

PROJECT	DESIGNATION
1401684	1401684
CONTRACT	
R-38008	

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC DATA	OLD PLANK ROAD	HARRIMAN AVENUE	MAIN STREET
A.A.D.T. (2014)	8580 V.P.D.	2648 V.P.D. (2015)	N/A - V.P.D.
A.A.D.T. (2036)	N/A - V.P.D.	N/A - V.P.D.	N/A - V.P.D.
D.H.V. (2036)	N/A - V.P.H.	N/A - V.P.H.	N/A - V.P.H.
DIRECTIONAL DISTRIBUTION	N/A - % E.B.	N/A - % E.B.	N/A - % E.B.
TRUCKS	3% A.A.D.T.	N/A - % A.A.D.T.	N/A - % A.A.D.T.
	N/A - % D.H.V.	N/A - % D.H.V.	N/A - % D.H.V.
DESIGN DATA			
DESIGN SPEED	30 MPH (15 MPH PATH)	20 MPH	20 MPH
PROJECT DESIGN CRITERIA	SIDEWALK/SHARED-USE PATH	BIKE LANES	SIDEWALK
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL	MAJOR COLLECTOR	LOCAL
RURAL / URBAN	URBAN (BUILT-UP)	URBAN (BUILT-UP)	URBAN (BUILT-UP)
TERRAIN	LEVEL	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE	NONE

SIDEWALK & TRAIL PLANS

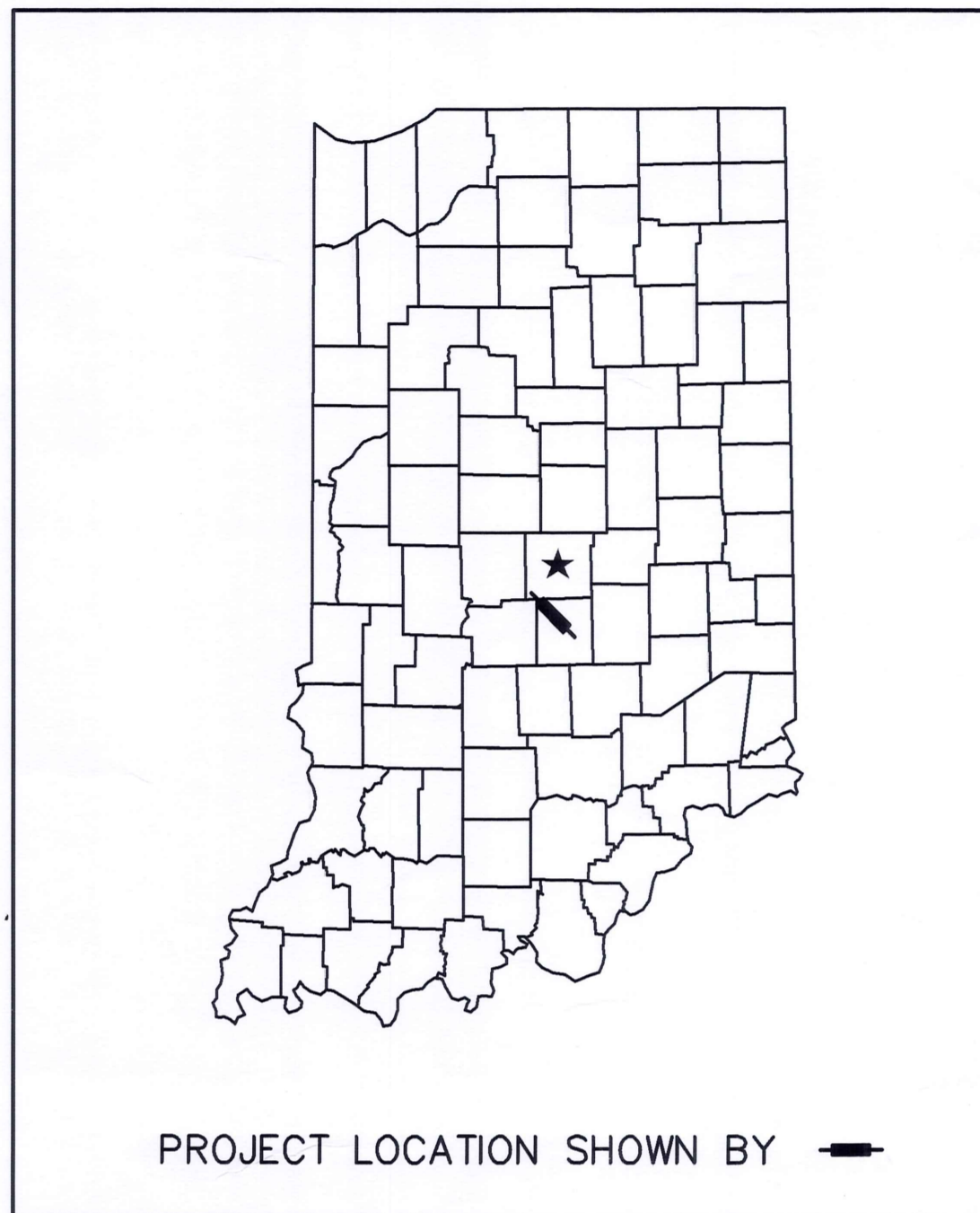
PEDESTRIAN IMPROVEMENTS ALONG OLD PLANK ROAD

PROJECT NO. 1401684

BIKE/PEDESTRIAN FACILITIES AT SPECIFIC LOCATIONS ALONG OLD PLANK RD (144) FROM EAST OF SR 135 TO NORTH STREET, ALONG HARRIMAN AVENUE AND ALONG MAIN STREET. THE PROJECT SITE IS LOCATED IN SECTIONS 1 AND 2 TOWNSHIP 12 NORTH, RANGE 3 EAST WITHIN UNION TOWNSHIP, AND SECTION 35 TOWNSHIP 13 NORTH, RANGE 3 EAST WITHIN WHITE RIVER TOWNSHIP, JOHNSON COUNTY, INDIANA

GROSS LENGTH 0.88 mi. NET LENGTH 0.88 mi.

SCALES:
PLAN
 LONG: 1" = 20'
 TRANS: 1" = 20'
PROFILE
 HORIZONTAL: 1" = 20' MAXIMUM GRADE = 5.0%
 VERTICAL: 1" = 5'



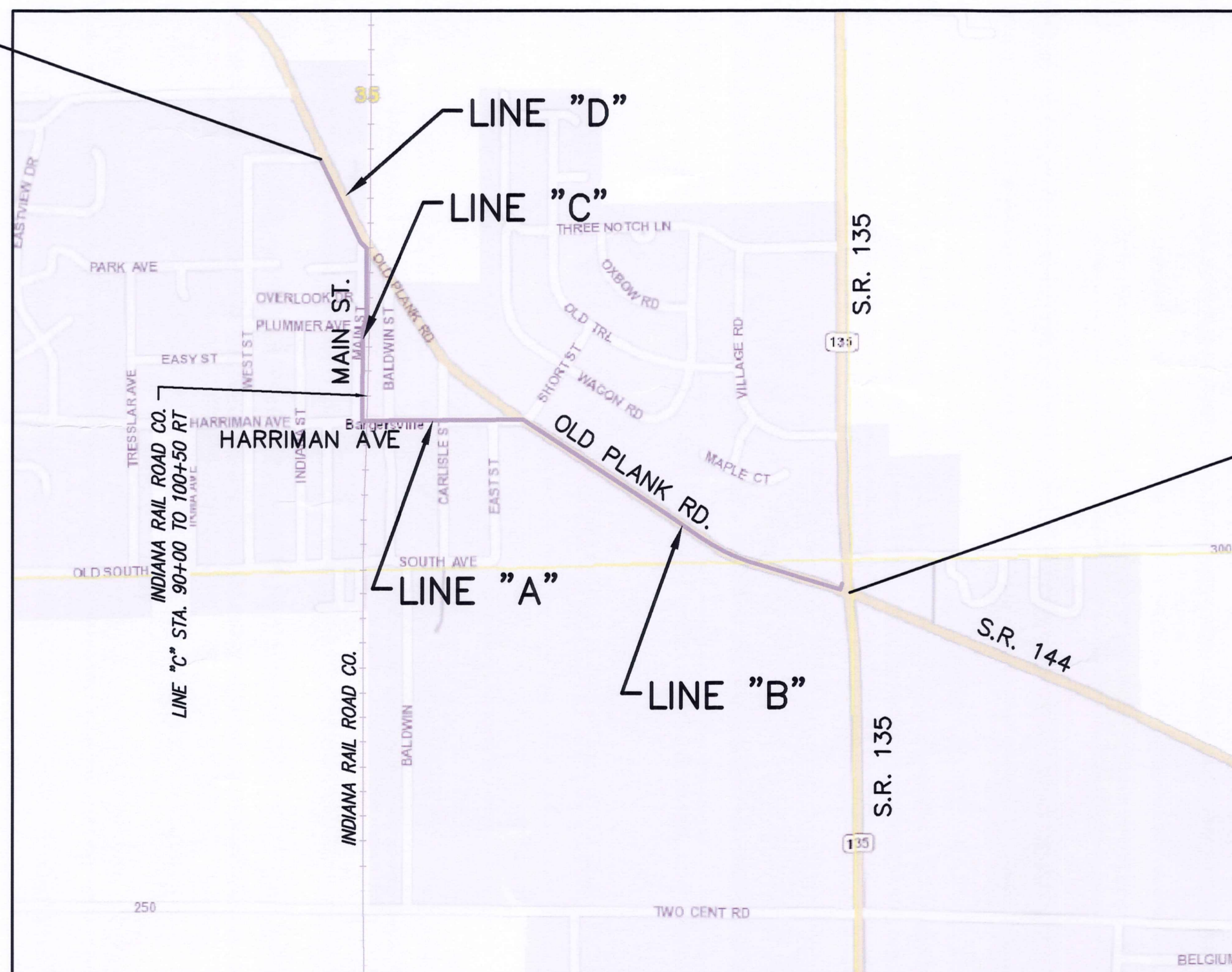
BEGIN: LATITUDE: 39°31'30", LONGITUDE: -86°10'07"
 MIDDLE: LATITUDE: 39°31'13", LONGITUDE: -86°09'46"
 END: LATITUDE: 39°31'01", LONGITUDE: -86°09'11"

HYDROLOGIC UNIT CODE: 05120202010100



1" = 700'

BEGIN PROJECT 1401684
 STA. 70+50 LINE "PR-D"



END PROJECT 1401684
 STA. 50+77.42 LINE "PR-B"

- TOWN OF BARGERSVILLE -

APPROVED BY:
 TOWN OF BARGERSVILLE
 BOARD OF TRUSTEES

Bruce Morris
 BRUCE W. MORRIS
 PRESIDENT

Gayle W. Allard
 GAYLE W. ALLARD
 VICE-PRESIDENT

R. Dustin Doyle
 R. DUSTIN DOYLE
 MEMBER

Larry W. Gates
 LARRY W. GATES
 MEMBER

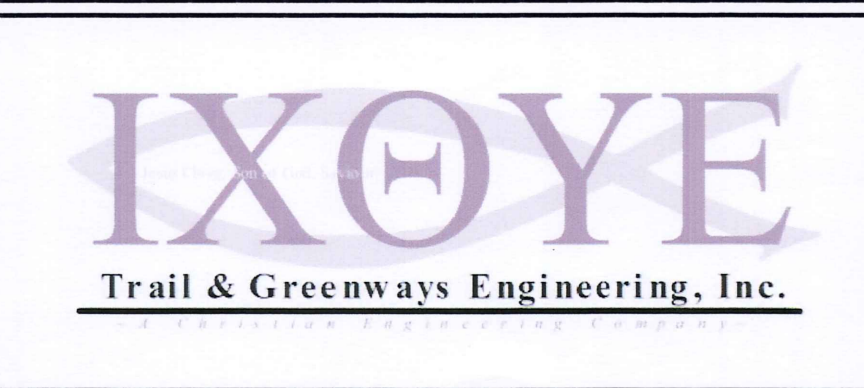
Kenneth E. Zumstein
 KENNETH E. ZUMSTEIN
 MEMBER

ATTEST:
Nancy S. Kehl
 NANCY S. KEHL
 CLERK-TREASURER

Judie A. Young
 JUDIE A. YOUNG, AICP
 DIRECTOR OF DEVELOPMENT
 EMPLOYEE IN RESPONSIBLE CHARGE



CERTIFIED BY: *Jacob Hoffman*
 REGISTERED LAND SURVEYOR
 COVERING PLAT NO. 1 DESIGN
 DATE: 4/1/19



PLANS PREPARED BY: IXOYE TRAIL & GREENWAYS ENGINEERING, INC.
 P.O. BOX 48
 BARGERSVILLE, INDIANA 46106 (317) 840-0026
 PHONE NUMBER

CERTIFIED BY: *Robert Berggaard* 4/1/19
 REGISTERED PROFESSIONAL ENGINEER
 CERTIFIED FOR ALL NON-SIGNAL PLAN & NON-PLAT SHEETS

APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION
 DATE



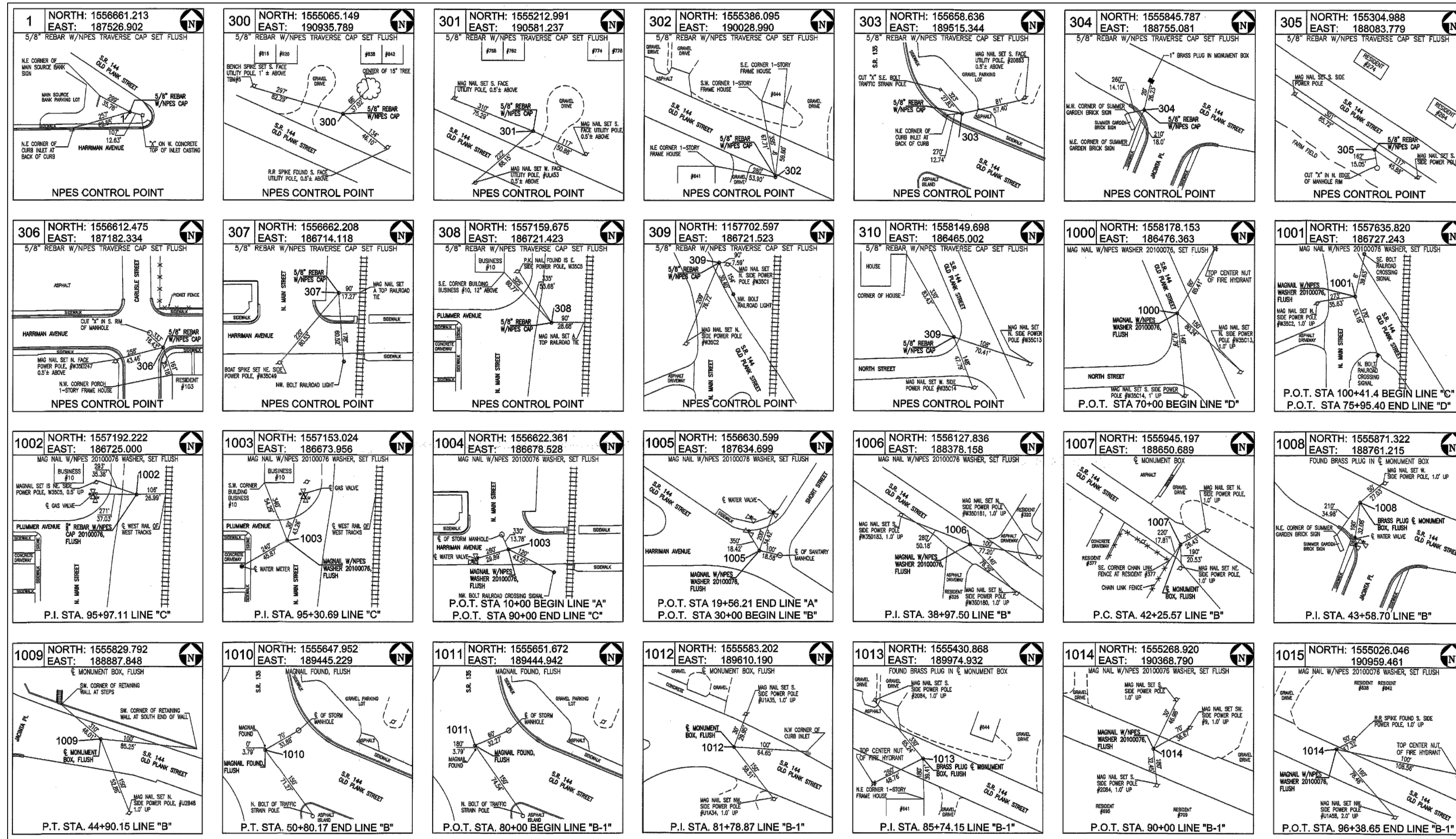
INDIANA DEPARTMENT OF TRANSPORTATION
 STANDARD SPECIFICATIONS DATED 2018
 TO BE USED WITH THESE PLANS

ROAD FILE	
DESIGNATION	1401684
SHEETS	1 of 60
CONTRACT	R-38008
PROJECT	1401684

Date: Mar 21, 2019, 12:37pm User: lb: roy File: C:\00-PROJECTS\1401684-BVILLE\1401684-PR-D\1401684-PR-D.dwg 01-Cover.dwg

REFERENCE TIES

BENCHMARKS



VERTICAL DATUM: NAVD88 DATUM
 TEMPORARY BENCHMARKS (TBM) SET AND LOCATED ALONG THE SURVEY SITE BY NORTHPOINTE ENGINEERING & SURVEYING, INC. (NPES).

TBM DESCRIPTIONS:

TBM#1: ELEV. 818.454 – BENCH SPIKE SET IN N. SIDE OF LIGHT POLE #W35D195 @ S.E. COR. OF EAST ST. & HARRIMAN AVE.
 TBM#2: ELEV. 825.048 – BENCH SPIKE SET IN N. SIDE OF COMBO POLE #U2B53 @ S.W. COR. OF S.R. 144 & S.R. 135.
 TBM#3: ELEV. 817.554 – BENCH SPIKE SET IN S. SIDE OF TELEPHONE POLE #2139-1987 @ N. SIDE OF S.R. 144 AND AT BUSINESS ADDRESS #390.
 TBM#4: ELEV. 827.79 – BENCH SPIKE SET IN N. SIDE OF COMBO POLE #JIA51, S. SIDE OF S.R. 144, 30' W. OF RESIDENCE #695 DRIVE.
 TBM#5: ELEV. 836.546 – BENCH SPIKE SET IN S. SIDE OF TELEPHONE POLE #N/A @ N. SIDE OF S.R. 144 AND AT RESIDENCE ADDRESS #816 S.R. 144.
 TBM#6: ELEV. 818.25 – BOAT SPIKE SET IN N.E. SIDE OF LIGHT POLE #W35C49 ON S. SIDE OF HARRIMAN AVE. AND @ MAIN ST. EXTENDED.
 TBM#7: ELEV. 813.22 – CUT "X" ON N. BOLT OF FIRE HYDRANT AT S. SIDE OF NORTH ST. AND 200' W. OF PLANK RD.

COORDINATE LISTING FOR ALIGNMENT POINTS

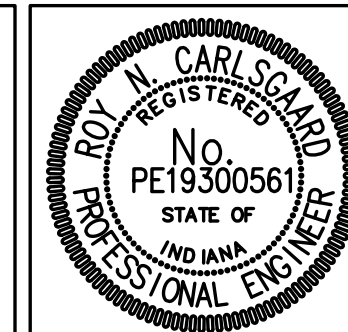
COORDINATES ARE REFERENCED TO THE INDIANA STATE PLANE EAST ZONE (NAD83) COORDINATE SYSTEM

POINT NO.	NORTHING	EASTING	DESCRIPTION
1000	1558178.153	186476.363	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1001	1557635.820	186727.243	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1002	1557192.222	186725.000	5/8 REBAR w/ CAP STAMPED "NPES 20100076" "SET FLUSH"
1003	1557153.028	186673.956	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1004	1556622.361	186678.528	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1005	1556630.599	187634.699	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1006	1556127.836	188378.158	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1007	1555945.197	188650.689	CENTERLINE MONUMENT BOX FOUND FLUSH

POINT NO.	NORTHING	EASTING	DESCRIPTION
1008	1555871.322	188761.215	BRASS PLUG IN MONUMENT BOX
1009	1555829.792	188887.848	CENTERLINE MONUMENT BOX FOUND FLUSH
1010	1555647.952	189445.229	MAG NAIL FOUND FLUSH
1011	1555651.672	189444.942	MAG NAIL FOUND FLUSH
1012	1555583.202	189610.190	CENTERLINE MONUMENT BOX FOUND FLUSH
1013	1555430.868	189974.932	BRASS PLUG IN MONUMENT BOX
1014	1555268.920	190368.790	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"
1015	1555026.046	190959.461	MAG NAIL w/ WASHER STAMPED NPES 20100076 "SET FLUSH"

NOTE: INFORMATION PROVIDED HEREIN IS FOR REFERENCE ONLY. PROJECT SURVEY PREPARED BY NORTHPOINTE ENGINEERING & SURVEYING, INC.. SEE LOCATION CONTROL ROUTE SURVEY PLAT RECORDED AS INSTR# 2017-024359 IN THE OFFICE OF THE JOHNSON COUNTY RECORDER AND NPES SURVEY FIELD BOOK FOR FURTHER INFORMATION AND SURVEY CERTIFICATIONS.

Date: Mar 30, 2018, 11:43pm User: ID: roy File: C:\00-PROJECTS\0086-BRILLE MPO PLANK RD\DWG\03-CONTROL REFERENCES.dwg



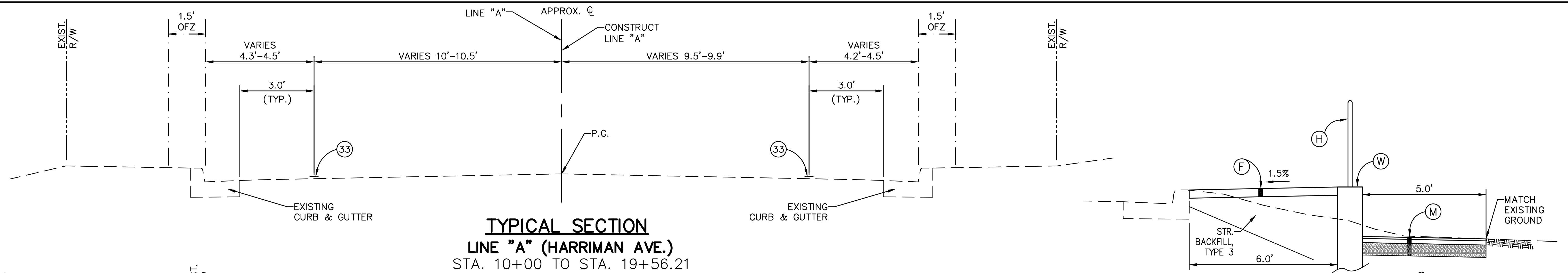
RECOMMENDED FOR APPROVAL: *Roy N. Carlsgaard* 4/1/19
 DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

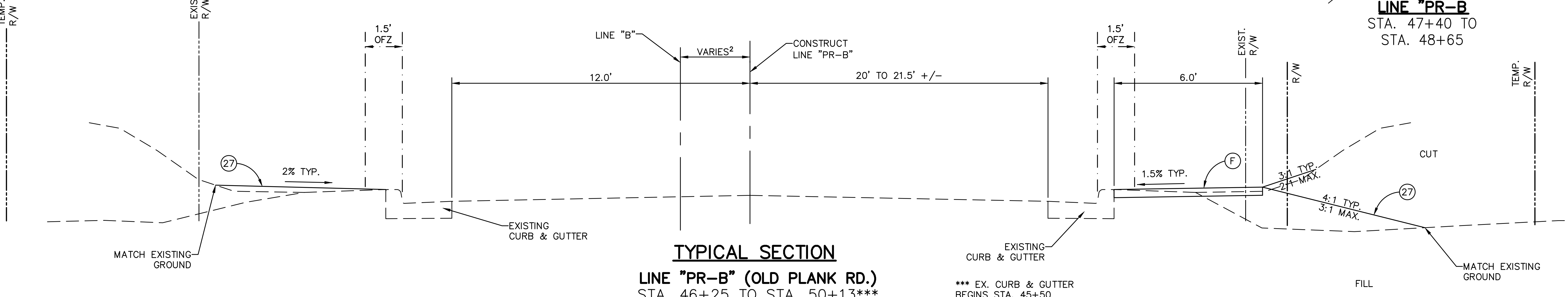
INDIANA DEPARTMENT OF TRANSPORTATION

CONTROL REFERENCES

HORIZONTAL SCALE	ROAD FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
1"=5'	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	3 of 60
CONTRACT	PROJECT
R-38008	1401684

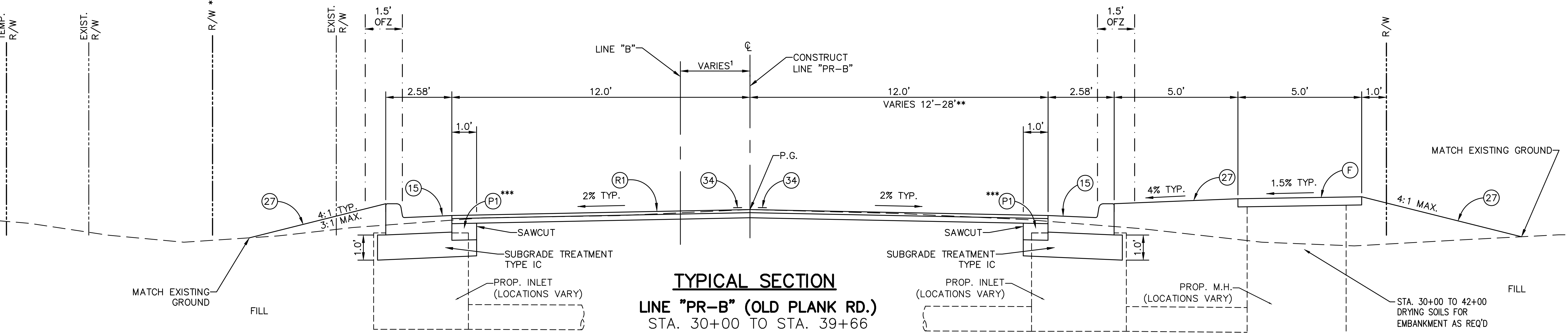


TYPICAL SECTION
LINE "A" (HARRIMAN AVE.)
 STA. 10+00 TO STA. 19+56.21



TYPICAL SECTION
LINE "PR-B" (OLD PLANK RD.)
 STA. 46+25 TO STA. 50+13***

*** EX. CURB & GUTTER BEGINS STA. 45+50
² LINE "PR-B" VARIES FROM SURVEY LINE "B" STA. 46+50 TO 46+49.46 APPROX. 0.91' TO 0.0'



TYPICAL SECTION
LINE "PR-B" (OLD PLANK RD.)
 STA. 30+00 TO STA. 39+66
 STA. 39+66 TO STA. 42+37*
 STA. 42+37 TO STA. 46+25**

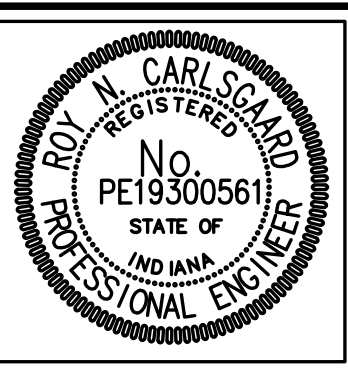
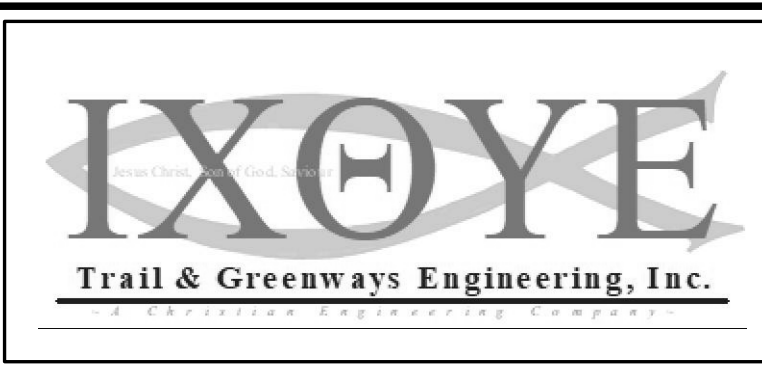
¹ LINE "PR-B" VARIES FROM SURVEY LINE "B" STA. 30+00 TO 46+50 APPROX. -0.3' TO 6.7'

- (R1) HMA MILL & RESURFACE, 4 IN. 165 LBS/SY QC/QA-HMA 3 70 SURFACE 9.5 mm ON 275 LBS/SY QC/QA-HMA 3 70 INTERMEDIATE 19.0 mm ON MILLING ASPHALT, 4 IN
- (P2) HMA PATCHING, TYPE C 880 LBS/SY QC/QA-HMA 3 70 BASE ON SUBGRADE TREATMENT, TYPE IC (FOR LOCATIONS, SEE PLANS; IF ON STORM SEWER TRENCH, TOP 12 IN. OF STR. BACKFILL SHALL BE COMP. AGG. NO. 53)
- (R) LINE, PAINT, SOLID, WHITE, 4 IN.
- (Y) LINE, PAINT, SOLID, YELLOW, 4 IN.

***PATCHING IN FRONT OF THE CONCRETE CURB & GUTTER MAY BE DELETED IF FIELD CONDITIONS ALLOW AND IF MEANS & METHODS DO NOT REQUIRE PATCHING TO INSTALL CURB & GUTTER.

Date: Mar 30, 2019 11:23am User ID: roy File: C:\00-PROJECTS\10486-BMILE MPD PLANK RD\Draw\04-05-Typical C-S.dwg

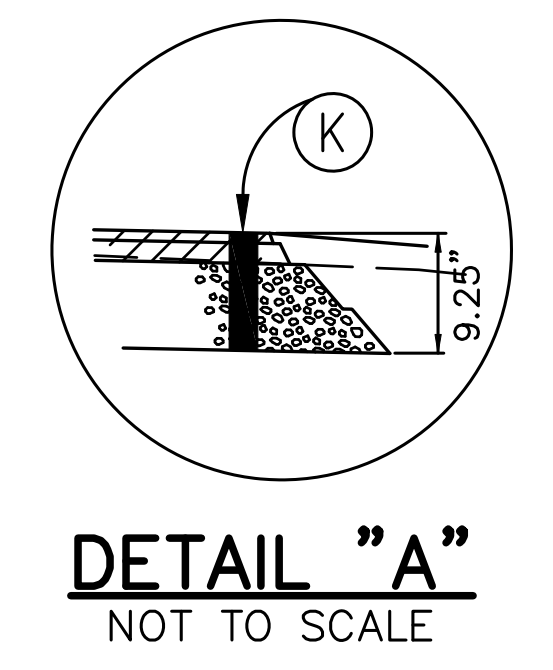
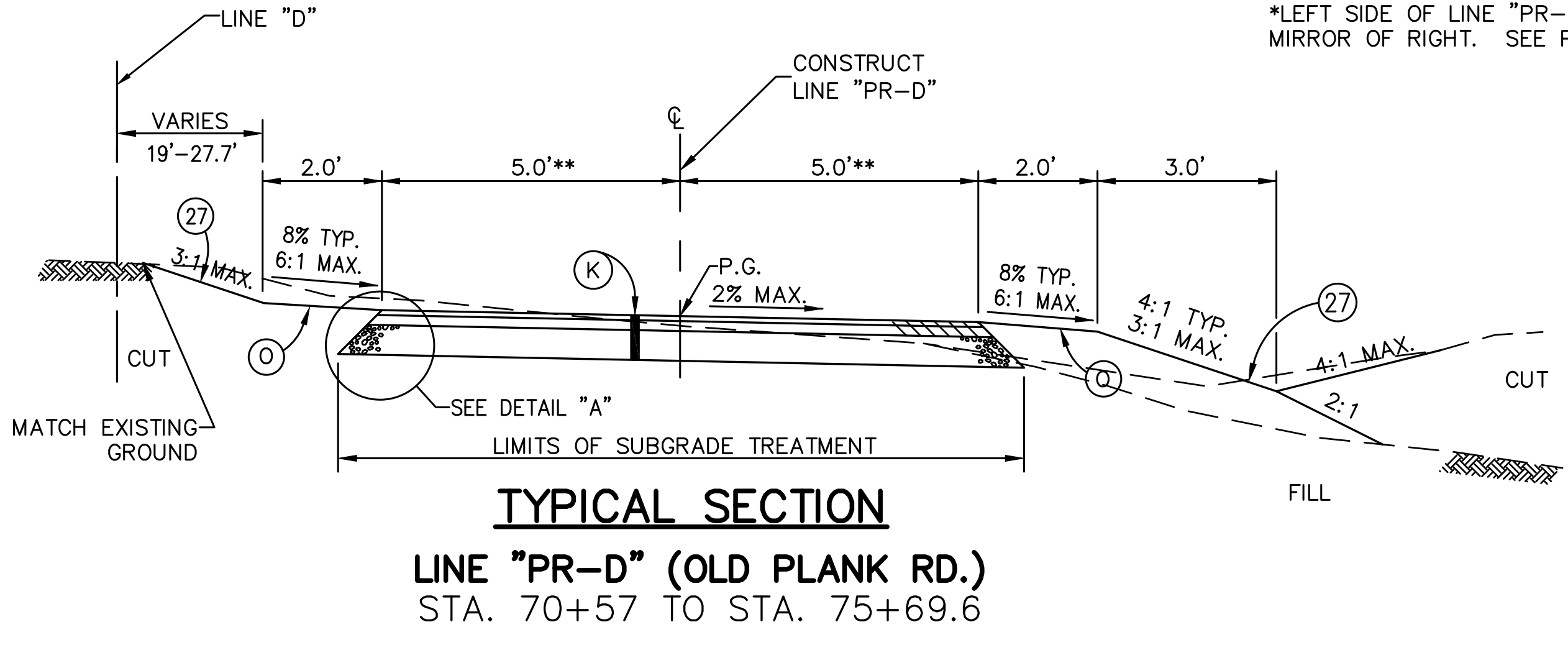
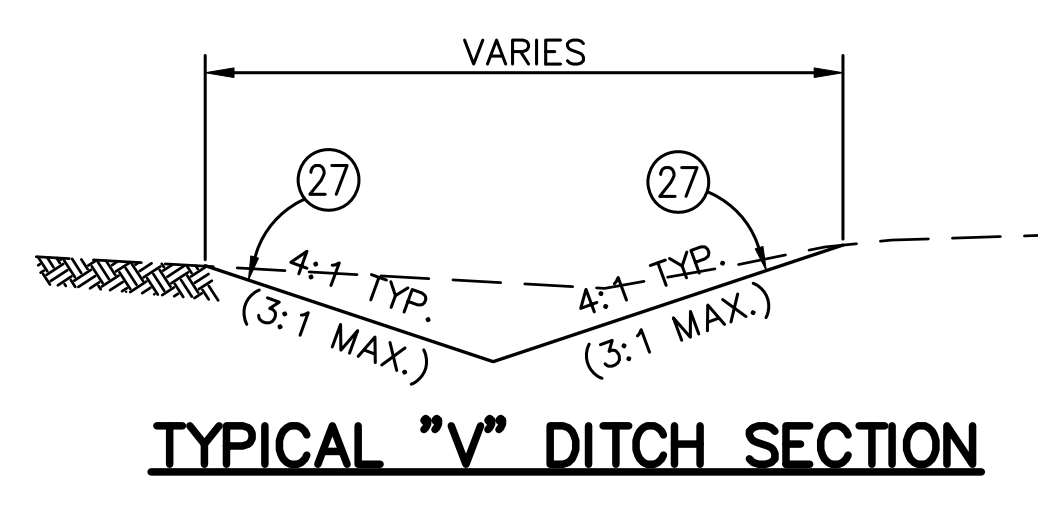
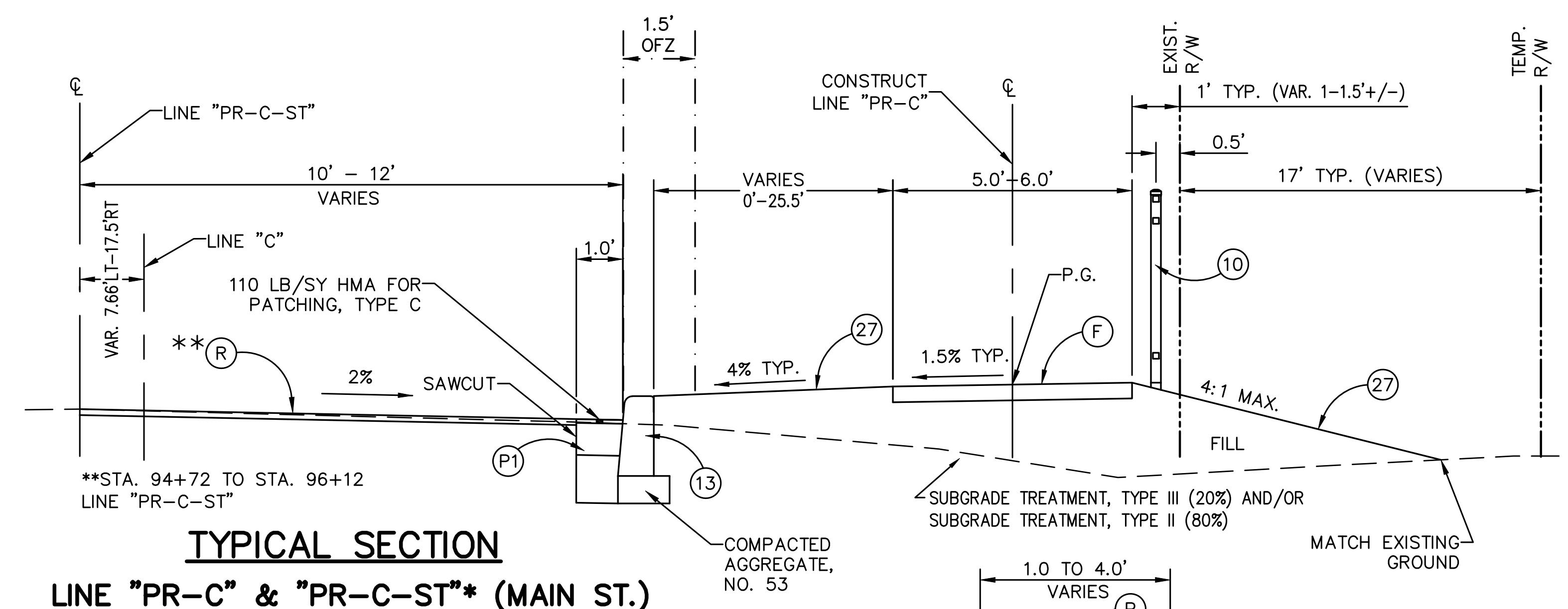
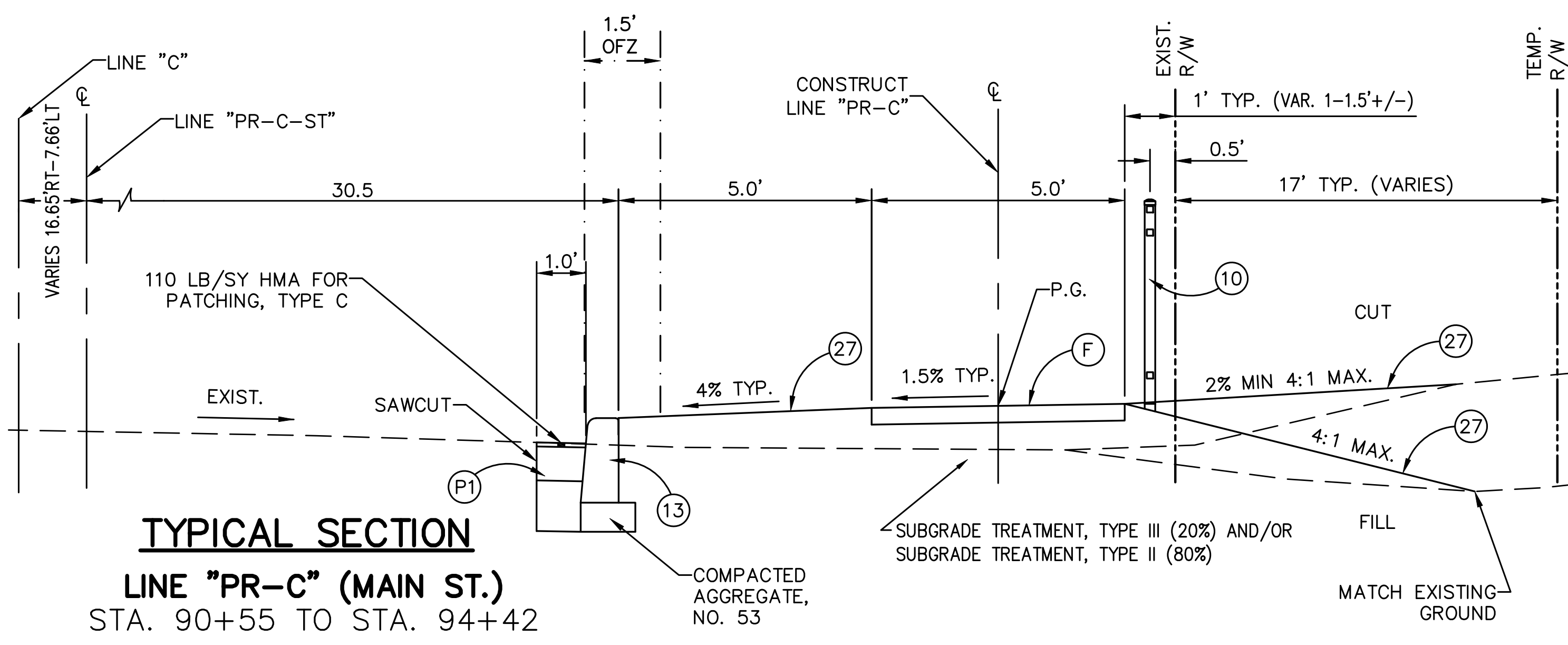
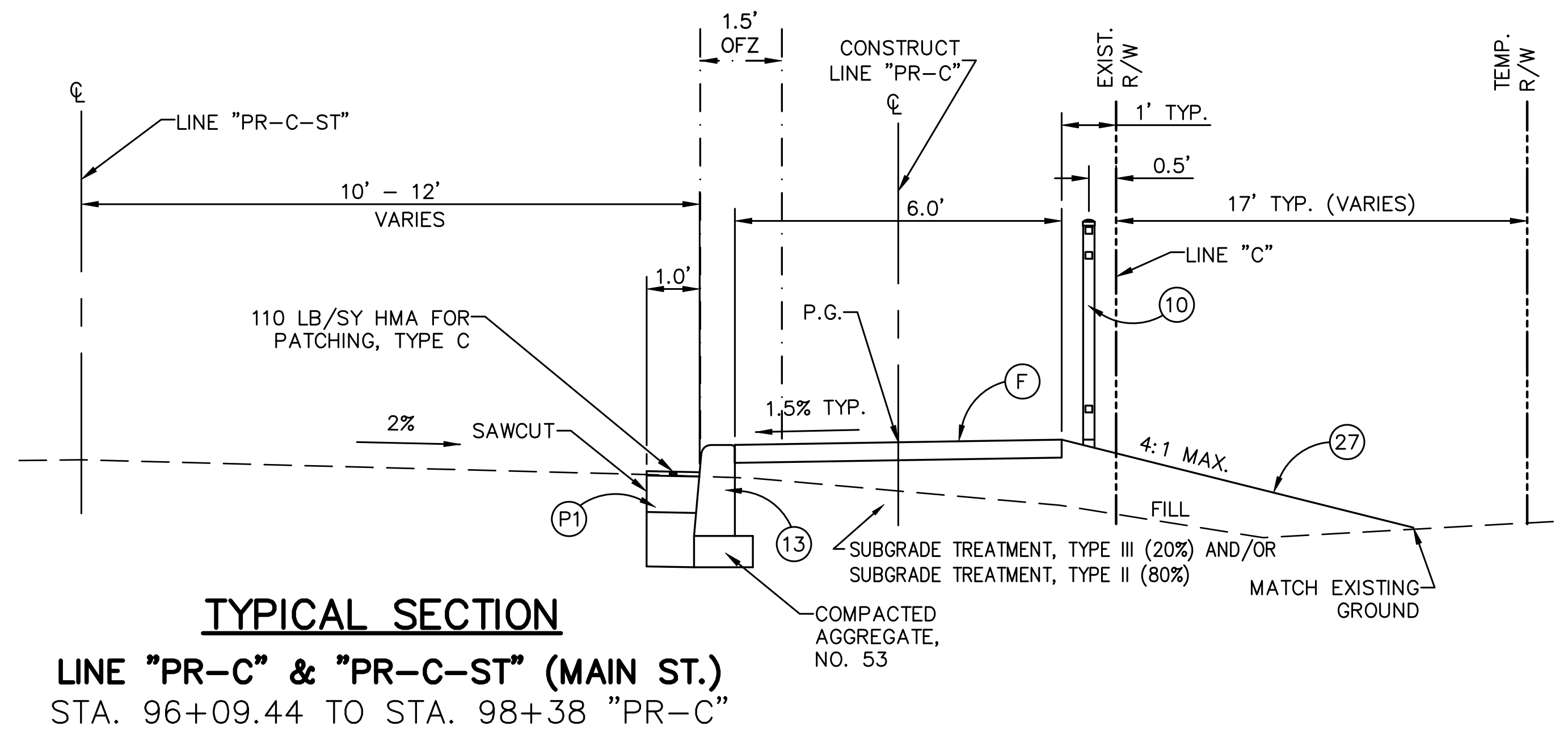
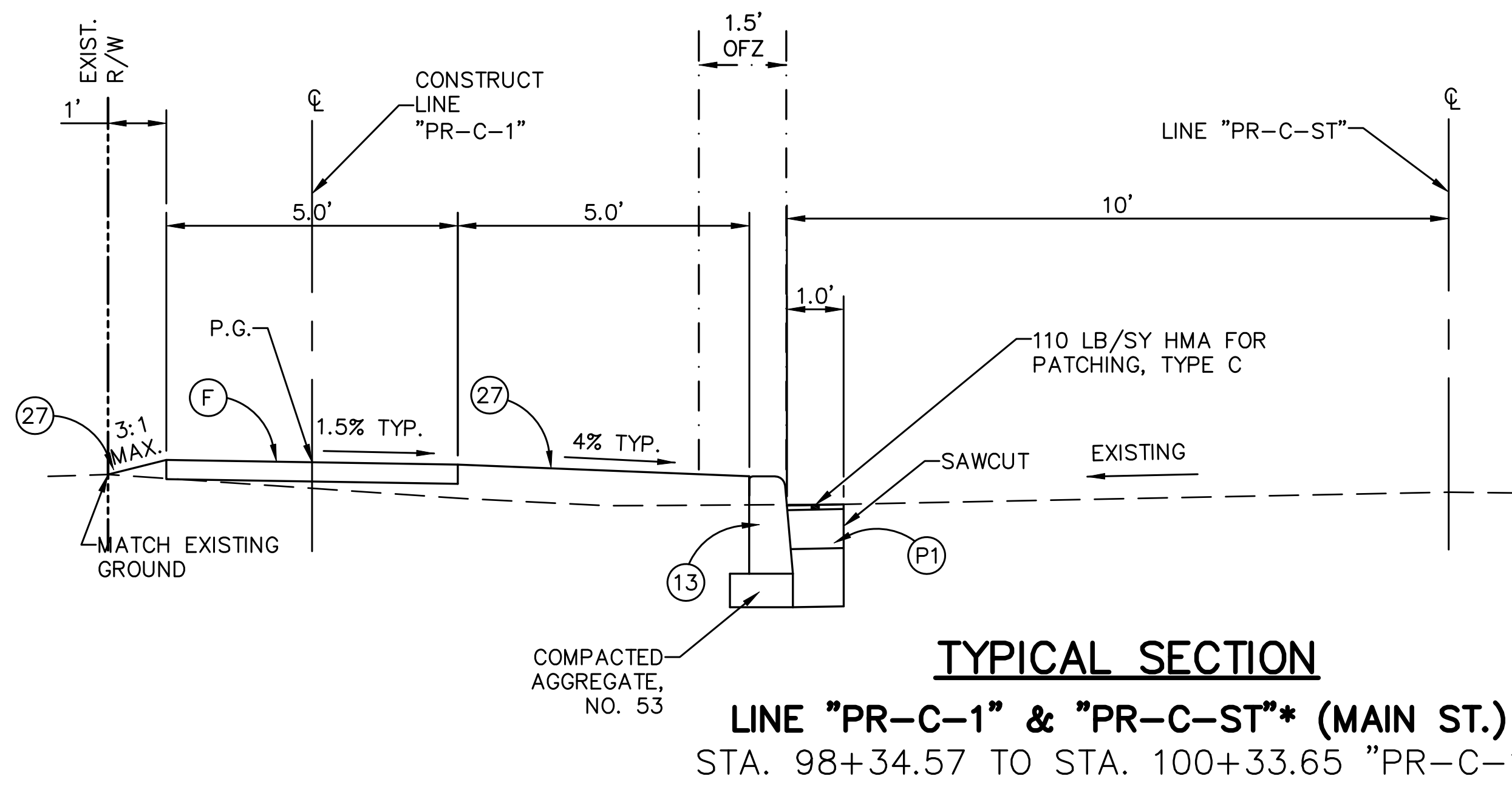
LEGEND		
(F) CONCRETE SIDEWALK	(R1) HMA MILL & RESURFACE, 4 IN.	(33) LINE, PAINT, SOLID, WHITE, 4 IN.
(H) HANDRAIL	(W) MODULAR BLOCK WALL	(34) LINE, PAINT, SOLID, YELLOW, 4 IN.
(P) PCC BASE PATCHING, 8 IN.	(15) CONCRETE CURB & GUTTER	
(M) HMA FOR APPROACHES, TYPE B	(27) MULCHED SEEDING, U	



RECOMMENDED FOR APPROVAL	<i>Roy Carlsgaard</i>	4/1/19
DESIGNED:	RNC	DATE
DRAWN:	RNC	
CHECKED:	ADM	
	CHECKED:	ADM

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTIONS	
LINE "A" & "PR-B"	

HORIZONTAL SCALE	BRIDGE FILE
1"=2'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	4 of 60
CONTRACT	PROJECT
R-38008	1401684

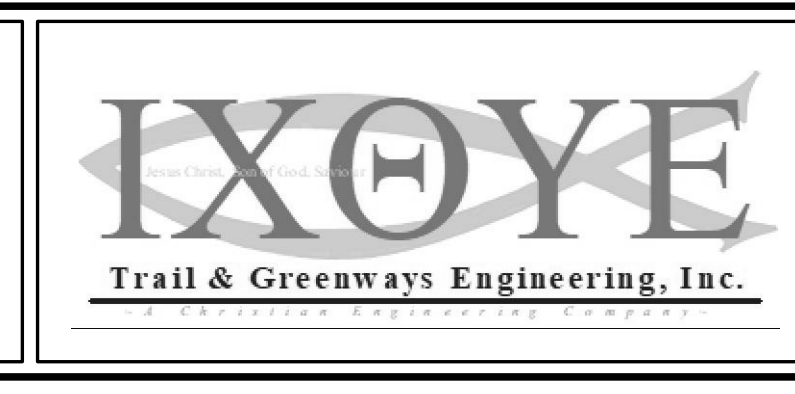


- PAVEMENT SECTION LEGEND**
- (K) HMA SIDEWALK (HMA TRAIL)
140 LB/SY HMA SURFACE TYPE B ON
220 LB/SY HMA INTERMEDIATE TYPE B ON
6" COMPACTED AGGREGATE, NO. 53, BASE ON
SUBGRADE TREATMENT, TYPE III AND/OR
SUBGRADE TREATMENT, TYPE II
 - (P) HMA PATCHING, TYPE C
165 LB/SY HMA SURFACE TYPE C ON
220 LB/SY HMA INTERMEDIATE TYPE C ON
275 LB/SY HMA BASE TYPE C ON
SUBGRADE TREATMENT, TYPE IC***
 - (P1) PCC BASE PATCHING, 8 IN. ON
SUBGRADE TREATMENT, TYPE IC***
 - (R) HMA MILL, 1.5 IN., WEDGE & RESURFACE
165 LB/SY QC/QA-HMA 3 70 SURFACE 9.5 mm ON
275 LB/SY HMA WEDGE & LEVEL, TYPE C ON
MILLING ASPHALT, 1-1/2 IN

NOTE: "PR" LINES TYPICALLY VARY FROM SURVEY LINES FOR FULL LENGTH OF LINES; INCONSISTENT WIDTHS - SEE PLANS

Date: Mar 30, 2019, 11:23am User ID: roy File: C:\00-PROJECTS\10089-BMILE MPD PLANK RD\DWG\04-05-Typical C-S.dwg

LEGEND		
(F) CONCRETE SIDEWALK	(10) FENCE, PEDESTRIAN, 4 FT.	(27) MULCHED SEEDING, U
(O) GRADED EARTH SHOULDER	(13) CONCRETE CURB	



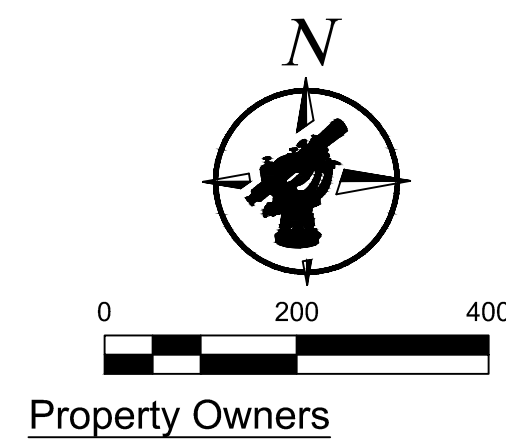
RECOMMENDED FOR APPROVAL *Ray Berglund* 4/1/19
DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

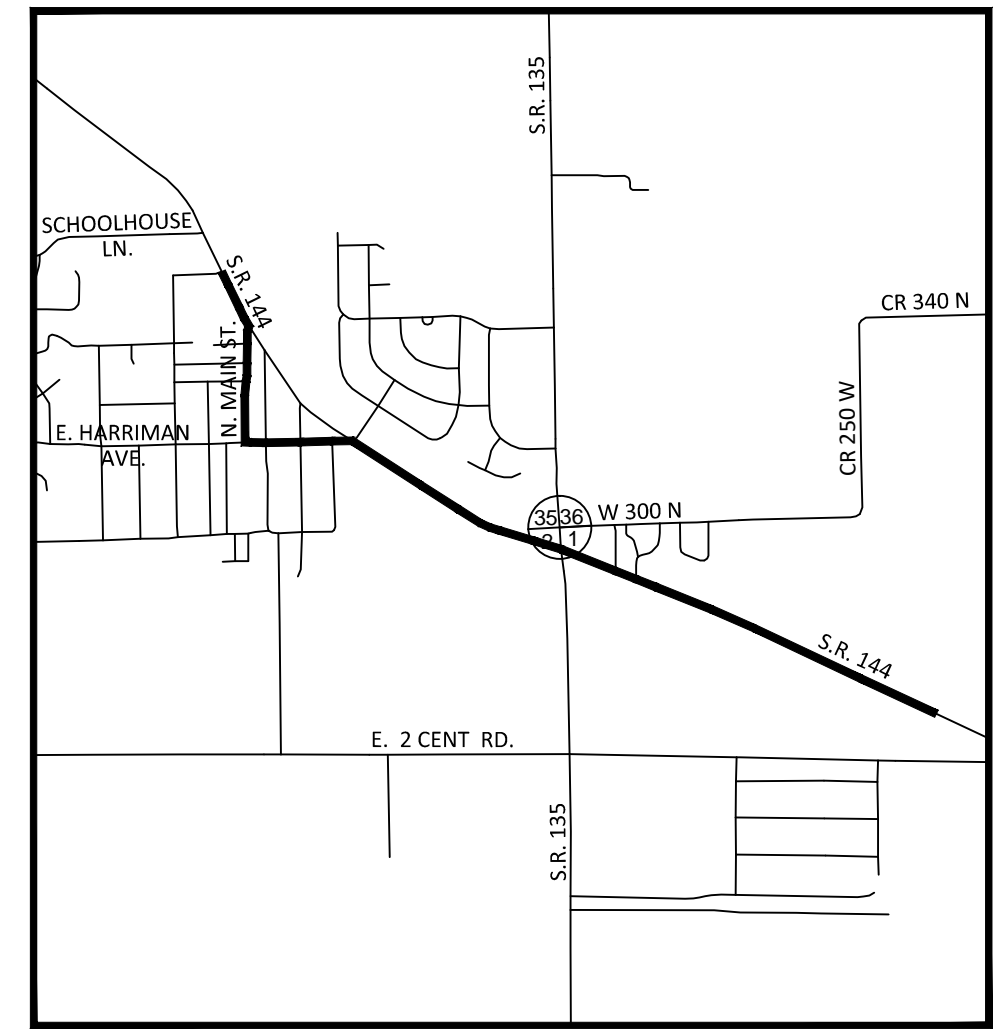
TYPICAL CROSS SECTIONS LINES "PR-C" & "PR-D"

HORIZONTAL SCALE	BRIDGE FILE
1"=2'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	5 of 60
CONTRACT	PROJECT
R-38008	1401684



Property Owners

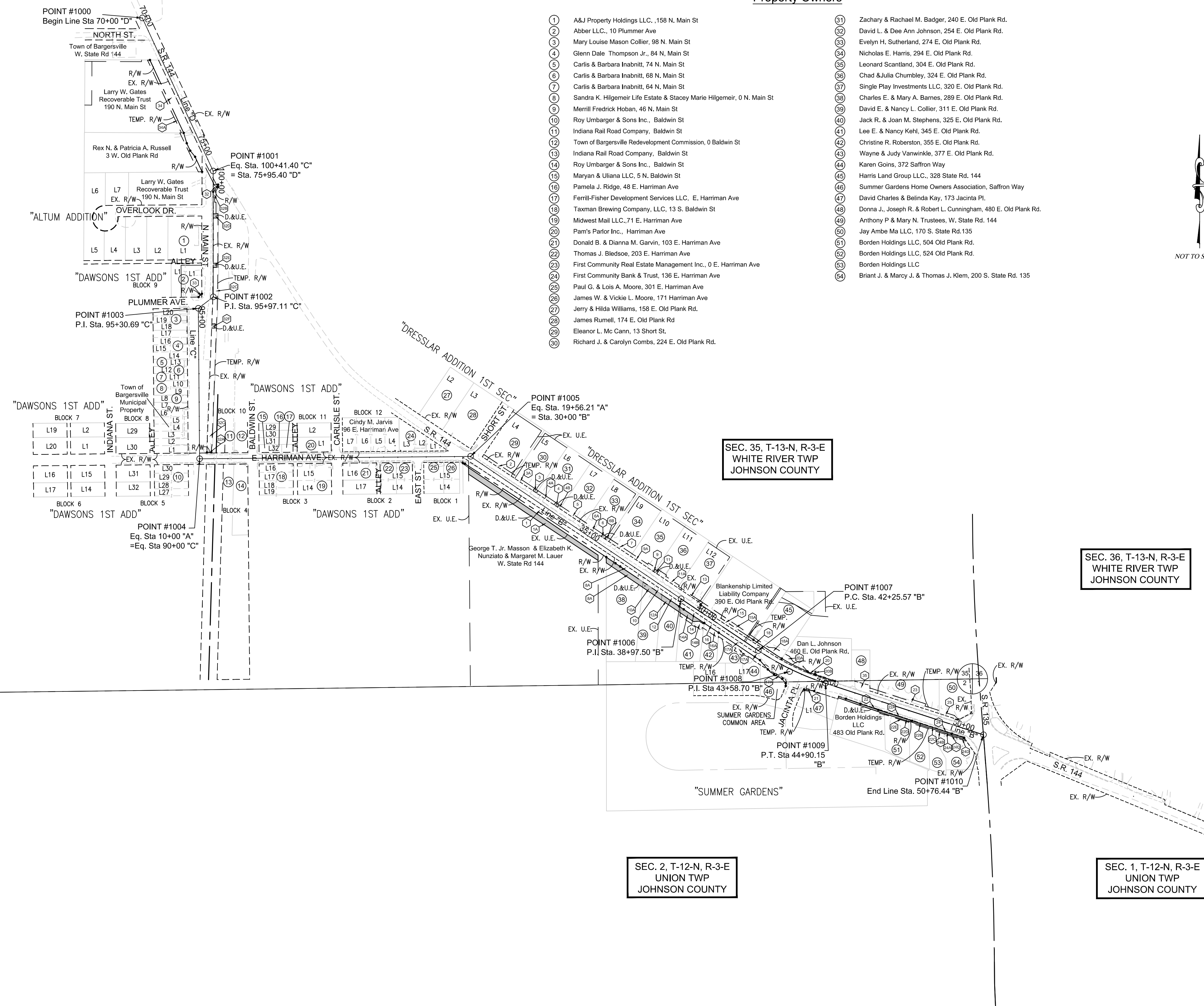
- | | | | |
|----|--|----|--|
| 1 | A&J Property Holdings LLC, 158 N. Main St | 31 | Zachary & Rachael M. Badger, 240 E. Old Plank Rd. |
| 2 | Abber LLC, 10 Plummer Ave | 32 | David L. & Dee Ann Johnson, 254 E. Old Plank Rd. |
| 3 | Mary Louise Mason Collier, 98 N. Main St | 33 | Evelyn H. Sutherland, 274 E. Old Plank Rd. |
| 4 | Glenn Dale Thompson Jr., 84 N. Main St | 34 | Nicholas E. Harris, 294 E. Old Plank Rd. |
| 5 | Carlis & Barbara Inabnitt, 74 N. Main St | 35 | Leonard Scantland, 304 E. Old Plank Rd. |
| 6 | Carlis & Barbara Inabnitt, 68 N. Main St | 36 | Chad & Julia Chumbley, 324 E. Old Plank Rd. |
| 7 | Carlis & Barbara Inabnitt, 64 N. Main St | 37 | Single Play Investments LLC, 320 E. Old Plank Rd. |
| 8 | Sandra K. Hilgemeir Life Estate & Stacey Marie Hilgemeir, 0 N. Main St | 38 | Charles E. & Mary A. Barnes, 289 E. Old Plank Rd. |
| 9 | Merrill Fredrick Hoban, 46 N. Main St | 39 | David E. & Nancy L. Collier, 311 E. Old Plank Rd. |
| 10 | Roy Umberger & Sons Inc., Baldwin St | 40 | Jack R. & Joan M. Stephens, 325 E. Old Plank Rd. |
| 11 | Indiana Rail Road Company, Baldwin St | 41 | Lee E. & Nancy Kehl, 345 E. Old Plank Rd. |
| 12 | Town of Bargersville Redevelopment Commission, 0 Baldwin St | 42 | Christine R. Roberston, 355 E. Old Plank Rd. |
| 13 | Indiana Rail Road Company, Baldwin St | 43 | Wayne & Judy Vanwinkle, 377 E. Old Plank Rd. |
| 14 | Roy Umberger & Sons Inc., Baldwin St | 44 | Karen Goins, 372 Saffron Way |
| 15 | Maryann & Uliana LLC, 5 N. Baldwin St | 45 | Harris Land Group LLC, 328 State Rd. 144 |
| 16 | Pamela J. Ridges, 48 E. Harriman Ave | 46 | Summer Gardens Home Owners Association, Saffron Way |
| 17 | Ferrill-Fisher Development Services LLC, E. Harriman Ave | 47 | David Charles & Belinda Kay, 173 Jacinta Pl. |
| 18 | Taxman Brewing Company, LLC, 13 S. Baldwin St | 48 | Donna J., Joseph R. & Robert L. Cunningham, 480 E. Old Plank Rd. |
| 19 | Midwest Mail LLC, 71 E. Harriman Ave | 49 | Anthony P. & Mary N. Trustees, W. State Rd. 144 |
| 20 | Pam's Parlor Inc., Harriman Ave | 50 | Jay Ambe Ma LLC, 170 S. State Rd. 135 |
| 21 | Donald B. & Dianna M. Garvin, 103 E. Harriman Ave | 51 | Borden Holdings LLC, 504 Old Plank Rd. |
| 22 | Thomas J. Bledsoe, 203 E. Harriman Ave | 52 | Borden Holdings LLC, 524 Old Plank Rd. |
| 23 | First Community Real Estate Management Inc., 0 E. Harriman Ave | 53 | Borden Holdings LLC |
| 24 | First Community Bank & Trust, 136 E. Harriman Ave | 54 | Briant J. & Marcy J. & Thomas J. Klem, 200 S. State Rd. 135 |
| 25 | Paul G. & Lois A. Moore, 301 E. Harriman Ave | | |
| 26 | James W. & Vickie L. Moore, 171 Harriman Ave | | |
| 27 | Jerry & Hilda Williams, 158 E. Old Plank Rd. | | |
| 28 | James Rumell, 174 E. Old Plank Rd | | |
| 29 | Eleanor L. Mc Cann, 13 Short St. | | |
| 30 | Richard J. & Carolyn Combs, 224 E. Old Plank Rd. | | |



Vicinity Map

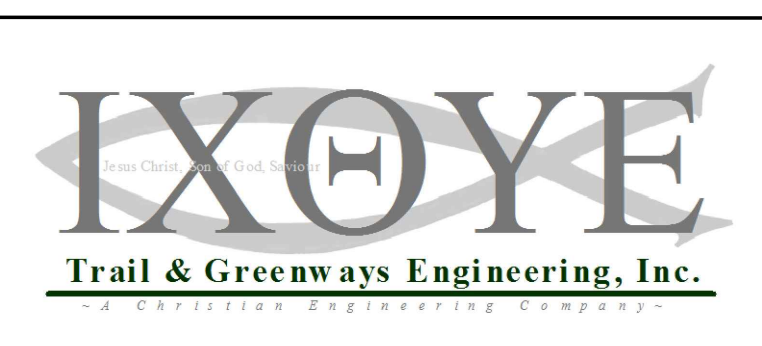
Legend

- DRAINAGE & UTILITY EASEMENT = D.&U.E.
- RIGHT OF WAY = R/W
- EXISTING RIGHT OF WAY = EX. R/W
- TEMPORARY RIGHT OF WAY = TEMP. R/W
- EXISTING EASEMENT = EX. U.E.
- LOT NUMBER = L#

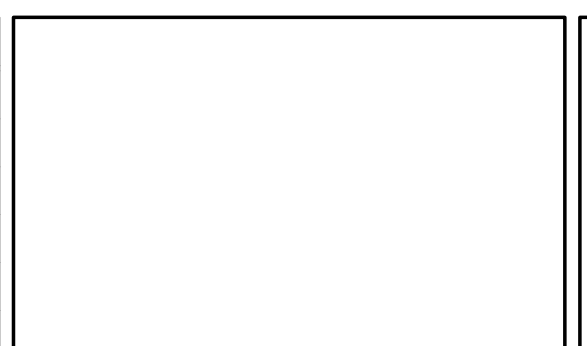


NOTE: ALL R/W DESCRIBED FROM LINES "A", "B", "B-1", "C" & "D"
 NOTE: SEE TRAIL PLANS FOR TRAIL CONSTRUCTION CENTER LINE ALIGNMENTS

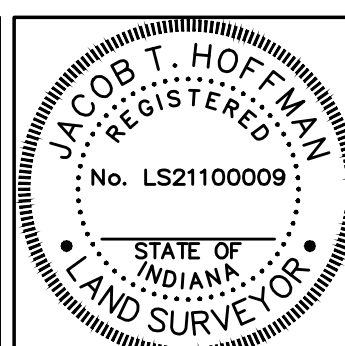
Date: Mar 08, 2018, 10:58am User: JD: jhoffman File: S:\Projects\2018\18-0109 Surveys\Location Control Plat 1.dwg



REVISIONS		
DATE	REVISION	BY



Engineering, Land Surveying
 Consulting & Inspection
 Diana Jo Smithers
 Professional Land Surveyor
 President / Owner
 Verma L.L. Thorpe
 Professional Engineer
 Vice President
 6125 South East Street, Suite "B"
 Indianapolis, Indiana 46227-2147
 Office: 317-884-3020
 www.nps.biz

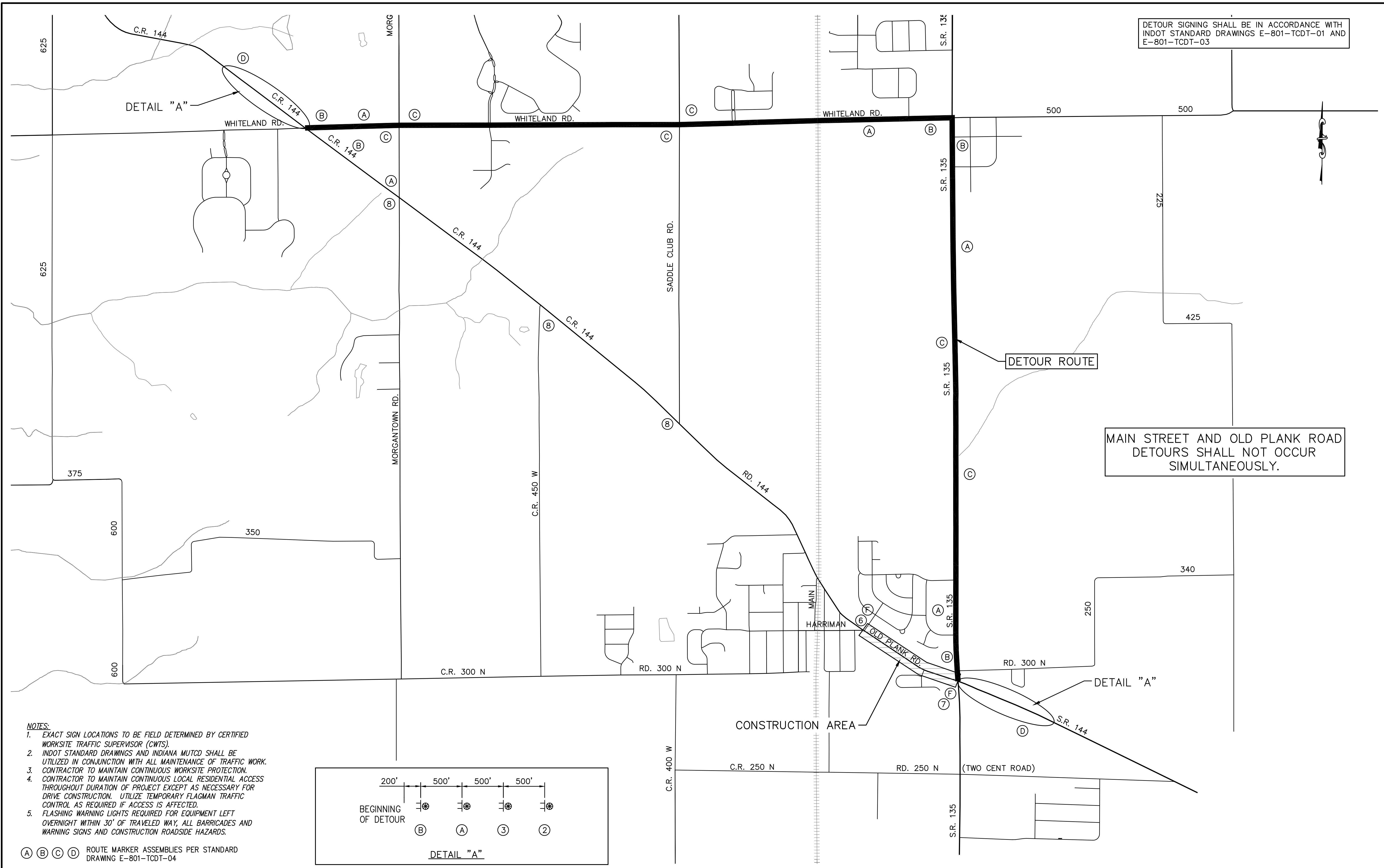


RECOMMENDED FOR APPROVAL: *Jacob T. Hoffmann* 03/08/2018
 DESIGN ENGINEER DATE
 DESIGNED: ERP DRAWN: ERP
 CHECKED: JTH CHECKED: JTH

INDIANA DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY PLANS
 BARGERSVILLE TRAIL PLAT NO. 1

HORIZONTAL SCALE 1"=200'	ROAD FILE
VERTICAL SCALE N/A	DESIGNATION 1401684
SURVEY BOOK ELECTRIC CONTRACT R-38008	SHEETS 6 of 60 PROJECT 1401684

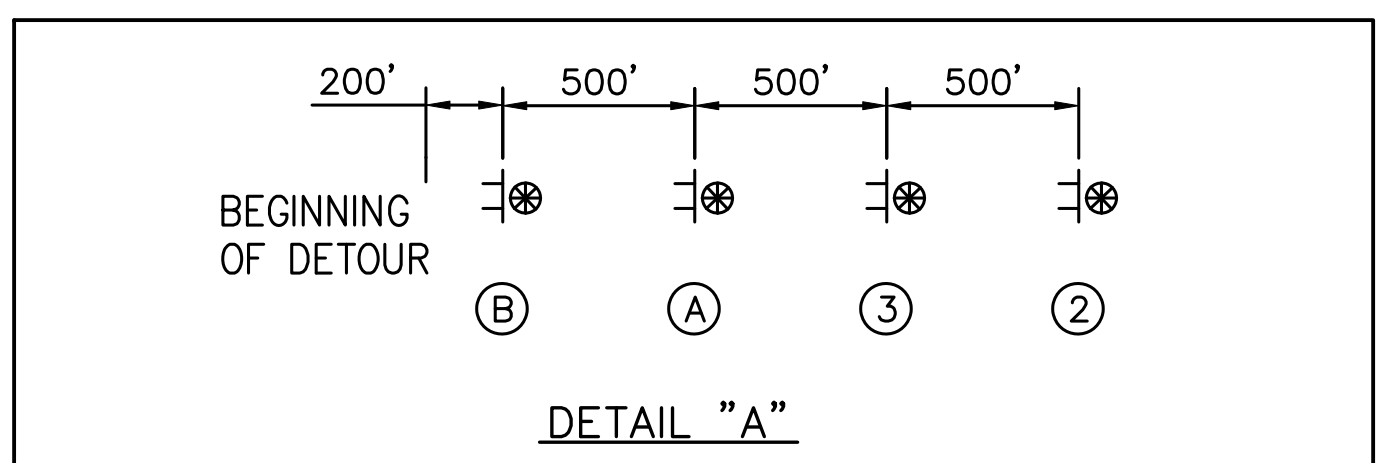
DETOUR SIGNING SHALL BE IN ACCORDANCE WITH INDOT STANDARD DRAWINGS E-801-TCDT-01 AND E-801-TCDT-03



DETOUR ROUTE

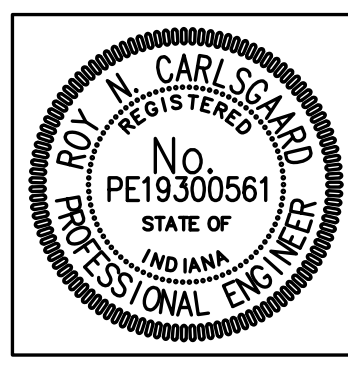
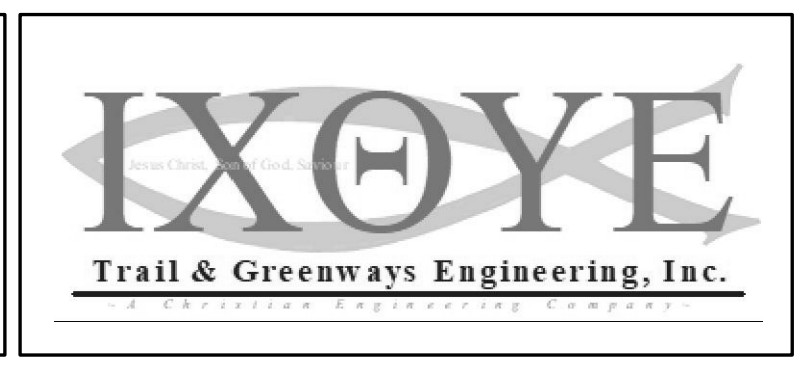
MAIN STREET AND OLD PLANK ROAD
DETOURS SHALL NOT OCCUR
SIMULTANEOUSLY.

- NOTES:**
- EXACT SIGN LOCATIONS TO BE FIELD DETERMINED BY CERTIFIED WORKSITE TRAFFIC SUPERVISOR (CWTS).
 - INDOT STANDARD DRAWINGS AND INDIANA MUTCD SHALL BE UTILIZED IN CONJUNCTION WITH ALL MAINTENANCE OF TRAFFIC WORK.
 - CONTRACTOR TO MAINTAIN CONTINUOUS WORKSITE PROTECTION.
 - CONTRACTOR TO MAINTAIN CONTINUOUS LOCAL RESIDENTIAL ACCESS THROUGHOUT DURATION OF PROJECT EXCEPT AS NECESSARY FOR DRIVE CONSTRUCTION. UTILIZE TEMPORARY FLAGMAN TRAFFIC CONTROL AS REQUIRED IF ACCESS IS AFFECTED.
 - FLASHING WARNING LIGHTS REQUIRED FOR EQUIPMENT LEFT OVERNIGHT WITHIN 30' OF TRAVELED WAY, ALL BARRICADES AND WARNING SIGNS AND CONSTRUCTION ROADSIDE HAZARDS.



(A) (B) (C) (D) ROUTE MARKER ASSEMBLIES PER STANDARD DRAWING E-801-TCDT-04

(1) ROAD CONSTRUCTION AHEAD (XW20-1)	(4) DETOUR, XM4-10(L)	(9) END CONSTRUCTION (G20-2)
(2) ROAD CLOSED AHEAD (XW20-3)	(6) ROAD CLOSED (R11-2)	(10) SIDEWALK CLOSED (R9-9)
(3) DETOUR AHEAD (XW20-2)	(7) ROAD CLOSED LOCAL TRAFFIC ONLY (R11-3)	(E) TYPE III-A BARRICADE
	(8) ROAD CLOSED X MILES (R11-3a)	(F) TYPE III-B BARRICADE



RECOMMENDED FOR APPROVAL: <i>Roy Carlsgaard</i> 4/1/19	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

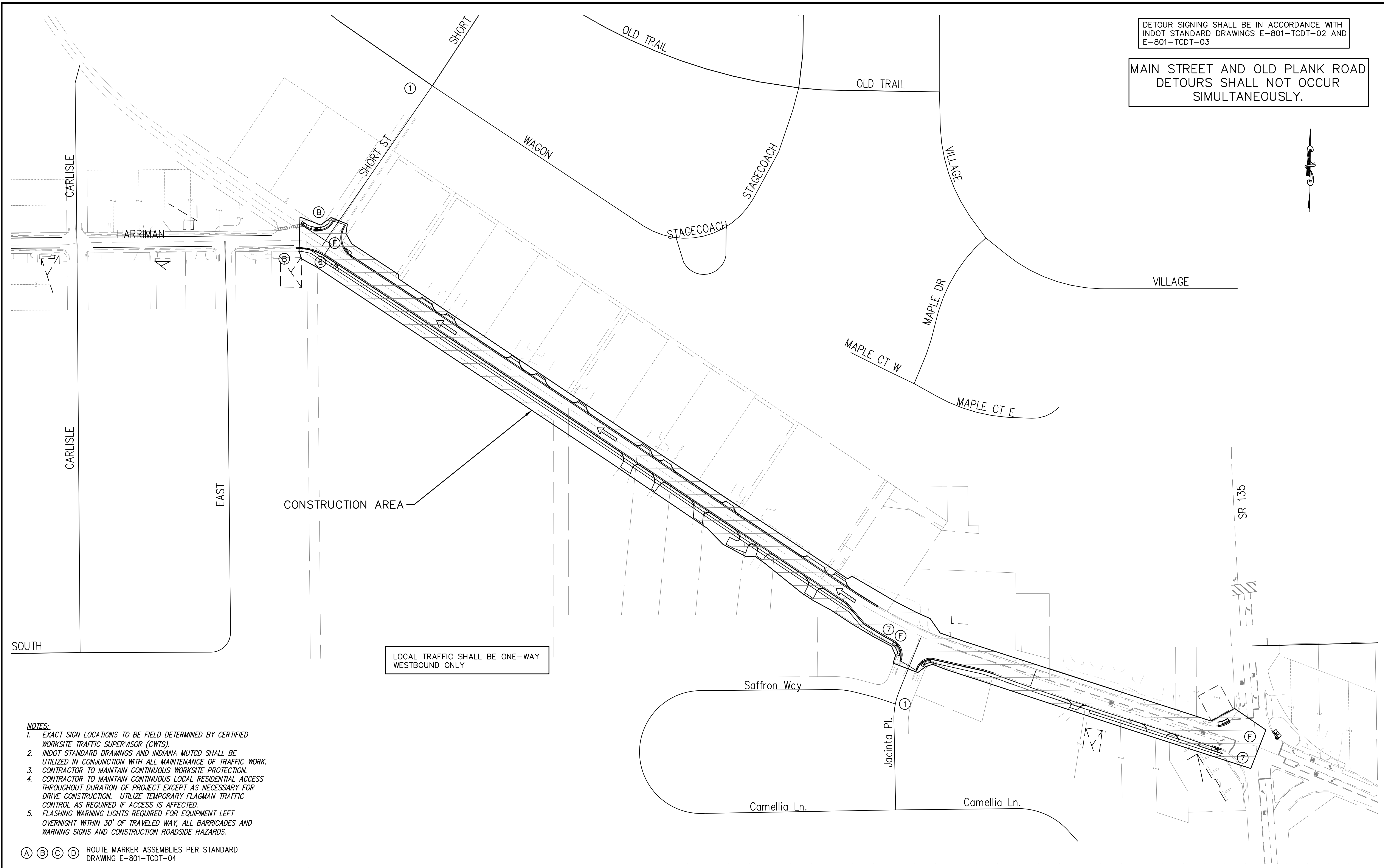
INDIANA DEPARTMENT OF TRANSPORTATION
**MAINTENANCE OF TRAFFIC
DETOUR - OLD PLANK ROAD**

HORIZONTAL SCALE	ROAD FILE
1"=80'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	7 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Mar 20, 2019, 11:23am User: RNC File: C:\09-Projects\1401684-01\09-12-19\1401684.dwg

DETOUR SIGNING SHALL BE IN ACCORDANCE WITH
INDOT STANDARD DRAWINGS E-801-TCDT-02 AND
E-801-TCDT-03

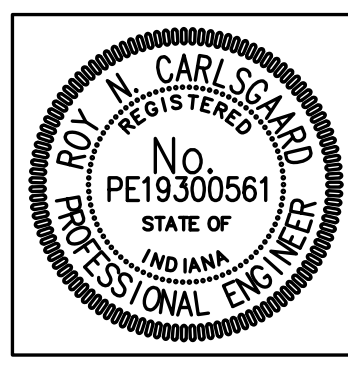
MAIN STREET AND OLD PLANK ROAD
DETOURS SHALL NOT OCCUR
SIMULTANEOUSLY.



- NOTES:**
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 - FLASHING WARNING LIGHTS REQUIRED FOR EQUIPMENT LEFT OVERNIGHT WITHIN 30' OF TRAVELED WAY, ALL BARRICADES AND WARNING SIGNS AND CONSTRUCTION ROADSIDE HAZARDS.

(A) (B) (C) (D) ROUTE MARKER ASSEMBLIES PER STANDARD DRAWING E-801-TCDT-04

(A) CONSTRUCTION AREA	(4) DETOUR, XM4-10(L)	(9) END CONSTRUCTION (G20-3)
(1) ROAD CONSTRUCTION AHEAD (XW20-1)	(6) ROAD CLOSED (R11-2)	(10) SIDEWALK CLOSED (R9-9)
(2) ROAD CLOSED AHEAD (XW20-3)	(7) ROAD CLOSED LOCAL TRAFFIC ONLY (R11-3)	(E) TYPE III-A BARRICADE
(3) DETOUR AHEAD (XW20-2)	(8) ROAD CLOSED X MILES (R11-3a)	(F) TYPE III-B BARRICADE



RECOMMENDED FOR APPROVAL: <i>Roy Carlsgaard</i> 4/1/19 DESIGN ENGINEER DATE
DESIGNED: RNC DRAWN: RNC
CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

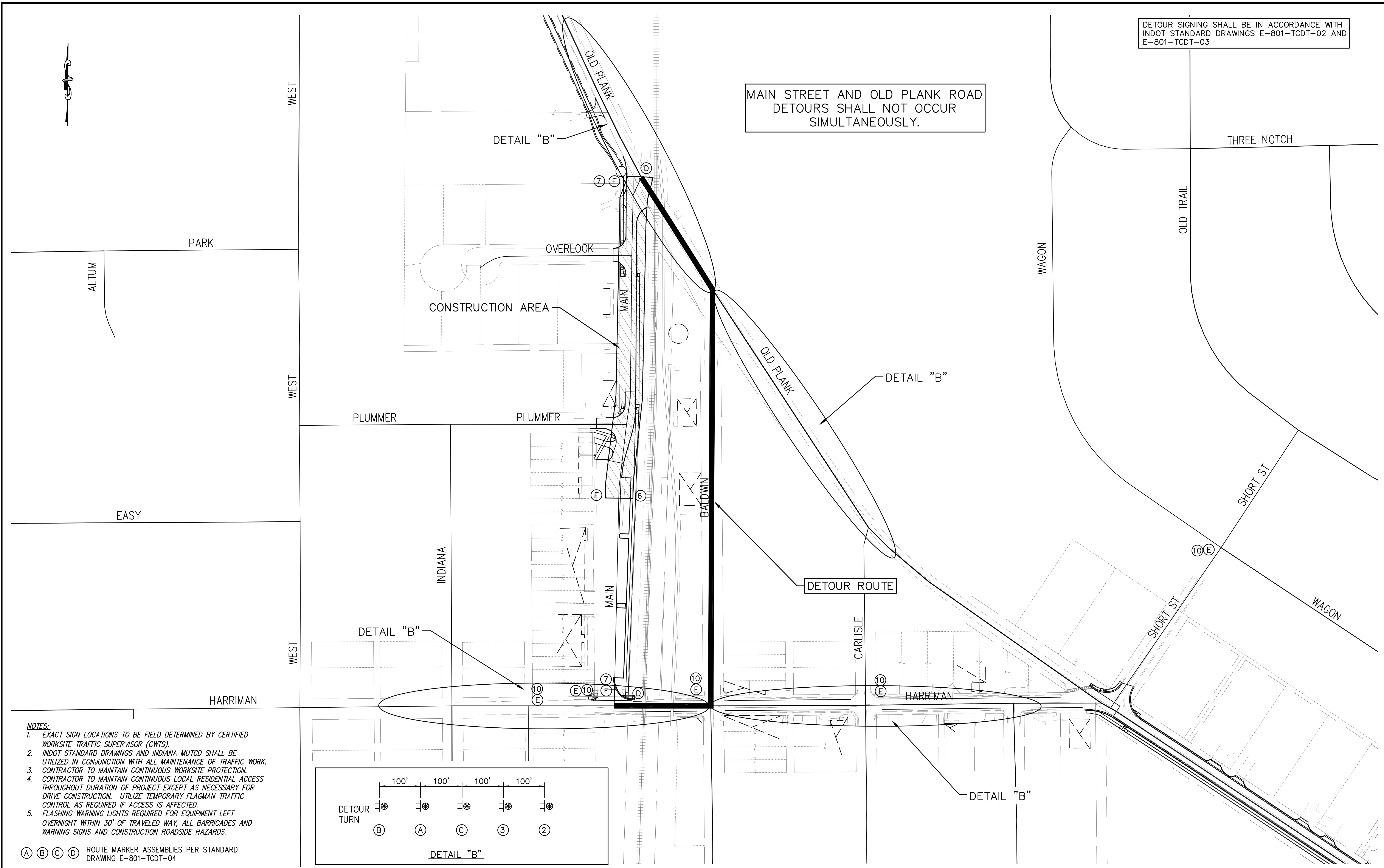
MAINTENANCE OF TRAFFIC DETAIL - OLD PLANK ROAD

HORIZONTAL SCALE 1"=80'	ROAD FILE
VERTICAL SCALE N/A	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 8 of 60
CONTRACT R-38008	PROJECT 1401684

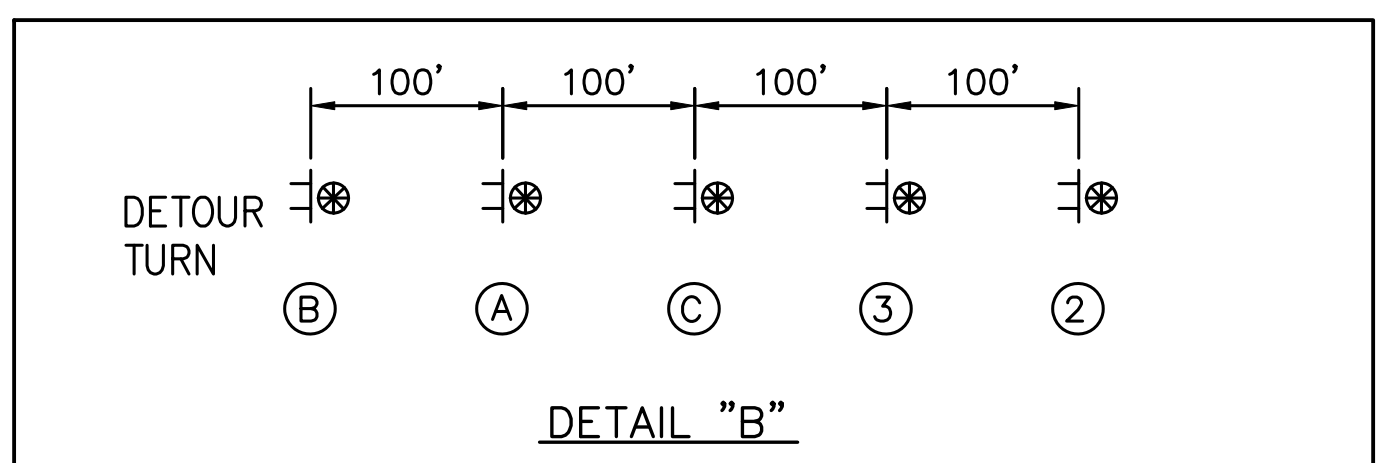
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DETOUR SIGNING SHALL BE IN ACCORDANCE WITH INDOT STANDARD DRAWINGS E-801-TCDT-02 AND E-801-TCDT-03

MAIN STREET AND OLD PLANK ROAD
DETOURS SHALL NOT OCCUR
SIMULTANEOUSLY.

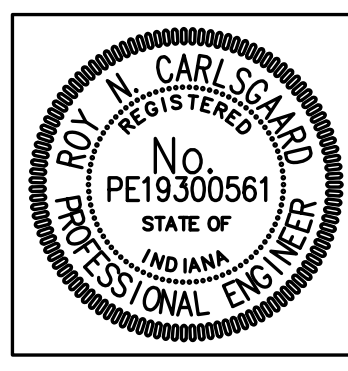
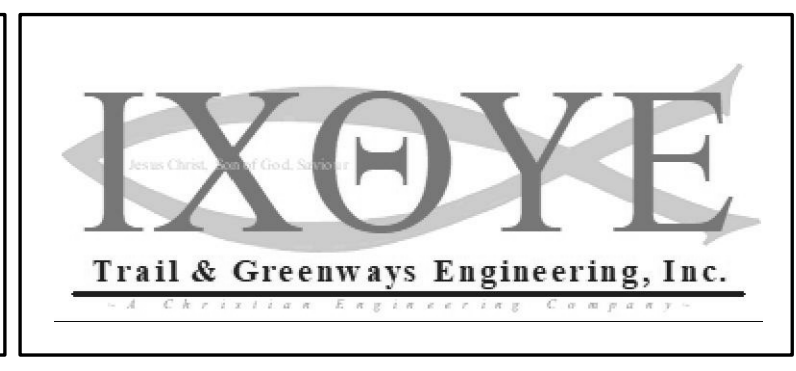


- NOTES:**
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 - CONTRACTOR TO MAINTAIN CONTINUOUS LOCAL RESIDENTIAL ACCESS THROUGHOUT DURATION OF PROJECT EXCEPT AS NECESSARY FOR DRIVE CONSTRUCTION. UTILIZE TEMPORARY FLAGMAN TRAFFIC CONTROL AS REQUIRED IF ACCESS IS AFFECTED.
 - FLASHING WARNING LIGHTS REQUIRED FOR EQUIPMENT LEFT OVERNIGHT WITHIN 30' OF TRAVELED WAY, ALL BARRICADES AND WARNING SIGNS AND CONSTRUCTION ROADSIDE HAZARDS.



(A) (B) (C) (D) ROUTE MARKER ASSEMBLIES PER STANDARD DRAWING E-801-TCDT-04

(1) ROAD CONSTRUCTION AHEAD (XW20-1)	(4) DETOUR, XM4-10(L)	(9) END CONSTRUCTION (G20-2)
(2) ROAD CLOSED AHEAD (XW20-3)	(6) ROAD CLOSED (R11-2)	(10) SIDEWALK CLOSED (R9-9)
(3) DETOUR AHEAD (XW20-2)	(7) ROAD CLOSED LOCAL TRAFFIC ONLY (R11-3)	(E) TYPE III-A BARRICADE
	(8) ROAD CLOSED X MILES (R11-3a)	(F) TYPE III-B BARRICADE



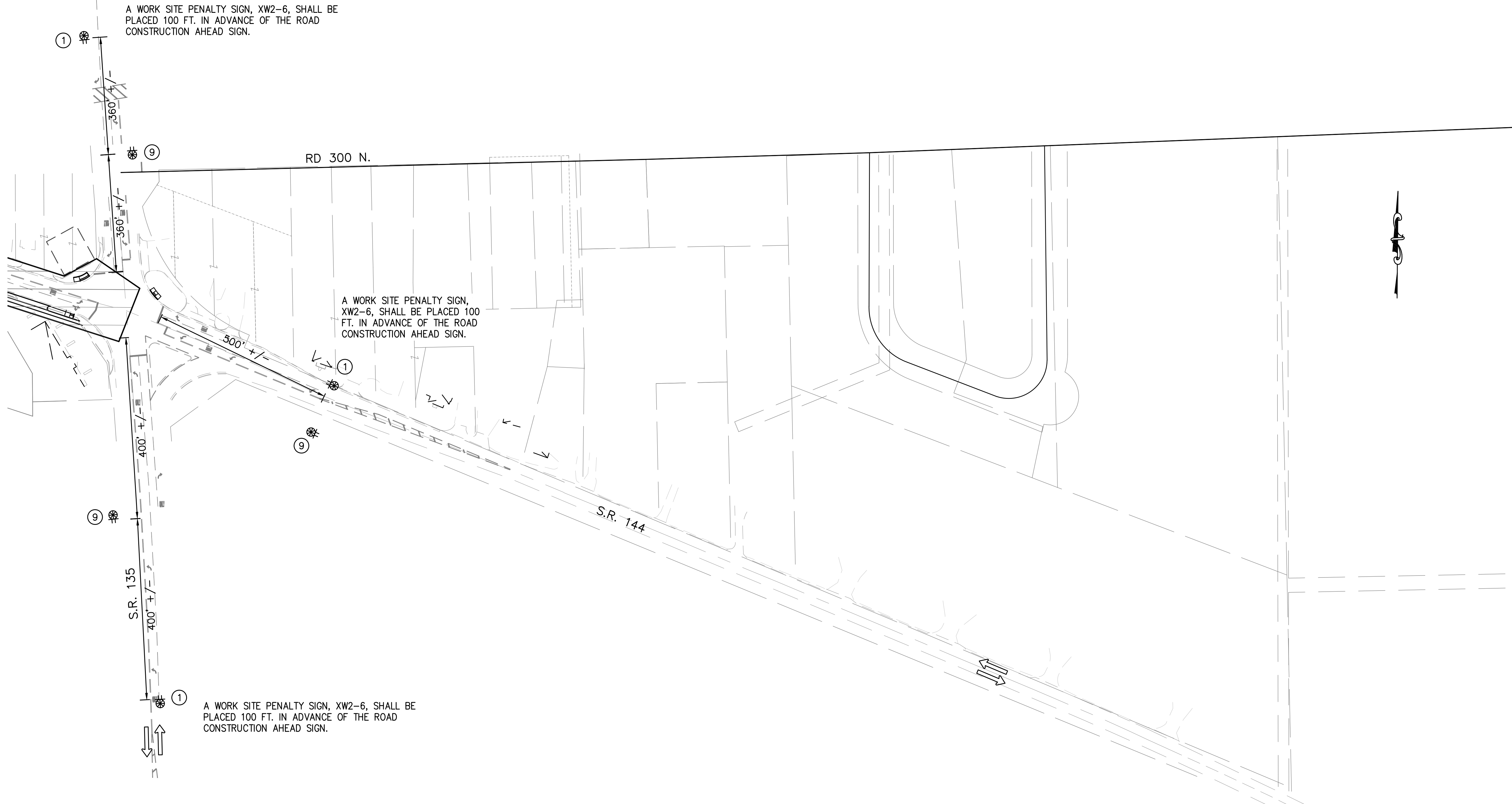
RECOMMENDED FOR APPROVAL: <i>Roy Carlsgaard</i> 4/1/19	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
DETOUR - MAIN STREET

HORIZONTAL SCALE	ROAD FILE
1"=80'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	9 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Mar 20, 2019, 11:23am User: lbj File: C:\09-PROJECTS\1401684-01\1401684-01.dwg Plot: 107-12-1401684.dwg

TYPICAL SHOULDER CONSTRUCTION AREA LAYOUT



- NOTES:**
- EXACT SIGN LOCATIONS TO BE FIELD DETERMINED BY CERTIFIED WORKSITE TRAFFIC SUPERVISOR (CWTS).
 - INDOT STANDARD DRAWINGS AND INDIANA MUTCD SHALL BE UTILIZED IN CONJUNCTION WITH ALL MAINTENANCE OF TRAFFIC WORK.
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 - CONTRACTOR TO MAINTAIN CONTINUOUS PEDESTRIAN THROUGH-MOVEMENTS THROUGHOUT DURATION OF PROJECT. UTILIZE PEDESTRIAN TRAFFIC CONTROL AS REQUIRED IF PEDESTRIAN AND/OR ACCESSIBLE ROUTES ARE AFFECTED.
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LEGEND

- ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
- ⊥ TYPICAL SIGN
- STANDARD CHANNELIZING DEVICE

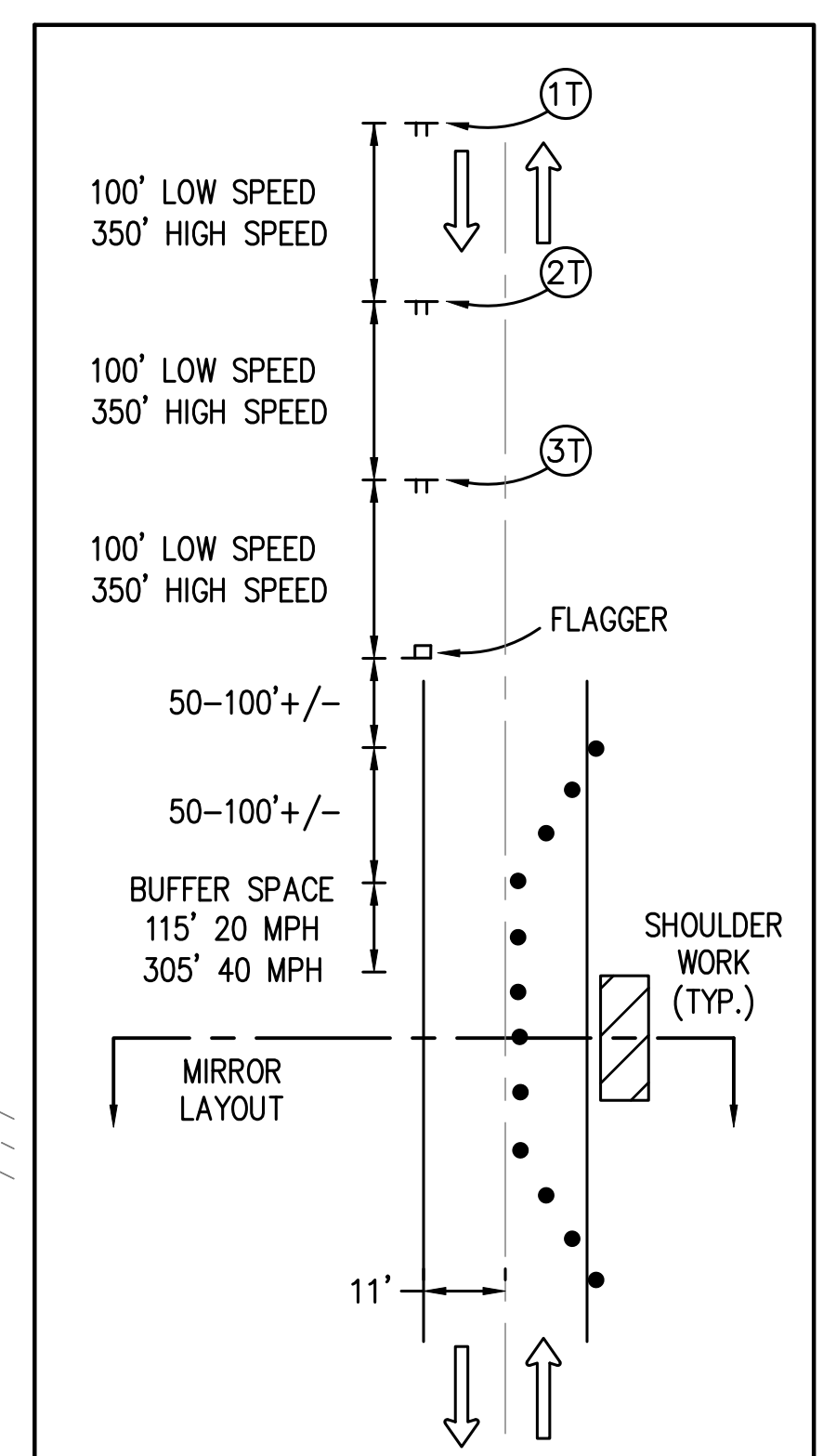
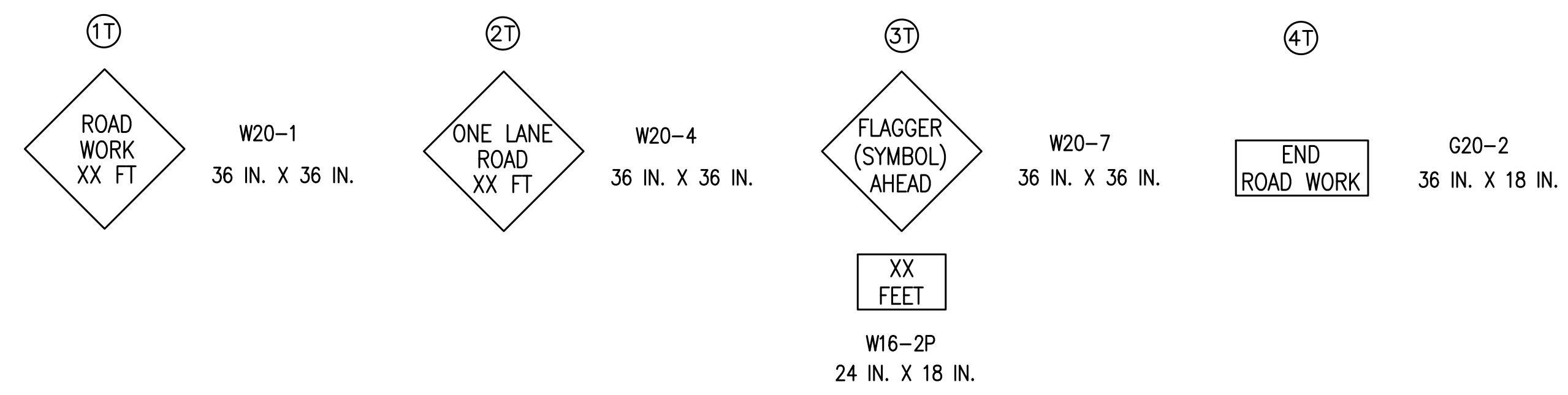
- POSTED SPEED LIMITS**
- C.R. 144: 45 MPH
 - WHITELAND ROAD: 45 MPH
 - S.R. 135 (SOUTH OF WHITELAND RD): 50 MPH
 - S.R. 135 (AT S.R. 144): 40 MPH
 - S.R. 144: 40 MPH
 - OLD PLANK ROAD: 30 MPH
 - HARRIMAN AVENUE: 20 MPH
 - MAIN STREET: 20 MPH

A WORK SITE PENALTY SIGN, XW2-6, SHALL BE PLACED 100 FT. IN ADVANCE OF THE ROAD CONSTRUCTION AHEAD SIGN.

A WORK SITE PENALTY SIGN, XW2-6, SHALL BE PLACED 100 FT. IN ADVANCE OF THE ROAD CONSTRUCTION AHEAD SIGN.

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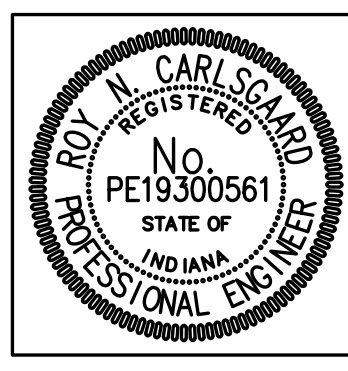
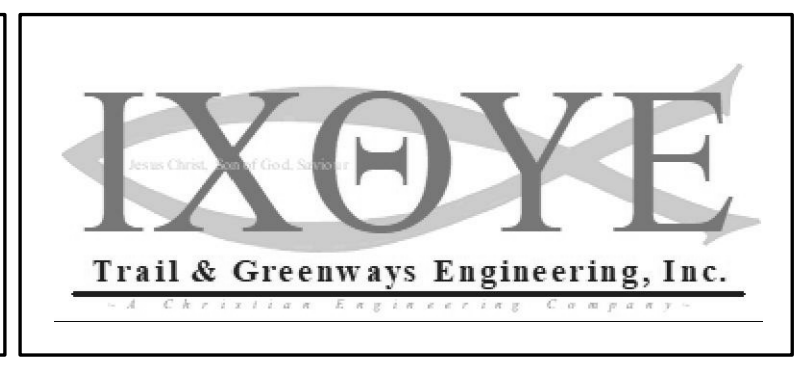
TEMPORARY CONSTRUCTION SIGNS



TEMPORARY OPERATIONS DETAIL

(A) (B) (C) (D) ROUTE MARKER ASSEMBLIES PER STANDARD DRAWING E-801-TCDT-04

<ul style="list-style-type: none"> ① ROAD CONSTRUCTION AHEAD (XW20-1) ② ROAD CLOSED AHEAD (XW20-2) ③ DETOUR AHEAD (XW20-3) ④ DETOUR, XM4-10(L) ⑥ ROAD CLOSED (R11-2) ⑦ ROAD CLOSED LOCAL TRAFFIC ONLY (R11-3) ⑧ ROAD CLOSED X MILES (R11-3a) ⑨ END CONSTRUCTION (G20-2) ⑩ SIDEWALK CLOSED (R9-9) Ⓔ TYPE III-A BARRICADE Ⓕ TYPE III-B BARRICADE



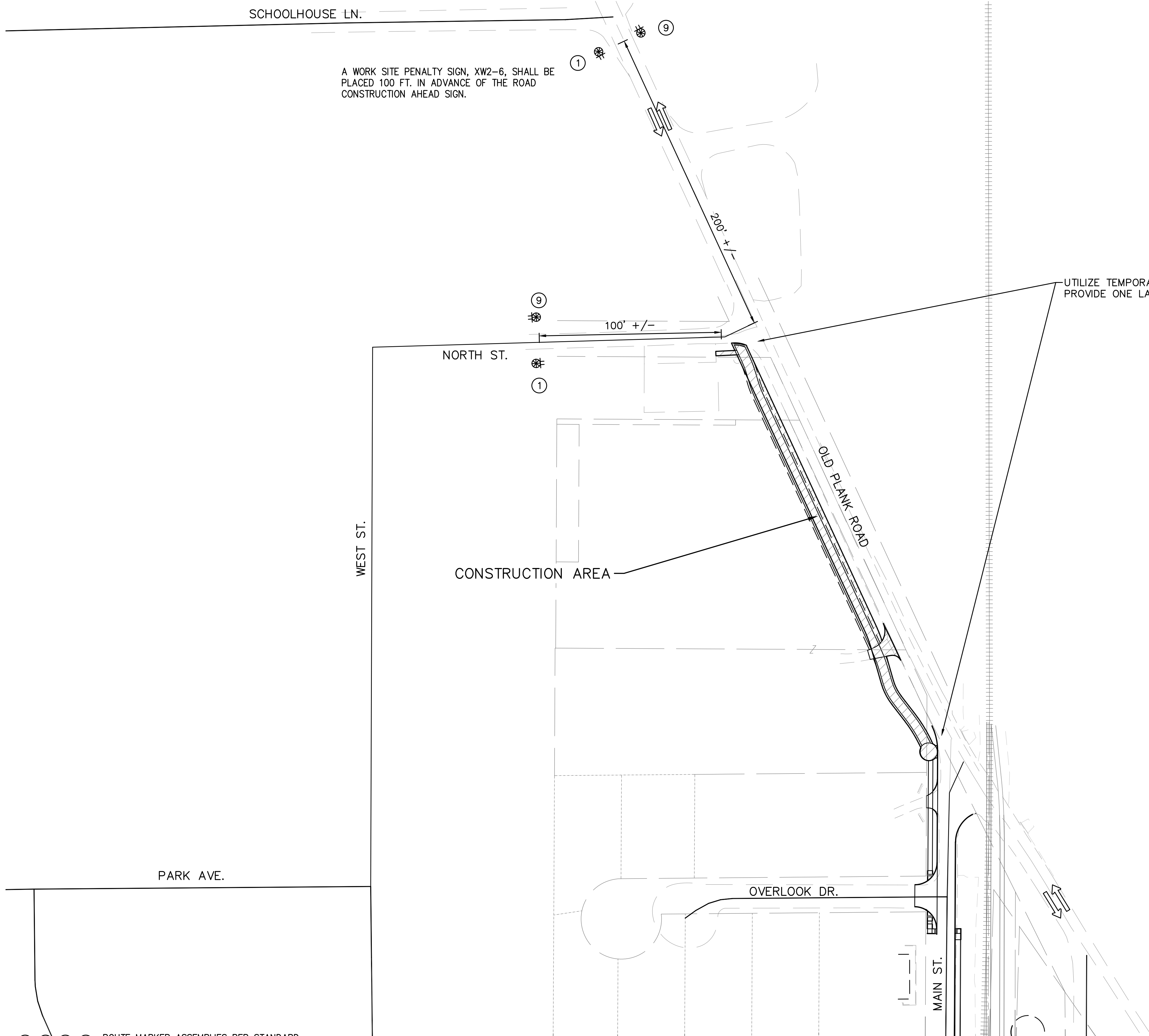
RECOMMENDED FOR APPROVAL: <i>Roy Carlsgaard</i> 4/1/19	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC DETAIL - S.R. 144

HORIZONTAL SCALE	ROAD FILE
1"=75'	DESIGNATION
VERTICAL SCALE	1401684
N/A	
SURVEY BOOK	SHEETS
ELECTRONIC	10 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Mar 20, 2019, 11:24am User: lbj roy File: C:\06-PROJECTS\1401684-SHELLS\INDOT\PLANK RD\DWG\107-12-MOT Plans.dwg

TYPICAL OFF-SHOULDER CONSTRUCTION AREA LAYOUT



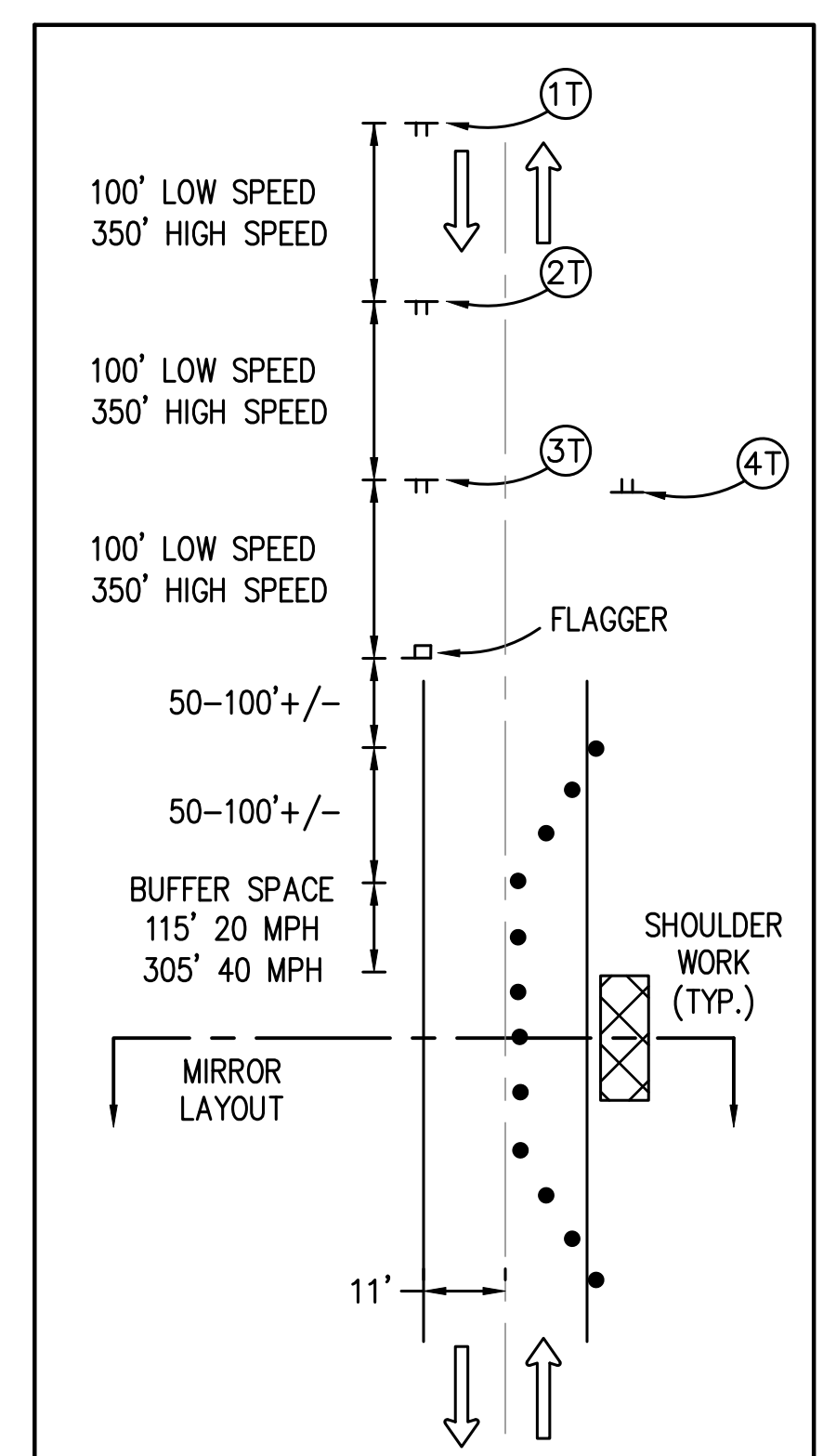
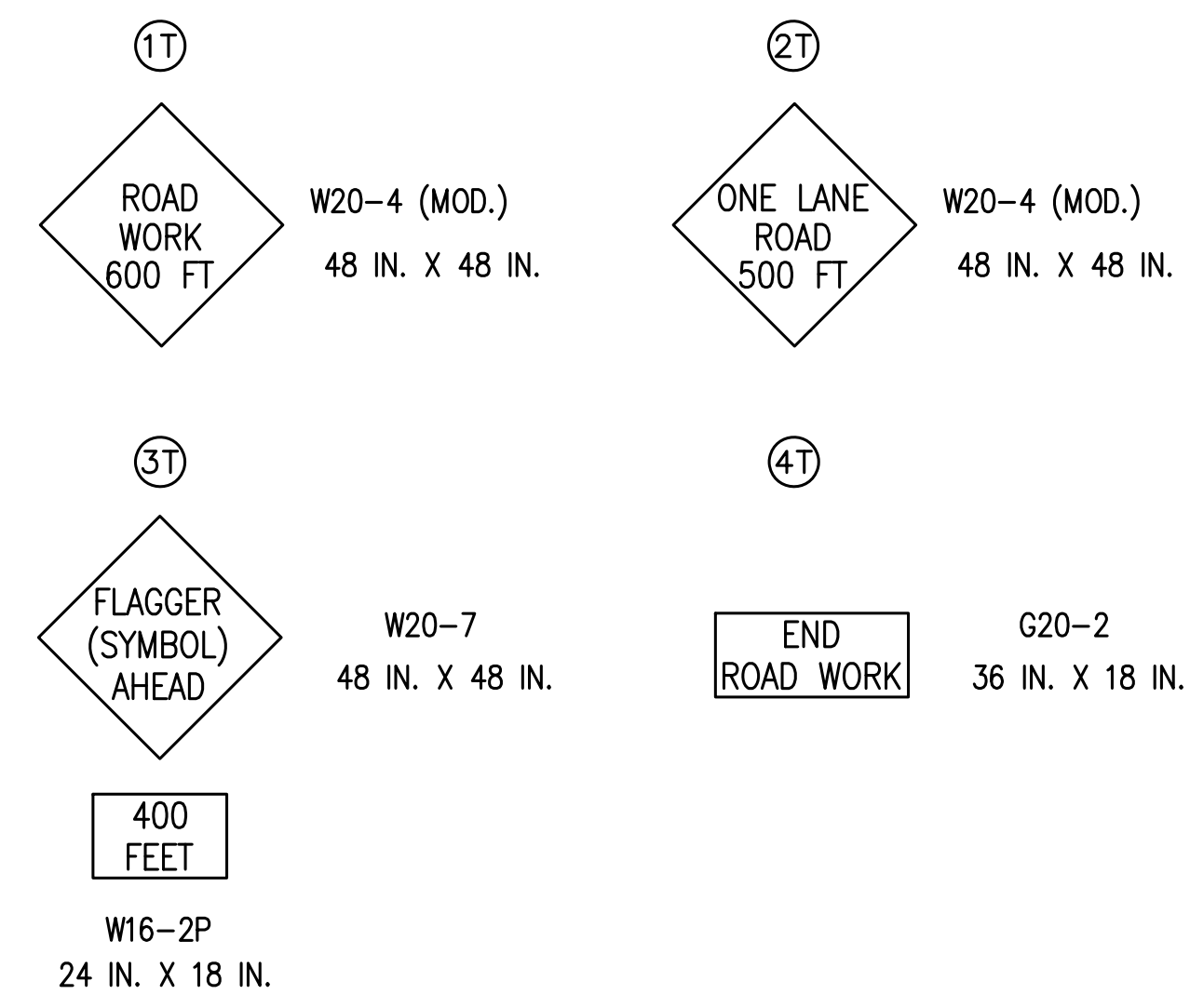
- NOTES:**
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 5. FLASHING WARNING LIGHTS REQUIRED FOR EQUIPMENT LEFT OVERNIGHT WITHIN 30' OF TRAVELED WAY. ALL BARRICADES AND WARNING SIGNS AND CONSTRUCTION ROADSIDE HAZARDS.

LEGEND

- CONSTRUCTION AREA
- TYPE III-A OR B BARRICADE
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TYPICAL SIGN
- STANDARD CHANNELIZING DEVICE

- POSTED SPEED LIMITS**
- C.R. 144: 45 MPH
 - WHITELAND ROAD: 45 MPH
 - S.R. 135 (SOUTH OF WHITELAND RD): 50 MPH
 - S.R. 135 (AT S.R. 144): 40 MPH
 - S.R. 144: 40 MPH
 - OLD PLANK ROAD: 30 MPH
 - HARRIMAN AVENUE: 20 MPH
 - MAIN STREET: 20 MPH

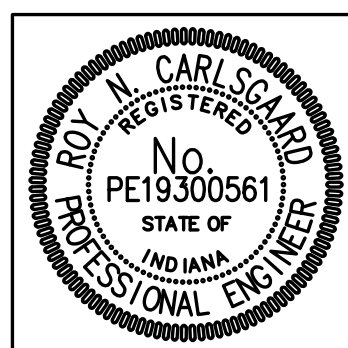
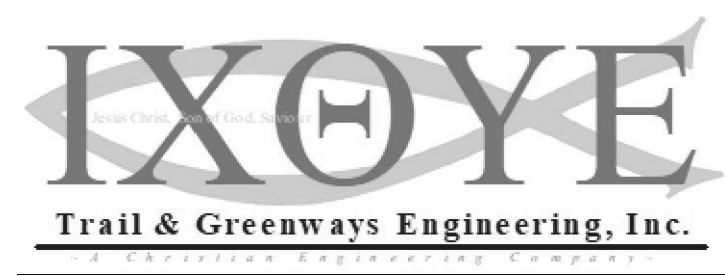
TEMPORARY CONSTRUCTION SIGNS



TEMPORARY OPERATIONS DETAIL

(A) (B) (C) (D) ROUTE MARKER ASSEMBLIES PER STANDARD DRAWING E-801-TCDT-04

- CONSTRUCTION AREA
- ① ROAD CONSTRUCTION AHEAD (XW20-1)
- ② ROAD CLOSED AHEAD (XW20-3)
- ③ DETOUR AHEAD (XW20-2)
- ④ DETOUR, XM4-10(L)
- ⑥ ROAD CLOSED (R11-2)
- ⑦ ROAD CLOSED LOCAL TRAFFIC ONLY (R11-3)
- ⑧ ROAD CLOSED X MILES (R11-3a)
- ⑨ END CONSTRUCTION (G20-2)
- ⑩ SIDEWALK CLOSED (R9-9)
- (E) TYPE III-A BARRICADE
- (F) TYPE III-B BARRICADE



RECOMMENDED FOR APPROVAL: *Roy Carlsgaard* 4/1/19
DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
CHECKED: ADM CHECKED: ADM

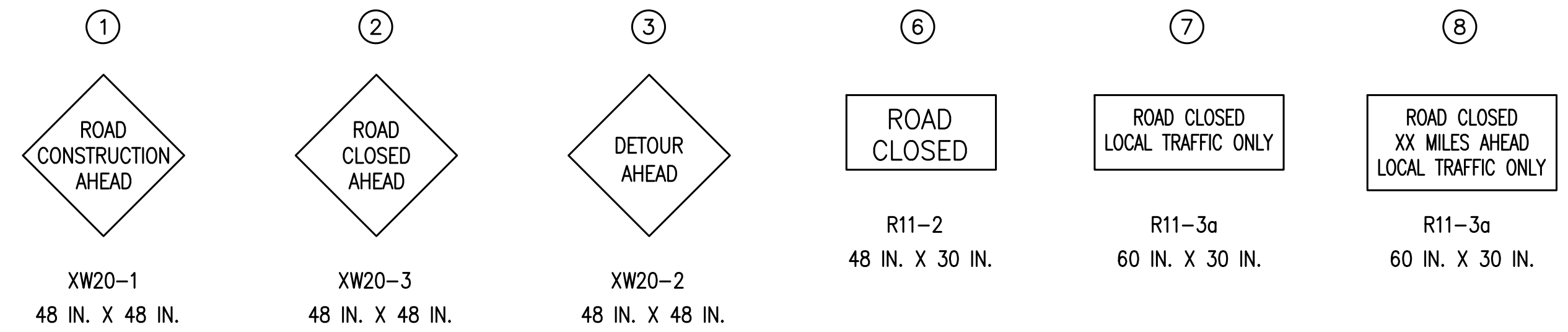
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAIL - LINE "D"

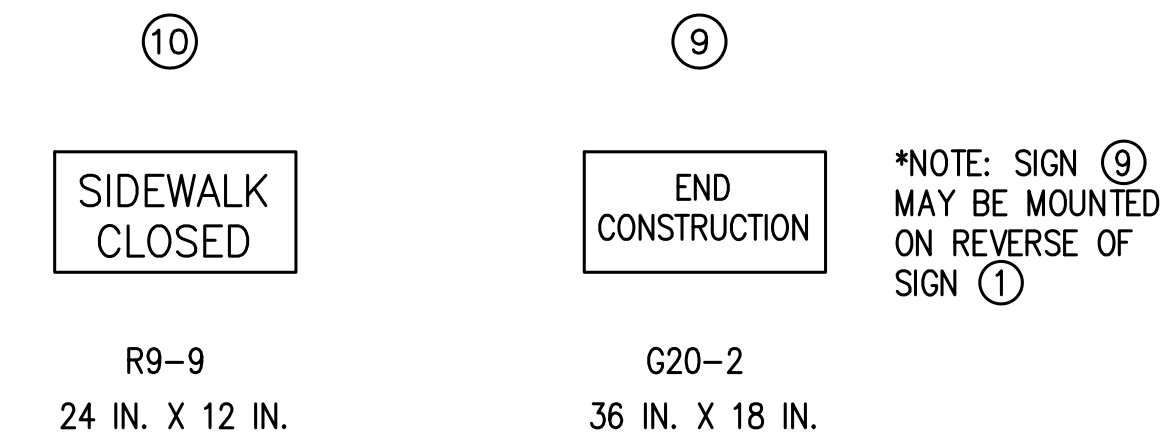
HORIZONTAL SCALE	ROAD FILE
1"=60'	1401684
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	11 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Mar 20, 2019, 11:24am User: ID: roy File: C:\00-PROJECTS\1401684-000-000-000\107-12-MOT Plans.dwg

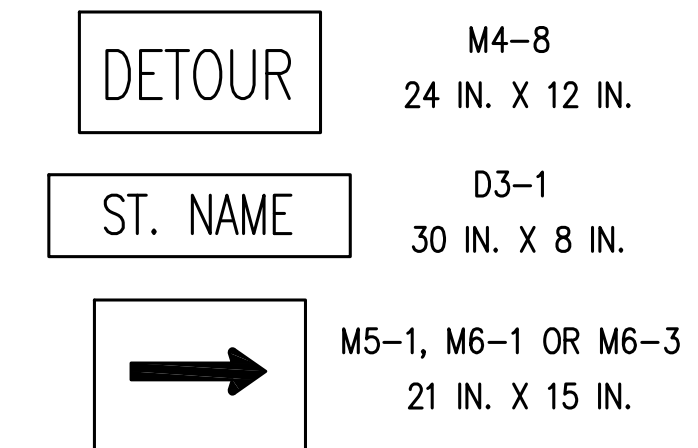
CONSTRUCTION SIGNS, TYPE "A"



CONSTRUCTION SIGNS, TYPE "B"



DETOUR ASSEMBLY



LEGEND

- CONSTRUCTION AREA
- TYPE III-A OR B BARRICADE
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TYPICAL SIGN
- STANDARD CHANNELIZING DEVICE

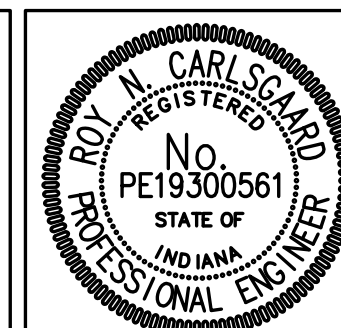
TABLE OF QUANTITIES

ITEM	UNIT	TOTAL
CONSTRUCTION SIGNS, TYPE "A"	EACH	32
CONSTRUCTION SIGNS, TYPE "B"	EACH	14
BARRICADE, TYPE III-A	L.F.	20
BARRICADE, TYPE III-B	L.F.	120
DETOUR ASSEMBLY	EACH	34
ROAD CLOSURE SIGN ASSEMBLY	EACH	6

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- ② ROAD CLOSED AHEAD (XW20-3)
- ③ DETOUR AHEAD (XW20-2)
- ④ DETOUR, XM4-10(L)
- ⑥ ROAD CLOSED (R11-2)
- ⑦ ROAD CLOSED LOCAL TRAFFIC ONLY (R11-3)
- ⑧ ROAD CLOSED X MILES (R11-3a)
- ⑨ END CONSTRUCTION (G20-2)
- ⑩ SIDEWALK CLOSED (R9-9)
- (E) TYPE III-A BARRICADE
- (F) TYPE III-B BARRICADE

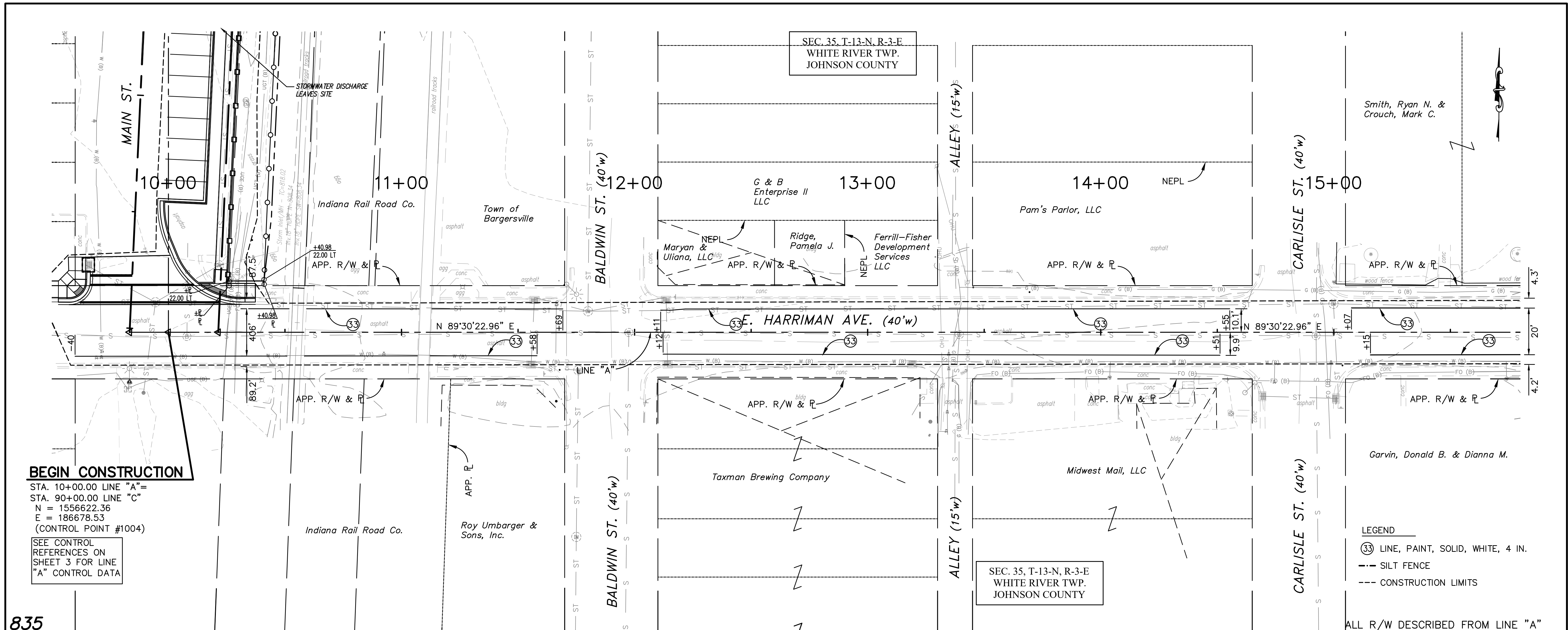


RECOMMENDED FOR APPROVAL: <i>Roy Carlsgaard</i> 4/1/19	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS

HORIZONTAL SCALE	ROAD FILE
1"=80'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	12 of 60
CONTRACT	PROJECT
R-38008	1401684



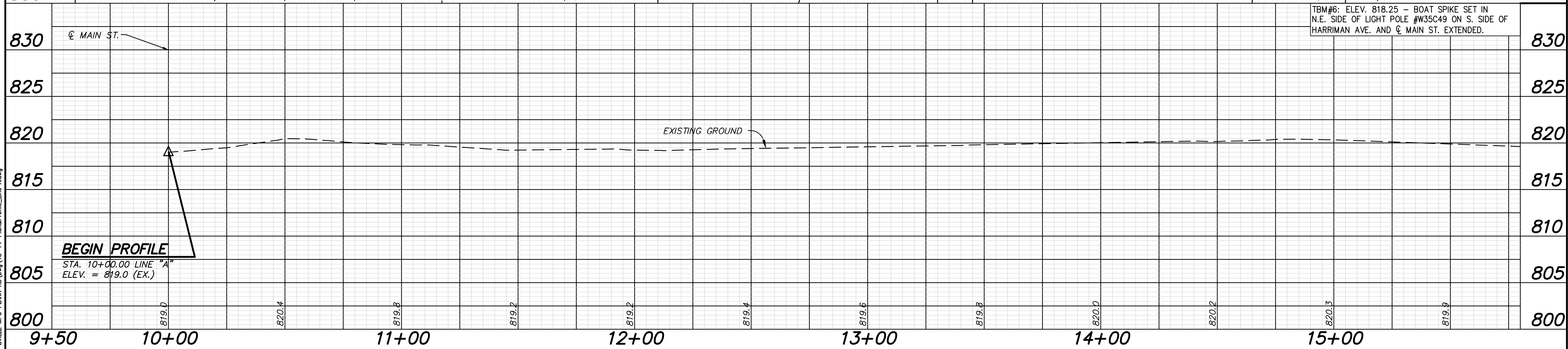
BEGIN CONSTRUCTION

STA. 10+00.00 LINE "A" =
 STA. 90+00.00 LINE "C"
 N = 1556622.36
 E = 186678.53
 (CONTROL POINT #1004)

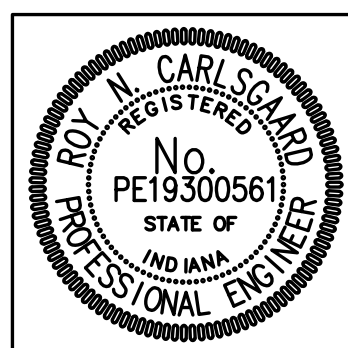
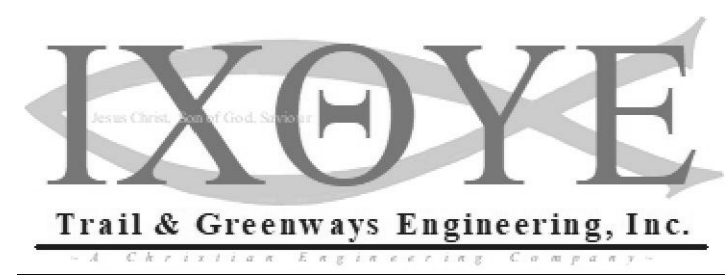
SEE CONTROL
 REFERENCES ON
 SHEET 3 FOR LINE
 "A" CONTROL DATA

- LEGEND**
- ③ LINE, PAINT, SOLID, WHITE, 4 IN.
 - SILT FENCE
 - CONSTRUCTION LIMITS

ALL R/W DESCRIBED FROM LINE "A"



Date: Mar 30, 2019, 11:24am User ID: rnc File: C:\00-PROJECTS\0000-0111\13-14-Plan&Profile_Line_A.dwg



RECOMMENDED FOR APPROVAL: *Roy N. Carlsgaard* 4/1/19
 DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE
 LINE "A" (HARRIMAN AVE.)**

HORIZONTAL SCALE 1"=20'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	13 of 60
CONTRACT R-38008	PROJECT 1401684

BEGIN CONSTRUCTION

STA. 30+00.00 LINE "PR-B"
 STA. 30+00.00 LINE "B", 6.69' RT
 N = 1556630.60
 E = 187634.70
 (CONTROL POINT#1005)

SEE CONTROL REFERENCES ON SHEET 3 FOR LINE "B" CONTROL DATA
 ALL PROPOSED STATIONING & CALLOUTS ARE FROM LINE "PR-B" EXCEPT RIGHT-OF-WAY (TYPICAL ALL SHEETS)

SEC. 35, T-13-N, R-3-E
 WHITE RIVER TWP.
 JOHNSON COUNTY

SEE HAWK SIGNAL PLANS, SHEET #22
 McCann, Eleanor L.

+25 STR. NO. 11
 INLET TYPE H-5 & 23 L.F. OF 12 IN. RCP CL. III & 70 L.F. OF 12 IN. SLOTTED DRAIN REQ'D (35 L.F. EACH WAY)
 P.I. = 31+91.83 "PR-B"
 Delta = 0'35"17"
 R = 3000.00'
 L = 30.79'
 T = 15.40'

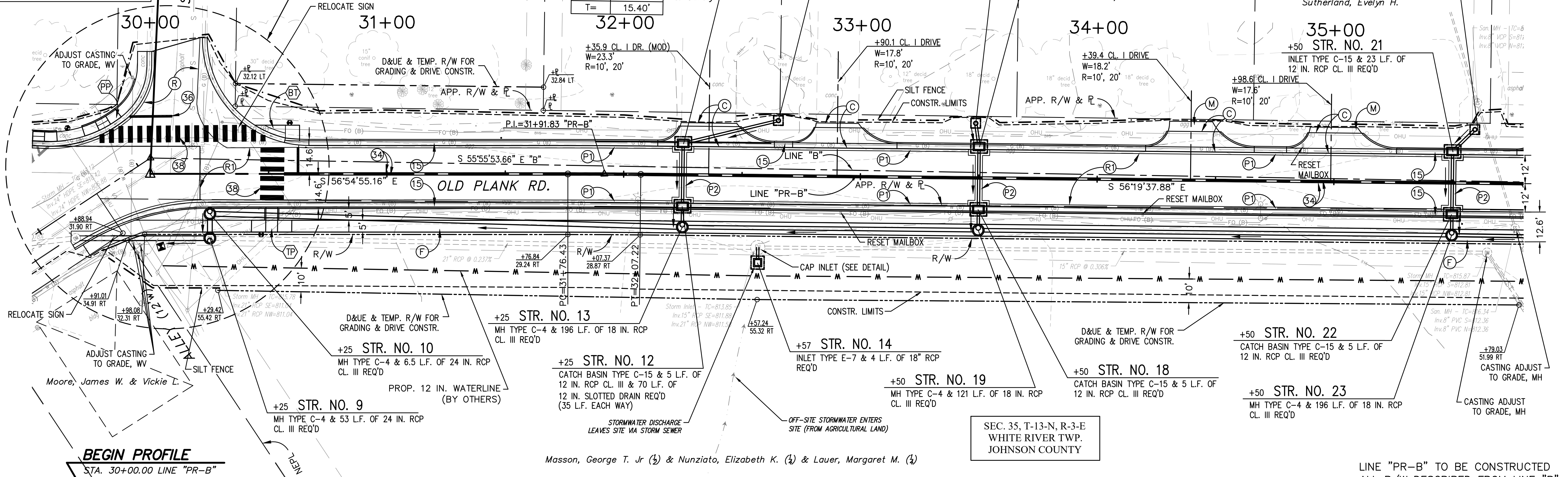
Combs, J. Richard & Carolyn

+48 STR. NO. 16
 18 IN. PIPE CATCH BASIN & 7 L.F. OF 12 IN. RCP CL. III REQ'D

+63 STR. NO. 15
 18 IN. PIPE CATCH BASIN & 39 L.F. OF 12 IN. RCP CL. III REQ'D
 Badger, Zachary & Rachael M.

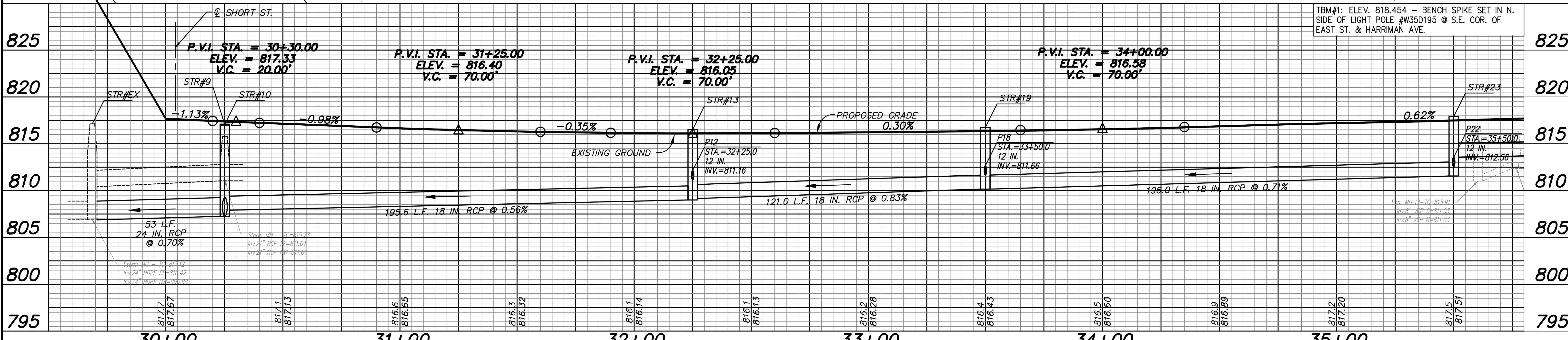
+50 STR. NO. 17
 INLET TYPE C-15 & 23 L.F. OF 12 IN. RCP CL. III REQ'D
 Johnson, L. David & Dee Ann

+61 STR. NO. 20
 18 IN. PIPE CATCH BASIN & 11 L.F. OF 12 IN. RCP CL. III REQ'D
 Sutherland, Evelyn H.



BEGIN PROFILE

STA. 30+00.00 LINE "PR-B"
 ELEV. = 817.67

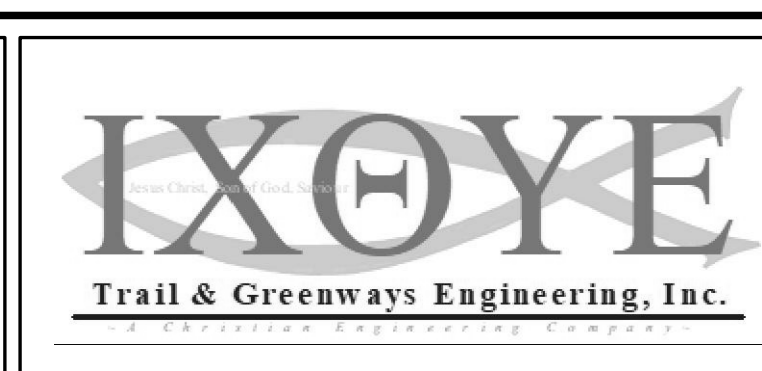


LINE "PR-B" TO BE CONSTRUCTED ALL R/W DESCRIBED FROM LINE "B"

TBM#1: ELEV. 818.454 - BENCH SPIKE SET IN N. SIDE OF LIGHT POLE #W35D195 @ S.E. COR. OF EAST ST. & HARRIMAN AVE.

LEGEND

- (C) PCCP FOR APPROACHES, 6 IN.
- (F) CONC. SIDEWALK
- (M) HMA FOR APPROACHES, TYPE B
- (P) PCCP BASE PATCHING, 8 IN.
- (P2) HMA PATCHING, TYPE C
- (R) HMA MILL, 1.5 IN., WEDGE & RESURFACE
- (R1) HMA MILL & RESURFACE, 4 IN.
- (15) CONCRETE CURB & GUTTER
- (34) LINE, PAINT, SOLID, YELLOW, 4 IN.
- (36) LINE, PAINT, SOLID, WHITE, 12 IN.
- (39) TRANSVERSE PAVEMENT MARKINGS, CROSSWALK, THERMOPLASTIC, 24 IN.
- (X) CURB RAMP, 'X' INDICATES TYPE
- SILT FENCE
- [] INLET PROTECTION
- CONSTRUCTION LIMITS



RECOMMENDED FOR APPROVAL: *Ray DeWald* 4/1/19 DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC

CHECKED: ADM CHECKED: ADM

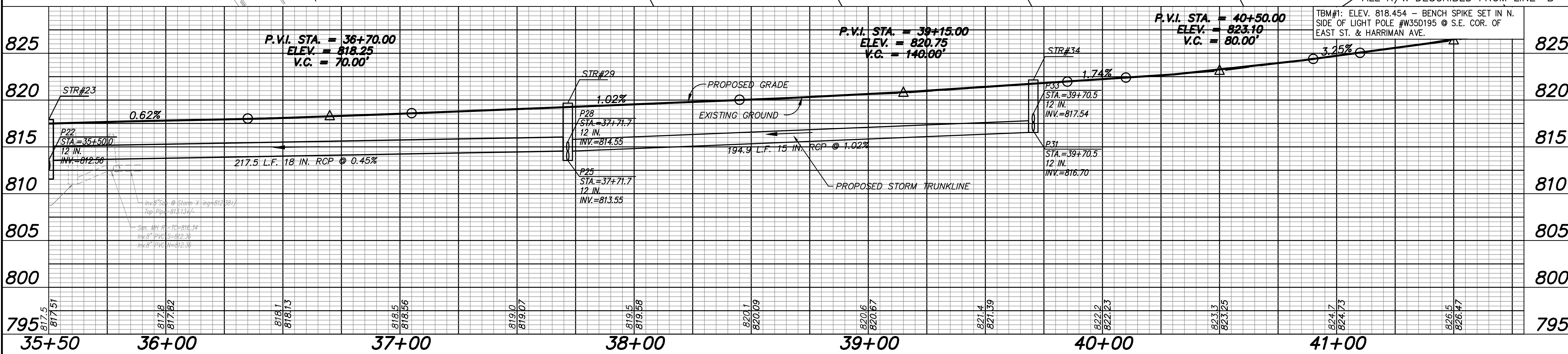
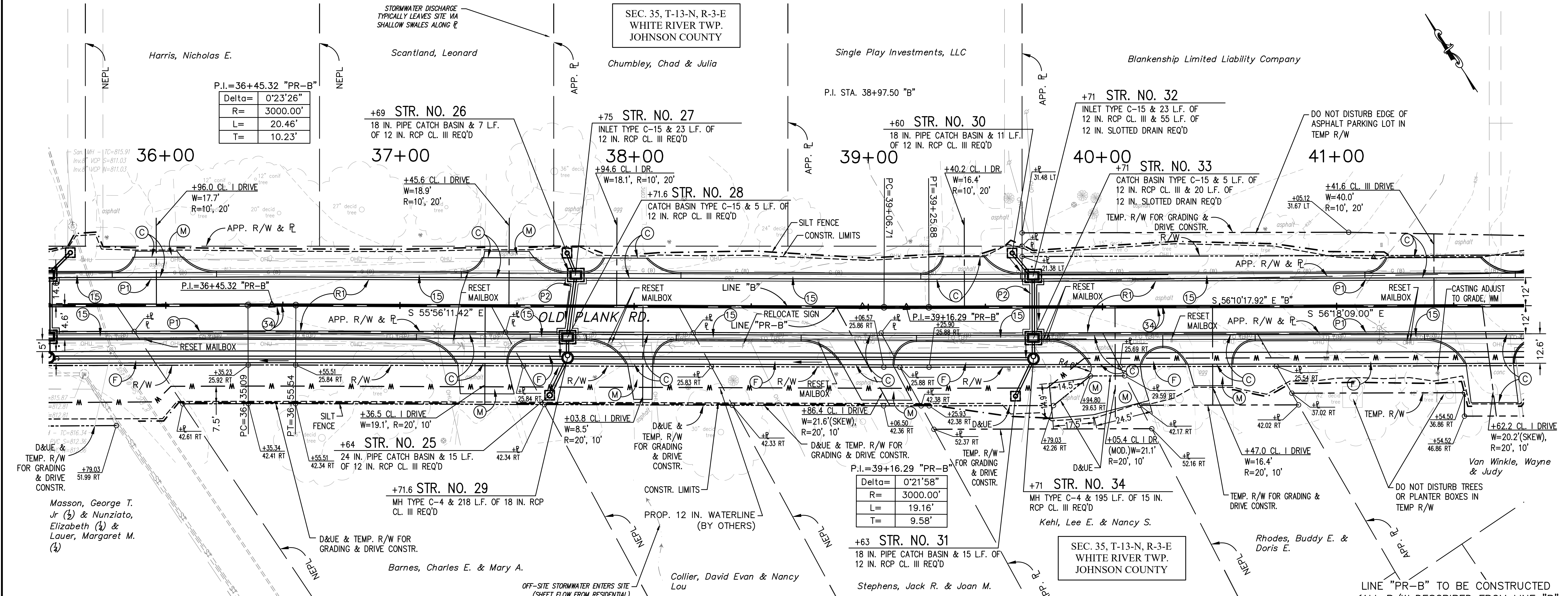
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
 LINE "PR-B" (OLD PLANK RD.)

HORIZONTAL SCALE 1"=20'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS 15 of 60
ELECTRONIC CONTRACT R-38008	PROJECT 1401684

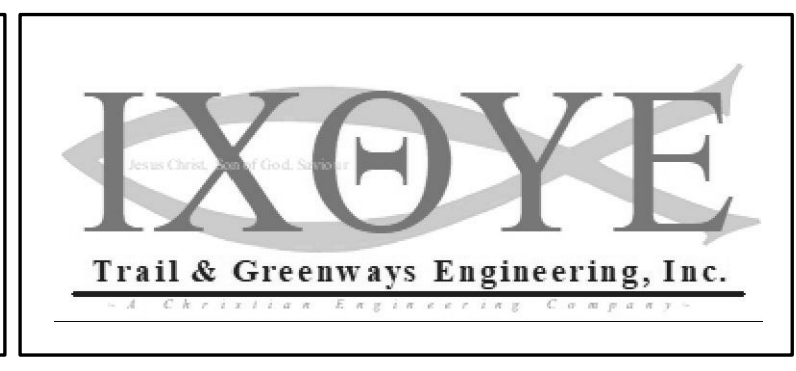
Date: Apr 01, 2019, 12:46pm, User: ibj, File: C:\00-PROJETS\0000-0015-18-Plan&Profile_Line PR-B.dwg

SEC. 35, T-13-N, R-3-E
WHITE RIVER TWP.
JOHNSON COUNTY



LEGEND

(C) PCCP FOR APPROACHES, 6 IN.	(P) HMA PATCHING, TYPE C	(X) CURB RAMP, 'X' INDICATES TYPE
(F) CONC. SIDEWALK	(R) HMA MILL & RESURFACE, 4 IN.	--- SILT FENCE
(M) HMA FOR APPROACHES, TYPE B	(S) CONCRETE CURB & GUTTER	□ INLET PROTECTION
(P) PCCP BASE PATCHING, 8 IN.	(Y) LINE, PAINT, SOLID, YELLOW, 4 IN.	--- CONSTRUCTION LIMITS



RECOMMENDED FOR APPROVAL: *Ray DeGard* 4/1/19
DESIGN ENGINEER DATE

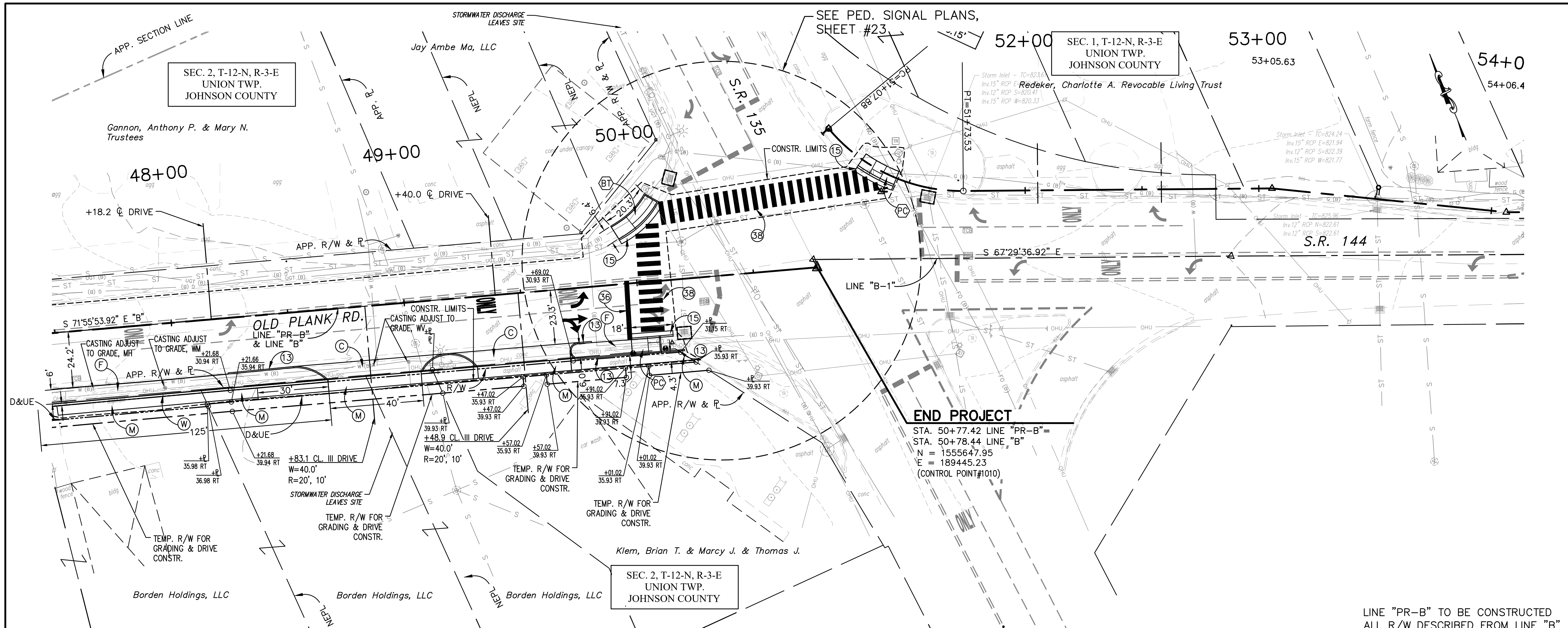
DESIGNED: RNC DRAWN: RNC
CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-B" (OLD PLANK RD.)

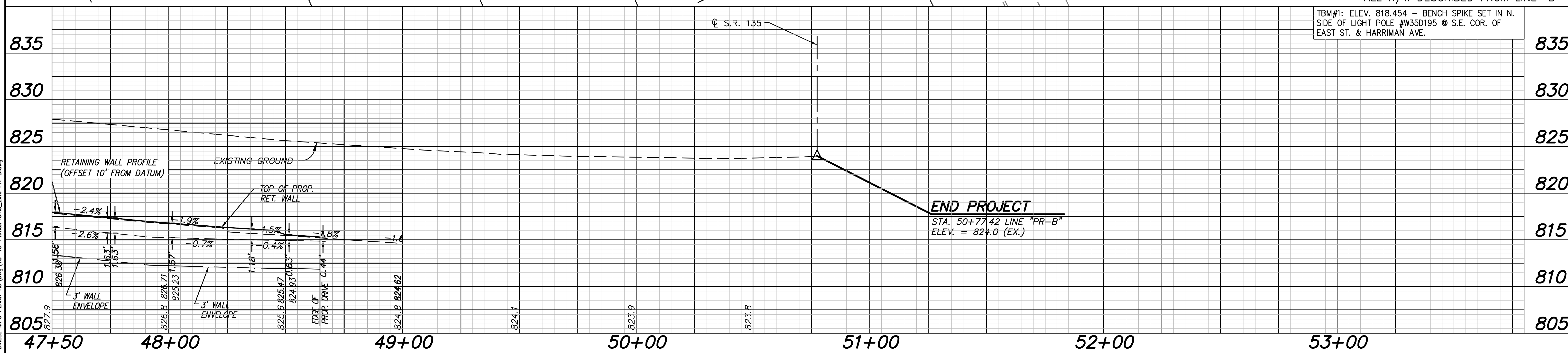
HORIZONTAL SCALE 1"=20'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC CONTRACT	16 of 60
R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:24am, User: ID: rdy, File: C:\00-Projects\0000-0000-0000\15-18-Plan&Profile-Line PR-B.dwg



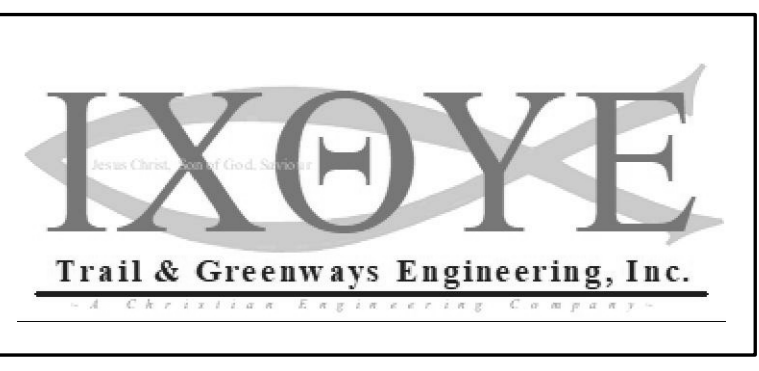
END PROJECT
 STA. 50+77.42 LINE "PR-B"=
 STA. 50+78.44 LINE "B"
 N = 1555647.95
 E = 189445.23
 (CONTROL POINT#1010)

LINE "PR-B" TO BE CONSTRUCTED
 ALL R/W DESCRIBED FROM LINE "B"



LEGEND
 (C) PCCP FOR APPROACHES, 6 IN.
 (F) CONC. SIDEWALK
 (M) HMA FOR APPROACHES, TYPE B
 (P) PCCP BASE PATCHING, 8 IN.
 (R) HMA MILL & RESURFACE, 4 IN.
 (W) MODULAR BLOCK WALL (+/-2'h)
 (15) CONCRETE CURB & GUTTER
 (36) LINE, PAINT, SOLID, WHITE, 12 IN.

(38) TRANSVERSE PAVEMENT MARKINGS, CROSSWALK, THERMOPLASTIC, 24 IN. CURB RAMP, 'X' INDICATES TYPE
 (X) INLET PROTECTION
 --- CONSTRUCTION LIMITS

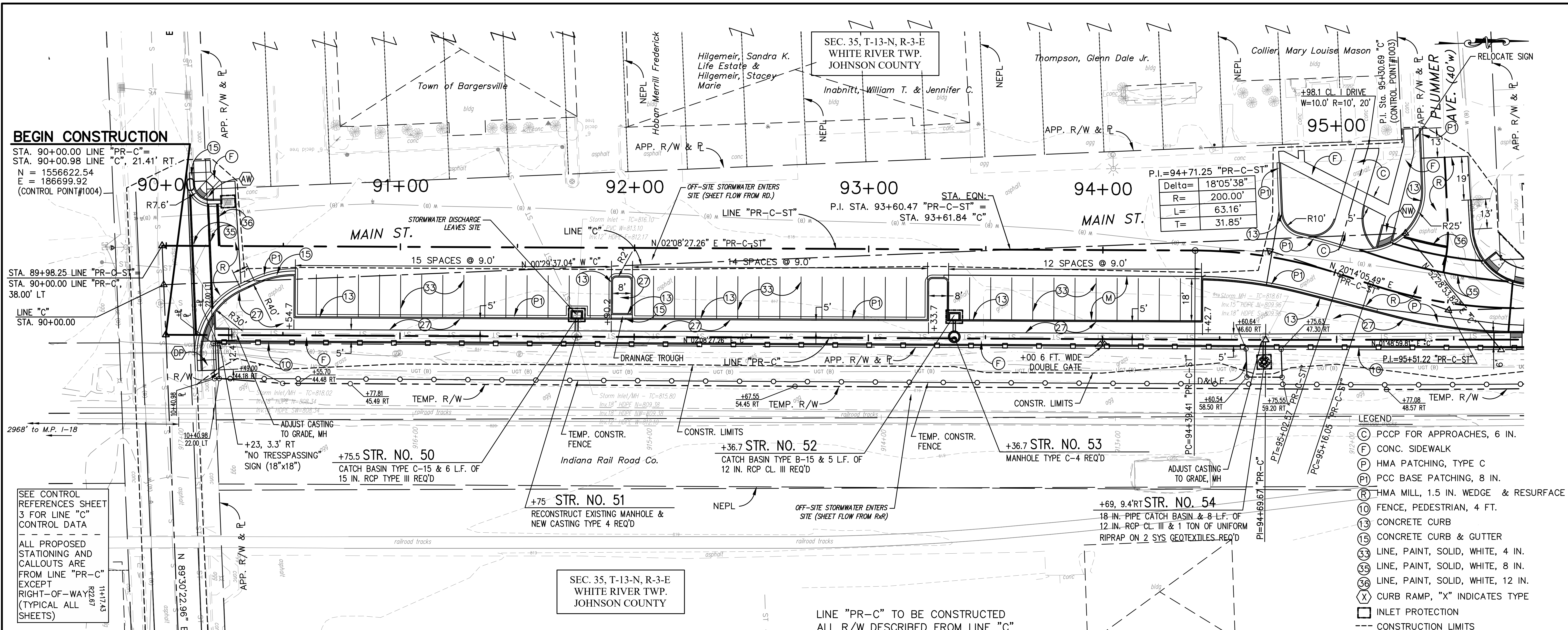


RECOMMENDED FOR APPROVAL: *Ray DeGard* 4/1/19
 DESIGN ENGINEER DATE
 DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "PR-B" (OLD PLANK RD.)

HORIZONTAL SCALE 1"=20'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC CONTRACT	18 of 60 PROJECT
R-38008	1401684

Date: Apr 01, 2019, 2:10pm User ID: roy File: C:\03-PROJETS\0305-PR-B\15-18-Plan&Profile-Line PR-B.dwg

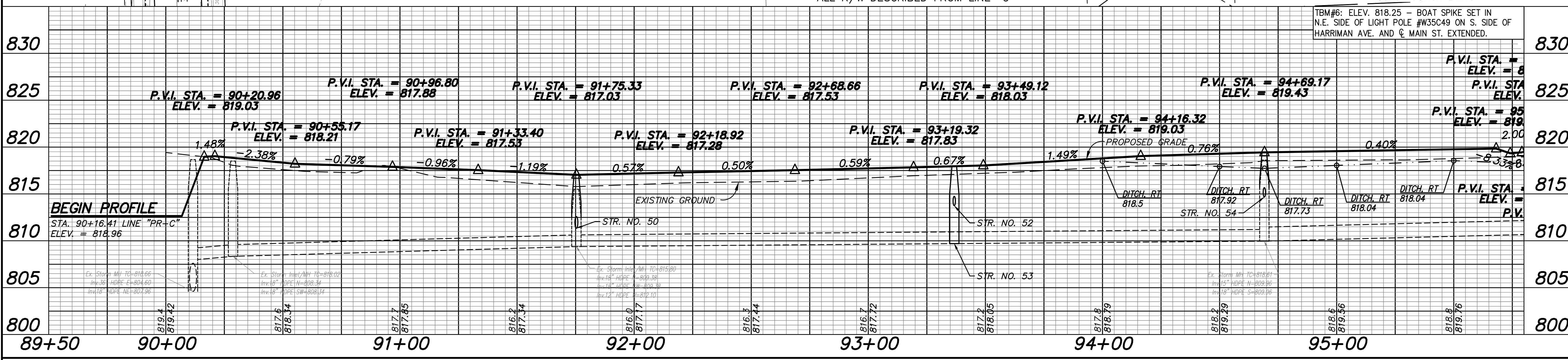


BEGIN CONSTRUCTION
 STA. 90+00.00 LINE "PR-C"=
 STA. 90+00.98 LINE "C", 21.41' RT.
 N = 1556622.54
 E = 186699.92
 (CONTROL POINT#1004)

STA. 89+98.25 LINE "PR-C-ST"
 STA. 90+00.00 LINE "PR-C",
 38.00' LT
 LINE "C"
 STA. 90+00.00

SEE CONTROL
 REFERENCES SHEET
 3 FOR LINE "C"
 CONTROL DATA
 ALL PROPOSED
 STATIONING AND
 CALLOUTS ARE
 FROM LINE "PR-C"
 EXCEPT
 RIGHT-OF-WAY
 (TYPICAL ALL
 SHEETS)

- LEGEND**
- (C) PCCP FOR APPROACHES, 6 IN.
 - (F) CONC. SIDEWALK
 - (P) HMA PATCHING, TYPE C
 - (P) PCC BASE PATCHING, 8 IN.
 - (R) HMA MILL, 1.5 IN. WEDGE & RESURFACE
 - (10) FENCE, PEDESTRIAN, 4 FT.
 - (13) CONCRETE CURB
 - (15) CONCRETE CURB & GUTTER
 - (33) LINE, PAINT, SOLID, WHITE, 4 IN.
 - (35) LINE, PAINT, SOLID, WHITE, 8 IN.
 - (36) LINE, PAINT, SOLID, WHITE, 12 IN.
 - (X) CURB RAMP, "X" INDICATES TYPE
 - (I) INLET PROTECTION
 - CONSTRUCTION LIMITS



TBM#6: ELEV. 818.25 - BOAT SPIKE SET IN
 N.E. SIDE OF LIGHT POLE #W35C49 ON S. SIDE OF
 HARRIMAN AVE. AND @ MAIN ST. EXTENDED.

Date: Apr 01, 2019 1:46pm User: ID: rnc
 File: C:\00-PROJETS\0000-0000-0000\19-20-Plan&Profile-Line PR-C.dwg



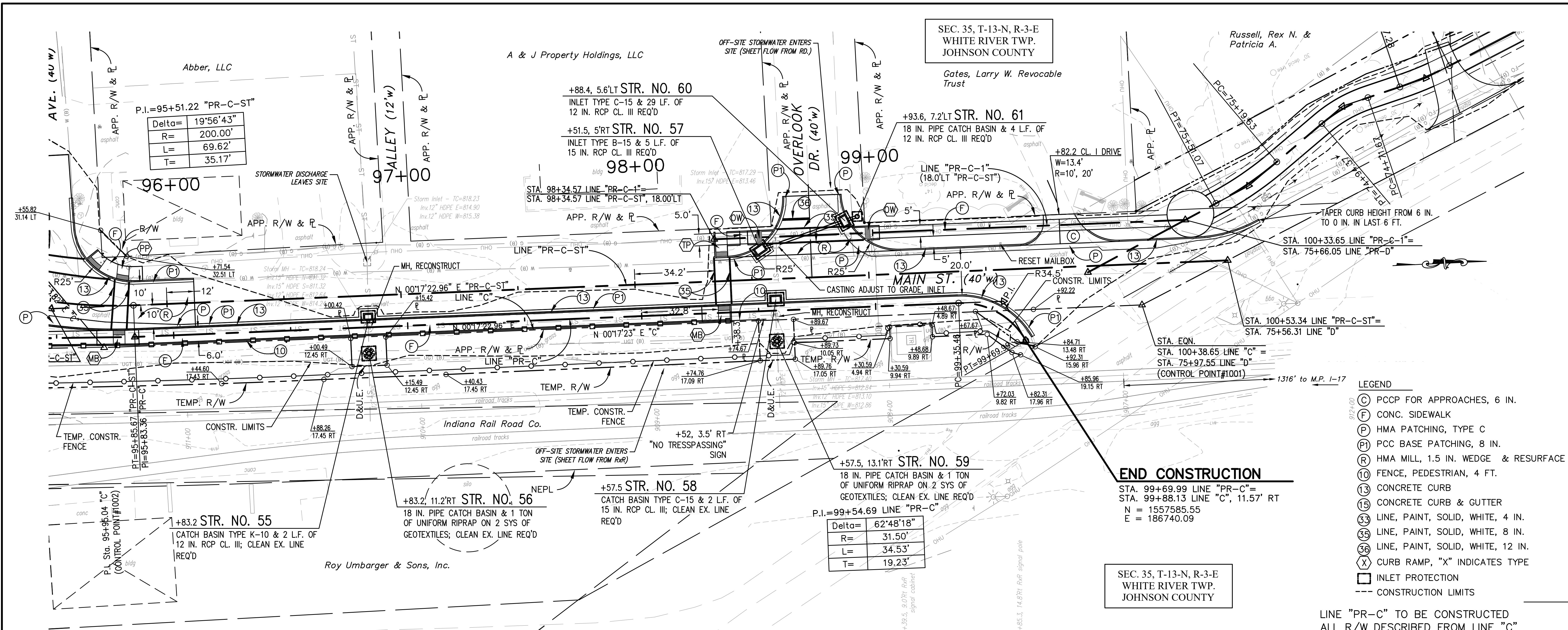
RECOMMENDED FOR APPROVAL: *Roy N. Carlsgaard* 4/1/19
 DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE
 LINE "PR-C" (MAIN ST.)**

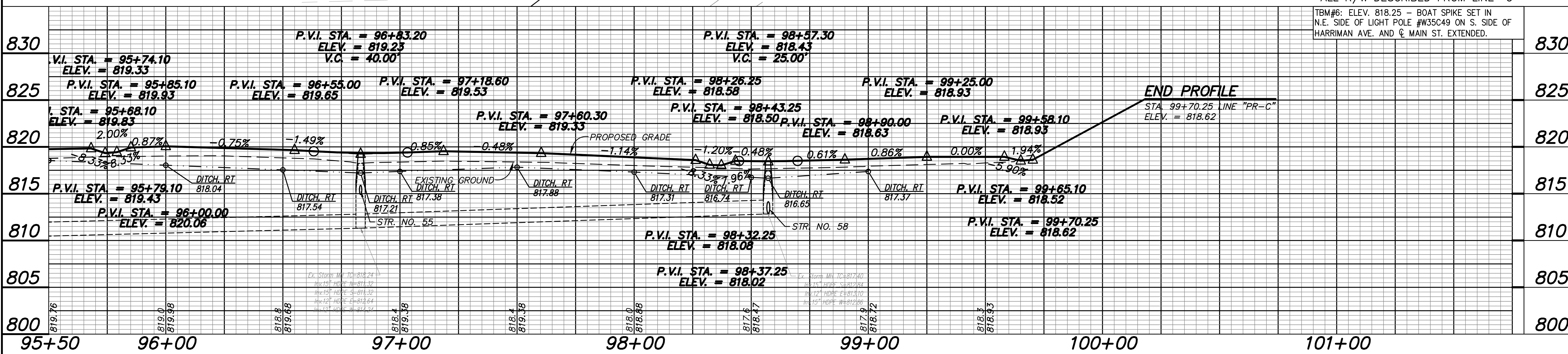
HORIZONTAL SCALE 1"=20'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC CONTRACT	19 of 60
R-38008	PROJECT 1401684



- LEGEND**
- (C) PCCP FOR APPROACHES, 6 IN.
 - (F) CONC. SIDEWALK
 - (P) HMA PATCHING, TYPE C
 - (P) PCC BASE PATCHING, 8 IN.
 - (R) HMA MILL, 1.5 IN. WEDGE & RESURFACE
 - (10) FENCE, PEDESTRIAN, 4 FT.
 - (13) CONCRETE CURB
 - (15) CONCRETE CURB & GUTTER
 - (33) LINE, PAINT, SOLID, WHITE, 4 IN.
 - (35) LINE, PAINT, SOLID, WHITE, 8 IN.
 - (36) LINE, PAINT, SOLID, WHITE, 12 IN.
 - (X) CURB RAMP, "X" INDICATES TYPE
 - INLET PROTECTION
 - CONSTRUCTION LIMITS

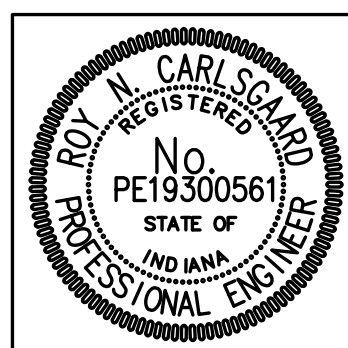
SEC. 35, T-13-N, R-3-E
WHITE RIVER TWP.
JOHNSON COUNTY

LINE "PR-C" TO BE CONSTRUCTED
ALL R/W DESCRIBED FROM LINE "C"



TBM#6: ELEV. 818.25 - BOAT SPIKE SET IN
N.E. SIDE OF LIGHT POLE #W35C49 ON S. SIDE OF
HARRIMAN AVE. AND @ MAIN ST. EXTENDED.

Date: Apr 01, 2019 1:46pm User: ID: roy File: C:\00-PROJECTS\0000-PR-C\19-20-Plan&Profile-Line PR-C.dwg



RECOMMENDED FOR APPROVAL: *Roy N. Carlsson* 4/1/19
DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-C" (MAIN ST.)

HORIZONTAL SCALE 1"=20'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC CONTRACT	20 of 60
R-38008	PROJECT 1401684

SEE CONTROL REFERENCES ON SHEET 3 FOR LINE "D" CONTROL DATA
 ALL PROPOSED STATIONING AND CALLOUTS ARE FROM LINE "PR-D" EXCEPT RIGHT-OF-WAY (TYPICAL ALL SHEETS)

SEC. 35, T-13-N, R-3-E
 WHITE RIVER TWP.
 JOHNSON COUNTY

BEGIN PROJECT

STA. 70+50.00 LINE "PR-D"
 STA. 70+50.00 LINE "D", 26.00' RT
 N = 1558121.86
 E = 186473.76

71+11.39 PI
Delta= 8'56"38"
R= 100.00'
L= 15.61'
T= 7.82'

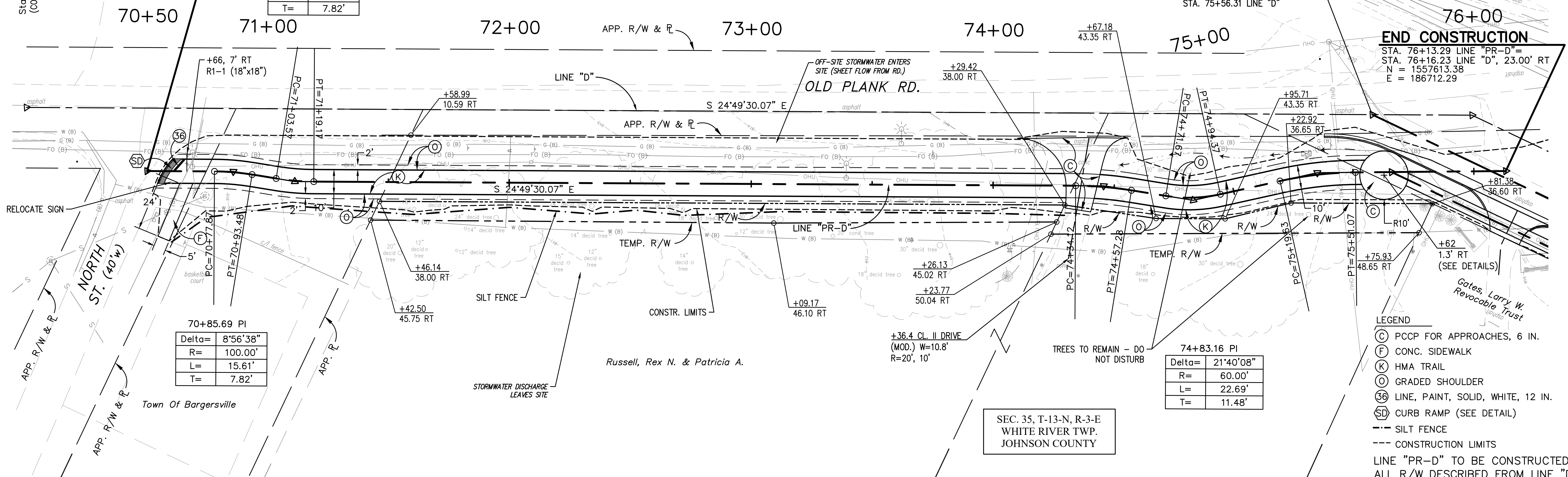
74+45.72 PI
Delta= 8'50"43"
R= 150.00'
L= 23.16'
T= 11.60'

75+35.41 PI
Delta= 12'00"30"
R= 150.00'
L= 31.44'
T= 15.78'

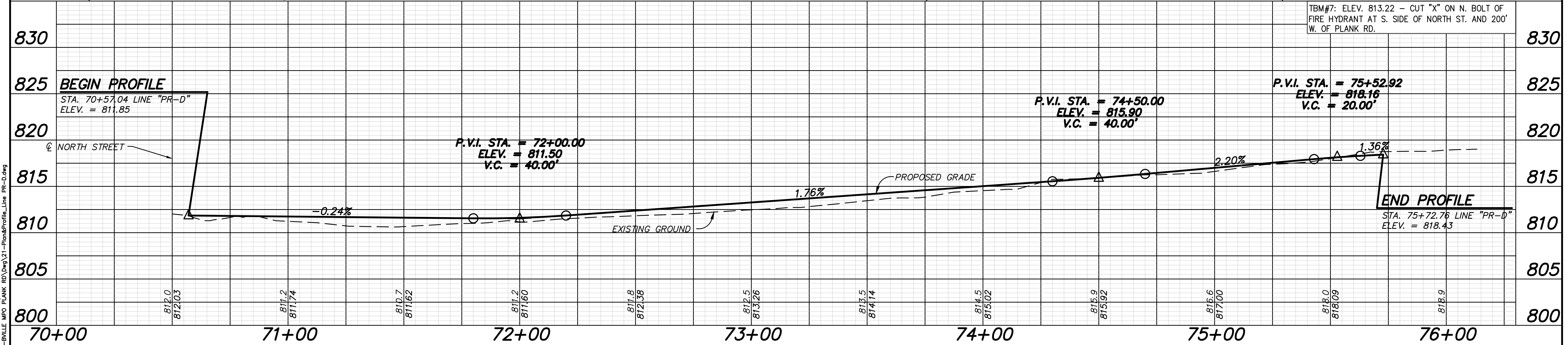
STA. 100+53.34 LINE "PR-C-ST"
 STA. 75+56.31 LINE "D"

END CONSTRUCTION

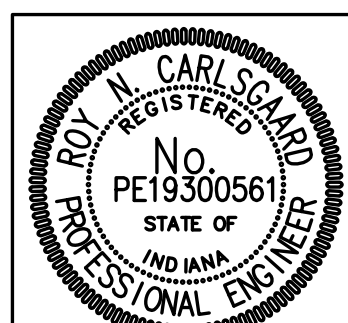
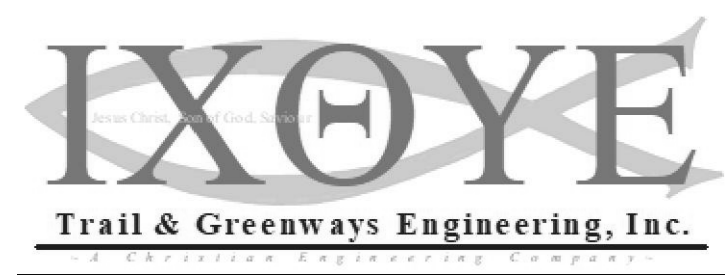
STA. 76+13.29 LINE "PR-D"
 STA. 76+16.23 LINE "D", 23.00' RT
 N = 1557613.38
 E = 186712.29



- LEGEND**
- (C) PCCP FOR APPROACHES, 6 IN.
 - (F) CONC. SIDEWALK
 - (K) HMA TRAIL
 - (S) GRADED SHOULDER
 - (36) LINE, PAINT, SOLID, WHITE, 12 IN.
 - (SD) CURB RAMP (SEE DETAIL)
 - SILT FENCE
 - CONSTRUCTION LIMITS
 - LINE "PR-D" TO BE CONSTRUCTED ALL R/W DESCRIBED FROM LINE "D"



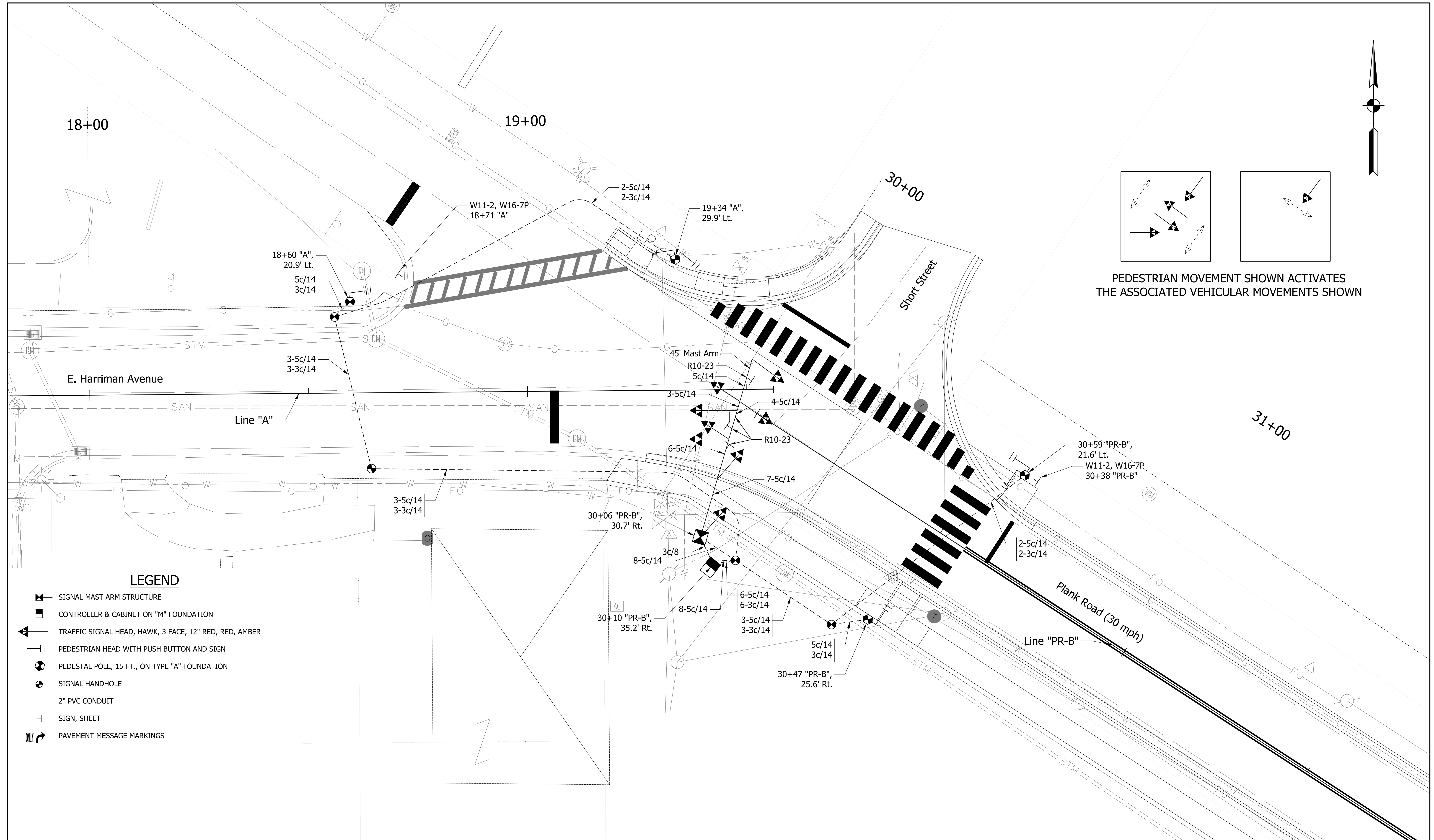
Date: Mar 30, 2019, 11:24am User: ID: rdy File: C:\00-Projects\0000-0111-11-11\01-Plank RD\01-PlankRD\01-PlankRD\01-PlankRD.dwg



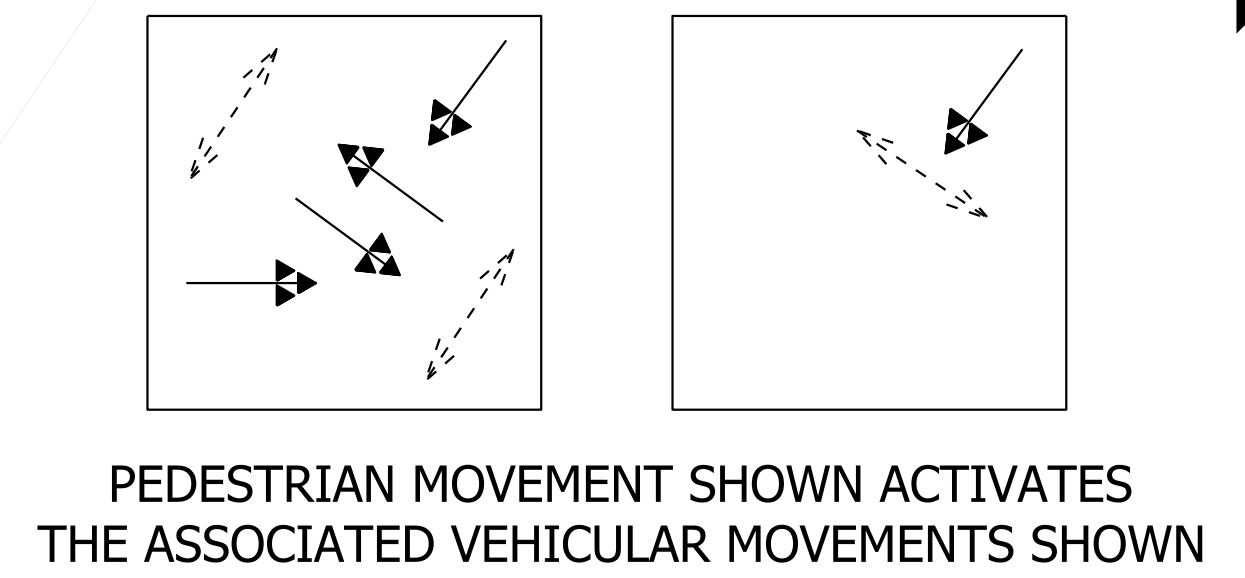
RECOMMENDED FOR APPROVAL: *Roy Carlsson* 4/1/19 DESIGN ENGINEER DATE
 DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "PR-D" (OLD PLANK RD.)

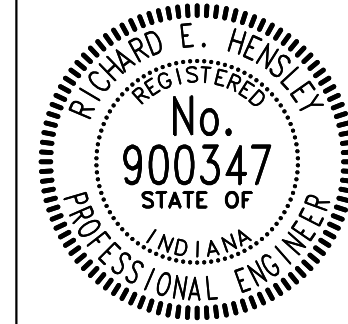
HORIZONTAL SCALE	ROAD FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
1"=5'	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	21 of 60
CONTRACT	PROJECT
R-38008	1401684



- LEGEND**
- SIGNAL MAST ARM STRUCTURE
 - CONTROLLER & CABINET ON "M" FOUNDATION
 - TRAFFIC SIGNAL HEAD, HAWK, 3 FACE, 12" RED, RED, AMBER
 - PEDESTRIAN HEAD WITH PUSH BUTTON AND SIGN
 - PEDESTAL POLE, 15 FT., ON TYPE "A" FOUNDATION
 - SIGNAL HANDHOLE
 - 2" PVC CONDUIT
 - SIGN, SHEET
 - PAVEMENT MESSAGE MARKINGS



PARSONS
 101 W. Ohio St., Suite 2121
 Indianapolis, IN 46204
 Bus (317) 616-1000
 Fax (317) 616-1033



RECOMMENDED FOR APPROVAL: *Richard E. Hensley*
 DESIGN ENGINEER DATE: 03/26/19

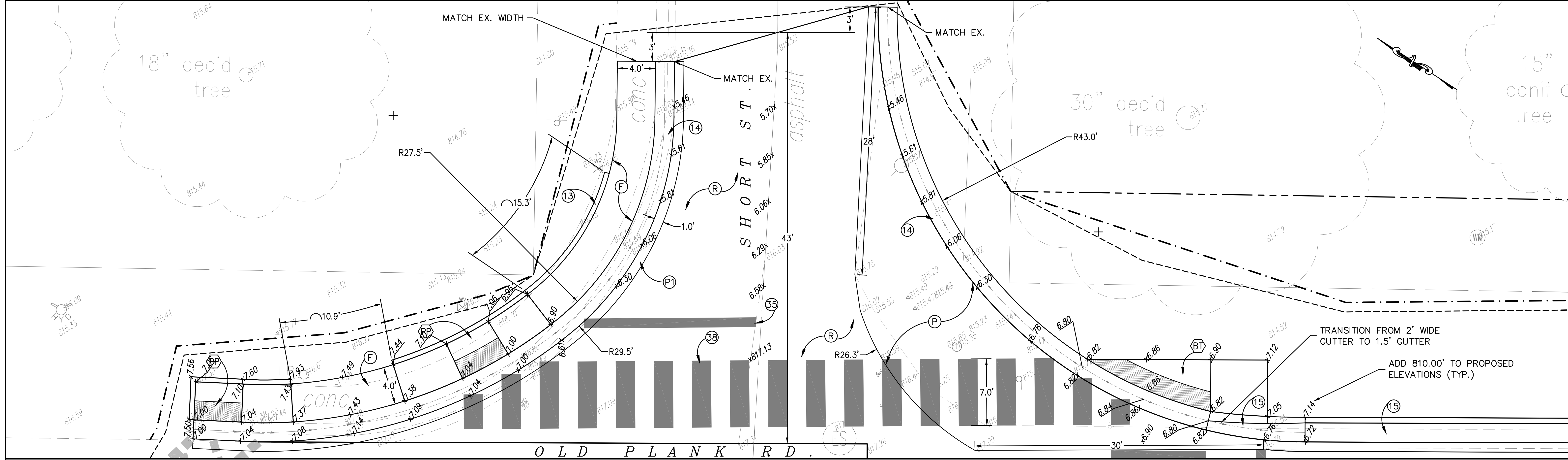
DESIGNED: REH DRAWN: DH
 CHECKED: SNM CHECKED: REH

INDIANA DEPARTMENT OF TRANSPORTATION

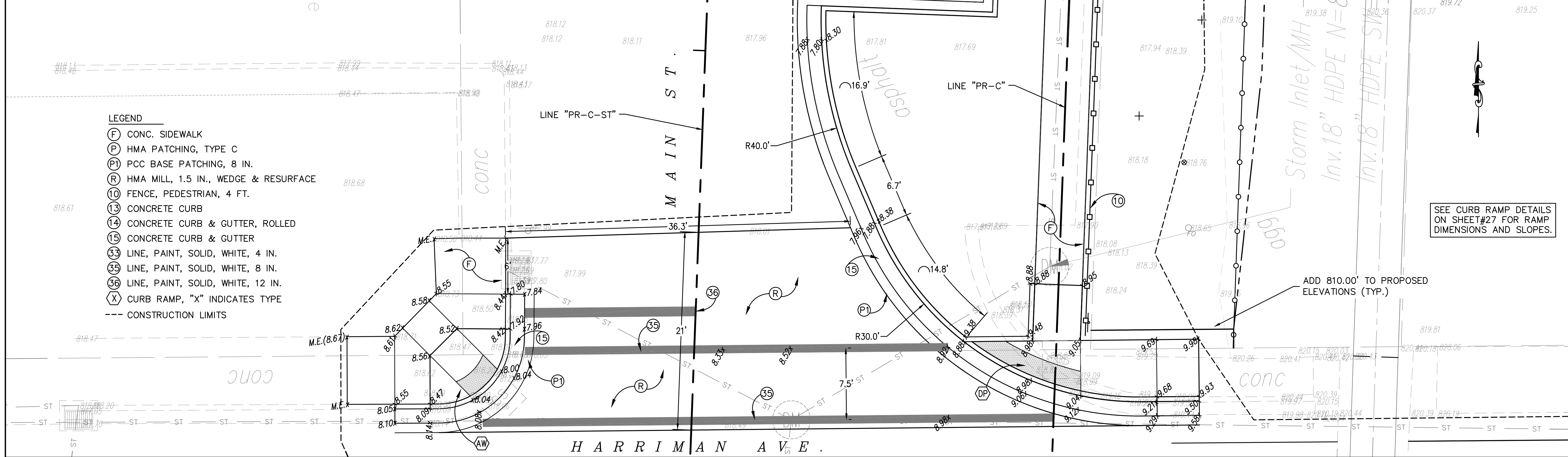
HAWK SIGNAL PLAN
 PLANK ROAD & HARRIMAN AVENUE
 JOHNSON COUNTY, SEYMOUR DISTRICT

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEET
	22 of 60
CONTRACT	PROJECT
R-38008	1401684

INTERSECTION OF OLD PLANK RD. & SHORT ST.



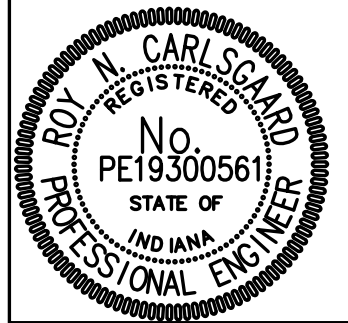
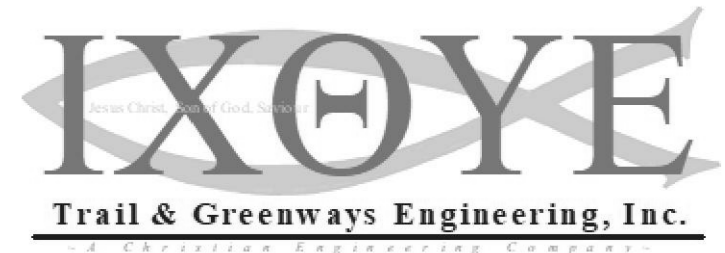
INTERSECTION OF HARRIMAN AVE. & MAIN ST.



- LEGEND**
- (F) CONC. SIDEWALK
 - (P) HMA PATCHING, TYPE C
 - (P1) PCC BASE PATCHING, 8 IN.
 - (R) HMA MILL, 1.5 IN., WEDGE & RESURFACE
 - (10) FENCE, PEDESTRIAN, 4 FT.
 - (13) CONCRETE CURB
 - (14) CONCRETE CURB & GUTTER, ROLLED
 - (15) CONCRETE CURB & GUTTER
 - (33) LINE, PAINT, SOLID, WHITE, 4 IN.
 - (35) LINE, PAINT, SOLID, WHITE, 8 IN.
 - (36) LINE, PAINT, SOLID, WHITE, 12 IN.
 - (X) CURB RAMP, "X" INDICATES TYPE
 - CONSTRUCTION LIMITS

SEE CURB RAMP DETAILS ON SHEET #27 FOR RAMP DIMENSIONS AND SLOPES.

- (BT) BLENDED TRANSITION CURB RAMP
- (DP) DEPRESSED CORNER CURB RAMP
- (DA) DIAGONAL CURB RAMP
- (MB) MIDBLOCK CROSSING CURB RAMP
- (OW) ONE WAY DIRECTIONAL PERPENDICULAR CURB RAMP
- (PC) PARALLEL CURB RAMP
- (PP) PAIRED PARALLEL CURB RAMP
- (AW) PERPENDICULAR CURB RAMP WITH ADJACENT WALKABLE SURFACE
- (NW) PERPENDICULAR CURB RAMP WITH ADJACENT NON-WALKABLE SURFACE
- (SD) SHARED-USE PATH DETECTABLE WARNING SURFACE
- (TP) TIERED PERPENDICULAR CURB RAMP



RECOMMENDED FOR APPROVAL: *Roy Carlsgaard* 4/1/19
 DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

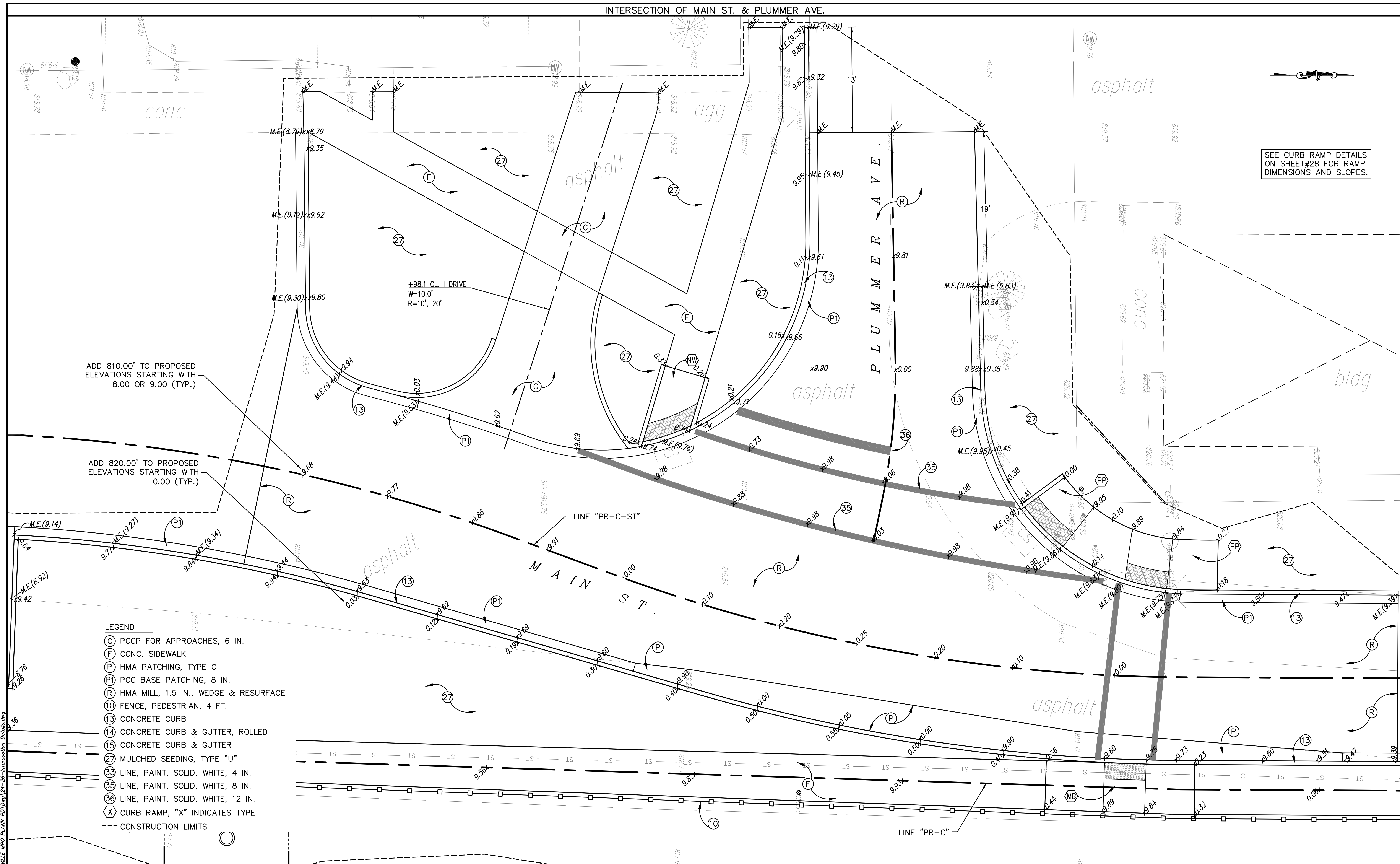
INTERSECTION SPOT ELEVATION DETAILS

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC CONTRACT R-38008	SHEETS 24 of 60 PROJECT 1401684

Date: Apr 01, 2019, 11:46am User: ID: rnc File: C:\00-PROJECTS\0088-BRILLE_MPO_PLANK_RD\DWG\24-26-Intersection_Details.dwg

INTERSECTION OF MAIN ST. & PLUMMER AVE.

SEE CURB RAMP DETAILS ON SHEET #28 FOR RAMP DIMENSIONS AND SLOPES.



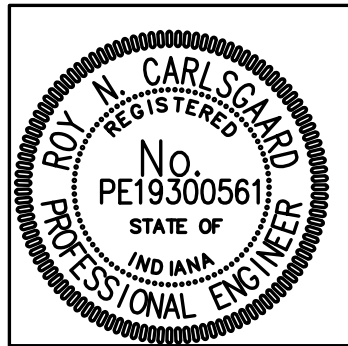
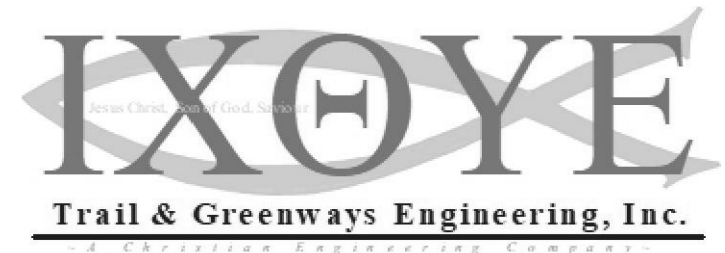
ADD 810.00' TO PROPOSED ELEVATIONS STARTING WITH 8.00 OR 9.00 (TYP.)

ADD 820.00' TO PROPOSED ELEVATIONS STARTING WITH 0.00 (TYP.)

+98.1 CL. I DRIVE
W=10.0'
R=10', 20'

- LEGEND**
- (C) PCCP FOR APPROACHES, 6 IN.
 - (F) CONC. SIDEWALK
 - (P) HMA PATCHING, TYPE C
 - (P1) PCC BASE PATCHING, 8 IN.
 - (R) HMA MILL, 1.5 IN., WEDGE & RESURFACE
 - (10) FENCE, PEDESTRIAN, 4 FT.
 - (13) CONCRETE CURB
 - (14) CONCRETE CURB & GUTTER, ROLLED
 - (15) CONCRETE CURB & GUTTER
 - (27) MULCHED SEEDING, TYPE "U"
 - (33) LINE, PAINT, SOLID, WHITE, 4 IN.
 - (35) LINE, PAINT, SOLID, WHITE, 8 IN.
 - (36) LINE, PAINT, SOLID, WHITE, 12 IN.
 - (X) CURB RAMP, "X" INDICATES TYPE
 - CONSTRUCTION LIMITS

(BT) BLENDED TRANSITION CURB RAMP	(OW) ONE WAY DIRECTIONAL PERPENDICULAR CURB RAMP	(NW) PERPENDICULAR CURB RAMP WITH ADJACENT NON-WALKABLE SURFACE
(DP) DEPRESSED CORNER CURB RAMP	(PC) PARALLEL CURB RAMP	(SD) SHARED-USE PATH DETECTABLE WARNING SURFACE
(DA) DIAGONAL CURB RAMP	(PP) PAIRED PARALLEL CURB RAMP	(TP) TIERED PERPENDICULAR CURB RAMP
(MB) MIDBLOCK CROSSING CURB RAMP	(AW) PERPENDICULAR CURB RAMP WITH ADJACENT WALKABLE SURFACE	



RECOMMENDED FOR APPROVAL	<i>Roy N. Carlsgaard</i>	4/1/19
DESIGNED:	RNC	DATE
CHECKED:	ADM	
DRAWN:	RNC	
CHECKED:	ADM	

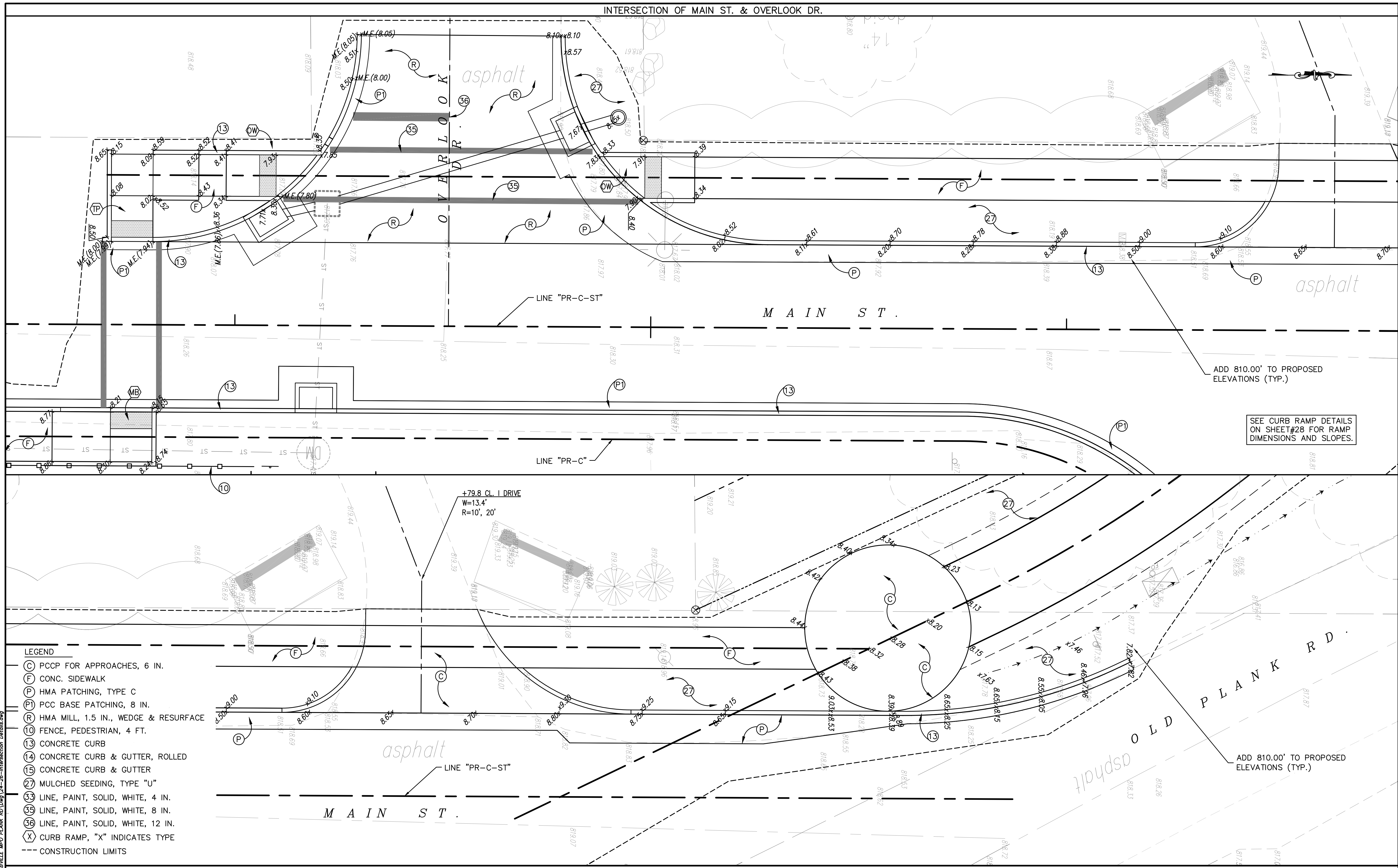
INDIANA DEPARTMENT OF TRANSPORTATION

INTERSECTION SPOT ELEVATION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=5'	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	25 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Apr. 01, 2019, 11:46am User: ID: rnc File: C:\IOP-PROJECTS\0088-898LE-MRD-PLANK RD\DWG\24-28-Intersection_Details.dwg

INTERSECTION OF MAIN ST. & OVERLOOK DR.



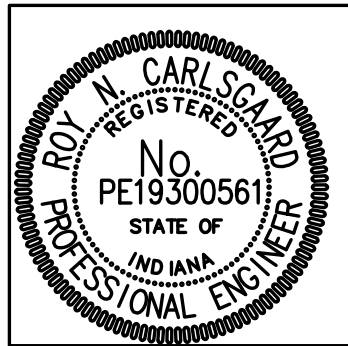
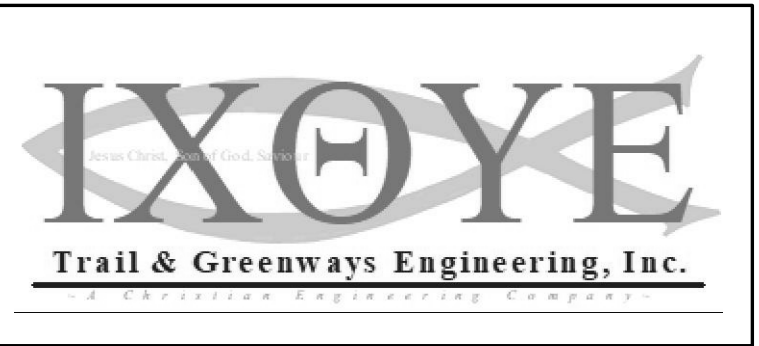
ADD 810.00' TO PROPOSED ELEVATIONS (TYP.)

SEE CURB RAMP DETAILS ON SHEET #28 FOR RAMP DIMENSIONS AND SLOPES.

ADD 810.00' TO PROPOSED ELEVATIONS (TYP.)

- LEGEND**
- (C) PCCP FOR APPROACHES, 6 IN.
 - (F) CONC. SIDEWALK
 - (P) HMA PATCHING, TYPE C
 - (PI) PCC BASE PATCHING, 8 IN.
 - (R) HMA MILL, 1.5 IN., WEDGE & RESURFACE
 - (10) FENCE, PEDESTRIAN, 4 FT.
 - (13) CONCRETE CURB
 - (14) CONCRETE CURB & GUTTER, ROLLED
 - (15) CONCRETE CURB & GUTTER
 - (27) MULCHED SEEDING, TYPE "U"
 - (33) LINE, PAINT, SOLID, WHITE, 4 IN.
 - (35) LINE, PAINT, SOLID, WHITE, 8 IN.
 - (36) LINE, PAINT, SOLID, WHITE, 12 IN.
 - (X) CURB RAMP, "X" INDICATES TYPE
 - CONSTRUCTION LIMITS

- | | | |
|-----------------------------------|---|---|
| (BT) BLENDED TRANSITION CURB RAMP | (OW) ONE WAY DIRECTIONAL PERPENDICULAR CURB RAMP | (NW) PERPENDICULAR CURB RAMP WITH ADJACENT NON-WALKABLE SURFACE |
| (DP) DEPRESSED CORNER CURB RAMP | (PC) PARALLEL CURB RAMP | (SD) SHARED-USE PATH DETECTABLE WARNING SURFACE |
| (DA) DIAGONAL CURB RAMP | (PP) PAIRED PARALLEL CURB RAMP | (TP) TIERED PERPENDICULAR CURB RAMP |
| (MB) MIDBLOCK CROSSING CURB RAMP | (AW) PERPENDICULAR CURB RAMP WITH ADJACENT WALKABLE SURFACE | |



RECOMMENDED FOR APPROVAL: *Roy Carlsgaard* 4/1/19
 DESIGN ENGINEER DATE

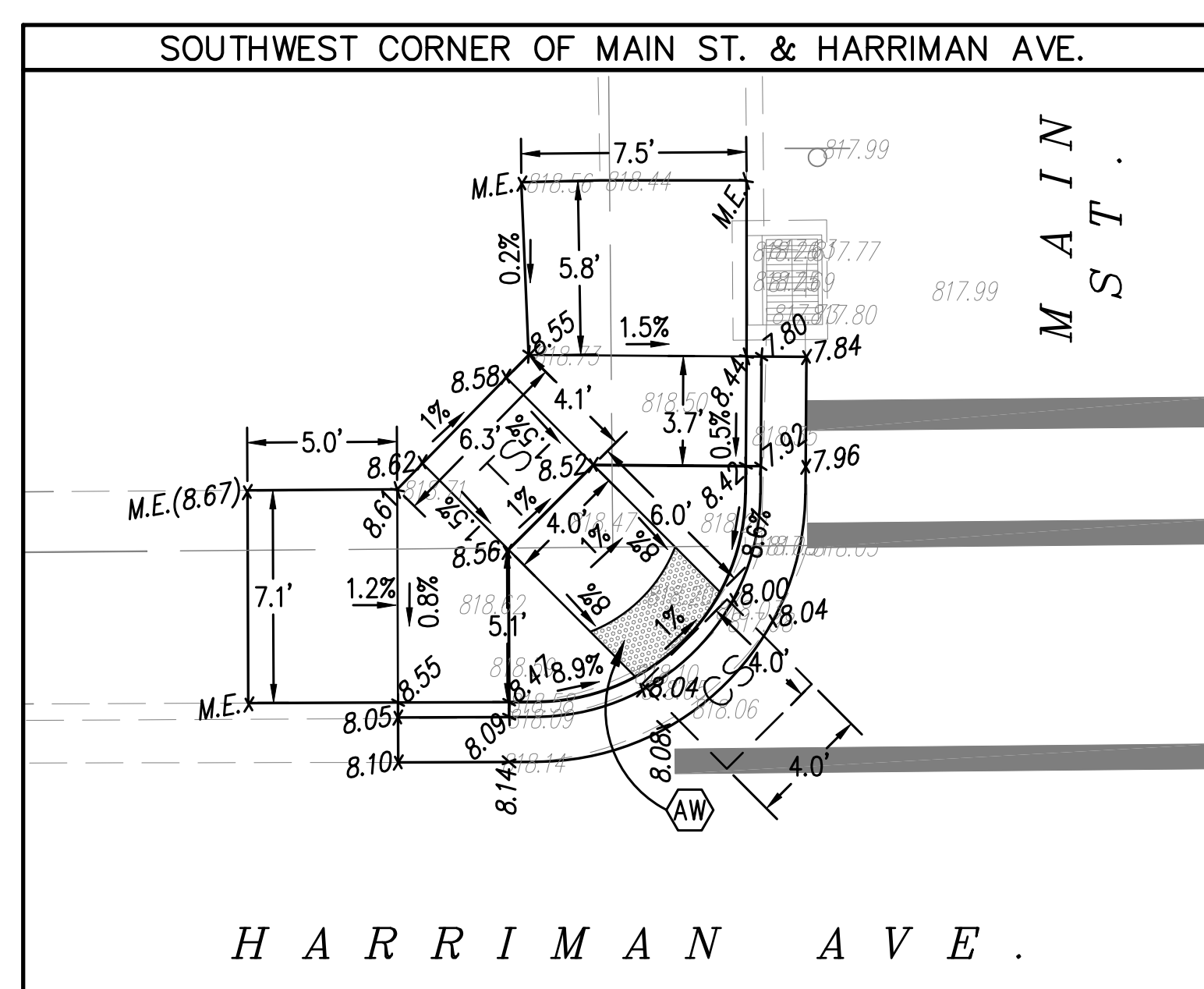
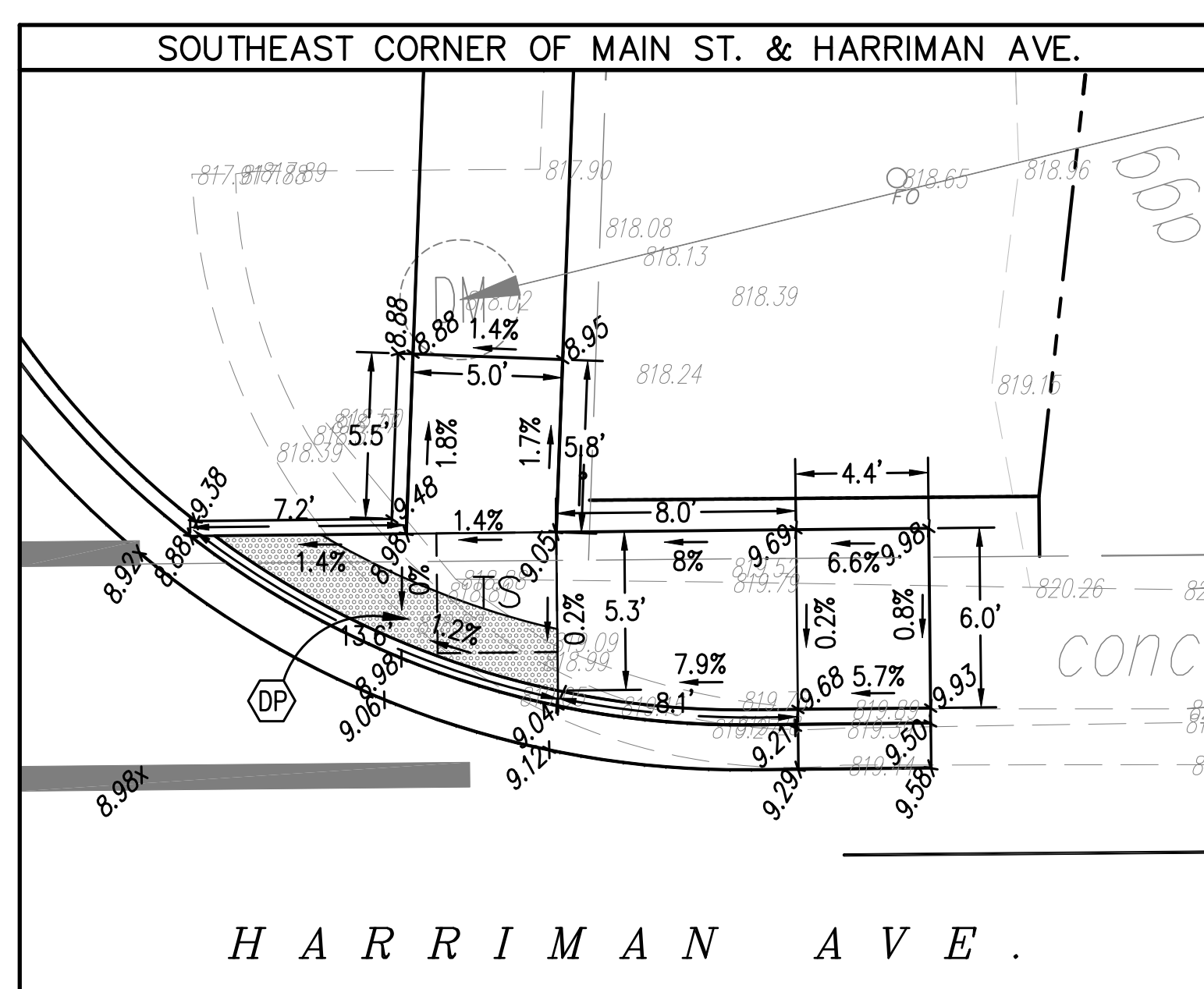
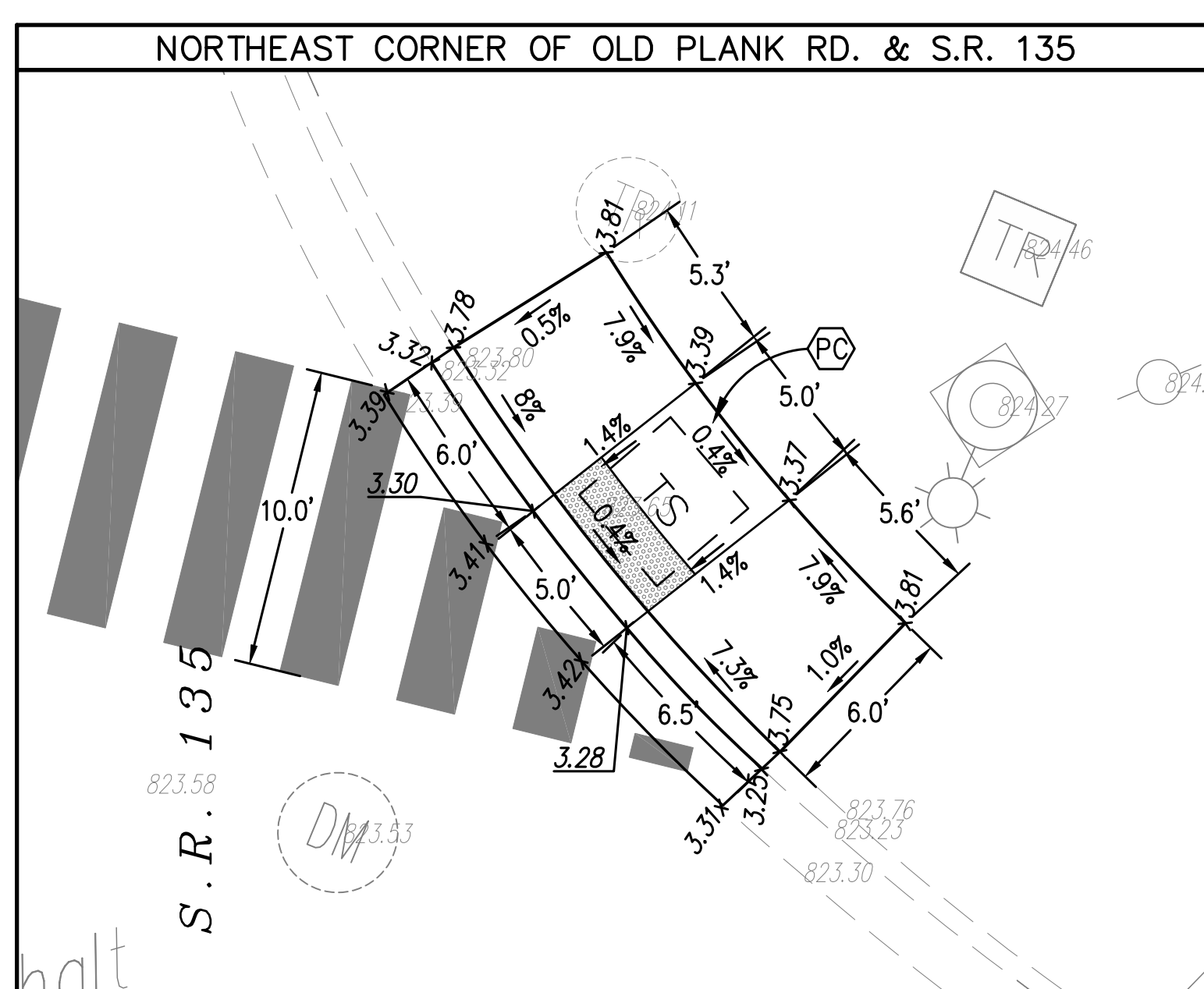
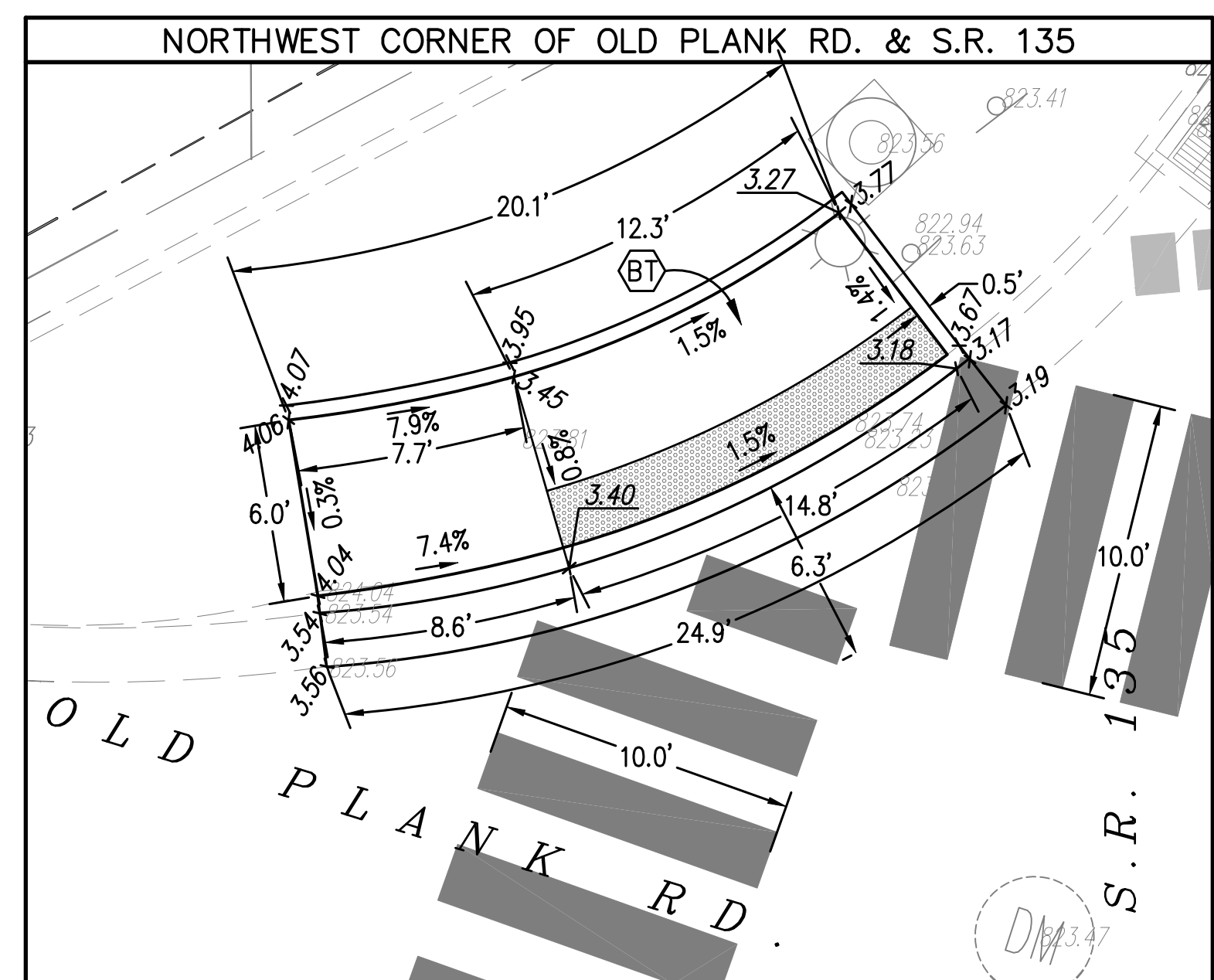
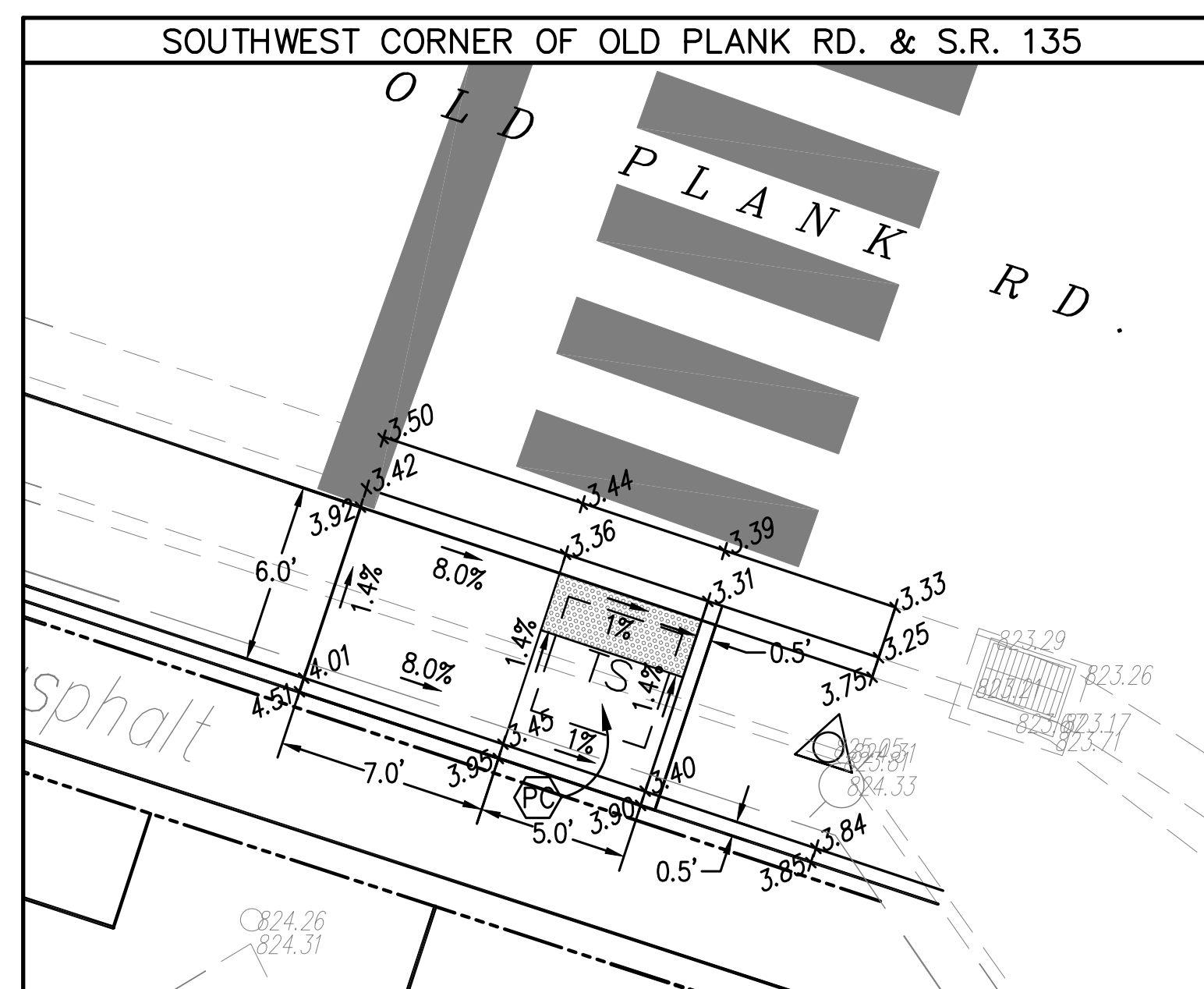
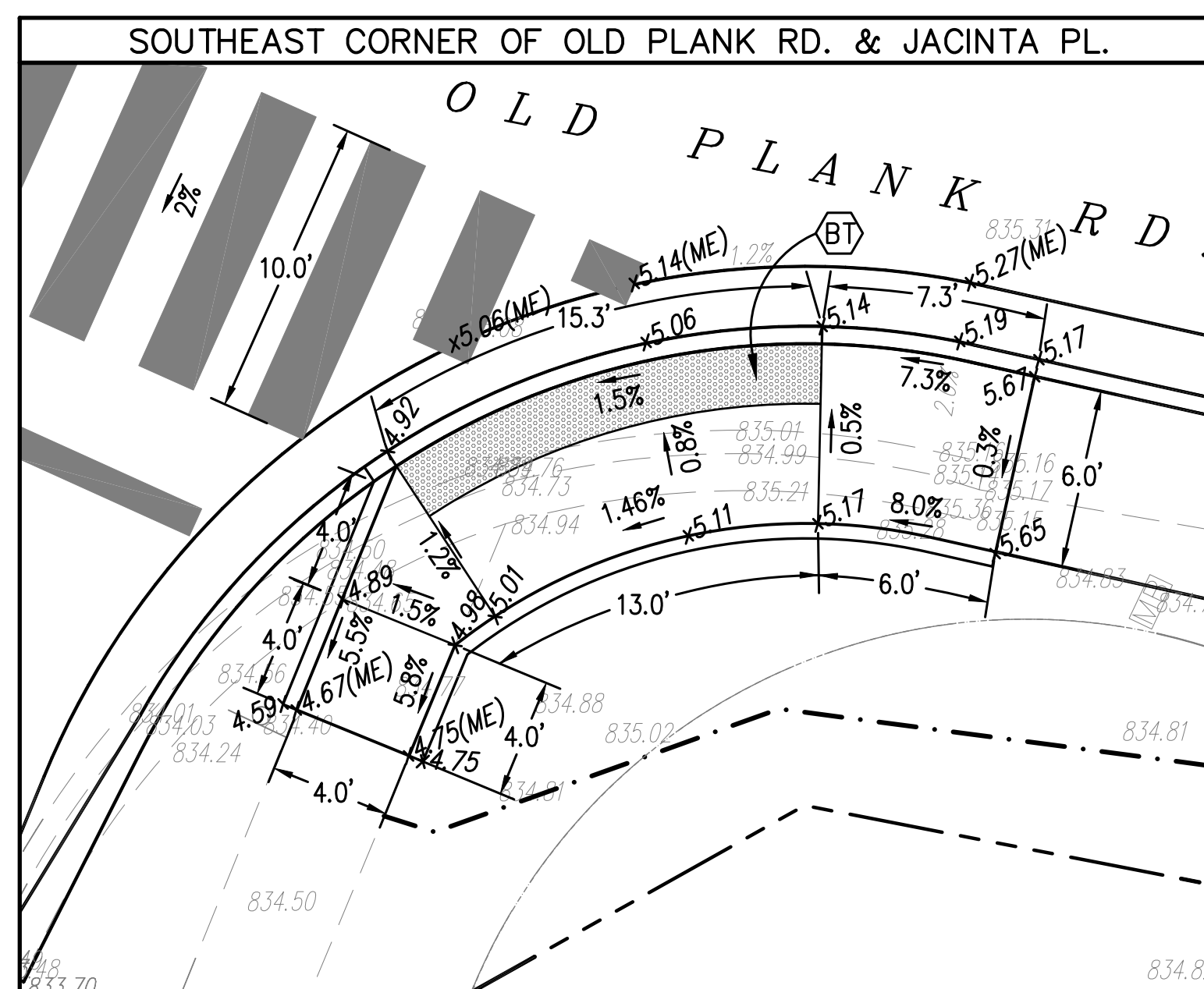
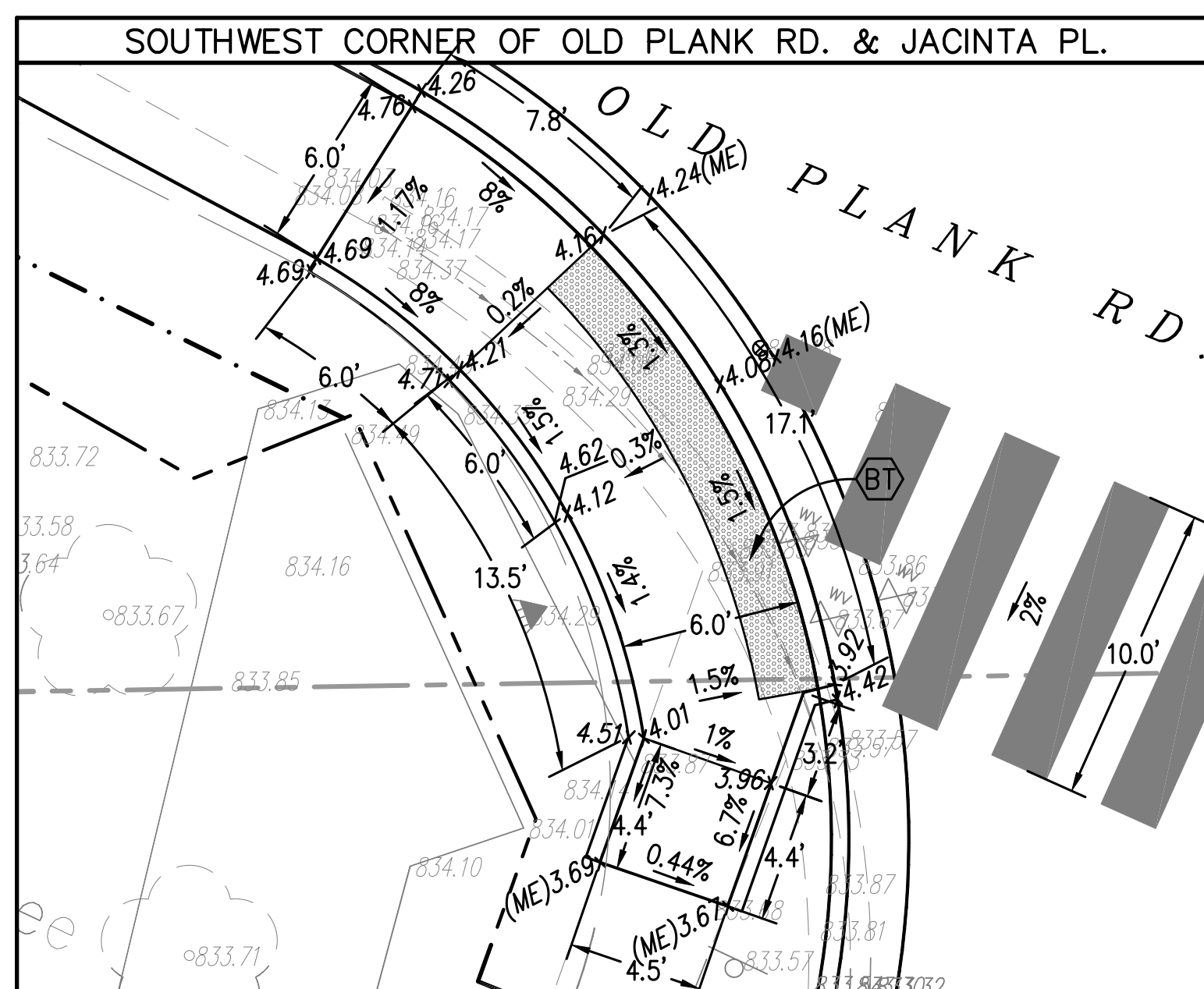
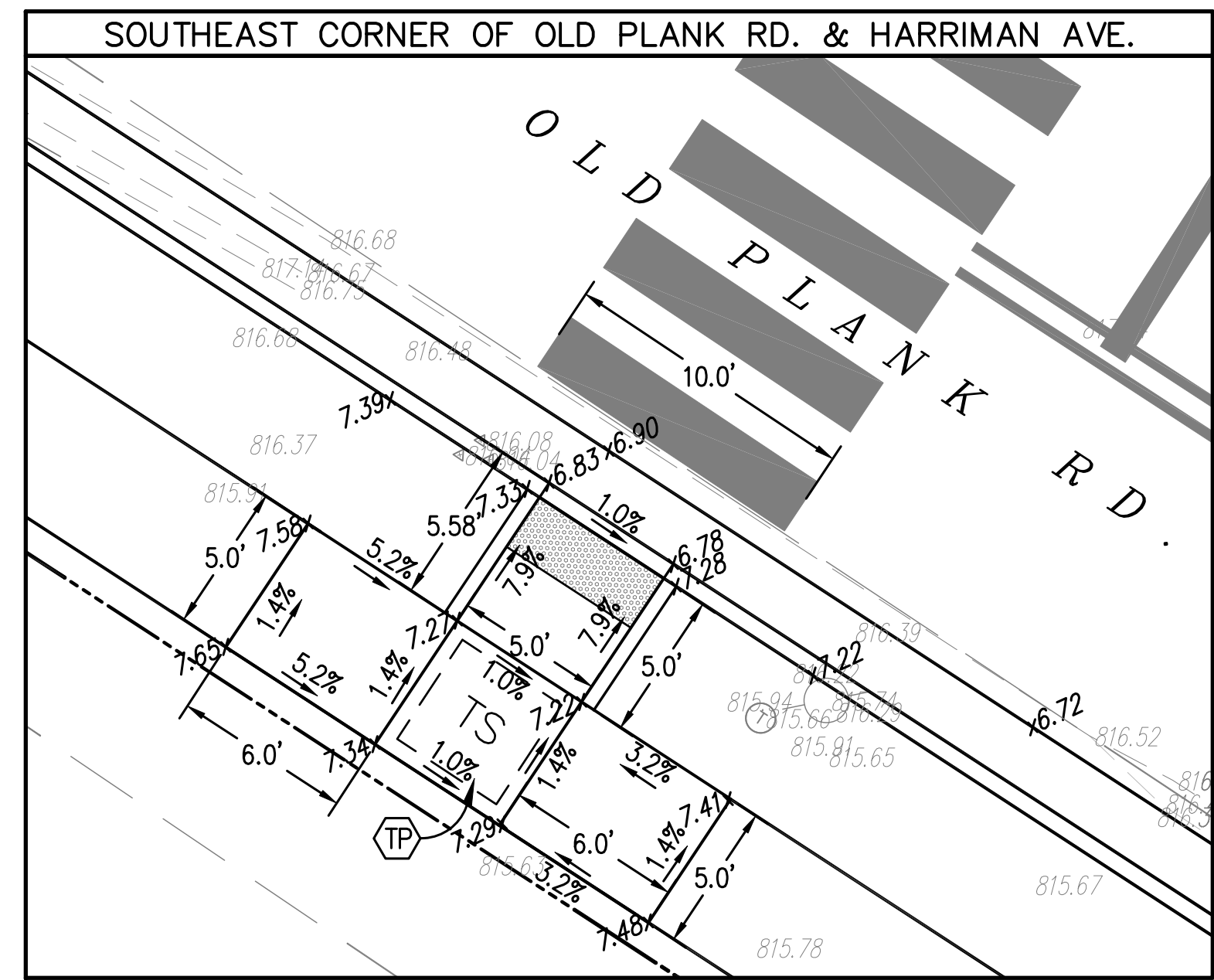
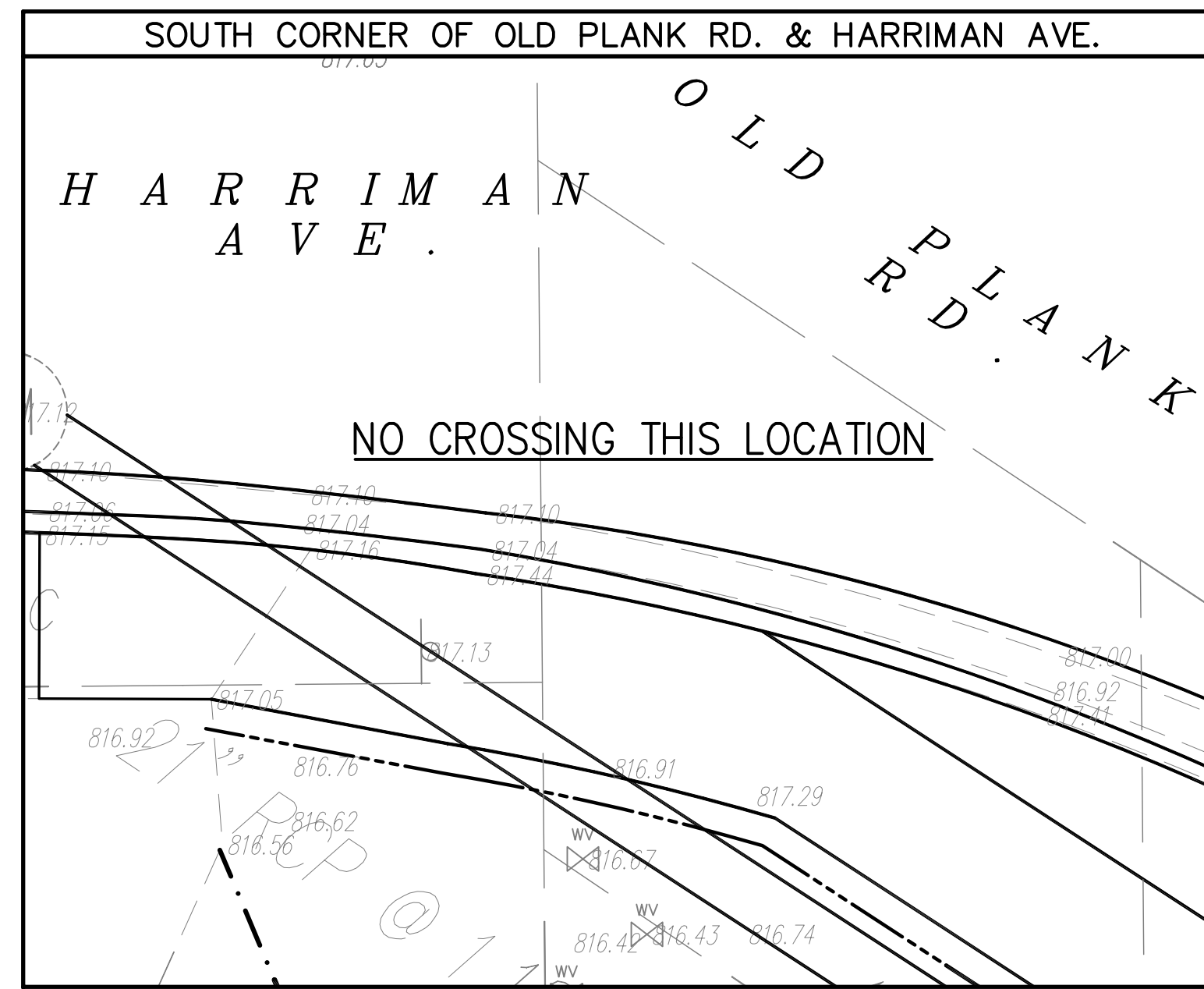
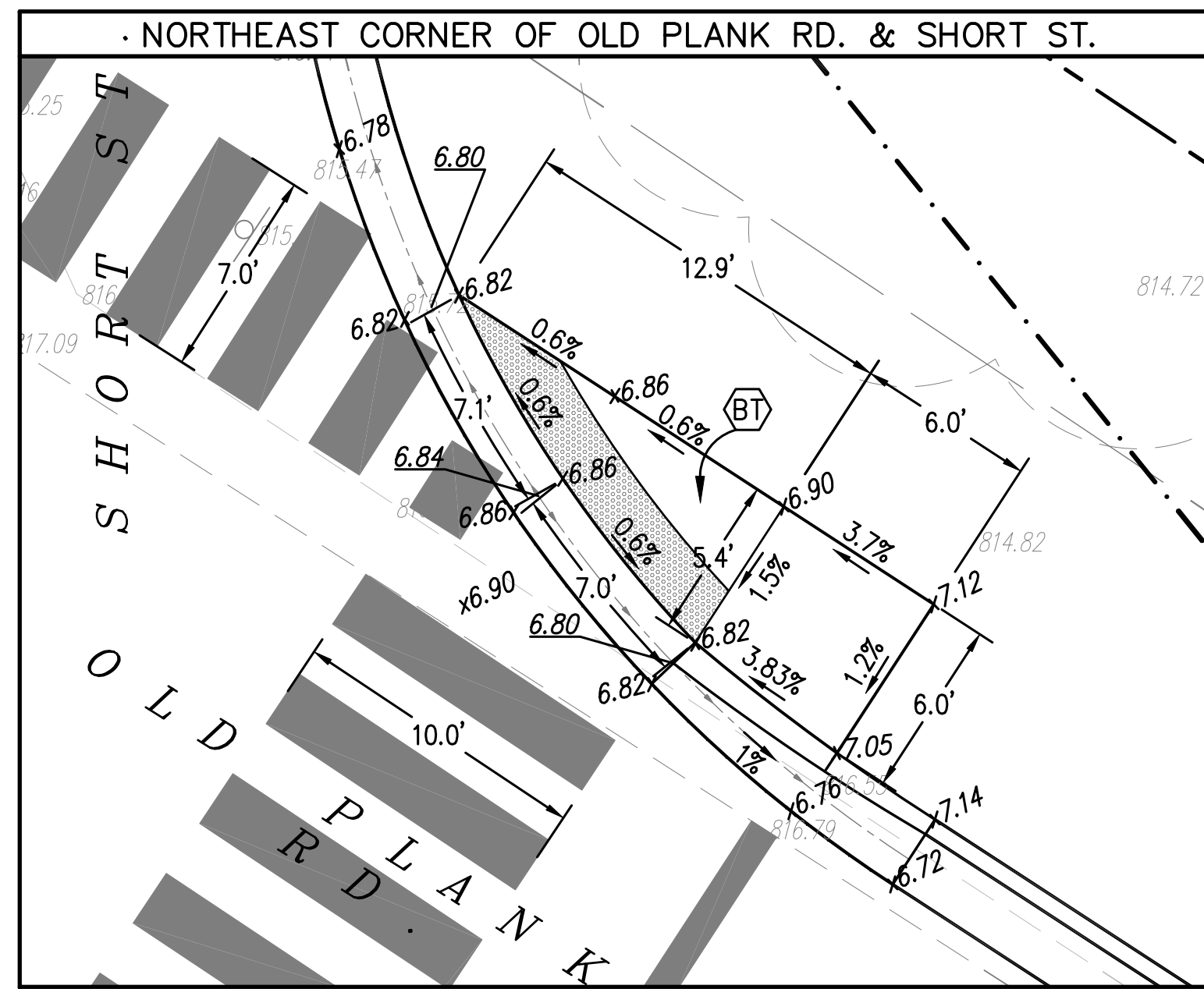
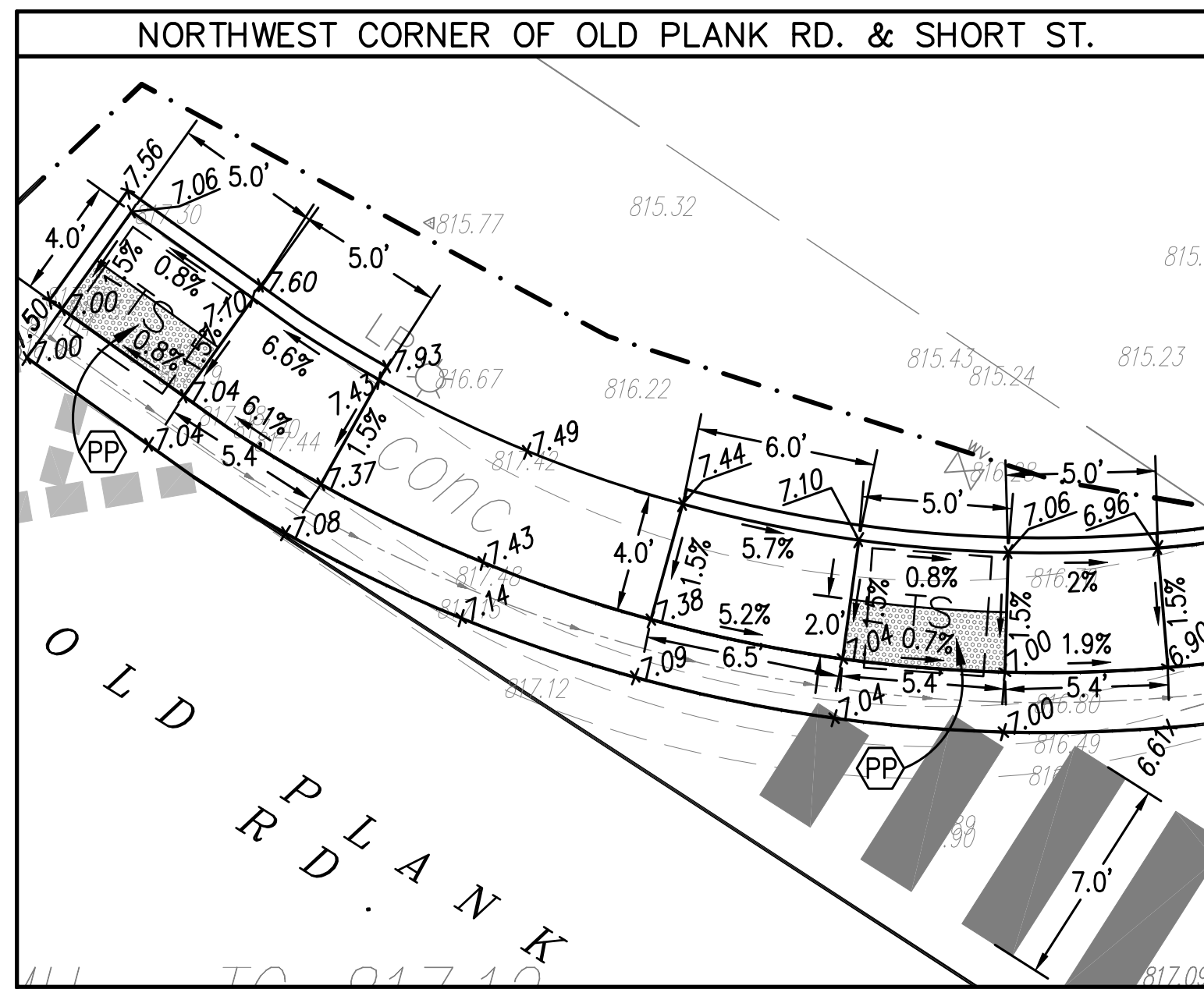
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INDIANA DEPARTMENT OF TRANSPORTATION

INTERSECTION SPOT ELEVATION DETAILS

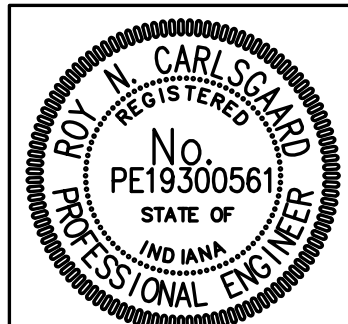
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VERTICAL SCALE N/A	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC CONTRACT R-38008	SHEETS 26 of 60 PROJECT 1401684

Date: Apr. 01, 2019, 11:46am User: ID: rnc File: C:\00-PROJECTS\0088-BRILE_MPO_PLANK_RD\DWG\24-26-Intersection_Details.dwg



ADA REQUIREMENTS:
1. DETECTABLE WARNING SURFACE TRUNCATED DOMES PATTERN SHOWN FOR REFERENCE ONLY. SEE STANDARD DRAWINGS.

- BT) BLENDED TRANSITION CURB RAMP
- CS) CLEAR SPACE
- DCR) DEPRESSED CORNER CURB RAMP
- DCR) DIAGONAL CURB RAMP
- MBCR) MIDBLOCK CROSSING CURB RAMP
- ODR) ONE WAY DIRECTIONAL PERPENDICULAR CURB RAMP
- PCR) PARALLEL CURB RAMP
- PPR) PAIRED PARALLEL CURB RAMP
- PDR) PERPENDICULAR CURB RAMP WITH ADJACENT WALKABLE SURFACE
- NWR) PERPENDICULAR CURB RAMP WITH ADJACENT NON-WALKABLE SURFACE
- SD) SHARED-USE PATH DETECTABLE WARNING SURFACE
- TPR) TIERED PERPENDICULAR CURB RAMP
- TS) TURNING SPACE



RECOMMENDED FOR APPROVAL: *Roy Carl Sgamm* 4/1/19
DESIGN ENGINEER DATE

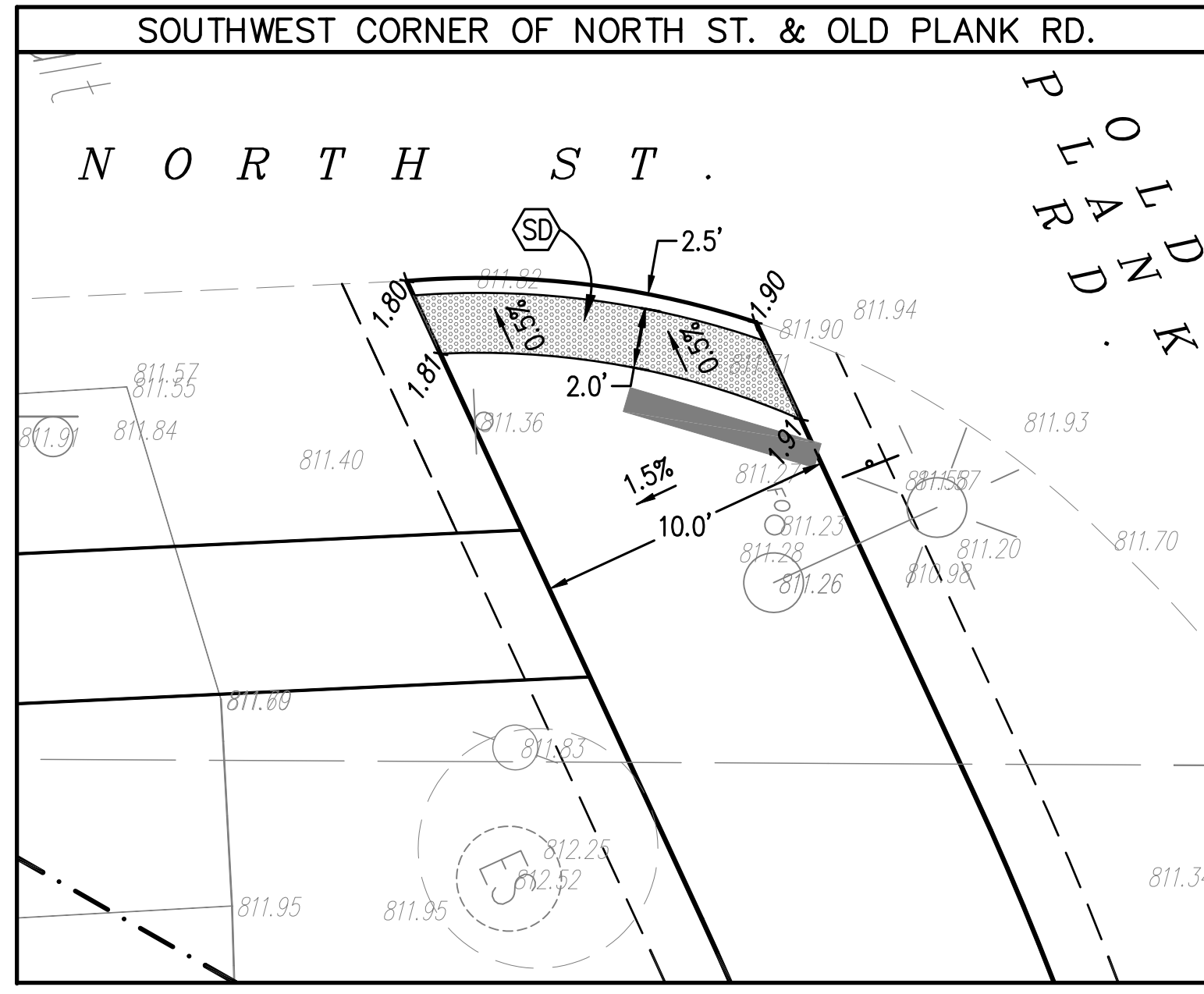
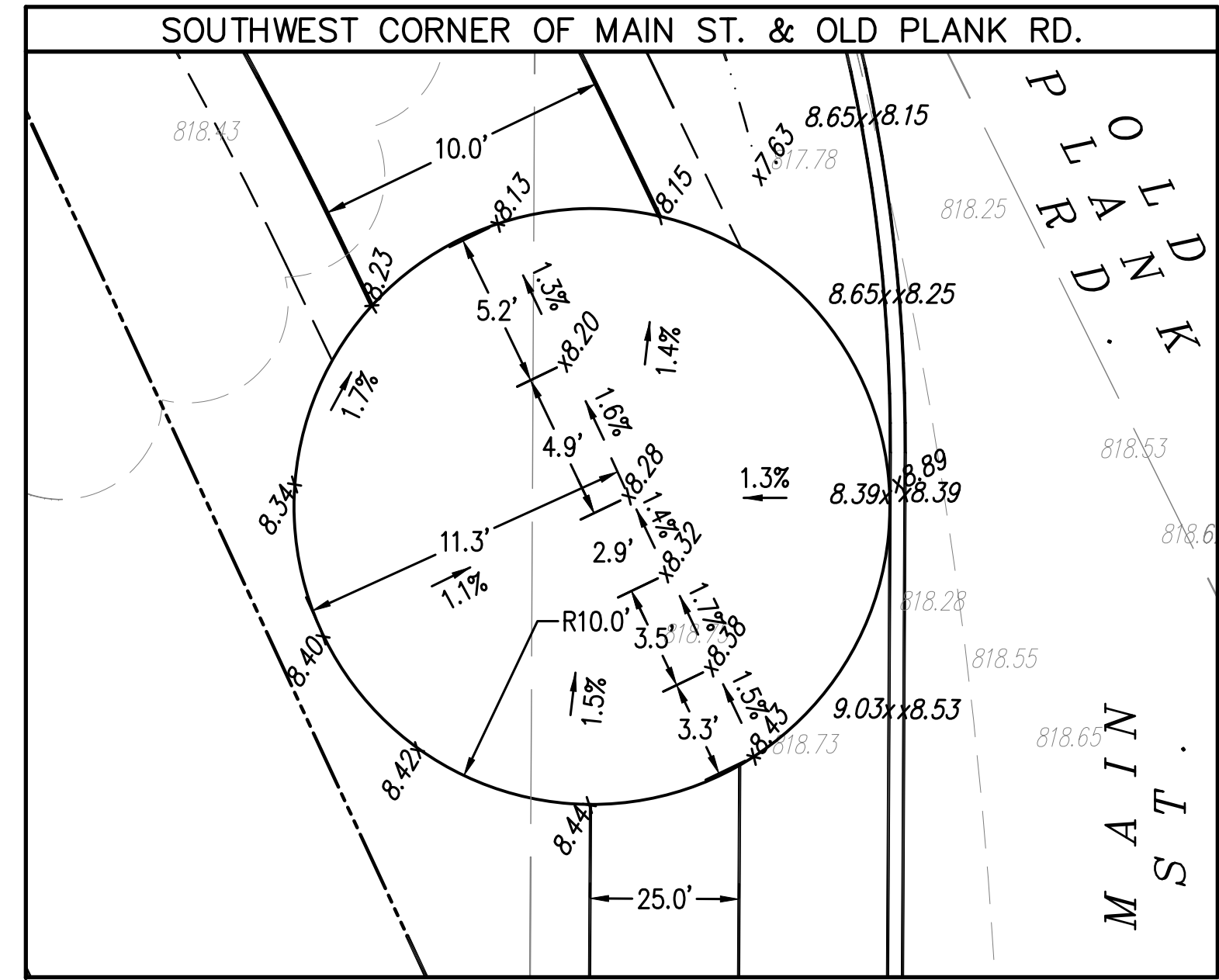
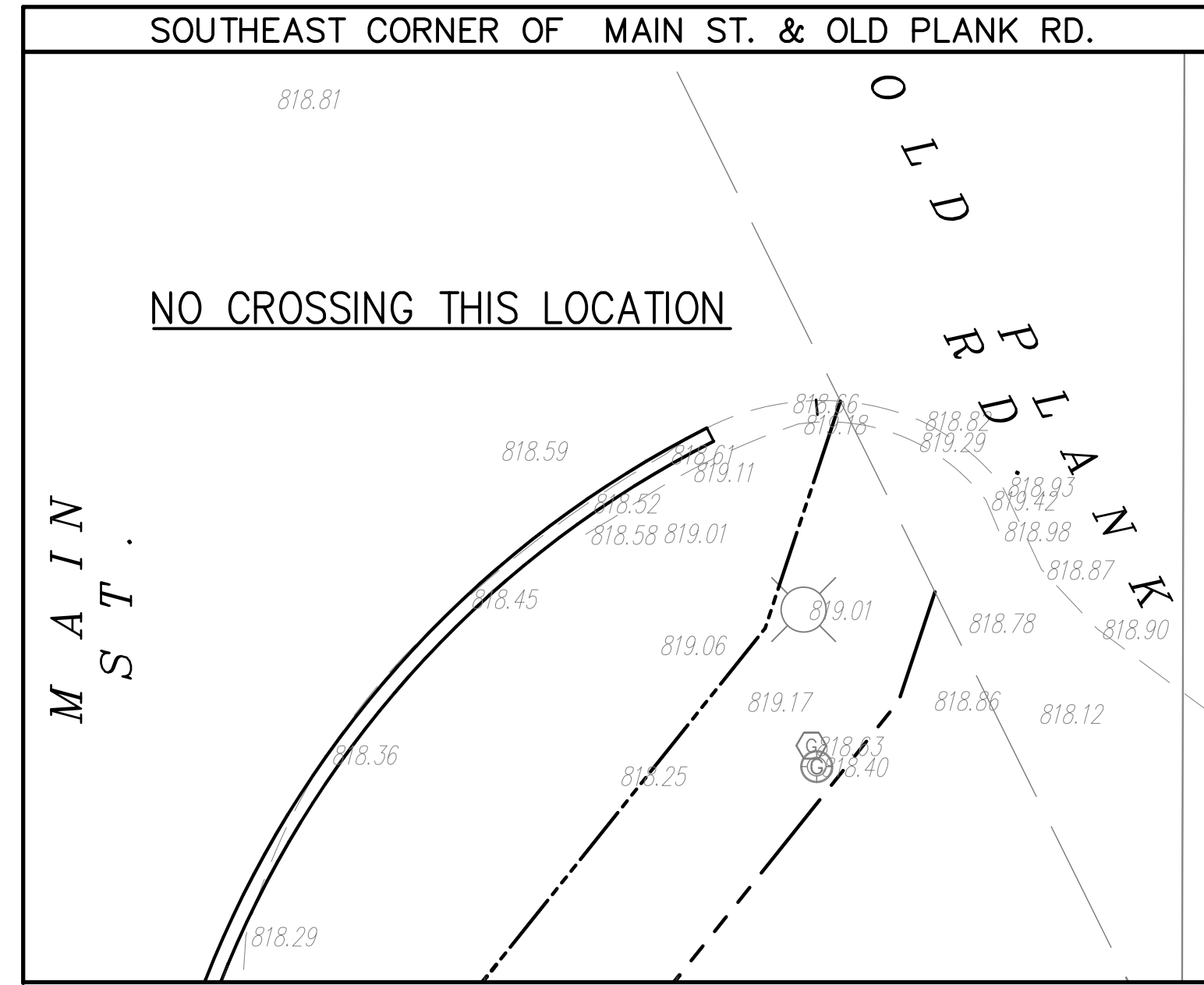
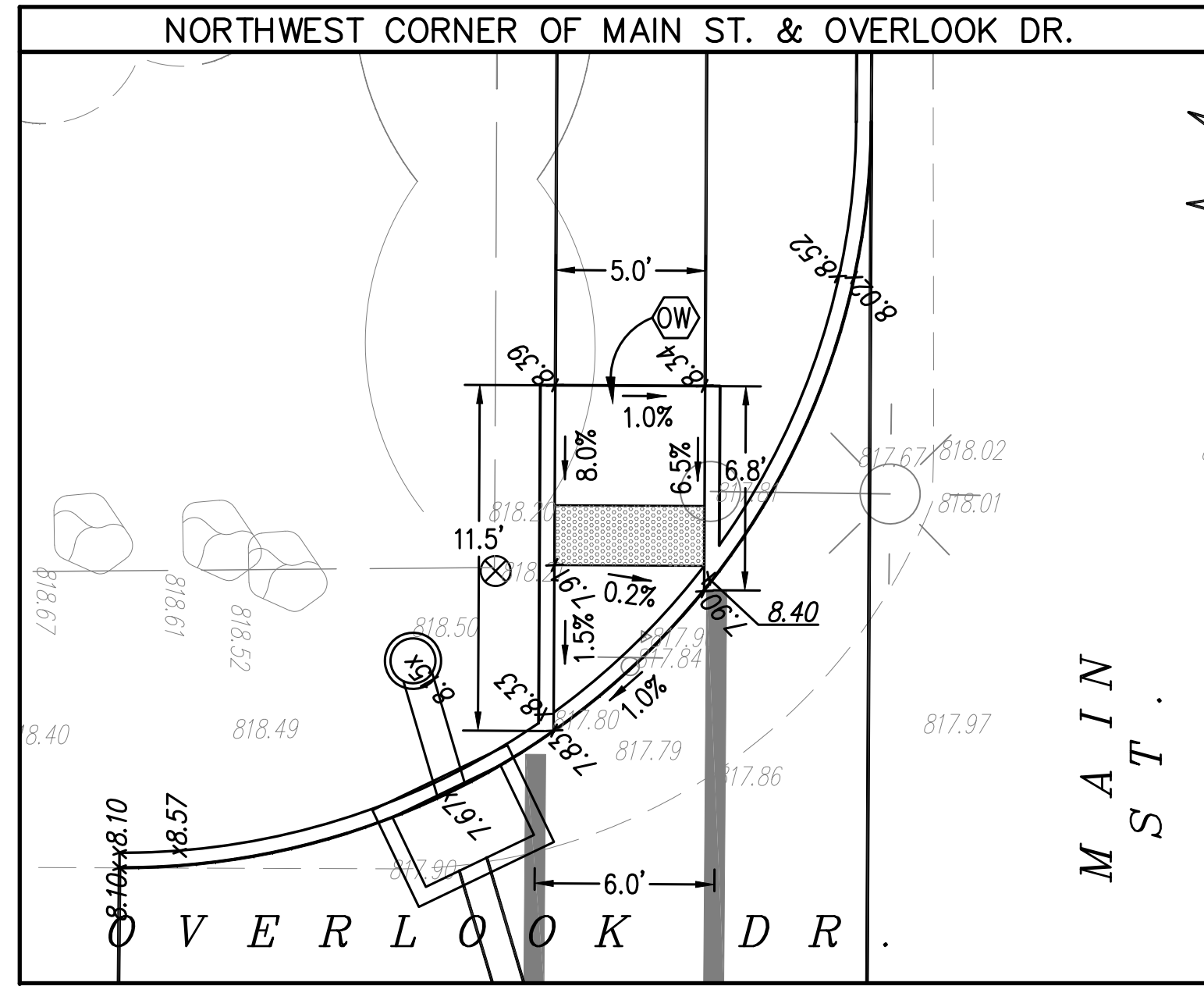
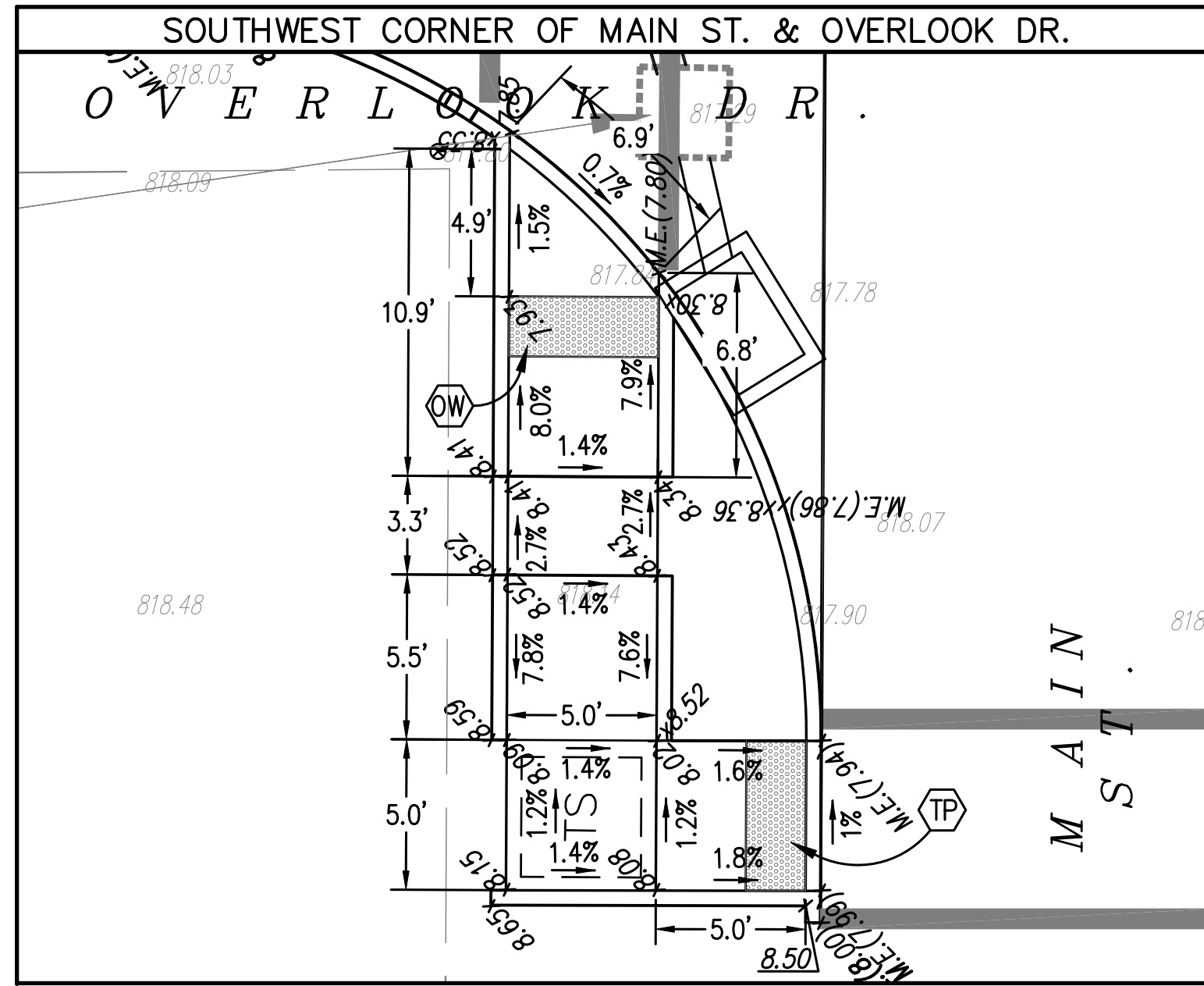
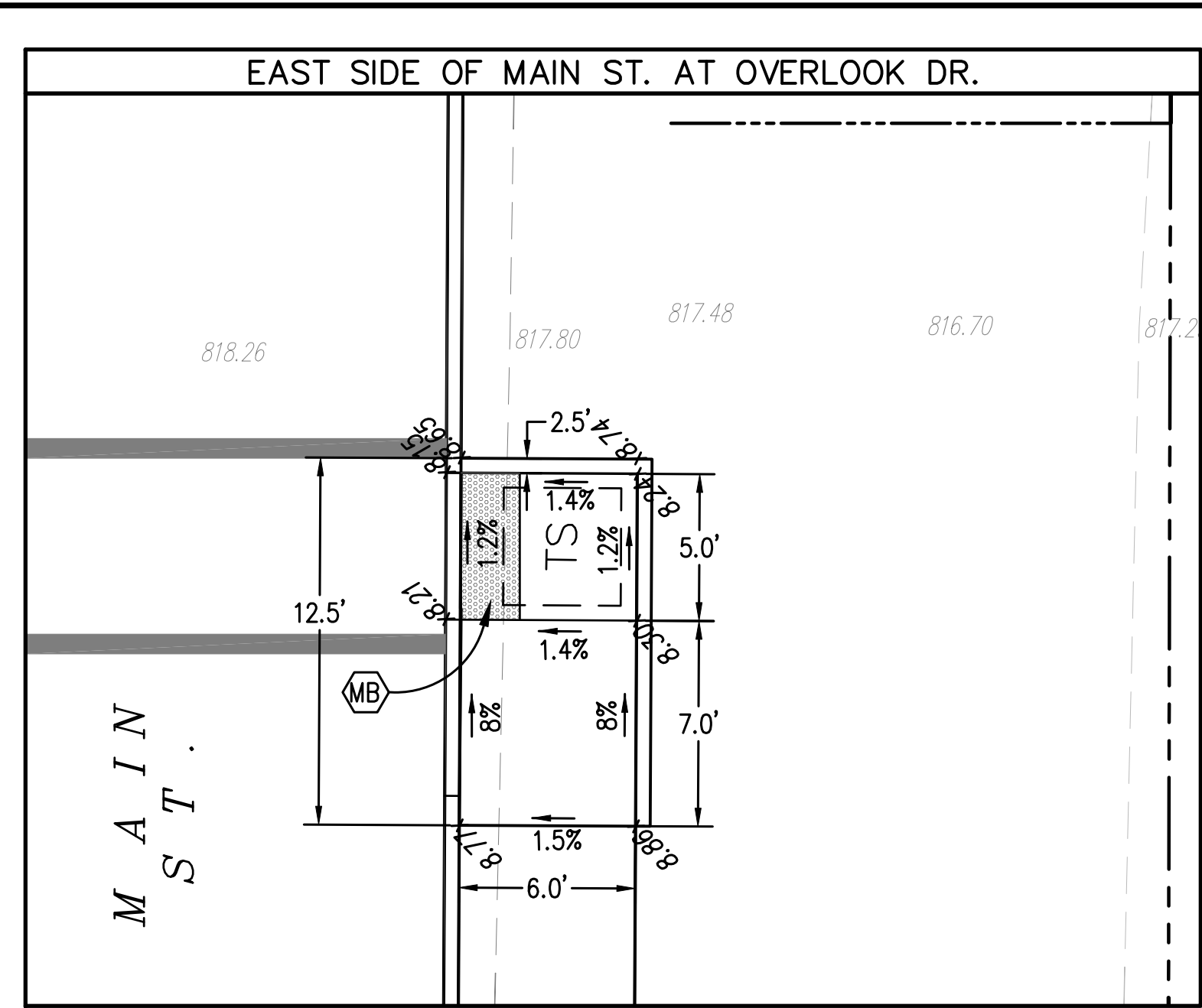
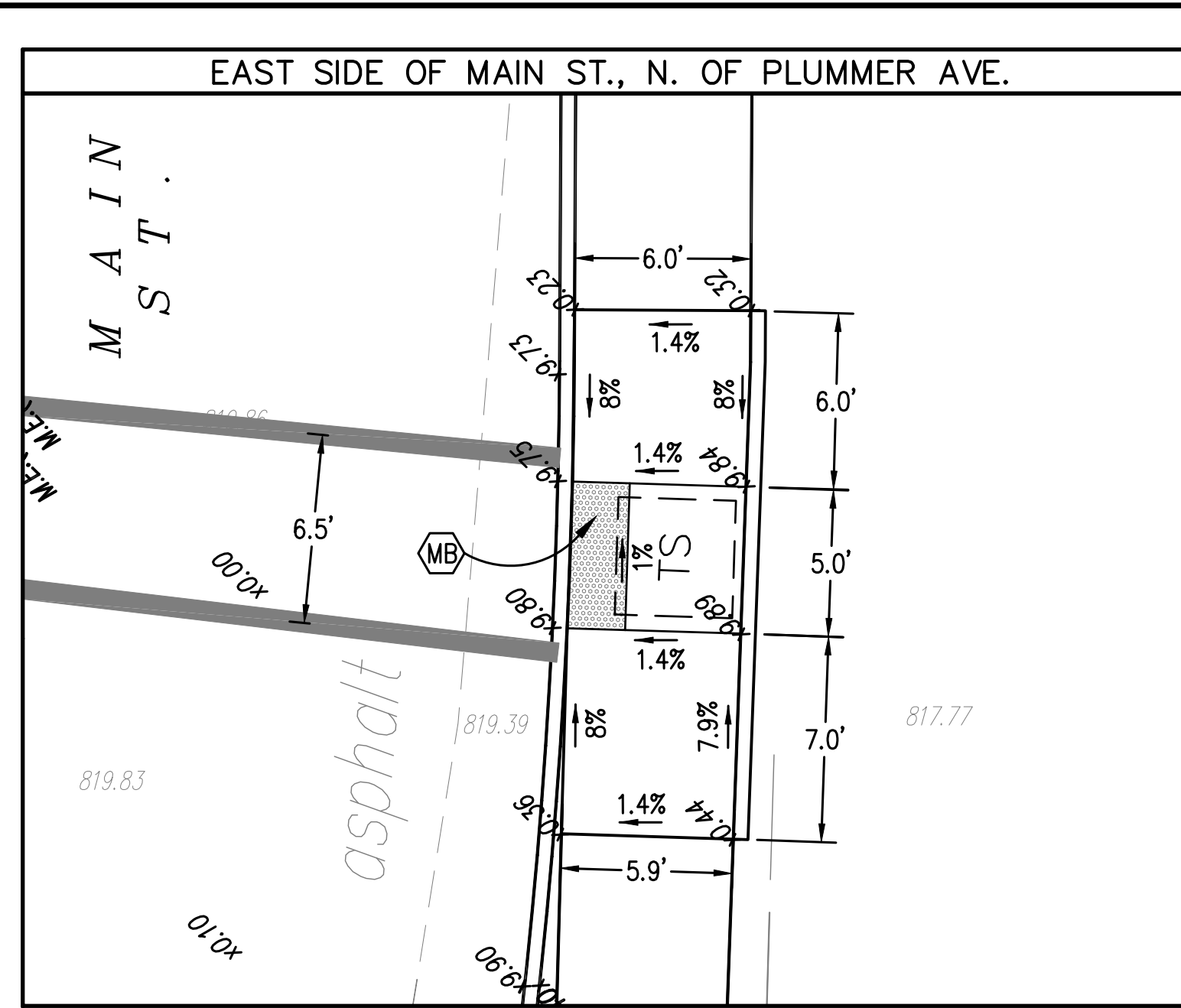
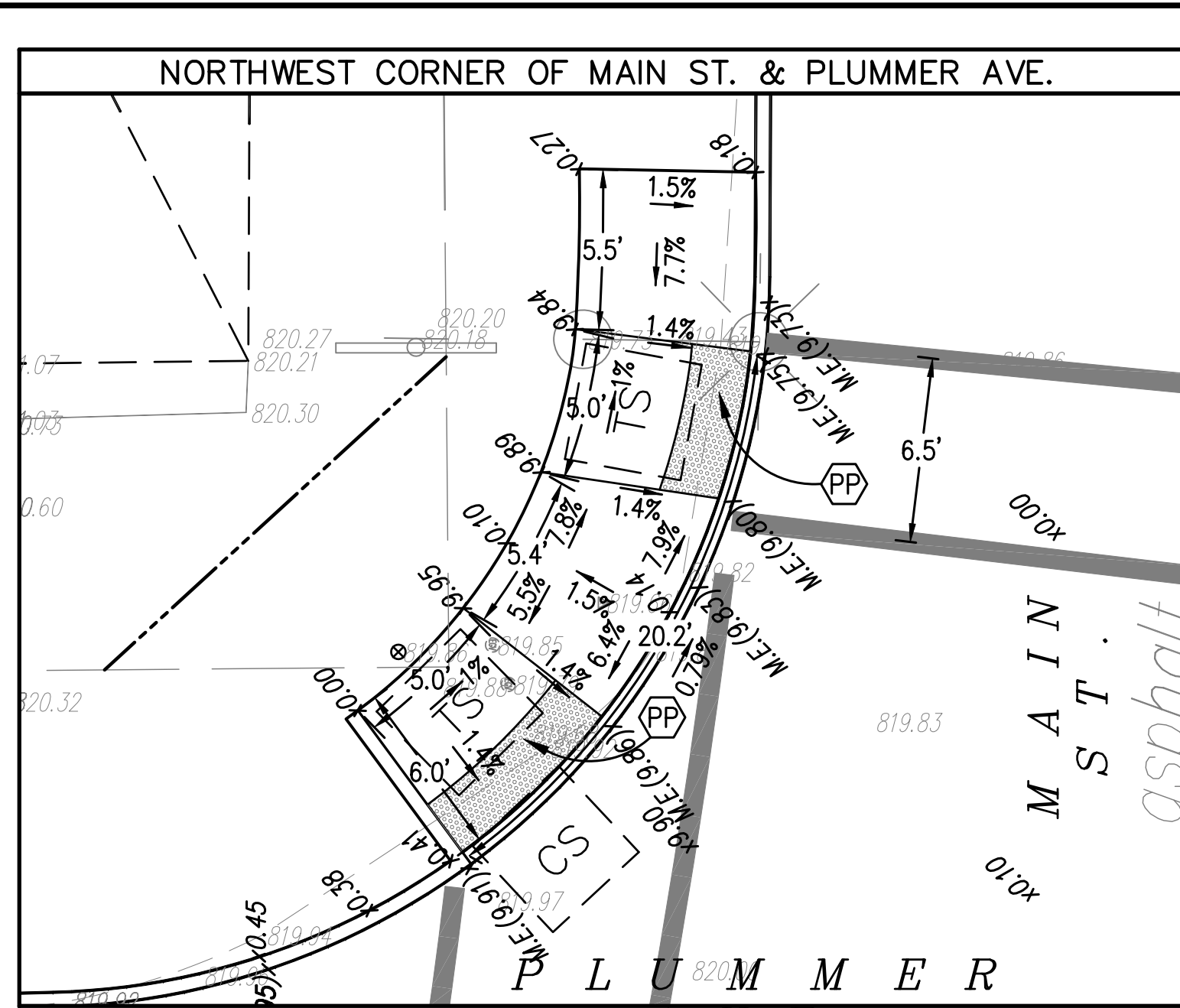
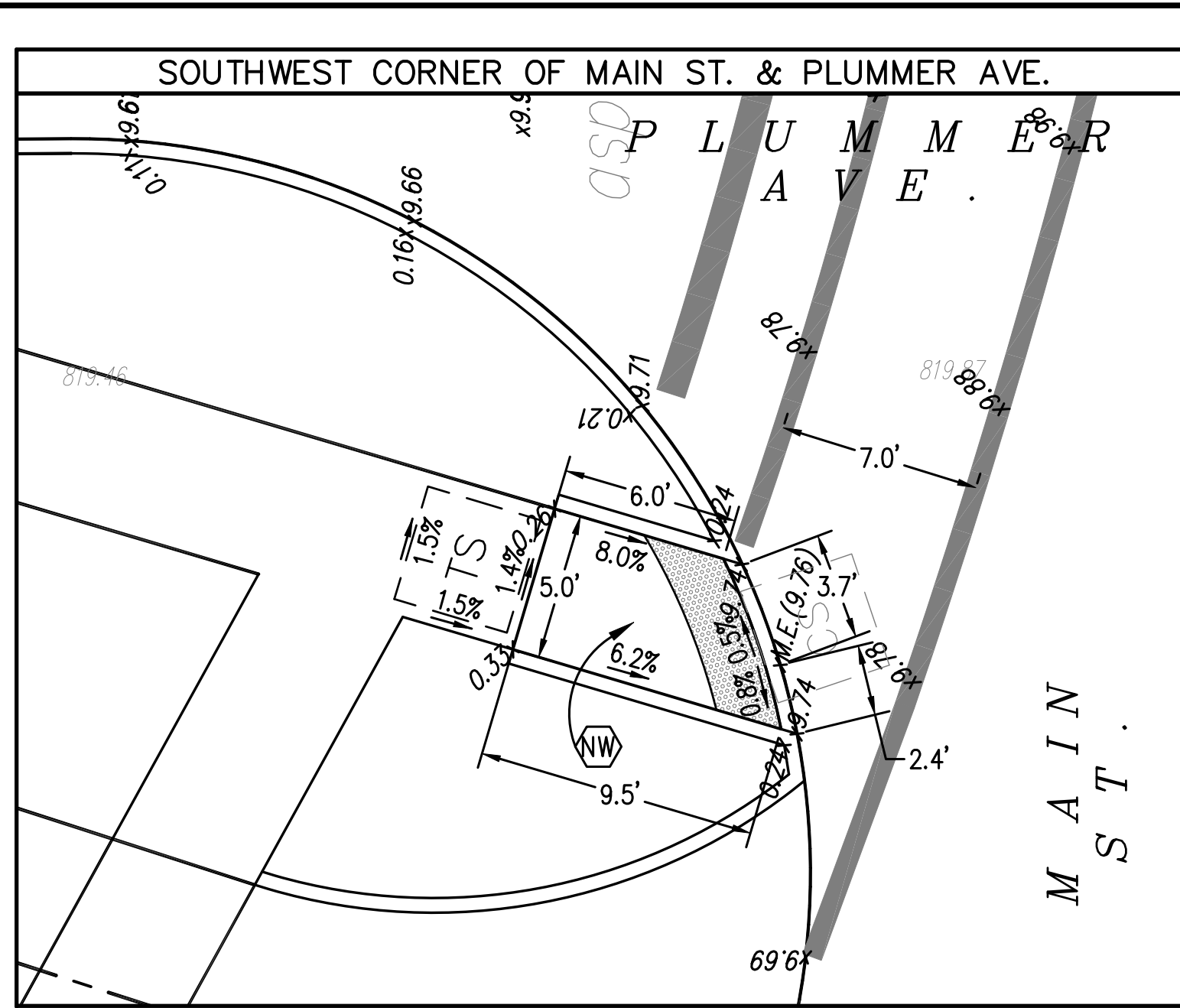
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CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE 1"=8'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC CONTRACT R-38008	SHEETS 27 of 60 PROJECT 1401684

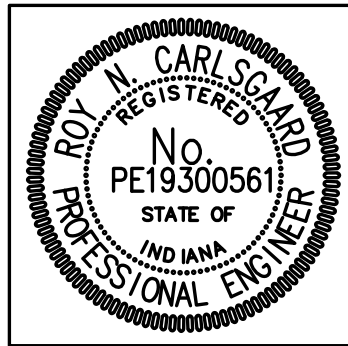
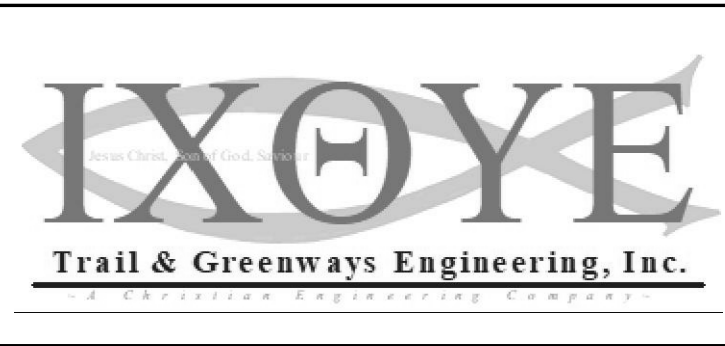
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(NOT A CURB RAMP AT THIS TIME)

ADA REQUIREMENTS:
 1. DETECTABLE WARNING SURFACE TRUNCATED DOMES PATTERN SHOWN FOR REFERENCE ONLY. SEE STANDARD DRAWINGS.

- BT BLENDED TRANSITION CURB RAMP
- CS CLEAR SPACE
- DP DEPRESSED CORNER CURB RAMP
- DA DIAGONAL CURB RAMP
- MB MIDBLOCK CROSSING CURB RAMP
- OW ONE WAY DIRECTIONAL PERPENDICULAR CURB RAMP
- PC PARALLEL CURB RAMP
- PP PAIRED PARALLEL CURB RAMP
- AW PERPENDICULAR CURB RAMP WITH ADJACENT WALKABLE SURFACE
- NW PERPENDICULAR CURB RAMP WITH ADJACENT NON-WALKABLE SURFACE
- SD SHARED-USE PATH DETECTABLE WARNING SURFACE
- TP TIERED PERPENDICULAR CURB RAMP
- TS TURNING SPACE



RECOMMENDED FOR APPROVAL: *Roy Carlsgaard* 4/1/19
 DESIGN ENGINEER DATE

DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE 1"=8'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC CONTRACT R-38008	SHEETS 28 of 60 PROJECT 1401684

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EROSION CONTROL PLAN INDEX FOR STATE REGULATION 327 IAC 15-5 STORMWATER MANAGEMENT ASSOCIATED WITH CONSTRUCTION ACTIVITY

CONSTRUCTION PLAN ELEMENTS, Section A

1. Index showing locations of required Plan Elements
See Plans
2. 11 by 17 inch plat showing building lot numbers/boundaries and road layout/names
Shown on the Title Sheet; no separate plat drawing
3. Narrative describing the nature and purpose of the project
The Pedestrian Improvements along Old Plank Road Project (INDOT Des. No. 1401684) is located west of SR 135, from its intersection with SR 144 in White River Township, Johnson County, Indiana and are being performed by a yet-to-be-determined INDOT selected Contractor, as new pedestrian and bicycle facilities. The project will involve topsoil removal, excavation/fill for subgrade construction, placement of new sidewalks, curbs, driveways and new trail pavements, installation of stormwater sewers and related appurtenances, grading, and restoration. Existing drainage patterns will generally be perpetuated or improved to drain appropriately. No Waters of the US are present in the area. Only the amount of area to properly perform the work shall be disturbed. When grading activities are complete, topsoil will be reinstated as needed over the areas to remain as grass. The site will be re-vegetated with permanent mulch seeding.
4. Vicinity map showing project location
Shown on the Title Sheet of the plans
5. Legal Description of the Project Site (Include Latitude and Longitude - NOI Requirement)
Section 1 & 2 Township 12 North, Range 3 East within Union Township, and Section 35 Township 13 North, Range 3 East within White River Township, Johnson County, Indiana; Latitude: 39°31'13", Longitude: -86°09'46"
6. Location of all lots and proposed site improvements (roads, utilities, structures, etc.)
Shown in plans
7. Hydrologic unit code (14 Digit)
05120202010100
8. Notation of any State or Federal water quality permits
Section 401 and 404 and IDNR Construction in a Floodway permits not required.
9. Specific points where stormwater discharge will leave the site
Shown in plans
10. Location and name of all wetlands, lakes and water courses on and adjacent to the site
Waters of the United States: none; no known wetlands located adjacent to site, see Wetlands Inventory Map on Erosion Control Plan Information Sheet
11. Identification of all receiving waters
Discharge into an interconnected municipal separate storm sewer system managed by Bargersville MS4, which ultimately discharges into Stott's Creek (off-site), a Water of the United States (blue line on USGS Quadrangle Maps).
12. Identification of potential discharges to ground water (abandoned wells, sinkholes, etc.)
None identified.
13. 100 year floodplains, floodways, and floodway fringes
Floodplains, floodways or floodway fringes are not located within the project limits. See Plans and FIRM Map on Erosion Control Plan Information Sheet.
14. Pre-construction and post construction estimate of Peak Discharge (10 Year storm event)
Pre and post construction discharges will be similar due to the minimal change in overall surface types compared to overall watershed.
15. Adjacent landuse, including upstream watershed
Road right-of-way, residential, light commercial and agricultural; upstream watershed is generally similar
16. Locations and approximate boundaries of all disturbed areas (Construction Limits)
Shown in plans
17. Identification of existing vegetative cover
Residential yards consisting of lawns, commercial areas with lawns and agricultural fields with crops
18. Soils map including soil descriptions and limitations
See Plans and Soil Map on Erosion Control Plan Information Sheet. Each of the involved soils is described in the attached sheets from the Soil Survey of Johnson County, Indiana (United States Department of Agriculture, Soil Conservation Service).
19. Locations, size and dimensions of proposed stormwater systems (e.g. pipes, swales and channels)
Shown in Plans; Storm sewers vary in size and length
20. Plans for any off-site construction activities associated with this project (sewer/water tie-ins)
None
21. Locations of proposed soil stockpiles and/or borrow/disposal areas
None; Contractor to specify off-site storage areas; excess excavations shall be exported (hailed off) by Contractor to approved sites.
22. Existing site topography at an interval appropriate to indicate drainage patterns
Shown in plans
23. Proposed final topography at an interval appropriate to indicate drainage patterns
Shown in plans

STORMWATER POLLUTION PREVENTION - Construction Component, Section B

1. Description of potential pollutant sources associated with construction activities
Potential pollutant sources include soil erosion, airborne dust, construction equipment leakage and construction materials debris
2. Sequence describing stormwater quality measure implementation relative to land disturbing activities
Contractor shall submit appropriate documentation describing the sequencing following contract award. Implement the stormwater quality measures generally in conformance with the sequence given in Table 2
3. Stable construction entrance locations and specifications (at all points of ingress and egress)
Work is located adjacent to roadways; Install entrance(s) as necessary per INDOT Standard Detail.
4. Sediment control measures for sheet flow areas
Silt fence and erosion control blanket as shown in Plans; also utilize surface roughening, temporary seeding and additional temporary silt fence as needed
5. Sediment control measures for concentrated flow areas
Install ditch inlet protection and riprap as shown on Plans; utilize erosion control blanket as necessary during construction and/or fill operations in areas of concentrated flow where erosion occurs or is likely to occur; measures shall not be removed until such time as the entire disturbed area has been permanently stabilized.
6. Storm sewer inlet protection measure locations and specifications
Ditch inlet protection (gravel ring), storm inlet protection (geotextile box, slotted barrel, inlet bag) as shown on Plans per INDOT Standard Drawing details and per INDOT Standard Specifications.
7. Runoff control measures (e.g. diversions, riprap check dams, slope drains, etc.)
Not applicable
8. Storm water outlet protection specifications
Not applicable
9. Grade stabilization structure locations and specifications
Not applicable
10. Location, dimensions, specifications, and construction details of each stormwater quality measure
Silt fence, grass filter strips, riprap - locations as shown in Plans; Dimensions and construction details as shown in Plans and INDOT Standard Drawings; Specifications as given in INDOT Standard Specifications Section 205 and Section 621, Silt Fence: Dwg#E-205-TECP-02, non-woven type.
11. Temporary surface stabilization methods appropriate for each season (include sequencing)
Temporary seeding and mulching to be installed in accordance with INDOT Stand. Specification Sec. 621 immediately after completion of earth disturbing activities in any disturbed areas which are to be left idle for 15 days or more. Temporary seeding shall conform to INDOT Specification Sec. 621.06(f), Seed Mixture T. See Plans
12. Permanent surface stabilization specifications (include sequencing)
See INDOT Stand. Specifications Sec. 621; As shown in the Plans; Permanent seeding over all disturbed areas
13. Material handling and spill prevention plan
Contractor shall exercise care in the storage and handling of potential pollutants. All equipment shall be parked in an approved, specified area (Contractor determined, Engineer approved) with proper protection installed to prevent leakage or spillages from entering the groundwater and/or storm runoff. Equipment must be checked for leaking fluids during site inspections. Leaking equipment should be removed from the site until repairs have been accomplished. Spills must be removed from the site in accordance with State and Federal requirements. Contractor shall comply with the Material Safety Data sheets for each potential pollutant. See Spill Reporting requirements, this Sheet. In order to minimize the release of potential pollutants during construction, the Contractor shall implement this material handling and spill prevention plan in accordance with 327 IAC 2-6.1 Spill Reporting, Containment & Response and 327 IAC 2-10 Secondary

Containment of Above Ground Storage Tanks Containing Hazardous Materials. The Contractor shall review this plan with all subcontractors and require that they implement the plan as well. Construction Equipment:

- a) Fueling: Lubrication and fluids all operations involving the addition of fluids to equipment shall be done in one location, designated by the general contractor to limit potential spill locations and to facilitate cleanup of spills. If an on-site fueling tank is planned to be on site, it shall be double-walled and stored in this designated area. This location shall be in an area that will not allow spilled fluids to migrate into subsurface soils. In the event of a spill, the fluid shall be immediately cleaned up by removing the contaminated soil or stone, which shall then be disposed of in an acceptable manner. Spills on hard surfaces shall be soaked up by an acceptable material, such as oil dry, and the absorbent material disposed of in a proper manner. The spill shall also be reported immediately to the Contractor's superintendent.
 - b) Equipment Repair: Equipment repair should always be done offsite at a facility that is more suitable to handle spills, especially when fluids must be removed from the equipment or the possibility of fluid spills is high. When equipment must be repaired on-site, it shall be moved to the maintenance and fueling area if possible. Otherwise, suitable on-site containers shall be placed under the equipment during the repair to catch any possible spilled fluids. These fluids shall be disposed of in a proper manner.
 - c) All reusable fluid containers, such as gasoline cans, shall be inspected for leaks each time they are used. If leaks are found, the fluid shall be removed from the container in a proper manner and the container disposed of in an acceptable manner. Empty disposable containers, such as grease tubes, lubricating oil and brake fluid containers and their packaging shall be disposed of in a proper manner and shall not be left on the ground or in the open on the site.
 - d) Concrete Washout: Washout of concrete will be allowed on-site only within the approved washout area utilizing an approved prefabricated unit or the details shown on the Miscellaneous Details Sheet. Place washout such that drainage does not enter washout area. Adjacent ground should slope away from washout, but not directly lead to waterways or sensitive areas.
14. Monitoring and maintenance guidelines for each proposed stormwater quality measure
See INDOT Specifications, Sec. 205; Conform to the Indiana Storm Water Quality Manual and INDOT Specifications Sec. 205; All areas of the project as well as each installed erosion and sediment control practice should be inspected by a qualified person at least once every seven (7) days and within 24 hours after each rain event that is 0.5 inches or greater. Any noted damage or deficiencies should be corrected within 24 hours of discovery. Written self-inspection records should be kept for each monitoring operation, and should include any corrective action taken. It is the responsibility of the Contractor to maintain the project site in compliance at all times throughout construction and until the entire site is complete and permanently stabilized.
 15. Erosion & sediment control specifications for individual building lots
No individual building lots

STORMWATER POLLUTION PREVENTION - Post Construction Component, Section C

1. Description of pollutants and their sources associated with the proposed land use
Typical road right-of-way, residential or park-type usage; possible herbicides/pesticides/fertilizers; wind blown debris from off-site
2. Sequence describing stormwater quality measure implementation
Install permanent mulched seeding, rip-rap and/or erosion control blankets at discharge points, as shown on the plans; Drainage patterns and surfaces are substantially unchanged.
3. Description of proposed post construction stormwater quality measures (Include a written description of how these measures will reduce discharge of expected pollutants)
Grass filter strips, grass lined swales and catch basin sumps will filter pollutants that might disperse from pavements; Contractor shall identify a specific individual who shall be responsible to monitor and implement correction of the permanent erosion and sediment control measures until such time as they are fully established. No other post construction water quality measures required. The area should not experience a change in discharge of pollutants.
4. Location, dimensions, specifications, and construction details of each stormwater quality measure
Locations as shown in Plans; Dimensions and construction details as shown in Plans and INDOT Standard Drawings; Specifications as given in INDOT Standard Specifications Section 205 and Section 621
5. Description of maintenance guidelines for post construction stormwater quality measures
It is recommended that the Owner review, monitor and maintain the discharge areas mentioned in B5 and B8 to ensure long-term stability. Owner to maintain area as road right-of-way and/or park greenspace, including erosion monitoring and debris cleanup.

PREVAILING CONDITIONS:

1. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE IDEM STORMWATER QUALITY MANUAL DATED OCT. 2007.
2. STATE, COUNTY OR TOWN OFFICIALS SHALL HAVE THE RIGHT TO REQUIRE ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES AS FIELD CONDITIONS WARRANT.

NOTES:

1. Erosion control blanket, where called out on the plans, shall be either:

(a) Excelsior Blankets

Excelsior blankets shall be placed within 24 hr after seeding operations have been completed on ground prepared for seeding. After the area has been properly shaped, fertilized, and seeded, the blanket shall be laid out flat, evenly, and smoothly, without stretching the material. Blankets shall be held in place by means of wire staples. The staples shall be driven at a 90° angle to the plane of the soil slope. Staples shall be spaced not more than 5 ft apart in three rows for each strip, with a row along each edge and one row alternately spaced in the middle. The upslope edge shall be fastened by staples spaced 12 in. apart. The ends and edges of the blankets shall be tightly butted together, but not lapped. Blanket shall be placed with the length running from top of slope to toe of slope, or placed with the length running horizontally or parallel to the contour.

(b) Straw Mat

Straw mat shall be placed within 24 hr after seeding on ground prepared for seeding. After the area has been properly shaped, fertilized, and seeded, the straw mat shall be unrolled over the designated area so that the plastic mesh is on top and the straw fibers are snugly and uniformly in contact with the soil surface without stretching the material. The rolls shall be butted snugly together and stapled in place. The staples shall be driven through the blanket at a 90° angle to the plane of the ground surface. Each staple shall anchor the plastic mesh, the staples shall be spaced at approximately 3 ft increments, both longitudinally and transversely. For placement on slopes, the straw mat shall be placed with the length running from the top of slope to the toe of slope and shall extend a minimum of 3 ft over the crown of the slope. On slope applications, six staples shall be installed across the uphill end of the roll. The downhill ends of the lowermost rolls across the slope shall also be anchored with six staples, placed on uniform spacing.

TABLE 2 - EROSION CONTROL CONSTRUCTION SEQUENCE SCHEDULING

CONSTRUCTION PHASE (Specific activities or practices)	CONSTRUCTION SCHEDULE CONSIDERATION	MONITORING & MAINTENANCE SCHEDULE
Pre-construction Actions (Evaluation / protection of important site characteristics)	Before construction, evaluate, mark, and protect important trees and associated rooting zones, unique areas (e.g.: wetlands) to be preserved, & vegetation suitable for filter strips, especially in perimeter areas. Install silt fence per details, parallel to contours.	Establish and evaluate project; assign superintendent who will be in charge of overseeing erosion facilities. Erect project posting board in visible and accessible location. Post NOI and SWPPP permit holders notices. Schedule and hold a Pre-Construction Conference with Town of Bargersville inspection staff.
Construction Access (Construction entrances, vehicle routes, parking areas)	Stabilize bare areas immediately with gravel and temporary vegetation as work takes place.	Inspect construction entrance weekly and after storm events and heavy usage, reshape and top dress as needed including removal of immediate sediments by sweeping or brushing.
Sediment Barriers and Traps (Sediment basins silt fences, outlet protection, filter sock)	Install principle basins after construction site is assessed. Install additional traps and barriers as needed during grading & install perimeter swales. (erosion control measures)	Inspect the silt fence weekly and after 1/2" rain events, make needed repairs immediately. Avoid damaging or undercutting the fabric during sediment removal. When the contributing area has been stabilized, remove and properly disposed of all construction material and sediment.
Runoff Control (Diversions, perimeter dikes, water bars, outlet protection)	Install practices after principal sediment traps are installed but before site grading. Install additional runoff control measures during grading as needed.	Inspect the sediment basins weekly and after 1/2" rain events, remove and properly dispose of sediment when accumulation reaches one-half the design volume.
Runoff Conveyance Systems (Stabilized stream banks, storm drains, inlet and outlet protection, channels)	When necessary, install principle conveying system with runoff control measures. Install remainder of system after grading.	Inspect vegetation, and re-seed if necessary.
Land Clearing & Grading (Cutting/milling, grading drains, sediment traps, barriers, diversions, surface roughening)	Begin major clearing and grading after installing the key sediment and runoff measures. Install additional control measures as grading progresses.	Inspect newly topsoil areas weekly until vegetation is established. Repair eroded or damaged areas and re-vegetate.
Surface Stabilization (Temporary and permanent seeding mulching, sodding, riprap)	Apply temporary or permanent stabilization measures immediately on all disturbed areas when work is delayed or completed. If left inactive for more than 15 days, more appropriate measures will be implemented to stabilize the site. Install geotextile, gravel & infrastructure.	Inspect weekly and especially after 1/2" rain events, until the temporary vegetation is successfully established. Repair damaged, bare, or sparse areas by filling any gullies, overall re-seeding, and mulching. If plant coverage is sparse or patchy, review the plant materials chosen, soil fertility, moisture condition, and mulching; then repair the affected area either by over-seeding or re-seeding and mulching after preparing the seedbed. If washout, or breakage, or erosion is present, repair the surface, then re-seed, re-mulch and, if applicable, install new netting. Continue inspections until vegetation is firmly established. Inspect periodically for displaced rock material, slumping, and erosion, especially downstream.
Construction Site (Building, utilities, gravel, concrete pads)	Provide concrete washout in designated area. Install necessary erosion and sediment control practices as work takes place. If left inactive for more than 15 days, more appropriate if any areas show erosion, measures shall be implemented to stabilize the site.	During vegetative establishment, inspect weekly and after 1/2" rain events for any erosion below the blanket or mulching. Pull back that portion of the blanket covering it, add soil, re-seed the area, and re-lay and staple the blanket. After vegetative establishment, check the treated area periodically.
Landscaping & Final Stabilization (Topsoil, trees, and shrubs, permanent seeding, mulching, sodding, riprap) (Post construction)	Stabilize all open areas including borrow and spoil areas. Remove temporary control measures and stabilize. Permanent seed all bare soil areas. Convert sediment basins into permanent detention basins.	Inspect weekly and especially after 1/2" rain events, until the strand is successfully established. Repair damaged, bare, or sparse areas filling any gullies and re-fertilizing. If plant coverage is less than 70%, review the plant materials chosen, soil fertility, moisture condition, and mulching; then repair the affected area either by over-seeding or by re-seeding and mulching after preparing the seedbed. If additional fertilization is needed to get a satisfactory stand, do so according to soil test recommendations. Monitor outlet of spillway for erosion concerns.

SPILL REPORTING

327 IAC 2-6.1-5 Reportable spills; facility Authority: IC 13-14-8-7 Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

The following spills from a facility must be reported:

- (1) Spills that damage the waters of the state so as to cause death or acute injury or illness to humans or animals.
- (2) Spills from a facility that has been notified in writing by a water utility that it is located in a delineated public water supply wellhead protection area as approved by the department under 327 IAC 6-4.1 that are spills of:
 - (A) hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less;
 - (B) petroleum when the amount spilled exceeds fifty-five (55) gallons; or
 - (C) objectionable substances as defined in section 4(11) of this rule.
- (3) Spills that damage waters of the state and that are located:
 - (i) within fifty (50) feet of a known private drinking water well located beyond the facility property boundary; or
 - (ii) within one hundred (100) yards of:
 - (1) any high quality water classified as an outstanding state resource water listed in 327 IAC 2-1-11(b), 327 IAC 2-1.3-3(d), or 327 IAC 2-1.5-19(b), excluding Lake Michigan;
 - (2) any water designated as capable of supporting a salmonid fishery pursuant to 327 IAC 2-1-6(c)(1) or 327 IAC 2-1.5-5(a)(3), except Lake Michigan; or
 - (3) any water that is a fish hatchery, fish and wildlife area, nature preserve, or recreational water owned by the department of natural resources or the federal government.
- (4) For any spill that does not meet the criteria in subdivisions (1) through (3), the following must be reported:
 - (A) Spills to surface waters that include one (1) or more of the following:
 - (i) Hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less.
 - (ii) Petroleum of such quantity as to cause a sheen upon the waters.
 - (iii) Objectionable substances as defined in section 4(11) of this rule.
 - (B) Spills to soil beyond the facility boundary that include one (1) or more of the following:
 - (i) Hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less.
 - (ii) Petroleum when the amount spilled exceeds fifty-five (55) gallons.
 - (iii) Objectionable substances as defined in section 4(11) of this rule.
 - (C) Spills to soil within the facility boundary that include one (1) or more of the following:
 - (i) Hazardous substances or extremely hazardous substances when the amount spilled exceeds the reportable quantity.
 - (ii) Petroleum when the spilled amount exceeds one thousand (1,000) gallons.
 - (iii) Objectionable substances as defined in section 4(11) of this rule.
- (5) Any spill for which a spill response has not been done.

327 IAC 2-6.1-6 Reportable spills; transportation Authority: IC 13-14-8-7 Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

The following spills from a mode of transportation must be reported:

- (1) Spills that damage the waters of the state so as to cause death or acute injury or illness to humans or animals.
- (2) Spills that damage surface waters.
- (3) Spills to soil:
 - (A) spills of hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less;
 - (B) spills of petroleum when the amount spilled exceeds fifty-five (55) gallons; or
 - (C) spills of objectionable substances as defined in section 4(11) of this rule.
- (4) Any spill for which a spill response has not been done.

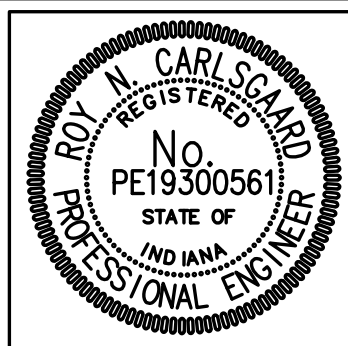
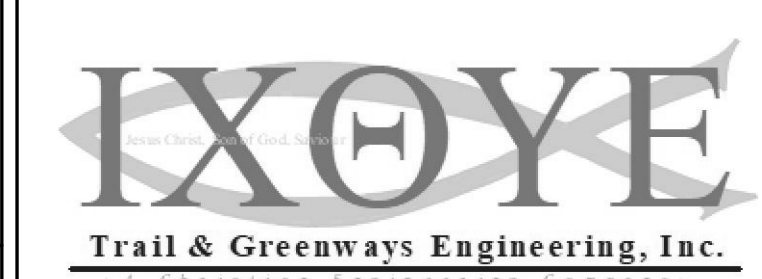
Each report of a spill must include all of the following information, to the extent that information is known at the time of the report:

- (A) The name, address, and telephone number of the person making the spill report.
- (B) The name, address, and telephone number of a contact person if different from clause (A).
- (C) The location of the spill.
- (D) The time of the spill.
- (E) The identification of the substance spilled.
- (F) The approximate quantity of the substance that has been or may further be spilled.
- (G) The duration of the spill.
- (H) The source of the spill.
- (I) Name and location of the waters damaged.
- (J) The identity of any response organization responding to the spill.
- (K) What measures have been or will be undertaken to perform a spill response.
- (L) Any other information that may be significant to the response action.

327 IAC 2-6.1-7 Reportable spills; responsibilities Authority: IC 13-14-8-7 Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Any person who operates, controls, or maintains any mode of transportation or facility from which a spill occurs shall, upon discovery of a reportable spill to the soil or surface waters of the state, do the following:

- (1) Contain the spill, if possible, to prevent additional spilled material from entering the waters of the state.
- (2) Undertake or cause others to undertake activities needed to accomplish a spill response.
- (3) As soon as possible, but within two (2) hours of discovery, communicate a spill report to the Department of Environmental Management, Office of Land Quality, Emergency Response Section: Area Code 1-888-233-7745 for in-state calls (toll free), (317) 233-7745 for out-of-state calls. If new or updated spill report information becomes known that indicates a significant increase in the likelihood of damage to the waters of the state, the responsible party shall notify the department as soon as possible but within two hours of the time the new or updated information becomes known.
- (4) Submit to the Indiana Department of Environmental Management, Office of Land Quality, Emergency Response Section (MC 66-30), 2525 N. Shadeland Ave., Suite 100, Indianapolis, IN 46219-1787, a written copy of the spill report if requested in writing by the department.
- (5) Except from modes of transportation other than pipelines, exercise due diligence and document attempts to notify the following:
 - (A) For spills to surface water that cause damage, the nearest affected downstream water user located within ten (10) miles of the spill and in the state of Indiana; and
 - (B) For spills to soil outside the facility boundary, the affected property owner or owners, operator or operators, or Indiana Administrative Code Page 120 WATER QUALITY STANDARDS occupant or occupants.



RECOMMENDED FOR APPROVAL	4/1/19
DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC
CHECKED: ADM	CHECKED: ADM

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
PLAN INDEX

HORIZONTAL SCALE	ROAD FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	29 of 60
CONTRACT	PROJECT
R-38008	1401684



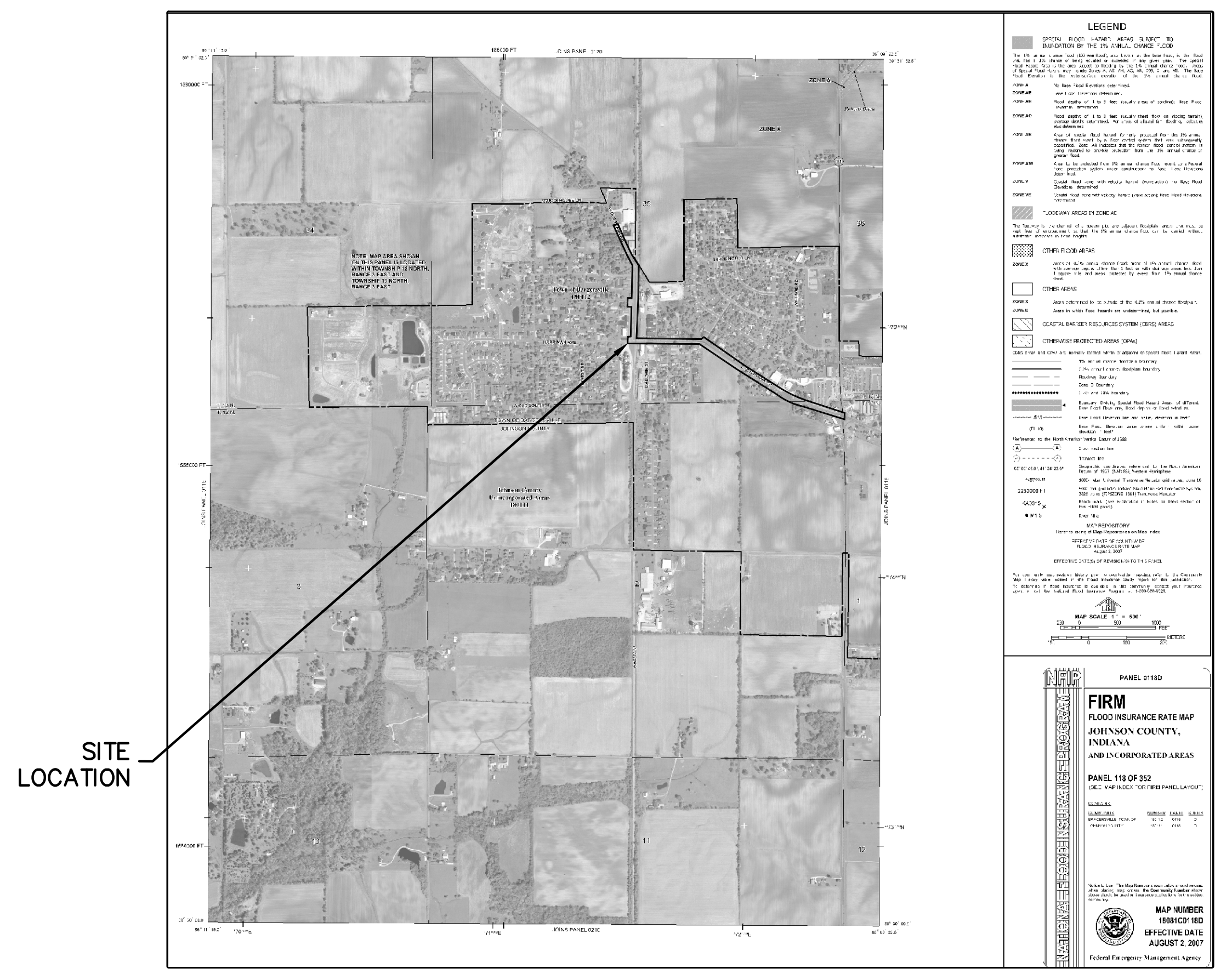
**JOHNSON COUNTY SOIL SURVEY
SITE INFORMATION**

Map Unit Legend

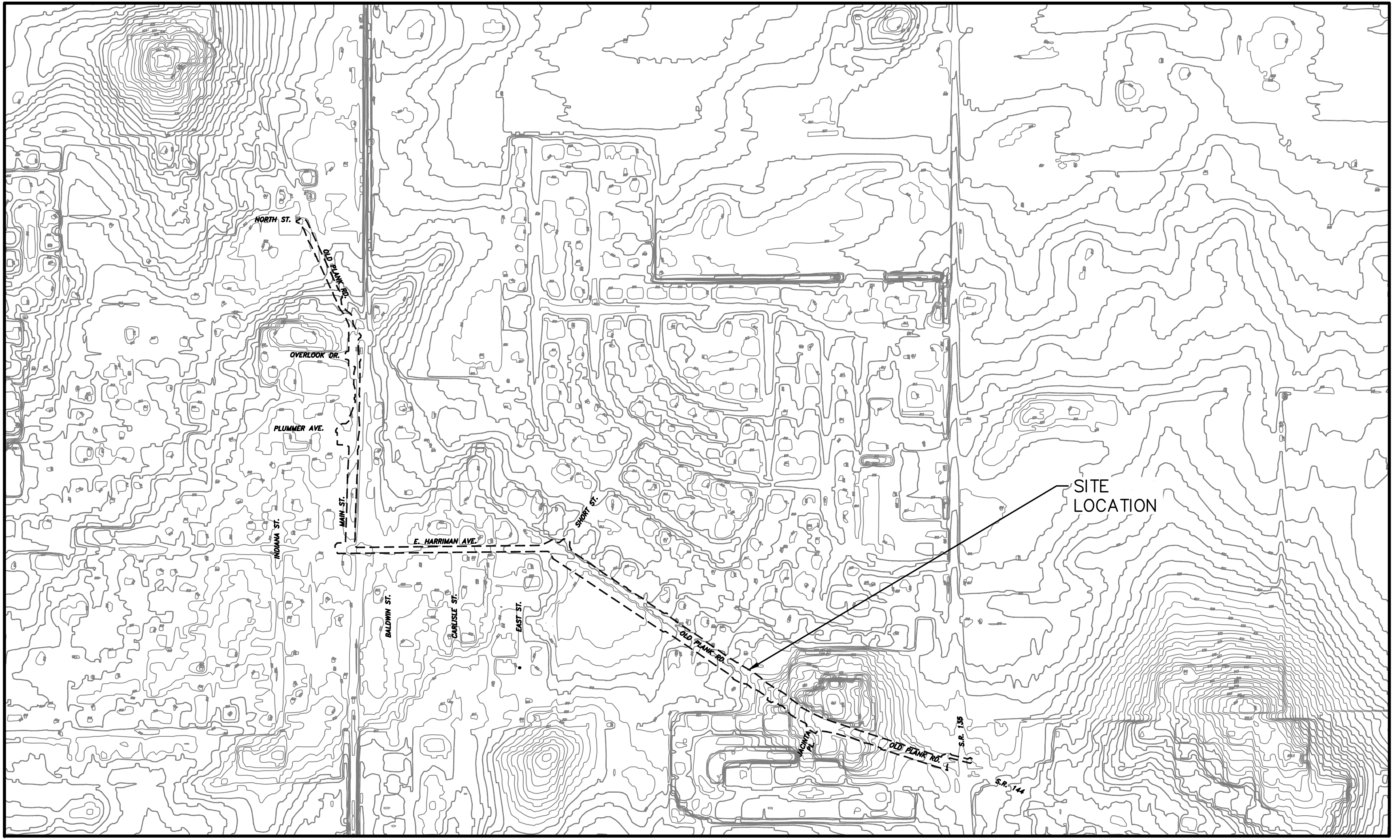
Johnson County, Indiana (N081)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Br	Brookston silty clay loam, 0 to 2 percent slopes	B/D	2.7	39.2%
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	C/D	3.5	52.2%
MnB2	Miami silt loam, 2 to 6 percent slopes, eroded	C	0.6	8.6%
Totals for Area of Interest			6.8	100.0%

**JOHNSON COUNTY SOIL SURVEY
MAP UNIT INFORMATION**

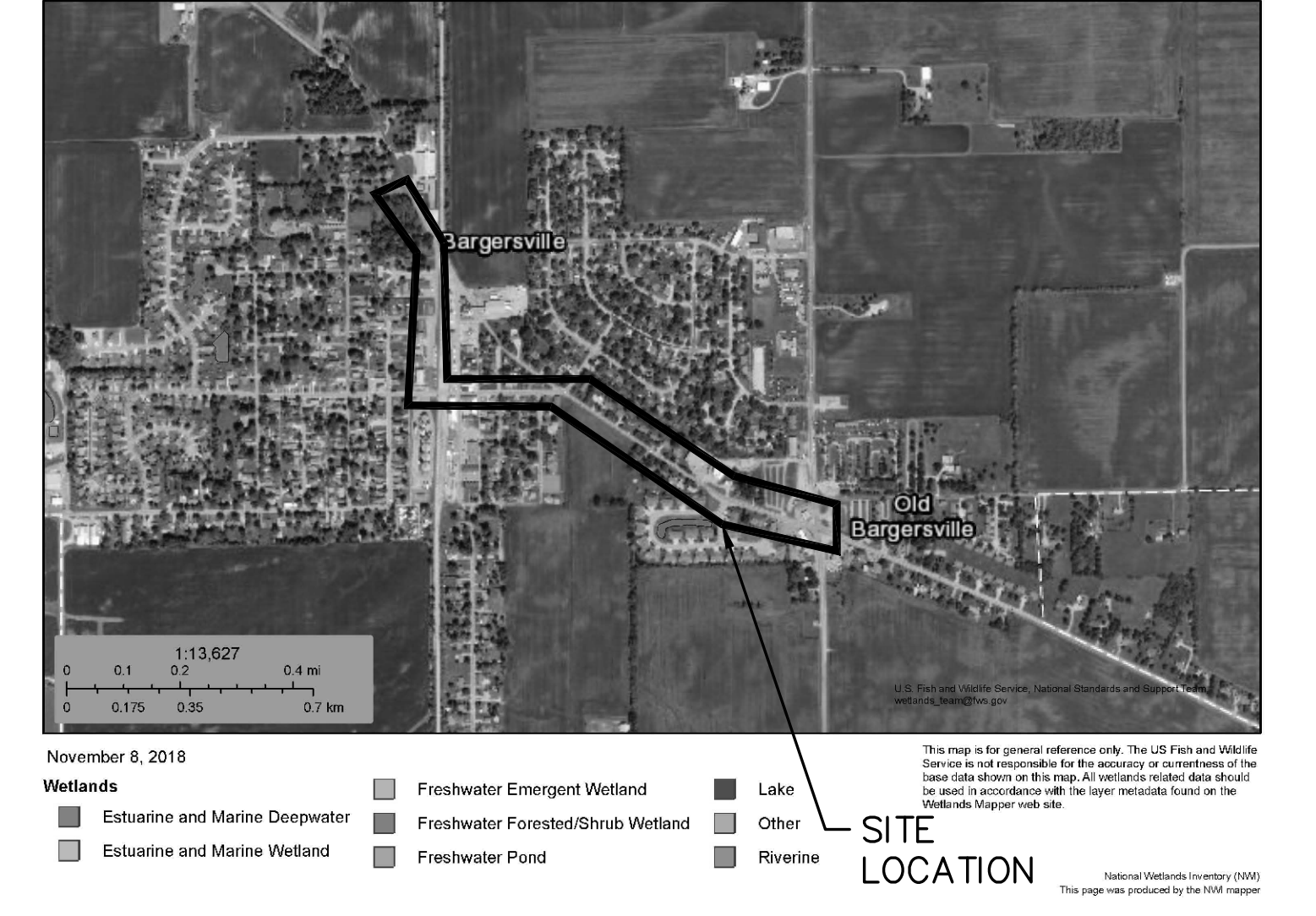


**FEMA FLOOD INSURANCE
MAP DATA**



ADJACENT AREA TOPOGRAPHY
SCALE = 1:350

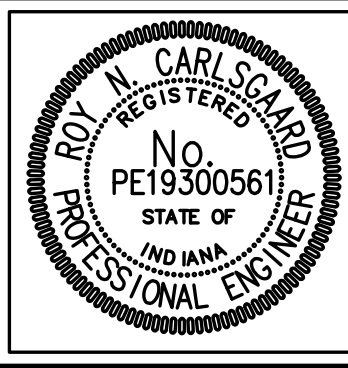
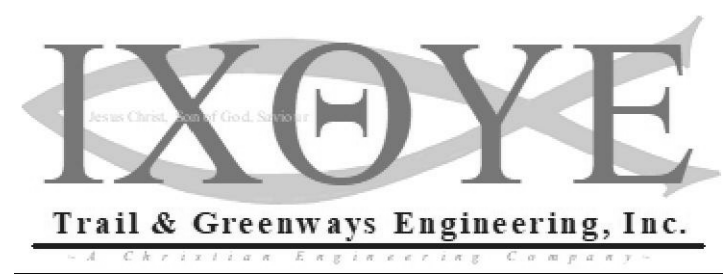
**U.S. Fish and Wildlife Service
National Wetlands Inventory** OLD PLANK ROAD DES. NO. 1401684



WETLAND MAP DATA

- CONSTRUCTION DETAIL & SPECIFICATIONS:**
1. THE LATEST VERSIONS OF THE INDOT STANDARD DRAWINGS SHALL BE UTILIZED FOR EROSION CONTROL MEASURE DETAILS, INCLUDING:
E-205-TECI-01, INLET PROTECTION GRAVEL RING
E-205-TECI-02, INLET PROTECTION GEOTEXTILE BOX
E-205-TECI-03, INLET PROTECTION SLOTTED BARREL
E-205-TECI-04, INLET BAG PROTECTION
E-205-TECP-01, CONSTRUCTION ENTRANCE
E-205-TECP-02, SILT FENCE
 2. THE LATEST VERSION OF THE INDOT STANDARD SPECIFICATIONS SHALL BE UTILIZED FOR EROSION CONTROL MEASURE CONSTRUCTION AND MATERIAL SPECIFICATION.

Date: Mar 10, 2019, 11:56am User: RNC
 File: C:\I0-PROJECTS\1401684-OLD PLANK RD\DWG\130-Erosion Control Plan Info.dwg

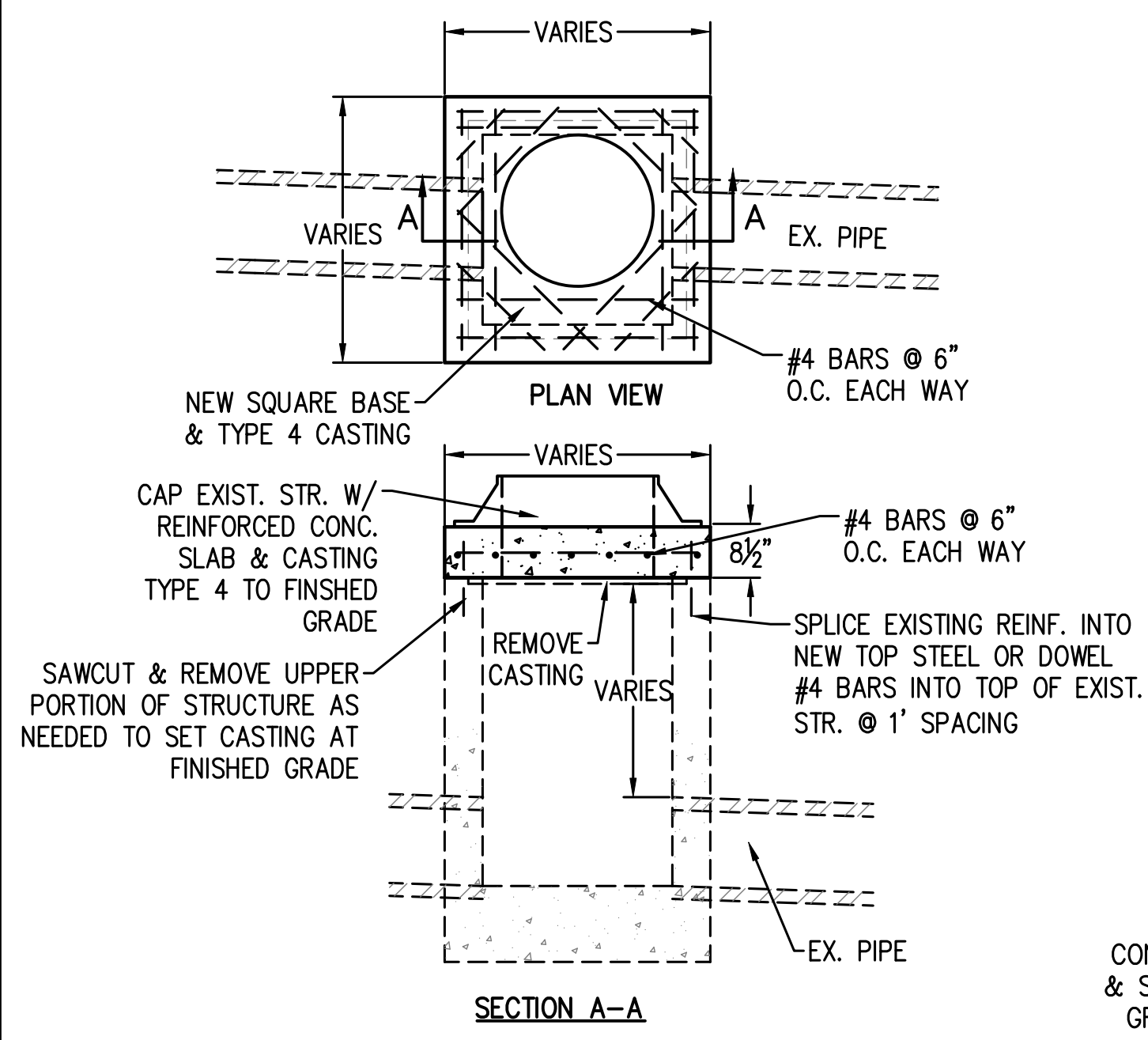


RECOMMENDED FOR APPROVAL	<i>Roy Carlsson</i>	4/1/19
DESIGNED:	RNC	DATE
DRAWN:	RNC	
CHECKED:	ADM	
	CHECKED:	ADM

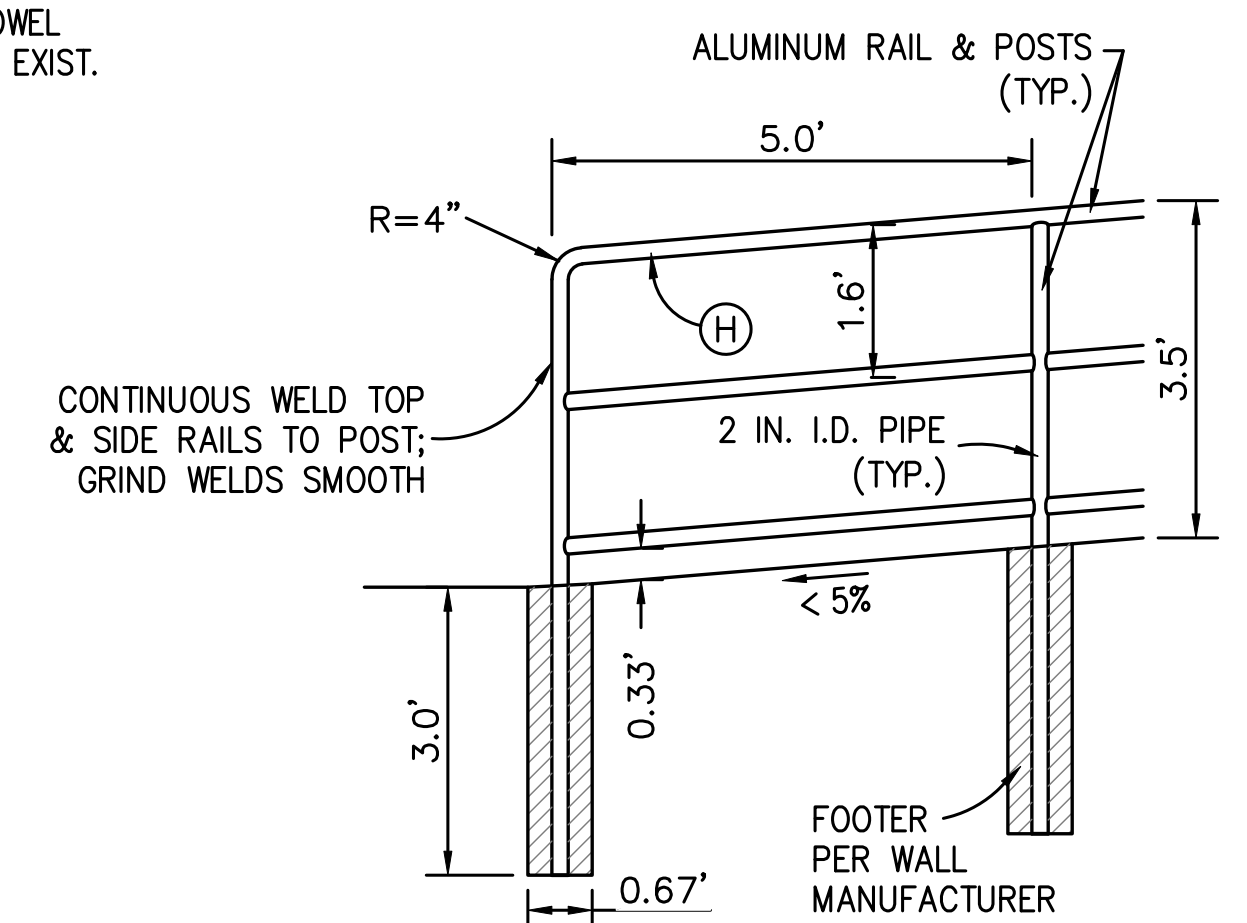
INDIANA DEPARTMENT OF TRANSPORTATION	
EROSION & SEDIMENT CONTROL INFORMATION	

HORIZONTAL SCALE	ROAD FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	30 of 60
CONTRACT	PROJECT
R-38008	1401684

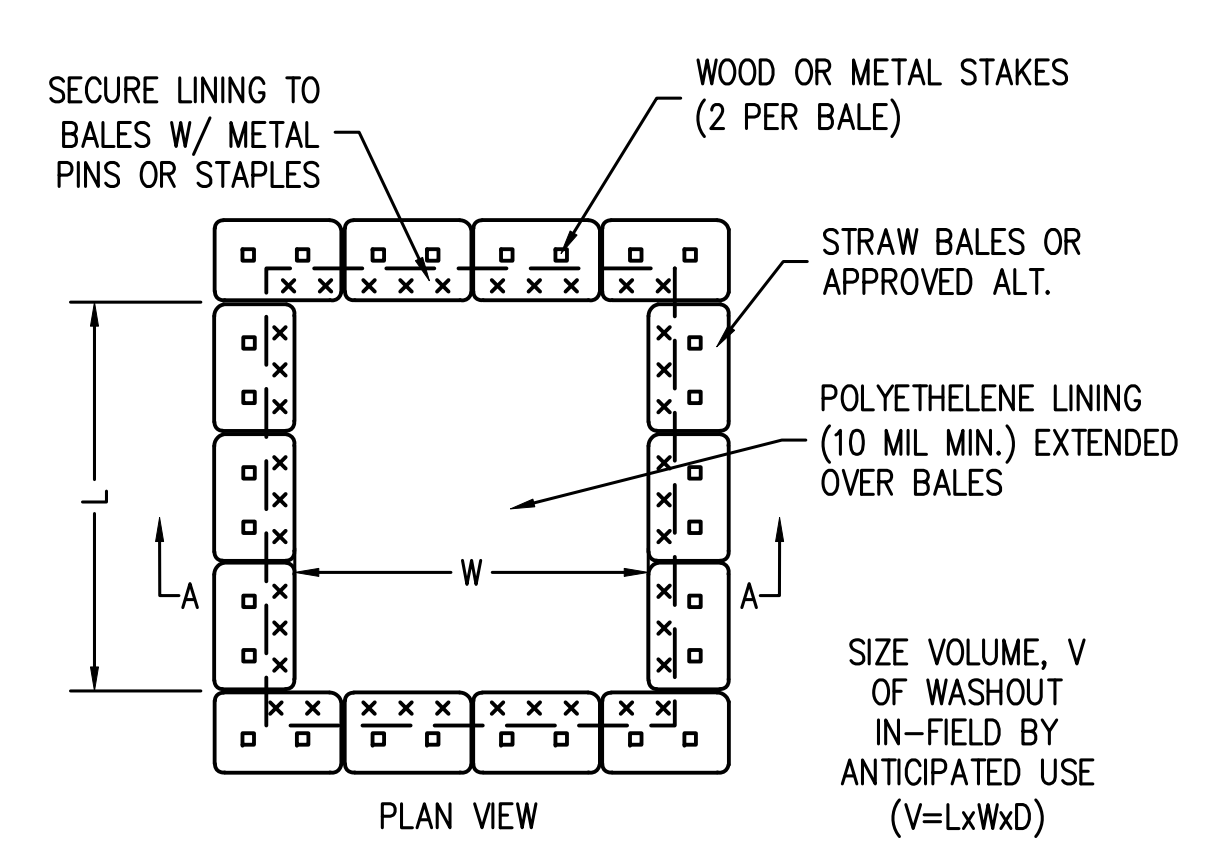
MISCELLANEOUS QUANTITIES SUMMARY TABLE



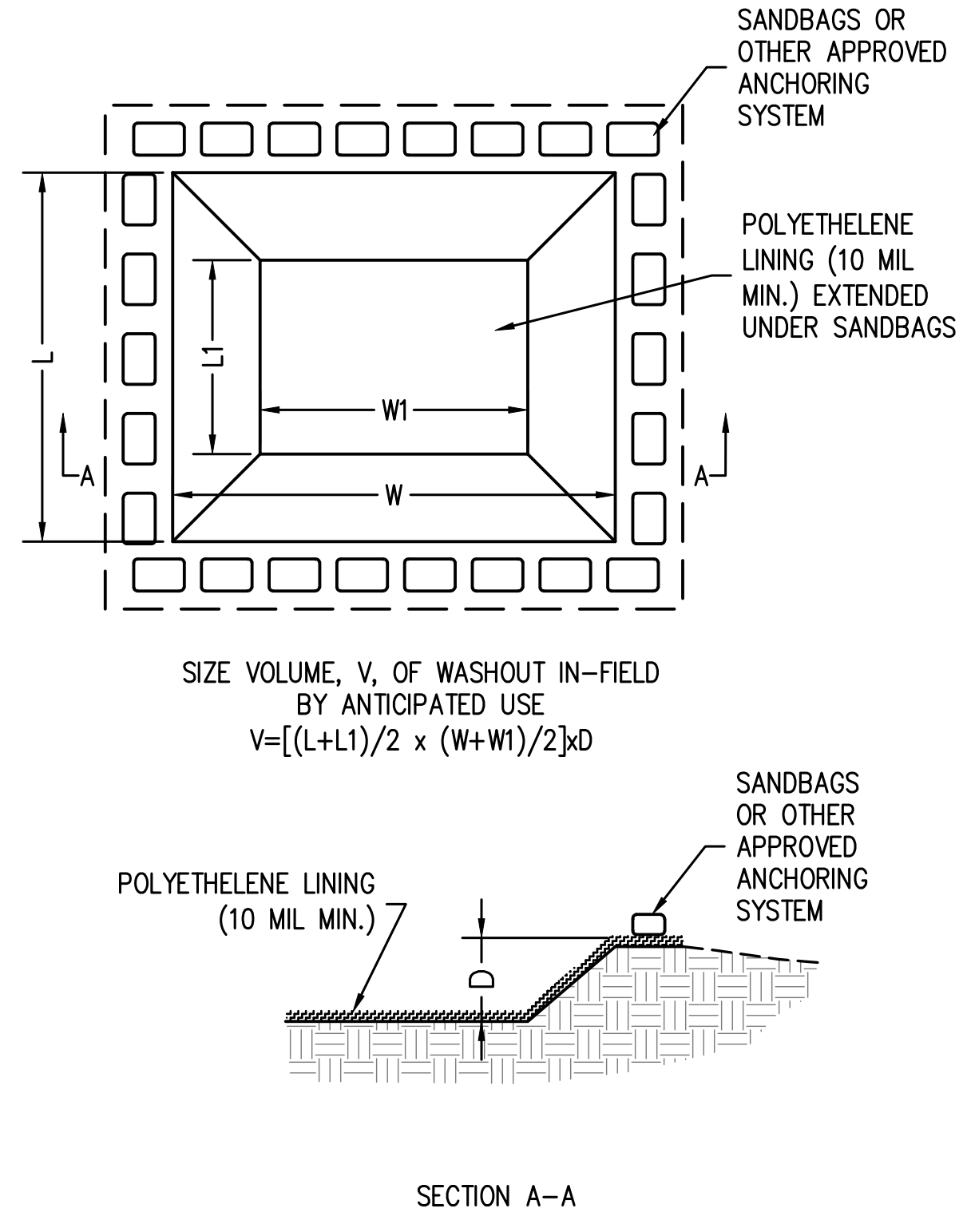
5 INLET CAPPING DETAIL
SCALE: 1" = 2.0'



4 PEDESTRIAN HAND RAIL DETAIL
SCALE: 1" = 2.0'
(RAILING FOR NON-RAMP SAFETY PURPOSES WITH LESS THAN 30 IN. ADJACENT DROP-OFF)



3 CONCRETE WASHOUT DETAILS
NOT TO SCALE



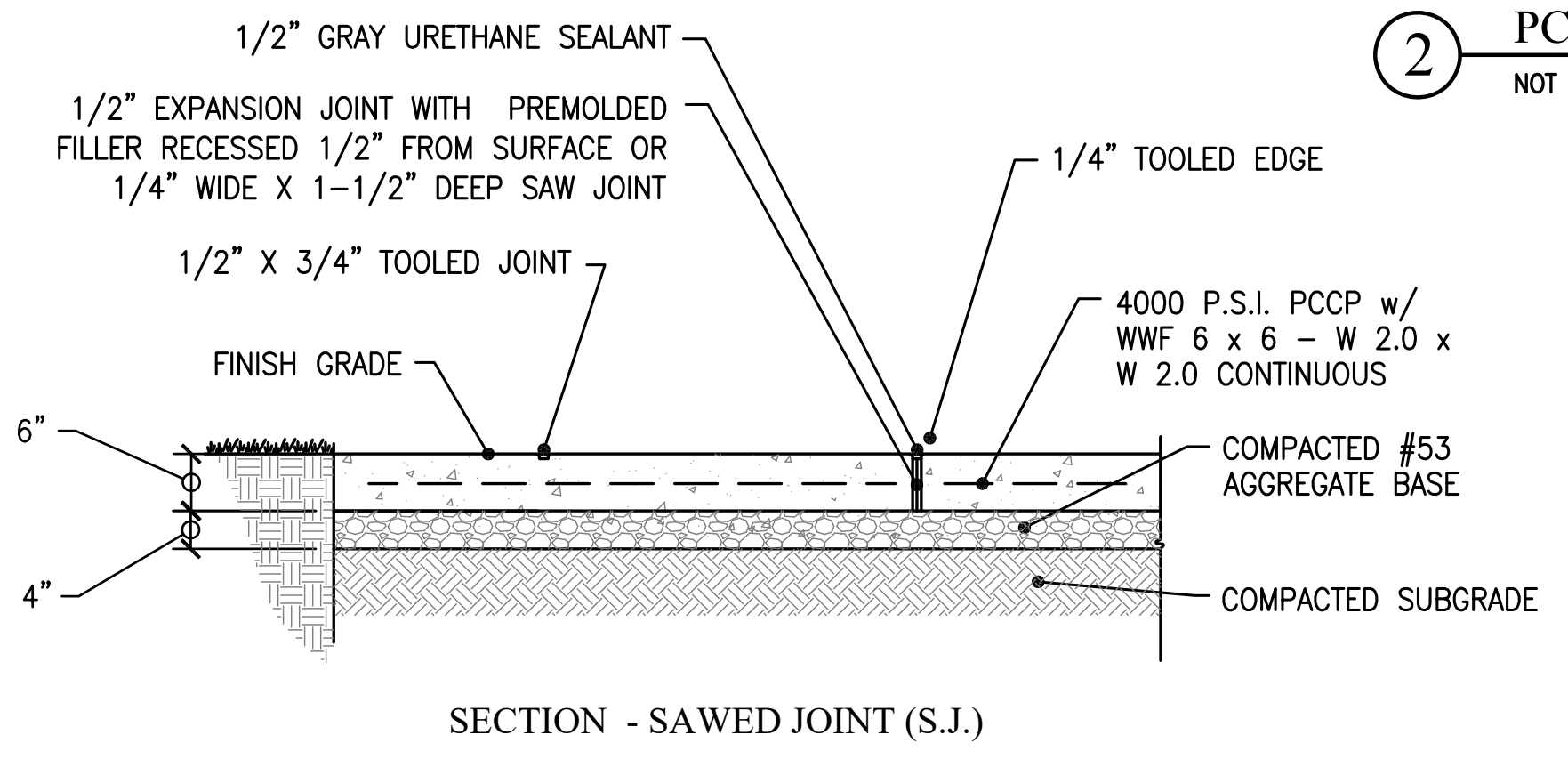
EARTHWORK BALANCE	
ITEM	VOLUME (CYS)
FILL (+15%)	2379
COMMON EXCAVATION	719
WET EXCAVATION	0
BORROW	2164
REG. MAT'L, REMOVE, TYPE Y	-
BENCHING (INCLUDED)	0

TEMPORARY SILT FENCE* TABLE				
Start Station	End Station	LT/RT	L.F.	
Line "PR-B"				
Start of Line "PR-B"	30+00	LT	78	
Start of Line "PR-B"	29+34	RT	51	
30+22	32+24	LT	217	
32+02	32+81	LT	34	
32+99	34+30	LT	132	
34+49	34+90	LT	41	
35+07	35+87	LT	87	
35+88	37+26	RT	141	
36+05	37+36	LT	131	
37+50	38+00	RT	50	
37+55	37+86	LT	32	
38+04	39+32	LT	128	
38+08	38+98	RT	91	
39+19	39+79	RT	60	
39+51	41+22	LT	176	
40+55	41+58	RT	112	
41+78	43+53	RT	188	
44+19	45+31	RT	118	
47+26	47+49	RT	23	
Line "PR-D"				
70+60	74+30	RT	373	
TOTAL =			2,262	

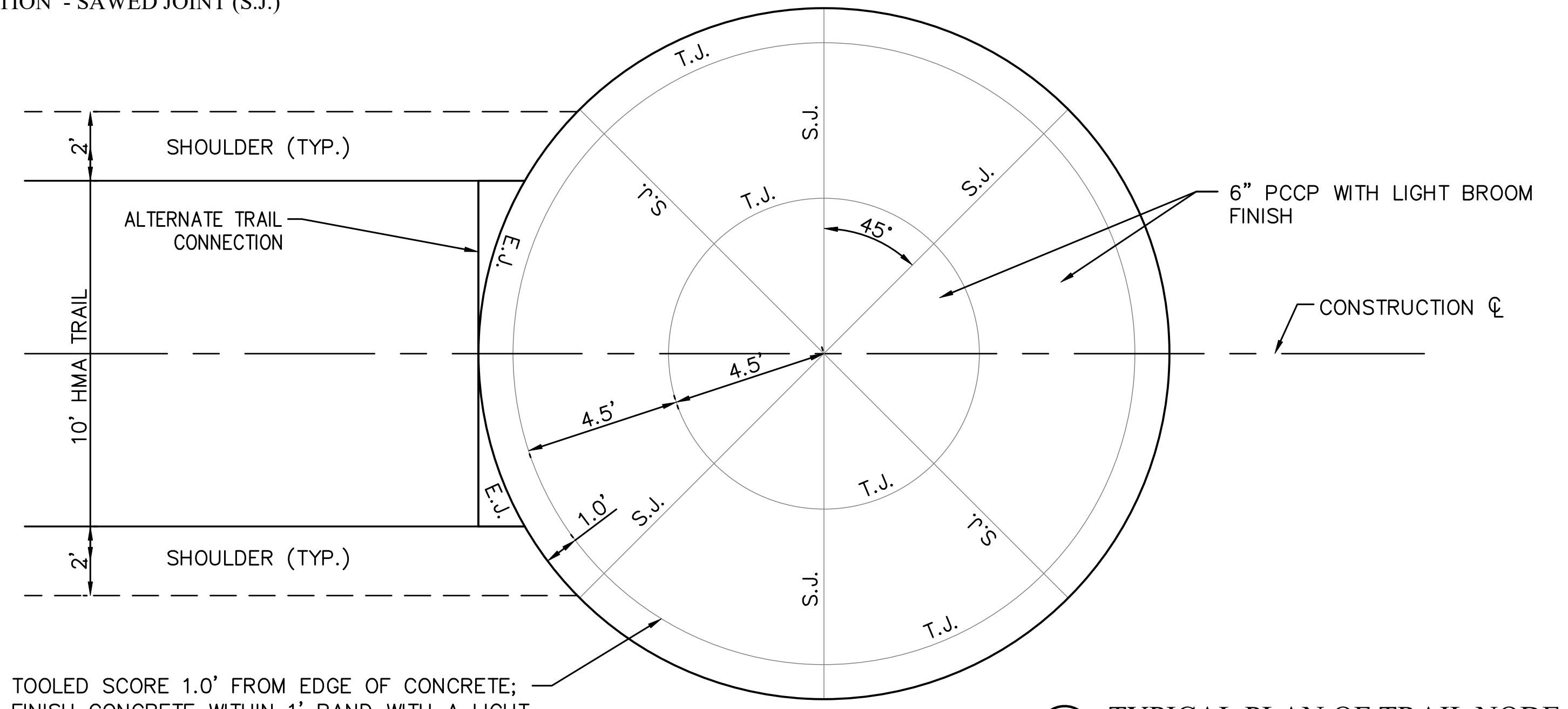
*COIR LOGS MAY BE SUBSTITUTED FOR SILT FENCE

MAILBOX TABLE		
Station	LT/RT	EACH
Line "PR-B"		
32+91.8	RT	1
34+19.4	RT	1
34+87	LT	1
35+91.3	RT	1
37+23	RT	1
37+28.9	LT	1
37+89	RT	1
37+90.3	RT	1
38+78.8	RT	1
39+74.6	RT	1
39+76	RT	1
40+29.5	RT	1
41+30.1	RT	1
41+31.5	RT	1
44+39.1	RT	1
44+41.9	RT	1
47+39.7	RT	1
47+41.6	RT	1
47+43.8	RT	1
47+45.7	RT	1
Line "PR-C-1"		
99+54.4	RT	1
TOTAL =		21

CURB RAMP TABLE			
Station	LT/RT	Curb Ramp (SYS)	Detectable Warning Surface (SYS)
Line "PR-B"			
Short Street	LT	5	2
30+51.29	RT	13	1
30+57.12	LT	8	3
43+61.80	RT	18	4
44+21.26	RT	17	3
50+02.49	RT	9	3
50+00.00	LT	14	3
East of SR 135	LT	13	2
Line "PR-C"			
90+14.12	LT	5	1
90+18.96	Center	15	2
95+21.09	LT	5	1
95+71.09	LT	16	3
95+76.67	Center	13	1
98+35.27	Center	9	1
98+35.27	LT	10	1
98+52.55	LT	6	1
98+96.89	LT	6	1
TOTAL =		183	35

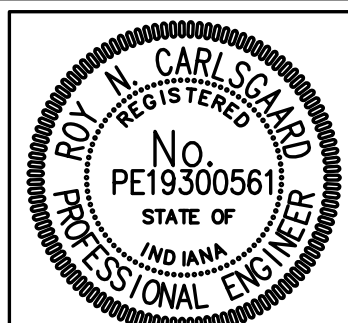
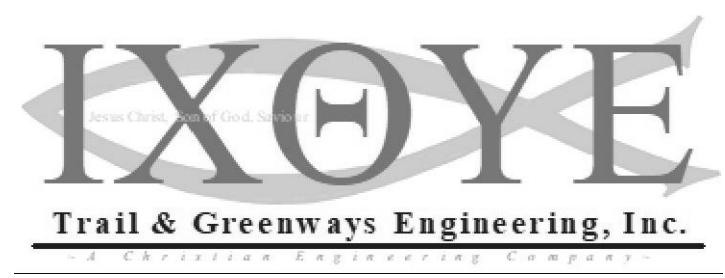


2 PCCP TRAIL NODES
NOT TO SCALE



1 TYPICAL PLAN OF TRAIL NODE
SCALE: 1" = 3.0'

Date: Mar 20, 2019, 11:06am User: jk...
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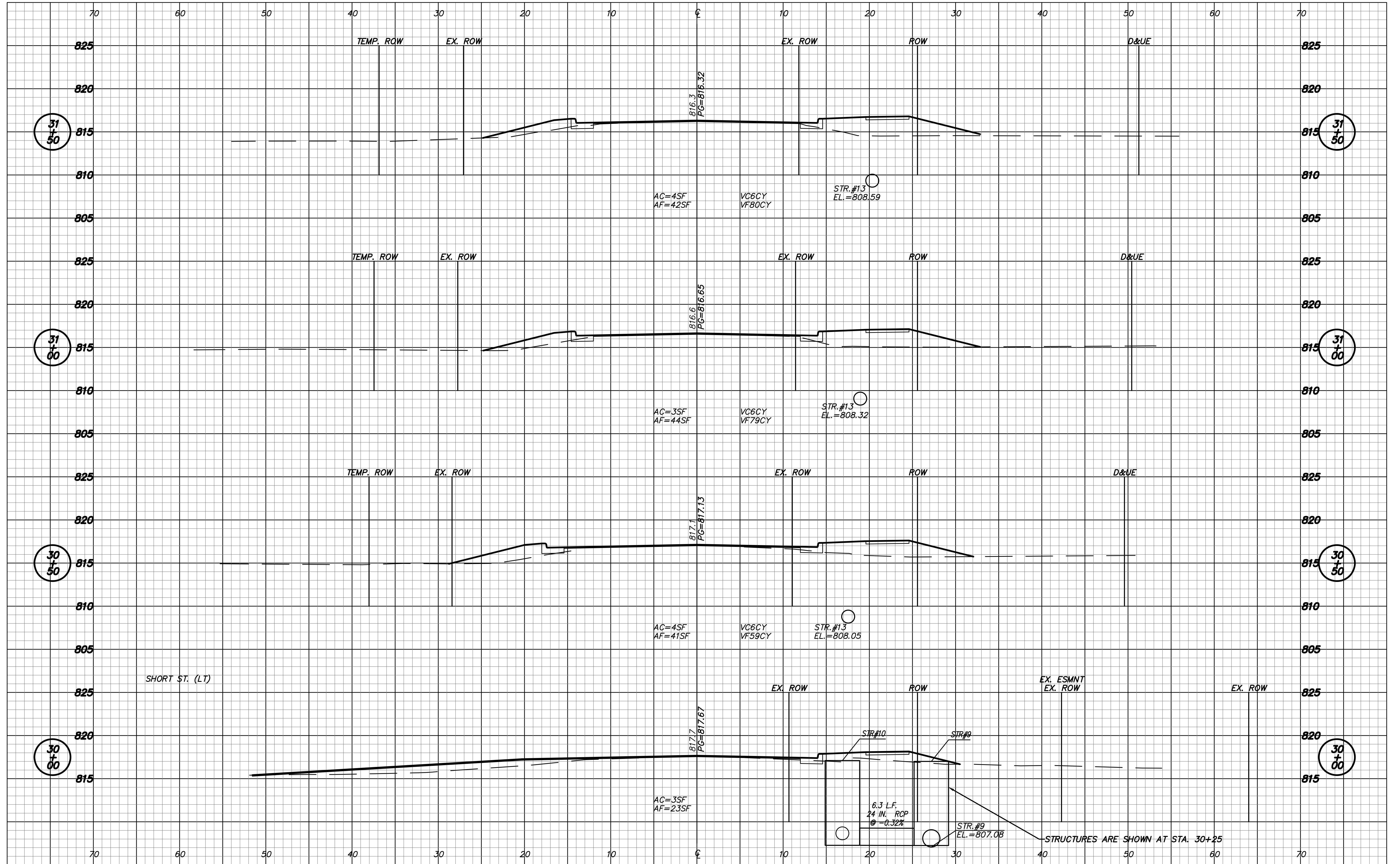
RECOMMENDED FOR APPROVAL	<i>Roy Carlsson</i>	4/1/19
DESIGNED:	RNC	DATE
DRAWN:	RNC	
CHECKED:	ADM	
	CHECKED:	ADM

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES
& DETAILS

HORIZONTAL SCALE	ROAD FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	33 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Mar 30, 2019, 11:26am User: Id: rvy
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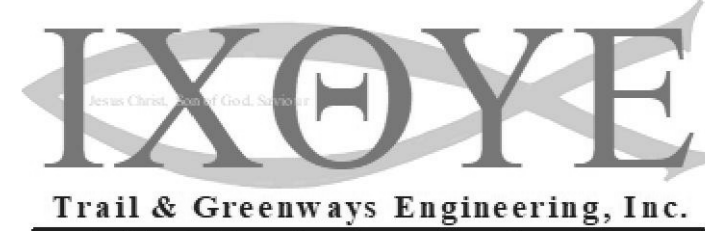
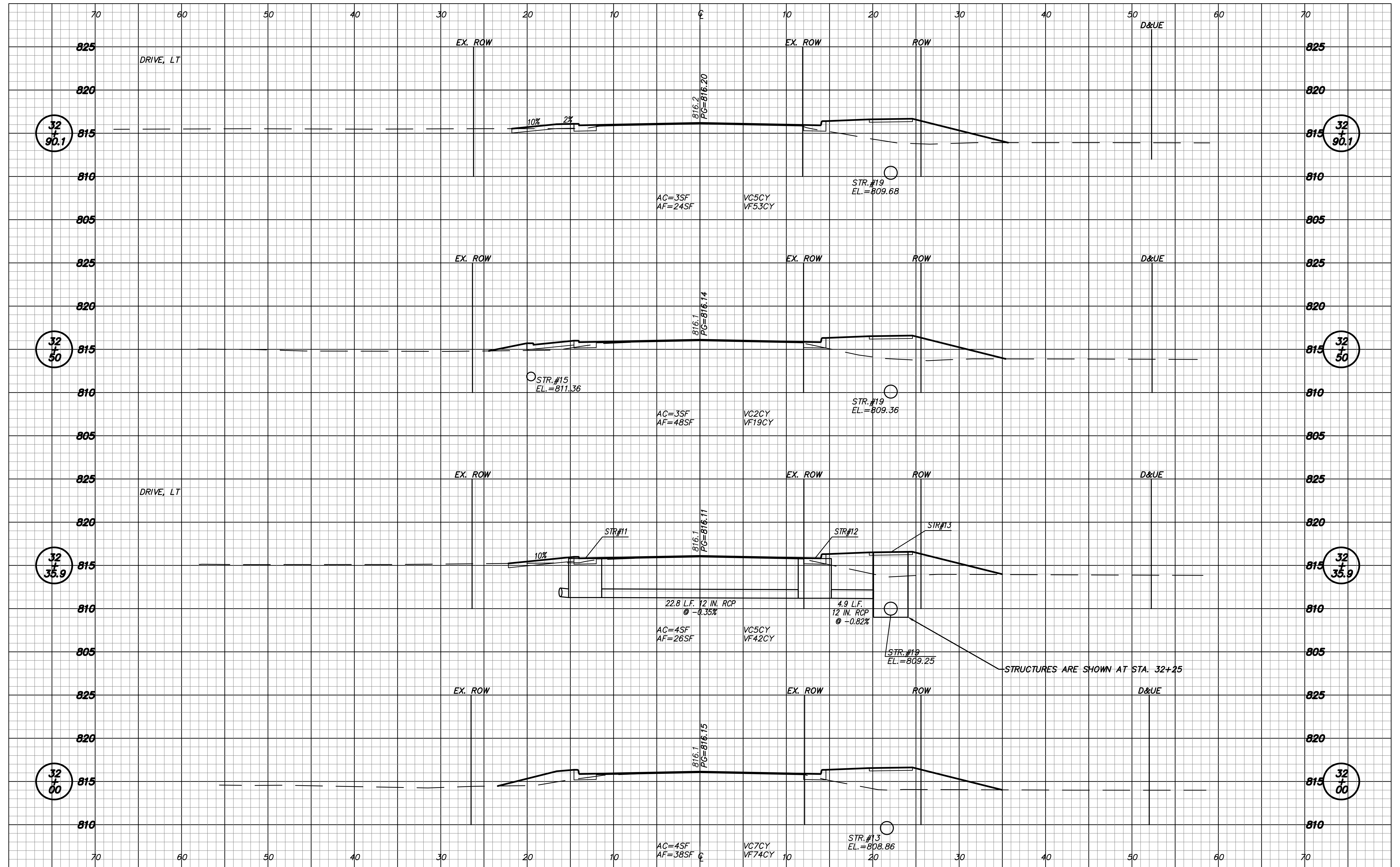


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	34 of 60
CONTRACT R-38008	PROJECT 1401684

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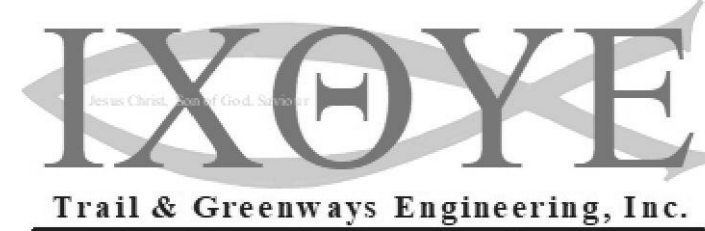
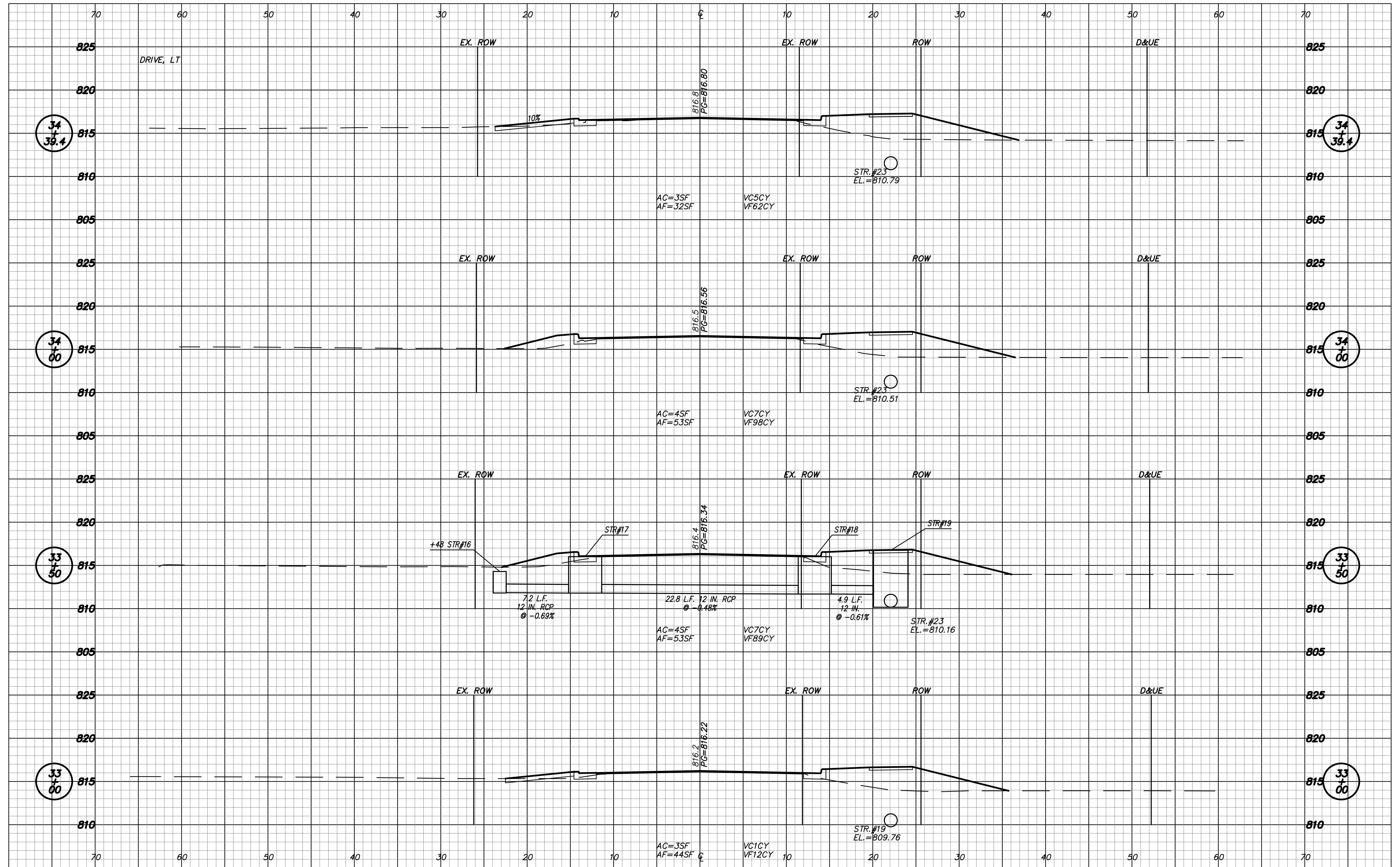
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 35 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:26am User: Id: rvy
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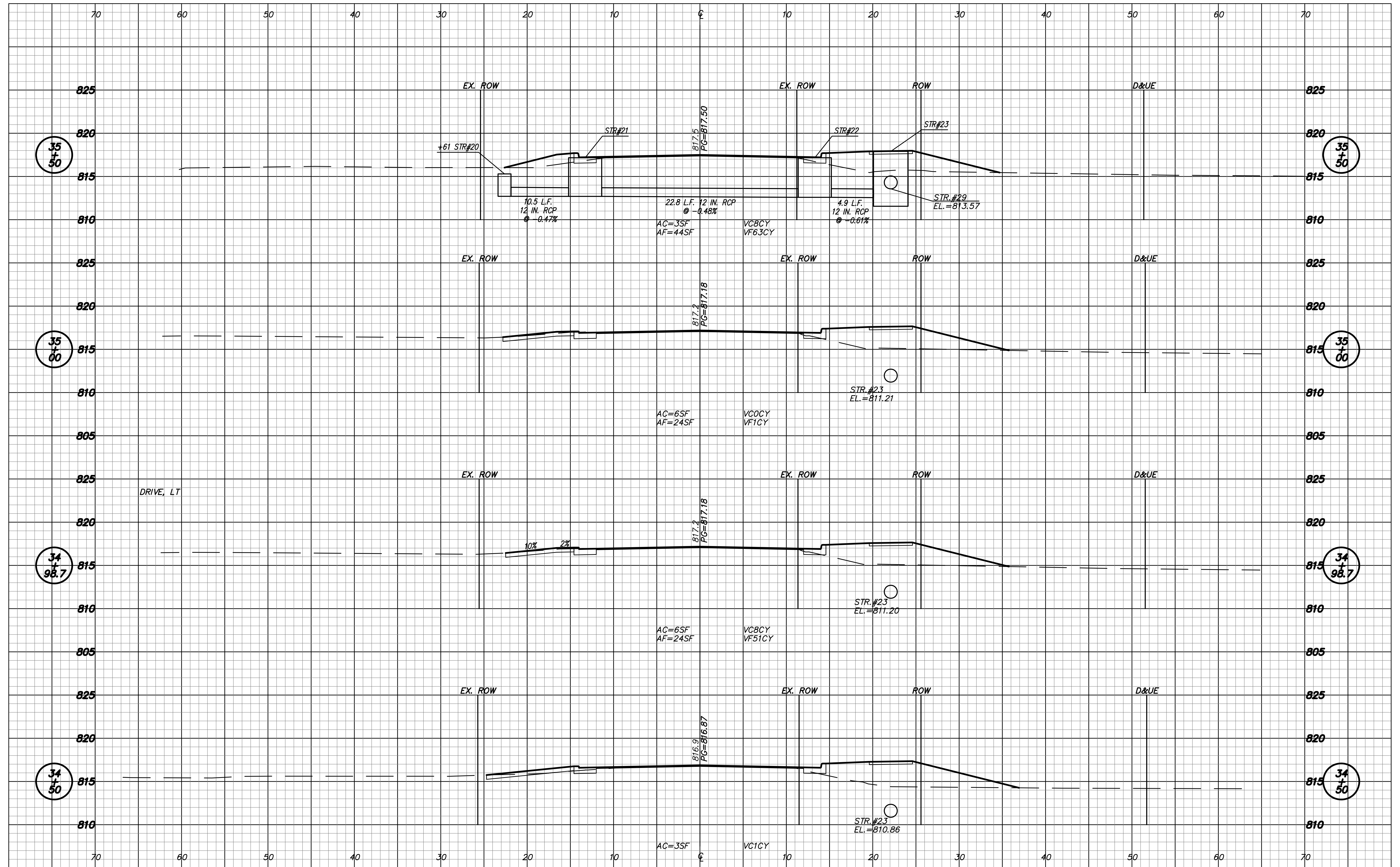


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	36 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:26am User: Id: roy
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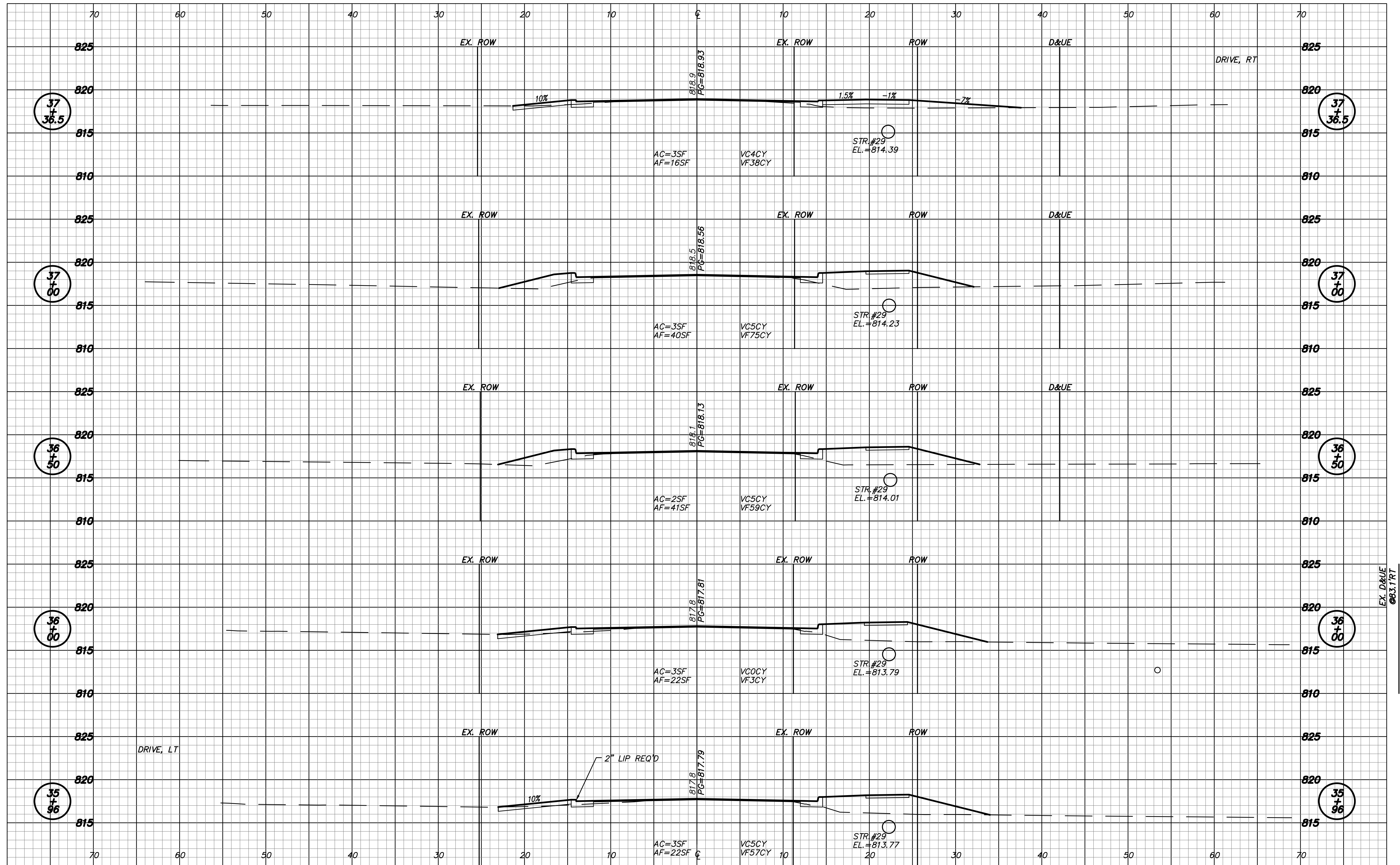


RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 37 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:26am User: Id: rvy
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EX. D&UE
 @83.1 RT

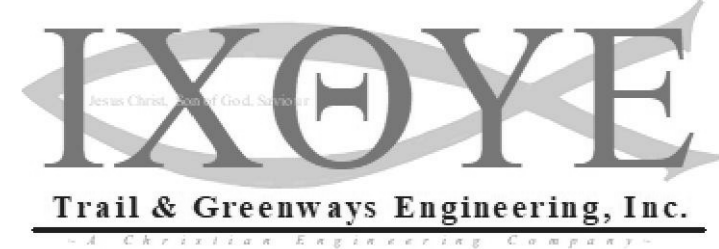
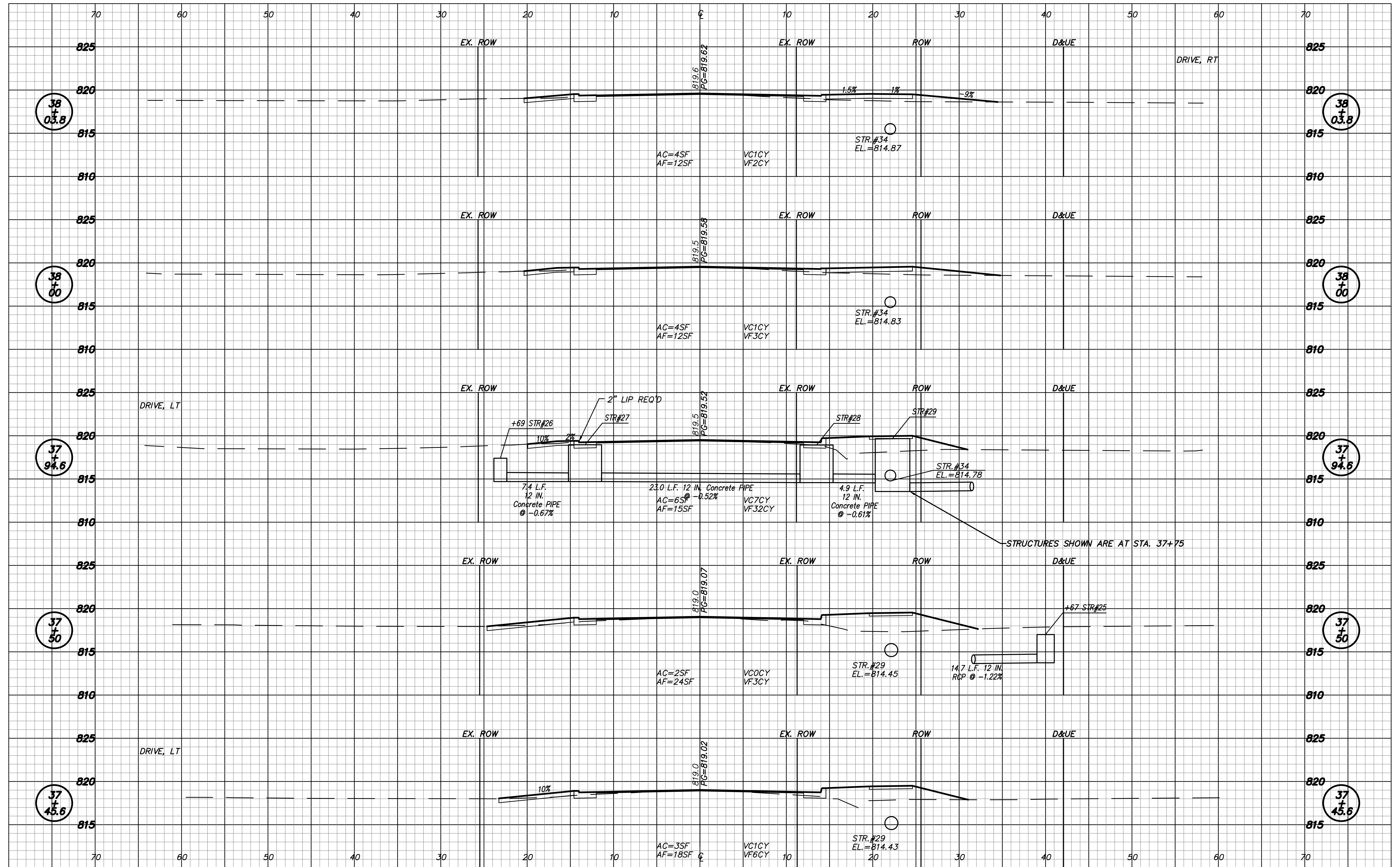


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	38 of 60
CONTRACT R-38008	PROJECT 1401684

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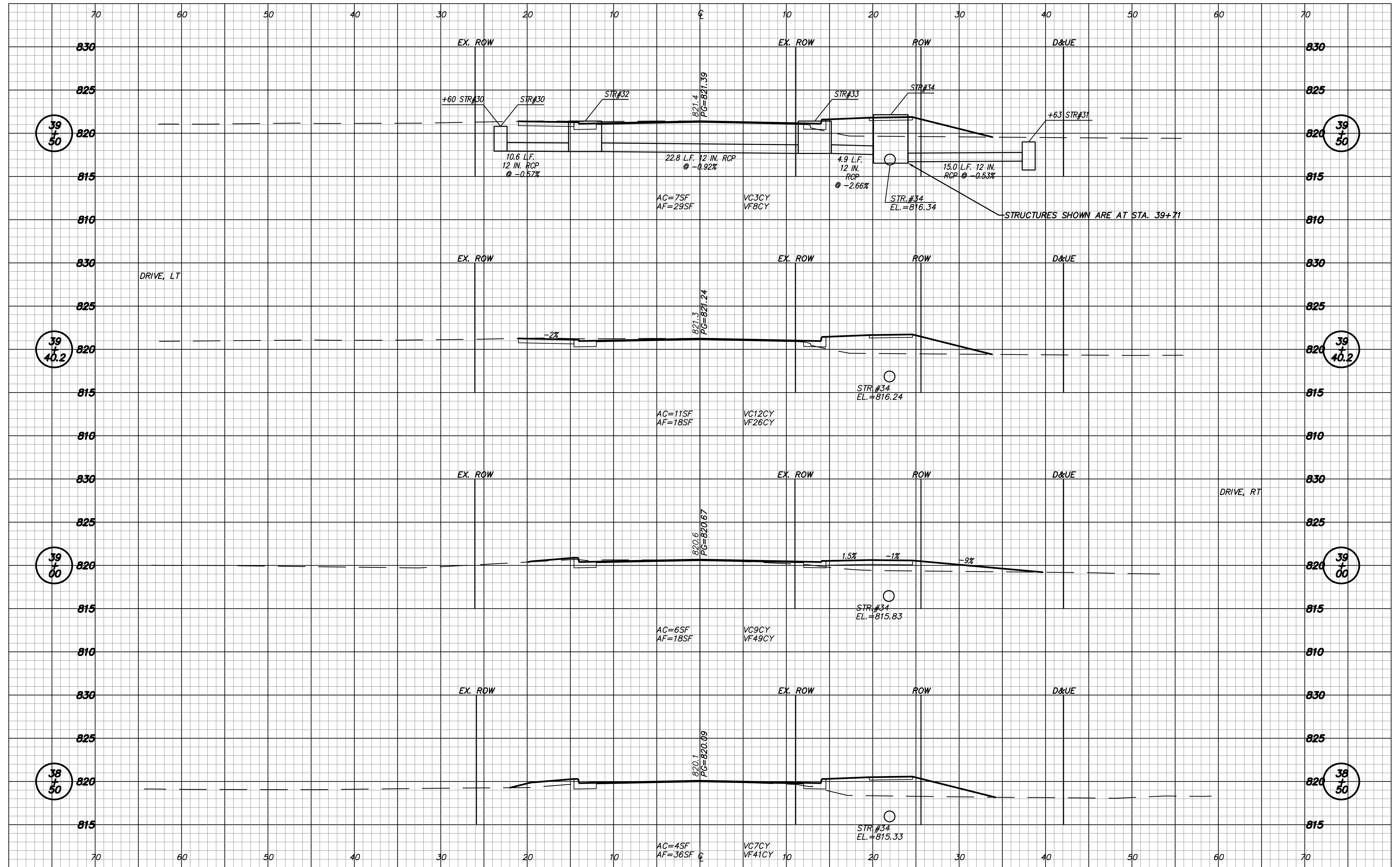
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DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 39 of 60
CONTRACT R-39008	PROJECT 1401684

Date: Mar 30, 2019, 11:26am User: Id: roy
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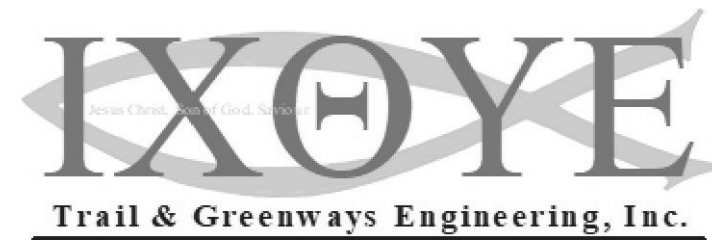
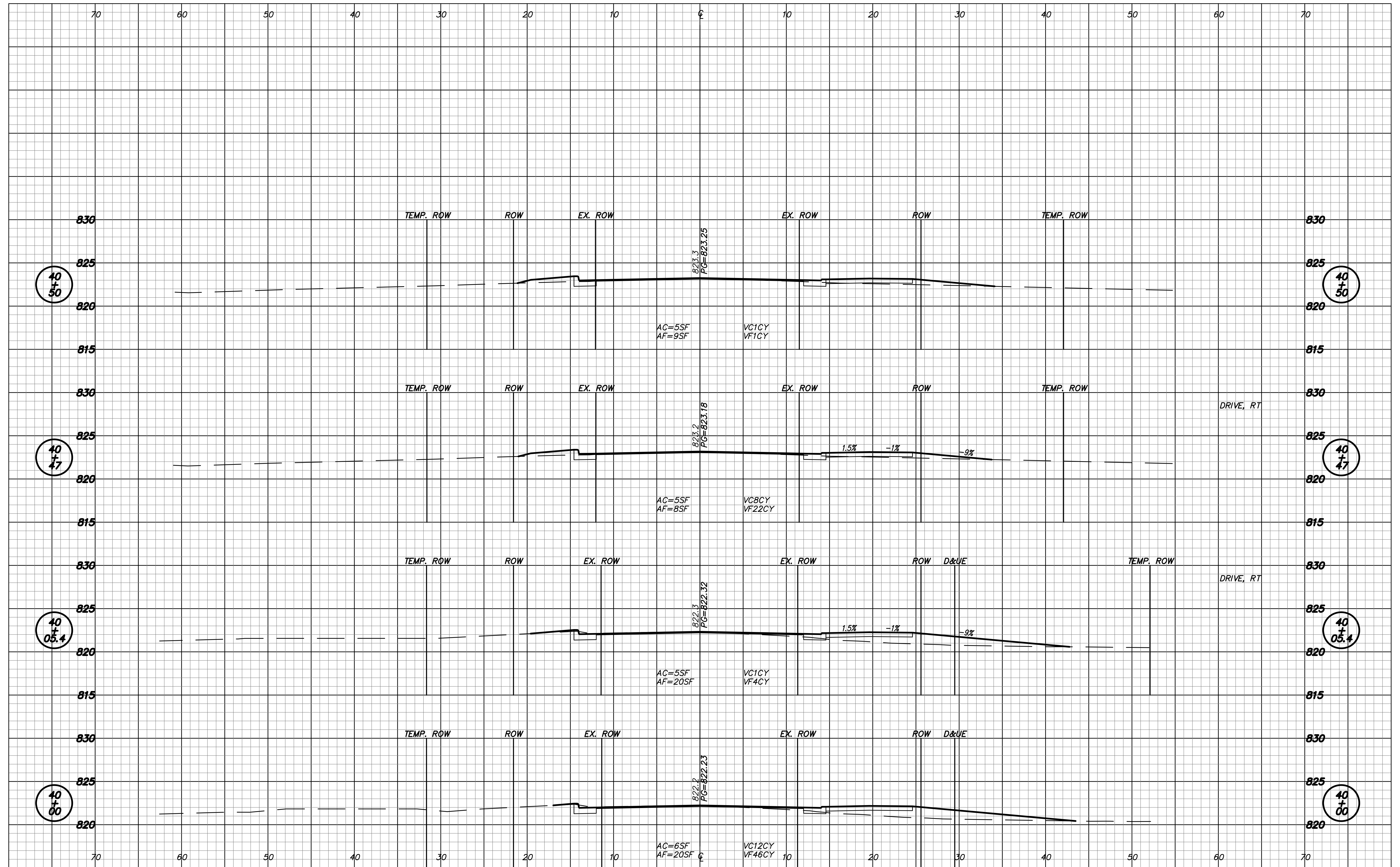


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 40 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:26am User: ID: rvy
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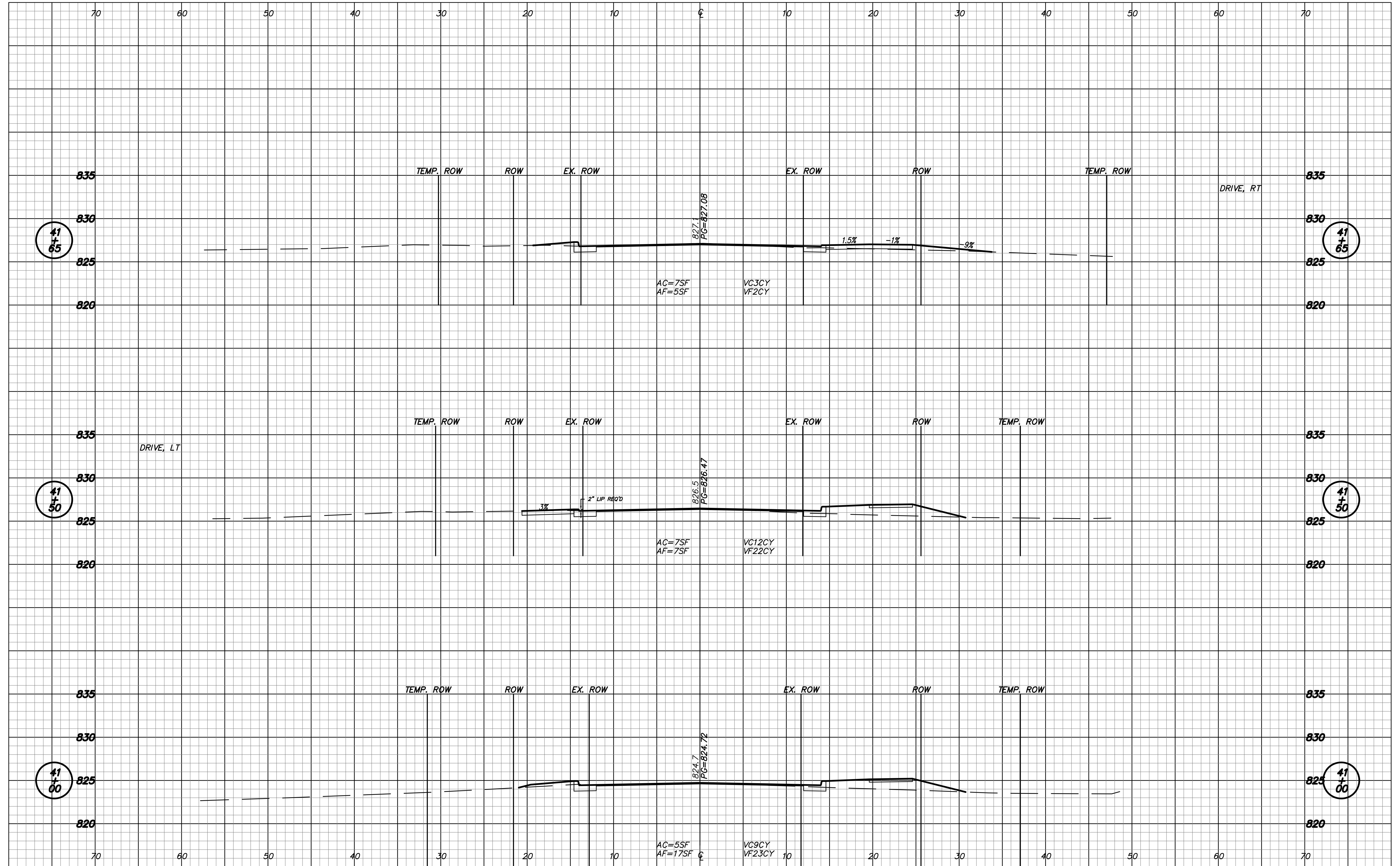
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DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 41 of 60
CONTRACT R-38008	PROJECT 1401684

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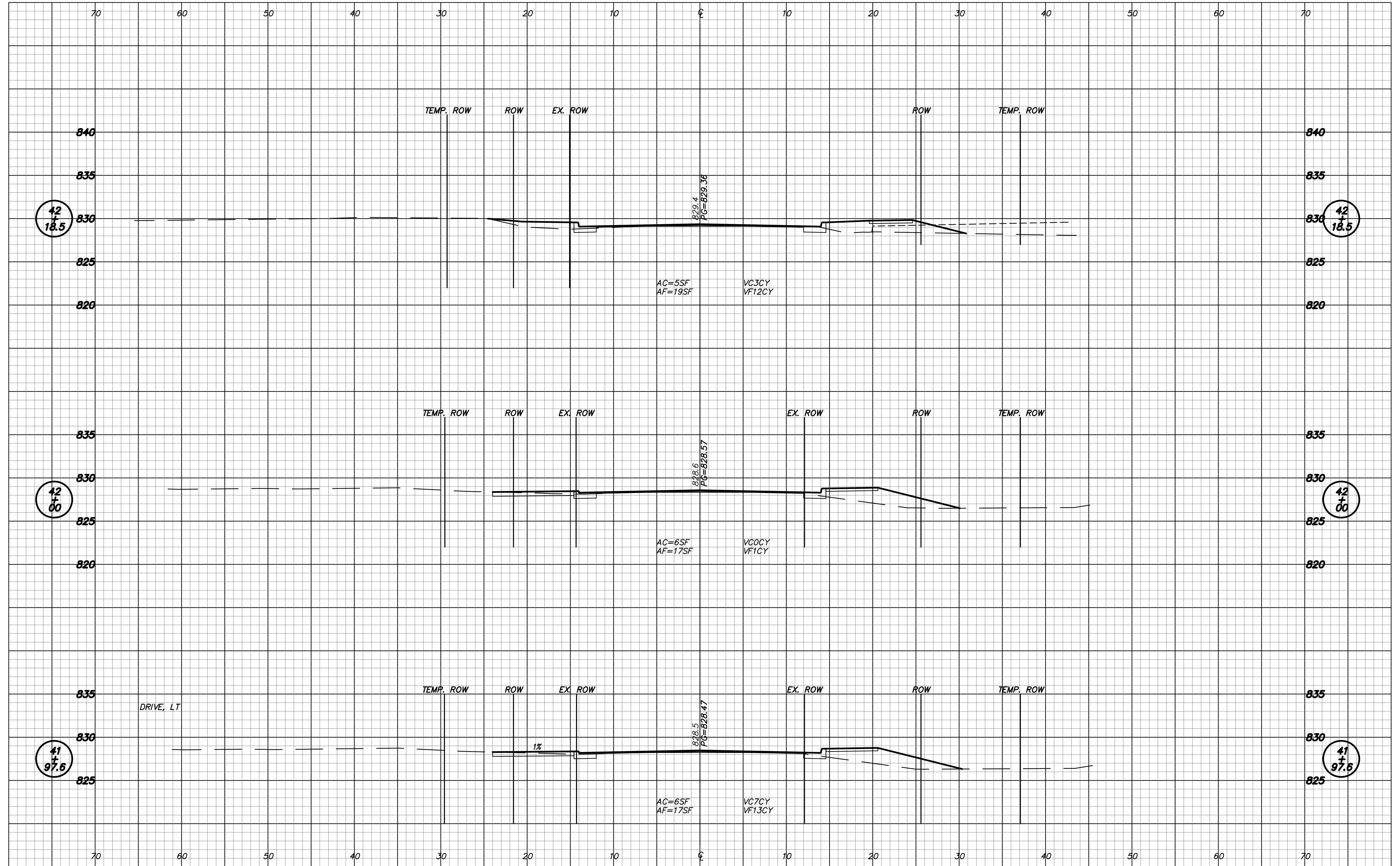
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 42 of 60
CONTRACT R-38008	PROJECT 1401684

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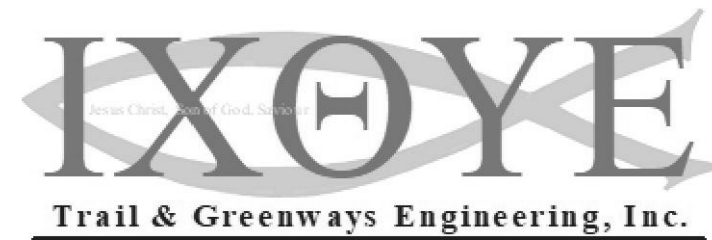
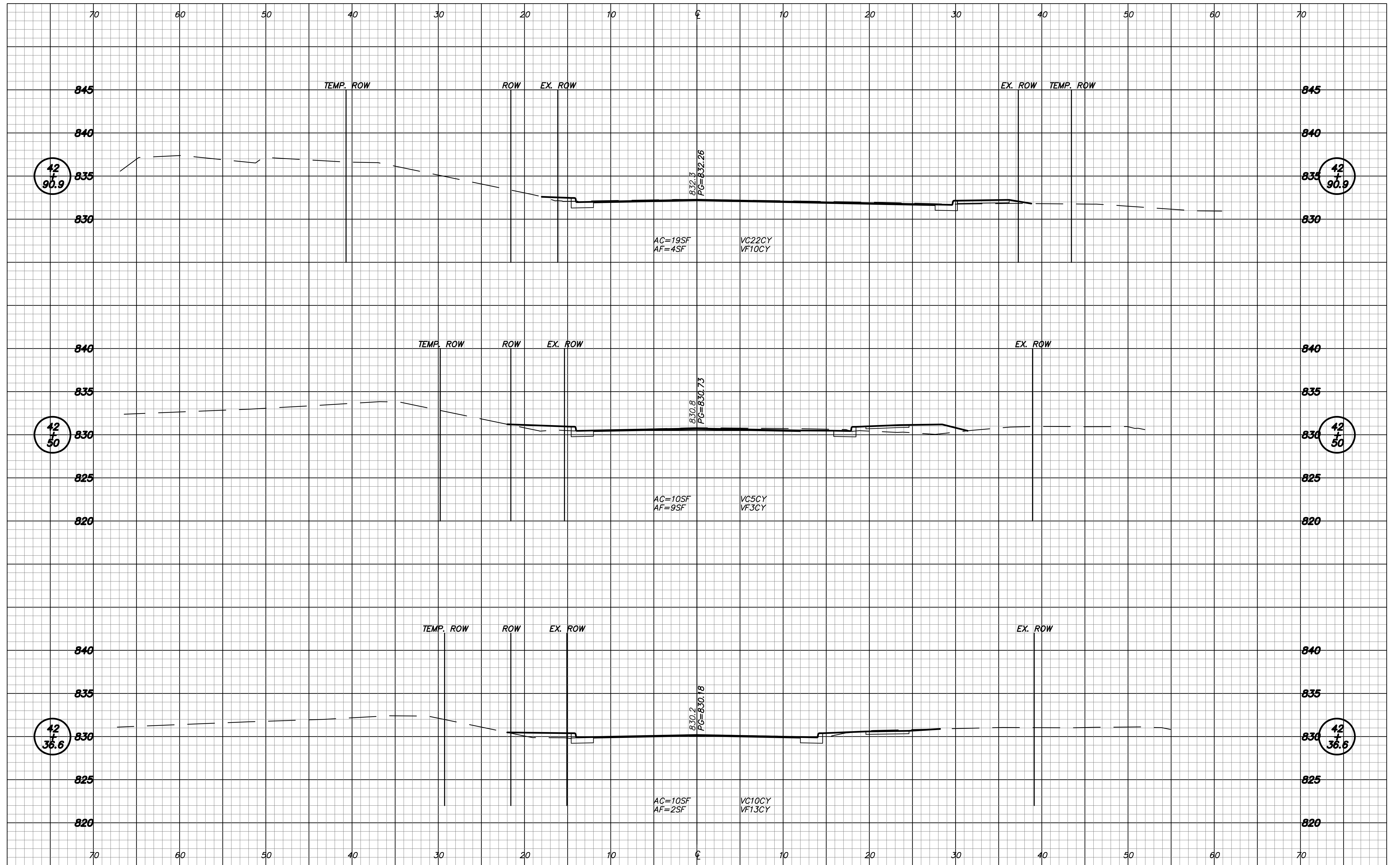


RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 43 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: Id: rvy
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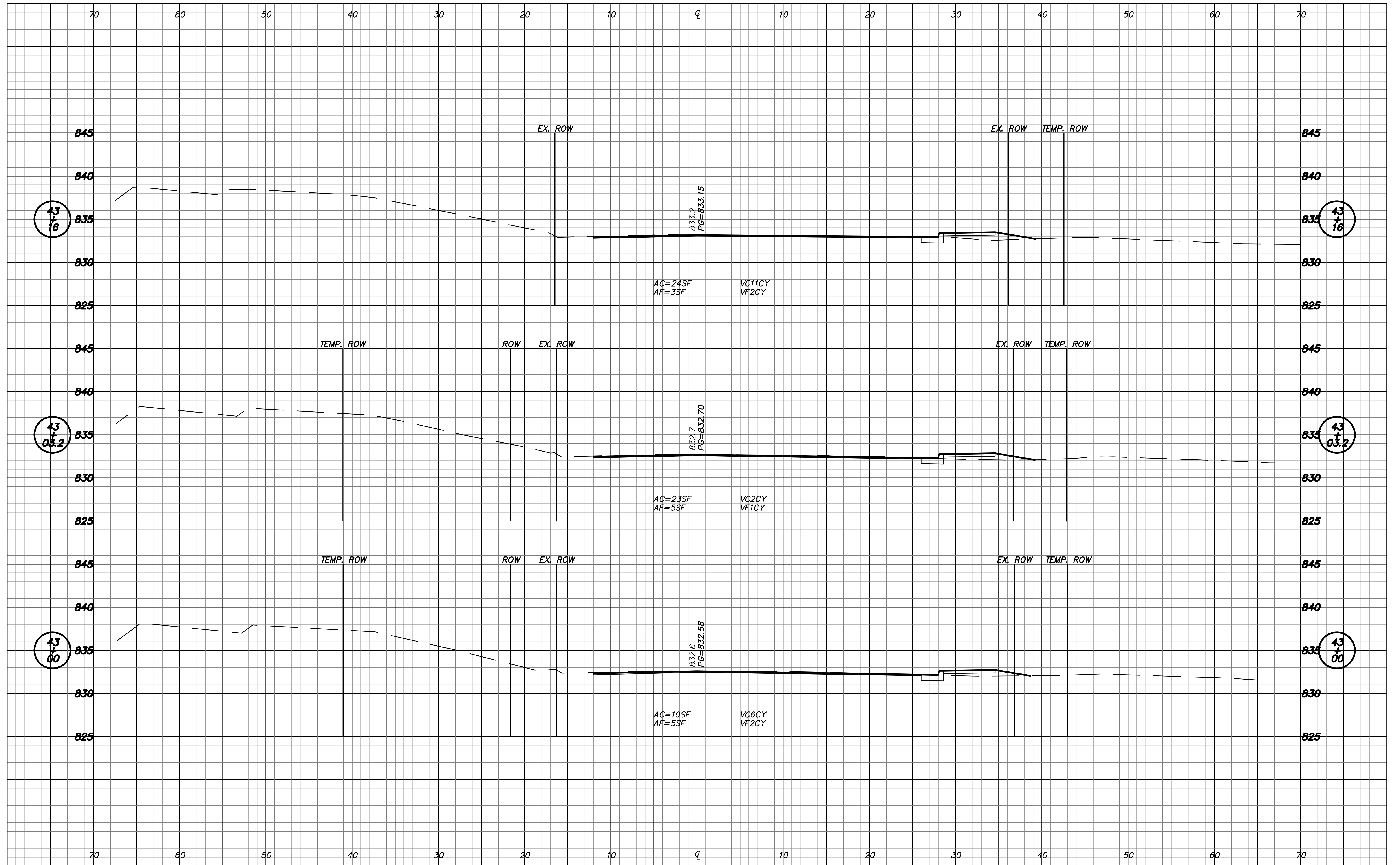


RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: RNC DRAWN: RNC
 CHECKED: ADM CHECKED: ADM

INDIANA DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	44 of 60
CONTRACT R-39008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: Id: rvy
 File: C:\00-PROJECTS\0066-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



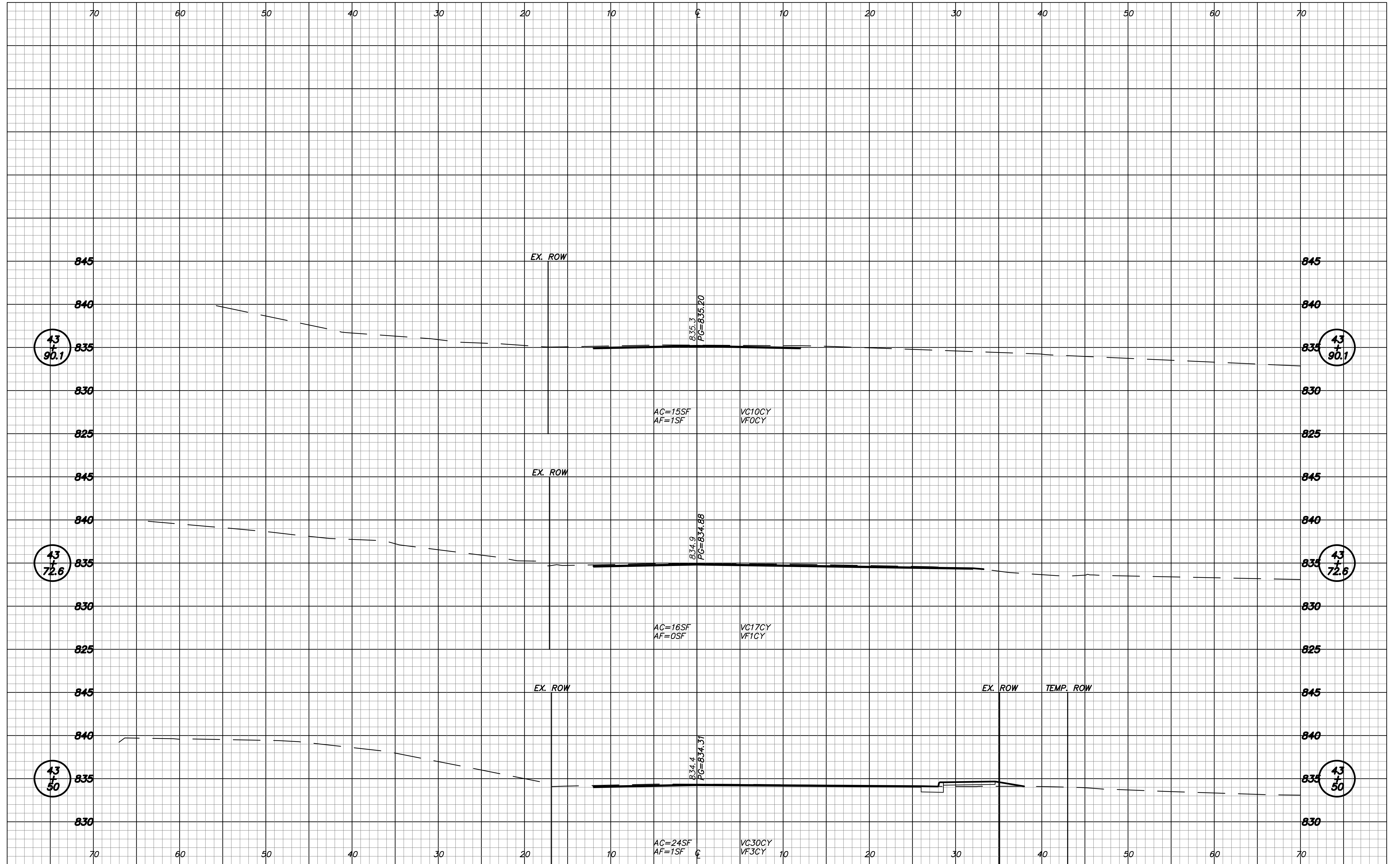
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	RNC	DRAWN:
CHECKED:	ADM	CHECKED:
		ADM

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	45 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: ID: rvy
 File: C:\00-PROJECTS\0066-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



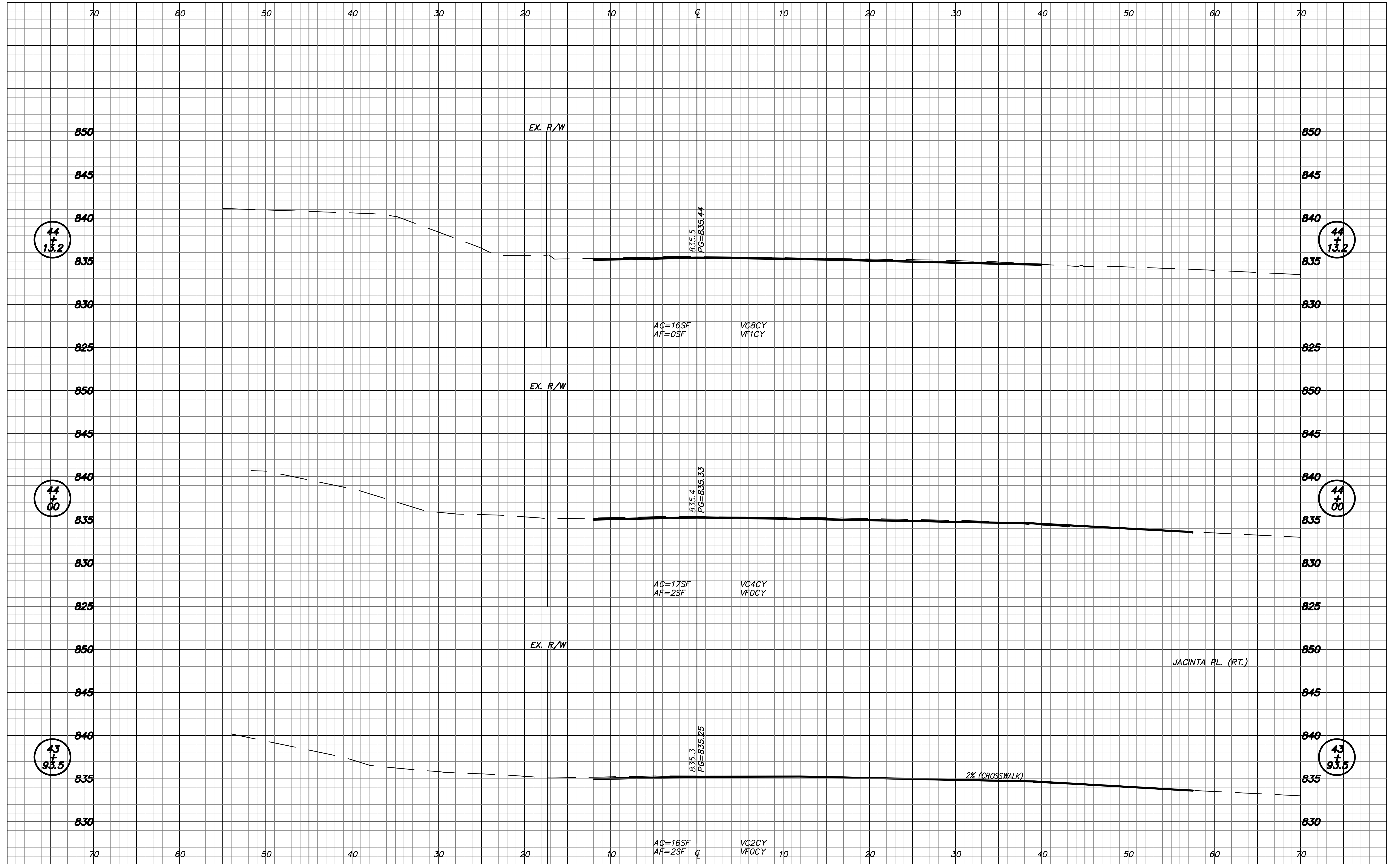
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 46 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: ID: rvy
 File: C:\00-PROJECTS\0066-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



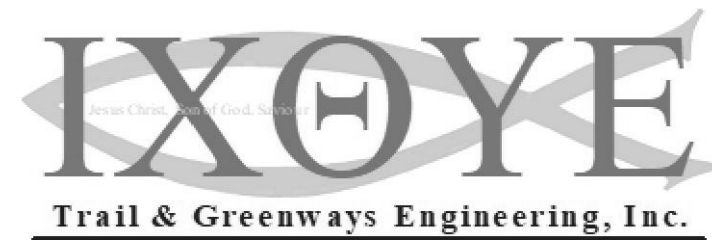
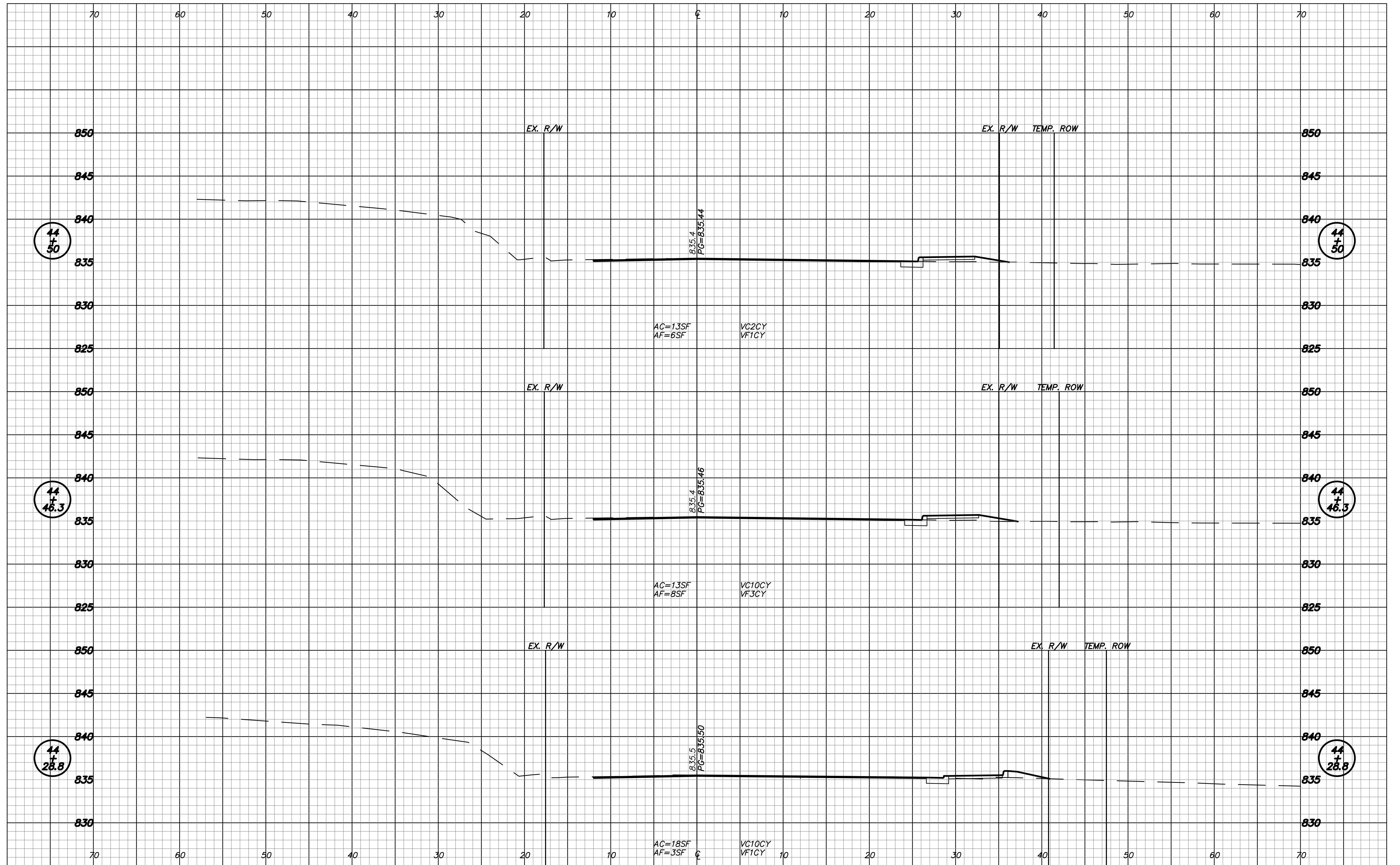
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 47 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: Id: rvy
 File: C:\00-PROJECTS\0068-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



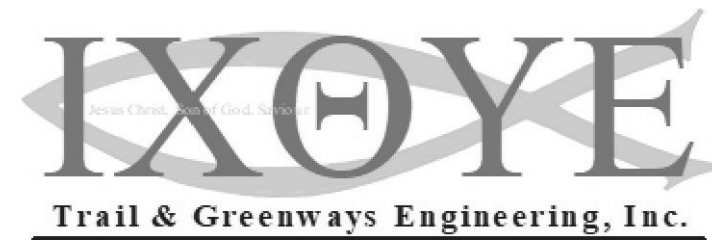
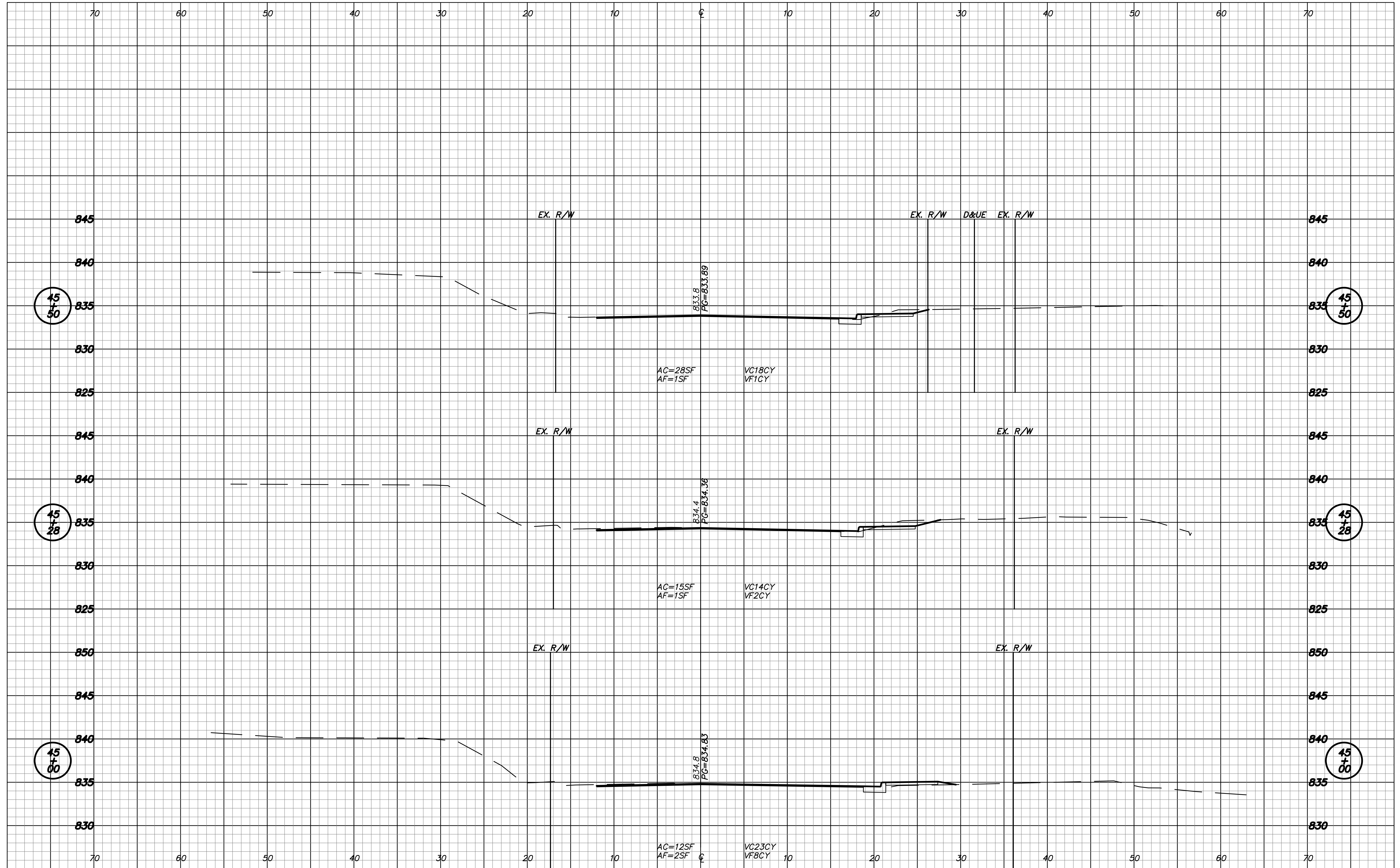
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	RNC	DRAWN: RNC
CHECKED:	ADM	CHECKED: ADM

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "PR-B"**

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 48 of 60
CONTRACT R-39008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: Id: roy
 File: C:\00-PROJECTS\0066-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



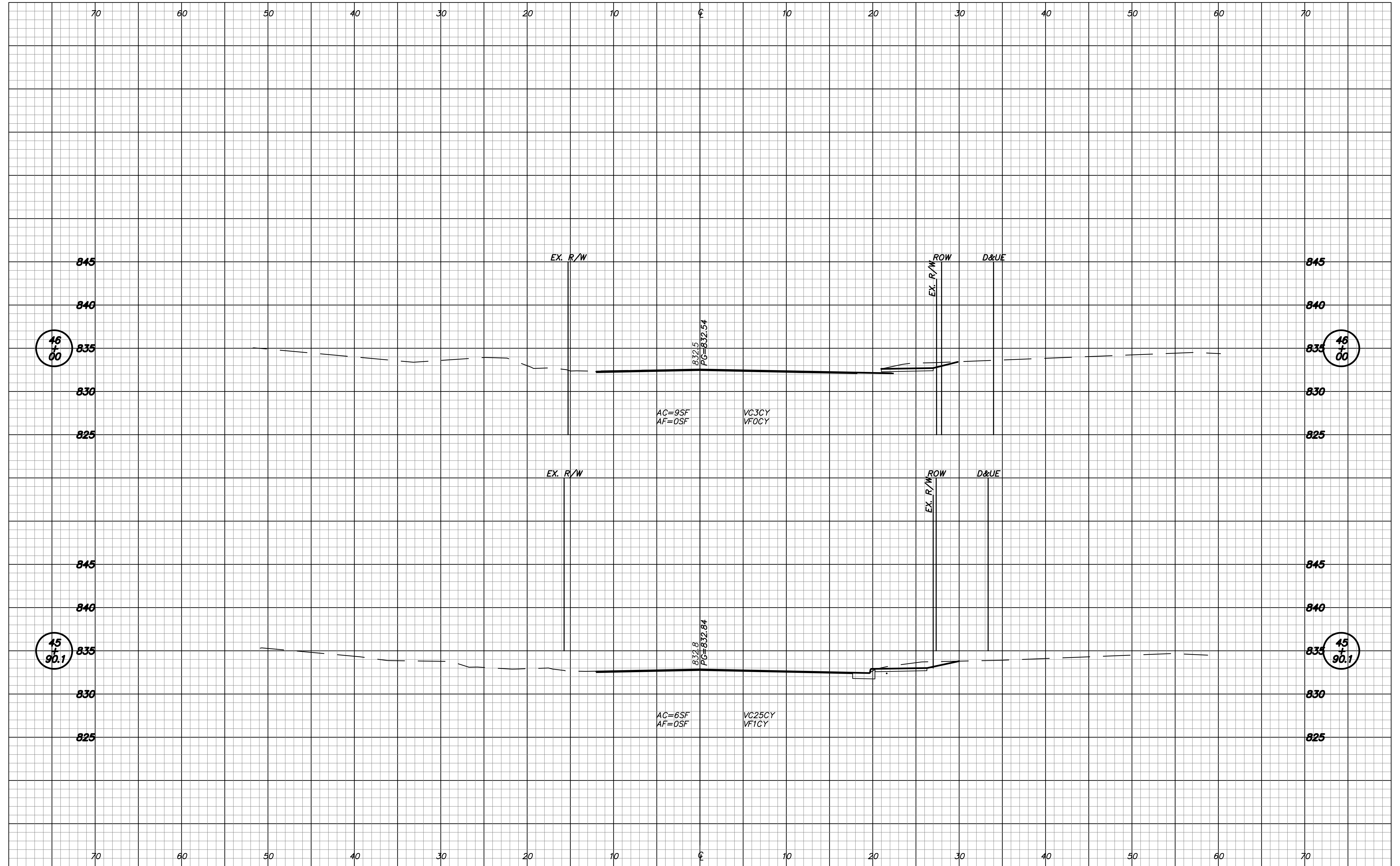
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 49 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: Id: rvy
 File: C:\00-PROJECTS\0068-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



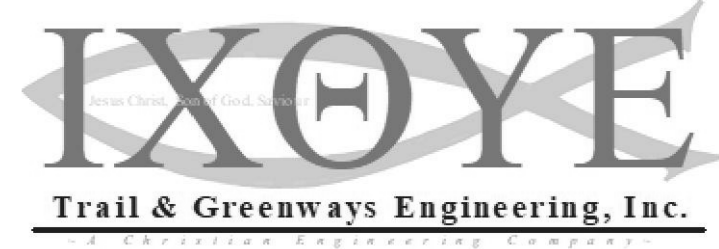
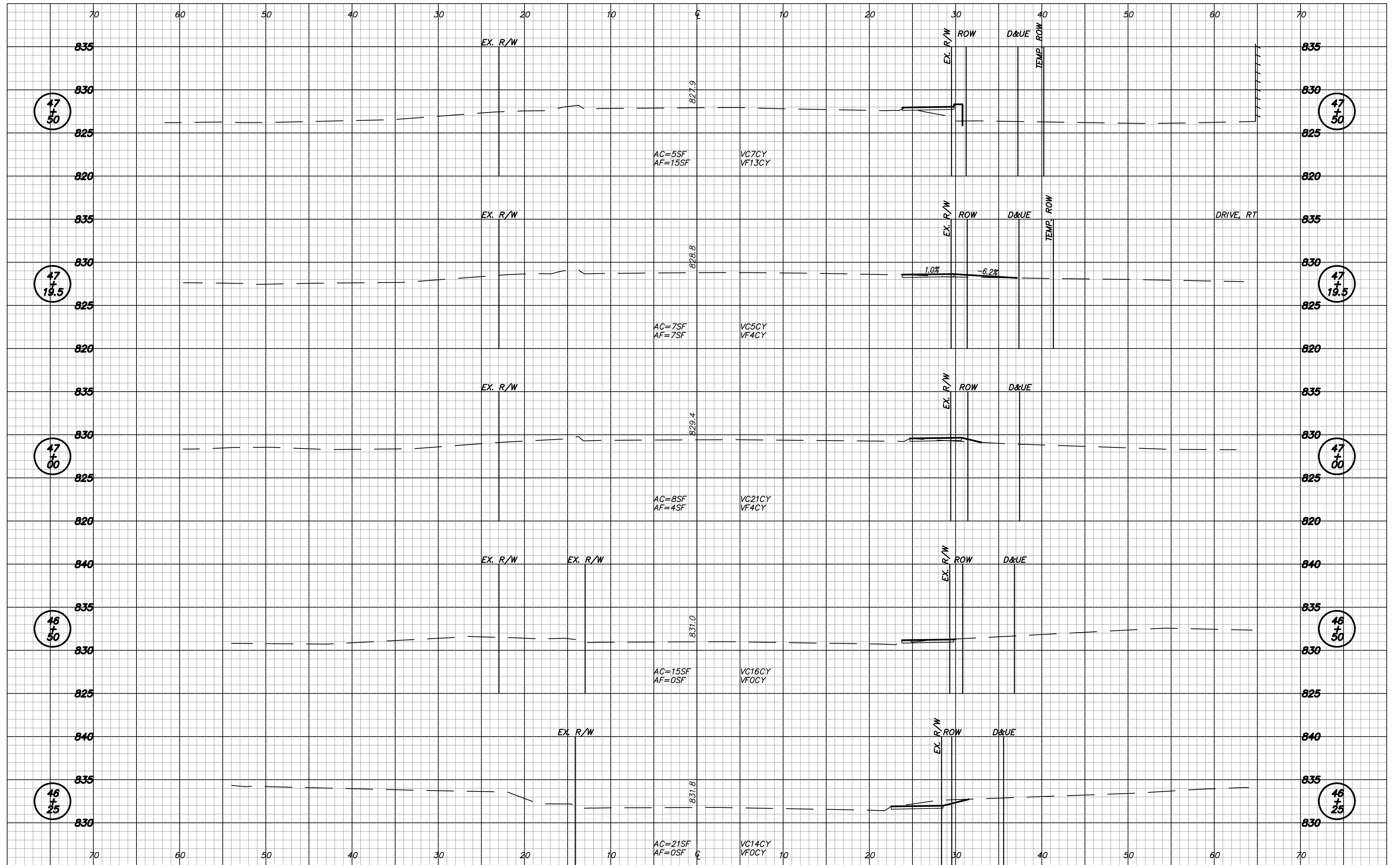
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LINE "PR-B"**

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK	SHEETS
ELECTRONIC	50 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: Id: rvy
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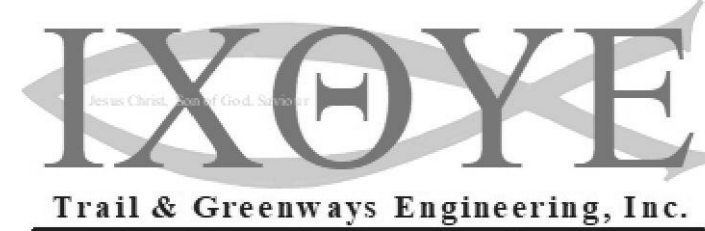
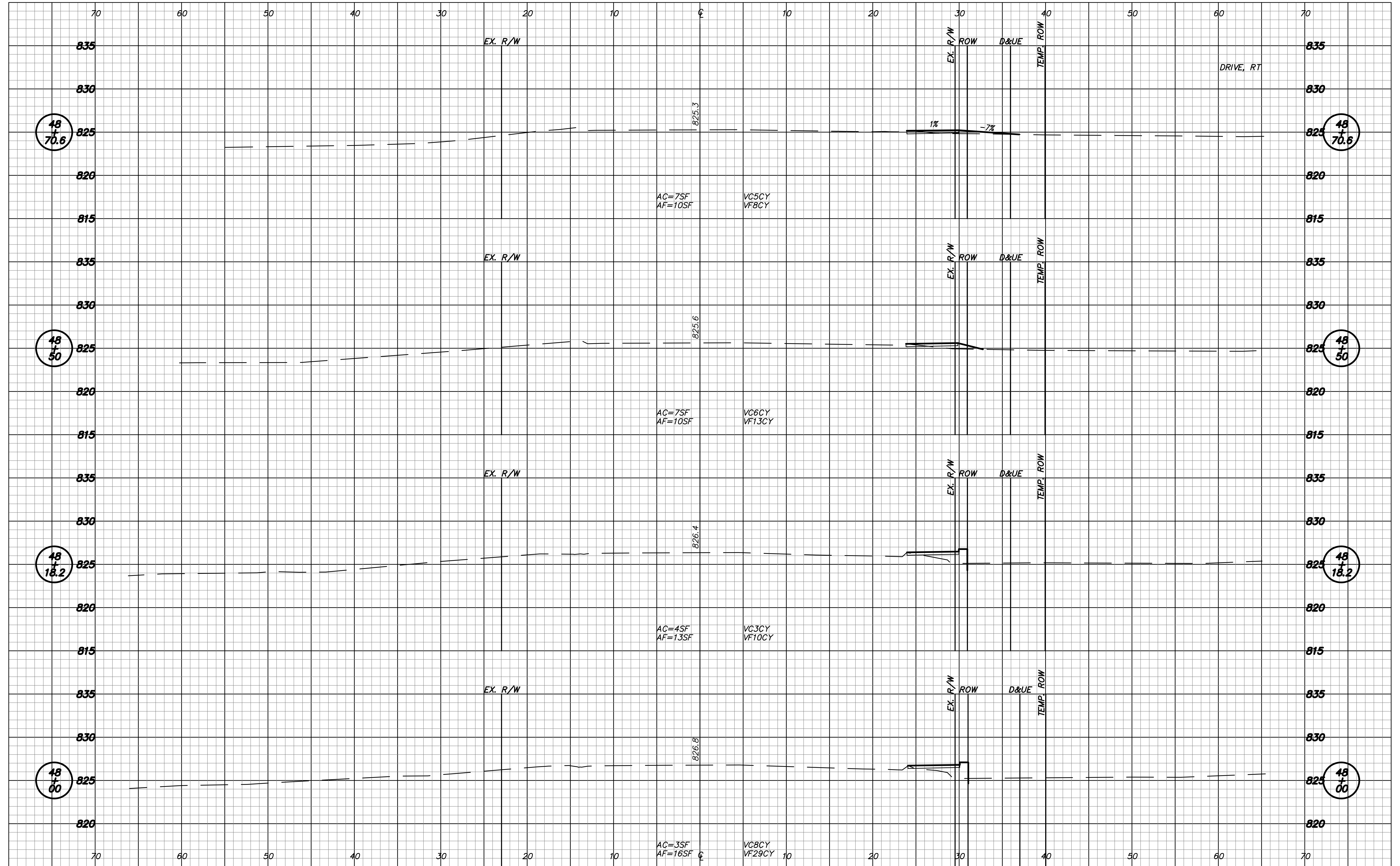
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
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INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 51 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:27am User: ID: rvy
 File: C:\00-PROJECTS\0066-BWLE MPO PLANK RD\DWG\34-54 Cross-Sections_LinePR-B.dwg



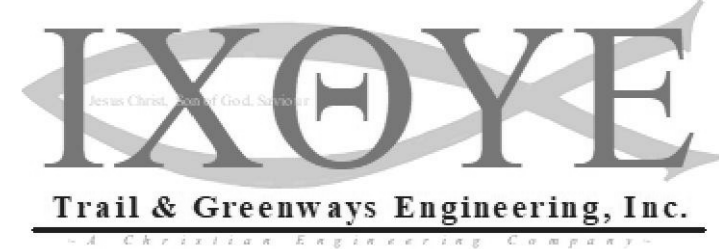
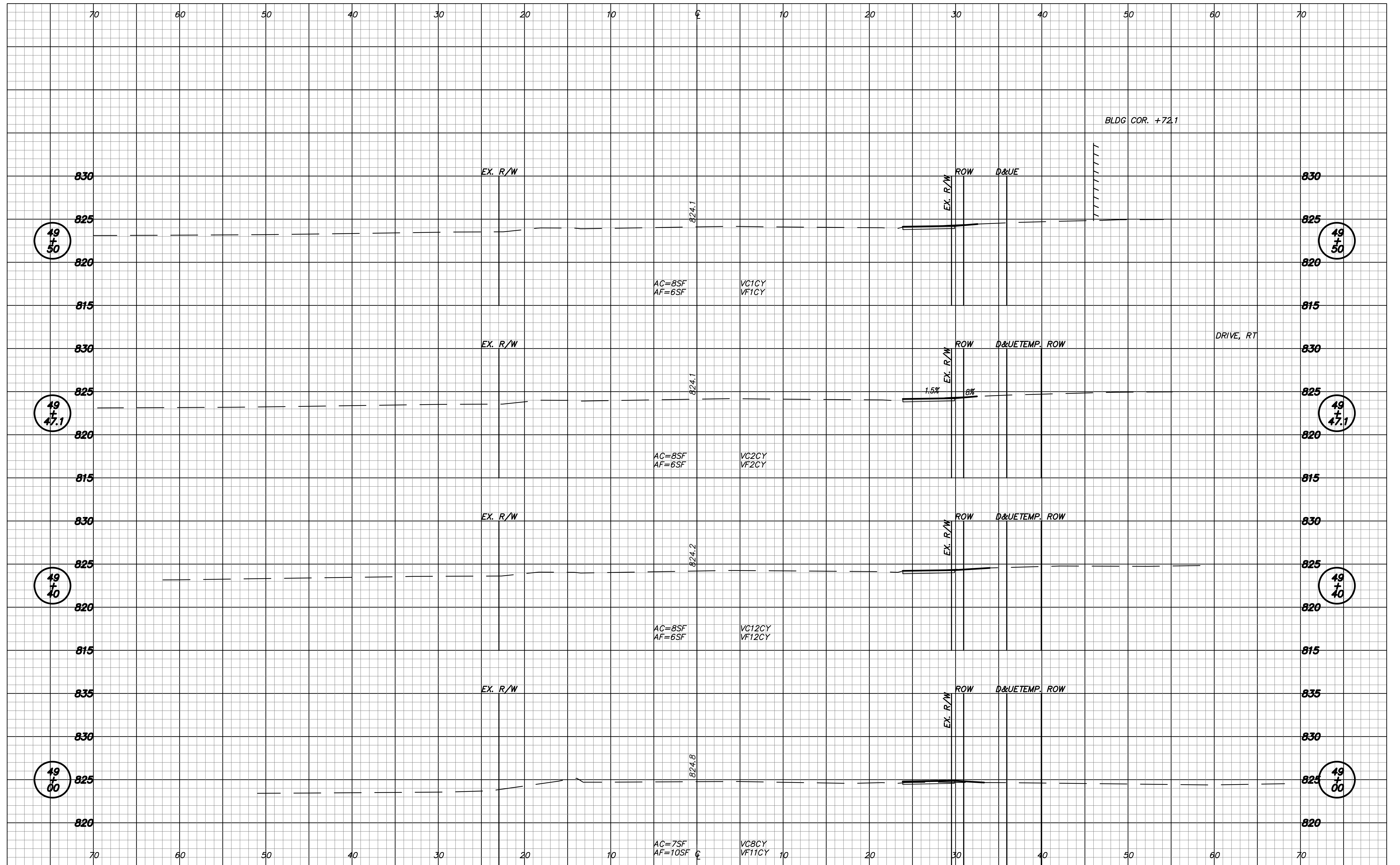
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	RNC	DRAWN:
		RNC
CHECKED:	ADM	CHECKED:
		ADM

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 52 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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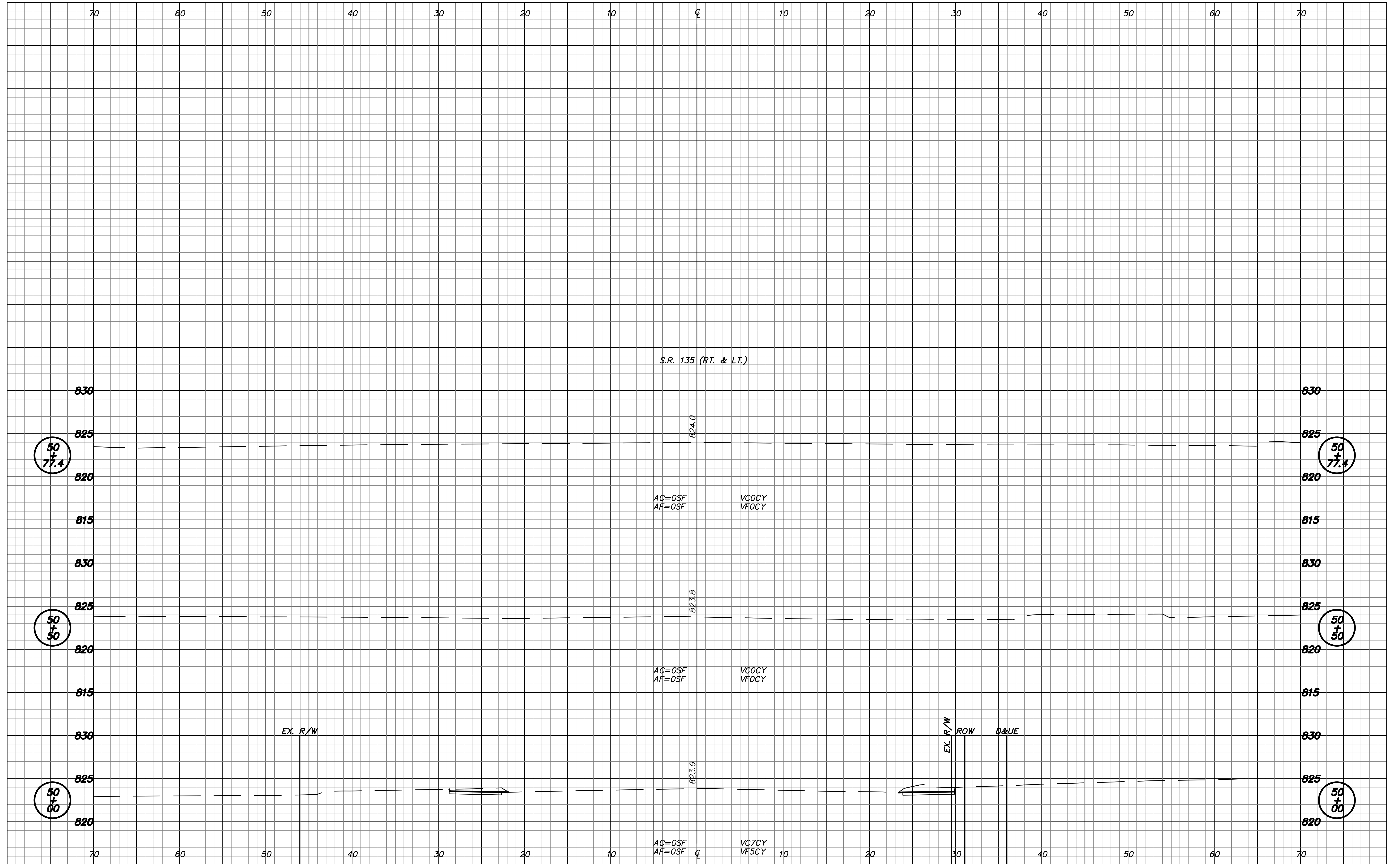
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-B"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC CONTRACT R-38008	SHEETS 53 of 60 PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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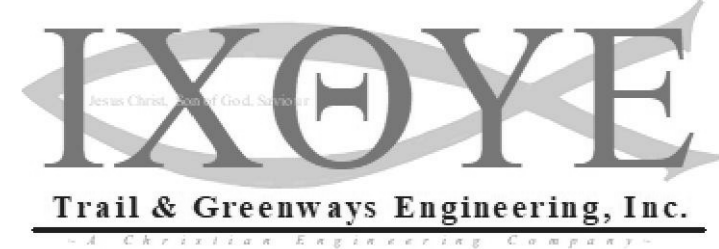
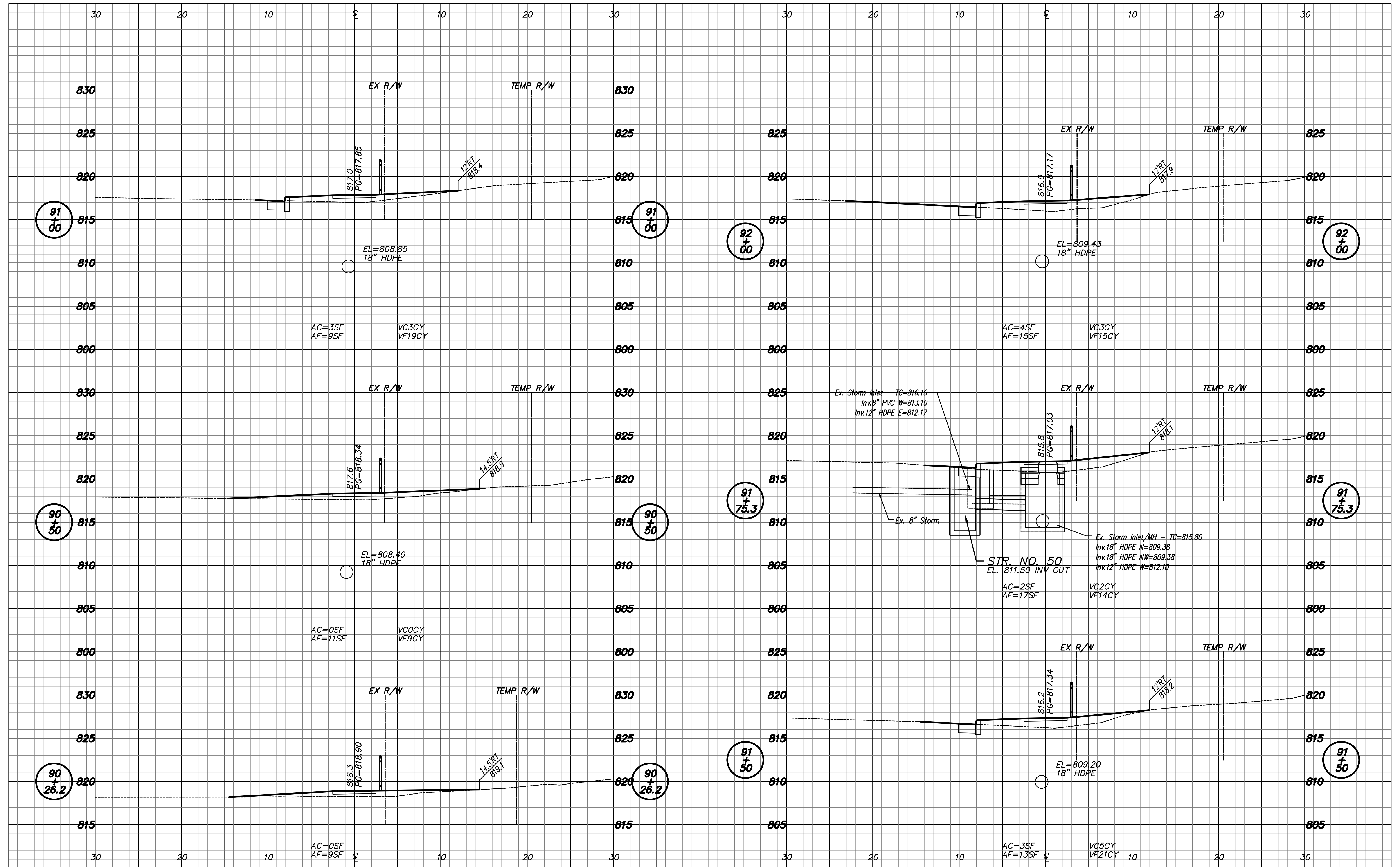
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "PR-B"**

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 54 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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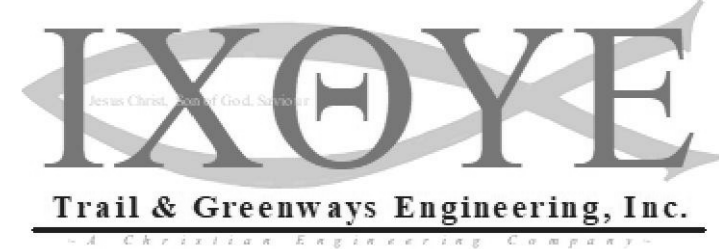
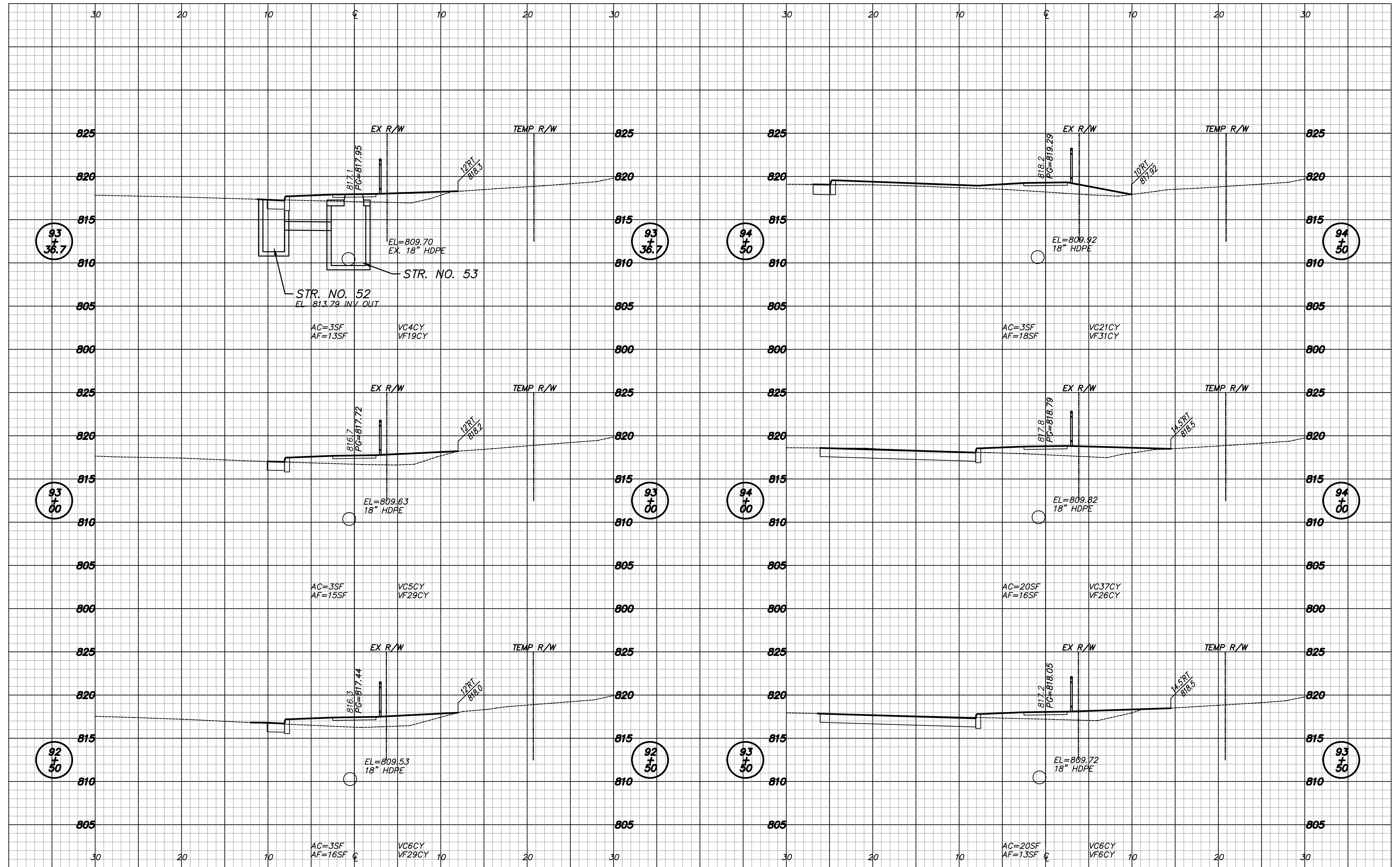
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
 LINE "PR-C"**

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 55 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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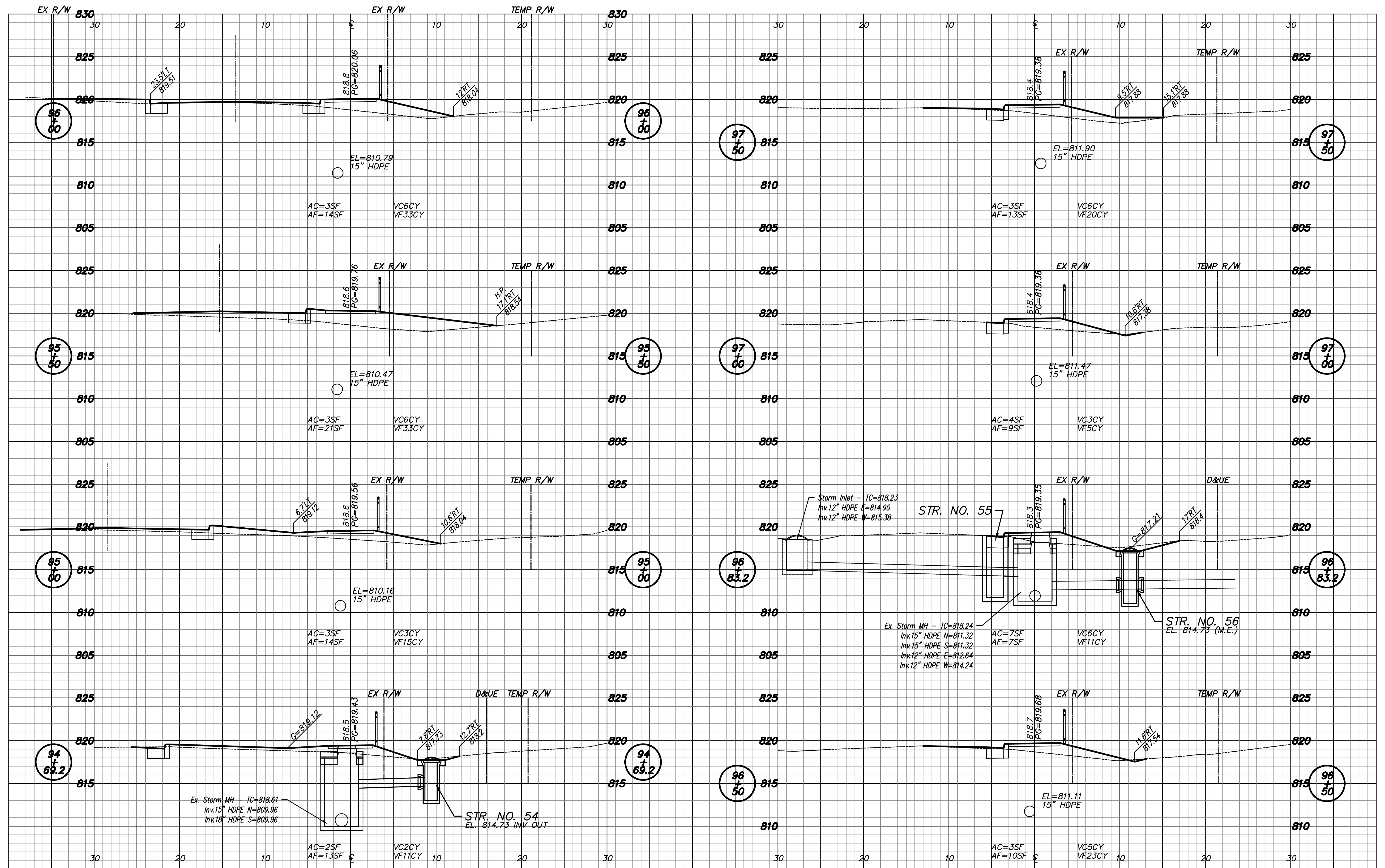
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DESIGNED:	RNC	DRAWN:
		RNC
CHECKED:	ADM	CHECKED:
		ADM

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE "PR-C"

HORIZONTAL SCALE	ROAD FILE
1"=5'	
VERTICAL SCALE	DESIGNATION
1"=5'	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	56 of 60
CONTRACT	PROJECT
R-38008	1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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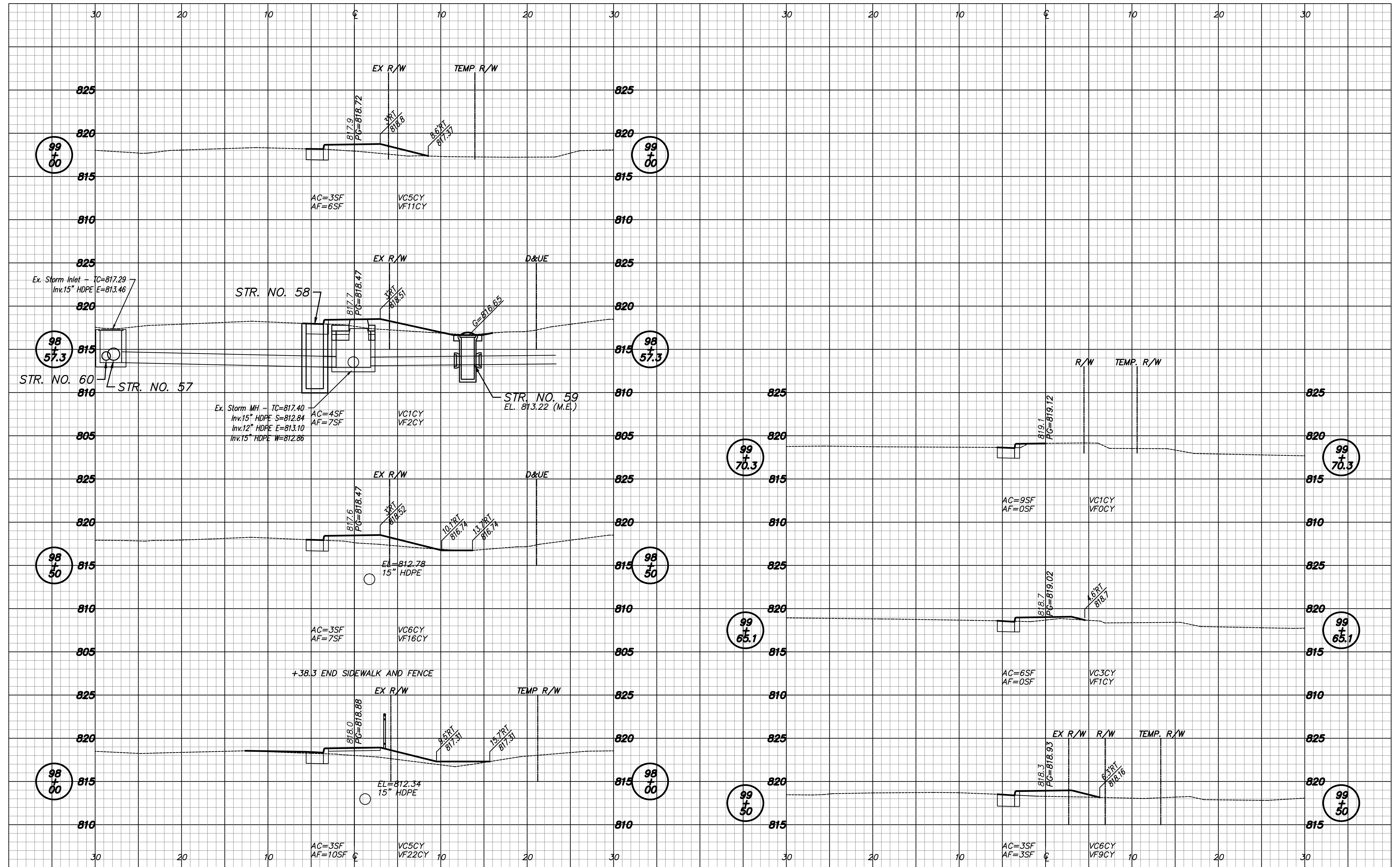
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RNC	DRAWN: RNC	
CHECKED: ADM	CHECKED: ADM	

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-C"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 57 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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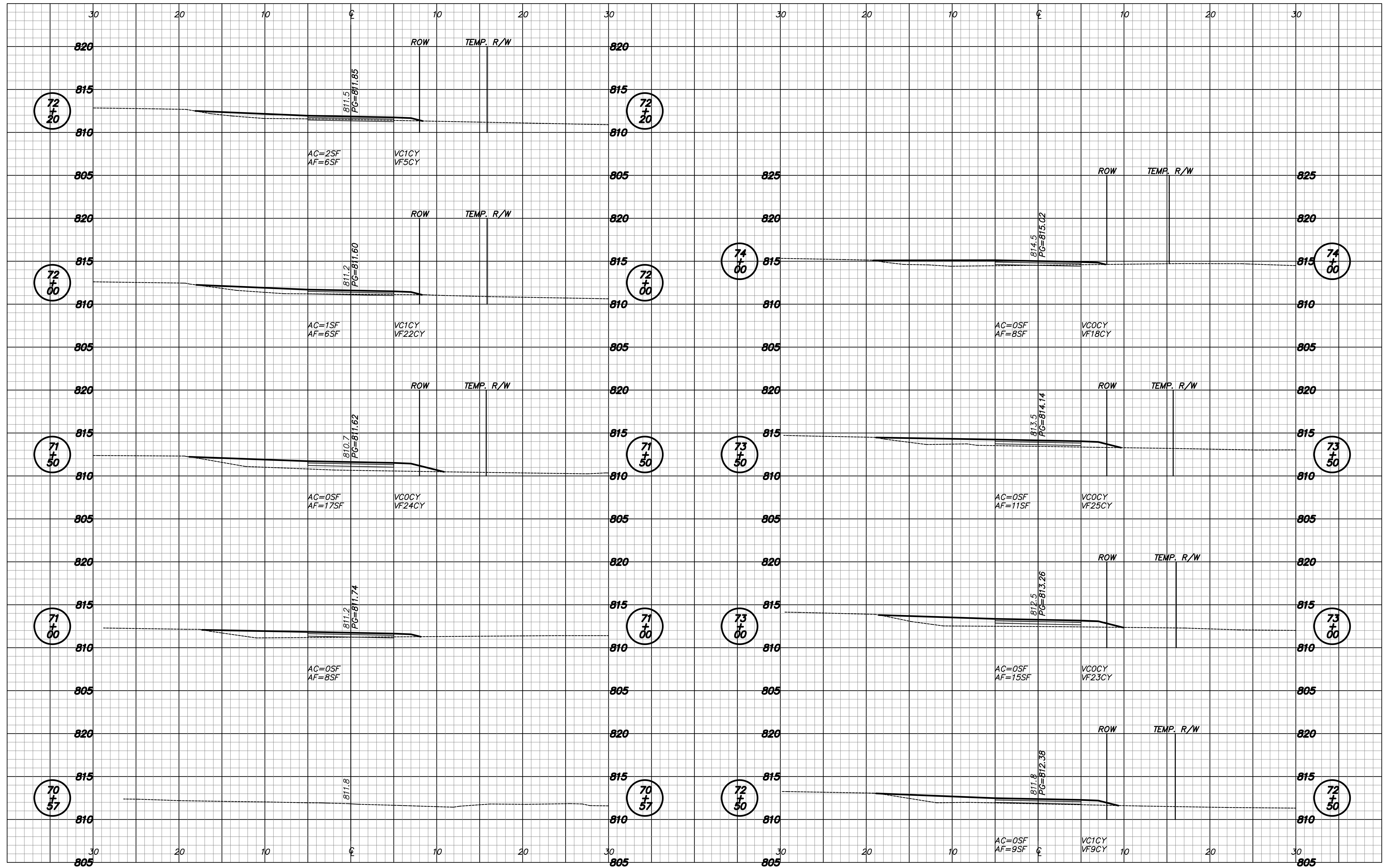
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DESIGNED: RNC	DRAWN: RNC	
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INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-C"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 58 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
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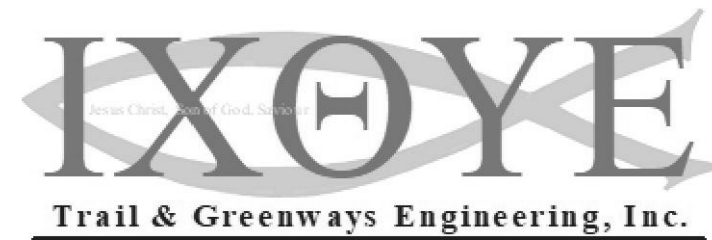
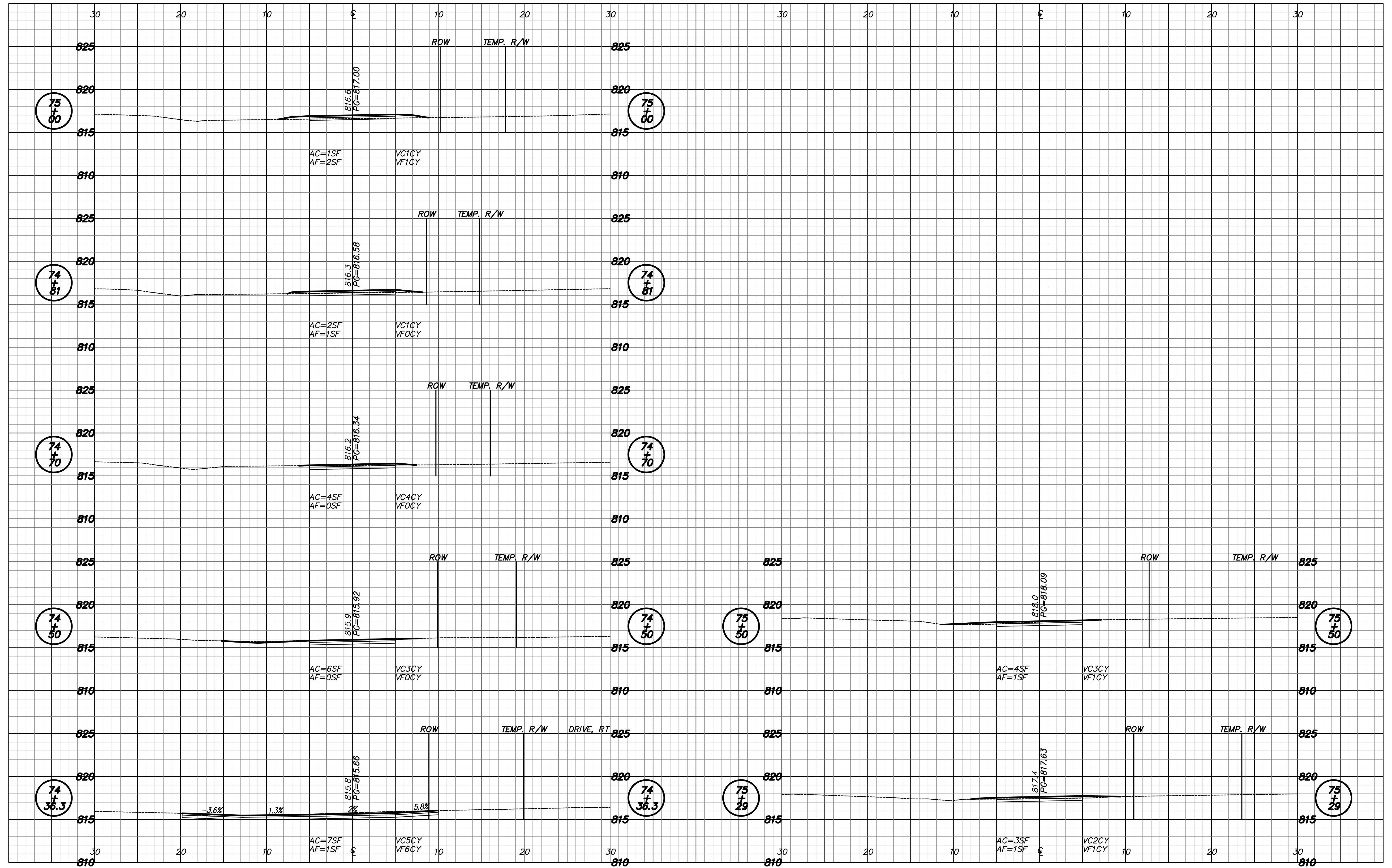
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DESIGNED: RNC	DRAWN: RNC	
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INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "PR-D"

HORIZONTAL SCALE 1"=5'	ROAD FILE
VERTICAL SCALE 1"=5'	DESIGNATION 1401684
SURVEY BOOK ELECTRONIC	SHEETS 59 of 60
CONTRACT R-38008	PROJECT 1401684

Date: Mar 30, 2019, 11:28am User: Id: rvy
 File: C:\00-PROJECTS\0066-BWLE MPO PLANK RD\DWG\59-60 Cross-sections_LinePR-D.dwg



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	RNC	DRAWN:
CHECKED:	ADM	CHECKED:
		ADM

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE "PR-D"

HORIZONTAL SCALE	ROAD FILE
1"=5'	
VERTICAL SCALE	DESIGNATION
1"=5'	1401684
SURVEY BOOK	SHEETS
ELECTRONIC	60 of 60
CONTRACT	PROJECT
R-38008	1401684