

Appendix E:

Historic Property Report & Archaeology Report Summaries

SR 46 Pavement Replacement Project
Greensburg, Decatur County, Indiana
INDOT Des. Nos.: 1800255 and 1800256
Indiana DHPA No.: 25043



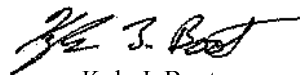
2/17/2021

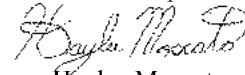
Historic Property Report

Prepared for:

The Federal Highway Administration
and Seymour District, Indiana
Department of Transportation

Prepared by:


Kyle J. Boot
KBoot@RQAW.com


Haylee Moscato
HMoscato@RQAW.com



8770 North Street, Suite 110
Fishers, IN 46038
Phone: (317) 588-1762
www.rqaw.com

VII. CONCLUSIONS

The APE contains one property listed in the NRHP:

- Greensburg Downtown Historic District (NR-1261 / IHSSI # 031-252-21001 - 21082); and

one property listed in the State Register and recommended eligible for listing in the NRHP:

- Charles Zoller House (NR-0308 / IHSSI # 031-252-24091).

As a result of identification and evaluation efforts for this project, one property was previously determined eligible for listing in the NRHP and continues to be recommended for listing in the NRHP:

- Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 - 068).

A PHASE IA ARCHAEOLOGICAL RECONNAISSANCE
FOR A PAVEMENT REHABILITATION PROJECT
ON SR 46, FROM E JCT OF SR 3 TO W JCT OF US 421,
IN THE CITY OF GREENSBURG, DECATUR COUNTY,
INDIANA (INDOT DES. NOS. 1800255 AND 1800256)



by
Aaron L. Harth

Prepared for

RQAW Corporation

Prepared by



Kentucky | West Virginia | Wyoming
Indiana | Louisiana | Tennessee | Virginia

VI. CONCLUSIONS AND RECOMMENDATIONS

Between May 11 and 13, 2020, CRA personnel conducted a phase Ia archaeological reconnaissance for a pavement rehabilitation project on SR 46 in Greensburg, Decatur County, Indiana (INDOT Des. Nos. 1800255 and 1800256). The survey was conducted at the request of RQAW Corporation. The proposed pavement rehabilitation will be conducted along two discontinuous segments of SR 46 that have a total length of approximately 4.3 km. The survey area for these two segments encompasses a total of approximately 8.5 ha of new, temporary, and existing ROW, and was investigated in its entirety. Survey methods consisted of systematic screened shovel testing and visual inspection of obviously disturbed areas.

Prior to conducting this survey, an archaeological records review was completed using the Indiana DHPA's SHAARD records. The records review revealed that no previously recorded archaeological sites have been documented within the survey boundaries. The records search also showed that approximately 0.52 ha of the survey area had previously been investigated by three surveys. The previously surveyed areas were not reinvestigated during the current survey.

The current reconnaissance resulted in the documentation of three previously unrecorded archaeological sites (Sites 12De1011–12De1013). These three sites are historic artifact scatters that range from the mid-nineteenth through the twentieth centuries. Overall, these sites exhibited poor archaeological integrity and are recommended not eligible for inclusion in the NRHP. Thus, no further work is recommended for the sites, and archaeological clearance is recommended for the proposed project.

Note that a principal investigator or field archaeologist cannot grant or withhold clearance to a project. Although the decision to grant or withhold clearance is reached, at least in part, on the recommendations made by the

field investigator, clearance may be obtained only through an administrative decision made by a lead federal agency in consultation with INDOT and the State Historic Preservation Officer (Indiana DHPA).

If any previously unrecorded archaeological materials are encountered during construction activities, the DHPA should be notified immediately at (317) 232-1646, as well as the INDOT Cultural Resources Office (CRO) at (317) 233-6795. If human remains are discovered, construction activities should cease immediately, and the DHPA, the INDOT CRO, the local coroner, and the local law enforcement agency must be notified.

Appendix F:

Preliminary Plans

PROJECT	DESIGNATION
1800256	1800255
CONTRACT	BRIDGE FILE
R-41463	.

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

ROUTE: SR 46 FROM: RP 117+00 TO: RP 118+70
 PROJECT NO. 1800256 P.E.
 1800256 R/W
 1800256 CONST.

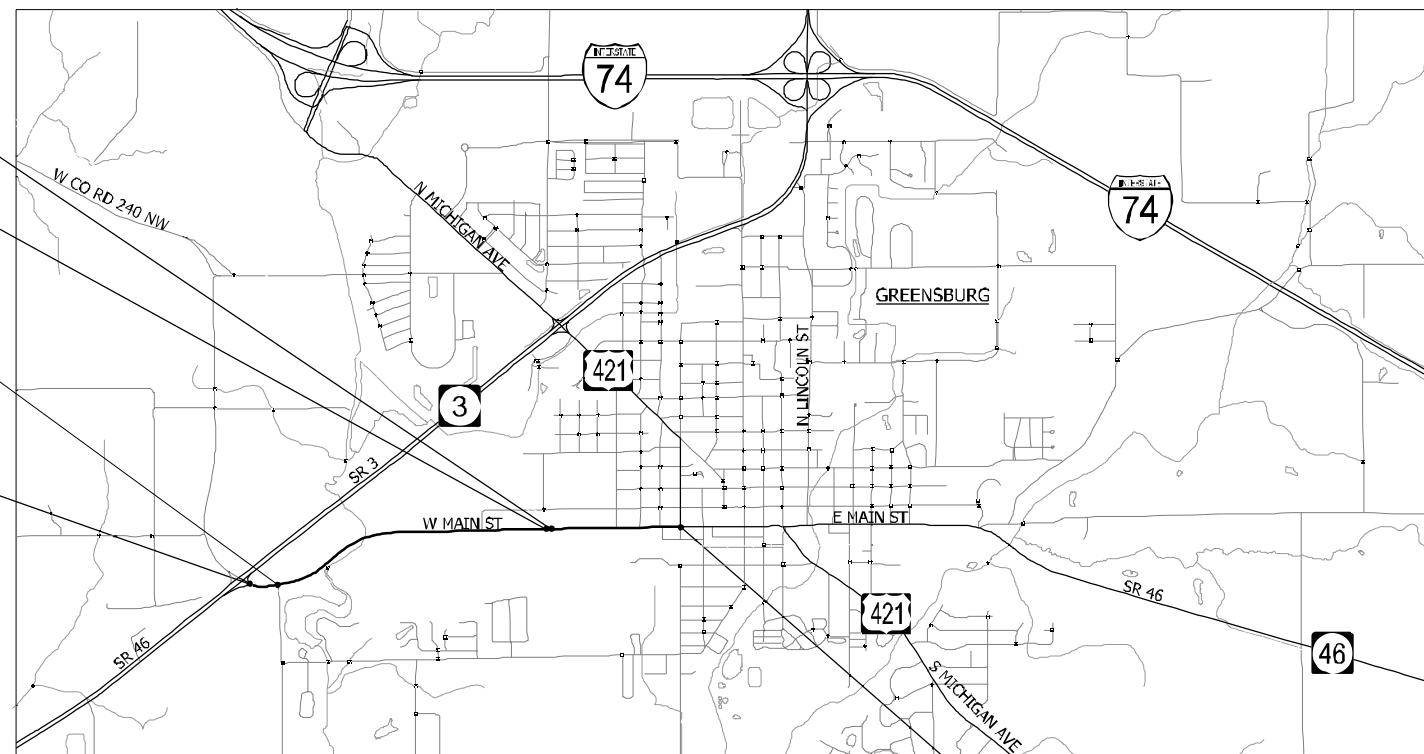
PREVENTATIVE MAINTENANCE & PAVEMENT RECONSTRUCTION ON SR 46 STARTING FROM THE EAST JUNCTION OF SR 3 AND SR 46 TO THE WEST JUNCTION OF SR 46 AND US 421 IN SECTIONS 2, 3, 9, 10, AND 11, T-10N, R-9E, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA.

BEGIN PAVEMENT RECONSTRUCTION
 STA. 96+05.00 "B"

END PREVENTATIVE MAINTENANCE
 STA. 95+60.00 "B"

P.O.T 55+77.95 LINE "S-SR46-2-C"
 = P.T. 34+14.90 LINE "B",
 2.50' LT.

BEGIN DES. NO. 1800255
 BEGIN PREVENTATIVE MAINTENANCE
 STA. 52+00.00 "S-SR46-2-C"

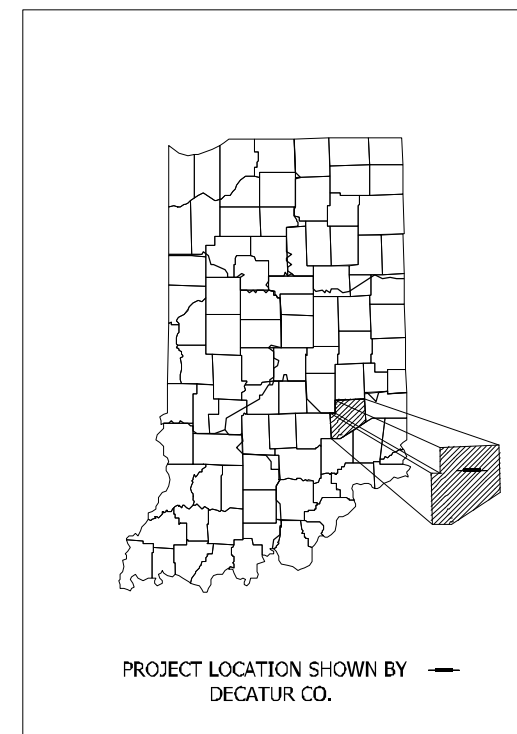


LOCATION MAP

END DES. NO. 1800255
 END PAVEMENT RECONSTRUCTION
 STA. 124+50.00 "B"

SCALE: 1" = 2000'

TRAFFIC DATA		STATE ROAD 46	
A.A.D.T. (2023)	5760	V.P.D.	
A.A.D.T. (2043)	7190	V.P.D.	
D.H.V. (2043)	647	V.P.H.	
DIRECTIONAL DISTRIBUTION		50 %	
TRUCKS		5.5 % A.A.D.T.	
		36 % D.H.V.	
DESIGN DATA		STA. 52+00 "S-SR46-2-C" to STA. 95+80 "B"	
DESIGN SPEED	45	M.P.H.	
PROJECT DESIGN CRITERIA	PARTIAL 3R (NON FREEWAY)		
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL		
RURAL/URBAN	RURAL		
TERRAIN	LEVEL		
ACCESS CONTROL	NONE		
DESIGN DATA		STA. 96+00 "B" to STA. 121+15 "B"	
DESIGN SPEED	30	M.P.H.	
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON FREEWAY)		
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL		
RURAL/URBAN	URBAN (INTERMEDIATE)		
TERRAIN	LEVEL		
ACCESS CONTROL	NONE		



LATITUDE: 39° 20' 11" N LONGITUDE: 85° 29' 55" W

BRIDGE LENGTH:	N/A	MI.
ROADWAY LENGTH:	1.75	MI.
TOTAL LENGTH:	1.75	MI.
MAX. GRADE:	0.89	%

INDIANA DEPARTMENT OF TRANSPORTATION
 STANDARD SPECIFICATIONS DATED 2022
 TO BE USED WITH THESE PLANS



Michael Baker International, Inc.
 3815 River Crossing Parkway, Suite 120
 Indianapolis, IN 46240
 Tel: 317-663-8430 Fax: 317-663-8410
 www.mbakintl.com

PLANS PREPARED BY:	Michael Baker International, Inc.	317-663-8430 PHONE NUMBER
CERTIFIED BY:		DATE
RECOMMENDED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

BRIDGE FILE	
DESIGNATION	
1800255	
SURVEY BOOK	SHEETS
	1 of 119
CONTRACT	PROJECT
R-41463	1800256

UTILITIES

COMCAST CABLE COMMUNICATIONS
WILL MORRIS
CABLE TV
997 EAST COUNTY LINE ROAD
GREENWOOD, IN 46143
317-275-6443
william_morris@comcast.com

DECATUR COUNTY REMC
BRIAN KEITH
ELECTRIC
1430 W MAIN STREET
GREENSBURG, IN 47240
812-27663-3391
bkeith@dcremc.com

DECATUR COUNTY REMC
JAMIE GOODCHILD
WATER
OPERATIONS MANAGER
208 W MAIN, SUITE #3
GREENSBURG, IN 47240
812-663-3119
dcrw@etczone.com

DECATUR COUNTY RURAL WATER
DOREEN G. GRAVES
WATER
GENERAL MANAGER
3455 OLD N US HWY 421
GREENSBURG, IN 47240
812-663-3119
dcrw.generalmanager@gmail.com

ENHANCED NETWORK SOLUTIONS CORP
DUSTIN NOBBE
COMMUNICATIONS
PROJECT MANAGER
123 NEIMAN STREET
SUNMAN, IN 47041
812-623-4432
dnobbe@etc1.net

DUKE ENERGY INC.
CINDY ROWLAND
ELECTRIC
SR. ENGINEERING TECHNOLOGIST
371-776-5341
Cindy.rowland@duke-energy.com

LEVEL 3 COMMUNICATIONS
XAN MARIE RYPKEMA
COMMUNICATIONS
BUSINESS ANALYST, OSP RELOCATIONS
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
720-888-1089
Xan.Rypkema@level3.com

CENTURYLINK INC.
JOHN UNVERFERTH
COMMUNICATIONS
419-226-6342
John.C.Unverferth@centurylink.com

SPRINT
STEVE HUGHES
COMMUNICATIONS
OSP ENGINEER
11370 ENTERPRISE PARK DR.
SHARONVILLE, OH 45241
513-459-5796
steven.hughes@sprint.com

VECTREN
PUBLIC PROJECT
ELECTRIC/GAS
PUBLIC IMPROVEMENT PROJECT COORDINATOR
16000 ALLISONVILLE RD
NOBLESVILLE, IN 46061
812-491-4765
publicproject@vectren.com

FRONTIER COMMUNICATIONS
JOE SARLL
COMMUNICATIONS
DIRECTOR OF OSP ENGINEERING-IN/MI
8001 WEST JEFFERSON BLVD
FORT WAYNE, IN 46804
260-436-2369
utilitycordreq@ftr.com

GREENSBURG MUNICIPAL WATER & WASTEWATER
RON MAY
SANITARY SEWER/WATER
CITY ENGINEER
314 WASHINGTON ST
GREENSBURG, IN 46240
812-663-3344
rmay@greensburg.in.gov

GENERAL NOTES

**	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.
	THE EXISTING ASPHALT PAVEMENT LOCATED OUTSIDE THE CONSTRUCTION LIMITS, BETWEEN STA. _____ AND _____, 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.
	ALL LIMITED ACCESS RIGHT-OF-WAY (L.A. R/W) IS TO BE FENCED WITH CHAIN LINK TYPE FENCE (CLTF) OR FARM FIELD TYPE FENCE (FFTF) WHERE SPECIFIED IN THE PLANS.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

SHEET NO.	DRAWINGS INDEX
1	TITLE
2	INDEX AND GENERAL NOTES
3	TYPICAL CROSS SECTIONS
4-8	GEOMETRIC TIE-UP DETAILS
9-11	PLAT No 1
12-31	MAINTENANCE OF TRAFFIC
32-45	PLAN AND PROFILES
46-51	CONSTRUCTION DETAILS
52-56	CURB RAMP DETAILS
57-58	SIDEWALK DETAILS
59	TRAFFIC SIGNAL MODERNIZATION - S.R. 46 & U.S. 421 (W JCT.)
60-68	LIGHTING DETAILS
58-86	PAVEMENT MARKINGS AND SIGNAGE
87-89	STRUCTURE DATA TABLES
90-92	ROADWAY TABLES
93-119	ROADWAY CROSS SECTIONS - LINE "B"

REVISIONS

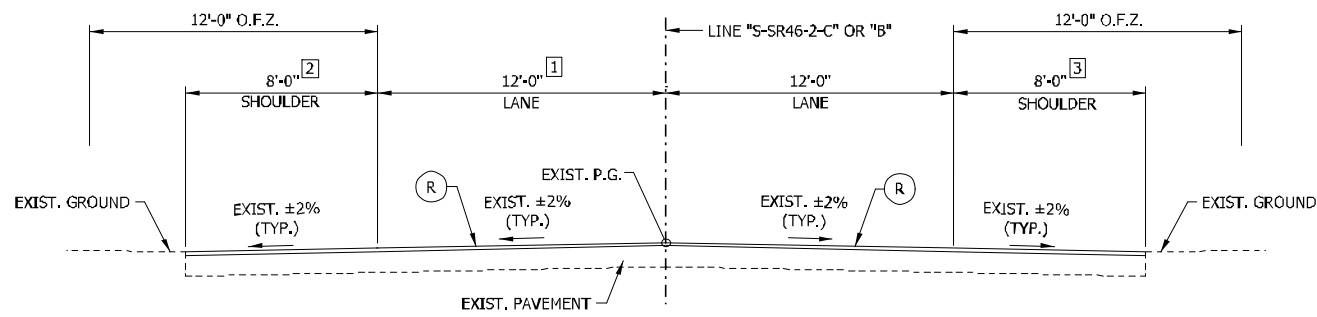
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ DC _____	DRAWN: _____ JEC _____	
CHECKED: _____ WRC _____	CHECKED: _____ WRC _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX & GENERAL NOTES

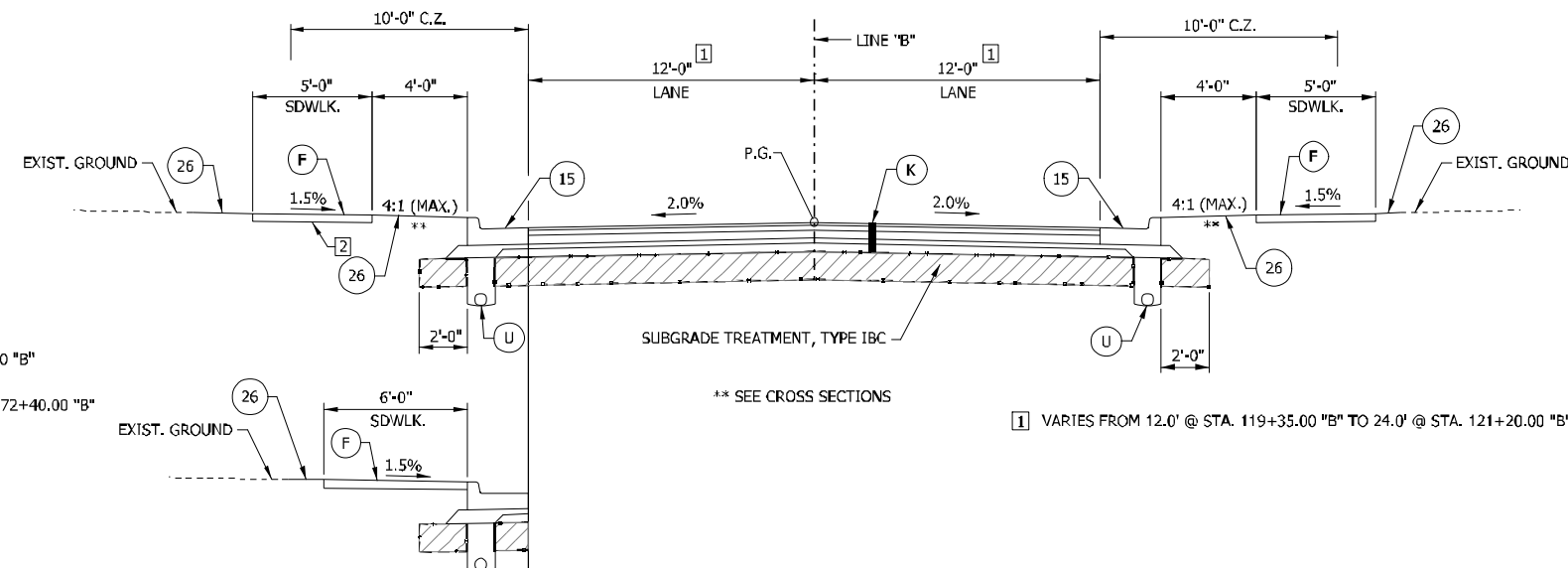
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VERTICAL SCALE N/A	DESIGNATION 1800255
SURVEY BOOK	SHEETS
	2 of 119
CONTRACT R-41463	PROJECT 1800256



TYPICAL SECTION - MILL & OVERLAY

STA. 52+00.00 TO STA. 55+77.95 "S-SR46-2-C"
STA. 34+14.90 TO STA. 95+80.00 "B"

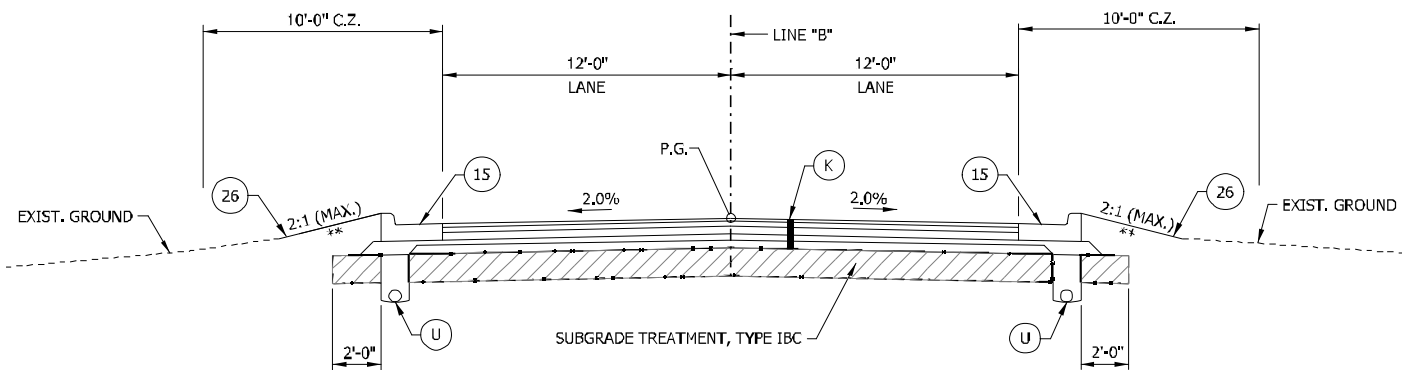
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- 2 VARIES 7.5' TO 9' FROM STA. 52+00.00 "S-SR46-2-C" TO STA. 78+50.00 "B" 4' FROM STA. 78+50.00 TO STA. 95+80.00 "B"
- 3 VARIES FROM 8' TO 10.5' FROM STA. 52+00.00 "S-SR46-2-C" TO STA. 72+40.00 "B" 4' FROM STA. 72+40.00 "S-SR46-2-C" TO STA. 80+23.00 "B" 8' FROM STA. 80+23.00 "B" TO STA. 95+80.00 "B"



TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK

STA. 105+45.00 TO STA. 106+25.00 "B"

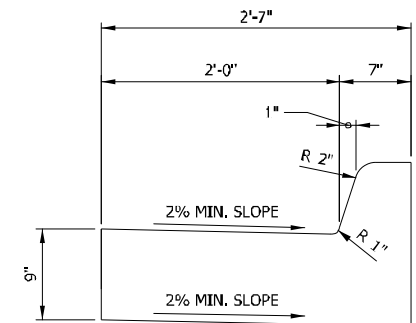
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TYPICAL SECTION - COMBINED CURB & GUTTER

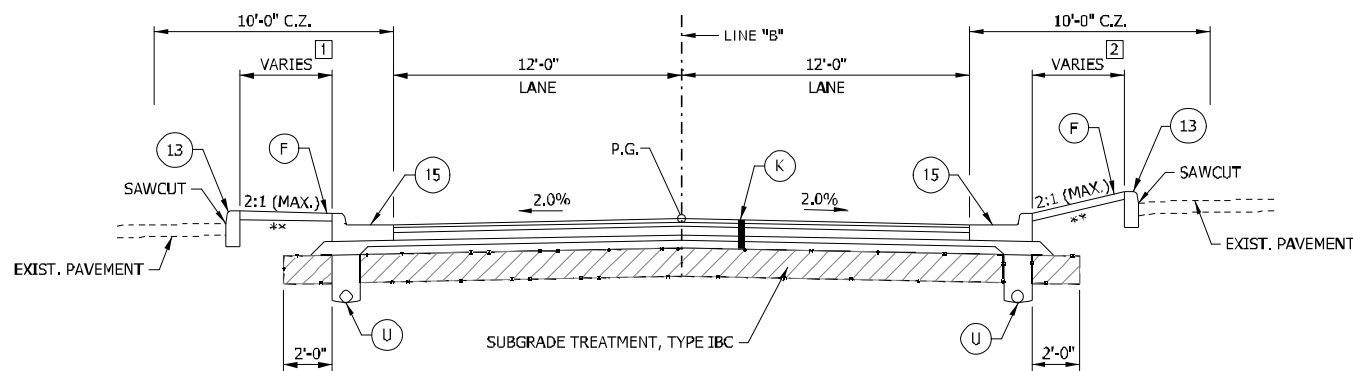
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** SEE CROSS SECTIONS



MODIFIED CONCRETE CURB AND GUTTER

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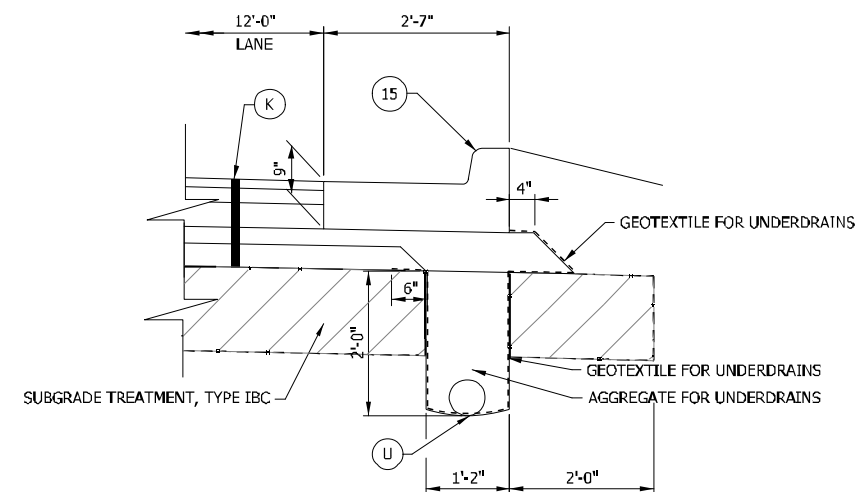


TYPICAL SECTION - COMBINED CURB & GUTTER W/ PARKING LOT SIDE CURB

STA. 100+00.00 TO STA. 105+45.00 "B"

** SEE CROSS SECTIONS

- 1 VARIES 3.5' TO 8.0'
- 2 VARIES 2.1' TO 3.5'



UNDERDRAIN DETAIL W/ COMBINED CURB & GUTTER

SCALE: N.T.S.

LEGEND

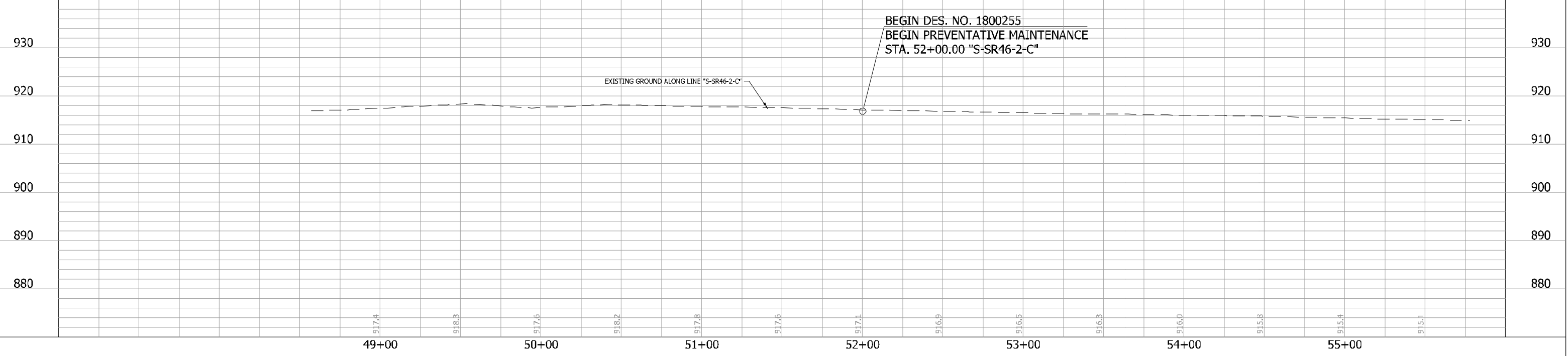
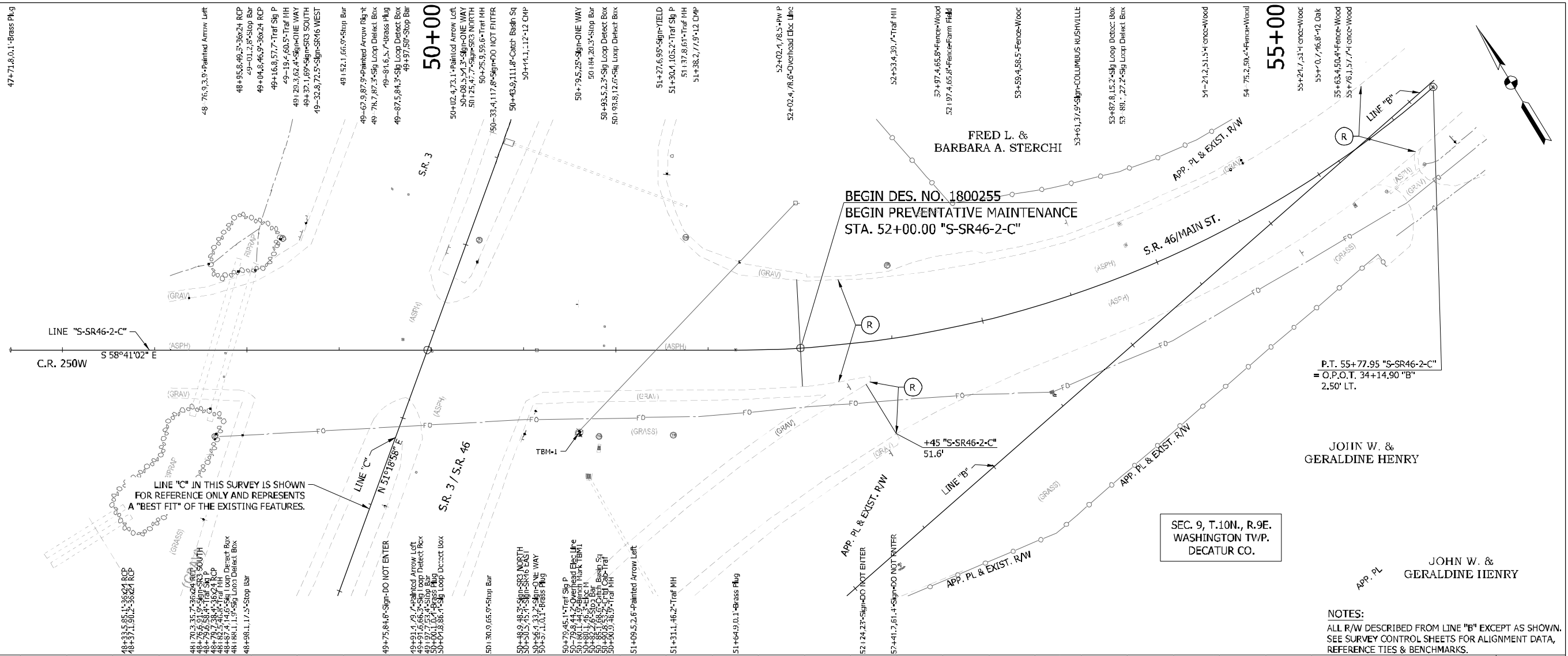
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- (R) 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON EXISTING, MILLED ASPHALT SURFACE
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (13) CONCRETE CURB
- (15) MODIFIED COMBINED CONCRETE CURB & GUTTER
- (26) SODDING, NURSERY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DC	DRAWN: JEC	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "S-SR46-2-C" & LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1800255
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R-41463	1800256



LEGEND

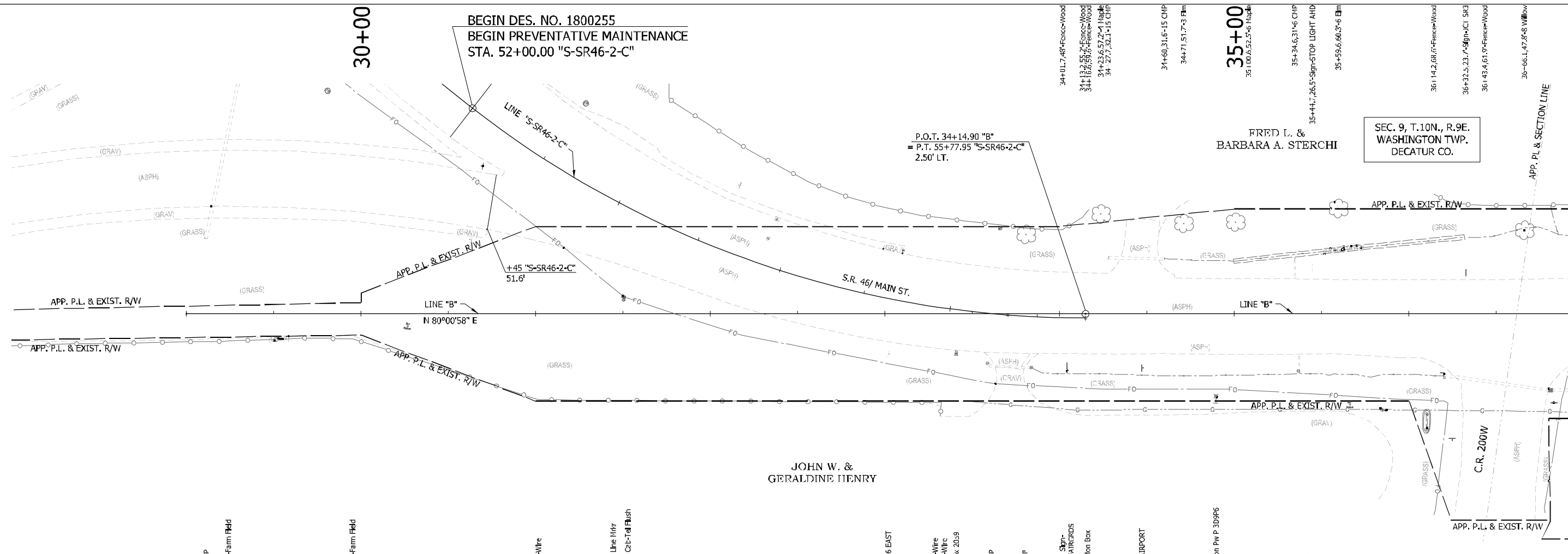
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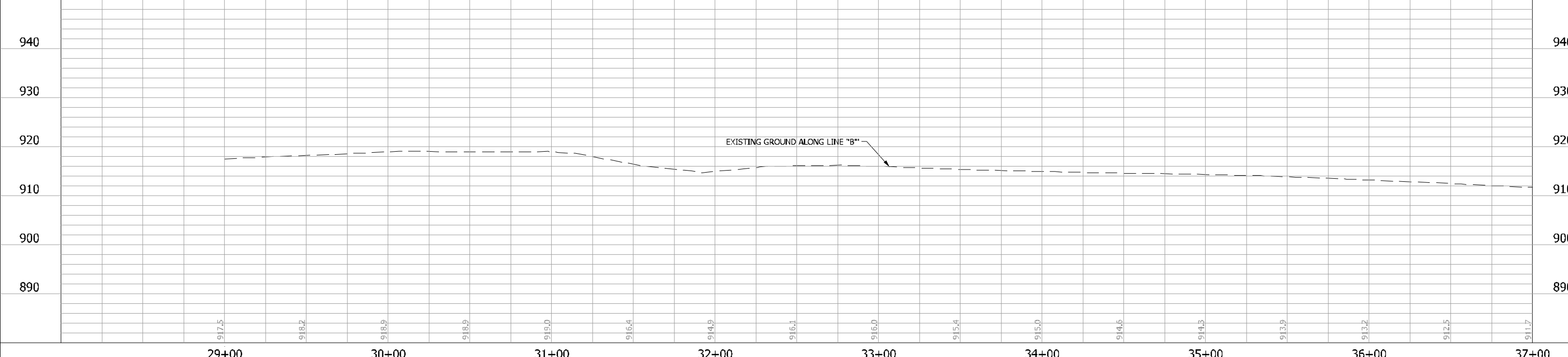
INDIANA
DEPARTMENT OF TRANSPORTATION

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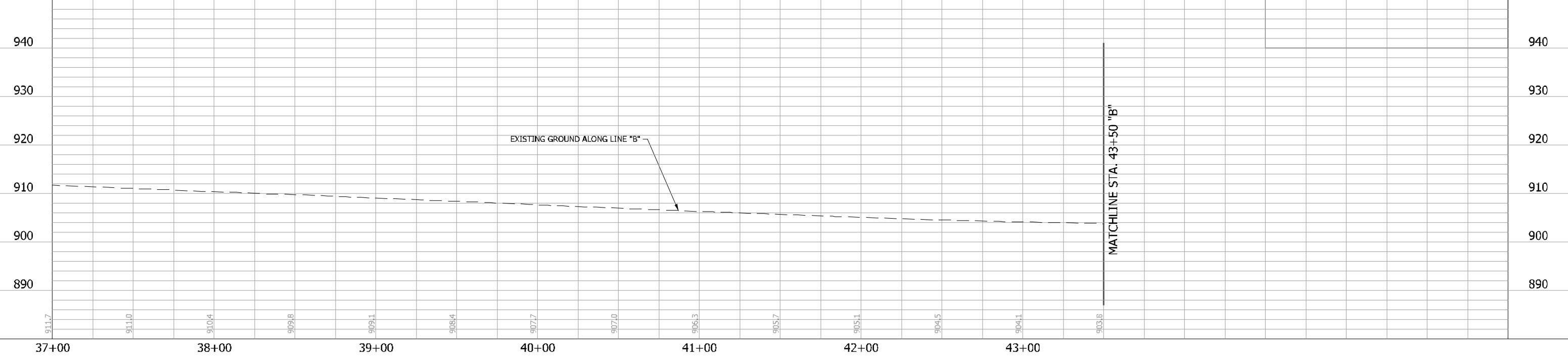
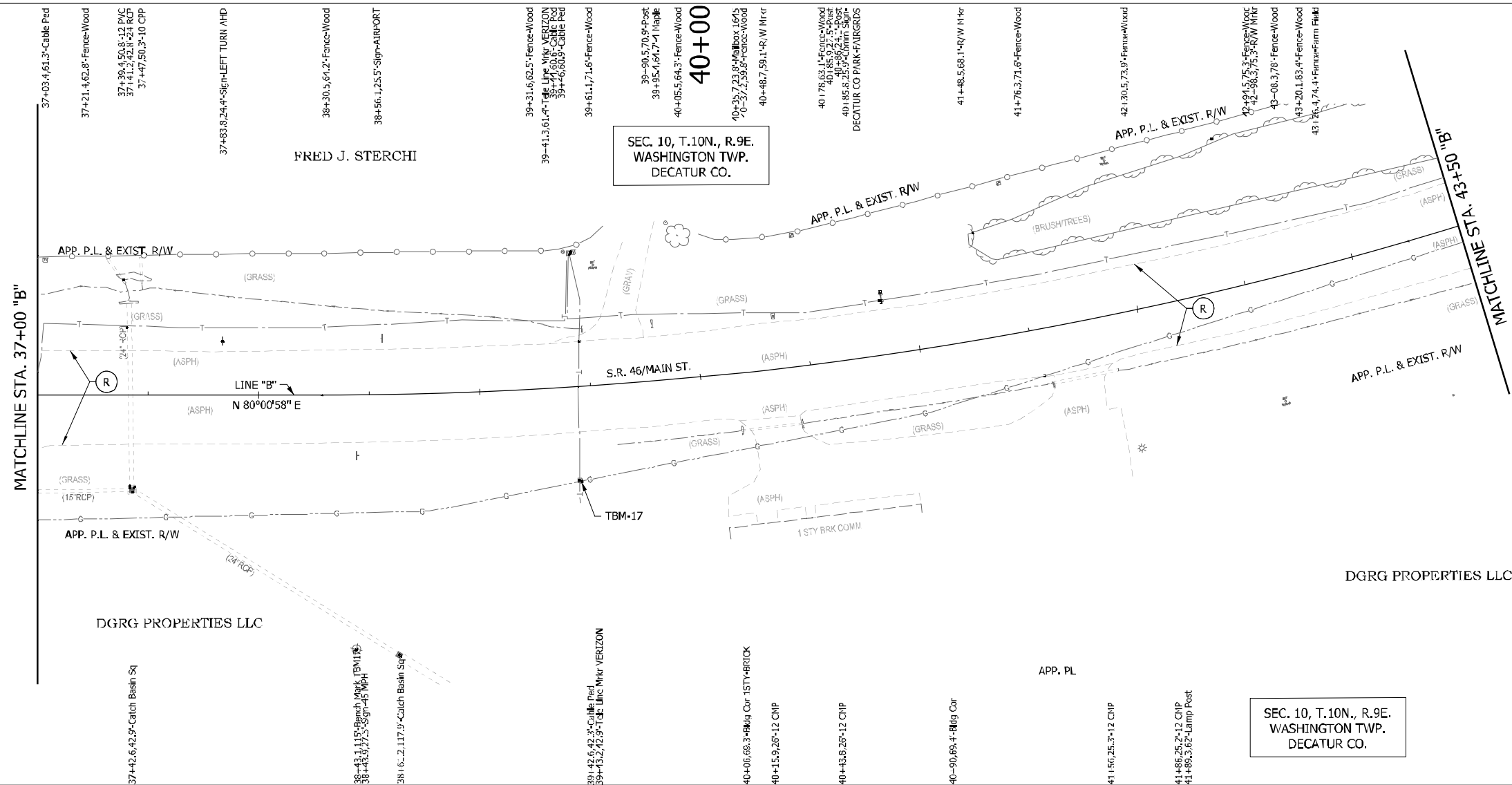
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SURVEY BOOK	SHEETS 32 of 119
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NOTES:
 ALL R/W DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
 REFERENCE TIES & BENCHMARKS.



LEGEND (R) 165 LB/SY'S QC/QA-HMA, 3, 70, SURFACE 9.5 MM ON, EXISTING, MILLED ASPHALT SURFACE	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "B"	HORIZONTAL SCALE 1"=30'	BRIDGE FILE
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				CONTRACT R-41463	PROJECT 1800256



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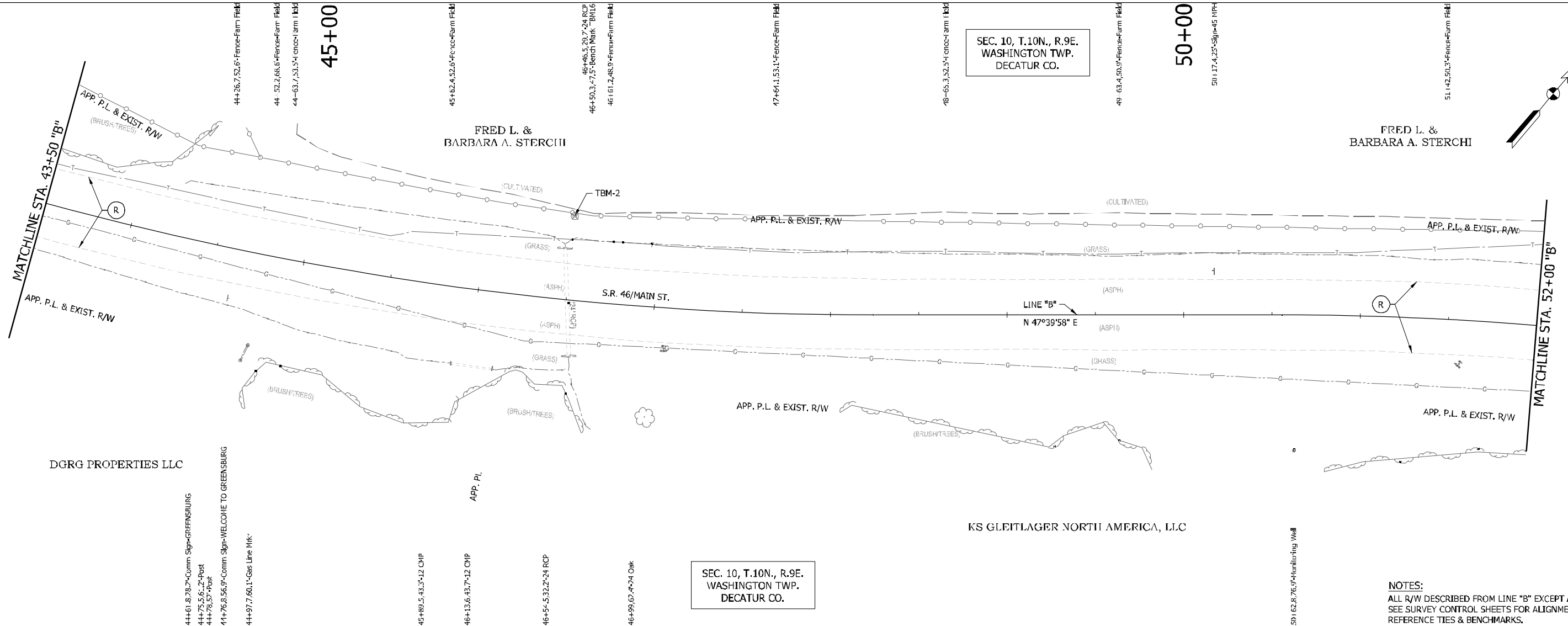
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INDIANA DEPARTMENT OF TRANSPORTATION

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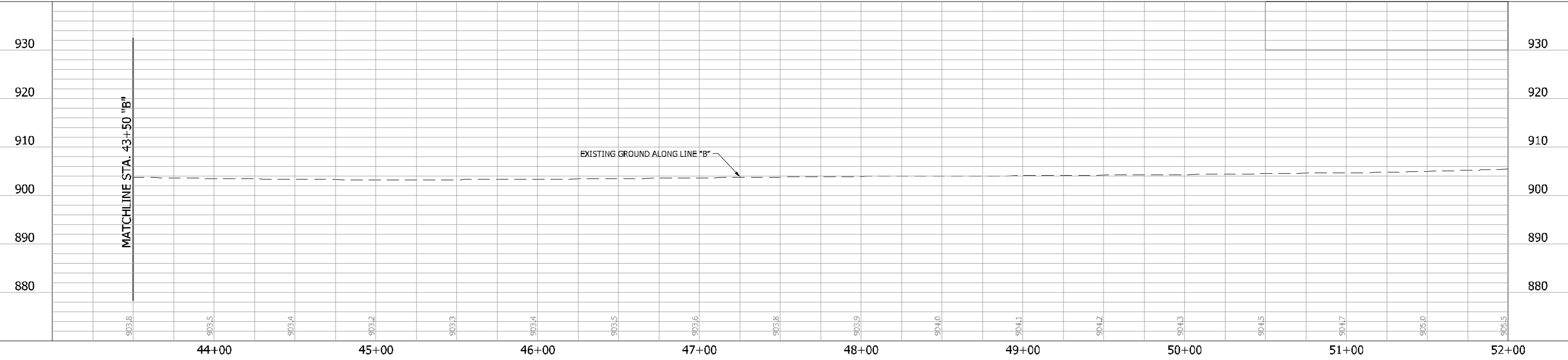
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VERTICAL SCALE 1"=10'	DESIGNATION 1800255
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SEC. 10, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

SEC. 10, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

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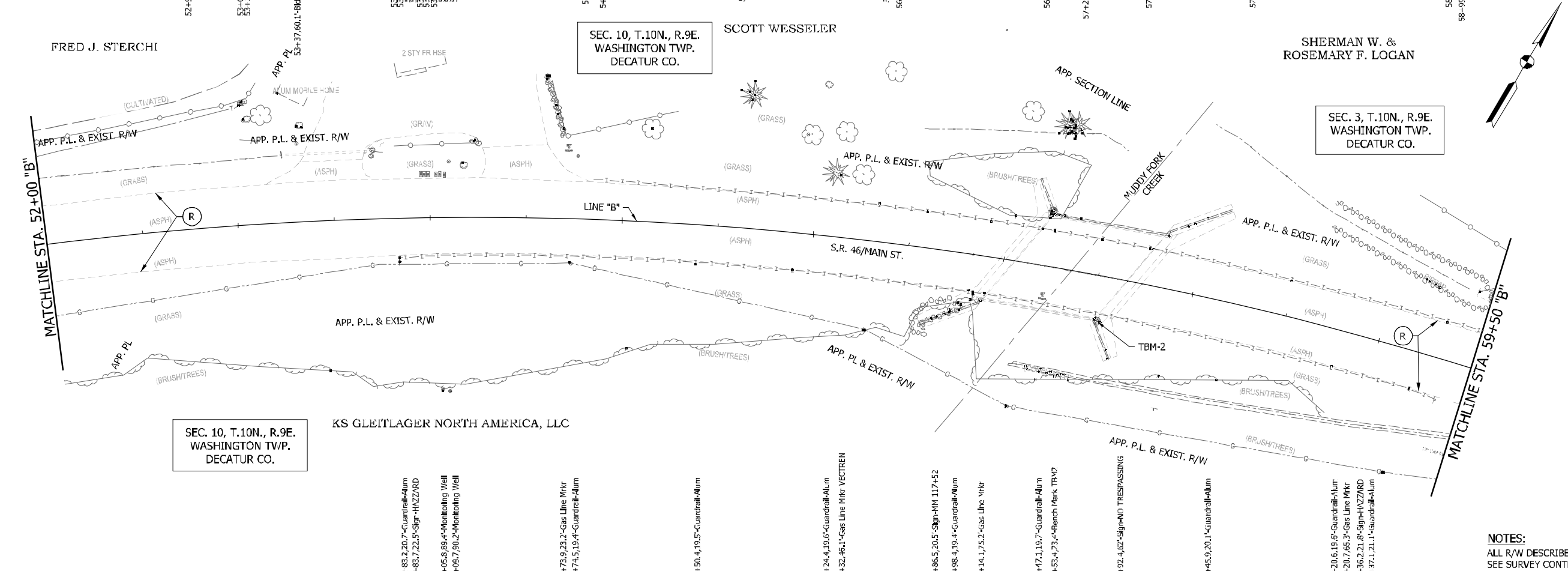
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DC	DRAWN: JEC	
CHECKED: LDW	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "B"**

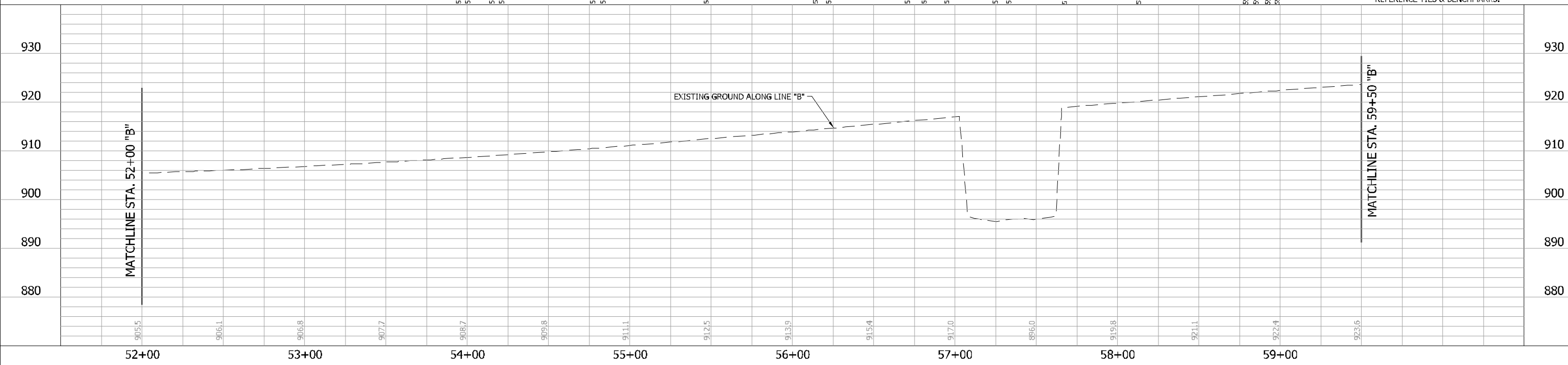
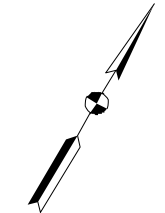
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VERTICAL SCALE 1"=10'	DESIGNATION 1800255
SURVEY BOOK	SHEETS 35 of 119
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SEC. 10, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

SEC. 10, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

SEC. 3, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.



NOTES:
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SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
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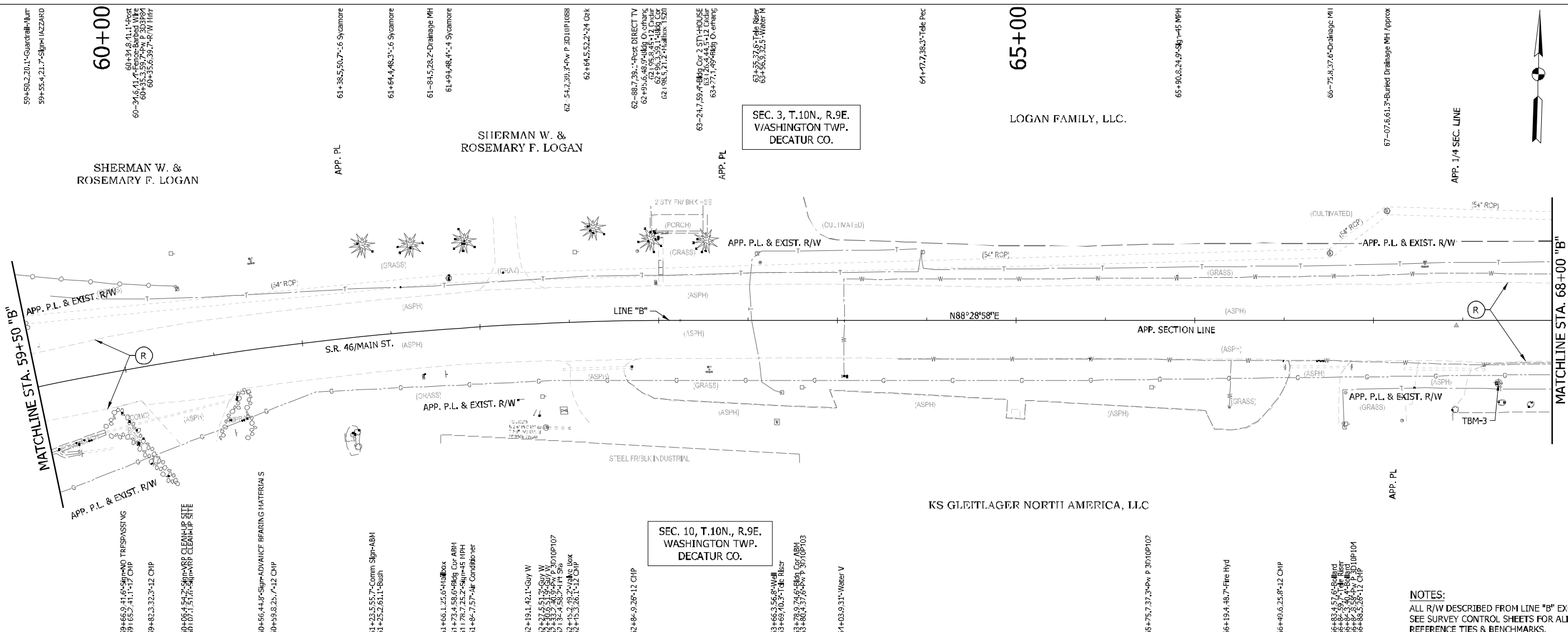
LEGEND
(R) 165 LB/SYS QC/QA-HMA, 3, 70, SURFACE 9.5 MM ON, EXISTING, MILLED ASPHALT SURFACE

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE _____
DESIGNED: DC DRAWN: JEC
CHECKED: LDW CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "B"

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1800255
SURVEY BOOK	SHEETS 36 of 119
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SEC. 3, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

SEC. 10, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

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LEGEND

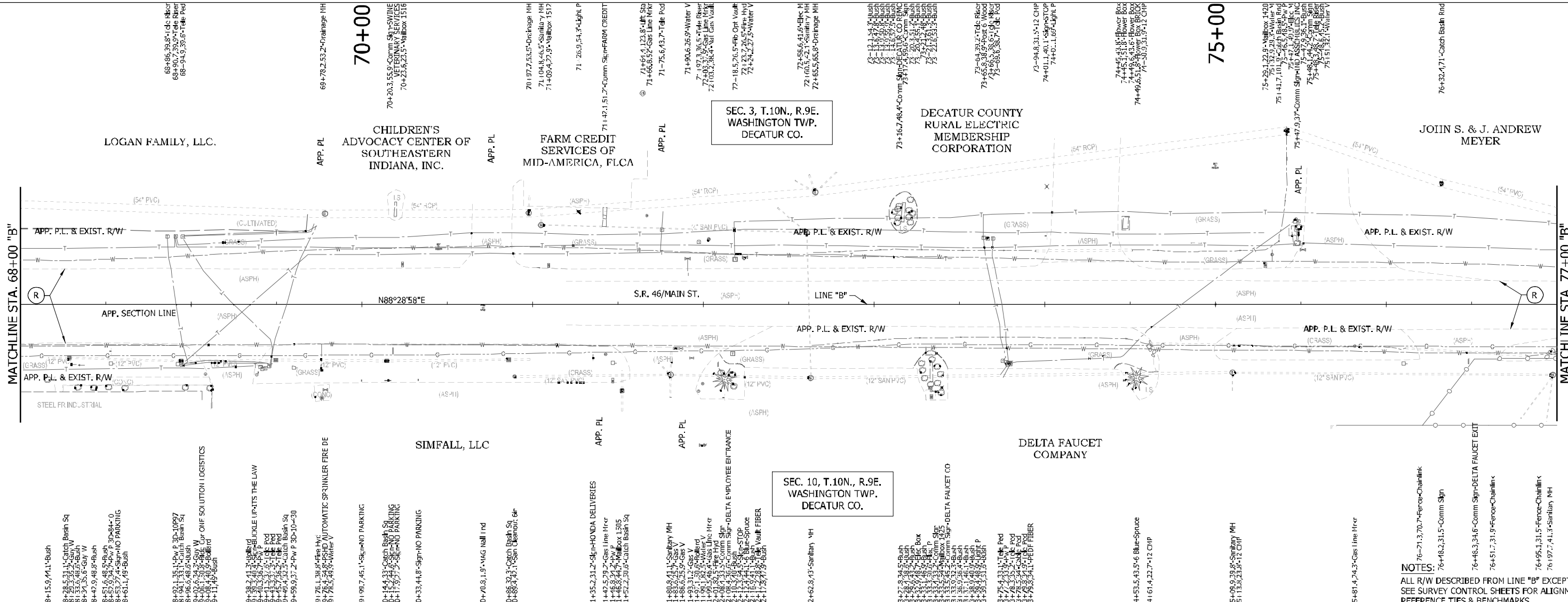
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CHECKED: LDW	CHECKED: WRC	

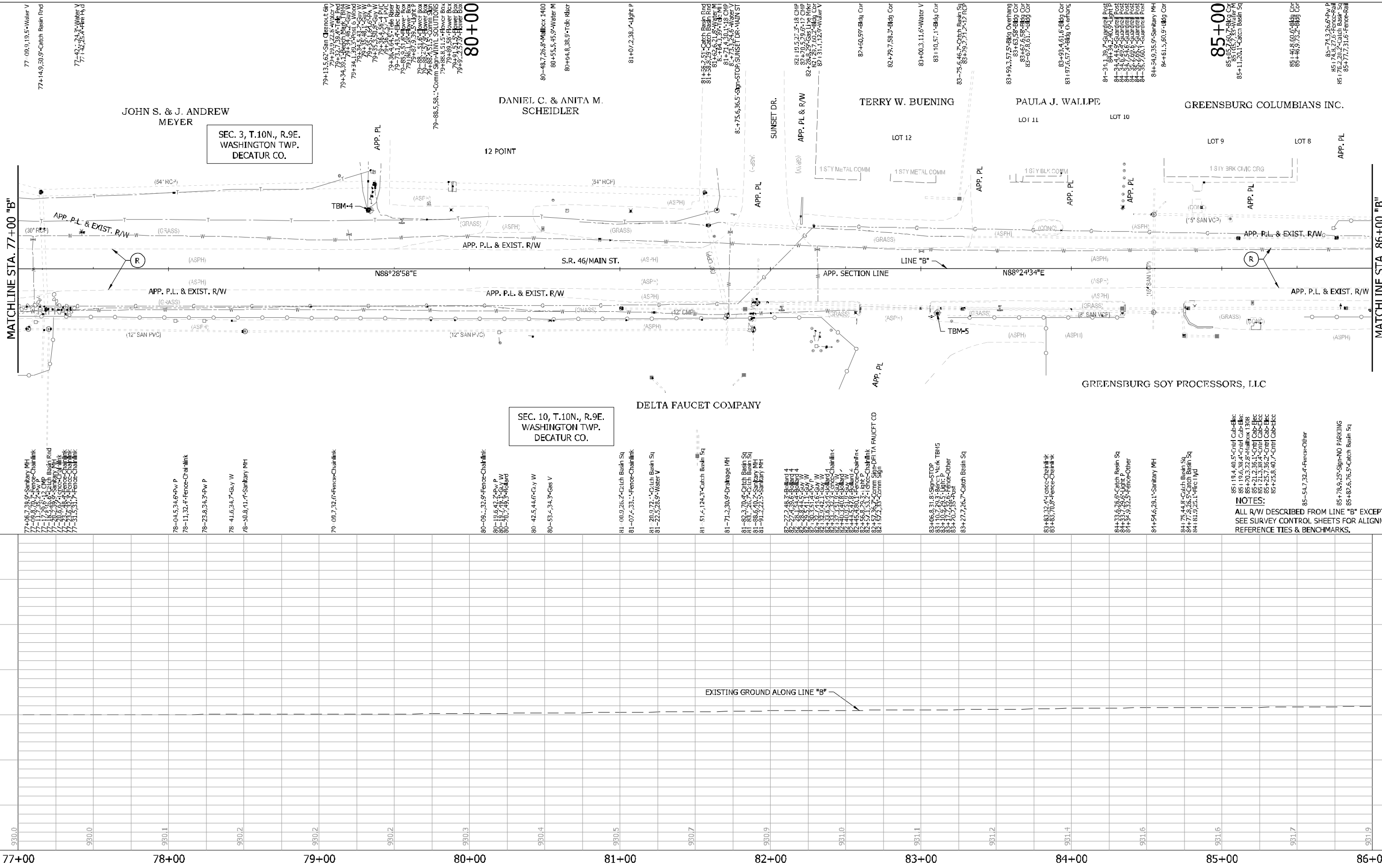
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "B"**

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1800255
SURVEY BOOK	SHEETS 37 of 119
CONTRACT R-41463	PROJECT 1800256



LEGEND (R) 165 LB/SYS QC/QA-HMA, 3, 70, SURFACE 9.5 MM ON, EXISTING, MILLED ASPHALT SURFACE	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "B"	HORIZONTAL SCALE 1"=30' VERTICAL SCALE 1"=10'	BRIDGE FILE DESIGNATION 1800255
	DESIGNED: DC DRAWN: JEC CHECKED: LDW CHECKED: WRC		SURVEY BOOK CONTRACT R-41463	SHEETS 38 of 119 PROJECT 1800256



LEGEND

(R) 165 LB/SYS QC/QA-HMA, 3, 70, SURFACE 9.5 MM ON EXISTING, MILLED ASPHALT SURFACE

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

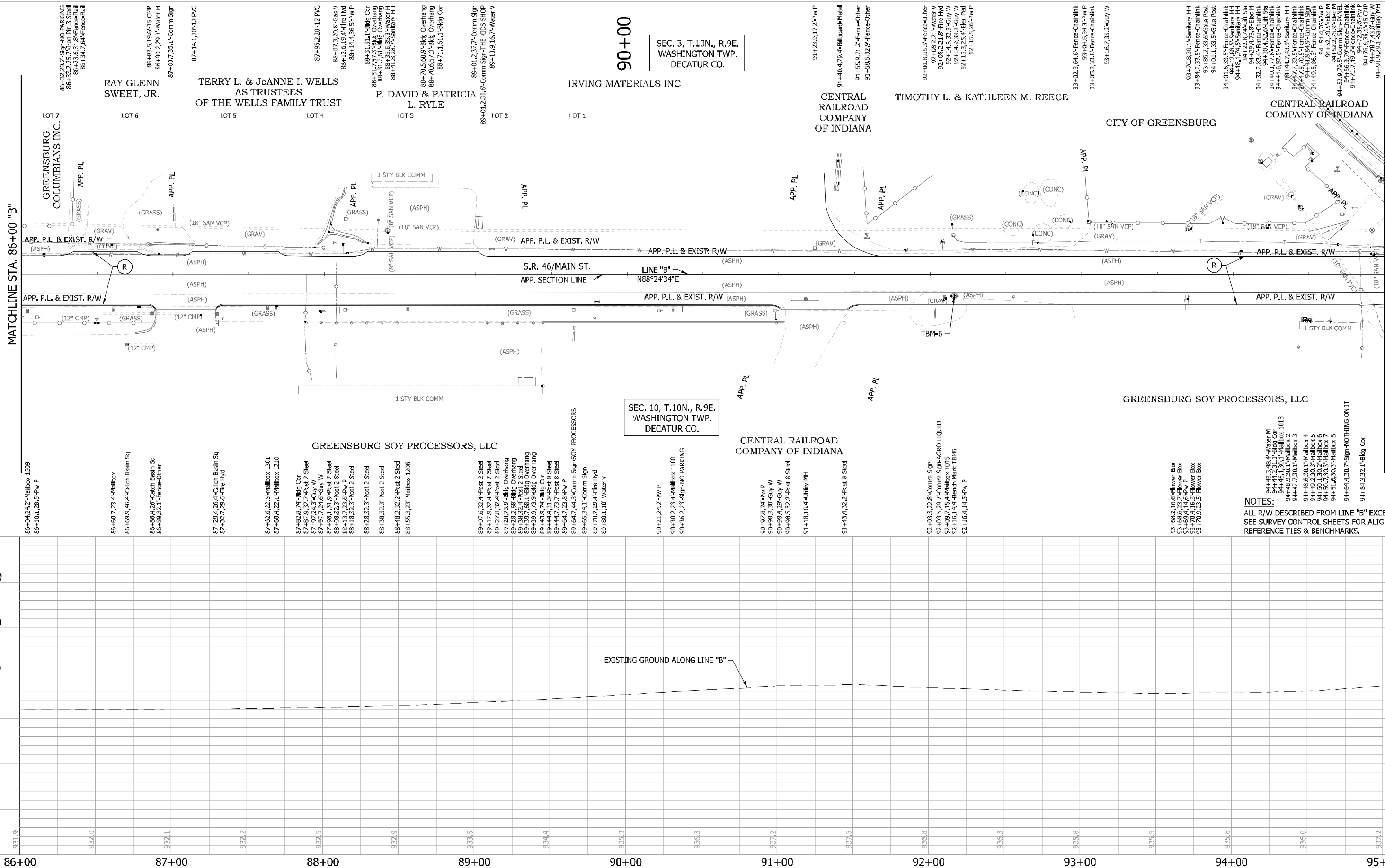
DESIGNED: DC DRAWN: JEC
CHECKED: LDW CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1800255
SURVEY BOOK	SHEET
	39 of 119
CONTRACT	PROJECT
R-41463	1800256

NOTES:
ALL R/W DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.
SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
REFERENCE TIES & BENCHMARKS.



SEC. 3, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

90+00

SEC. 10, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

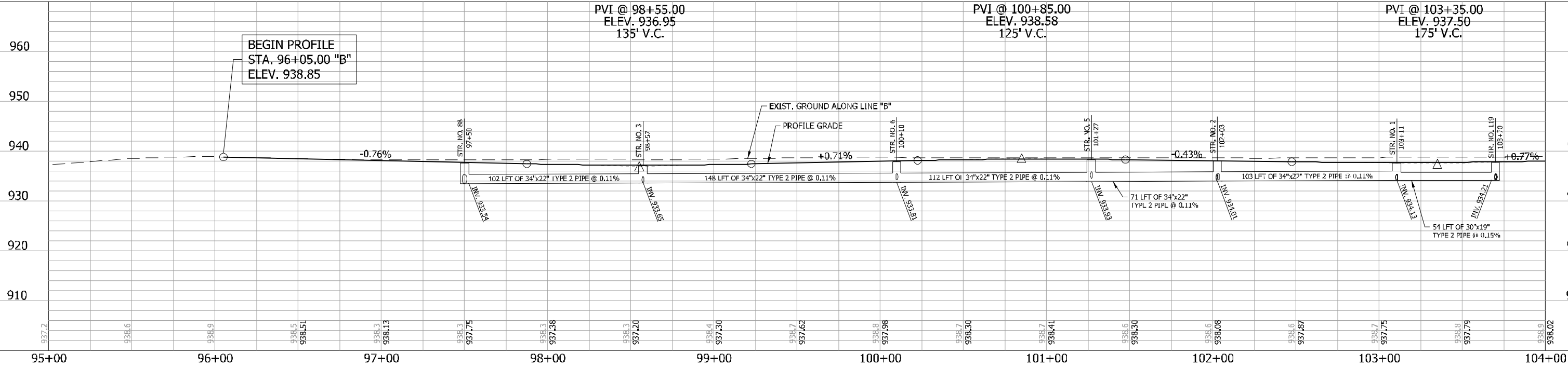
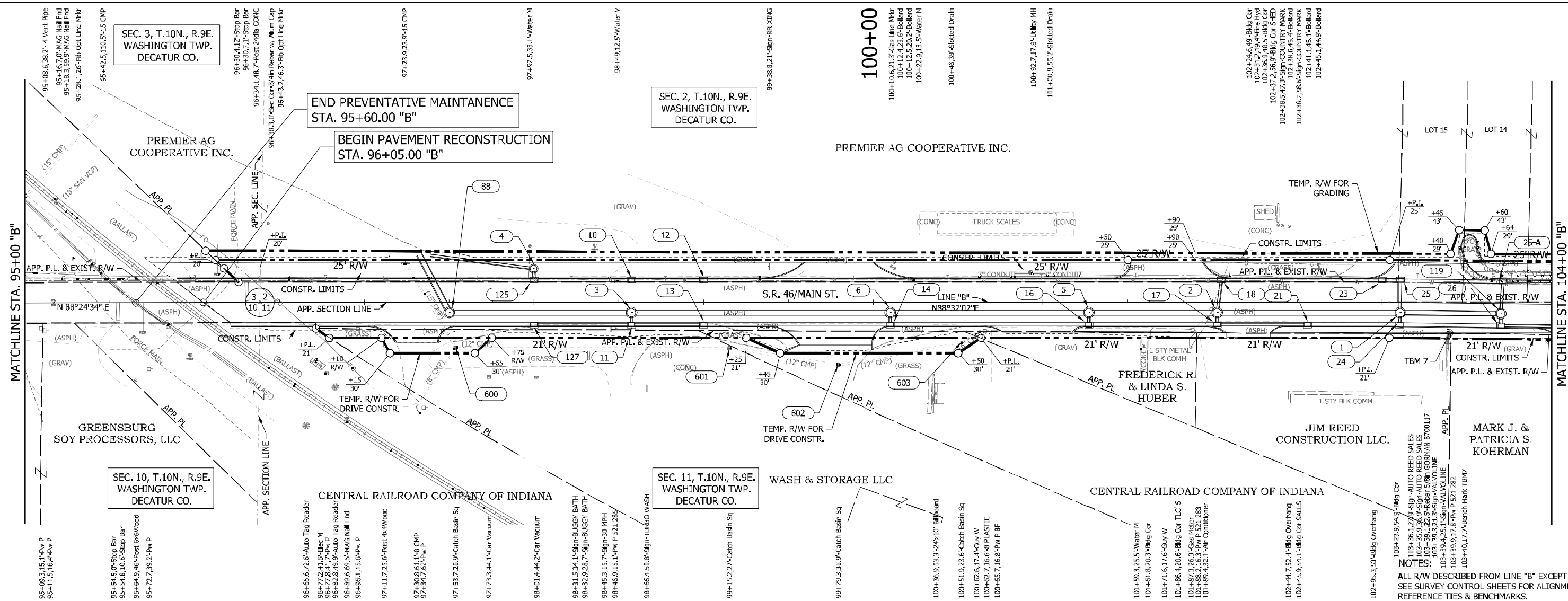
NOTES:
ALL R/W DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.
SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
REFERENCE TIES & BENCHMARKS.

LEGEND
(R) 165 LB/SYS QC/QA-HMA, 3, 70, SURFACE 9.5 MM ON EXISTING, MILLED ASPHALT SURFACE

RECOMMENDED FOR APPROVAL _____
DESIGNED: DC DRAWN: JEC
CHECKED: LDW CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "B"

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1800255
SURVEY BOOK CONTRACT R-41463	SHEETS of 119 PROJECT 1800756



LEGEND

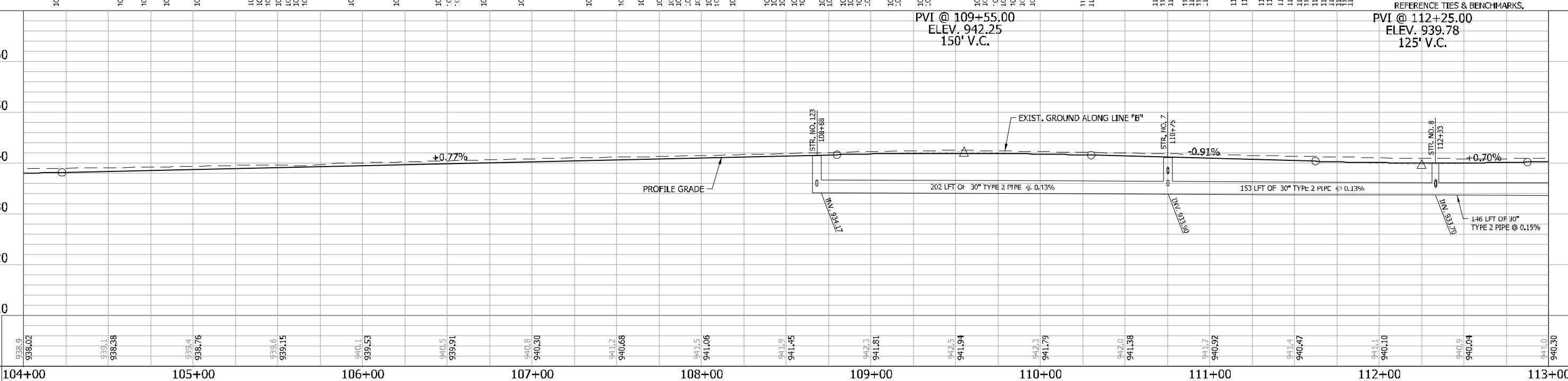
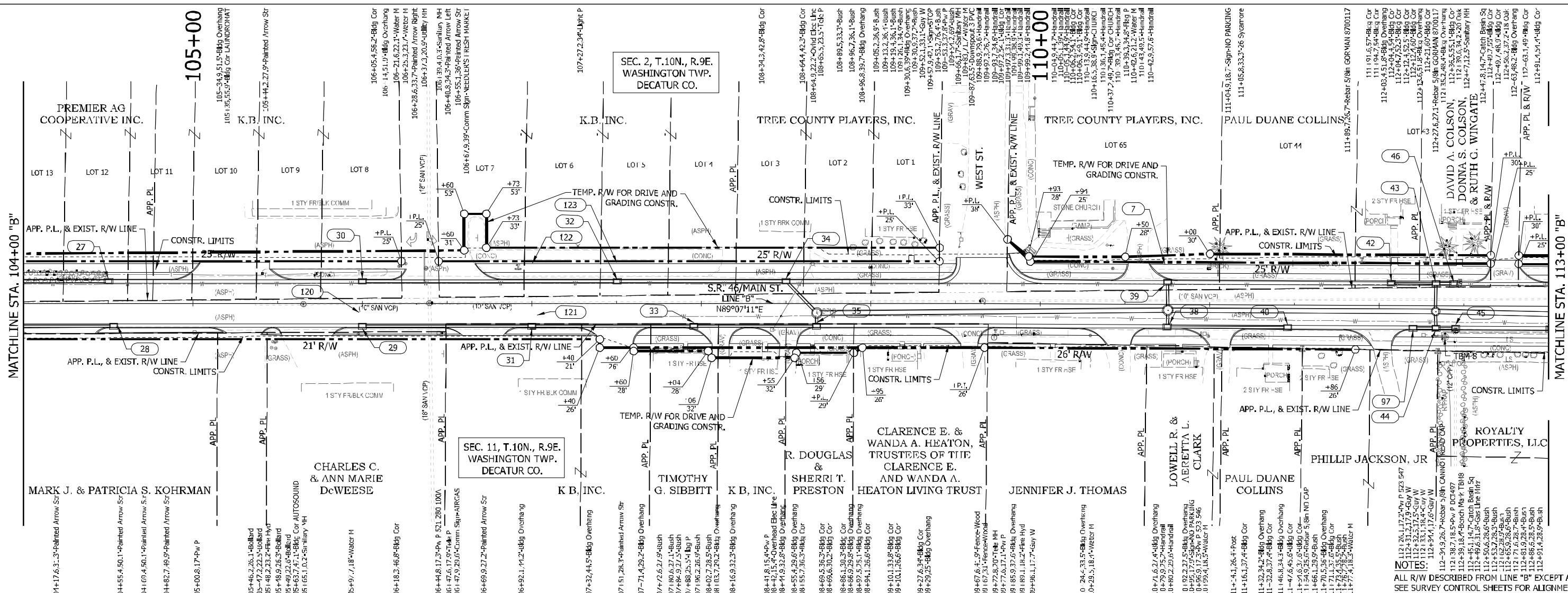
XXX STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DC	DRAWN: JEC	
CHECKED: LDW	CHECKED: WRC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1800255
SURVEY BOOK	SHEETS
	41 of 119
CONTRACT	PROJECT
R-41463	1800256



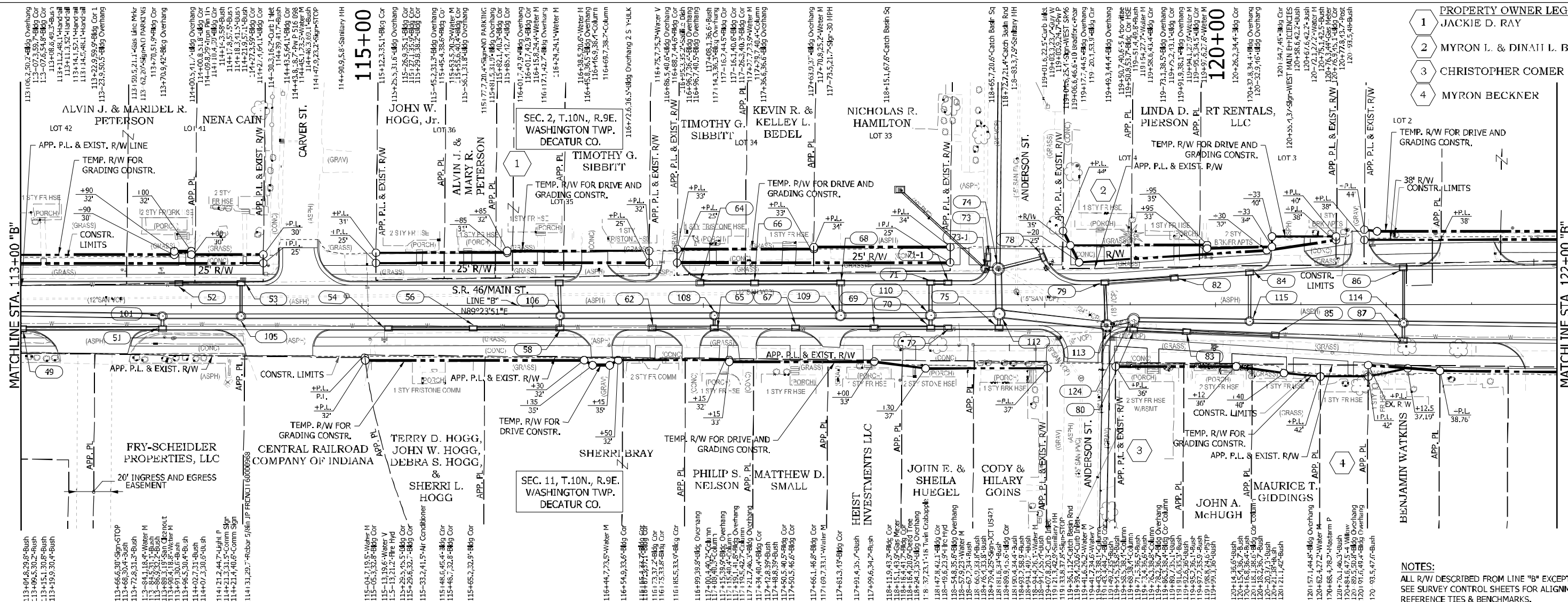
LEGEND
 (XXX) STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES

RECOMMENDED FOR APPROVAL	
DESIGNED: DC	DRAWN: JEC
CHECKED: LDW	CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "B"

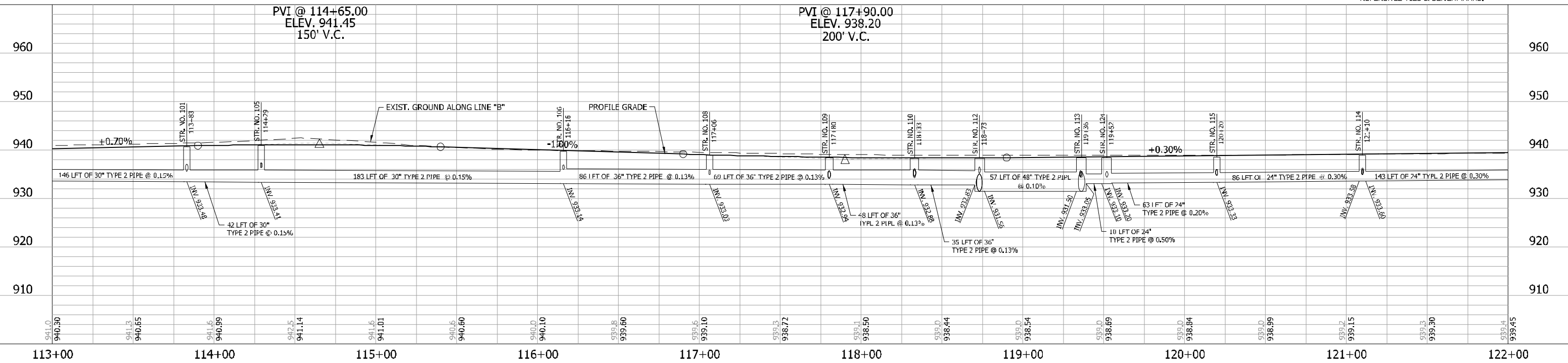
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1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1800255
SURVEY BOOK	SHEETS
	42 of 119
CONTRACT	PROJECT
R-41463	1800256



PROPERTY OWNER LEGEND

1	JACKIE D. RAY
2	MYRON L. & DINAH L. BECKNER
3	CHRISTOPHER COMER
4	MYRON BECKNER

NOTES:
 ALL R/W DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
 REFERENCE TIES & BENCHMARKS.



LEGEND

XXX STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES

RECOMMENDED FOR APPROVAL _____

DESIGNED: DC DRAWN: JEC

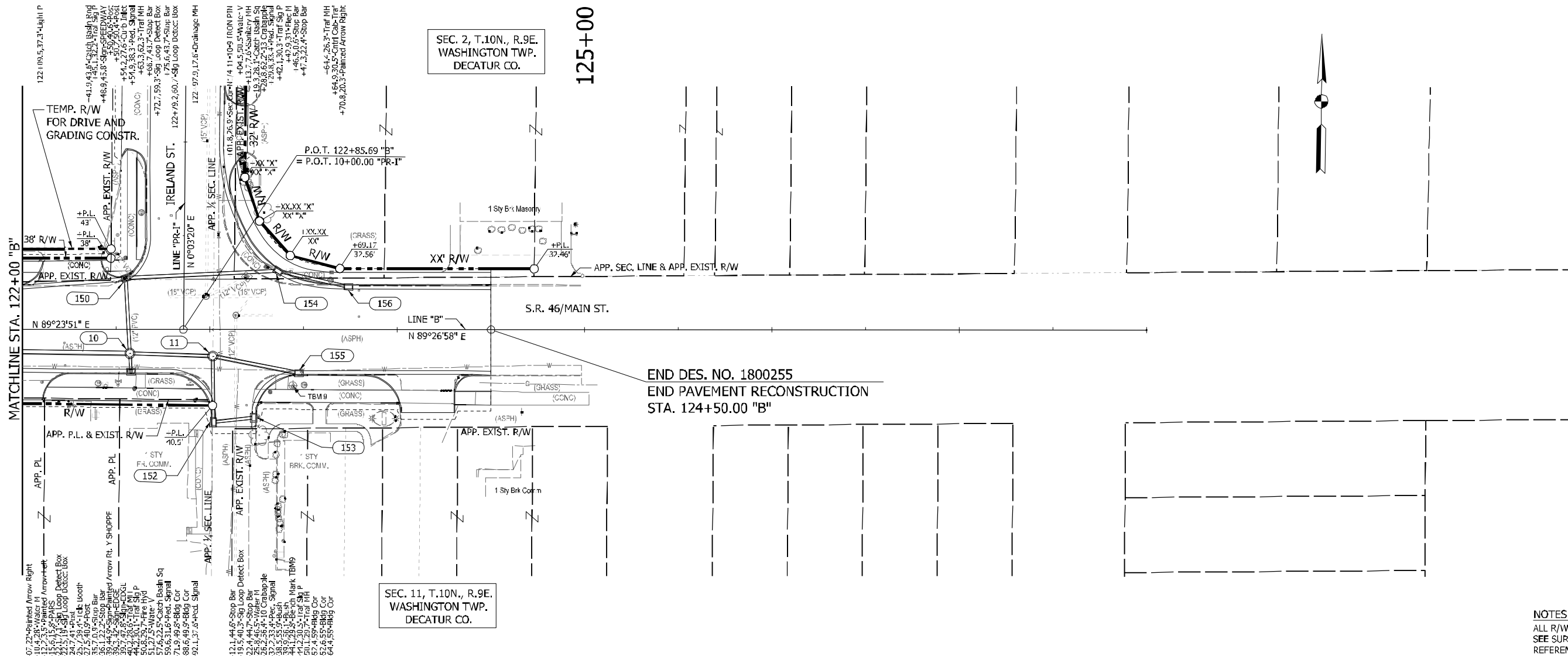
CHECKED: LDW CHECKED: WRC

DESIGN ENGINEER DATE

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1800255
SURVEY BOOK	SHEETS
	43 of 119
CONTRACT	PROJECT
R-41463	1800256



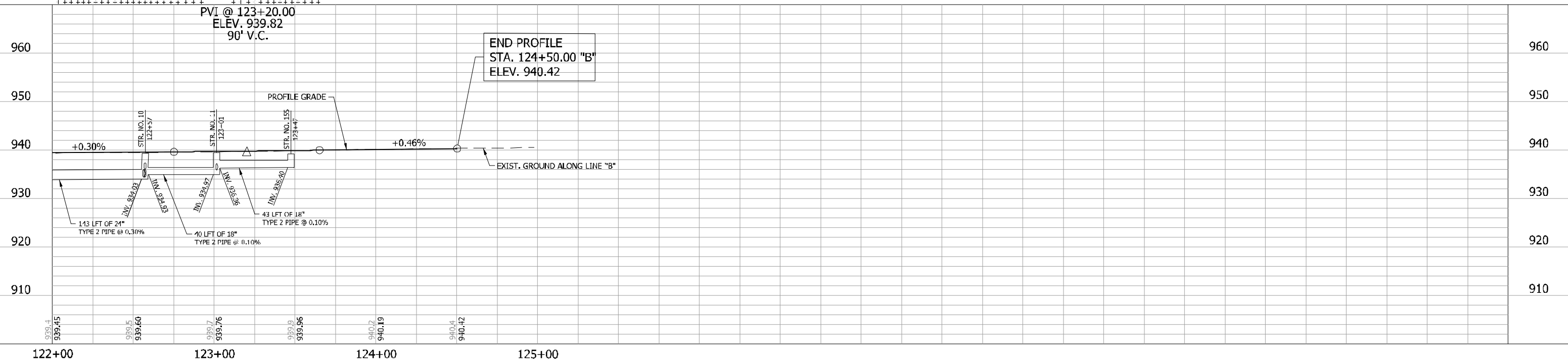
SEC. 2, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

125+00

END DES. NO. 1800255
END PAVEMENT RECONSTRUCTION
STA. 124+50.00 "B"

SEC. 11, T.10N., R.9E.
WASHINGTON TWP.
DECATUR CO.

NOTES:
ALL R/W DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.
SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
REFERENCE TIES & BENCHMARKS.



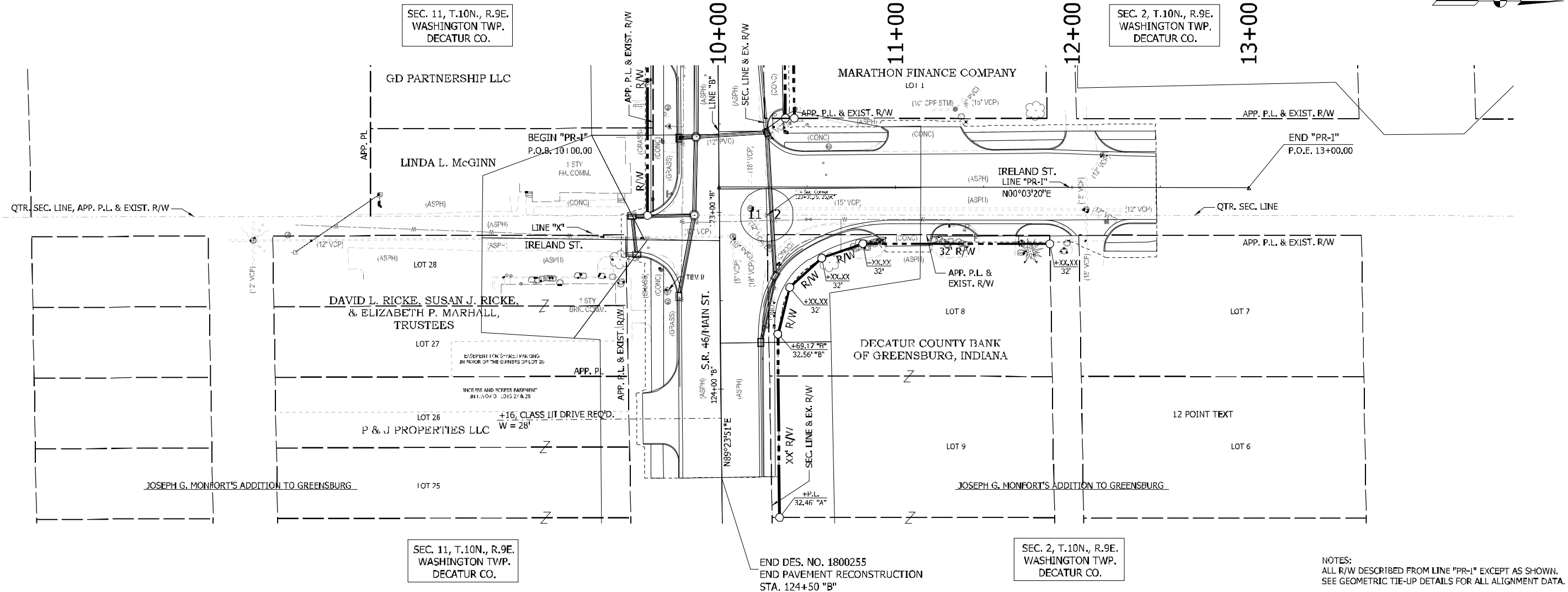
LEGEND
XXX STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DC	DRAWN: JEC	
CHECKED: LDW	CHECKED: WRC	

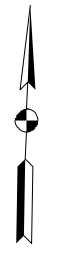
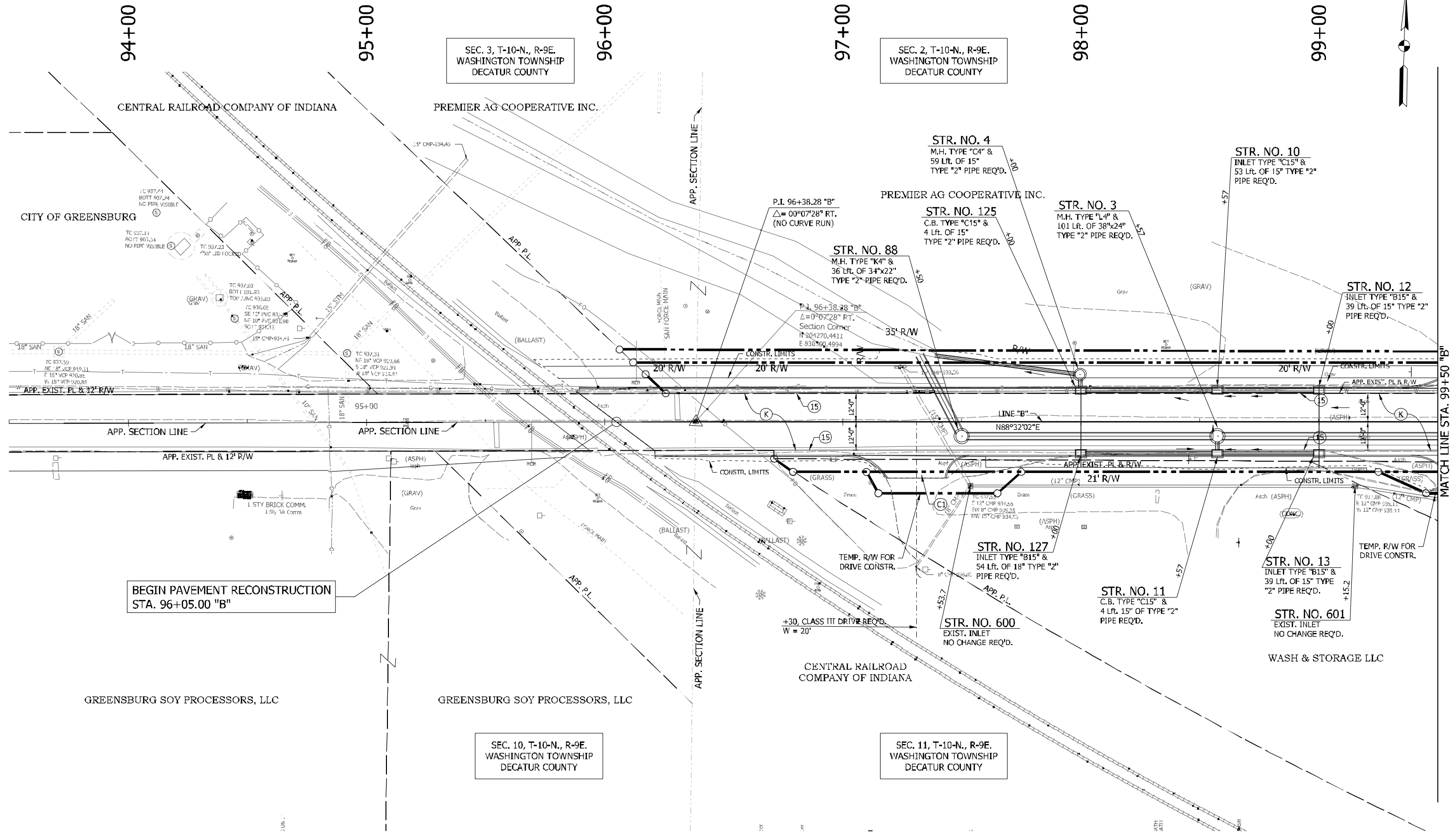
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "B"**

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1800255
SURVEY BOOK	SHEETS
CONTRACT R-41463	44 of 119 PROJECT 1800256



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=30'		BRIDGE FILE	
DESIGNED: DC		DRAWN: JEC		PLAN & PROFILE LINE "PR-1"		VERTICAL SCALE 1"=10'		DESIGNATION 1800255	
CHECKED: LDW		CHECKED: WRC				SURVEY BOOK		SHEETS 45 of 119	
						CONTRACT R-41463		PROJECT 1800256	



**BEGIN PAVEMENT RECONSTRUCTION
STA. 96+05.00 "B"**

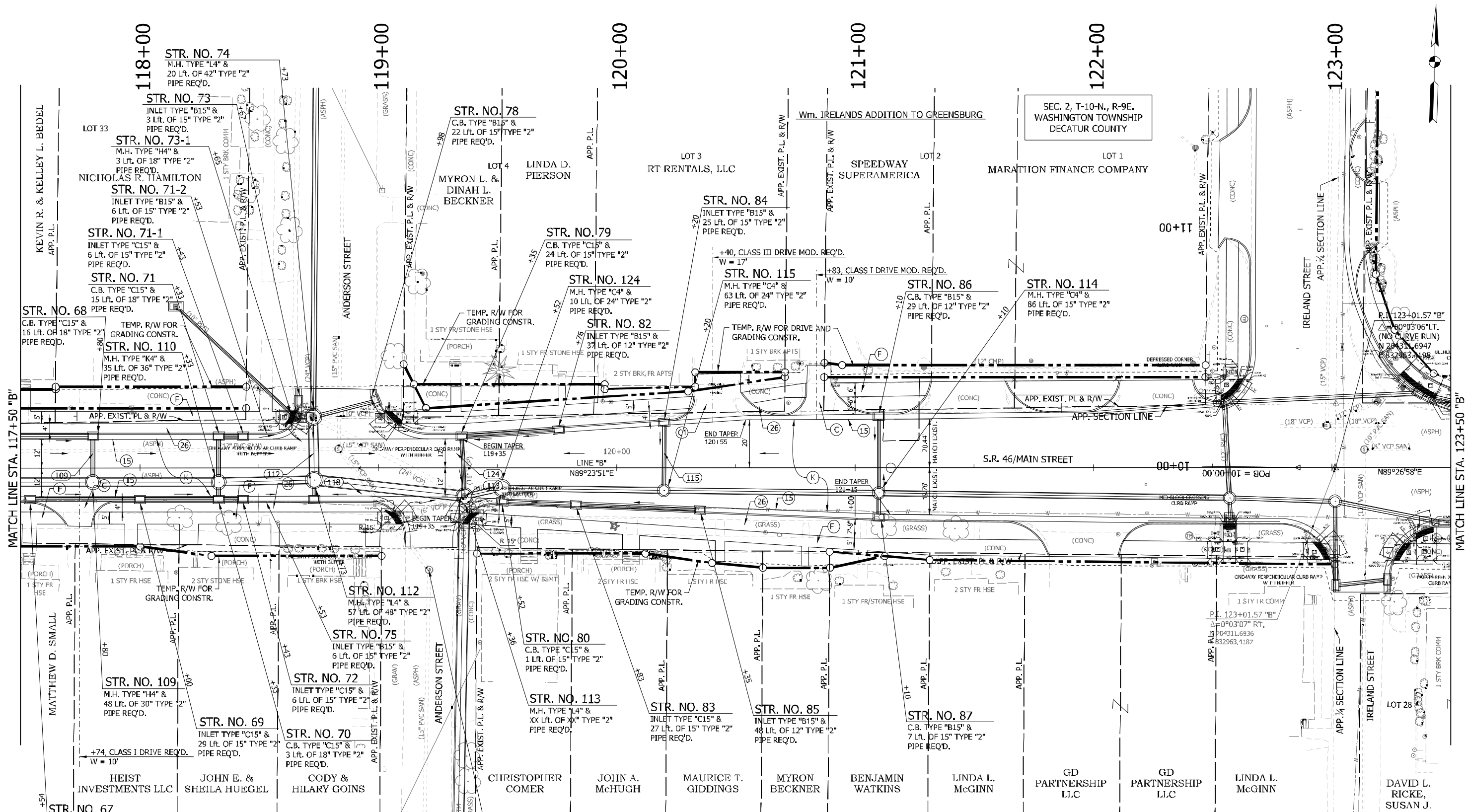
NOTES:
1. SEE PLAN & PROFILES FOR LINE "B" ALIGNMENT DATA.

LEGEND (K) 165 LB/SYS QC/QA HMA 3,70 SURFACE 9.5 MM ON 275 LB/SYS QC/QA HMA 3,70 INTERMEDIATE 19 MM ON 550 LB/SYS QC/QA HMA 3,64 BASE 25 MM ON 300 LB/SYS QC/QA HMA 4,76 INTERMEDIATE OG 19 MM ON 4 IN. COMPACTED AGGREGATE NO. 53 ON SUBGRADE TREATMENT TYPE IBC	(C) 6 IN. PCCP FOR DRIVEWAYS (C1) 9 IN. PCCP FOR DRIVEWAYS (F) CONCRETE SIDEWALK, 4" (13) CONCRETE CURB	(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER (26) SODDING, NURSERY (XX) STRUCTURE NUMBER - SEE STRUCTURE NOTES ON THIS SHEET FOR MORE INFORMATION
--	--	---

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: DC	DRAWN: JEC	
CHECKED: WRC	CHECKED: WRC	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL	

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800255
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41463	1800256



SEC. 11, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

STR. NO. 613
EXISTING SANITARY MANHOLE
ADJUST CASTING TO GRADE

STRUCTURE NOTES

117+80, STR. NO. 109 - M.H. TYPE "H4" & 53 LF. OF 30" TYPE "2" PIPE REQ'D.
 118+73, STR. NO. 112 - M.H. TYPE "M4" & 60 LF. OF 48" TYPE "2" PIPE REQ'D.
 118+93, STR. NO. 118 - INLET TYPE "B15" & 16 LF. OF 15" TYPE "2" PIPE REQ'D.
 119+33, STR. NO. 124 - M.H. TYPE "M4" & 12 LF. OF 48" TYPE "2" PIPE REQ'D.
 119+36, STR. NO. 113 - M.H. TYPE "M4" REQ'D., CONNECT EXIST. 48" PIPE
 120+20, STR. NO. 115 - M.H. TYPE "C4" & 82 LF. OF 24" TYPE "2" PIPE REQ'D.

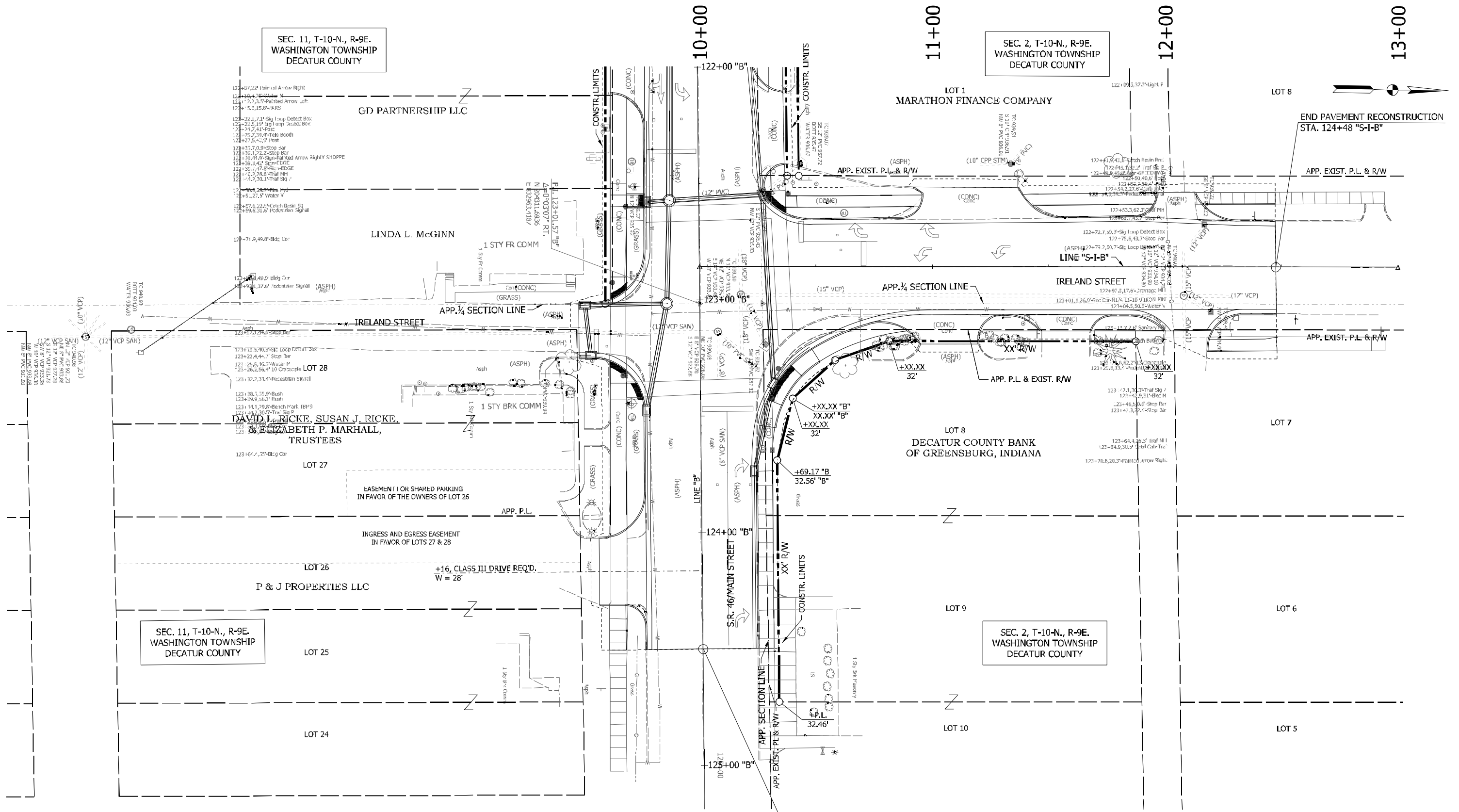
NOTES:
 1. SEE PLAN & PROFILES FOR LINE "B" ALIGNMENT DATA.

LEGEND		
(K)	165 LB/SYS QC/QA HMA 3,70 SURFACE 9.5 MM ON 275 LB/SYS QC/QA HMA 3,70 INTERMEDIATE 19 MM ON 550 LB/SYS QC/QA HMA 3,64 BASE 25 MM ON 300 LB/SYS QC/QA HMA 4,76 INTERMEDIATE OG 19 MM ON 4 IN. COMPACTED AGGREGATE NO. 53 ON SUBGRADE TREATMENT TYPE IBC	
(C)	6 IN. PCCP FOR DRIVEWAYS	(15)
(C1)	9 IN. PCCP FOR DRIVEWAYS	(26)
(F)	CONCRETE SIDEWALK, 4"	(XX)
(13)	CONCRETE CURB	

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: DC	DRAWN: JEC			
CHECKED: WRC	CHECKED: WRC			

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL	

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1800255
SURVEY BOOK	SHEETS
	50 of 119
CONTRACT	PROJECT
R-41463	1800256



SEC. 11, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

SEC. 2, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

SEC. 11, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

SEC. 2, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

NOTES:
1. SEE PLAN & PROFILES FOR LINE "B" & LINE "S-I-B" ALIGNMENT DATA.

LEGEND

(K) 165 LB/SYS QC/QA HMA 3,70 SURFACE 9.5 MM ON	(C) 6 IN. PCCP FOR DRIVEWAYS	(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER
275 LB/SYS QC/QA HMA 3,70 INTERMEDIATE 19 MM ON	(C1) 9 IN. PCCP FOR DRIVEWAYS	(26) SODDING, NURSERY
550 LB/SYS QC/QA HMA 3,64 BASE 25 MM ON	(F) CONCRETE SIDEWALK, 4"	(XX) STRUCTURE NUMBER - SEE STRUCTURE NOTES
300 LB/SYS QC/QA HMA 4,76 INTERMEDIATE OG 19 MM ON	(13) CONCRETE CURB	ON THIS SHEET FOR MORE INFORMATION
4 IN. COMPACTED AGGRAGATE NO. 53 ON		
SUBGRADE TREATMENT TYPE 1BC		

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: DC _____	DRAWN: JEC _____	
CHECKED: WRC _____	CHECKED: WRC _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N.A.	1800255
SURVEY BOOK	S.I. CTS
	51 of 119
CONTRACT	PROJECT
R-41463	1800256

PROJECT	DESIGNATION
1800256	1800256
CONTRACT	BRIDGE FILE
R-41463	.

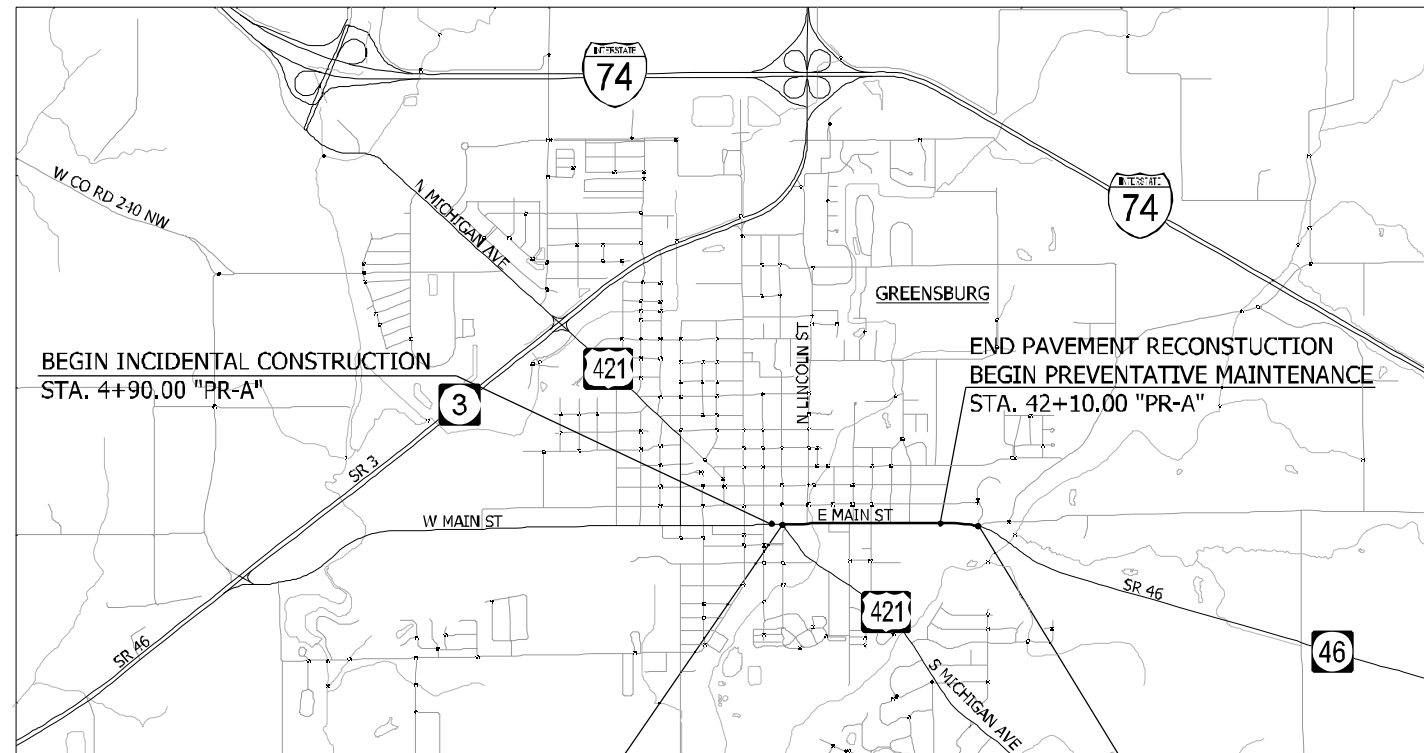
INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

ROUTE: SR 46 FROM: RP 119+00 TO: RP 119+78
 PROJECT NO. 1800256 P.E.
 1800256 R/W
 1800256 CONST.

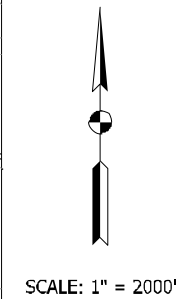
PAVEMENT RECONSTRUCTION & PREVENTATIVE MAINTENANCE ON SR 46 STARTING AT THE EAST JUNCTION OF SR 46 AND US 421 TO 0.80 MILES EAST OF JUNCTION, IN SECTIONS 1, 2, 11 AND 12, T-10N. R-9E, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA.



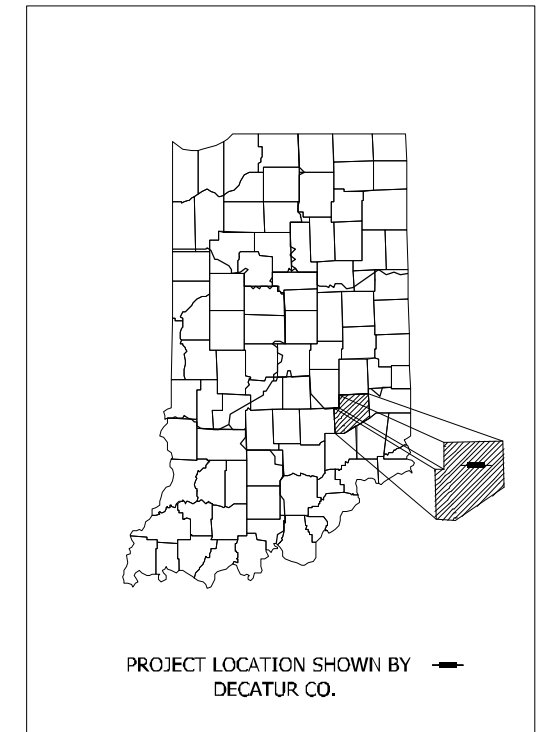
BEGIN PROJECT NO. 1800256
 BEGIN PAVEMENT RECONSTRUCTION
 STA. 6+15.00 "PR-A"

LOCATION MAP

END PROJECT NO. 1800256
 END PREVENTATIVE MAINTENANCE
 STA. 47+00.00 "PR-A"



TRAFFIC DATA		STATE ROAD 46	
A.A.D.T. (2023)	11310	V.P.D.	
A.A.D.T. (2043)	14120	V.P.D.	
D.H.V. (2043)	1271	V.P.H.	
DIRECTIONAL DISTRIBUTION		50 %	
TRUCKS		2.0 % A.A.D.T. 2.0 % D.H.V.	
DESIGN DATA		STA. 6+15 "A" TO STA. 42+10 "A"	
DESIGN SPEED	30	M.P.H.	
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON FREEWAY)		
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL		
RURAL/URBAN	URBAN (INTERMEDIATE)		
TERRAIN	LEVEL		
ACCESS CONTROL	NONE		
DESIGN DATA		STA. 42-10 "A" TO STA. 47+00 "A"	
DESIGN SPEED	45	M.P.H.	
PROJECT DESIGN CRITERIA	PARTIAL 3R (NON-FREEWAY)		
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL		
RURAL/URBAN	RURAL		
TERRAIN	LEVEL		
ACCESS CONTROL	NONE		



LATITUDE: 39° 20' 11" N LONGITUDE: 85° 28' 29" W

BRIDGE LENGTH:	N/A	MI.
ROADWAY LENGTH:	0.77	MI.
TOTAL LENGTH:	0.77	MI.
MAX. GRADE:	6.70	%

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



Michael Baker International, Inc.
 3815 River Crossing Parkway, Suite 120
 Indianapolis, IN 46240
 Tel: 317-663-8430 Fax: 317-663-8410
 www.mbakintl.com

PLANS PREPARED BY:	Michael Baker International, Inc.	317-663-8430 PHONE NUMBER
CERTIFIED BY:		DATE
RECOMMENDED FOR LETTING:		DATE

INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE	
DESIGNATION	
1800256	
SURVEY BOOK	SHEETS
	1 of 128
CONTRACT	PROJECT
R-41463	1800256

UTILITIES

COMCAST CABLE COMMUNICATIONS
WILL MORRIS
CABLE TV
997 COUNTY LINE RD
GREENWOOD, IN 46143
317-275-6443
william_morris@comcast.com

DECATUR COUNTY REMC
BRIAN KEITH
ELECTRIC
1430 W MAIN STREET
GREENSBURG, IN 47240
812-663-8572
bkeith@dcrcmc.com

DECATUR COUNTY REMC
JAMIE GOODCHILD
WATER
OPERATIONS MANAGER
208 W MAIN, SUITE #3
GREENSBURG, IN 47240
812-663-3119
dcrw@etczone.com

DECATUR COUNTY RURAL WATER
DOREEN G. GRAVES
WATER
GENERAL MANAGER
3455 OLD N US HWY 421
GREENSBURG, IN 47240
812-663-3119
dcrw.generalmanager@gmail.com

DUKE ENERGY INC.
CINDY ROWLAND
ELECTRIC
SR ENGINEERING TECHNOLOGIST
317-776-5341
Cindy.rowland@duke-energy.com

ENHANCED NETWORK SOLUTIONS CORP
DUSTIN NOBBE
COMMUNICATIONS
PROJECT MANAGER
123 NIEMAN STREET
SUNMAN, IN 47041
812-623-4432
dnobbe@etc1.net

ZAYO BANDWITH
JOSHUA HOFFMAN
COMMUNICATION
9209 CASTLEGATE DR
INDIANAPOLIS, IN 46256
765-341-1199
joshua.huffman@zayo.com

LEVEL 3 COMMUNICATIONS
XAN MARIE RYPKEMA
COMMUNICATIONS
BUSINESS ANALYST, O SP RELOCATIONS
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
720-888-1089
xan.rypkema@level3.com

CENTURYLINK INC.
JOHN UNVERFERTH
COMMUNICATIONS
419-226-6342
John.C.Unverferth@centurylink.com

SPRINT
STEVE HUGHES
COMMUNICATIONS
OSP ENGINEER
11370 ENTERPRISE PARK DR.
SHARONVILLE, OH 45241
513-459-5796
steven.hughes@sprint.com

VECTREN
PUBLIC PROJECT
ELECTRIC/GAS
PUBLIC IMPROVEMENT PROJECT COORDINATOR
16000 ALLISONVILLE RD
NOBLESVILLE, IN 46061
812-491-4765
publicproject@vectren.com

FRONTIER COMMUNICATIONS
JOE SARLL
COMMUNICATIONS
DIRECTOR OF OSP ENGINEERING-IN/MI
8001 WEST JEFFERSON BLVD
FORTWAYNE, IN 46804
260-461-3324
utilitycordreq@ftr.com

GREENSBURG MUNICIPAL WATER & WASTEWATER
RON MAY
SANITARY SEWER/WATER
CITY ENGINEER
314 WASHINGTON STREET
GREENSBURG, IN 46240
812-663-3344
rmay@greensburg.in.gov

GENERAL NOTES

**	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.
	THE EXISTING ASPHALT PAVEMENT LOCATED OUTSIDE THE CONSTRUCTION LIMITS, BETWEEN STA. _____ AND _____, 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.
	ALL LIMITED ACCESS RIGHT-OF-WAY (L.A. R/W) IS TO BE FENCED WITH CHAIN LINK TYPE FENCE (CLTF) OR FARM FIELD TYPE FENCE (FFTF) WHERE SPECIFIED IN THE PLANS.

** REPRESENTS GENERAL NOTES REQUIRED

REVISIONS

SHEET NO.	DATE	REVISED

INDEX

SHEET NO.	DRAWINGS INDEX
1	TITLE
2	INDEX AND GENERAL NOTES
3-4	TYPICAL CROSS SECTIONS
5-6	GEOMETRIC TIE-UP DETAILS
7-10	PLAT NO. 1
11	SURVEY REFERENCE TIES
12-40	MAINTENANCE OF TRAFFIC
41-45	PLAN AND PROFILES
46	SUPERELEVATION DIAGRAM
47-54	CONSTRUCTION DETAILS
55-60	CURB RAMP DETAILS
61	TRAFFIC SIGNAL MODERNIZATION - SR46 & US421 (E. JCT)
62	TRAFFIC SIGNAL MODERNIZATION - SR46 (MAIN ST) & LINCOLN ST.
63-71	LIGHTING DETAILS
72-79	PAVEMENT MARKINGS AND SIGNING DETAILS
80-82	STRUCTURE DATA TABLES
83	EROSION CONTROL TABLE
84-85	ROADWAY TABLES
86-128	CROSS SECTIONS - LINE "PR-A"

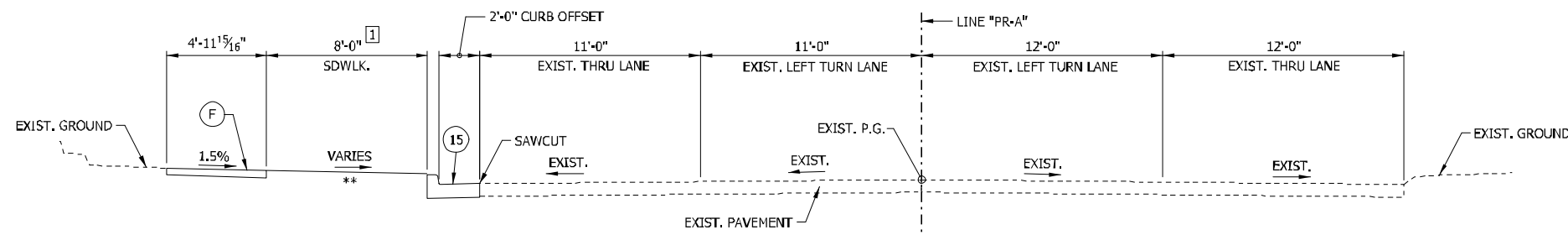
FILES

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ AGO _____	DRAWN: _____ BG _____	
CHECKED: _____ WRC _____	CHECKED: _____ AGO _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX SHEET

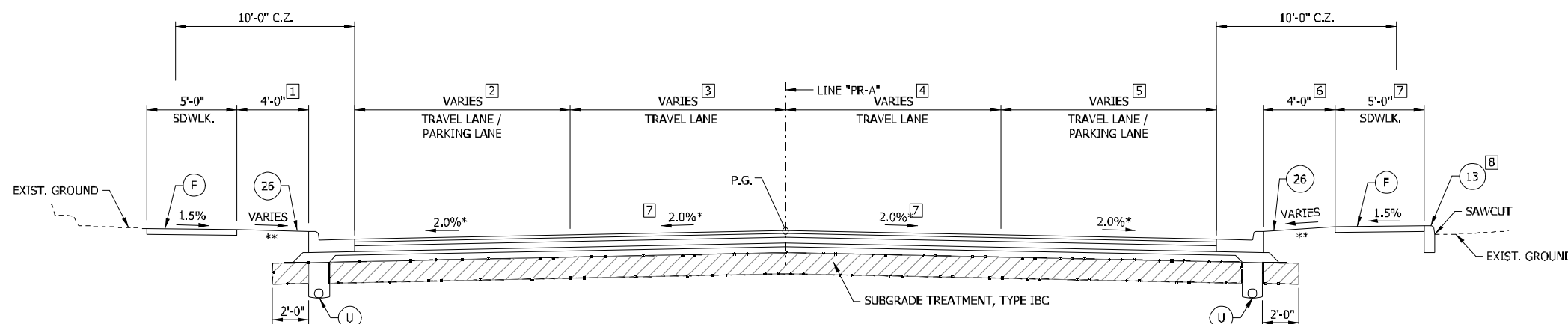
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N/A	
VERTICAL SCALE	DESIGNATION
N/A	1800256
SURVEY BOOK	SHEETS
	2 of 128
CONTRACT	PROJECT
R-41463	1800256



1 VARIES FROM 8' @ STA. 4+90.00 "PR-A" TO 8.5' @ STA. 6+15.00 "PR-A"

TYPICAL SECTION IN INCIDENTAL CONSTRUCTION
STA. 4+90.00 TO STA. 6+15.00 "PR-A"

** SEE CROSS SECTIONS



** SEE CROSS SECTIONS

* FROM BEGIN PROJECT TO LINCOLN ST INTERSECTION, LT. AND RT. CROSS SLOPES WILL VARY BETWEEN -1.5% AND -3.0% IN ORDER TO MATCH EXISTING GROUND ON THE RT. SIDE OF ROADWAY. SEE CROSS SLOPE TRANSITION SHEET FOR MORE DETAILS. (TO BE ADDED IN STAGE 2 PLANS.)

TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
STA. 6+15.00 TO STA. 37+76.00 "PR-A"

- 1 VARIES FROM 8.5' @ STA. 6+15.00 TO 9.3' @ STA. 8+24.75
VARIES FROM 9.3' @ STA. 8+24.75 TO 4' @ STA. 9+08.25
4' FROM STA. 9+08.25 TO STA. 14+86.19
VARIES FROM 4' @ STA. 14+86.19 TO 12' @ STA. 14+98.41
12' FROM STA. 14+98.41 TO STA. 15+09.36 (PEDESTRIAN BUMP OUT)
VARIES FROM 12' @ STA. 15+09.36 TO 4' @ STA. 15+64.03
4' FROM STA. 15+64.03 TO STA. 37+76.00
- 2 11' FROM STA. 6+15.00 TO STA. 8+24.75
VARIES FROM 11' @ STA. 8+24.75 TO 12' @ STA. 9+08.25
VARIES FROM 12' @ STA. 12+87.27 TO 8' @ STA. 13+63.64
8' FROM STA. 13+63.64 TO STA. 14+86.19
VARIES FROM 8' @ STA. 14+86.19 TO 0' @ STA. 14+98.41
0' FROM STA. 14+98.41 TO STA. 15+09.36
VARIES FROM 0' @ STA. 15+09.36 TO 8' @ STA. 15+64.03
8' FROM STA. 15+64.03 TO STA. 23+02.61
VARIES FROM 8' @ STA. 23+02.61 TO 7' @ STA. 23+61.33
7' FROM STA. 23+61.33 TO STA. 37+76.00
- 3 11' FROM STA. 6+15.00 TO STA. 8+24.75
VARIES FROM 11' @ STA. 8+24.75 TO 12' @ STA. 9+08.25
12' FROM STA. 9+08.25 TO STA. 23+02.61
VARIES FROM 12' @ STA. 23+02.61 TO 11' @ STA. 23+61.33
11' FROM STA. 23+61.33 TO STA. 37+76.00

- 4 VARIES FROM 12' @ STA. 23+02.61 TO 11' @ STA. 23+61.33
11' FROM STA. 23+61.33 TO STA. 37+76.00
- 5 VARIES FROM 12' @ STA. 12+79.56 TO 8' @ STA. 13+58.51
8' FROM STA. 13+58.51 TO STA. 14+86.39
VARIES FROM 8' @ STA. 14+86.39 TO 0' @ STA. 14+98.45
0' FROM STA. 14+98.45 TO STA. 15+14.36
VARIES FROM 0' @ STA. 15+14.36 TO 8' @ STA. 15+45.27
8' FROM STA. 15+45.27 TO STA. 23+02.61
VARIES FROM 8' @ STA. 23+02.61 TO 7' @ STA. 23+61.33
7' FROM STA. 23+61.33 TO STA. 37+76.00
- 6 4' FROM STA. 6+15.00 TO STA. 8+66.00
FROM STA. 8+66.00 TO STA. 11+32 WIDTH VARIES TO MATCH EXISTING WALL (SEE CONSTRUCTION DETAILS)
4' FROM STA. 11+32.00 TO STA. 14+86.39
VARIES FROM 4' @ STA. 14+86.39 TO 12' @ STA. 14+98.45
12' FROM STA. 14+98.45 TO STA. 15+14.36 (PEDESTRIAN BUMP OUT)
VARIES FROM 12' @ STA. 15+14.36 TO 4' @ STA. 15+45.27
4' FROM STA. 15+45.27 TO STA. 33+80.55
0' FROM STA. 33+80.55 TO STA. 37+76.00
- 7 6' FROM STA. 33+80.55 TO STA. 37+76.00
- 8 CONC. CURB & SAWCUT REQ'D. FROM STA. 33+80.55 TO STA. 37+76.00

LEGEND

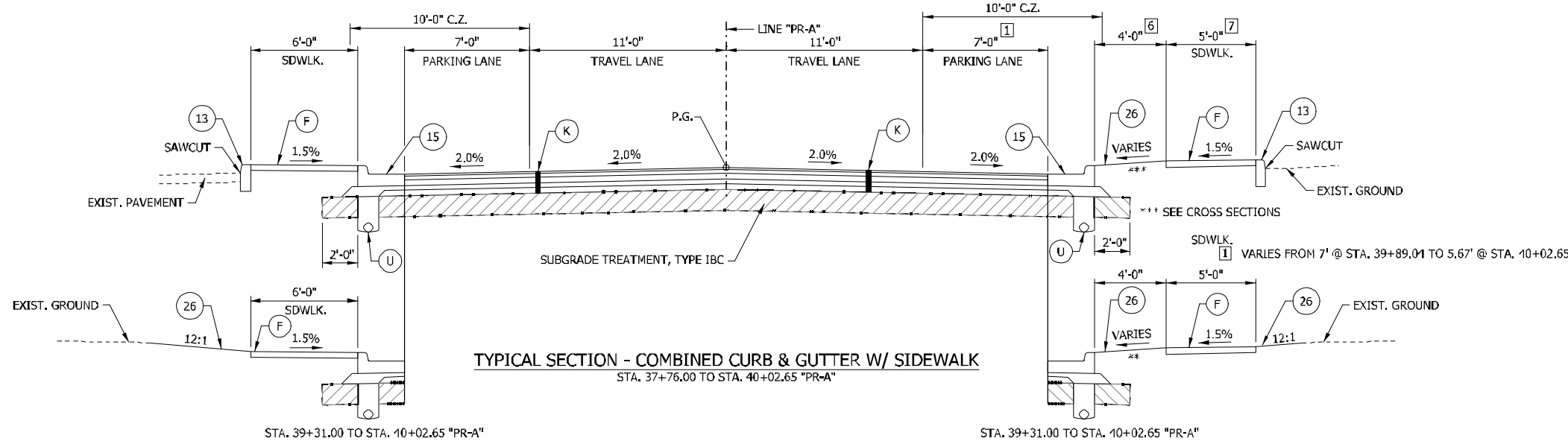
- (K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53 BASE
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 1 1/2 IN.
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (13) CONCRETE CURB
- (15) MODIFIED COMBINED CONCRETE CURB & GUTTER
- (26) SODDING, NURSERY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

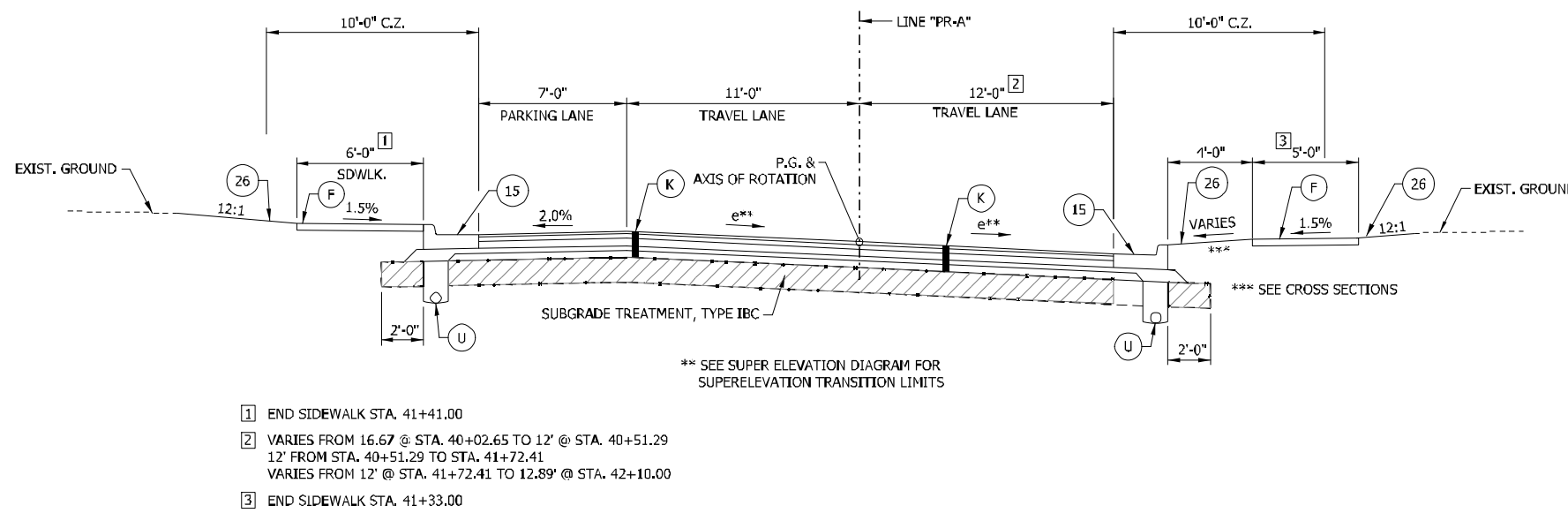
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1800256
SURVEY BOOK	SHEET
	3 of 128
CONTRACT	PROJECT
R-41463	1800256



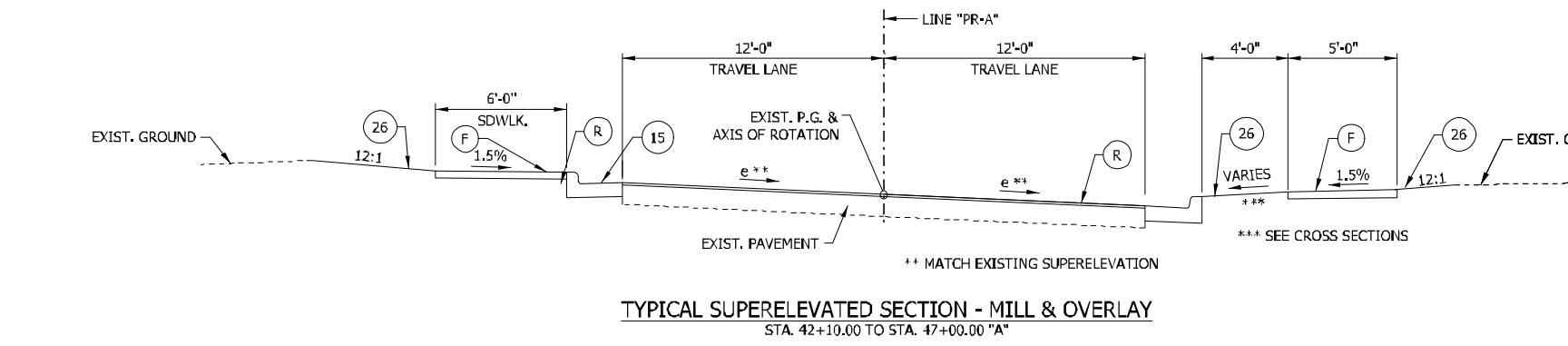
TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
STA. 37+76.00 TO STA. 40+02.65 "PR-A"



TYPICAL SUPERELEVATED SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
STA. 40+02.65 TO STA. 42+10.00 "PR-A" (S.E. = 4.5%)

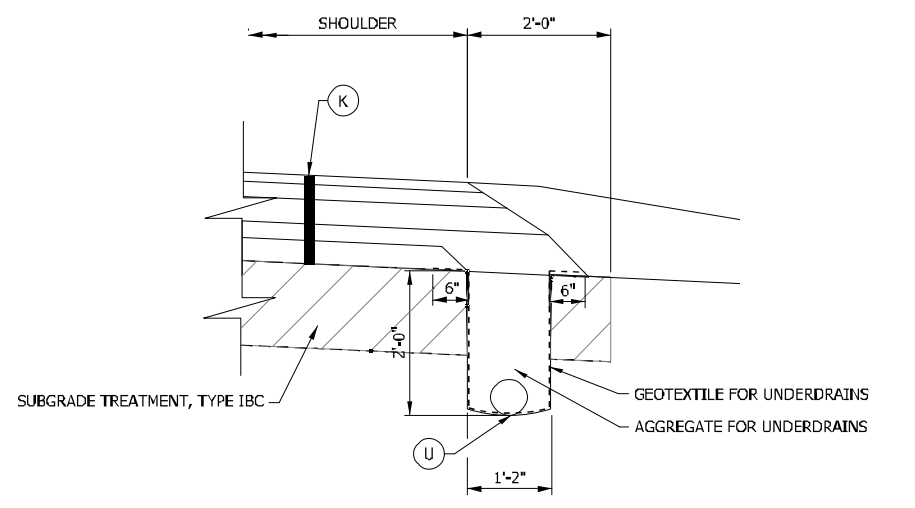
- 1 END SIDEWALK STA. 41+41.00
- 2 VARIES FROM 16.67' @ STA. 40+02.65 TO 12' @ STA. 40+51.29
12' FROM STA. 40+51.29 TO STA. 41+72.41
VARIES FROM 12' @ STA. 41+72.41 TO 12.89' @ STA. 42+10.00
- 3 END SIDEWALK STA. 41+33.00

** SEE SUPER ELEVATION DIAGRAM FOR SUPERELEVATION TRANSITION LIMITS

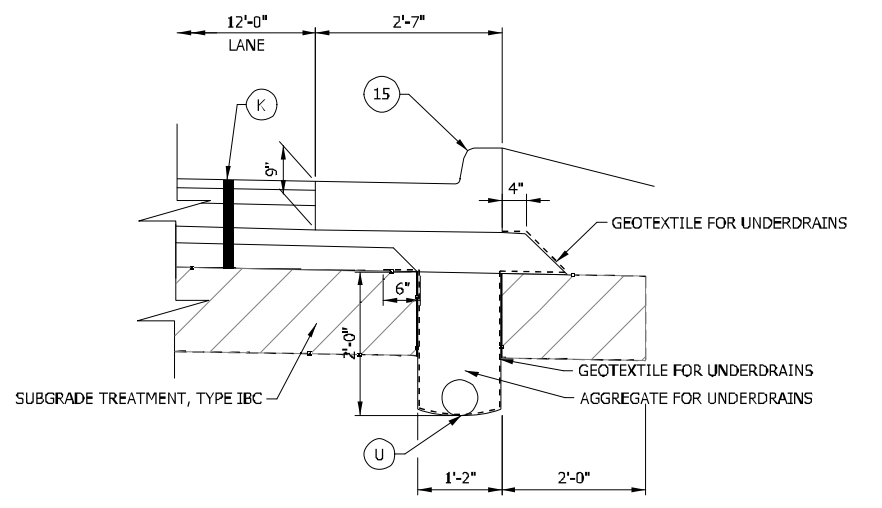


TYPICAL SUPERELEVATED SECTION - MILL & OVERLAY
STA. 42+10.00 TO STA. 47+00.00 "A"

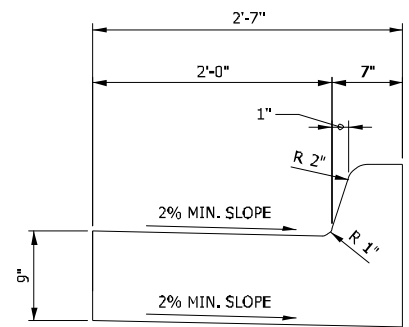
** MATCH EXISTING SUPERELEVATION



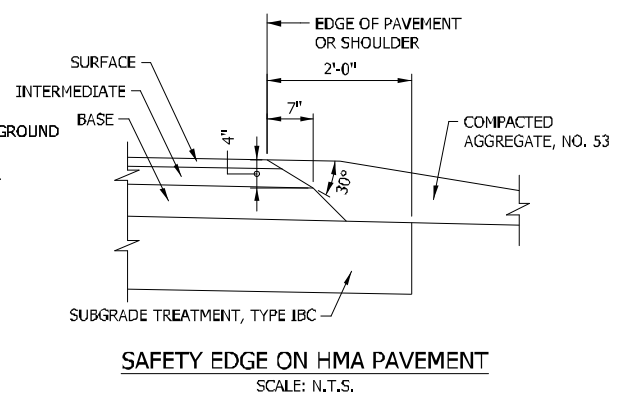
UNDERDRAIN DETAIL FOR HMA PAVEMENT
SCALE: N.T.S.



UNDERDRAIN DETAIL W/ MODIFIED COMBINED CURB & GUTTER
SCALE: N.T.S.



MODIFIED CONCRETE CURB AND GUTTER
SCALE: N.T.S.



SAFETY EDGE ON HMA PAVEMENT
SCALE: N.T.S.

LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9,5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON
300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53 BASE
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 1½ IN.
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9,5 MM
- (O) COMPACTED AGG. NO. 53
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (13) CONCRETE CURB
- (15) MODIFIED COMBINED CONCRETE CURB & GUTTER
- (26) SODDING, NURSERY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

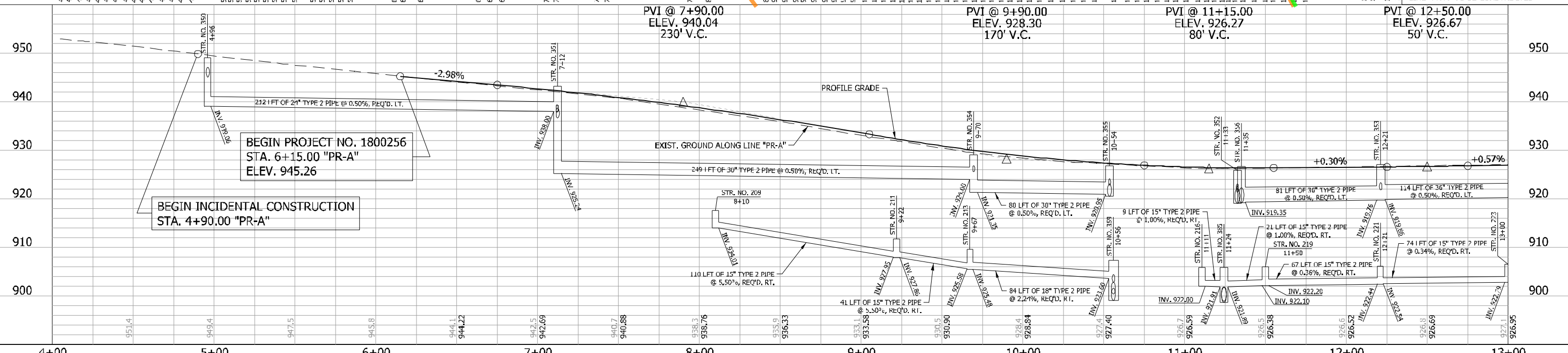
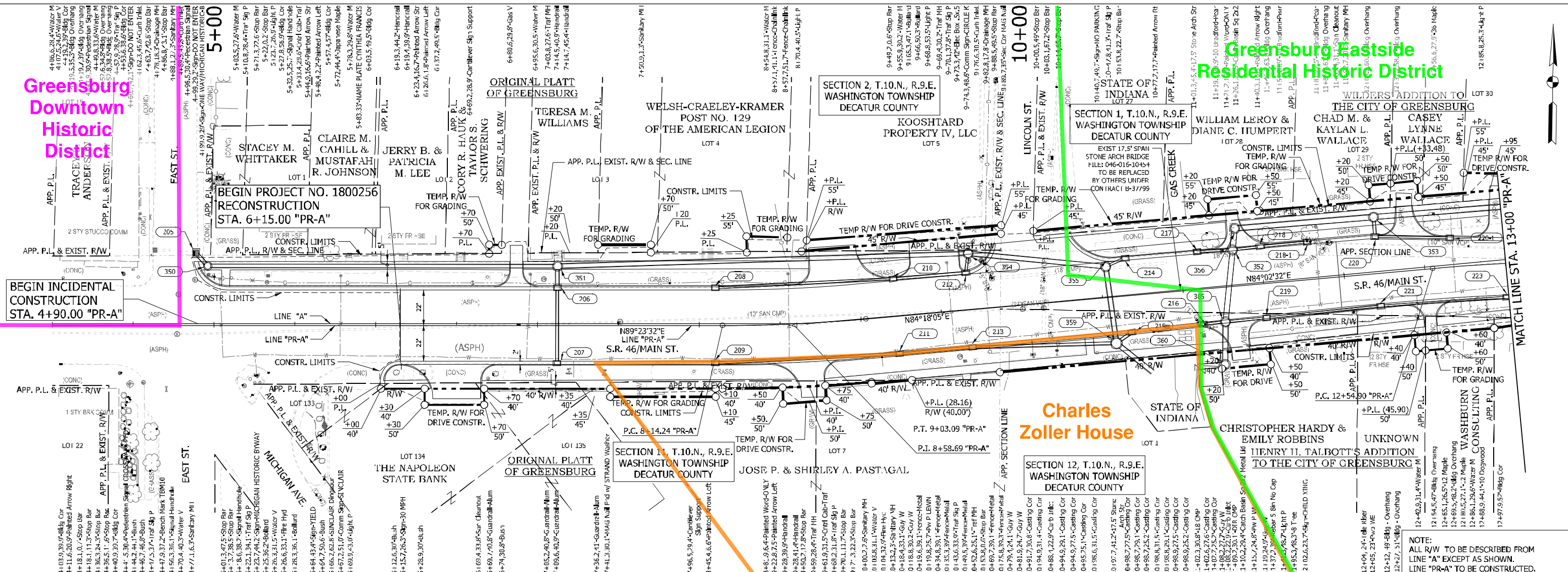
INDIANA
DEPARTMENT OF TRANSPORTATION

**TYPICAL CROSS SECTIONS
LINE "PR-A"**

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1800256
SURVEY BOOK	SICCTS
	4 of 128
CONTRACT	PROJECT
R-41463	1800256

Greensburg Downtown Historic District

Greensburg Eastside Residential Historic District



LEGEND

XXX STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES

NOTE:

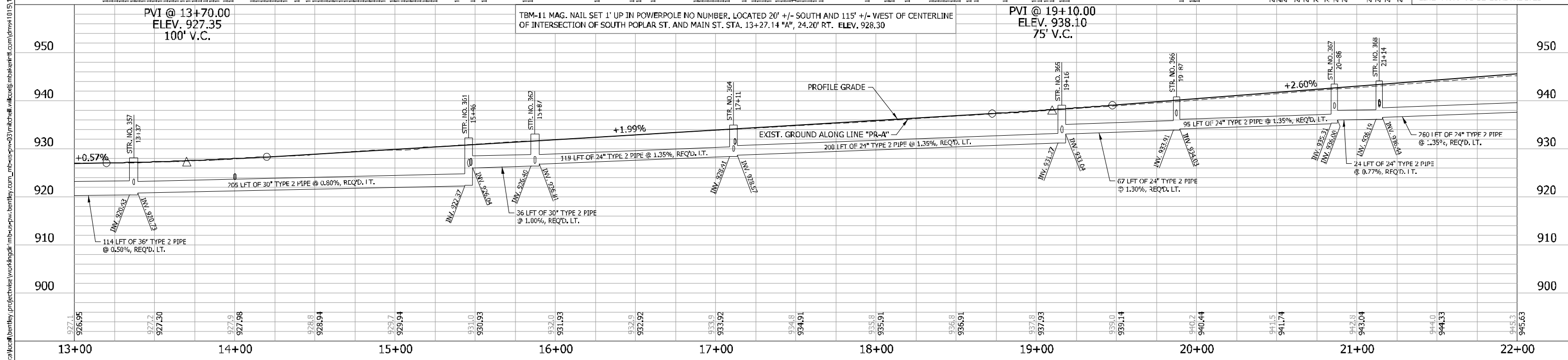
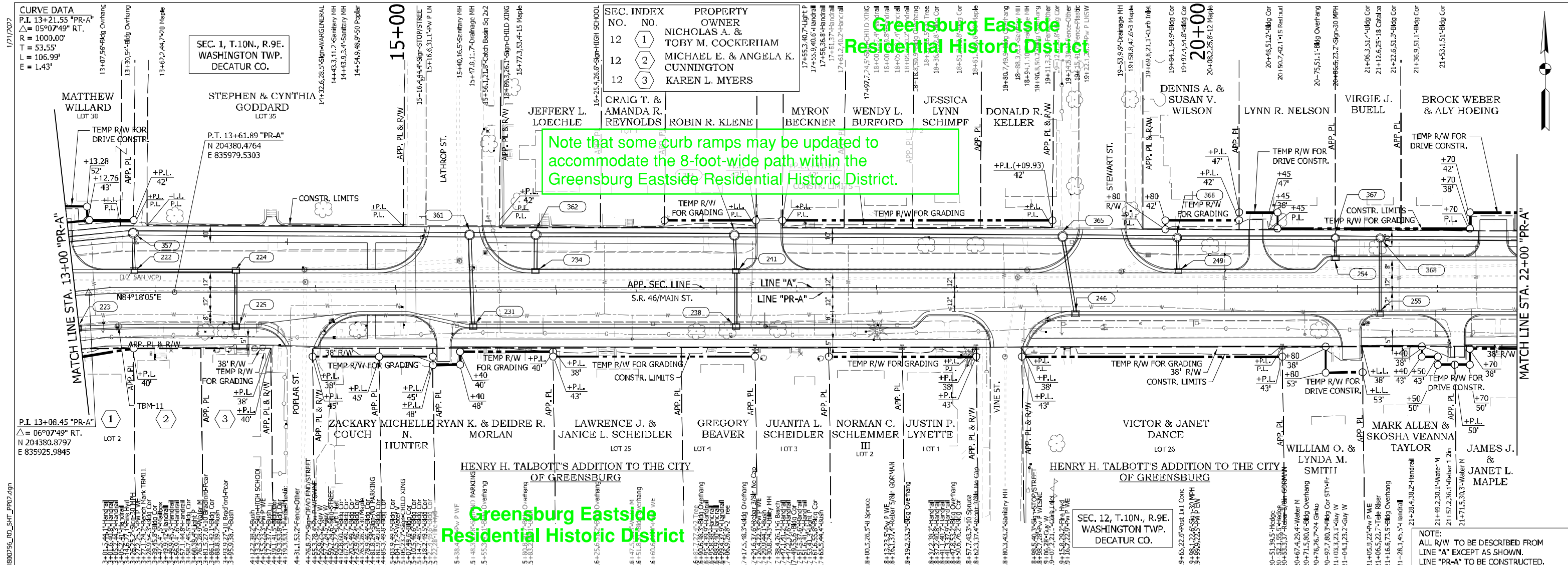
1. SEE GEOMETRIC TIE-UP DETAILS FOR ALL ALIGNMENT DATA.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: AGO	DRAWN: JEC			
CHECKED: WRC	CHECKED: JWIM			

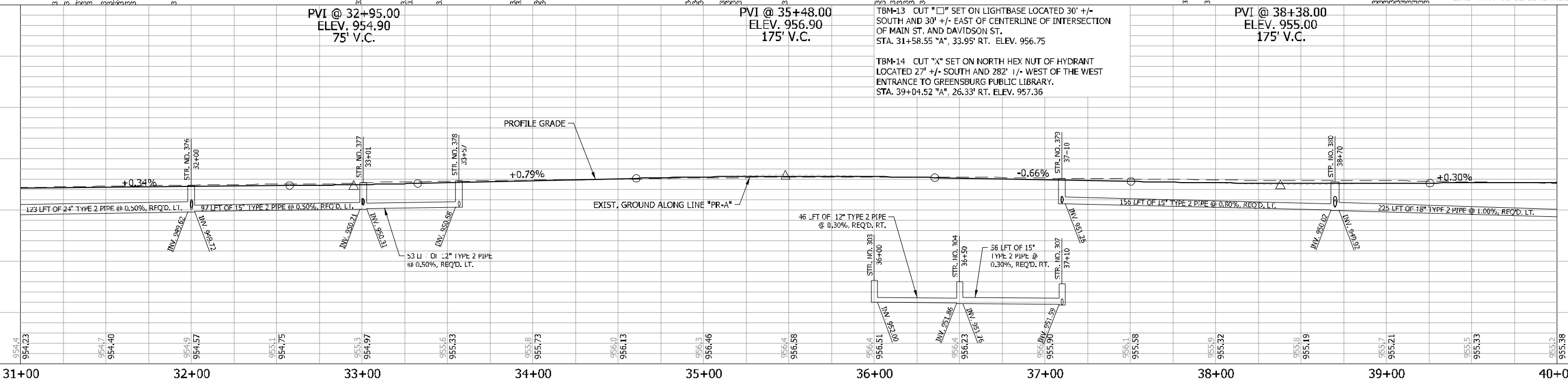
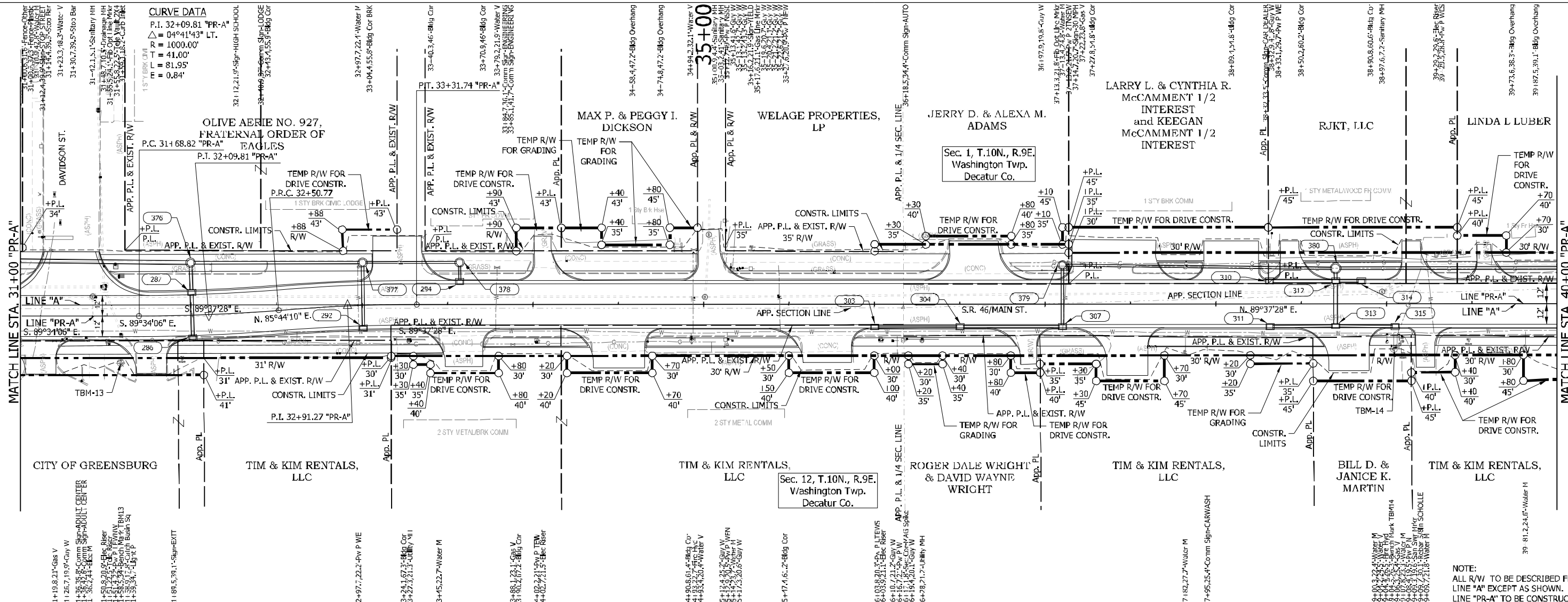
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "PR-A"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1800256
SURVEY BOOK	SHEETS
CONTRACT	41 of 128
R-41463	PROJECT
	1800256



LEGEND (XXX) STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES NOTE: 1. SEE GEOMETRIC TIE-UP DETAILS FOR ALL ALIGNMENT DATA.	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: AGO DRAWN: JEC CHECKED: WRC CHECKED: JWIM	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "PR-A"	HORIZONTAL SCALE 1"=30' BRIDGE FILE VERTICAL SCALE 1"=10' DESIGNATION 1800256 SURVEY BOOK _____ SHEETS 42 of 128 CONTRACT R-41463 PROJECT 1800256
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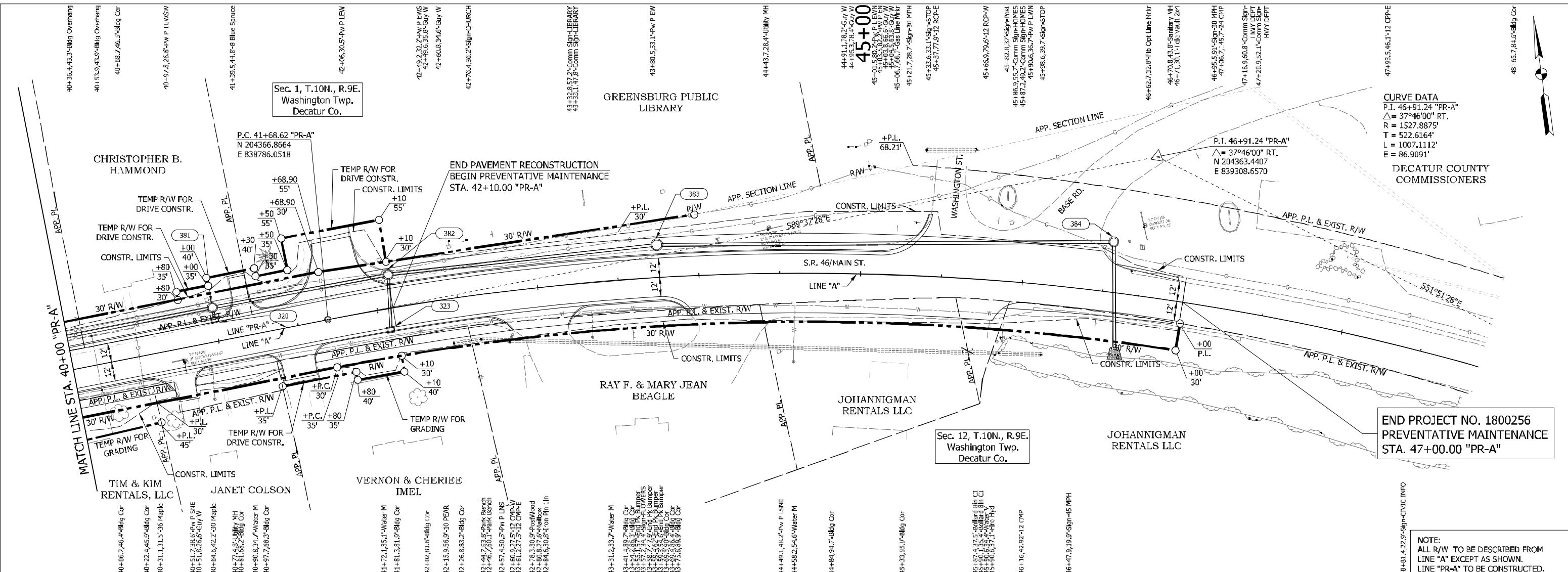
NOTE:
ALL R/W TO BE DESCRIBED FROM
LINE "A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.

LEGEND
 (XXX) STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES
NOTE:
 1. SEE GEOMETRIC TIE-UP DETAILS FOR ALL ALIGNMENT DATA.

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: AGO DRAWN: JEC
 CHECKED: WRC CHECKED: JWIM

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1800256
SURVEY BOOK	SHEET
	44 of 128
CONTRACT	PROJECT
R-41463	1800256

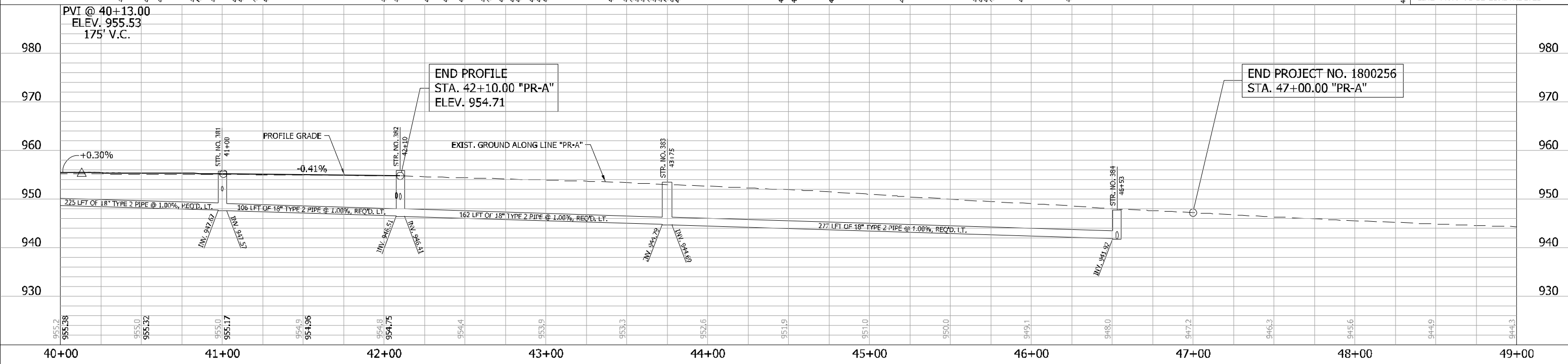


CURVE DATA
 P.I. 46+91.24 "PR-A"
 $\Delta = 37^\circ 46' 00"$ RT.
 $R = 1527.8875'$
 $T = 522.6164'$
 $L = 1007.1112'$
 $E = 86.9091'$

DECATUR COUNTY COMMISSIONERS

END PROJECT NO. 1800256
 PREVENTATIVE MAINTENANCE
 STA. 47+00.00 "PR-A"

NOTE:
 ALL R/W TO BE DESCRIBED FROM
 LINE "A" EXCEPT AS SHOWN.
 LINE "PR-A" TO BE CONSTRUCTED.



END PROJECT NO. 1800256
 STA. 47+00.00 "PR-A"

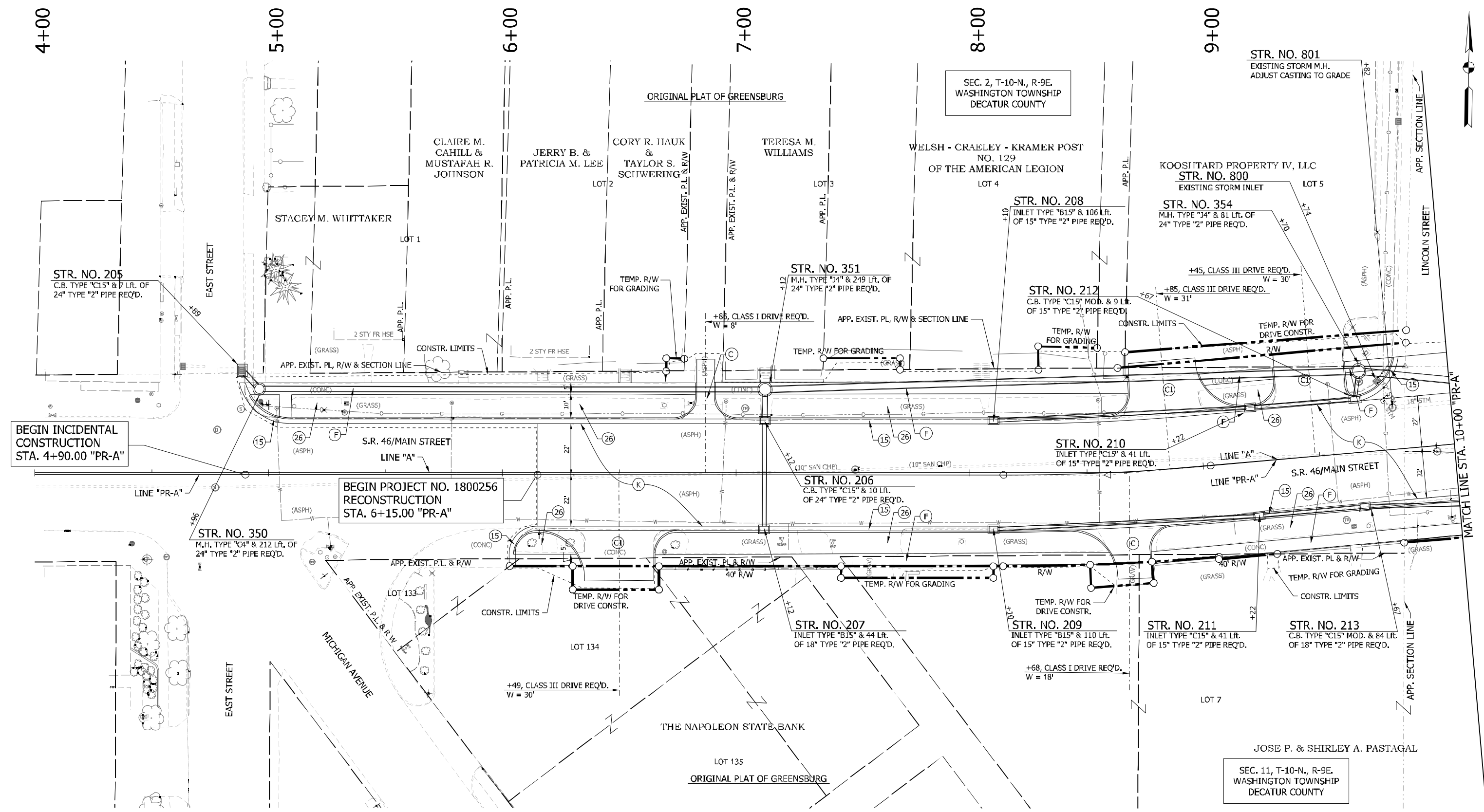
END PROFILE
 STA. 42+10.00 "PR-A"
 ELEV. 954.71

LEGEND
 XXXX STRUCTURE NUMBER - SEE CONSTRUCTION DETAILS FOR STRUCTURE NOTES
NOTE:
 1. SEE GEOMETRIC TIE-UP DETAILS FOR ALL ALIGNMENT DATA.

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: AGO DRAWN: JEC
 CHECKED: WRC CHECKED: JWIM

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

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1800256
SURVEY BOOK	SHEETS
	45 of 128
CONTRACT	PROJECT
R-41463	1800256



NOTES:
 1. SEE GEOMETRIC TIE-UP DETAILS FOR ALIGNMENT DATA.

LEGEND			
(K)	HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53 BASE	(C)	6 IN. PCCP FOR DRIVEWAYS
(C1)	9 IN. PCCP FOR DRIVEWAYS	(13)	CONCRETE CURB
(F)	CONCRETE SIDEWALK, 4"	(26)	SODDING, NURSERY
		(15)	MOD. COMBINED CONCRETE CURB & GUTTER
		XXX.XX	= PROPOSED ELEVATION
		(XXX.XX)	= EXISTING ELEVATION

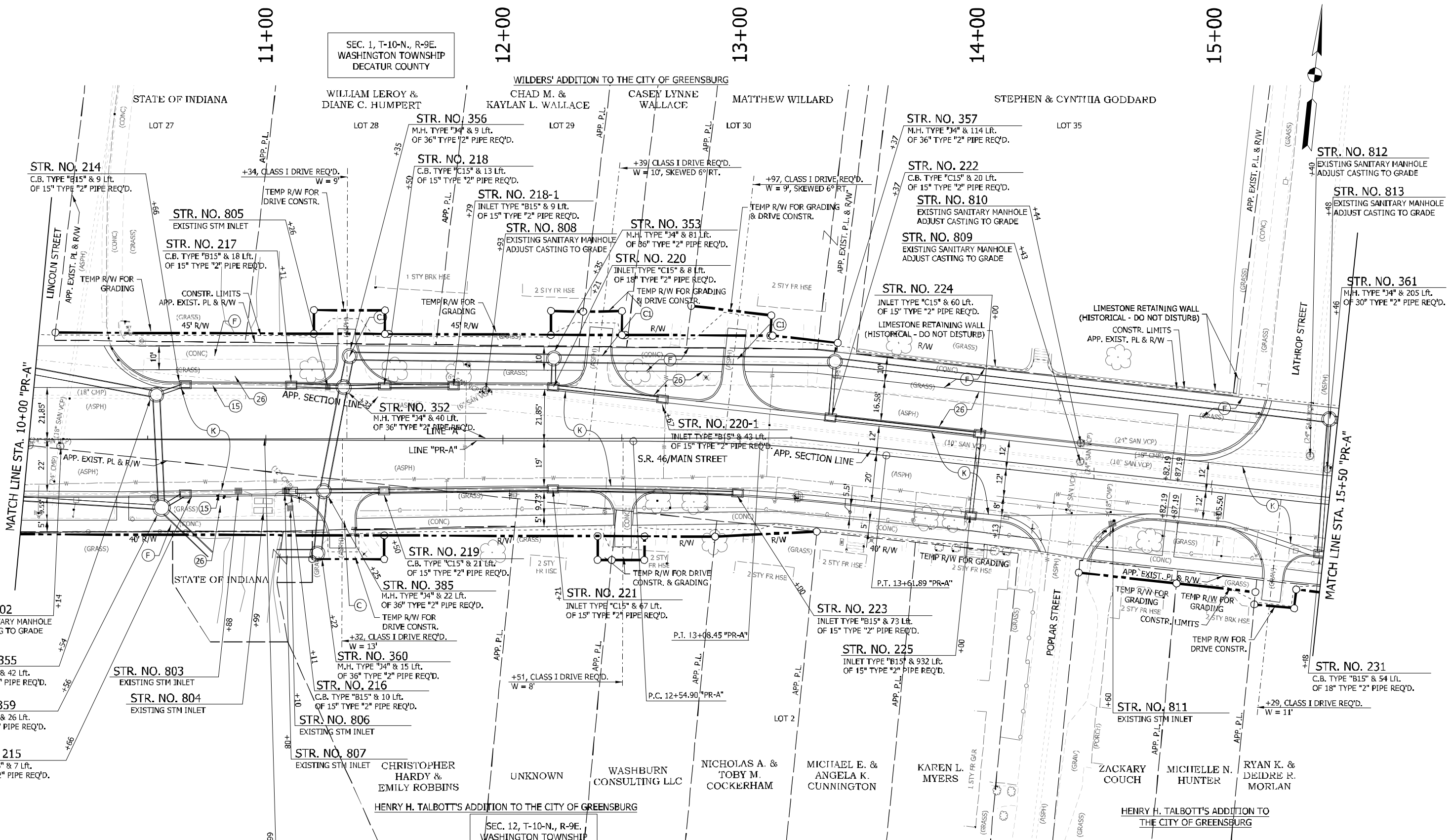
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1800256
SURVEY BOOK	SHEETS
	47 of 128
CONTRACT	PROJECT
R-41463	1800256

SEC. 1, T-10-N, R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY



SEC. 12, T-10-N, R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

- STR. NO. 802
EXISTING SANITARY MANHOLE
ADJUST CASTING TO GRADE
- STR. NO. 355
M.H. TYPE "J4" & 42 Lf.
OF 24" TYPE "2" PIPE REQ'D.
- STR. NO. 359
M.H. TYPE "K4" & 26 Lf.
OF 24" TYPE "2" PIPE REQ'D.
- STR. NO. 215
C.B. TYPE "B15" & 7 Lf.
OF 18" TYPE "2" PIPE REQ'D.
- STR. NO. 803
EXISTING STM INLET
- STR. NO. 804
EXISTING STM INLET
- STR. NO. 216
C.B. TYPE "B15" & 10 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 806
EXISTING STM INLET
- STR. NO. 807
EXISTING STM INLET
- STR. NO. 805
EXIST 17.5' SPAN STONE ARCH BRIDGE
FILE: 046-016-10454
TO BE REPLACED BY OTHERS
UNDER CONTRACT B-37799
- STR. NO. 385
M.H. TYPE "J4" & 22 Lf.
OF 36" TYPE "2" PIPE REQ'D.
- STR. NO. 219
C.B. TYPE "C15" & 21 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 221
INLET TYPE "C15" & 67 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 223
INLET TYPE "B15" & 73 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 225
INLET TYPE "B15" & 932 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 222
C.B. TYPE "C15" & 20 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 810
EXISTING SANITARY MANHOLE
ADJUST CASTING TO GRADE
- STR. NO. 809
EXISTING SANITARY MANHOLE
ADJUST CASTING TO GRADE
- STR. NO. 224
INLET TYPE "C15" & 60 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 220
INLET TYPE "C15" & 8 Lf.
OF 18" TYPE "2" PIPE REQ'D.
- STR. NO. 220-1
INLET TYPE "B15" & 43 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 218
C.B. TYPE "C15" & 13 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 218-1
INLET TYPE "B15" & 9 Lf.
OF 15" TYPE "2" PIPE REQ'D.
- STR. NO. 353
M.H. TYPE "J4" & 81 Lf.
OF 36" TYPE "2" PIPE REQ'D.
- STR. NO. 357
M.H. TYPE "J4" & 114 Lf.
OF 36" TYPE "2" PIPE REQ'D.
- STR. NO. 812
EXISTING SANITARY MANHOLE
ADJUST CASTING TO GRADE
- STR. NO. 813
EXISTING SANITARY MANHOLE
ADJUST CASTING TO GRADE
- STR. NO. 361
M.H. TYPE "J4" & 205 Lf.
OF 30" TYPE "2" PIPE REQ'D.

LEGEND

(K) HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53 BASE	(C) 6 IN. PCCP FOR DRIVEWAYS	(13) CONCRETE CURB	XXX.XX = PROPOSED ELEVATION
(CL) 9 IN. PCCP FOR DRIVEWAYS	(26) SODDING, NURSERY	(XXX.XX) = EXISTING ELEVATION	
(F) CONCRETE SIDEWALK, 4"	(15) MOD. COMBINED CONCRETE CURB & GUTTER		

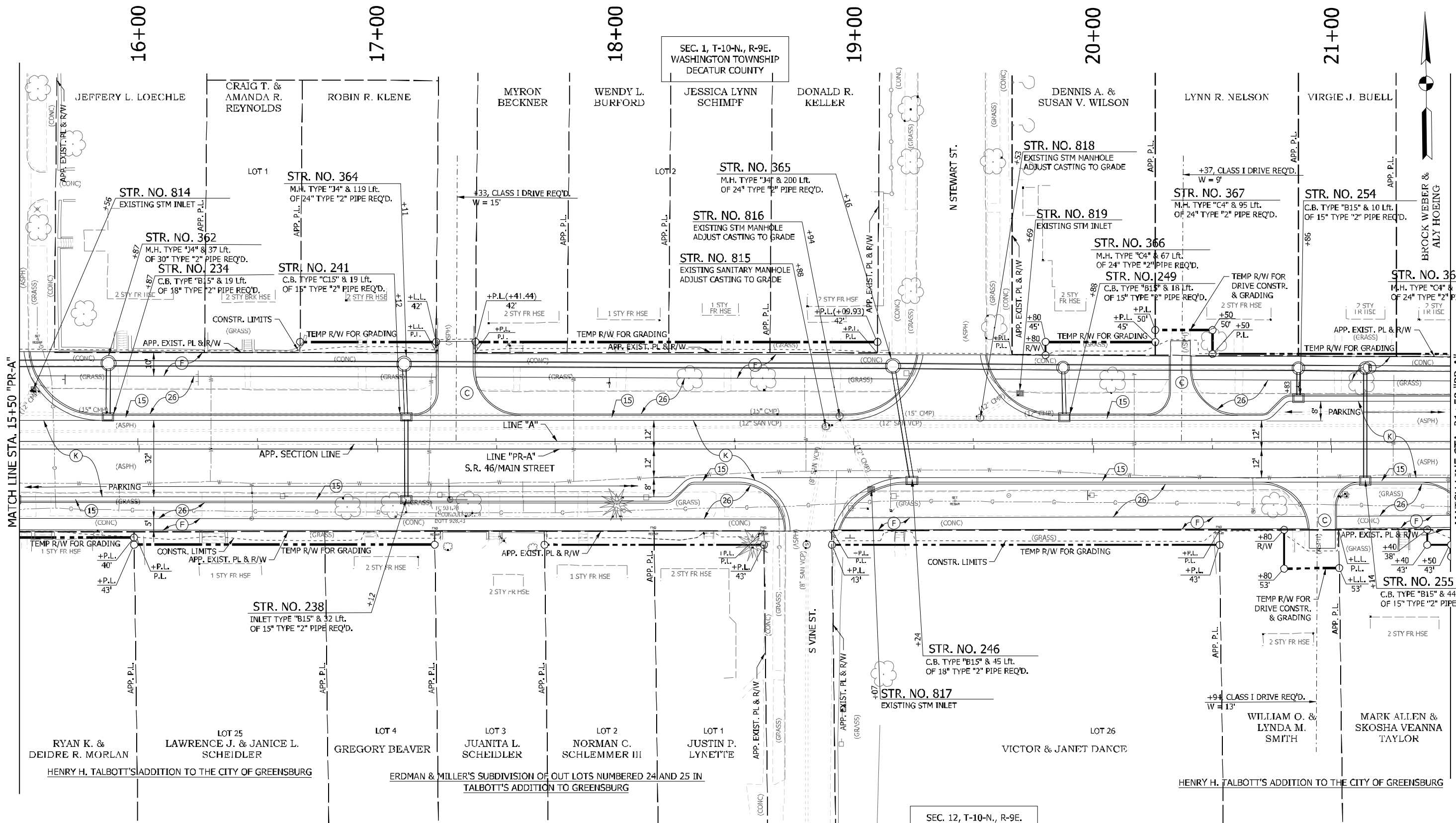
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

NOTES:
1. SEE GEOMETRIC TIE-UP DETAILS FOR ALIGNMENT DATA.

HORIZONTAL SCALE 1"=20'	BRIDGE FILE
VERTICAL SCALE 1"=20'	DESIGNATION 1800256
SURVEY BOOK	SHEET NO. 48 of 128
CONTRACT R-41463	PROJECT 1800256



SECTION 1, T-10-N., R-9E. WASHINGTON TOWNSHIP DECATUR COUNTY

SECTION 12, T-10-N., R-9E. WASHINGTON TOWNSHIP DECATUR COUNTY

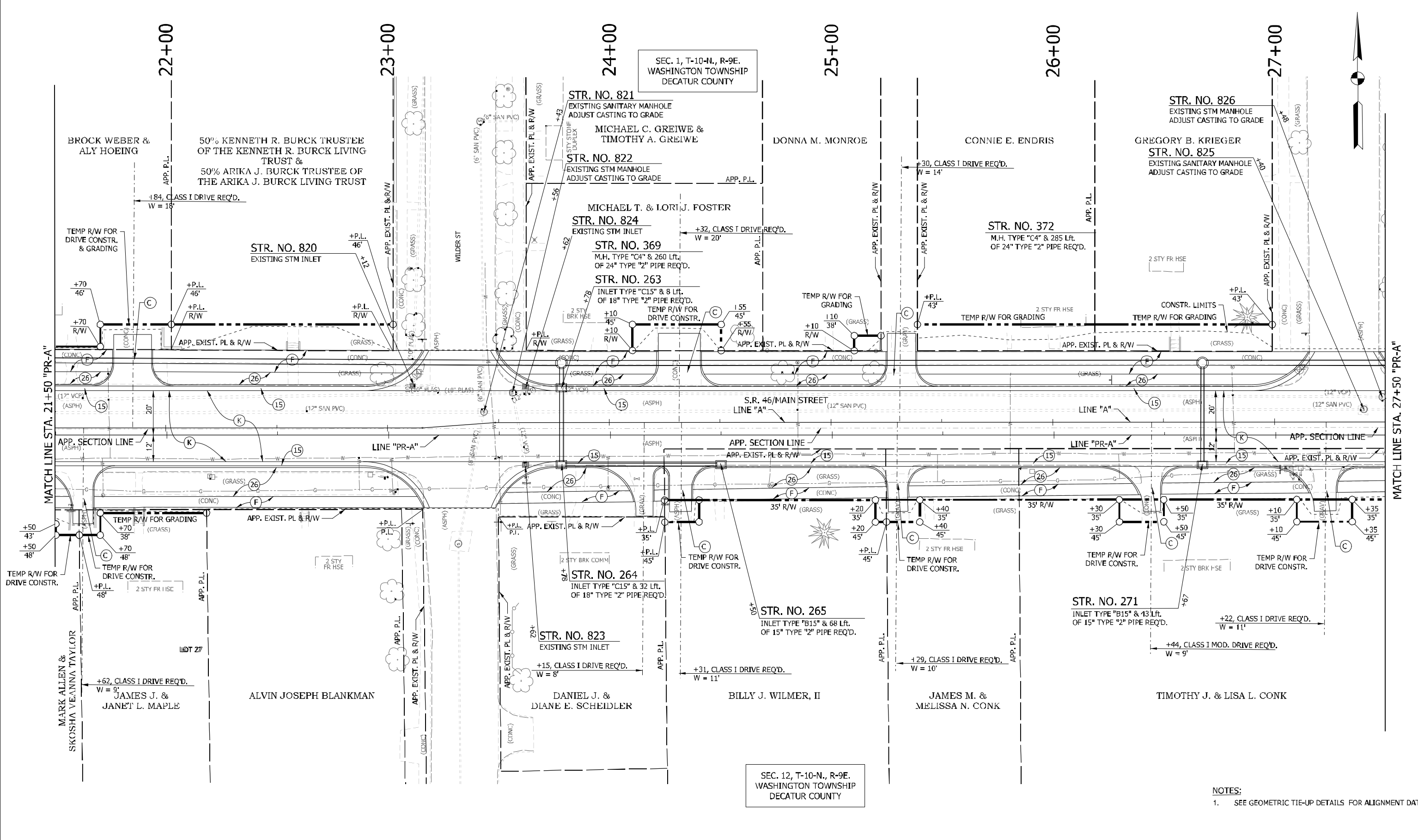
NOTES:
 1. SEE PLAN & PROFILES FOR LINE "A" ALIGNMENT DATA.
 2. OFFSETS CALLED OFF LINE "PR-A"

LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON
300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53 BASE
- (C) 6 IN. PCCP FOR DRIVEWAYS
- (CL) 9 IN. PCCP FOR DRIVEWAYS
- (F) CONCRETE SIDEWALK, 4"
- (13) CONCRETE CURB
- (26) SODDING, NURSERY
- (15) MOD. COMBINED CONCRETE CURB & GUTTER
- XXX.XX = PROPOSED ELEVATION
- (XXX.XX) = EXISTING ELEVATION

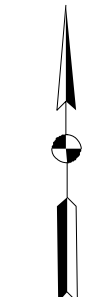
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: WRC	DRAWN: JEC				
CHECKED: MAE	CHECKED: WRC				

INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
CONSTRUCTION DETAILS		1"=20'			
		VERTICAL SCALE		DESIGNATION	
		1"=20'		1800256	
		SURVEY BOOK		SHEET	
		CONTRACT		49 of 128	
		R-41463		PROJECT	
				1800256	



SEC. 1, T-10-N, R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

SEC. 12, T-10-N, R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY



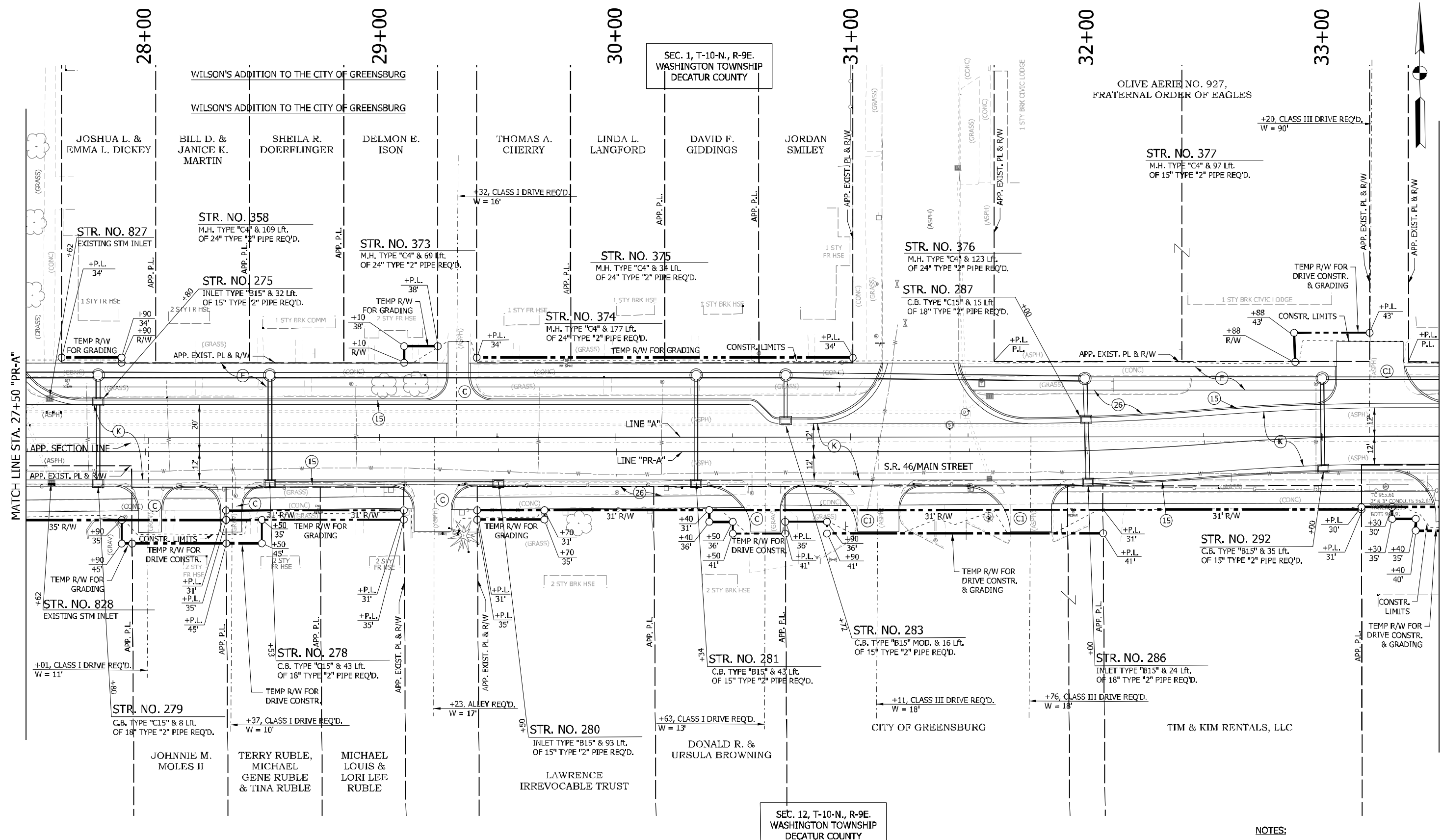
LEGEND			
(K)	HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53 BASE	(C)	6 IN. PCCP FOR DRIVEWAYS
(CL)	9 IN. PCCP FOR DRIVEWAYS	(13)	CONCRETE CURB
(F)	CONCRETE SIDEWALK, 4"	(26)	SODDING, NURSERY
		(15)	MOD. COMBINED CONCRETE CURB & GUTTER
		XXX.XX	= PROPOSED ELEVATION
		(XXX.XX)	= EXISTING ELEVATION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL	

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
1"=20'	1800256
SURVEY BOOK	SHEET
	50 of 128
CONTRACT	PROJECT
R-41463	1800256

NOTES:
1. SEE GEOMETRIC TIE-UP DETAILS FOR ALIGNMENT DATA.



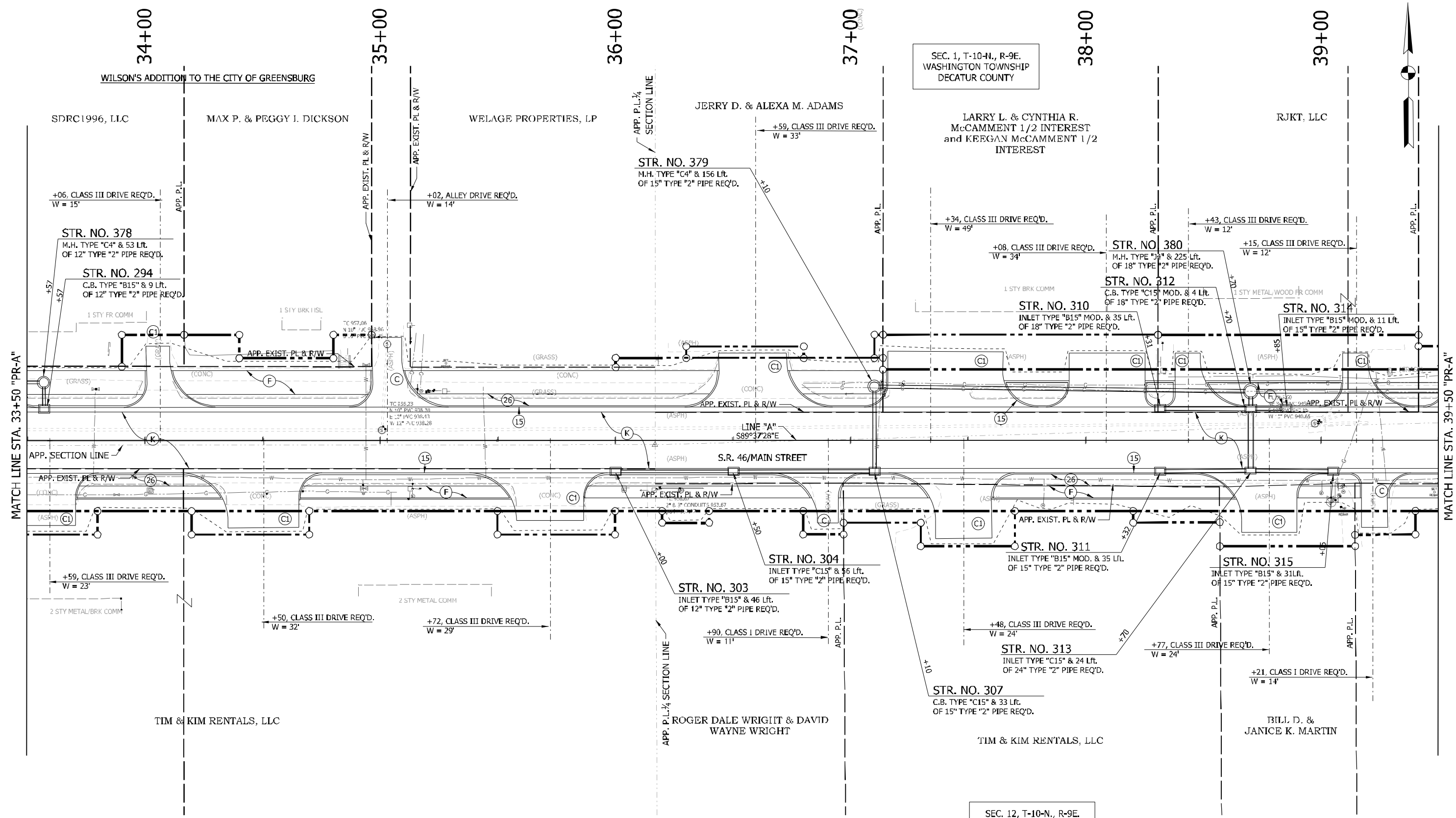
NOTES:
 1. SEE GEOMETRIC TIE-UP DETAILS FOR ALIGNMENT DATA.

LEGEND			
(K)	HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGR/GFAT. NO. 53 BASE	(C)	6 IN. PCCP FOR DRIVEWAYS
(CL)	9 IN. PCCP FOR DRIVEWAYS	(13)	CONCRETE CURB
(F)	CONCRETE SIDEWALK, 4"	(26)	SODDING, NURSERY
		(15)	MOD. COMBINED CONCRETE CURB & GUTTER
		XXX.XX	= PROPOSED ELEVATION
		(XXX.XX)	= EXISTING ELEVATION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ WRC	DRAWN: _____ JEC	
CHECKED: _____ MAE	CHECKED: _____ WRC	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION DETAIL

HORIZONTAL SCALE 1"=20'	BRIDGE FILE
VERTICAL SCALE 1"=20'	DESIGNATION 1800256
SURVEY BOOK	SHEET NO. 51 of 128
CONTRACT R-41463	PROJECT 1800256



SEC. 1, T-10-N, R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

LARRY L. & CYNTHIA R.
McCAMMENT 1/2 INTEREST
and KEEGAN McCAMMENT 1/2
INTEREST

SEC. 12, T-10-N, R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

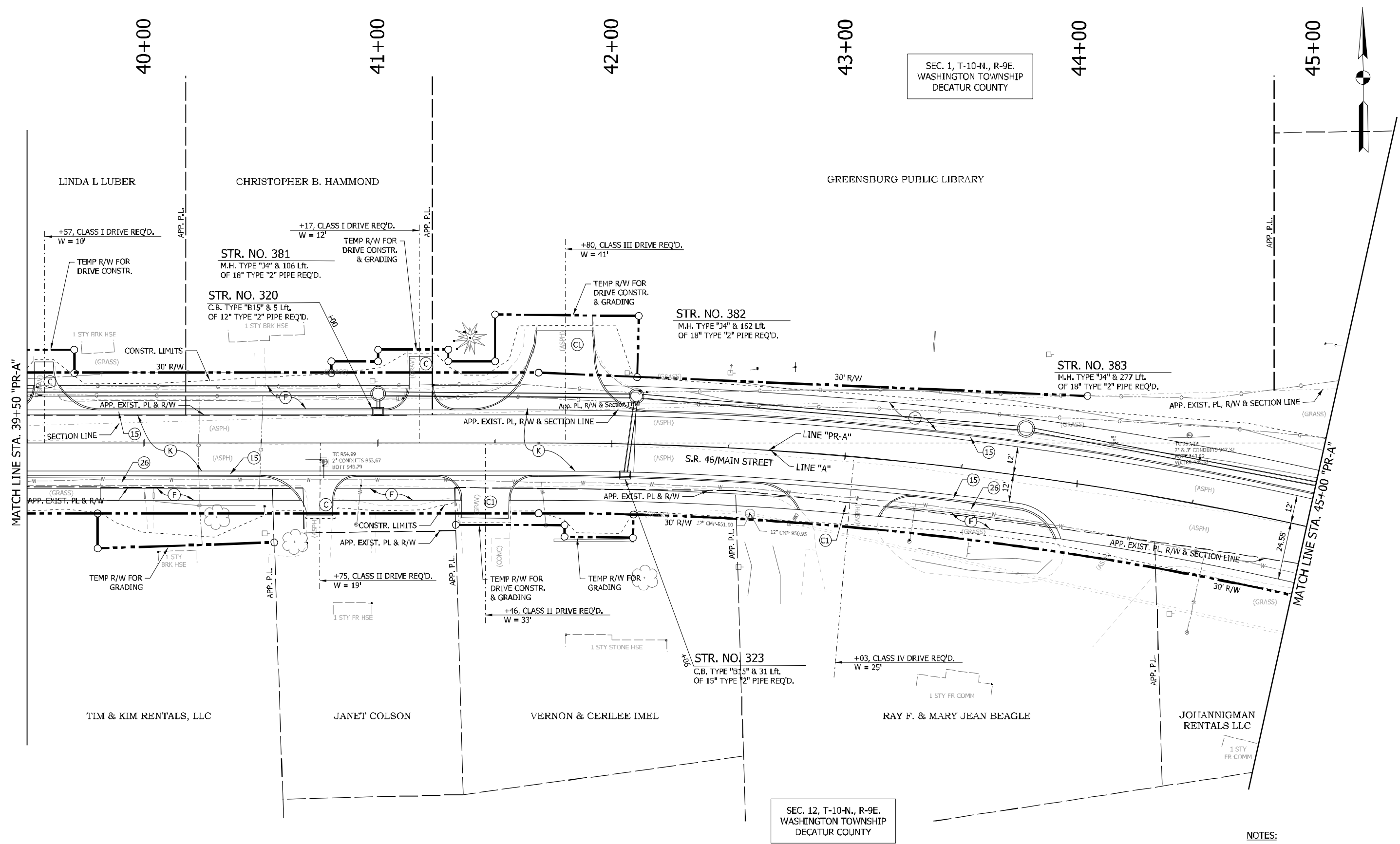
NOTES:
1. SEE PLAN & PROFILES FOR LINE "A" ALIGNMENT DATA.

LEGEND			
(K)	HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN COMPACTED AGGREGATE NO. 53 BASE	(C)	6 IN. PCCP FOR DRIVEWAYS
(C1)	9 IN. PCCP FOR DRIVEWAYS	(13)	CONCRETE CURB
(F)	CONCRETE SIDEWALK, 4"	(26)	SODDING, NURSERY
		(15)	MOD. COMBINED CONCRETE CURB & GUTTER
		XXX.XX	= PROPOSED ELEVATION
		(XXX.XX)	= EXISTING ELEVATION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

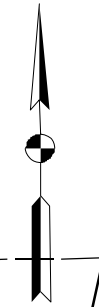
INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL	

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
1"=20'	1800256
SURVEY BOOK	SHEETS
	32 of 128
CONTRACT	PROJECT
R-41463	1800256



SEC. 1, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

SEC. 12, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY



NOTES:
1. SEE GEOMETRIC TIE-UP DETAILS FOR ALIGNMENT DATA.

LEGEND

(K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON
300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN COMPACTED AGGREGATE, NO. 53 BASE

(C) 6 IN. PCCP FOR DRIVEWAYS
(C1) 9 IN. PCCP FOR DRIVEWAYS
(F) CONCRETE SIDEWALK, 4"

(13) CONCRETE CURB
(26) SODDING, NURSERY
(15) MOD. COMBINED CONCRETE CURB & GUTTER

XXX.XX = PROPOSED ELEVATION
(XXX.XX) = EXISTING ELEVATION

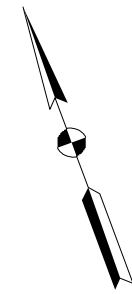
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER _____ DATE _____

DESIGNED: _____ WRC _____ DRAWN: _____ JEC _____
CHECKED: _____ MAE _____ CHECKED: _____ WRC _____

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL

HORIZONTAL SCALE 1"=20'	BRIDGE FILE
VERTICAL SCALE 1"=20'	DESIGNATION 1800256
SURVEY BOOK	SHEETS 53 of 128
CONTRACT R-41463	PROJECT 1800256



46+00

47+00

48+00

49+00

50+00

SEC. 1, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

GREENSBURG PUBLIC LIBRARY

DECATUR COUNTY
COMMISSIONERS

STR. NO. 384
M.H. TYPE "J4" & 63 Lf.
OF 18" TYPE "2" PIPE REQ'D.

(ASPH) S.R. 46/MAIN STREET

JOHANNIGMAN RENTALS LLC

SEC. 12, T-10-N., R-9E.
WASHINGTON TOWNSHIP
DECATUR COUNTY

END PROJECT NO. 1800256
PREVENTATIVE MAINTENANCE
STA. 47+00.00 "PR-A"

MATCH LINE STA. 45+00 "PR-A"

LEGEND

(K)	HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 550 LB/SYD QC/QA HMA, 3, 64 BASE, 25 MM, ON 300 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53 BASE	(C)	6 IN. PCCP FOR DRIVEWAYS	(13)	CONCRETE CURB	XXX.XX = PROPOSED ELEVATION
		(C1)	9 IN. PCCP FOR DRIVEWAYS	(26)	SODDING, NURSERY	(XXX.XX) = EXISTING ELEVATION
		(F)	CONCRETE SIDEWALK, 4"	(15)	MOD. COMBINED CONCRETE CURB & GUTTER	

(13)	CONCRETE CURB	XXX.XX = PROPOSED ELEVATION
(26)	SODDING, NURSERY	(XXX.XX) = EXISTING ELEVATION
(15)	MOD. COMBINED CONCRETE CURB & GUTTER	

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JEC	
CHECKED: MAE	CHECKED: WRC	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL	

NOTES:

- SEE GEOMETRIC TIE-UP DETAILS FOR ALIGNMENT DATA.

HORIZONTAL SCALE 1"=20'	BRIDGE FILE
VERTICAL SCALE 1"=20'	DESIGNATION 1800256
SURVEY BOOK	SHEETS
CONTRACT R-41463	54 of 128 PROJECT 1800256

Created by: CDE, Spectrum

Job Name: City of Greensburg - Lincoln Street Bridge Contractor - Guard Rails, etc. (1800255)

Catalog Number: 1A-1914LED-RLM431-33L45T3-MDL10-A-HSHS-BK

Type: 82

ESL/SPECTRUM

1914LED LIBERTYVILLE SERIES LED

ENL 1.0-071
WEIGHT 10.12 LB (4.60 KG)

1 YEAR WARRANTY

AREA 4.00 FT² (0.37 M²)

LED SPAN 1.00 FT (0.30 M)

UL LISTED

CLASS 100 mA

EMERGENCY 97%

20 YEAR

BUILD A PART NUMBER

COLOUR: 1A-1914LED-RLM431-33L45T3-MDL10-A-HSHS-BK

Finish	Color	Shade	LED	EMER	Type	Span	Area	Optical	UL Listed	Class	Emergency	20 Year	ENL	Weight
--------	-------	-------	-----	------	------	------	------	---------	-----------	-------	-----------	---------	-----	--------

Measuring Configuration

1914 2.000 4.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Finish

1914 BK

LED

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

CCT - Color Temperature (K)

1914 2700 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000

Type

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Driver

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Shade

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Optical

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

UL Listed

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Class

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Emergency

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

20 Year

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

ENL

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Weight

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

August 3, 2018

SternbergLighting *Donald L. May*

800-621-3376
555 Lawrence Ave., Roselle, IL 60012
www.sternberglighting.com

Created by: CDE, Spectrum

Job Name: City of Greensburg - Lincoln Street Bridge Contractor - Guard Rails, etc. (1800255)

Catalog Number: 1A-1914LED-RLM431-33L45T3-MDL10-A-HSHS-BK

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Finish	Color	Shade	LED	EMER	Type	Span	Area	Optical	UL Listed	Class	Emergency	20 Year	ENL	Weight
--------	-------	-------	-----	------	------	------	------	---------	-----------	-------	-----------	---------	-----	--------

Measuring Configuration

1914 2.000 4.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Finish

1914 BK

LED

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

CCT - Color Temperature (K)

1914 2700 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000

Type

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Driver

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Shade

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Optical

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

UL Listed

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Class

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Emergency

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

20 Year

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

ENL

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Weight

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

August 3, 2018

SternbergLighting *Donald L. May*

800-621-3376
555 Lawrence Ave., Roselle, IL 60012
www.sternberglighting.com

Created by: CDE, Spectrum

Job Name: City of Greensburg - Lincoln Street Bridge Contractor - Guard Rails, etc. (1800255)

Catalog Number: 1A-1914LED-RLM431-33L45T3-MDL10-A-HSHS-BK

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20 YEAR

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Finish	Color	Shade	LED	EMER	Type	Span	Area	Optical	UL Listed	Class	Emergency	20 Year	ENL	Weight
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Measuring Configuration

1914 2.000 4.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Finish

1914 BK

LED

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

CCT - Color Temperature (K)

1914 2700 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000

Type

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Driver

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Shade

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Optical

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

UL Listed

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Class

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Emergency

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

20 Year

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

ENL

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

Weight

1914 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

August 3, 2018

SternbergLighting *Donald L. May*

800-621-3376
555 Lawrence Ave., Roselle, IL 60012
www.sternberglighting.com

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DC	DRAWN: JEC	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
SURVEY BOOK	SI ICCTS
CONTRACT	69 of 128
R-41463	PROJECT
	1800256

Submitted by: ESI, Spectrum		Job Name: City of Crawfordsville - Lincoln Street Rehabilitation, CTR-Greiner, CTR-Greiner, Inc. (Ipswich)		Catalog Number: RTA20C8B4-M-ARM43700-BA	Type: 83
ESL/SPECTRUM www.esl-spectrum.com					

RTA Round Tapered Aluminum Pole with Arms Single Mast - 4-Post Base

Pole: Start and end of construction of aluminum pole... 2" NPS Slotted (Optional Available - See Accessibility Requirements)

Base Style: 4-Post Cast Aluminum Base (18" x 18" x 24") with 4-Post Mounting Plates (12" x 12" x 1.5")

Flange: 4" x 4" x 1/2" Flange with 4-Post Mounting Plates (12" x 12" x 1.5")

Anchorage: 4-Post Anchorage (18" x 18" x 24") with 4-Post Mounting Plates (12" x 12" x 1.5")

Vibration Damper: 1/2" x 4" x 8" Vibration Damper

C	D	F	G	H	I
Base Dia.	Top Dia.	Arm Dia. Dia.	Arm Dia.	Arm Dia.	Arm Dia.
8	8.5	9-10	9.25	9.75	9-10
7	8.5	10-11	10.5	11	10-11
6	8.5	11-12	11.25	11.75	11-12

Submitted by: ESI, Spectrum		Job Name: City of Crawfordsville - Lincoln Street Rehabilitation, CTR-Greiner, CTR-Greiner, Inc. (Ipswich)		Catalog Number: RTA20C8B4-M-ARM43700-BA	Type: 83
ESL/SPECTRUM www.esl-spectrum.com					

RTA20C8B4-M-ARM43700-BA
Catalog Number System

W	H	C	J	Line	Flange	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	
W	H	C	J	Line	Flange	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	EPB	
26	0.800	6	8	80	17.0	5.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5

Wall Thickness: 2 - 3/32"

Post Diameter: 6 - 6"

Top Diameter: 6 - 6"

Base Style: 4 - 4" x 4" x 1/2"

Arm Style: M - Mast

Arm Quantity: 1 - Single

Arm Length: 6 - 6"

Finish: BA - Black Powder Coat

EPB Notes:

Submitted by: ESI, Spectrum		Job Name: City of Crawfordsville - Lincoln Street Rehabilitation, CTR-Greiner, CTR-Greiner, Inc. (Ipswich)		Catalog Number: ARM 43700	Type: 83
ESL/SPECTRUM www.esl-spectrum.com					

hopco

Light Pole Arms

BA = BLACK FINISH

Customer Service: 800-368-7171, 276-628-7171

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: DC	DRAWN: JEC			LIGHTING DETAILS	VERTICAL SCALE
CHECKED: WRC	CHECKED: WRC				SURVEY BOOK
				CONTRACT R-41463	PROJECT 1800256