PROJECT	DESIGNATION
0900213	0900213
CONTRACT	

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

ROUNDABOUT AT SARE ROAD AND ROGERS ROAD

INTERSECTION IMPROVEMENT WITH STORM SEWERS, CURB AND GUTTER, SIDEWALKS AND RECREATIONAL SIDEPATH IN SECTIONS 11 AND 14, T-8-N, R-1-W, AT CITY LIMITS OF BLOOMINGTON, INDIANA, MONROE COUNTY, PERRY TOWNSHIP

LATITUDE: 39°08'09" N LONGITUDE: 86°29'48" W

PROJECT NO. 0900213 PE, RW, CN

TRAFFIC DATA	SARE ROAD	ROGERS ROAD
A.A.D.T. 2011	10,437 V.P.D.	7,146 V.P.D.
A.A.D.T. 2031	13,477 V.P.D.	9,228 V.P.D.
D.H.V 2031	1,258 V.P.H.	882 V.P.H.
DIRECTIONAL DISTRIBUTION	50/50	50/50
TRUCKS	2.0% (A.A.D.T./D.H.V.)	2.0% (A.A.D.T./D.H.V.)
DESIGN DATA		
DESIGN SPEED	40 M.P.H.	40 M.P.H.
PROJECT DESIGN CRITERIA	3R NON-FREEWAY	3R NON-FREEWAY
FUNCTIONAL CLASSIFICATION	LOCAL PRINCIPAL ARTERIAL	LOCAL SECONDARY ARTERIAL
RURAL/URBAN	URBAN (SUBURBAN)	URBAN (SUBURBAN)
TERRAIN	ROLLING	ROLLING
ACCESS CONTROL	NONE	NONE

STAGE 1 PLANS

CITY OF BLOOMINGTON

HON. MARK KRUZAN, MAYOR

BOARD OF PUBLIC WORKS

CHARLOTTE ZIETLOW, PRESIDENT

JAMES McNAMARA, VICE PRESIDENT

DR. FRANK HRISOMALOS, MEMBER

DEPARTMENT OF PUBLIC WORKS

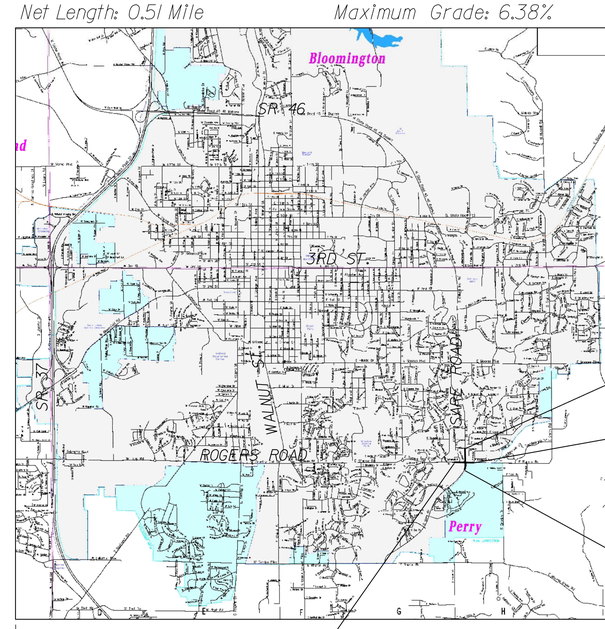
SUSIE JOHNSON, DIRECTOR

JUSTIN WYKOFF, MANAGER, ENGINEERING SERVICES

ADRIAN REID, P.E., CITY ENGINEER

PROJECT LOCATION SHOWN BY

Gross Length: 0.51 Mile
Net Length: 0.51 Mile
Maximum Grade: 6.38%



T-9-N
T-8-N

END CONSTRUCTION
STA. 69+32.27 "B"

END PROJECT
STA. 24+26.03 "A"

BEGIN CONSTRUCTION
STA. 54+15.00 "B"

R-1-W

BEGIN PROJECT
STA. 12+80.00 "A"

R-1-W

0 1 MILE

PROJECT LOCATION MAP
CITY OF BLOOMINGTON, MONROE COUNTY

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2010
TO BE USED WITH THESE PLANS

ROUNDABOUT AT SARE ROAD AND ROGERS ROAD, BLOOMINGTON

PREPARED BY:

EAGLE RIDGE
CIVIL ENGINEERING SERVICES, LLC

1321 Laurel Oak Drive
Avon, Indiana 46123
(317)370-9672

PLANS PREPARED BY: EAGLE RIDGE CIVIL ENGINEERING SERVICES, LLC (317) 370-9672 PHONE NUMBER

CERTIFIED BY: DATE

APPROVED FOR LETTING: DATE

DESIGNATION
0900213

SURVEY BOOK	SHEETS		
	1	of	31
CONTRACT	PROJECT		
X	0900213		

UTILITIES

CABLE TELEVISION
COMCAST
ATTN: SCOTT TEMPLETON
2450 SOUTH HENDERSON ST.
BLOOMINGTON, IN 47401
(812) 355-7822

GAS
VECTREN ENERGY
ATTN: DOUG ANDERSON
205 SOUTH MADISON
BLOOMINGTON, IN 47404
(812) 330-4009

FOR SERVICE RELOCATIONS
(48 HOUR NOTICE NEEDED)
ATTN: GREG THACKER
(812) 330-4001

ELECTRIC
DUKE ENERGY
ATTN: KERRY DUCKER
1100 WEST SECOND ST.
P.O. BOX 2448
BLOOMINGTON, IN 47403
(812) 337-3035

SEWER AND WATER
CITY OF BLOOMINGTON UTILITIES
ATTN: JANE FLEIG, P.E.
600 E. MILLER DRIVE
BLOOMINGTON, IN 47401
(812) 349-3631

DATA
BLOOMINGTON DIGITAL UNDERGROUND
ATTN: RICK ROUTON
ITS DEPT., CITY HALL
401 N. MORTON ST.
SUITE 150
BLOOMINGTON, IN 47404
(812) 349-3856

TELEPHONE/COMMUNICATIONS
AT & T
ATTN: BRENT McCABE
4517 INDIANA BELL COURT
BLOOMINGTON, IN 47408
(812) 334-4521

SMITHVILLE TELEPHONE CO.
ATTN: JACK HILLENBERG
1600 W. TEMPERANCE ST.
ELLETTSVILLE, IN 47429-0729
(812) 876-9103

ZAYO BANDWIDTH
ATTN: CRAIG BROWN
701 W. HENRY ST.
INDIANAPOLIS, IN 46225
(317) 524-5711

LEVEL 3 COMMUNICATIONS
ATTN: MARK CONDER
1902 S. EAST STREET
INDIANAPOLIS, IN 46225
(317) 908-9109

GENERAL NOTES

*	ALL EARTH SHOULDERS, MEDIAN AREAS, AND CUT OR FILL SLOPES SHALL BE PLAIN OR MULCH SEEDED EXCEPT WHERE SODDING IS SPECIFIED.
	THE FINAL CROSS SECTIONS OF THE GRADING CONTRACT WILL BE THE ORIGINAL CROSS SECTIONS OF THE PAVING CONTRACT. HOWEVER, PARTIAL OR COMPLETE CROSS SECTIONS SHALL BE TAKEN IF NECESSARY TO DETERMINE THE ACTUAL EXCAVATION QUANTITIES.
	THE PAPER RELOCATION WILL BE CROSS-SECTIONED BY THE ENGINEER BEFORE CONSTRUCTION.
	EXISTING ASPHALT PAVEMENT LOCATED OUTSIDE THE CONSTRUCTION LIMITS BETWEEN STA. AND STA. , SHALL BE REMOVED AS DIRECTED.
	THE QUANTITY OF PEAT EXCAVATION SHOWN ON THE PLANS HAS BEEN ESTIMATED ON THE BASIS OF THEORETICAL CROSS SECTIONS BY USING TREATMENT OF EXISTING FILLS, TREATMENT BY REMOVAL OR TREATMENT BY DISPLACEMENT. WHERE EACH TREATMENT APPLIES.
	ALUMINUM BAS BRACING (1/4" X 1" X LENGTH REQUIRED) WILL BE REQUIRED ON ALL SQUARE POST MOUNTED SIGNS EXCEEDING 60" IN LENGTH.
*	POST LENGTHS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE POST LENGTHS REQUIRED TO ASSURE THAT THE SIGNS ARE INSTALLED WITH THE MOUNTING HEIGHT BEING IN ACCORDANCE WITH THE MICELLANEOUS TRAFFIC STANDARD DETAILS SHEETS.
*	UNLESS OTHERWISE NOTED IN THESE PLANS, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL REQUIRED FOR THE COMPLETE INSTALLATION OF THE SIGNS AND SIGN SUPPORTS. SHEET SIGNS AND POSTS ARE NOT TO BE ORDERED UNTIL THE EXACT NUMBER OF SIGNS AND LENGTH OF EACH POST HAS BEEN DETERMINED UPON FIELD INVESTIGATION.
*	ALL SIGNS SHALL BE MARKED FOR IDENTIFICATION. THE MARKING MATERIAL SHALL BE EITHER SCOTCH LITE, SEIBULITE, REFLEXITE OR APPROVED EQUAL. THE IDENTIFYING MESSAGE SHALL CONSIST OF INDOT AND THE MONTH AND YEAR THE SIGN IS INSTALLED. THE MESSAGE COPY SHALL CONSIST OF BLACK OR WHITE LETTERING ON THE WHITE OR BLACK BACKGROUND RESPECTIVELY AND BE OF A MINIMUM OF 1" IN HEIGHT. THE MARKING FOR SHEET SIGNS SHALL BE PLACED IN THE LOWER CORNER CLOSEST TO THE CENTER LINE OF THE ROAD. THE MARKING SHALL NOT BE COVERED BY THE SIGN'S SUPPORT AFTER INSTALLATION OF THE SIGN.
*	STOP SIGN SHALL NOT BE REMOVED UNTIL THE NEW ONE IS AT THE JOB SITE AND READY TO BE INSTALLED. SIGNS SHALL BE SEEN BY TRAVEL MOTORISTS AT ALL TIMES.
	ALL DESIGN SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS (LATEST EDITION).

* NOTE APPLIES TO THIS CONTRACT

INDEX

SHEET NO.	DRAWINGS INDEX
1	TITLE SHEET
2	GENERAL NOTES / UTILITIES / INDEX / LEGEND
3 - 4	TYPICAL CROSS SECTIONS AND DETAILS
	MAINTENANCE OF TRAFFIC AND EROSION CONTROL PLANS
5 - 10	PLAN AND PROFILES
11	INTERSECTION DETAIL AND GRADING PLAN
	LANDSCAPING/PLANTING PLAN
	RETAINING WALL DETAILS
	SIGN AND PAVEMENT MARKING PLANS
	SIGN SUMMARY
	MISCELLANEOUS SUMMARY OF QUANTITIES
	PAVEMENT QUANTITIES AND APPROACH TABLE
	STRUCTURE DATA TABLE / PIPE MATERIAL SHEET
13 - 31	CROSS SECTIONS

REVISIONS

SHEET NO.	DATE	REVISED

GENERAL LEGEND (EXISTING SCREENED, PROPOSED IN BOLD)

- UTILITY HAND HOLE
- LIGHT POLE
- WATER VALVE
- GAS VALVE
- INLETS
- HYDRANT
- TRAFFIC MANHOLE
- TREES
- FLAG POLE
- SIGN (1 OR 2 POST)
- STUMP
- POWER POLE
- GUY WIRE
- GAS METER
- WATER METER
- MAILBOX
- YARD LIGHT
- POWER POLE WITH LIGHT AND RISER
- POWER POLE WITH RISER
- CONTROLLER
- SIGNAL POLE
- PEDESTRIAN SIGNAL POLE
- ELECTRIC METER
- CLEAN OUT
- MANHOLE (STORM, SANITARY OR COMBINED)
- STORM / SANITARY SEWER
- UNDERGROUND ELECTRIC
- TELEPHONE LINE
- OVERHEAD UTILITY
- WATER LINE
- GAS LINE
- PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- PROPOSED RIGHT-OF-WAY LINE
- WIRE FENCE
- SPLIT RAIL FENCE/WOODEN FENCE
- CHAIN LINK FENCE
- PROPOSED LIGHT POLE
- NEW TREES
- POLE REMOVAL OR RELOCATION BY UTILITY
- EXISTING PAVEMENT TO BE REMOVED
- PROPOSED PIPE/MANHOLE
- PROPOSED STONE WALL

MAINTENANCE OF TRAFFIC AND EROSION CONTROL ITEMS

- INDOT STANDARD DRUM WITH STEADY BURN LIGHTS
- FLASHING ARROW SIGN
- DETOUR ROUTE MARKER ASSEMBLY (LETTER DENOTES TYPE)
- BARRICADE (TYPE III)
- CONSTRUCTION SIGNS (SHAPE PER MUTCD)
- TRAFFIC FLOW DIRECTION
- ROAD CLOSURE SIGN ASSEMBLY
- BUZZ STRIPS, 6 EACH SET, 8" WIDE, SOLID WHITE THERMOPLASTIC LINES
- (RR) TEMPORARY CHECK DAM, REVETMENT RIPRAP
- (SB) TEMPORARY CHECK DAM, STRAW BALES
- (CI) INLET PROTECTION, CURB
- (DI) DITCH INLET PROTECTION
- (SF) TEMPORARY SILT FENCING

PROPOSED ITEMS

- (A1) PLAIN PORTLAND CEMENT CONCRETE PAVEMENT (TO BE DETERMINED)
- (C1) 6" CONCRETE PAVEMENT FOR DRIVES ON 6" COMPACTED AGGREGATE BASE NO. 53S (CLASS I)
- (C3) 9" CONCRETE PAVEMENT FOR DRIVES ON 6" COMPACTED AGGREGATE BASE No. 53 (CLASS III DRIVES AND ALLEYS)
- (CL) APPROXIMATE CONSTRUCTION LIMITS
- (D4) HMA PAVEMENT FOR DRIVES AND PARKING LOTS 165 lb/syd HMA TYPE B SURFACE 95mm ON, 275 lb/syd HMA TYPE B INTERMEDIATE 190mm ON, 8" COMPACTED AGGREGATE BASE No. 53s
- (F) CONCRETE SIDEWALK (MATCH EXISTING WIDTH IF PRESENT)
- (K1) FULL DEPTH PAVEMENT (TO BE DETERMINED)
- (K2) FULL DEPTH PAVEMENT FOR MINOR LOCAL ROAD (TO BE DETERMINED)
- (K3) FULL DEPTH SIDEPATH PAVEMENT
- (R1) RESURFACING SECTIONS (TO BE DETERMINED)
- (R3) VARIABLE DEPTH WEDGE AND LEVEL WITH OVERLAY SECTION (TO BE DETERMINED)
- (P) ROAD PATCHING
- (SL) APPROXIMATE SUSPECTED LOCATION OF SANITARY SERVICE LATERAL TO BE REPLACED
- (9) 1/2 IN. PREFORMED JOINT FILLER
- (13) CONCRETE CURB, 8" (EXPOSED FACE)
- (15) COMBINED CONCRETE CURB AND GUTTER, 8" TALL, 24" WIDE
- (16) REVERSE SLOPED CONCRETE CURB AND GUTTER, 8"
- (17) INTEGRAL CONCRETE CURB AND SIDEWALK
- (25) MULCHED SEEDING, TYPE "U"
- (26) SODDING, NURSERY
- (G) CONCRETE CURB RAMP (LETTER DESIGNATES TYPE)
- (T1) TREE, HACKBERRY (CELTIS OCCIDENTALIS), 2"
- (T2) TREE, RED OAK (QUERCUS RUBRA), 1 3/4"
- (T3) TREE, LILAC (SYRINGA RETICULATE "IVORY SILK"), 2"
- (T4) TREE, AMERICAN LINDEN (TILIA AMERICANA "REDMOND"), 2"
- (T5) TREE, GREEN VASE JAPANESE ZELCOVA (ZELCOVA SERRATA), 2"
- (W1) FULL DEPTH WIDENING, LAYERED SAME AS (K1) (SEE TYPICALS)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX / GENERAL NOTES / LEGEND / UTILITY DATA

HORIZONAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	0900213
SURVEY BOOK	SHEETS
	2 of 31
CONTRACT	PROJECT
	0900213

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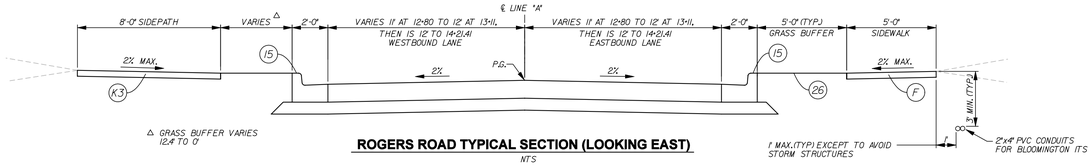
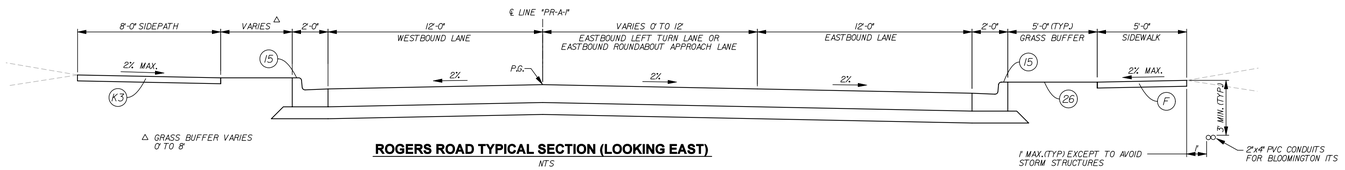


ROGERS ROAD TYPICAL SECTION (LOOKING EAST)

NTS

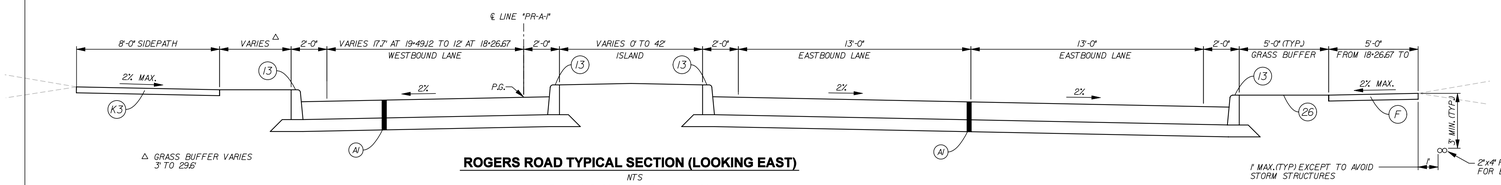
STA. 12+80.00 "A" TO STA. 14+21.41 "PR-A-1"



ROGERS ROAD TYPICAL SECTION (LOOKING EAST)

NTS

STA. 14+21.41 "PR-A-1" TO STA. 18+26.67 "PR-A-1"



ROGERS ROAD TYPICAL SECTION (LOOKING EAST)

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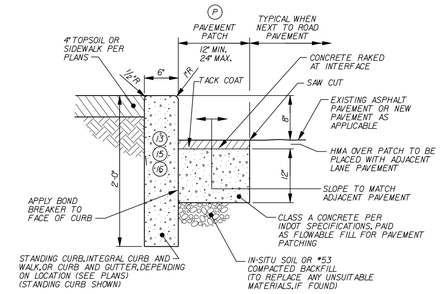
STA. 18+26.67 "PR-A-1" TO STA. 19+49.12 "PR-A-1"

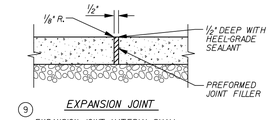


P PAVEMENT PATCH AT CURBS DETAIL

NTS

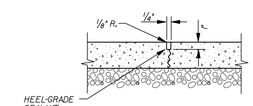
NOTES:

1. AREA BEHIND CURBS TO RECEIVE TREATMENT AS SHOWN ON PLANS.
2. REFER TO CURB JOINTS NOTES FOR CURB JOINTING.
3. PAVEMENT PATCHING MAY NOT BE REQUIRED IF EXISTING PAVEMENT CAN BE REMOVED TO A CLEAN AND STRAIGHT EDGE AT FRONT OF PROPOSED CURB OR GUTTER. CITY APPROVAL IS REQUIRED.
4. PAVEMENT PATCHING REQUIRED WHEREVER EXISTING PAVEMENT MUST BE REPAIRED OR REPLACED NEXT TO REQUIRED CURB, DRIVE OR SIDEWALK WORK.



9 EXPANSION JOINT

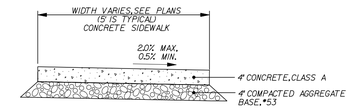
EXPANSION JOINT MATERIAL SHALL BE "ZIP-STRIP" EXPANSION MATERIAL WITH REMOVABLE CAP BY GREENSTREAK OR APPROVED EQUAL.



CONTRACTION JOINT

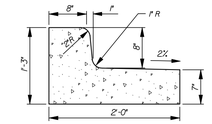
JOINT IN CONCRETE SIDEWALKS

NTS



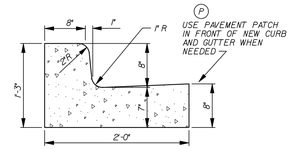
F TYPICAL SIDEWALK DETAIL

NTS



16 REVERSE SLOPED COMBINED CURB AND GUTTER

NTS



15 COMBINED CURB AND GUTTER DETAIL

NTS

SIDEWALK JOINT NOTES:

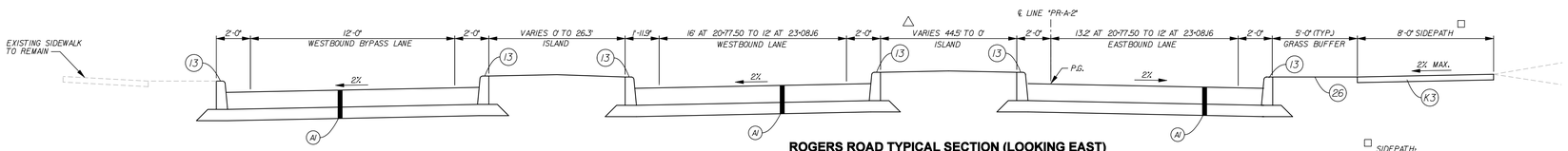
1. INSTALL 1/2" PREFORMED JOINT FILLER BETWEEN SIDEWALKS AND ANY OTHER FIXED FEATURES (CURBS, STEPS, RAMPS, BUILDINGS, ETC.)
2. IN EACH SIDEWALK SEGMENT, TOOL CONSTRUCTION JOINTS AT EVEN SPACING BUT NO MORE THAN 6' MAXIMUM APART. INSTALL AN EXPANSION JOINT WITH 1/2" PREFORMED JOINT FILLER AT A MAXIMUM SPACING EVERY 30' IN SIDEWALKS, AND AT EACH SIDEWALK CONNECTION TO OTHER SIDEWALKS, AT CURBS, AND AT RAMPS.

CURB JOINTS NOTE:

1. ALL CURBS SHALL RECEIVE A FULL DEPTH EXPANSION JOINT FORMED WITH 1/2" PREFORMED JOINT FILLER AT THE FOLLOWING LOCATIONS:
   - EVERY EXPANSION JOINT IN ADJACENT SIDEWALKS OR MEDIAN BUFFER STRIP
   - AT EACH RADIUS POINT AND AT START/END OF DRIVES
   - ON EITHER SIDE OF CURB INLETS OR OTHER CASTINGS
   - AT SAWCUT LIMITS OF REMOVAL TO ANY EXISTING CURB
   - AT 100' MAXIMUM INTERVALS, IF NO OTHER JOINTS NEEDED
2. CURBS & COMBINED CURB AND GUTTER SHALL RECEIVE A TOOLED CONTRACTION JOINT AT 20' MAXIMUM SPACING.

CURB RAMPS AND TRUNCATED DOMES:

1. RAMPS TO BE CONSTRUCTED AT A MAXIMUM 12:1 SLOPE TO A LANDING AREA FOR ENTRY ONTO ROADWAY PER PLANS.
2. RAMPS ARE TO RECEIVE DETECTABLE WARNING PLATES. PER CITY STANDARDS, PLATES SHALL BE EAST JORDAN IRON WORKS, MODEL #7005. INSTALL PER MANUFACTURER'S SPECIFICATIONS.



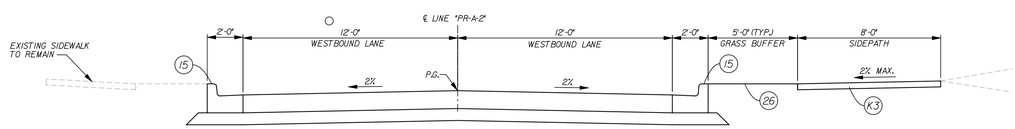
ROGERS ROAD TYPICAL SECTION (LOOKING EAST)

NTS

STA. 20+77.50 "PR-A-2" TO STA. 23+08.16 "PR-A-2"

□ SIDEPATH: STA. 18+73.29 "PR-A-1" TO STA. 24+26.03 "A"

△ ISLAND: STA. 20+77.50 "PR-A-1" TO STA. 21+82.07 "PR-A-1"

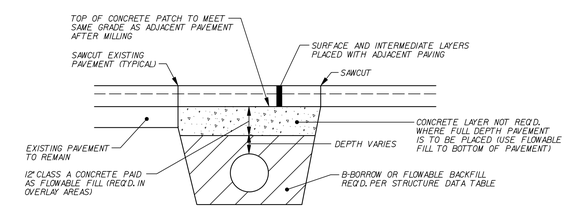


ROGERS ROAD TYPICAL SECTION (LOOKING EAST)

NTS

STA. 23+08.16 "PR-A-2" TO STA. 24+26.03 "A"

○ VARIES 12' TO 24' STA. 23+75.08 "PR-A-2" TO STA. 24+26.03 "A"



PAVEMENT PATCHING OVER PIPES

NTS

PAVEMENT SECTIONS:

- A1 CONCRETE PAVEMENT (TO BE DETERMINED)
- K1 FULL DEPTH PAVEMENT FOR ARTERIAL ROAD (TO BE DETERMINED)
- K2 FULL DEPTH PAVEMENT FOR MINOR LOCAL ROAD (TO BE DETERMINED)
- R1 RESURFACING SECTIONS (TO BE DETERMINED)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONAL SCALE: N/A	BRIDGE FILE: N/A
		VERTICAL SCALE: N/A	DESIGNATION: 0900213
DESIGNED: BR / DRAWN: SI	TYPICAL CROSS SECTIONS AND PAVING DETAILS	SURVEY BOOK	SHEETS: 3 of 31
CHECKED: X / CHECKED: BR		CONTRACT	PROJECT: 0900213

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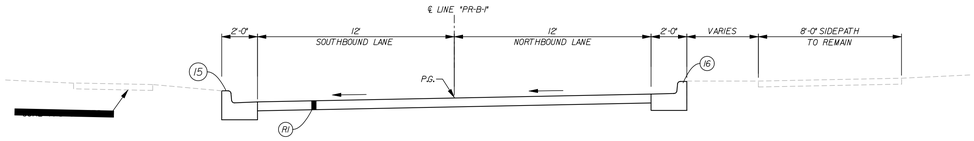
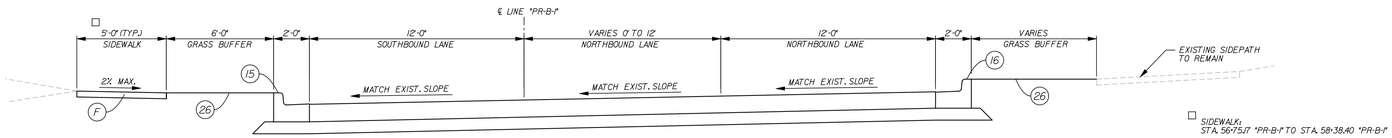


SARE ROAD TYPICAL SECTION (LOOKING NORTH)

NTS

STA. 54+15.00 "B" TO STA. 54+53.36 "PR-B-1"
STA. 54+53.36 "PR-B-1" TO STA. 54+86.24 "PR-B-1"



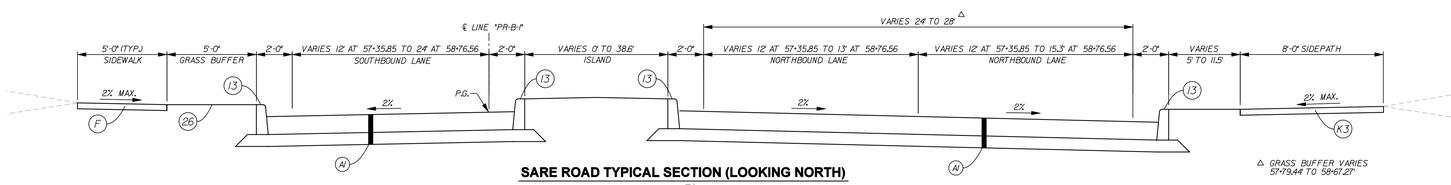
□ SIDEWALK:
STA. 56+75.11 "PR-B-1" TO STA. 58+38.40 "PR-B-1"

OTHERWISE EXISTING SIDEWALK TO REMAIN

SARE ROAD TYPICAL SECTION (LOOKING NORTH)

NTS

STA. 54+86.24 "PR-B-1" TO STA. 57+35.85 "PR-B-1"

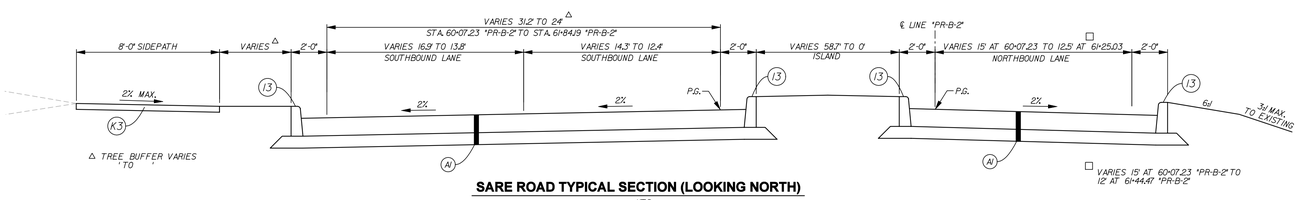


△ GRASS BUFFER VARIES
57+79.44 TO 58+67.27"

SARE ROAD TYPICAL SECTION (LOOKING NORTH)

NTS

STA. 57+35.85 "PR-B-1" TO STA. 58+76.56 "PR-B-1"



△ TREE BUFFER VARIES
' TO '

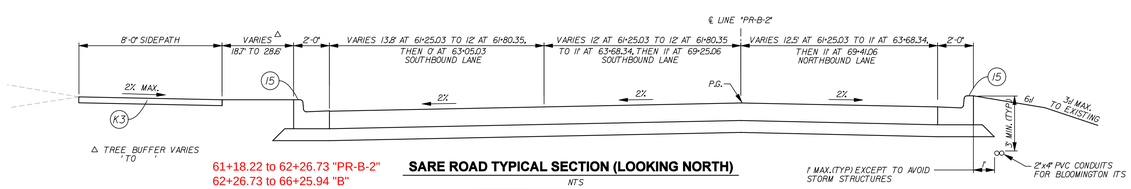
□ VARIES 15' AT 60+07.23 "PR-B-2" TO
12' AT 61+44.41 "PR-B-2"

SARE ROAD TYPICAL SECTION (LOOKING NORTH)

NTS

STA. 60+07.23 "PR-B-2" TO STA. [redacted] "PR-B-2"

61+18.22



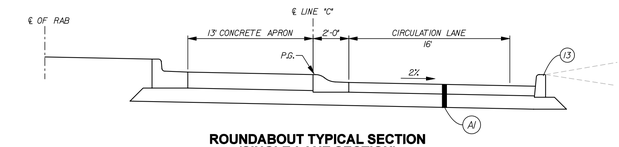
△ TREE BUFFER VARIES
' TO '

61+18.22 to 62+26.73 "PR-B-2"
62+26.73 to 66+25.94 "B"
66+25.94 to 69+32.33 "PR-B-2"

SARE ROAD TYPICAL SECTION (LOOKING NORTH)

NTS

[redacted]



ROUNDABOUT TYPICAL SECTION (SINGLE-LANE SECTION)

NTS

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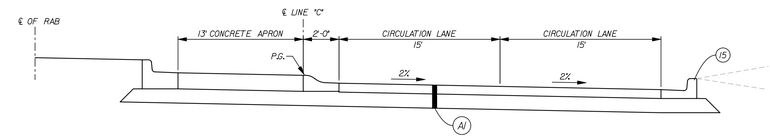
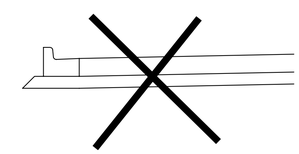
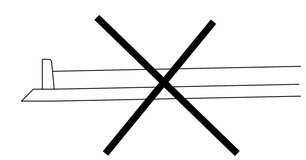


ROUNDABOUT TYPICAL SECTION (TWO-LANE SECTION)

NTS

STA. XXX "C" TO STA. XXX "C"





PAVEMENT SECTIONS:

- A1 — CONCRETE PAVEMENT (TO BE DETERMINED)
- K1 — FULL DEPTH PAVEMENT FOR ARTERIAL ROAD (TO BE DETERMINED)
- K2 — FULL DEPTH PAVEMENT FOR MINOR LOCAL ROAD (TO BE DETERMINED)
- R1 — RESURFACING SECTIONS (TO BE DETERMINED)

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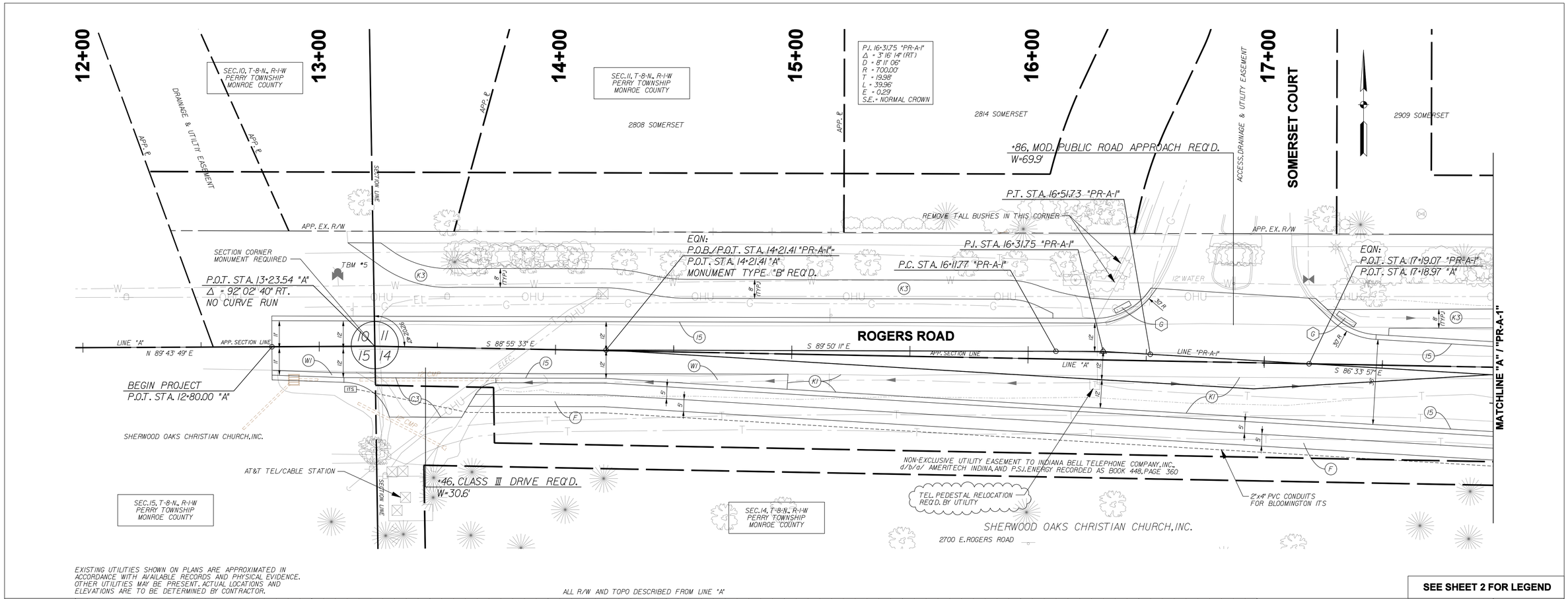
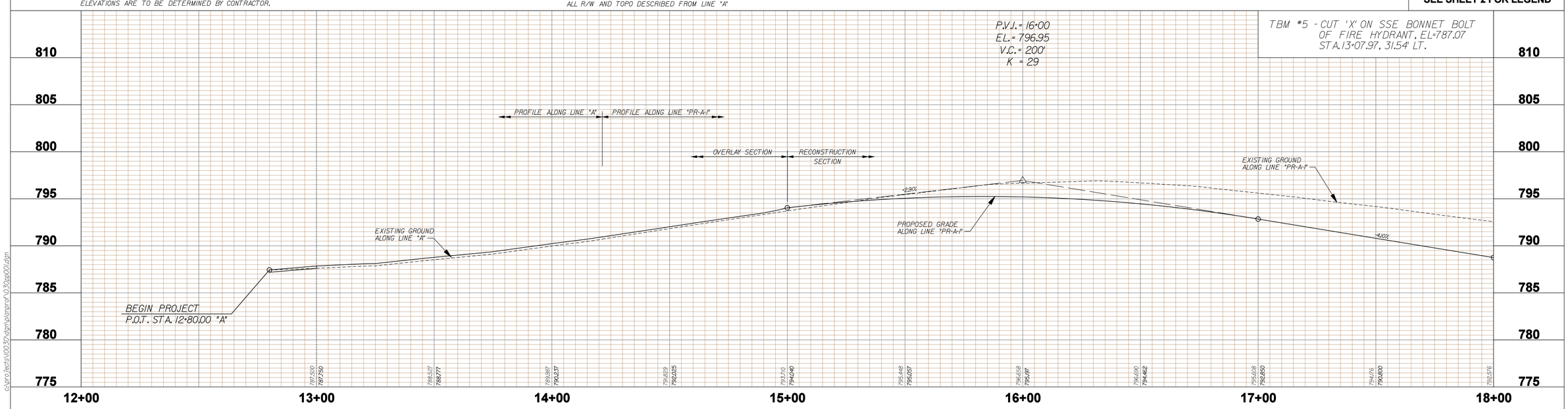
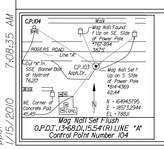
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONAL SCALE: N/A; BRIDGE FILE: N/A; VERTICAL SCALE: N/A; DESIGNATION: 0900213
DESIGNED: BR	DRAWN: SI	TYPICAL CROSS SECTIONS AND PAVING DETAILS	SURVEY BOOK; SHEETS: 4 of 31
CHECKED: X	CHECKED: BR		CONTRACT; PROJECT: 0900213







RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: BR	DRAWN: SI
CHECKED: X	CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINES "A" / "PR-A-1"

HORIZONAL SCALE 1" = 20'-0"	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'-0"	DESIGNATION 0900213
SURVEY BOOK	SHEETS 5 of 31
CONTRACT	PROJECT 0900213

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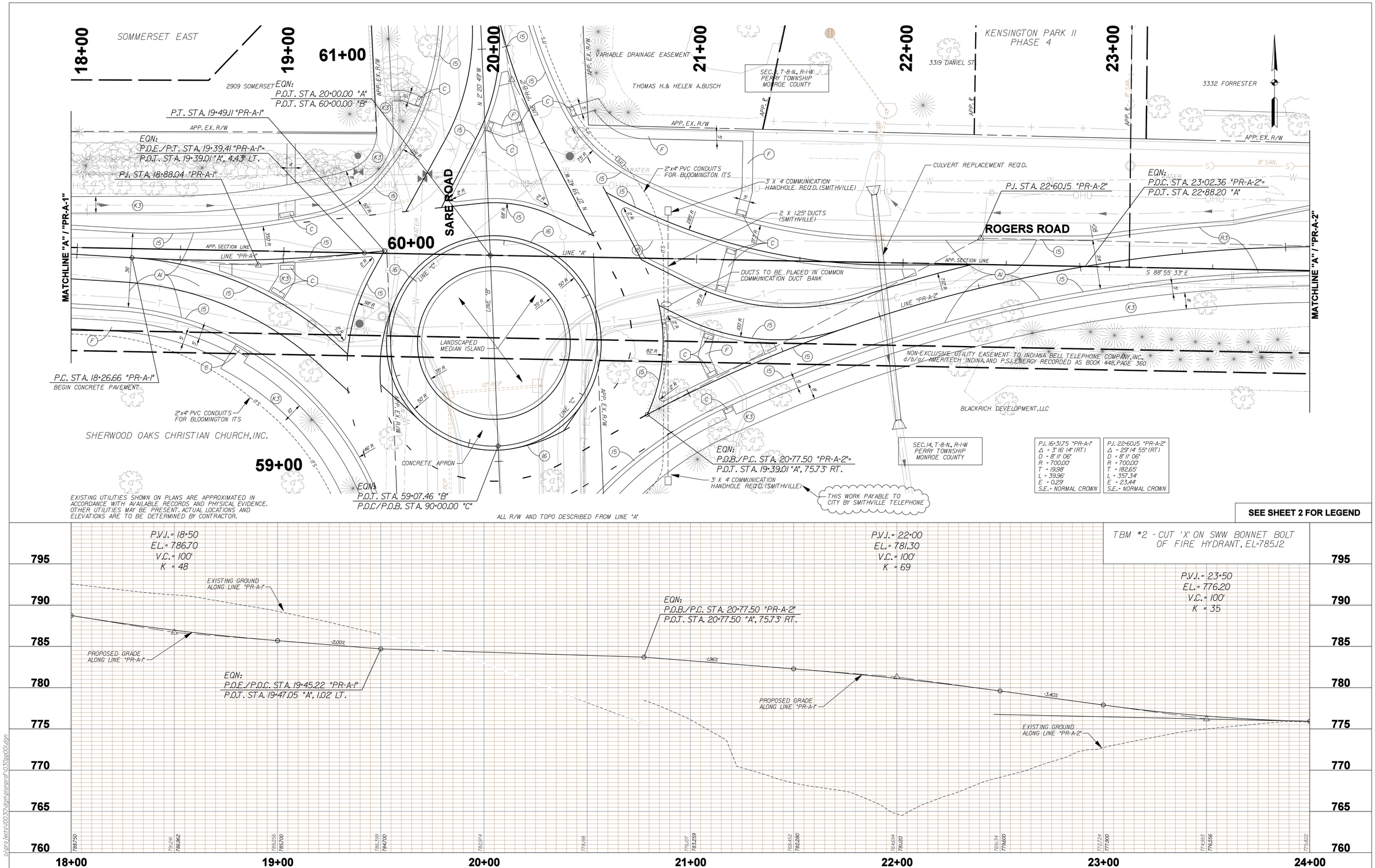

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: BR / DRAWN: SI	PLAN AND PROFILE LINES "PR-A-1", "PR-A-2"
CHECKED: X / CHECKED: BR	

HORIZONAL SCALE	BRIDGE FILE
1" = 20'-0"	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	6 of 31
CONTRACT	PROJECT
	0900213

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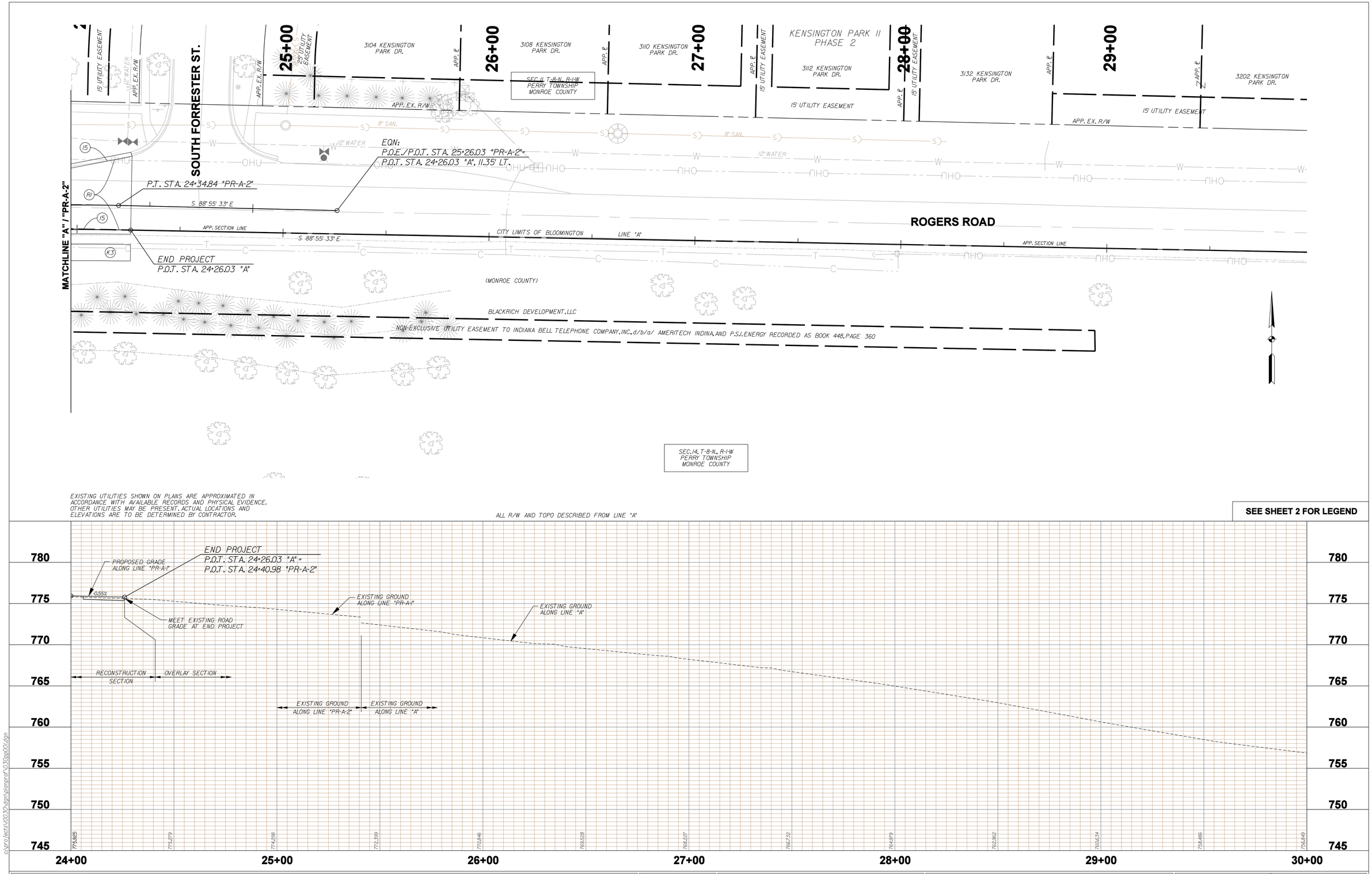

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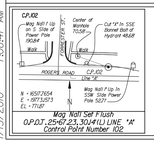


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

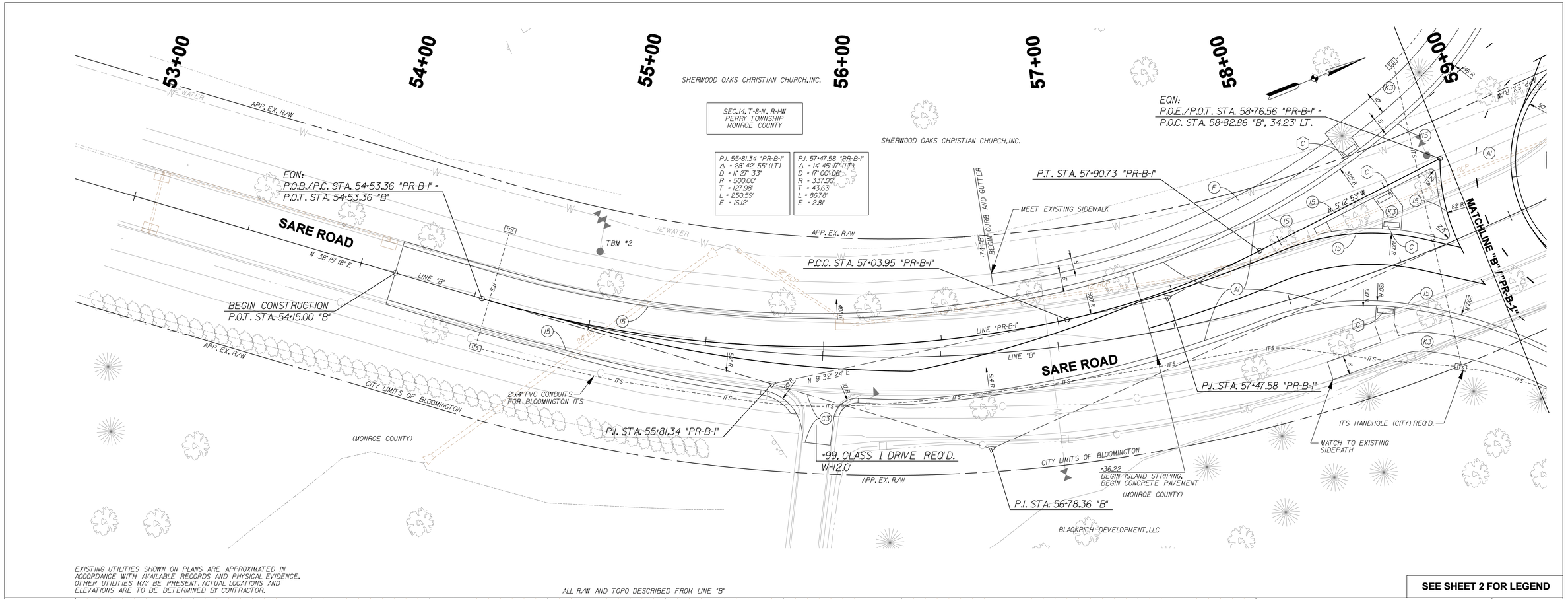
DESIGNED: BR DRAWN: SI

CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINES "PR-A-2" / "A"

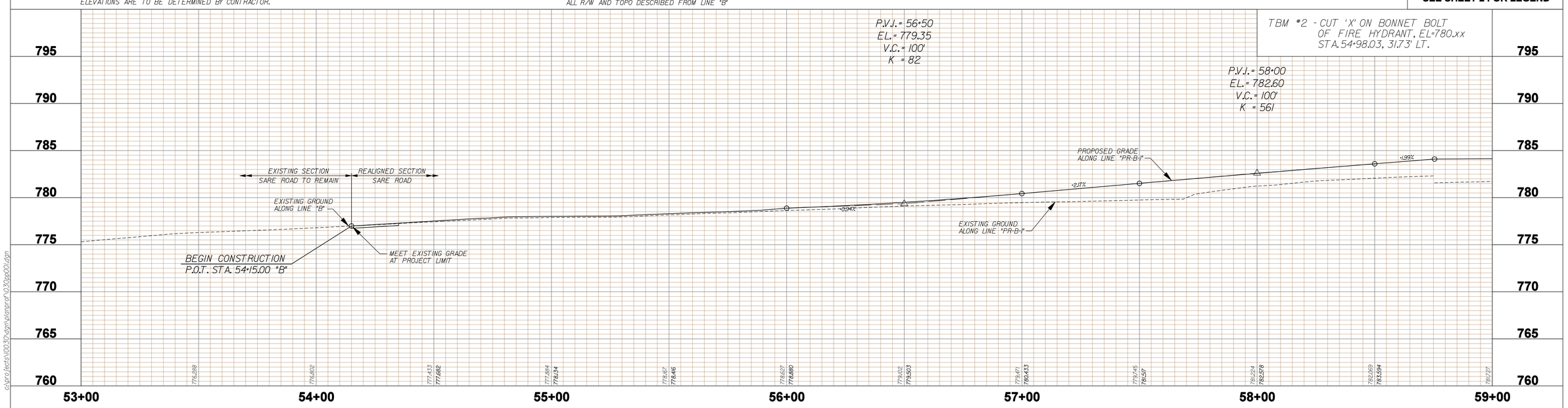
HORIZONAL SCALE	BRIDGE FILE
1" = 20'-0"	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	7 of 31
CONTRACT	PROJECT
	0900213

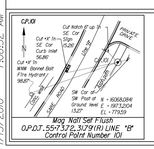


EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATED IN ACCORDANCE WITH AVAILABLE RECORDS AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY BE PRESENT. ACTUAL LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.

ALL R/W AND TOPO DESCRIBED FROM LINE "B"

SEE SHEET 2 FOR LEGEND





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: BR | DRAWN: SI

CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINES "B" / "PR-B-1"

HORIZONAL SCALE	BRIDGE FILE
1" = 20'-0"	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	8 of 31
CONTRACT	PROJECT
	0900213

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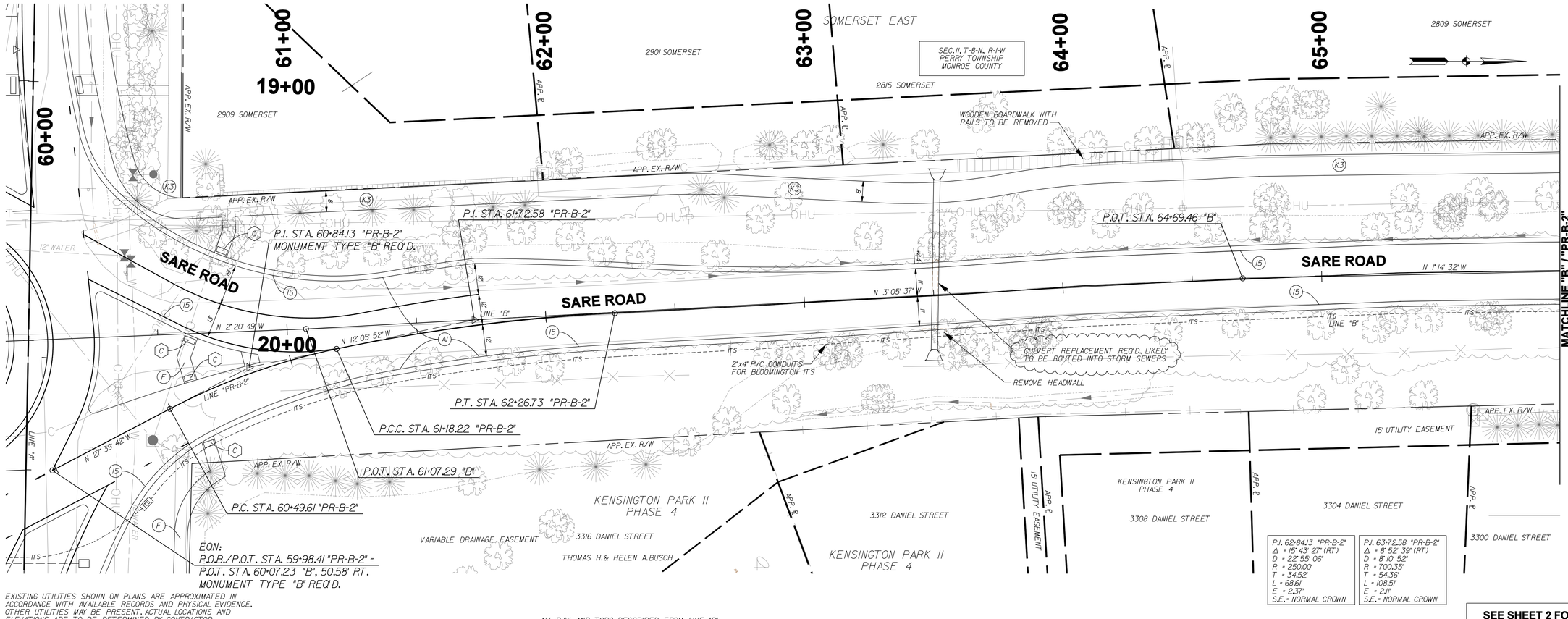

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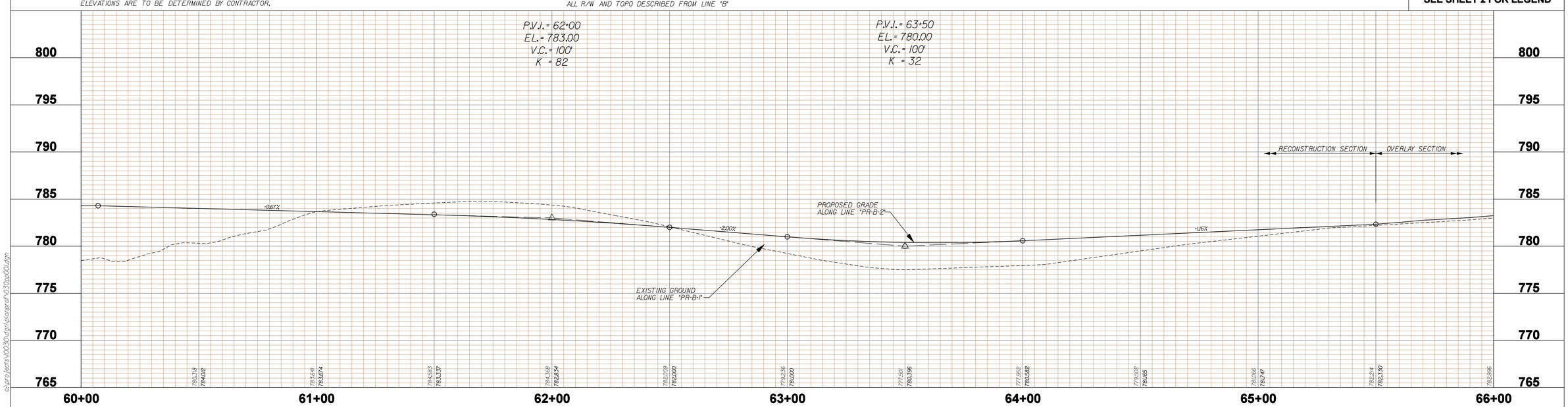
ALL R/W AND TOPO DESCRIBED FROM LINE "B"



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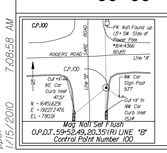


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

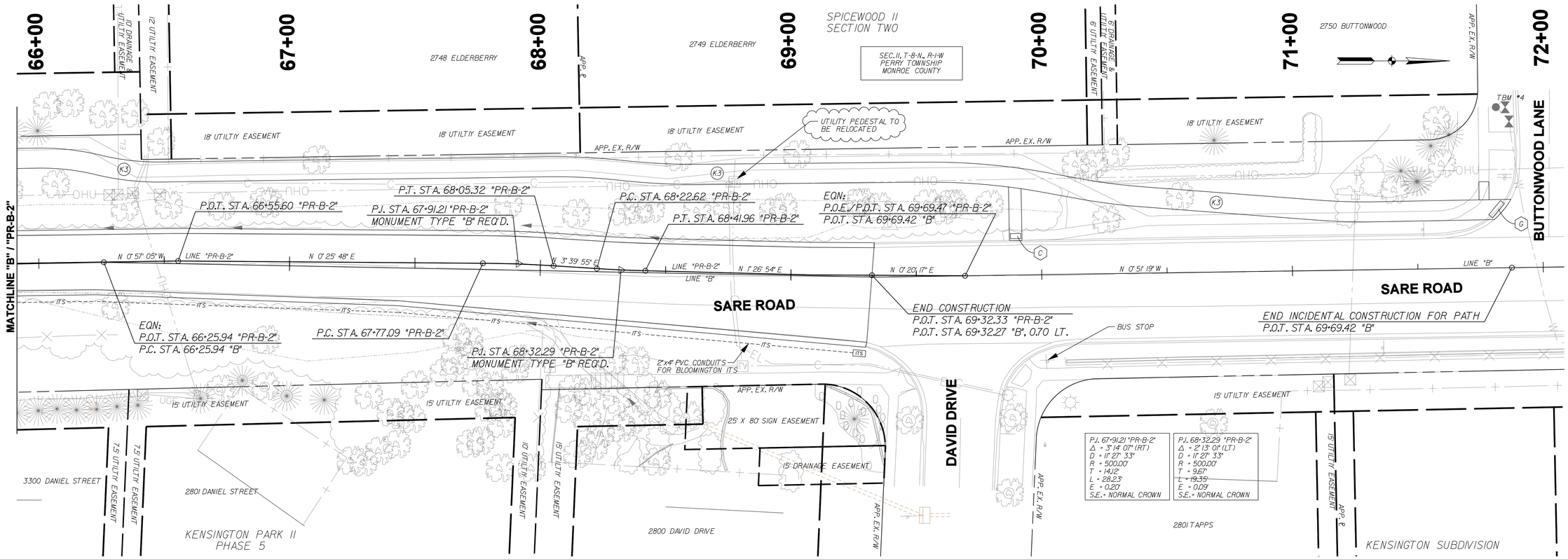
DESIGNED: BR DRAWN: SI

CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINES "PR-B-2"

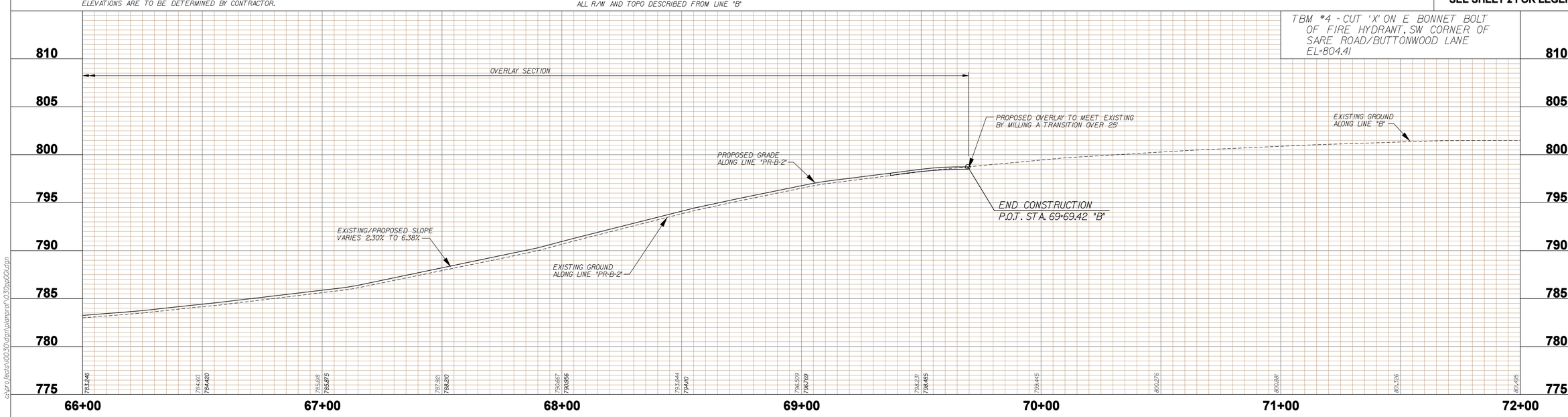
HORIZONAL SCALE	BRIDGE FILE
1" = 20'-0"	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	9 of 31
CONTRACT	PROJECT
	0900213

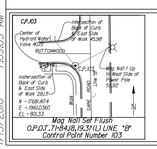


EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATED IN ACCORDANCE WITH AVAILABLE RECORDS AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY BE PRESENT. ACTUAL LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.

ALL R/W AND TOPO DESCRIBED FROM LINE "B"

SEE SHEET 2 FOR LEGEND





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONAL SCALE: 1" = 20'-0" / BRIDGE FILE: N/A
			VERTICAL SCALE: 1" = 5'-0" / DESIGNATION: 0900213
DESIGNED: BR	DRAWN: SI	PLAN AND PROFILE LINES "PR-B-2" / "B"	SURVEY BOOK: / SHEETS: 10 of 31
CHECKED: X	CHECKED: BR		CONTRACT: / PROJECT: 0900213

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18+00
19+00
20+00
21+00
22+00
23+00
61+00
60+00
59+00
58+00

P.O.T. STA. 61+07.29 "B"
P.J. STA. 60+84.13 "PR-B-2"
MONUMENT TYPE "B" REQ'D.

P.C.C. STA. 61+18.22 "PR-B-2"

SOMMERSET EAST
2909 SOMERSET

THOMAS H.& HELEN A.BUSCH

VARIABLE DRAINAGE EASEMENT
P.C. STA. 60+49.61 "PR-B-2"

SEC.11, T-8-N., R-1-W
PERRY TOWNSHIP
MONROE COUNTY

KENSINGTON PARK II
PHASE 4
3319 DANIEL ST.
3332 FORRESTER

EQN:
P.O.T. STA. 20+00.00 "A"
P.O.T. STA. 60+00.00 "B"

EQN:
P.O.B./P.O.T. STA. 59+98.41 "PR-B-2" =
P.O.T. STA. 60+07.23 "B", 50.58' RT.
MONUMENT TYPE "B" REQ'D.

P.T. STA. 19+49.11 "PR-A-1"

APP. EX. R/W

EQN:
P.O.E./P.T. STA. 19+39.41 "PR-A-1" =
P.O.T. STA. 19+39.01 "A", 4.43' LT.

P.J. STA. 18+88.04 "PR-A-1"

P.J. STA. 22+60.15 "PR-A-2"

EQN:
P.O.C. STA. 23+02.36 "PR-A-2" =
P.O.T. STA. 22+88.20 "A"

SECTION LINE
LINE "PR-A-1"
LINE "A"
LINE "PR-A-2"
LINE "B"
LINE "PR-B-1"

ROGERS ROAD
SARE ROAD

EQN:
P.C. STA. 18+24.38 "PR-A-1"
P.O.T. STA. 18+26.47 "A", 4.43' RT.

NON-EXCLUSIVE UTILITY EASEMENT TO INDIANA BELL TELEPHONE COMPANY,INC.d/b/a/
AMERITECH INDIANA AND P.S.I.ENERGY RECORDED AS BOOK 448,PAGE 360

BLACKRICH DEVELOPMENT,LLC

SHERWOOD OAKS CHRISTIAN CHURCH,INC.

EQN:
P.O.B./P.C. STA. 20+77.50 "PR-A-2" =
P.O.T. STA. 19+39.01 "A", 75.73' RT.

SEC.14, T-8-N., R-1-W
PERRY TOWNSHIP
MONROE COUNTY

EQN:
P.O.T. STA. 59+07.46 "B"
P.O.C/P.O.B. STA. 90+00.00 "C"

EQN:
P.O.E./P.O.T. STA. 58+76.56 "PR-B-1" =
P.O.C. STA. 58+82.86 "B", 34.23' LT.

FULL GRADING PLAN TO BE
DEVELOPED FOR STAGE 2 PLANS

P.T. STA. 57+90.73 "PR-B-1"

P.J. STA. 57+47.58 "PR-B-1"

EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATED IN ACCORDANCE WITH AVAILABLE RECORDS AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY BE PRESENT. ACTUAL LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.

ALL R/W AND TOPO DESCRIBED FROM LINE "A"

SEE SHEET 2 FOR LEGEND

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
AND GRADING PLAN

HORIZONAL SCALE	BRIDGE FILE
1" = 50'-0"	N/A
VERTICAL SCALE	DESIGNATION
	0900213
SURVEY BOOK	SHEETS
	11 of 31
CONTRACT	PROJECT
	0900213

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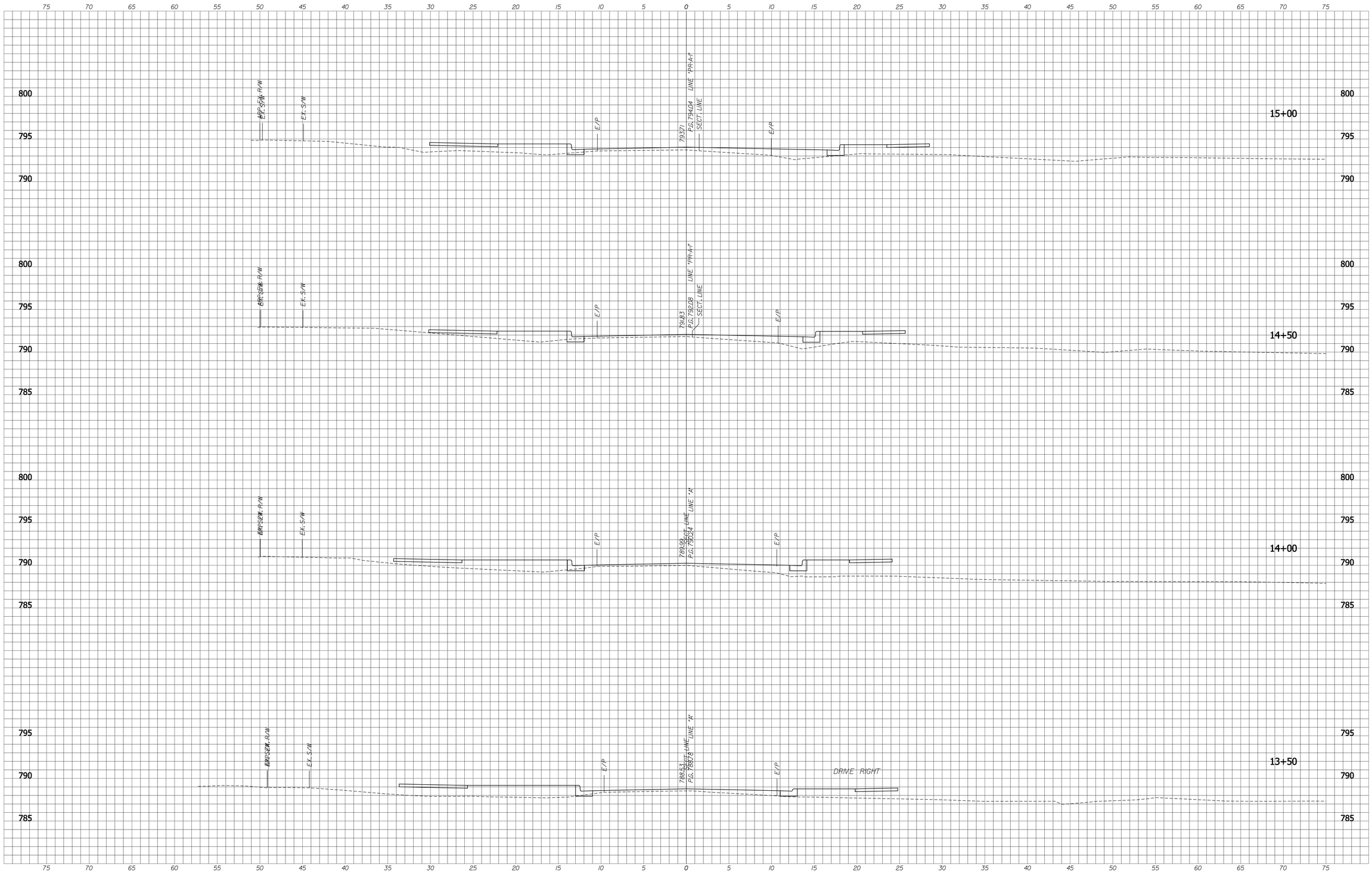

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
SEE PLANS AND STRUCTURE DATA TABLES FOR ACTUAL LOCATIONS.

PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	12 of 31
CONTRACT	PROJECT
	0900213

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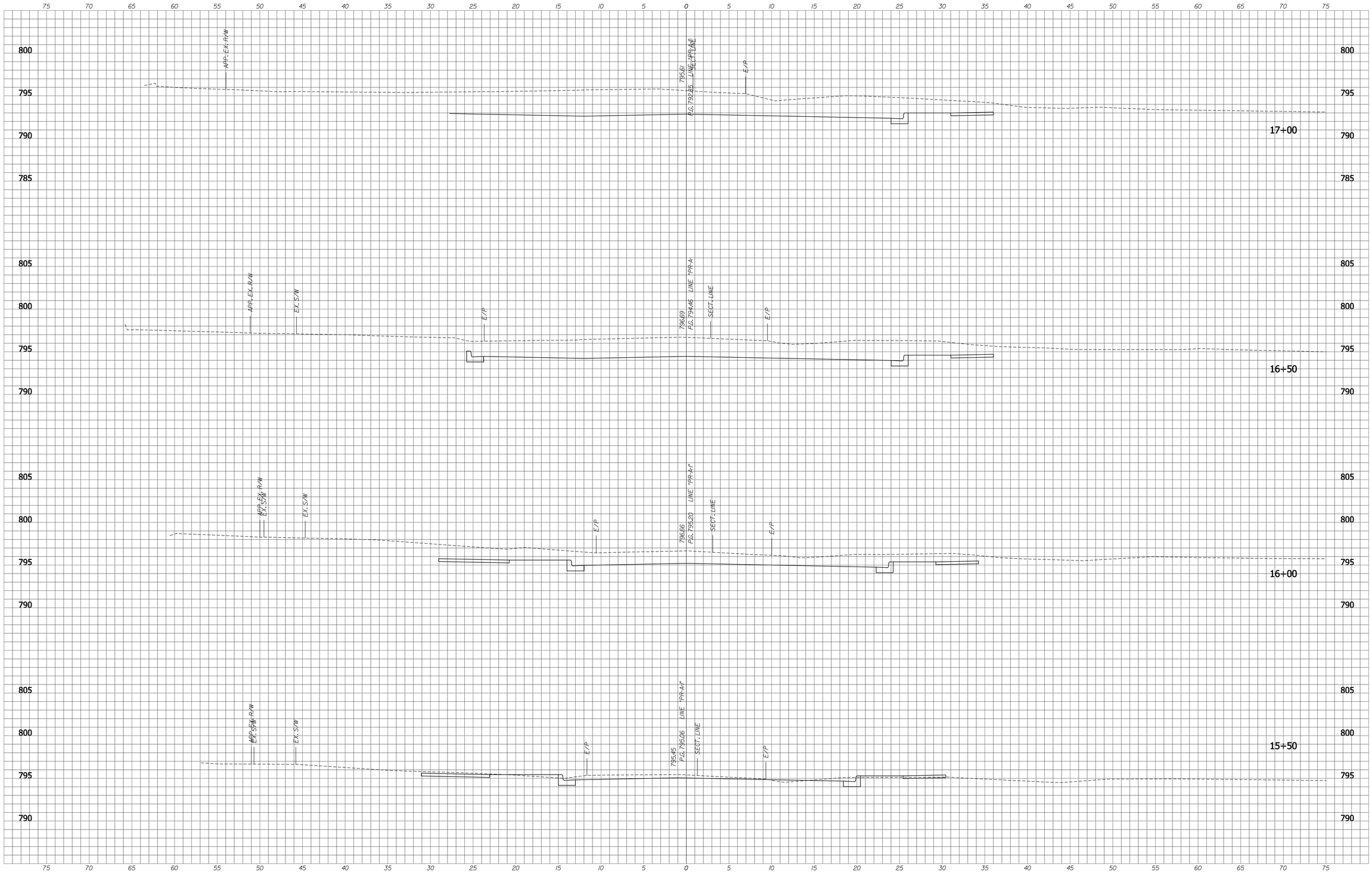

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
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PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	13 of 31
CONTRACT	PROJECT
	0900213

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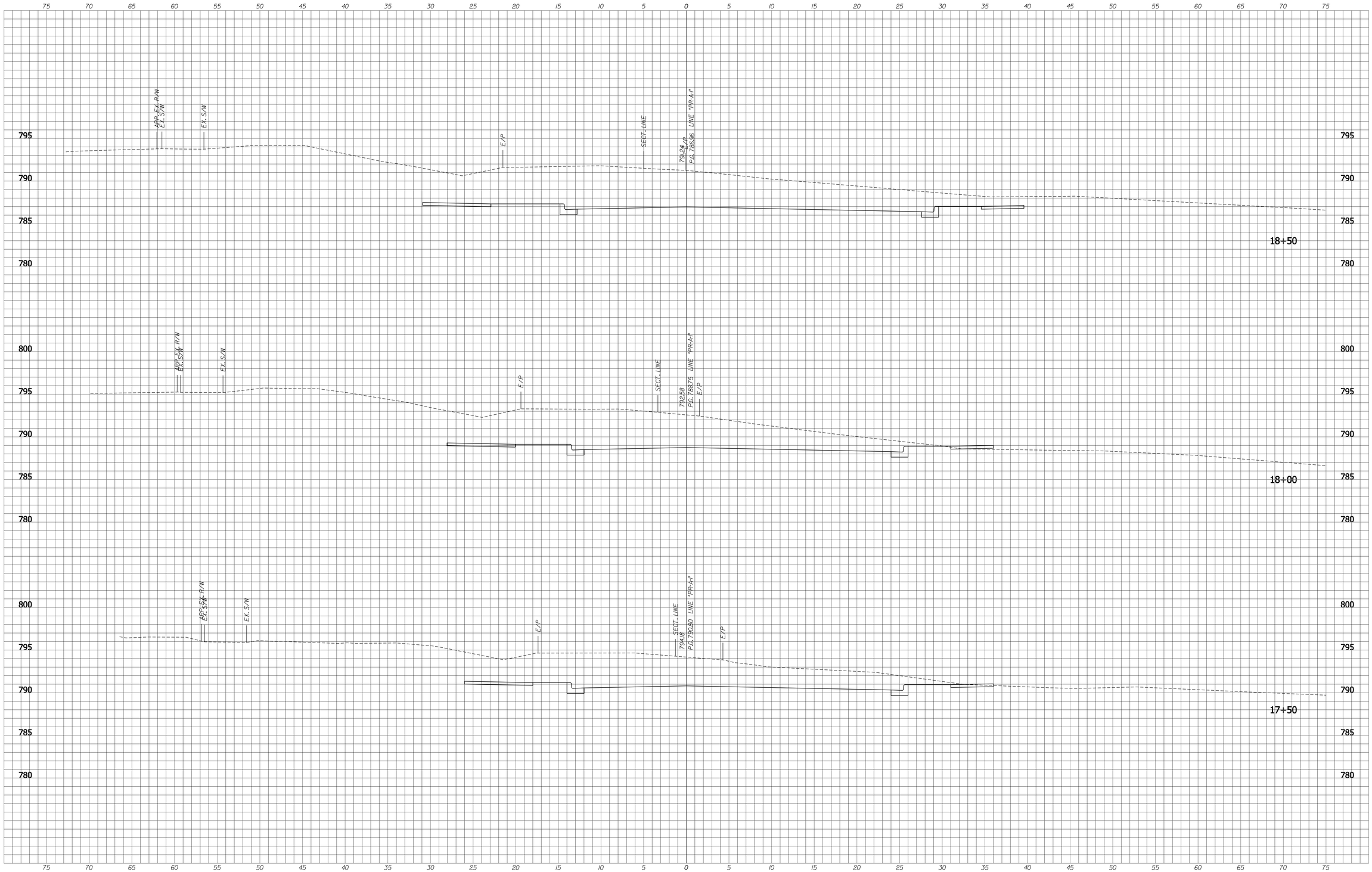

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
SEE PLANS AND STRUCTURE DATA TABLES FOR ACTUAL LOCATIONS.

PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	14 of 31
CONTRACT	PROJECT
	0900213

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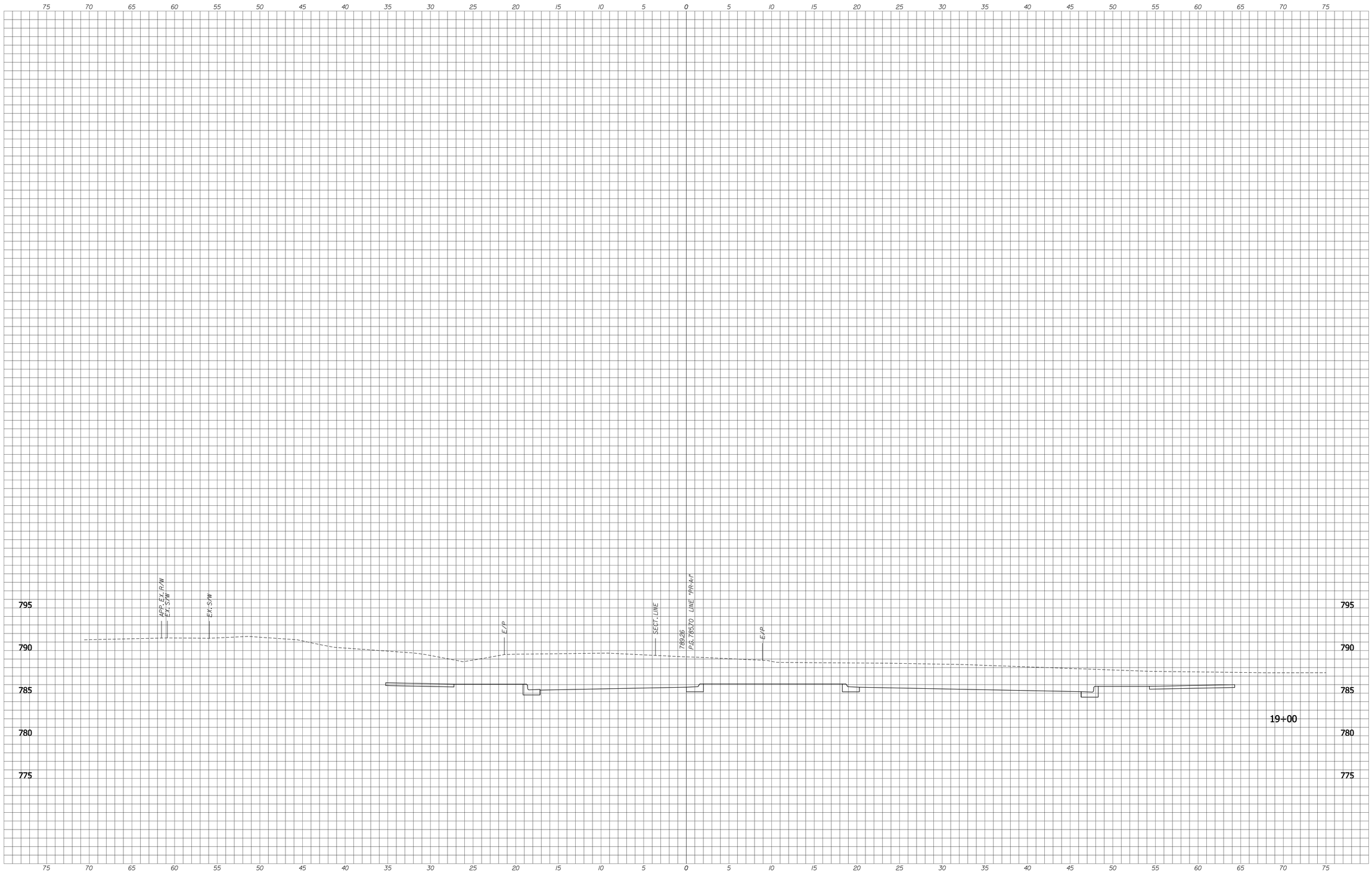

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
SEE PLANS AND STRUCTURE DATA TABLES FOR ACTUAL LOCATIONS.

PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	15 of 31
CONTRACT	PROJECT
	0900213

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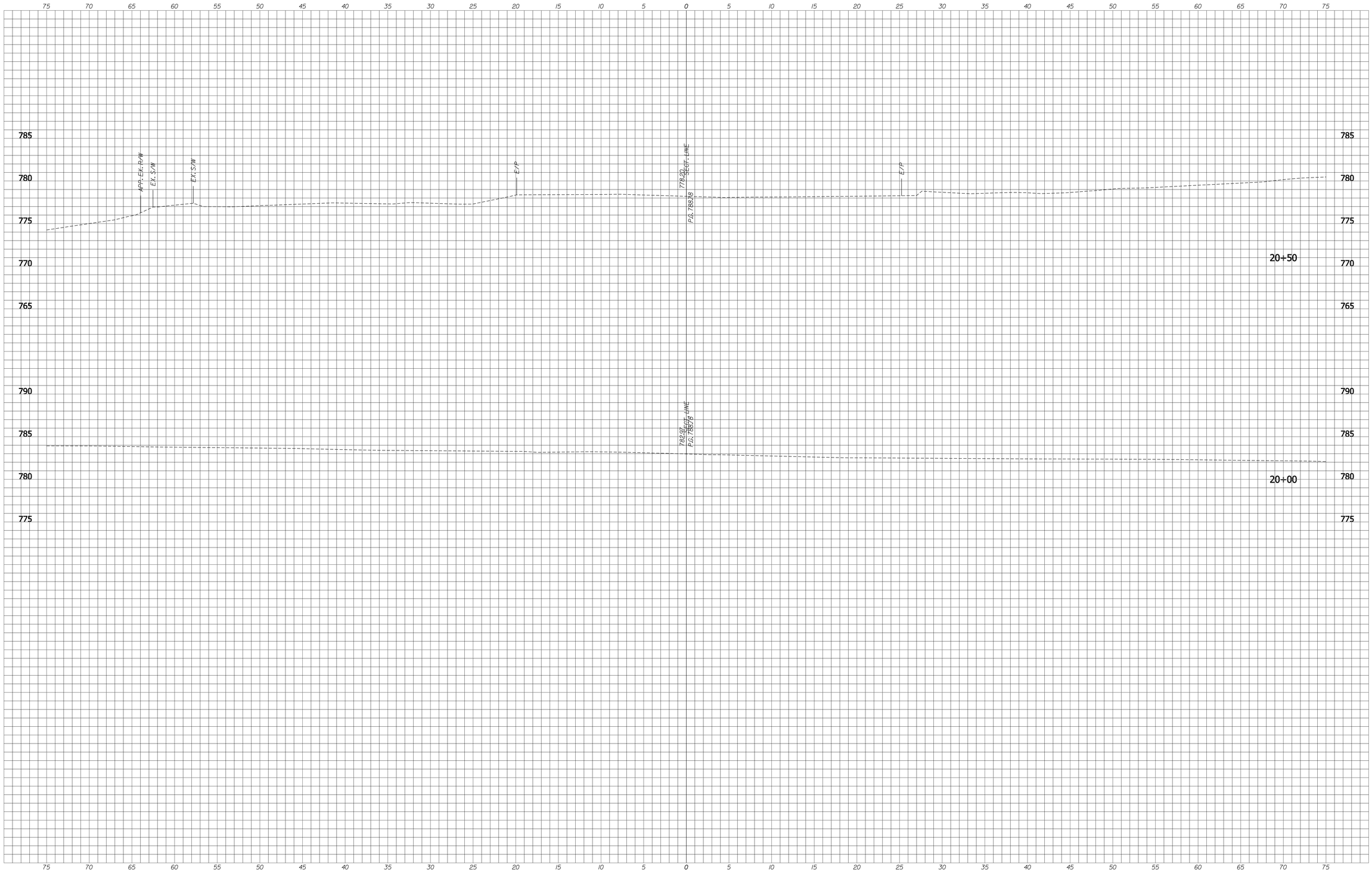

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
SEE PLANS AND STRUCTURE DATA TABLES FOR ACTUAL LOCATIONS.

PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	16 of 31
CONTRACT	PROJECT
	0900213

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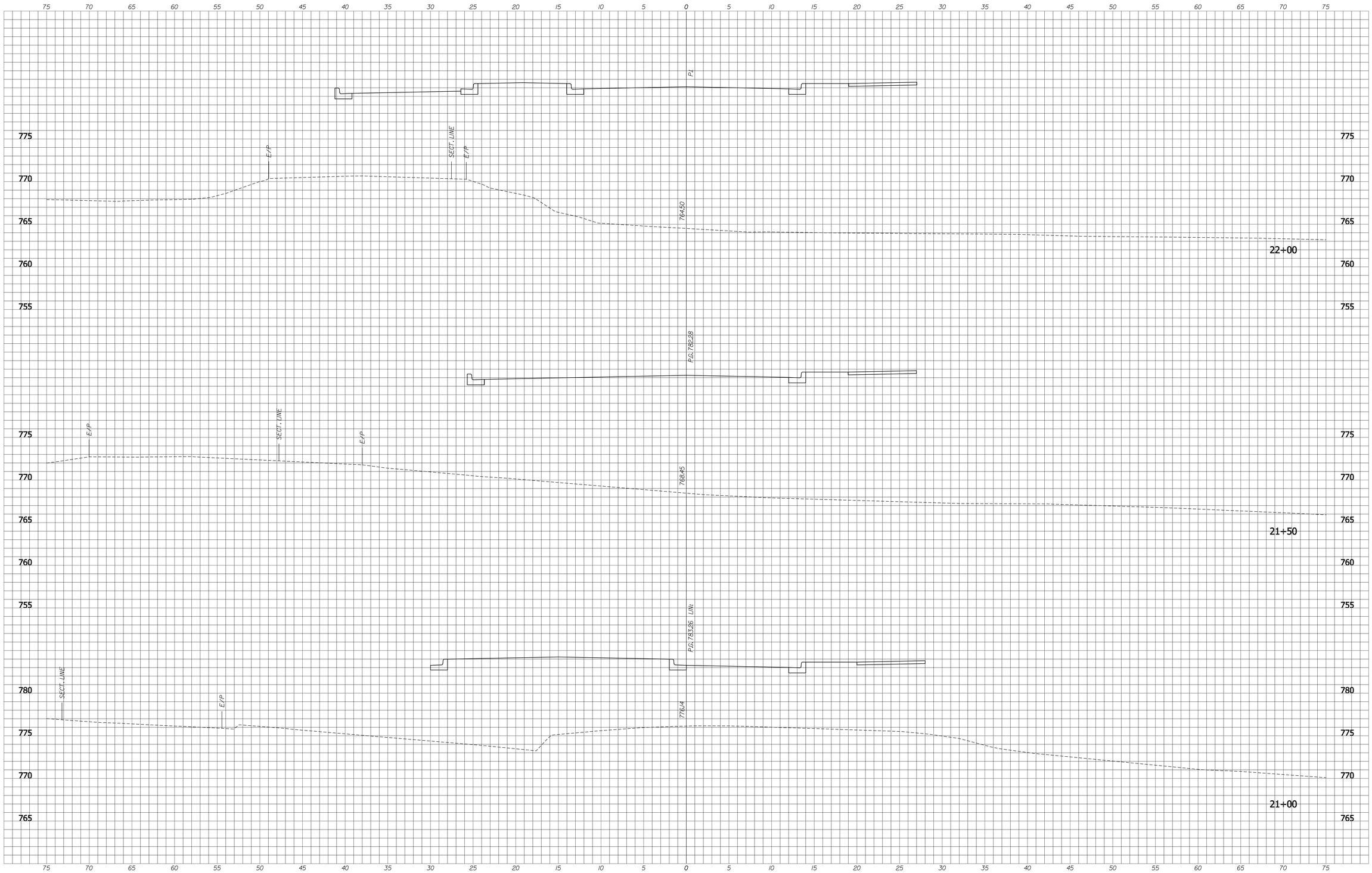

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
SEE PLANS AND STRUCTURE DATA TABLES FOR ACTUAL LOCATIONS.

PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	17 of 31
CONTRACT	PROJECT
	0900213

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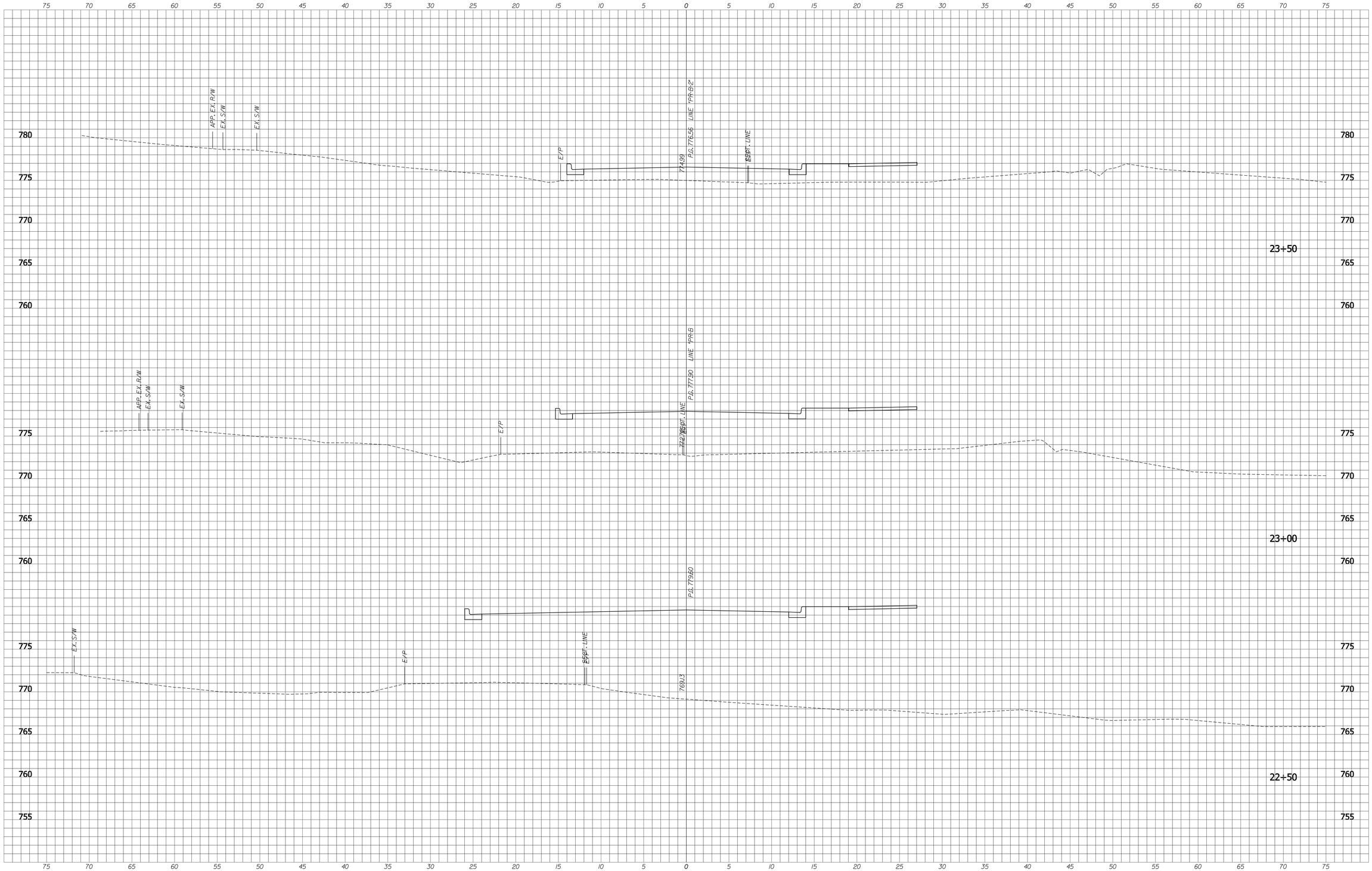

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PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	18 of 31
CONTRACT	PROJECT
	0900213

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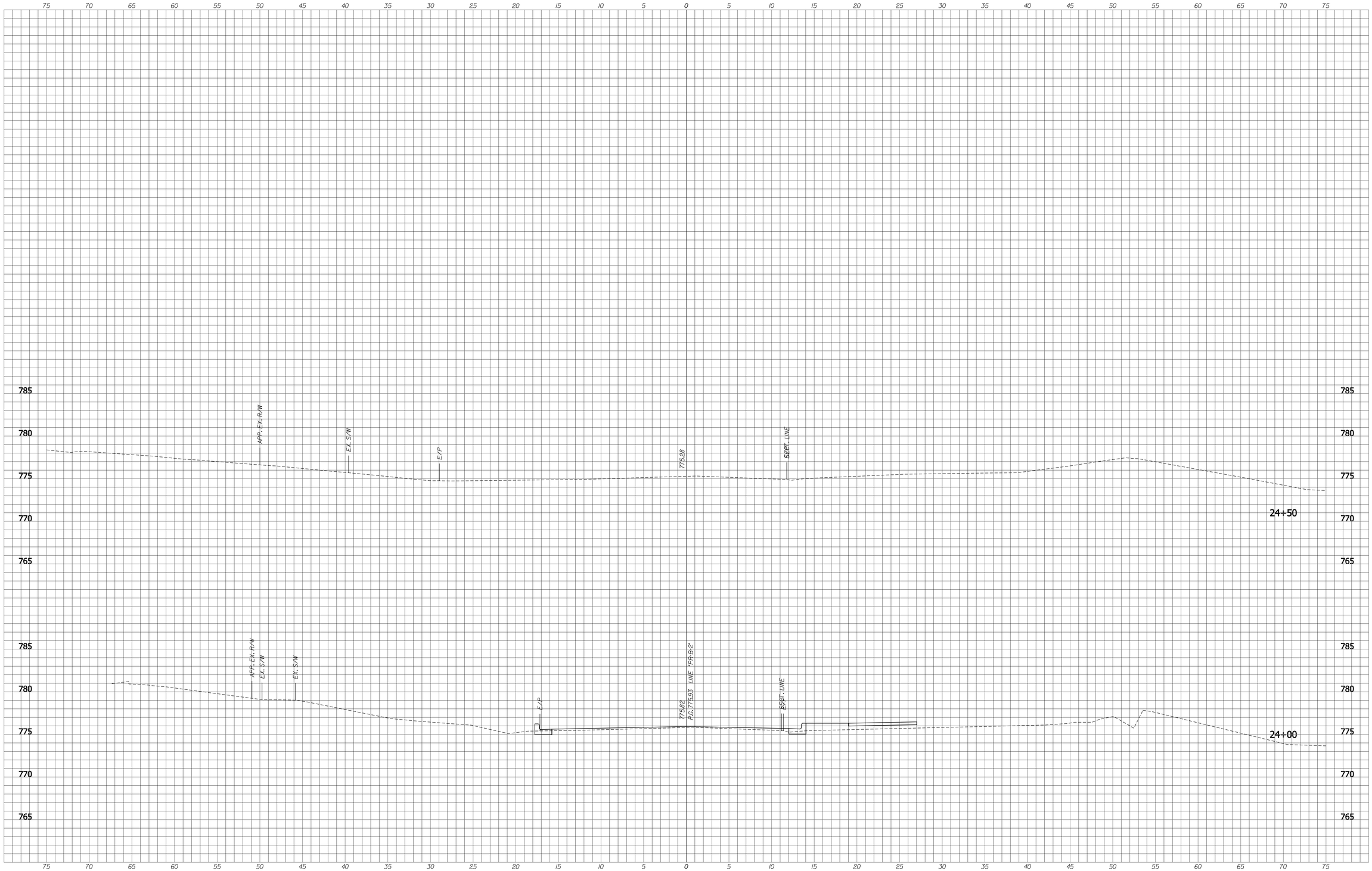

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A" WITH "PR-A-1" OR "PR-A-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	19 of 31
CONTRACT	PROJECT
	0900213

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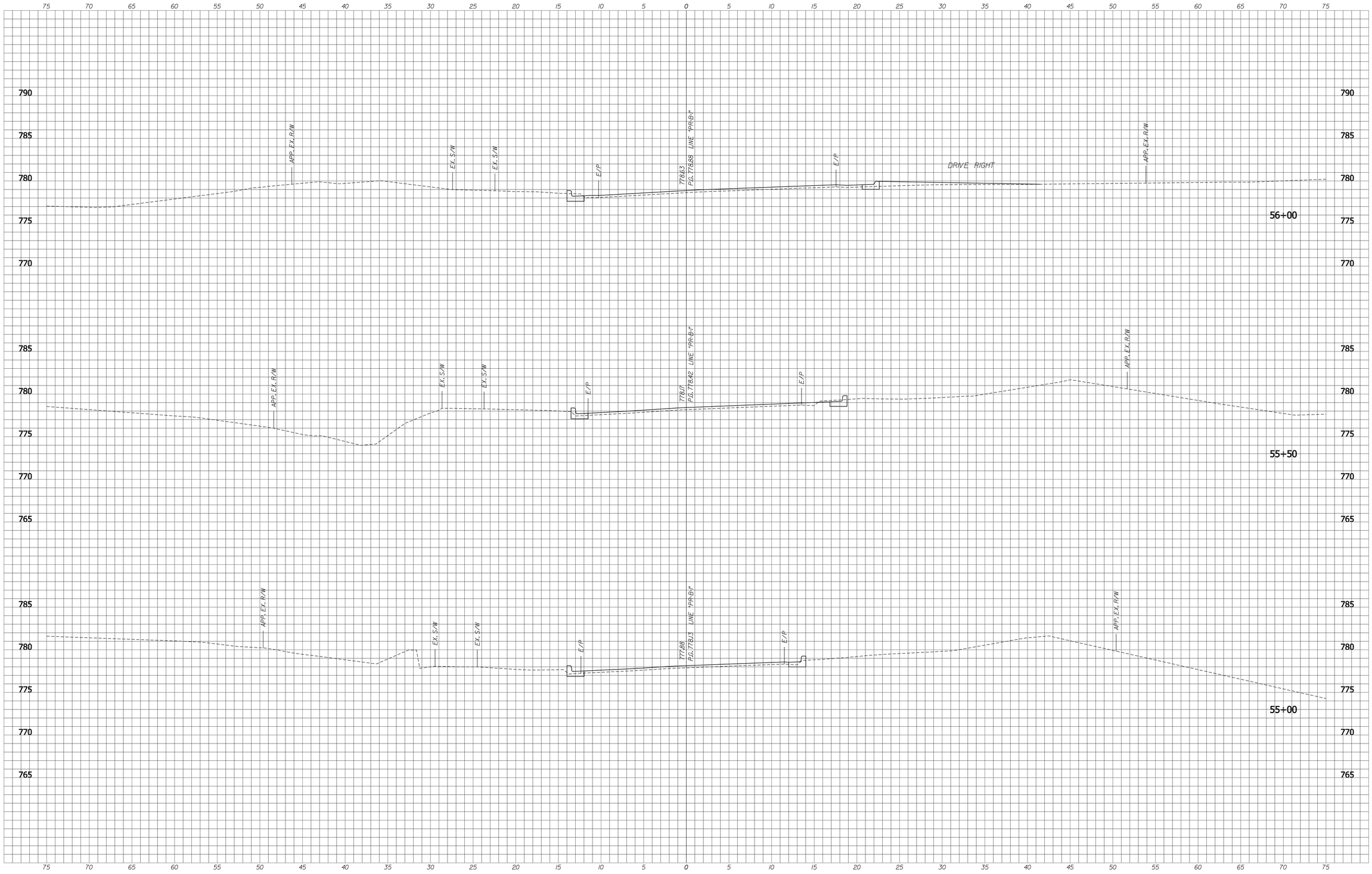

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
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PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	21 of 31
CONTRACT	PROJECT
	0900213

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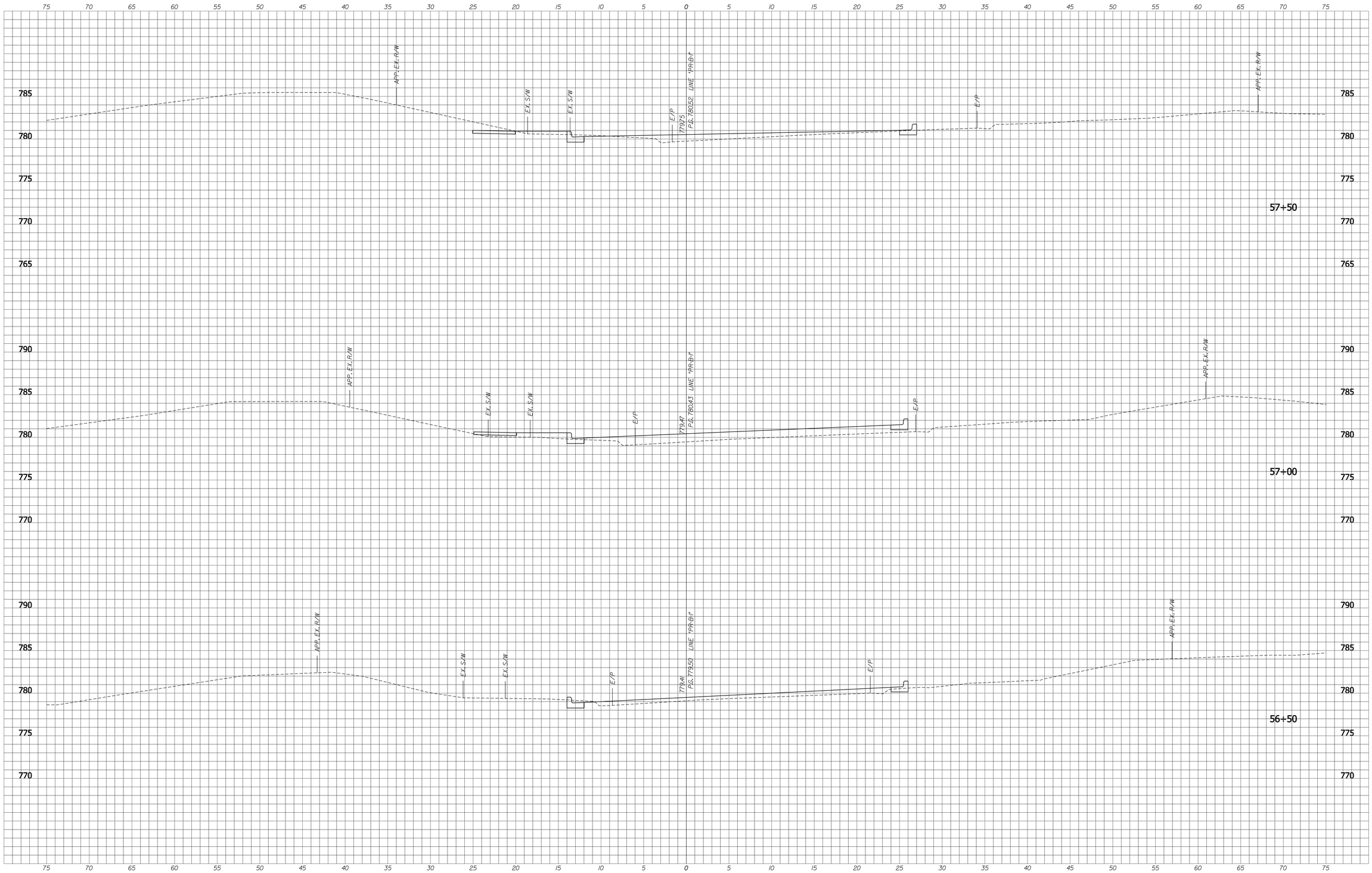

STORM SEWERS AND STRUCTURES ARE SHOWN AT THE NEAREST CROSS SECTION FOR INFORMATION ONLY.
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PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	22 of 31
CONTRACT	PROJECT
	0900213

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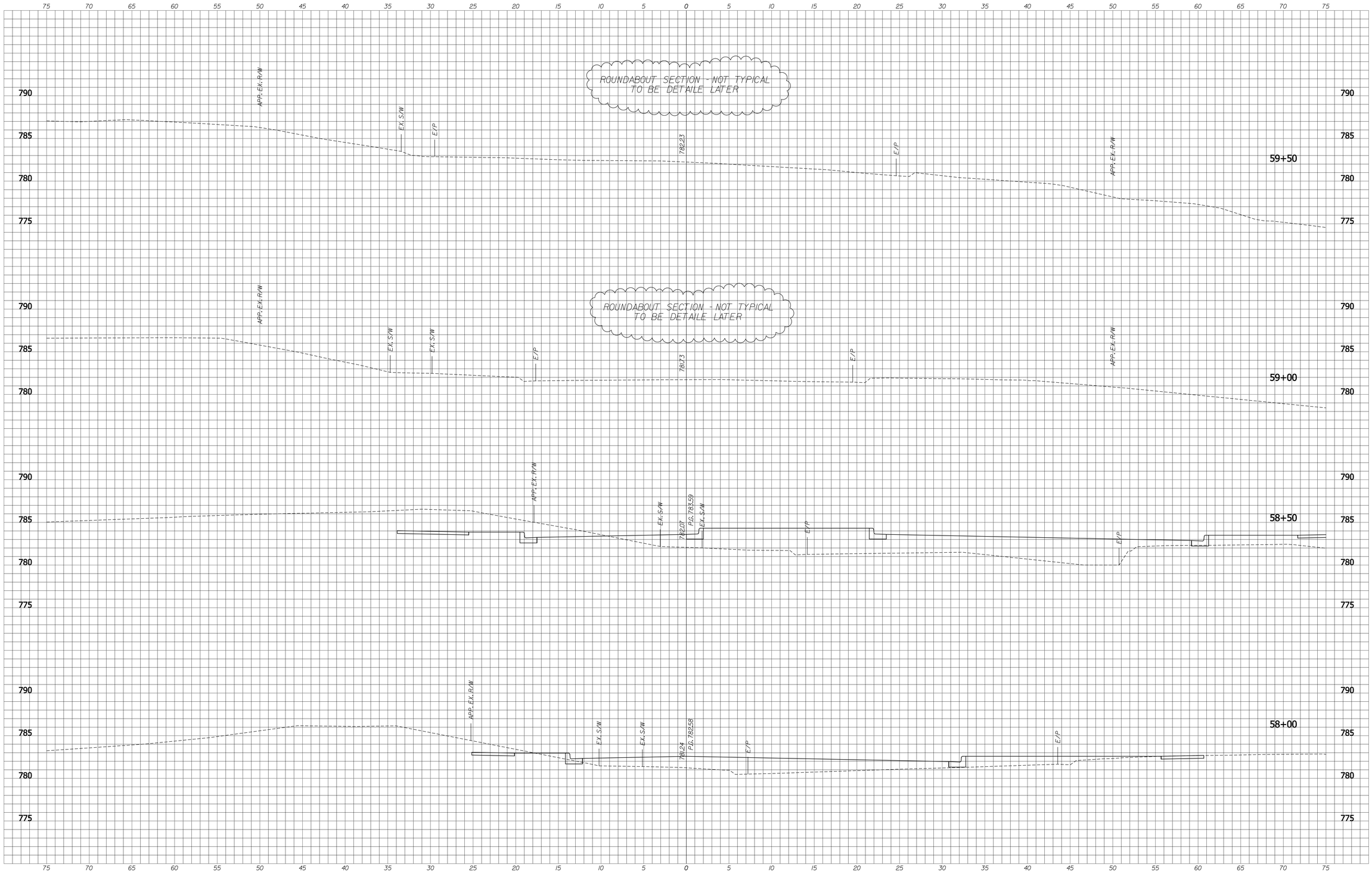

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	23 of 31
CONTRACT	PROJECT
	0900213

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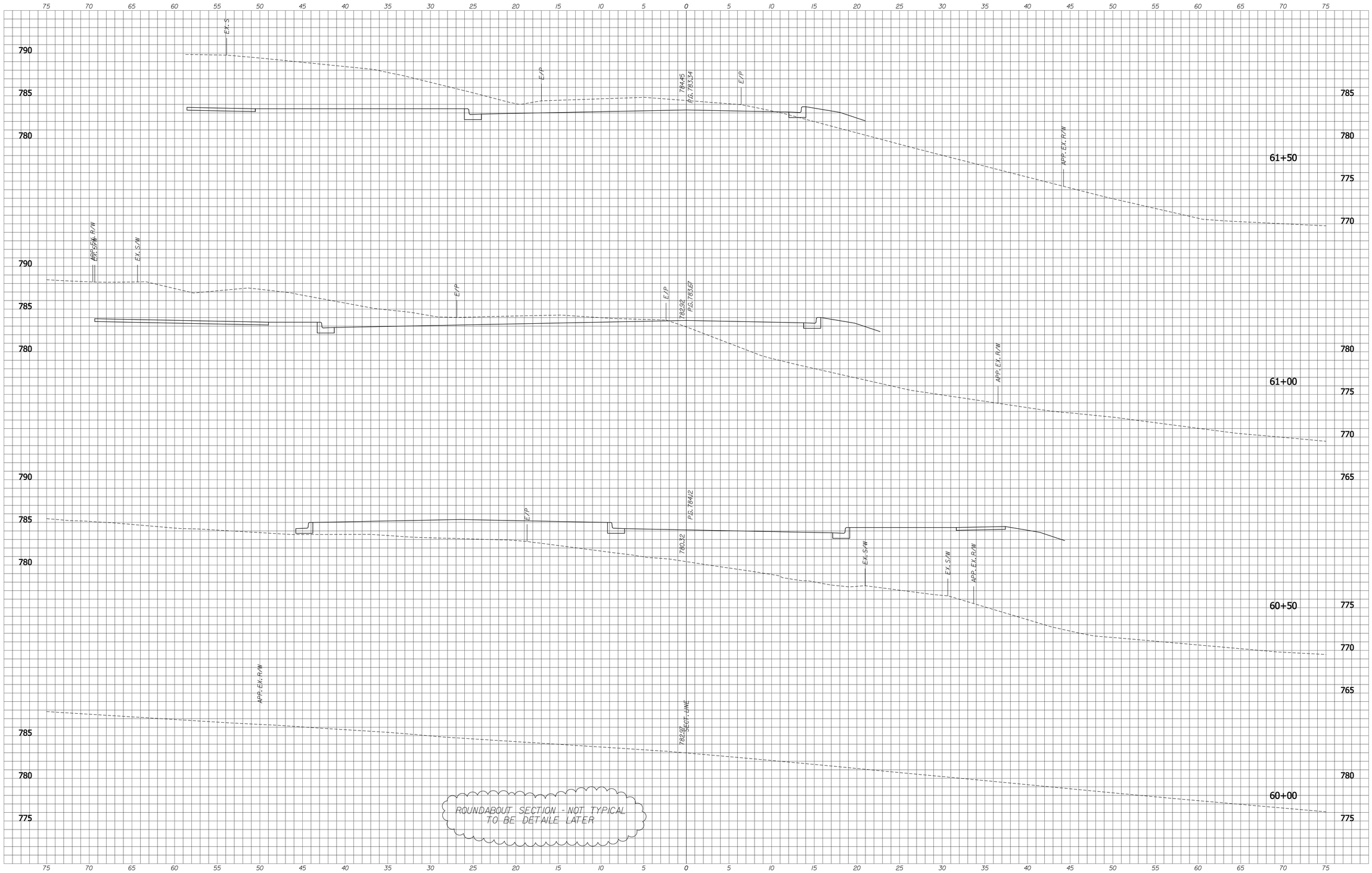

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PROPOSED ROADWAY TEMPLATE SHOWN ON ALL CROSS SECTIONS FOR INFORMATION ONLY - SIDEWALKS AND SIDEPATHS NOT YET ADJUSTED TO TRUE ELEVATIONS

RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	24 of 31
CONTRACT	PROJECT
	0900213

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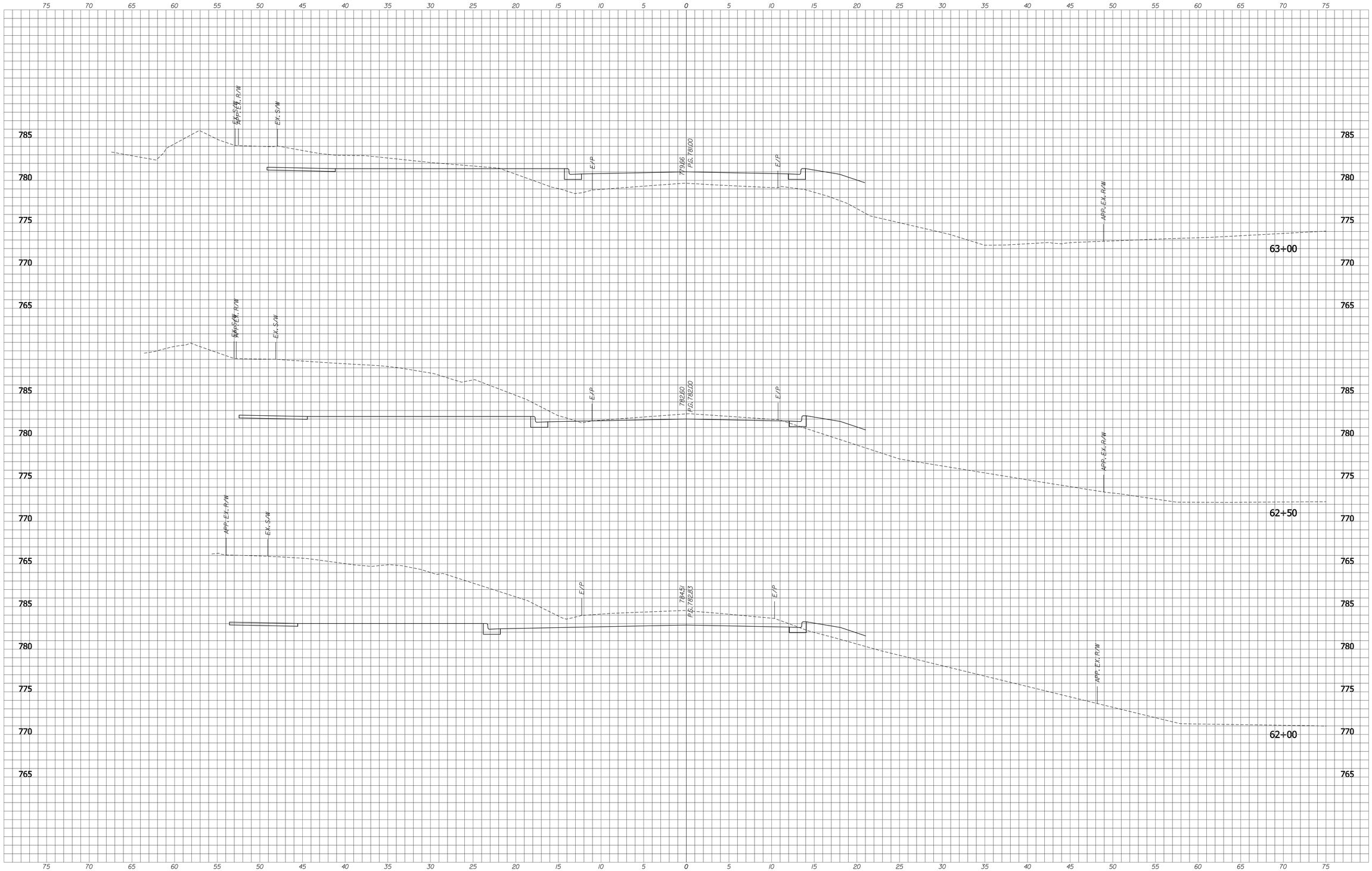

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	25 of 31
CONTRACT	PROJECT
	0900213

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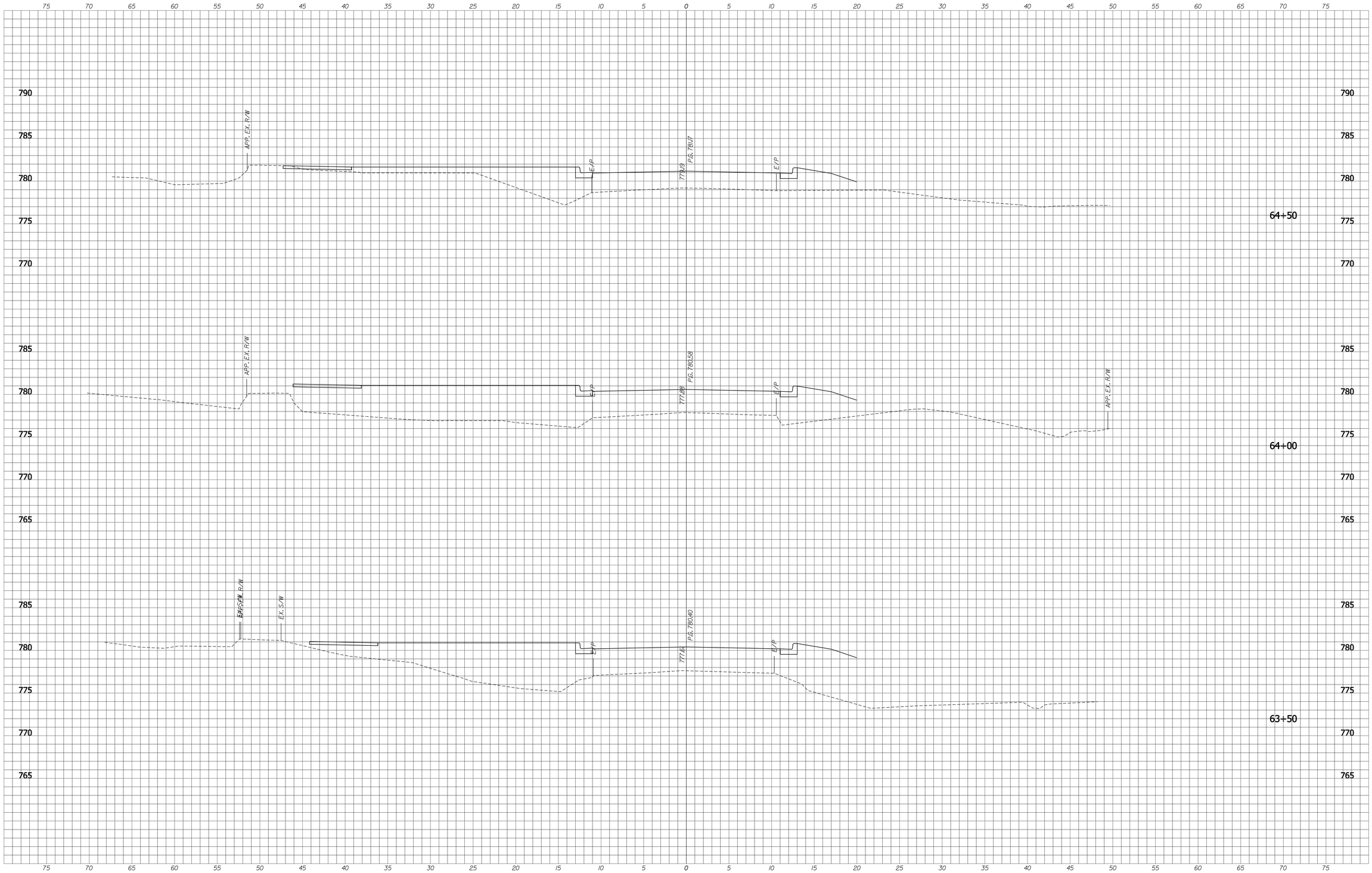

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	26 of 31
CONTRACT	PROJECT
	0900213

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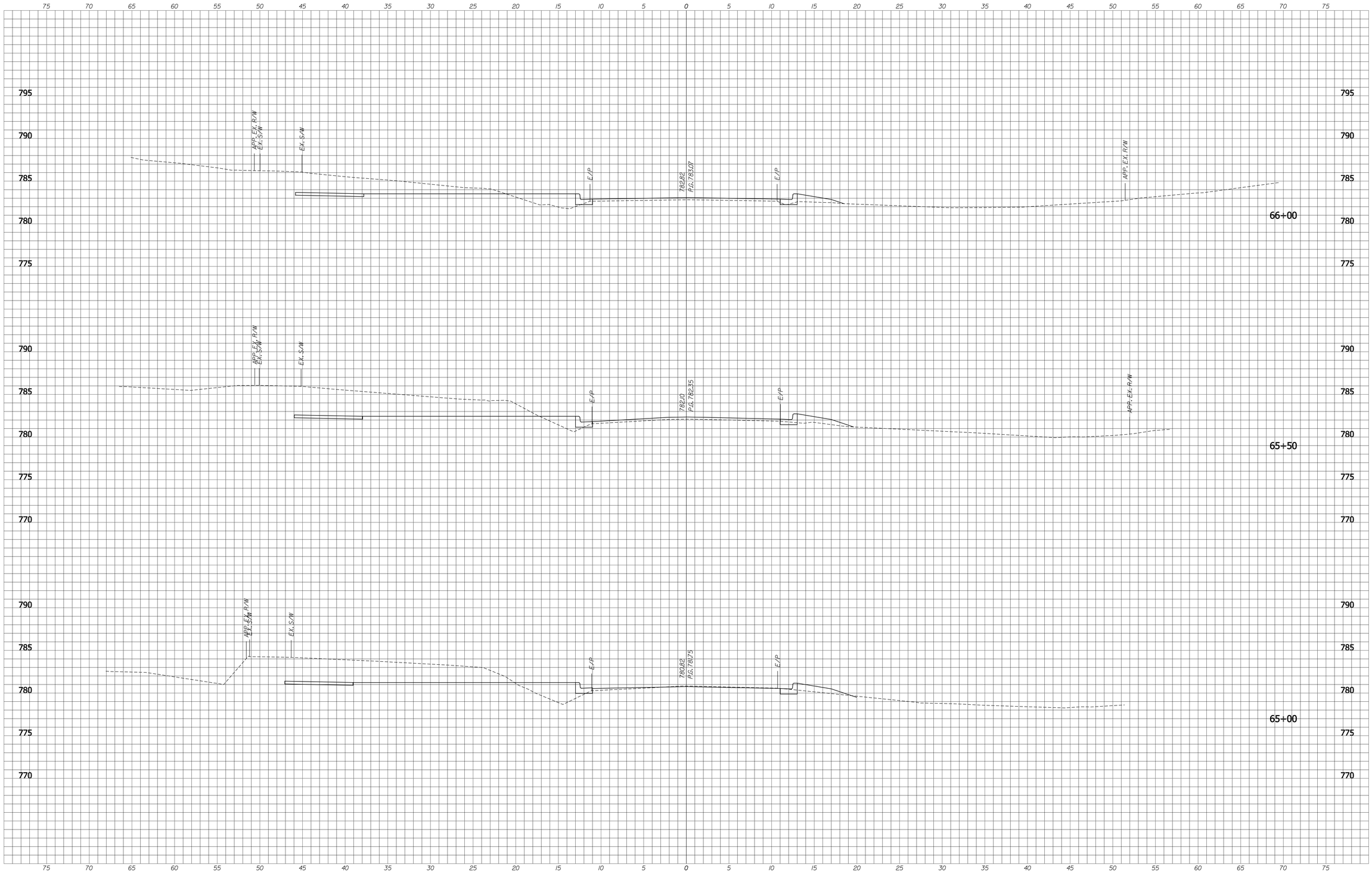

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	27 of 31
CONTRACT	PROJECT
	0900213

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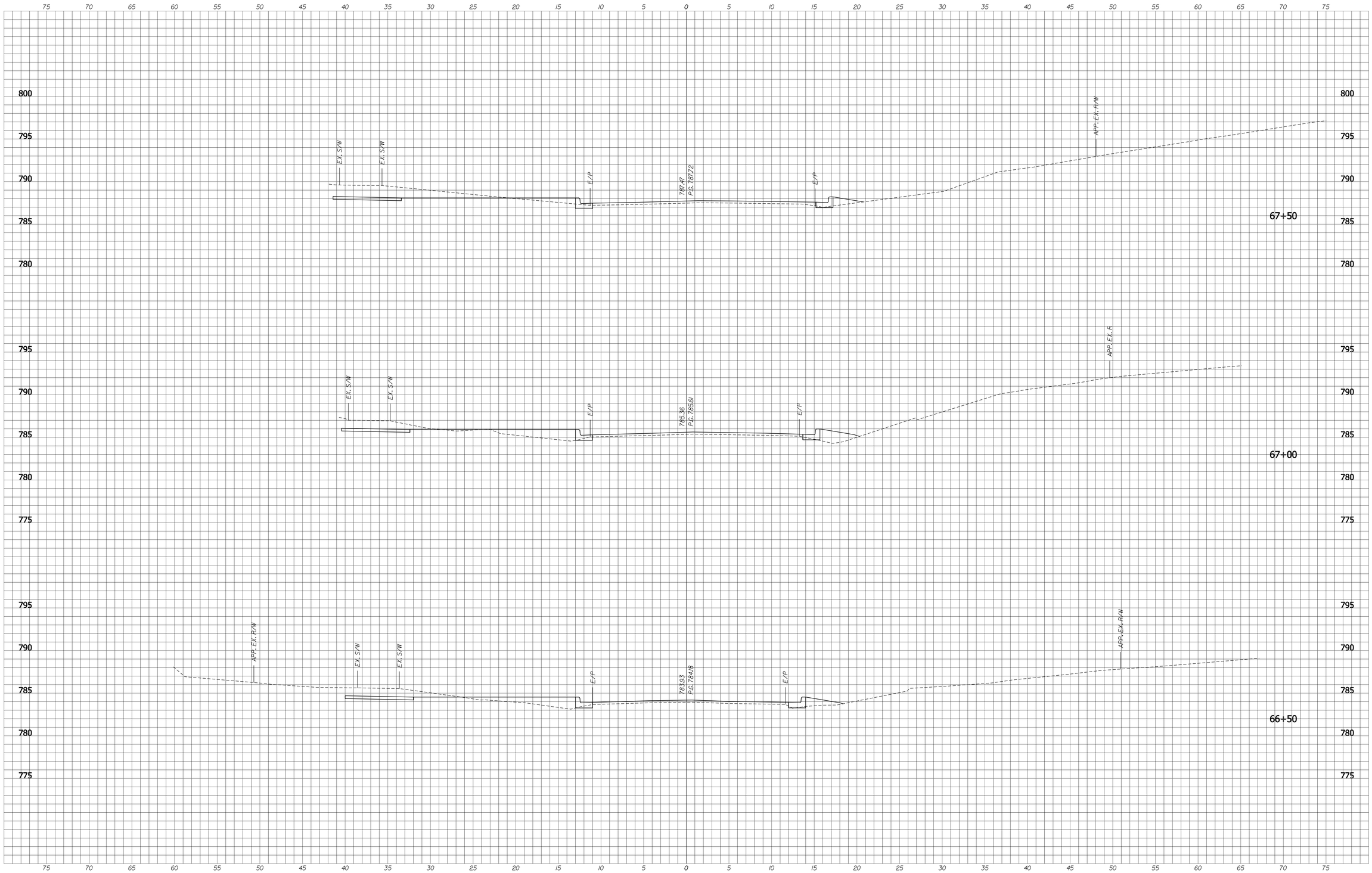

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	28 of 31
CONTRACT	PROJECT
	0900213

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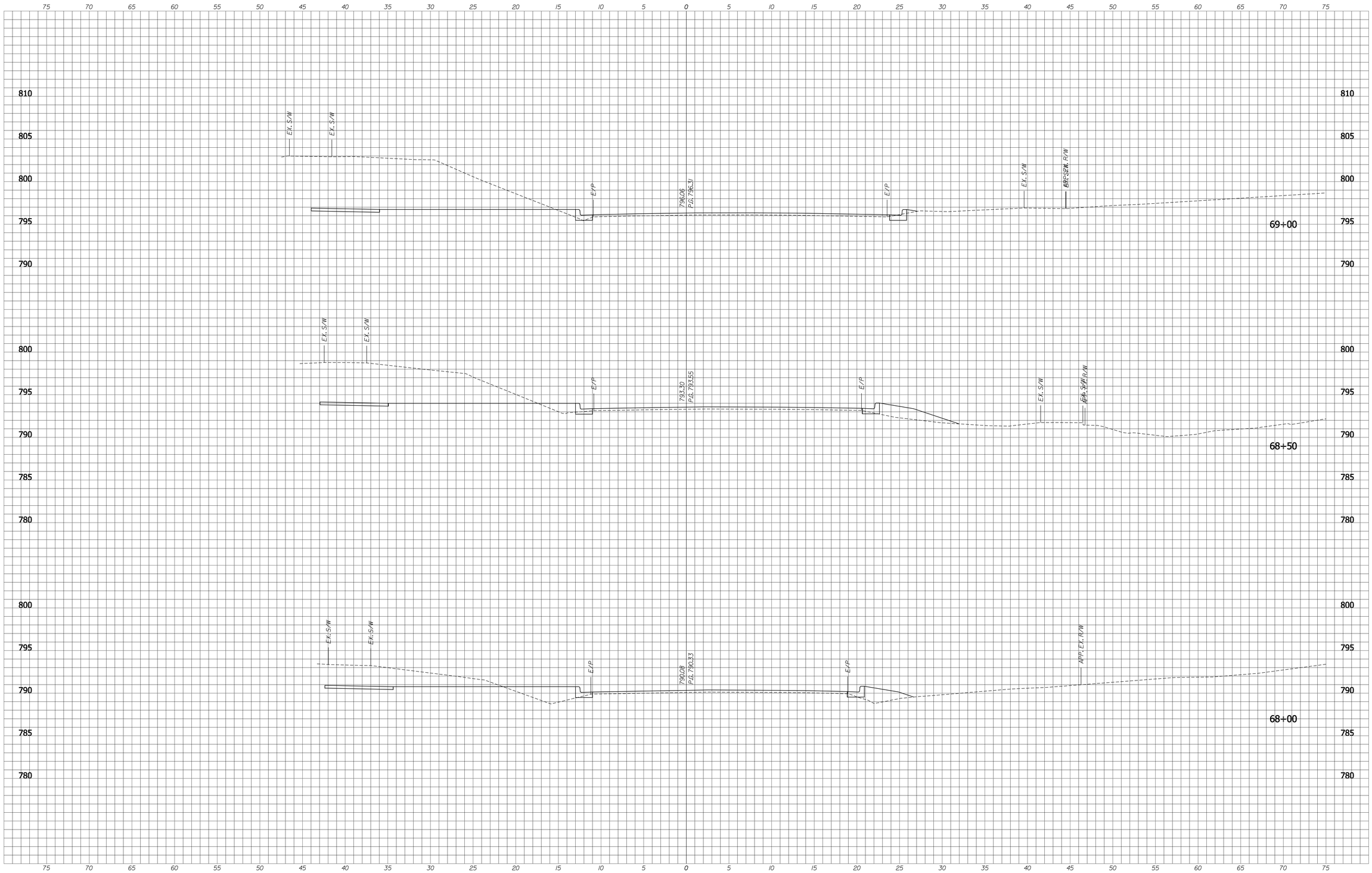

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	29 of 31
CONTRACT	PROJECT
	0900213

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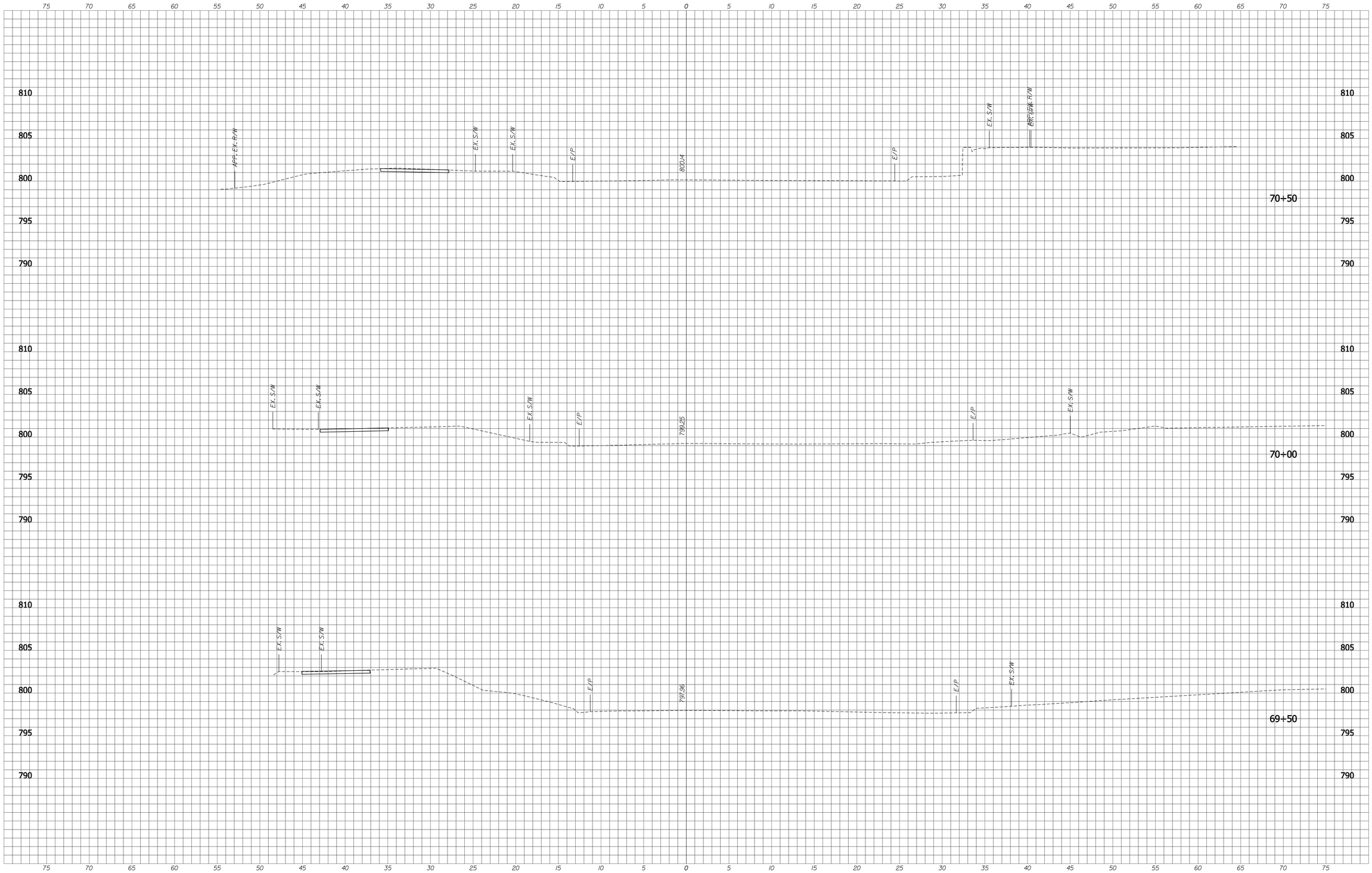

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR | DRAWN: SI
CHECKED: X | CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	30 of 31
CONTRACT	PROJECT
	0900213

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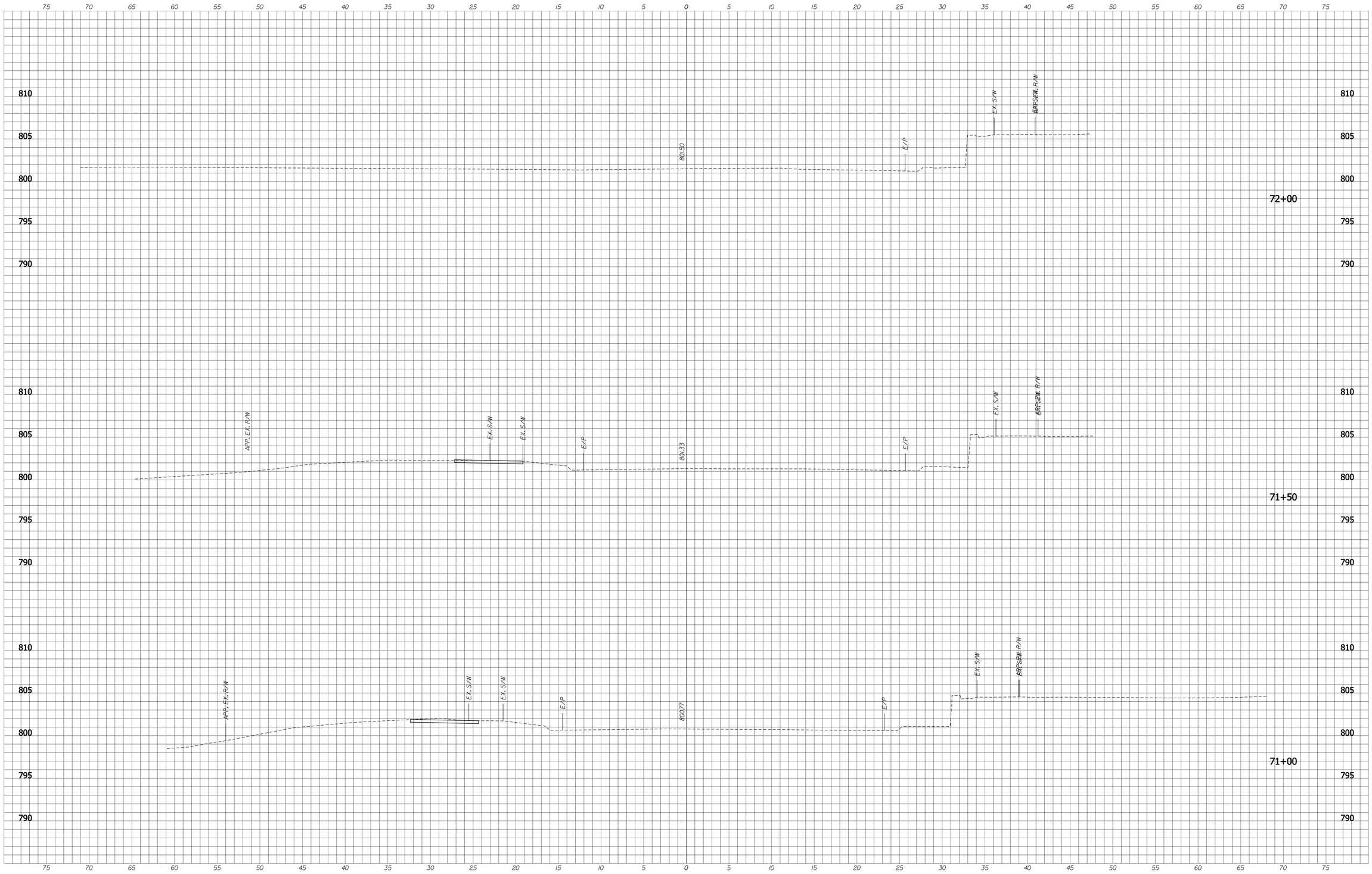

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RECOMMENDED FOR APPROVAL _____ X/XX/10
DESIGN ENGINEER DATE

DESIGNED: BR DRAWN: SI
CHECKED: X CHECKED: BR

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "B" WITH "PR-B-1" OR "PR-B-2"

HORIZONAL SCALE	BRIDGE FILE
1" = 5'-0"	
VERTICAL SCALE	DESIGNATION
1" = 5'-0"	0900213
SURVEY BOOK	SHEETS
	31 of 31
CONTRACT	PROJECT
	0900213

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