

PROJECT	DESIGNATION
	1592335
CONTRACT	
R-38992	

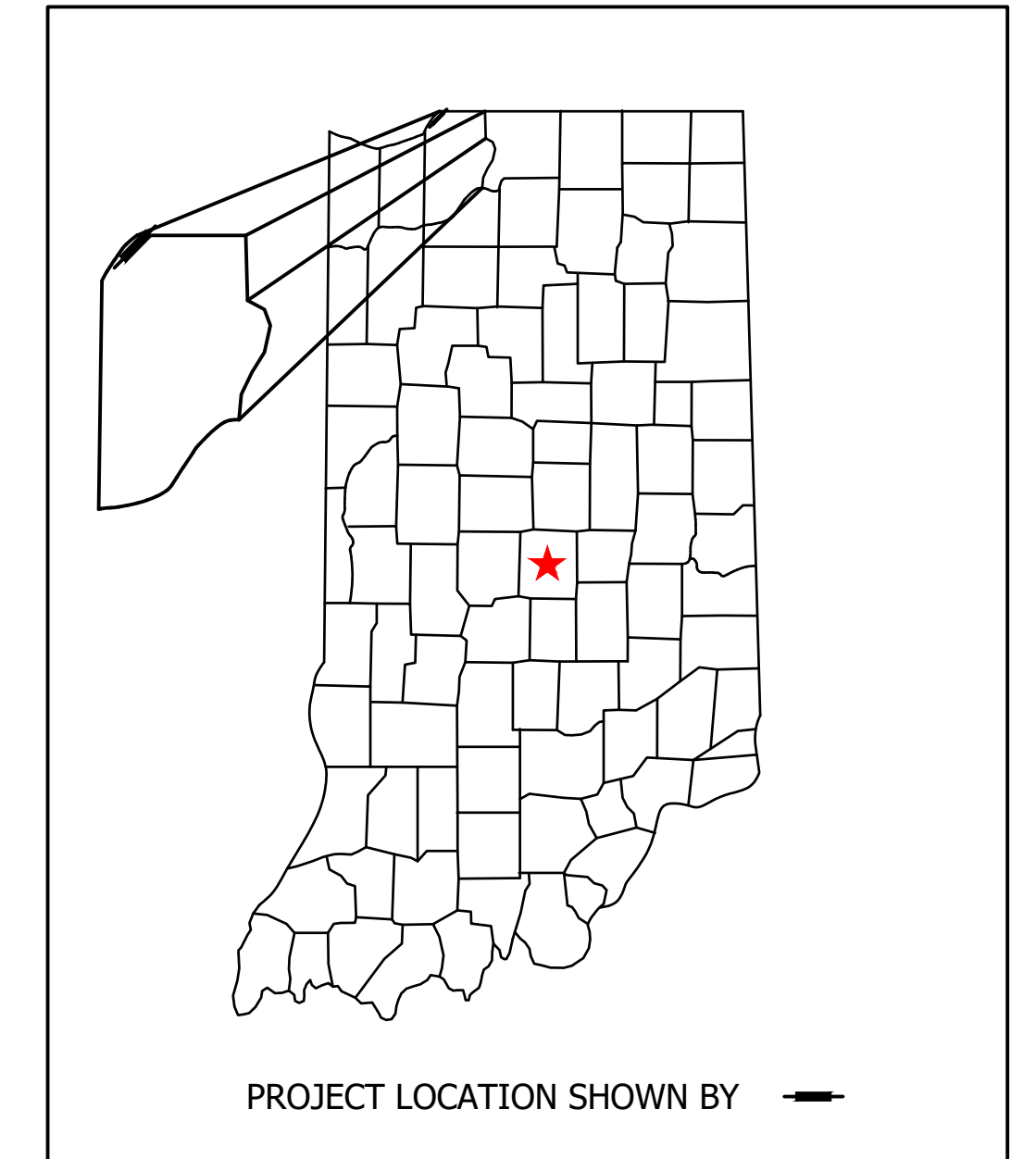
INDIANA  
DEPARTMENT OF  
TRANSPORTATION

**MARQUETTE GREENWAY TRAIL**  
ALONG OLD GRAND BEACH ROAD FROM EL PORTAL  
DRIVE TO THE INDIANA/MICHIGAN STATE LINE  
TOWN OF MICHIANA SHORES, INDIANA  
PROJECT NO. R-38992

ASPHALT PATHWAY, CURB RAMPS, AND CROSSWALK IMPROVEMENTS BOUNDED BY INTERSECTION OF EL PORTAL DRIVE AND OLD GRAND BEACH ROAD, NORTHWEST ALONG OLD GRAND BEACH ROAD TO THE INDIANA/MICHIGAN STATE LINES; ALL WITHIN SECTIONS 7 & 18 OF TOWNSHIP 38, RANGE 3W, SPRINGFIELD TOWNSHIP IN THE TOWN OF MICHIANA SHORES, La PORTE COUNTY, INDIANA.

P.E.  
R/W  
CONST.

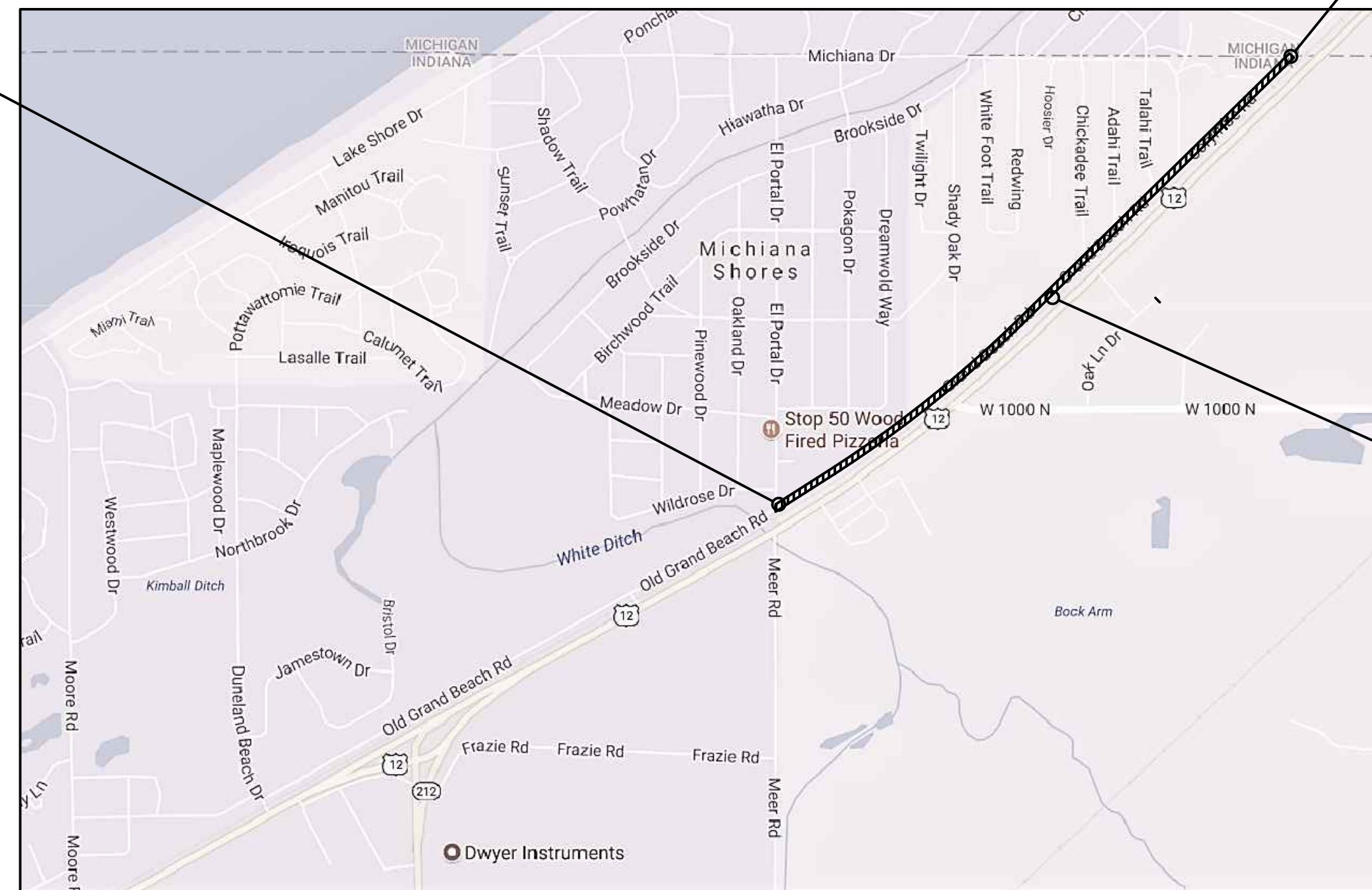
GROSS LENGTH: 1.023 MILES  
NET LENGTH: 1.023 MILES  
SCALES:  
PLAN { LONG: 1" = 20'    HORZ: 1" = 20' } PROFILE  
      TRANS: 1" = 20'    VERT: 1" = 5' }  
LOCATION:  
LATITUDE: 41° 45' 02" N  
LONGITUDE: 86° 48' 58" W



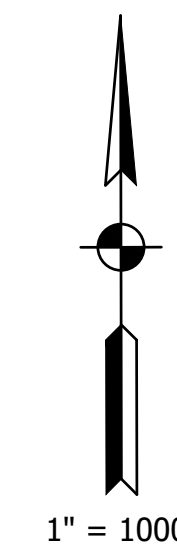
PROJECT LOCATION SHOWN BY H.U.C. 14 DIGIT CODE NO.: 04040001090020

BEGIN PROJECT  
STA. 860+60.00 'A'

END PROJECT  
STA. 913+95.00 'A'



PROJECT LOCATION

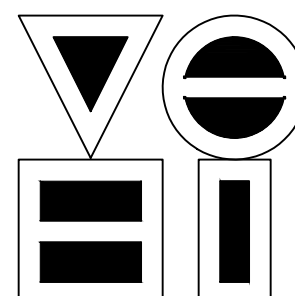


1" = 1000'

LOCATION MAP  
SPRINGFIELD TOWNSHIP  
La PORTE COUNTY

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

DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\01 General Sheets\  
 FILE: .....16-3509 Title Sheet.dwg  
 DIMSCALE: 1 LTSCALE: .....500  
 PLOTTED BY: Dtieman  
 DATE: .....Sep 11, 2017 - 8:30am



**VS ENGINEERING, INC.**

4275 North High School Road Indianapolis, Indiana 46254  
 vse@vsengineering.com www.vsengineering.com  
 Phone: (317) 293-3542 Fax: (317) 293-4737

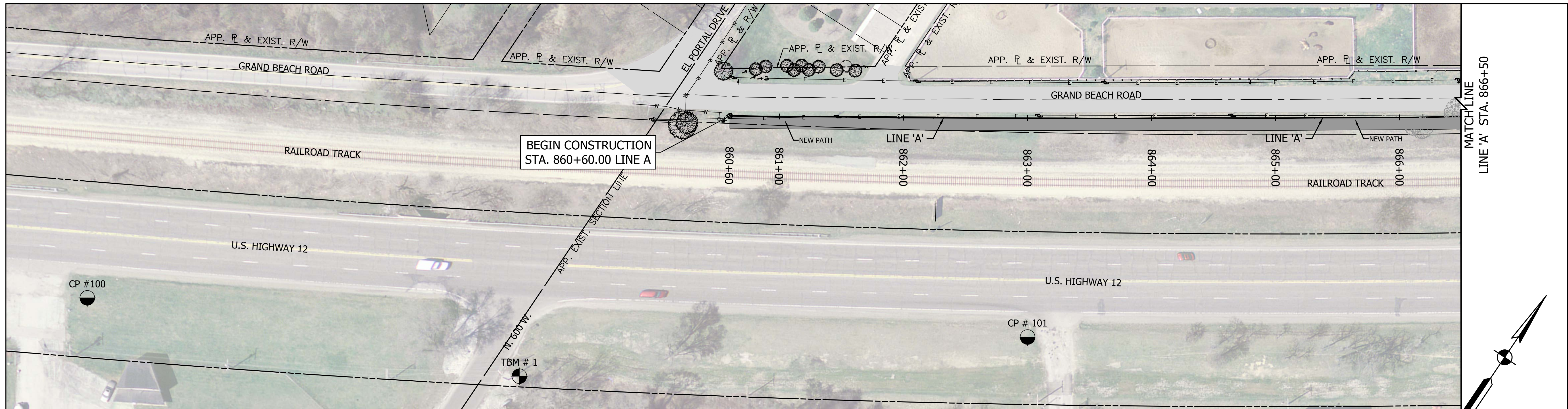
**NOT FOR  
CONSTRUCTION**  
 Preliminary  
 Only

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
		8-18-2017
DESIGNED: DRT	DRAWN: DRT	
CHECKED: MH	CHECKED: MH	

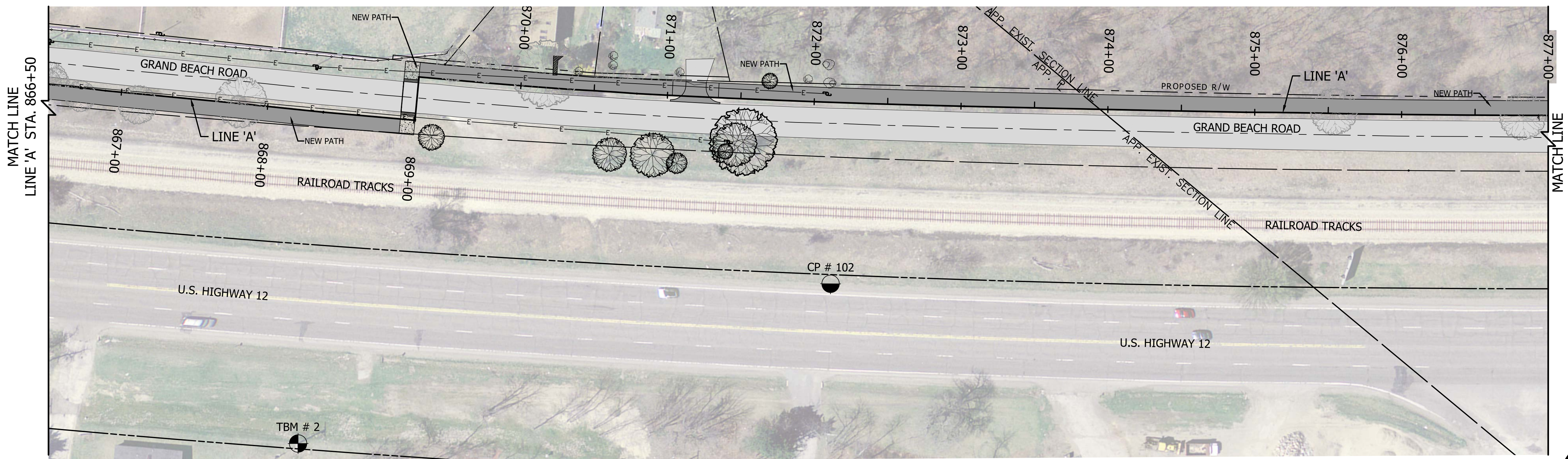
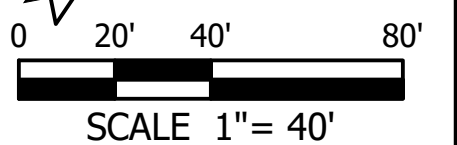
INDIANA DEPARTMENT OF TRANSPORTATION	
TITLE SHEET	

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	1592335
SURVEY BOOK	SHEETS
	01 of 54
CONTRACT	PROJECT
R-38992	1592335

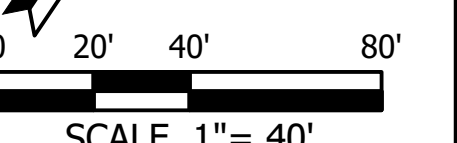




○ LINE A – SURVEY CONTROL  
PLAN VIEW

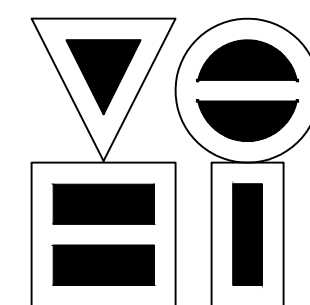


○ LINE A – SURVEY CONTROL  
PLAN VIEW



SEE SHEET 05 FOR CONTROL AND BENCHMARK INFORMATION

DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\01 General Sheets\  
 FILE: 16-3509 Survey Control.dwg  
 DIMSCALE: 40 LTSCALE: 0.5  
 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:32am



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 4275 North High School Road Indianapolis, Indiana 46254  
 vse@vsengineering.com www.vsengineering.com  
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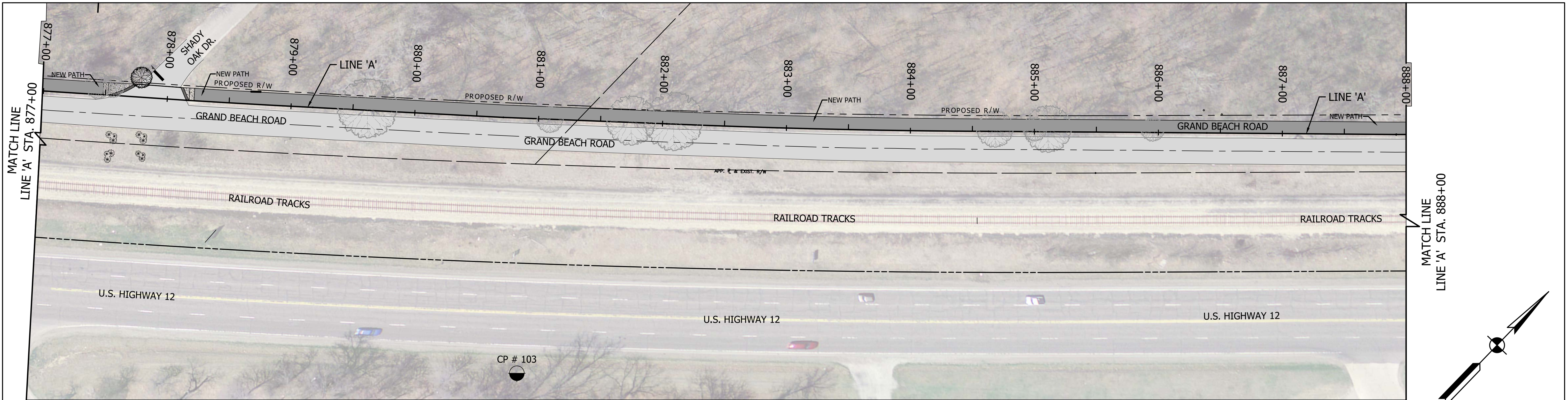
**NOT FOR CONSTRUCTION**  
 Preliminary Only

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DRT	8-18-2017
DESIGNED:	DRT	DRAWN:
CHECKED:	MH	CHECKED:
		MH

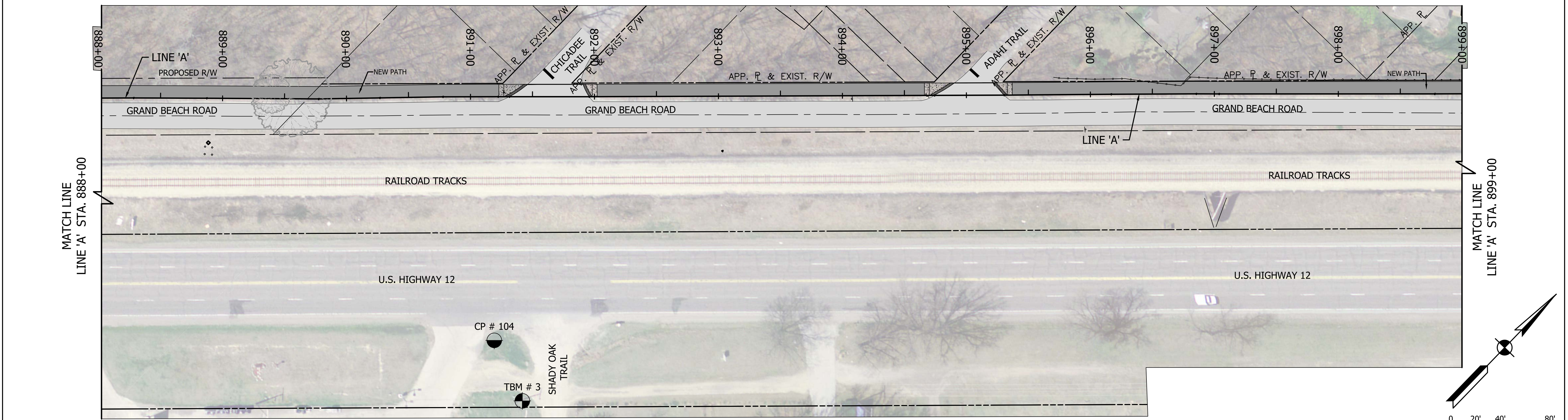
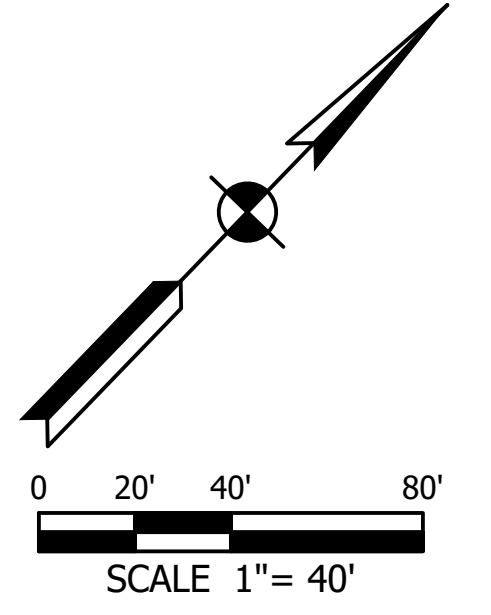
INDIANA  
DEPARTMENT OF TRANSPORTATION

**SURVEY CONTROL**

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1592335
SURVEY BOOK	SHEETS
	03 of 54
CONTRACT	PROJECT
R-38992	1592335

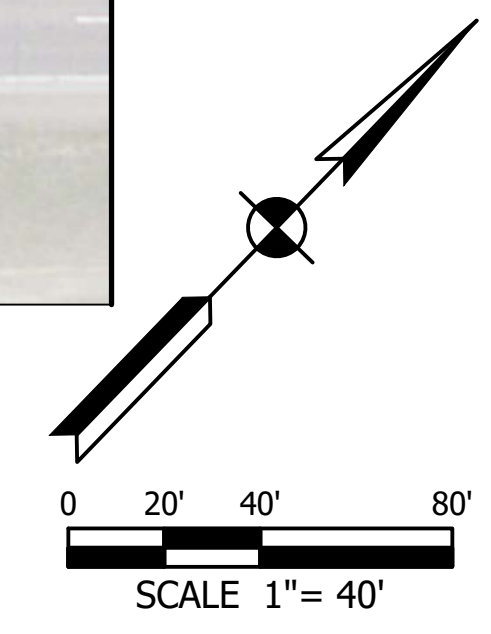


○ LINE A – SURVEY CONTROL  
PLAN VIEW

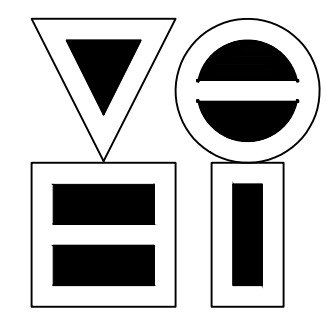


○ LINE A – SURVEY CONTROL  
PLAN VIEW

SEE SHEET 05 FOR CONTROL AND BENCHMARK INFORMATION



DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\01 General Sheets\  
 FILE: 16-3509 Survey Control.dwg  
 DIMSCALE: 40 LTSCALE: 0.5  
 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:33am



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 vse@vsengineering.com www.vsengineering.com  
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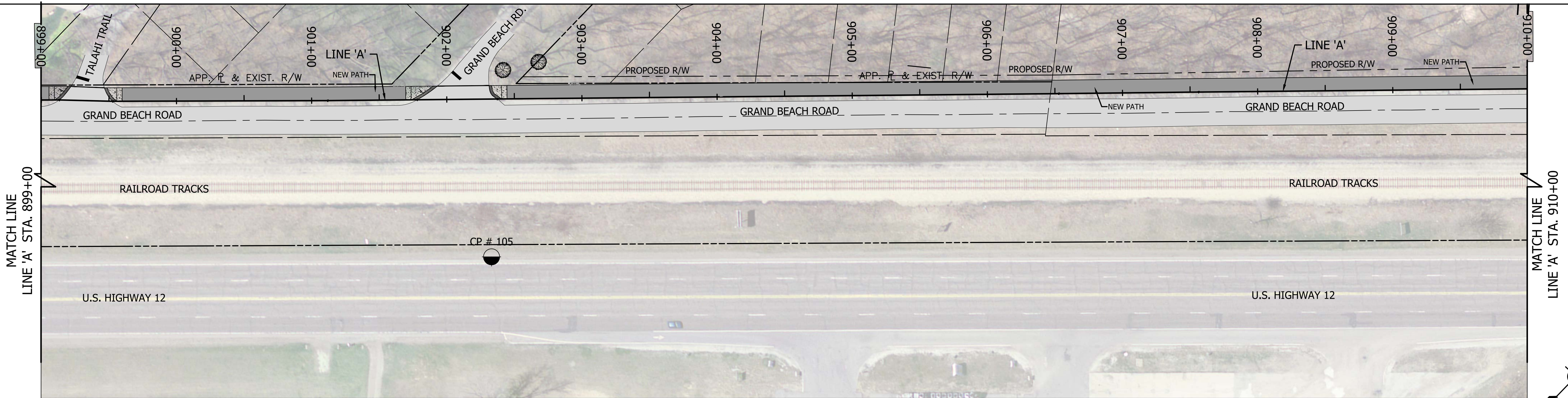
**NOT FOR CONSTRUCTION**  
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
		8-18-2017
DESIGNED: DRT	DRAWN: DRT	
CHECKED: MH	CHECKED: MH	

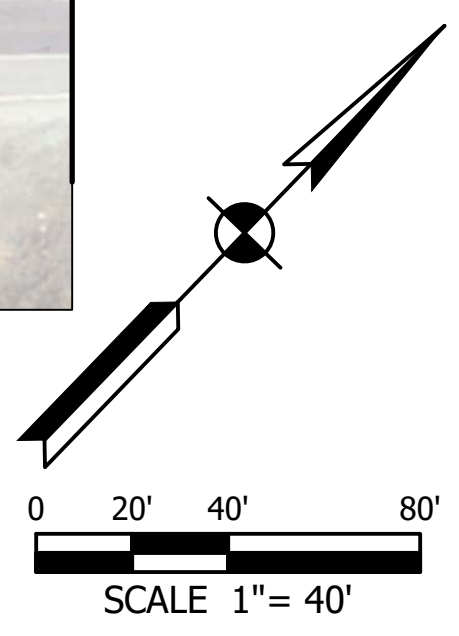
INDIANA  
DEPARTMENT OF TRANSPORTATION

**SURVEY CONTROL**

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1592335
SURVEY BOOK	SHEETS 04 of 54
CONTRACT R-38992	PROJECT 1592335

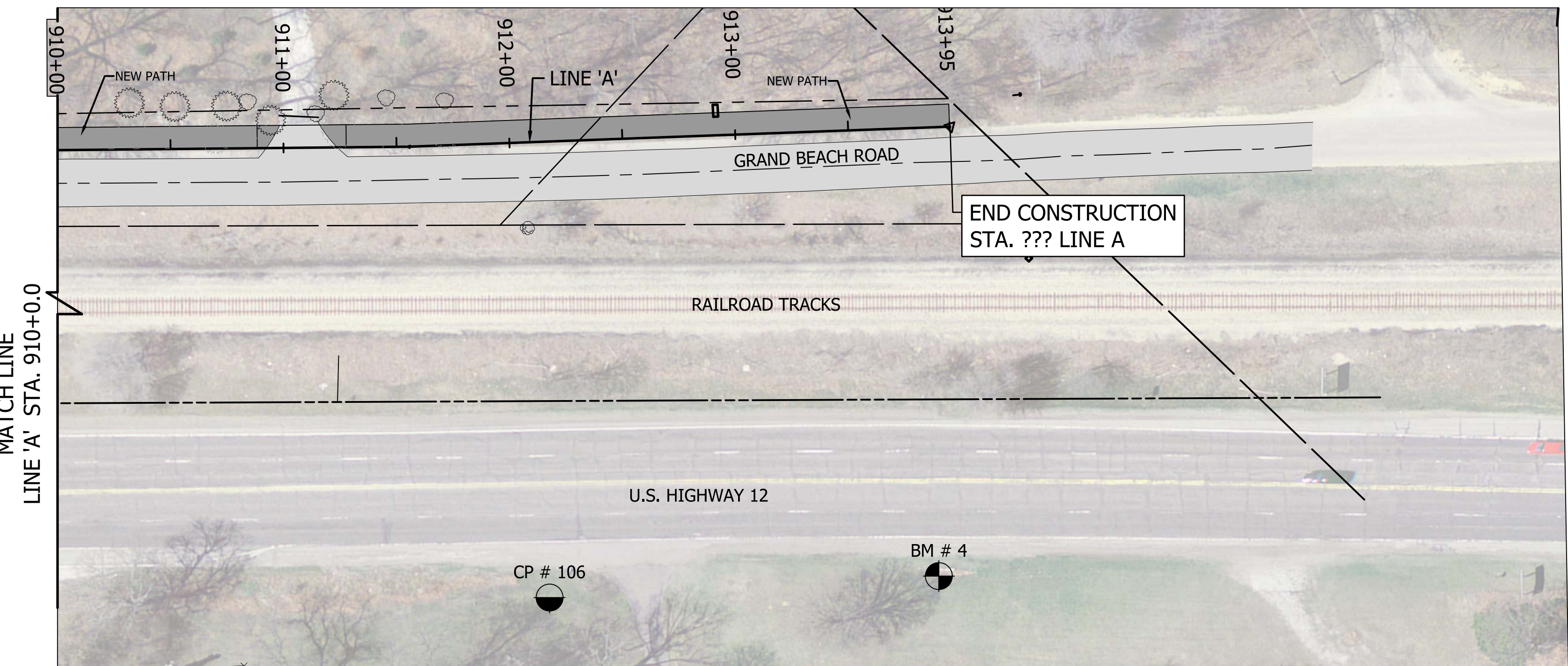


○ LINE A – SURVEY CONTROL  
PLAN VIEW

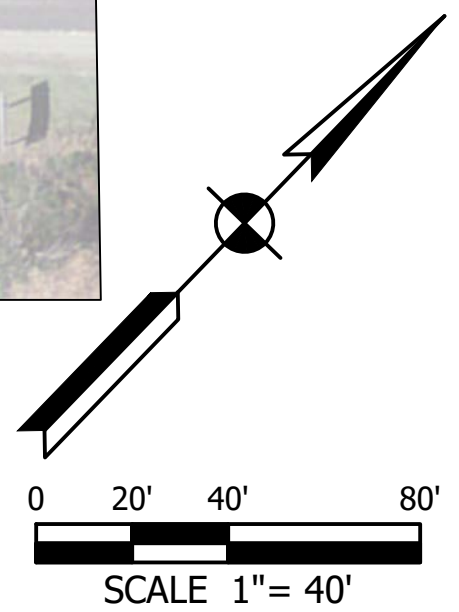


Station Name	Elev. (NAVD88)	Description
NGS D 350	615.73	Located 6.2 feet southwesterly along U.S. Highway 12 from its junction with the Red Arrow Highway in New Buffalo, 176.8 feet southwest of the center of west road, 100.1 feet southeast of the centerline of the highway, 75.8 feet northeast of the north corner of the Michigan LP Gas Company, and 5.9 feet northeast of utility pole number 235-100, access to datum point is had through a 5-inch logo cap, mark is 0.3 meters northwest from a witness post and fence, and level with the highway
TBM No. 1	615.10	Railroad spike set in the northwest face of the power pole (no number) +/- 20 feet east of Meer Road and +/- 70 feet southeast of the centerline of U.S. 12.
TBM No. 2	620.50	Railroad spike set in the northwest face of power pole number 237-233, +/- 100 feet southeast of the centerline of U.S. 12 and +/- 1,100 feet northeast of the centerline of Meer Road.
TBM No. 3	622.74	Cut "+" on the northeast bonnet bolt of the fire hydrant +/- 20 feet southwest of the centerline of Shady Oak Lane, +/- 95 feet southeast of the centerline of U.S. 12, and 53.8 feet southeast of control point number 104.
TBM No. 4	623.12	Chiseled square on the west corner of the headwall located +/- 40 feet southeast of the centerline of U.S. 12, +/- 170 feet northeast of control point number 106, and +/- 148 feet northeast of the centerline of the drive to 1050 South U.S. 12.

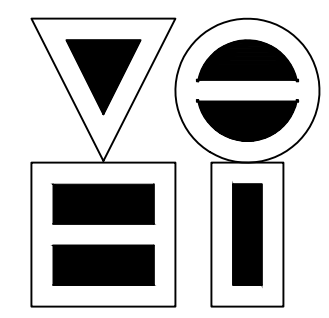
CONTROL POINT COORDINATES				
POINT No.	NORTHING	EASTING	ELEV.	DESCRIPTION
1	2368330.811	3025685.673	615.098	*TBM 1 (SEE DESCRIPTION)
2	2368847.054	3026495.765	620.502	*TBM 2 (SEE DESCRIPTION)
3	2370365.181	3028234.949	622.744	*TBM 3 (SEE DESCRIPTION)
4	2371975.457	3029805.064	623.125	*TBM 4 (SEE DESCRIPTION)
100	2368183.777	3025371.447	616.963	CONTROL POINT-REBAR SET
101	2368581.736	3026018.002	617.053	CONTROL POINT-REBAR SET
102	2369163.298	3026703.631	620.121	CONTROL POINT-REBAR SET
103	2369666.849	3027436.954	620.694	CONTROL POINT-REBAR SET
104	2370384.595	3028184.73	620.751	CONTROL POINT-REBAR SET
105	2371217.945	3028928.445	621.068	CONTROL POINT-REBAR SET
106	2371848.942	3029687.74	626.99	CONTROL POINT-REBAR SET



○ LINE A – SURVEY CONTROL  
PLAN VIEW



DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\01 General Sheets\  
 FILE: .....16-3509 Survey Control.dwg  
 DIMSCALE: 40 LTSCALE: .....0.5  
 PLOTTED BY: Dtieman  
 DATE: .....Sep 11, 2017 - 8:34am



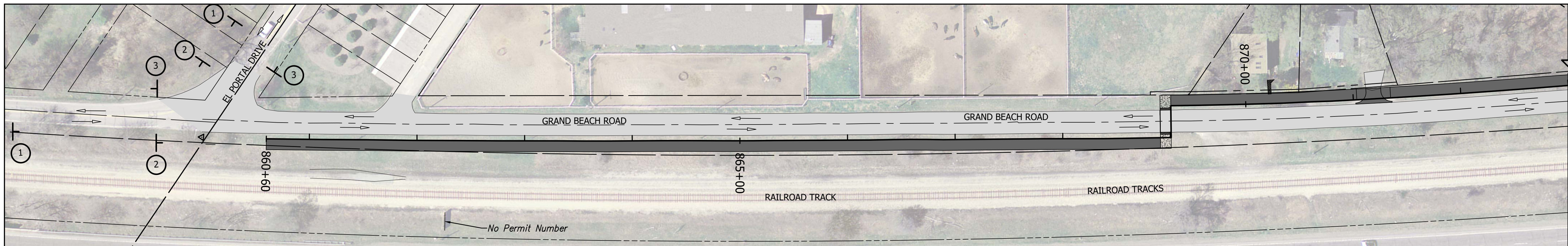
**VS ENGINEERING, INC.**  
 4275 North High School Road Indianapolis, Indiana 46254  
 vse@vsengineering.com www.vsengineering.com  
 Phone: (317) 293-3542 Fax: (317) 293-4737

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 CONSTRUCTION  
 Preliminary  
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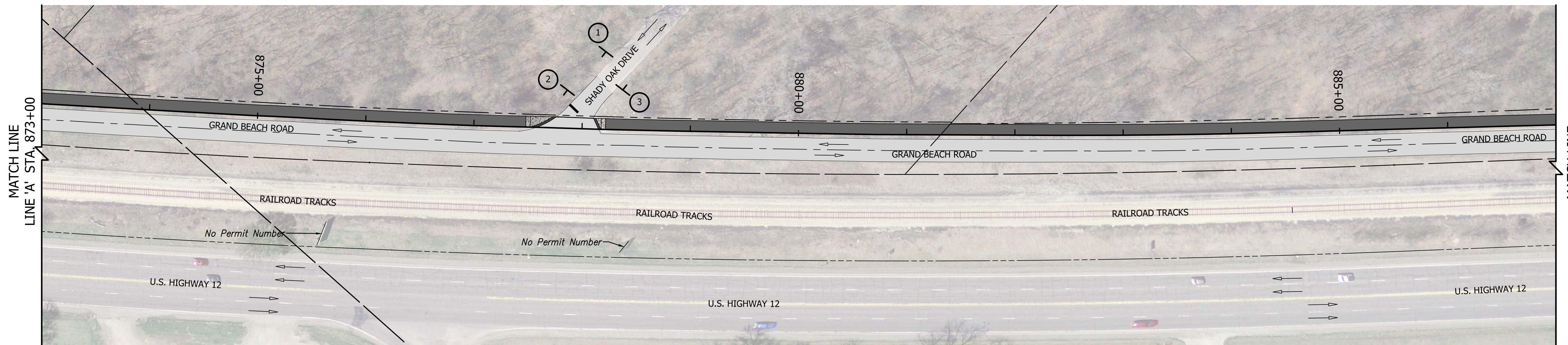
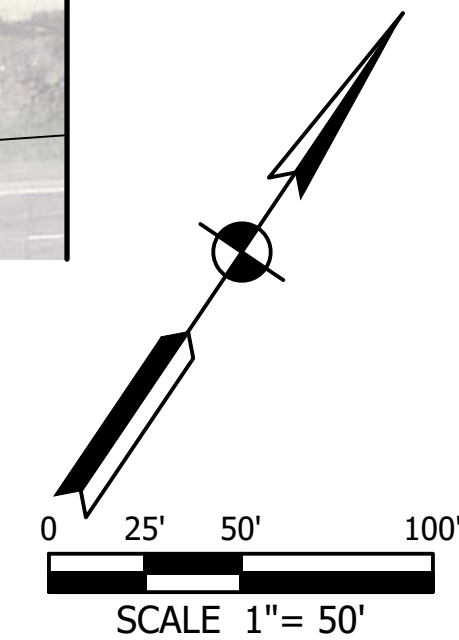
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DRT	8-18-2017
DESIGNED:	DRT	
CHECKED:	MH	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
**SURVEY CONTROL**

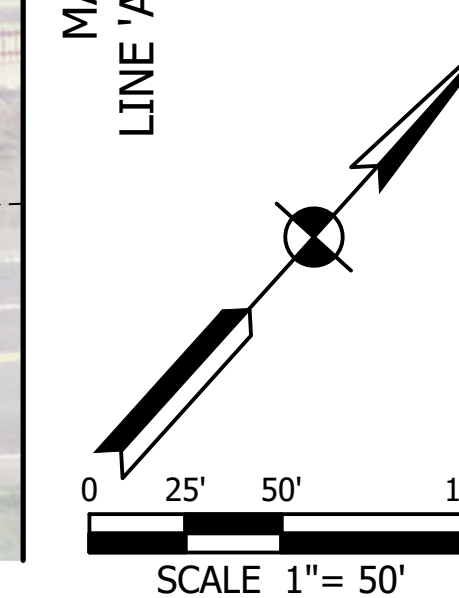
HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1592335
SURVEY BOOK	SHEETS
	05 of 54
CONTRACT	PROJECT
R-38992	1592335



○ LINE A - M.O.T.  
PLAN VIEW



○ LINE A - M.O.T.  
PLAN VIEW



○ LEGEND

- TRAVEL DIRECTION
- ⊥ CONSTRUCTION SIGN

**SIGN LEGEND**

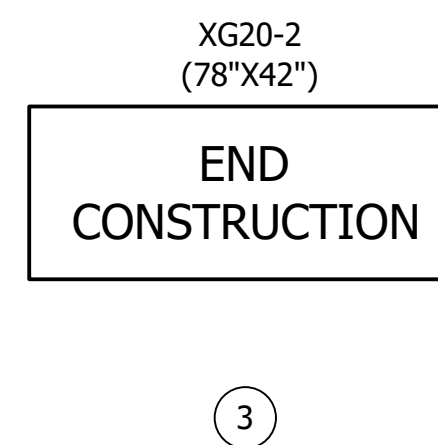
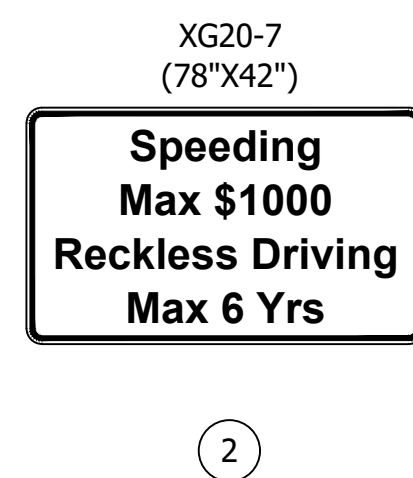
SYMBOL	MESSAGE	NUMBER
①	ROAD CONSTRUCTION AHEAD	XW20-1
②	PENALTY SIGN	XG20-7
③	END CONSTRUCTION	XG20-2

M.O.T. NOTES

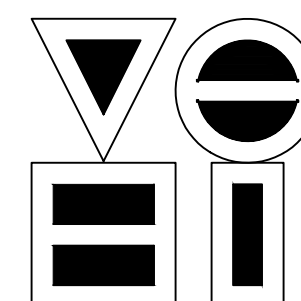
Contractor may temporarily constrict lanes if needed. If lanes are constricted, proper traffic control barriers shall be placed, and flaggers shall be used as needed. Traffic control barriers and flaggers shall be included in the cost of Maintaining Traffic.

M.O.T. QUANTITIES

Maintaining Traffic	1 Lump Sum
Construction Sign - Type A	8 Each
Construction Sign - Type B	8 Each
Construction Sign - Type C	8 Each



DIRECTORY: \\vsengineering.com\vs\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\06 MOT  
 FILE: 16-3509 MOT.dwg  
 DIMSCALE: 40 LSCALE: 0.5  
 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:35am



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 vsei@vsengineering.com  
 Phone: (317) 293-3542

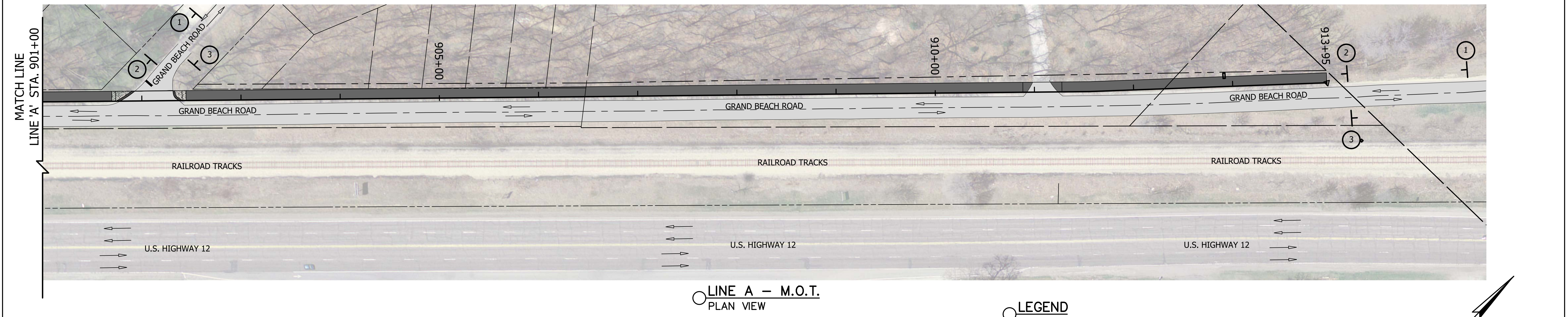
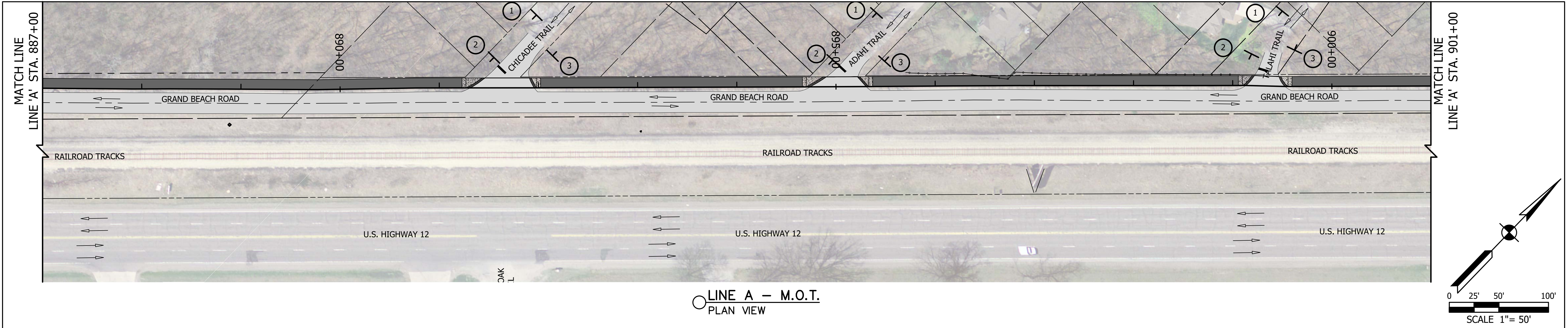
Indianapolis, Indiana 46254  
 www.vsengineering.com  
 Fax: (317) 293-4737

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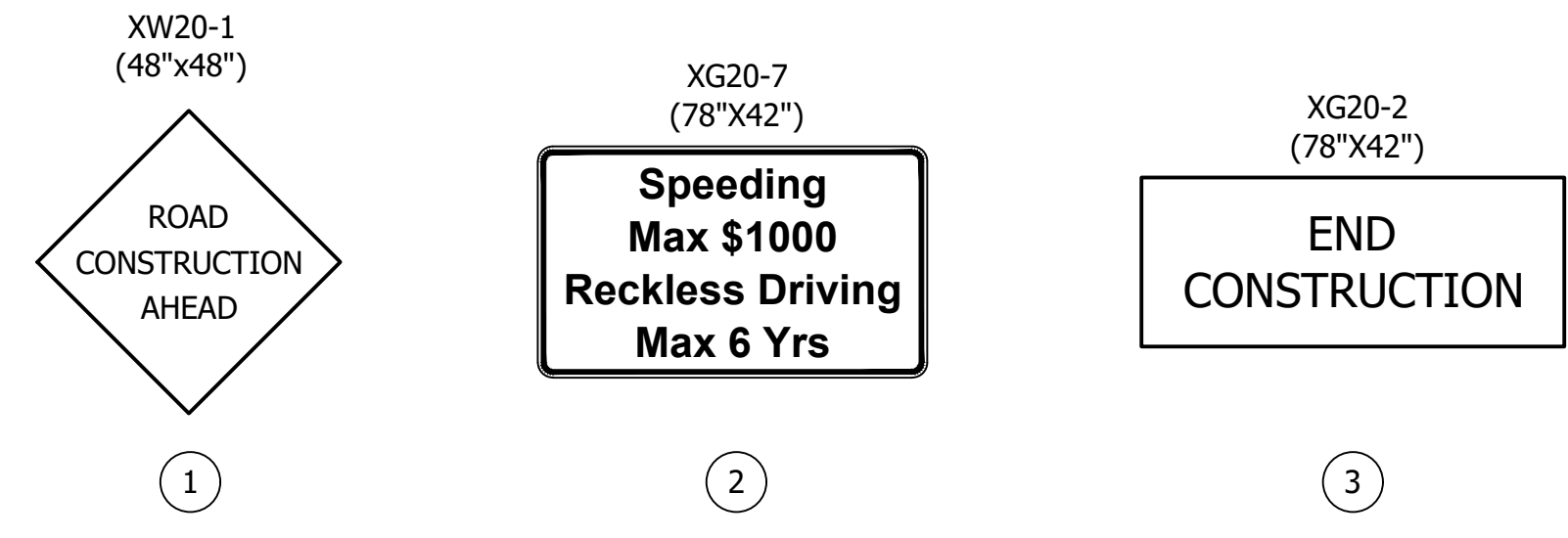
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	8-18-2017	DATE
DESIGNED: DRT	DRAWN: DRT		
CHECKED: MH	CHECKED: MH		

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>MAINTENANCE OF TRAFFIC (MOT)</b>	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1592335
SURVEY BOOK	SHEETS 06 of 54
CONTRACT R-38992	PROJECT 1592335



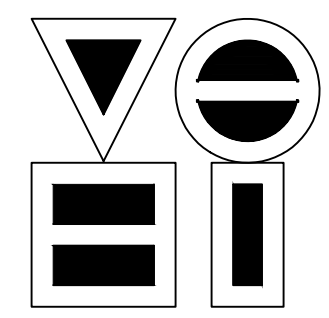
SEE SHEET 06 FOR SIGN SUMMARY QUANTITIES



SIGN LEGEND		
SYMBOL	MESSAGE	NUMBER
①	ROAD CONSTRUCTION AHEAD	XW20-1
②	PENALTY SIGN	XG20-7
③	END CONSTRUCTION	XG20-2

M.O.T. NOTES  
Contractor may temporarily constrict lanes if needed. If lanes are constricted, proper traffic control barriers shall be placed, and flaggers shall be used as needed. Traffic control barriers and flaggers shall be included in the cost of Maintaining Traffic.

DIRECTORY: \\vsengineering.com\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\06 MOT  
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 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:36am



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 4275 North High School Road Indianapolis, Indiana 46254  
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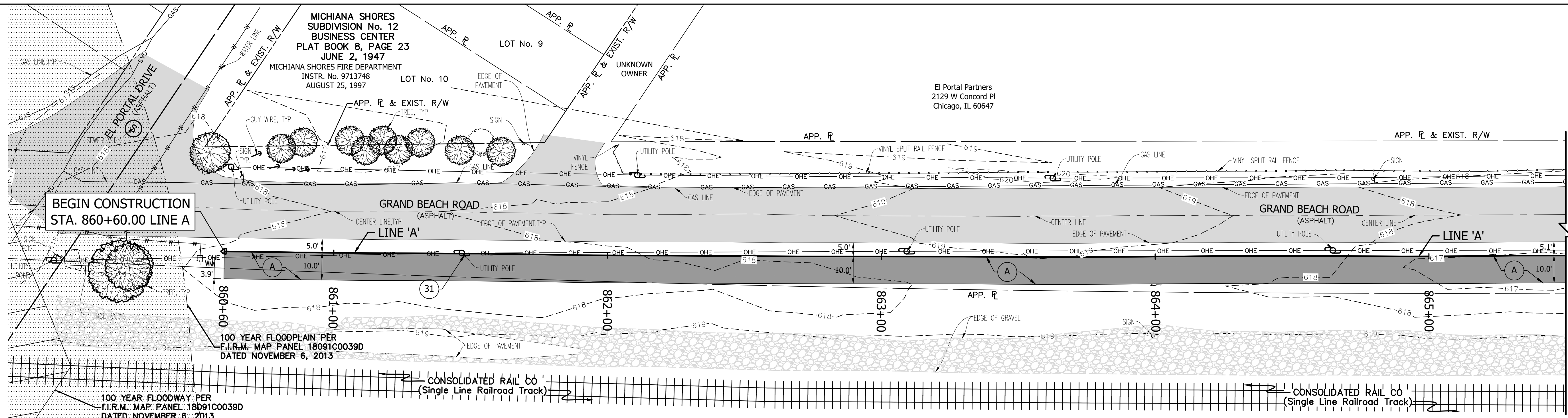
NOT FOR CONSTRUCTION  
 Preliminary Only

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	8-18-2017	DATE
DESIGNED: DRT	DRAWN: DRT		
CHECKED: MH	CHECKED: MH		

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC (MOT)**

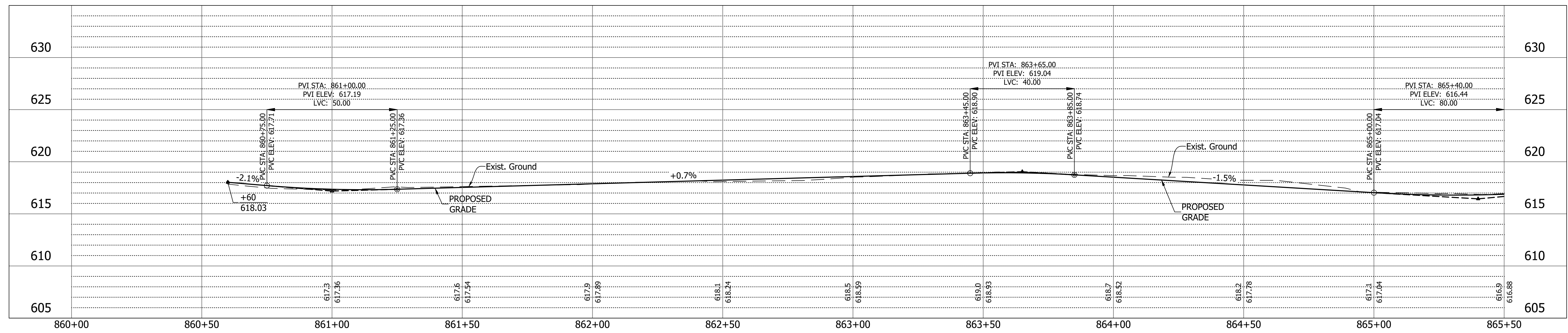
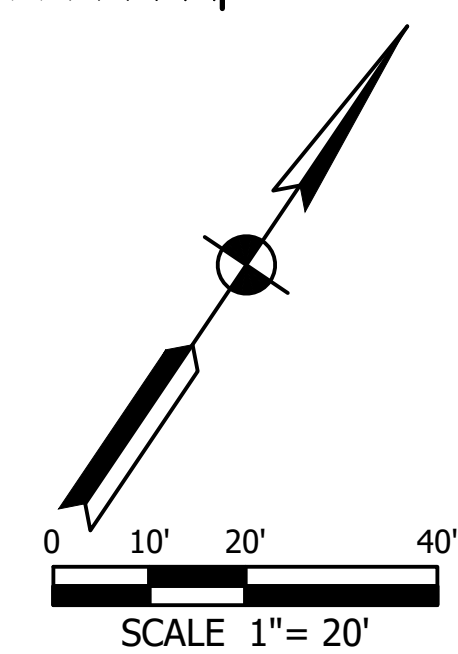
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1592335
SURVEY BOOK	SHEETS 07 of 54
CONTRACT R-38992	PROJECT 1592335



○ LINE A - PATH  
PLAN VIEW

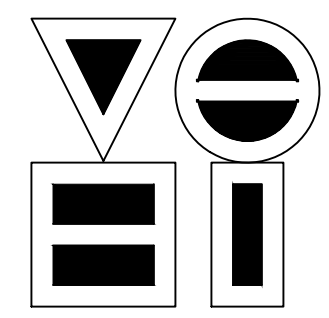
○ LEGEND

- Dr HMA for Approaches (Residential)  
165#/Syd. HMA Surface Type B on  
385#/Syd. HMA Intermediate Type B on  
6" Compacted Aggregate #53
- A 110#/Syd. HMA Type A Surface on  
220#/Syd. HMA Type A Intermediate on  
6" Compacted Aggregate Base #53
- ST Sidewalk / Path Transition
- 26 Sodding, Nursery
- 29 Remove Fence & Set Aside for Owner
- 30 Remove & Relocate Sign
- 31 Relocate Utility Pole (By Others)
- 40 Remove Billboard (By Others)
- 41 Transverse Marking, Painted Solid, White,  
Crosswalk, 6 in.
- 45 Transverse Marking, Painted, Solid, White,  
Stop Line, 24"
- 47 Mulched Seeding, Where Necessary
- 62 Remove Tree
- 69 Remove Pavers
- 72 Curb Ramp Detail



○ LINE A - PATH  
PROFILE VIEW  
HORZ. 1"=20'  
VERT. 1"=5'

DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\02 Plan and Profile\  
 FILE: .....16-3509 LINE A.dwg  
 DIMSCALE: 20 LTSCALE: .....0.5  
 PLOTTED BY: Dtieman  
 DATE: .....Sep 11, 2017 - 8:37am



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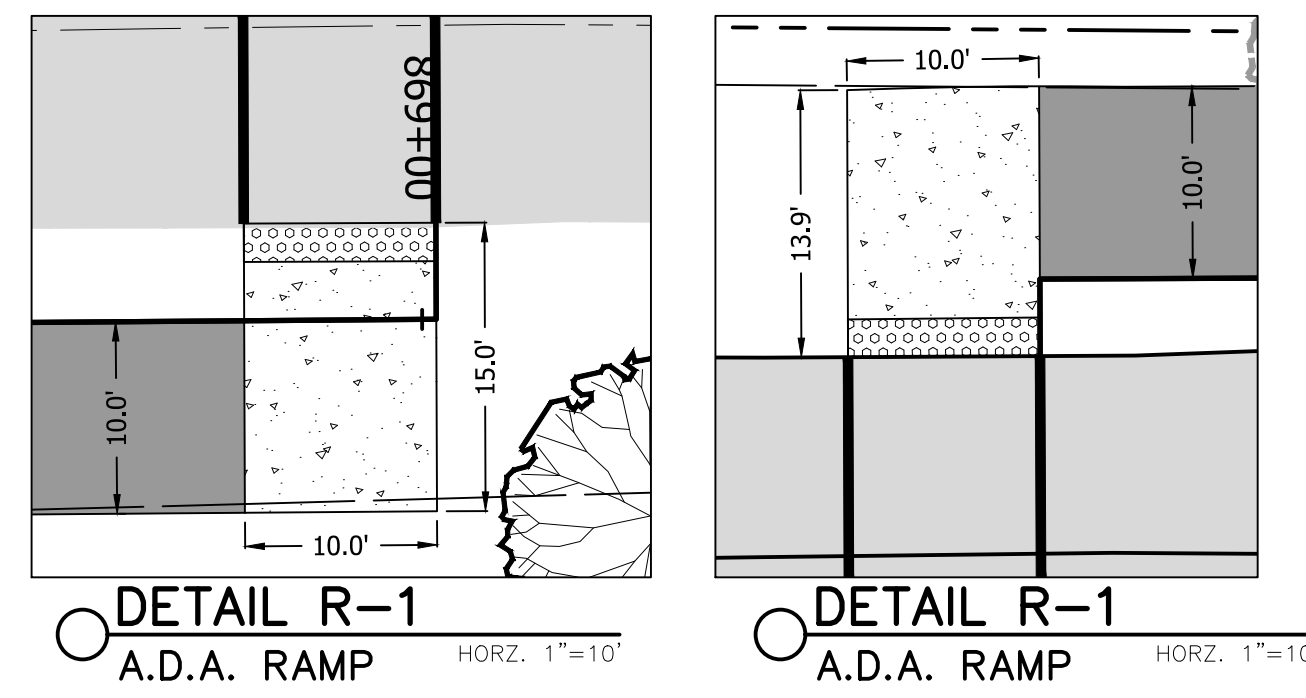
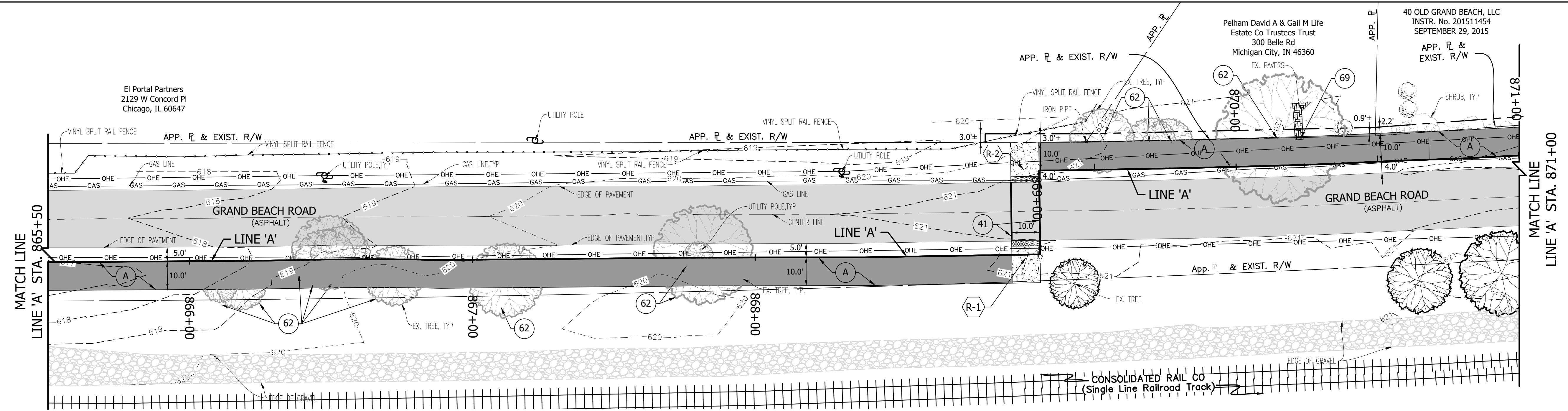
INDIANA  
DEPARTMENT OF TRANSPORTATION

**LINE A - PLAN & PROFILE**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 08 of 54
CONTRACT R-38992	PROJECT 1592335

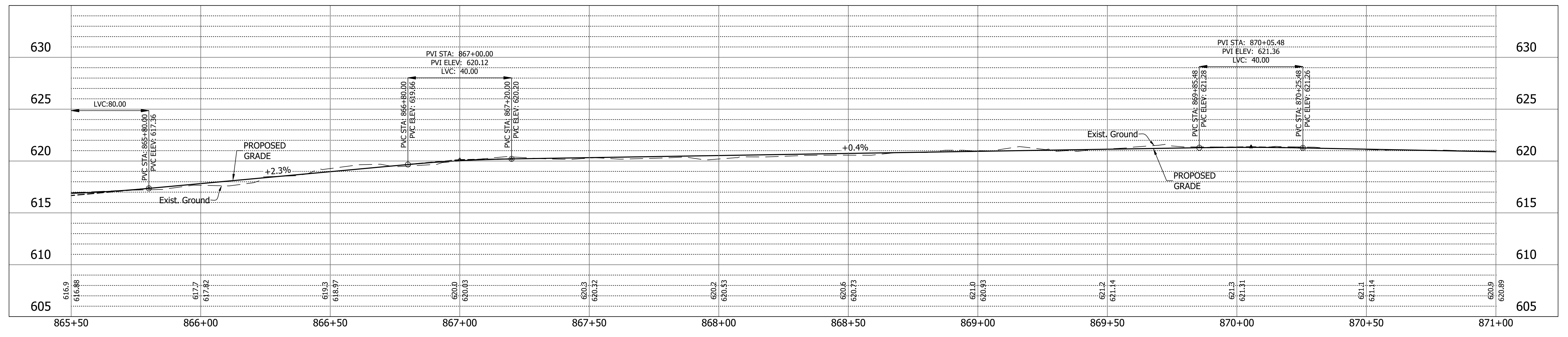
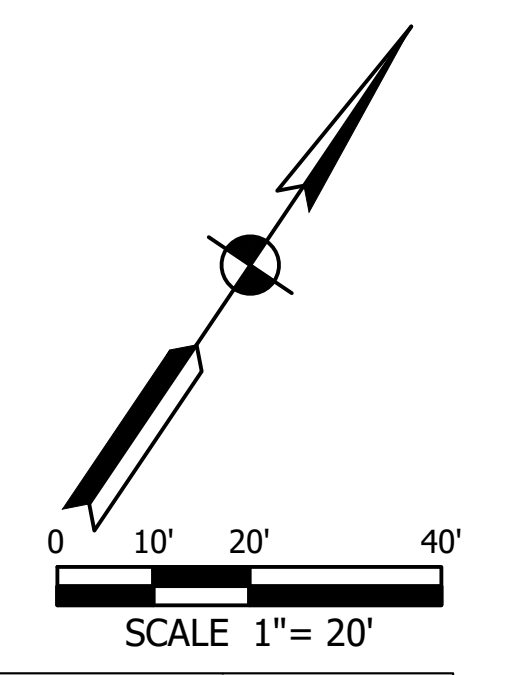


DIRECTORY: \\vsengineering\FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\02 Plan and Profile  
 FILE: 16-3509 LINE A.dwg  
 DIMSCALE: 20 LTSCALE: 0.5  
 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:37am



LINE A - PATH  
PLAN VIEW

- LEGEND**
- (D) HMA for Approaches (Residential) 165#/Syd. HMA Surface Type B on 385#/Syd. HMA Intermediate Type B on 6" Compacted Aggregate #53
  - (A) 110#/Syd. HMA Type A Surface on 220#/Syd. HMA Type A Intermediate on 6" Compacted Aggregate Base #53
  - (ST) Sidewalk / Path Transition
  - (26) Sodding, Nursery
  - (29) Remove Fence & Set Aside for Owner
  - (30) Remove & Relocate Sign
  - (31) Relocate Utility Pole (By Others)
  - (40) Remove Billboard (By Others)
  - (41) Transverse Marking, Painted Solid, White, Crosswalk, 6 in.
  - (45) Transverse Marking, Painted, Solid, White, Stop Line, 24"
  - (47) Mulched Seeding, Where Necessary
  - (62) Remove Tree
  - (69) Remove Pavers
  - (R-1) Curb Ramp Detail



LINE A - PATH  
PROFILE VIEW



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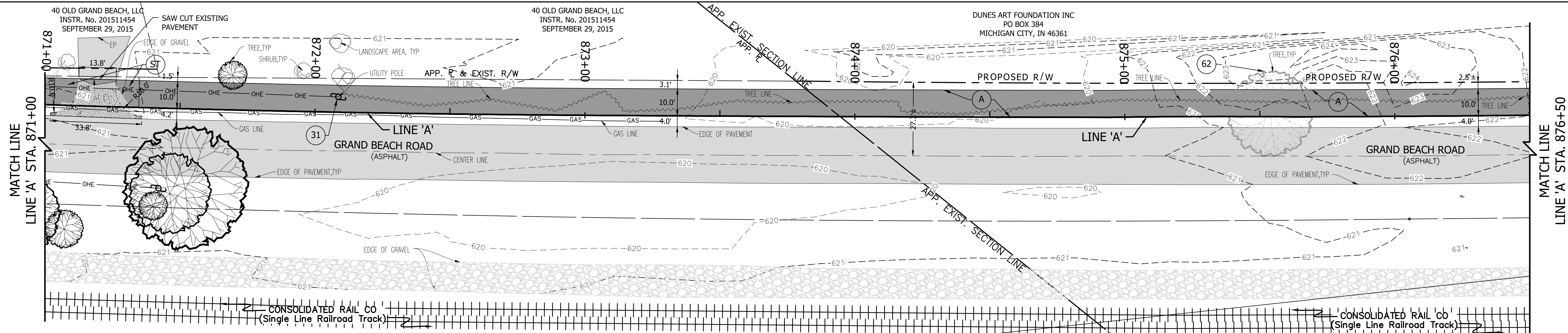
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	DRT	8-18-2017
DESIGNED: DRT	DRAWN: DRT	
CHECKED: MH	CHECKED: MH	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**LINE A - PLAN & PROFILE**

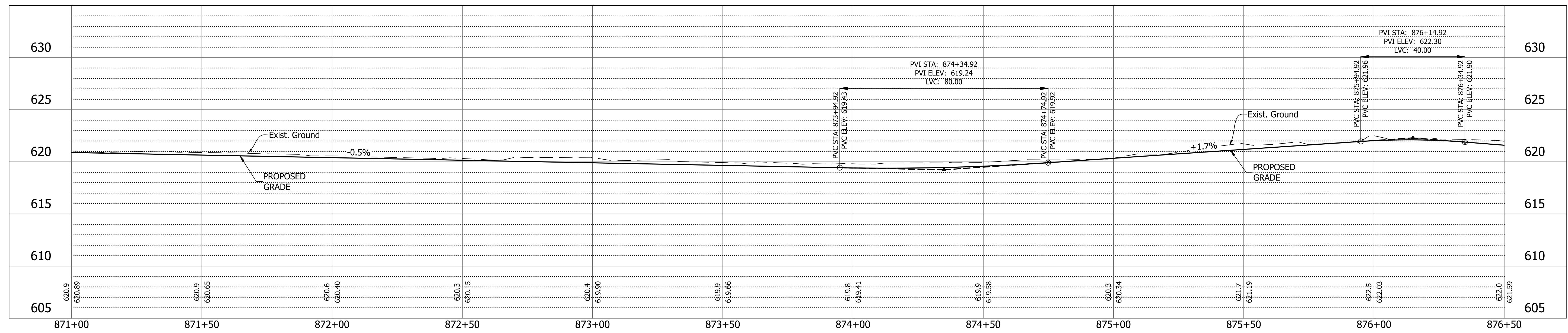
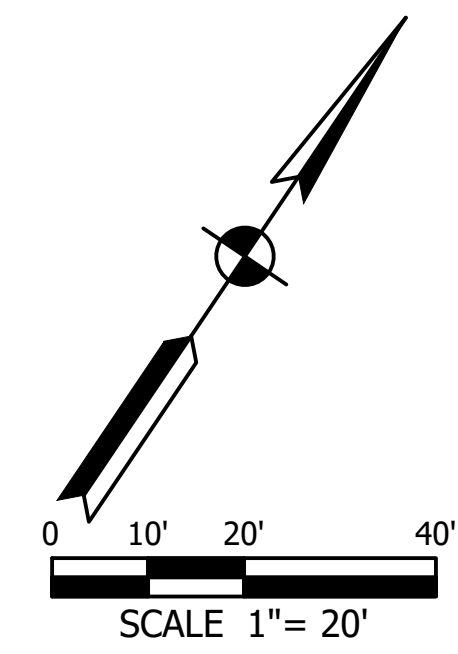
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 09 of 54
CONTRACT R-38992	PROJECT 1592335



LINE A - PATH  
PLAN VIEW

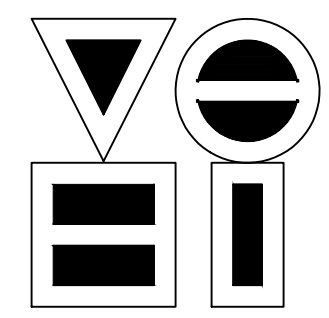
LEGEND

- (Dr) HMA for Approaches (Residential) 165#/Syd. HMA Surface Type B on 385#/Syd. HMA Intermediate Type B on 6" Compacted Aggregate #53
- (A) 110#/Syd. HMA Type A Surface on 220#/Syd. HMA Type A Intermediate on 6" Compacted Aggregate Base #53
- (ST) Sidewalk / Path Transition
- (26) Sodding, Nursery
- (29) Remove Fence & Set Aside for Owner
- (30) Remove & Relocate Sign
- (31) Relocate Utility Pole (By Others)
- (40) Remove Billboard (By Others)
- (41) Transverse Marking, Painted Solid, White, Crosswalk, 6 in.
- (45) Transverse Marking, Painted, Solid, White, Stop Line, 24"
- (47) Mulched Seeding, Where Necessary
- (62) Remove Tree
- (69) Remove Pavers
- (R) Curb Ramp Detail



LINE A - PATH  
PROFILE VIEW  
HORZ. 1" = 20'  
VERT. 1" = 5'

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 FILE: 16-3509 LINE A.dwg  
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 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:38am



**VS ENGINEERING, INC.**  
 4275 North High School Road Indianapolis, Indiana 46254  
 vse@vsengineering.com www.vsengineering.com  
 Phone: (317) 293-3542 Fax: (317) 293-4737

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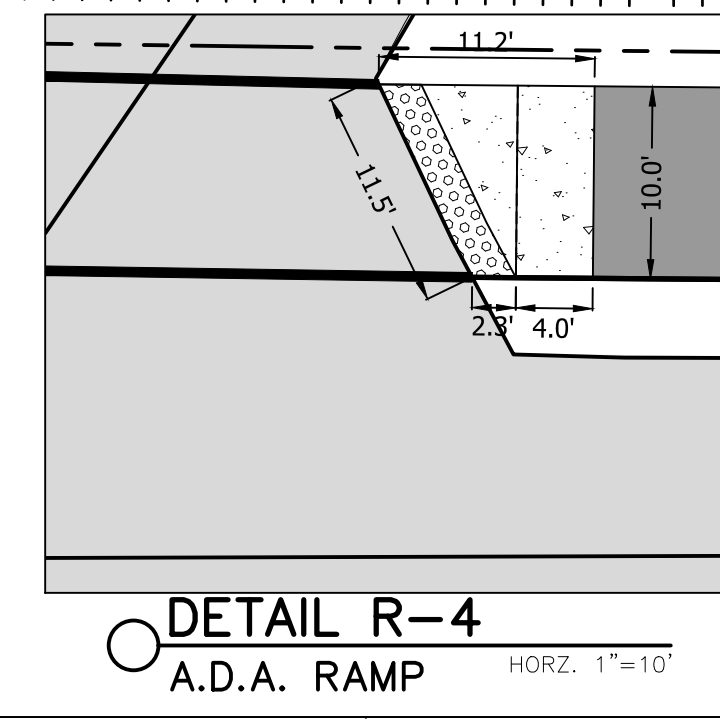
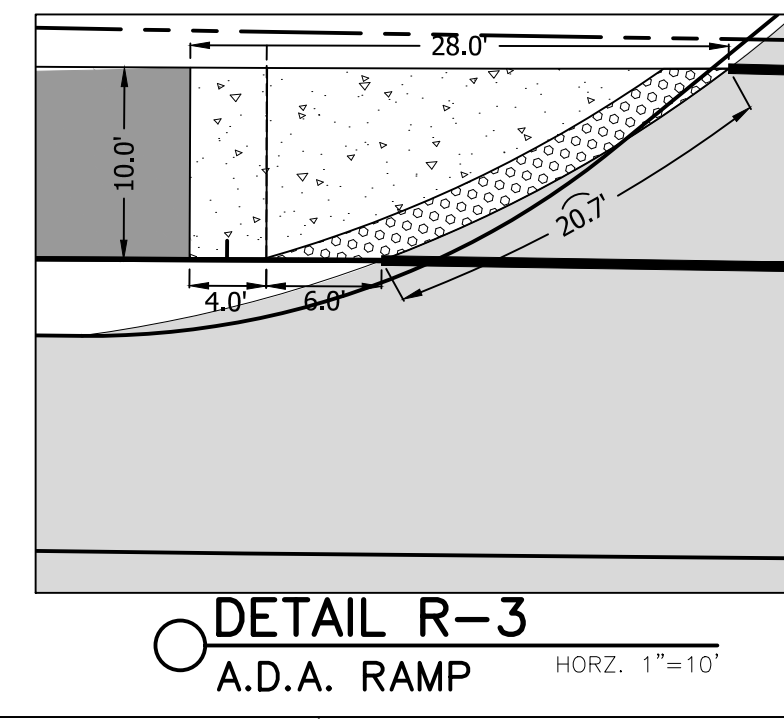
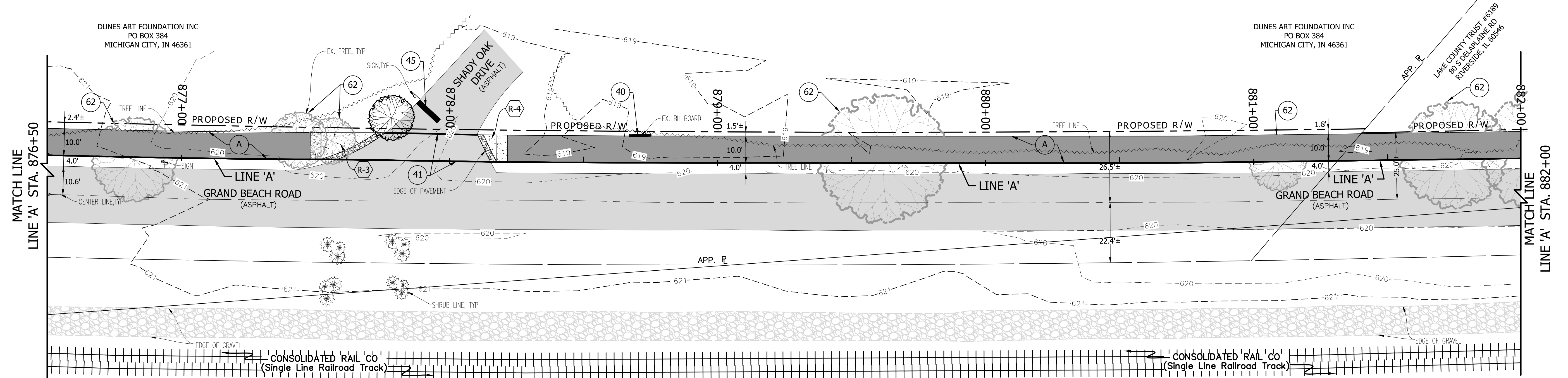
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CHECKED: MH	CHECKED: MH		

INDIANA  
DEPARTMENT OF TRANSPORTATION

**LINE A - PLAN & PROFILE**

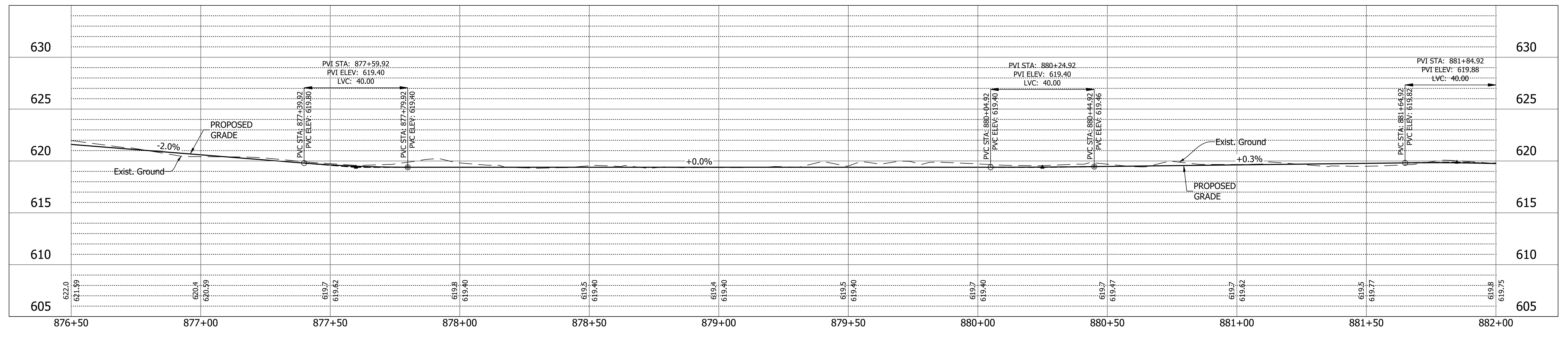
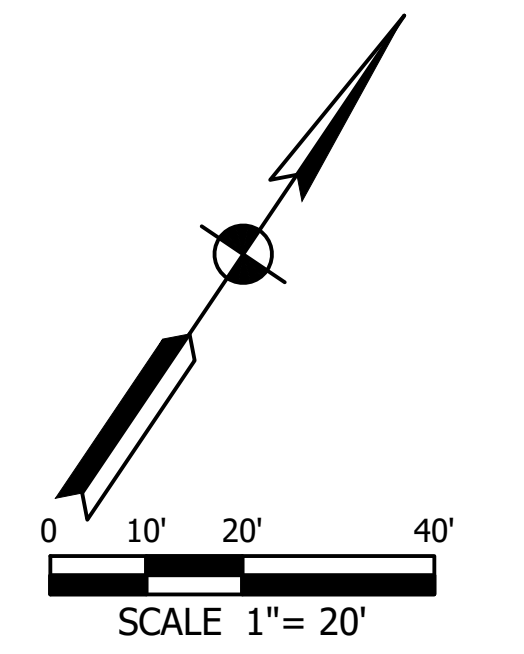
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SURVEY BOOK	SHEETS 10 of 54
CONTRACT R-38992	PROJECT 1592335

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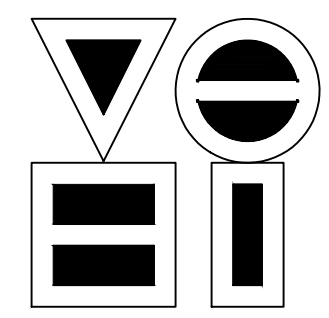


LINE A - PATH  
PLAN VIEW

- LEGEND**
- (Dr) HMA for Approaches (Residential)  
165#/Syd. HMA Surface Type B on  
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LINE A - PATH  
PROFILE VIEW



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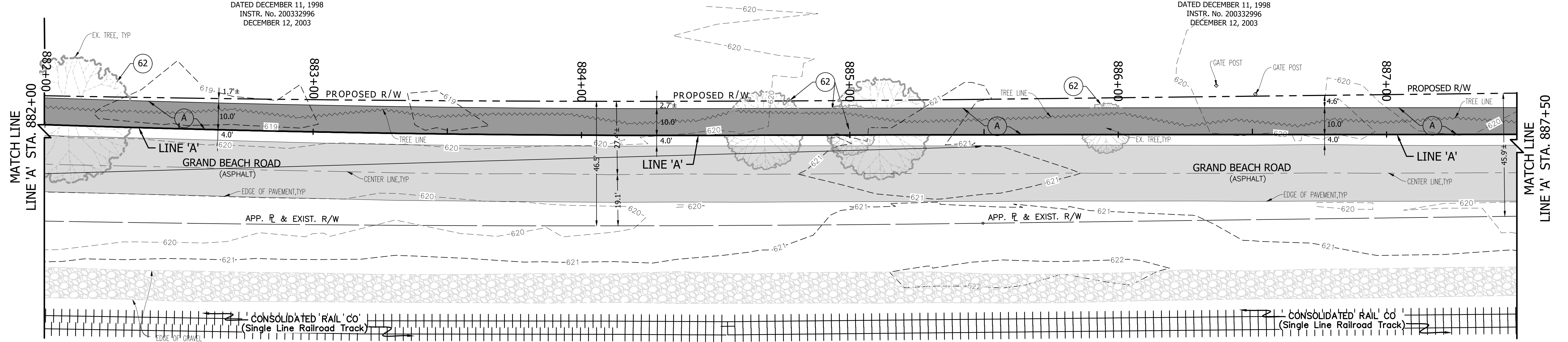
INDIANA  
DEPARTMENT OF TRANSPORTATION

**LINE A - PLAN & PROFILE**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 11 of 54
CONTRACT R-38992	PROJECT 1592335

LAKE COUNTY TRUST COMPANY  
TRUST No. 6189  
DATED DECEMBER 11, 1998  
INSTR. No. 200332996  
DECEMBER 12, 2003

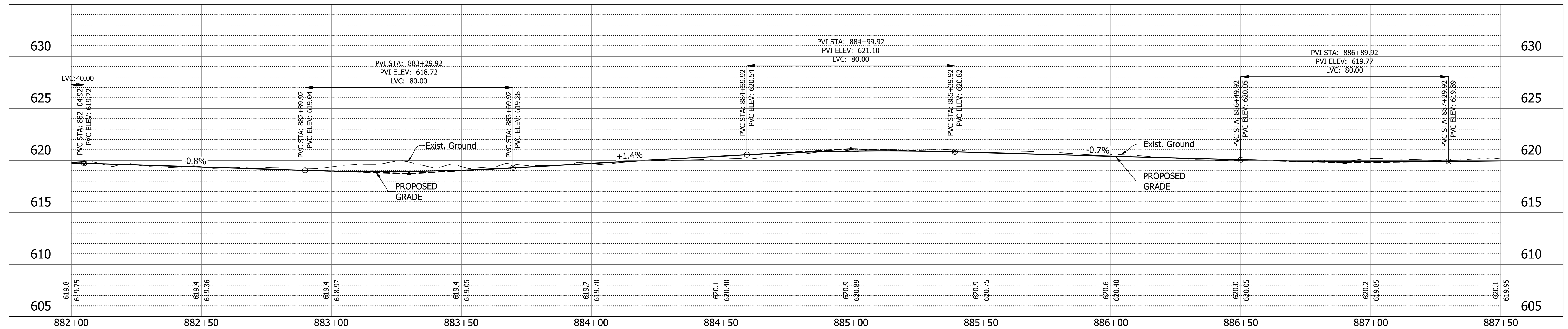
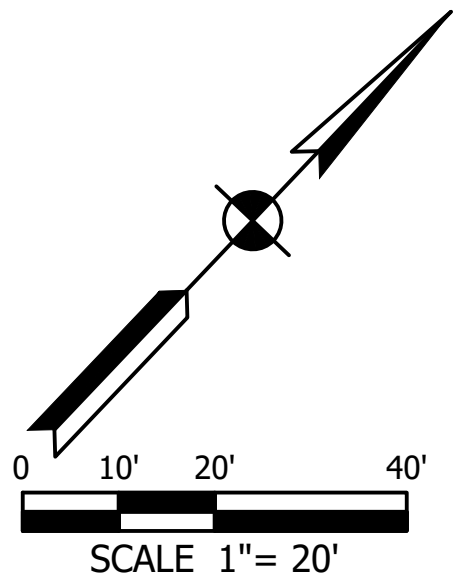
LAKE COUNTY TRUST COMPANY  
TRUST No. 6189  
DATED DECEMBER 11, 1998  
INSTR. No. 200332996  
DECEMBER 12, 2003



LINE A - PATH  
PLAN VIEW

LEGEND

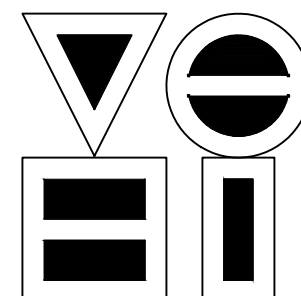
- (Dr) HMA for Approaches (Residential)  
165#/Syd. HMA Surface Type B on  
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- (69) Remove Pavers
- (R) Curb Ramp Detail



LINE A - PATH  
PROFILE VIEW

HORZ. 1"=20'  
VERT. 1"=5'

DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\02 Plan and Profile\  
 FILE: 16-3509 LINE A.dwg  
 DIMSCALE: 20 LTSCALE: 0.5  
 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:38am



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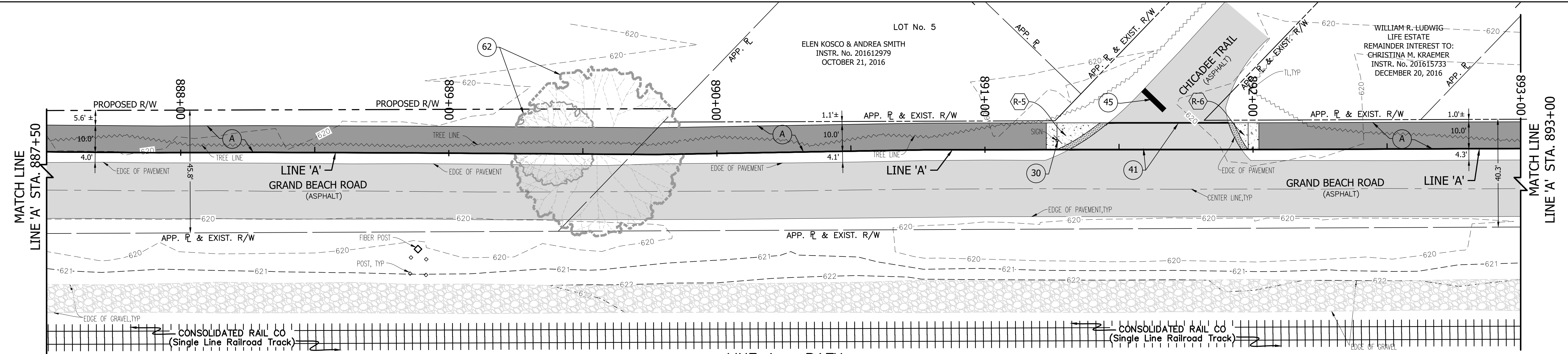
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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DESIGNED: DRT	DRAWN: DRT	
CHECKED: MH	CHECKED: MH	

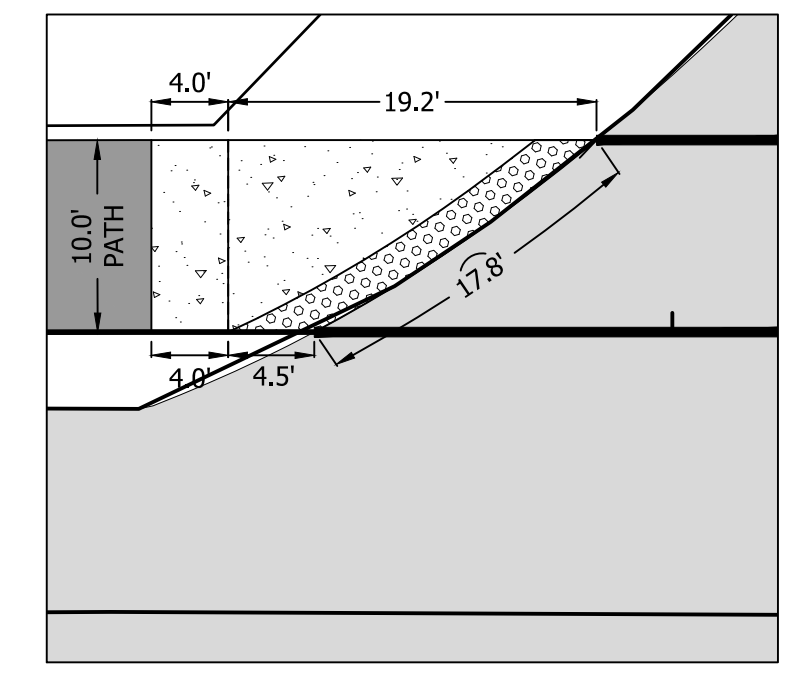
INDIANA DEPARTMENT OF TRANSPORTATION	
<b>LINE A - PLAN &amp; PROFILE</b>	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 12 of 54
CONTRACT R-38992	PROJECT 1592335

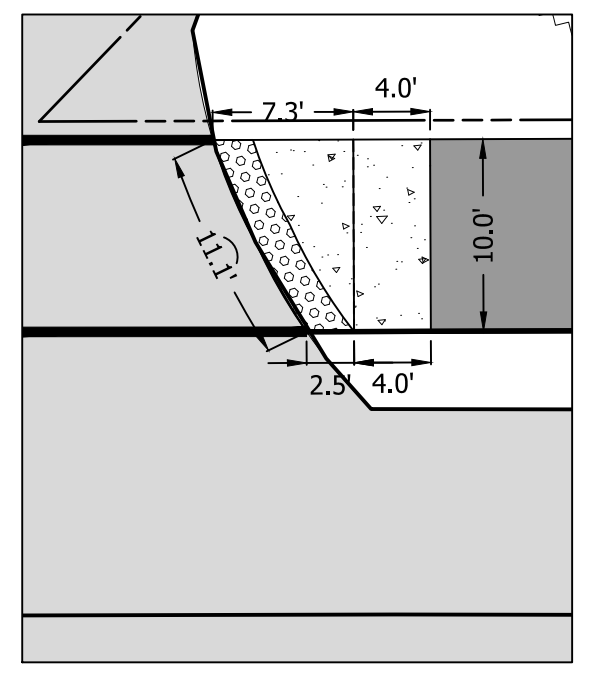
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 DATE: Sep 11, 2017 - 8:39am



○ LINE A - PATH  
PLAN VIEW



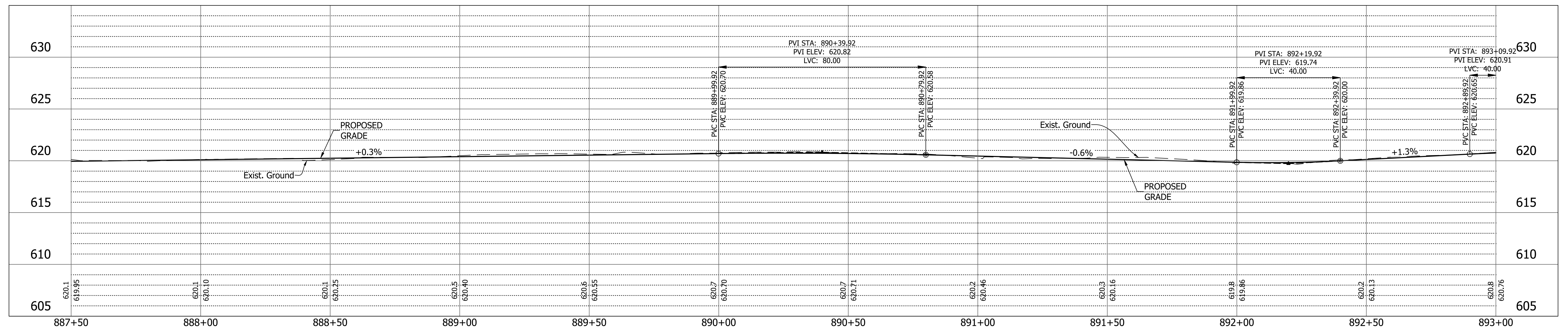
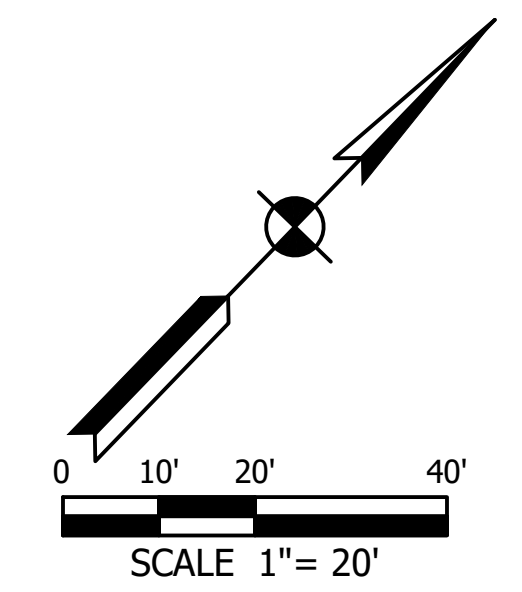
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A.D.A. RAMP  
HORZ. 1"=10'



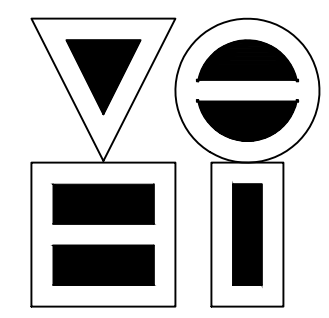
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A.D.A. RAMP  
HORZ. 1"=10'

○ LEGEND

- (Dr) HMA for Approaches (Residential)  
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- (69) Remove Pavers
- (R-5) Curb Ramp Detail



○ LINE A - PATH  
PROFILE VIEW  
HORZ. 1"=20'  
VERT. 1"=5'



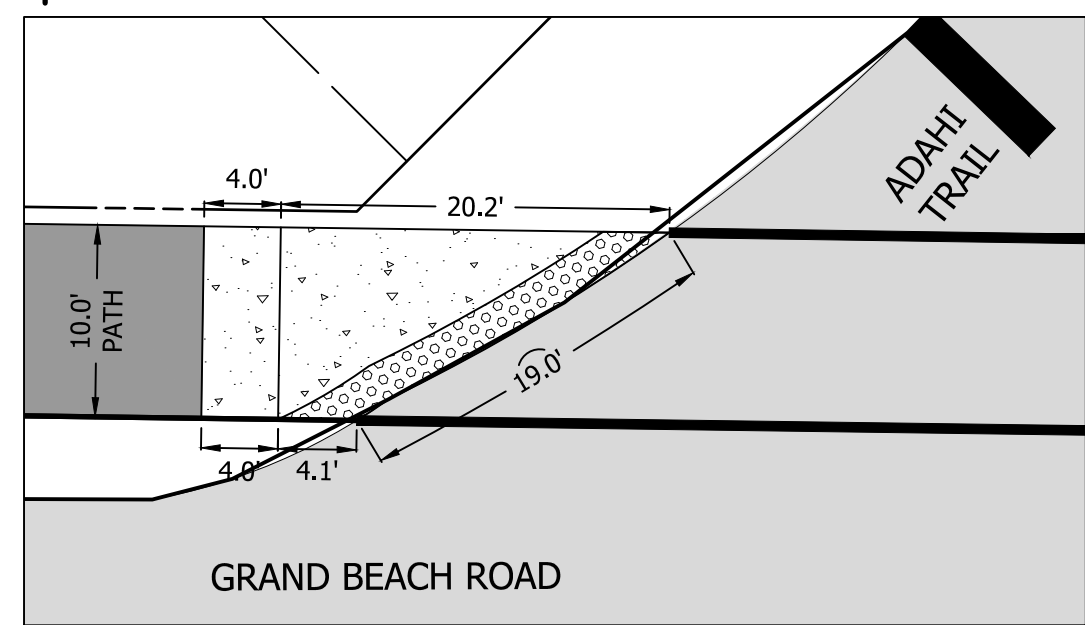
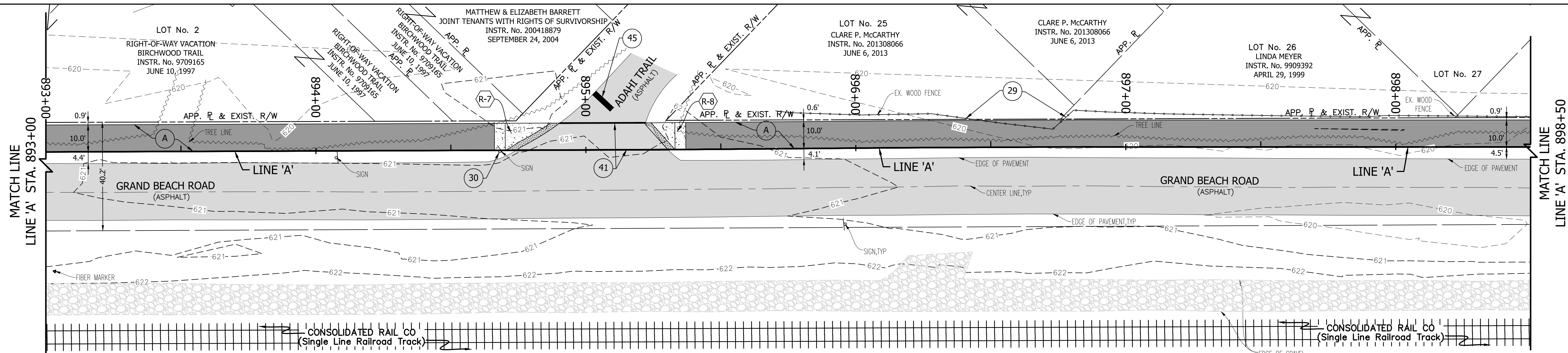
**VS ENGINEERING, INC.**  
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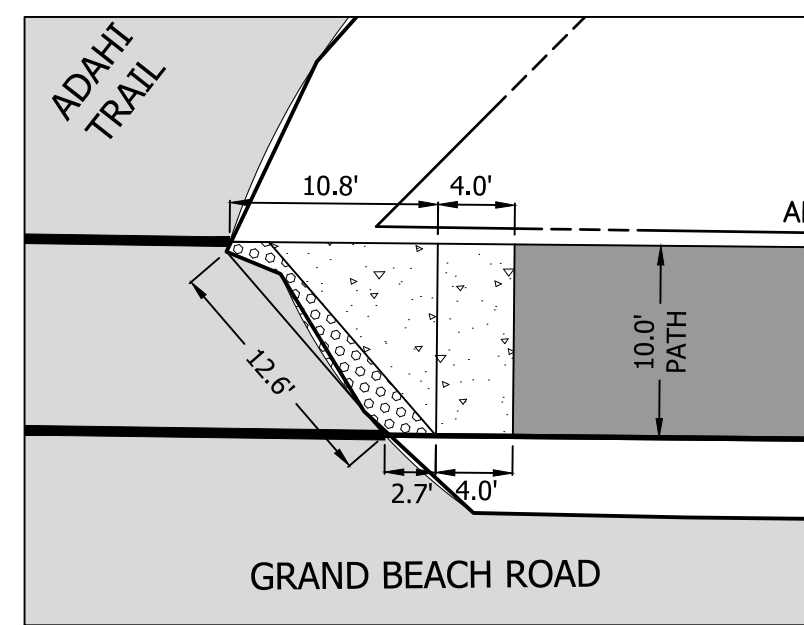
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DRT	8-18-2017
DESIGNED: DRT	DRAWN: DRT	
CHECKED: MH	CHECKED: MH	

**INDIANA**  
 DEPARTMENT OF TRANSPORTATION  
  
**LINE A - PLAN & PROFILE**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 13 of 54
CONTRACT R-38992	PROJECT 1592335



○ **DETAIL R-7**  
A.D.A. RAMP    HORZ. 1"=10'

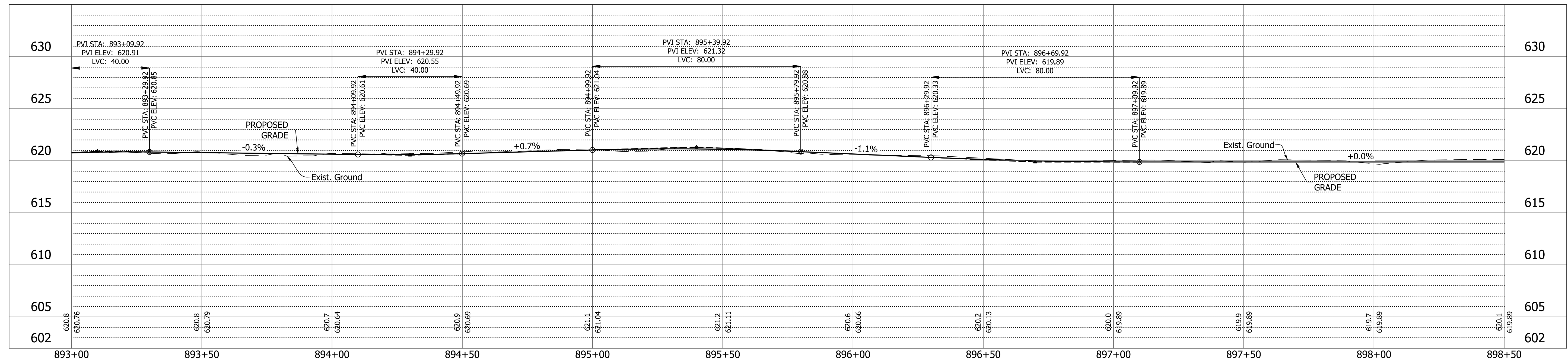
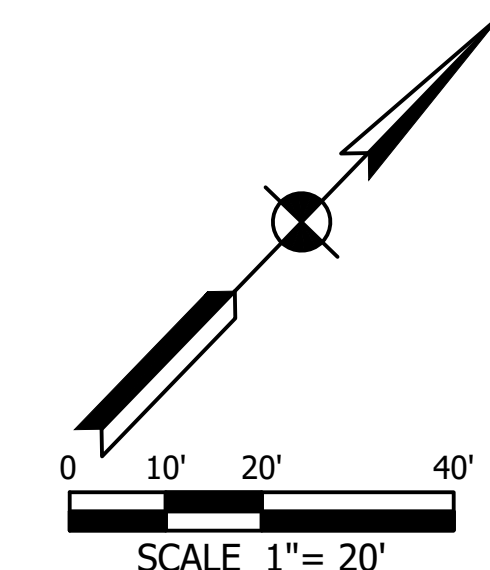


○ **DETAIL R-8**  
A.D.A. RAMP    HORZ. 1"=10'

○ **LINE A - PATH**  
PLAN VIEW

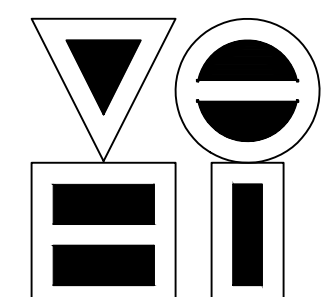
○ **LEGEND**

- (Dr) HMA for Approaches (Residential)  
165#/Syd. HMA Surface Type B on  
385#/Syd. HMA Intermediate Type B on  
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○ **LINE A - PATH**  
PROFILE VIEW    HORZ. 1"=20'  
VERT. 1"=5'

DIRECTORY: \\vsengineering-fw2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\02 Plan and Profile\  
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 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:39am



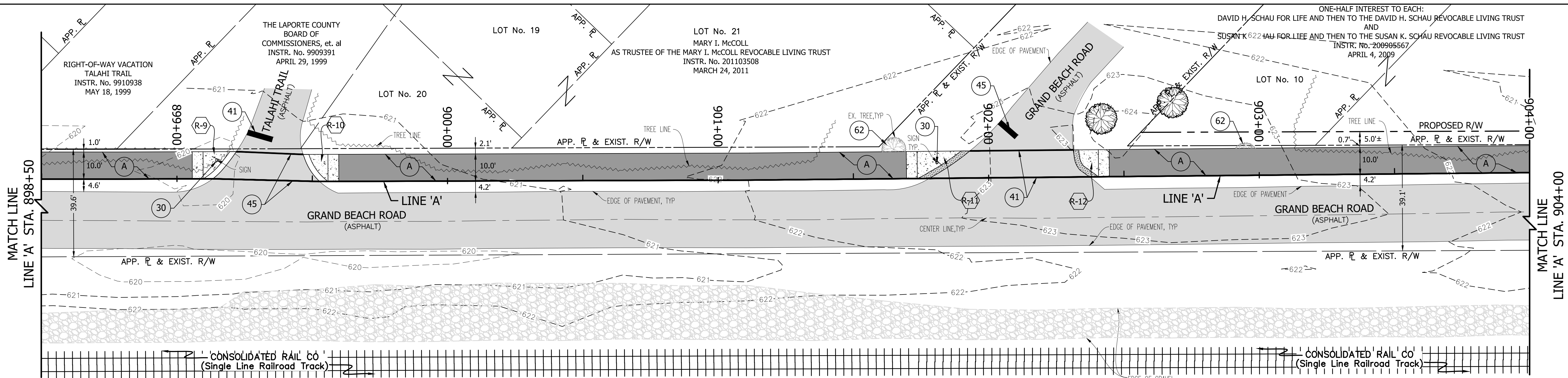
**VS ENGINEERING, INC.**  
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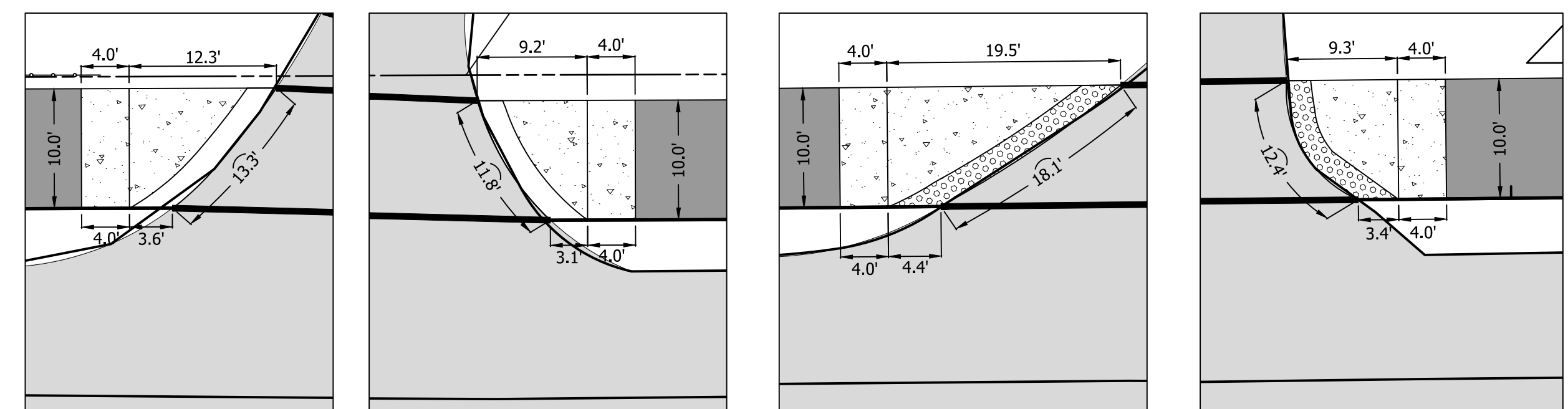
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	8-18-2017	DATE
DESIGNED: DRT	DRAWN: DRT		
CHECKED: MH	CHECKED: MH		

**INDIANA**  
 DEPARTMENT OF TRANSPORTATION  
  
**LINE A - PLAN & PROFILE**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 14 of 54
CONTRACT R-38992	PROJECT 1592335



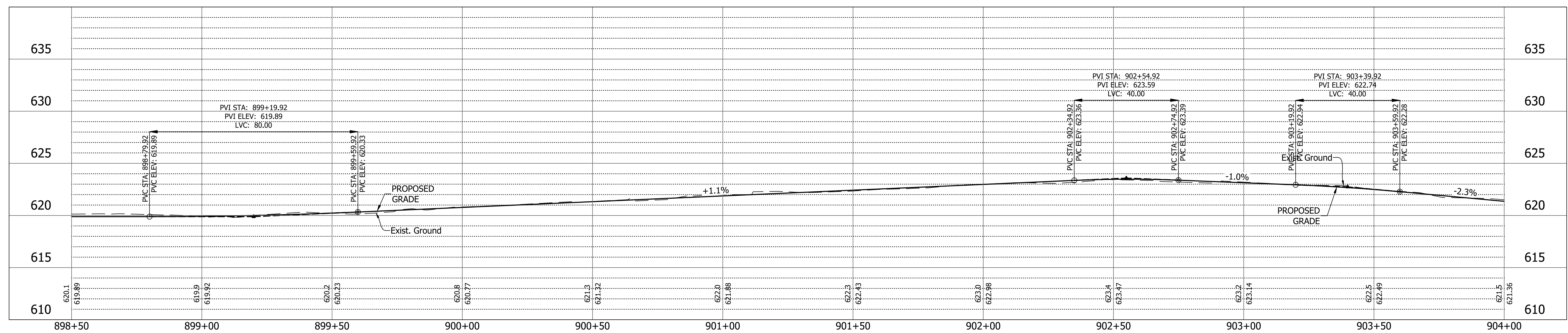
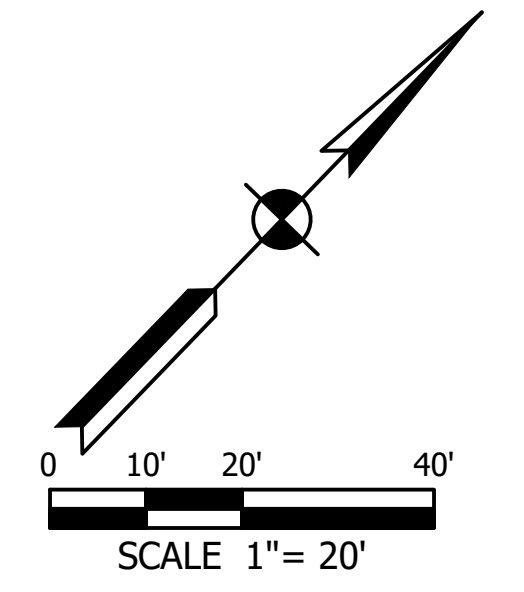
LINE A - PATH  
PLAN VIEW



DETAIL R-9 A.D.A. RAMP  
DETAIL R-10 A.D.A. RAMP  
DETAIL R-11 A.D.A. RAMP  
DETAIL R-12 A.D.A. RAMP

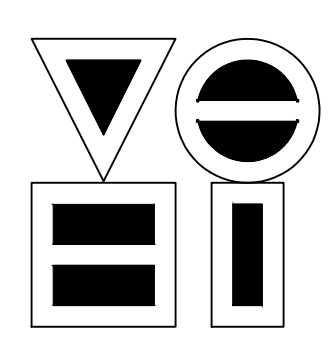
LEGEND

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LINE A - PATH  
PROFILE VIEW

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 DATE: .....Sep 11, 2017 - 8:40am



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 Phone: (317) 293-3542 Fax: (317) 293-4737

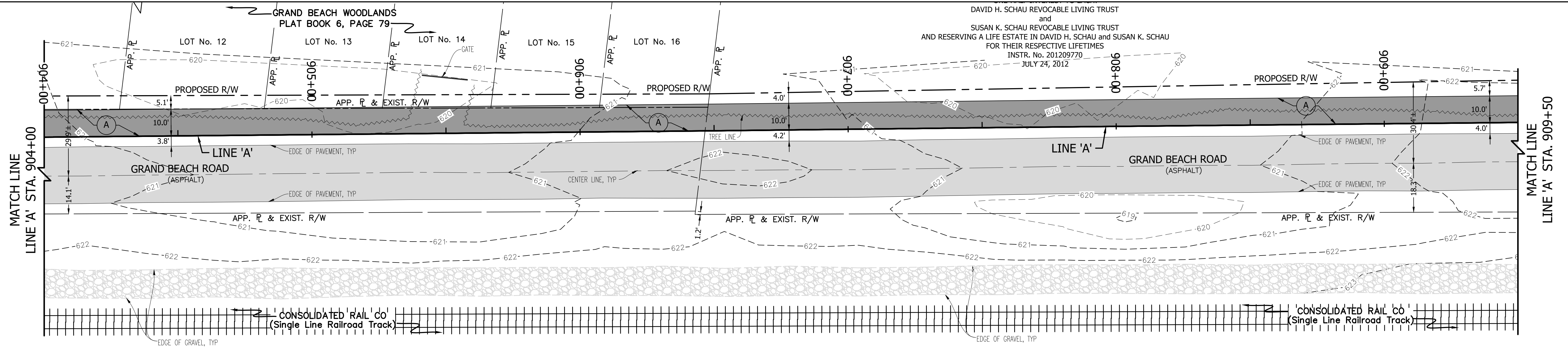
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		8-18-2017
DESIGNED: DRT	DRAWN: DRT	
CHECKED: MH	CHECKED: MH	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**LINE A - PLAN & PROFILE**

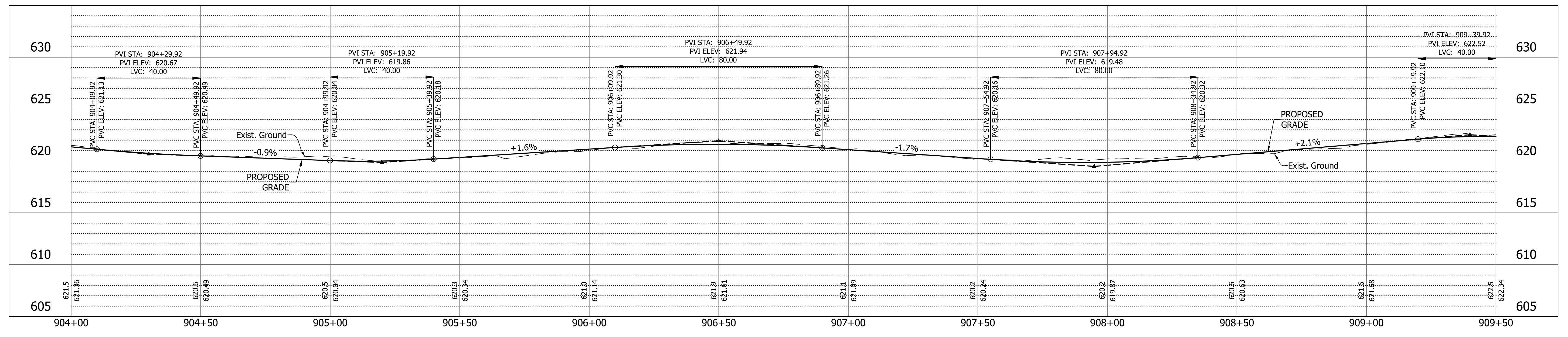
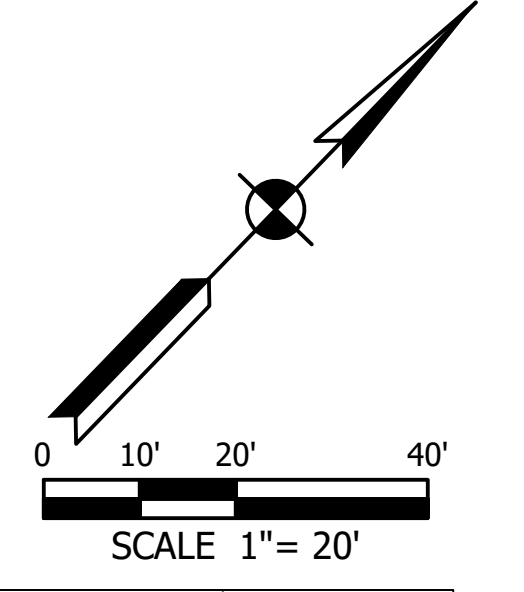
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VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 15 of 54
CONTRACT R-38992	PROJECT 1592335



**LINE A - PATH**  
PLAN VIEW

**LEGEND**

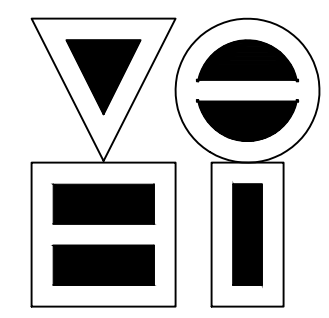
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**LINE A - PATH**  
PROFILE VIEW

HORZ. 1" = 20'  
VERT. 1" = 5'

DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\02 Plan and Profile\  
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 DATE: Sep 11, 2017 - 8:41am



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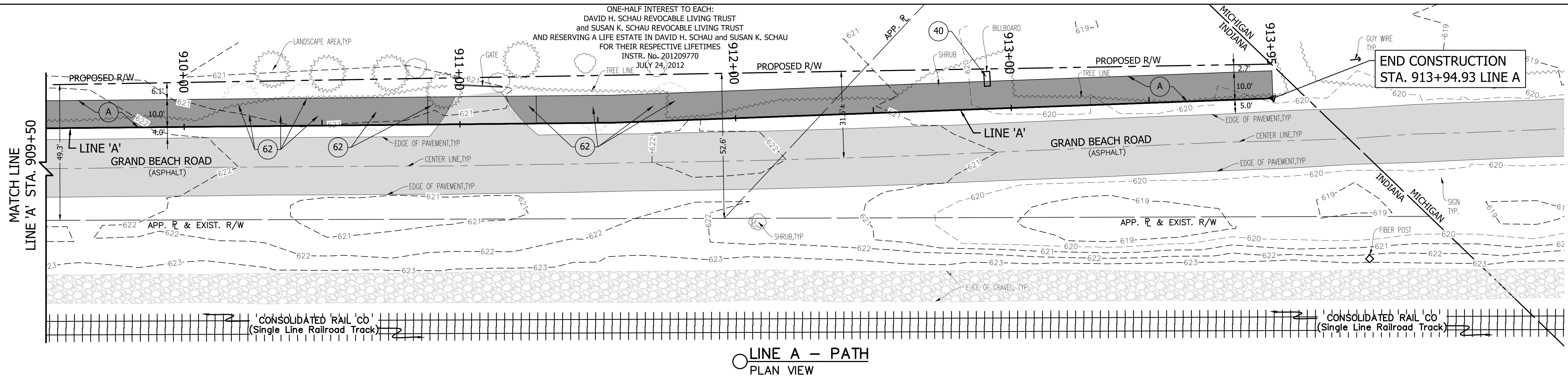
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CHECKED:	MH	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**LINE A - PLAN & PROFILE**

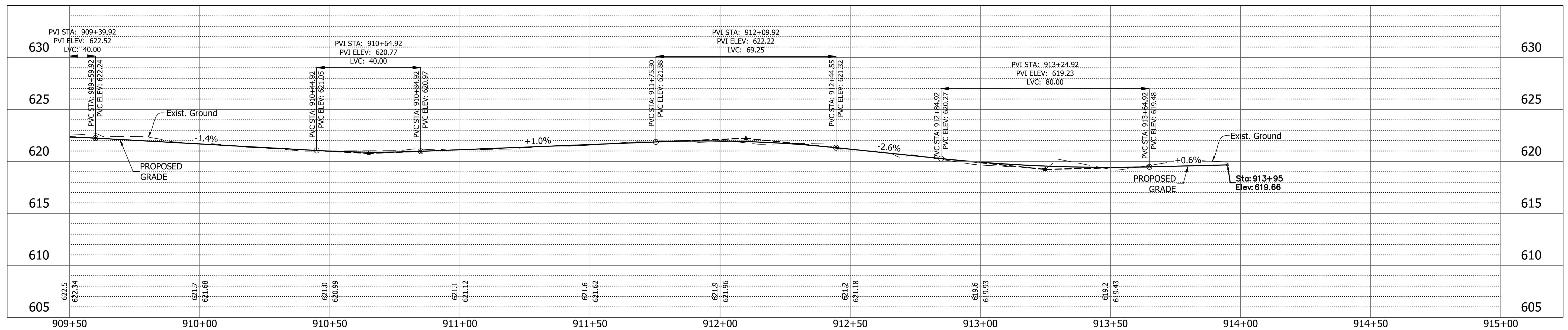
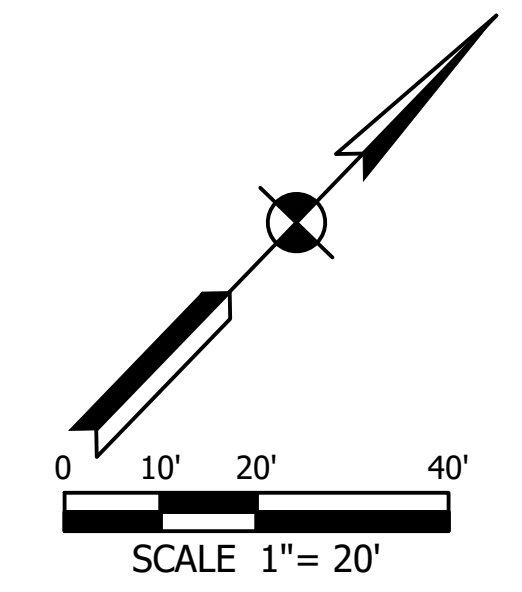
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SURVEY BOOK	SHEETS 16 of 54
CONTRACT R-38992	PROJECT 1592335



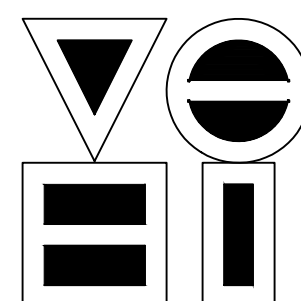


**LEGEND**

- (Dr) HMA for Approaches (Residential)  
165#/Syd. HMA Surface Type B on  
385#/Syd. HMA Intermediate Type B on  
6" Compacted Aggregate #53
- (A) 110#/Syd. HMA Type A Surface on  
220#/Syd. HMA Type A Intermediate on  
6" Compacted Aggregate Base #53
- (ST) Sidewalk / Path Transition
- (26) Sodding, Nursery
- (29) Remove Fence & Set Aside for Owner
- (30) Remove & Relocate Sign
- (31) Relocate Utility Pole (By Others)
- (40) Remove Billboard (By Others)
- (41) Transverse Marking, Painted Solid, White,  
Crosswalk, 6 in.
- (45) Transverse Marking, Painted, Solid, White,  
Stop Line, 24"
- (47) Mulched Seeding, Where Necessary
- (62) Remove Tree
- (69) Remove Pavers
- (R) Curb Ramp Detail



DIRECTORY: \\VSENGSRV2-FW2\Projects\2016\16-3509 Marquette Trail\10 Design\Drawings\02 Plan and Profile\  
 FILE: 16-3509 LINE A.dwg  
 DIMSCALE: 20 LTSCALE: 0.5  
 PLOTTED BY: Dtieman  
 DATE: Sep 11, 2017 - 8:41am



**VS ENGINEERING, INC.**

4275 North High School Road Indianapolis, Indiana 46254  
 vse@vsengineering.com www.vsengineering.com  
 Phone: (317) 293-3542 Fax: (317) 293-4737

**NOT FOR CONSTRUCTION**  
 Preliminary Only

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DRT	8-18-2017
DESIGNED:	DRT	
CHECKED:	MH	

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>LINE A - PLAN &amp; PROFILE</b>	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1592335
SURVEY BOOK	SHEETS 17 of 54
CONTRACT R-38992	PROJECT 1592335