgrade Treatement, Type II

(F) Sidewalk, Concrete

(K) Full Depth
165 lb/syd QC/QA HMA, 2, 64, Surface, 9.5 mm, on
275 lb/syd QC/QA HMA, 2, 64, Intermediate, 19.0 mm, on
440 lb/syd QC/QA HMA, 2, 64, Base, 25.0 mm, on
3" Compacted Aggregate No. 53 on
Subgrade Treatment, Type IB

(R) HMA Resurfacing
165 lb/syd QC/QA HMA, 2, 64, Surface, 9.5 mm, on
Milling, Transition

(O) 6 in. Compacted Aggregate No. 73

(H) Hand Rail, Pedestrian

(S) Steps, Concrete

(15) Curb and Gutter, Concrete

(16) Curb, Concrete

(26) Sodding, Nursery

(29) Seed Mixture U

(36) Pavement Message Marking, Thermoplastic, "ONLY"

(37) Pavement Message Marking, Thermoplastic Lane Indication Arrow

(43) Traverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.

(44) Traverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.

(45) Traverse Marking, Thermoplastic, Stop Line, White, 24 in.

(46) Line, Thermoplastic, Solid, White, 4 in.

(47) Line, Thermoplastic, Solid, Yellow, 4 in.

(91) Remove Structure

(CR) Curb Ramp, Concrete
(See Curb Ramp Details)

(ST) Sidewalk Elevation Transition

Mailbox Assembly

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM DRAWN: JCO
CHECKED: KJR CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MOUNT TABOR ROAD
INDEX SHEET

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	2 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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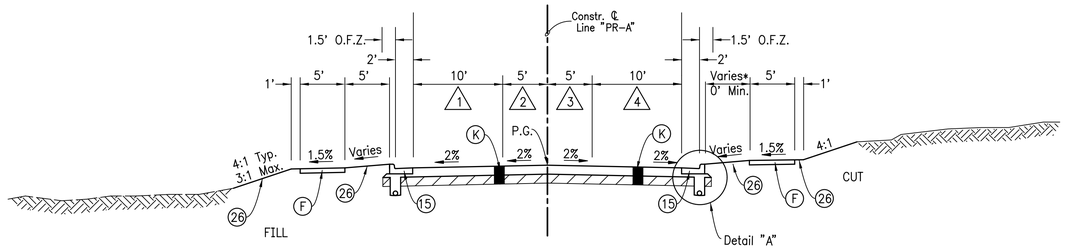
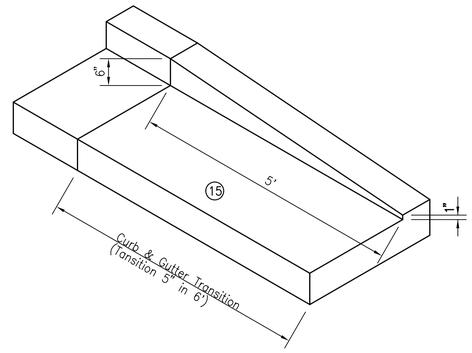


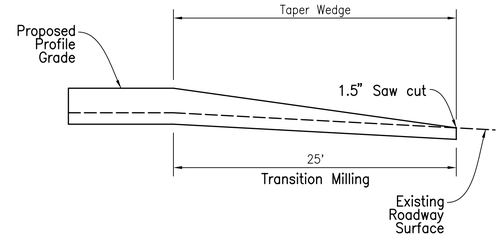
MT. TABOR ROAD
STA. 5+10.36 TO STA. 7+80.00 "PR-A"

* See Plan Sheet

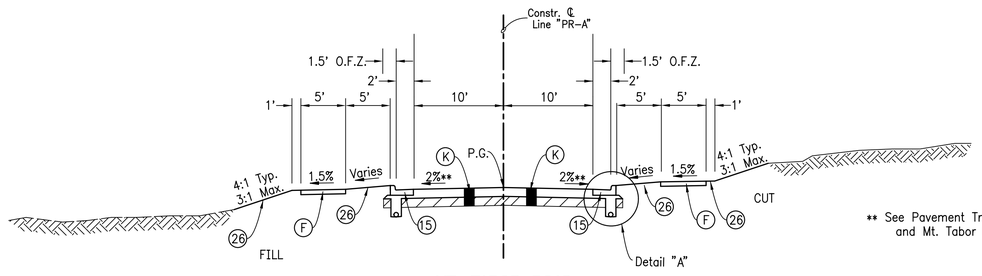
1 Varies 10' at Sta. 6+30.00 to 0' at Sta. 7+30.54
2 Varies 5' at Sta. 6+30.00 to 10' at Sta. 7+30.54
3 Varies 5' at Sta. 6+30.00 to 0' at Sta. 7+80.00
4 Varies 14.3' at Sta. 5+52.17 to 10' at Sta. 6+00.00



CURB & GUTTER TRANSITION

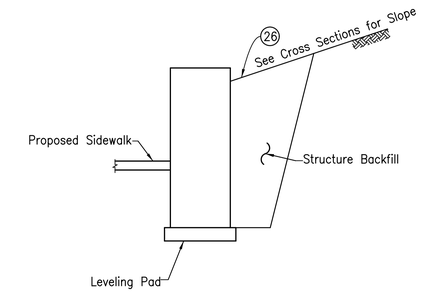


ASPHALT WEDGE DETAIL AT PAVEMENT TERMINI

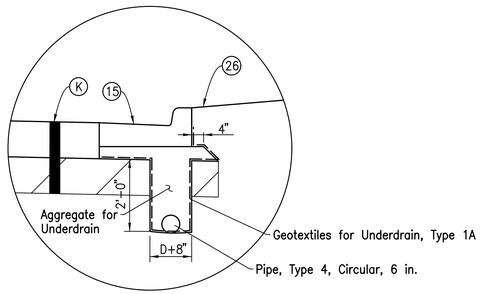


MT. TABOR ROAD
STA. 7+80.00 TO STA. 33+20.00 "PR-A"
STA. 40+20.00 TO STA. 40+70.00 "PR-A"

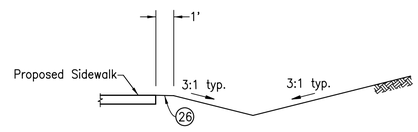
** See Pavement Transition Diagram for Klerner Lane and Mt. Tabor Road Intersection



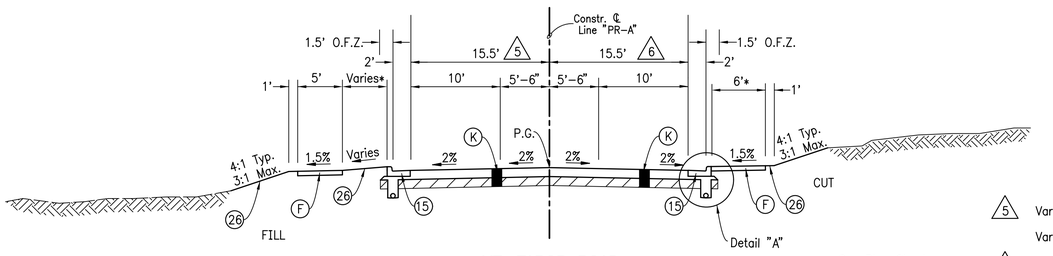
TYPICAL MODULAR BLOCK RETAINING WALL SECTION
(N.T.S.)
Sta. 6+48 "PR-A" Rt. to 8+31 "PR-A" Rt.
See Modular Block Wall Details



DETAIL "A"
(N.T.S.)



ALTERNATE DITCH SECTION
(N.T.S.)
Sta. 9+40 "PR-A" Rt. to 10+00 "PR-A" Rt.



MT. TABOR ROAD
STA. 33+20.00 TO STA. 40+20.00 "PR-A"

* See Plan Sheet

5 Varies 10' at Sta. 34+20.00 to 15.5' at Sta. 35+20.00
Varies 15.5' at Sta. 39+20.00 to 10' at Sta. 40+20.00
6 Varies 10' at Sta. 33+20.00 to 15.5' at Sta. 34+20.00
Varies 15.5' at Sta. 38+22.90 to 10' at Sta. 40+20.00

Note:
See Cross Sections for Utility Strip and Sidewalk Sloping

LEGEND

F Sidewalk, Concrete

K Full Depth
165 lb/syd QC/QA HMA, 2, 64, Surface, 9.5 mm, on
275 lb/syd QC/QA HMA, 2, 64, Intermediate, 19.0 mm, on
440 lb/syd QC/QA HMA, 2, 64, Base, 25.0 mm, on
3" Compacted Aggregate No. 53 on
Subgrade Treatment, Type IB

15 Curb and Gutter, Concrete

26 Sodding, Nursery

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: MAB
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MOUNT TABOR ROAD
TYPICAL CROSS SECTION

HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'0"	N.A.
VERTICAL SCALE	DESIGNATION NO.
1/8" = 1'0"	0710808
SURVEY BOOK	SHEETS
ELECTRICAL	3 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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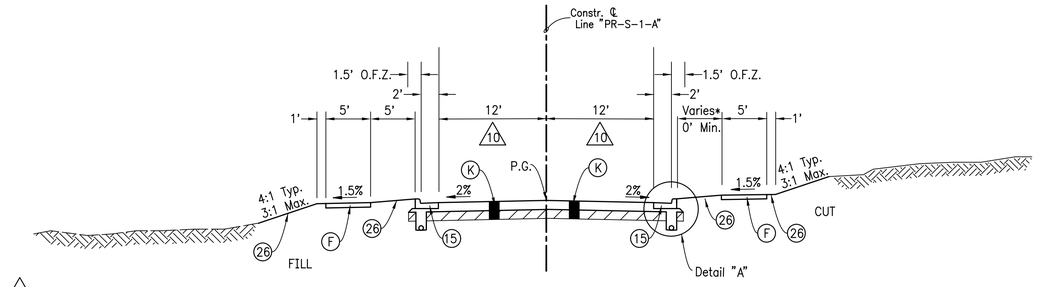
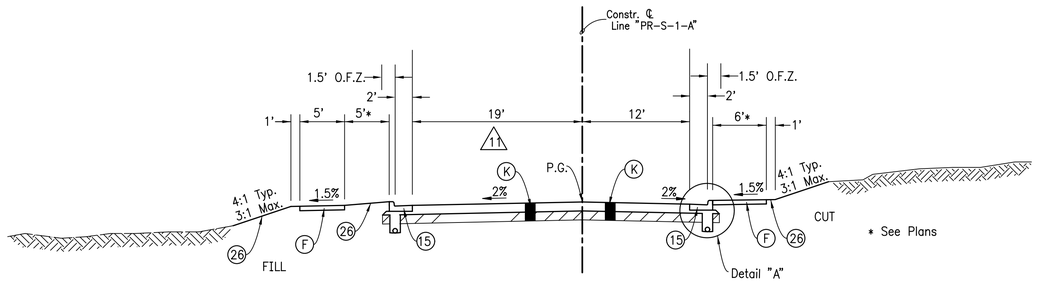


10 Varies 12' at Sta. 20+50.00 to 15' at Sta. 20+85.06

KLERNER LANE

STA. 13+00.00 TO STA. 13+35.00 "PR-S-1-A"
STA. 19+40.54 TO STA. 20+85.06 "PR-S-1-A"

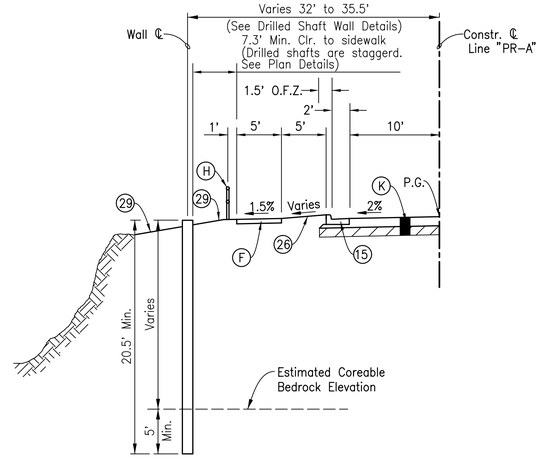


11 Varies 12' at Sta. 13+35.00 to 19' at Sta. 14+35.00

Varies 19' at Sta. 18+07.78 to 12' at Sta. 19+40.54

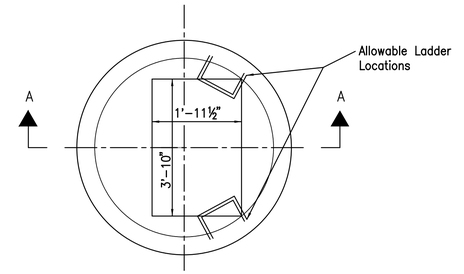
KLERNER LANE

STA. 13+35.00 TO STA. 19+40.54 "PR-S-1-A"

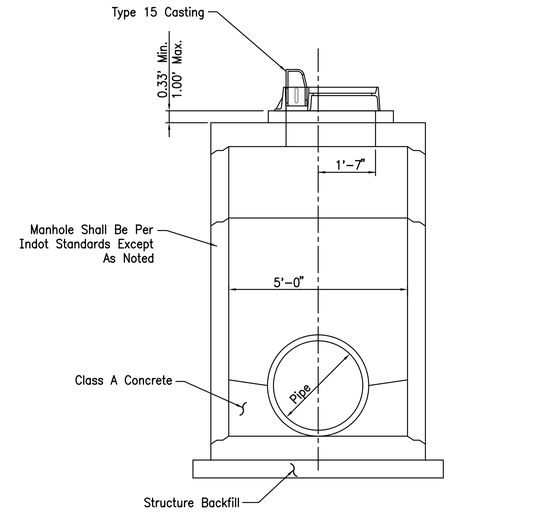


TYPICAL DRILLED SHAFT WALL SECTION

STA. 23+50.00 TO STA. 29+84.29 "PR-A" Lt.

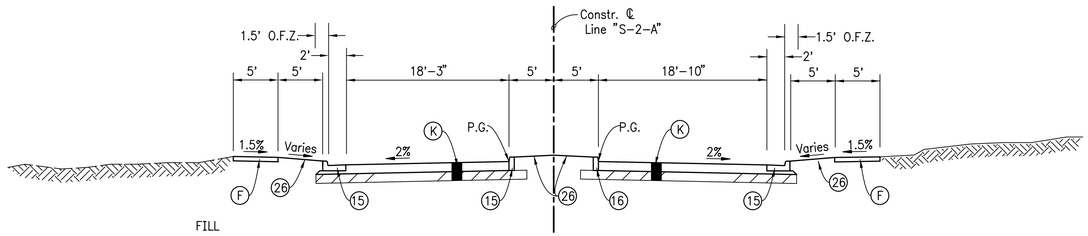


PLAN VIEW
NOT TO SCALE



SECTION A-A
NOT TO SCALE

TYPE J MANHOLE MODIFIED FOR TYPE 15 CASTING
NOT TO SCALE

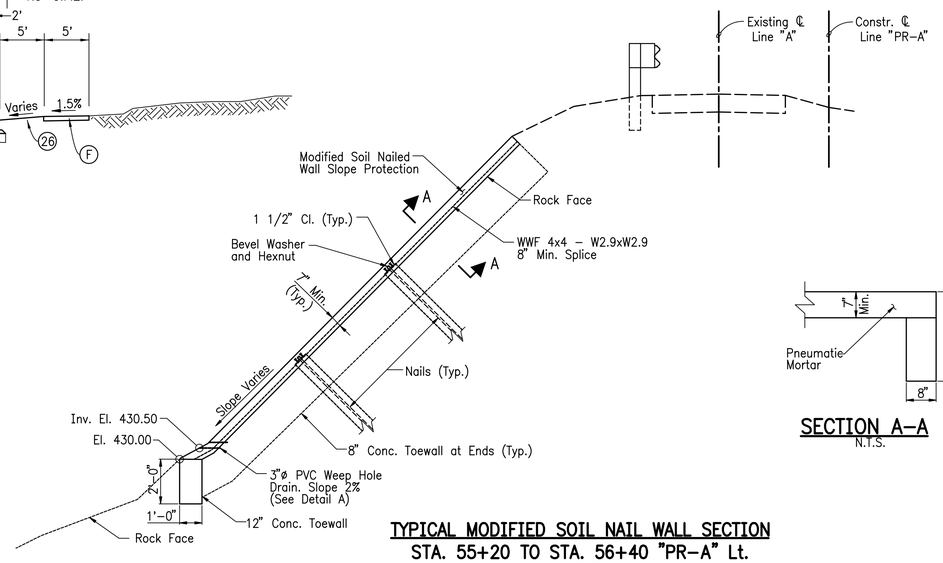


WEST OAKWOOD DRIVE

STA. 1+10.05 TO STA. 1+98.47 "S-2-A"

LEGEND

- (F) Sidewalk, Concrete
- (H) Hand Rail, Pedestrian
- (K) Full Depth
  165 lb/syd QC/QA HMA, 2, 64, Surface, 9.5 mm, on
  275 lb/syd QC/QA HMA, 2, 64, Intermediate, 19.0 mm, on
  440 lb/syd QC/QA HMA, 2, 64, Base, 25.0 mm, on
  3" Compacted Aggregate No. 53 on
  Subgrade Treatment, Type IB
- (15) Curb and Gutter, Concrete
- (16) Curb, Concrete
- (26) Sodding, Nursery
- (29) Seed Mixture U



TYPICAL MODIFIED SOIL NAIL WALL SECTION
STA. 55+20 TO STA. 56+40 "PR-A" Lt.
N.T.S

SECTION A-A
N.T.S.

Note:
See Cross Sections for Utility Strip and Sidewalk Sloping
For Detail "A", See Sheet 78.

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

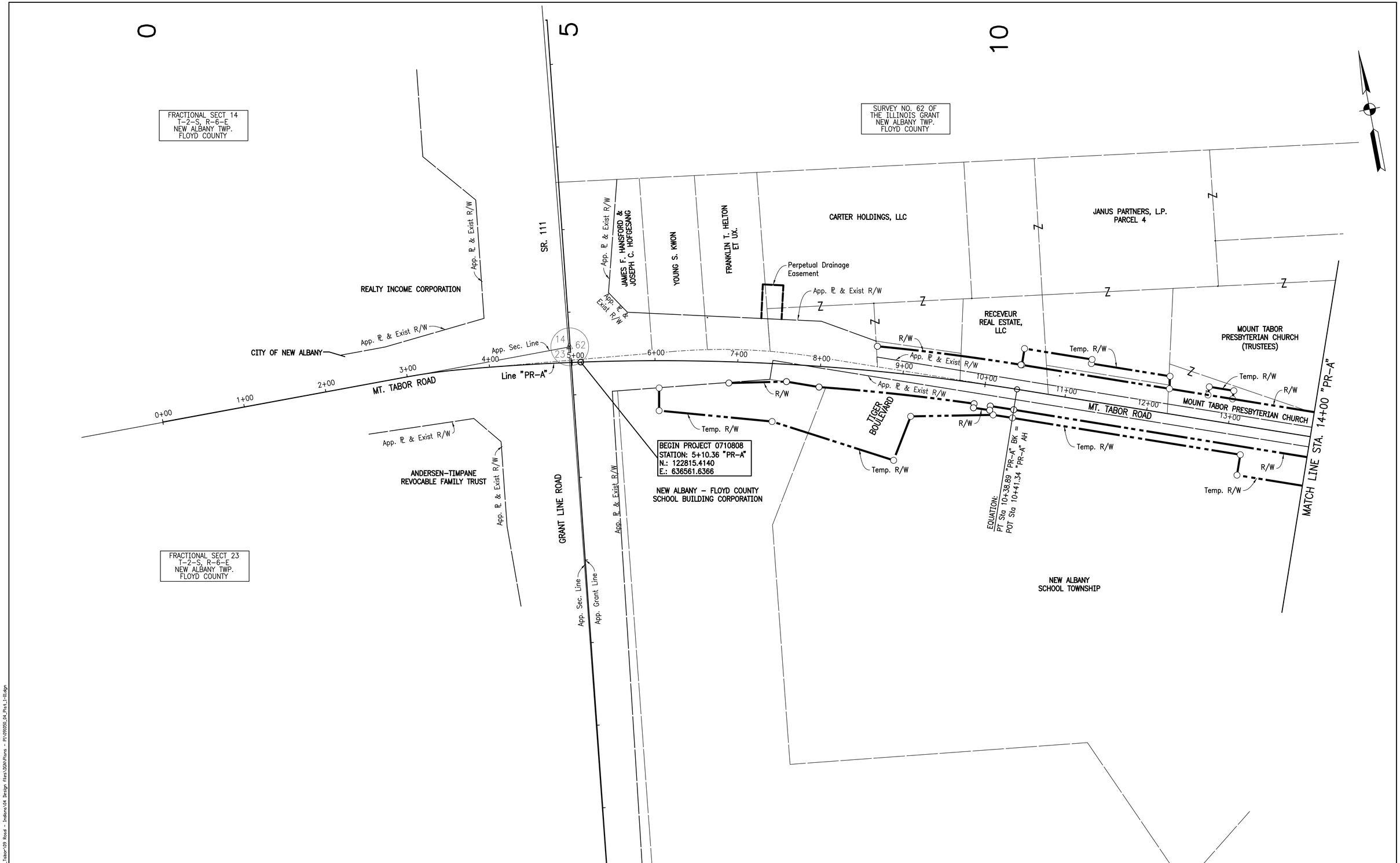
RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

KLERNER LANE
TYPICAL CROSS SECTION

HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'0"	N.A.
VERTICAL SCALE	DESIGNATION NO.
1/8" = 1'0"	0710808
SURVEY BOOK	SHEETS
ELECTRICAL	4 of 146
CONTRACT	PROJECT NO.
R-33319	0710808



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MONTE S. MILDENBERG
REGISTERED
No.
PE60880378
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT 1
BEGIN TO STA. 14+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	5 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

15

20

25

SURVEY NO. 62 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

JANUS PARTNERS, L.P.
PARCEL 4

CITY OF NEW ALBANY

MOUNT TABOR
PRESBYTERIAN CHURCH
(TRUSTEES)

SLATE RUN

MATCH LINE STA. 14+00 "PR-A"

MATCH LINE STA. 29+00 "PR-A"

POT Sta. 1+00.00 "S-2-A"=
POC Sta. 21+79.78 "PR-A"

MT. TABOR ROAD

Line "PR-A"

14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00

App. ℄ & Exist R/W

R/W

Temp. R/W

W. OAKWOOD DRIVE

Line "S-2-A"

2+00

E. OAKWOOD DRIVE

BADEA SHEAROUSE
LOT 5

CYNTHIA WATTERS &
NATHAN WATTERS
LOT 6

JANICE E.
GOODMAN
LOT 4

SHERRI A.
LAYMAN
LOT 3

MELVIN F.
CARDONA &
DEISY S. BLANCO
LOT 2

DOUGLAS S.
YOCKEY &
NANCY S.
YOCKEY
LOT 1

AYMIE MULLINS &
WILLIAM SPAULDING
LOT 13

STEVEN S.
MENNEMEYER
ET UX.

LOT 9

LOT 10

LOT 11

LOT 12

LOT 14

OAKWOOD SUBDIVISION
SECTION 1

NEW ALBANY
SCHOOL TOWNSHIP

MOUNT TABOR
PRESBYTERIAN CHURCH
(TRUSTEES)

MONTE S. MILDENBERG
REGISTERED
No.
PE60880378
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED
FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM
DRAWN: JJP/MAB
CHECKED: AJS
CHECKED: MSM

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT 1
STA. 14+00 TO STA. 29+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	6 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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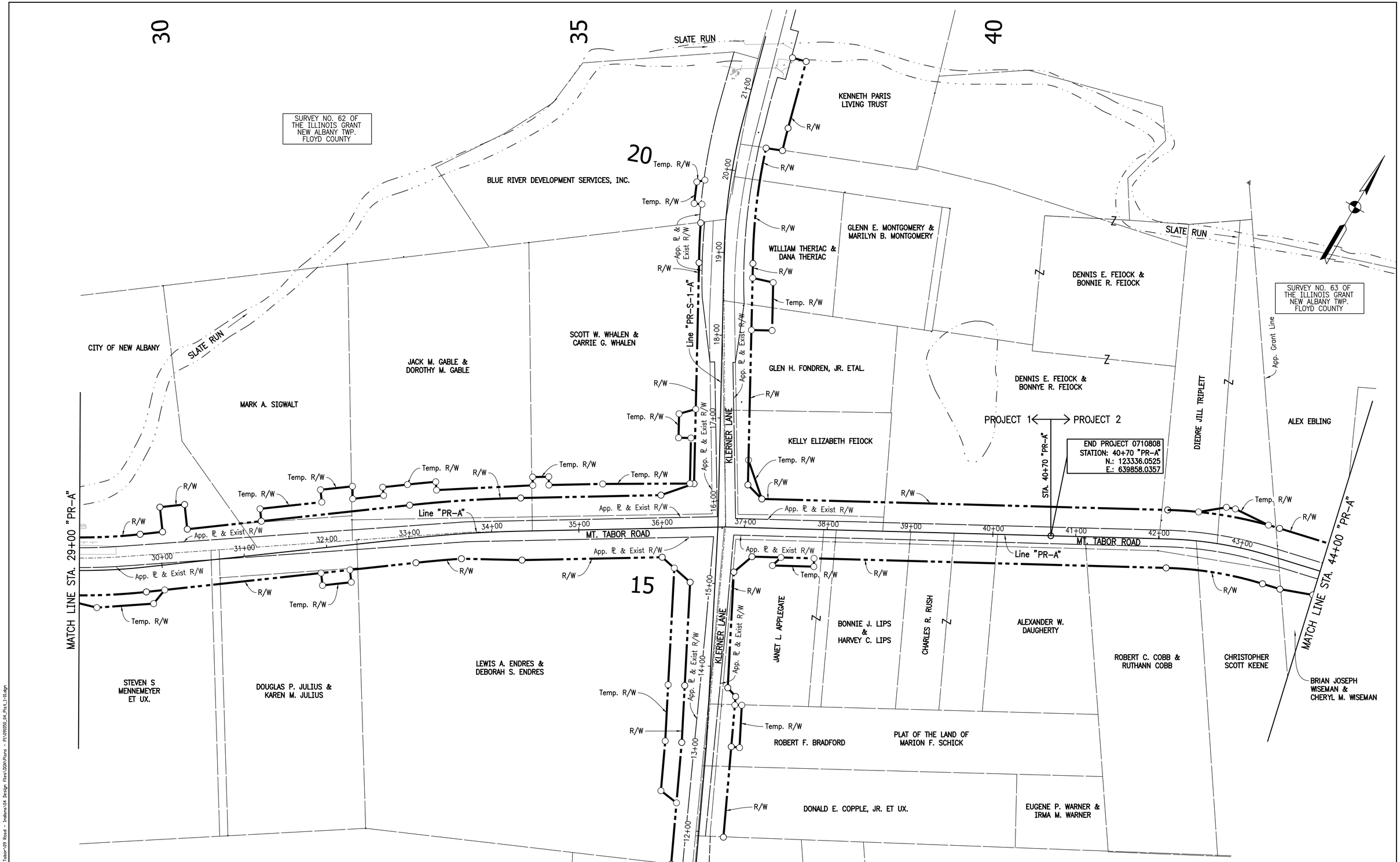

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER	RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1"=50'	BRIDGE FILE N.A.	
	DESIGNED: MSM DRAWN: JJP/MAB	PLAT 1	VERTICAL SCALE N.A.	DESIGNATION NO. 0710808	
	CHECKED: AJS CHECKED: MSM	STA. 29+00 TO STA. 44+00 "PR-A"	SURVEY BOOK ELECTRONIC	SHEETS 7 of 146	
			CONTRACT R-33319	PROJECT NO. 0710808	

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45

50

55

LOT 5

LOT 6

LOT 7

LOT 18

SURVEY NO. 63 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

JESSE C. & VIRGIE M. MONTGOMERY UNRECORDED SUBDIVISION

SMITH LIVING TRUST LOT 20

SUSAN K. COCHRAN & SHARON A. CALANDRINO LOT 19

ALEX EBLING

ALLEN THOMAS SHUTTERS & JANET GAYE SHUTTERS

ROBERT C. MANSFIELD & PATRICIA I. MANSFIELD

SCOTT CARRICO & RODNEY MOUBRAY

CHARLES E. RHODE ET UX.

MICKEY G. KAHL, KATHY KAY LITCH, ROBERT H. KAHL, JOHN C. KAHL & GWINN A. KAHL

SLATE RUN

POT Sta.1+00.000 "S-3-A"= POT Sta. 47+81.61 "PR-A"

EQUATION: PT Sta. 46+15.87 "PR-A" BK = POT Sta. 46+15.88 "PR-A" AH

MATCH LINE STA. 44+00 "PR-A"

MATCH LINE STA. 59+00 "PR-A"

MT. TABOR ROAD

Line "PR-A"

Line "S-3-A"

45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00 58+00

App. ℄ & Exist R/W

R/W

Temp. R/W

Permanent Drainage Easement

Permanent Drainage Easement

LEWIS M. MORRIS LOT 4

TIMOTHY S. FITZGERALD

AMY COURT, SECTION TWO PLAT NO. 1071

AMY COURT

WILLIAM B. JENKS & ELIZABETH SUE JENKS LOT 3

LAWRENCE W. WARREN, ET AL. LOT 1

JAMES M. BREADEN, ET AL. LOT 2

ARLENE N. ARNOLD ET AL.

WYNN GATE L.P.

GREATER FAITH APOSTOLIC CHURCH, INC.

MICKEY G. KAHL

ARLENE N. ARNOLD

AMY COURT PLAT NO. 934 LOT 1

AMY COURT PLAT NO. 934

BRIAN JOSEPH WISEMAN & CHERYL M. WISEMAN

CHRISTOPHER SCOTT KEENE

App. Grant Line

2+00

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

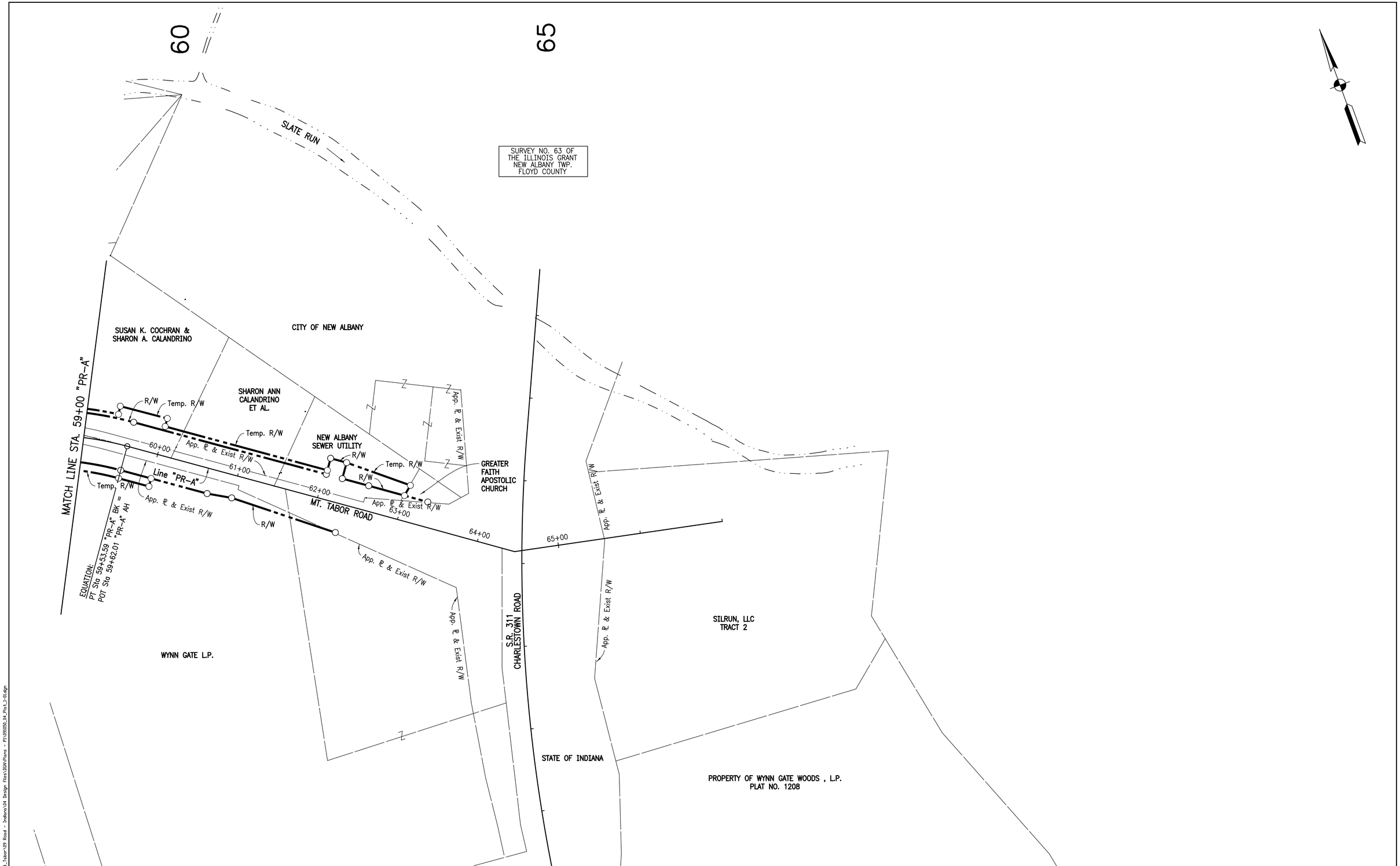
RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM	DRAWN: JJP/MAB
CHECKED: AJS	CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

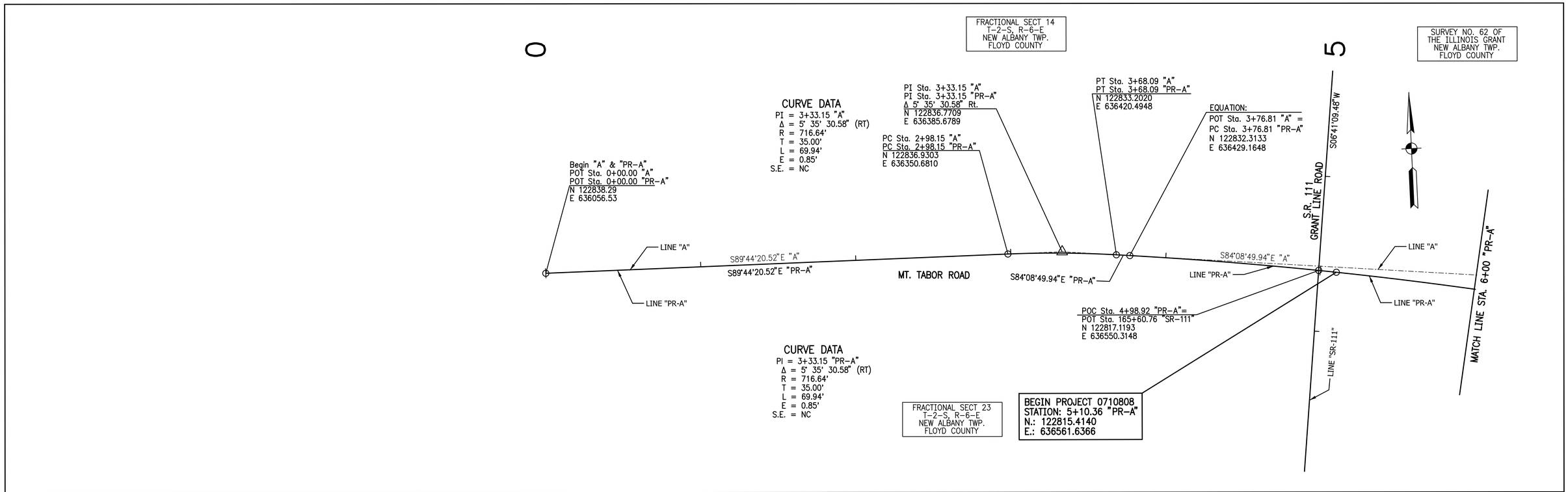
PLAT 1
STA. 44+00 TO STA. 59+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	8 of 146
CONTRACT	PROJECT NO.
R-33319	0710808



MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER	RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1"=50'	BRIDGE FILE N.A.	
			VERTICAL SCALE N.A.	DESIGNATION NO. 0710808	
	DESIGNED: MSM	DRAWN: JJP/MAB	PLAT 1	SURVEY BOOK ELECTRONIC	SHEETS 9 of 146
	CHECKED: AJS	CHECKED: MSM	STA. 59+00 TO END "PR-A"	CONTRACT R-33319	PROJECT NO. 0710808

10/30/2017 | 547.44 PM | P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_04_Plat_1-01.dgn



MONTE S. MILDENBERG
REGISTERED
No.
PE60880378
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE IN STA. BEGIN TO STA. 14+50 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	10 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 1 54749 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - PI\091050_05_Geometric_Tie_01.dgn

15

20

SURVEY NO. 62 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

MATCH LINE STA. 14+50 "PR-A"

LINE "A"

LINE "PR-A"

EQUATION:
PC Sta. 15+66.40 "PR-A"
PC Sta. 15+66.40 "A"
N 122506.3809
E 637566.6794

CURVE DATA
PI = 17+25.96 "PR-A"
Δ = 37° 30' 07.73" (LT)
R = 470.00'
T = 159.55'
L = 307.63'
E = 26.34'
S.E. = NC

CURVE DATA
PI = 17+49.82 "A"
Δ = 42° 38' 12.80" (LT)
R = 470.00'
T = 183.42'
L = 349.75'
E = 34.52'
S.E. = NC

S70°05'50.51"E "PR-A"

S70°05'50.51"E "A"

PI Sta. 17+25.96 "PR-A"
Δ 37° 30' 7.73" Lt.
N 122452.0653
E 637716.7031

N7°24'01.76"E "PR-A"

N67°15'56.69"E "A"

PI Sta. 17+49.82 "A"
Δ 42° 38' 12.80" Lt.
N 122443.9407
E 637739.1439

PT Sta. 19+16.15 "A"
N 122514.8246
E 637908.3132

EQUATION:
POC Sta. 18+74.03 "A" =
PT Sta. 18+74.03 "PR-A"
N 122500.3082
E 637868.7882

MT. TABOR ROAD

PC Sta. 19+64.22 "A"
N 122533.3988
E 637952.6418

PC Sta. 20+48.99 "PR-A"
N 122553.2085
E 638035.5562

LINE "PR-A"

N67°15'56.69"E "A"

N7°24'01.75"E "PR-A"

PI Sta. 21+08.10 "A"
Δ 17° 13' 27.91" Rt.
N 122589.0027
E 638085.3443

PI Sta. 21+55.37 "PR-A"
Δ 12° 54' 49.20" Rt.
N 122585.3744
E 638136.9590

LINE "A"

N84°29'24.60"E "A"

N85°18'50.94"E "PR-A"

PT Sta. 22+49.81 "A"
N 122602.8177
E 638228.5606

MATCH LINE STA. 23+00 "PR-A"

EQUATION:
POT Sta. 1+00.00 "S-2-A" =
POC Sta. 21+79.78 "PR-A"
N 122583.9676
E 638162.5674

W. OAKWOOD DRIVE

LINE "S-2-A"

PT Sta. 22+60.85 "PR-A"
N 122594.0650
E 638242.9855

CURVE DATA
PI = 21+08.10 "A"
Δ = 17° 13' 27.91" (RT)
R = 950.00'
T = 143.88'
L = 285.59'
E = 10.83'
S.E. = NC

CURVE DATA
PI = 21+55.37 "PR-A"
Δ = 12° 54' 49.20" (RT)
R = 940.00'
T = 106.38'
L = 211.86'
E = 6.00'
S.E. = NC

POT Sta. 2+50.00 "S-2-A"
N 122434.7972
E 638178.3219

25

30

SURVEY NO. 62 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

MATCH LINE STA. 23+00 "PR-A"

N84°29'24.60"E "A"

N85°18'50.94"E "PR-A"

LINE "A"

LINE "PR-A"

CURVE DATA
PI = 27+81.81 "A"
Δ = 28° 41' 28.68" (LT)
R = 675.00'
T = 172.63'
L = 338.01'
E = 21.72'
S.E. = NC

CURVE DATA
PI = 27+92.30 "PR-A"
Δ = 31° 38' 05.77" (LT)
R = 690.00'
T = 195.48'
L = 380.97'
E = 27.16'
S.E. = NC

PC Sta. 25+96.82 "PR-A"
N 122621.5109
E 638577.8281

PC Sta. 26+09.18 "A"
N 122637.3234
E 638586.2731

PI Sta. 27+81.81 "A"
Δ 28° 41' 28.68" Lt.
N 122653.8986
E 638758.1037

MT. TABOR ROAD

PT Sta. 29+47.19 "A"
N 122750.9329
E 638900.8792

PT Sta. 29+77.79 "PR-A"
N 122753.2623
E 638930.1512

N55°47'55.92"E "A"

N53°40'45.18"E "PR-A"

MATCH LINE STA. 32+00 "PR-A"

PI Sta. 27+92.30 "PR-A"
Δ 31° 38' 5.77" Rt.
N 122637.4799
E 638772.6523

MONTE S. MILDENBERG
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STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP

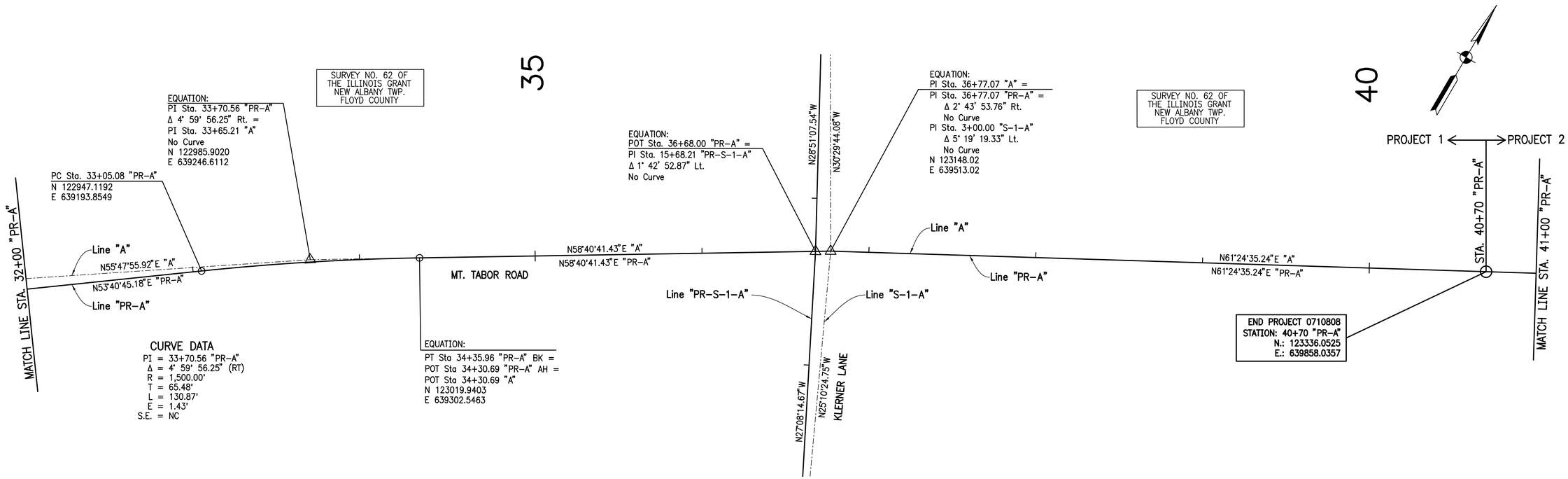
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE IN STA. 14+50 TO STA. 32+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	11 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 5:47:55 PM | P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\3D\Plans - P\V091050_05_Geometric_Tie_02.dgn



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RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
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DESIGNED: AJS | DRAWN: JJP

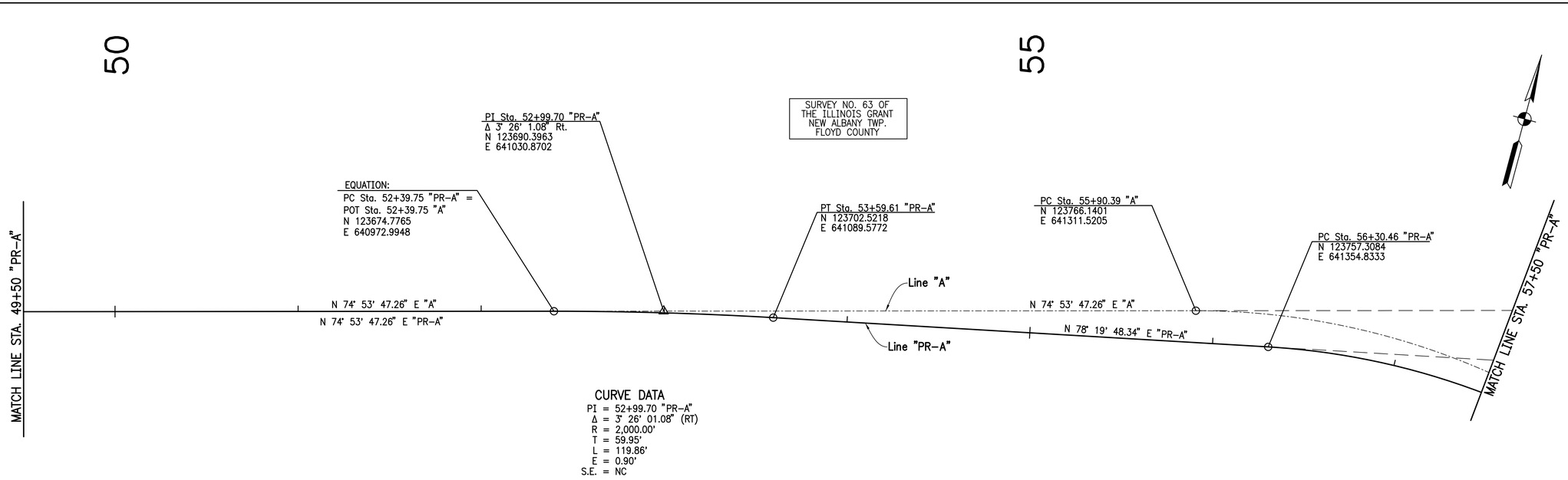
CHECKED: MSM | CHECKED: MSM

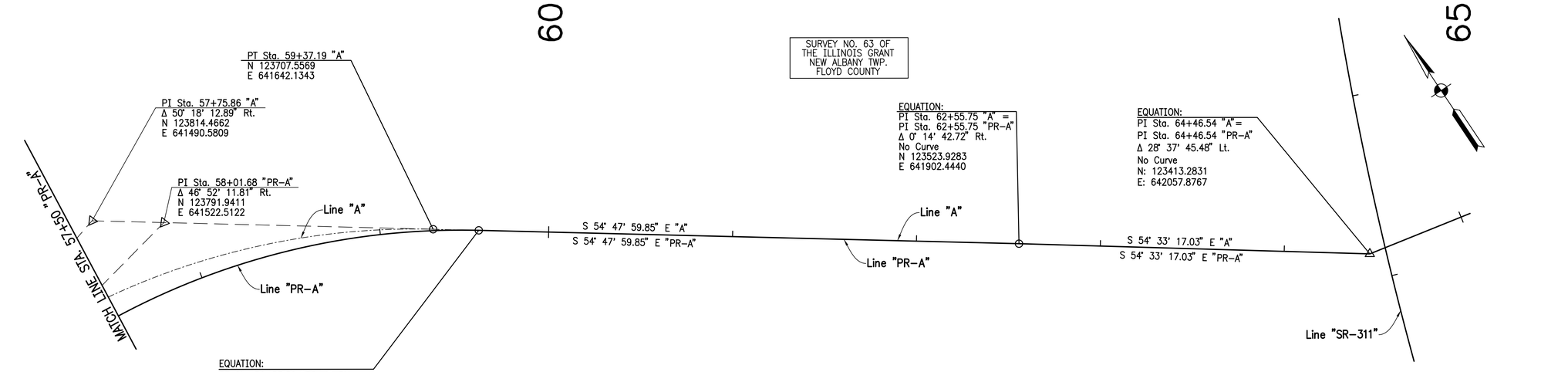
INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE IN STA. 32+00 TO STA. 49+50 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	12 of 146
CONTRACT	PROJECT NO.
R-33319	0710808





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DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE IN STA. 49+50 TO STA. 64+14.18 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	13 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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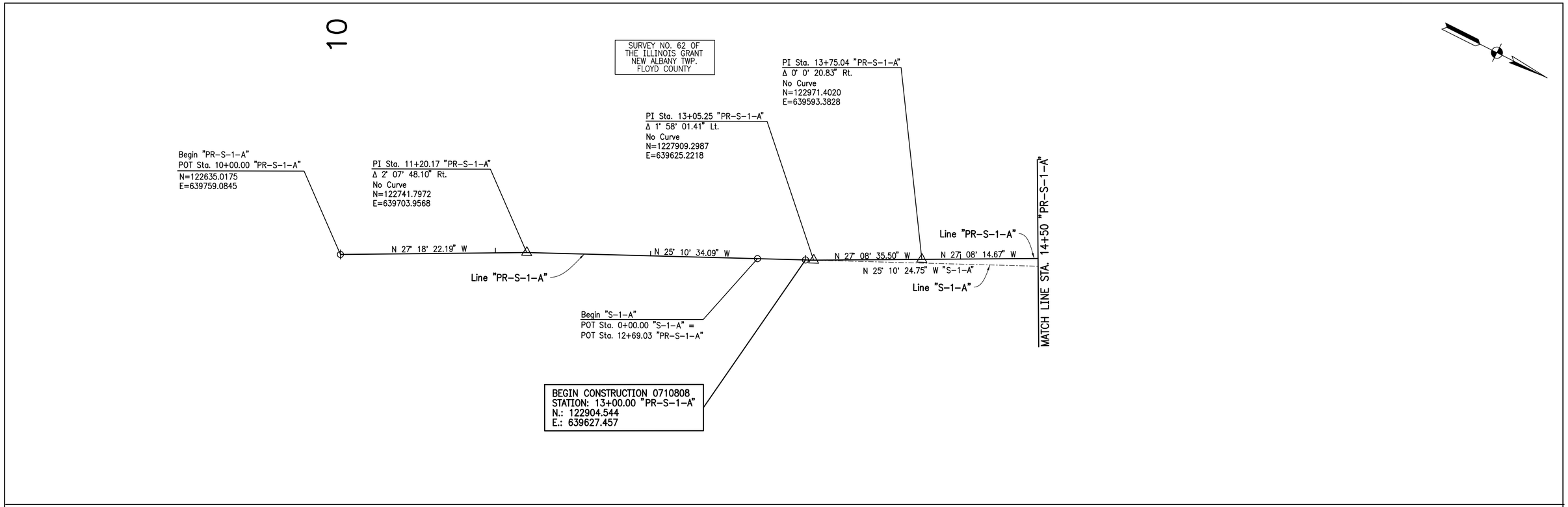

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INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE IN BEGIN TO END STA. "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	14 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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M.O.T. SEQUENCE OF OPERATIONS

Phase 1A

1. Install advance warning signs, traffic control devices, temporary traffic barriers and two mobile traffic signals associated with the Phase 1A closure of Mt Tabor Road to provide a single bidirectional lane.
2. Install road closure barricades for both W. Oakwood Drive and E. Oakwood Drive.
3. Construct proposed drilled shaft retaining wall for Slate Run Creek on the northern half of Mt. Tabor Road with allowances for future openings for proposed drainage structures (64, 67, and 69)
4. After completion of the retaining wall, remove traffic control devices, temporary traffic barriers and the two mobile traffic signals, shift temporary traffic barriers to the outside shoulder of westbound Mt Tabor Road and reopen the roadway to two lanes of traffic.

Phase 1B

1. Install detour route marker assemblies, advance warning signs, traffic control devices, temporary traffic barriers and road closure barricades associated with the Phase 1B closure of Mt Tabor Road from approximate station 56+00 to 60+00. Local traffic will be detoured via Rainbow Drive.
2. Construct proposed shotcrete buttress retaining wall for Slate Run Creek on the northern half of Mt. Tabor Road.
3. Remove detour route marker assemblies, advance warning signs, traffic control devices, temporary barrier wall, reinstall guardrail, and road closure barricades and reopen Mt. Tabor Road.

Phase 2

1. Install detour route marker assemblies, advance warning signs, traffic control devices, road closure barricades associated with the Phase 2 closure of Mt Tabor Road and Klerner Lane intersection. Local traffic will be detoured via local streets per the Phase 2 MOT details.
2. Construct temporary driveway access to residences at the beginning and end of Klerner Lane as shown on Phase 2 MOT details.
3. Construct proposed drainage structures and pipes within the road closure for Phase 2.
4. Remove existing temporary stone and install curbing, sidewalk and driveways along the East half of Klerner Lane.
5. Remove existing temporary stone and install curbing, sidewalk and driveways along the West half of Klerner Lane.
6. Construct temporary pavement on the North half of Mt. Tabor from approximately station 11+20 to 15+95 on Line “PR-A” for Phase 3A.
7. Install new traffic signal at Klerner Lane.

Phase 3A

1. Install detour route marker assemblies, advance warning signs, traffic control devices, road closure barricades associated with the Phase 3A closure of Mt Tabor Road to thru traffic between Grant Line Road and Tiger Blvd. Thru traffic will be detoured via University Woods Drive and other local streets.
2. Install traffic control devices and road closure barricades for Phase 3A providing local access on one existing westbound only lane on Mt Tabor Road. Tiger Blvd will be closed during Phase 3A.
3. Construct proposed drainage structures and pipes on the South half of Mt. Tabor Road while maintaining drainage to existing outfalls to the north.
4. Construct new pavement, sidewalk, and curb and gutter on the South half of Mt. Tabor Road.

Phase 3B

1. Maintain Phase 3B closure of Mt Tabor Road to thru traffic between Grant Line Road and Tiger Blvd. Thru traffic will be detoured via University Woods Drive and other local streets.
2. Shift traffic control devices and road closure barricades for Phase 3B providing local access on one existing westbound only lane on Mt Tabor Road. Tiger Blvd will be open during Phase 3B.
3. Shift traffic onto the proposed South half of Mt. Tabor Road.
4. Construct proposed drainage structures and pipes on the North half of Mt. Tabor Road.
5. Construct new pavement, sidewalk, and curb and gutter on the North half of Mt. Tabor Road.
6. Remove traffic control devices and road closure barricades and reopen Mt. Tabor Road.

Phase 4 Preliminary

1. Shift detour route marker assemblies and advance warning signs from Phase 3B to Phase 4 Preliminary locations. Close Mt Tabor Road to thru traffic during daytime only closures for drainage cross structure construction. Use University Woods Drive and other local roads during Phase 4 Preliminary construction. Use flaggers to provide local access as necessary.
2. Install traffic control devices to close Mt Tabor Road from station 17+75 to 31+10.
3. Construct inlets and drainage pipes for 7 crossings including: 18+50, 20+52, 21+17, 25+35, 26+75, 29+00 and 30+34.
4. Construct temporary pavement to be used during Phase 4A.

Phase 4A

1. Change detour route marker assemblies and advance warning signs from Phase 4 Preliminary to Phase 4A closure locations. Use University Woods Drive and other local roads during Phase 4A to detour thru traffic for Mt Tabor Road.
2. Install traffic control devices and road closure barricades for Phase 4A providing local access on one existing westbound only lane on Mt Tabor Road.
3. Construct proposed drainage structures and pipes on the South half of Mt. Tabor Road.
4. Construct new pavement, sidewalk, and curb and gutter on the South half of Mt. Tabor Road.

Phase 4B

1. Maintain detour route marker assemblies and advance warning signs for Phase 4B. Use University Woods Drive and other local roads during Phase 4B to detour thru traffic for Mt Tabor Road.
2. Install traffic control devices and road closure barricades for Phase 4B providing local access on one existing westbound only lane on Mt Tabor Road.
3. Shift traffic onto the proposed South half of Mt. Tabor Road.
4. Construct proposed drainage structures and pipes on the North half of Mt. Tabor Road.
5. Construct new pavement, sidewalk, and curb and gutter on the North half of Mt. Tabor Road.
6. Remove traffic control devices, temporary barrier wall, and road closure barricades and open Mt. Tabor Road.
7. HMA surface and final pavement markings are to be constructed and installed under normal traffic conditions.

Notes:

Access to all properties shall be maintained at all times. Half at a time construction shall be used as necessary. Temporary stone ramps for driveways may be necessary.

Standard barrel spacing shall be 20 ft on a taper section and 40 ft on a tangent section.

MAINTENANCE OF TRAFFIC QUANTITIES

PAY ITEMS		UNIT	MOT PHASE NUMBERS 1A	1B	2	3A	3B	PRELIM. 4	4A	4B	PROJECT TOTALS
CONSTRUCTION SIGN, A		EACH	20	8	18	8	7	12	16	16	**39**
CONSTRUCTION SIGN, B		EACH	8	0	2	17	17	2	23	24	**38**
DETOUR ROUTE MARKER ASSEMBLY		EACH	0	11	26	13	13	22	22	22	**26**
TEMPORARY PAVEMENT MARKING, 4 IN		LFT	1198	0	0	1335	1150	0	2450	2570	**8703**
TEMPORARY PAVEMENT MARKING, 6 IN		LFT	0	0	0	0	0	0	0	257	**257**
TEMPORARY TRANSVERSE PAVEMENT MARKINGS, 24 IN.		LFT	26	0	66	19	42	0	0	55	**208**
TEMPORARY PAVEMENT MESSAGE MARKING, LANE INDICATION ARROW		EACH	0	0	0	0	4	0	0	0	**4**
LINE, REMOVE		LFT	190	0	860	0	60	0	0	100	**1210**
BARRICADE, III-A	CONSTRUCTION	LFT	0	48	120	228	96	0	108	36	**276**
	DETOUR		0	48	96	48	24	24	24	24	
BARRICADE, III-B		LFT	336	0	0	0	0	120	0	0	**336**
ROAD CLOSURE SIGN ASSEMBLY	CONSTRUCTION	EACH	6	2	4	4	3	9	9	4	**13**
	DETOUR	EACH	0	2	4	1	1	1	0	0	
FLASHING ARROW SIGN		DAY	0	0	0	15	15	0	0	0	**30**
PORTABLE SIGNAL		LS	1	0	0	0	0	0	0	0	**1**
HMA FOR TEMPORARY PAVEMENT, B		TON	0	13	0	0	0	76	0	0	**89**
SUBGRADE TREATMENT, TYPE III		SYS	0	90	0	0	0	577	0	0	**667**
TEMPORARY TRAFFIC BARRIER, TYPE 2		LFT	910	140	910	910	910	0	910	0	**910**
ENERGY ABSORBING TERMINAL, CZ, TL-2		EACH	1	0	0	0	0	0	1	0	**1**
NO. 2 STONE		TON	0	0	139	9	27	0	44	27	**246**
COMPACTED AGGREGATE NO. 53		CYS	95	0	0	0	0	115	0	0	**210**
COMPACTED AGGREGATE NO. 53		TON	0	0	0	0	0	31	0	0	**31**
HMA FOR STRUCTURE INSTALLATION, TYPE B		TON	0	0	0	0	0	15	0	0	**15**

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

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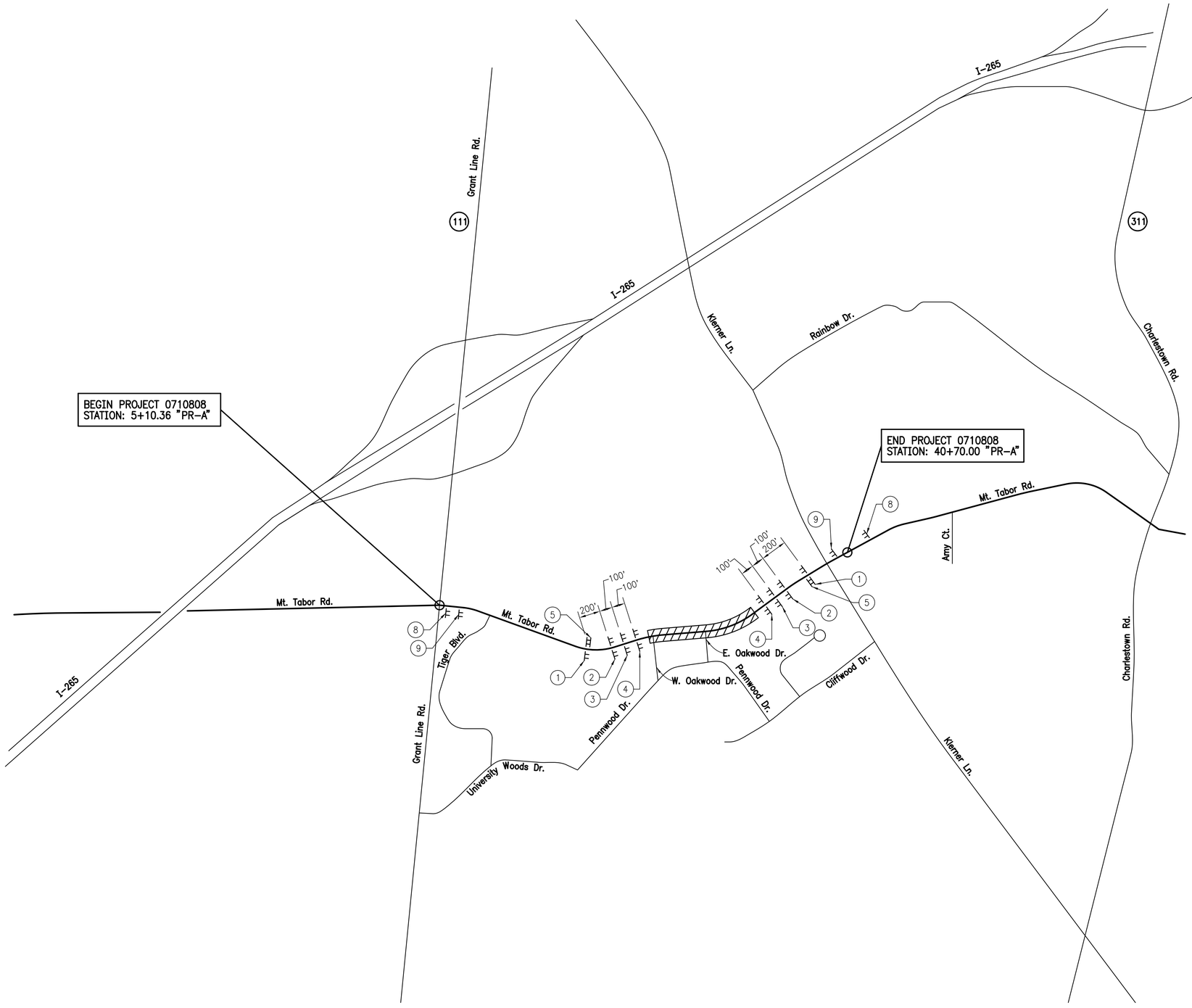
DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	15 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

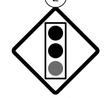
10/30/2017 | 5:49:09 PM | P:\0710808_MT_Tabor\09 Road - Indiana\04 Design Files\SIGN Plans - P1\09050_06_MOT_PH-1A.dgn



DETOUR ROUTE MARKER ASSEMBLIES

B1	DETOUR / MT. TABOR RD. / ←	M4-8, M1-6, M6-1(L)
C1	DETOUR / MT. TABOR RD. / ↑	M4-8, M1-6, M6-3
B2	DETOUR / MT. TABOR RD. / →	M4-8, M1-6, M6-1(R)
C2	DETOUR / KLERNER LN. / ↑	M4-8, M1-6, M6-3
B3	DETOUR / KLERNER LN. / ←	M4-8, M1-6, M6-1(L)
D1	END DETOUR / MT. TABOR RD.	M4-6, M4-8, M1-6
B4	DETOUR / KLERNER LN. / →	M4-8, M1-6, M6-1(R)
D2	END DETOUR / KLERNER LN.	M4-6, M4-8, M1-6

CONSTRUCTION SIGNS

1	ROAD CONSTRUCTION AHEAD	XW20-1
4	BE PREPARED TO STOP	W3-4
2		W3-3
5	END CONSTRUCTION	XG20-2
3	ONE LANE ROAD AHEAD	XW20-4
6	ROAD CLOSED 300 FT	W20-3
8	Speeding Max $1000 Reckless Driving Max 6 Yrs	XW2-6
9	SPEED LIMIT 25	R2-1(25)

LEGEND

- Area Under Construction
- Construction Sign and Supports
- Detour Route Marker Assembly
- Detour Route

Construction Zone Design Speed 25 MPH

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MT. TABOR RD. PHASE 1A

HORIZONTAL SCALE	BRIDGE FILE
1" = 400'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	16 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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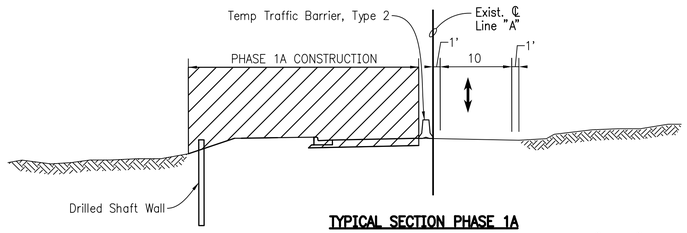
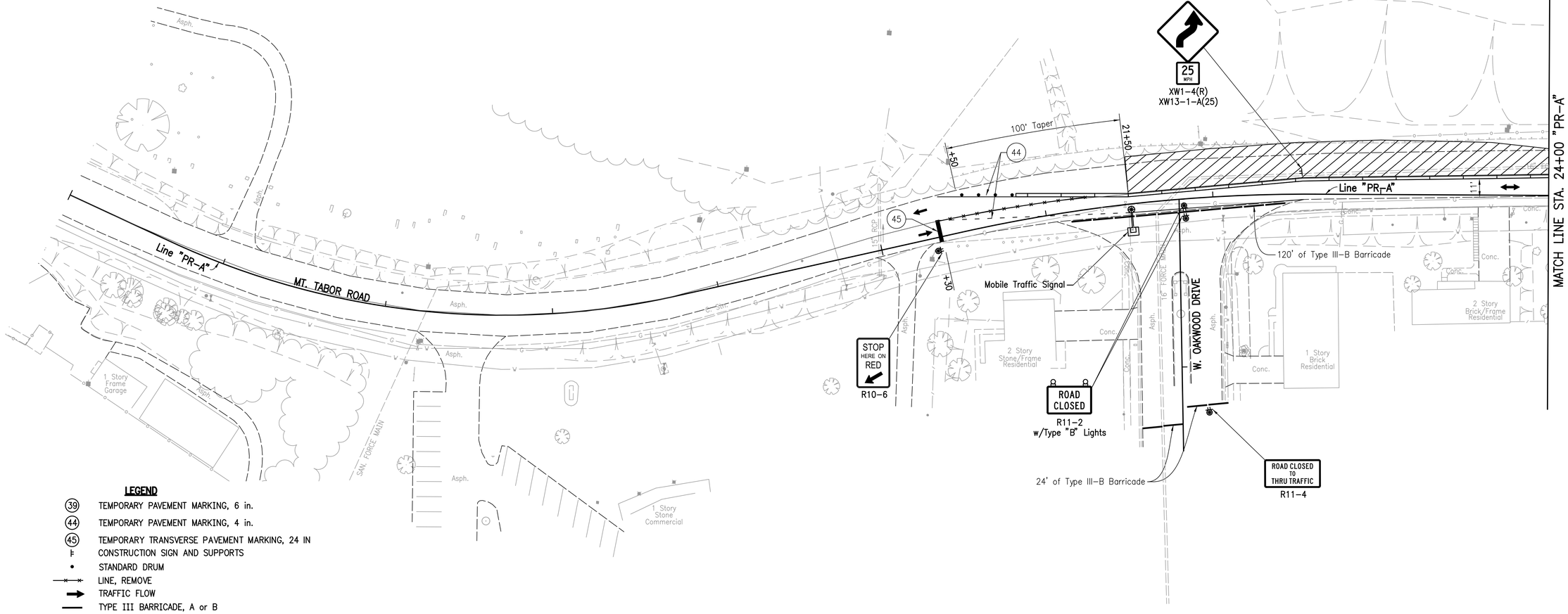
15

20



TYPICAL SECTION PHASE 1A
BEGIN CONSTRUCTION STA. 21+50.00 TO STA. 30+00.00 "PR-A"



LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

Construction Zone Design Speed = 25 M.P.H.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	17 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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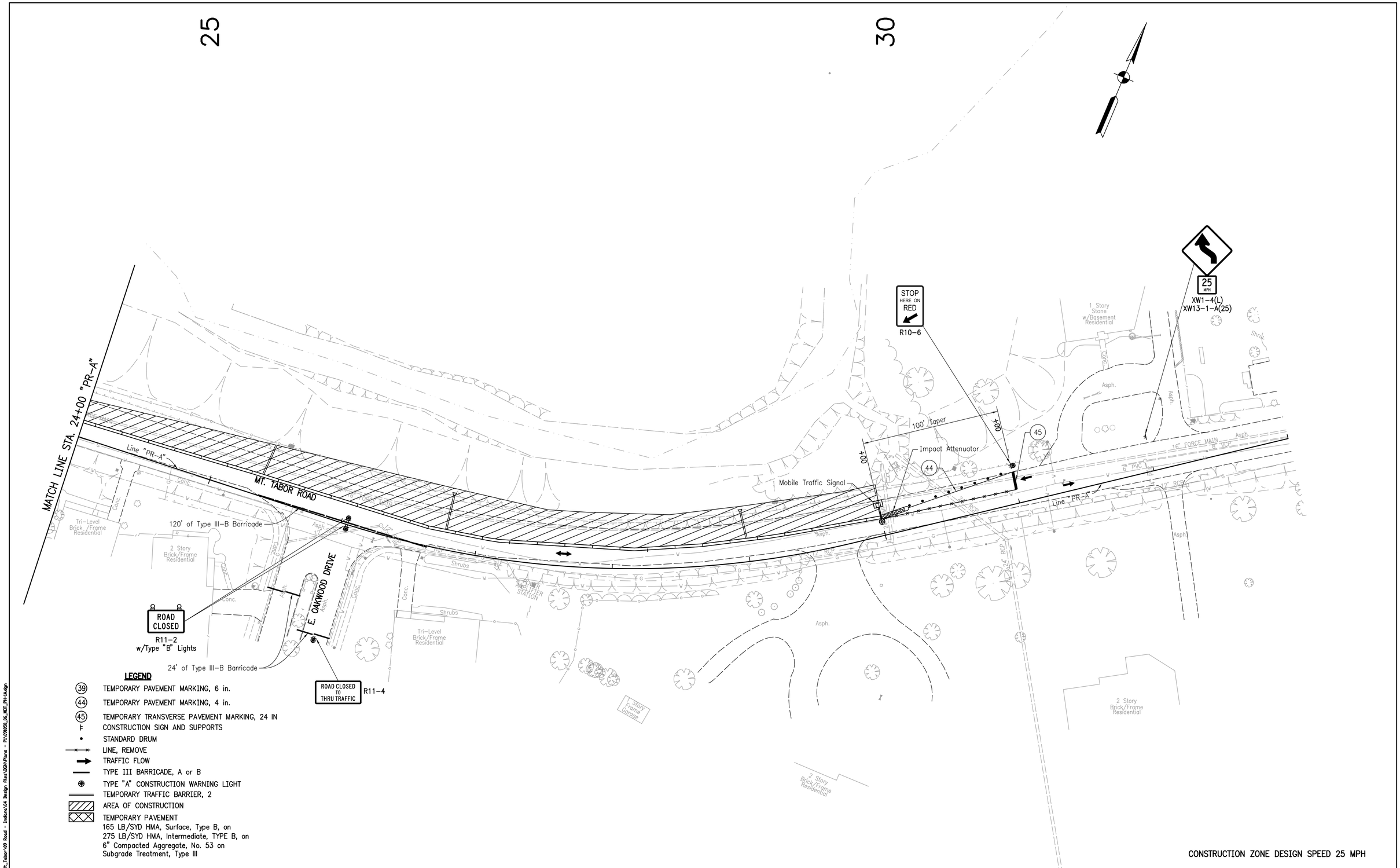

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53 on
  Subgrade Treatment, Type III

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	18 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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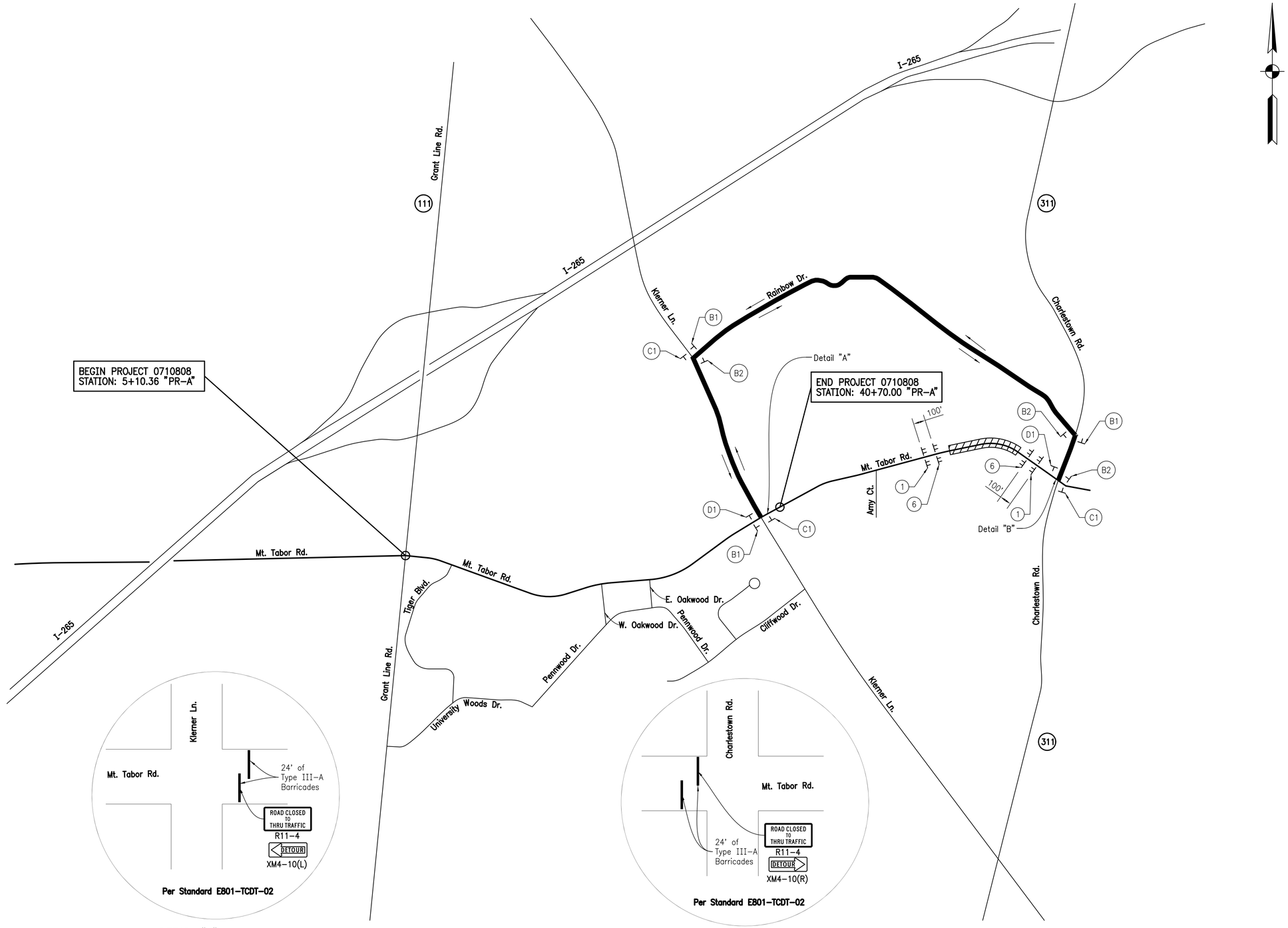
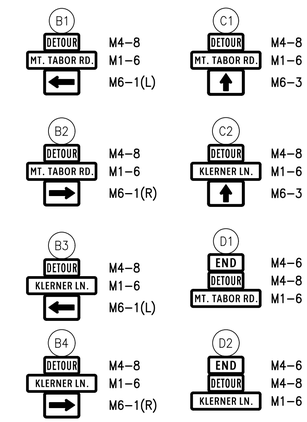


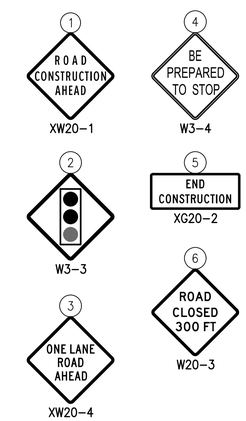
DETAIL "A"

DETAIL "B"

DETOUR ROUTE MARKER ASSEMBLIES



CONSTRUCTION SIGNS



LEGEND

- Area Under Construction
- Construction Sign and Supports
- Detour Route Marker Assembly
- Detour Route

Construction Zone Design Speed 25 MPH

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MT. TABOR RD. PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 400'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	19 of 146
CONTRACT	PROJECT NO.
R = 33319	0710808

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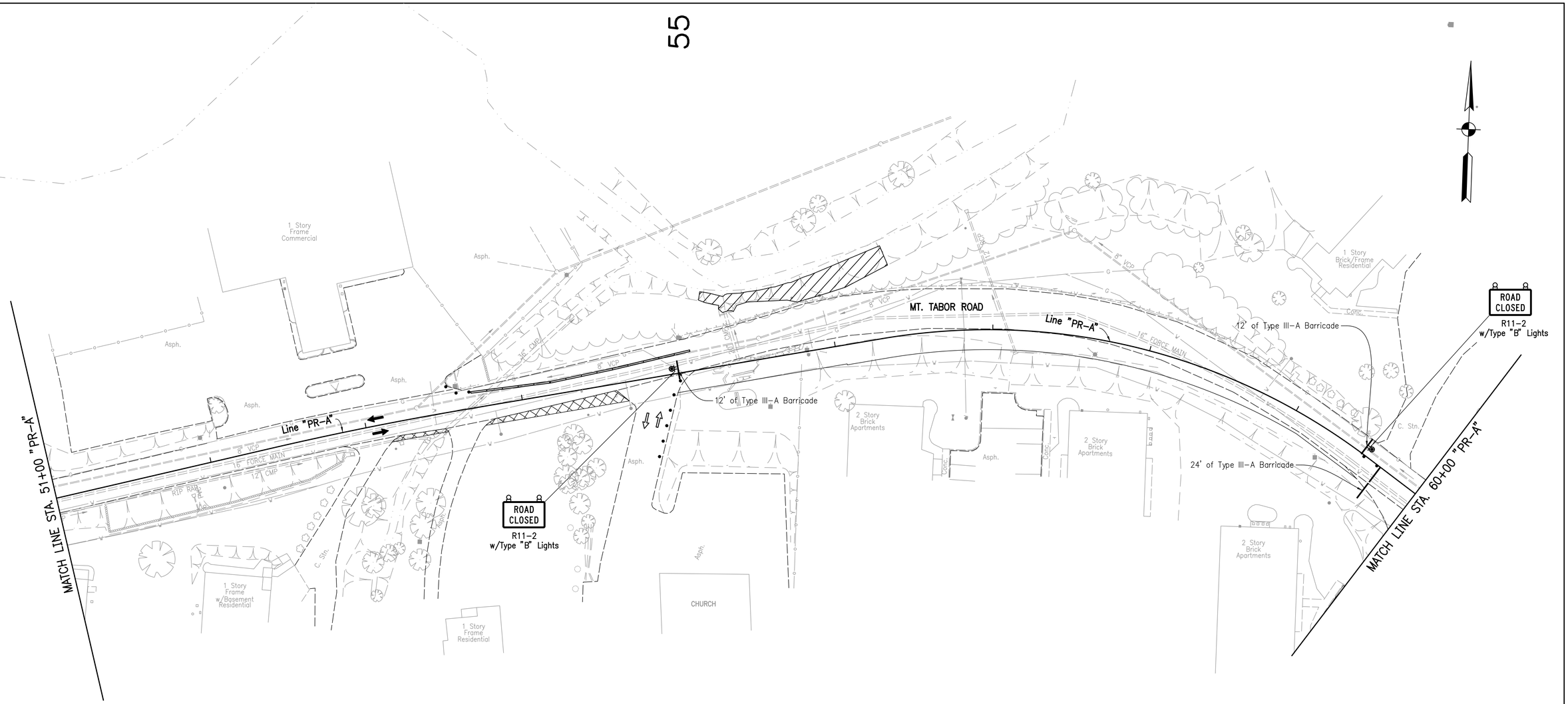

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	20 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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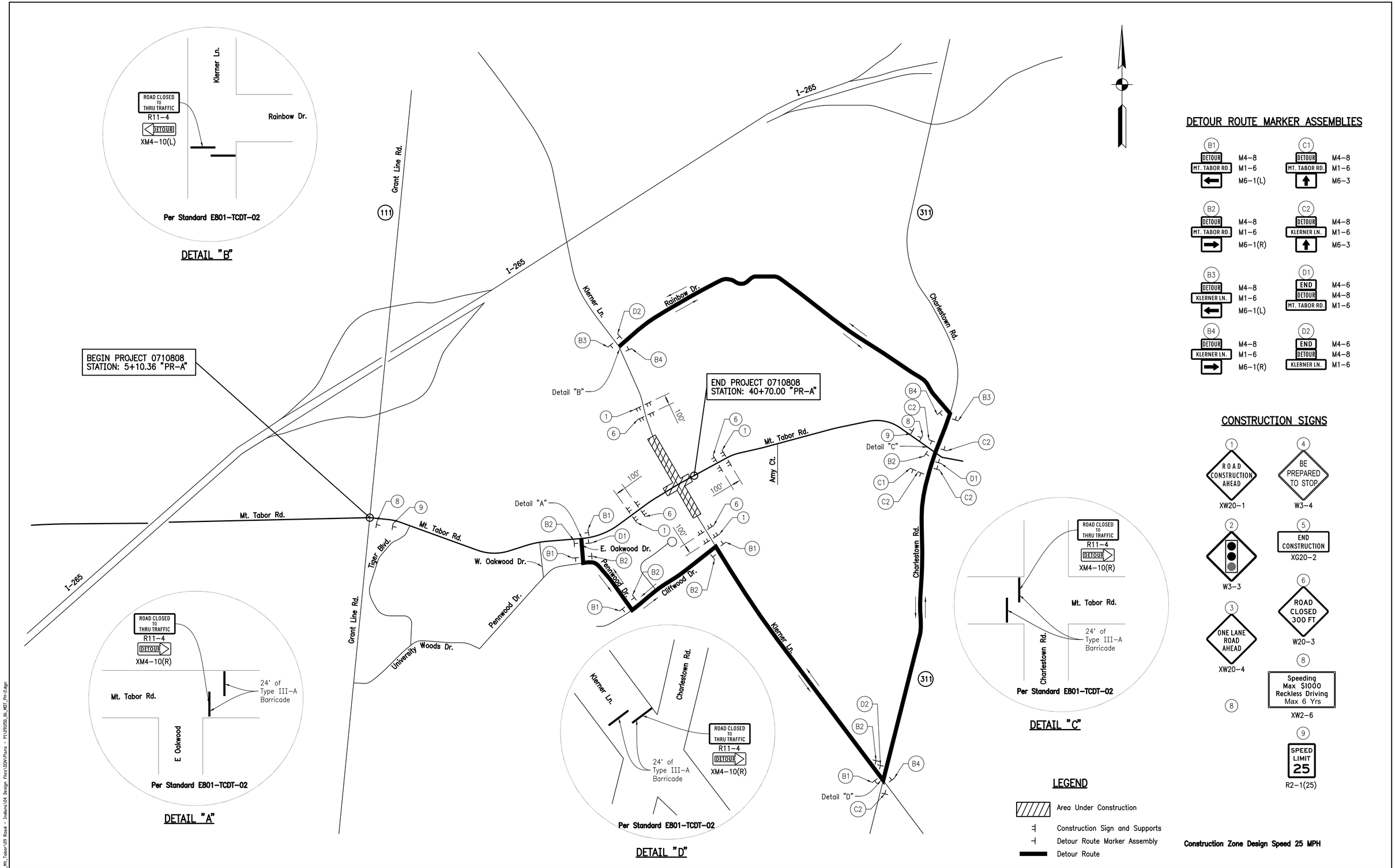

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER	RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 400' / BRIDGE FILE N.A.
	DESIGNED: AJS / DRAWN: JJP	MAINTENANCE OF TRAFFIC MT. TABOR RD. PHASE 2	VERTICAL SCALE N.A. / DESIGNATION NO. 0710808
	CHECKED: MSM / CHECKED: MSM		SURVEY BOOK ELECTRONIC / SHEETS 21 of 146
			CONTRACT R = 33319 / PROJECT NO. 0710808

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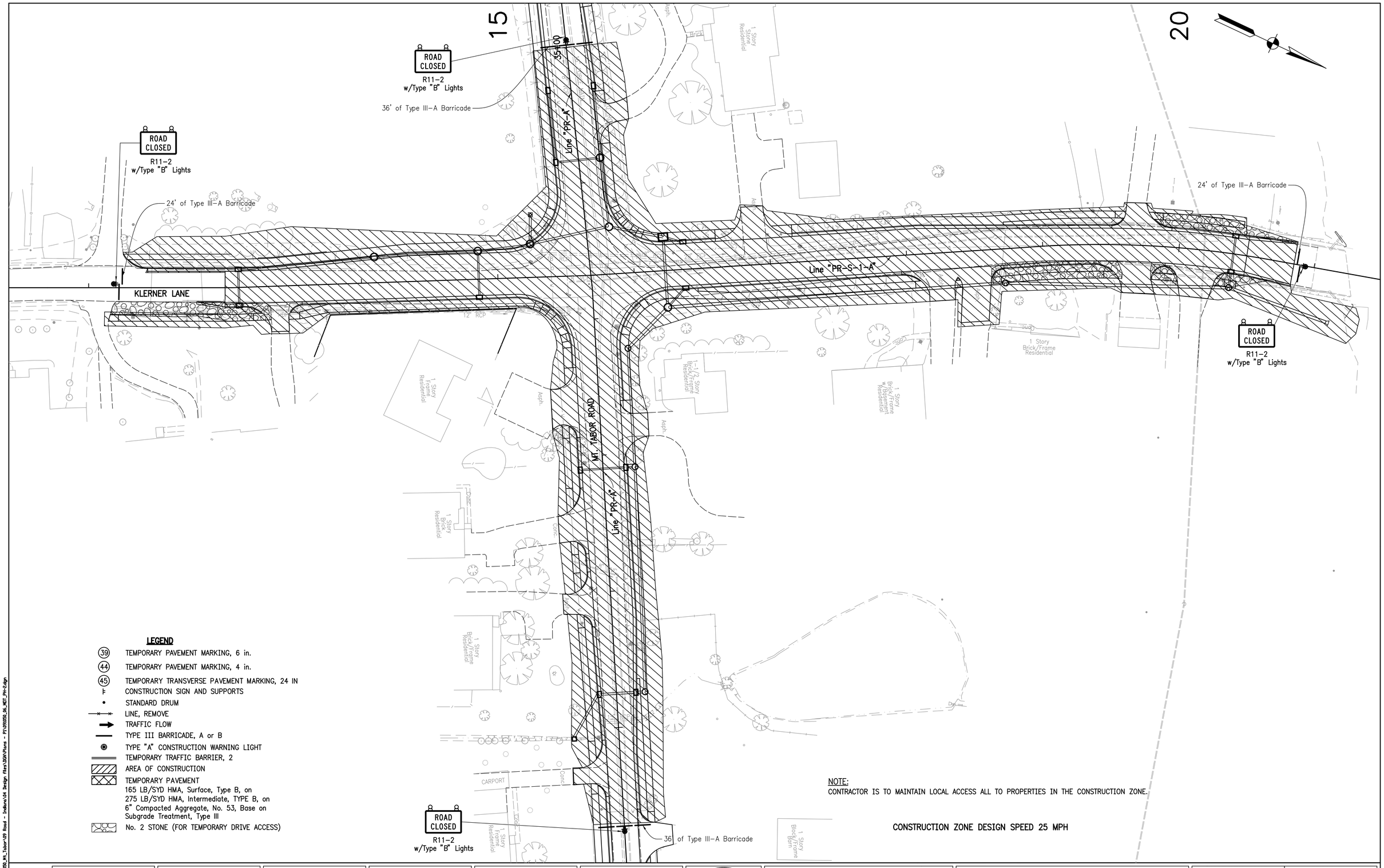


LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III
- No. 2 STONE (FOR TEMPORARY DRIVE ACCESS)

NOTE:
CONTRACTOR IS TO MAINTAIN LOCAL ACCESS ALL TO PROPERTIES IN THE CONSTRUCTION ZONE.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

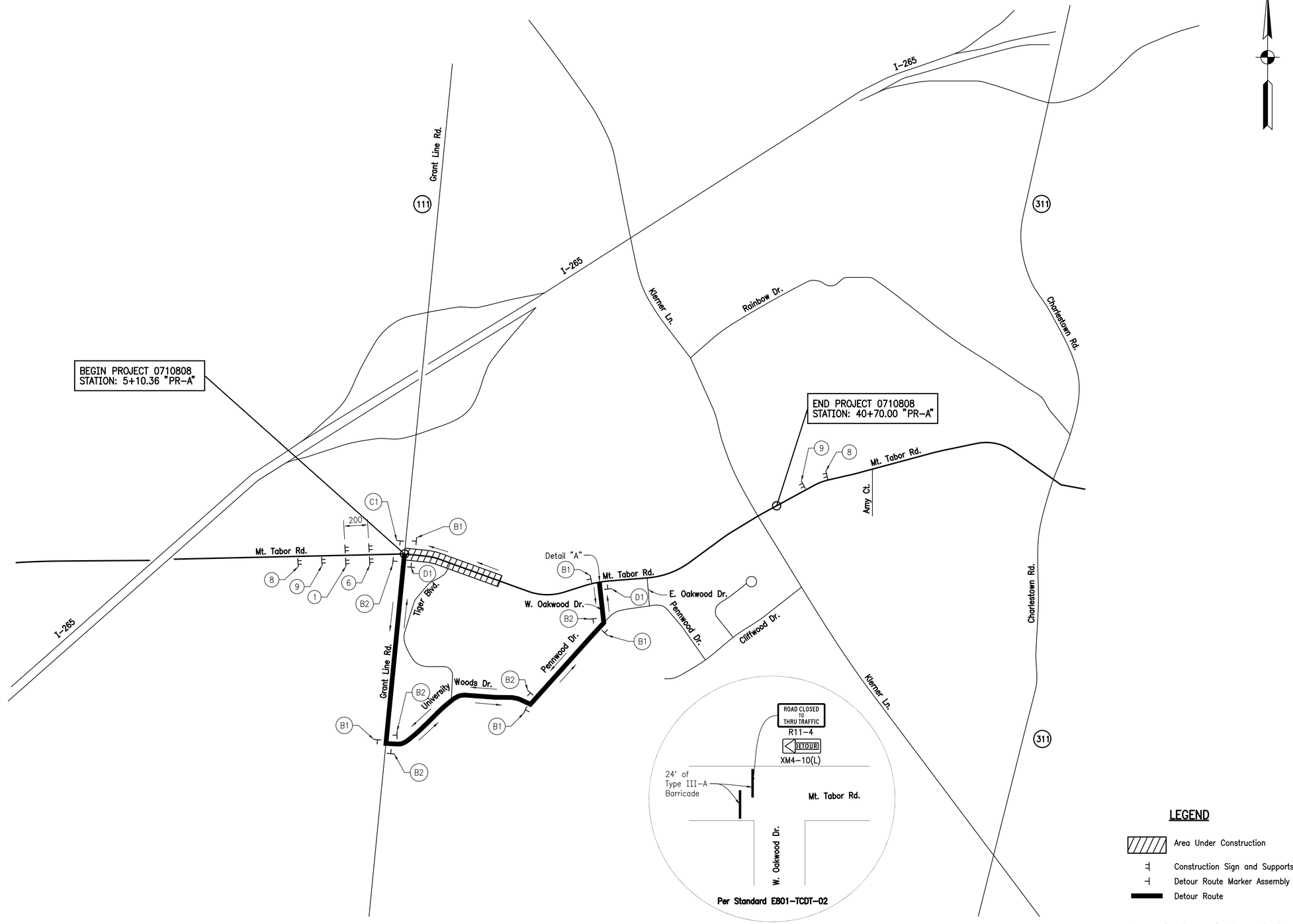
DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	22 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/26/2017 I 54948 PH I PV:\0710\Z0_Mt_Tabor\05 Road - Indiana\04 Design Files\3SDF\Plans - PV:\0710\Z0_06_MOT_PH-2.dgn



DETAIL "A"

DETOUR ROUTE MARKER ASSEMBLIES

B1	DETOUR / MT. TABOR RD. / ←	M4-8, M1-6, M6-1(L)
C1	DETOUR / MT. TABOR RD. / ↑	M4-8, M1-6, M6-3
B2	DETOUR / MT. TABOR RD. / →	M4-8, M1-6, M6-1(R)
C2	DETOUR / KLERNER LN. / ↑	M4-8, M1-6, M6-3
B3	DETOUR / KLERNER LN. / ←	M4-8, M1-6, M6-1(L)
D1	END DETOUR / MT. TABOR RD.	M4-6, M4-8, M1-6
B4	DETOUR / KLERNER LN. / →	M4-8, M1-6, M6-1(R)
D2	END DETOUR / KLERNER LN.	M4-6, M4-8, M1-6

CONSTRUCTION SIGNS

1	ROAD CONSTRUCTION AHEAD	XW20-1
4	BE PREPARED TO STOP	W3-4
2	(traffic signal)	W3-3
5	END CONSTRUCTION	XG20-2
3	ONE LANE ROAD AHEAD	XW20-4
6	ROAD CLOSED 300 FT	W20-3
8	Speeding Max $1000 Reckless Driving Max 6 Yrs	XW2-6
9	SPEED LIMIT 25	R2-1(25)

LEGEND

- Area Under Construction
- Construction Sign and Supports
- Detour Route Marker Assembly
- Detour Route

Construction Zone Design Speed 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP

CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MT. TABOR RD. PHASE 3A & 3B

HORIZONTAL SCALE	BRIDGE FILE
1" = 400'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	23 of 146
CONTRACT	PROJECT NO.
R = 33319	0710808

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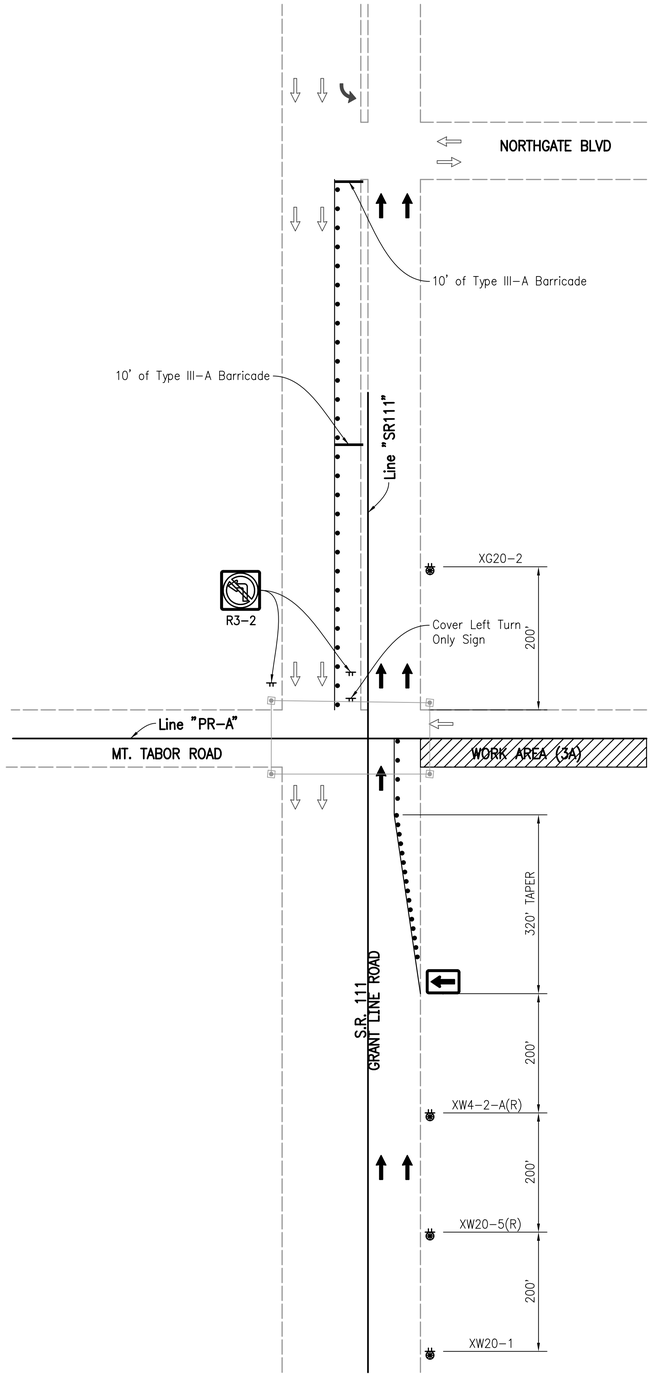
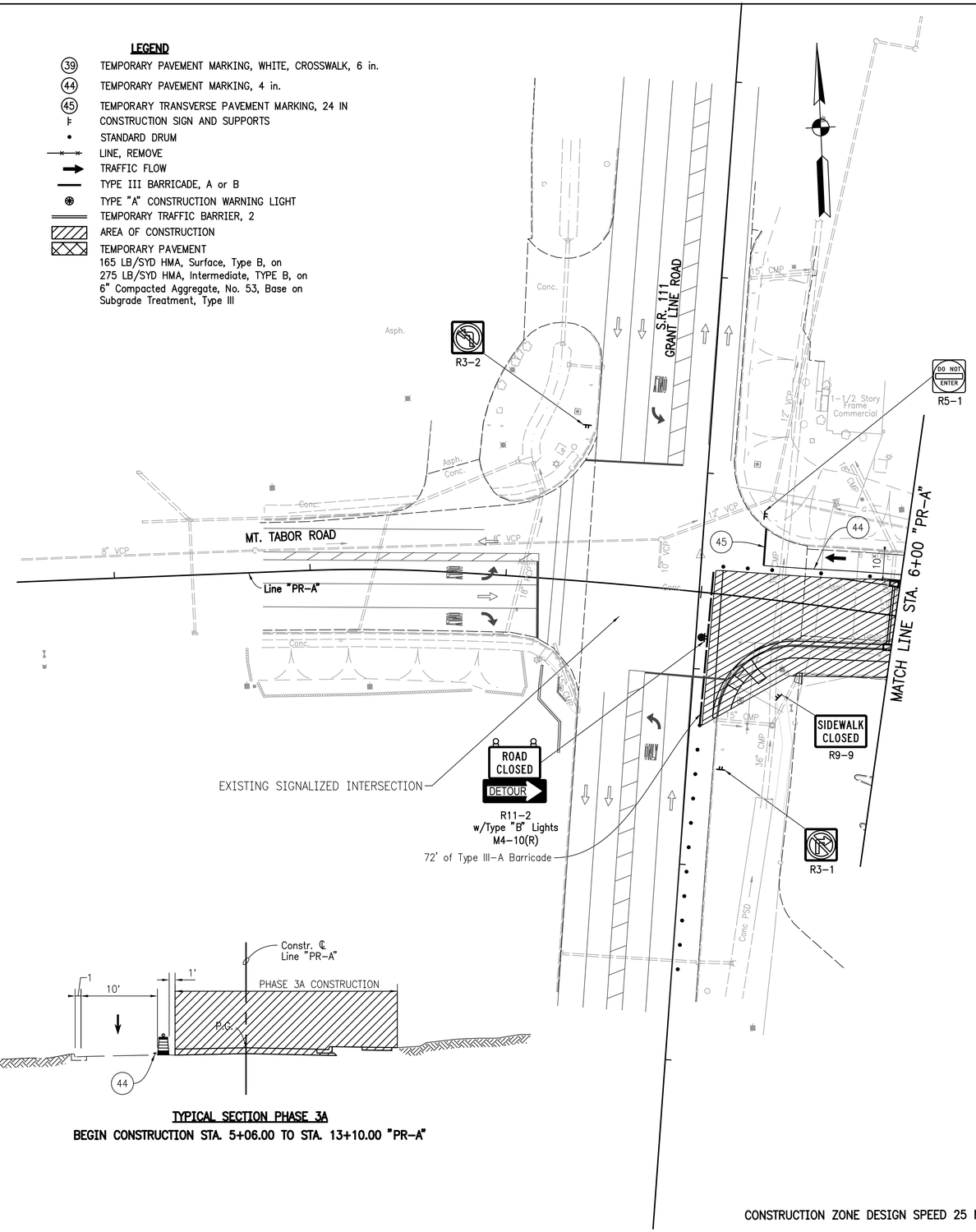
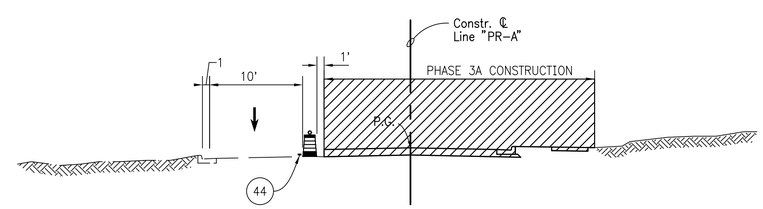


GRANT LINE ROAD LANE CLOSURE
NOT TO SCALE

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, WHITE, CROSSWALK, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III





TYPICAL SECTION PHASE 3A
BEGIN CONSTRUCTION STA. 5+06.00 TO STA. 13+10.00 "PR-A"

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	24 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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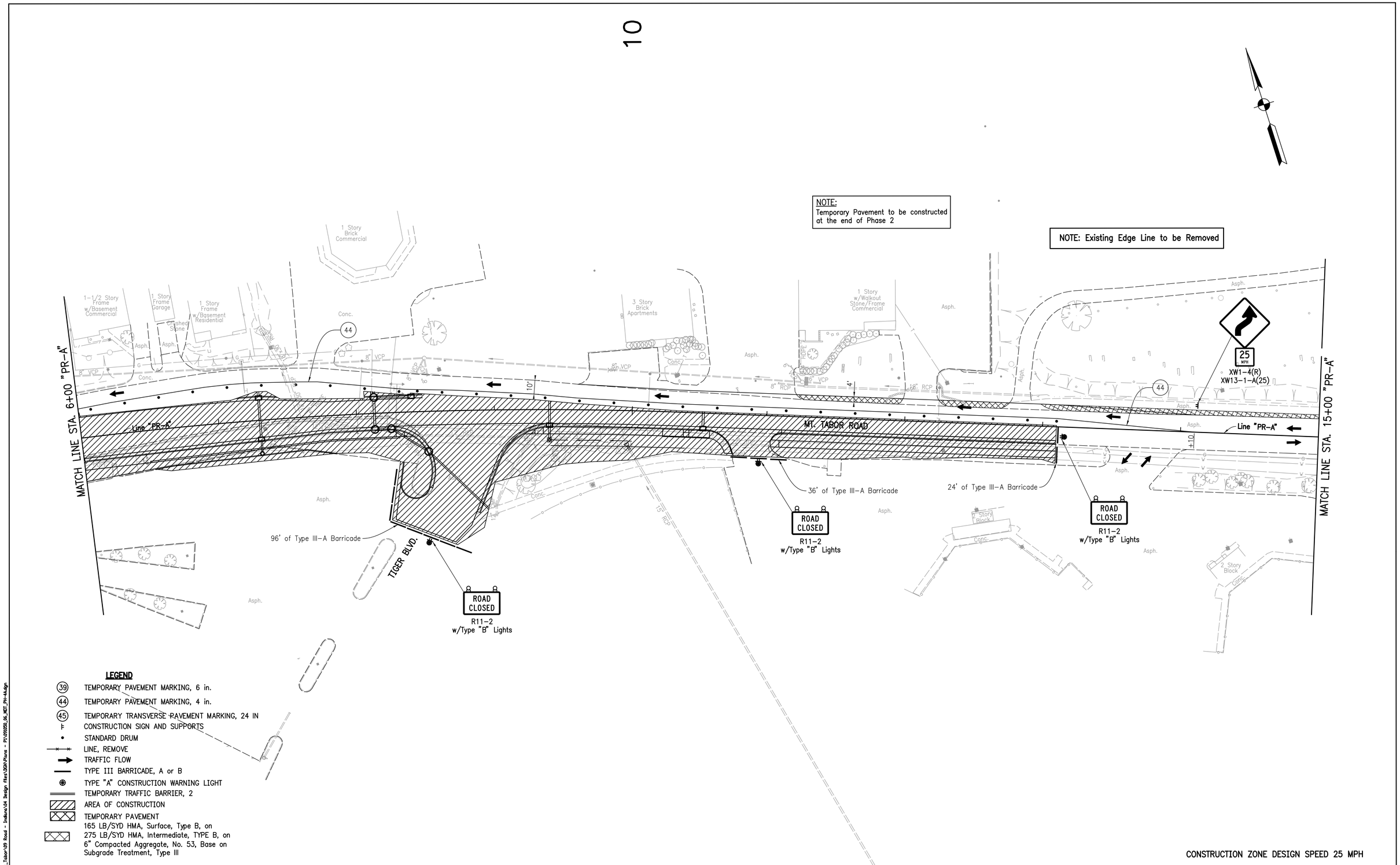

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

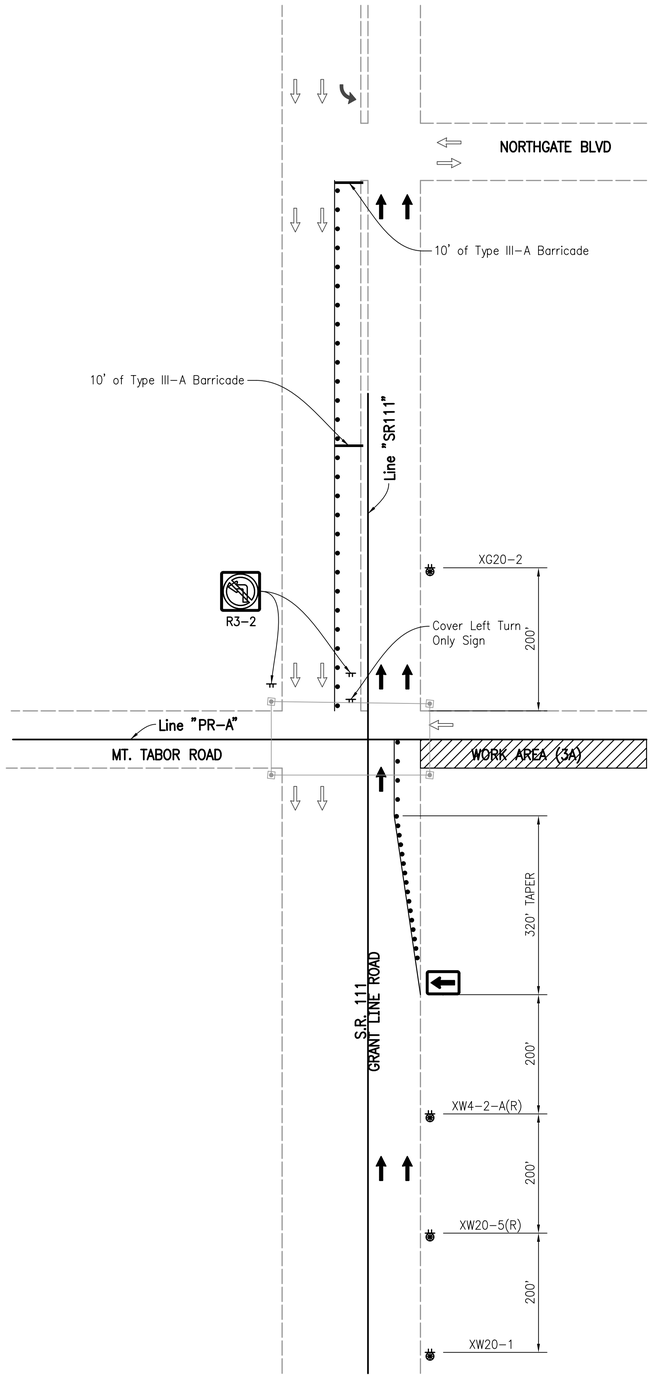
RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

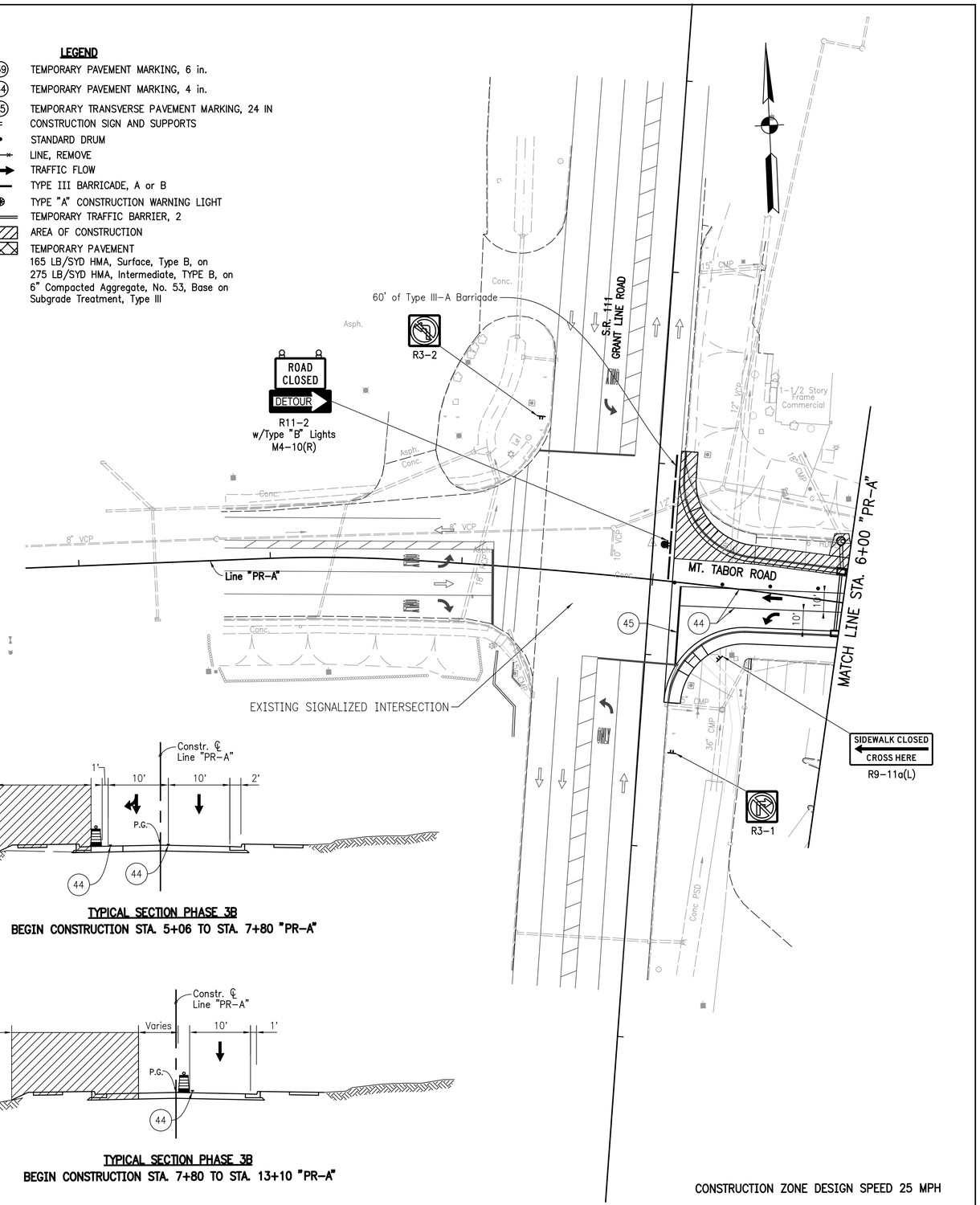
HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	25 of 146
CONTRACT	PROJECT NO.
R-33319	0710808



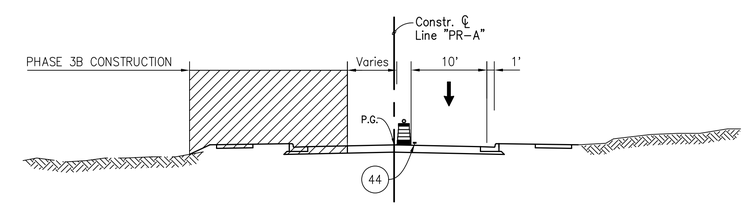
GRANT LINE ROAD LANE CLOSURE
NOT TO SCALE

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III



TYPICAL SECTION PHASE 3B
BEGIN CONSTRUCTION STA. 5+06 TO STA. 7+80 "PR-A"



TYPICAL SECTION PHASE 3B
BEGIN CONSTRUCTION STA. 7+80 TO STA. 13+10 "PR-A"

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	26 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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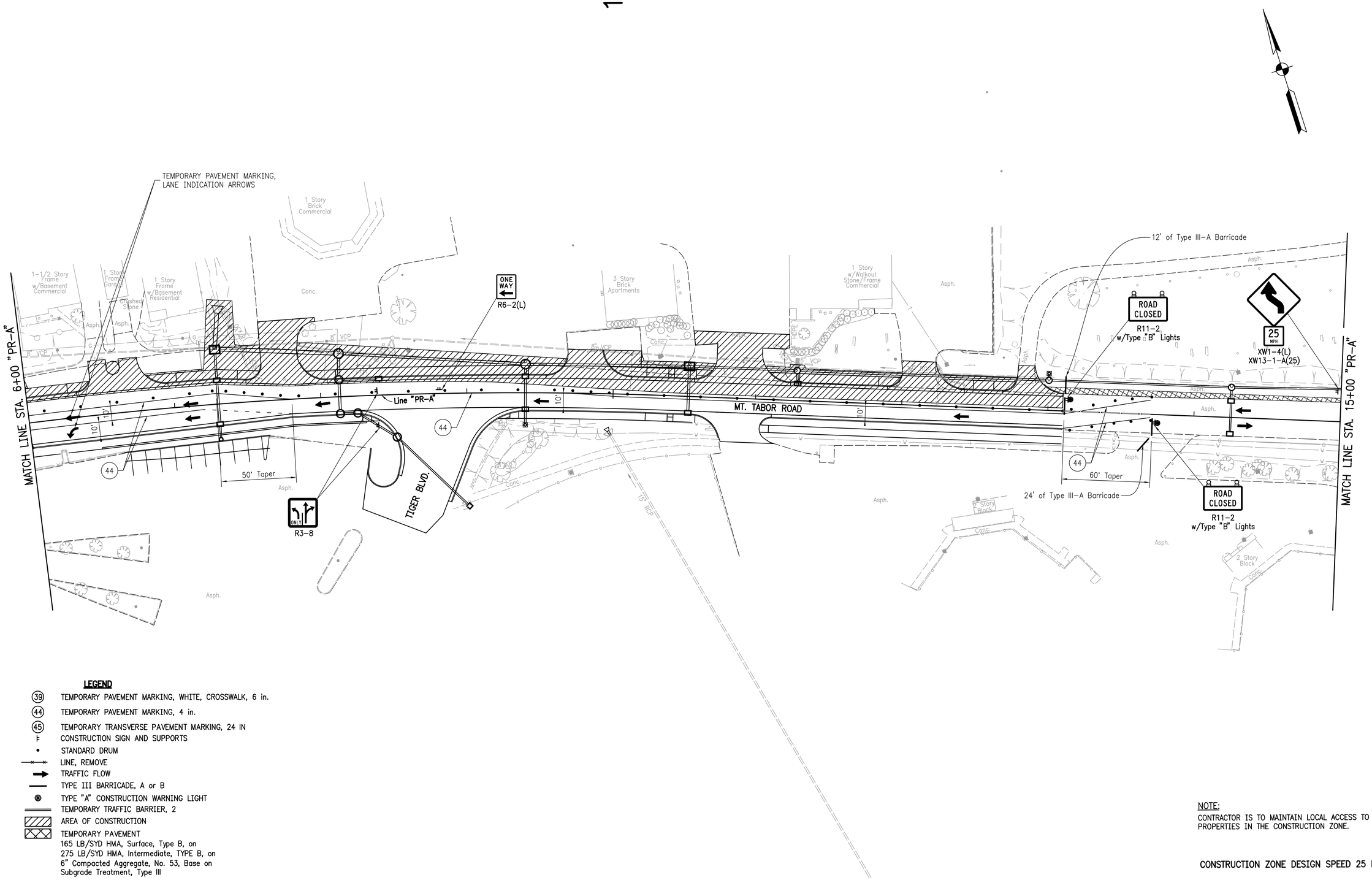

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, WHITE, CROSSWALK, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

NOTE:
CONTRACTOR IS TO MAINTAIN LOCAL ACCESS TO ALL PROPERTIES IN THE CONSTRUCTION ZONE.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	27 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 I 54950 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_06_MDT_PH-4B.dgn

BEGIN PROJECT 0710808
STATION: 5+10.36 "PR-A"

END PROJECT 0710808
STATION: 40+70.00 "PR-A"

Grant Line Rd.

I-265

Klerner Ln.

Rainbow Dr.

Charlestown Rd.

111

311

Mt. Tabor Rd.

Tiger Blvd.

W. Oakwood Dr.

E. Oakwood Dr.

Pennwood Dr.

Cliffwood Dr.

University Woods Dr.

Amy Ct.

200'

Detail "A"

24' of Type III-A Barricade

ROAD CLOSED TO THRU TRAFFIC
R11-4

DETOUR
XM4-10(L)

Per Standard E801-TCDT-02

DETAIL "A"

DETOUR ROUTE MARKER ASSEMBLIES

B1	DETOUR / MT. TABOR RD.	M4-8, M1-6, M6-1(L)
B2	DETOUR / MT. TABOR RD.	M4-8, M1-6, M6-1(R)
B3	DETOUR / KLERNER LN.	M4-8, M1-6, M6-1(L)
B4	DETOUR / KLERNER LN.	M4-8, M1-6, M6-1(R)
C1	DETOUR / MT. TABOR RD.	M4-8, M1-6, M6-3
C2	DETOUR / KLERNER LN.	M4-8, M1-6, M6-3
D1	END DETOUR / MT. TABOR RD.	M4-6, M4-8, M1-6
D2	END DETOUR / KLERNER LN.	M4-6, M4-8, M1-6

CONSTRUCTION SIGNS

1. ROAD CONSTRUCTION AHEAD — XW20-1
2. W3-3
3. ONE LANE ROAD AHEAD — XW20-4
4. BE PREPARED TO STOP — W3-4
5. END CONSTRUCTION — XG20-2
6. ROAD CLOSED 300 FT — W20-3
7. ROAD CLOSED 1000 FT — W20-3(1)
8. Speeding Max $1000 Reckless Driving Max 6 Yrs — XW2-6
9. SPEED LIMIT 25 — R2-1(25)

LEGEND

- Area Under Construction
- Construction Sign and Supports
- Detour Route Marker Assembly
- Detour Route

Construction Zone Design Speed 25 MPH

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

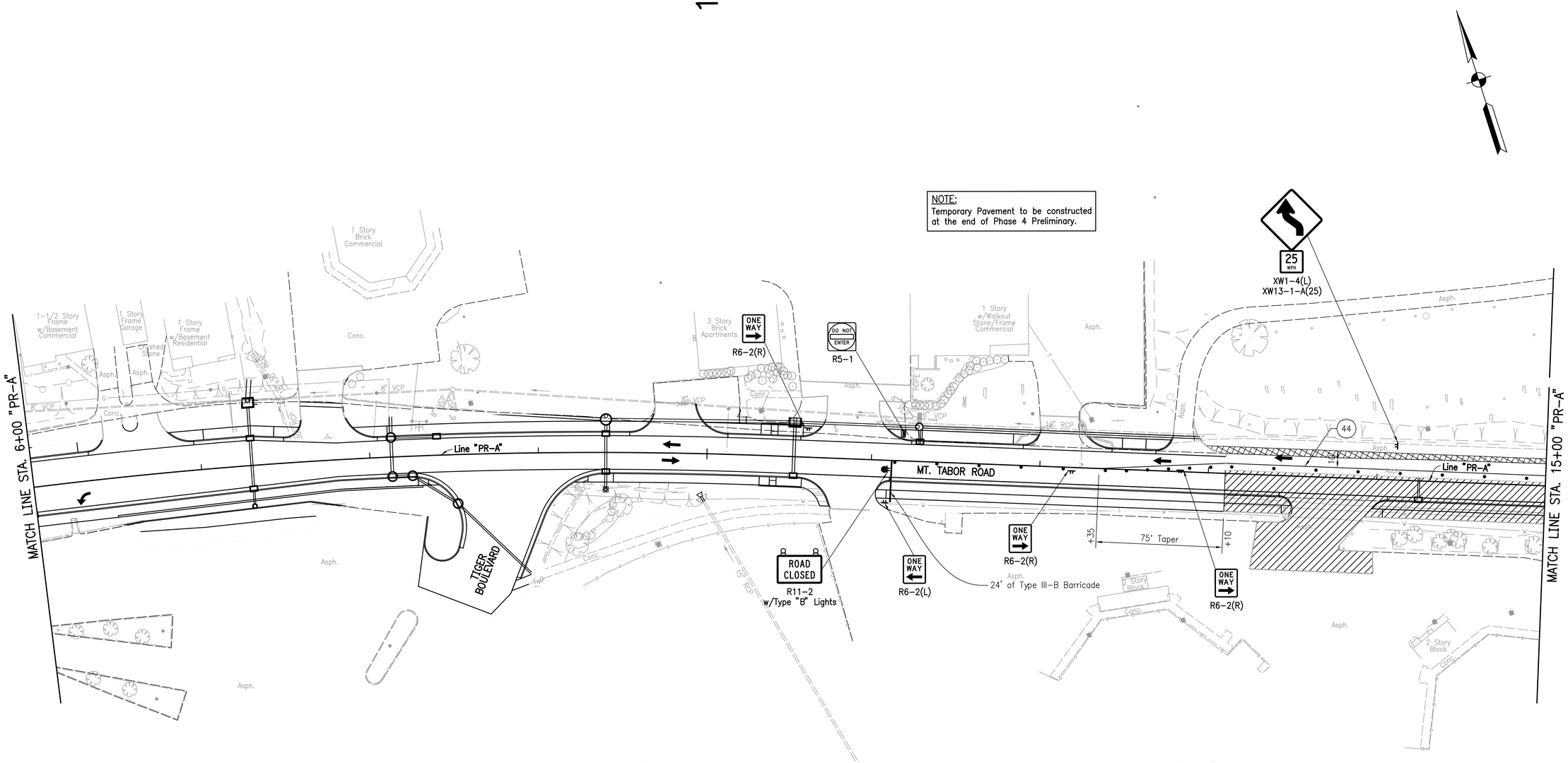
RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

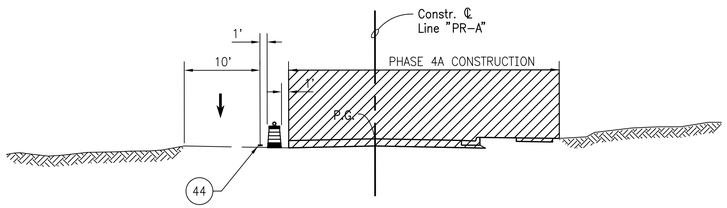
DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

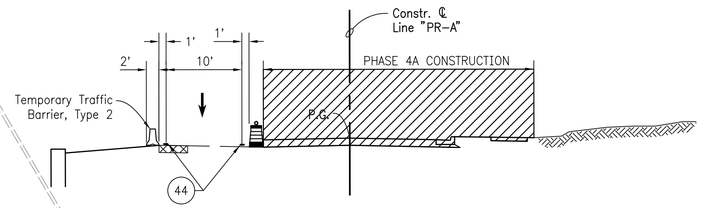
MAINTENANCE OF TRAFFIC
MT. TABOR RD. PHASE 4 PRE., 4A & 4B

HORIZONTAL SCALE	BRIDGE FILE
1" = 400'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	28 of 146
CONTRACT	PROJECT NO.
R = 33319	0710808





TYPICAL SECTION PHASE 4A
BEGIN CONSTRUCTION STA. 13+10 TO STA. 20+25 "PR-A"
STA. 29+95 TO STA. 36+10 "PR-A"



TYPICAL SECTION PHASE 4A
STA. 20+25 TO STA. 29+95 "PR-A"

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 4A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	29 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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15

20

NOTE:
Temporary Pavement to be constructed at the end of Phase 4 Preliminary.

MATCH LINE STA. 15+00 "PR-A"

MATCH LINE STA. 24+00 "PR-A"

MT. TABOR ROAD

Line "PR-A"

ONE WAY
R6-2(L)

ONE WAY
R6-2(R)

25 MPH
XW1-4(L)
XW13-1-A(25)

100' Taper

+25

+25

44

W. OAKWOOD DRIVE

12' of Type III-A Barricade

ROAD CLOSED
R11-2
w/Type "B" Lights

24' of Type III-B Barricade

24' of Type III-B Barricade

ROAD CLOSED
R11-2
w/Type "B" Lights

24' of Type III-A Barricade

24' of Type III-A Barricade

ROAD CLOSED TO THRU TRAFFIC
R11-4

1 Story Frame Garage

2 Story Stone/Frame Residential

1 Story Brick Residential

2 Story Brick/Frame Residential

1 Story Stone Commercial

CHURCH

SAN. FORCE MAIN

Asph.

Conc.

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

NOTE:
CONTRACTOR IS TO MAINTAIN ACCESS TO ALL DRIVES. CHURCH DRIVE TO BE BUILT ONE LANE AT A TIME TO MAINTAIN TRAFFIC.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP

CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 4A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	30 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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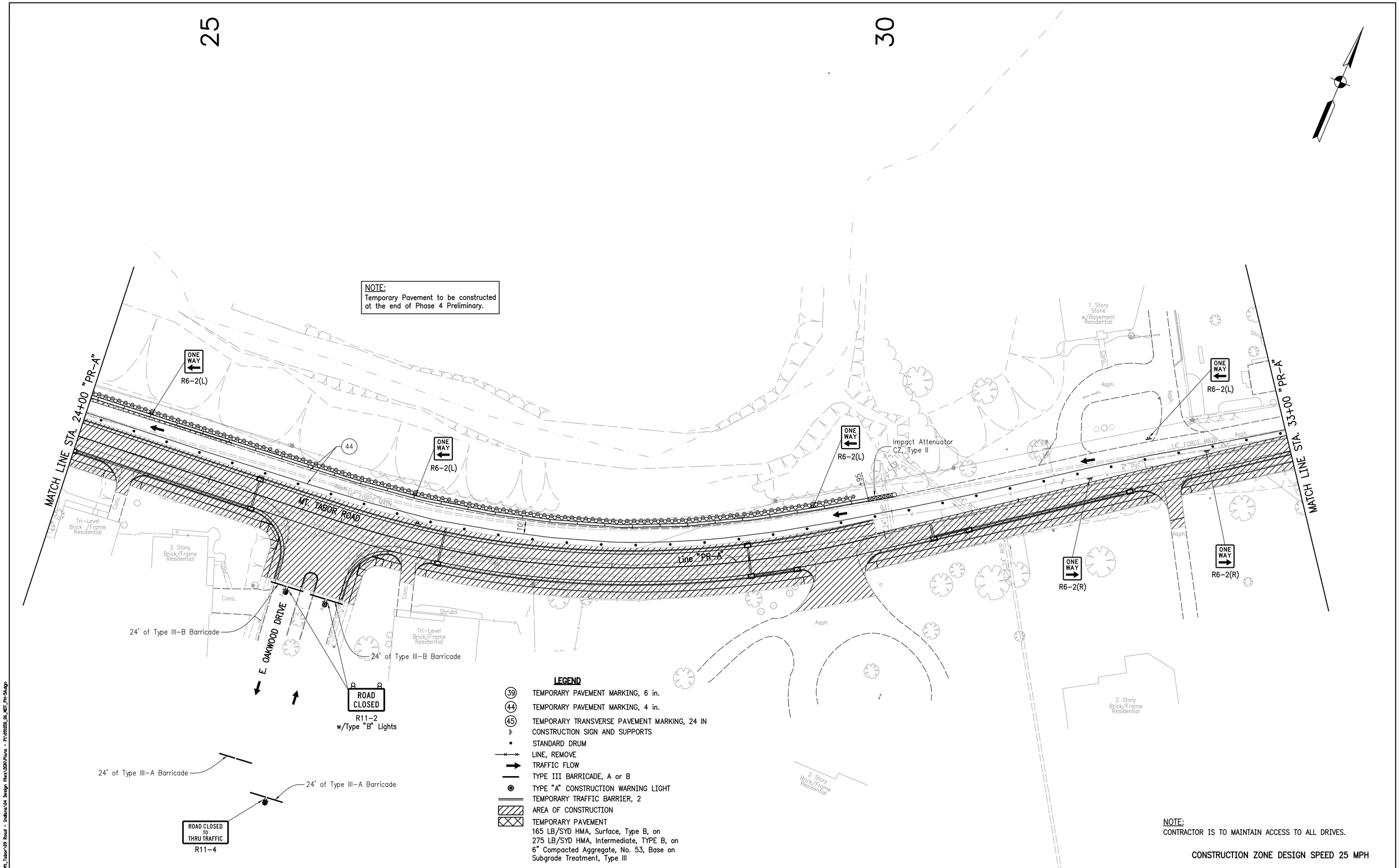

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT 165 LB/SYD HMA, Surface, Type B, on 275 LB/SYD HMA, Intermediate, TYPE B, on 6" Compacted Aggregate, No. 53, Base on Subgrade Treatment, Type III

NOTE:
CONTRACTOR IS TO MAINTAIN ACCESS TO ALL DRIVES.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 4A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	31 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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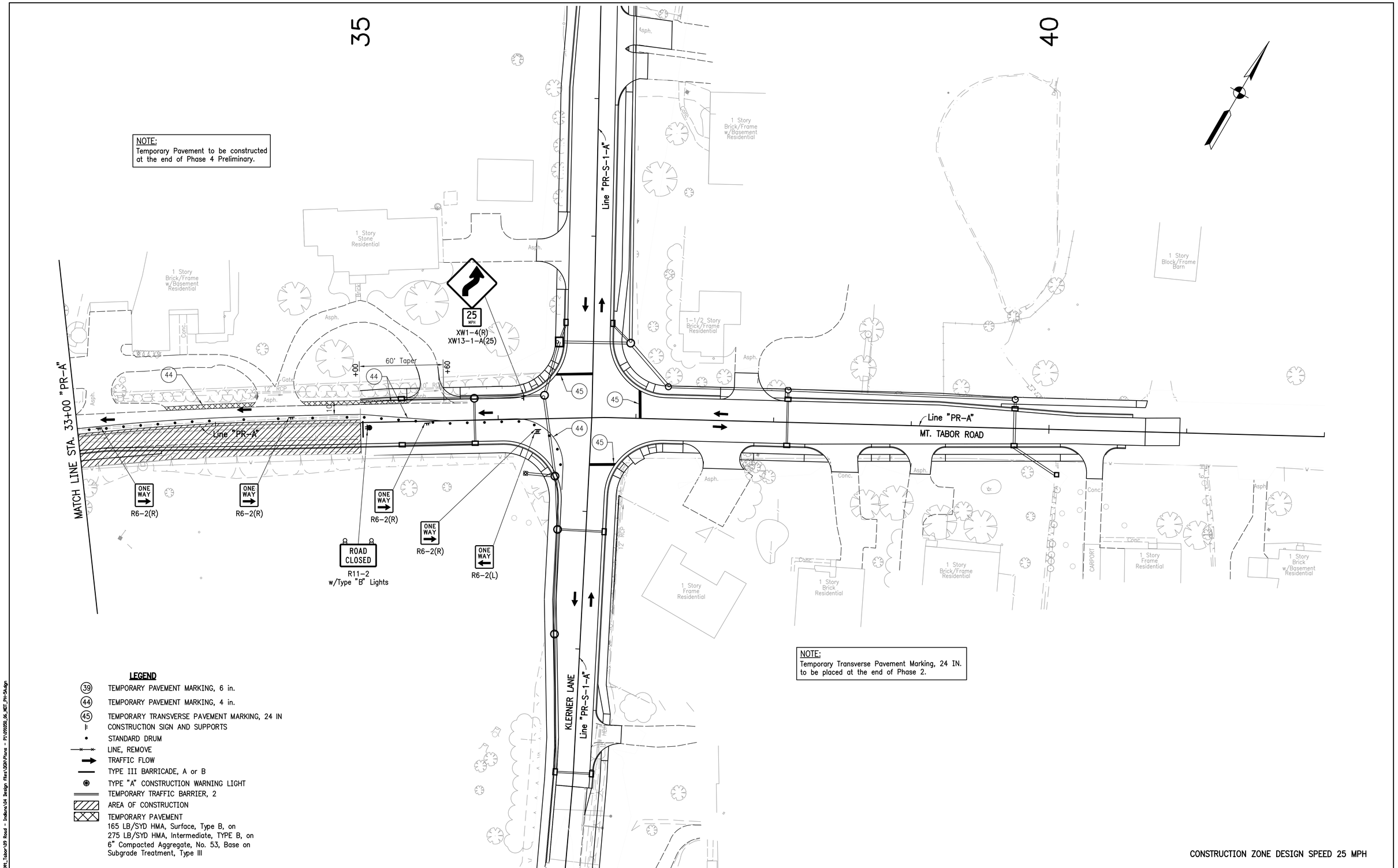

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

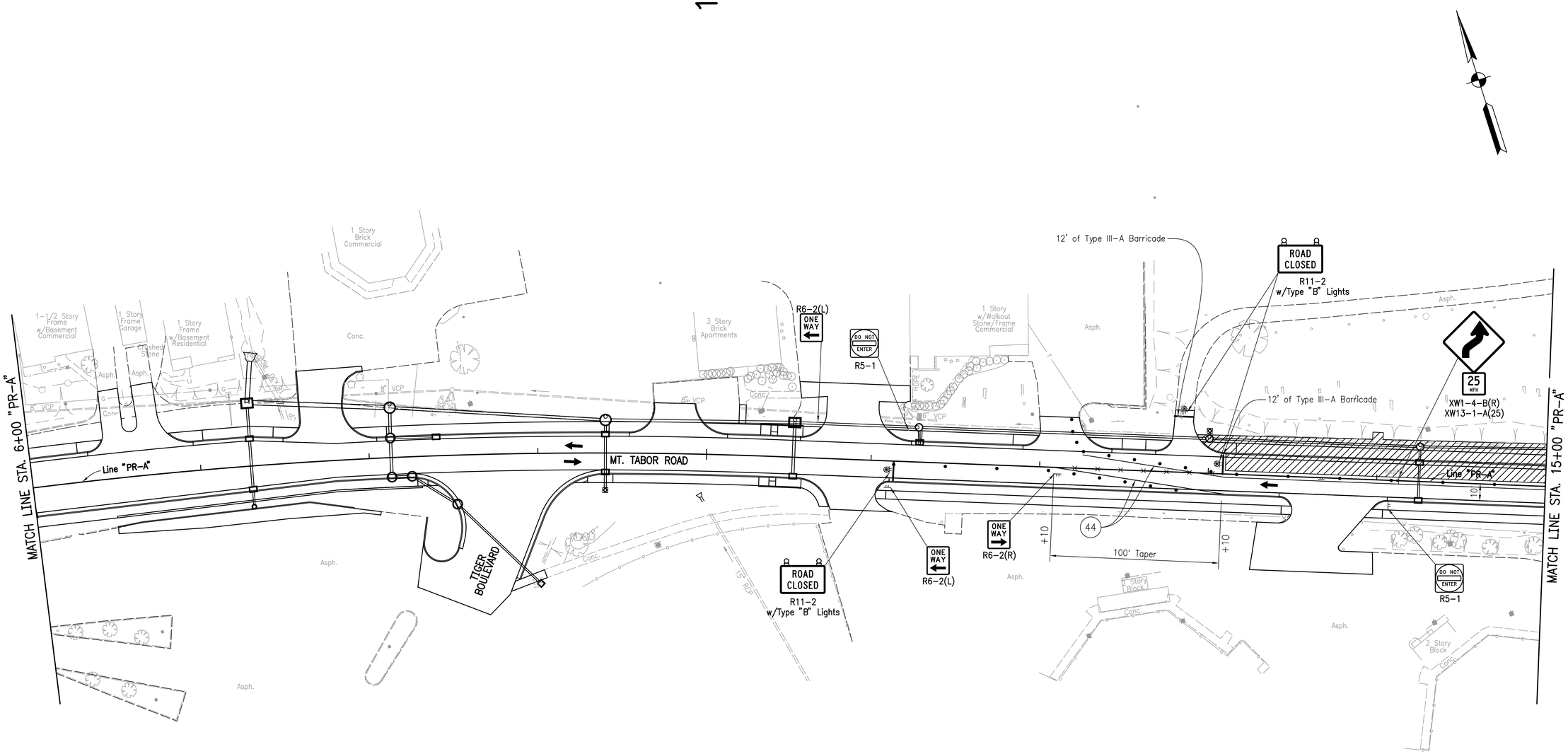
RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

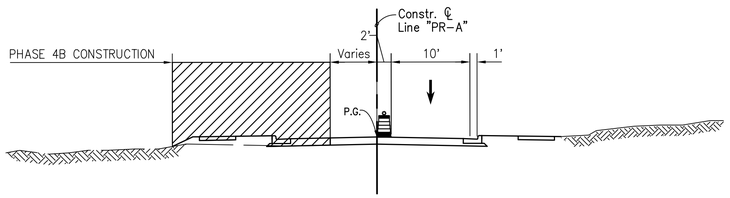
MAINTENANCE OF TRAFFIC PHASE 4A

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	32 of 146
CONTRACT	PROJECT NO.
R-33319	0710808



LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III



TYPICAL SECTION PHASE 4B
BEGIN CONSTRUCTION STA. 13+10.00 TO STA. 36+10.00 "PR-A"

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 4B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	33 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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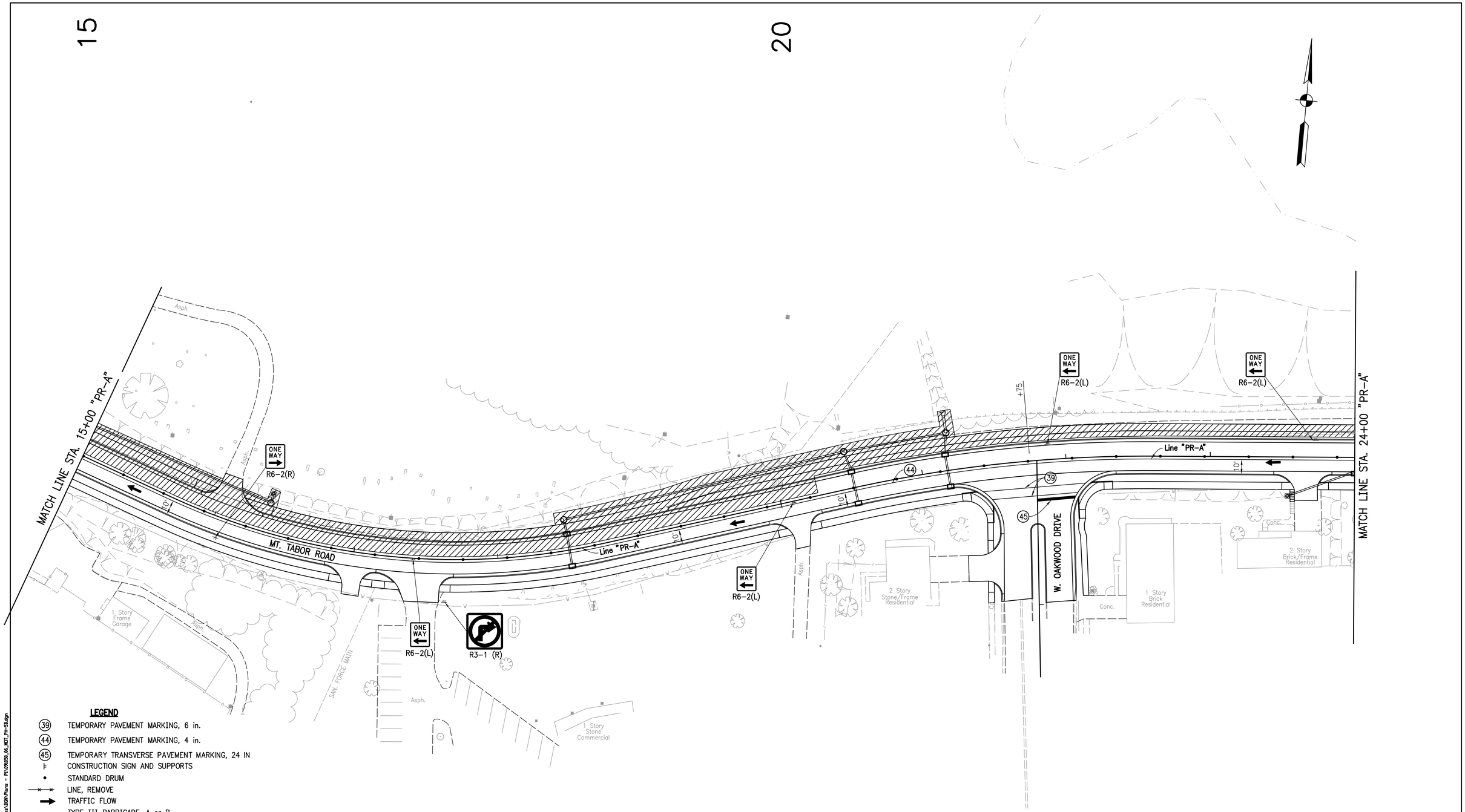

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

NOTE:
CONTRACTOR IS TO MAINTAIN ACCESS TO ALL PROPERTIES.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	34 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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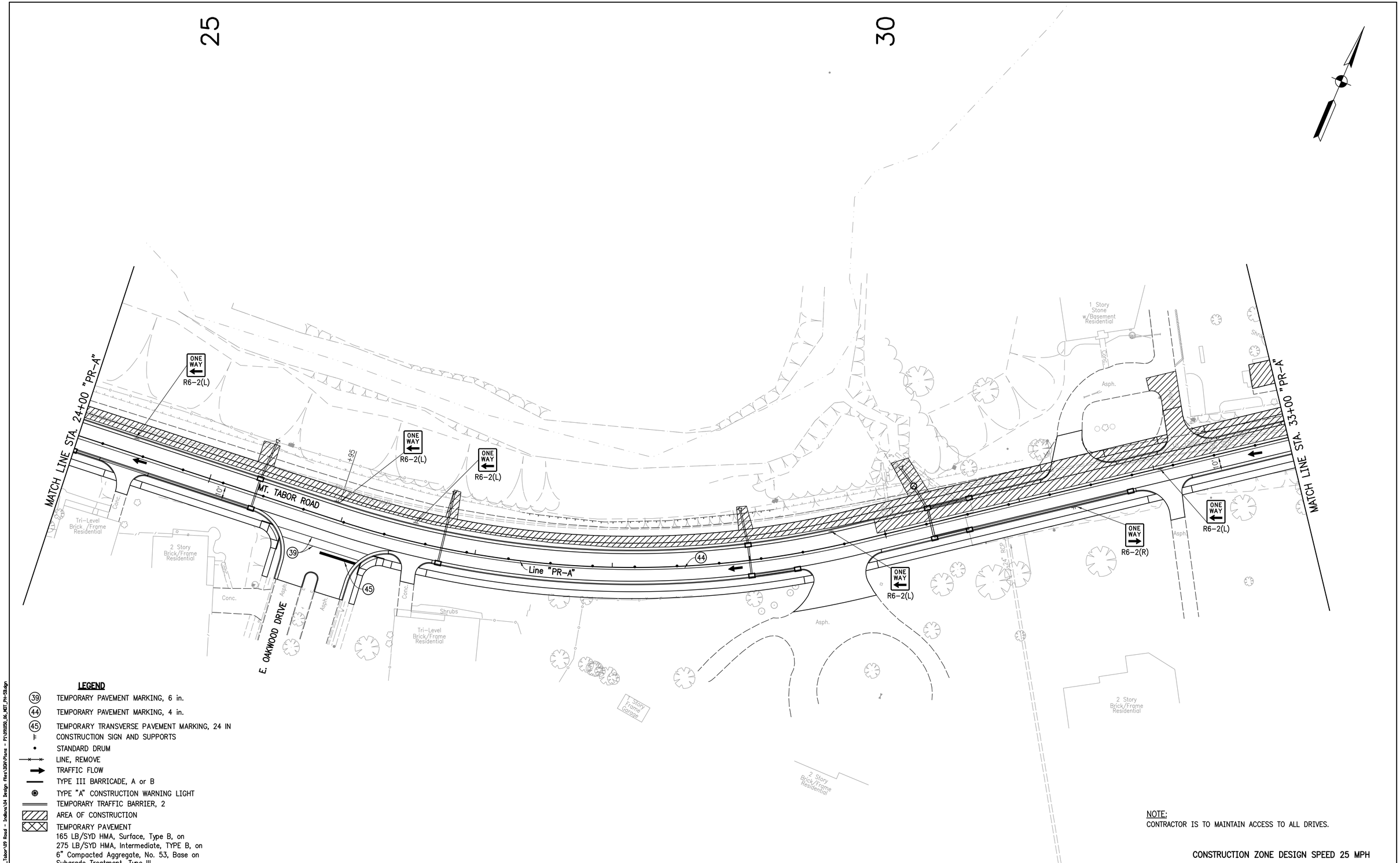

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

NOTE:
CONTRACTOR IS TO MAINTAIN ACCESS TO ALL DRIVES.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	35 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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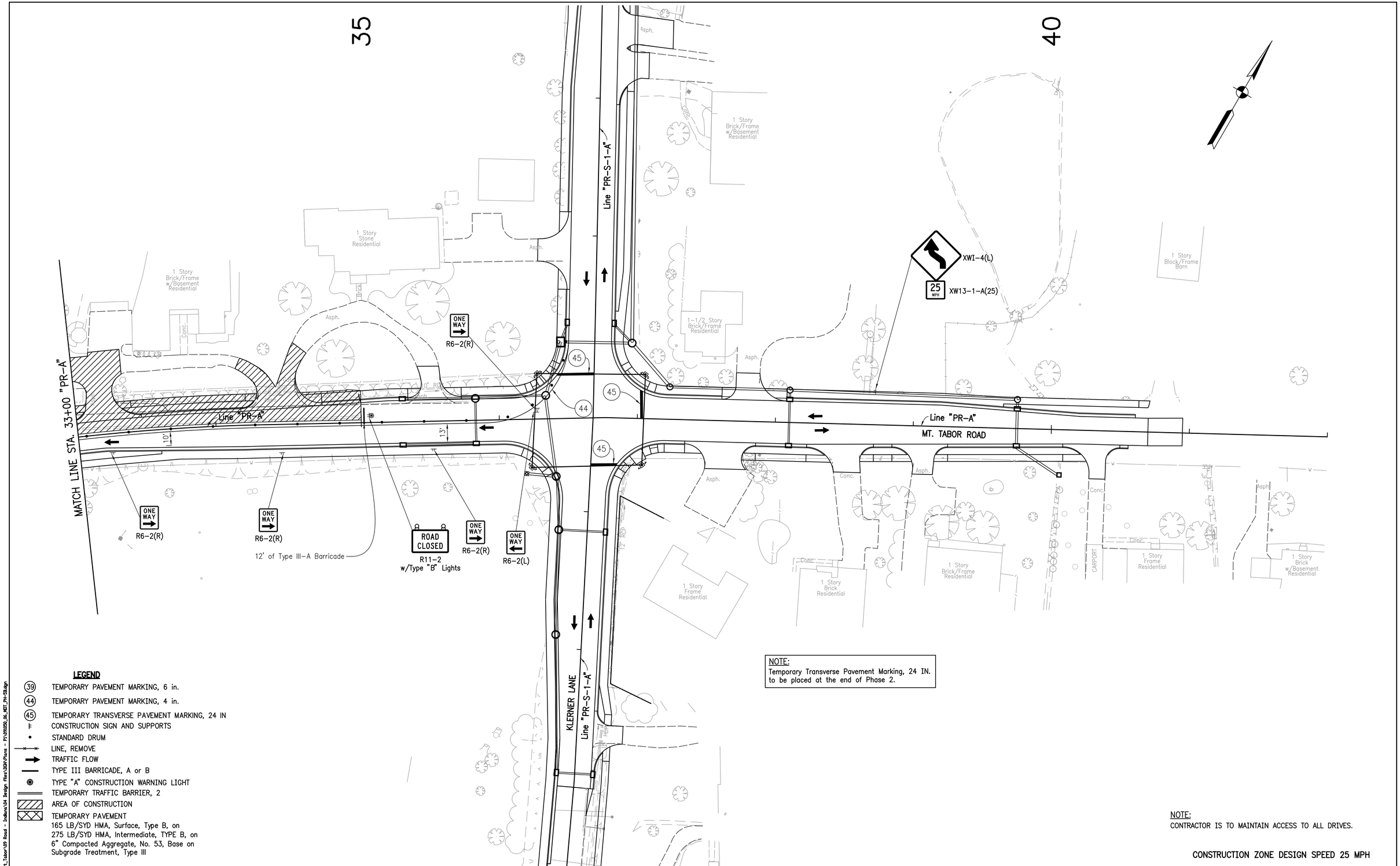

NOTE:
Temporary Transverse Pavement Marking, 24 IN. to be placed at the end of Phase 2.

LEGEND

- (39) TEMPORARY PAVEMENT MARKING, 6 in.
- (44) TEMPORARY PAVEMENT MARKING, 4 in.
- (45) TEMPORARY TRANSVERSE PAVEMENT MARKING, 24 IN
- CONSTRUCTION SIGN AND SUPPORTS
- STANDARD DRUM
- LINE, REMOVE
- TRAFFIC FLOW
- TYPE III BARRICADE, A or B
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TEMPORARY TRAFFIC BARRIER, 2
- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
  165 LB/SYD HMA, Surface, Type B, on
  275 LB/SYD HMA, Intermediate, TYPE B, on
  6" Compacted Aggregate, No. 53, Base on
  Subgrade Treatment, Type III

NOTE:
CONTRACTOR IS TO MAINTAIN ACCESS TO ALL DRIVES.

CONSTRUCTION ZONE DESIGN SPEED 25 MPH

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4B

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	36 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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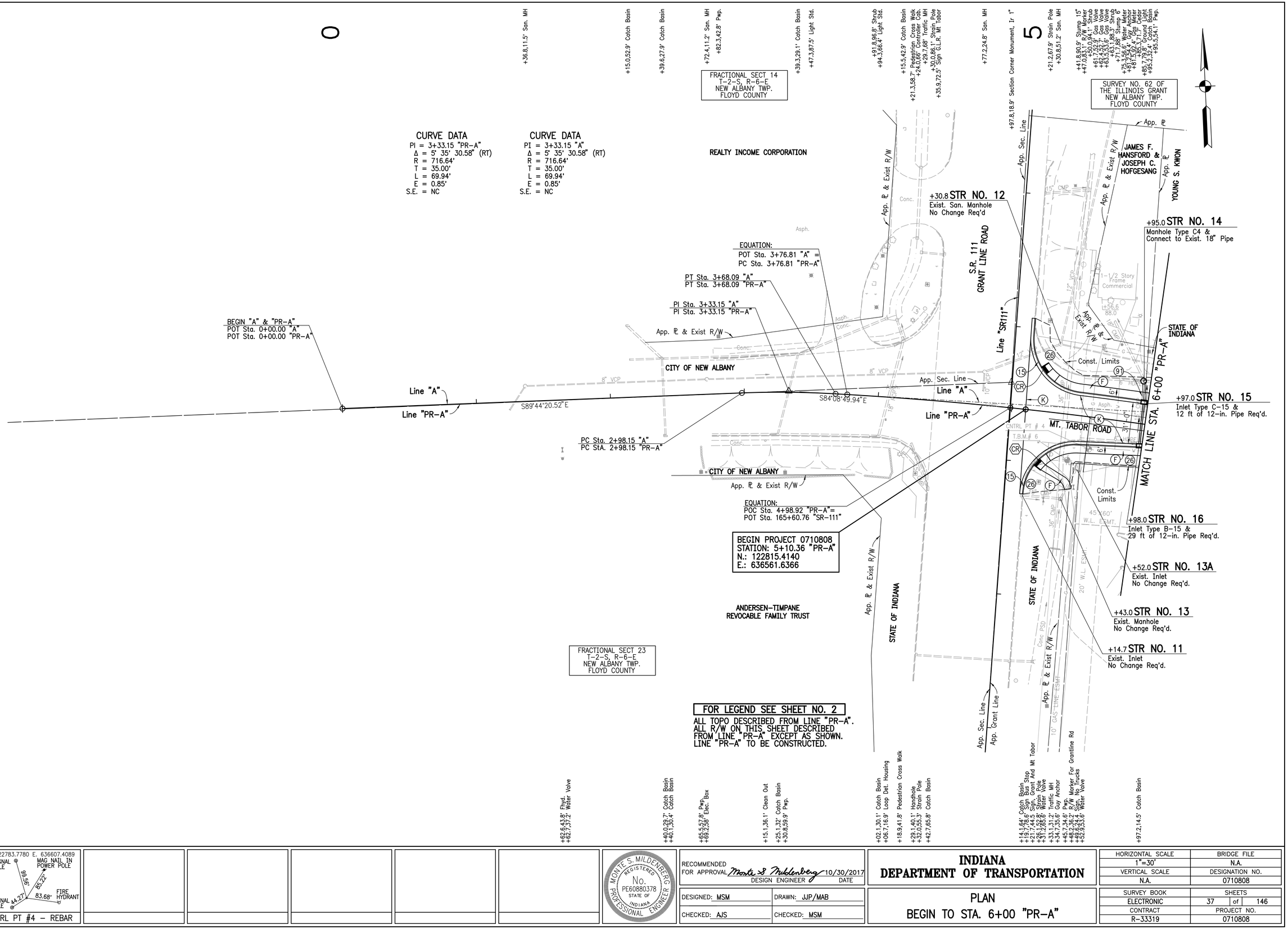


N. 122783.7780 E. 636607.4089
MAG NAIL IN POWER POLE
SIGNAL POLE
FIRE HYDRANT
SIGNAL POLE
99.56'
85.22'
83.68'
44.27'
CNTRL PT #4 – REBAR

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
BEGIN TO STA. 6+00 "PR-A"

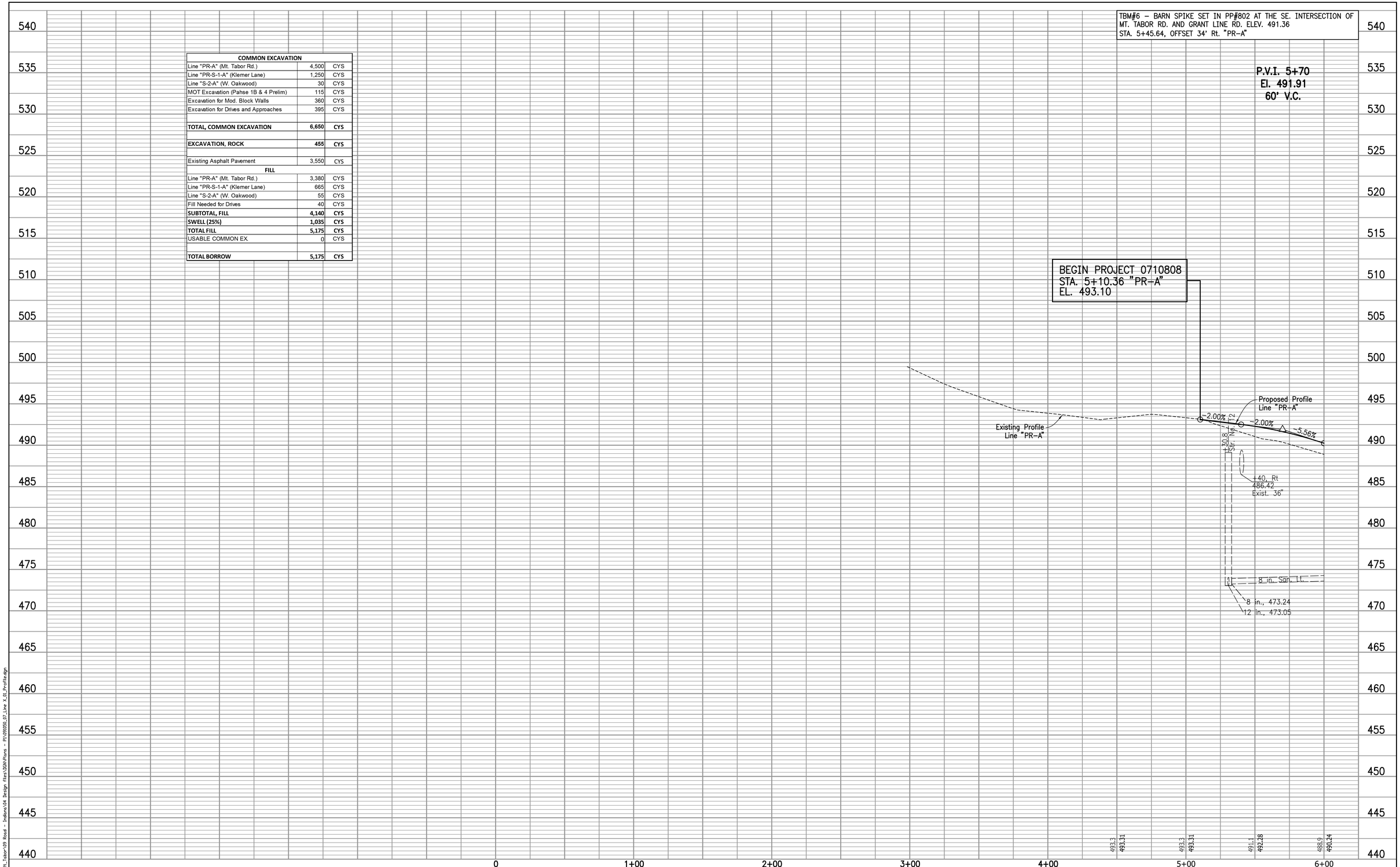
HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	37 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 I 5:50:58 PM I P\V09050_Mt_Tabor-V9 Road - Indiana\04 Design Files\SDA\Plans - P\V09050_07_Line X_01_Plan.dgn

TBM#6 – BARN SPIKE SET IN PP#802 AT THE SE. INTERSECTION OF MT. TABOR RD. AND GRANT LINE RD. ELEV. 491.36
STA. 5+45.64, OFFSET 34' Rt. "PR-A"

COMMON EXCAVATION		
Line "PR-A" (Mt. Tabor Rd.)	4,500	CYS
Line "PR-S-1-A" (Klemer Lane)	1,250	CYS
Line "S-2-A" (W. Oakwood)	30	CYS
MOT Excavation (Pahse 1B & 4 Prelim)	115	CYS
Excavation for Mod. Block Walls	360	CYS
Excavation for Drives and Approaches	395	CYS
TOTAL, COMMON EXCAVATION	**6,650**	**CYS**
EXCAVATION, ROCK	**455**	**CYS**
Existing Asphalt Pavement	3,550	CYS
FILL		
Line "PR-A" (Mt. Tabor Rd.)	3,380	CYS
Line "PR-S-1-A" (Klemer Lane)	665	CYS
Line "S-2-A" (W. Oakwood)	55	CYS
Fill Needed for Drives	40	CYS
SUBTOTAL, FILL	**4,140**	**CYS**
SWELL (25%)	**1,035**	**CYS**
TOTAL FILL	**5,175**	**CYS**
USABLE COMMON EX.	0	CYS
TOTAL BORROW	**5,175**	**CYS**



MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM DRAWN: MAB
CHECKED: AJS CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
BEGIN TO STA. 6+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	38 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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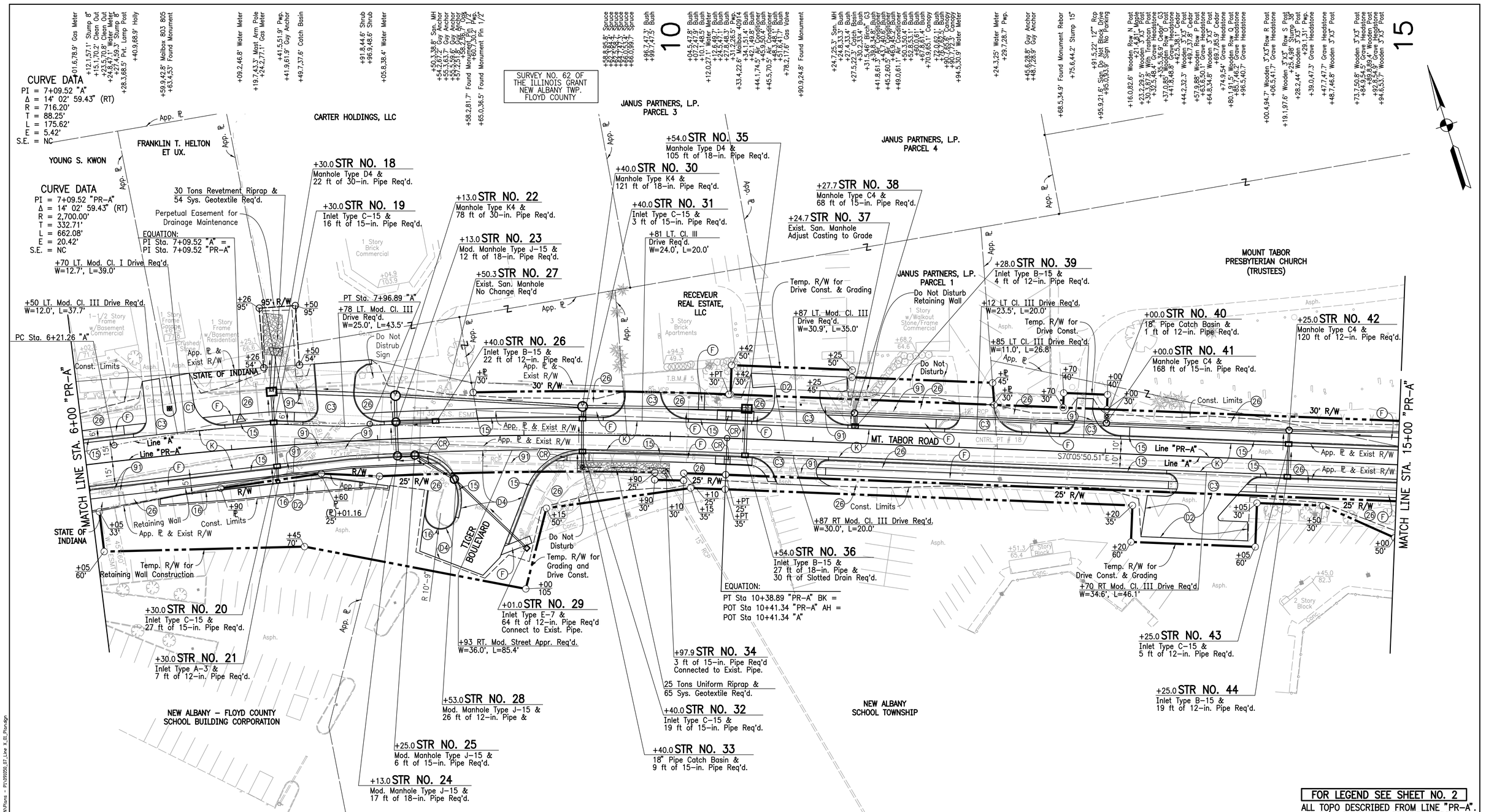

+97.2,14.5' Catch Basin
+04.0,88.8' Post
+04.1,88.6' Guy Anchor
+16.1,15.4' Sign Crossing
+16.2,17.8' Sign Crossing
+21.2,19.9' Storm MH
Crabapple
Water Valve
Water Valve
+45.5,23.8' Flhyd.
Crabapple
Conc.Fdn.
Speed Limit Sign
Street Name Sign
Sign No Park
Sign No Park
+93.0,21.7' Sign No Park
Pwp.
Guy Anchor
Catch Basin
Storm MH
+58.0,1.7' Catch Basin
+00.0,12.6' Water Valve
Mast Arm Pole
Hdwl.
Hdwl.
Hdwl.
Cmp
Hdwl.
Sign
Oak
Hdwl.
Shrub
Shrub
Shrub
Shrub
Shrub
Shrub
Sign, Slow Children
Light Std. Baseball Field
Hdwl.
Hdwl.
Downspout 15" Rcp
Hdwl.
Rcp
Rcp
Sign, R8-1
Rcp
Sign No Parking
Light Std.
Wooden Post
Pwp.
Light Std.
Guy Anchor
Pwp.
Sign No Parking
Light Std.
Sign Handicap Parking
Sign, Buckle Up
Wooden Post
Wooden Post
Sign, R8-1
Sumac
Pwp.
Sumac
Pwp.
Sumac
Sumac
Sumac
Pwp.
Sumac

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A". ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN. LINE "PR-A" TO BE CONSTRUCTED.

N. 122631.9488 E. 637276.7727
BUILDING CORNER
MAG NAIL IN POWER POLE
MAG NAIL IN POWER POLE
22.88
80.54'
45.34'
73.17'
SIGN (CURVY ROAD)
CNTRL PT #18 - REBAR

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 6+00 TO 15+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	39 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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P.V.I. 8+00
El. 479.12
400' V.C.

P.V.I. 11+50
El. 496.22
200' V.C.

P.V.I. 13+20
El. 502.00
140' V.C.

TBM#5 – BARN SPIKE SET IN PP#403470
N. SIDE OF MT. TABOR RD. AT APT. BLDG. #819. ELEV. 490.61
STA. 10+31.26, OFFSET 25.50' Lt "PR–A"

EQUATION: PT Sta. 10+38.89 "PR–A" BK =
Elev. 490.88
POT Sta. 10+41.34 "PR–A" AH
Elev. 490.88

Proposed Profile Line "PR–A"
Existing Profile Line "PR–A"

+21.2 Ex. Storm Str.
12", 485.79

+30.0 Str. No. 18
+38.1 Ex. Storm Str.
+13.0 Str. No.22
+50.3 Str. No. 27
+40.0 Str. No. 30
+54.0 Str. No. 35
+24.7 Str. No. 37
+27.7 Str. No. 38
+00.0 Str. No. 41
+25.0 Str. No. 42

+4.92%
5.56%
+3.40%
+4.08%

78 ft 30 in Pipe Req'd. Lt. @ 0.41%
105 ft 18 in Pipe Req'd. Lt. @ 2.96%
121 ft 18 in Pipe Req'd. Lt. @ 2.15%
68 ft 15 in Pipe Req'd. Lt. @ 3.62%
168 ft 15 in Pipe Req'd. Lt. @ 3.93%
120 ft 12 in Pipe Req'd. Lt. @ 3.83%
12 in Pipe Req'd. Lt.

Inv. El. 480.32
Inv. El. 478.58
Inv. El. 479.85
Inv. El. 478.90
Inv. El. 479.00
Inv. El. 478.53
12", 486.69
8 in. San. Lt.
8 in., 474.91
8 in., 476.22
Inv. El. 482.98
Inv. El. 482.86
Inv. El. 481.61
Inv. El. 487.05
Inv. El. 487.61
Inv. El. 486.09
Inv. El. 491.20
Inv. El. 489.76
Inv. El. 489.50
8 in., 485.86
Inv. El. 499.00
Inv. El. 496.60
Inv. El. 496.35
Inv. El. 502.50
Inv. El. 501.35
Inv. El. 501.21

488.9	486.8	485.4	484.7	485.1	486.4	487.6	489.0	490.4	491.8	493.8	496.1	498.4	500.7	502.8	504.6	506.2	507.6	508.9
490.24	487.79	485.99	484.85	484.36	484.53	485.35	486.83	488.96	491.30	493.67	495.84	497.83	499.62	501.38	503.27	505.27	507.24	508.88

6+00 7+00 8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00

540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455 450 445 440

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MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM DRAWN: MAB
CHECKED: AJS CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 6+00 TO STA. 15+00 "PR–A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	40 of 146
CONTRACT	PROJECT NO.
R–33319	0710808

15

+07.4,48.1' Grave Headstone
+11.2,91.1' Wooden Post
+14.4,56.4' Wooden Post, 2.5' Above Ground
+33.8,86.1' Shrub
+35.0,96.1' Wooden Post
+35.0,57.5' Grave Headstone
+43.0,60.8' Wooden Post
+44.7,76.9' Grave Headstone
+54.8,63.8' 50" Sugar Maple
+58.1,44.9' Grave Headstone
+61.4,18.1 Sign, Pedestrain Crossing
+90.7,21.8' 12"" Rcp
+16.7,21.7' 12"" Rcp
+18.7,19.3 Sign, Do Not Block The Drive
+53.7,48.8' Grave Headstone
+63.1,47.3' Grave Headstone
+85.3,50.4' Bush
+89.1,54.1' Cedar
+67.9,95.8' Cedar
+98.8,47.1' Grave Headstone
+09.0,9.4' Found Monument, Rdg
+09.9,48.7' Grave Headstone
+14.5,67.5' Cedar
+20.1,52.9' Grave Headstone
+21.2,76.2' Pwp.
+31.2,57.6' Grave Headstone
+38.6,26.1' Sign, Hidden Entrance
+42.9,18.9 Sign, Slow, Children
+43.8,36.5' Grave Headstone
+52.0,44.5' Grave Headstone
+63.9,39.4' Grave Headstone
+83.1,48.6' Grave Headstone
+90.8,21' San. MH
+93.6,40.9' Grave Headstone
+02.5,68' Cedar
+02.8,34.1' Grave Headstone
+17.8,41' Grave Headstone
+31.6,40.4' Grave Headstone
+37.8,33.1' R/W Marker
+43.9,41.4' Conc. Mon. With Post
+45.2,78.4' Grave Headstone
+98.1,41.5' Pwp.
+21.4,58.4' Guy Anchor
+26.7,60.2' Guy Anchor
+31.8,64.6' Pwp.
+52.2,4.1' Found Monument Rdg
+78.6,39' Water Meter

20

+06.9,38.7' 15"Rcp
+12.7,29' For Ids Sign Post
+12.7,26.6' Speed Lmt. Sign 30 Mph
+46.5,43.3' Metal Post
+49.5,52.2' Guy Anchor
+51.7,51.9' Guy Anchor
+47.6,0' Gas Volve
+93.9,39.5' Guy Anchor
+93.9,42.7' Guy Anchor
+94.7,32.1' Pwp.
+05.5,11.5' San. MH
+75.1,38.8' Pwp.

SURVEY NO. 62 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

CURVE DATA
PI = 21+55.37 "PR-A"
Δ = 12° 54' 49.20" (RT)
R = 940.00'
T = 106.38'
L = 211.86'
E = 6.00'
S.E. = NC

CURVE DATA
PI = 21+08.10 "A"
Δ = 17° 13' 27.91" (RT)
R = 950.00'
T = 143.88'
L = 285.59'
E = 10.83'
S.E. = NC

CITY OF NEW ALBANY

SLATE RUN

MOUNT TABOR PRESBYTERIAN CHURCH (TRUSTEES)

+04 LT. Cl. III Drive Req'd.
W=12.7', L=20'

PT Sta. 19+16.15 "A"

POC Sta. 18+74.03 "A" =
PT Sta. 18+74.03 "PR-A"

+18.0 **STR NO. 54**
Inlet Type B-15 &
20 ft of 12-in. Pipe Req'd.

9 Tons Revetment Riprap &
20 Sys. Geotextile Req'd.

+20.0 **STR NO. 53**
Manhole Type C4 &
10 ft of 18-in. Pipe Req'd.

+17.4 **STR NO. 55**
Inlet Type C-15 &
11 ft of 12-in. Pipe Req'd.

PI Sta. 21+55.37 "PR-A"

EQUATION:
POT Sta. 1+00.00 "S-2-A" =
POC Sta. 21+79.78 "PR-A"

+05.0 **STR NO. 59**
Exist. Force Main Manhole
Adjust to Grade
CNTRL PT # 28

+53.4 **STR NO. 61**
18" Pipe Catch Basin &
45 ft of 12-in. Pipe Req'd.

PT Sta. 22+49.81 "A"

PT Sta. 22+60.85 "PR-A"

Perpetual Drainage Easement

Drilled Shaft Retaining Wall

+50.0 **STR NO. 48A**
Manhole Type C4 &
195 ft of 12-in. Pipe Req'd.

+50.0 **STR NO. 50**
Manhole Type C4 &
67 ft of 12-in. Pipe Req'd.

+35.0 **STR NO. 45**
18" Pipe Catch Basin &
3 ft of 12-in. Pipe Req'd.

+52.2 **STR NO. 51**
Inlet Type C-15 &
11 ft of 12-in. Pipe Req'd.

PC Sta. 20+48.99 "PR-A"

PC Sta. 19+64.22 "A"

PC Sta. 15+66.40 "PR-A"
PC Sta. 15+66.40 "A"

+35.0 **STR NO. 46**
Manhole Type C4 &
202 ft of 12-in. Pipe Req'd.

+50.0 **STR NO. 48**
Inlet Type C-15 &
6 ft of 12-in. Pipe Req'd.

+90.8 **STR NO. 47**
Exist. San. Manhole
No Change Req'd

MATCH LINE STA. 15+00 "PR-A"

MT. TABOR ROAD

Line "PR-A"

Line "A"

N67°15'56.69"E

N72°24'01.76"E

N85°18'50.94"E

Line "PR-A"

Line "A"

MATCH LINE STA. 24+00 "PR-A"

+00.0 **STR NO. 62**
Inlet Type C-15 &
130 ft of 12-in.
Pipe Req'd.

55' R/W

30' R/W

40' R/W

Const. Limits

Temp. R/W for Grading

Temp. R/W for Drive Const. & Yard Grading

Temp. R/W for Drive Const.

Remove G.R. Const. Limits

Remove Landscape Wall

Do Not Disturb Bush & Pavers

Do Not Disturb Light Pole & Plants

+48 RT. Cl. III Drive Req'd.
W=24.1', L=20'

PI Sta. 17+49.82 "A"

+50.0 **STR NO. 49**
Inlet Type B-15 &
20 ft of 12-in. Pipe Req'd.

PI Sta. 17+25.96 "PR-A"

+01 RT. Mod. Cl. III Drive Req'd.
W=12', L=20'

+13 RT. Mod. Cl. III
Drive Req'd.
W=10.3', L=23.6'

+52.4 **STR NO. 52**
Inlet Type B-15 &
19 ft of 12-in. Pipe Req'd.

+75 RT. "S-2-A"
Mod. Cl. I Drive Req'd.
W=18.0', L=24.5'

+66 RT. Mod. Cl. I Drive Req'd
W=16.0', L=20.0'

+00 "S-2-A"
50
Temp. R/W for
Drive Const.

+75 "S-2-A"
40'

+00 "S-2-A"
35

+95 "S-2-A"
35'

+95 "S-2-A"
45'

+60 "S-2-A"
40'

+65 "S-2-A"
40'

+70 "S-2-A"
45'

+65 "S-2-A"
35'

+75
"S-2-A"
40'

+10
30'

+14
35'

+40
45'

+74.8

+34.6
79.6

+96.2
45.0

+60.0
79.5

+62.6
117.4

NEW ALBANY SCHOOL TOWNSHIP

1 Story Frame Garage

1 Story Stone Commercial

2 Story Stone/Frame Residential

2 Story Brick/Frame Residential

1 Story Brick Residential

CYNTHIA WATTERS & NATHAN WATTERS
LOT 6

BADEA SHEAROUSE
LOT 5

JANICE E. GOODMAN
LOT 4

SHERRI A. LAYMAN
LOT 3

LOT 9

LOT 10

W. OAKWOOD DRIVE

Line "S-2-A"
S06°01'43.99"E

POT Sta. 2+50.00 "S-2-A"

OAKWOOD SUBDIVISION
SECTION 1

OAKWOOD SUBDIVISION
SECTION 1

MOUNT TABOR
PRESBYTERIAN CHURCH
(TRUSTEES)

5' D.&U.E.

FOR DRILLED SHAFT RETAINING WALL
DETAILS SEE SHEET Nos. 72-77

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED
FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

CURVE DATA
PI = 17+25.96 "PR-A"
Δ = 37° 30' 07.73" (LT)
R = 470.00'
T = 159.55'
L = 307.63'
E = 26.34'
S.E. = NC

CURVE DATA
PI = 17+49.82 "A"
Δ = 42° 38' 12.80" (LT)
R = 470.00'
T = 183.42'
L = 349.75'
E = 34.52'
S.E. = NC

+57.2,97.6' Pwp.
+45.9,38' Oak
+56.1,40.1' Maple
+60.0,42.4' Cedar
+79.6,38' Maple
+91.1,41.2' Maple
+89.1,38.3' Maple
+95.9,37.9' Oak
+97.5,21.4' Water Meter
+00.4,21.8' Lwn Spklr V.
+16.2,31.6' Fhyd.
+22.1,32.2' Maple
+21.3,57.9' Guy Anchor
+21.7,21.6' Gas Volve
+21.9,18.3' Light Std.
+01.0,73.5' Maple
+58.8,41' Water MH
+59.4,39.5' Water Volve Post Indicator Volve
+77.2,19.2' Speed Lmt. Sign 30 Mph
+52.9,72.7' Maple
+74.5,17.1' Water Volve
+83.6,13.2' Hdwl.
+85.5,15.1' 10" Rcp
+97.8,17.7' Hdwl.
+98.5,15.9' Mailbox
+18.8,20' Water Meter
+21.8,61.4' Ash
+58.7,18.8' Found Monument, Rebar
+60.6,29.1' Maple
+61.6,29.4' Guy Anchor
+33.6,3.3' Wooden Post
+43.5,41.1' Guy Anchor
+45.0,27.7' Wooden Post
+50.2,25.6' Wooden Post
+72.0,11.1' Wooden Post
+77.4,11.8' Wooden Post
+82.9,12.3' Wooden Post
+88.4,12.6' Wooden Post
+93.4,13.6' Wooden Post
+98.9,13.6' Wooden Post
+04.2,14.2' Wooden Post
+15.8,15.1' Wooden Post
+21.3,41.9' Maple
+43.5,83.8' Mailbox 3511
+74.8,68.1' Bush
+03.7,87.8' Mailbox Paperbox
+03.7,88.5' Mailbox 930
+05.4,33.3' Water Meter
+12.2,46.2' Water Volve
+13.9,43.9' Fhyd.
+13.9,43.9' Shrub
+14.5,87.7' Pvt. Lamp Post
+15.9,41.6' Shrub
+22.5,41.2' Shrub
+22.5,41.2' Maple
+07.1,18' Found Monument, Rebar
+19.2,53.3' Holly
+31.3,39.5' Willow
+38.1,14.4' Water Meter
+54.4,14.1' Pvt. Lamp Post
+77.6,12.2' Mailbox 930
+78.2,11.3' Mailbox Paperbox
+79.1,48.3' Holly
+79.0,45.5' Gas Volve
+86.8,16.2' Found Monument, Rebar
+93.2,33.3' Shrub
+99.9,69.2' Maple

N. 122461.3734 E. 637771.8285
MAG NAIL IN POWER POLE
SIGN "SLOW CAUTION"
LIGHT POLE
SIGN "SPEED LIMIT"
49.26'
52.93'
108.50'
136.62'
CNTRL PT #24 – REBAR

N. 122615.6400 E. 638190.1298
MAG NAIL IN POWER POLE
17.11'
18.20'
STORM SEWER MANHOLE
FIRE HYDRANT
79.76'
73.79'
HOUSE #3512
CNTRL PT #28 – REBAR

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM
DRAWN: JJP/MAB
CHECKED: AJS
CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 15+00 TO 24+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	41 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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TBM#4 – BARN SPIKE SET IN PP ON S.SIDE MT. TABOR RD.
AT W. SIDE OF ENTRANCE TO MT. TABOR PRESBYTERIAN CHURCH. ELEV. 513.29
STA. 17+21.91, OFFSET 17.67' Rt "PR–A"

P.V.I. 16+20
El. 514.24
400' V.C.

P.V.I. 21+00
El. 505.60
100' V.C.

P.V.I. 22+80
El. 506.18
200' V.C.

+4.08%
-1.80%
+35.0 Str. No. 46
+30.8 Str. No. 47
+50.0 Str. No. 48A
+50.0 Str. No. 50
+20.0 Str. No. 53
+65.0 Str. No. 59
+53.4 Str. No. 61
+00.0 Str. No. 62
-1.80%
+0.32%
-6.64%
Proposed Profile Line "PR–A"
Existing Profile Line "PR–A"
Inv. El. 508.11
Inv. El. 507.87
202 ft 12 in Pipe Req'd. Lt. @ 3.22%
Inv. El. 506.45
Inv. El. 506.45
195 ft 12 in Pipe Req'd. Lt. @ 1.85%
+96 504.09 Exist. 15"
+07 501.68 Exist. 15"
Inv. El. 502.84
Inv. El. 502.84
Inv. El. 501.00
67 ft 12 in Pipe Req'd. Lt. @ 1.49%
Inv. El. 500.00
Inv. El. 498.10
Inv. El. 498.20
16" FM @ +3.0%
FM Continues Down West Oakwood Dr.
Inv. El. 497.00
45 ft 12 in Pipe Req'd. Rt. @ 5.10%
Inv. El. 494.70
16" FM @ -4.0%
Unknown Outlet

15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00
508.9 508.88	510.0 510.14	510.9 511.05	511.6 511.58	511.8 511.74	511.5 511.54	510.9 510.97	509.9 510.10	508.8 509.20	507.6 508.30	506.4 507.40	505.4 506.50	504.4 505.87	503.8 505.76	503.1 505.85	502.3 505.23	500.5 503.74	498.5 501.37	496.5 498.23

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 15+00 TO STA. 24+00 "PR–A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	42 of 146
CONTRACT	PROJECT NO.
R–33319	0710808

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25

30

+49.3,41.5' Pwp.
+51.2,54.9' Guy Anchor
+91.6,37.2' Sign Curve Left R
+28.6,6.4' San. MH
+30.2, 34.9' Guardrail Left
+59.9,46.7' Gabion Wall Left
+59,9,46.7' Gabion Wall Left
+22.3,40.2' Pwp.
+25.8,40.2' Guardrail Left
+08.6, 51' Guardrail Left
+262.5,49.5' Guy Anchor
+08.6,42.8' 24" Cmp
+59.7,35.2' Pwp.
+69.9,32.5' Ash" G4
+95.1,84.3' Sycamore
+00.5,39.4' Found Monument, Ip
+22.7,33.7' Ash
+29.9,38.5' Water Meter
+34.5,7.4' Water Valve
+39.0,98.7' Pine
+67.1,38.4' Stump 12"
+72.9,37.9' Shrub
+74.8,64.1' Catch Basin
+78.1,37.3' Stump 14"
+07.6,98.4' Cistern
+95.5,8.4' San. MH
+98.5,37' Pine
+07.6,96.8' Catch Basin
+16.4,49.7' Pvt. Lamp Post
+32.5,31.4' Guy Anchor
+34.3,26.9' Mailbox 1013
+35.0,29.2' Found Monument, Ip
+39.1,91.3' Cedar" G3
+40.8,4.7' Found Monument Reading
Pt. No. 3692 +47.5,24.3 Right Curve
+69.3,95.2' Holly
+74.1,72.2' Magnolia
+91.0,66.7' Apple
+95.5,47.4' Shrub
+97.5,52.6' Maple

App. ℄

SURVEY NO. 62 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

CURVE DATA
PI = 27+81.81 "A"
Δ = 28° 41' 28.68" (LT)
R = 675.00'
T = 172.63'
L = 338.01'
E = 21.72'
S.E. = NC

CURVE DATA
PI = 27+92.30 "PR-A"
Δ = 31° 38' 05.77" (LT)
R = 690.00'
T = 195.48'
L = 380.97'
E = 27.16'
S.E. = NC

CITY OF NEW ALBANY

MARK A. SIGWALT

JACK M. GABLE &
DOROTHY M. GABLE

+35.0 **STR NO. 64**
Inlet Type C-15 &
27 ft of 12-in. Pipe Req'd.

+35.0 **STR NO. 65**
Inlet Type C-15 &
19 ft of 12-in. Pipe Req'd.
& 20 ft of Slotted Drain

4 Tons Revetment Riprap &
11 Sys. Geotextile Req'd.

PC Sta. 25+96.82 "PR-A"

PC Sta. 26+09.18 "A"

4 Tons Revetment Riprap &
11 Sys. Geotextile Req'd.

4 Tons Revetment Riprap &
11 Sys. Geotextile Req'd.

PT Sta. 29+77.79 "PR-A"

PT Sta. 29+47.19 "A"

65 Tons Class 1 Riprap &
82 Sys. Geotextile Req'd.

+27.7 **STR NO. 72**
Manhole Type C4 &
13 ft of 15-in. Pipe Req'd.

+21 LT. Cl. I Drive Req'd.
W=13.7', L=30.0'

+34.0 **STR NO. 73**
Inlet Type C-15 &
15 ft of 15-in. Pipe Req'd.

+65.0 **STR NO. 76**
Inlet Type B-15 &
26 ft of 12-in. Pipe Req'd.
+46 LT. Mod Cl. I Drive Req'd.
W=18.6', L=30.0'

+00.0 **STR NO. 69**
Inlet Type C-15 &
24 ft of 12-in. Pipe Req'd.

Perpetual Drainage Easement

Exist. Gabion Wall
Remain in Place

Drilled Shaft
Retaining Wall

Remove G.R.

Perpetual
Drainage
Easement

Drilled Shaft
Retaining Wall

Const. Limits

Remove G.R.

45' R/W

40' R/W

70' R/W

30' R/W

Temp. R/W for
Drive Const.

Temp. R/W for
Drive Const.

Const. Limits

MATCH LINE STA. 24+00 "PR-A"

MATCH LINE STA. 33+00 "PR-A"

Line "A"

Line "PR-A"

N85°18'50.94"E

N53°40'45.18"E

App. ℄ & Exist R/W

MT. TABOR ROAD

E. OAKWOOD DRIVE

SLATE RUN

T.B.M.# 3

T.B.M.# 2

CNTRL PT # 35

PI Sta. 27+92.30 "PR-A"

PI Sta. 27+81.81 "A"

+00.0 **STR NO. 62**
Inlet Type C-15 &
130 ft of 12-in. Pipe Req'd.

+42 RT. Mod.
Cl. I Drive Req'd.
W=8.8', L=20'

+78 RT. Mod. Street Appr. Req'd.
W=18.3', L=44.2'

+06 RT. Mod. Street Appr. Req'd.
W=18.7', L=44.2'

+54 RT. Mod. Cl. I Drive Req'd.
W=10.3', L=20.2'

+75.0 **STR NO. 67**
Inlet Type B-15 &
50 ft of 12-in. Pipe Req'd.

+00.0 **STR NO. 70**
Inlet Type C-15 &
20 ft of 12-in. Pipe Req'd.

+33.0 **STR NO. 71**
Inlet Type B-15 &
29 ft of 12-in. Pipe Req'd.

+34.0 **STR NO. 74**
Inlet Type C-15 &
20 ft of 15-in. Pipe &
20 ft of Slotted Drain Req'd.

+60.0 **STR NO. 75**
Inlet Type C-15 &
21 ft of 15-in. Pipe &
10 ft of Slotted Drain Req'd.

+62 RT. Mod. Cl. I
Drive Req'd.
W=38.1', L=31.5'

Do Not Distrub
Brick Pillar

Remove Exist. Brick Pillar

+84.5 **STR NO. 77**
Exist. Storm Manhole
Adjust Casting to Grade

+80.0 **STR NO. 78**
Inlet Type B-15 &
115 ft of 12-in. Pipe Req'd.

+95.5 **STR NO. 79**
Exist. San. Manhole
Adjust to Grade

+08.0 RT. Cl. I Drive Req'd.
W=10.5', L=28.6'

Temp. R/W for
Drive Const.

Temp. R/W for
Yard Grading

Temp. R/W for
Yard Grading

Landscape Wall
to Remain

Const. Limits

Const. Limits

Const. Limits

MELVIN F. CARDONA &
DEISY S. BLANCO
LOT 2

DOUGLAS S. YOCKEY &
NANCY S. YOCKEY
LOT 1

LOT 11

LOT 12

LOT 14

OAKWOOD SUBDIVISION
SECTION 1

AYMIE MULLINS &
WILLIAM SPAULDING
LOT 13

STEVEN
MENNEMEYER
ET UX.

DOUGLAS P. JULIUS &
KAREN M. JULIUS

LEWIS A. ENDRES &
DEBORAH S. ENDRES

1 Story
Stone
w/Basement
Residential

2 Story
Brick/Frame
Residential

Tri-Level
Brick/Frame
Residential

1 Story
Frame
Garage

2 Story
Brick/Frame
Residential

S. D.&U.E.

10' D.&U.E.

STORM DRAIN EASEMENT

FOR DRILLED SHAFT RETAINING WALL
DETAILS SEE SHEET Nos. 72-77

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED
FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

+04.2,58.4' Hackberry
+34.0,14.3' Pvt. Lamp Post
+49.2,11.7' Mailbox 332
+50.4,11.1' Mailbox
+55.7,10.9' Mailbox
+55.7,32.7' Shrub
+89.5,43.9' Air Conditioner
+97.8,43.6' Gas Meter
+12.8,7.6' Water Meter
+43.7,10.3' Sign Left Curve
+50.0,8.9' Lamp Post
+66.0,87.7' Mailbox 3507
+67.0,25' Catch Basin
+70.1,11' Gas Valve
+80.4,44.5' Bush
+96.6,45.9' Bush
+99.1,41.4' Bush
+94.1,97.9' Rebbud
+18.3,32' Water Valve
+18.7,43.1' Post
+21.0,24.6' MT-4 Sr11
+21.1,19.6' Water Meter
+26.6,8.2' Fire Hydrant
+43.1,7.8' Water Valve
+50.6,50.2' Catch Basin
+54.2,50.2' Canopy
+54.5,75.9' Shrub
+62.9,9.1' Pvt. Lamp Post
+87.8,46.4' Canopy
+89.2,44.1' Canopy
+01.8,4.8' Speed Lmt. Sign 30
+11.8,5.8' Hdwl.
+15.2,5.8' Hdwl.
+16.0,2.1' Hdwl.
+32.8,14.1' Gas Meter
+42.1,39.2' Guy Anchor
+43.5,34.9' Guy Anchor
+44.3,15.7' Pwp.
+63.6,43.9' Pine
+68.8,68.3' Hickory
+71.8,39.4' Pine
+82.4,42.5' Maple
+88.2,41.2' Maple
+89.2,41.1' Maple
+93.5,75.6' Maple
+02.0,26.5' Maple
+02.7,80.0' Maple
+48.4,81' Oak
+99.8,27.7' Maple
+03.5,37.6' Bush
+12.7,34.5' Bush
+25.0,27.3' Bush
+29.3,23.1' Bush
+34.3,18.8' Bush
+39.0,4.1' 12" Rcp
+80.3,6.6' Block Pillar
+68.8,94.2' Chery
+88.0,74.6' Brick Pillar Is Broke Off
+00.1,55.3' Hdwl.
+00.4,55.1' Hdwl.
+02.5,55.1' Hdwl.
+03.8,6.3' 24" Cmp
+16.5,75.8' Maple
+31.4,45.2' Maple
+43.2,19.1' Water Meter
+44.9,37.3' Maple
+67.8,52.1' Cherry
+77.0,94.5' Magnolia
+84.2,76.6' Pine
+86.2,50.6' Oak
+19.5,25.8' Water Meter
+47.4,55.7' Maple
+81.0,72.6' Pine
+83.3,72.4' Mailbox 1014
+00.3,14.4' 12" Rcp
+35.5,29.4' Found Monument, Pin
+37.1,11.4 MT-4 W3-1
+48.0,94.8' Ash
+58.6,41.9' Persimmon
+88.3,34.4' Pine
+99.1,51.6' Maple" G10

N. 122668.1847 E. 638782.0441
MAG NAIL IN POWER POLE
MAG NAIL IN POWER POLE
122.38'
73.94'
64.21'
33.80'
WOVEN WIRE FENCE
CNTRL PT #35 – REBAR

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

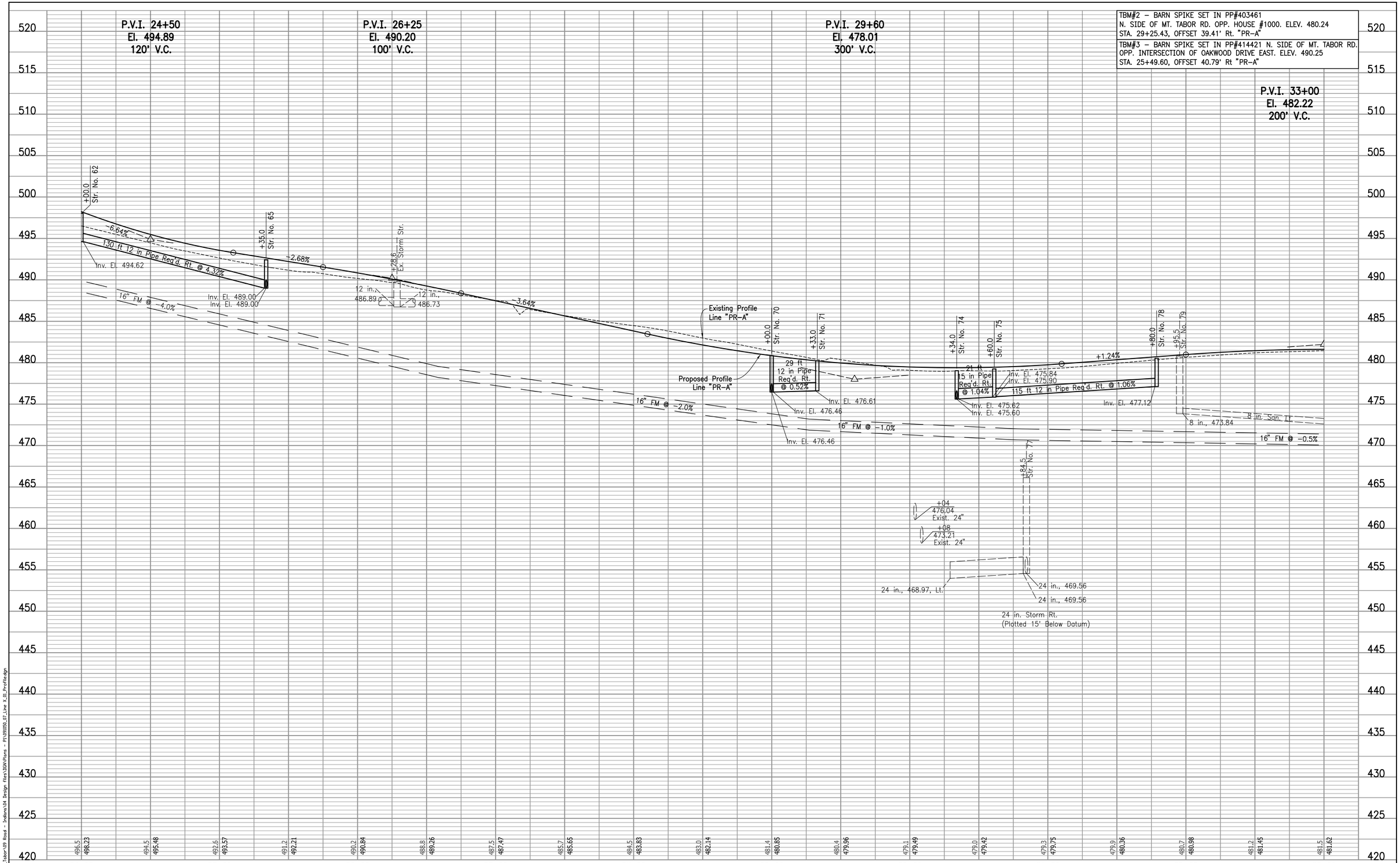
PLAN
STA. 24+00 TO 33+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	43 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 5:51:19 PM | P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\3GN\Plans - P1\091050_07_Line X_01_Plan.dgn

TBM#2 – BARN SPIKE SET IN PP#403461
N. SIDE OF MT. TABOR RD. OPP. HOUSE #1000. ELEV. 480.24
STA. 29+25.43, OFFSET 39.41' Rt. "PR–A"

TBM#3 – BARN SPIKE SET IN PP#414421 N. SIDE OF MT. TABOR RD.
OPP. INTERSECTION OF OAKWOOD DRIVE EAST. ELEV. 490.25
STA. 25+49.60, OFFSET 40.79' Rt "PR–A"



MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 24+00 TO STA. 33+00 "PR–A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	44 of 146
CONTRACT	PROJECT NO.
R–33319	0710808

10/30/2017 | 5:51:21 PM | P:\091650_Mt_Tabor\09 Road - Indiana\04 Design Files\3DA\Plans - P\1091650_07_Line X_01_Profile.dgn

+29.0,23.9' Paperbox Post
+29.2,24' Mailbox 1017
+29.8,23.4' Mailbox 1022
+29.7,23.8' Elm
+46.2,23.6' Shrub
+46.5,56.5' Shrub
+46.5,56.4' Ground Light
+50.5,56.5' Shrub
+53.9,34.2' Cedar
+57.3,33.1' Shrub
+61.5,34.2' Shrub
+62.7,55.4' Ground Light
+82.0,33.1' Pine
+83.4,32.5' Pine
+92.1,32.6' Pine
+04.1,31.9' Cedar
+09.7,33.2' Cedar
+12.2,32.5' Cedar
+19.8,32.1' Cedar
+28.6,33.1' Rcp
+35.3,54.9' Japanese Maple
+53.9,91.1' Maple
+82.3,47' Oak
+82.3,20.3' Sign, Sr 21
35
+40.2,23.4' 10" Rcp
+49.9,86.1' Maple
Pt. No. 4039 +59.6,132.7
+03.8,59.5' Maple
+15.5,22.9' Pwp.
+31.4,23.7' Guy Anchor
+35.2,24.3' Guy Anchor
+37.6,23.5' Guy Anchor
+50.4,27.1' Sign
+55.7,33.2' Hdwl.
+57.0,14.1' Gas Valve
+58.0,35.5' Catch Basin
+61.6,19.4' Water Valve
+63.6,13.2' Gas Valve
+64.0,43.4' Sign
+64.8,43.3' Hdwl.
+66.2,36.7' Hdwl.
+65.2,64.2' Catch Basin
+72.4,1.1' Sanitary Sewer Manhole
+77.1,0' Monument
+91.6,31.5' Pwp.
+01.1,35.7' Cedar
+04.9,22.3' Cedar
+06.7,16.3' Utility Pole
+07.1,16.0' Street Light Pole
+09.8,15.4' Guy Anchor
+09.8,15.4' Stop Sign
+11.2,16.5' Guy Anchor
+14.6,16.5' Guy Anchor
+16.0,23.1' Cedar
+26.4,15.9' Pwp.
+26.8,15.8' Pwp.
+26.9,53.5' Open Out Walnut
+27.0,31.1' Walnut
+55.3,45' Clean Out 6"
+56.0,17.1' Water Meter
+56.1,31.9' Walnut
+63.4,31.9' Walnut
+93.6,14' Mailbox 2763
+01.5,23.8' Holly
+31.2,51.9' Spruce
+64.3,40.9' Elm
+65.3,68.6' Bush
+66.9,86.8' Bush
+69.3,68.9' Elm
+88.6,57.3' San. MH
+90.5,21.6' Maple
+08.0,17' Pine
+21.6,48.9' Hemlock
+26.9,80.8' Pine
+35.7,28.5' Maple
+38.3,20.7' Pine
+42.6,17.7' Stump 18"
+54.5,73.7' Beech
+60.1,17.2' Pine
+72.1,61.6' Beech
+88.3,17.8' Pine
+97.1,11.8' Hdwl.
+98.4,40.5' Maple
+98.0,72.8' Wooden Post
+09.5,17.6' Pine
+18.4,91' Wooden Post
+24.0,19.1' Pine
+36.2,19.1' Pine
+52.6,18.8' Stump 12"
+57.9,18.4' Maple
+67.2,13.5' Sign, Stop Ahead
+71.2,20' Pine
+03.5,19.4' Pine
+17.4,18.3' Pine
+45.8,18.5' Pine
+58.7,17.5' Pine
+61.7,17' Low Wire
+72.8,18.1' Pine
+78.2,43.7' Sycamore
+85.9,17.3' Pine
+99.2,13.8' Tlp.
+99.2,13.3' Low Wire
+99.1,13.3' Low Wire
40

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

CURVE DATA
PI = 33+70.56 "PR-A"
Δ = 4° 59' 56.25" (RT)
R = 1,500.00'
T = 65.48'
L = 130.87'
E = 1.43'
S.E. = NC

JACK M. GABLE & DOROTHY M. GABLE

SCOTT W. WHALEN & CARRIE G. WHALEN

THE PATRICK CASSIN BURKE TRUST

KELLY ELIZABETH FEIOCK

DENNIS E. FEIOCK & BONNYE R. FEIOCK

LEWIS A. ENDRES & DEBORAH S. ENDRES

JANET L. APPLEGATE

BONNIE J. LIPS & HARVEY C. LIPS

CHARLES R. RUSH PARCEL I

CHARLES R. RUSH PARCEL II

ALEXANDER W. DAUGHERTY

ROBERT C. COBB & RUTHANN COBB

ROBERT F. BRADFORD PLAT OF THE LAND OF MARION F. SCHICK

PC Sta. 33+05.08 "PR-A"

EQUATION:
PT Sta 34+35.96 "PR-A" BK =
POT Sta 34+30.69 "PR-A" AH =
POT Sta 34+30.69 "A"

PI Sta. 33+70.56 "PR-A"
PI Sta. 33+65.21 "A"

EQUATION:
P.I. Sta. 36+77.07 "A" =
P.I. Sta. 36+77.07 "PR-A" =
P.I. Sta. 3+00.00 "S-1-A"

MATCH LINE STA. 33+00 "PR-A"

MATCH LINE STA. 42+00 "PR-A"

STR NO. 97 See Line "PR-S-1-A"

STR NO. 97A See Line "PR-S-1-A"

+30 STR NO. 83A
Manhole Type J4 & 34 ft of 18-in. Pipe Req'd.

+83 STR NO. 83
Mod. Manhole Type J-15 & 45 ft of 12-in. Pipe Req'd.

STR NO. 98 See Line "PR-S-1-A"

STR NO. 99 See Line "PR-S-1-A"

+20 "PR-S-1-A" 35'

+75 STR NO. 111A
Manhole Type C4 & 160 ft of 18-in. Pipe Req'd.

+75.0 STR NO. 111
Inlet Type C-15 & 3 ft of 18-in. Pipe Req'd.

+10.0 STR NO. 108A
Manhole Type C4 & 82 ft of 18-in. Pipe Req'd.

+10.0 STR NO. 108
Inlet Type C-15 & 3 ft of 15-in. Pipe Req'd.

+88.6 STR NO. 110
Exist. San. Manhole Adjust to Grade

+23.0 STR NO. 107
Manhole Type C4 & 36 ft of 24-in. Pipe Req'd.

+80 LT. Cl. I Drive Req'd.
W=17', L=25.0'

+30.0 STR NO. 81
Inlet Type B-15 & 48 ft of 12-in. Pipe Req'd.

+52 LT. Mod. Cl. I Drive Req'd.
W=15.4', L=29.7'

+52 LT. Mod. Cl. I Drive Req'd.
W=10.5', L=45.6'
Temp. R/W for Drive Const.

+18 LT. Mod. Cl. I Drive Req'd.
W=18.3', L=51.4'

+37 LT. Mod. Cl. I Drive Req'd.
W=9.2', L=46.5'

Temp. R/W for Drive Const. & Grading

+20 "PR-S-1-A" 30'

+20 "PR-S-1-A" 35'

+00 40'

+30 STR NO. 80
Inlet Type B-15 & 48 ft of 12-in. Pipe Req'd.

+57 "PR-S-1-A" R/W

+83.2 STR NO. 82
Inlet Type C-15 & 31 ft of 12-in. Pipe Req'd.

STR NO. 95A See Line "PR-S-1-A"

STR NO. 95 See Line "PR-S-1-A"

+00 "PR-S-1-A" 30'

STR NO. 91 See Line "PR-S-1-A"

Temp. R/W for Grading

STR NO. 88 See Line "PR-S-1-A"

+72.4 STR NO. 96
Exist. San. Manhole Adjust to Grade

+15 "PR-S-1-A" 22'

POT Sta. 36+68.00 "PR-A" =
PI Sta. 15+68.21 "PR-S-1-A"

STR NO. 92 See Line "PR-S-1-A"

Temp. R/W for Drive Const.

+63 RT. Mod Cl. I Drive Req'd.
W=27.9', L=19.5'

+10.0 STR NO. 109
Inlet Type B-15 & 30 ft of 12-in. Pipe Req'd.

+75.0 STR NO. 112
Inlet Type C-15 & 23 ft of 18-in. Pipe Req'd.

+06.5 STR NO. 113
Inlet Type E-7 & 36 ft of 18-in. Pipe Req'd.

+09 RT. Cl. I Drive Req'd.
W=14.9', L=22'

+51 RT. Cl. I Drive Req'd.
W=19.5', L=20'

+34 RT. Cl. I Drive Req'd.
W=11.7', L=25'

INCIDENTAL CONSTRUCTION +70 +95

Const. Limits

Line "A" / Line "PR-A"

MT. TABOR ROAD

N58°40'41.43"E

N61°24'35.24"E

16" FORCE MAIN

8" VCP

KLERNER LANE

TEMP. R/W

30' R/W

35' R/W

40' R/W

22' R/W

20' ROADWAY ESMT.

20' GAS LINE ESMT.

20' W.L. ESMT.

Pond

1 Story Brick/Frame w/Basement Residential

1 Story Brick/Frame Residential

1 Story Block/Frame Barn

1 Story Frame 84.6 Residential

1 Story Brick Residential

1-1/2 Story Brick/Frame Residential

1 Sty Garage

CARPORT

Cont. Walk

Asphalt Drive

Stone Drive

Grass

Pipe Direction

END PROJECT 0710808
STATION: 40+70.00 "PR-A"
N.: 123336.0525
E.: 639858.0357

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

+03.2,37.6' Maple
+23.3,76.2' Pwp.
+27.8,71.2' Guy Anchor
+31.2,84.3' Guy Anchor
+63.1,46.3' Holly
+83.8,76.3' Volleyball Post
+23.1,48.2' Stump 15"
+27.0,47.8' Stump 15"
+40.1,48' Pine
+34.3,48.4' Cherry" G3
+48.5,48.8' Pine
+61.8,48.1' Cherry" G6
+76.3,49.7' Pine
+90.2,61.7' Cedar
+99.1,73.6' Cherry
+04.0,61.4' Pine
+10.1,71.6' Stump 14"
+10.0,58.1' Stump 12"
+20.6,67.6' Pine
+26.3,78.2' Pine
+30.3,42.8' Flood Lamp
+36.5,41.8' Guy Anchor
+37.9,42.2' Guy Anchor
+39.1,41.8' Traffic Signal Pole
+48.3,43.4' Hdwl.
+48.8,43.4' Hdwl.
+48.8,42.6' Rcp
+53.6,42.9' Pwp.
+69.7,8.1' 4 Way Signal Flashing Light
+74.2,2' Found Monument Rag
+80.9,1.1' 4 Way Signal Flashing Light
+89.8,36.6' Traffic Signal Pole
+89.8,36.6' Sign, Sr 11
+91.6,35.1' Catch Basin
+94.8,10.3' Street Sign
+94.8,10.3' Water Valve
+16.6,59' Holly
+18.1,21.8' Crabapple
+20.1,31.7' Crabapple
+21.3,35.5' Mulberry
+22.5,36.5' Mulberry
+26.2,24.2' Pvt. Lamp Post
+26.6,13.2' Crabapple
+28.6,13.4' Crabapple
+29.1,19.3' Crabapple
+29.7,13.9' Crabapple
+30.9,14.2' Crabapple
+11.2,15' Found Monument, Rebar
+34.5,12.1' Mailbox 2766
+68.2,58.3' Maple
+75.5,35.7' Water Meter
+78.6,59.7' Holly
+86.8,23.1' Clean Out
+90.4,56.4' Maple
+98.2,14' Pwp.
+01.2,14.9' Found Monument, Rebar
+22.1,22' Pvt. Lamp Post
+22.1,68.5' Pine
+25.7,14.3' Mailbox 2768
+29.3,31.2' Spruce
+39.4,61' Maple
+52.2,72.1' Maple
+57.6,44.6' Ground Light
+68.1,84.7' Clean Out
+85.3,97.4' Bradford" Pear
+89.3,101.2' Bradford" Pear
+90.8,97.4' Hdwl.
+98.1,79.6' Hdwl.
+04.0,95.6' Bush
+05.4,69.2' Pwp.
+06.7,14.9' Pwp.
+11.2,60.8' Stump 26"
+13.9,89.5' Stump 18"
+19.0,89.5' Stump 18"
+23.0,56' Stump 18"
+26.7,82.7' Canopy
+39.7,62.6' Canopy
+43.7,55.1' Canopy 2"x2"
+47.7,12.8' Mailbox 2774
+58.6,68.3' Stump 24"
+58.1,10.1' Water Meter
+89.4,66.9' Maple
+10.0,73.9' Maple
+14.2,14.8' Found Monument, Pipe
+14.2,14.8' Found Monument, Pin
+14.2,14.3' Stump 18"
+19.6,15.1' Catch Basin
+19.0,14.4' Low Wire
+19.0,14.4' Holly
+17.0,22.1' Guy Anchor
+47.6,89.1' Canopy
+55.5,68.3' Low Wire
+63.6,69.8' Pwp.
+69.9,74.2' Water Meter
+73.4,82.2' Gas Meter
+91.1,22.1 Low Wire
+03.2,76.4' Pwp.
+27.8,71.2' Guy Anchor
+31.2,84.3' Guy Anchor
+63.1,46.3' Holly
+83.8,76.3' Volleyball Post
+23.1,48.2' Stump 15"
+27.0,47.8' Stump 15"
+40.1,48' Pine
+34.3,48.4' Cherry" G3
+48.5,48.8' Pine
+61.8,48.1' Cherry" G6
+76.3,49.7' Pine
+90.2,61.7' Cedar
+99.1,73.6' Cherry
+04.0,61.4' Pine
+10.1,71.6' Stump 14"
+10.0,58.1' Stump 12"
+20.6,67.6' Pine
+26.3,78.2' Pine
+30.3,42.8' Flood Lamp
+36.5,41.8' Guy Anchor
+37.9,42.2' Guy Anchor
+39.1,41.8' Traffic Signal Pole
+48.3,43.4' Hdwl.
+48.8,43.4' Hdwl.
+48.8,42.6' Rcp
+53.6,42.9' Pwp.
+69.7,8.1' 4 Way Signal Flashing Light
+74.2,2' Found Monument Rag
+80.9,1.1' 4 Way Signal Flashing Light
+89.8,36.6' Traffic Signal Pole
+89.8,36.6' Sign, Sr 11
+91.6,35.1' Catch Basin
+94.8,10.3' Street Sign
+94.8,10.3' Water Valve
+16.6,59' Holly
+18.1,21.8' Crabapple
+20.1,31.7' Crabapple
+21.3,35.5' Mulberry
+22.5,36.5' Mulberry
+26.2,24.2' Pvt. Lamp Post
+26.6,13.2' Crabapple
+28.6,13.4' Crabapple
+29.1,19.3' Crabapple
+29.7,13.9' Crabapple
+30.9,14.2' Crabapple
+11.2,15' Found Monument, Rebar
+34.5,12.1' Mailbox 2766
+68.2,58.3' Maple
+75.5,35.7' Water Meter
+78.6,59.7' Holly
+86.8,23.1' Clean Out
+90.4,56.4' Maple
+98.2,14' Pwp.
+01.2,14.9' Found Monument, Rebar
+22.1,22' Pvt. Lamp Post
+22.1,68.5' Pine
+25.7,14.3' Mailbox 2768
+29.3,31.2' Spruce
+39.4,61' Maple
+52.2,72.1' Maple
+57.6,44.6' Ground Light
+68.1,84.7' Clean Out
+85.3,97.4' Bradford" Pear
+89.3,101.2' Bradford" Pear
+90.8,97.4' Hdwl.
+98.1,79.6' Hdwl.
+04.0,95.6' Bush
+05.4,69.2' Pwp.
+06.7,14.9' Pwp.
+11.2,60.8' Stump 26"
+13.9,89.5' Stump 18"
+19.0,89.5' Stump 18"
+23.0,56' Stump 18"
+26.7,82.7' Canopy
+39.7,62.6' Canopy
+43.7,55.1' Canopy 2"x2"
+47.7,12.8' Mailbox 2774
+58.6,68.3' Stump 24"
+58.1,10.1' Water Meter
+89.4,66.9' Maple
+10.0,73.9' Maple
+14.2,14.8' Found Monument, Pipe
+14.2,14.8' Found Monument, Pin
+14.2,14.3' Stump 18"
+19.6,15.1' Catch Basin
+19.0,14.4' Low Wire
+19.0,14.4' Holly
+17.0,22.1' Guy Anchor
+47.6,89.1' Canopy
+55.5,68.3' Low Wire
+63.6,69.8' Pwp.
+69.9,74.2' Water Meter
+73.4,82.2' Gas Meter
+91.1,22.1 Low Wire

N. 123153.2113 E. 639475.3455
MAG NAIL IN POWER POLE 45.58'
MAG NAIL IN POWER POLE 31.83'
FIRE HYDRANT 60.91'
STOP SIGN 73.62'
CNTRL PT #44 – REBAR

MONTIE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

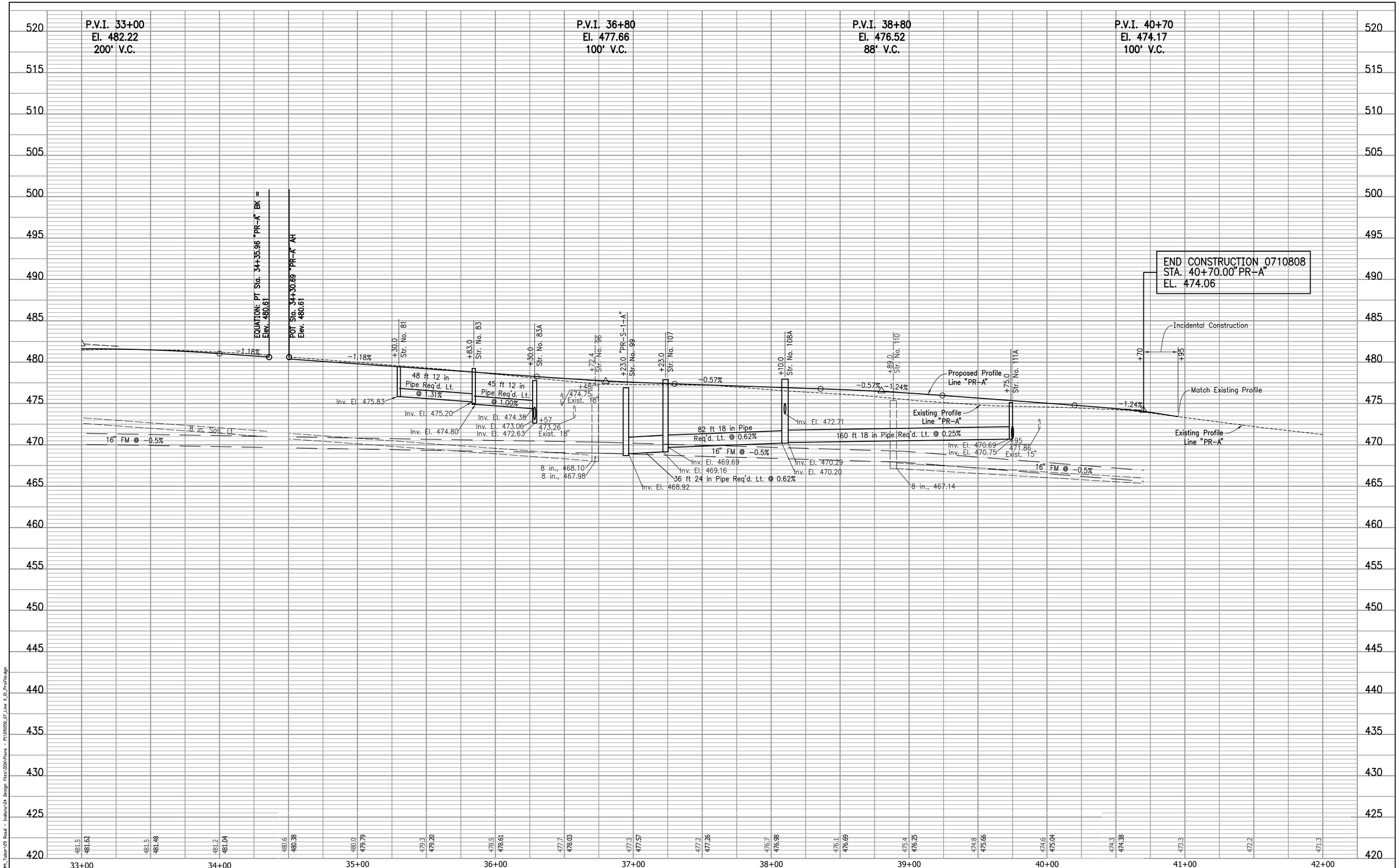
DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 33+00 TO 42+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	45 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 1 5:51:26 PM I P:\09\1650_Mt_Tabor\09 Road - Indiana\04 Design Files\30IN\Plans - P1\091650_07_Line X_01_Plan.dgn



MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER	RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 30' / BRIDGE FILE N.A.
	DESIGNED: MSM / DRAWN: MAB	PROFILE	VERTICAL SCALE 1" = 5' / DESIGNATION NO. 0710808
	CHECKED: AJS / CHECKED: MSM	STA. 33+00 TO STA. 42+00 "PR-A"	SURVEY BOOK ELECTRONIC / SHEETS 46 of 146
			CONTRACT R-33319 / PROJECT NO. 0710808

10/30/2017 1 5:51:29 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_07_Line X_01_Profile.dgn

+01.7,14' Pwp.
+03.1,11.1' Low Wire
+04.3,21.8' Power Pole
+05.2,20.4' Guy Anchor
+05.6,25.6' Bush
+05.8,31.9' Bush
+06.3,46.1' Bush
+22.1,49.9' Maple
+24.3,15.5' Oak
+24.5,12.7' Mailbox 2787
+43.2,14.6' Water Meter
+43.2,14.3' Water Meter
+49.3,51.4' Bush
+51.9,18.1' Bush
+63.3,13.3' Sign, Hdwl.
+63.9,87.3' Maple
+67.0,102.1' Maple
+67.0,16' Catch Basin
+71.2,12.5' Maple
+74.2,4.5' Mailbox 2787
+05.8,94.6' Holly
+06.3,2.9' Low Wire
+10.4,76.6' Bush
+20.9,20.2' Bush
+24.0,20.8' Bush
+30.8,15.7' Ash
+30.4,97.4' Gas Meter
+43.1,14' Found Monument, Rebar
+45.8,20.8' Maple
+54.5,39' Pine
+54.3,54.2' Pine
+63.7,62.1' Pine
+72.4,28.5' Pine
+74.9,48.9' Pine
+76.8,20.2' Water Spigot
+78.3,20.2' Water Meter
+78.6,48.4' Pine
+82.0,35.7' Maple
+08.4,45.4' Elec. Meter, Temp.
+16.7,12.7' Mailbox 2779
+19.2,16.8' Light Anchor
+19.4,11.8' Low Wire
+20.0,11.2' Low Wire
+21.9,11.6' Found Monument
+23.2,12.2' Mailbox 2779
+37.7,48.6' Gas Meter
+44.4,32.7' Pvt. Lamp Post
+64.2,13.3' Water Meter
+65.9,68.9' Clean Out
+71.9,36.5' Holly
+04.3,19.1' Guy Anchor
+05.6,11.9' Low Wire
+06.7,12.4' Pwp.
+08.6,50.8' Low Wire
+08.6,50.6' Maple
+75.1,34.2' Pine
+87.8,4.7' San. MH
+08.5,25.7' Stump 30"
+15.3,14' Mailbox 2787
+37.4,58' Gas Meter
+61.5,45.6' Bush
+67.8,16.2' Monument Conc
+98.5,64' Maple
+99.3,61.1' Maple
+10.2,44.9' Maple
+29.0,14.8' Light Std.
+31.3,12' Sign Left Curve
+41.8,76.3' Maple
+44.3,46.1' Maple
+61.1,61.3' Magnolia
+80.2,47.9' Maple
+89.3,67.3' Maple
+02.6,6.4' Gas Valve
+09.2,4.8' Gas Meter
+12.2,15.7' Water Meter
+36.8,58.7' Shrub
+37.1,60.6' Shrub
+37.8,59.9' Found Monument
+37.9,5.1' San. MH
+38.9,58.4' Shrub
+43.4,24.8' Maple
+71.0,17.2' Found Monument, Nail
+75.2,14.5' Mailbox 2795
+84.6,14' Mailbox 2797
+85.8,81.6' Canopy
+86.0,88.3' Canopy
+10.1,15.2' Low Wire
+12.7,88.5' Canopy
+12.7,80.5' Canopy
+26.1,41.6' Shrub
+26.1,42.1' Shrub
+33.8,15.3' Water Meter
+36.2,88.5' Gas Meter
+92.8,23.1' Catch Basin
+96.0,17.8' Found Monument
+09.8,37.7' Shrub
+19.0,60.7' Gas Meter
+29.2,15.5' Mailbox 2799
+57.6,19.1' Water Meter
+61.5,53.1' Maple
+68.4,26' Cedar
+80.5,17.6' San. MH
+83.4,18.1' Low Wire
+99.5,18.4' Pwp.

DIEDRE J. TRIPLETT

ALEX EBLING

ROBERT C. MANSFIELD & PATRICIA I. MANSFIELD

ALLEN THOMAS SHUTTERS & JANET GAYE SHUTTERS

SURVEY NO. 63 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

SCOTT CARRICO & RODNEY MOUBRAY

CHARLES E. RHODE ET UX.

SLATE RUN

MICKEY G. KAHL, KATHY KAY LITCH, ROBERT H. KAHL, JOHN C. KAHL & GWINN A. KAHL

CURVE DATA
PI = 45+79.26 "PR-A"
Δ = 2° 05' 53.17" (LT)
R = 2,000.00'
T = 36.62'
L = 73.24'
E = 0.34'
S.E. = NC

PC Sta. 45+42.64 "PR-A"
POT Sta. 45+42.64 "A"

PI Sta. 45+79.26 "A"
PI Sta. 45+79.26 "PR-A"

EQUATION:
PT Sta 46+15.87 "PR-A" BK =
POT Sta 46+15.88 "PR-A" AH =
POT Sta 46+15.88 "A"

PT Sta. 43+38.02 "A"
PT Sta. 43+38.02 "PR-A"

POT Sta. 47+81.61 "PR-A"
POT Sta. 1+00.00 "S-3-A" =

MATCH LINE STA. 42+00 "PR-A"

MATCH LINE STA. 51+00 "PR-A"

16' ELEC. U.G. LINE ESMT.

Line "A" MT. TABOR ROAD

Line "PR-A"

App. ℄ & Exist R/W

N76°59'40.43"E

N74°53'47.26"E

16" FORCE MAIN

20' W.L. ESMT.

10' D.&U.E.

15' D.&U.E.

8' D.&U.E.

30' S.S.D.&U.E.

30' B.L.

35' R/W

30' R/W

CNTRL PT # 56

CNTRL PT # 66

LEWIS M. MORRIS LOT 4

WILLIAM B. JENKS & ELIZABETH SUE JENKS LOT 3

LAWRENCE W. WARREN LOT 1

JAMES M. BREADEN ET AL. LOT 2

AMY COURT

AMY COURT, SECTION TWO

Line "S-3-A"

POT Sta. 2+50.00 "S-3-A"

S02°20'42.87"W

BRIAN JOSEPH WISEMAN & CHERYL M. WISEMAN

TIMOTHY S. FITZGERALD

CHRISTOPHER SCOTT KEENE

ROBERT C. COBB & RUTHANN COBB

ARLENE N. ARNOLD ET AL.

ARLENE N. ARNOLD

MICKEY G. KAHL

AMY COURT LOT 1

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

SURVEY NO. 63 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

CURVE DATA
PI = 42+74.49 "PR-A"
PI = 42+74.49 "A"
Δ = 15° 35' 05.18" (RT)
R = 470.00'
T = 64.32'
L = 127.84'
E = 4.38'
S.E. = NC

1 Sty Brick
1-1/2 Story Frame Residential
1-1/2 Story Brick/Frame Residential
1 Story Brick w/Basement Residential
1 Story Brick/Frame Residential
1 Story Frame Residential
2 Story Brick/Frame Residential
1 Story Brick Residential
1 Story Frame w/Basement Residential
Old Conc Foundation
Pole Barn
Conc Slab
Frame Garage
Swing Set
Grass
Asphalt Curb
Conc
Asph
Sta.
T.B.M.# 7

+02.0,0.1' Found Monument Rdg
+00.9,15' Found Monument, Pipe
+29.6,21.1 Low Wire
+50.8,19.9' Found Monument, Rebar
+51.4,15.5' Catch Basin
+64.8,10.9' Hdwl.
+64.8,11.5' Hdwl.
+72.9,10.6' Hdwl.
+73.0,11.1' Hdwl.
+80.0,74.8' Maple
+96.1,40.5' Bradford
+00.5,85 Low Wire
+15.9,73.5' Clean Out
+26.1,24' Bradford
+30.9,11.5' Catch Basin
+31.6,18.8' Water Meter
+35.0,49.3' Maple
+53.4,13.1' Mailbox 2780
+69.4,28.6' Bush
+97.5,59.7' Air Conditioner
+99.7,15.3 Low Wire
+11.0,38.2' Bush
+24.6,20.8 Low Wire
+26.6,16.5' Water Meter
+49.0,58.3' Maple
+52.2,15.3' Mailbox 2784
+70.2,57.2' Maple
+95.3,29.3 Low Wire
+96.0,29.9' Pwp.
+98.9,17.2' Found Monument
+01.3,5.4 Low Wire
+16.0,21.8' Water Meter
+26.2,73.1' Holly
+37.3,8.2 Low Wire
+46.6,14.9' Mailbox 2788
+49.4,98.1' Maple
+54.2,98.0' Pvc
+55.8,76.7' Maple
+61.8,56.5' Maple
+62.7,58.3' Maple Box
+67.3,98.4' Found Monument
+70.1,30.5' Low Wire
+73.0,43.7' Pwp.
+73.5,34.4' Pwp.
+78.6,16.5' Phyd.
+69.5,47.9' Bush
+81.3,51.9' Air Conditioner
+83.1,54.4' Gas Meter
+91.1,29.3' Catch Basin
+05.5,43.3' Pine" Dead
+30.7,48.9' Pine
+40.7,40.9' Catch Basin
+43.1,69.1 Sign, W4-2 4"X4" Wood Post
+55.2,13.1' Water Valve
+75.2,86.9' Water Meter
+75.3,86.7' Water Meter
+83.9,54.4' Mailbox 98
+89.5,37.2' Catch Basin
+90.3,41.2 Sign, Sr11
+00.9,46.3' Ash
+63.3,48.9' Air Conditioner
+13.8,1.7' Low Wire
+15.1,5.4' Pwp.
+16.7,12.8 Low Wire
+33.3,69' Stump 30"
+51.5,20.2' Water Meter
+17.0,12' Mailbox 2800
+45.4,55.8' Pear
+69.4,19.6' Shrub
+69.8,12.2' Mailbox 2802
+72.2,17.9' Water Meter
+72.6,18.2' Catch Basin
+77.1,67.9' Water Meter
+82.4,46.2 Low Wire
+88.0,25.6 Low Wire

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

N. 123475.8443 E. 640147.6888
℄ GARAGE
40.95'
29.44'
MAG NAIL IN POWER POLE
87.90'
57.35'
GARAGE
GARAGE
CNTRL PT #56 – REBAR

N. 123567.6803 E. 640675.0652
MAG NAIL IN POWER POLE
MAG NAIL IN POWER POLE
43.17'
13.55'
56.80'
34.61'
BLDG. CORNER
FENCE CORNER
CNTRL PT #66 – REBAR

FOR INFORMATION ONLY

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

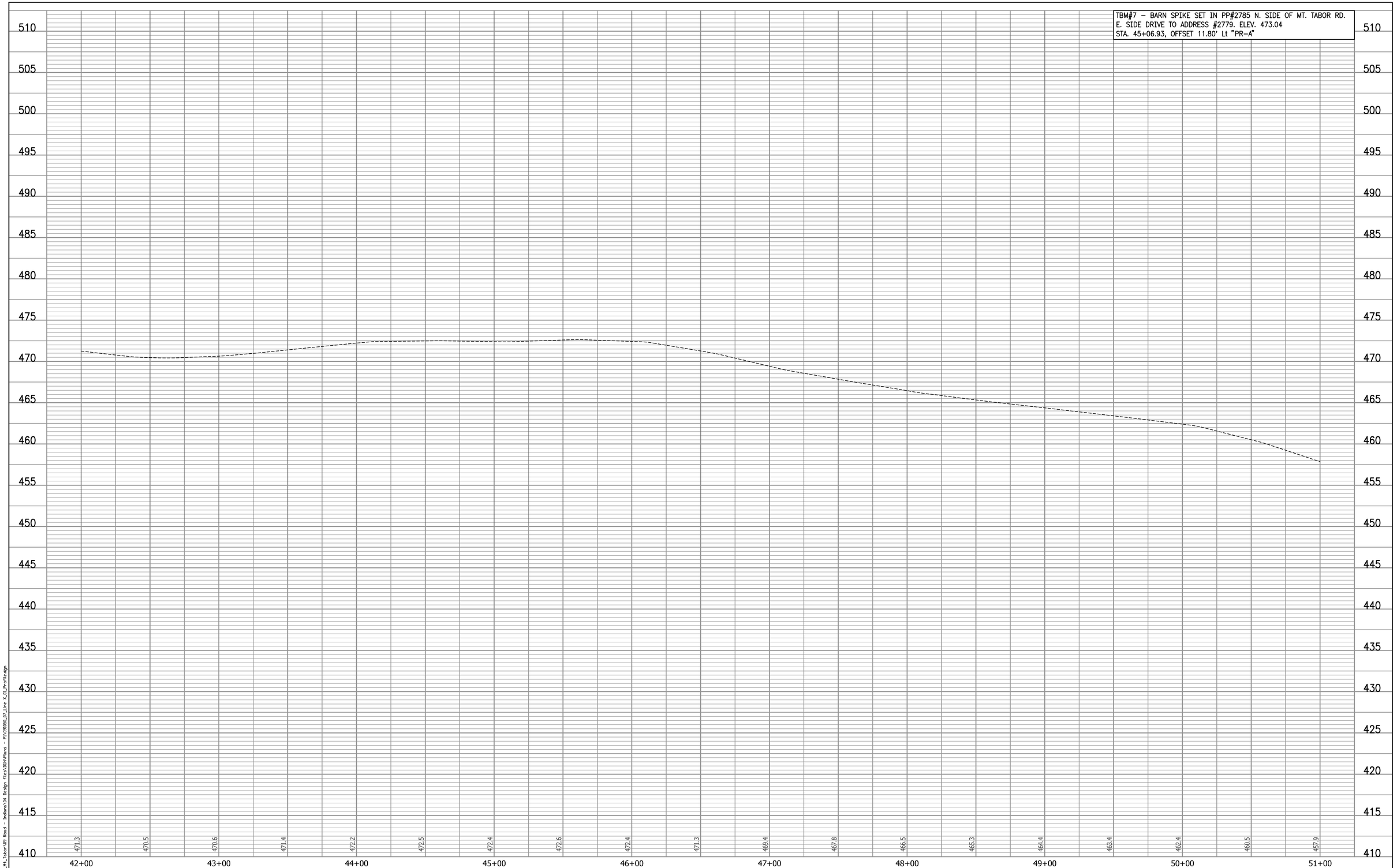
DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 42+00 TO 51+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	47 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 5:51:04 PM | P:\091650_Mt_Tabor\09 Road - Indiana\04 Design Files\3DA\Plans - P1\091650_07_Line X_01_Plan.dgn



FOR INFORMATION ONLY

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 42+00 TO STA. 51+00 "PR–A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	48 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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55

60

+96.7,16.6' Light Std.
+02.6,13.8' Guy Anchor
+11.5,34.5' Crabapple

+68.6,96.3' Car Wash Vacuum

+86.4,26.9' Mailbox Kathls Body Shop
+01.7,90.7' Air Conditioner
+01.8,85.7' Air Conditioner

+33.6,6.3' San. MH

+58.4,15.3' Low Wire
+58.5,15.5' Pwp.
+63.6,25' Guy Anchor

+35.0,75.8' San. MH
+40.8,72.9' Light Std.
+40.4,47.2' 30" Ads

+00.4,28.3' Guy Anchor
+03.0,23 Low Wire
+03.4,22.1' Pwp.
+31.5,72.1' Sycamore
+31.7,31.4' Hdwl.
+32.4,36.5' Hdwl.
+34.2,41.4' Hdwl.
+34.7,1.4' Hdwl.
+38.5,1.25' Hdwl.
+39.1,32.4' Hdwl.
+39.5,32.3' Hdwl.
+42.5,2.2' Hdwl.
+53.3,13.3" San. MH
+78.1,34.9' Found Monument, Rebar
+80.1,10.9' Low Wire
+83.1,0.9' Pwp.
+91.5,31.0' Water Meter
+95.5,31.6' Maple
+04.5,90.5' Ash

+81.3,31.2' Water Valve
Found Monument, Rebar

+84.7,64.2' Pwp.

+12.7,29.5' Sign Chevron
+14.0,29.3' Sign Chevron

+36.1,28' Sign Chevron
+37.0,28.1' Sign Chevron
+38.1,73.8' Hdwl.
+38.4,74.9' Hdwl.
+43.7,65.7' San. MH
+44.5,72' Hdwl.
+59.1,28' Sign Chevron
+59.9,28.3' Sign Chevron

+82.8,27.5' Sign Chevron
+83.2,27.8' Sign Chevron

+05.7,26.3' Sign Chevron
+06.4,26.7' Sign Chevron

+11.5,70.7' Fur
+14.1,59' Maple

+34.7,53.1' Holly
+39.9,88.5' Ash
+36.4,81.2' Oak
+47.0,52.4' Holly

+61.3,58.5' Dogwood
+82.4,27.4' Water Meter
+95.0,27.7' Elec. Meter
+95.3,51.4' Magnolia, 6ß
+99.8,21.2' Shrub

+03.8,49.5' Low Wire
+13.4,20.2' Shrub
+21.1,18.2' Shrub

+24.0,43.9' Cherry
+31.2,18.3' Shrub
+34.9,53.1' Cherry
+43.5,17.7' Shrub
+45.4,13.4' Mailbox 2831

CURVE DATA
PI = 52+99.70 "PR-A"
Δ = 3° 26' 01.08" (RT)
R = 2,000.00'
T = 59.95'
L = 119.86'
E = 0.90'
S.E. = NC

CURVE DATA
PI = 58+01.68 "PR-A"
Δ = 46° 52' 11.81" (RT)
R = 395.00'
T = 171.22'
L = 323.12'
E = 35.51'
S.E. = NC

CURVE DATA
PI = 57+75.86 "A"
Δ = 50° 18' 12.89" (RT)
R = 395.00'
T = 185.47'
L = 346.80'
E = 41.37'
S.E. = NC

JESSE C. & VIRGIE M. MONTGOMERY
UNRECORDED SUBDIVISION

SMITH LIVING TRUST
LOT 20

JESSE C. & VIRGIE M. MONTGOMERY
UNRECORDED SUBDIVISION

SUSAN K. COCHRAN &
SHARON A. CALANDRINO
LOT 19

SUSAN K. COCHRAN &
SHARON A. CALANDRINO

MICKEY G. KAHL, KATHY KAY LITCH,
ROBERT H. KAHL, JOHN C. KAHL
& GWINN A. KAHL

SLATE RUN

App. ℄

50' S.S. ESMT

1 Story Frame Commercial

Asph.

PI Sta. 52+99.70 "PR-A"

PC Sta. 52+39.75 "PR-A" =
POT Sta. 52+39.75 "A"

PT Sta. 53+59.61 "PR-A"

Perpetual Ret. Wall Easement

W-Beam Guardrail
& Curved Terminal
End Req'd

Modified Soil
Nail Wall

Const.
Limits

Remove 143.75' Guardrail

PI Sta. 58+01.68 "PR-A"

PI Sta. 57+75.86 "A"

CNTRL PT # 76

T.B.M.# 8

T.B.M.# 9

Temp. R/W for
Retaining Wall
and Drive Const.

Temp. R/W for
Wall Const.

Temp. R/W for
Drive Const.

Temp. R/W for
Grading

Temp. R/W for
Drive Const.

Perpetual Drainage Easement

30' R/W

App. ℄ & Exist R/W

Line "A"

Line "PR-A"

N78°19'48.34" E

N74°53'47.26" E

MATCH LINE STA. 51+00 "PR-A"

MATCH LINE STA. 60+00 "PR-A"

MT. TABOR ROAD

S34°47'59.65" E

20' W.L. ESMT.

6" VCP

16" FORCE MAIN

12" CMP

RIP RAP

2 Story Brick Apartments

1 Story Brick/Frame Residential

1 Story Frame w/Basement Residential

PC Sta. 56+30.46 "PR-A"

PT Sta. 59+37.19 "A"

EQUATION:
PT Sta 59+53.59 "PR-A" BK =
POT Sta 59+62.01 "PR-A" AH =
POT Sta 59+62.01 "A"

MICKEY G. KAHL

GREATER FAITH
APOSTOLIC CHURCH, INC.

WYNN GATE L.P.

SURVEY NO. 63 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

Modified Soil Nail Wall Limits

See Sheet 4 for Mod. Soil Nail Wall Section.

+07.0,68.6' Air Conditioner
+35.5,33.7' Low Wire
+52.9,51.8' Maple
+67.1,90.5' Clean Out
+71.0,98.7' Gas Meter
+73.5,73.9' Cedar
+73.9,87.2' Low Wire
+04.7,17.5' Water Meter

+42.4,65.6' Shrub
+42.6,68.8' Shrub
+43.5,69.2' Shrub
+58.0,48' Shrub
+64.1,40.8' Shrub
+70.0,33.7' Shrub

+87.2,48.2' Oak
+89.1,77.4' Maple
+93.0,49.2' Maple
+98.3,80.2' Maple

+05.7,78.7' Hackberry
+16.0,18.7' Found Monument, Rebar
+18.1,17.4' Mailbox 2804
+18.9,76.8' Low Wire
+19.9,76.8' Maple
+14.7,88.1' Maple
+31.6,54.4' Maple
+38.7,32.2' Low Wire
+44.2,11.9' Hdwl.
+46.4,11.9' Hdwl.
+47.4,17.2' 35"" Cmp
+50.8,11.5' Hdwl.

+83.2,19.1' Water Meter
+84.3,10.9' Mailbox 2808
+85.3,10.9' Mailbox Paperbox

+16.4,84.6' Stump 18"
+18.2,34.1' Ash
+19.0,37.3' Stump 15"
+21.4,37.5' Maple
+22.0,40.3' Maple
+22.8,40.7' Maple
+24.8,39.0' Maple
+26.5,28.4' Stump 30"
+26.8,28.4' Maple
+28.2,82.7' Maple
+28.4,27.2' Maple
+31.1,33.4' Maple
+36.3,76.1' Monument, Rebar
+38.8,57.3' Mailbox 2814
+66.6,16.8' Water Meter

+33.5,22.5' Sign

+53.4,30.5' Pwp.

+93.8,2.7' Guy Anchor

+00.4,34.8' Birch" 63
+01.1,41.1' Gas Meter

+71.3,54.6' Water Valve
+77.3,33.8' Pine
+80.9,55.5' Water Meter

+02.0,36.6' Sign No Parking

+15.0,14.3' Catch Basin

+47.2,65.3' Sign Handicap Parking

+64.3,45.9' Tele. Riser
+67.4,63.5' Guy Anchor
+66.4,39.7' Light Std.
+82.1,42.4' Clean Out

+98.6,28' Pine
+04.6,58.9' Elec. Meter 9
+11.8,41.2' Gas Meter 4
+16.4,50.2' Air Conditioner
+17.1,52.9' Air Conditioner
+18.1,56' Air Conditioner

+58.3,44.3' Pine

+91.5,61.6' Pine
+06.1,80.9' Tele. Riser
+14.3,75' Air Conditioner
+17.3,73.7' Air Conditioner
+20.2,76.1' Air Conditioner
+23.1,70.7' Air Conditioner
+20.7,50.5' Pine
+36.0,65.9' Elec. Meter 5
+39.0,64.3' Elec. Meter 4
+51.6,67.5' Clean Out

+25.9,19.1' Pwp.
+32.4,17.3' Guy Anchor
+51.7,37.4' Water Meter

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED
FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

N. 123808.4936 E. 641444.7826
SIGN
CURVE DIR."
112.63'
15.88'
94.17'
97.11'
SIGN
APT. BLDG #37-40
APT. BLDG #41-48
CNTRL PT #76 – REBAR

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 51+00 TO 60+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	49 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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TBM#8 – BARN SPIKE SET IN PP#402995 N. SIDE OF MT. TABOR RD. W. SIDE OF ENTRANCE TO KAHL'S BODY SHOP. ELEV. 452.46
STA. 51+96.50, OFFSET 15.90' Lt "PR–A"

TBM#9 – BARN SPIKE SET IN PP#402988 S. SIDE OF MT. TABOR RD. AT END OF APT. BLDG. ELEV. 449.84
STA. 57+66.62, OFFSET 8.69' Rt "PR–A"

500 495 490 485 480 475 470 465 460 455 450 445 440 435 430 425 420 415 410 405 400

143.75' W–Beam Guardrail @ 6'–3" Spa.

Existing Guardrail (Do Not Disturb)

+10.6

+54.35

457.9 454.7 451.6 449.2 448.2 447.5 447.2 446.8 446.4 445.3 446.9 447.5 448.0 448.5 449.1 449.7 450.4 450.8 451.2

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 51+00 TO STA. 60+00 "PR–A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	50 of 146
CONTRACT	PROJECT NO.
R–33319	0710808

60
+03.6,68' Hackberry
+10.9,20.1' Hackberry
+20.3,15.1' Found Monument, Stone
+22.7,22.2' Power Pole
+23.9,14.9' Low Wire
+23.5,15.1' Pwp.
+24.9,15.7' Low Wire
+31.5,77.9' Pwp.
+36.5,2.8R Clean Out
+37.4,69.8' Low Point
+47.4,47.7' Shrub
+57.9,4.9' San. MH
+65.0,52.8' Maple
+66.5,44.7' Shrub
+68.5,19.1' Shrub
+75.3,19.8' Water Meter

+03.0,15.6' Mailbox 2843

+07.7,60.5' Maple

+42.3,30.5' Shrub
+48.0,20.1' Shrub
+49.0,17.2' Found Monument, Rebar
+50.7,18.4' Found Monument, Stone
+56.5,15.5' Sign Left Turn

+59.6,97.4' Found Monument, Pin
+79.4,2.4' Low Wire

+18.6,23.9' Pwp.
+18.6,24.5' Low Wire

+44.2,49.1' San. MH

+57.7,15.9' Found Monument Rdg

+00.6,23.7' Found Monument, Pin

+03.4,57.3' Maple
+09.9,62.7' Ash
+17.6,72.6' Maple
+20.1,50' Oak

+55.2,35' R/W Marker, Mt.Tabor
+58.1,17.2' Sign No Trucks

+75.5,53.8' R/W Marker Charlestown Rd
+82.3,30.7' Gas Valve
+85.6,43.7' Traffic Signal MH
+88.9,37.9' Traffic Signal Pole
+94.3,25.4' Catch Basin

+11.3,7.9' San. MH

+62.4,62.9' Loop Det. Housing 7"X8"

+93.9,86.5' Catch Basin
+98.0,40.5 Low Wire
+98.5,40.7' Traffic Signal Pole
+99.3,76.8' Storm MH

65
+01.1,52.1' Elec. Box
+02.5,15.7' Loop Det. Housing 7"X8"
+12.7,13.9' Catch Basin
+53.4,143.4 Low Wire

+48.7,96.5' R/W Marker Charlestown
+44.9,47.6 Low Wire

+58.4,15.5' Light Std. W/2' Cnc Base

+38.1,16.3' Light Std. W/2' Cnc Base

SURVEY NO. 63 OF
THE ILLINOIS GRANT
NEW ALBANY TWP.
FLOYD COUNTY

CITY OF
NEW ALBANY

SUSAN K. COCHRAN &
SHARON A. CALANDRINO

SHARON ANN
CALANDRINO
ET AL

1 Story
Frame
Residence

CITY OF
NEW ALBANY

CITY OF
NEW ALBANY

Temp. R/W for
Drive Const.

EQUATION:
PI Sta. 62+55.75 "A" =
PI Sta. 62+55.75 "PR-A"

NEW ALBANY
SEWER UTILITY

Temp. R/W
for Grading

GREATER FAITH
APOSTOLIC CHURCH

S.R. 311
CHARLESTOWN ROAD

SLATE RUN

MATCH LINE STA. 60+00 "PR-A"

MT. TABOR ROAD

Line "A"

S54°47'59.85"E

S54°33'17.03"E

S78°11'02.45"E

App. ℄ & Exist R/W

Line "PR-A"

30' R/W

50' R/W

2 Story
Brick
Apartments

WYNN GATE L.P.

WYNN GATE L.P.

STATE OF INDIANA

SILRUN, LLC
TRACT 2
PROPERTY OF WYNN GATE WOODS, L.P.

PI Sta. 64+46.54 "A"
PI Sta. 64+46.54 "PR-A"

+52.9,80.6' Canopy
+58.3,70.3' Canopy
+61.3,75.5' Canopy
+63.2,32.9' San. MH

+91.7,2.9 Low Wire

+13.1,23.1' San. MH

+35.7,16.6' Sign Stop Light Ahead
+42.9,17.5 Low Wire
+43.1,18.3' Pwp.

+56.7,19.2' Guy Anchor

+72.5,19.4' Water Valve
+75.5,18.4' Water Valve Buried
+78.3,19.3' Flood Light
+83.9,23.3' Gas Meter
+98.3,36.5' Air Conditioner
+98.3,46.9' Air Conditioner
+101.3,91.2' Air Conditioner
+102.6,83.5' Air Conditioner
+111.4,56.4' Gas Riser
+115,56.8' Holly
+117,4,60.9' Elec. Meter 8

+55.5,23.7 Left Lane Turn

+36.6,47.4' Light Std.
+44.8,48.8' Guy Anchor

+75.8,11.8' Loop Det. Housing 7"X8"
+75.9,12.3' Loop Det. Housing 7"X8"

+91.2,59.7' R/W Marker Charlestown Rd

+03.7,26.4' Catch Basin
+14.0,46.9 Low Wire
+14.1,47.5' Traffic Signal Pole

+46.5,59.8' Loop Det. Housing 7"X8"

+77.7,57.7' Catch Basin
+82.6,57.6' Low Wire
+83.3,66.2' Traffic Signal Pole
+86.6,44.3' Traffic MH

+05.4,19.9' Catch Basin
+08.8,43.6' 36" Crmp
+13.0,44.8' Water Valve
+25.2,29.6' Water Valve
+26.9,63.1' Hdwl. Rcp
+29.3,58.7' Hdwl. Rcp
+30.2,62.3' Pwp.
+36.2,44.9' Pwp.
+42.2,29.3' Lwn Sprkl. Cntrl.
+54.9,57.3' Sign
+19.2,249.9 Low Wire
+63.0,56.9' Sign

+69.1,93.4' Crabapple

+99.2,27.2 Sign, Sr 11

+04.3,53.3' Catch Basin

+16.8,40.8' Crabapple

+67.6,84.1' Light Std. W/2' Cnc Base

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED
FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

FOR INFORMATION ONLY

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 60+00 TO END "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	51 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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500 495 490 485 480 475 470 465 460 455 450 445 440 435 430 425 420 415 410 405 400

451.2 451.7 451.9 451.7 451.6 451.1 449.7 447.3 444.7 443.5 442.3 441.5 440.6 441.3 442.8 444.5 446.2 447.8 449.4

FOR INFORMATION ONLY

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM | DRAWN: MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 60+00 TO END "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	52 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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10

15

+77.5, 49.5' Bush
+77.6, 52.4' Bush
+82.4, 32.4' Guy Anchor
+82.7, 14.6' Guy Anchor
+82.2, 14.9' Mailbox 1815

+84.8, 17.5' Mailbox 1833

+98.3, 27.8' L, 1.35' R, 1.35' Post
+98.7, 60.0' Stump 12

+02.0, 36.9' 2 x 2 Brick Post
+04.3, 36.2' Bush
+25.7, 36.7' Bush
+28.6, 30.2' Bush
+28.2, 37.2' L, 7.35' R, 1.35' Brick Post
+29.8, 21.5' Bush
+32.7, 46.2' Water Meter

+57.5, 27.4' Found Monument Pin 1/2"
+58.0, 16.7' Speed Lmt. Sign 30

+59.5, 52.7' 24" Cherry

+26.3, 66.6' 4" Catalpa

+91.6, 67.0' Elm
+11.4, 67.5' 6" Mulberry

+16.8, 60.5' 8" Elm
+22.4, 64.6' Elm
+22.8, 66.1' Stump 15

+32.2, 28.6' 6" Vcp
+35.2, 57.9' Stump 18"

+83.7, 41.8' Stump 12"
+89.8, 63.3' Pine
+92.6, 52.5' Stump 14"

+01.0, 73.1' Cedar
+02.3, 59.4' Pine
+03.2, 49.8' Pine
+12.0, 87.8' Pine

+17.2, 28.9' Poplar
+21.1, 27.0' Guy Anchor
+24.1, 28.0' Guy Anchor
+24.7, 25.8' Guy Anchor
+24.4, 11.2' Pwp.
+32.4, 16.5' 18" Rcp
+32.7, 19.7' Hdwl.
+35.3, 19.4' Hdwl.
+41.7, 25.9' Traffic Signal Pole

+81.2, 4.8' Gas Valve
+83.2, 11.8' Gas Valve
+89.3, 39.5' Gas Valve
+89.6, 39.3' Gas Anchor
+90.1, 33.7' Guy Anchor
+90.4, +94.5, 16.8' Sign
+00.9, 13.0' Hdwl.
+01.6, 13.0' Catch Basin
+02.7, 11.6' Hdwl.
+04.0, 5.4' Hdwl.
+04.2, 2.6' Hdwl.
+05.7, 13.2' Hdwl.
+11.9, 3.9' Sign, Sr 11
+29.5, 12.5' Water Meter
+31.7, 5.6' Catch Basin
+49.5, 25.8' Magnolia

+74.4, 7.4' Waltbox 3601
+78.0, 6.7' Catch Basin

+99.4, 21.6' Post

+09.1, 21.2' Sliding Gate Post

+22.5, 1.6' Pwp.
+27.6, 25.6' Birch 65

+47.1, 27.2' Birch 62

+61.9, 11.4' Catch Basin
+65.0, 26.7' Birch 63

+85.6, 28.4' 24" Birch

+24.6, 15.8' Mailbox 3606
+26.1, 60.3' Stump 1
+27.0, 59.7' Dogwood

+65.8, 9.0' Sanitary MH

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

LEWIS A. ENDRES & DEBORAH S. ENDRES

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

SCOTT W. WHALEN & CARRIE G. WHALEN

BEGIN CONSTRUCTION 0710808
STATION: 13+00.00 "PR-S-1-A"
N.: 122904.544
E.: 639627.457

PI Sta. 13+05.25 "PR-S-1-A"

PI Sta. 11+20.17 "PR-S-1-A"

POT Sta. 10+00.00 "PR-S-1-A"

EQUATION:
P.O.T. 12+69.03 "PR-S-1-A" =
P.O.T. 0+00.00 "S-1-A"

EQUATION:
PI Sta. 15+68.21 "PR-S-1-A" =
POT Sta. 36+68.00 "PR-A"

EQUATION:
PI Sta. 36+77.07 "A" =
PI Sta. 36+77.07 "PR-A" =
P.I. Sta. 3+00.00 "S-1-A"

POT Sta. 6+00.00 "S-1-A" =
OPOT Sta. 18+68.48 "PR-S-1-A", 0.46' LT.

MATCH LINE STA. 18+75 "PR-S-1-A"

STR NO. 80
See Line "PR-A"

STR NO. 82
See Line "PR-A"

STR NO. 81
See Line "PR-A"

STR NO. 83A
See Line "PR-A"

STR NO. 83
See Line "PR-A"

+25.0 STR NO. 95A
18-in. Catch Basin &
17 ft of 18-in. Pipe Req'd.

+25.0 STR NO. 95
Mod. Manhole Type J-15 &
54 ft of 18-in. Pipe Req'd.

+10.0 STR NO. 88
Mod. Manhole Type J-15 &
70 ft of 12-in. Pipe Req'd.

+86.0 STR NO. 91
Mod. Manhole Type J-15 &
33 ft of 15-in. Pipe Req'd.

+10.0 STR NO. 85
Inlet Type C-15 &
96 ft of 12-in. Pipe Req'd.

+45.6 "PR-A" STR NO. 97A
Manhole Type D4 &
46 ft of 18-in. Pipe Req'd.

+37.0 STR NO. 97
Inlet Type B-15 &
9 ft of 12-in. Pipe Req'd.

+66.0 STR NO. 100
Exist. San. Manhole
Adjust to Grade

+71.0 STR NO. 101
Manhole Type C4 &
159 ft of 24-in. Pipe Req'd.

+86.0 STR NO. 92
Inlet Type B-15 &
31 ft of 15-in. Pipe Req'd.

+10.0 STR NO. 85A
Inlet Type B-15 &
23 ft of 12-in. Pipe Req'd.
+39 RT. Cl. I Drive Req'd.
W=13.0', L=21.3'

+37.0 STR NO. 98
Inlet Type B-15 &
15 ft of 12-in. Pipe Req'd.

+27 RT. Mod. Cl. I Drive Req'd.
W=18.9', L=23.0'

+52 RT. Mod. Cl. I Drive Req'd.
W=20.5', L=40.0'

STR NO. 96
See Line "PR-A"

STR NO. 107
See Line "PR-A"

+23.0 STR NO. 99
Manhole Type J4 &
243 ft of 24-in. Pipe Req'd.

Temp. R/W for Drive Const. and Yard Grading

Temp. R/W for Grading TEMP. R/W

Temp. R/W for Drive Const.

Temp. R/W for Grading

Temp. R/W for Drive Const.

Do Not Disturb Brick Wall

Incidental Construction

Const. Limits

22' R/W Ex. Fence Const. Limits

KLERNER LANE

MT. TABOR ROAD

JANET L. APPLEGATE

DONALD E. COPPLE, JR. ET UX.

ROBERT F. BRADFORD

PLAT OF THE LAND OF MARION F. SCHICK

KELLY ELIZABETH FEIOCK

THE PATRICK CASSIN BURKE TRUST

+82.9, 19.1' Pwp. w/Tel.
+84.8, 15.2' Mailbox 1830
+86.0, 15.3' Bush
+86.7, 60.3' Flagpole

+27.2, 51.0' Pvt. Lamp Post
+28.2, 27.7' Bush
+35.8, 29.9' Bush

+48.7, 30.5' Bush

+59.1, 30.9' Bush

+69.4, 30.0' Bush
+74.6, 25.5' Water Meter

+85.9, 80.7' Bush
+86.1, 69.7' Bush
+95.9, 13.9' Mailbox 1832
+00.5, 46.5' Bush

+25.1, 98.3' Bush
+26.1, 38.6' 10" Holly

+31.7, 19.1' Tfp.
+32.5, 21.3' Pwp.

+71.9, 24.3' Water Meter
+73.4, 60.3' Cherry
+81.0, 29.6' Water Meter

+02.1, 77.3' Pear

+29.7, 17.0' 15" Hdpe
+29.7, 18.8' 15" Mailbox 1834
+32.5, 17.0' Found Monument #5 Spc Moffett

+63.9, 54.5' 15" Walnut
+66.5, 19.3' 12" Cmp
+66.5, 20.4' 12" Hdwl.
+66.4, 17.1' 12" Hdwl.

+61.0, 15.2' Mailbox No Number

+73.4, 28.5' Guy Anchor
+73.5, 27.4' Guy Anchor

+05.8, 20.9' Pwp.

+16.8, 21.0' Guy Anchor

+30.0, 26.2' Sign Street Sign
+32.6, 22.7' Storm MH
+34.8, 24.5' Catch Basin

+51.3, 13.4' Water Valve

+58.4, 27.0' Water Valve
+66.6, 6.3' Found Monument Rdg
+70.1, 4.3' Sanitary MH
+82.8, 41.9' Stop Sign

+84.1, 38.8' Pwp.
+84.8, 42.3' Guy Anchor
+85.3, 88.1' Water Meter

+91.5, 48.1' Cedar
+92.2, 73.4' Walnut
+92.7, 37.0' Cedar
+93.8, 58.5' Walnut
+93.7, 23.2' Pwp.
+94.2, 33.3' Cedar

+12.7, 33.6' Cedar
+13.0, 45.7' Maple
+13.2, 87.6' Clean Out 4"
+13.1, 34.0' Cedar
+13.3, 31.6' Cedar
+13.8, 32.2' Cedar
+56.0, 32.2' Cedar

+70.0, 30.8' Cedar
+73.5, 54.0' Maple

+98.1, 26.2' Cedar

+11.5, 29.4' Pwp.
+12.5, 20.6' Sign, Sr 21 30
+19.3, 26.4' Found Monument 5/8" Pin
+20.1, 20.0' Pwp.
+33.3, 67.0' Willow
+42.6, 45.5' Maple

+72.5, 23.0' Water Meter

+75.8, 57.2' Maple

+06.1, 64.0' Light Std. Electric
+07.3, 15.7' Bush

+36.0, 26.1' Found Monument 1/2" Pin
+61.5, 57.6' Gas Meter
+62.4, 45.4' 4" Cherry
+66.0, 13.4' Mailbox
+72.5, 53.5' Cleanout

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-S-1-A".
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-S-1-A" EXCEPT AS SHOWN.
LINE "PR-S-1-A" TO BE CONSTRUCTED.

N. 123153.2113 E. 639475.3455
MAG NAIL IN POWER POLE
MAG NAIL IN POWER POLE
FIRE HYDRANT
STOP SIGN
CNTRL PT #44 – REBAR

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

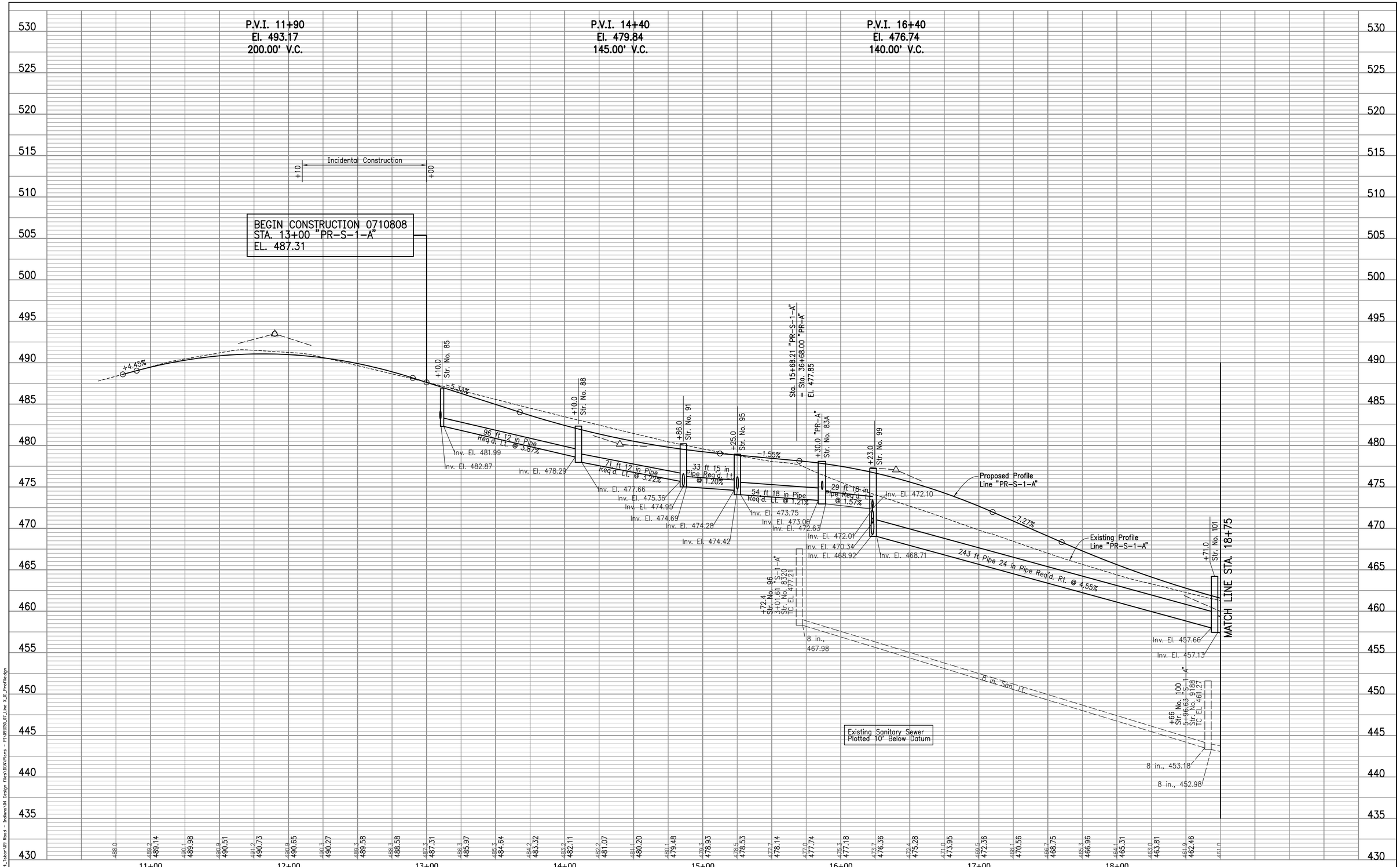
DESIGNED: MSM | DRAWN: JJP/MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
BEGIN TO 18+75 "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	53 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 5:53:15 PM | P:\V09050_MT_Tabor\09 Road - Indiana\04 Design Files\3D\V\Plans - P\V09050_07_Line X_01_Plan.dgn



RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017 DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 30' / BRIDGE FILE N.A.
DESIGNED: MSM	DRAWN: MAB	PROFILE	VERTICAL SCALE 1" = 5' / DESIGNATION NO. 0710808
CHECKED: AJS	CHECKED: MSM	BEGIN TO 18+00 "PR-S-1-A"	SURVEY BOOK ELECTRONIC / SHEETS 54 of 146
			CONTRACT R-33319 / PROJECT NO. 0710808

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

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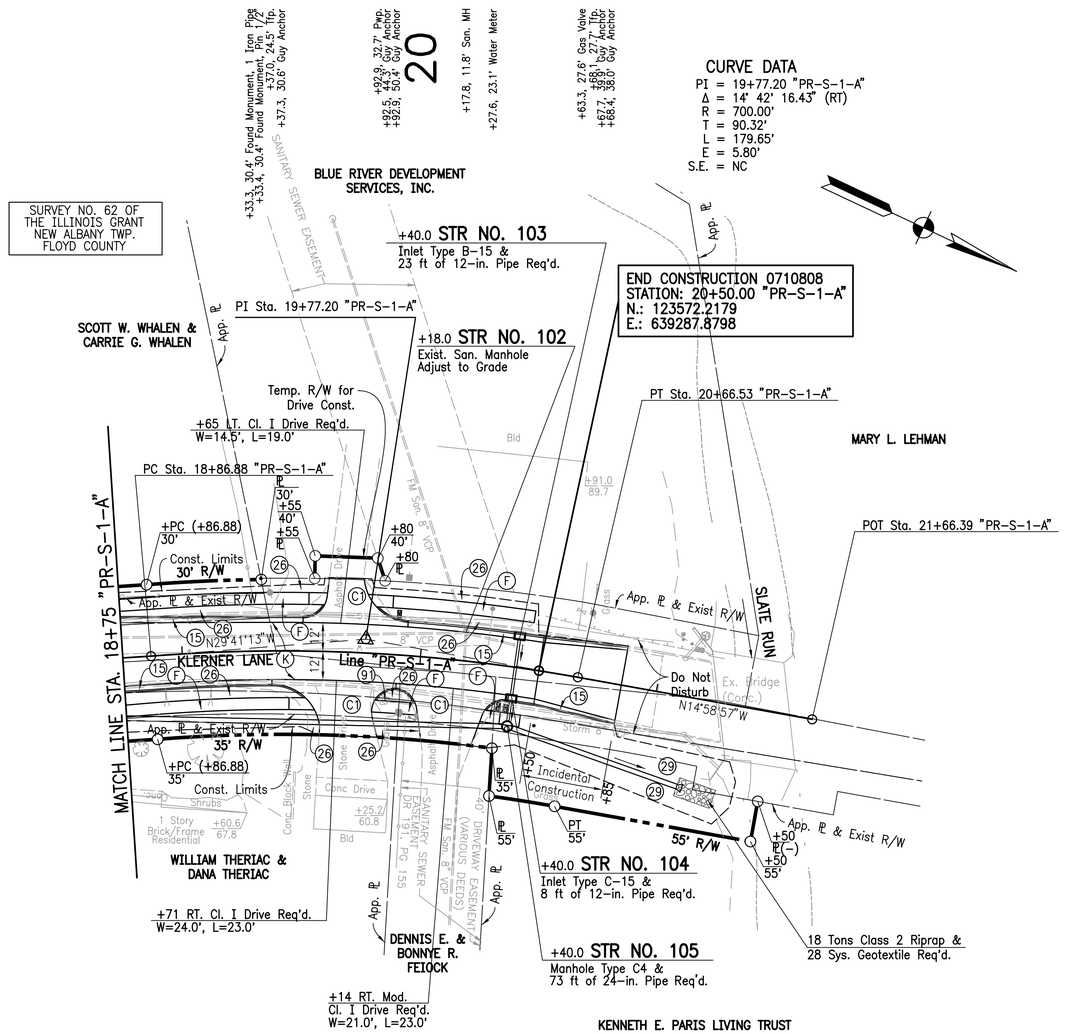
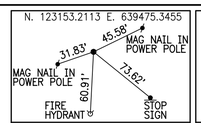


FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-S-1-A". ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-S-1-A" EXCEPT AS SHOWN. LINE "PR-S-1-A" TO BE CONSTRUCTED.



CNTRL PT #44 – REBAR

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM DRAWN: JJP/MAB
CHECKED: AJS CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN
STA. 18+75 TO END "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	55 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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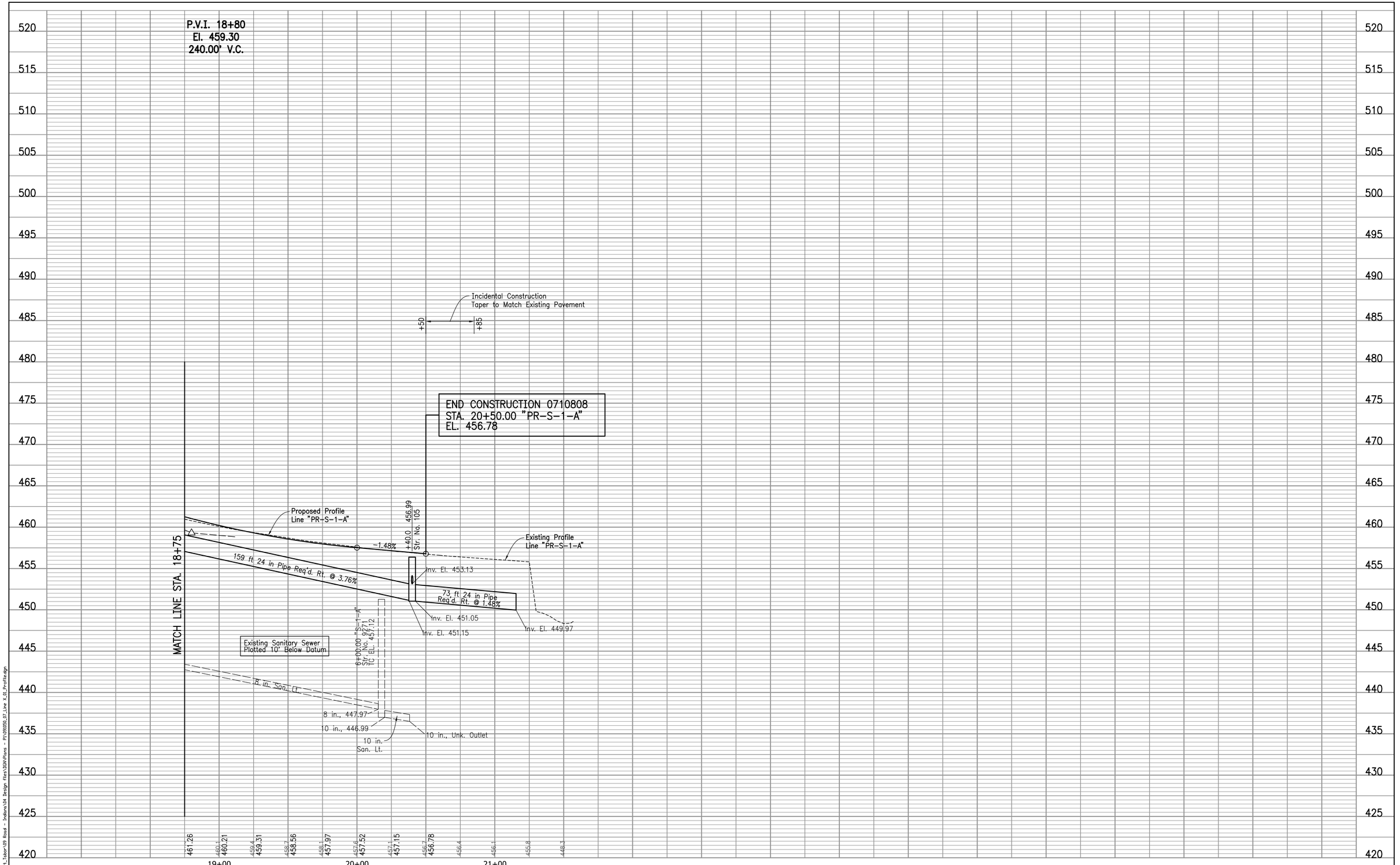

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RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

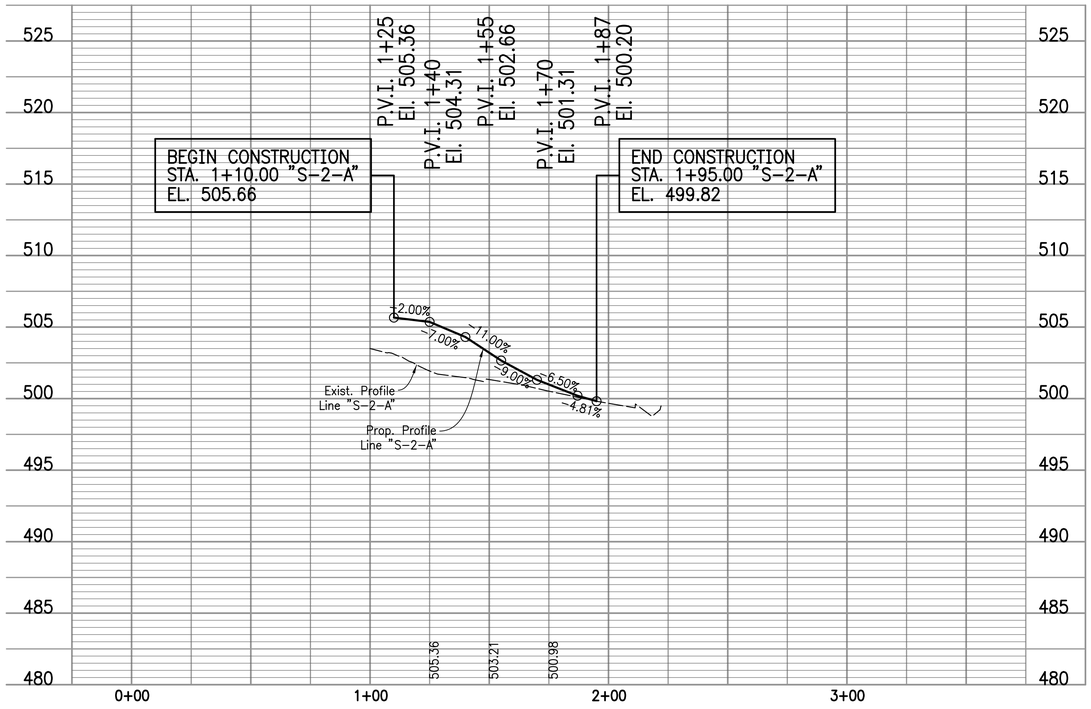
MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGNED: MSM | DRAWN: MAB
CHECKED: AJS | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 18+00 TO END "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	56 of 146
CONTRACT	PROJECT NO.
R-33319	0710808



WEST OAKWOOD DRIVE

MONTE S. MILDENBERG
REGISTERED
No.
PE60880378
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: MSM DRAWN: MAB
CHECKED: AJS CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE
LINES "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	57 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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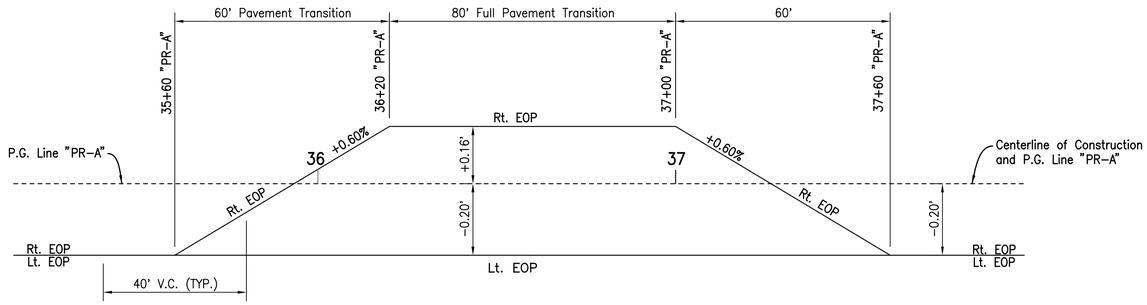


LINE "PR-A"
PAVEMENT TRANSITION
STA. 35+60.00 "PR-A" TO STA. 37+60.00 "PR-A"

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

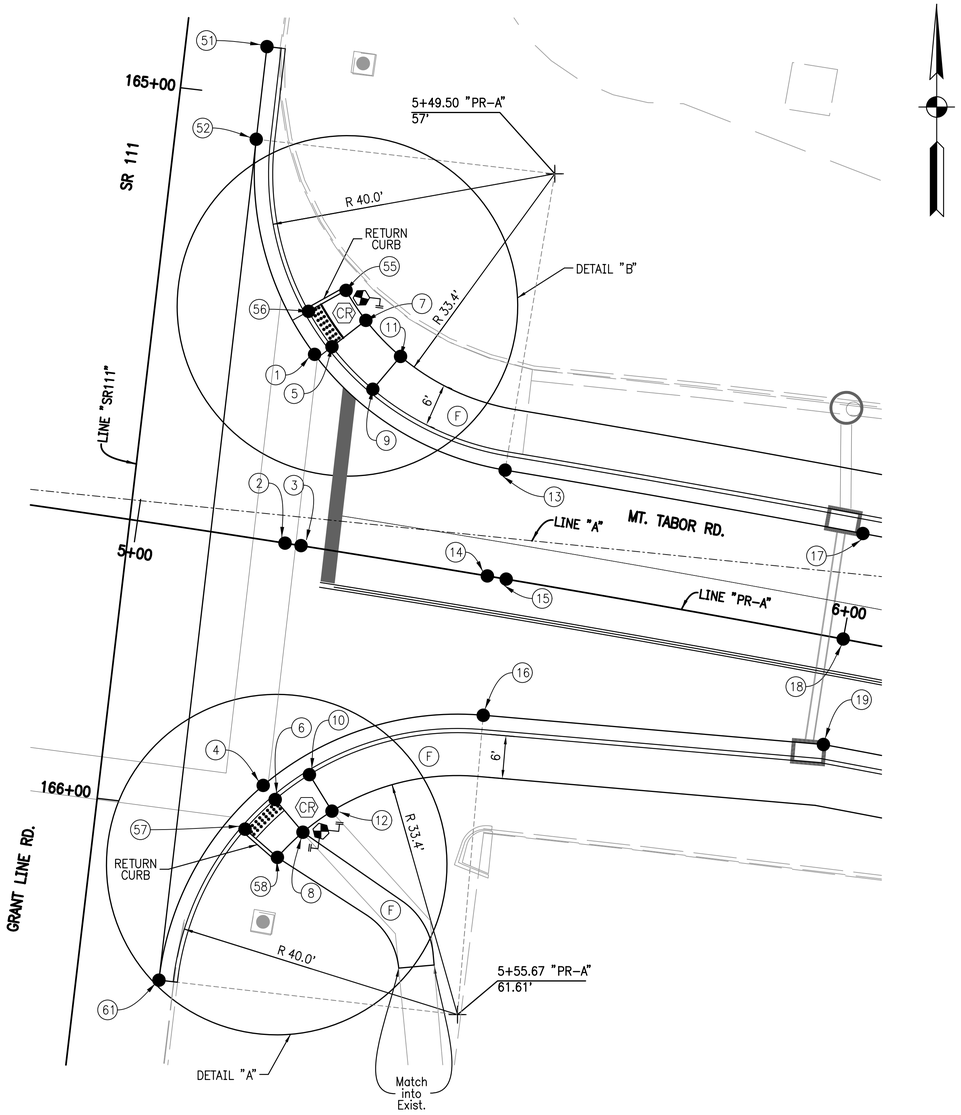
SUPER ELEVATION DIAGRAM

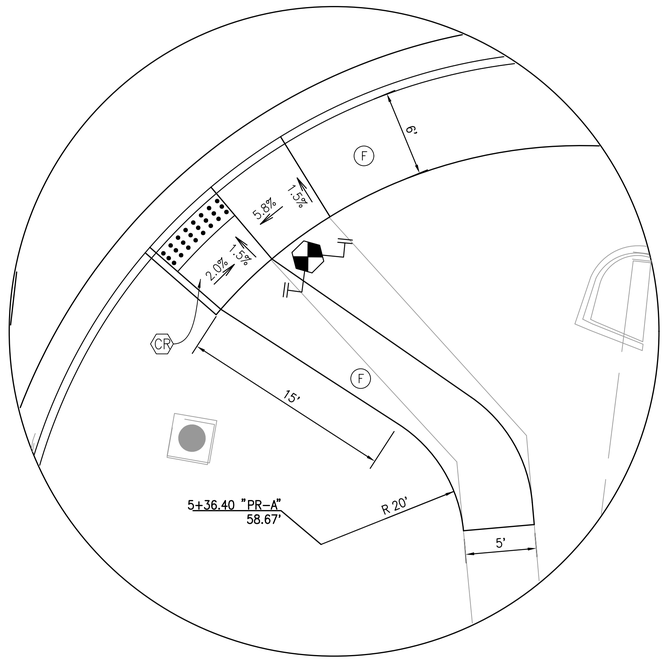
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	58 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 1 5:52:28 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_09_Sht Super_01.dgn

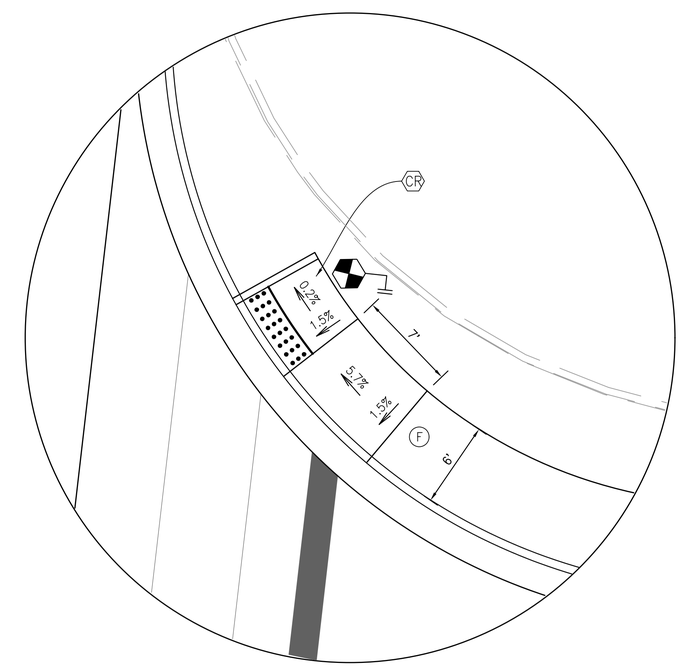
Point	Line	Station	Offset		Elevation
1	"PR-A"	5+20.85	26.7	Lt	492.36
2	"PR-A"	5+20.85	0.0	CL	492.89
3	"PR-A"	5+23.12	0.0	CL	492.85
4	"PR-A"	5+23.12	33.9	Rt	493.19
5	"PR-A"	5+23.06	28.1	Lt	492.32
6	"PR-A"	5+30.73	30.3	Rt	493.15
7	"PR-A"	5+27.12	32.5	Lt	492.41
8	"PR-A"	5+34.50	35.0	Rt	493.24
9	"PR-A"	5+29.57	23.2	Lt	492.79
10	"PR-A"	5+36.54	26.5	Rt	493.50
11	"PR-A"	5+32.64	28.3	Lt	492.88
12	"PR-A"	5+39.42	31.8	Rt	493.59
13	"PR-A"	5+49.50	15.0	Lt	491.99
14	"PR-A"	5+49.50	0.0	CL	492.29
15	"PR-A"	5+52.17	0.0	CL	492.22
16	"PR-A"	5+52.17	19.3	Rt	492.32
17	"PR-A"	6+00.00	15.0	Lt	489.94
18	"PR-A"	6+00.00	0.0	CL	490.24
19	"PR-A"	6+00.00	15.0	Rt	489.94

Point	Line	Station	Offset		Elevation
51	"SR111"	164+92.89	11.3	Lt	490.27
52	"SR111"	165+05.92	11.4	Lt	490.85
55	"SR111"	165+25.44	26.8	Lt	492.40
56	"SR111"	165+21.16	21.4	Lt	492.31
57	"SR111"	166+07.95	17.6	Lt	493.27
58	"SR111"	166+10.42	23.1	Lt	493.36
61	"SR111"	166+24.24	11.5	Lt	496.17





DETAIL "A"
Scale: 1"=5'



DETAIL "B"
Scale: 1"=5'

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.
2. For Signal details See Signal plan sheet.

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAIL
GRANT LINE RD./SR 111 & MT. TABOR RD.

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	59 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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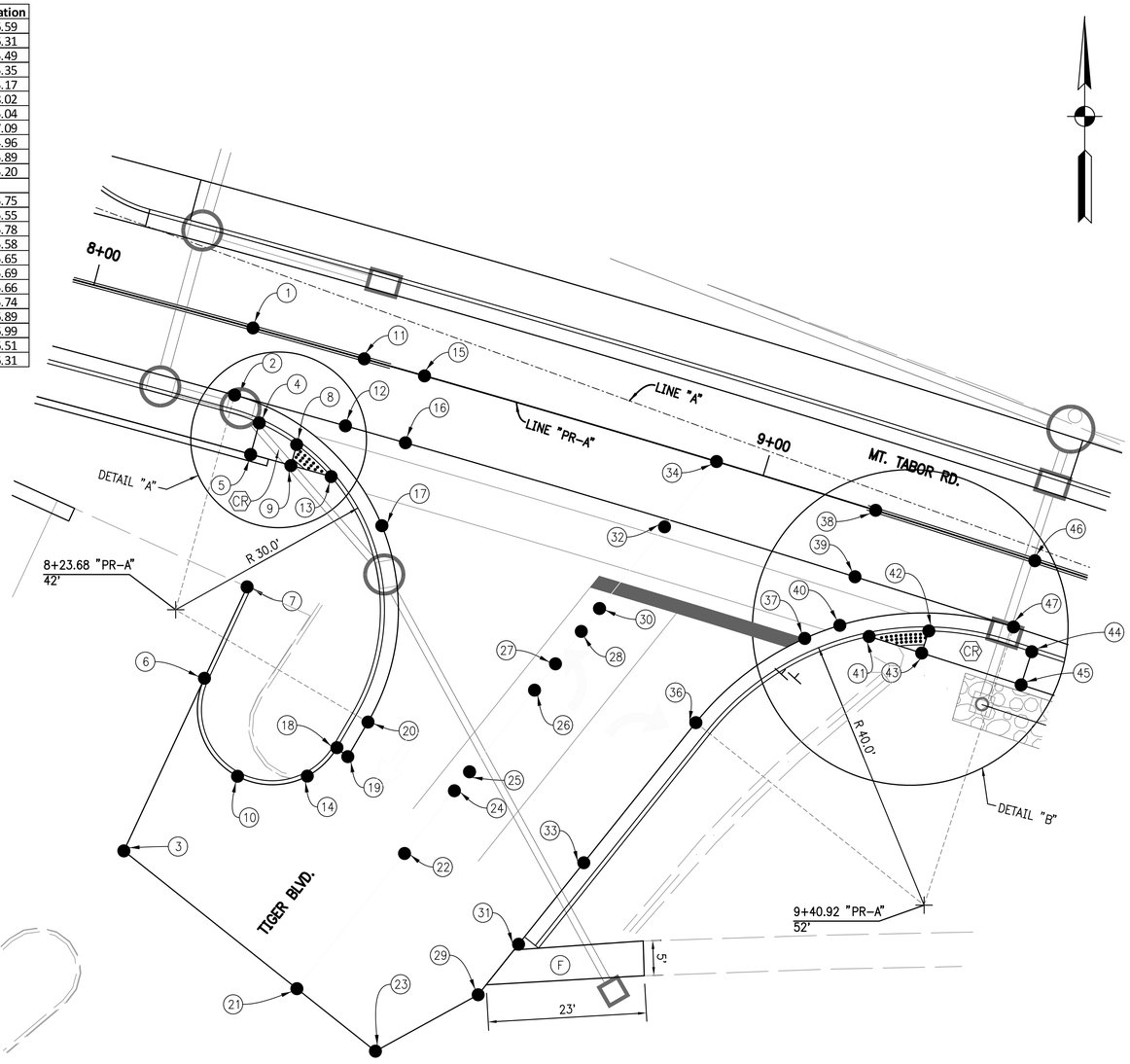
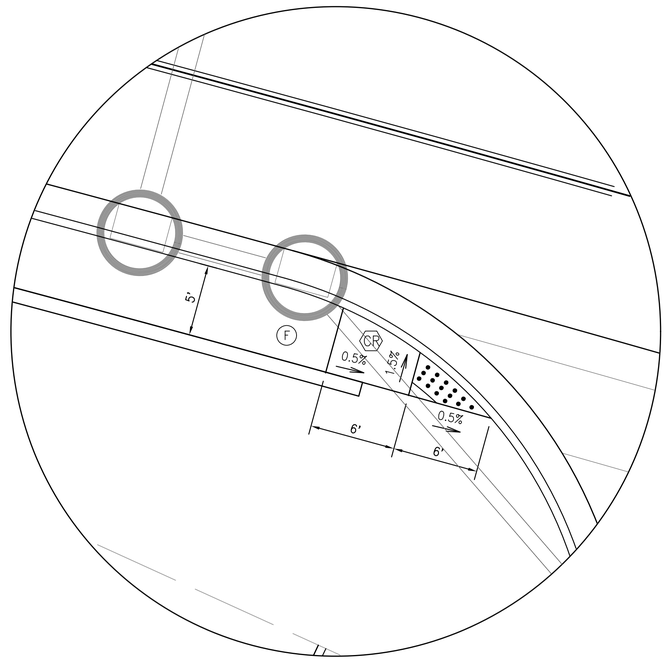
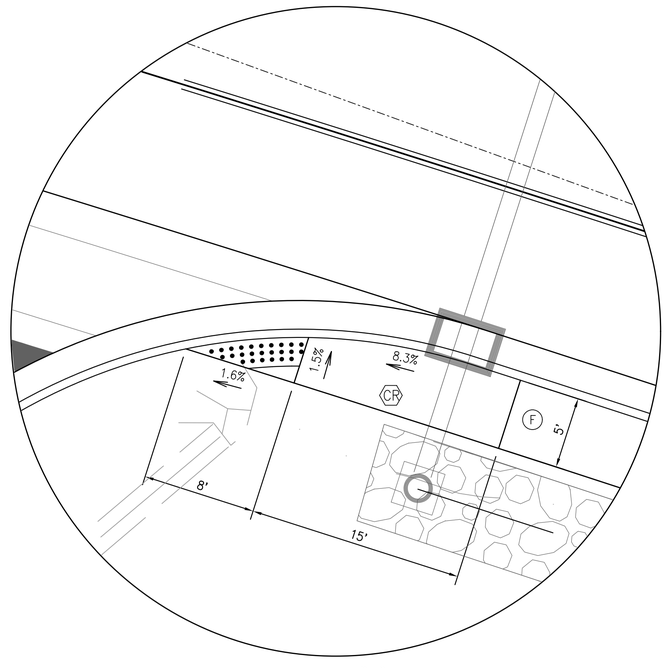
Point	Line	Station	Offset		Elevation
1	"PR-A"	8+23.68	0.0	CL	484.36
2	"PR-A"	8+23.68	10.0	Rt	484.16
3	"PR-A"	8+25.71	77.4	Rt	490.46
4	"PR-A"	8+28.18	12.9	Rt	484.62
5	"PR-A"	8+28.18	17.6	Rt	484.69
6	"PR-A"	8+30.39	50.4	Rt	490.22
7	"PR-A"	8+32.82	36.1	Rt	489.78
8	"PR-A"	8+34.21	14.5	Rt	484.62
9	"PR-A"	8+34.21	17.6	Rt	484.66
10	"PR-A"	8+38.93	62.7	Rt	488.47
11	"PR-A"	8+40.27	0.0	CL	484.45
12	"PR-A"	8+40.27	10.0	Rt	484.25
13	"PR-A"	8+40.27	17.6	Rt	484.63
14	"PR-A"	8+48.79	59.9	Rt	487.35
15	"PR-A"	8+49.26	0.0	CL	484.52
16	"PR-A"	8+49.26	10.0	Rt	484.32
17	"PR-A"	8+49.26	22.4	Rt	485.03
18	"PR-A"	8+51.83	54.8	Rt	486.71
19	"PR-A"	8+53.73	55.7	Rt	486.75
20	"PR-A"	8+55.18	50.1	Rt	486.27
21	"PR-A"	8+55.95	89.7	Rt	490.05
22	"PR-A"	8+65.69	66.8	Rt	487.51
23	"PR-A"	8+69.76	95.2	Rt	489.76

Point	Line	Station	Offset		Elevation
24	"PR-A"	8+70.15	56.1	Rt	486.59
25	"PR-A"	8+71.49	52.9	Rt	486.31
26	"PR-A"	8+77.23	39.0	Rt	485.49
27	"PR-A"	8+79.07	34.5	Rt	485.35
28	"PR-A"	8+81.33	29.0	Rt	485.17
29	"PR-A"	8+82.03	83.3	Rt	488.02
30	"PR-A"	8+82.92	25.1	Rt	485.04
31	"PR-A"	8+85.63	74.6	Rt	487.09
32	"PR-A"	8+88.54	11.2	Rt	484.96
33	"PR-A"	8+91.38	60.7	Rt	485.89
34	"PR-A"	8+93.00	0.0	CL	485.20
36	"PR-A"	9+01.12	36.8	Rt	485.75
37	"PR-A"	9+12.64	20.6	Rt	485.55
38	"PR-A"	9+16.92	0.0	CL	485.78
39	"PR-A"	9+16.92	10.0	Rt	485.58
40	"PR-A"	9+16.92	17.3	Rt	485.65
41	"PR-A"	9+23.39	16.6	Rt	485.69
42	"PR-A"	9+29.44	14.3	Rt	485.66
43	"PR-A"	9+29.44	16.6	Rt	485.74
44	"PR-A"	9+44.52	12.6	Rt	486.89
45	"PR-A"	9+44.52	17.6	Rt	486.99
46	"PR-A"	9+40.92	0.0	CL	486.51
47	"PR-A"	9+40.92	10.0	Rt	486.31





DETAIL "A"
Scale: 1"=5'



DETAIL "B"
Scale: 1"=5'

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP

CHECKED: MSM | CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAIL
TIGER BLVD. & MT. TABOR RD.

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	60 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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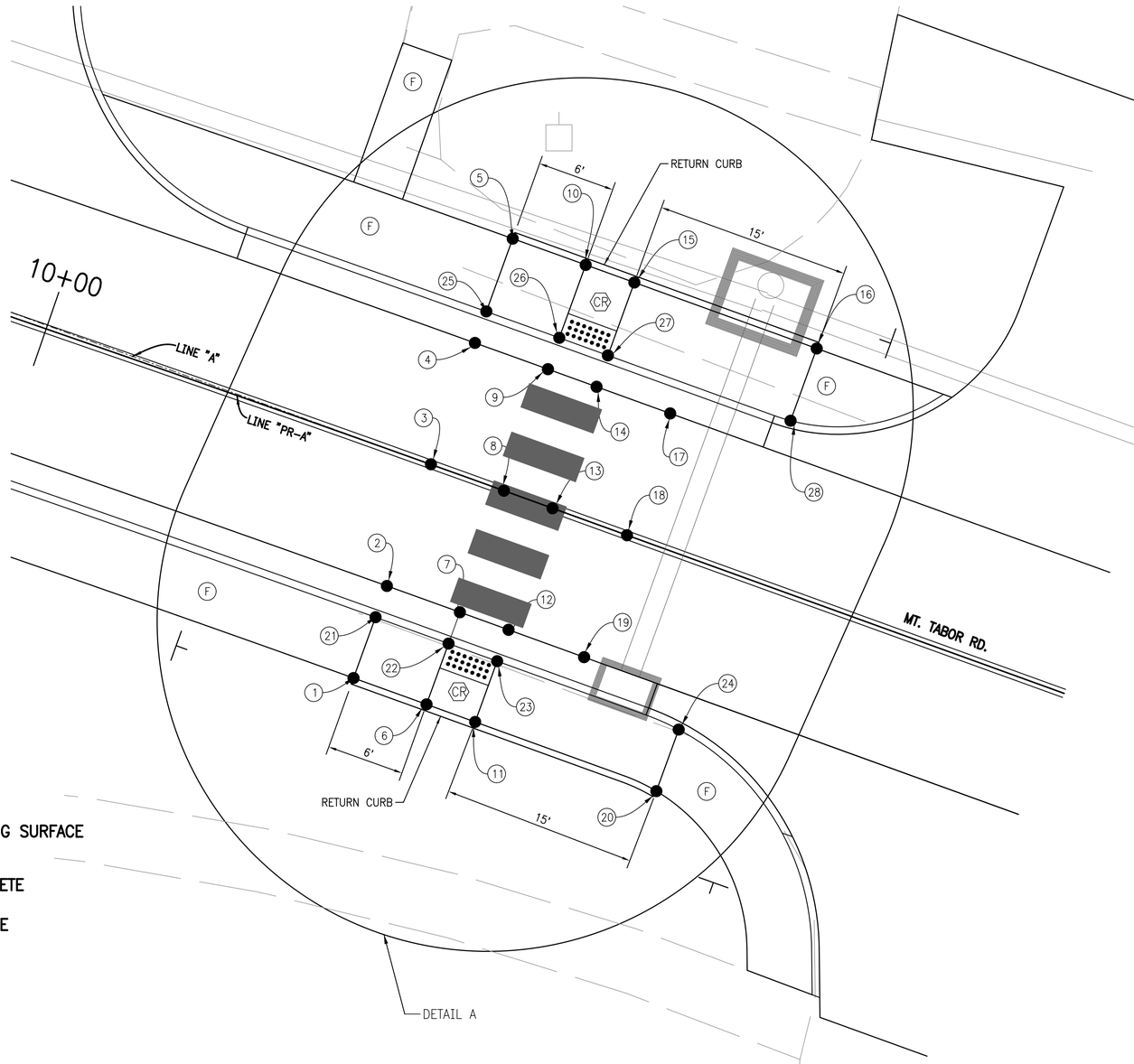
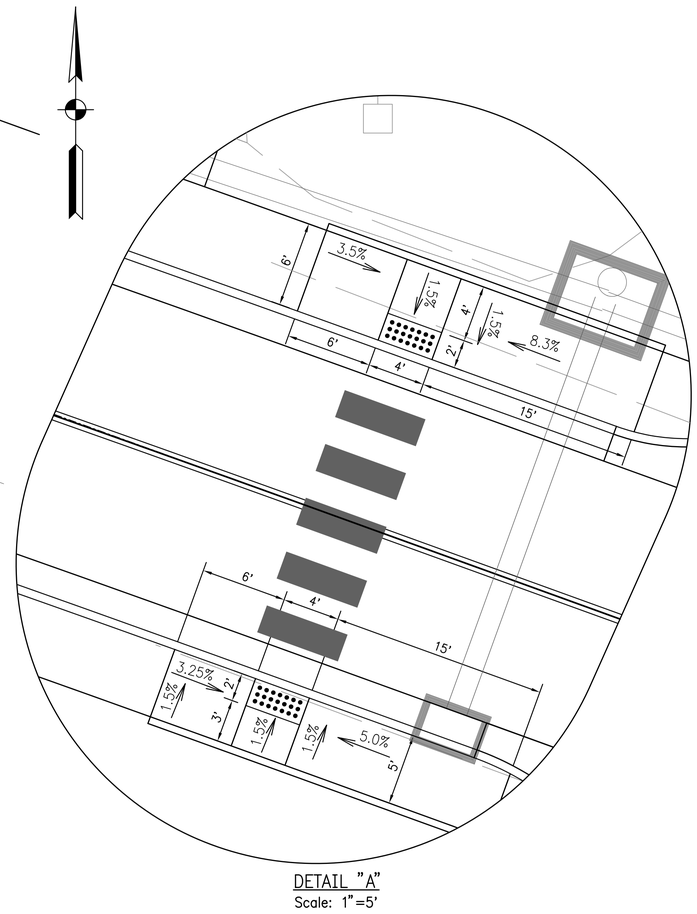
Jacket

Point	Line	Station	Offset		Elevation
1	"PR-A"	10+31.50	17.6	Rt	490.85
2	"PR-A"	10+31.52	10.0	Rt	490.31
3	"PR-A"	10+31.55	0.0	CL	490.52
4	"PR-A"	10+31.57	10.0	Lt	490.32
5	"PR-A"	10+31.60	18.6	Lt	490.87
6	"PR-A"	10+37.54	17.6	Rt	490.65
7	"PR-A"	10+37.54	10.0	Rt	490.61
8	"PR-A"	10+37.55	0.0	CL	490.81
9	"PR-A"	10+37.55	10.0	Lt	490.61
10	"PR-A"	10+37.56	18.6	Lt	490.66
11	"PR-A"	10+25.48	32.6	Rt	490.74
12	"PR-A"	10+44.00	10.0	Rt	490.81
13	"PR-A"	10+44.00	0.0	CL	491.01
14	"PR-A"	10+44.00	10.0	Lt	490.81
15	"PR-A"	10+44.00	18.6	Lt	490.86
16	"PR-A"	10+59.00	18.6	Lt	492.11
17	"PR-A"	10+50.06	10.0	Lt	491.11
18	"PR-A"	10+50.12	0.0	CL	491.31
19	"PR-A"	10+50.22	10.0	Rt	491.11
20	"PR-A"	10+59.00	17.9	Rt	491.59
21	"PR-A"	10+31.51	12.6	Rt	490.77
22	"PR-A"	10+37.54	12.6	Rt	490.57
23	"PR-A"	10+44.00	12.6	Rt	490.77
24	"PR-A"	10+58.00	12.6	Rt	491.52
25	"PR-A"	10+31.58	12.6	Lt	490.78
26	"PR-A"	10+37.54	12.6	Lt	490.57
27	"PR-A"	10+44.00	12.6	Lt	490.77
28	"PR-A"	10+58.00	12.6	Lt	492.02





DETAIL "A"
Scale: 1"=5'

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

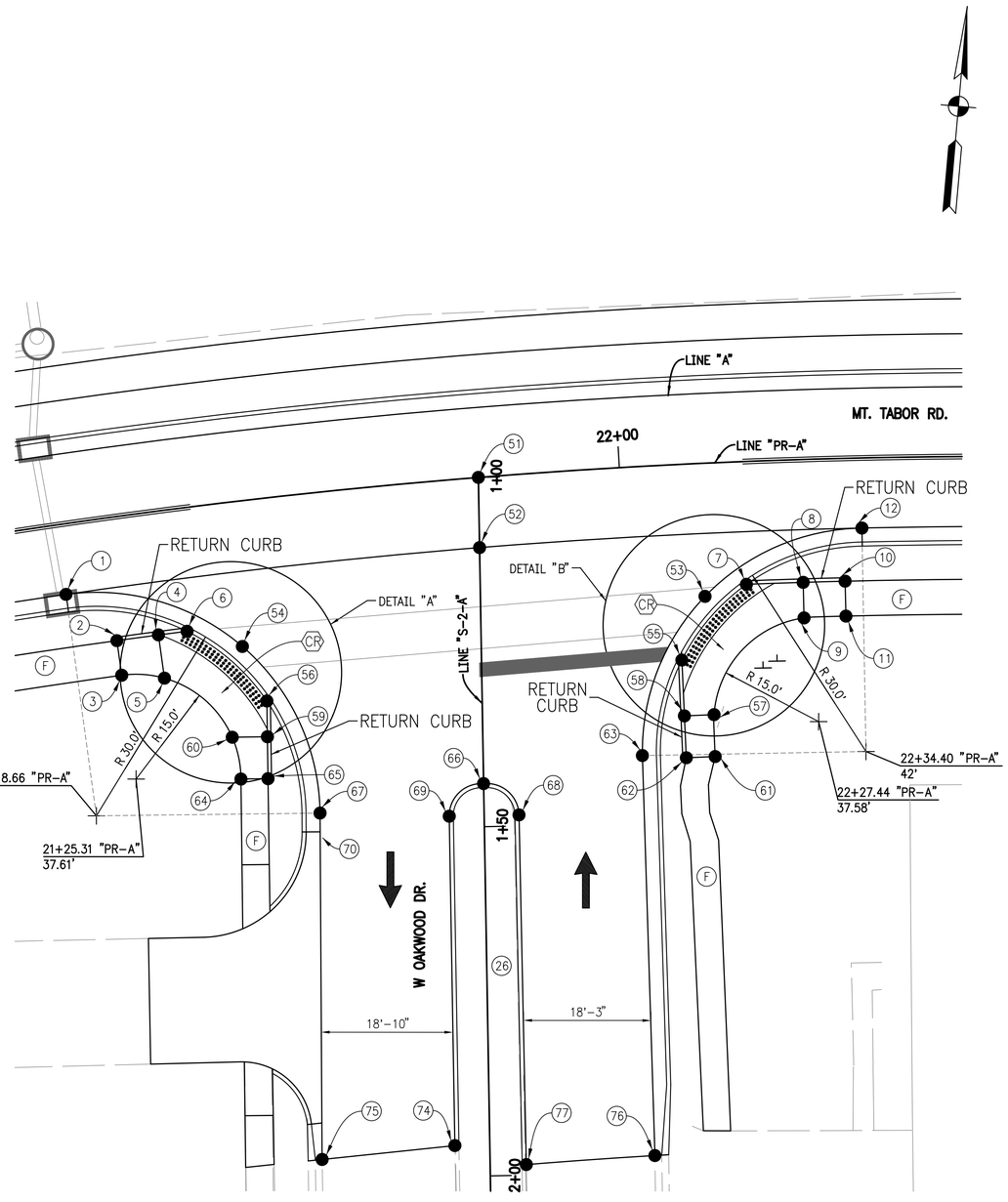
SPOT ELEVATION DETAIL
MT. TABOR RD. MID-BLOCK CROSSING

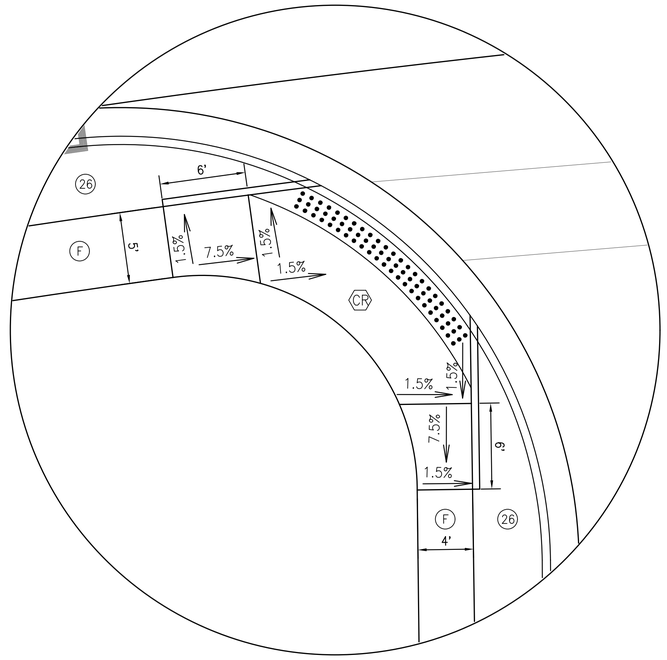
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	61 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

jpatel 10/30/2017 1:55:24 PM I:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_10_Spot Elev_01.dgn

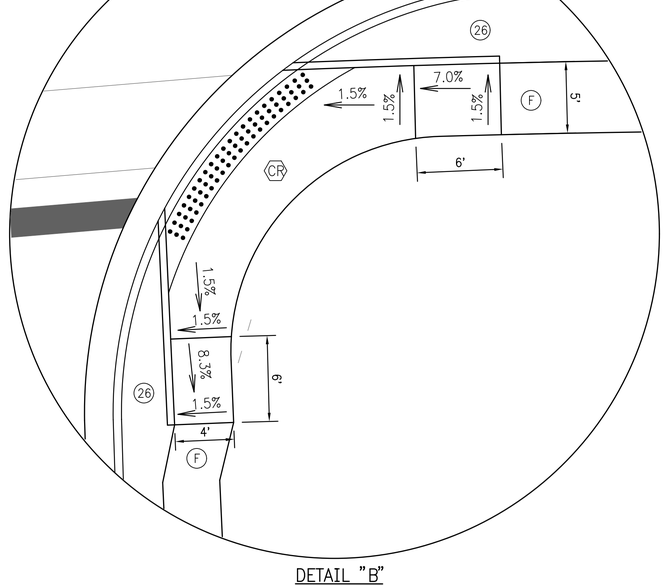
Point	Line	Station	Offset		Elevation
1	"PR-A"	21+18.94	10.0	Rt	505.57
2	"PR-A"	21+25.31	17.6	Rt	505.66
3	"PR-A"	21+25.31	22.6	Rt	505.74
4	"PR-A"	21+30.31	17.6	Rt	505.21
5	"PR-A"	21+30.31	23.4	Rt	505.29
6	"PR-A"	21+35.63	17.6	Rt	505.15
7	"PR-A"	22+17.50	17.6	Rt	505.17
8	"PR-A"	22.26.80	17.6	Rt	505.29
9	"PR-A"	22+26.80	23.2	Rt	505.38
10	"PR-A"	22+31.90	17.6	Rt	505.47
11	"PR-A"	22+31.90	22.6	Rt	505.55
12	"PR-A"	22+34.52	10.0	Rt	505.32

Point	Line	Station	Offset		Elevation
51	"S-2-A"	1+00.00	0.0	CL	505.86
52	"S-2-A"	1+10.00	0.0	CL	505.66
53	"S-2-A"	1+17.58	32.1	Lt	505.19
54	"S-2-A"	1+23.62	34.2	Rt	505.05
55	"S-2-A"	1+26.64	28.7	Lt	504.95
56	"S-2-A"	1+31.48	30.8	Rt	504.92
57	"S-2-A"	1+35.54	33.1	Lt	504.89
58	"S-2-A"	1+35.64	29.0	Lt	504.83
59	"S-2-A"	1+37.60	30.8	Rt	504.85
60	"S-2-A"	1+37.60	34.8	Rt	804.92
61	"S-2-A"	1+40.53	33.1	Lt	504.39
62	"S-2-A"	1+40.64	29.0	Lt	504.33
63	"S-2-A"	1+40.82	25.4	Lt	503.67
64	"S-2-A"	1+42.60	34.8	Rt	504.40
65	"S-2-A"	1+42.60	30.8	Rt	504.32
66	"S-2-A"	1+43.83	0.0	CL	503.89
67	"S-2-A"	1+47.65	23.5	Rt	503.00
68	"S-2-A"	1+48.40	5.0	Lt	503.29
69	"S-2-A"	1+48.40	5.0	Rt	503.29
70	"S-2-A"	1+50.34	23.5	Rt	502.70
71	"S-2-A"	1+65.00	24.0	Rt	499.48
72	"S-2-A"	1+83.17	5.0	Rt	499.70
73	"S-2-A"	1+92.01	24.0	Rt	499.27
74	"S-2-A"	1+97.24	23.6	Lt	499.62
75	"S-2-A"	1+98.47	5.0	Lt	499.28
76	"S-2-A"	1+97.49	23.6	Lt	499.28
77	"S-2-A"	1+98.47	5.0	Lt	499.62





DETAIL "A"
Scale: 1"=5'



DETAIL "B"
Scale: 1"=5'

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.

LEGEND:

- DETECTABLE WARNING SURFACE
- CR — CURB RAMP, CONCRETE
- F — SIDEWALK, CONCRETE
- 26 — SODDING, NURSERY

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

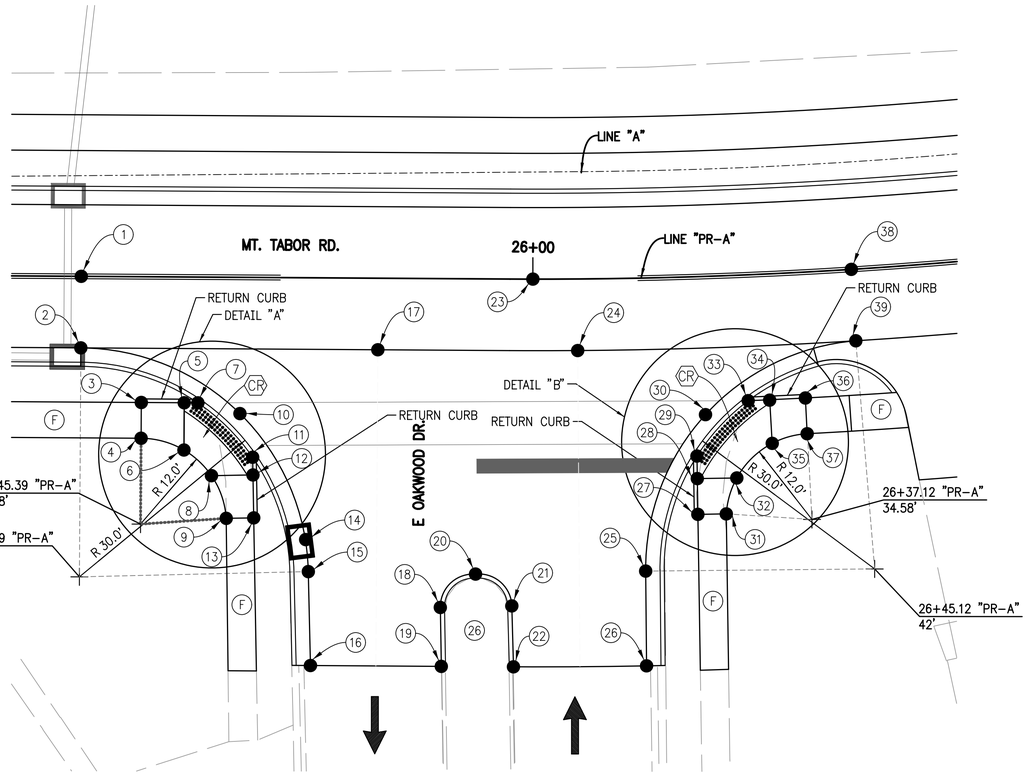
SPOT ELEVATION DETAIL
W OAKWOOD & MT. TABOR

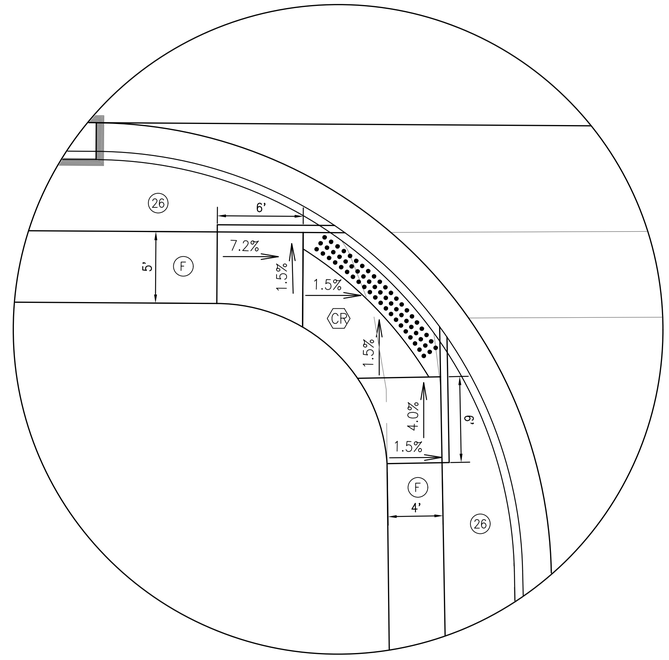
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	62 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

Jpatel | 10/30/2017 | 5:52:46 PM | P:\V91050_Mt_Tabor-V9 Road - Indiana\04 Design Files\SDA\Plans - P1\V91050_10_Spot Elev_01.dgn

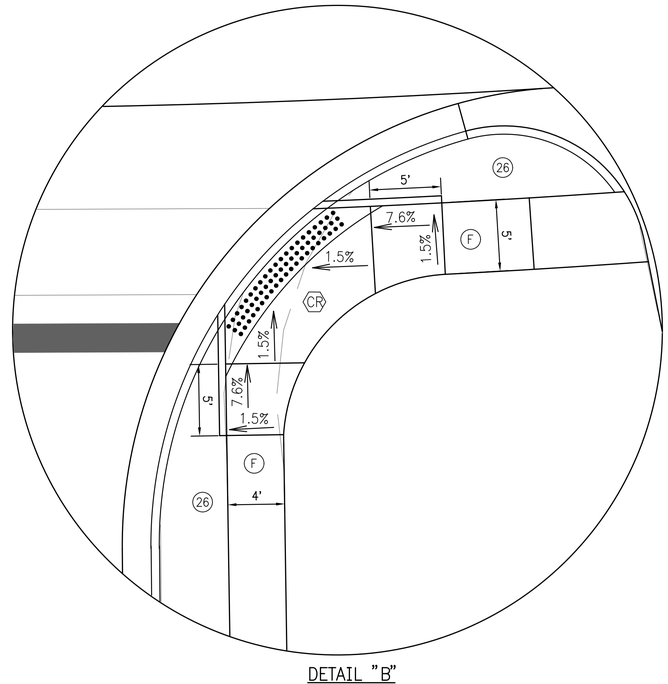
Point	Line	Station	Offset		Elevation
1	"PR-A"	25+36.89	0.0	CL	492.56
2	"PR-A"	25+36.89	10.0	Rt	492.36
3	"PR-A"	25+45.39	17.6	Rt	491.91
4	"PR-A"	25+45.39	22.6	Rt	491.99
5	"PR-A"	25+51.39	17.6	Rt	491.48
6	"PR-A"	25+51.39	24.2	Rt	491.58
7	"PR-A"	25+53.29	17.6	Rt	491.45
8	"PR-A"	25+55.25	27.8	Rt	491.34
9	"PR-A"	25+57.35	33.7	Rt	491.55
10	"PR-A"	25+29.18	19.1	Rt	491.24
11	"PR-A"	25+60.99	25.1	Rt	491.29
12	"PR-A"	25+61.05	27.6	Rt	491.25
13	"PR-A"	25+61.20	33.6	Rt	491.49
14	"PR-A"	25+68.47	36.6	Rt	490.54
15	"PR-A"	25+68.87	41.1	Rt	490.56
16	"PR-A"	25+69.25	54.2	Rt	490.63
17	"PR-A"	25+78.00	10.0	Rt	491.25
18	"PR-A"	25+87.35	46.0	Rt	490.95
19	"PR-A"	25+87.54	54.2	Rt	490.97
20	"PR-A"	25+92.24	41.3	Rt	490.50

Point	Line	Station	Offset		Elevation
21	"PR-A"	25+97.31	45.7	Rt	490.58
22	"PR-A"	25+97.57	54.2	Rt	490.84
23	"PR-A"	26+00.00	0.0	CL	490.84
24	"PR-A"	26+06.00	10.0	Rt	490.46
25	"PR-A"	26+14.94	41.0	Rt	490.06
26	"PR-A"	26+14.81	54.2	Rt	490.48
27	"PR-A"	26+22.05	33.2	Rt	490.26
28	"PR-A"	26+22.12	28.2	Rt	489.88
29	"PR-A"	26+22.17	25.1	Rt	489.84
30	"PR-A"	26+23.50	19.3	Rt	489.94
31	"PR-A"	26+25.84	33.3	Rt	490.32
32	"PR-A"	26+27.43	28.3	Rt	489.97
33	"PR-A"	26+29.38	17.6	Rt	489.68
34	"PR-A"	26+32.30	17.6	Rt	489.73
35	"PR-A"	26+32.39	23.7	Rt	489.82
36	"PR-A"	26+37.18	17.6	Rt	490.11
37	"PR-A"	26+37.18	22.6	Rt	490.18
38	"PR-A"	26+44.53	0.0	CL	489.45
39	"PR-A"	26+44.53	10.0	Rt	489.25





DETAIL "A"
Scale: 1"=5'



DETAIL "B"
Scale: 1"=5'

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

26 — SODDING, NURSERY

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP

CHECKED: MSM | CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAIL
E OAKWOOD & MT. TABOR

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	63 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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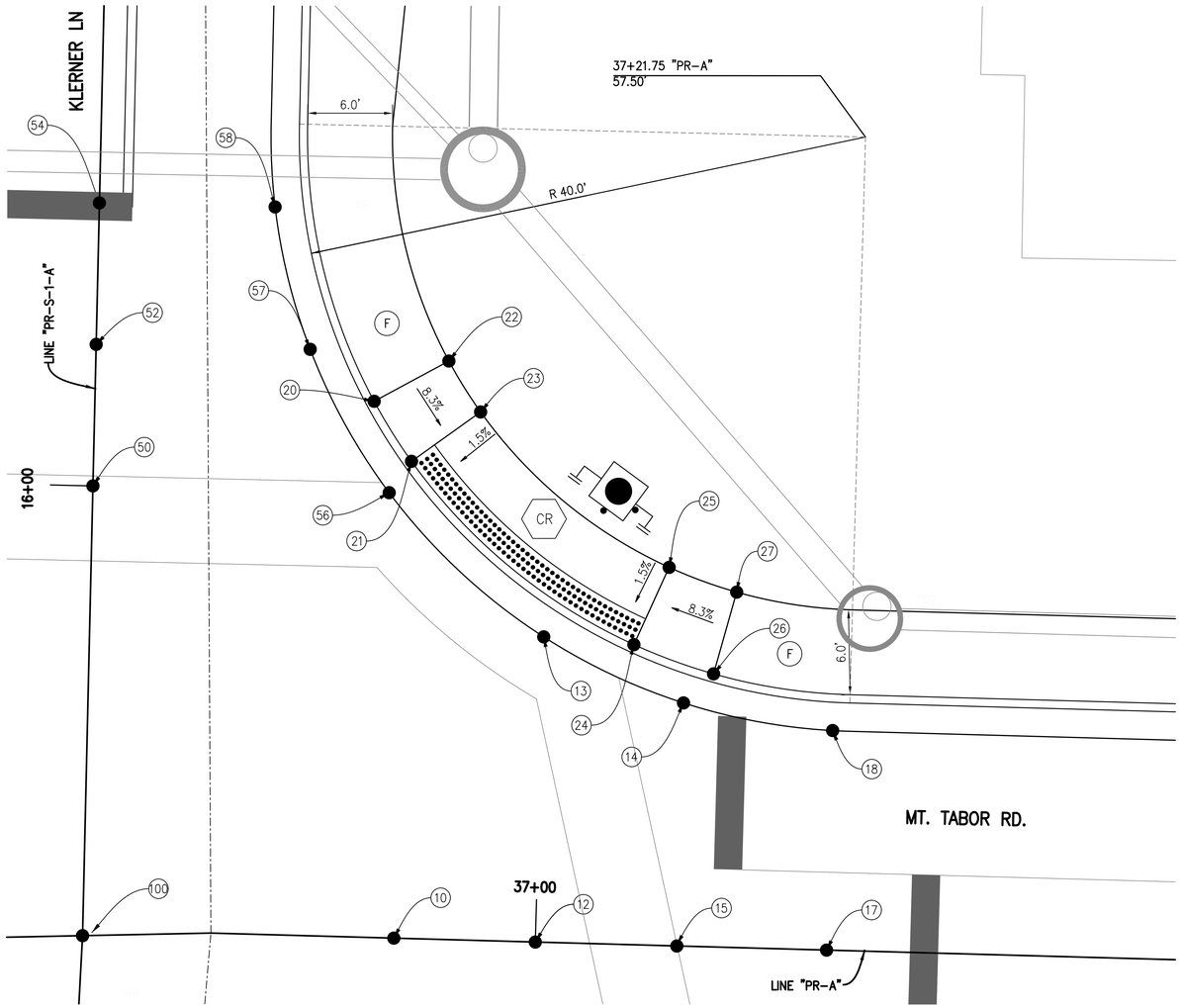

Point	Line	Station	Offset (ft)		Elevation
20	"PR-A"	36+87.60	37.9	Lt	477.19
10	"PR-A"	36+90.00	0.0	CL	477.65
21	"PR-A"	36+90.3	33.7	Lt	476.84
22	"PR-A"	36+92.8	40.9	Lt	477.28
23	"PR-A"	36+95.1	37.3	Lt	476.93
12	"PR-A"	37+00.00	0.0	CL	477.57
13	"PR-A"	37+00.00	22.0	Lt	477.19
24	"PR-A"	37+06.4	21.2	Lt	477.17
25	"PR-A"	37+08.7	26.7	Lt	477.26
15	"PR-A"	37+10.00	0.0	CL	477.50
14	"PR-A"	37+10.00	17.0	Lt	477.24
26	"PR-A"	37+12.1	19.3	Lt	477.67
27	"PR-A"	37+13.5	25.1	Lt	477.76
17	"PR-A"	37+20.00	0.0	CL	477.43
18	"PR-A"	37+20.00	15.5	Lt	477.20
100	"PR-A"	36+68.00	0	CL	477.85
50	"PR-S-1-A"	16+00.00	0.0	CL	477.18
56	"PR-S-1-A"	16+00.00	21.0	Rt	476.88
52	"PR-S-1-A"	16+10.00	0.0	CL	476.88
57	"PR-S-1-A"	16+10.00	15.0	Rt	476.58
54	"PR-S-1-A"	16+20.00	0.0	CL	476.54
58	"PR-S-1-A"	16+20.00	12.0	Rt	476.30

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.
2. For Signal details See Signal plan sheets

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAIL
KLERNER LN & MT. TABOR RD. (NE CORNER)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	64 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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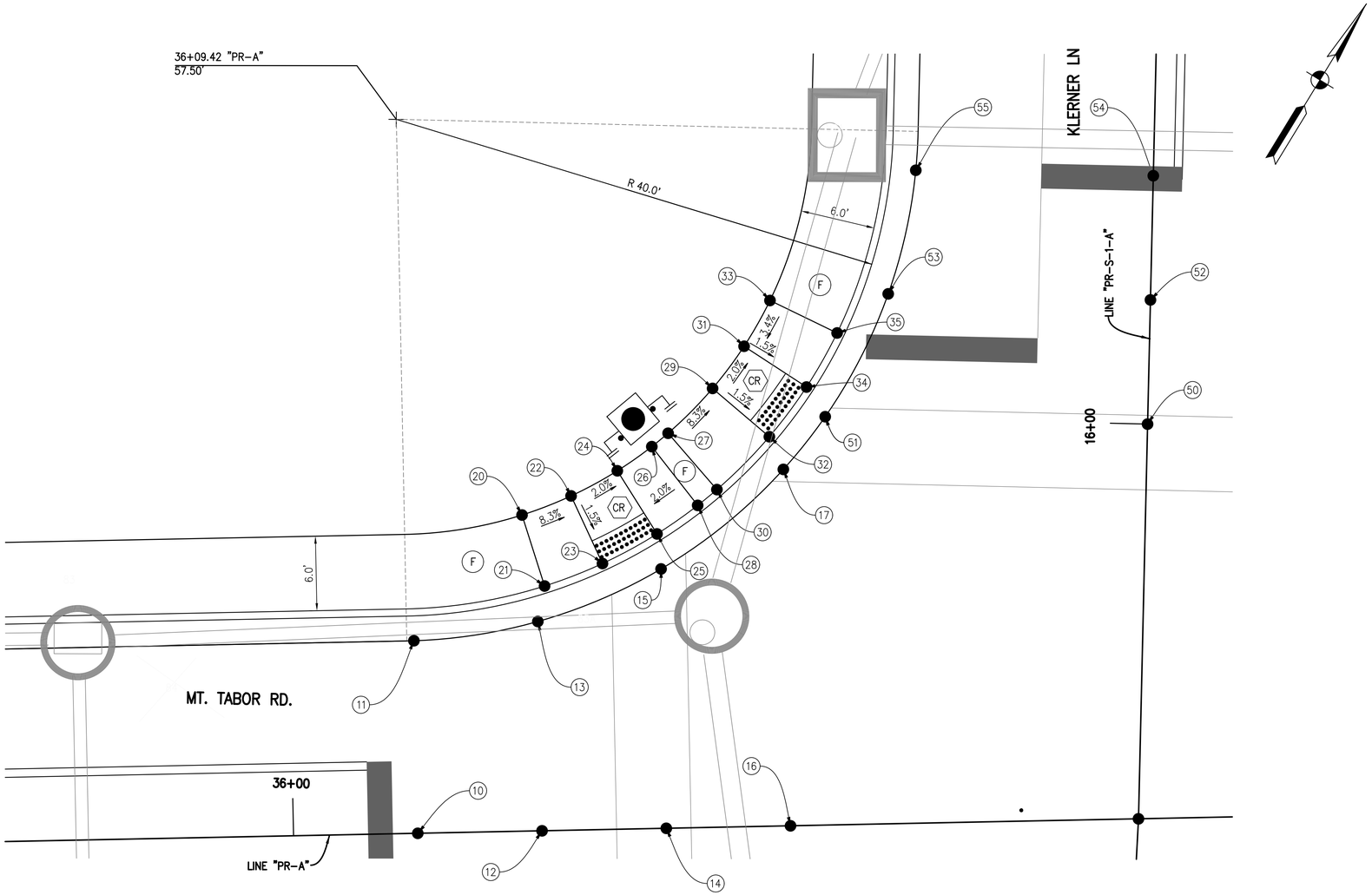

Point	Line	Station	Offset (ft)		Elevation
10	"PR-A"	36+10.00	0.0	CL	478.49
11	"PR-A"	36+10.00	15.5	Lt	478.18
20	"PR-A"	36+18.90	25.5	Lt	478.31
12	"PR-A"	36+20.00	0.0	CL	478.37
13	"PR-A"	36+20.00	17.0	Lt	478.00
21	"PR-A"	36+20.6	19.7	Lt	478.22
22	"PR-A"	36+22.9	26.9	Lt	477.89
23	"PR-A"	36+25.3	21.4	Lt	477.80
24	"PR-A"	36+26.6	28.9	Lt	477.79
25	"PR-A"	36+29.7	23.7	Lt	477.70
26	"PR-A"	36+29.5	30.7	Lt	477.87
14	"PR-A"	36+30.00	0.0	CL	478.25
15	"PR-A"	36+30.00	21.0	Lt	477.72
27	"PR-A"	36+30.8	31.8	Lt	477.78
28	"PR-A"	36+33.0	25.9	Lt	477.78
29	"PR-A"	36+34.40	35.3	Lt	477.28
30	"PR-A"	36+34.6	27.2	Lt	477.69
31	"PR-A"	36+37.00	38.7	Lt	477.18
32	"PR-A"	36+38.9	31.4	Lt	477.19
33	"PR-A"	36+39.2	42.3	Lt	477.35
16	"PR-A"	36+40.00	0.0	CL	478.25
17	"PR-A"	36+40.00	28.0	Lt	477.48
34	"PR-A"	36+42.00	35.3	Lt	477.09
35	"PR-A"	36+44.50	39.6	Lt	477.26
100	"PR-A"	36+68.00	0	CL	477.85
50	"PR-S-1-A"	16+00.00	0.0	CL	477.18
51	"PR-S-1-A"	16+00.00	26.0	Lt	477.13
52	"PR-S-1-A"	16+10.00	0.0	CL	476.88
53	"PR-S-1-A"	16+10.00	21.0	Lt	476.67
54	"PR-S-1-A"	16+20.00	0.0	CL	476.54
55	"PR-S-1-A"	16+20.00	19.0	Lt	476.35

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.
2. For Signal details See Signal plan sheets

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAIL
KLERNER LN & MT. TABOR RD. (NW CORNER)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	65 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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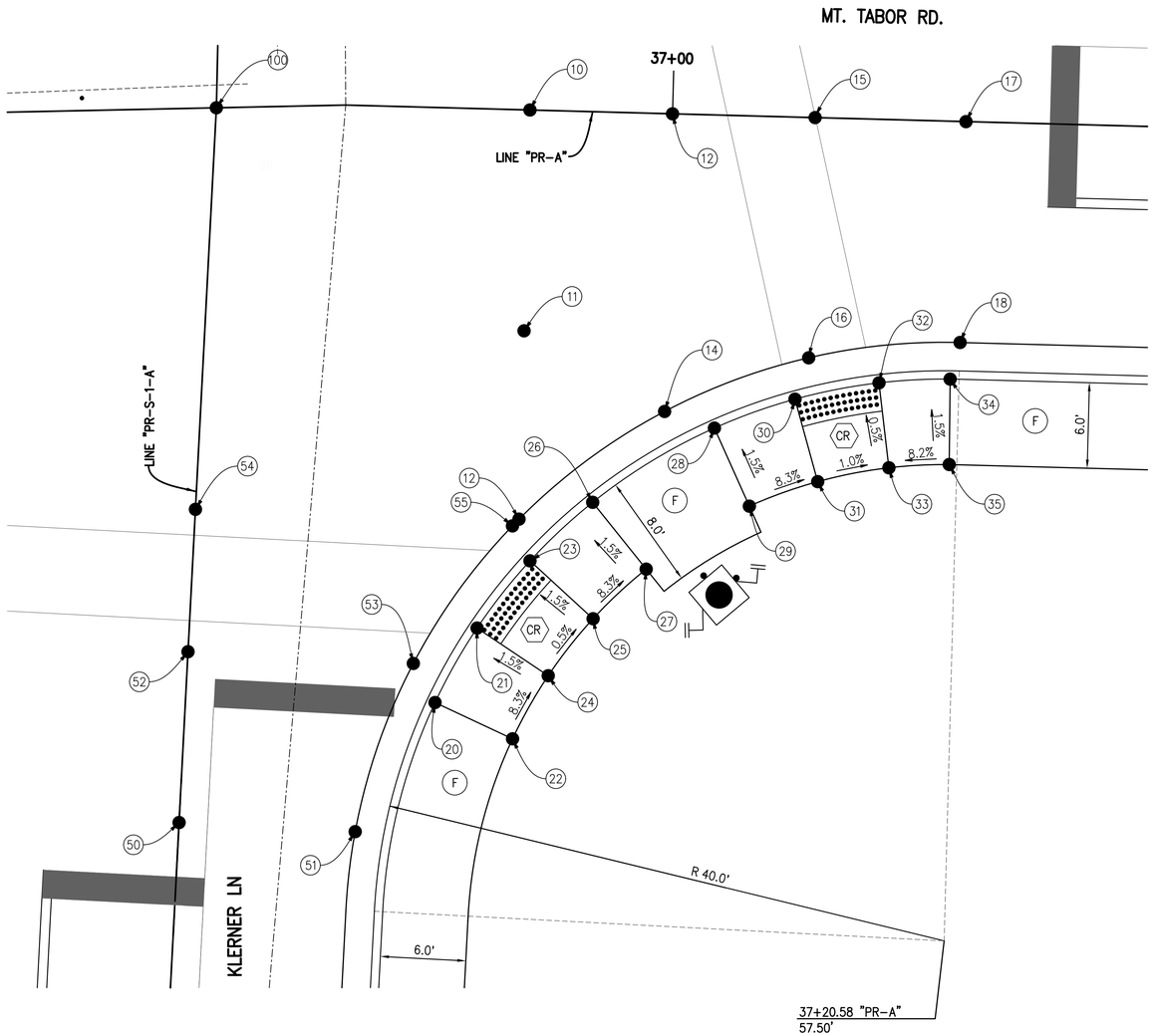

Point	Line	Station	Offset (ft)		Elevation
20	"PR-A"	36+84.5	41.7	Rt	478.61
21	"PR-A"	36+87.3	36.4	Rt	478.12
10	"PR-A"	36+90.00	0.0	CL	477.65
11	"PR-A"	36+90.00	15.5	Rt	477.89
12	"PR-A"	36+90.00	28.0	Rt	478.07
22	"PR-A"	36+90.00	44.1	Rt	478.70
23	"PR-A"	36+90.8	31.6	Rt	478.09
24	"PR-A"	36+92.3	39.6	Rt	478.21
25	"PR-A"	36+95.1	27.4	Rt	478.18
26	"PR-A"	36+95.4	35.6	Rt	478.59
27	"PR-A"	36+99.0	32	Rt	478.68
12	"PR-A"	37+00.00	0.0	CL	477.57
14	"PR-A"	37+00.00	21.0	Rt	477.88
28	"PR-A"	37+03.5	22	Rt	478.29
29	"PR-A"	37+06.1	27.4	Rt	478.38
30	"PR-A"	37+09.1	19.8	Rt	477.79
15	"PR-A"	37+10.00	0.0	CL	477.50
16	"PR-A"	37+10.00	17.0	Rt	477.76
31	"PR-A"	37+10.9	25.5	Rt	477.82
17	"PR-A"	37+20.58	0.0	CL	477.43
18	"PR-A"	37+20.58	15.5	Rt	477.68
32	"PR-A"	37+15.00	18.5	Rt	477.73
33	"PR-A"	37+15.8	24.4	Rt	477.77
34	"PR-A"	37+20.0	18.1	Rt	478.14
35	"PR-A"	37+20.1	24.1	Rt	478.23
100	"PR-A"	36+68.00	0	CL	477.85
50	"PR-S-1-A"	15+18.00	0.0	CL	478.63
51	"PR-S-1-A"	15+18.00	12.0	Rt	478.39
52	"PR-S-1-A"	15+30.00	0.0	CL	478.45
53	"PR-S-1-A"	15+30.00	16.0	Rt	478.13
54	"PR-S-1-A"	15+40.00	0.0	CL	478.29
55	"PR-S-1-A"	15+40.00	22.0	Rt	478.07

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.
2. For Signal details See Signal plan sheets

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP

CHECKED: MSM | CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAIL
KLERNER LN & MT. TABOR RD. (SE CORNER)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	66 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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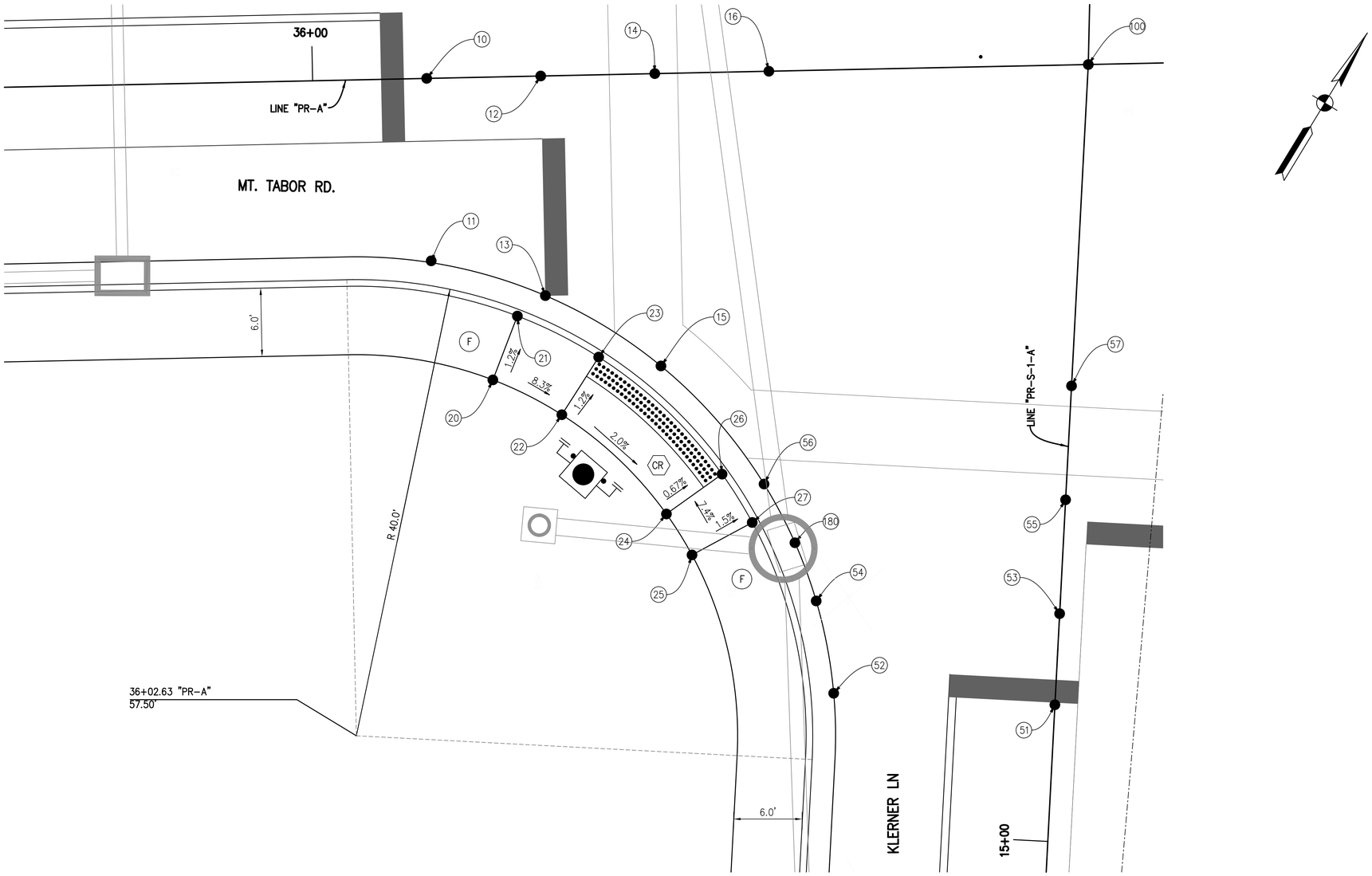


Point	Line	Station	Offset		Elevation
10	"PR-A"	36+10.06	0.0	CL	478.49
11	"PR-A"	36+10.06	16.0	Rt	478.73
20	"PR-A"	36+15.2	26.6	Rt	479.30
21	"PR-A"	36+17.5	21.0	Rt	479.21
12	"PR-A"	36+20.00	0.0	CL	478.37
13	"PR-A"	36+20.00	19.0	Rt	478.74
22	"PR-A"	36+21.2	29.7	Rt	478.64
23	"PR-A"	36+24.6	24.7	Rt	478.55
14	"PR-A"	36+30.00	0.0	CL	478.25
15	"PR-A"	36+30.00	25.0	Rt	478.50
24	"PR-A"	36+30.2	38.6	Rt	478.33
25	"PR-A"	36+32.4	42.3	Rt	478.74
26	"PR-A"	36+35.2	35.2	Rt	478.29
27	"PR-A"	36+37.7	39.5	Rt	478.65
16	"PR-A"	36+40.00	0.0	CL	478.25
100	"PR-A"	36+68.00	0	CL	477.85
51	"PR-S-1-A"	15+12.00	12.0	Lt	478.48
52	"PR-S-1-A"	15+12.00	0.0	CL	478.73
53	"PR-S-1-A"	15+20.00	0.0	CL	478.60
54	"PR-S-1-A"	15+20.00	21.0	Lt	478.18
180	"PR-S-1-A"	15+25.00	23.5	Lt	478.07
55	"PR-S-1-A"	15+30.00	0.0	CL	478.45
56	"PR-S-1-A"	15+30.00	0.0	Lt	478.22
57	"PR-S-1-A"	15+40.00	0.0	CL	478.29

LEGEND:

DETECTABLE WARNING SURFACE

CR — CURB RAMP, CONCRETE

F — SIDEWALK, CONCRETE

NOTES:

1. These dimensions are based on a 6 inch curb height, they should be proportionally adjusted for other curb heights.
2. For Signal details See Signal plan sheets

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

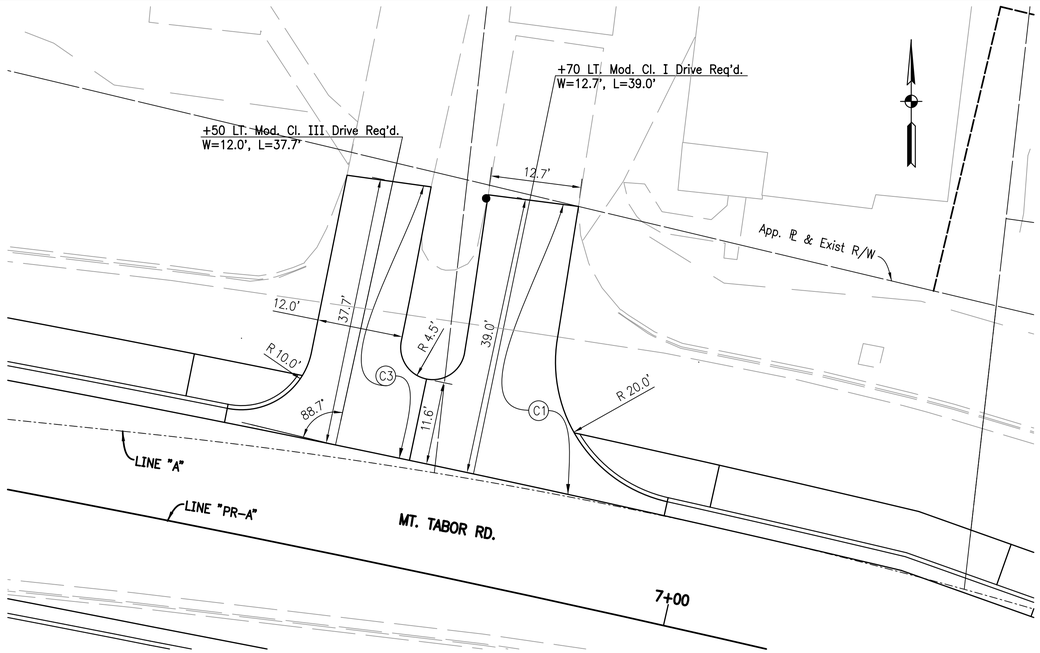
DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

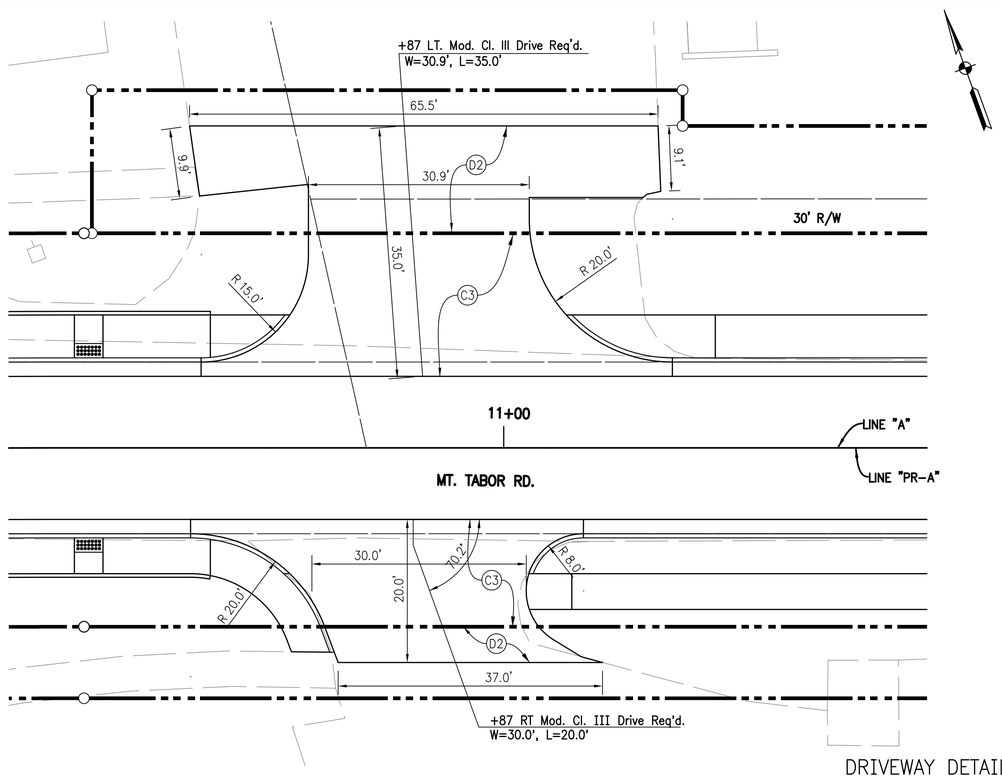
SPOT ELEVATION DETAIL
KLERNER LN & MT. TABOR RD. (SW CORNER)

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	67 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

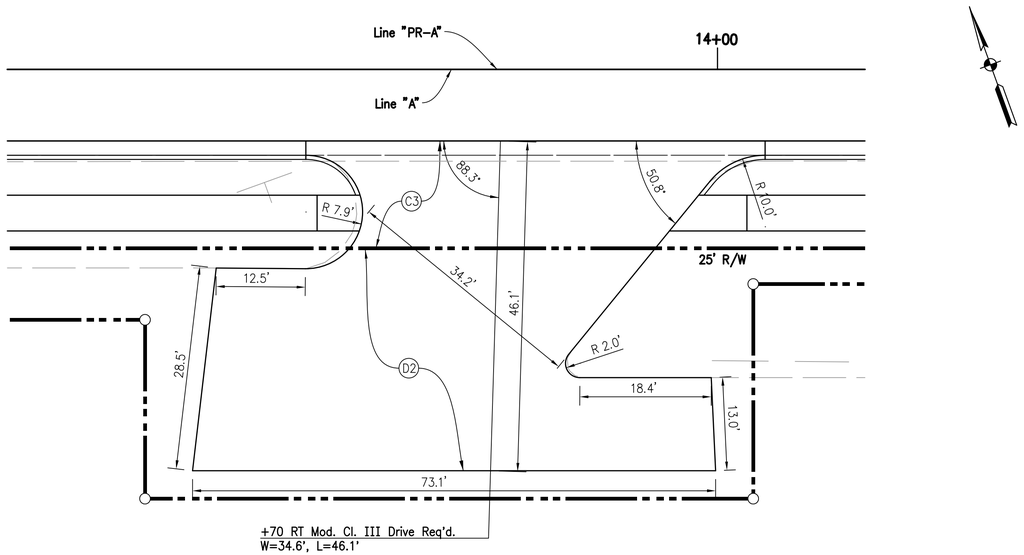
jpatel 10/30/2017 1:53:01 PM I:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_10_Spot Elev_01.dgn



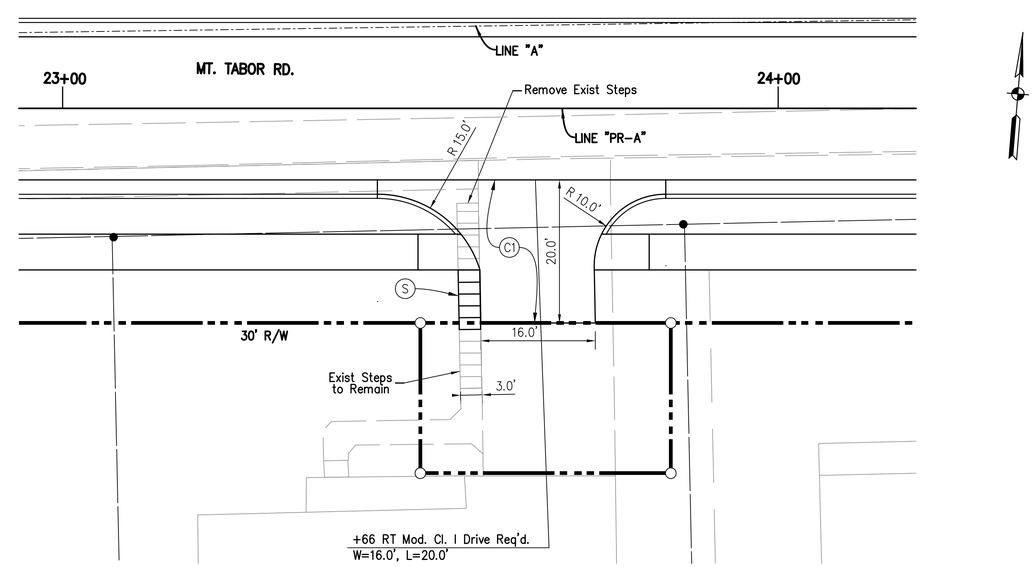
DRIVEWAY DETAILS
STA. 6+50.00 LT
STA. 6+70.00 LT



DRIVEWAY DETAILS
STA. 10+87.00 RT
STA. 10.87.00 LT



DRIVEWAY DETAILS
STA. 13+70.00 RT



DRIVEWAY DETAILS
STA. 23+66.00 RT

MONTE S. MILDENBERG
REGISTERED
No.
PE60880378
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AMP DRAWN: JJP
CHECKED: MSM CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	68 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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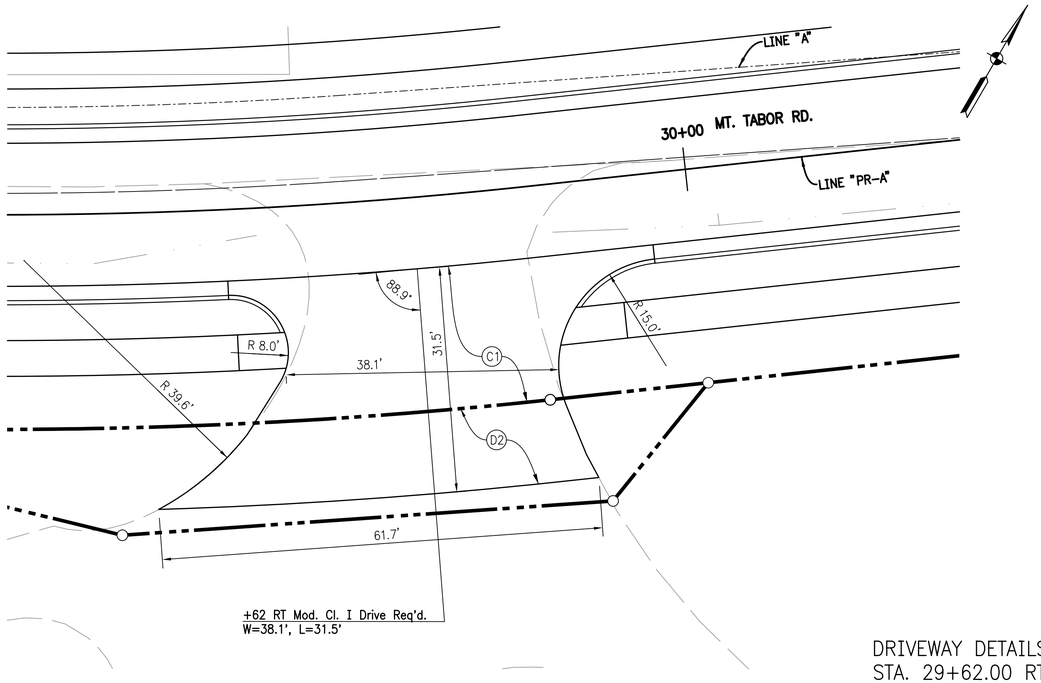
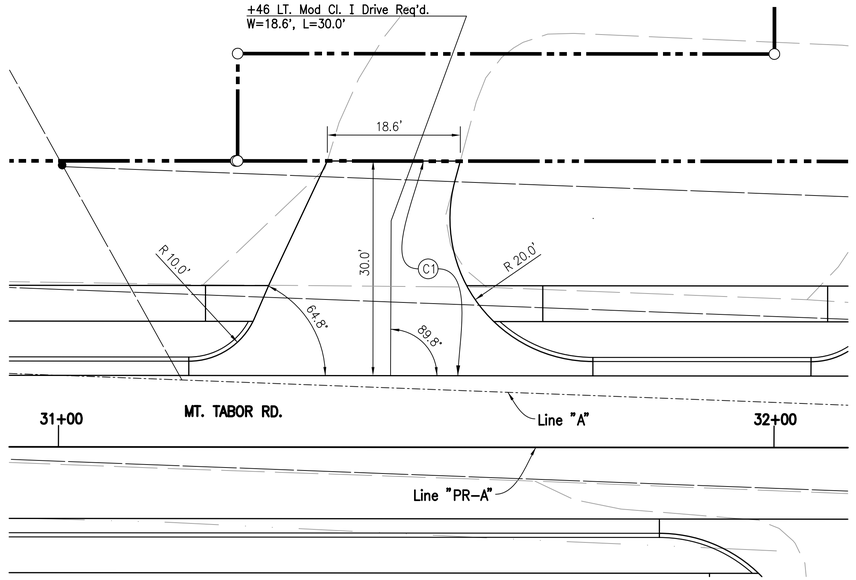
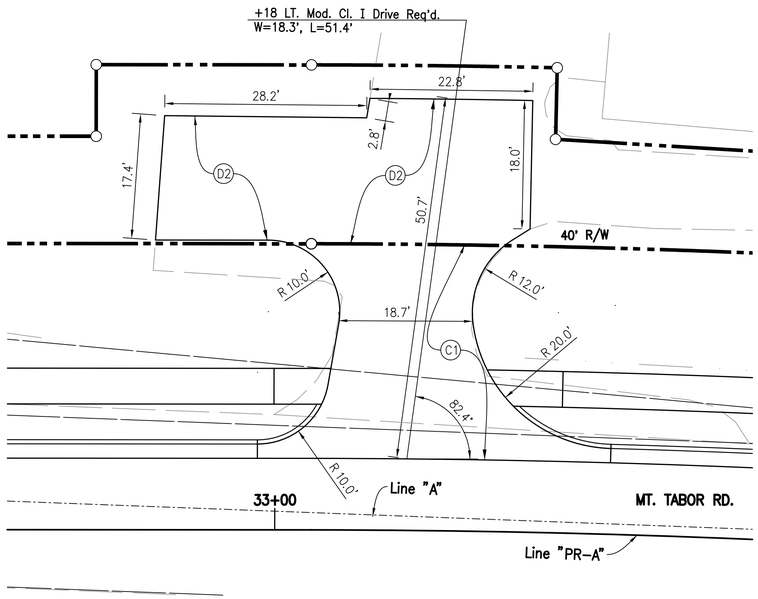


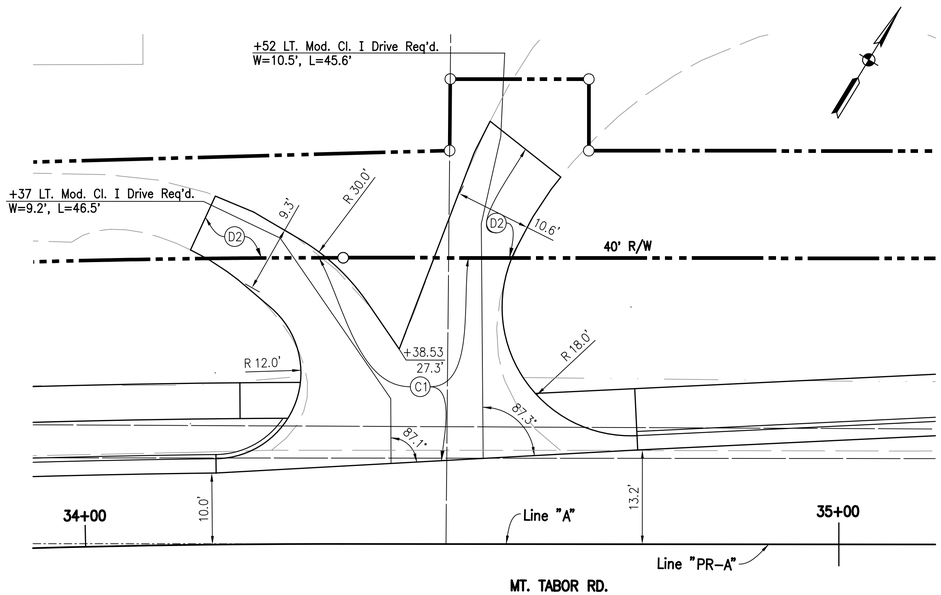
DRIVEWAY DETAILS
STA. 29+62.00 RT



DRIVEWAY DETAILS
STA. 31+46.40 LT



DRIVEWAY DETAILS
STA. 33+18 LT



DRIVEWAY DETAILS
STA. 34+37.00 LT
STA. 34+52.00 LT

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AMP | DRAWN: JJP
CHECKED: MSM | CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	69 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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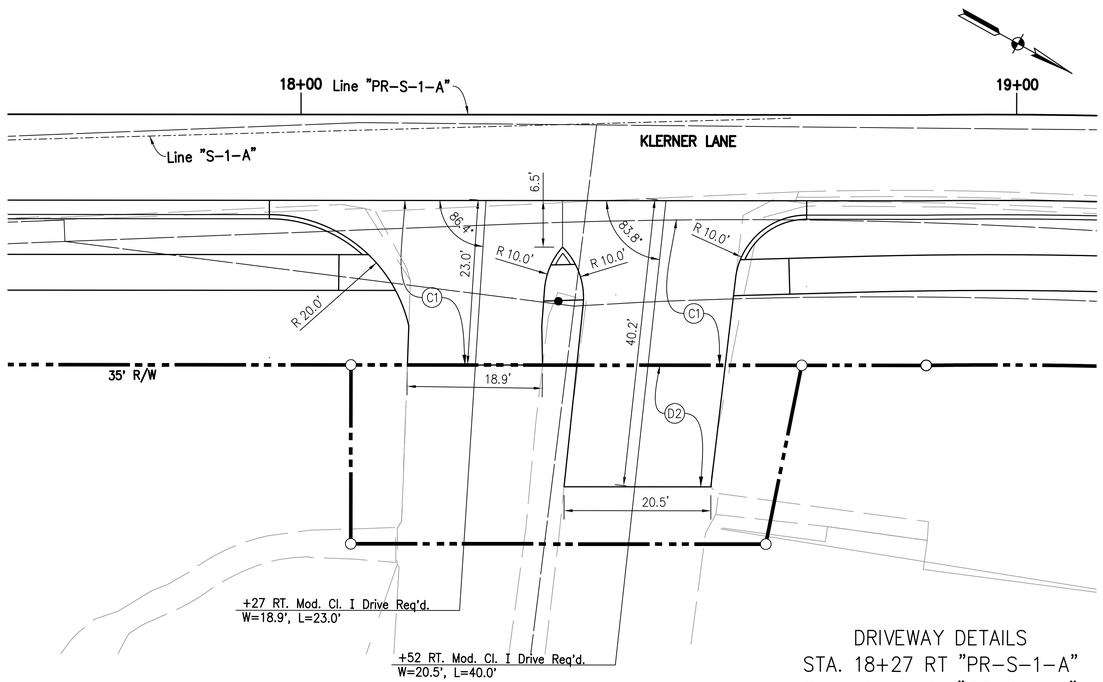

DRIVEWAY DETAILS
STA. 18+27 RT "PR-S-1-A"
STA. 18+71 RT "PR-S-1-A"

MONTE S. MILDENBERG
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No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AMP | DRAWN: JJP
CHECKED: MSM | CHECKED: AMP

INDIANA DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	70 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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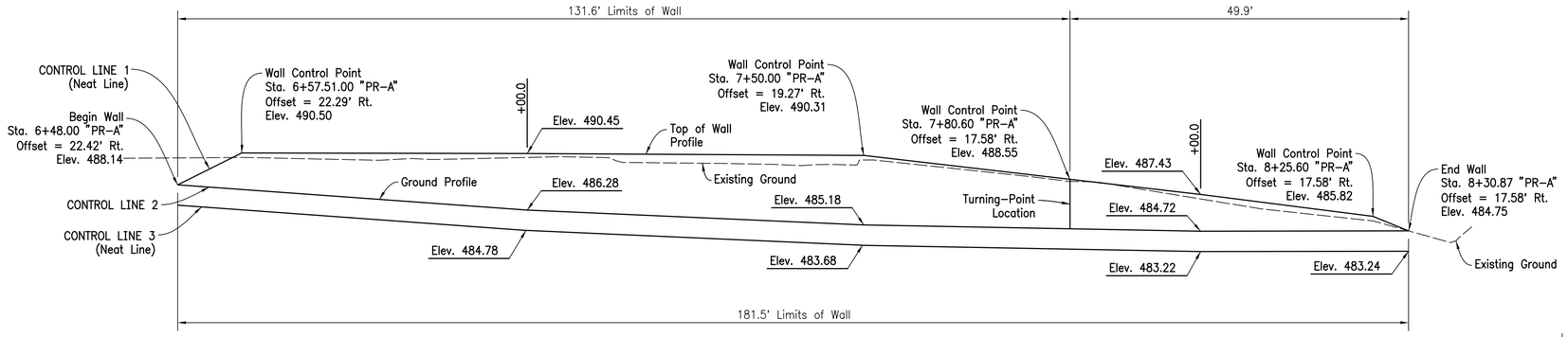
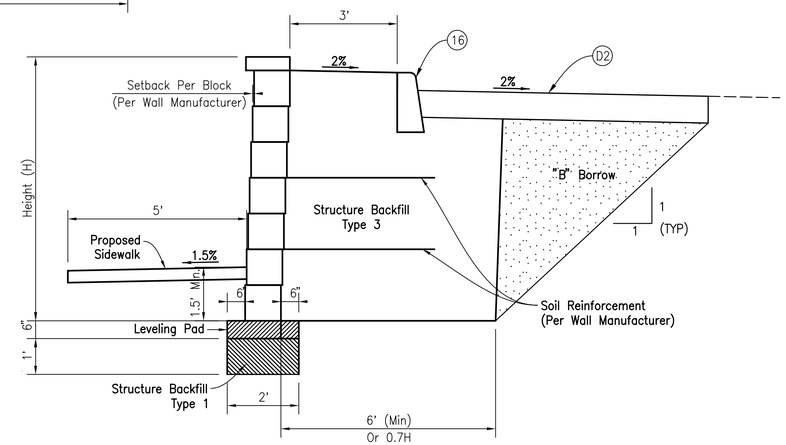


ELEVATION

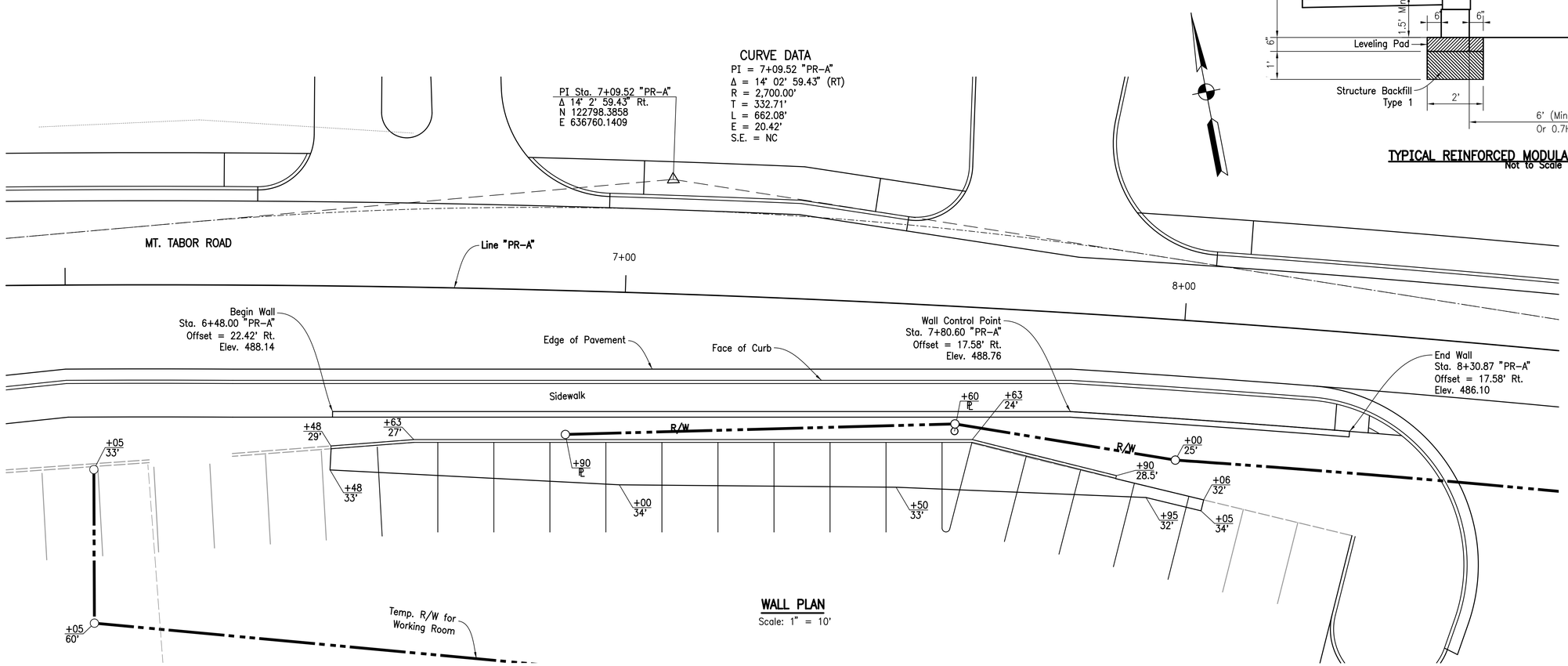
Scale: 1" = 10' Horz.
1" = 5' Vert.

SUMMARY OF QUANTITIES - WALL 1 (LINE "PR-A")		
Wall Length	182	Lft.
Structure Backfill, Type 1	14	Cys.
Structure Backfill, Type 3	175	Cys.
"B" Borrow	88	Cys.
Excavation, Common	358	Cys.
Borrow	0	Cys.
Modular Block Wall with Ground Reinforcement	787	Sft.
Modular Block Wall Erection	787	Sft.

SUMMARY OF QUANTITIES - PARKING LOT (LINE "PR-A")		
HMA for Approaches, Type B	28	Ton
Compacted Aggregate No. 53	10	CYS
Subgrade Treatment Type II	127	Sys.
Curb, Concrete	142	Lft.



TYPICAL REINFORCED MODULAR BLOCK WALL #1
Not to Scale



WALL PLAN

Scale: 1" = 10'

MONTE S. MILDENBERG
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RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AET DRAWN: RLH
CHECKED: BSC CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS
WALL #1 – 6+48 TO 8+31 "PR-A" RT

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N.A.
VERTICAL SCALE	DESIGNATION NO.
AS NOTED	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	71 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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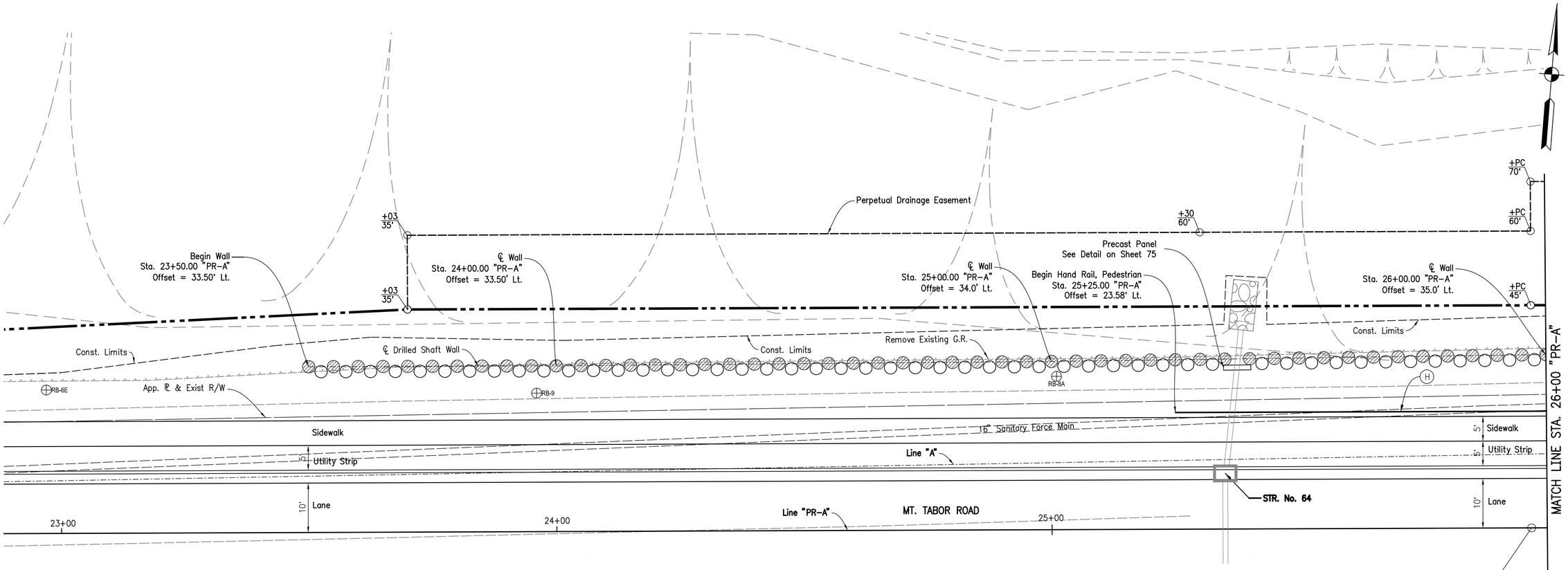
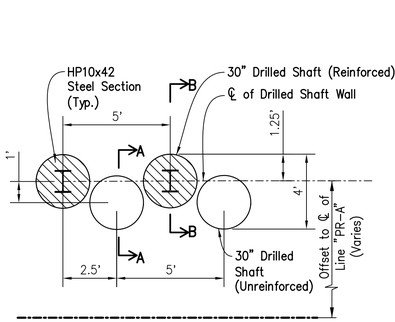


PLAN – DRILLED SHAFT WALL

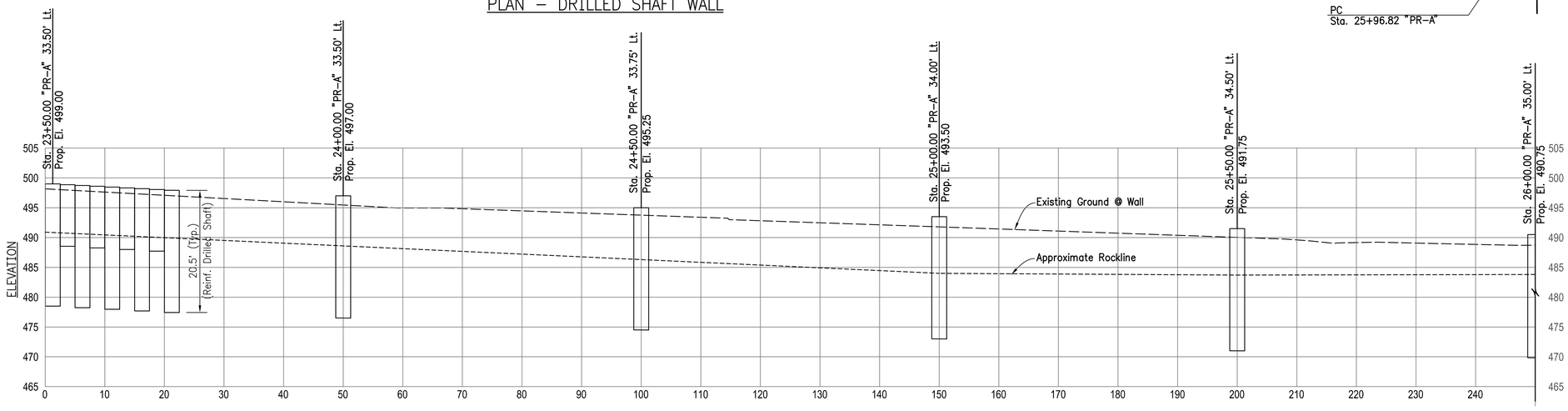


DRILLED SHAFT PLAN DETAIL
(No Scale)

LEGEND

Reinforced Drilled Shaft

Unreinforced Drilled Shaft



DISTANCE ALONG ℄ DRILLED SHAFT WALL (ft)

ELEVATION – DRILLED SHAFT WALL

PC
Sta. 25+96.82 "PR-A"

NOTES:
FOR TYPICAL WALL SECTIONS, SEE SHEET 4
FOR SECTIONS A–A, B–B & ADDITIONAL DETAILS, SEE SHEET 75
FOR SUMMARY OF QUANTITIES, SEE SHEET 77
FOR DRILLED SHAFT WALL TABLE, SEE SHEETS 76 & 77

SAMUEL M. SWOR
REGISTERED
No. PE10910318
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER — DATE: 10/30/2017

DESIGNED: SMS | DRAWN: JP
CHECKED: JJA | CHECKED: SMS

INDIANA DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT WALL DETAILS
WALL #7 – 23+50 TO 26+00 "PR-A" LT

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 10'	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	72 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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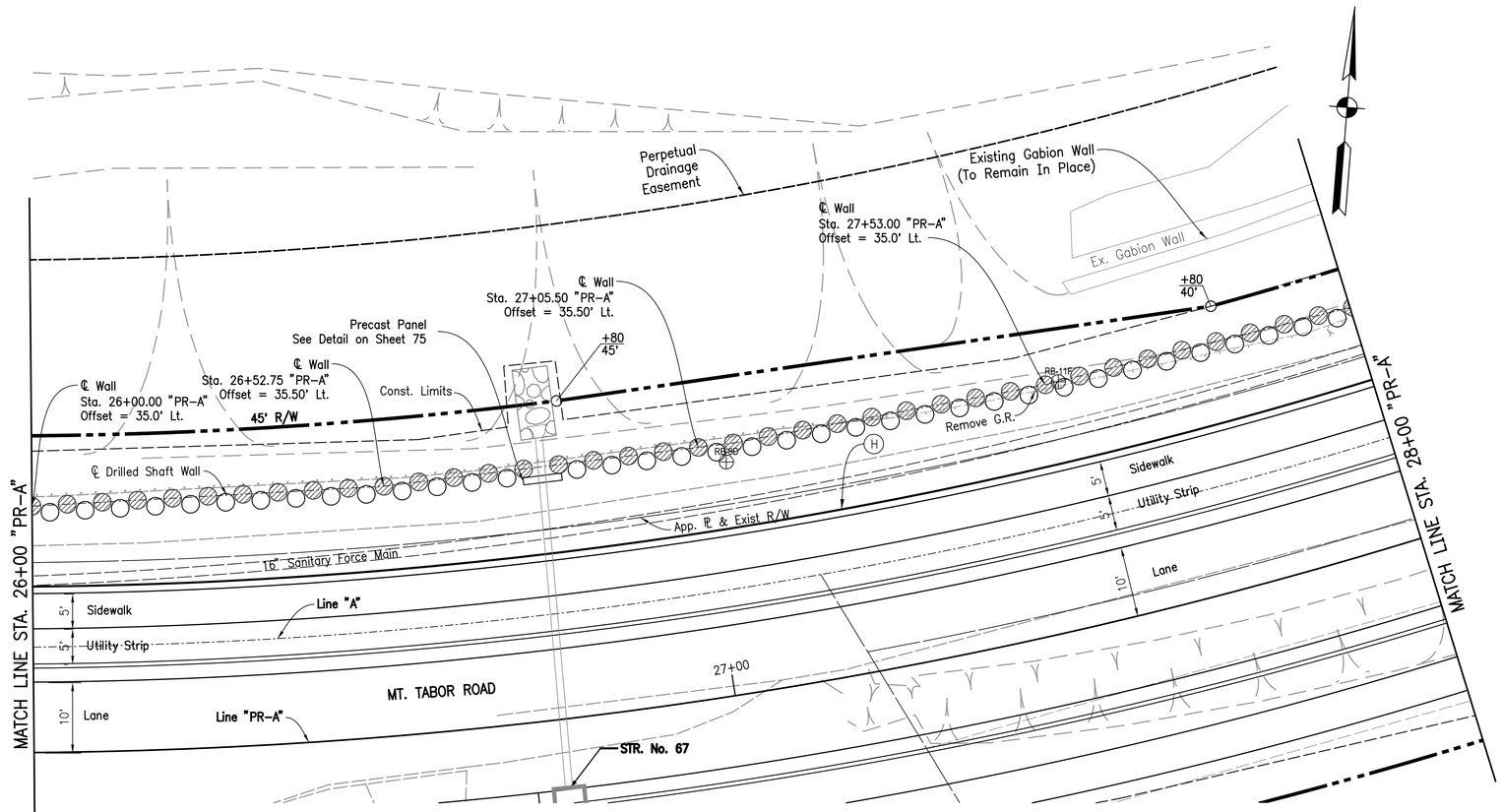
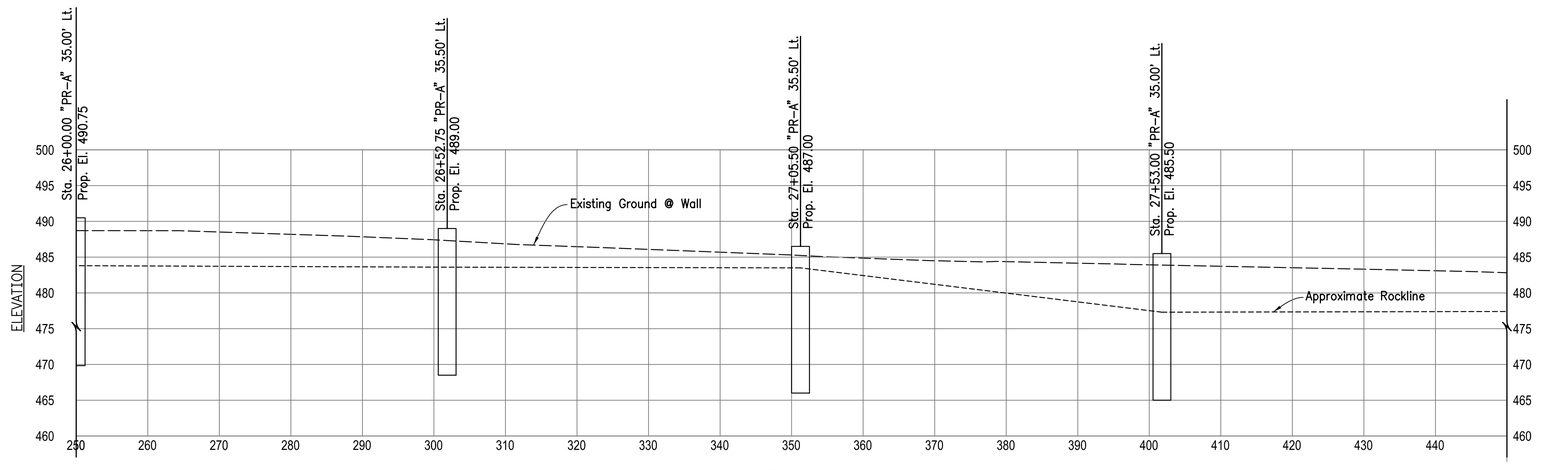


PLAN – DRILLED SHAFT WALL



ELEVATION – DRILLED SHAFT WALL

NOTES:
FOR TYPICAL WALL SECTIONS, SEE SHEET 4
FOR ADDITIONAL DETAILS, SEE SHEET 75
FOR SUMMARY OF QUANTITIES, SEE SHEET 77
FOR DRILLED SHAFT WALL TABLE, SEE SHEETS 76 & 77

SAMUEL M. SWOR REGISTERED No. PE10910318 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 10/30/2017 DATE

DESIGNED: SMS | DRAWN: JP
CHECKED: JJA | CHECKED: SMS

INDIANA DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT WALL DETAILS
WALL #7 – 26+00 TO 28+00 "PR-A" LT

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 10"	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	73 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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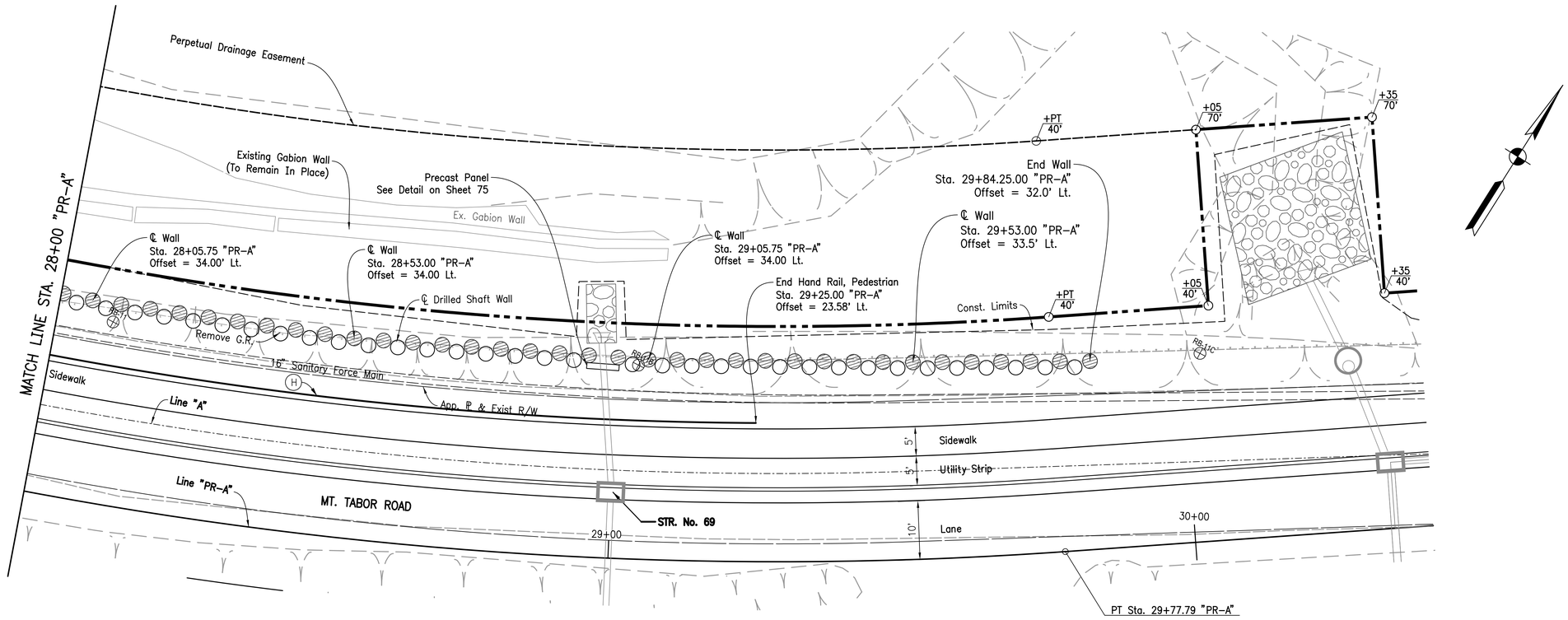
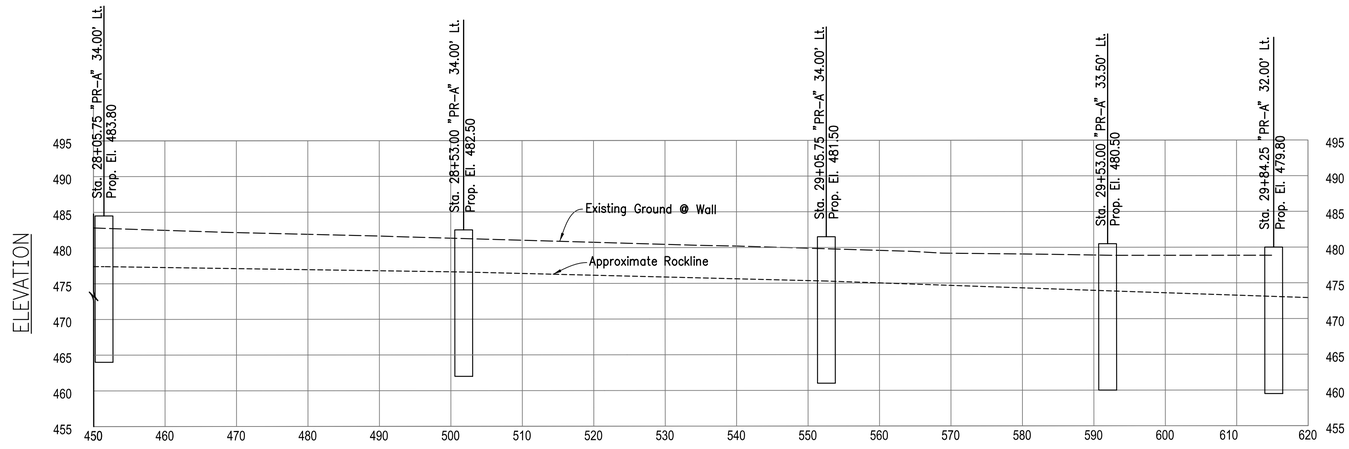


PLAN – DRILLED SHAFT WALL



DISTANCE ALONG ℄ DRILLED SHAFT WALL (ft)

ELEVATION – DRILLED SHAFT WALL

NOTES:
FOR TYPICAL WALL SECTIONS, SEE SHEET 4
FOR ADDITIONAL DETAILS, SEE SHEET 75
FOR SUMMARY OF QUANTITIES, SEE SHEET 77
FOR DRILLED SHAFT WALL TABLE, SEE SHEETS 76 & 77

SAMUEL M. SWOR REGISTERED No. PE10910318 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER 10/30/2017 DATE

DESIGNED: SMS | DRAWN: JP

CHECKED: JJA | CHECKED: SMS

INDIANA DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT WALL DETAILS
WALL #7– 28+00 TO 29+84.25 "PR-A" LT

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N.A.
VERTICAL SCALE	DESIGNATION NO.
1" = 5'	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	74 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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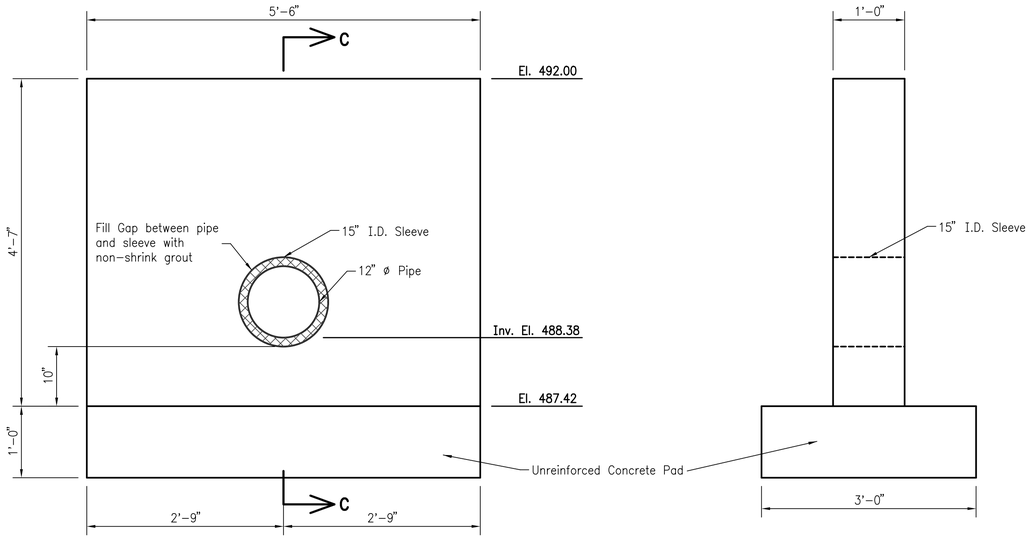
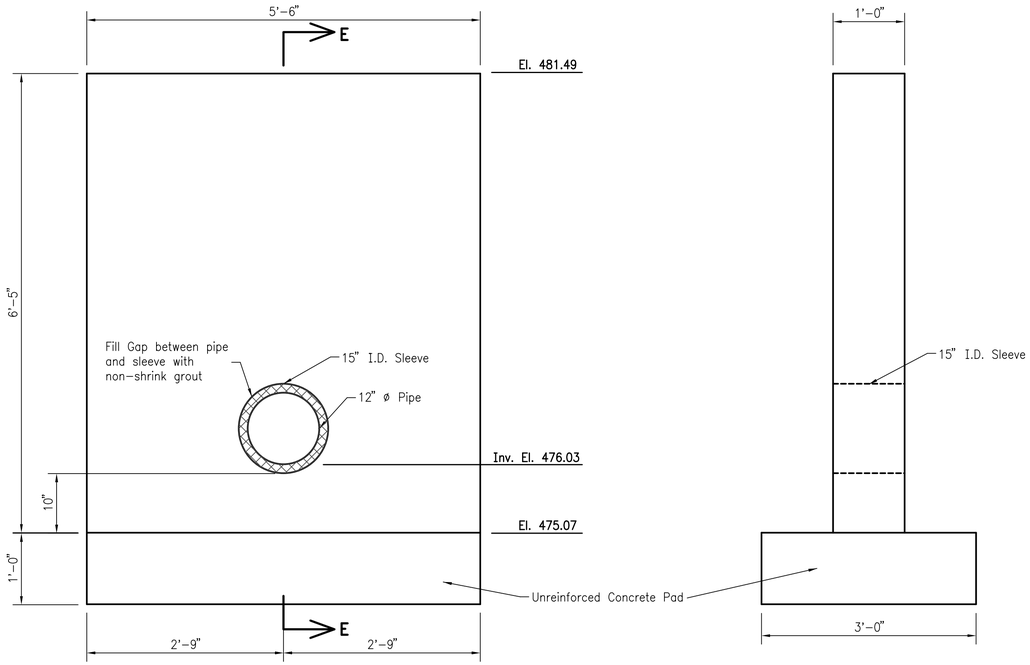


ELEVATION

SECTION C-C

PRECAST PANEL AT STRUCTURE No. 64

Scale: 1" = 1'

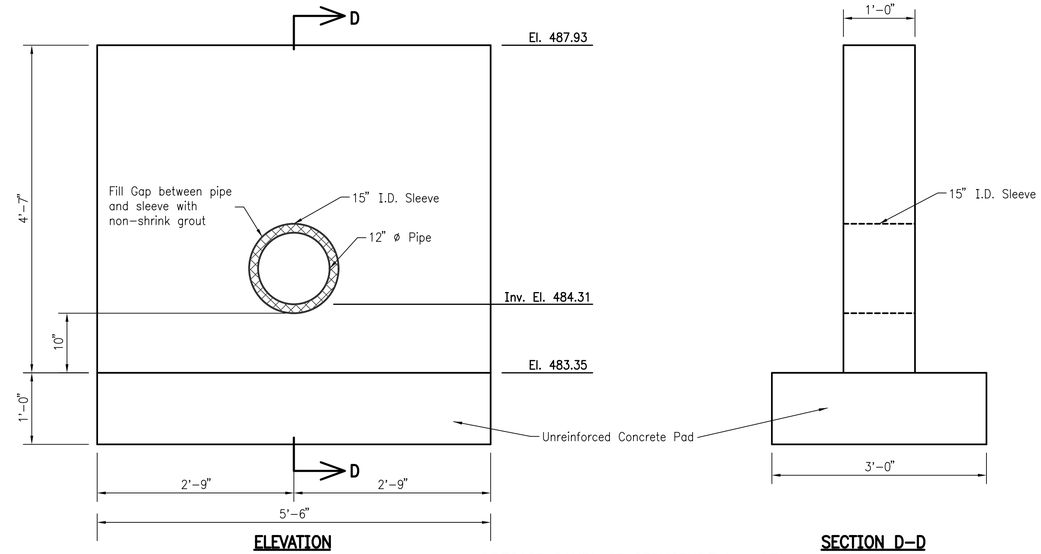


ELEVATION

SECTION E-E

PRECAST PANEL AT STRUCTURE No. 69

Scale: 1" = 1'

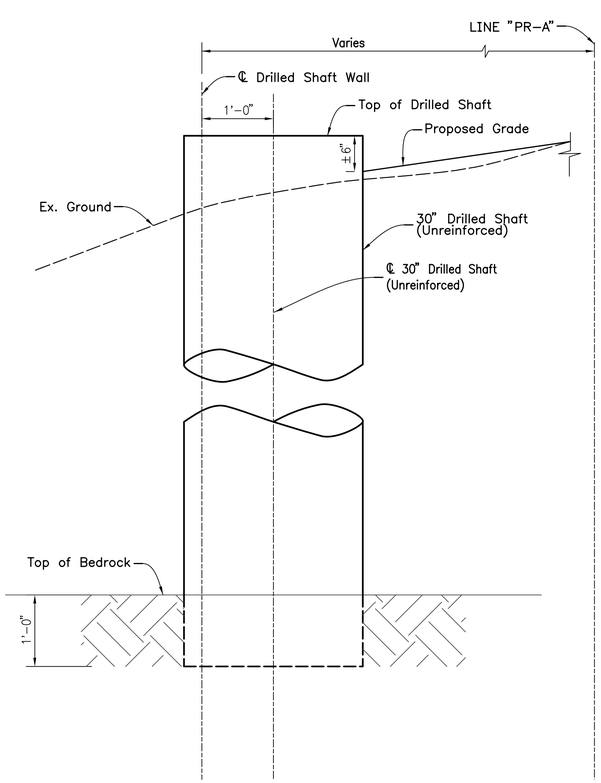


ELEVATION

SECTION D-D

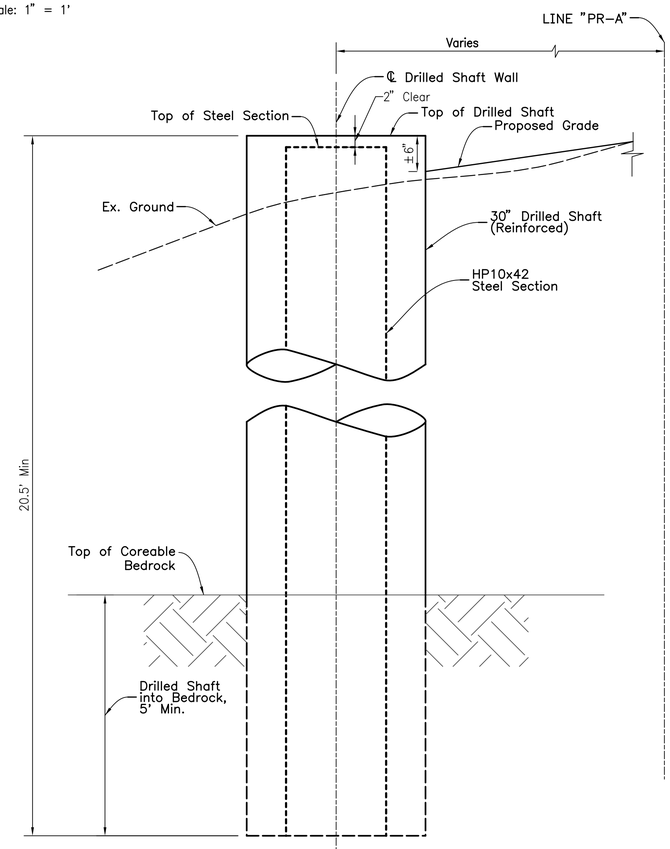
PRECAST PANEL AT STRUCTURE No. 67

Scale: 1" = 1'



SECTION A-A

(No Scale)



SECTION B-B

(No Scale)

NOTES:
FOR TYPICAL WALL SECTIONS, SEE SHEET 4
FOR LOCATION OF SECTIONS A-A AND B-B, SEE SHEET 72
FOR DRILLED SHAFT WALL TABLE, SEE SHEETS 76 & 77

SAMUEL M. SWOR REGISTERED No. PE10910318 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL [signature] 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: SMS DRAWN: JJP
CHECKED: JJA CHECKED: SMS

INDIANA DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT WALL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N.A.
VERTICAL SCALE	DESIGNATION NO.
AS NOTED	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	75 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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DRILLED SHAFT WALL

Drilled Shaft Number	Station	Offset	Top of Drilled Shaft El.	Existing Ground El.	Top of Rock El.	Shaft Type (R or N)	Shaft Tip El.	Depth to Bedrock (ft)	Drilled Shaft Above Bedrock (ft)	Drilled Shaft into Bedrock (ft)	Drilled Shaft Total Length (ft)	Steel Pile Length (ft)	Steel Pile Type
1	23+50.00	33.50	499.00	498.24	490.9	R	478.5	7.3	8.1	12.4	20.5	20.3	HP 10x42
2	23+52.50	32.50	498.90	498.19	490.8	N	489.8	7.4	8.1	1.0	9.1	0.0	
3	23+55.00	33.50	498.80	497.97	490.7	R	478.3	7.3	8.1	12.4	20.5	20.3	HP 10x42
4	23+57.50	32.50	498.70	497.92	490.6	N	489.6	7.3	8.1	1.0	9.1	0.0	
5	23+60.00	33.50	498.60	497.70	490.4	R	478.1	7.3	8.2	12.3	20.5	20.3	HP 10x42
6	23+62.50	32.50	498.50	497.65	490.3	N	489.3	7.3	8.2	1.0	9.2	0.0	
7	23+65.00	33.50	498.40	497.43	490.2	R	477.9	7.2	8.2	12.3	20.5	20.3	HP 10x42
8	23+67.50	32.50	498.30	497.38	490.1	N	489.1	7.3	8.2	1.0	9.2	0.0	
9	23+70.00	33.50	498.20	497.16	490.0	R	477.7	7.2	8.2	12.3	20.5	20.3	HP 10x42
10	23+72.50	32.50	498.10	497.11	489.9	N	488.9	7.2	8.2	1.0	9.2	0.0	
11	23+75.00	33.50	498.00	496.89	489.8	R	477.5	7.1	8.2	12.3	20.5	20.3	HP 10x42
12	23+77.50	32.50	497.90	496.84	489.6	N	488.6	7.2	8.3	1.0	9.3	0.0	
13	23+80.00	33.50	497.80	496.62	489.5	R	477.3	7.1	8.3	12.2	20.5	20.3	HP 10x42
14	23+82.50	32.50	497.70	496.57	489.5	N	488.5	7.1	8.2	1.0	9.2	0.0	
15	23+85.00	33.50	497.60	496.35	489.3	R	477.1	7.1	8.3	12.2	20.5	20.3	HP 10x42
16	23+87.50	32.50	497.50	496.30	489.2	N	488.2	7.1	8.3	1.0	9.3	0.0	
17	23+90.00	33.50	497.40	496.08	489.1	R	476.9	7.0	8.3	12.2	20.5	20.3	HP 10x42
18	23+92.50	32.50	497.30	496.03	489.0	N	488.0	7.0	8.3	1.0	9.3	0.0	
19	23+95.00	33.50	497.20	495.81	488.8	R	476.7	7.0	8.4	12.1	20.5	20.3	HP 10x42
20	23+97.50	32.50	497.10	495.76	488.7	N	487.7	7.1	8.4	1.0	9.4	0.0	
21	24+00.00	33.50	497.00	495.54	488.6	R	476.5	6.9	8.4	12.1	20.5	20.3	HP 10x42
22	24+02.50	32.51	496.91	495.49	488.5	N	487.5	7.0	8.4	1.0	9.4	0.0	
23	24+05.00	33.53	496.83	495.27	488.4	R	476.3	6.9	8.4	12.1	20.5	20.3	HP 10x42
24	24+07.50	32.54	496.74	495.43	488.3	N	487.3	7.1	8.4	1.0	9.4	0.0	
25	24+10.00	33.55	496.65	495.02	488.2	R	476.2	6.8	8.5	12.1	20.5	20.3	HP 10x42
26	24+12.50	32.56	496.56	495.33	488.0	N	487.0	7.3	8.6	1.0	9.6	0.0	
27	24+15.00	33.58	496.48	495.01	487.9	R	476.0	7.1	8.6	11.9	20.5	20.3	HP 10x42
28	24+17.50	32.59	496.39	495.15	487.8	N	486.8	7.3	8.6	1.0	9.6	0.0	
29	24+20.00	33.60	496.30	494.89	487.7	R	475.8	7.2	8.6	11.9	20.5	20.3	HP 10x42
30	24+22.50	32.61	496.21	494.97	487.6	N	486.6	7.4	8.6	1.0	9.6	0.0	
31	24+25.00	33.63	496.13	494.72	487.5	R	475.6	7.2	8.6	11.9	20.5	20.3	HP 10x42
32	24+27.50	32.64	496.04	494.79	487.4	N	486.4	7.4	8.6	1.0	9.6	0.0	
33	24+30.00	33.65	495.95	494.54	487.2	R	475.5	7.3	8.8	11.8	20.5	20.3	HP 10x42
34	24+32.50	32.66	495.86	494.61	487.1	N	486.1	7.5	8.8	1.0	9.8	0.0	
35	24+35.00	33.68	495.78	494.36	487.0	R	475.3	7.4	8.8	11.7	20.5	20.3	HP 10x42
36	24+37.50	32.69	495.69	494.43	486.9	N	485.9	7.5	8.8	1.0	9.8	0.0	
37	24+40.00	33.70	495.60	494.18	486.8	R	475.1	7.4	8.8	11.7	20.5	20.3	HP 10x42
38	24+42.50	32.71	495.51	494.26	486.7	N	485.7	7.6	8.8	1.0	9.8	0.0	
39	24+45.00	33.73	495.43	494.00	486.6	R	474.9	7.4	8.8	11.7	20.5	20.3	HP 10x42
40	24+47.50	32.74	495.34	494.08	486.4	N	485.4	7.7	8.9	1.0	9.9	0.0	
41	24+50.00	33.75	495.25	493.82	486.3	R	474.8	7.5	8.9	11.6	20.5	20.3	HP 10x42
42	24+52.50	32.76	495.16	493.90	486.2	N	485.2	7.7	9.0	1.0	10.0	0.0	
43	24+55.00	33.78	495.08	493.65	486.1	R	474.6	7.5	9.0	11.5	20.5	20.3	HP 10x42
44	24+57.50	32.79	494.99	493.72	486.0	N	485.0	7.7	9.0	1.0	10.0	0.0	
45	24+60.00	33.80	494.90	493.47	485.9	R	474.4	7.6	9.0	11.5	20.5	20.3	HP 10x42
46	24+62.50	32.81	494.81	493.54	485.8	N	484.8	7.7	9.0	1.0	10.0	0.0	
47	24+65.00	33.83	494.73	493.29	485.6	R	474.2	7.7	9.1	11.4	20.5	20.3	HP 10x42
48	24+67.50	32.84	494.64	493.18	485.5	N	484.5	7.7	9.1	1.0	10.1	0.0	
49	24+70.00	33.85	494.55	492.89	485.4	R	474.1	7.5	9.2	11.4	20.5	20.3	HP 10x42
50	24+72.50	32.86	494.46	493.00	485.3	N	484.3	7.7	9.2	1.0	10.2	0.0	
51	24+75.00	33.88	494.38	492.72	485.2	R	473.9	7.5	9.2	11.3	20.5	20.3	HP 10x42
52	24+77.50	32.89	494.29	492.83	485.1	N	484.1	7.7	9.2	1.0	10.2	0.0	
53	24+80.00	33.90	494.20	492.55	485.0	R	473.7	7.6	9.2	11.3	20.5	20.3	HP 10x42
54	24+82.50	32.91	494.11	492.66	484.8	N	483.8	7.9	9.3	1.0	10.3	0.0	
55	24+85.00	33.93	494.03	492.37	484.7	R	473.5	7.7	9.3	11.2	20.5	20.3	HP 10x42
56	24+87.50	32.94	493.94	492.49	484.6	N	483.6	7.9	9.3	1.0	10.3	0.0	
57	24+90.00	33.95	493.85	492.20	484.5	R	473.4	7.7	9.4	11.2	20.5	20.3	HP 10x42
58	24+92.50	32.96	493.76	492.32	484.4	N	483.4	7.9	9.4	1.0	10.4	0.0	
59	24+95.00	33.98	493.68	492.03	484.3	R	473.2	7.7	9.4	11.1	20.5	20.3	HP 10x42
60	24+97.50	32.99	493.59	492.15	484.2	N	483.2	7.9	9.4	1.0	10.4	0.0	
61	25+00.00	34.00	493.50	491.86	484.0	R	473.0	7.9	9.5	11.0	20.5	20.3	HP 10x42
62	25+02.50	33.03	493.41	491.97	484.0	N	483.0	8.0	9.4	1.0	10.4	0.0	
63	25+05.00	34.05	493.33	491.68	484.0	R	472.8	7.7	9.3	11.2	20.5	20.3	HP 10x42
64	25+07.50	33.08	493.24	491.80	484.0	N	483.0	7.8	9.2	1.0	10.2	0.0	
65	25+10.00	34.10	493.15	491.51	484.0	R	472.7	7.5	9.2	11.4	20.5	20.3	HP 10x42
66	25+12.50	33.13	493.06	491.62	484.0	N	483.0	7.6	9.1	1.0	10.1	0.0	
67	25+15.00	34.15	492.98	491.33	484.0	R	472.5	7.3	9.0	11.5	20.5	20.3	HP 10x42
68	25+17.50	33.18	492.89	491.44	484.0	N	483.0	7.4	8.9	1.0	9.9	0.0	
69	25+20.00	34.20	492.80	491.15	484.0	R	472.3	7.1	8.8	11.7	20.5	20.3	HP 10x42
70	25+22.50	33.23	492.71	491.27	483.9	N	482.9	7.4	8.8	1.0	9.8	0.0	
71	25+25.00	34.25	492.63	490.98	483.9	R	472.1	7.1	8.7	11.8	20.5	20.3	HP 10x42
72	25+27.50	33.28	492.54	491.09	483.9	N	482.9	7.2	8.6	1.0	9.6	0.0	
73	25+30.00	34.30	492.45	490.80	483.9	R	472.0	6.9	8.6	12.0	20.5	20.3	HP 10x42
74	25+32.50	33.33	492.36	490.91	483.9	N	482.9	7.0	8.5	1.0	9.5	0.0	
75	25+35.00	34.35	492.28	490.62	483.9	R	471.8	6.7	8.4	12.1	20.5	20.3	HP 10x42

DRILLED SHAFT WALL

Drilled Shaft Number	Station	Offset	Top of Drilled Shaft El.	Existing Ground El.	Top of Rock El.	Shaft Type (R or N)	Shaft Tip El.	Depth to Bedrock (ft)	Drilled Shaft Above Bedrock (ft)	Drilled Shaft into Bedrock (ft)	Drilled Shaft Total Length (ft)	Steel Pile Length (ft)	Steel Pile Type
76	25+40.00	34.40	492.10	490.45	483.9	R	471.6	6.6	8.2	12.3	20.5	20.3	HP 10x42
77	25+42.50	33.43	492.01	490.56	483.9	N	482.9	6.7	8.1	1.0	9.1	0.0	
78	25+45.00	34.45	491.93	490.27	483.9	R	471.4	6.4	8.0	12.5	20.5	20.3	HP 10x42
79	25+47.50	33.48	491.84	490.38	483.9	N	482.9	6.5	7.9	1.0	8.9	0.0	
80	25+50.00	34.50	491.75	490.09	483.9	R	471.3	6.2	7.9	12.7	20.5	20.3	HP 10x42
81	25+52.50	33.53	491.70	490.21	483.9	N	482.9	6.3	7.8	1.0	8.8	0.0	
82	25+55.00	34.56	491.65	489.92	483.9	R	471.2	6.0	7.8	12.7	20.5	20.3	HP 10x42
83	25+57.50	33.58	491.60	490.03	483.9	N	482.9	6.1	7.7	1.0	8.7	0.0	
84	25+60.00	34.61	491.55	489.74	483.9	R	471.1	5.8	7.7	12.9	20.5	20.3	HP 10x42
85	25+62.50	33.63	491.50	489.85	483.8	N	482.8	6.1	7.7	1.0	8.7	0.0	
86	25+65.00	34.66	491.45	489.38	483.8	R	471.0	5.6	7.6	12.9	20.5	20.3	HP 10x42
87	25+67.50	33.68	491.40	489.69	483.8	N	482.8	5.9	7.6	1.0	8.6	0.0	
88	25+70.00	34.71	491.35	489.21	483.8	R	470.9	5.4	7.6	13.0	20.5	20.3	HP 10x42
89	25+72.50	33.73	491.30	489.57	483.8	N	482.8	5.8	7.5	1.0	8.5	0.0	
90	25+75.00	34.76	491.25	489.25	483.8	R	470.8	5.4	7.4	13.1	20.5	20.3	HP 10x42
91	25+77.50	33.78	491.20	489.46	483.8	N	482.8	5.7	7.4	1.0	8.4	0.0	
92	25+80.00	34.81	491.15	489.14	483.8	R	470.7	5.3	7.4	13.2	20.5	20.3	HP 10x42
93	25+82.50	33.83	491.10	489.34	483.8	N	482.8	5.5	7.3	1.0	8.3	0.0	
94	25+85.00	34.86	491.05	489.02	483.8	R	470.6	5.2	7.3	13.3	20.5	20.3	HP 10x42
95	25+87.50	33.88	491.00	489.23	483.8	N	482.8	5.4	7.2	1.0	8.2	0.0	
96	25+90.00	34.91	490.95	488.91	483.8	R	470.5	5.1	7.1	13.4	20.5	20.3	HP 10x42
97	25+92.50	33.93	490.90	489.11	483.8	N	482.8	5.3	7.1	1.0	8.1	0.0	
98	25+95.00	34.96	490.85	488.80	483.8	R	470.4	5.0	7.1	13.5	20.5	20.3	HP 10x42
99	25+97.54	33.98	490.80	489.00	483.8	N	482.8	5.2	7.0	1.0	8.0	0.0	
100	26+00.00	35.00	490.75	488.72	483.8	R	470.3	4.9	6.9	13.6	20.5	20.3	HP 10x42
101	26+02.67	34.12	490.66	488.89	483.8	N	482.8	5.1	6.9	1.0	7.9	0.0	
102	26+05.26	35.22	490.58	488.72	483.7	R	470.1	5.0	6.9	13.6	20.5	20.3	HP 10x42
103	26+07.93	34.32	490.49	488.88	483.7	N	482.7	5.2	6.8	1.0	7.8	0.0	
104	26+10.52	35.41	490.40	488.71	483.7	R	469.9	5.0	6.7	13.8	20.5	20.3	HP 10x42
105	26+13.18	34.48	490.31	488.88	483.7	N	482.7	5.2	6.6	1.0	7.6	0.0	
106	26+15.79	35.55	490.23	488.71	483.7	R	469.7	5.0	6.5	14.0	20.5	20.3	HP 10x42
107	26+18.45	34.61	490.14	488.82	483.7	N	482.7	5.1	6.4	1.0	7.4	0.0	
108	26+21.06	35.66	490.05	488.57	483.7	R	469.6	4.9	6.4	14.2	20.5	20.3	HP 10x42
109	26+23.71	34.70	489.96	488.66	483.7	N	482.7	5.0	6.3	1.0	7.3	0.0	
110	26+26.37	35.73	489.88	488.41	483.7	R	469.4	4.7	6.2	14.3	20.5	20.3	HP 10x42
111	26+28.98	34.75	489.79	488.50	483.7	N	482.7	4.8	6.1	1.0	7.1	0.0	
112	26+31.61	35.76	489.70	488.25	483.7	R	469.2	4.6	6.0	14.5	20.5	20.3	HP 10x42
113	26+34.24	34.75	489.61	488.34	483.7	N	482.7	4.7	5.9	1.0	6.9	0.0	
114	26+36.88	35.75	489.53	488.09	483.7	R	469.0	4.4	5.8	14.7	20.5	20.3	HP 10x42
115	26+39.50	34.73	489.44	488.18	483.7	N	482.7	4.5	5.7	1.0	6.7	0.0	
116	26+42.15	35.71	489.35	487.92	483.7	R	468.9	4.2	5.7	14.9	20.5	20.3	HP 10x42
117	26+44.77	34.66	489.26	488.02	483.6	N	482.6	4.4	5.7	1.0	6.7	0.0	
118	26+47.43	35.62	489.18	487.71	483.6	R	468.7	4.1	5.6	14.9	20.5	20.3	HP 10x42
119	26+50.04	34.56	489.09	487.82	483.6	N	482.6	4.2	5.5	1.0	6.5	0.0	
120	26+52.75	35.50	489.00	487.50	483.6	R	468.5	3.9	5.4	15.1	20.5	20.3	HP 10x42
121	26+55.42	34.59	488.90	487.57	483.6	N	482.6	4.0	5.3	1.0	6.3	0.0	
122	26+58.02	35.67	488.80	487.22	483.6	R	468.3	3.6	5.2	15.3	20.5	20.3	HP 10x42
123	26+60.68	34.74	488.70	487.29	483.6	N	482.6	3.7	5.1	1.0	6.1	0.0	
124	26+63.29	35.81	488.60	486.94	483.6	R	468.1	3.3	5.0	15.5	20.5	20.3	HP 10x42
125	26+65.95	34.86	488.50	487.01	483.6	N	482.6	3.4	4.9	1.0	5.9	0.0	
126	26+68.57	35.90	488.40	486.70	483.6	R	467.9	3.1	4.8	15.7	20.5	20.3	HP 10x42
127	26+71.21	34.94	488.30	486.81	483.6	N	482.6	3.2	4.7	1.0	5.7	0.0	
128	26+73.84	35.96	488.20	486.52	483.6	R	467.7	2.9	4.6	15.9	20.5	20.3	HP 10x42
129	26+79.13	35.98	488.00	486.33	483.6	R	467.5	2.7	4.4	16.1	20.5	20.3	HP 10x42
130	26+81.75	34.97	487.90	486.45	483.6	N	482.6	2.8	4.3	1.0	5.3	0.0	
131	26+84.39	35.96	487.80	486.14	483.6	R	467.3	2.5	4.2	16.3	20.5	20.3	HP 10x42
132	26+87.02	34.94	487.70	486.26	483.5	N	482.5	2.8	4.2	1.0	5.2	0.0	
133	26+89.66	35.90	487.60	485.94	483.5	R	467.1	2.4	4.1	16.4	20.5	20.3	HP 10x42
134	26+92.28	34.86	487.50	486.06	483.5	N	482.5	2.6	4.0	1.0	5.0	0.0	
135	26+94.94	35.81	487.40	485.75	483.5	R	466.9	2.3	3.9	16.6	20.5	20.3	HP 10x42
136	26+97.55	34.75	487.30	485.87	483.5	N	482.5	2.4	3.8	1.0	4.8	0.0	
137	27+00.21	35.67	487.20	485.55	483.5	R	466.7	2.1	3.7	16.8	20.5	20.3	HP 10x42
138	27+02.81	34.59	487.10	485.67	483.5	N	482.5	2.2	3.6	1.0	4.6	0.0	
139	27+05.50	35.50	487.00	485.35	483.5	R	466.5	1.9	3.5	17.0	20.5	20.3	HP 10x42
140	27+08.15	34.55	486.92	485.44	483.4	N	482.4	2.0	3.5	1.0	4.5	0.0	
141	27+10.77	35.60	486.83	485.09	482.7	R	466.3	2.4	4.1	16.4	20.5	20.3	HP 10x42
142	27+13.42	34.63	486.75	485.23	482.4	N	481.4	2.8	4.4	1.0	5.4	0.0	
143	27+16.04	35.66	486.67	484.89	482.1	R	466.2	2.8	4.6	15.9	20.5	20.3	HP 10x42
144	27+18.68	34.67	486.58	485.05	481.5	N	480.5	3.6	5.1	1.0	6.1	0.0	
145	27+21.31	35.68	486.50	484.70	481.1	R	466.0	3.6	5.4	15.1	20.5	20.3	HP 10x42
146	27+23.95	34.67	486.42	484.86	480.8	N	479.8	4.1	5.6	1.0	6.6	0.0	
147	27+26.59	35.66	486.33	484.51	480.5	R	465.8	4.0	5.8	14.7	20.5	20.3	HP 10x42
148	27+29.21	34.64	486.25	484.67	480.2	N	479.2	4.5	6.1	1.0	7.1	0.0	
149	27+31.86	35.61	486.17	484.39	479.9	R	465.7	4.5	6.3	14.2	20.5	20.3	HP 10x42
150	27+34.47	34.56	486.09	484.55	479.5	N	478.5	5.1	6.6	1.0	7.6	0.0	

NOTES:
FOR TYPICAL WALL SECTION, SEE SHEET 4
FOR DRILLED SHAFT WALL PLAN AND ELEVATION, SEE SHEETS 72 – 74

SAMUEL M. SWOR REGISTERED No. PE10910318 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL [signature] 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: SMS DRAWN: JJP
CHECKED: JJA CHECKED: SMS

INDIANA DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT WALL TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	76 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 5:53:47 PM | P:\091050_Mt_Tabor\09 Road - Indiana\04 Design files\DGN\Plans - P:\091050_14_Retaining Walls_Table_01.dgn

DRILLED SHAFT WALL

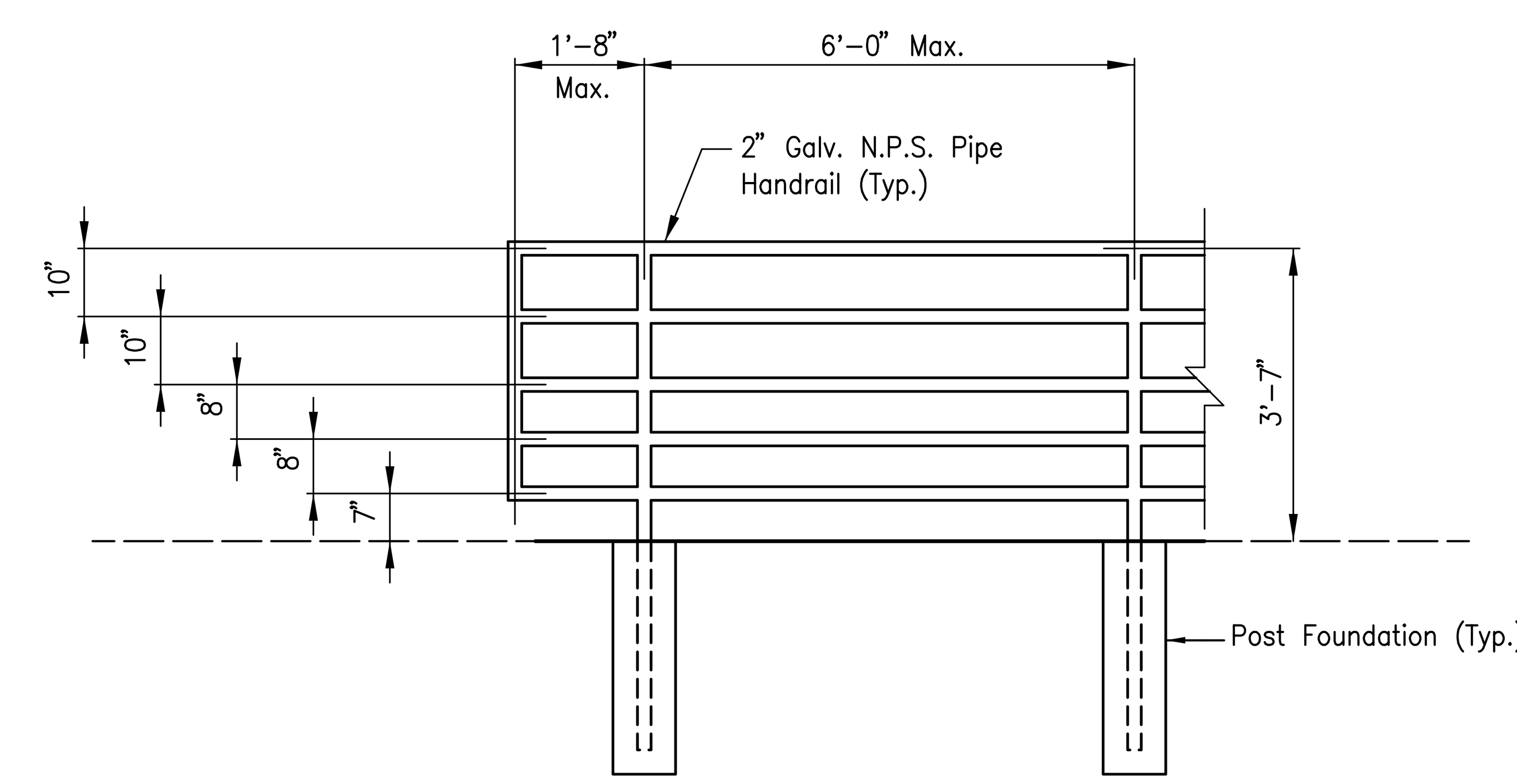
Drilled Shaft Number	Station	Offset	Top of Drilled Shaft El.	Existing Ground El.	Top of Rock El.	Shaft Type (R or N)	Shaft Tip El.	Depth to Bedrock (ft)	Drilled Shaft Above Bedrock (ft)	Drilled Shaft into Bedrock (ft)	Drilled Shaft Total Length (ft)	Steel Pile Length (ft)	Steel Pile Type
151	27+37.13	35.51	486.00	484.39	479.2	R	465.5	5.2	6.8	13.7	20.5	20.3	HP 10x42
152	27+39.74	34.45	485.92	484.53	478.9	N	477.9	5.6	7.0	1.0	8.0	0.0	
153	27+42.40	35.38	485.83	484.28	478.6	R	465.3	5.7	7.2	13.3	20.5	20.3	HP 10x42
154	27+45.00	34.30	485.75	484.42	478.3	N	477.3	6.1	7.4	1.0	8.4	0.0	
155	27+47.66	35.21	485.67	484.17	478.0	R	465.2	6.2	7.7	12.8	20.5	20.3	HP 10x42
156	27+50.25	34.11	485.59	484.31	477.6	N	476.6	6.7	8.0	1.0	9.0	0.0	
157	27+53.00	35.00	485.50	484.06	477.3	R	465.0	6.8	8.2	12.3	20.5	20.3	HP 10x42
158	27+55.65	34.04	485.41	484.19	477.0	N	476.0	7.2	8.4	1.0	9.4	0.0	
159	27+58.27	35.07	485.33	483.93	477.0	R	464.8	6.9	8.3	12.2	20.5	20.3	HP 10x42
160	27+60.91	34.09	485.25	484.03	477.0	N	476.0	7.0	8.3	1.0	9.3	0.0	
161	27+63.54	35.10	485.16	483.83	477.1	R	464.7	6.7	8.1	12.4	20.5	20.3	HP 10x42
162	27+66.17	34.11	485.08	483.91	477.1	N	476.1	6.8	8.0	1.0	9.0	0.0	
163	27+68.81	35.10	484.99	483.73	477.1	R	464.5	6.6	7.9	12.6	20.5	20.3	HP 10x42
164	27+71.43	34.08	484.91	483.81	477.1	N	476.1	6.7	7.8	1.0	8.8	0.0	
165	27+74.07	35.06	484.82	483.63	477.2	R	464.3	6.4	7.6	12.9	20.5	20.3	HP 10x42
166	27+76.69	34.02	484.74	483.71	477.2	N	476.2	6.5	7.5	1.0	8.5	0.0	
167	27+79.34	34.97	484.65	483.53	477.2	R	464.2	6.3	7.5	13.1	20.5	20.3	HP 10x42
168	27+81.95	33.92	484.57	483.61	477.2	N	476.2	6.4	7.4	1.0	8.4	0.0	
169	27+84.61	34.85	484.48	483.43	477.3	R	464.0	6.1	7.2	13.3	20.5	20.3	HP 10x42
170	27+87.21	33.78	484.40	483.51	477.3	N	476.3	6.2	7.1	1.0	8.1	0.0	
171	27+89.87	34.70	484.31	483.32	477.3	R	463.8	6.0	7.0	13.5	20.5	20.3	HP 10x42
172	27+92.46	33.60	484.23	483.40	477.3	N	476.3	6.1	6.9	1.0	7.9	0.0	
173	27+95.13	34.50	484.14	483.21	477.3	R	463.6	5.9	6.8	13.7	20.5	20.3	HP 10x42
174	27+97.71	33.39	484.06	483.29	477.4	N	476.4	5.9	6.7	1.0	7.7	0.0	
175	28+00.39	34.27	483.97	483.10	477.4	R	463.5	5.7	6.6	13.9	20.5	20.3	HP 10x42
176	28+02.96	33.14	483.89	483.18	477.4	N	476.4	5.8	6.5	1.0	7.5	0.0	
177	28+05.75	34.00	483.80	482.99	477.4	R	463.3	5.6	6.4	14.1	20.5	20.3	HP 10x42
178	28+08.30	33.08	483.73	483.04	477.5	N	476.5	5.5	6.2	1.0	7.2	0.0	
179	28+10.89	34.15	483.66	482.82	477.5	R	463.2	5.3	6.2	14.3	20.5	20.3	HP 10x42
180	28+13.55	33.21	483.59	482.87	477.5	N	476.5	5.4	6.1	1.0	7.1	0.0	
181	28+16.15	34.26	483.51	482.65	477.4	R	463.0	5.3	6.1	14.4	20.5	20.3	HP 10x42
182	28+18.80	33.31	483.44	482.70	477.4	N	476.4	5.3	6.0	1.0	7.0	0.0	
183	28+21.41	34.34	483.37	482.48	477.3	R	462.9	5.2	6.1	14.4	20.5	20.3	HP 10x42
184	28+24.05	33.36	483.30	482.53	477.4	N	476.4	5.1	5.9	1.0	6.9	0.0	
185	28+26.68	34.38	483.22	482.31	477.2	R	462.7	5.1	6.0	14.5	20.5	20.3	HP 10x42
186	28+29.31	33.38	483.15	482.37	477.1	N	476.1	5.3	6.1	1.0	7.1	0.0	
187	28+31.94	34.38	483.08	482.15	477.1	R	462.6	5.0	6.0	14.5	20.5	20.3	HP 10x42
188	28+34.56	33.37	483.01	482.21	477.0	N	476.0	5.2	6.0	1.0	7.0	0.0	
189	28+37.20	34.34	482.93	482.03	477.0	R	462.4	5.0	5.9	14.6	20.5	20.3	HP 10x42
190	28+39.81	33.31	482.86	482.08	476.9	N	475.9	5.2	6.0	1.0	7.0	0.0	
191	28+42.46	34.27	482.79	481.90	476.9	R	462.3	5.0	5.9	14.6	20.5	20.3	HP 10x42
192	28+45.07	33.21	482.72	481.96	476.8	N	475.8	5.2	5.9	1.0	6.9	0.0	
193	28+47.72	34.15	482.65	481.77	476.7	R	462.2	5.1	6.0	14.6	20.5	20.3	HP 10x42
194	28+50.32	33.08	482.57	481.83	476.6	N	475.6	5.2	6.0	1.0	7.0	0.0	
195	28+53.00	34.00	482.50	481.65	476.6	R	462.0	5.0	5.9	14.6	20.5	20.3	HP 10x42
196	28+55.66	33.09	482.45	481.69	476.5	N	475.5	5.2	5.9	1.0	6.9	0.0	
197	28+58.25	34.17	482.40	481.48	476.4	R	461.9	5.1	6.0	14.5	20.5	20.3	HP 10x42
198	28+60.91	33.24	482.35	481.54	476.4	N	475.4	5.1	6.0	1.0	7.0	0.0	
199	28+63.51	34.31	482.30	481.32	476.3	R	461.8	5.0	6.0	14.5	20.5	20.3	HP 10x42
200	28+66.16	33.36	482.25	481.40	476.3	N	475.3	5.1	5.9	1.0	6.9	0.0	
201	28+68.77	34.40	482.20	481.18	476.2	R	461.7	5.0	6.0	14.5	20.5	20.3	HP 10x42
202	28+71.41	33.43	482.15	481.25	476.2	N	475.2	5.1	6.0	1.0	7.0	0.0	
203	28+74.03	34.46	482.10	481.03	476.1	R	461.6	4.9	6.0	14.5	20.5	20.3	HP 10x42
204	28+76.67	33.47	482.05	481.10	476.0	N	475.0	5.1	6.1	1.0	7.1	0.0	
205	28+79.30	34.48	482.00	480.89	476.0	R	461.5	4.9	6.0	14.5	20.5	20.3	HP 10x42
206	28+81.92	33.47	481.95	480.96	475.9	N	474.9	5.1	6.1	1.0	7.1	0.0	
207	28+84.56	34.46	481.90	480.73	475.9	R	461.4	4.8	6.0	14.5	20.5	20.3	HP 10x42
208	28+87.18	33.43	481.85	480.81	475.8	N	474.8	5.0	6.1	1.0	7.1	0.0	
209	28+89.82	34.40	481.80	480.58	475.7	R	461.3	4.9	6.1	14.4	20.5	20.3	HP 10x42
210	28+92.43	33.36	481.75	480.66	475.7	N	474.7	5.0	6.1	1.0	7.1	0.0	
211	28+95.08	34.31	481.70	480.43	475.6	R	461.2	4.8	6.1	14.4	20.5	20.3	HP 10x42
212	29+00.34	34.17	481.60	480.28	475.4	R	461.1	4.9	6.2	14.3	20.5	20.3	HP 10x42
213	29+02.94	33.09	481.55	480.40	475.3	N	474.3	5.1	6.3	1.0	7.3	0.0	
214	29+05.75	34.00	481.50	480.16	475.3	R	461.0	4.9	6.2	14.3	20.5	20.3	HP 10x42
215	29+08.26	33.05	481.45	480.27	475.2	N	474.2	5.1	6.3	1.0	7.3	0.0	
216	29+10.87	34.10	481.39	480.01	475.1	R	460.9	4.9	6.3	14.2	20.5	20.3	HP 10x42
217	29+13.51	33.13	481.34	480.11	475.1	N	474.1	5.0	6.2	1.0	7.2	0.0	
218	29+16.13	34.16	481.28	479.85	475.0	R	460.8	4.9	6.3	14.2	20.5	20.3	HP 10x42
219	29+18.76	33.17	481.22	479.95	474.9	N	473.9	5.1	6.3	1.0	7.3	0.0	
220	29+21.39	34.18	481.17	479.70	474.8	R	460.7	4.9	6.4	14.1	20.5	20.3	HP 10x42
221	29+24.01	33.17	481.11	479.80	474.8	N	473.8	5.0	6.3	1.0	7.3	0.0	
222	29+26.65	34.16	481.06	479.54	474.7	R	460.6	4.8	6.4	14.1	20.5	20.3	HP 10x42
223	29+29.26	33.14	481.00	479.64	474.6	N	473.6	5.0	6.4	1.0	7.4	0.0	
224	29+31.91	34.11	480.95	479.37	474.6	R	460.5	4.8	6.3	14.2	20.5	20.3	HP 10x42
225	29+34.52	33.06	480.89	479.47	474.5	N	473.5	5.0	6.4	1.0	7.4	0.0	

DRILLED SHAFT WALL

Drilled Shaft Number	Station	Offset	Top of Drilled Shaft El.	Existing Ground El.	Top of Rock El.	Shaft Type (R or N)	Shaft Tip El.	Depth to Bedrock (ft)	Drilled Shaft Above Bedrock (ft)	Drilled Shaft into Bedrock (ft)	Drilled Shaft Total Length (ft)	Steel Pile Length (ft)	Steel Pile Type
226	29+37.16	34.01	480.84	479.11	474.4	R	460.3	4.7	6.4	14.1	20.5	20.3	HP 10x42
227	29+39.77	32.95	480.78	479.26	474.4	N	473.4	4.9	6.4	1.0	7.4	0.0	
228	29+42.42	33.88	480.72	479.06	474.3	R	460.2	4.8	6.4	14.1	20.5	20.3	HP 10x42
229	29+45.01	32.80	480.67	479.20	474.2	N	473.2	5.0	6.5	1.0	7.5	0.0	
230	29+47.68	33.71	480.61	479.00	474.1	R	460.1	4.9	6.5	14.0	20.5	20.3	HP 10x42
231	29+50.26	32.61	480.56	479.15	474.0	N	473.0	5.1	6.6	1.0	7.6	0.0	
232	29+53.00	33.50	480.50	478.94	473.9	R	460.0	5.0	6.6	13.9	20.5	20.3	HP 10x42
233	29+55.59	32.43	480.44	479.07	473.9	N	472.9	5.2	6.5	1.0	7.5	0.0	
234	29+58.25	33.34	480.38	478.86	473.8	R	459.9	5.1	6.6	13.9	20.5	20.3	HP 10x42
235	29+60.83	32.25	480.32	478.98	473.7	N	472.7	5.3	6.6	1.0	7.6	0.0	
236	29+63.50	33.14	480.26	478.80	473.6	R	459.8	5.2	6.7	13.8	20.5	20.3	HP 10x42
237	29+66.07	32.03	480.21	478.95	473.6	N	472.6	5.3	6.6	1.0	7.6	0.0	
238	29+68.75	32.91	480.15	478.80	473.5	R	459.7	5.3	6.7	13.9	20.5	20.3	HP 10x42
239	29+71.30	31.78	480.09	478.95	473.4	N	472.4	5.6	6.7	1.0	7.7	0.0	
240	29+73.99	32.63	480.03	478.80	473.4	R	459.5	5.4	6.6	13.9	20.5	20.3	HP 10x42
241	29+76.54	31.48	479.97	478.95	473.3	N	472.3	5.6	6.7	1.0	7.7	0.0	
242	29+79.16	32.32	479.91	478.79	473.2	R	459.4	5.6	6.7	13.8	20.5	20.3	HP 10x42
243	29+81.58	31.16	479.86	478.94	473.2	N	472.2	5.7	6.7	1.0	7.7	0.0	
244	29+84.25	32.00	479.80	478.79	473.1	R	459.3	5.7	6.7	13.8	20.5	20.3	HP 10x42

SUMMARY OF QUANTITIES–WALL 7

DESCRIPTION	QUANTITY	UNIT
DRILLED SHAFT 30 IN. DIAMETER, REINFORCED	2,542	LFT
DRILLED SHAFT 30 IN. DIAMETER, UNREINFORCED	970	LFT
HANDRAIL, PEDESTRIAN	389	LFT



HANDRAIL DETAILS
Scale: ½" = 1'–0

NOTE:
For Handrail Details, See Special Provisions.

NOTES:
FOR TYPICAL WALL SECTION, SEE SHEET 4
FOR DRILLED SHAFT WALL PLAN AND ELEVATION, SEE SHEETS 72 – 74

SAMUEL M. SWOR REGISTERED No. PE10910318 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL [signature] 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: SMS DRAWN: JJP
CHECKED: JJA CHECKED: SMS

INDIANA
DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT WALL TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	77 of 146
CONTRACT	PROJECT NO.
R–33319	0710808

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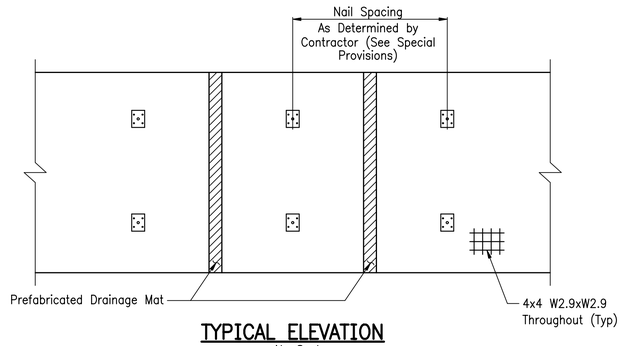
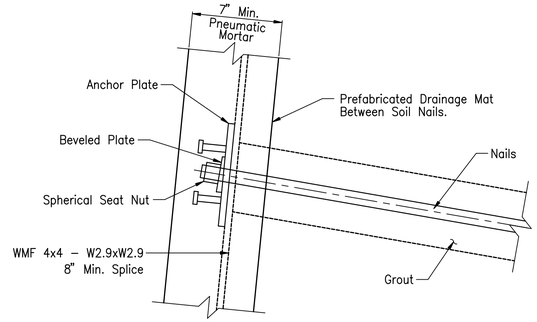
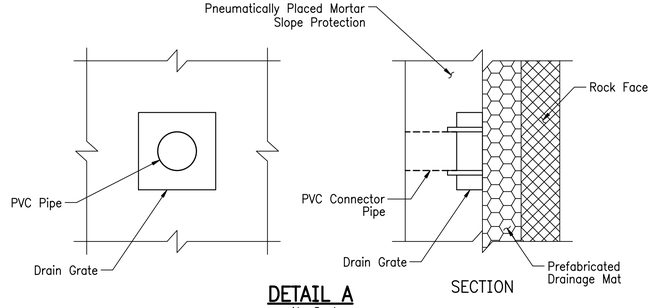


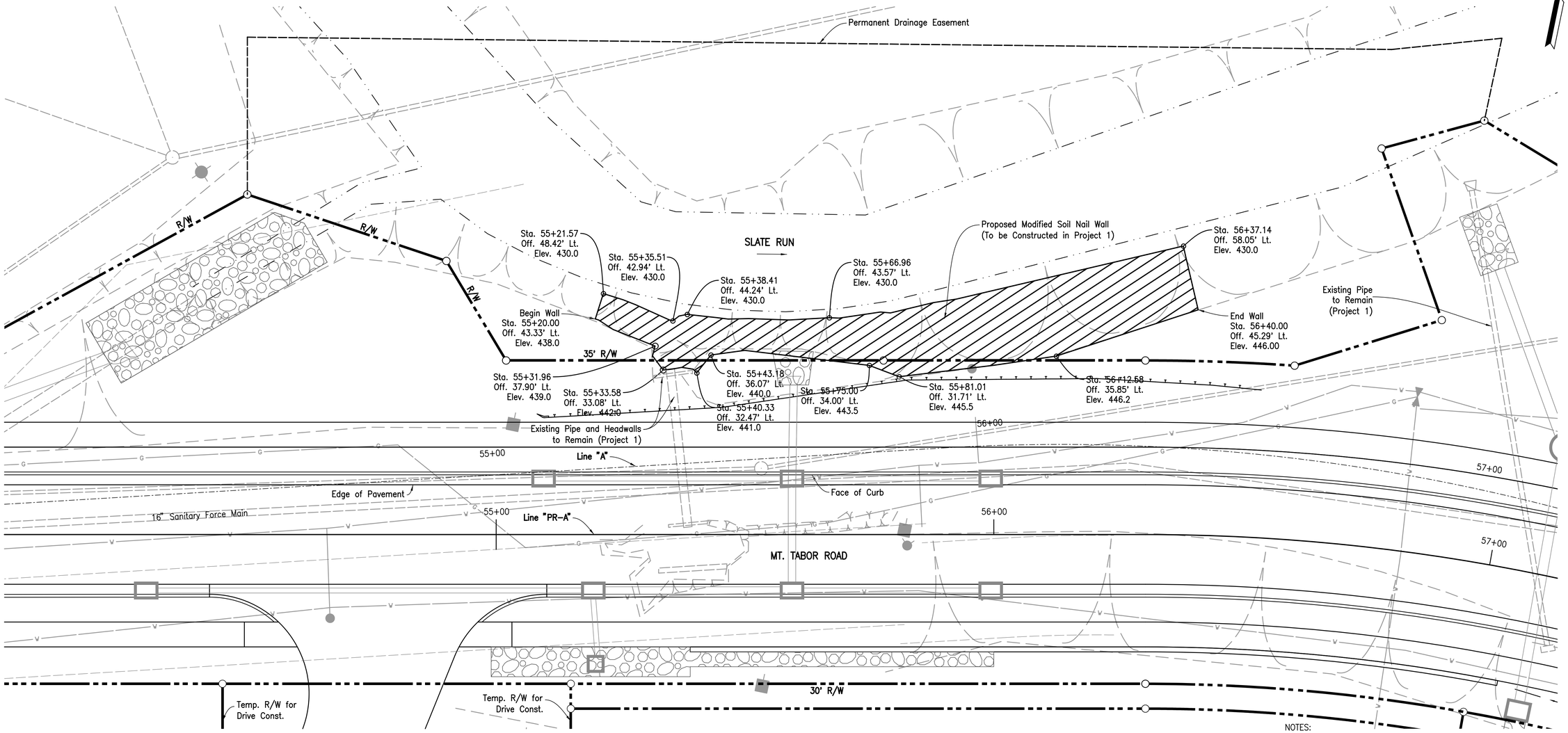
TYPICAL ELEVATION
No Scale



NAIL HEAD DETAIL
No Scale



DETAIL A
No Scale



PROPOSED PROJECT 2 ROAD RECONSTRUCTION SHOWN FOR INFORMATION ONLY.

WALL PLAN
Scale: 1" = 10'

NOTES:
ALL STATIONS/OFFSETS DESCRIBED FROM LINE "PR-A" UNLESS OTHERWISE NOTED.
FOR TYPICAL WALL SECTION, SEE SHEET 4.
FOR LOCATION OF DETAIL "A", SEE SHEET 4.

SAMUEL M. SWOR
REGISTERED
No. PE10910318
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL [signature] 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: SMS DRAWN: RLH/MAB
CHECKED: MSM CHECKED: SMS

INDIANA DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS
"PR-A" 55+20 TO 56+40 LT

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N.A.
VERTICAL SCALE	DESIGNATION NO.
AS NOTED	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	78 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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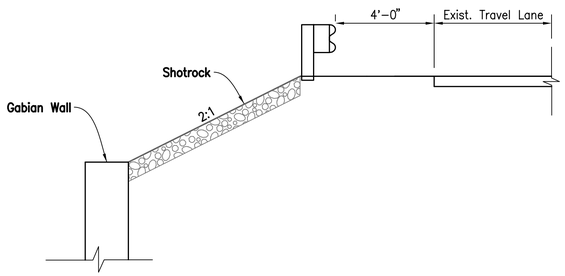
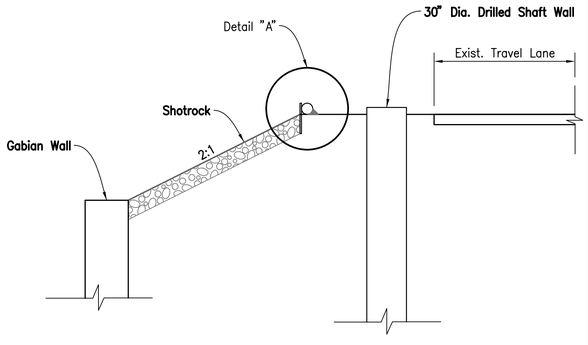
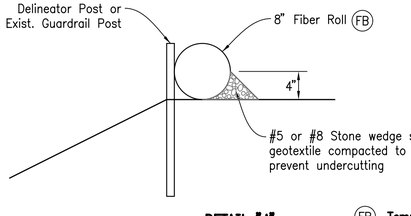


Existing Typical Section



Proposed Typical Section



DETAIL "A"

(FB) Temporary Filter Berm

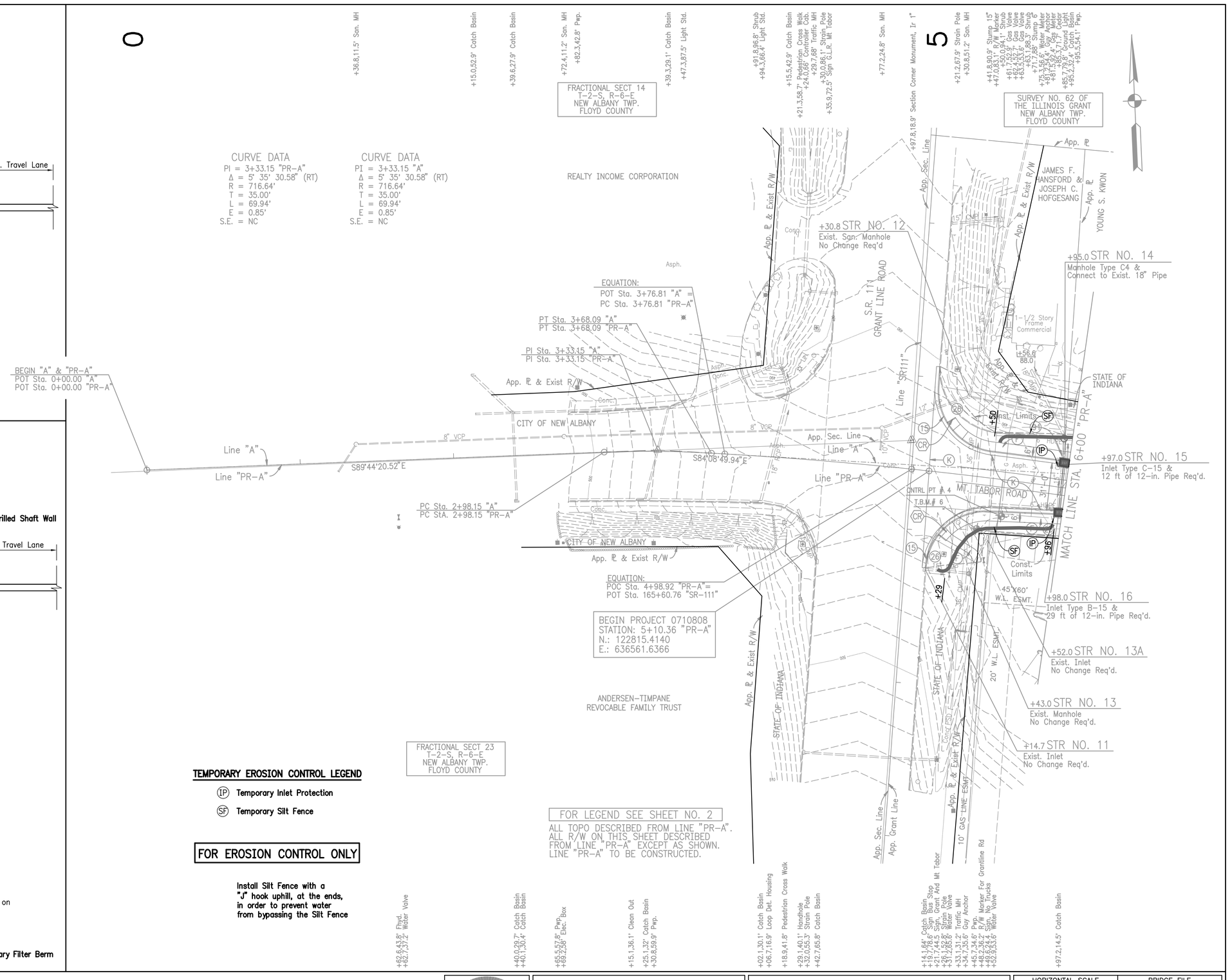
TEMPORARY EROSION CONTROL LEGEND

(IP) Temporary Inlet Protection

(SF) Temporary Silt Fence

FOR EROSION CONTROL ONLY

Install Silt Fence with a "J" hook uphill, at the ends, in order to prevent water from bypassing the Silt Fence



MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB

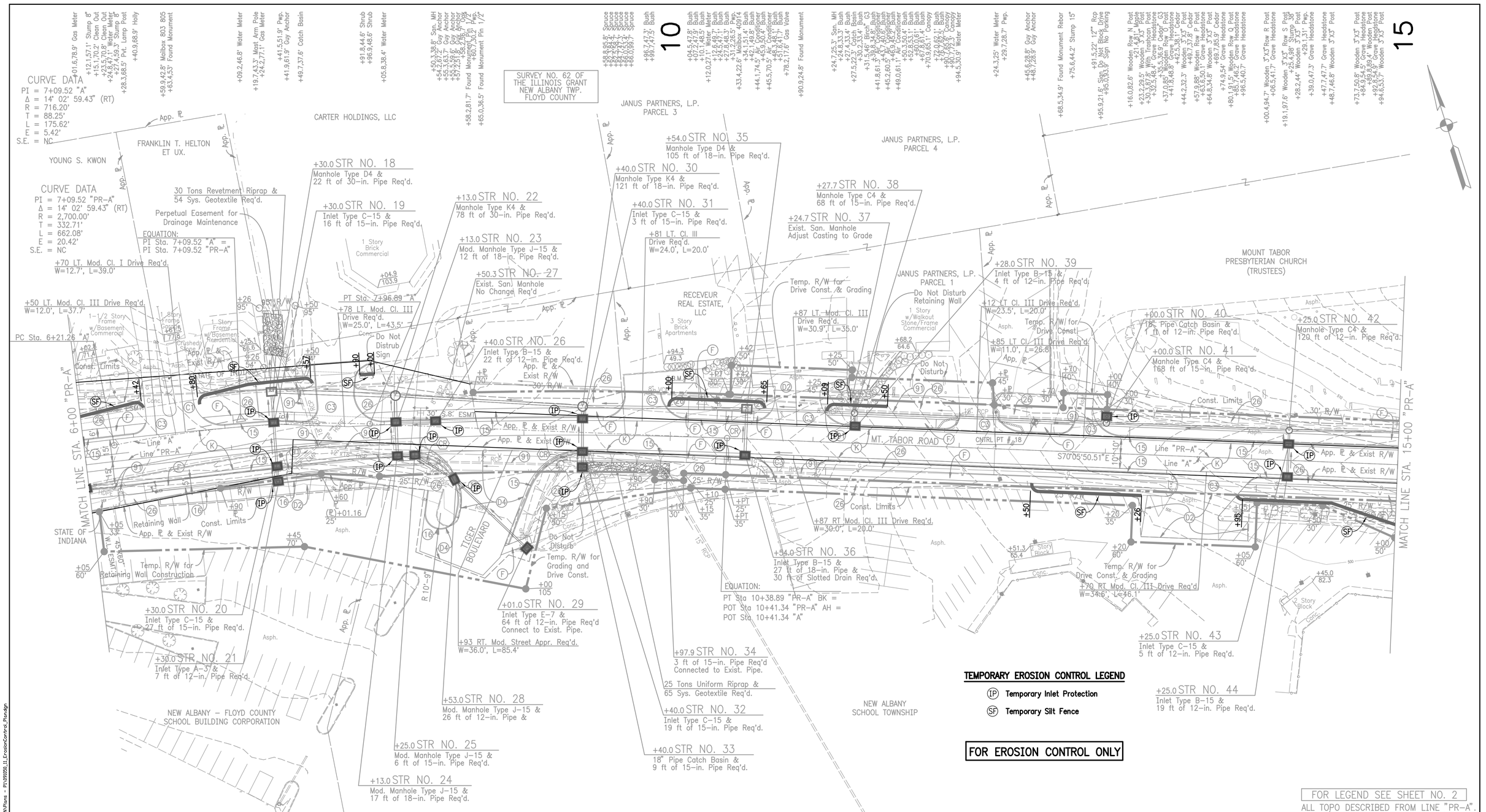
CHECKED: MSM | CHECKED: AJS

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN BEGIN TO STA. 6+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	79 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 5:54:57 PM | P:\0710808_Mt_Tabor-V9 Road - Indiana\04 Design Files\SDA\Plans - P1\0710808_11_ErosionControl_Plan.dgn



FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A".
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: MAB
CHECKED: MSM CHECKED: AJS

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 6+00 TO 15+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	80 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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15

+07.4,48.1' Grave Headstone
+11.2,91.1' Wooden Post
+14.4,56.4' Wooden Post
+33.6,86.1' Shrub
+35.0,98.1' Wooden Post
+35.4,72.6' Grave Headstone
+43.0,60.8' Wooden Post
+44.2,47.6' Grave Headstone
+54.8,63.4' Sn. MH
+58.1,44.9' Grave Headstone
+61.4,18.1 Sign, Pedestrain Crossing
+90.7,21.8' 12"ᴹ Rcp
+16.7,21.7' 12"ᴹ Rcp
+18.7,19.3 Sign, Do Not Block The Drive
+53.7,48.8' Grave Headstone
+63.1,47.3' Grave Headstone
+85.3,50.4' Bush
+89.1,51.4' Cedar
+67.9,95.8' Cedar
+98.8,47.1' Grave Headstone
+09.0,9.4' Found Monument, Rdg
+09.9,48.7' Grave Headstone
+14.5,67.5' Cedar
+20.1,52.9' Grave Headstone
+21.5,62.2' Pwp.
+31.2,57.6' Grave Headstone
+38.6,26.1' Sign, Hidden Entrance
+42.9,18.9 Sign, Slow Children
+43.8,36.5' Grave Headstone
+52.0,44.5' Grave Headstone
+63.9,39.4' Grave Headstone
+83.1,48.6' Grave Headstone
+90.8,21' Sn. MH
+93.6,40.9' Grave Headstone
+02.5,68' Cedar
+02.8,34.1' Grave Headstone
+17.8,41' Grave Headstone
+31.6,40.4' Grave Headstone
+37.8,33.1' R/W Marker
+43.9,41.4' Conc. With V Post
+45.2,78.4' Grave Headstone
+98.1,41.5' Pwp.
+21.4,58.4' Guy Anchor
+26.7,60.2' Guy Anchor
+31.8,64.6' Pwp.
+52.2,4.1' Found Monument Rdg
+78.6.39' Water Meter
20
+06.9,38.7' 15"ᴿ Rcp
+12.7.29' For Ids Sign Post
Speed Lmt. Sign 30 Mph
+12.7,26.6' Speed Lmt. Sign 30 Mph
+46.5,43.3' Metal Post
+49.5,52.2' Guy Anchor
+51.7,51.9' Guy Anchor
+47.6.0' Gas Valve
+93.9,39.5' Guy Anchor
+93.9,42.7' Guy Anchor
+94.7,32.1' Pwp.
+05.5,11.5' Sn. MH
+75.1,38.8' Pwp.

TEMPORARY EROSION CONTROL LEGEND

(IP) Temporary Inlet Protection
(SF) Temporary Silt Fence
(FB) Temporary Filter Berm (For Details See Sht. No. 79)

FOR EROSION CONTROL ONLY

CURVE DATA
PI = 21+55.37 "PR-A"
Δ = 12° 54' 49.20" (RT)
R = 940.00'
T = 106.38'
L = 211.86'
E = 6.00'
S.E. = NC

CURVE DATA
PI = 21+08.10 "A"
Δ = 17° 13' 27.91" (RT)
R = 950.00'
T = 143.88'
L = 285.59'
E = 10.83'
S.E. = NC

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

CITY OF NEW ALBANY

SLATE RUN

MOUNT TABOR PRESBYTERIAN CHURCH (TRUSTEES)

+04 LT, Cl. III Drive Req'd. W=12.7', L=20'

PC Sta. 15+66.40 "PR-A"
PC Sta. 15+66.40 "A"

+50.0 STR NO. 48A
Manhole Type C4 &
195 ft of 12-in. Pipe Req'd.

±35.0 STR NO. 45
18" Pipe Catch Basin &
3 ft of 12-in. Pipe Req'd.

+35.0 STR NO. 46
Manhole Type C4 &
202 ft of 12-in. Pipe Req'd.

+50.0 STR NO. 48
Inlet Type C-15 &
6 ft of 12-in. Pipe Req'd.

+90.8 STR NO. 47
Exist. San. Manhole
No Change Req'd

+50.0 STR NO. 49
Inlet Type B-15 &
20 ft of 12-in. Pipe Req'd.

+18.0 STR NO. 54
Inlet Type B-15 &
20 ft of 12-in. Pipe Req'd.

+50.0 STR NO. 50
Manhole Type C4 &
67 ft of 12-in. Pipe Req'd.

+52.2 STR NO. 51
Inlet Type C-15 &
11 ft of 12-in. Pipe Req'd.

+52.4 STR NO. 52
Inlet Type B-15 &
19/ft of 12-in. Pipe Req'd.

+20.0 STR NO. 53
Manhole Type C4 &
10 ft of 18-in. Pipe Req'd.

+17.4 STR NO. 55
Inlet Type C-15 &
11 ft of 12-in. Pipe Req'd.

+05.0 STR NO. 59
Exist. Force Main Manhole
Adjust to Grade
CNTRL PT # 28

+53.4 STR NO. 61
18" Pipe Catch Basin &
45 ft of 12-in. Pipe Req'd.

+00.0 STR NO. 62
Inlet Type C-15 &
130 ft of 12-in.
Pipe Req'd.

9 Tons Revetment Riprap &
20 Sys. Geotextile Req'd.

Perpetual Drainage Easement

Drilled Shaft Retaining Wall

MATCH LINE STA. 15+00 "PR-A"

MATCH LINE STA. 24+00 "PR-A"

Line "PR-A"

Line "A"

N72°24'01.76"E

N67°15'56.69"E

N85°18'50.94"E

S06°01'43.99"E

MT. TABOR ROAD

SPRINKLER ST

W. OAKWOOD DRIVE

Temp. R/W for Grading

Temp. R/W for Drive Const.

Temp. R/W for Drive Const. & Yard Grading

Remove Landscape Wall

Do Not Disturb Bush & Pavers

Do Not Disturb Light Pole & Plants

+48 RT. Cl. III Drive Req'd W=24.1', L=20'

+01 RT. Mod. Cl. III Drive Req'd. W=12', L=20'

+13 RT. Mod. Cl. III Drive Req'd. W=10.3', L=23.6'

+75 RT. "S-2-A" Mod. Cl. I Drive Req'd. W=18.0', L=24.5'

+66 RT. Mod. Cl. I Drive Req'd W=16.0', L=20.0'

PI Sta. 17+49.82 "A"
PI Sta. 17+25.96 "PR-A"

POC Sta. 18+74.03 "A" =
PT Sta. 18+74.03 "PR-A"

PT Sta. 19+16.15 "A"
PC Sta. 19+64.22 "A"
PC Sta. 20+48.99 "PR-A"
PT Sta. 21+08.10 "A"
PT Sta. 21+55.37 "PR-A"
EQUATION:
PRT Sta. 3+00.00 = S-2-A"
POC Sta. 21+79.78 "PR-A"
PT Sta. 22+49.81 "A"
PT Sta. 22+60.85 "PR-A"
POT Sta. 2+50.00 "S-2-A"

CURVE DATA
PI = 17+25.96 "PR-A"
Δ = 37° 30' 07.73" (LT)
R = 470.00'
T = 159.55'
L = 307.63'
E = 26.34'
S.E. = NC

CURVE DATA
PI = 17+49.82 "A"
Δ = 42° 38' 12.80" (LT)
R = 470.00'
T = 183.42'
L = 349.75'
E = 34.52'
S.E. = NC

NEW ALBANY SCHOOL TOWNSHIP

CYNTHIA WATTERS & NATHAN WATTERS LOT 6

OAKWOOD SUBDIVISION SECTION 1

JANICE E. GOODMAN LOT 4

SHERRI A. LAYMAN LOT 3

LOT 9

LOT 10

OAKWOOD SUBDIVISION SECTION 1

2 Story Stone/Frame Residential
1 Story Frame Garage
1 Story Stone Commercial
2 Story Brick/Frame Residential
1 Story Brick Residential

FOR DRILLED SHAFT RETAINING WALL DETAILS SEE SHEET Nos. 72-77

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-A". ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN. LINE "PR-A" TO BE CONSTRUCTED.

+57.2,97.6' Pwp.
+45.9,38' Oak
+60.1,40.8' Maple
+60.0,42.4' Cedar
+79.6,38' Maple
+81.0,41.8' Maple
+89.1,38.3' Maple
+95.9,37.9' Oak
+97.5,21.4' Water Meter
+00.4,21.8' Lwn Sprkr V.
+16.2,31.6' Fhyd.
+22.1,92.2' Guy Anchor
+21.1,37.2' Gas Valve
+21.7,21.6' Gas Valve
+21.9,18.3' Light Std.
+01.0,73.5' Maple
+58.8,41' Water MH
+59.4,39.5' Water Valve Post Indicator Valve
+77.2,19.2' Speed Lmt. Sign 30 Mph
+52.9,72.7' Maple
+74.5,17.1' Water Valve
+93.6,13.3' Hdwl.
+93.5,15.5' Hdwl.
+93.6,17.7' Hdwl.
+90.0,15.9' Mailbox
+18.8,20' Water Meter
+21.6,62.4' Ash
+19.0,12.8' Found Monument, Rebar
+26.0,79.4' Maple
+33.9,6.3' Wooden Post
+32.4,15.1' Guy Anchor
+36.2,15.7' Wooden Post
+50.2,6.8' Wooden Post
+72.0,11.1' Wooden Post
+77.4,11.8' Wooden Post
+82.9,12.3' Wooden Post
+88.4,12.6' Wooden Post
+93.9,13.0' Wooden Post
+98.9,13.6' Wooden Post
+04.2,14.2' Wooden Post
+15.8,15.1' Wooden Post
+21.3,41.9' Maple
+43.5,83.8' Mailbox 3511
+74.8,68.1' Bush
+03.7,87.9' Mailbox Paperbox
+03.7,88.5' Mailbox 3512
+04.1,13.3' Water Valve
+12.2,46.6' Fhyd.
+13.8,31.9' Shrub
+13.9,33.1' Shrub
+14.5,82.7' Pvt. Lamp Post
+19.4,31.6' Shrub
+22.5,41.2' Maple
+07.1,18' Found Monument, Rebar
+19.2,53.3' Holly
+31.3,39.5' Willow
+38.1,14.4' Water Meter
+54.4,14.1' Pvt. Lamp Post
+77.6,12.2' Mailbox 930
+78.2,11.3' Mailbox Paperbox
+79.0,48.3' Holly
+79.1,13.2' Gas Valve
+85.8,16.2' Found Monument, Rebar
+93.2,33.3' Shrub
+99.9,69.2' Maple

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: AJS

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 15+00 TO 24+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808

SURVEY BOOK	SHEETS
ELECTRONIC	81 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 1:54:59 PM I PV091059_Mt_Tabor-V9 Road - Indiana\M Design Files\3D\N\Plans - PV091059_11_ErosionControl_Plan.dgn

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TEMPORARY EROSION CONTROL LEGEND

- (IP) Temporary Inlet Protection
- (SF) Temporary Silt Fence
- (FB) Temporary Filter Berm (For Details See Sht. No. 79)

FOR EROSION CONTROL ONLY

+49.3,41.5' Pwp.
+51.2,54.9' Guy Anchor
+91.6,37.2' Sign Curve Left R
+28.6,6.4' San. MH
+30.2, 34.9' Guardrail Left
+59.9,46.7' Gabion Wall Left
+59.9,46.7' Gabion Wall Left
+23.3,40.2' Pwp.
+25.8,40.2' Guardrail Left
+08.6, 51' Guardrail Left
+262.5,49.5' Guy Anchor
+08.6,42.8' 24" Cmp
+59.7,35.2' Pwp.
+69.9,32.5' Ash" G4
+95.1,84.3' Sycamore
+00.5,39.4' Found Monument, Ip
+23.7,33.7' Ash
+27.2,33.2' Power Pole
+29.9,38.5' Water Meter
+34.5,7.4' Water Valve
+39.0,98.7' Pine
+67.1,38.4' Stump 12"
+72.9,37.9' Shrub
+74.8,64.1' Catch Basin
+78.1,37.3' Stump 14"
+07.6,98.4' Cistern
+07.6,96.8' Catch Basin
+95.5,8.4' San. MH
+98.5,37' Pine
+16.4,49.7' Pvt. Lamp Post
+32.5,31.4' Guy Anchor
+34.3,26.9' Mailbox 1013
+35.0,29.2' Found Monument, Ip
+39.1,91.3' Cedar" G3
+40.8,4.7' Found Monument Reading Pt. No. 3692
+47.5,24.3 Right Curve
+69.3,95.2' Holly
+74.1,72.2' Magnolia
+91.0,66.7' Apple
+95.2,94.4' Cherry
+97.5,92.6' Maple

SURVEY NO. 62 OF THE ILLINOIS GRANT NEW ALBANY TWP. FLOYD COUNTY

App. ℙ

CURVE DATA
PI = 27+81.81 "A"
Δ = 28° 41' 28.68" (LT)
R = 675.00'
T = 172.63'
L = 338.01'
E = 21.72'
S.E. = NC

CURVE DATA
PI = 27+92.30 "PR-A"
Δ = 31° 38' 05.77" (LT)
R = 690.00'
T = 195.48'
L = 380.97'
E = 27.16'
S.E. = NC

CITY OF NEW ALBANY

MARK A. SIGWALT

JACK M. GABLE & DOROTHY M. GABLE

+35.0 STR NO. 64
Inlet Type C-15 &
27 ft of 12-in. Pipe Req'd.

+35.0 STR NO. 65
Inlet Type C-15 &
19 ft of 12-in. Pipe Req'd.
& 20 ft of Slotted Drain

4 Tons Revetment Riprap &
11 Sys. Geotextile Req'd.

PC Sta. 25+96.82 "PR-A"

PC Sta. 26+09.18 "A"

4 Tons Revetment Riprap &
11 Sys. Geotextile Req'd.

4 Tons Revetment Riprap &
11 Sys. Geotextile Req'd.

+00.0 STR NO. 69
Inlet Type C-15 &
24 ft of 12-in. Pipe Req'd.

65 Tons Class 1 Riprap &
82 Sys. Geotextile Req'd.

PT Sta. 29+77.79 "PR-A"

PT Sta. 29+47.19 "A"

+27.7 STR NO. 72
Manhole Type C4 &
13 ft of 15-in. Pipe Req'd.

+21 LT. Cl. I Drive Req'd.
W=13.7', L=30.0'

+34.0 STR NO. 73
Inlet Type C-15 &
15 ft of 15-in. Pipe Req'd.

+65.0 STR NO. 76
Inlet Type B-15 &
26 ft of 12-in. Pipe Req'd.

+46 LT. Mod. Cl. I Drive Req'd.
W=18.6', L=30.0'

Temp. R/W for Drive Const.

Temp. R/W for Drive Const.

Const. Limits

Perpetual Drainage Easement

Drilled Shaft Retaining Wall

Exist. Gabion Wall Remain in Place

Drilled Shaft Retaining Wall

Remove G.R.

Remove Exist. Brick Pillar

Remove Exist. Storm Drain

Storm Drain Easement

Do Not Distrub Brick Pillar

+62 RT. Mod. Cl. I Drive Req'd.
W=38.1', L=31.5'

Temp. R/W for Drive Const.

+34.0 STR NO. 74
Inlet Type C-15 &
20 ft of 15-in. Pipe &
20 ft of Slotted Drain Req'd.

+60.0 STR NO. 75
Inlet Type C-15 &
21 ft of 15-in. Pipe &
10 ft of Slotted Drain Req'd.

+33.0 STR NO. 71
Inlet Type B-15 &
29 ft of 12-in. Pipe Req'd.

+00.0 STR NO. 70
Inlet Type C-15 &
20 ft of 12-in. Pipe Req'd.

PI Sta. 27+92.30 "PR-A"

PI Sta. 27+81.81 "A"

+75.0 STR NO. 67
Inlet Type B-15 &
50 ft of 12-in. Pipe Req'd.

AYMIE MULLINS & WILLIAM SPAULDING
LOT 13

+54 RT. Mod. Cl. I Drive Req'd.
W=10.3', L=20.2'

LOT 14

STEVEN MENNEMEYER ET UX.

+06 RT. Mod. Street Appr. Req'd.
W=18.7', L=44.2'

+78 RT. Mod. Street Appr. Req'd.
W=18.3', L=44.2'

Landscape Wall to Remain

Temp. R/W for Yard Grading

Temp. R/W for Yard Grading

+00.0 STR NO. 62
Inlet Type C-15 &
130 ft of 12-in. Pipe Req'd.

+42 RT. Mod. Cl. I Drive Req'd.
W=8.8', L=20'

MELVIN F. CARDONA & DEISY S. BLANCO
LOT 2

DOUGLAS S. YOCKEY & NANCY S. YOCKEY
LOT 1

LOT 11

LOT 12

OAKWOOD SUBDIVISION SECTION 1

E. OAKWOOD DRIVE

MT. TABOR ROAD

MATCH LINE STA. 24+00 "PR-A"

MATCH LINE STA. 33+00 "PR-A"

N85°18'50.94"E Line "A"

N53°40'45.18"E Line "PR-A"

App. ℙ & Exist R/W

Const. Limits

Tri-Level Brick/Frame Residential

2 Story Brick/Frame Residential

1 Story Stone W/Basement Residential

2 Story Brick/Frame Residential

Conc.

Asph.

Shrubs

Gravel

Fence

Wood

Metal

Overhead Utility

Water Line

Gas Line

Sanitary Sewer

Storm Sewer

Underground Utility

Fiber Optic

Electric Line

Telephone Line

Ditch

Top of Bank

Toe of Slope

Edge of Water

Rock Line

Tree Line

Culvert

Retaining Wall

Guardrail

Curb

Curb & Gutter

Concrete Pavement

Asphalt Pavement

Gravel Pavement

Concrete Sidewalk

Asphalt Sidewalk

Gravel Sidewalk

Concrete Driveway

Asphalt Driveway

Gravel Driveway

Concrete Apron

Asphalt Apron

Gravel Apron

Concrete Curb Ramp

Asphalt Curb Ramp

Gravel Curb Ramp

Concrete Curb Ramp with Detectable Warning

Asphalt Curb Ramp with Detectable Warning

Gravel Curb Ramp with Detectable Warning

Concrete Curb Ramp with Detectable Warning and Gravel

Asphalt Curb Ramp with Detectable Warning and Gravel

Gravel Curb Ramp with Detectable Warning and Gravel

Concrete Curb Ramp with Detectable Warning and Asphalt

Asphalt Curb Ramp with Detectable Warning and Asphalt

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Asphalt Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Gravel

Gravel Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Gravel

Concrete Curb Ramp with Detectable Warning and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete

Asphalt Curb Ramp with Detectable Warning and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete

Gravel Curb Ramp with Detectable Warning and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete

Concrete Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt

Asphalt Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt

Gravel Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt

Concrete Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Gravel

Asphalt Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Gravel

Gravel Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Gravel

Concrete Curb Ramp with Detectable Warning and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt

Asphalt Curb Ramp with Detectable Warning and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt

Gravel Curb Ramp with Detectable Warning and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt

Concrete Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete

Asphalt Curb Ramp with Detectable Warning and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete and Asphalt and Concrete

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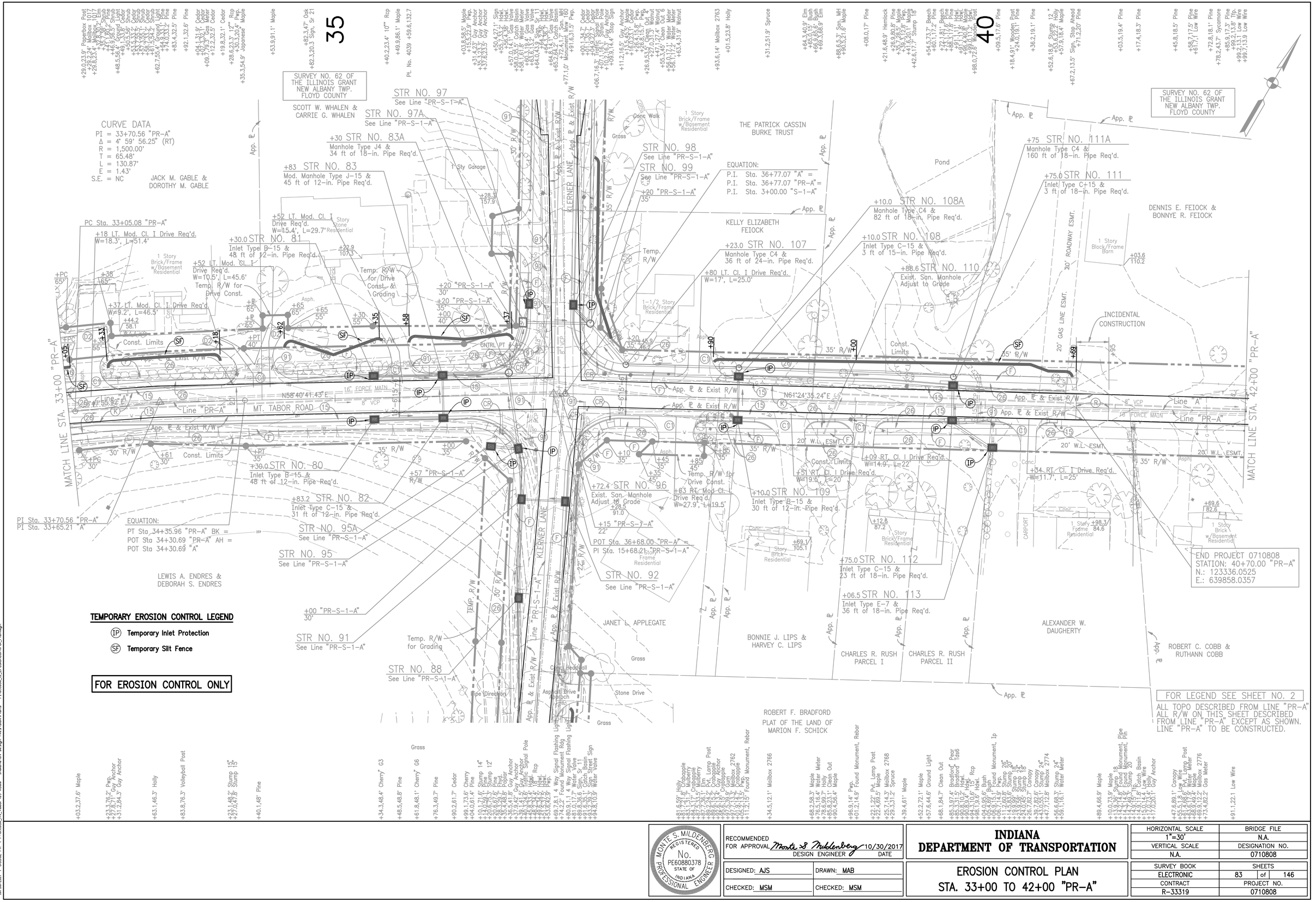


MONTIE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

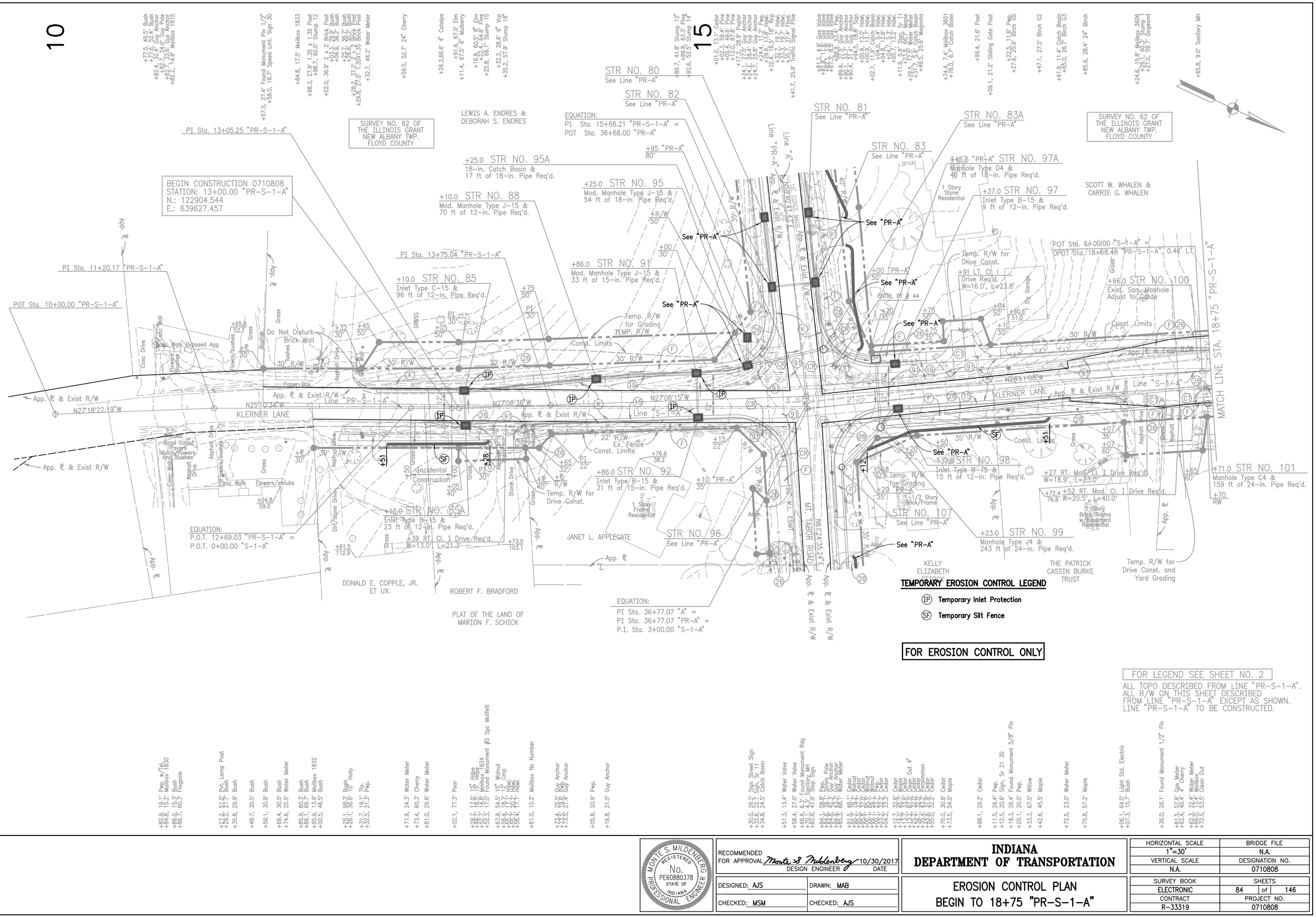
DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 33+00 TO 42+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	83 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 I 55502 PM I P:\091650_M_Tabor\09 Road - Indiana\04 Design Files\10GN\Plans - P1\091650_11_ErosionControl_Plan.dgn



MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

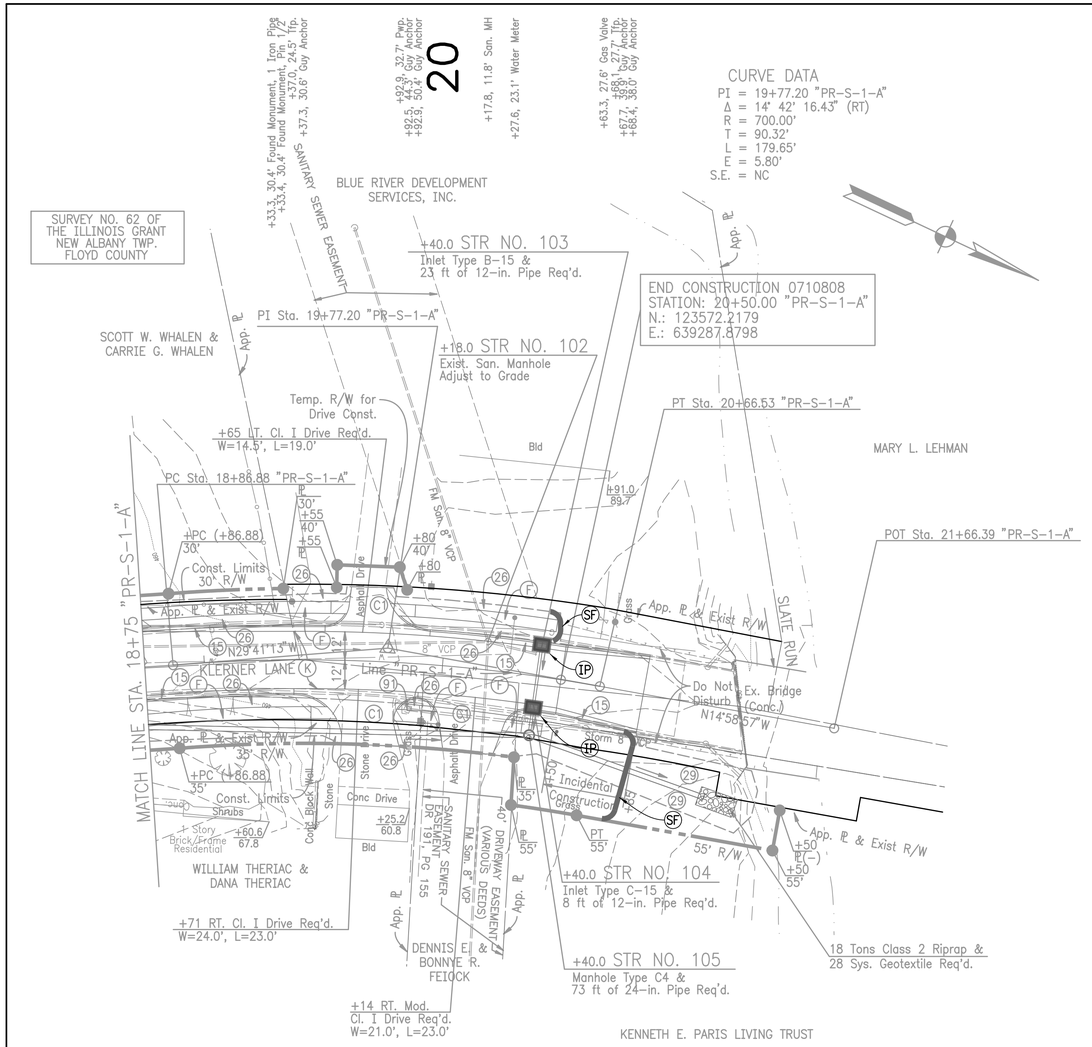
DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: AJS

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
BEGIN TO 18+75 "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	84 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 | 55503 PM | P:\V95059_MT_Tabor\09 Road - Indiana\04 Design Files\3D\V9Plans - P1\V95059_11_ErosionControl_Plan.dgn



TEMPORARY EROSION CONTROL LEGEND

(IP) Temporary Inlet Protection

(SF) Temporary Silt Fence

FOR EROSION CONTROL ONLY

FOR LEGEND SEE SHEET NO. 2

ALL TOPO DESCRIBED FROM LINE "PR-S-1-A".
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-S-1-A" EXCEPT AS SHOWN.
LINE "PR-S-1-A" TO BE CONSTRUCTED.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: AJS

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 18+75 TO END "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	85 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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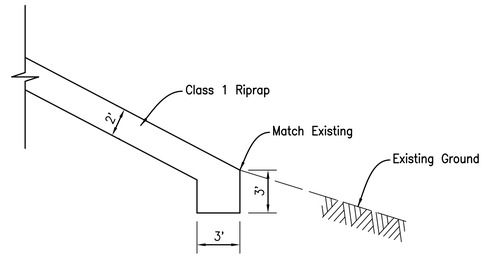
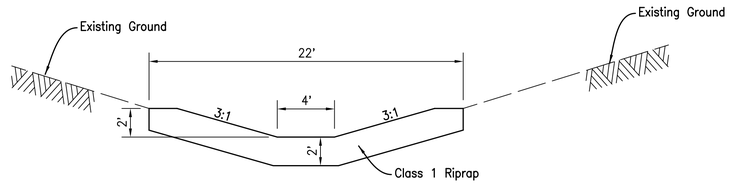
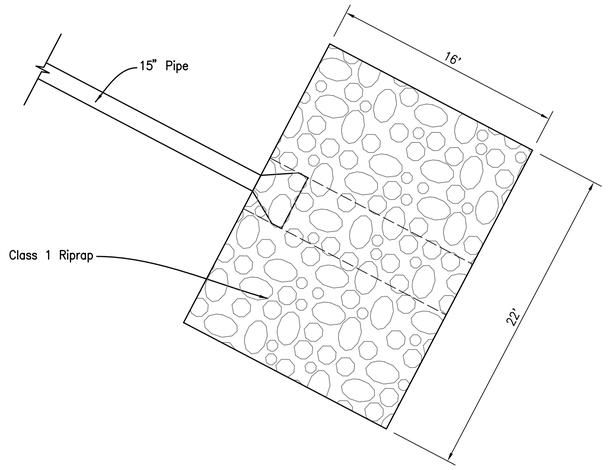


RIPRAP TOE DETAIL
NOT TO SCALE



CROSS SECTION
NOT TO SCALE



PLAN VIEW
NOT TO SCALE

STR. No. 72

STA. 30+28.00 LINE "PR-A"

MONTE S. MILDENBERG
REGISTERED
No.
PE60880378
STATE OF
INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

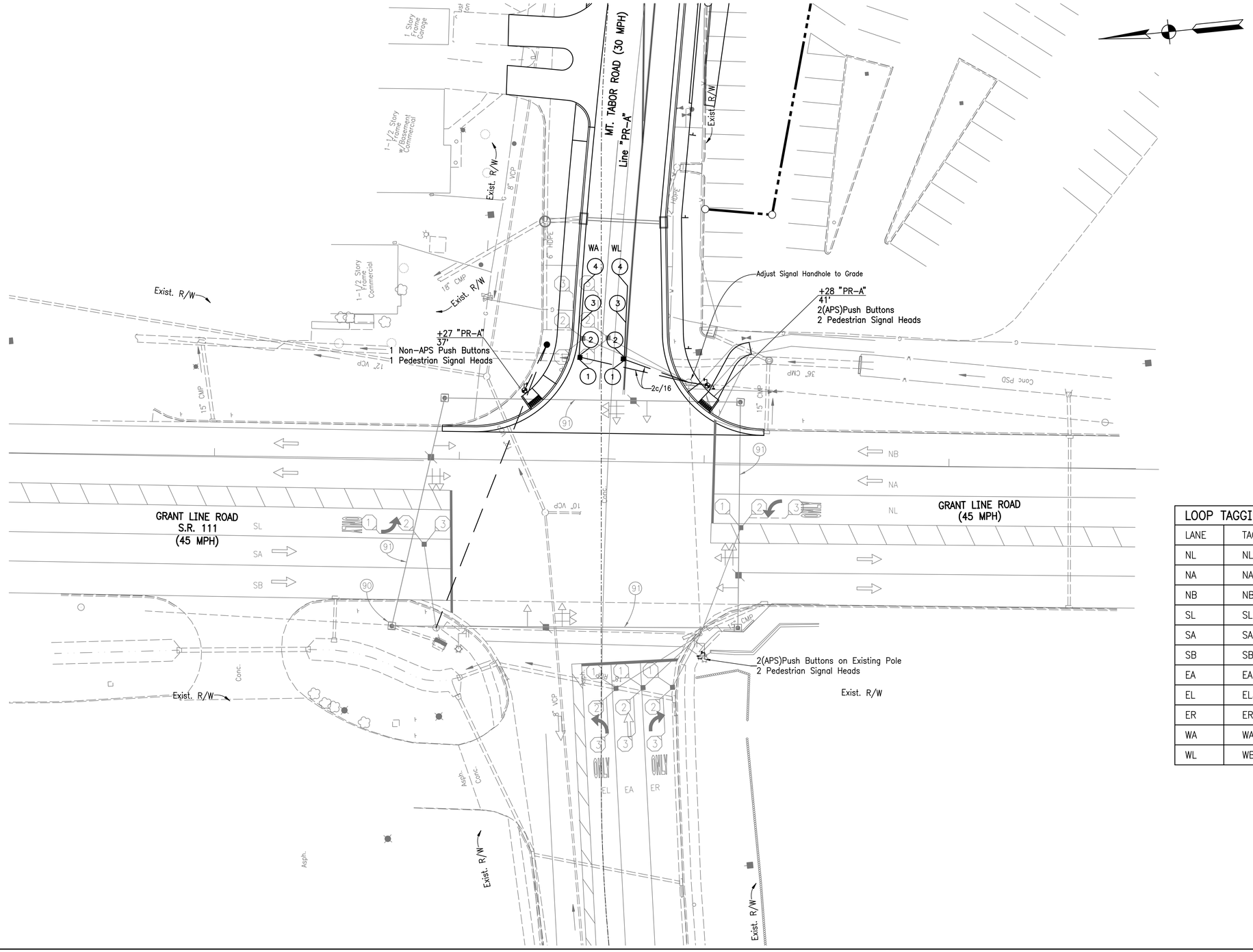
DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: AJS

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	86 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 I 5:55:05 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_11_ErosionControl_Plan.dgn



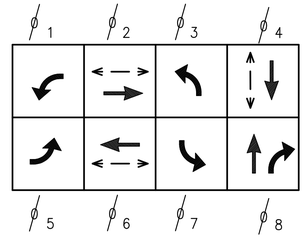
LEGEND

- Existing Conduit, Steel Galvanized, 2 in.
- Existing 8-Phase Fully Actuated Controller w/ TBC on "P-1" Foundation
- Existing Disconnect Hanger
- Exisitng Handhole, Signal
- Existing 2'-6" Octagonal Loop 4 Turn Series
- Existing Signal Detector Housing
- Exisitng Signal Service
- Existing Signal Strain Pole, Steel
- Existing Signal Pedestal
- Existing Span, Catenary and Tether
- Existing Traffic Signal Head, 1 Way, 3 Section, 12 in. Red, Amber, Green
- Existing Traffic Signal Head, 1 Way, 5 Section, 12 in. Red, Amber, Green, Amber Arrow, Green Arrow
- Existing Pedestrian Signal Head
- Loop Detector Delay Amplifier 2 Channel 6ft. Octgonal Loop 4 Turns in Series
- Handhole Signal Type 1
- Conduit, Steel, Galvanized, 2 in.
- Signal Pole, Pedestal, 12 Ft and Signal Pedestal Foundation, A
- Pedestrian Signal Head, Countdown, 18 in. and Pedestrian Push Button (See Plan Notes for APS/Non-APS)

NOTE: FOR STRIPING, SEE PAVEMENT MARKING DETAILS
SEE CURB RAMP DETAILS

LOOP TAGGING TABLE	
LANE	TAG NUMBER
NL	NL5-1,2,3
NA	NA2-1
NB	NB2-1
SL	SL1-1,2,3
SA	SA6-1
SB	SB6-1
EA	EA8-1,2,3
EL	EL3-1,2,3
ER	ER6-1,2,3
WA	WA4-1,2,3,4
WL	WB7-1,2,3,4

Phase Diagram



S.R. 111 is Preferential Road
S.R. 111 Flashes Red
Mt. Tabor Rd. Flashes Red

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

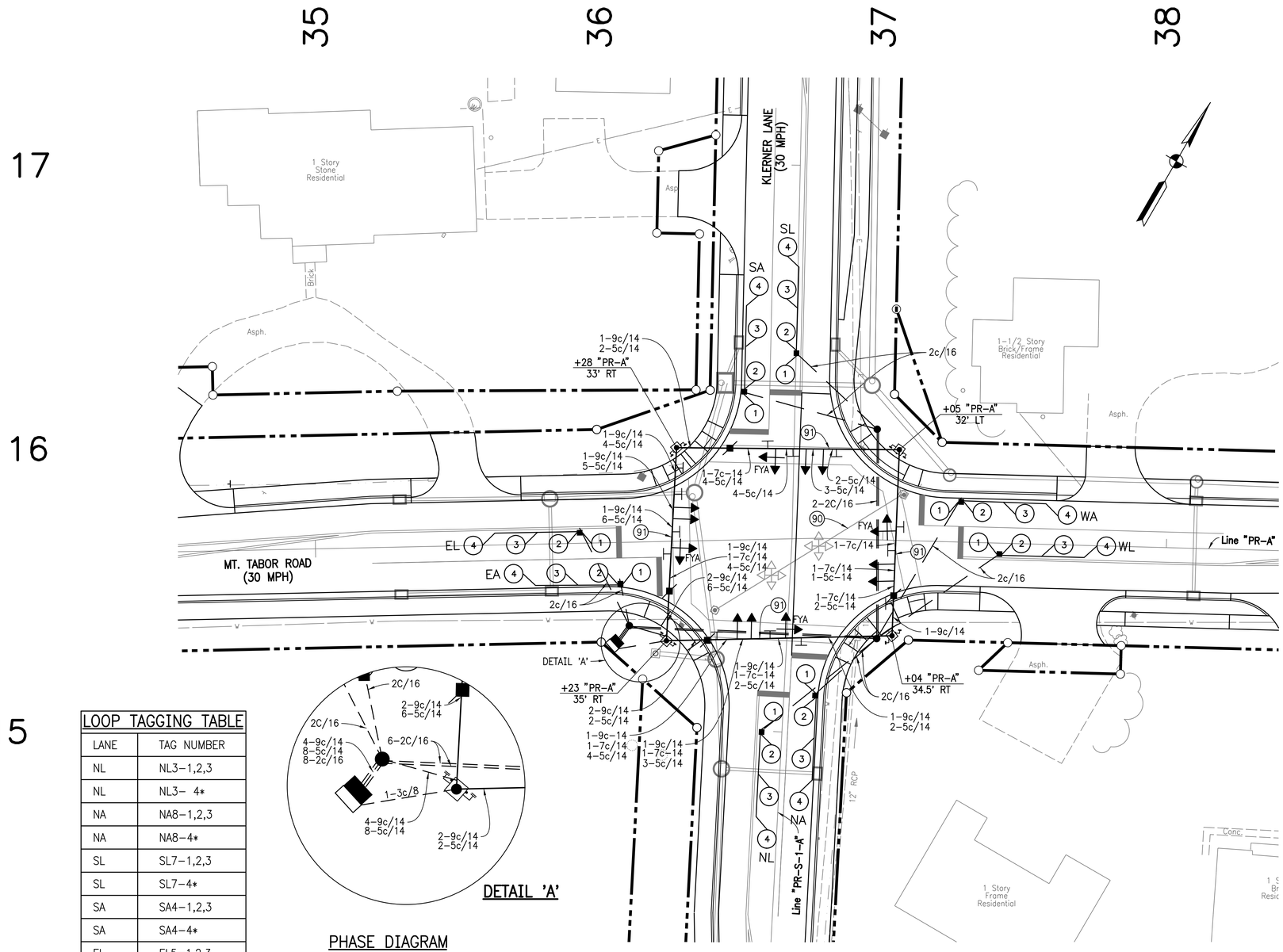
DESIGNED: MSM DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL PLAN
MT. TABOR AND GRANT LINE ROAD

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	87 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

jpatel 11/21/2017 1:44:44 PM I:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_17_Signals_01.dgn



LEGEND: Existing Equipment

- Existing Signal Strain Pole, Steel (Remove)
- Existing Span, Catenary and Tether (Remove)
- Existing Traffic Signal Head, 1 Way, 1 Section, 12 in. Red (Remove)

LEGEND: Proposed Equipment

- Loop Detector Delay Amplifier, 2 Channel 6 ft. Octagonal Loop, 4 Turns in Series
- Conduit, Steel, Galvanized, 2 in.
- Handhole Signal Type 1
- Pedestrian Signal Head, Countdown, 18 in. and Pedestrian Push Button
- Signal Strain Pole Steel 30 Ft and Signal Pole Foundation, 36 in. X 144 in. With Pedestrian Push Button Assembly, APS with R10-3c Signs
- Traffic Signal Head, 3 Section, 12 in.
- Controller and Cabinet P1 on Controller Cabinet Foundation, P1
- Span, Catenary, and Tether
- Disconnect Hanger
- Sign, Sheet

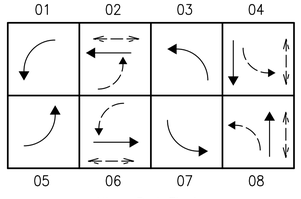
NOTE: STRIPING FOR INFORMATION ONLY.
SEE PAVEMENT MARKING DETAILS.
SEE PAVEMENT MARKING DETAILS FOR ADDITIONAL SIGNING.

LOOP TAGGING TABLE

LANE	TAG NUMBER
NL	NL3-1,2,3
NL	NL3- 4*
NA	NA8-1,2,3
NA	NA8-4*
SL	SL7-1,2,3
SL	SL7-4*
SA	SA4-1,2,3
SA	SA4-4*
EL	EL5-1,2,3
EL	EL5-4*
EA	EA2-1,2,3
EA	EA2-4*
WL	WL1-1,2,3
WL	WL1-4*
WA	WA6-1,2,3
WA	WA6-4*

* CountLoop

PHASE DIAGRAM



All - Red Flash

- Protected Phase
- Permissive Phase
- Pedestrian Phase

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

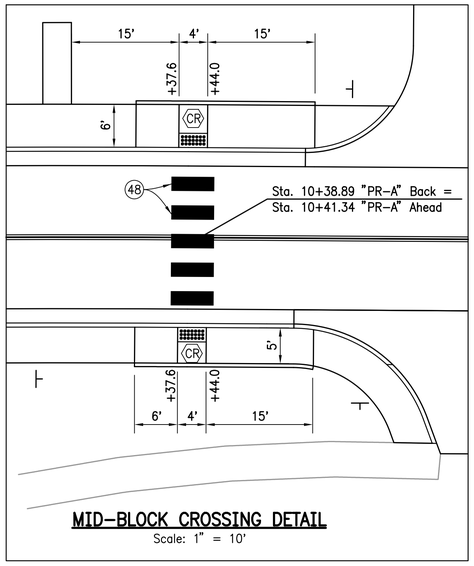
DESIGNED: MSM DRAWN: JJP
CHECKED: AJS CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

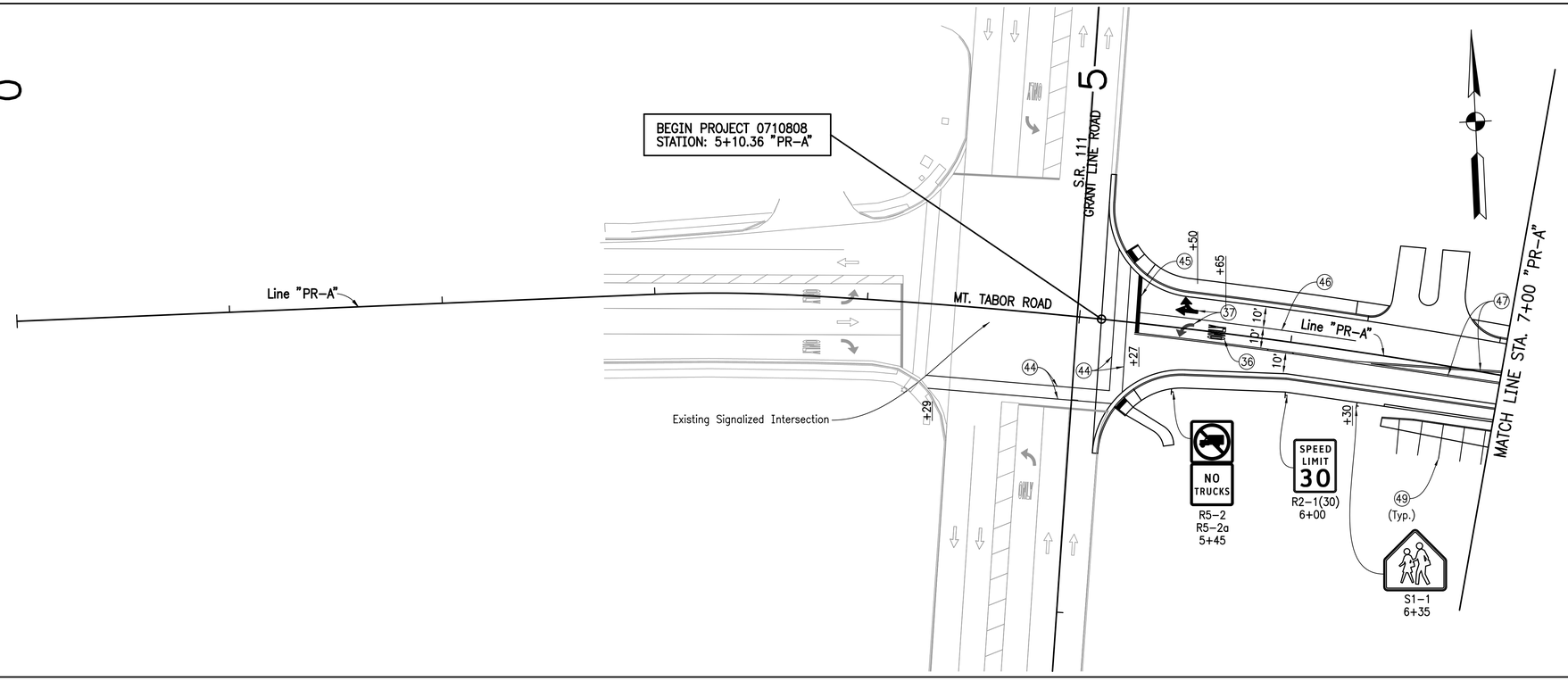
SIGNAL PLAN
MT. TABOR AND KLERNER LANE

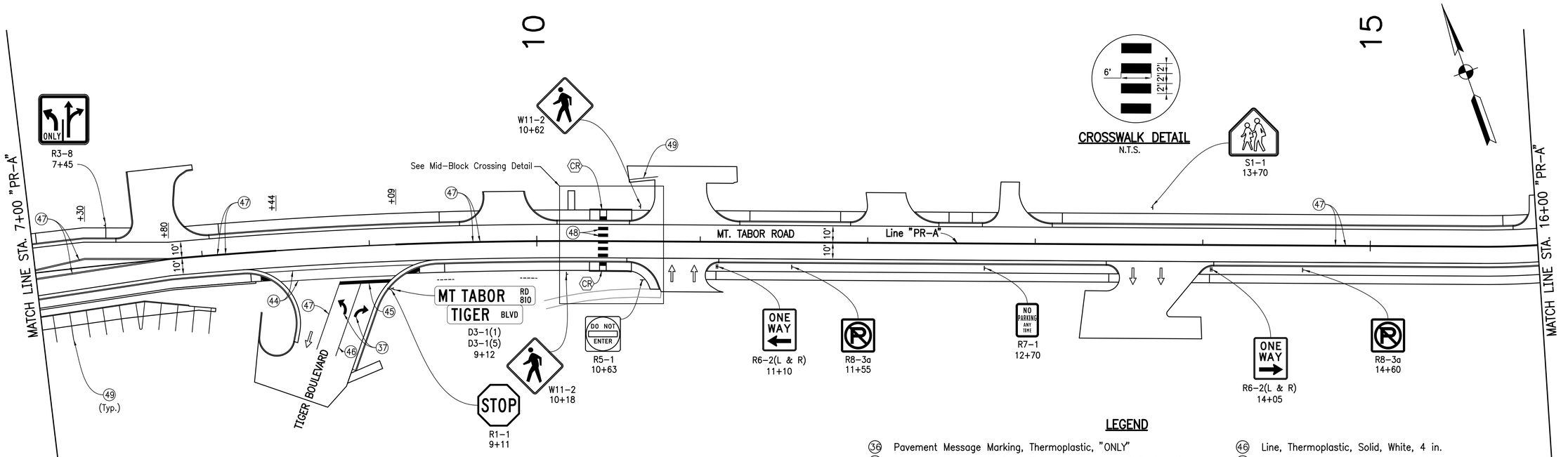
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	88 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

jpatel 1 10/30/2017 1 5:55:09 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\DGN\Plans - P1\091050_17_Signals_01.dgn



MID-BLOCK CROSSING DETAIL
Scale: 1" = 10'





LEGEND

- 36 Pavement Message Marking, Thermoplastic, "ONLY"
- 37 Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- 44 Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.
- 45 Transverse Markings, Thermoplastic, Stop Line, White, 24 in.
- 46 Line, Thermoplastic, Solid, White, 4 in.
- 47 Line, Thermoplastic, Solid, Yellow, 4 in.
- 48 Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.
- 49 Transverse Marking, Thermoplastic, Parking Line, White, 4 in.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
BEGIN TO STA. 16+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	89 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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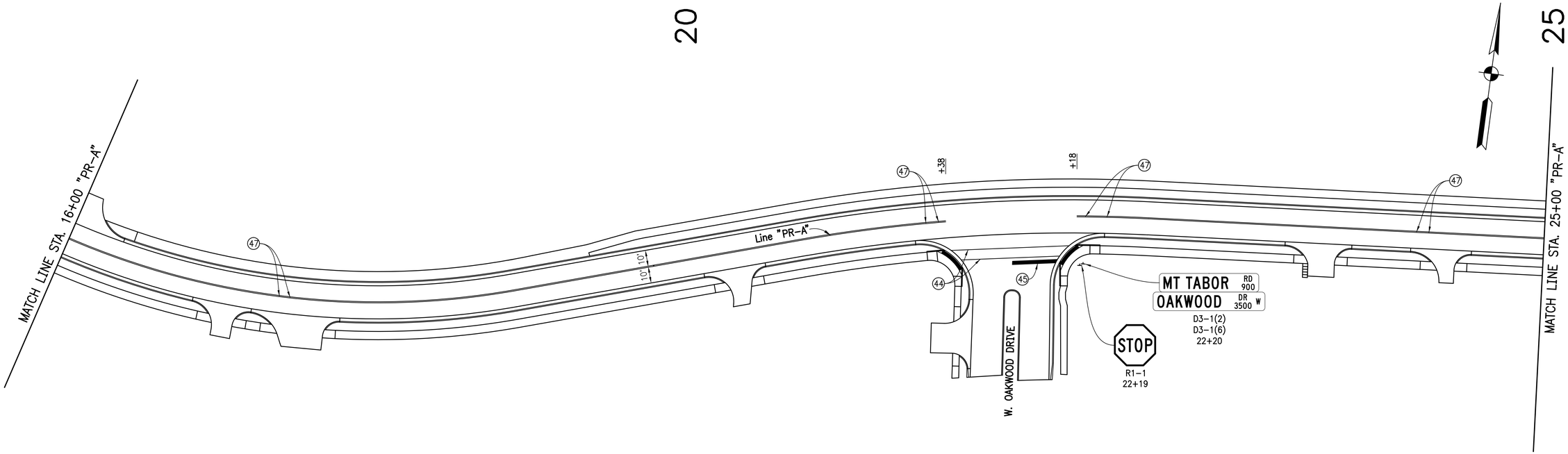

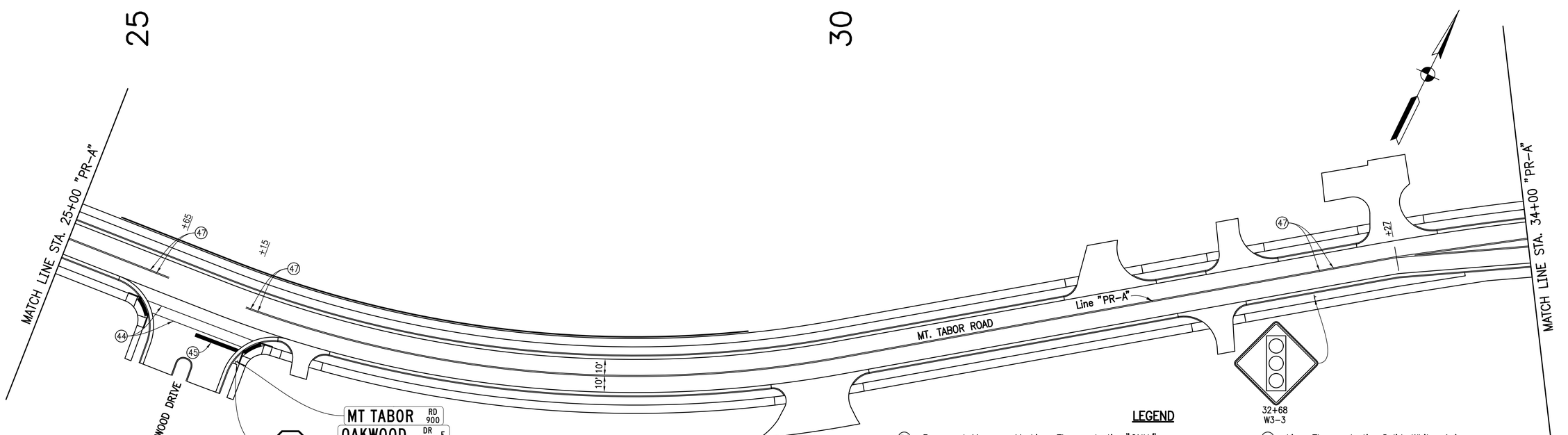

LEGEND

- 36 Pavement Message Marking, Thermoplastic, "ONLY"
- 37 Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- 44 Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.
- 45 Transverse Markings, Thermoplastic, Stop Line, White, 24 in.
- 46 Line, Thermoplastic, Solid, White, 4 in.
- 47 Line, Thermoplastic, Solid, Yellow, 4 in.
- 48 Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.
- 49 Transverse Marking, Thermoplastic, Parking Line, White, 4 in.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
STA. 16+00 TO STA. 34+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	90 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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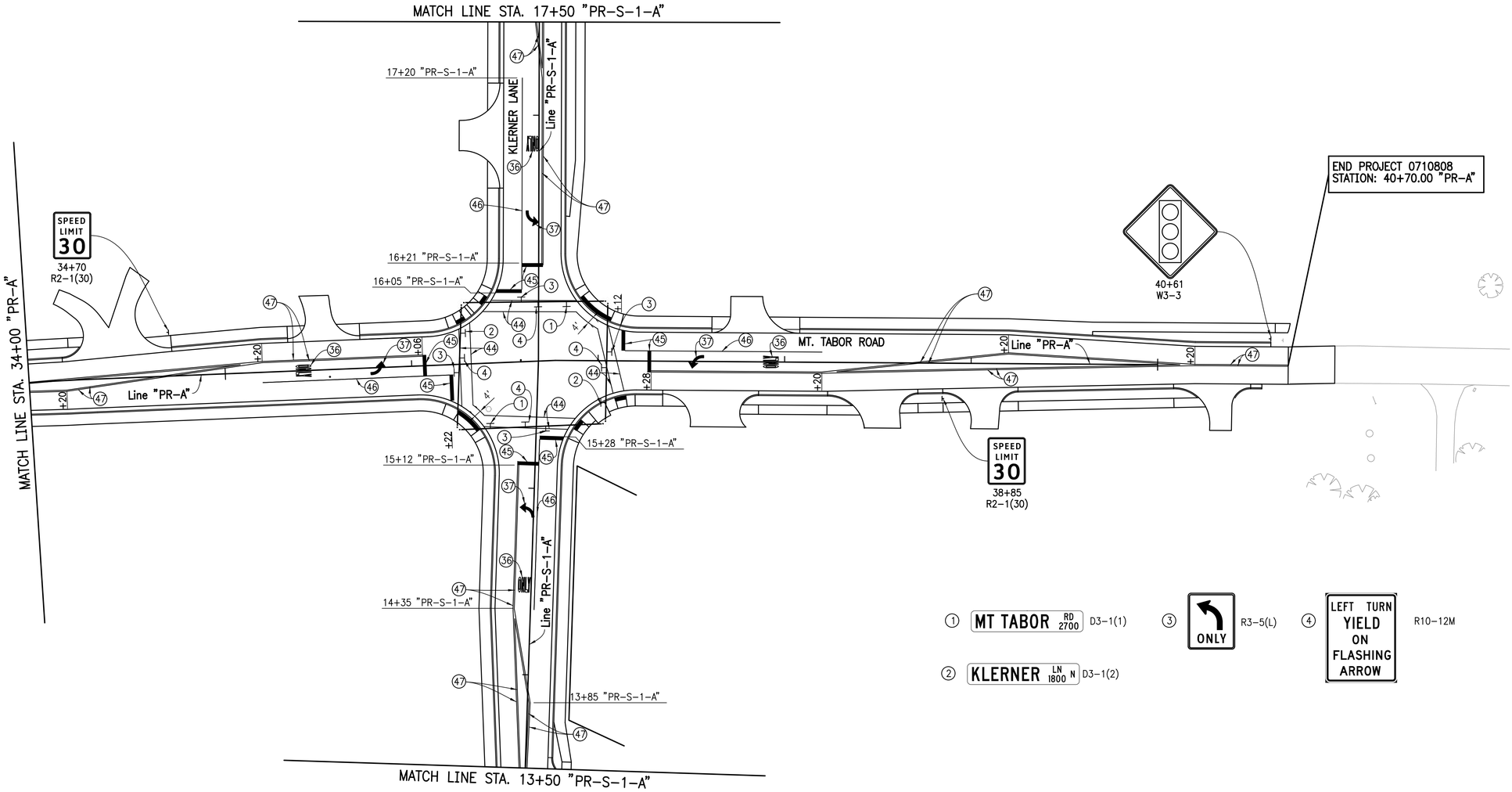

LEGEND

(36)	Pavement Message Marking, Thermoplastic, "ONLY"	(46)	Line, Thermoplastic, Solid, White, 4 in.
(37)	Pavement Message Marking, Thermoplastic, Lane Indication Arrow	(47)	Line, Thermoplastic, Solid, Yellow, 4 in.
(44)	Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.	(48)	Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.
(45)	Transverse Markings, Thermoplastic, Stop Line, White, 24 in.	(49)	Transverse Marking, Thermoplastic, Parking Line, White, 4 in.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP

CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
STA. 34+00 TO STA. 40+00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	91 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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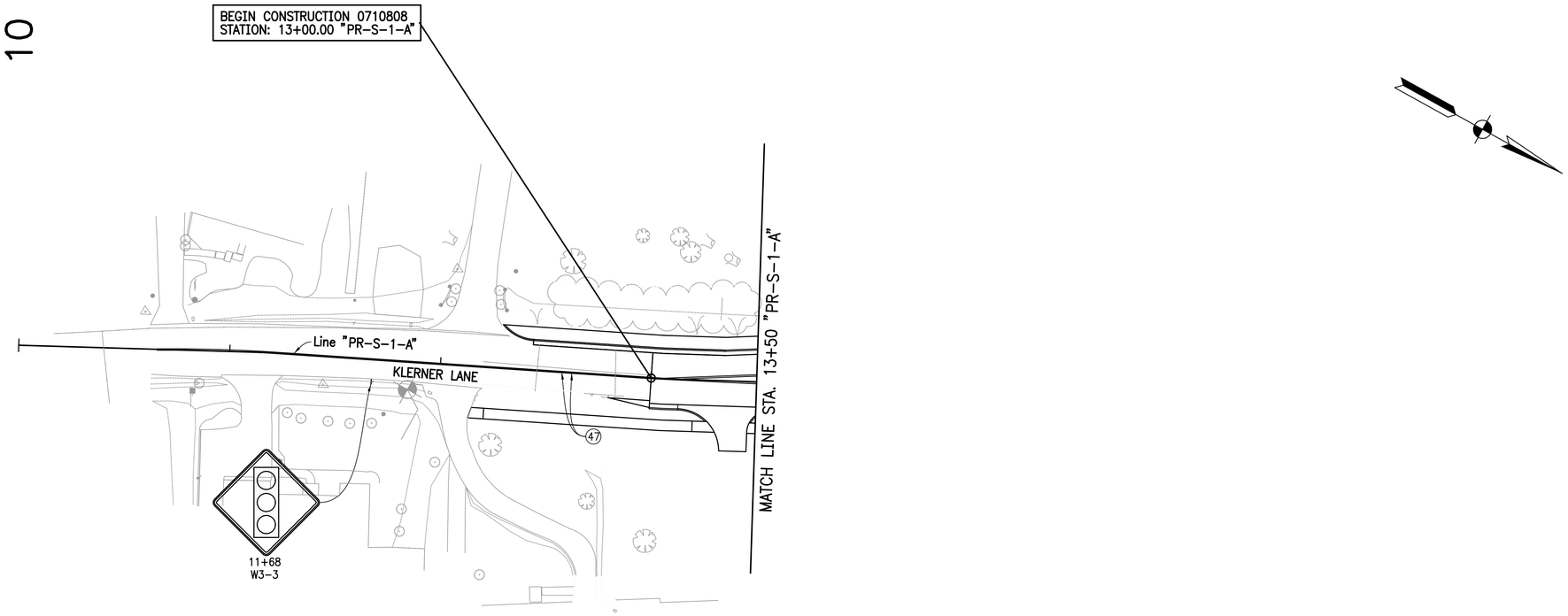
10



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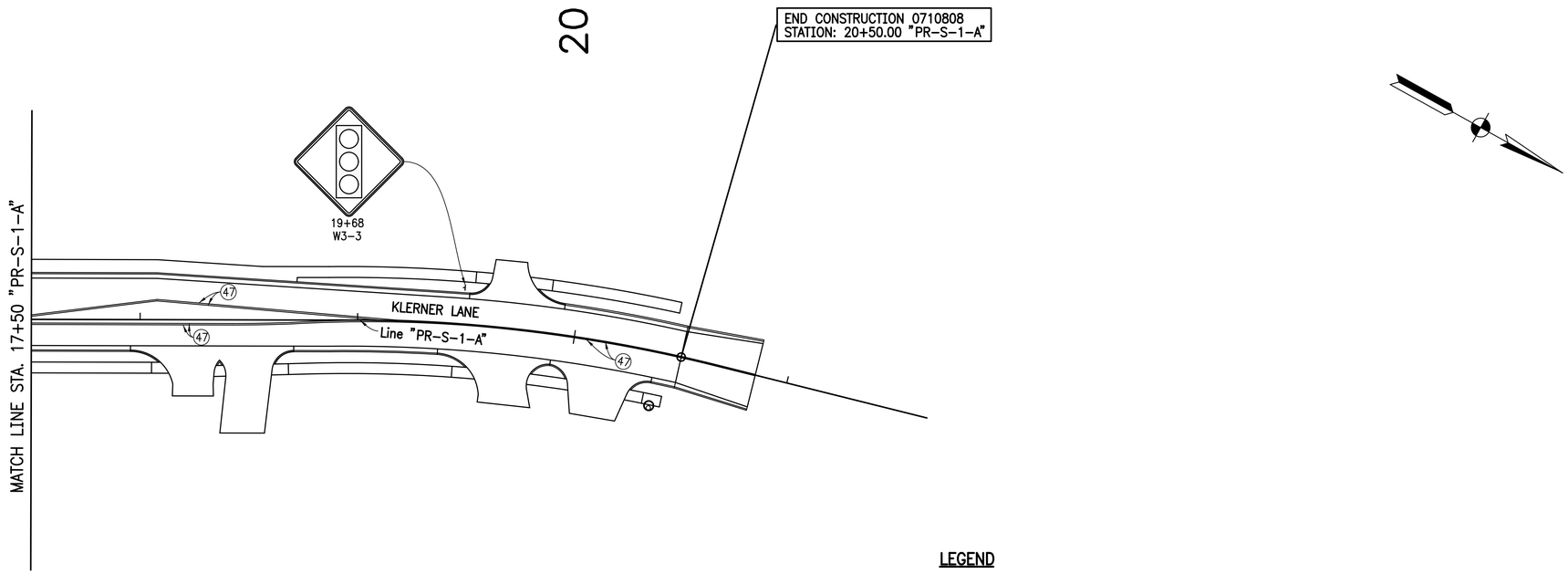

LEGEND

- 36 Pavement Message Marking, Thermoplastic, "ONLY"
- 37 Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- 44 Transverse Marking, Thermoplastic, Crosswalk Line, White, 6 in.
- 45 Transverse Markings, Thermoplastic, Stop Line, White, 24 in.
- 46 Line, Thermoplastic, Solid, White, 4 in.
- 47 Line, Thermoplastic, Solid, Yellow, 4 in.
- 48 Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 in.
- 49 Transverse Marking, Thermoplastic, Parking Line, White, 4 in.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
LINE "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	92 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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SIGN DETAIL
1:15



SIGN NUMBER	D3-1 (1)
WIDTH x HGHT.	4'-0" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/Green

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																							LENGTH	SERIES/SIZE
R	D																							C 2000
41	43.2																						3.9	3
M	T		T	A	B	O	R																	C 2000
2	6.8	9.9	12.9	16.3	21	25.2	30																31.3	6
8	1	0																						C 2000
40.9	43	44.2																					5.1	3

SIGN DETAIL
1:15



SIGN NUMBER	D3-1 (2)
WIDTH x HGHT.	4'-0" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																							LENGTH	SERIES/SIZE
R	D																							C 2000
41	43.2																						3.9	3
M	T		T	A	B	O	R																	C 2000
2	6.8	9.9	12.9	16.3	21	25.2	30																31.3	6
9	0	0																						C 2000
39.8	41.9	44.2																					6.2	3

SIGN DETAIL
1:15



SIGN NUMBER	D3-1 (3)
WIDTH x HGHT.	4'-0" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

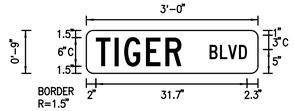
Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																							LENGTH	SERIES/SIZE
R	D																							C 2000
41	43.2																						3.9	3
M	T		T	A	B	O	R																	C 2000
2	6.8	9.9	12.9	16.3	21	25.2	30																31.3	6
2	7	0	0																					C 2000
37.8	39.7	41.9	44.2																				8.3	3

SIGN DETAIL
1:15



SIGN NUMBER	D3-1 (5)
WIDTH x HGHT.	3'-0" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

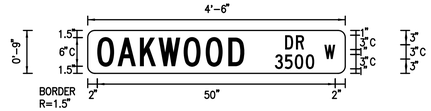
Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																							LENGTH	SERIES/SIZE
B	L	V	D																					C 2000
25.8	28	29.7	32																				7.9	3
T	I	G	E	R																				C 2000
2	5.9	7.9	12.5	16.6																			17.9	6

SIGN DETAIL
1:15



SIGN NUMBER	D3-1 (6)
WIDTH x HGHT.	4'-6" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																							LENGTH	SERIES/SIZE
D	R																							C 2000
41.4	43.7																						4	3
W																								C 2000
49.6																							2.3	3
O	A	K	W	O	O	D																		C 2000
2	6.3	10.9	14.8	20.1	24.7	29.5																	30.8	6
3	5	0	0																					C 2000
39.3	41.3	43.4	45.7																				8.3	3

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MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	93 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

SIGN DETAIL
1:15



Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	D3-1 (7)
WIDTH x HGHT.	4'-6" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

D	R																			LENGTH	SERIES-SIZE
41.4	43.7																			4	C 2000 3
E																					C 2000
50																				1.5	3
O	A	K	W	O	O	D															C 2000
2	6.3	10.9	14.8	20.1	24.7	29.5														30.8	6
3	5	0	0																		C 2000
39.3	41.3	43.4	45.7																	8.3	3

SIGN DETAIL
1:15



Panel Style: Street Name 6-3in no border.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Street Name 6-3in no border.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	D3-1 (8)
WIDTH x HGHT.	4'-0" x 0'-9"
BORDER WIDTH	0"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

L	N																			LENGTH	SERIES-SIZE
36.7	38.6																			3.6	C 2000 3
N																					C 2000
44.3																				1.7	3
K	L	E	R	N	E	R															C 2000
2	6.4	10.3	14.4	18.7	23.4	27.5														28.9	6
1	8	0	0																		C 2000
34.8	35.9	38.1	40.4																	7.4	3

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS
DRAWN: JJP
CHECKED: MSM
CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	94 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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TEMPORARY EROSION CONTROL TABLE

STATION	STATION	LOCATION			TEMPORARY SILT FENCE	TEMPORARY CHECK DAM, REVETMENT RIPRAP	TEMPORARY INLET PROTECTION	TEMPORARY FILTER BERM	SLOPE DRAIN	SPLASHPAD	SEDIMENT TRAP	TEMPORARY SEDIMENT BASIN	TEMPORARY CHECK DAM, TRAVERSABLE	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	CYS	EACH	LFT	LFT	TON	EACH	EACH	LFT	
Line "PR-A"														
5+29	5+96			X	90									
5+50	6+42	X			95									
5+97		X					1							
5+98				X			1							
6+80	7+57	X			84									
7+30		X					1							
7+30				X			1							
7+30				X			1							
7+90	8+00	X			10									
8+13		X					1							
8+13				X			1							
8+25				X			1							
8+40		X					1							
8+53				X			1							
9+01				X			1							
9+40		X					1							
9+40				X			1							
9+40				X			1							
10+00	10+67	X			71									
10+54				X			1							
11+09	11+50	X			44									
11+28		X					1							
12+50	13+26			X	79									
13+00		X					1							
13+95	17+32			X	355									
14+25		X					1							
14+25				X			1							
16+35		X					1							
17+63	18+00			X	41									
18+50		X					1							
18+50				X			1							
19+50	20+00			X	52									
20+19	21+19			X	102									
20+50	31+25	X			426									
20+52		X					1							
20+52				X			1							
21+17		X					1							
21+18				X			1							
23+50	29+84	X						634						
23+53				X			1							
24+00				X			1							
25+35		X					1							
25+35				X			1							
26+75				X			1							
29+00		X					1							
29+00				X			1							
SUBTOTAL "A"					**1,449**		**33**	**634**						

TEMPORARY EROSION CONTROL TABLE

STATION	STATION	LOCATION			TEMPORARY SILT FENCE	TEMPORARY CHECK DAM, REVETMENT RIPRAP	TEMPORARY INLET PROTECTION	TEMPORARY FILTER BERM	SLOPE DRAIN	SPLASHPAD	SEDIMENT TRAP	TEMPORARY SEDIMENT BASIN	TEMPORARY CHECK DAM, TRAVERSABLE	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	CYS	EACH	LFT	LFT	TON	EACH	EACH	LFT	
Line "PR-A" (Cont.)														
29+33				X			1							
30+34		X					1							
30+34				X			1							
30+60				X			1							
30+65		X					1							
31+60	32+13	X			60									
31+80				X			1							
32+32	33+05	X			75									
33+33	34+18	X			93									
34+62	35+35	X			82									
35+30		X					1							
35+30				X			1							
35+58	36+37	X			85									
35+83		X					1							
35+83				X			1							
37+90	40+69				280									
38+10		X					1							
38+10				X			1							
39+75		X					1							
39+75				X			1							
40+06				X			1							
Line "PR-S-1-A"														
12+51	13+28			X	78									
13+10		X					1							
13+10				X			1							
14+10		X					1							
14+86				X			1							
14+86		X					1							
15+25		X					1							
15+27		X					1							
16+12	17+51			X	143									
16+37		X					1							
16+37				X			1							
20+40		X					1							
20+40				X			1							
20+46	20+48	X			16									
20+81	20+85			X	43									
Line "S-2-A"														
1+38	1+91	X			64									
1+85	1+97			X	18									
1+93	1+95			X	4									
1+96	1+96			X	4									
SUBTOTAL "B"					**1,045**		**26**							
PROJECT TOTAL					**2494**		**59**	**634**						

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MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	95 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

SODDING SUMMARY TABLE

LOCATION					NURSERY SODDING FOR LAWNS
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	SYS
Line "PR-A"					
5+10	6+44	X			198.5
5+15	5+46			X	41.7
5+30	8+53			X	329.5
6+56	6+64	X			24.5
6+77	7+60	X			318.5
7+86	9+68	X			241.9
8+70	9+04			X	20.1
9+04	10+70			X	364.7
9+93	10+19	X			30.3
10+23	10+73	X			72.0
11+04	12+00	X			152.9
11+03	13+49			X	134.2
11+03	13+49			X	128.6
12+23	12+79	X			52.4
12+92	15+96	X			298.9
13+79	16+95			X	347.4
13+98	16+95			X	162.2
16+11	22+31	X			620.4
30+62	31+37	X			80.6
17+07	17+29			X	8.1
17+07	17+36			X	16.3
17+60	20+00			X	131.4
17+60	20+04			X	127.9
19+23	31+27	X			659.8
20+15	21+37			X	139.6
20+18	21+35			X	59.6
22+16	23+56			X	70.2
22+18	23+55			X	102.6
23+74	24+32			X	27.7
Subtotal "A"					**4963**

LOCATION					NURSERY SODDING FOR LAWNS
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	SYS
Line "PR-A"					
23+74	24+37			X	46.6
24+47	25+58			X	62.9
24+47	25+52			X	53.7
26+17	26+22			X	12.7
26+26	26+51			X	26.7
26+30	26+49			X	6.3
26+61	29+43			X	187.6
26+63	29+42			X	156.4
29+80	32+04			X	112.9
29+83	31+97			X	114.5
31+55	32+15	X			86.3
31+62	32+13	X			25.2
32+16	36+27			X	153.2
32+18	33+59			X	70.6
32+30	33+09	X			142.7
32+36	33+06	X			35.0
33+27	34+29	X			190.1
33+34	34+28	X			48.8
34+19	34+50	X			45.6
34+53	35+44	X			186.9
35+57	36+33	X			96.4
36+98	37+71	X			67.0
36+99	37+49			X	37.6
37+76	38+43			X	37.4
37+78	38+36			X	28.8
37+88	40+79	X			289.6
38+62	39+00			X	32.2
38+63	38+96			X	14.9
39+15	40+28			X	114.1
39+17	40+21			X	54.5
Subtotal "B"					**2537**

LOCATION					NURSERY SODDING FOR LAWNS
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	SYS
Line "PR-A"					
39+65	40+95	X			68.2
40+40	40+95			X	65.4
Line "PR-S-1-A"					
12+14	13+33			X	61.6
12+16	13+26			X	25.5
12+25	15+31	X			463.9
13+46	15+37			X	44.3
13+48	13+75			X	8.0
16+00	16+81	X			71.7
16+02	18+15			X	238.7
16+46	18+09			X	83.1
16+97	19+60	X			78.5
18+34	18+39			X	11.5
18+57	19+58			X	96.7
18+62	19+51			X	45.7
18+72	19+59	X			39.2
19+75	20+46	X			25.7
19+81	20+85	X			36.4
19+81	20+01			X	22.1
19+83	19+99			X	6.0
Line "S-2-A"					
1+31	1+64			X	43.8
1+31	1+62			X	10.5
1+83	1+98			X	13.1
1+85	1+98			X	5.9
1+28	1+97	X			28.1
1+25	1+94	X			82.0
Subtotal "C"					**1676**
Project Total					**9175**

R/W MARKERS

LINE	STATION	OFFSET	Lt.	Rt.
PR-A	6+90	24.77 (PL)		X
PR-A	7+60	20.96 (PL)		X
PR-A	8+01.16 (PL)	25.00		X
PR-A	9+90	25.00		X
PR-A	9+90	30.00		X
PR-A	10+10	30.00		X
PR-A	10+10	25.00		X
PR-A	10+41.34 (PT)	25.00		X
PR-A	15+50	25.00		X
PR-A	16+25	30.00		X
PR-A	18+74.03 (PT)	30.00		X
PR-A	20+48.99 (PC)	30.00		X
PR-A	21+10	30.00		X
S-2-A	1+60	40.00		X
S-2-A	1+75	40.00		X
S-2-A	1+75	35.16 (PL)		X
S-2-A	1+65	34.86 (PL)	X	
S-2-A	1+65	40	X	
S-2-A	1+40	40	X	
PR-A	22+30	30		X
PR-A	25+54.45 (PL)	30		X
PR-A	26+28.49 (PL)	30		X
PR-A	29+77.79 (PT)	30		X
PR-A	33+05.08 (PC)	30		X
PR-A	33+61	30		X
PR-A	34+30.69 (PT)	35		X
PR-A	36+00	35		X
PR-A	37+10	35		X
PR-A	42+10.17 (PC)	35		X
PR-A	8+66.03 (PL)	30	X	
PR-A	10+41.34 (PT)	30	X	
PR-A	15+66.40 (PC)	30	X	
PR-A	18+74.03 (PT)	30	X	
PR-A	19+00	30	X	
PR-A	20+00	40	X	
PR-A	20+48.99 (PC)	40	X	
PR-A	21+05	40	X	
PR-A	21+05	55	X	
PR-A	21+25	55	X	
PR-A	21+25	40	X	
PR-A	22+60.85 (PT)	40	X	
PR-A	23+70	45	X	
PR-A	25+96.82 (PC)	45	X	
PR-A	26+80	45	X	
PR-A	27+80	40	X	
PR-A	29+7.79 (PT)	40	X	
PR-A	30+05	40	X	
PR-A	30+05	70	X	
PR-A	30+35	70	X	
PR-A	30+35	40	X	
PR-A	33+05.08 (PC)	40	X	
PR-A	34+30.69 (PT)	40	X	
PR-A	36+00	40	X	
PR-A	37+20	35	X	
PR-A	42+10.17 (PC)	35	X	
Subtotal "A"			55	

LINE	STATION	OFFSET	Lt.	Rt.
S-1-A	11+95.61 (PL)	30		X
S-1-A	13+05.77 (PI)	30		X
S-1-A	13+65	32		X
S-1-A	13+75 (PI)	22		X
S-1-A	15+15	22		X
S-1-A	16+20	35		X
S-1-A	18+87.14 (PC)	35		X
S-1-A	20+34.76 (PL)	35		X
S-1-A	20+36.36 (PL)	55		X
S-1-A	20+66.53 (PT)	55		X
S-1-A	21+50	55		X
S-1-A	21+50	37.89 (PL)		X
S-1-A	11+57.53 (PL)	30	X	
S-1-A	13+05.77 (PI)	30	X	
S-1-A	13+75 (PI)	30	X	
S-1-A	15+00	30	X	
S-1-A	16+20	30	X	
S-1-A	18+87.09 (PC)	30	X	
S-1-A	19+33.5 (PL)	30	X	
PR-A	22+60.85 (PT)	30		X
Subtotal "B"				20
Subtotal "A"				55
Subtotal "B"				20
Project Total				75

MONUMENT AND SECTION CORNER

LINE	POINT TYPE	STATION	MONUMENT TYPE A	B	C	D	* SECTION CORNER
PR-A	PC	2+98.15		1			
PR-A	PI	3+33.15		1			
PR-A	PT	3+68.09		1			
PR-A	PC	3+76.81		1			
PR-A	POB	5+10.36		1			
PR-A	PI	7+09.52				1	
PR-A	PT	10+38.89		1			
PR-A	PC	15+66.40		1			
PR-A	PI	17+25.96			1		
PR-A	PT	18+74.03		1			
PR-A	PC	20+48.99		1			
PR-A	PI	21+55.37		1			
PR-S-2-A	POT	1+00.00		1			
PR-S-2-A	POT	2+50.00		1			
PR-A	PT	22+60.85		1			
PR-A	PC	25+96.82		1			
PR-A	PI	27+92.30		1			
PR-A	PT	29+77.79		1			
PR-A	PC	33+05.08		1			
PR-A	PI	33+70.56		1			
PR-A	PT	34+35.96		1			
PR-A	POT	36+68.00		1			
PR-A	PI	36+77.07		1			
PR-S-1-A	POT	10+00.00		1			
PR-S-1-A	PI	11+20.17		1			
PR-S-1-A	POB	13+00.00		1			
PR-S-1-A	PI	13+05.25		1			
PR-S-1-A	PI	13+75.04		1			
PR-S-1-A	PC	18+86.88		1			
PR-S-1-A	PI	19+77.20		1			
PR-S-1-A	POE	20+50.00		1			
PR-S-1-A	PT	20+66.53		1			
PR-S-1-A	POT	21+66.39		1			
PROJECT TOTALS			**0**	**31**	**1**	**1**	**0**

MAILBOX ASSEMBLIES

LOCATION	Lt.	Rt.	SINGLE	DOUBLE
Line "PR-S"				
6+60	X			1
23+83		X	1	
24+55		X	1	
29+92		X	1	
31+86		X	1	
32+46	X		1	
33+44	X		1	
37+83		X	1	
38+03	X		1	
38+25		X	1	
39+23		X	1	
40+47		X	1	
Line "PR-S-1-A"				
13+54		X	1	
17+05	X		1	
18+02		X	1	
18+67		X	1	
19+90	X		1	
20+35		X	1	
20+38		X	1	
Line "S-2-A"				
1+86	X		1	
1+89		X	1	
TOTAL			**20**	**1**

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	96 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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SHEET SIGN & POST SUMMARY

SIGN								POST								
PLAN SHEET NO. / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (ft^2)			MOUNTED ON PANEL SIGN, AREA (ft^2)	U CHANNEL				SQUARE				
												2" X 2" - 12 GA. (TYPE 2)			2 1/4" X 2 1/4" - 12 GA. (TYPE 1)	
								POST LENGTH		POST LENGTH		REINFORCED ANCHOR			REINFORCED ANCHOR	
				0.080"	0.100"	0.125"	0.080"	1	2	TYPE "A"	TYPE "B"	POST LENGTH (FT.)			POST LENGTH (FT.)	
								FT.		FT.	FT.	1	2	TOTAL	1	TOTAL
"PR-A"	5+45	R5-2	24 x 24	4.00											10	
"PR-A"	5+45	R5-2a	24 x 24	4.00											-	
"PR-A"	6+00	R2-1 (30)	24 x 30	5.00											10	
"PR-A"	6+35	S1-1	36 x 36		9.00										11	
"PR-A"	7+45	R3-8	30 x 30	6.25											10	
"PR-A"	9+11	R1-1	30 x 30	6.25											10	
"PR-A"	9+12	D3-1 (5)	36 x 09		2.25										9	
"PR-A"	9+12	D3-1 (1)	48 x 09		3.00										-	
"PR-A"	10+18	W11-2	30 x 30	6.25											10	
"PR-A"	10+62	W11-2	30 x 30	6.25											10	
"PR-A"	10+63	R5-1	30 x 30	6.25											10	
"PR-A"	11+10	R6-2 (R)	24 x 30	5.00											10	
"PR-A"	11+10	R6-2 (L)	24 x 30	5.00											-	
"PR-A"	11+55	R8-3a	24 x 30	5.00											10	
"PR-A"	12+70	R7-1	12 x 18	1.50											9	
"PR-A"	13+70	S1-1	36 x 36		9.00										11	
"PR-A"	14+05	R6-2 (R)	24 x 30	5.00											10	
"PR-A"	14+05	R6-2 (L)	24 x 30	5.00											-	
"PR-A"	14+60	R8-3a	24 x 30	5.00											10	
"PR-A"	22+19	R1-1	30 x 30	6.25											10	
"PR-A"	22+20	D3-1 (6)	54 x 09		3.38										9	
"PR-A"	22+20	D3-1 (2)	48 x 09		3.00										-	
"PR-A"	26+20	R1-1	30 x 30	6.25											10	
"PR-A"	26+21	D3-1 (7)	54 x 09		3.38										9	
"PR-A"	26+21	D3-1 (2)	48 x 09		3.00										-	
"PR-A"	32+68	W3-3	30 x 30	6.25											10	
"PR-A"	34+70	R2-1 (30)	24 x 30	5.00											10	
"PR-A"	36+41	D3-1(1)	48 x 09		3.00										-	
"PR-A"	36+60	R3-5(L)	30 x 36		7.50										-	
"PR-A"	36+60	R10-12M	30 x 36		7.50										-	
"PR-A"	36+63	R3-5(L)	30 x 36		7.50										-	
"PR-A"	36+69	R10-12M	30 x 36		7.50										-	
"PR-A"	36+83	D3-1(1)	48 x 09		3.00										-	
"PR-A"	38+85	R2-1 (30)	24 x 30	5.00											10	
"PR-A"	40+61	W3-3	30 x 30	6.25											10	
"PR-S-1-A"	11+68	W3-3	30 x 30	6.25											10	
"PR-S-1-A"	15+48	D3-1(2)	48 x 09		3.00										-	
"PR-S-1-A"	15+62	R3-5(L)	30 x 36		7.50										-	
"PR-S-1-A"	15+66	R10-12M	30 x 36		7.50										-	
"PR-S-1-A"	15+70	R10-12M	30 x 36		7.50										-	
"PR-S-1-A"	15+73	R3-5(L)	30 x 36		7.50										-	
"PR-S-1-A"	15+92	D3-1(2)	48 x 09		3.00										-	
"PR-S-1-A"	19+68	W3-3	30 x 30	6.25											10	
TOTALS				124.00	108.00										248	

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN AND POST SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	97 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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PAVEMENT MARKINGS SUMMARY OF QUANTITIES

LOCATION		OFFSET			LINE PAINT	LINE THERMOPLASTIC					LINE PAINT		TRANSVERSE MARKINGS THERMOPLASTIC PARKING LINE		TRANSVERSE MARKINGS THERMOPLASTIC STOP LINE		TRANSVERSE MARKINGS CROSSHATCH LINE		TRANSVERSE MARKINGS CROSSWALK LINE		PAVEMENT MESSAGE MARKING, THERMOPLASTIC, WORD, "ONLY"	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW	SNOWPLOWABLE RAISED PAVEMENT MARKERS
					SOLID YELLOW 4 in	SOLID WHITE 4 in	SOLID YELLOW 4 in	SOLID WHITE 8 in	SOLID WHITE 12 in	BROKEN WHITE 4 in	BROKEN YELLOW 4 in	SOLID WHITE 4 in	SOLID YELLOW 4 in	SOLID WHITE 12 in	SOLID WHITE 24 in	SOLID YELLOW 12 in	SOLID YELLOW 24 in	SOLID WHITE 6 in	SOLID WHITE 24 in			
		L	CL	R	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	EACH
LINE, THERMOPLASTIC, SOLID, WHITE, 4IN																						
Line "PR-A"																						
5+29	6+30	X				101																
8+76	8+94			X		46																
35+20	36+22			X		102																
37+14	38+20	X				106																
Line "PR-S-1-A"																						
14+35	15+26			X		91																
16+05	17+20	X				113																
LINE THERMOPLASTIC SOLID YELLOW 4IN																						
Line "PR-A"																						
5+27	6+30			X			206															
6+30	7+80	X		X			550															
7+80	8+44		X				128															
8+65	8+82			X			86															
9+09	21+38		X				2458															
22+18	25+65		X				694															
26+15	34+20		X				1610															
34+20	35+20		X				730															
35+20	36+06		X				172															
37+26	38+20		X				188															
38+20	40+20	X					736															
40+20	40+70		X				100															
Line "PR-S-1-A"																						
10+66	13+06		X				480															
13+06	14+35		X				462															
14+35	15+14		X				158															
16+20	17+20		X				200															
17+20	19+18		X				746															
19+18	20+85		X				334															
TRANSVERSE MARKINGS THERMOPLASTIC,CROSSWALK LINE, 24IN																						
Line "PR-A"																						
10+38	10+42	X		X															30			
TRAVERSE MARKINGS THERMOPLASTIC, STOP LINE, 24 IN																						
Line "PR-A"																						
5+27		X													27							
8+81	9+13			X											30							
21+78	22+06			X											27							
25+92	26+19			X											27							
36+07			X												11							
36+21				X											14							
36+47	36+61	X													14							
36+55	36+66			X											11							
36+61	36+73	X													11							
36+67	36+82			X											13							
37+13		X													11							
37+27			X												11							
TRAVERSE MARKINGS, THERMOPLASTIC, CROSSWALK LINE, 6 IN																						
Line "PR-A"																						
4+30	5+18			X														87				
4+30	5+18			X														87				
5+16			X															67				
5+23			X															60				
8+36	9+26			X														158				
21+40	22+13			X														130				
25+58	26+25			X														127				
36+26			X															42				
36+32			X															50				
36+39	36+94	X																96				
36+32	36+88			X														94				
37+03			X															51				
37+10			X															36				

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS DRAWN: JJP
CHECKED: MSM CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	98 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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PAVEMENT MARKINGS SUMMARY OF QUANTITIES

LOCATION		OFFSET			LINE PAINT	LINE THERMOPLASTIC				LINE PAINT		TRANSVERSE MARKINGS THERMOPLASTIC PARKING LINE		TRANSVERSE MARKINGS THERMOPLASTIC STOP LINE		TRANSVERSE MARKINGS CROSSHATCH LINE		TRANSVERSE MARKINGS CROSSWALK LINE		PAVEMENT MESSAGE MARKING, THERMOPLASTIC, WORD, "ONLY"	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW	SNOWPLOWABLE RAISED PAVEMENT MARKERS	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BLUE)
		L	CL	R	SOLID YELLOW 4 in	SOLID WHITE 4 in	SOLID YELLOW 4 in	SOLID WHITE 8 in	SOLID WHITE 12 in	BROKEN WHITE 4 in	BROKEN YELLOW 4 in	SOLID WHITE 4 in	SOLID YELLOW 4 in	SOLID WHITE 12 in	SOLID WHITE 24 in	SOLID YELLOW 12 in	SOLID YELLOW 24 in	SOLID WHITE 6 in	SOLID WHITE 24 in				
					LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	EACH	EACH
PAVEMENT MESSAGE MARKING, THERMOPLASTIC, WORD, "ONLY"																							
Line "PR-A"																							
5+65			X																	1			
35+38				X																1			
37+97				X																1			
Line "PR-S-1-A"																							
14+44		X																		1			
16+89		X																		1			
PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW																							
Line "PR-A"																							
5+50		X																			2		
5+50			X																		1		
8+83				X																	1		
8+93				X																	1		
35+78				X																	1		
37+57		X																			1		
Line "PR-S-1-A"																							
14+84				X																	1		
16+49		X																			1		
SNOWPLOWABLE RAISED PVMT MARKERS (BLUE)																							
Line "PR-A"																							
6+45			X																				1
17+16			X																				1
26+24			X																				1
36+28			X																				1
Line "S-2-A"																							1
1+45			X																				
TRANSVERSE MARKING THERMOPLASTIC PARKING LINE WHITE 4 IN.																							
6+58				X								16											
6+68				X								16											
6+78				X								16											
6+88				X								16											
6+98				X								16											
7+08				X								16											
7+18				X								16											
7+28				X								16											
7+38				X								16											
7+48				X								16											
7+58				X								16											
7+60				X								16											
7+70				X								16											
7+80				X								16											
7+90				X								16											
8+00				X								16											
10+60		X										17											
TOTAL						**559**	**10,038**					**273**			**207**			**1,085**	**30**	**5**	**9**		**5**

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MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S. Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	99 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	EXIST. SURFACE BEYOND R/W			GRADE		EXCAVATION		PCCP FOR APPROACHES		HMA FOR APPROACHES		QC/QA-HMA, 2, 64, SURFACE 9.5 MM	QC/QA-HMA, 2,64, INTERMED. 19.0 MM	QC/QA-HMA, 2, 64, BASE 25.0 MM	HMA FOR TEMPORARY PAVEMENT		MILLING, TRANSITION	SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE III	SUBGRADE TREATMENT TYPE IB	ASPHALT FOR TACK COAT	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	COMPACTED AGGREGATE, NO. 53				COMPACTED AGGREGATE, NO. 53	COMPACTED AGGREGATE, NO. 73	REMARKS
						AGGREGATE	ASPHALT	CONCRETE					INCH		TYPE B	TYPE B	LB./SYS.					SURFACE TYPE B	Intermediate TYPE B								DEPTH (INCHES)		DEPTH (6")	DEPTH (12")	DEPTH (12")	DEPTH (INCHES)	
									1	2	CUT	FILL	6	9	550	880	165	275	440	165	275								3	6	CYS	CYS	TON	6	
		FT.	FT.	FT.	FT.				%	%	CYD.	CYD.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	LFT	LFT	SYS	SYS				SYS.	
Approaches																																				
Line "PR-A"																																				
6+50 LT.	Mod. Class III Drive	12	37.7	10 / 4.5					-2.0	-8.0	11.0			60.7										60.7												Modified Radius
650 RT.	School Parking Lot														127									127.0											
6+70 LT.	Mod. Class I Drive	12.7	39	4.5 / 20					-2.0	-9.0	7.2	0.1	74.2											74.2												Modified Radius
7+78 LT.	Mod. Class III Drive	25	43.5	20 / 10					-2.0	-3.9	35.4			156.1										156.1												Modified Radii
8+93 RT.	Mod. Street Approach	36	85.4	30 / 40	70.4		X		0.5	3.0						466.0								466.0												
	(Tiger Boulevard)								5.5	8.0																										
9+81 LT.	Class III Drive	24	20	15 / 20					2.0	-1.5	18.7			74.7										74.7												
10+87 LT.	Mod. Class III Drive	30.9	35	15 / 20	15		X		-2.0	-8.0	5.8	3.9		91.3	88.0									179.3												Modified Radius
10+87 RT.	Mod. Class III Drive	30	20	20 / 8	5		X		2.0	-0.8	8.2			62.1	18.0									80.1												Modified Radius
12+12 LT.	Class III Drive	23.5	20	10 / 20					2.0	9.8	17.6			69.3										69.3												
12+85 LT.	Class III Drive	11	26.8	10 / 20	6.8		X		2.0	10.0	26.4			44.4	9.0									53.4												
13+70 RT.	Mod. Class III Drive	34.6	46.1	7.9 / 10	31.1		X		-2.0	-10.0	13.3	5.1		83.9	209.0									292.9												Modified Radius
16+04 LT.	Class III Drive	12.7	20	10 / 20					2.0	-3.5	1.2	1.1		49.7										49.7												
17+01 RT.	Mod. Class III Drive	12	20	15 / 10			X		1.0	-13.7	5.3			41.1										41.1												Modified Radius
17+48 RT.	Class III Drive	24.1	20	20 / 10					1.0	-4.5	14.0			73.3										73.3												
20+13 RT.	Mod. Class III Drive	10.3	23.6	15 / 10	3.6		X		-2.0	-10.0	1.6	0.2		39.7	3.0									42.7												Modified Radius
23+66 RT.	Mod Class I Drive	16	20	15 / 10					2.0	19.8	3.1		48.9											48.9												Modified Radius and Steps
24+42 RT.	Mod. Class I Drive	8.8	20	18 / 10					2.0	5.2	1.7		35.7											35.7												Modified Radius and Width
25+78 RT.	Mod. Street Approach	18.3	44.2	30 / 4					-2.0	0.5	29.3						132.3	132.3	132.3							264.0	396	88.0	88.0						
	(E. Oakwood Drive)																											88.0	88.0						
26+06 RT.	Mod. Street Approach	18.7	44.2	4 / 30					-2.0	0.5	37.4						132.3	132.3	132.3								396								
	(E. Oakwood Drive)																																		
26+54 RT.	Mod. Class I Drive	10.3	20.2	10 / 10					2.0	7.3	3.7		33.2											33.2												Modified Radius and Width
29+62 RT.	Mod. Class I Drive	38.1	31.5	8 / 15	11.5		X		2.0	10.0	44.5		96.9		65									161.9												Modified Radii
31+46 LT.	Mod. Class I Drive	18.6	30	10 / 20					-8.3	-2.0	9.5		96.9											96.9												Skewed Connection
32+08 RT.	Class I Drive	10.5	28.6	20 / 10	8.6		X		8.3	2.0	7.3		44.4		10.0									54.4												
32+21 LT.	Class I Drive	13.7	30	10 / 20					-8.3	-2.0	6.7		65.3											65.3												
33+18 LT.	Mod. Class I Drive	18.3	51.4	10 / 20	21.4		X		-2.0	-10.0	0.9	13.6	85.3		108.0									193.3												
34+37 LT.	Mod. Class I Drive	9.2	46.5	12 / 30	16.5		X		-8.3	-2.0	2.1		53.7		10.0									63.7												Modified Radius
34+52 LT.	Mod. Class I Drive	10.5	45.6	0 / 18	15.6		X		-8.3	-2.0	2.0	1.2	54.4		21.0									75.4												Modified Radius
35+52 LT.	Mod. Class I Drive	15.4	29.7	10 / 20					-2.0	-8.5	1.9	0.9	51.7											51.7												Skewed Connection
37+63 RT.	Mod. Class I Drive	27.9	19.5	20 / 10					2.0	6.5	8.5		71.7											71.7												Modified Radius and Width
37+80 LT.	Class I Drive	17	25	10 / 20					-2.0	-1.2	5.2		48.6											48.6												
38+51 RT.	Class I Drive	19.5	20	20 / 10					2.0	2.20	5.3		61.9											61.9												
39+09 RT.	Class I Drive	14.9	22	20 / 10					-2.0	-1.2	1.5	2.4	50.5											50.5												

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

APPROACH TABLES

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	100 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/29/2017 | 5:56:45 PM | P:\0915150_Mt_Tabor\09 Road - Indiana\04 Design Files\GDA\Plans - P1\0915150_24_Approach Tables.dgn

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	EXIST. SURFACE BEYOND R/W			GRADE		EXCAVATION		PCCP FOR APPROACHES		HMA FOR APPROACHES		QC/QA-HMA, 2, 64, SURFACE 9.5 MM	QC/QA-HMA, 2,64, INTERMED. 19.0 MM	QC/QA-HMA, 2, 64, BASE 25.0 MM	HMA FOR TEMPORARY PAVEMENT		MILLING, TRANSITION	SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE III	SUBGRADE TREATMENT TYPE IB	ASPHALT FOR TACK COAT	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	COMPACTED AGGREGATE, NO. 53				COMPACTED AGGREGATE, NO. 53	COMPACTED AGGREGATE, NO. 73	REMARKS
						AGGREGATE	ASPHALT	CONCRETE					INCH		LB./SYS.														DEPTH (INCHES)		DEPTH (6")	DEPTH (12")	DEPTH (12")	DEPTH (INCHES)	
									1	2	CUT	FILL	6	9	550	880	165	275	440	165	275								3	6				6	
		FT.	FT.	FT.	FT.				%	%	CYD.	CYD.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	LFT	LFT	SYS	SYS	CYS	CYS	TON	SYS.	
40+34 RT.	Class I Drive	11.7	25	20 / 10					2.0	-0.6	2.0		50.7										50.7												
Line "PR-S-1-A"																																			
(Klerner Lane)																																			
13+39 RT.	Class I Drive	13	21.3	20 / 10	1.3		X		2.0	-3.3	5.3		46.3										46.3										2.9		
16+91 LT.	Class I Drive	16	23.8	10 / 20	12.8		X		-2.0		0.9	9.6	45.4		26.0								71.4												
18+27 RT.	Mod. Class I Drive	18.9	23	20 / 10					8.3	2.0	4.6	0.4	63.5										63.5												Modified Radius
18+52 RT.	Mod. Class I Drive	20.5	40	10 / 10	17		X		8.3	2.0	23.1		61.0		39.0								100.0												Modified Radius and Width
19+65 LT.	Class I Drive	14.5	19	10 / 20	1		X		2.0	-5.0	5.2		48.9		1.0								49.9												
19+71 RT.	Class I Drive	24	23	20 / 10					-2.0	-3.1	6.0		75.8										75.8												
20+14 RT.	Mod. Class I Drive	21	23	10 / 10					-2.0	-1.7	6.7		75.6										75.6												Modified Radius and Width
Line "S-2-A"																																			
1+75 RT.	Mod. Class I Drive	18	24.5	15 / 10	12.5			X	2.0		2.5		61.4										61.4												Modified Radius
Maintenance of Traffic																																			
Phase 1B											17.0									61.0	61.0			90.0						61.0	8.0				
Phase 4 Prelim											96.1									346.0	346.0			577.0						342.6	67.0		31.0		
Mainline Pavement																																			
5+10.36 to 40+70"PR-A"	Mt Tabor Road																8936	8936	8936					11220	26808	4530	4530	9063			455				Subgrade value accounts for rock excavation area.
13+00 to 15+51 "PR-S-1-A"	Klerner Lane																884	884	884					1152	2652	467	467	884							
15+83 to 20+85 "PR-S-1-A"	Klerner Lane																1700	1700	1700					2197	5100	872	872	1700							
1+00 to 1+97 "S-2-A"	W. Oakwood Drive																448	448	448					538	1344	176	176	448							
Incidental Pavement																																			
40+70 to 40+95 "PR-A"	Mt Tabor Road																56					56.0			56										
COLUMN TOTALS											506	39	1502	847	734	466	12289	12233	12233	407	407	56	3548	667	15370	36752	6221	6221	12095	404	75	455	31	3	
FACTOR											1	1	1	1	0.275	0.44	0.0825	0.1375	0.22	0.08	0.14	1	1	1	1	0.00025	1	1	0.083	0.167	1	1	1	0.333	

MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: JJP
CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

APPROACH TABLES

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	101 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

10/30/2017 1 55703 PM I P:\091050_Mt_Tabor\09 Road - Indiana\04 Design Files\10GN\Plans - P1\091050_24_Approach Tables.dgn

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE	DESCRIPTION		LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL		GEOTEXTILES	REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP	UNIFORM RIPRAP	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE			COVER	UP STREAM	DOWN STREAM					CYS	TYPE	SYS	TON	TON	TON	TON	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
					INCHES			LFT		FT	ELEV.	ELEV.	YRS.																		
	Line "PR-A"																														
11	5+14.70		X				Existing Inlet							N																	No Change Req'd.
12	5+30.80	X					Existing San. Manhole							N																	No Change Req'd.
13	5+43.00			X			Existing Manhole							N																	No Change Req'd.
13A	5+52.00		X				Existing Inlet							N																	No Change Req'd.
14	5+95.00	X					Manhole Type C4				484.27	479.62	75	N	7																Connect to Exist 18" Pipe
15	5+97.00	X			12	2	Inlet Type C-15	12		2.0	486.76	486.72	75	N	7	1	4.1	1											14	
16	5+98.00		X		12	2	Inlet Type B-15	29		1.2	486.87	486.77	75	N	7	1	6.9	1											15	
18	7+30.00	X			30	2	Manhole Type D4	22		1.6	478.53	478.43	75	N	7	1	14.1	1	54	30										Outlet
19	7+30.00	X			15	2	Inlet Type C-15	16		2.2	481.44	481.32	75	N	7	1	6.7	1											18	
20	7+30.00		X		15	2	Inlet Type C-15	27		1.1	481.62	481.46	75	N	7	1	6.1	1											19	Water Main Quality Structure (See Special Provisions)
21	7+30.00		X		12	2	Inlet Type A-3	7		2.1	481.78	481.64	75	N	7	1	2.5	1											20	Water Main Quality Structure (See Special Provisions)
22	8+13.00	X			30	2	Manhole Type K4	78		3.0	478.90	478.58	75	N	7	1	74.4	1											18	
23	8+13.00	X			18	2	Mod. Manhole Type J-15	12		2.6	479.91	479.85	75	N	7	1	6.4	1											22	
24	8+13.00		X		18	2	Mod. Manhole Type J-15	17		1.8	480.13	480.01	75	N	7	1	6.9	1											23	Water Main Quality Structure (See Special Provisions)
25	8+25.00		X		15	2	Mod. Manhole Type J-15	6		1.4	480.55	480.51	75	N	7	1	1.8	1											24	Water Main Quality Structure (See Special Provisions)
26	8+40.00	X			12	2	Inlet Type B-15	22		1.5	480.83	480.72	75	N	7	1	6.1	1											23	
27	8+50.30	X					Existing San. Manhole							N																	No Change Req'd.
28	8+53.00		X		12	2	Mod. Manhole Type J-15	26		1.5	481.06	480.82	75	N	7	1	7.2	1											25	Water Main Quality Structure (See Special Provisions)
29	9+01.00		X		12	2	Inlet Type E-7	64		2.0	484.67	481.06	75	N	7	1	21.9	1											28	Water Main Quality Structure (See Special Provisions)
30	9+40.00	X			18	2	Manhole Type K4	121		3.8	481.61	479.00	75	N	7	1	88.2	1											22	Connect to Exist. Pipe
31	9+40.00	X			15	2	Inlet Type C-15	3		2.8	482.89	482.86	75	N	7	1	1.5	1											30	
32	9+40.00		X		15	2	Inlet Type C-15	19		1.4	483.34	483.12	75	N	7	1	5.8	1											31	
33	9+40.00		X		15	2	18" Pipe Catch Basin	9		2.0	483.66	483.60	75	N	7	1	3.5	1											32	Water Main Quality Structure (See Special Provisions)
34	9+97.90		X		15	2	Pipe	3			488.18	488.13	75	N	7	1		1	65				25							Water Main Quality Structure (See Special Provisions)
35	10+54.00	X			18	2	Manhole Type D4	105		3.4	486.09	482.98	75	N	7	1	69.6	1											30	Connect to Exist. Pipe
36	10+54.00		X		18	2	Inlet Type B-15	27		1.0	487.88	487.61	75	N	7	1	7.7	1											35	30' of Slotted Drain Req'd.
37	10+24.70	X					Existing San. Manhole							N																	Adjust Casting to Grade
38	11+27.70	X			15	2	Manhole Type C4	68		5.5	489.50	487.05	75	N	7	1	63.1	1											35	
39	11+28.00	X			12	2	Inlet Type B-15	4		3.6	491.30	491.20	75	N	7	1	2.2	1											38	
40	13+00.00	X			12	2	18" Pipe Catch Basin	1		1.8	499.04	499.00	75	N	7	1	0.3	1											41	
41	13+00.00	X			15	2	Manhole Type C4	168		4.2	496.35	489.76	75	N	7	1	120.8	1											38	
42	14+25.00	X			12	2	Manhole Type C4	120		4.5	501.21	496.60	75	N	7	1	82.5	1											41	
43	14+25.00	X			12	2	Inlet Type C-15	5		3.6	502.57	502.50	75	N	7	1	2.8	1											42	20' of Slotted Drain Req'd.

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB

CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	102 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE	DESCRIPTION		LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL		GEOTEXTILES	REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP	UNIFORM RIPRAP	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE			COVER	UP STREAM	DOWN STREAM																			
					INCHES			LFT		FT	ELEV.	ELEV.	YRS.				CYS	TYPE	SYS	TON	TON	TON	TON	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
	Line "PR-A" (Cont)																														
44	14+25.00		X		12	2	Inlet Type B-15	19		2.4	502.67	502.57	75	N	7	1	7.5	1												43	
45	16+35.00	X			12	2	18" Pipe Catch Basin	3		1.3	508.12	508.11	75	N	7	1	0.8	1												46	
46	16+35.00	X			12	2	Manhole Type C4	202		2.5	507.87	501.35	75	N	7	1	82.4	1												42	
47	17+90.80	X					Existing San. Manhole							N																	No Change Req'd.
48	18+50.00	X			12	2	Inlet Type C-15	6		2.6	506.49	506.45	75	N	7	1	2.5	1												50	
48A	18+50.00	X			12	2	Manhole Type C4	195		2.5	506.45	502.84	75	N	7	1	79.5	1												48	
49	18+50.00		X		12	2	Inlet Type B-15	20		1.7	506.55	506.49	75	N	7	1	6.1	1												48A	
50	20+50.00	X			12	2	Manhole Type C4	67		2.2	501.00	500.00	75	N	7	1	24.7	1												53	
51	20+52.20	X			12	2	Inlet Type C-15	11		2.1	502.87	502.84	75	N	7	1	3.9	1												50	
52	20+52.40		X		12	2	Inlet Type B-15	19		1.6	502.98	502.87	75	N	7	1	5.5	1												51	Water Main Quality Structure (See Special Provisions)
53	21+20.00	X			18	2	Manhole Type C4	10		4.4	498.10	498.05	75	N	7	1	8.3	1	20	9											Outlet
54	21+18.00		X		12	2	Inlet Type B-15	20		5.4	498.60	498.40	75	N	7	1	16.4	1												55	
55	21+17.40	X			12	2	Inlet Type C-15	11		5.9	498.30	498.20	75	N	7	1	9.9	1												53	
59	22+05.00	X					Existing Force Main Manhole							N																	Adjust to Grade
61	23+53.40		X		12	2	18" Pipe Catch Basin	45		4.0	497.00	494.70	75	N	7	1	27.7	1												62	Water Main Quality Structure (See Special Provisions)
62	24+00.00		X		12	2	Inlet Type C-15	130		1.2	494.62	489.00	75	N	7	1	31.1	1												65	Water Main Quality Structure (See Special Provisions)
64	25+35.00	X			12	2	Inlet Type C-15	27		2.4	488.60	488.32	75	N	7	1	10.6	1	11	4											Outlet
65	25+35.00		X		12	2	Inlet Type C-15	19		1.4	489.00	488.62	75	N	7	1	5.0	1												64	Water Main Quality Structure (See Special Provisions)
67	26+75.00		X		12	2	Inlet Type B-15	50		1.5	484.77	484.25	75	N	7	1	13.9	1	11	4											Water Main Quality Structure (See Special Provisions)
69	29+00.00	X			12	2	Inlet Type C-15	24		3.9	476.26	476.00	75	N	7	1	14.4	1	11	4											Outlet
70	29+00.00		X		12	2	Inlet Type C-15	20		2.5	476.46	476.26	75	N	7	1	8.2	1												69	Water Main Quality Structure (See Special Provisions)
71	29+33.00		X		12	2	Inlet Type B-15	29		1.5	476.61	476.46	75	N	7	1	8.0	1												70	Water Main Quality Structure (See Special Provisions)
72	30+27.70	X			15	2	Manhole Type C4	13		2.1	475.03	474.75	75	N	7	1	5.3	1	82		65										Outlet
73	30+34.00	X			15	2	Inlet Type C-15	15		3.5	475.17	475.03	75	N	7	1	9.2	1												72	
74	30+34.00		X		15	2	Inlet Type C-15	20		1.8	475.60	475.42	75	N	7	1	7.2	1												73	Water Main Quality Structure (See Special Provisions)
																															20' of Slotted Drain Req'd.
75	30+60.00		X		15	2	Inlet Type C-15	21		1.2	475.84	475.62	75	N	7	1	5.8	1												74	Water Main Quality Structure (See Special Provisions)
																															10' of Slotted Drain Req'd.
76	30+65.00	X			12	2	Inlet Type B-15	26		1.3	475.88	475.61	75	N	7	1	6.5	1												73	
77	30+84.50		X				Existing Storm Manhole							N																	Adjust Casting to Grade
78	31+80.00		X		12	2	Inlet Type B-15	115		1.6	477.12	475.90	75	N	7	1	33.3	1												75	Water Main Quality Structure (See Special Provisions)
79	31+95.50	X					Existing Sanitary Manhole							N																	Adjust to Grade

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MONTE S. MILDENBERG
REGISTERED
No. PE60880378
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Monte S Mildenberg 10/30/2017
DESIGN ENGINEER DATE

DESIGNED: AJS | DRAWN: MAB

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INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	103 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE	DESCRIPTION		LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL		GEOTEXTILES	REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP	UNIFORM RIPRAP	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE			COVER	UP STREAM	DOWN STREAM																			
					INCHES			LFT		FT	ELEV.	ELEV.	YRS.				CYS	TYPE	SYS	TON	TON	TON	TON	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
	Line "PR-A" (Cont)																														
80	35+30.00		X		12	2	Inlet Type B-15	48		1.7	475.83	475.35	75	N	7	1	14.5	1												82	Water Main Quality Structure (See Special Provisions)
81	35+30.00	X			12	2	Inlet Type B-15	48		3.2	475.83	475.20	75	N	7	1	24.1	1												83	
82	35+83.20		X		12	2	Inlet Type C-15	31		1.5	475.25	475.10	75	N	7	1	8.6	1												83	Water Main Quality Structure (See Special Provisions)
83	35+83.00	X			12	2	Mod. Manhole Type J15	45		2.4	474.80	474.38	75	N	7	1	17.7	1												83A	
83A	36+30.00	X			18	2	Manhole Type J4	34		2.5	472.63	472.01	75	N	7	1	17.6	1												97A	
96	36+72.40	X					Existing San. Manhole							N																Adjust to Grade
107	37+23.00	X			24	2	Manhole Type C4	36		5.3	469.16	468.92	75	N	7	1	43.0	1												99	
108	38+10.00	X			15	2	Inlet Type C-15	3		1.8	472.81	472.71	75	N	7	1	1.1	1												108A	
108A	38+10.00	X			18	2	Manhole Type C4	82		4.5	470.20	469.69	75	N	7	1	69.5	1												107	
109	38+10.00		X		12	2	Inlet Type B-15	30		0.7	473.21	472.91	75	N	7	1	5.3	1												108	Water Main Quality Structure (See Special Provisions)
110	38+88.60	X					Existing San. Manhole							N																Adjust to Grade
111	39+75.00	X			18	2	Inlet Type C-15	3		3.0	470.80	470.75	75	N	7	1	1.8	1												111A	
111A	39+75.00	X			18	2	Manhole Type C4	160		3.1	470.69	470.29	75	N	7	1	98.2	1												108A	
112	39+75.00		X		18	2	Inlet Type C-15	23		2.2	471.00	470.90	75	N	7	1	10.8	1												111	
113	40+06.50		X		18	2	Inlet Type E-7	36		1.6	471.24	471.17	75	N	7	1	13.6	1												112	Water Main Quality Structure (See Special Provisions)
	Line "PR-S-1-A"																														
85	13+10.00	X			12	2	Inlet Type C-15	96		3.0	481.99	478.29	75	N	7	1	45.6	1												88	
85A	13+10.00		X		12	2	Inlet Type B-15	23		2.3	483.11	482.87	75	N	7	1	8.8	1												85	Water Main Quality Structure (See Special Provisions)
88	14+10.00	X			12	2	Mod. Manhole Type J-15	70		3.9	477.66	475.36	75	N	7	1	42.1	1												91	
89																														No. 89 Unused	
91	14+86.00	X			15	2	Mod. Manhole Type J-15	33		3.5	474.69	474.28	75	N	7	1	20.2	1												95	
92	14+86.00		X		15	2	Inlet Type B-15	31		1.3	475.57	474.95	75	N	7	1	9.0	1												91	Water Main Quality Structure (See Special Provisions)
92A																														No. 92A Unused	
95	15+25.00	X			18	2	Mod. Manhole Type J-15	54		2.8	473.75	473.06	75	N	7	1	30.5	1												83A	Water Main Quality Structure (See Special Provisions)
95A	15+25.00	X			18	2	18" Pipe Catch Basin	17		2.1	474.83	474.42	75	N	7	1	7.7	1												95	Water Main Quality Structure (See Special Provisions)
97A	16+45.60	X			18	2	Manhole Type D4	46		3.9	471.05	470.34	75	N	7	1	34.3	1												99	Water Main Quality Structure (See Special Provisions)
97	16+37.00	X			12	2	Inlet Type B-15	9		1.0	472.22	472.10	75	N	7	1	1.9	1												97A	
98	16+37.00		X		12	2	Inlet Type B-15	15		2.6	472.20	472.10	75	N	7	1	6.3	1												99	Water Main Quality Structure (See Special Provisions)
99	16+23.00		X		24	2	Manhole Type J4	243		5.9	468.71	457.66	75	N	7	1	319.9	1												101	

MONTE S. MILDENBERG REGISTERED No. PE60880378 STATE OF INDIANA PROFESSIONAL ENGINEER

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CHECKED: MSM | CHECKED: MSM

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	N.A.
VERTICAL SCALE	DESIGNATION NO.
N.A.	0710808
SURVEY BOOK	SHEETS
ELECTRONIC	104 of 146
CONTRACT	PROJECT NO.
R-33319	0710808

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE	DESCRIPTION		LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL		GEOTEXTILES	REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP	UNIFORM RIPRAP	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE			COVER	UP STREAM	DOWN STREAM													TYPE	SLOPE	EA.				
					INCHES			LFT		FT	ELEV.	ELEV.	YRS.				CYS	TYPE	SYS	TON	TON	TON	TON	EA.							
	Line "PR-S-1-A" (Cont)																														
100	18+66.00	X					Existing San. Manhole																								Adjust to Grade
101	18+71.00		X		24	2	Manhole Type C4	159		4.5	457.1	451.2	75.0	N	7	1	164.1	1												105	
102	20+18.00	X					Existing San. Manhole																								Adjust to Grade
103	20+40.00	X			12	2	Inlet Type B-15	23		1.2	453.6	453.5	75.0	N	7	1	5.5	1												104	Water Main Quality Structure (See Special Provisions)
104	20+40.00		X		12	2	Inlet Type C-15	8		2.1	453.2	453.1	75.0	N	7	1	2.8	1												105	
105	20+40.00		X		24	2	Manhole Type C4	73		1.7	451.1	450.0	75.0	N	7	1	36.5	1	28			18									Outlet
	Line "S-2-A"																														
55A																															No. 55A Unused
56																															No. 56 Unused
57																															No. 57 Unused
58																															No. 58 Unused
60																															No. 60 Unused
	TOTALS																**2107.8**		**282**	**51**	**65**	**18**	**25**								
																	CYS		**SYS**	**TON**	**TON**	**TON**	**TON**								

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		STRUCTURE NUMBER																WATER MAIN QUALITY PIPE				
	GROUP	A	B	C	D	E	F	G	H	I	J	K	L	M	N		20	X	Y	Z		
PIPE TYPE / SHAPE		2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR	2 CIR		2 CIR	WMQ CIR	WMQ CIR	WMQ CIR		
SMOOTH PIPE SIZE		12 IN	12 IN	18 IN	15 IN	15 IN	24 IN	18 IN	18 IN	12 IN	24 IN	12 IN	30 IN	30 IN	12 IN		12 IN	12 IN	15 IN	18 IN		
CORRUGATED PIPE SIZE																						
RCP/RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	III	II	III	II	II	IV		III	WATER QUALITY STRUCTURE ***				
	$D_{0.01}$ RATING	1000	1000	1000	1000	1000	1000	1000	1000	1250	1000	1250	1000	1000	1500		1250					
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		OK	OK	OK	OK	OK	OK	OK		OK	OK		OK									
CORRUGATED PE PIPE, TYPE S (S)*		OK		OK	OK						OK		OK									
RIBBED PE PIPE (S)*				OK							OK		OK									
SMOOTH WALL PE PIPE (S)* / MAXIMUM DR 26		OK		OK	OK						OK		OK									
PROFILE WALL PVC PIPE (S)		OK		OK	OK						OK		OK									
SMOOTH WALL PVC PIPE (S)*		OK		OK	OK						OK											
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		OK	OK	OK	OK	OK	OK	OK		OK	OK	OK	OK	OK								
CORRUGATED STEEL PIPE / PIPE-ARCH																						
FULLY BIT. PAVED & LINED (S)	CORR. PROFILE			2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"	2 2/3" X 1/2"		2 2/3" X 1/2"		2 2/3" X 1/2"	2 2/3" X 1/2"								
	THICKNESS			0.109	0.109	0.109	0.109	0.109	0.109		0.109		0.109	0.109								
ZINC COATED (C)	CORR. PROFILE																					
	THICKNESS																					
ZINC COATED W/ BPI (C)	CORR. PROFILE																					
	THICKNESS																					
ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
	THICKNESS																					
ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE																					
	THICKNESS																					
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
	THICKNESS																					
POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE																					
	THICKNESS																					
POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
	THICKNESS																					
FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE																					
	THICKNESS																					
FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE																					
	THICKNESS																					
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE																					
	THICKNESS																					
CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE																					
	THICKNESS																					
STR. PLATE ALUMINUM ALLOY PLATE (C)	CORR. PROFILE																					
	THICKNESS																					
STR. PLATE ALUMINUM ALLOY PLATE W/ CFP (C)	CORR. PROFILE																					
	THICKNESS																					
STR. PLATE STEEL PIPE (C)	CORR. PROFILE																					
	THICKNESS **																					
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE																					
	THICKNESS **																					

A	15, 39, 42, 43, 44, 46, 48, 48A, 50, 51, 54, 55, 55A, 57, 58, 60, 64, 69, 70, 81, 83, 84, 85, 88, 94, 104
B	26, 40, 49, 56
C	23, 30, 35, 53, 83A, 108A, 111, 111A, 112
D	19, 31, 38, 41, 72, 73, 91
E	32, 108
F	105
G	115, 118
H	36
I	45, 76
J	99, 101, 107
K	16, 62, 103
L	22
M	18
N	97, 109
X	21, 28, 29, 52, 61, 62, 65, 67, 70, 71, 78, 80, 82, 109, 85A, 98, 103
Y	20, 25, 33, 34, 74, 75, 92
Z	24, 97A, 113, 95, 95A

LEGEND

RCP-	Reinforced Concrete Pipe
RCHEP-	Reinforced Concrete Horizontal Elliptical Pipe
PE-	Polyethylene
DR-	Dimension Ratio
PVC-	Polyvinyl Chloride
BIT-	Bituminous
CORR-	Corrugation
BPI-	Bituminous Paved Invert
ALUM-	Aluminum
STR-	Structural
CFP-	Concrete Field Paving
CIR-	Circular Pipe
DEF-	Deformed Pipe
(S)-	Smooth Pipe Material
(C)-	Corrugated Pipe Material
OK-	Acceptable for Use
(LS)-	Lock Seam Pipe Required
*-	Refer to Standard Drawings 715-PHCL-18 and -19 for nominal diameter appropriate for pay item diameter.
**-	Tabulated thickness refers to top and side plates. Bottom plates shall be of next greater available thickness.
***-	See Special Provision for Water Quality Structure

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PIPE MATERIAL TABLE

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N.A.	N.A.
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N.A.	0710808
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ELECTRONIC	106 of 146
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