

PROJECT	DESIGNATION
1901902	1901902
CONTRACT	
R-42312	

HAMMOND, INDIANA

Dean Button City Engineer
Employee in Responsible Charge

Mark Gordish Assistant City Engineer
Employee in Responsible Charge

CITY OF HAMMOND OFFICIALS

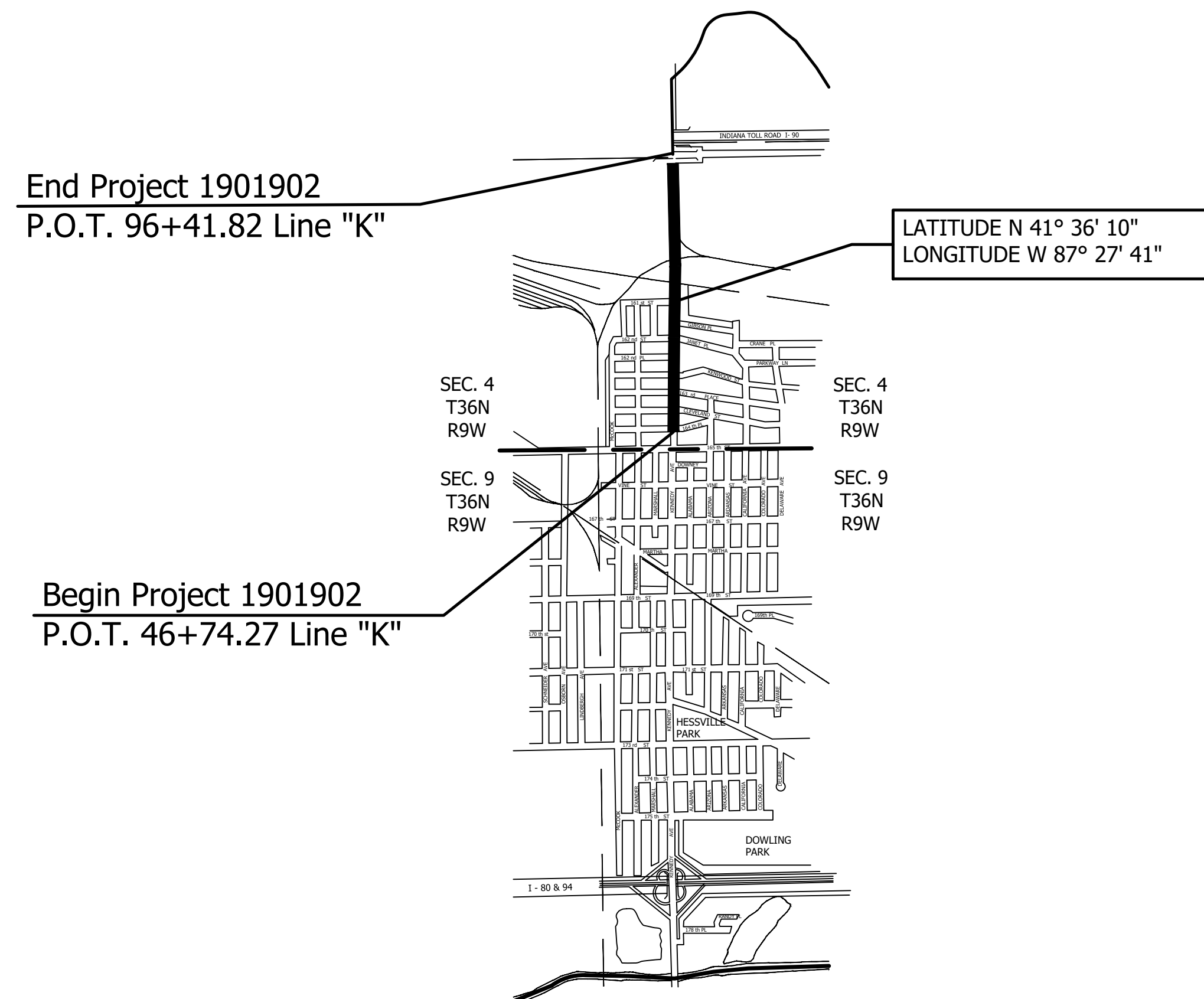
Thomas McDermott, Jr. Mayor
Kevin Margraf Board of Public Works President
Jeffery Long Board of Public Works Vice President
Johnny Perez Board of Public Works Member

INDIANA DEPARTMENT OF TRANSPORTATION

KENNEDY AVE. ROAD DIET PROJECT NO. 1901902

This Road Diet Project Begins at the south approach of 164th Place on Kennedy Ave. and Continues North Approx. 4,968 Feet (0.94 Miles) to the south access road for US 20 Michigan St., In The City Of Hammond, Indiana.

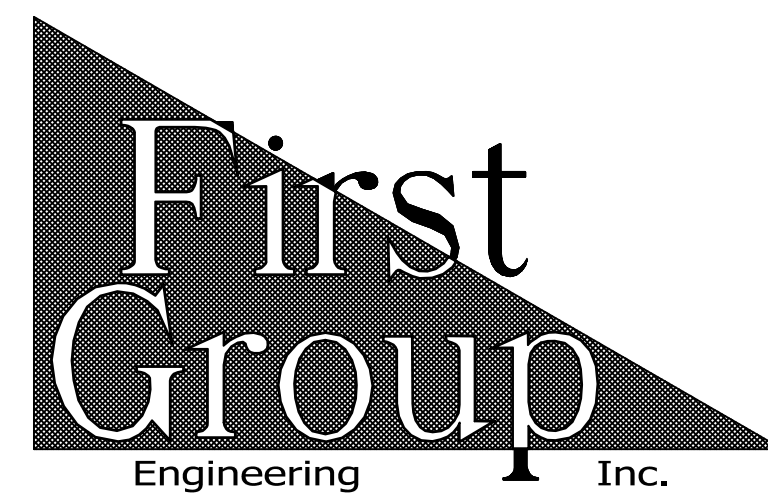
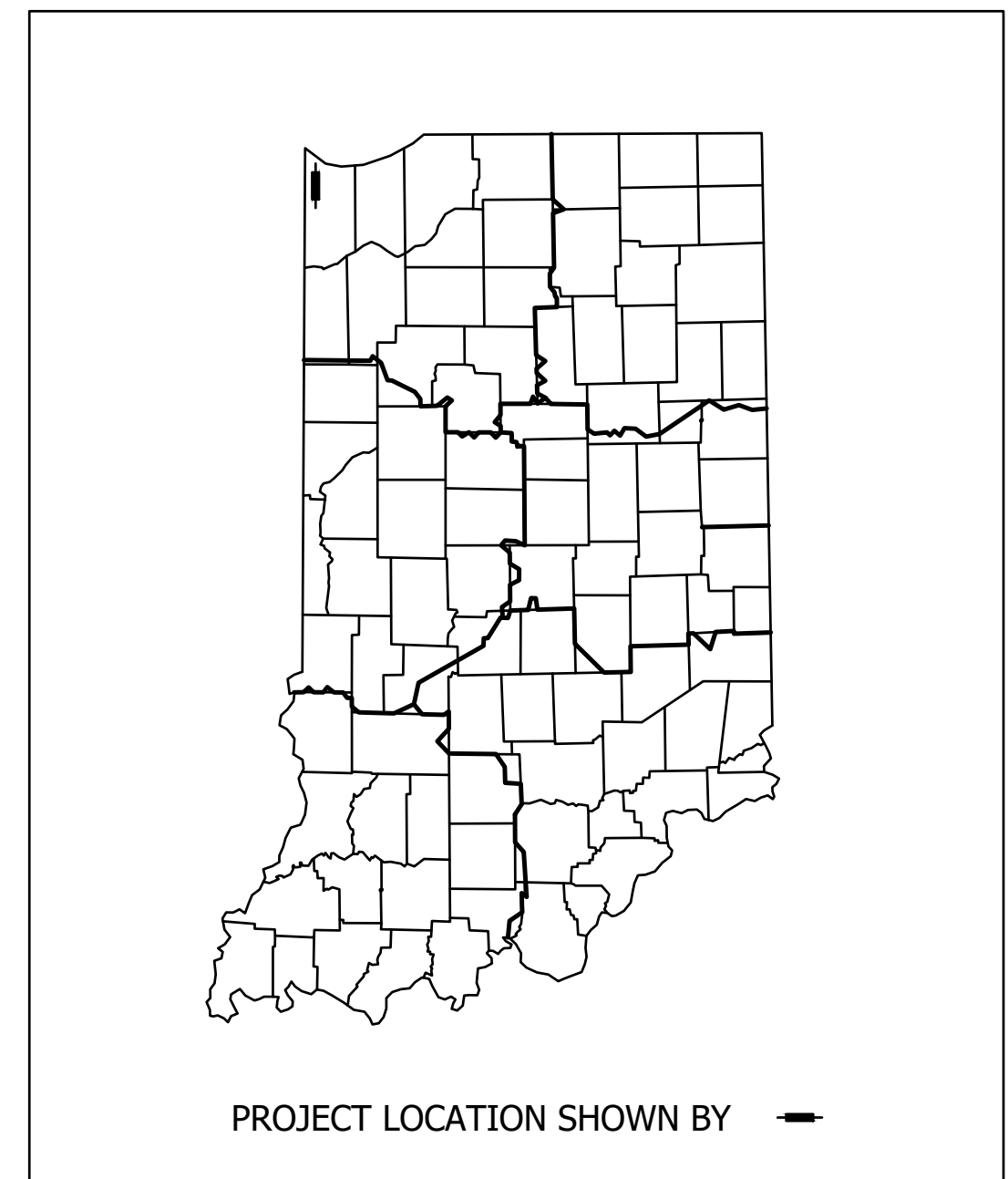
Gross Length: 4,967.55 Ft. (0.94 Mi.) Max. Grade: X.XX%
Net Length: 4,967.55 Ft. (0.94 Mi.)



CITY OF HAMMOND
SEC. 4, T36N, R9W
NORTH TOWNSHIP, LAKE COUNTY
LAT. 41°36'10" N, LONG. 87°27'41" W

TRAFFIC DATA		
A.A.D.T. (2023)	13,620	V.P.D.
A.A.D.T. (2043)	16,619	V.P.D.
D.H.V. (2043)	1,690	V.P.H.
DIRECTIONAL DISTRIBUTION	50% - 50%	
TRUCKS	1 % D.H.V.	

DESIGN DATA	
DESIGN SPEED	35 M.P.H.
PROJECT DESIGN CRITERIA	I.D.M. CH. 55-3F
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
RURAL/URBAN	URBAN (BUILT UP)
TERRAIN	LEVEL
ACCESS CONTROL	NONE



Indiana Department Of Transportation
Standard Specifications Dated 2022
Standards Are To Be Used With These Plans.

PLANS PREPARED BY: FIRST GROUP ENGR., INC. (317) 290-9549 <small>PHONE NUMBER</small>							
CERTIFIED BY: _____ <small>DATE</small>							DESIGNATION 1901902
APPROVED FOR LETTING: _____ <small>INDIANA DEPARTMENT OF TRANSPORTATION DATE</small>							SHEETS 1 of XX
						CONTRACT R-42312	PROJECT 190192

UTILITIES

Gas & Electric

NIPSCO Gas
1313 167th St.
Hammond, In. 46324
(219) 384-0414
Attn: Leo Orozco
lorozco@nisource.com

NIPSCO Electric

TBD
X
X
Breinigsville, Pa. 18031
Attn: Julia Heintz
jheintz@nisource.com

Telephone / Fiber Optic

At&t
302 S. East St.
Crown Point, In. 46307
(219) 662-4418
Attn: Mathew Smith
ms2827@att.com

Verizon/MCI

720 W. Henry St.
Indianapolis, In. 46225
(518) 424-3950
Attn: Ron Kocienski
ronald.kocienski@verizon.com

Level 3/Centurylink

TBD
TBD
TBD
TBD
relocations@lumen.com

Wide Open West

6600 Hank Ave.
Evansville, In. 47715
(812) 437-0395
Attn: James Fambrough
james.fambrough@wowinc.com

Cable

Comcast
800 E. 81st Ave.
Merrillville, In 46410
(219) 472-2012
Attn: Larry Smith
larry_smith3@cable.comcast.com

Pipelines

Buckeye Pipeline
Five Tek Park, 9999 Hamilton Blvd.
Breinigsville, Pa. 18031
(610) 904-4475
Attn: Traci McClernon
trmcclernon@buckeye.com

Explorer Pipeline

P.O. Box 2650
Tulsa, Ok. 74101
(918) 592-8476
Attn: Thomas Martinez
tmartinez@expl.com

Sanitary Sewers

Hammond Sanitary District
5143 Columbia Ave.
Hammond, In. 46237
(219) 853-6413
Attn: Jack Smith
jsmith@hammondsd.com

Water

Hammond Water Department
6505 Columbia Ave.
Hammond, In. 46320
(219) 852-6427
Attn: Edward Krusa
krusae@gohammond.com

RailRoads

Norfolk Southern
1200 Peachtree, N.E.
Atlanta, Ga. 30309
(404) 529-1436
Attn: E.W. Chambers
eldridge.chambers@nscorp.com

Indiana Harbor Belt

2721 161st St.
Hammond, In. 46323
(219) 989-4910
Attn: Eduardo Garcia
eduardo.garcia@ihbrr.com

GENERAL NOTES

**	All Earth shoulders, median areas, and cut and fill slopes shall be plain or mulched seeded except where sodding is specified. Erosion control methods including sodding are to be placed as soon as possible after finished grade is established to minimize erosion.
**	No two drive entrances to the same property shall be closed at the same time.
**	The utilities as shown on the plans are for reference only. It is Contractor's responsibility to contact all utility companies at least 2 weeks prior to any construction and to determine the exact locations of all utilities. Dimensions for all existing utilities are shown in Inches (in.)
**	This set of plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivisions, or section corners information is shown, it is based upon physical evidence or testimony
**	Represents General Notes Required

INDEX

SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INFORMATION SHEET
X	TYPICAL CROSS SECTIONS
X	PLAT NO. 1
X	MAINTENANCE OF TRAFFIC PLANS
X	PLAN AND PROFILE SHEETS
X	CONSTRUCTION DETAILS
X	RAMP DETAILS
X	PAVEMENT MARKING & SIGNING PLANS
X	SIGNAL PLANS
X	EROSION CONTROL PLANS
X	TABLES
X	CROSS SECTIONS

EARTHWORK SUMMARY TABLE

LINE	COMMON EXCAVATION (CYS)		FILL + 25% (CYS)	
	COMMON	BENCHING	FILL	BENCHING
LINE "K"	X		X	
TOTALS	X		X	

EXCAVATION, COMMON = XX CYS

REVISIONS

SHEET NO.	DATE	REVISED

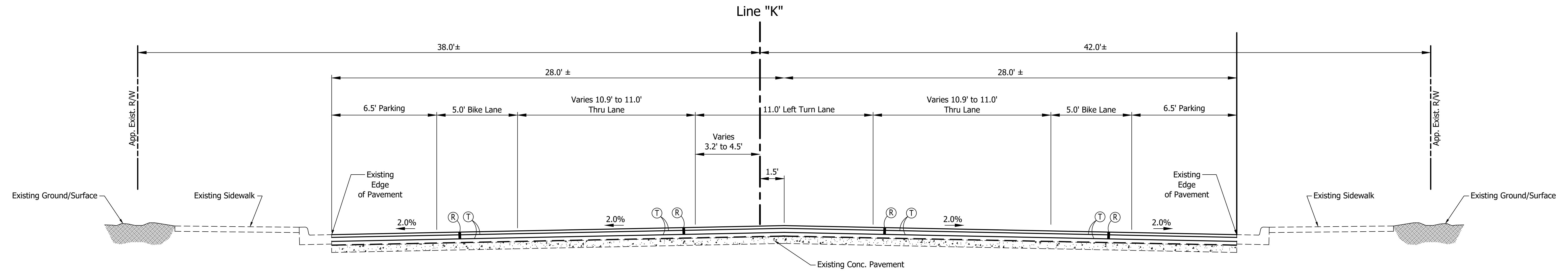


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: _____	T.F.S.	DRAWN: _____
CHECKED: _____	D.W.C.	CHECKED: _____
	D.W.C.	

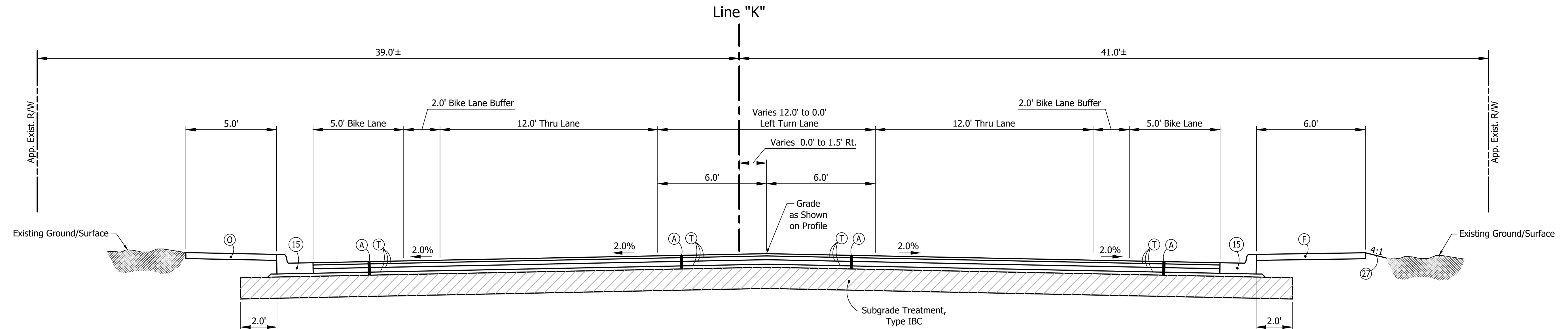
INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX AND INFORMATION SHEET

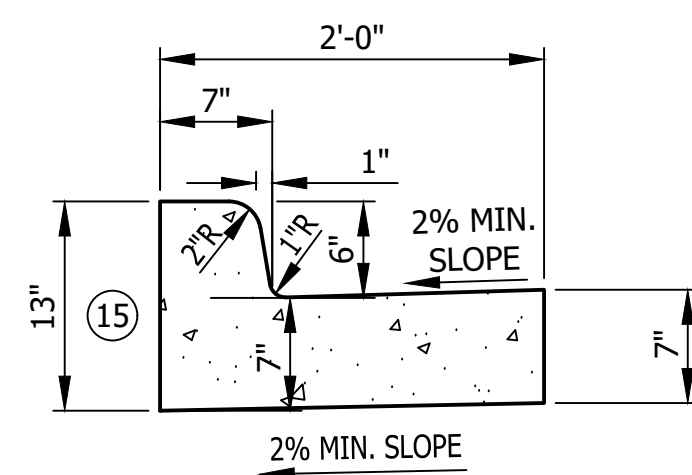
HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	2 of XX
CONTRACT	PROJECT
R-42312	1901902



Typical Cross Section
Sta. 46+74.27 to Sta. 69+75.08 Line "K"
Scale: 1" = 3'



Typical Cross Section
Sta. 69+75.08 to Sta. 72+86.40 Line "K"
Scale: 1" = 3'



Combined Concrete Curb & Gutter
Scale: 1" = 1'

Legend

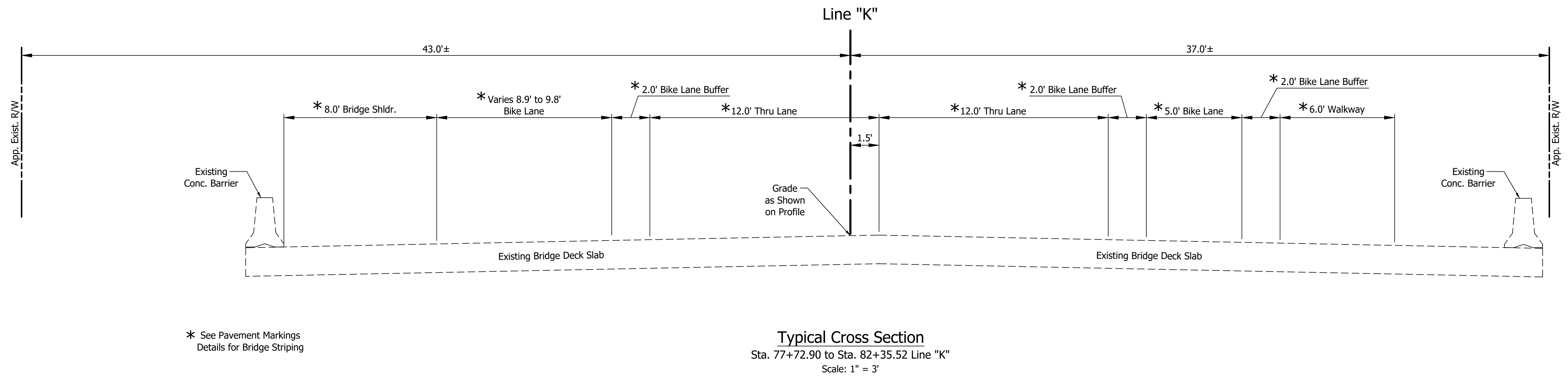
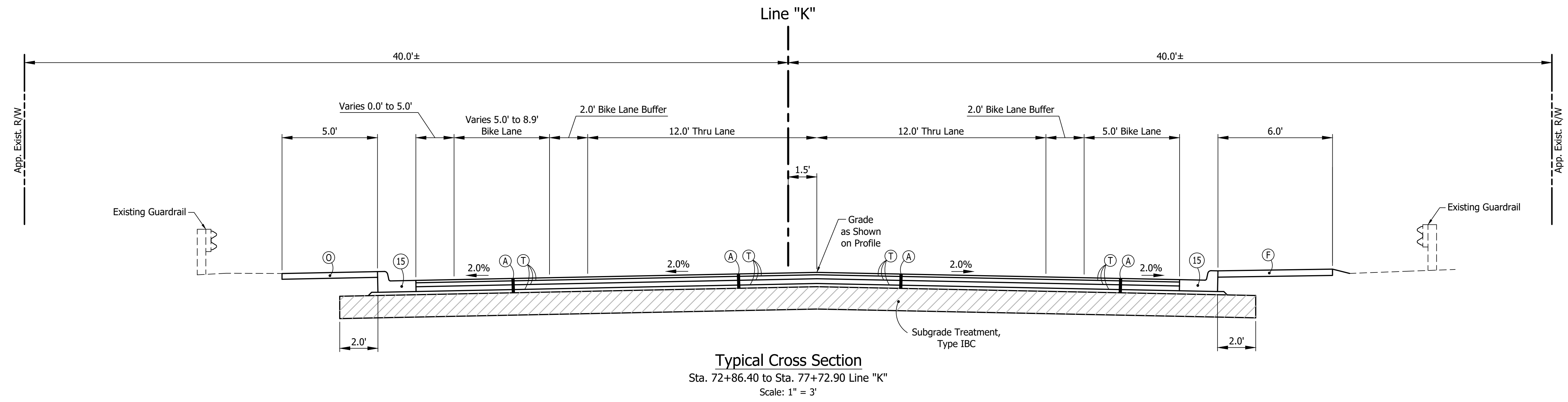
- (A) 165 #/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm on 275 #/Syd. QC/QA HMA, 2, 64, Intermediate, 19.0 mm on 330 #/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on 220 #/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on Subgrade Treatment, Type IBC
- (C1) PCCP for Approaches 6" on Dense Graded Subbase, on Subgrade Treatment Type II
- (C2) PCCP for Approaches 9" on Dense Graded Subbase, on Geogrid Type 1B, on Subgrade Treatment Type II
- (CR) Curb Ramp, Concrete
- (F) Sidewalk, Concrete
- (FT) Sidewalk Elevation Transition
- (R) Includes:
2" Asphalt Milling with Cold in Place Recycled Asphalt, 3" on Existing HMA (Includes Profile Milling of Recycled Asphalt)
220#/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm Overlay
- (R1) 2" Asphalt Milling with 220#/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm Overlay
- (T) Asphalt Material For Tack Coat
- (15) Combined Concrete Curb And Gutter, 6"
- (26) Sodding (Nursery) W/Topsoil (4" As Req'd. Under Sodding)
- (27) Seed Mixture, U

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./B.M.S.	DRAWN: B.M.S.	
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.	

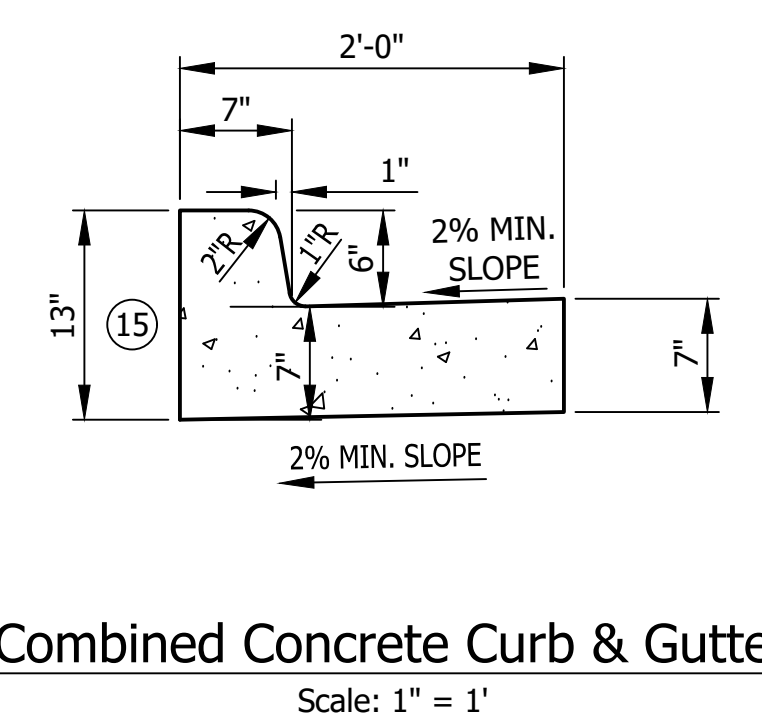
INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS LINE "K"

HORIZONTAL SCALE	BRIDGE FILE
1" = 3'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	3 of XX
CONTRACT	PROJECT
R-42312	1901902

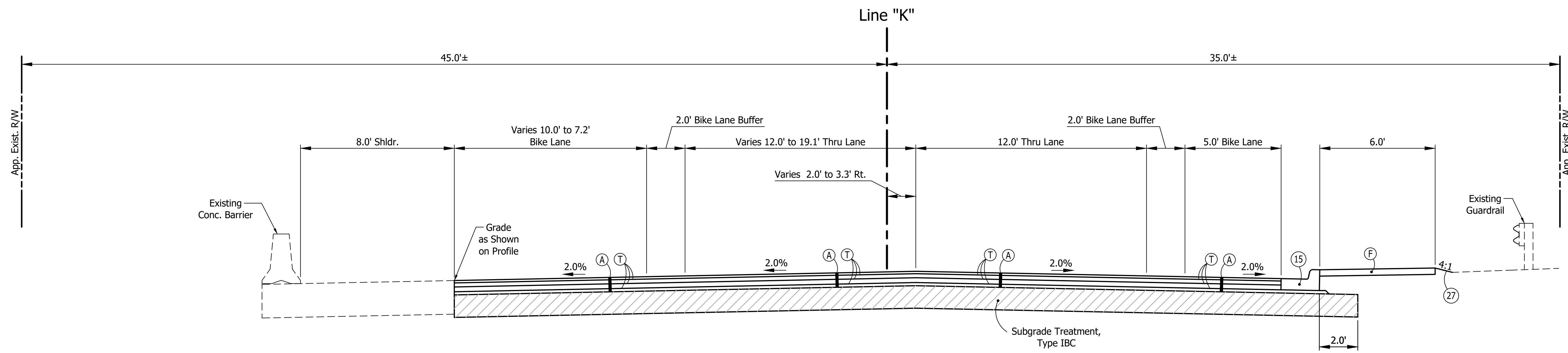


* See Pavement Markings
Details for Bridge Striping

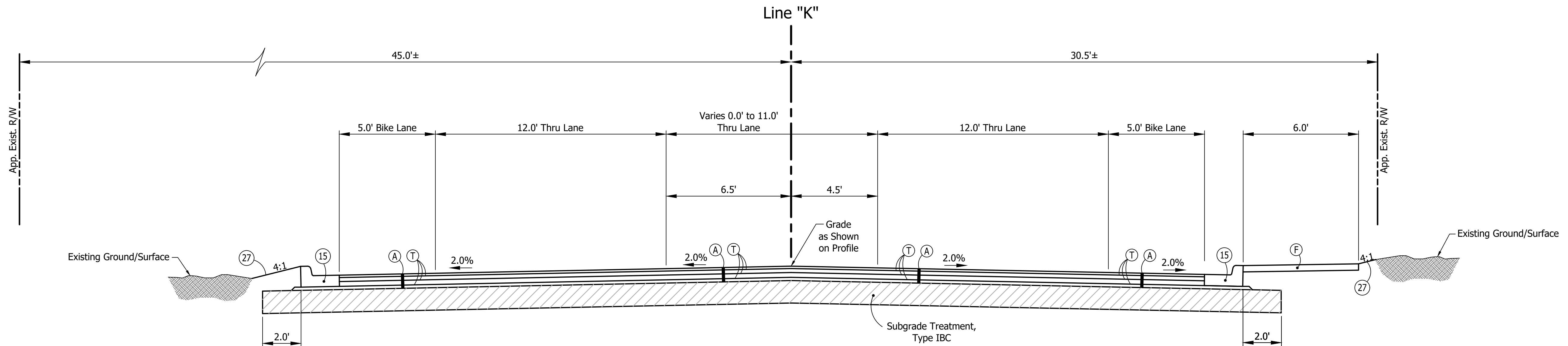


- Legend**
- (A) 165 #/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm on 275 #/Syd. QC/QA HMA, 2, 64, Intermediate, 19.0 mm on 330 #/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on 220 #/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on Subgrade Treatment, Type IBC
 - (C1) PCCP for Approaches 6" on Dense Graded Subbase, on Subgrade Treatment Type II
 - (C2) PCCP for Approaches 9" on Dense Graded Subbase, on Geogrid Type 1B, on Subgrade Treatment Type II
 - (CR) Curb Ramp, Concrete
 - (F) Sidewalk, Concrete
 - (FT) Sidewalk Elevation Transition
 - (R) Includes: 2" Asphalt Milling with Cold in Place Recycled Asphalt, 3" on Existing HMA (Includes Profile Milling of Recycled Asphalt) 220#/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm Overlay
 - (R1) 2" Asphalt Milling with 220#/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm Overlay
 - (T) Asphalt Material For Tack Coat
 - (15) Combined Concrete Curb And Gutter, 6"
 - (26) Sodding (Nursery) W/Topsoil (4" As Req'd. Under Sodding)
 - (27) Seed Mixture, U

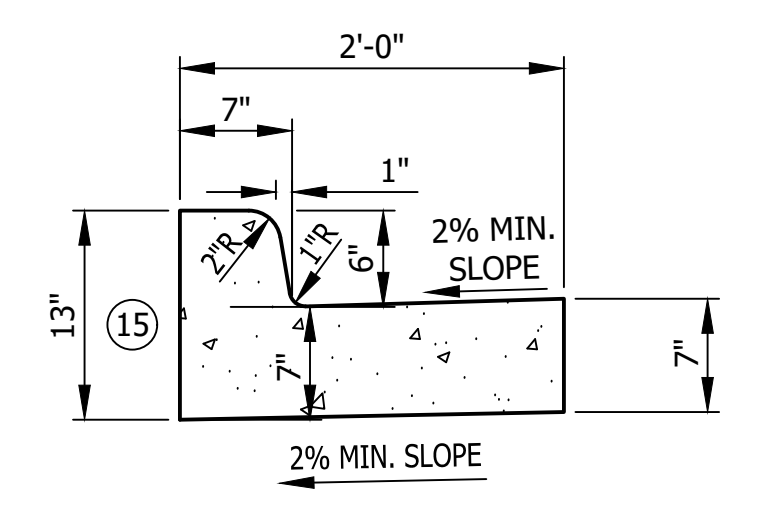
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
					1" = 3'	N/A
DESIGNED: C.E.S./B.M.S.	DRAWN: B.M.S.		TYPICAL CROSS SECTIONS LINE "K"		VERTICAL SCALE	DESIGNATION
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.				N/A	1901902
					SURVEY BOOK	SHEETS
			N/A	4 of XX		
			CONTRACT	PROJECT		
			R-42312	1901902		



Typical Cross Section
Sta. 82+35.52 to Sta. 86+40.87 Line "K"
Scale: 1" = 3'



Typical Cross Section
Sta. 86+40.87 to Sta. 94+65.30 Line "K"
Scale: 1" = 3'

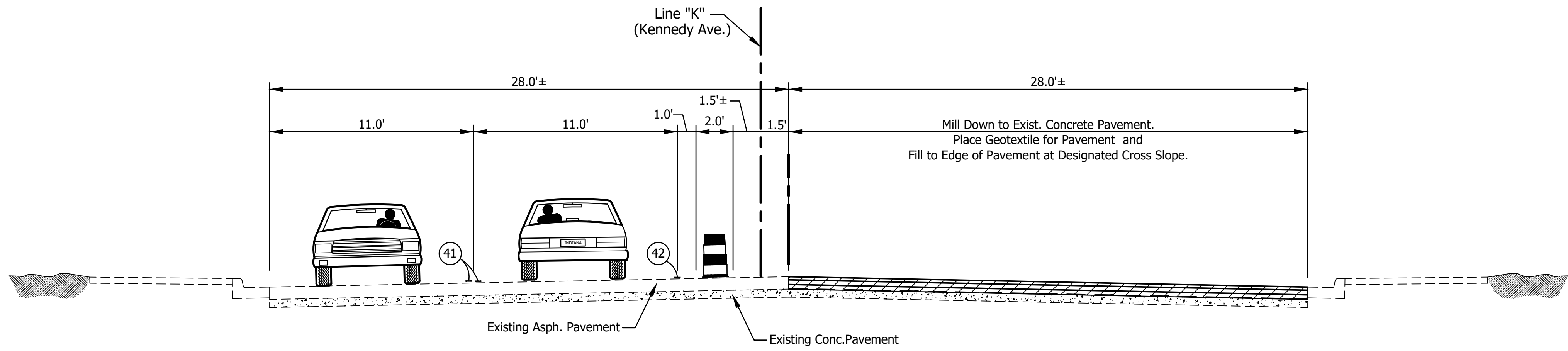


Combined Concrete Curb & Gutter
Scale: 1" = 1'

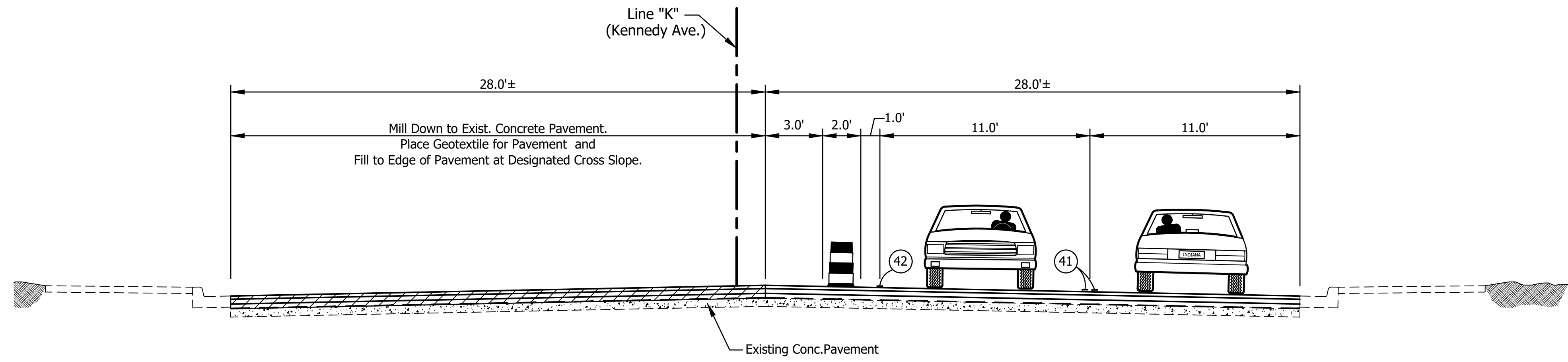
Legend

- (A) 165 #/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm on 275 #/Syd. QC/QA HMA, 2, 64, Intermediate, 19.0 mm on 330 #/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on 220 #/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on Subgrade Treatment, Type IBC
- (C1) PCCP for Approaches 6" on Dense Graded Subbase, on Subgrade Treatment Type II
- (C2) PCCP for Approaches 9" on Dense Graded Subbase, on Geogrid Type 1B, on Subgrade Treatment Type II
- (CR) Curb Ramp, Concrete
- (F) Sidewalk, Concrete
- (FT) Sidewalk Elevation Transition
- (R) Includes: 2" Asphalt Milling with Cold in Place Recycled Asphalt, 3" on Existing HMA (Includes Profile Milling of Recycled Asphalt) 220#/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm Overlay
- (R1) 2" Asphalt Milling with 220#/Syd. QC/QA HMA, 2, 64, Surface, 9.5 mm Overlay
- (T) Asphalt Material For Tack Coat
- (15) Combined Concrete Curb And Gutter, 6"
- (26) Sodding (Nursery) W/Topsoil (4" As Req'd. Under Sodding)
- (27) Seed Mixture, U

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL CROSS SECTIONS LINE "K"	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: C.E.S./B.M.S.	DRAWN: B.M.S.	CHECKED: C.E.S./B.M.S.		CHECKED: D.W.C.	1" = 3'
					VERTICAL SCALE	DESIGNATION
					N/A	1901902
					SURVEY BOOK	SHEETS
					N/A	5 of XX
					CONTRACT	PROJECT
					R-42312	1901902



Phase 1
Line "K" (Kennedy Ave.)
Scale 1" = 4'



Phase 2
Line "K" (Kennedy Ave.)
Scale 1" = 4'

Summary Of Maintenance Of Traffic Quantities			
Item			TOTALS
	Phase 1	Phase 2	
Line, Remove			XXX Lft.
** Temporary Pavement Marking, Solid, White, 4"			XXX Lft.
Temporary Pavement Marking, 4" (Removable)			XXX Lft.
Line, Thermoplastic, Solid, White, 4 In. (To Replace Permanent Markings Removed)			XXX Lft.
Line, Thermoplastic, Solid, Yellow, 4 In. (To Replace Permanent Markings Removed)			XXX Lft.
Temp. Pavement Message Markings, Thermoplastic, Lane Indication Arrow			XXX Each
Construction Signs, Type "A" w/Type "A" Construction Warning Light			XXX Each
Construction Signs, Type "B" w/Type "A" Construction Warning Light			XXX Each
Barricade, Type III-B			XXX Lft.
Flashing Arrow Sign (Days) (at 10 Days Each)			XXX Days
*** Compacted Aggregate No. 53, Temporary			XXX Tons
*** Temporary Traffic Barrier, Type 2			XXX Lft.
** Energy-Absorbing Terminal, CZ, TL-2			XXX Ea.

* Maximum required during any single phase ** Not a pay item
 *** Total includes undistributed quantity for locations deemed necessary by the engineer for sewer or other construction. **** Estimated quantity for maintaining access to drives. (As required)

NOTES:
 Existing pavement markings that conflict with each maintenance of traffic scheme shall be removed prior to construction.
 No two adjacent street approaches shall be closed at the same time.
 Whenever possible private driveways shall be constructed in portions to allow access to properties at all times. Whenever private driveways are too narrow to accommodate continuous access the contractor shall contact the property owner and work out a time schedule for driveway construction that will cause the least inconvenience to the property owner.
 Dimensions for sign locations are approximate only. Actual locations to be determined by the Contractor and approved by the engineer.

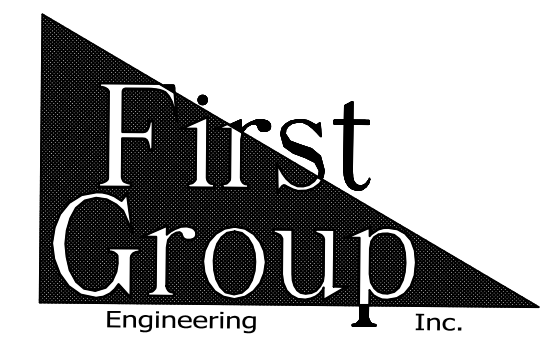
- Legend**
- Standard Drum
 - Standard Drum
 - Barricade, Type III-B
 - Traffic Flow Arrow
 - Construction Signs, Type A or B w/Type "A" Construction Warning Light
 - Temporary Traffic Barrier, Type 2
 - Flashing Arrow Sign
 - Area To Be Constructed During This Phase
 - Temp. Pavement Marking, Solid, Yellow, 4"
 - Temp. Pavement Marking, Solid, White, 4"

- Sign Legend**
- 48 XG20-7 - Worksite Added Penalty Sign
 - 49 XW20-1 - Road Construction Ahead
 - 50 XG20-2 - End Construction
 - 51 R3-7(R) - Right Lane Must Turn Right
 - 52 XW9-2A(R) - Lane Ends Merge Right
 - 53 XW4-2-A(R) - Merge Right (Sym.)
 - 54 R3-2a - No Left Turn
 - 55 R9-9 - Sidewalk Closed
 - 56 R11-3a - Road Closed / Local Traffic Only
 - 57 R11-2 - Road Closed

CONSTRUCTION ZONE DESIGN SPEED (mph)	SUGGESTED MAXIMUM SPACING (ft)	
	TAPER SECTION *	TANGENT SECTION
25	23	46
30	30	60
35	36	72
45	42	84
50	49	98
55	56	112
60	62	124
70	70	140

* Not less than 20" on tapers below 25 M.P.H.

SUGGESTED MAXIMUM SPACING OF CHANNELIZATION DEVICES



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

FOR APPROVAL _____ DATE _____
 DESIGN ENGINEER _____
 DESIGNED: C.E.S./B.M.S. DRAWN: B.M.S.
 CHECKED: C.E.S./B.M.S. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 KENNEDY AVENUE

HORIZONTAL SCALE 1" = 4'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 6 of XX
CONTRACT R-42312	PROJECT 1901902

45 +14.4,33.3' Pwp.
+45.2,42.1' Bush
+47.8,41.5' Bush
+62.6,31.7' Handhole

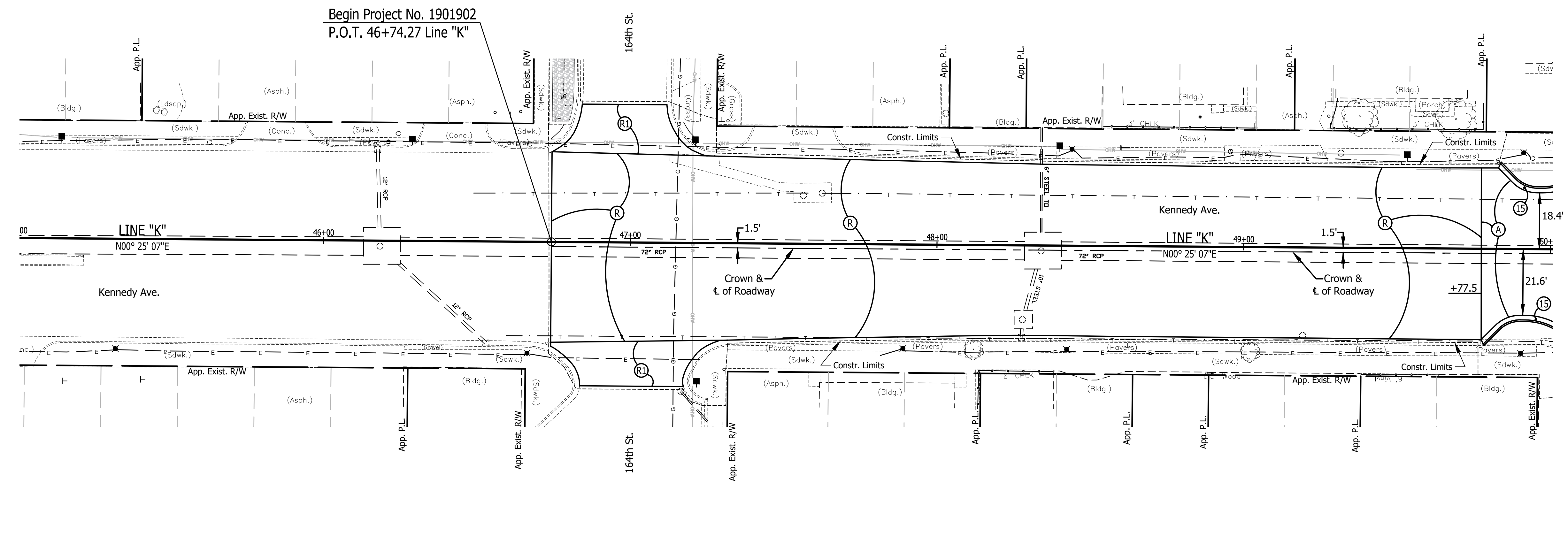
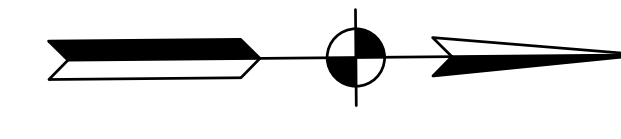
46 +08.3,33.3' Gy. W.
+14.6,32.6' Gy. W.
+17.5,29.7' Inlet
+20.9,32.2' Det. Hsg.
+24.1,35' Handhole
+28.7,33.2' Pwp.

47 +55.6,42.1' Post
+60.4,3' Sign (House)
+64.4,2' Post (Metal)
+67.3,1.9' Handhole
+75.4,40' Sign
+77.9,47.5' Lt. P.
+79.4,44.5' Sign (Stop)

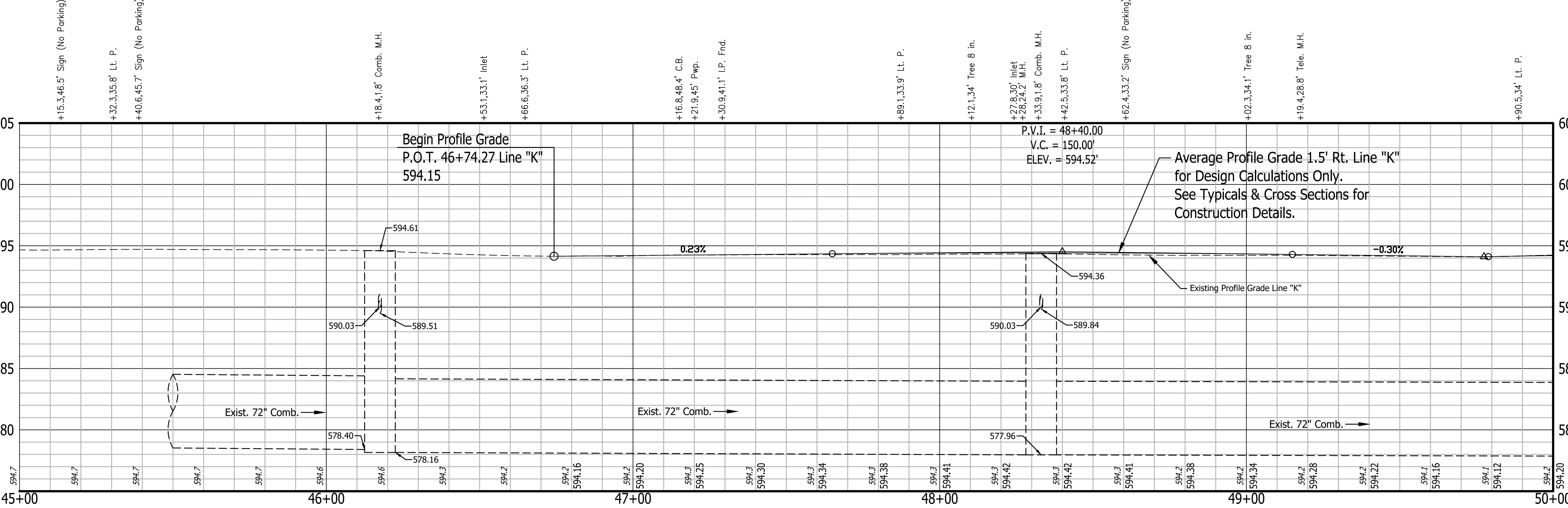
48 +21.3,37' Pwp.
+28.6,31.6' Handhole
+29.6,39.6' Sign
(Case-N-Cedar)
+31.6,39.9' Ballard

49 +58.8,32.6' Pwp.
+43.8,31.5' Lt. P.
+58.8,32.2' Pwp./M.W.
+85.5,42.3' Pine
+95.5,31.1' Stump
+03.3,38.8' Sign
(Wrong Way)
+27.4,42.9' Post (Metal)
+28.39' Sign (Wrong Way)
+31.5,30.8' M.H.
+37.5,42.9' Tree 15 in.
+53.1,30.5' Pwp.
+68.8,42.2' Tree 17 in.

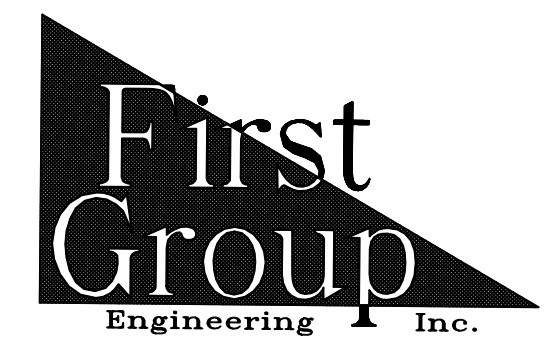
50 +91.7,4' Lt. P.
+94.29' Handhole



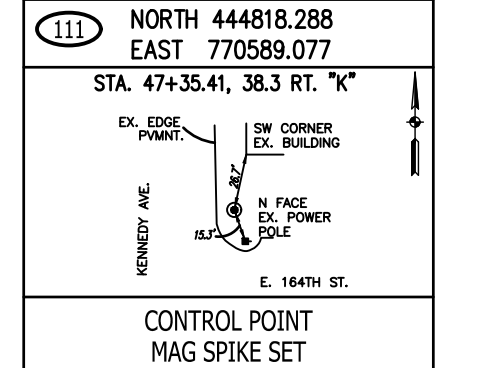
- T.B.M. No. 1 Bench Tie 1.7' Above Ground E. Side Pwp. 72' S. of C.L. 170th St., W. Side Kennedy Elev. 604.67 N. 441108.6 E. 770506.6
- T.B.M. No. 2 Bench Tie 1.7' Above Ground E. Side Pwp. #42-915 N.W. Cor. Walgreens Property Elev. 613.52 N. 441719.8 E. 770571.3
- T.B.M. No. 3 Bench Tie 1.7' Above Ground E. Side Pwp. #90-232 N.E. Cor. Pioneer Tap Bldg. Elev. 608.43 N. 442270.8 E. 770507.5
- T.B.M. No. 4 Bench Tie 1.7' Above Ground E. Side Pwp. 183' N. of C.L. Martha St., W. Side Kennedy Elev. 602.27 N. 442806.3 E. 770509.6
- T.B.M. No. 5 Bench Tie 1.7' Above Ground E. Side Pwp. #2-0808 N.E. Cor. Amerimex Muffler Elev. 599.56 N. 443353.0 E. 770511.3
- T.B.M. No. 6 Bench Tie 1.7' Above Ground E. Side Pwp. #93-45 38' N. of C.L. Vine St., W. Side Kennedy Elev. 597.80 N. 443960.1 E. 770514.2
- T.B.M. No. 7 Bench Tie 1.7' Above Ground N. Side Pwp. #26-515 38' E. of C.L. Alabama Ave. along Downey Pl. Elev. 595.51 N. 444119.6 E. 770913.9



- T.B.M. No. 8 Bench Tie 1.7' Above Ground W. Side Pwp. N.E. Cor. 165th St./Kennedy Ave. Sta. 44+07.97 "K", 59.71' Rt. Elev. 596.30
- T.B.M. No. 9 Cut "X" in W. Flange Bolt of Fire Hyd. S.E. Cor. Alexander Ave./Kennedy Ave. Sta. 43+34.71 "K", 638.63' Rt. Elev. 596.50
- T.B.M. No. 10 Cut "X" in W. Flange Bolt of Fire Hyd. N.E. Cor. Arizona Ave./Kennedy Ave. Sta. 44+02.24 "K", 694.01' Rt. Elev. 596.37
- T.B.M. No. 11 Bench Tie 1.7' Above Ground W. Side Pwp. #91-256 N.W. Cor. 164th Pl./Kennedy Ave. Sta. 47+20.86 "K", 32.86' Lt. Elev. 595.52



5925 Lakeside Blvd.
Indianapolis, Indiana 46278
Phone (317) 290-9549

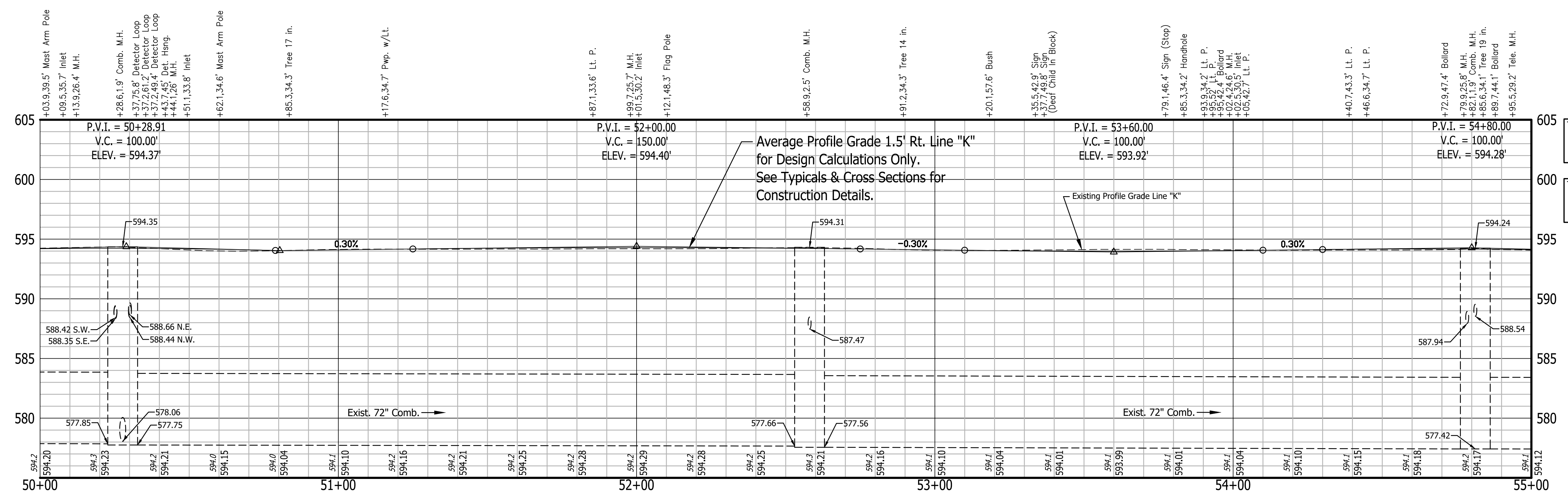
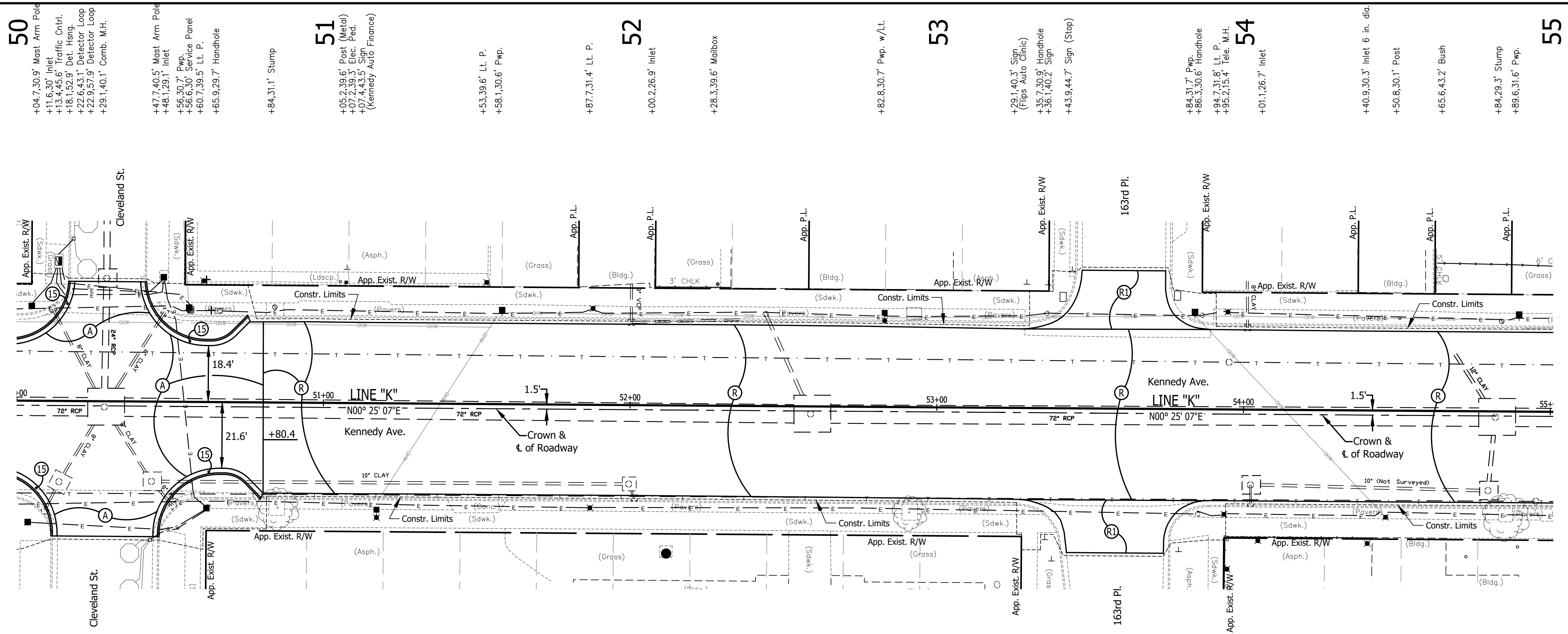


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: T.F.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE KENNEDY AVE.

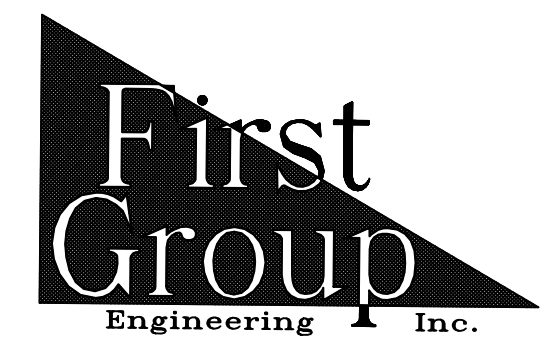
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	7 of XX
CONTRACT	PROJECT
R-42312	1901902



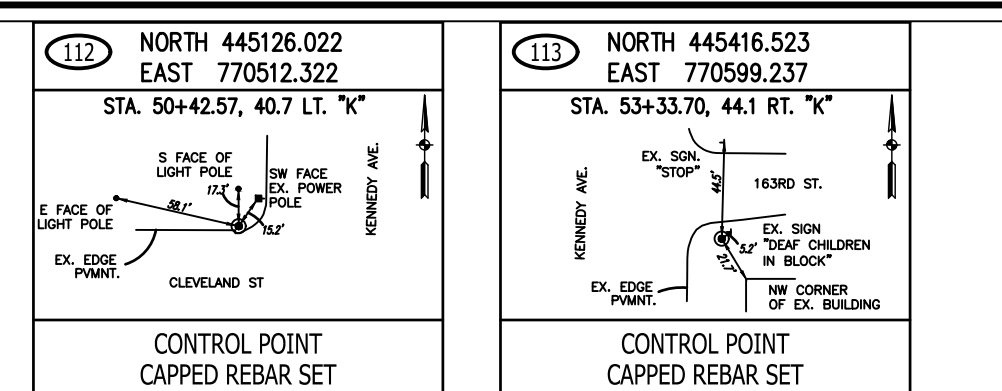
All Existing Topography Described From Line "E"

T.B.M. No. 12 Bench Tie 1.7' Above Ground E. Side Pwp. N.W. Cor. Cleveland St./Kennedy Ave. Sta. 50+55.78 "K", 29.91' Lt. Elev. 595.17

T.B.M. No. 13 Bench Tie 1.7' Above Ground E. Side Pwp. Sta. 53+83.99 "K", 31.20' Lt. Elev. 595.20



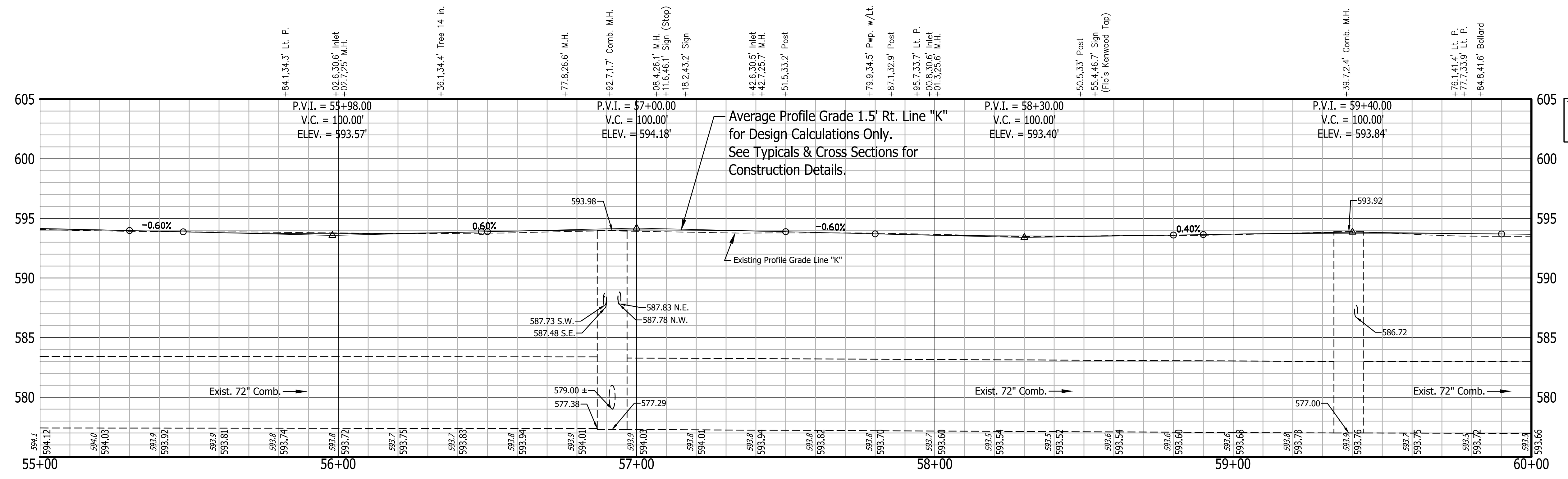
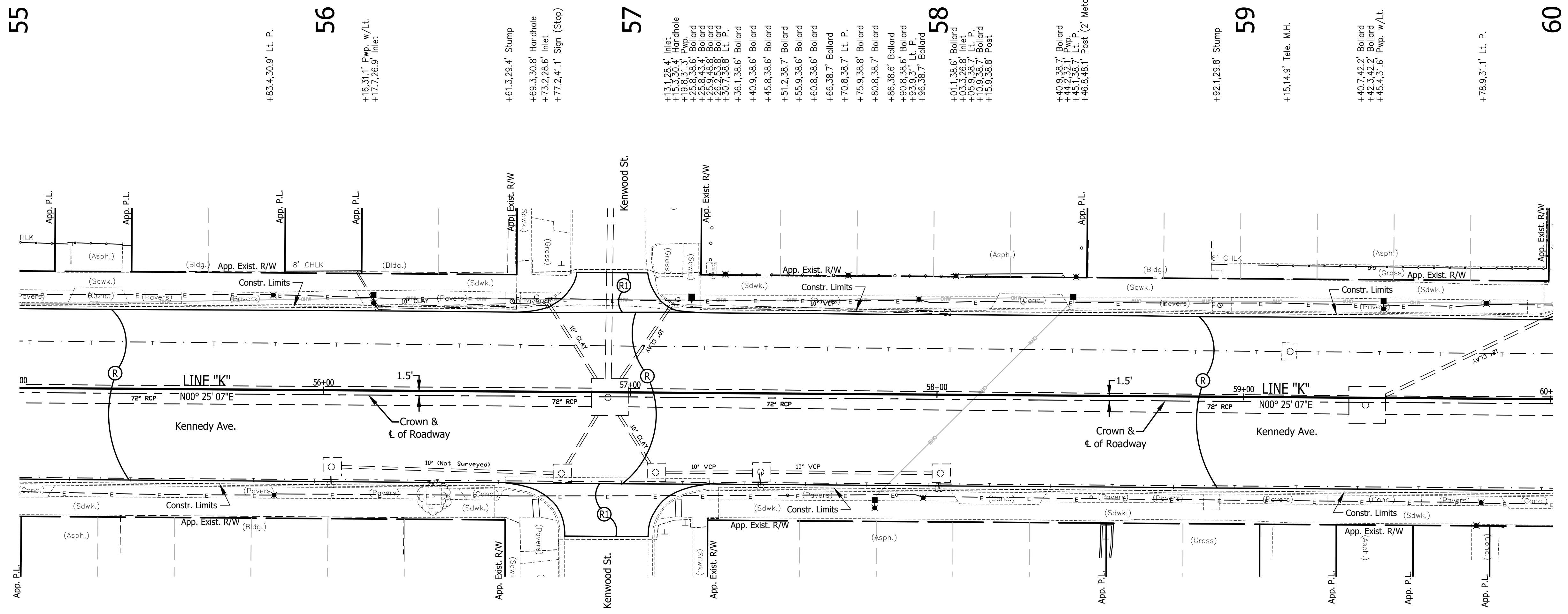
5925 Lakeside Blvd.
Indianapolis, Indiana 46278
Phone (317) 290-9549



RECOMMENDED FOR APPROVAL _____ DATE _____
DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
KENNEDY AVE.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	8 of XX
CONTRACT	PROJECT
R-42312	1901902



All Existing Topography Described From Line "E"
 T.B.M. No. 14 Bench Tie 1.7' Above Ground E. Side Pwp.
 N.W. Cor. Kentwood St./Kennedy Ave.
 Sta. 57+19.76 "K", 30.56' Lt.
 Elev. 595.11

55

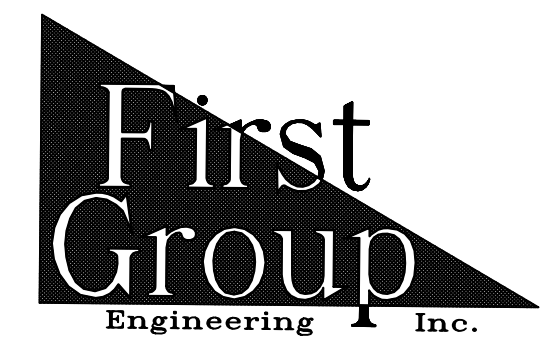
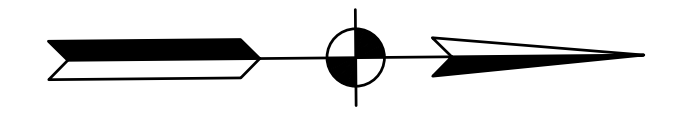
56

57

58

59

60



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

111 NORTH 445799.114
 EAST 770518.371
 STA. 57+15.68, 39.6 LT. "K"
 CONTROL POINT
 CAPPED REBAR SET

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: T.F.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
KENNEDY AVE.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	9 of XX
CONTRACT	PROJECT
R-42312	1901902

60
 +06.9,4.5,4' Sign (Stop)
 +07.4,30.7' C.B.
 +29.6,9.3' Comb. M.H.
 +42.3,44.7' Lt. P.
 +46.7,31.6' Pwp.
 +51.39.4' Sign
 (Ace Hardware)

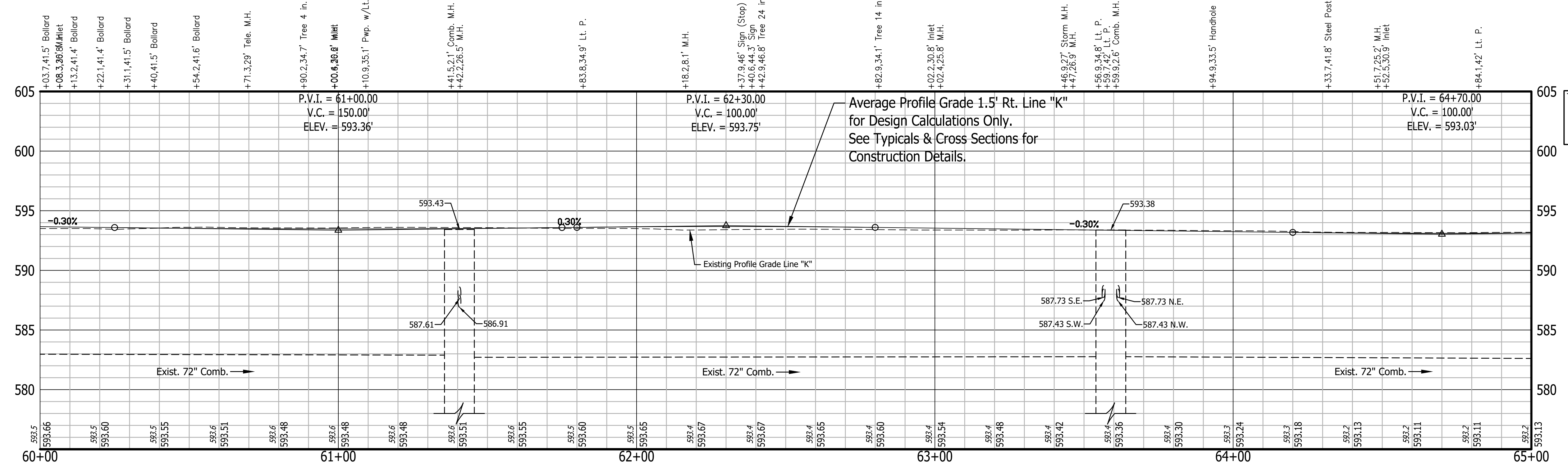
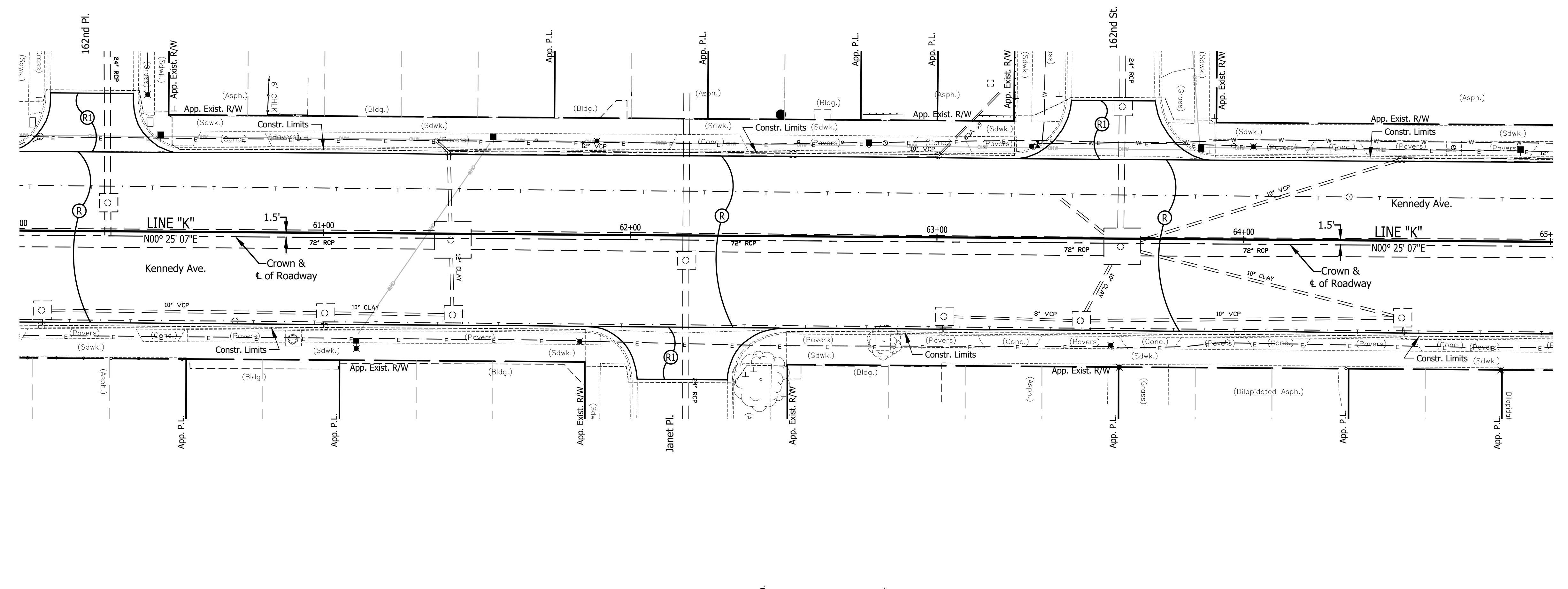
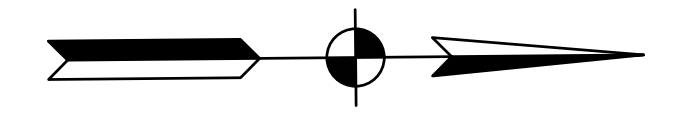
61
 +36.6,30.2' C.B.
 +40.7,26.6' Inlet
 +55.3,1.7' Pwp.
 +69.1,30.7' Post
 +84.4,30.1' Post
 +88.9,30.6' Lt. P.

62
 +43.3,38.1' Ballard
 +43.8,38.7' Flag Pole
 +44.9,40.3' Ballard
 +49.2,37.7' Ballard
 +54.6,30.9' Post
 +68.3,0.8' Post
 +77.6,30.7' Pwp.
 +82.9,30.7' Stump

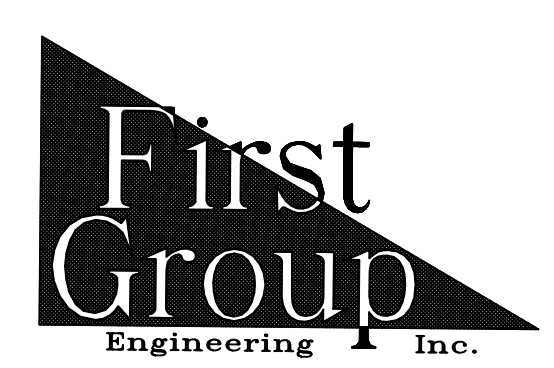
63
 +00.2,26.7' Inlet
 +17.5,0.4' Inlet
 +25.4,45.5' Sign
 (Handicap)
 +30.6,29.9' F.Hyd.
 +32.6,30.7' W.V.
 +39.5,46.2' Sign (Stop)
 +60.1,43.7' M.H.

64
 +85.9,29.6' Pwp.
 +90.3,39.3' Sign
 (Mike's Auto Service)
 +96.0,30.6' Handhole
 +02.9,30.3' Lt. P.
 +34.3,14.1' Tele. M.H.
 +51.3,26.5' Inlet
 +68.2,30.5' Stump
 +90.1,30.7' Pwp.

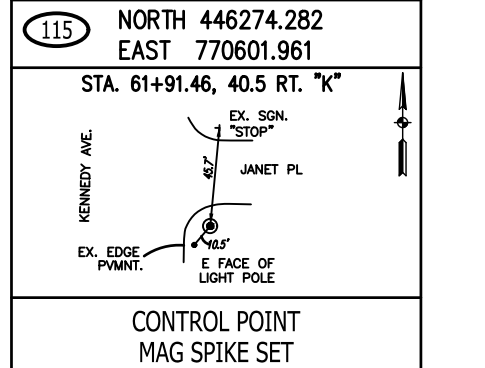
65



All Existing Topography Described From Line "E"
 T.B.M. No. 15 Bench Tie 1.7' Above Ground E. Side Pwp.
 #95-927.82' S. of C.L. 162nd St. along
 W. Side of Kennedy Ave.
 Sta. 62+77.62 "K", 29.90' Lt.
 Elev. 594.88



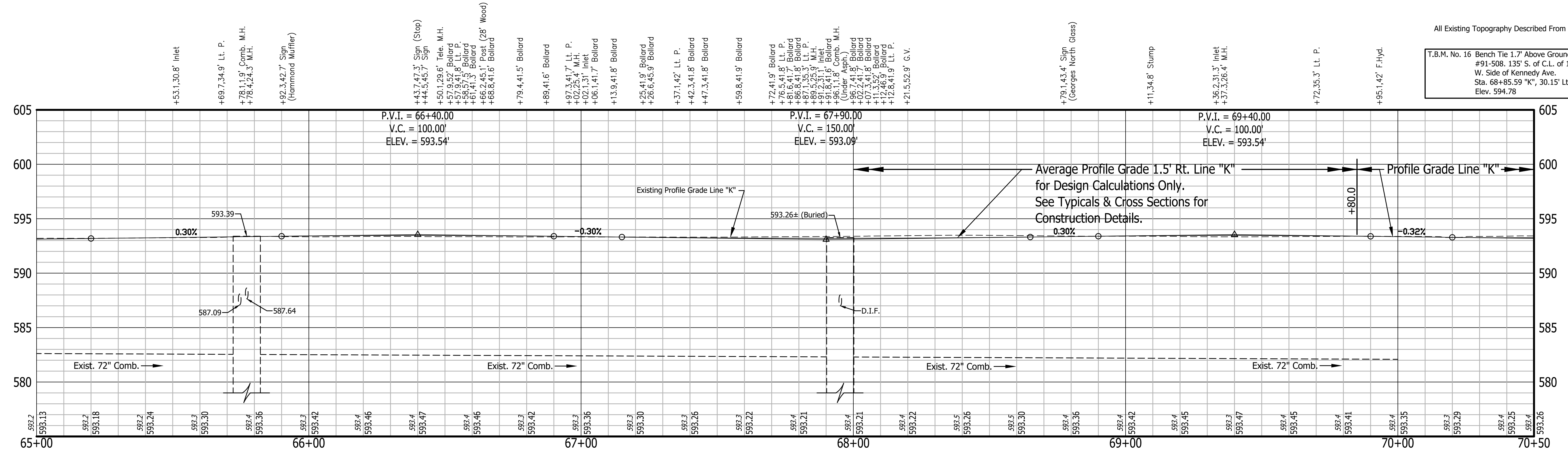
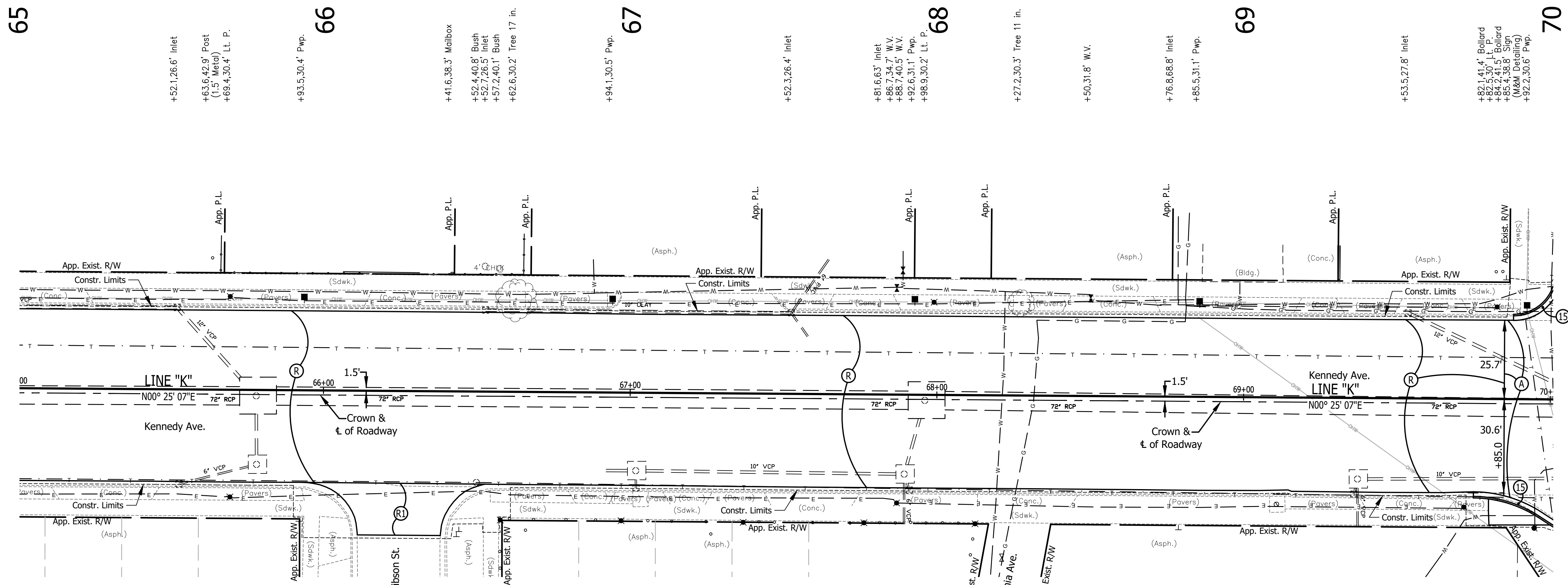
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549



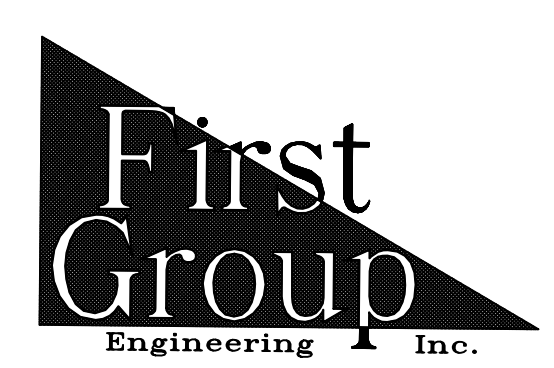
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: T.F.S. DRAWN: T.F.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN & PROFILE
 KENNEDY AVE.

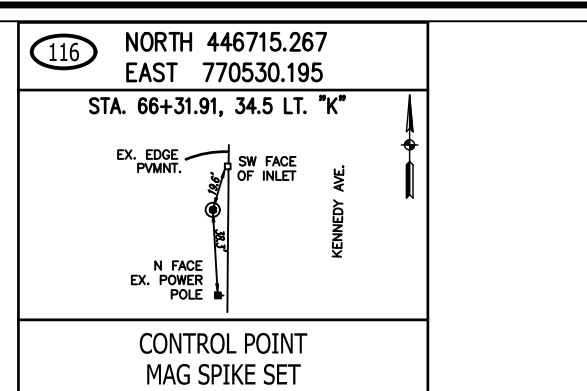
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 10 of XX
CONTRACT R-42312	PROJECT 1901902



All Existing Topography Described From Line "E"
 T.B.M. No. 16 Bench Tie 1.7' Above Ground E. Side Pwp. #91-508. 135' S. of C.L. of 161st St. along W. Side of Kennedy Ave. Sta. 68+85.59 "K", 30.15' Lt. Elev. 594.78



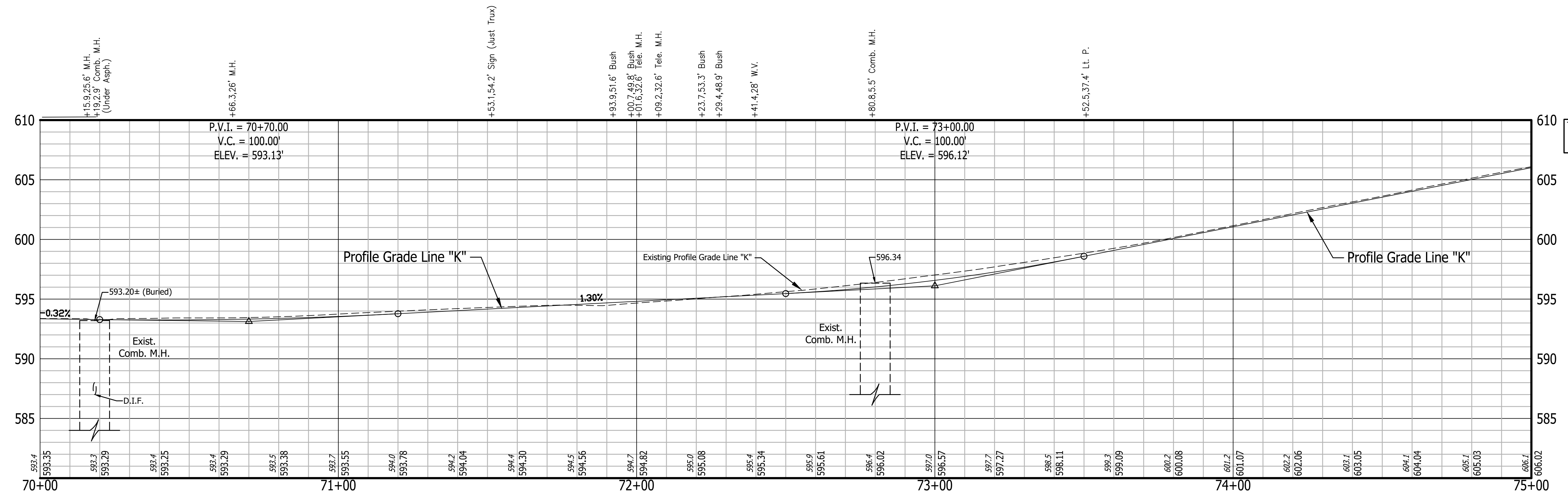
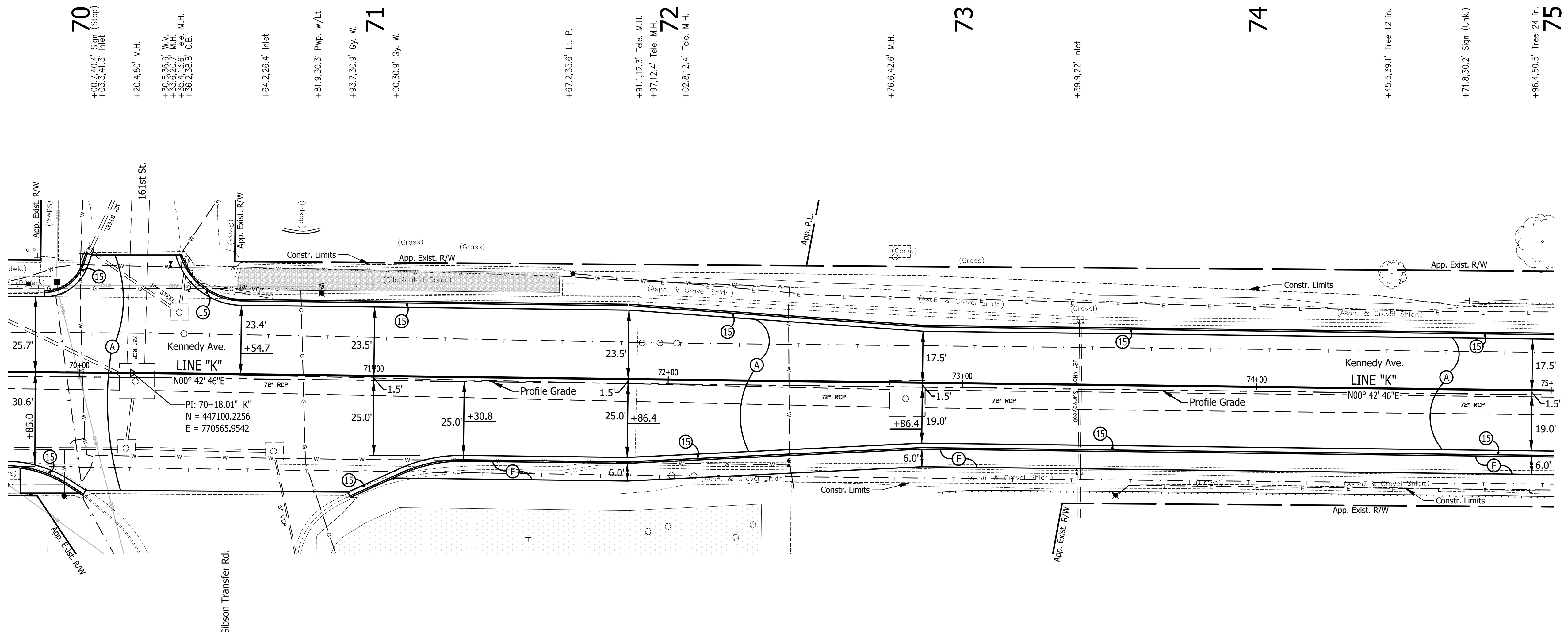
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: T.F.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

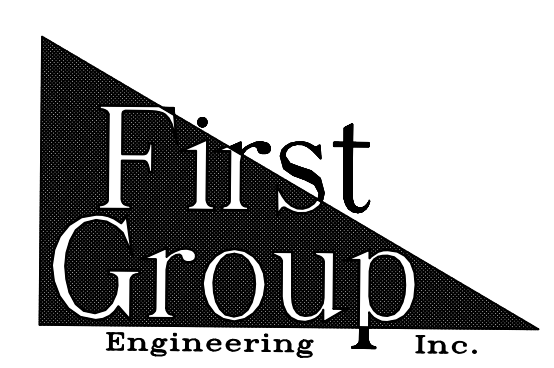
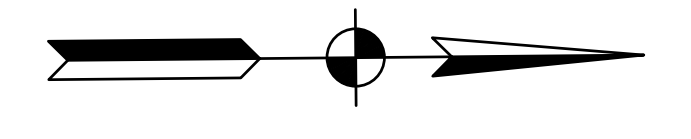
INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
KENNEDY AVE.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	11 of XX
CONTRACT	PROJECT
R-42312	1901902

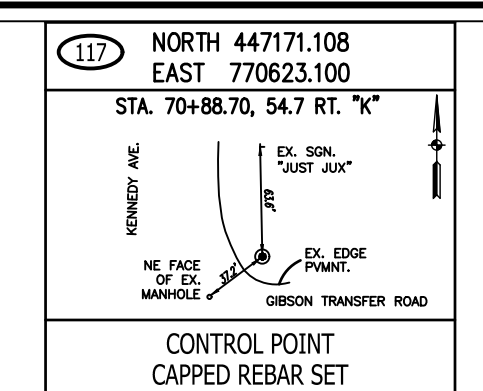


All Existing Topography Described From Line "E"
 T.B.M. No. 17 Cut "X" in W. Side Conc. Base of Light Pole
 Sta. 73+52.30 "K", 36.78' Rt.
 Elev. 598.94

- 70
 +03.749.4' Sign (Stop)
 +03.741.5' Inlet
 +20.4.80' M.H.
 +30.5.35.9' W.V.
 +35.9.11.6' Tele. M.H.
 +36.2.33.8' C.B.
- +64.2.26.4' Inlet
- +81.9.30.3' Pwp. w/Lt.
- 71
 +93.7.30.9' Gy. W.
 +00.30.9' Gy. W.
- +67.2.35.6' Lt. P.
- 72
 +91.1.12.3' Tele. M.H.
 +97.12.4' Tele. M.H.
 +02.8.12.4' Tele. M.H.
- 73
 +76.6.42.6' M.H.
- +39.9.22' Inlet
- 74
 +45.5.39.1' Tree 12 in.
- 75
 +71.8.30.2' Sign (Unk.)
 +96.4.50.5' Tree 24 in.



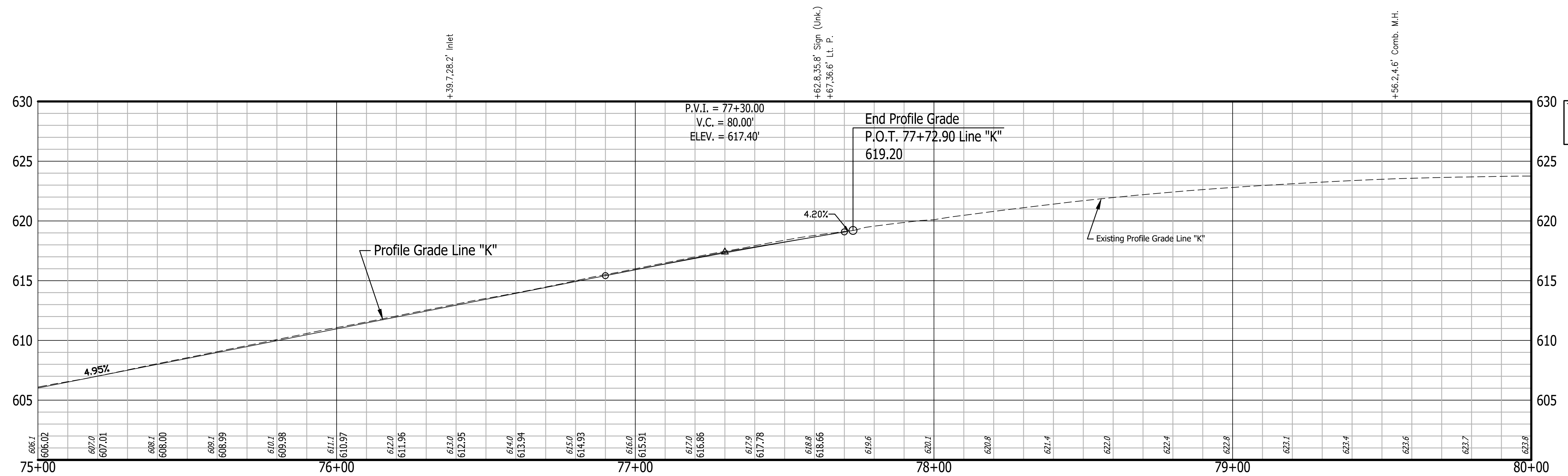
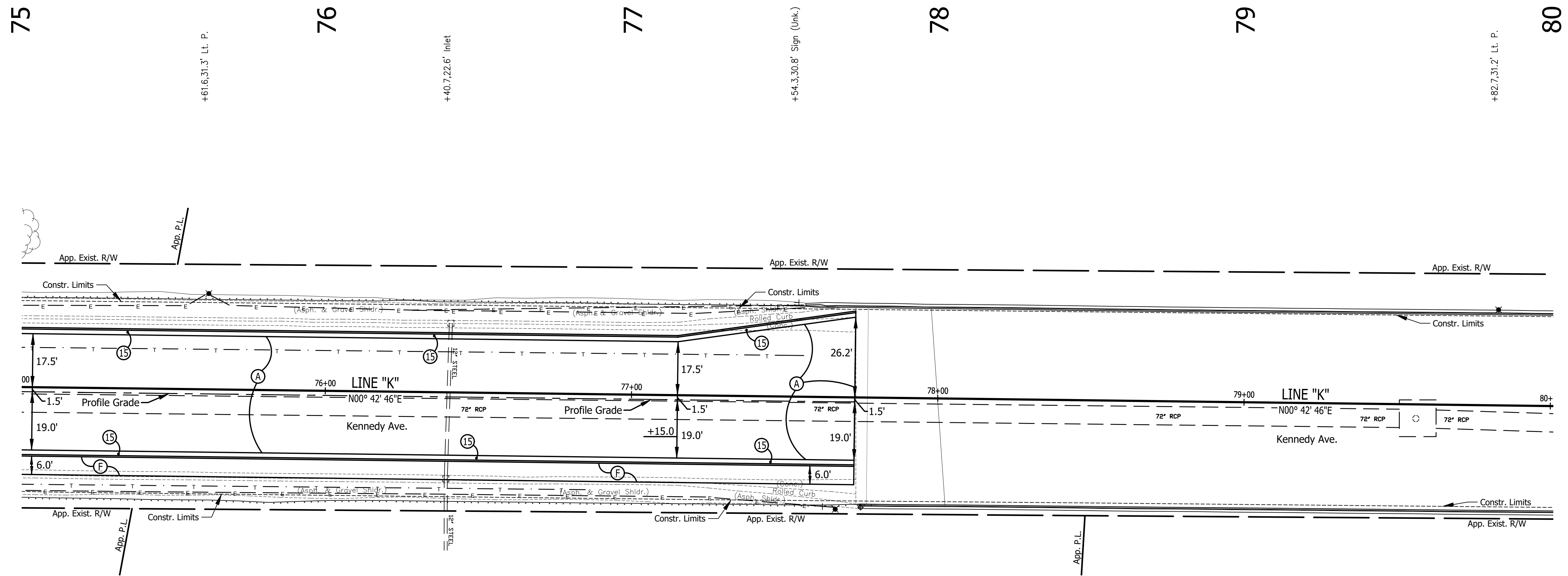
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549



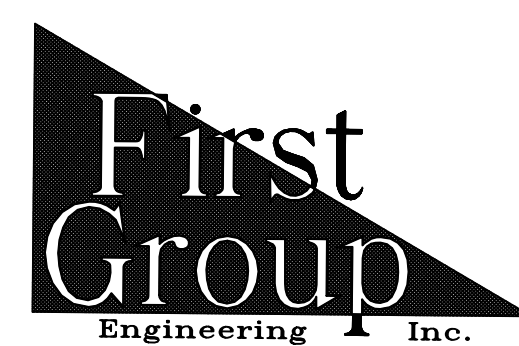
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: T.F.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
KENNEDY AVE.

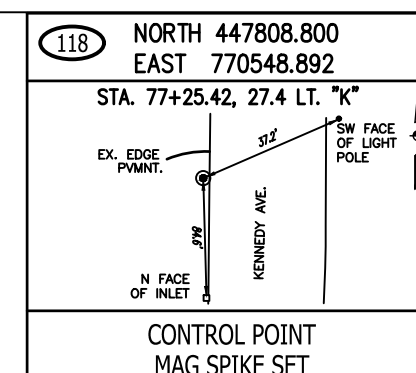
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	12 of XX
CONTRACT	PROJECT
R-42312	1901902



All Existing Topography Described From Line "E"
 T.B.M. No. 18 Cut "X" in End of Top of Barrier Wall
 S.E. Cor. of Kennedy Ave. Bridge
 Sta. 77+75.23 "K", 35.89' Rt.
 Elev. 621.45



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

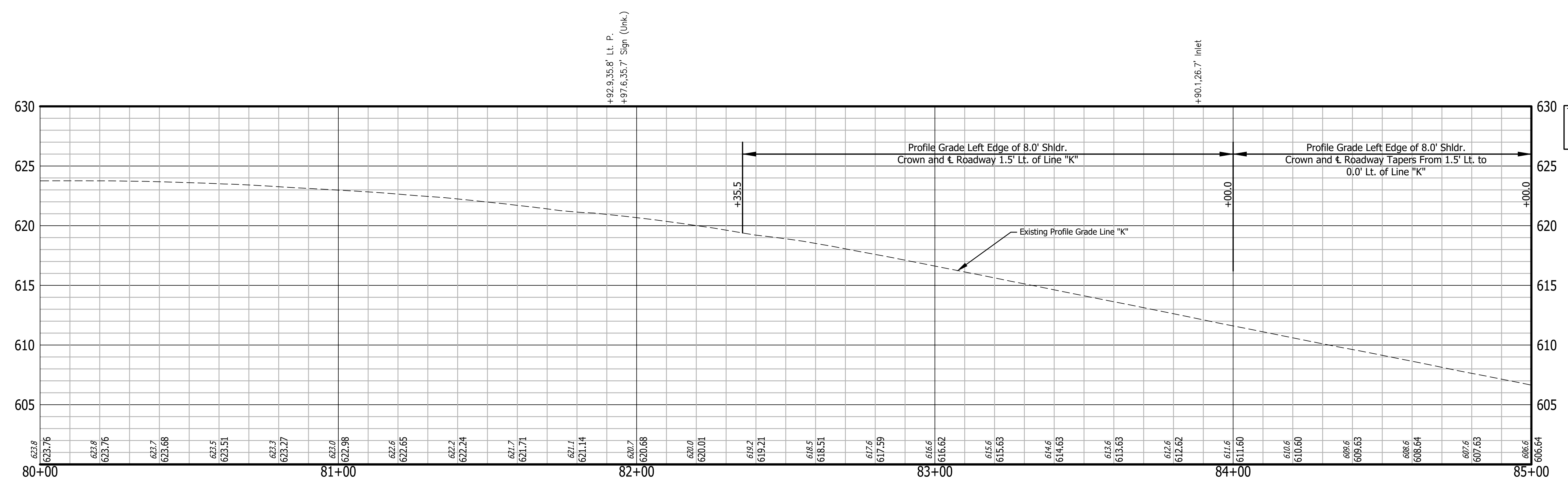
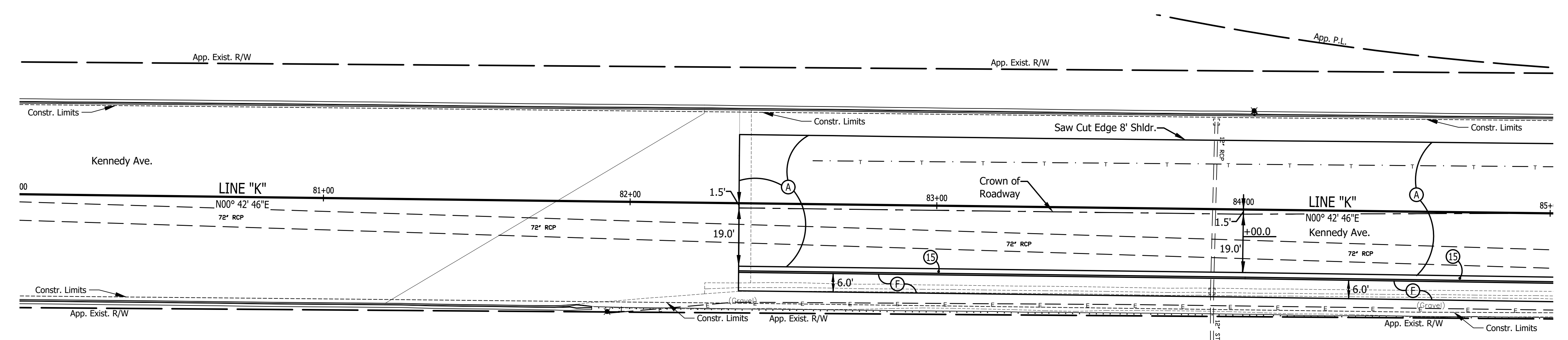
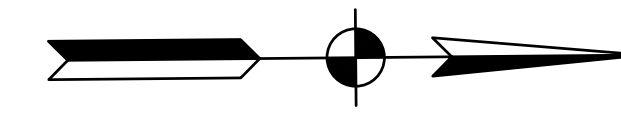


RECOMMENDED FOR APPROVAL _____ DATE _____
 DESIGN ENGINEER
 DESIGNED: T.F.S. DRAWN: T.F.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

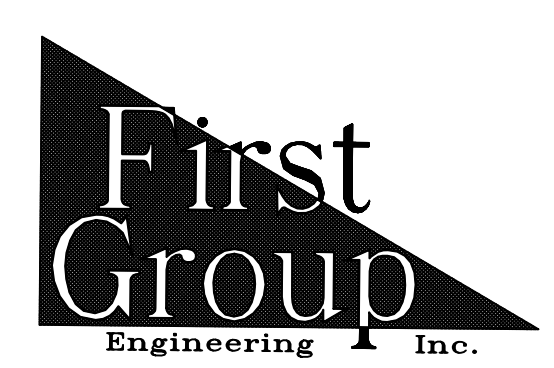
INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN & PROFILE
 KENNEDY AVE.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	13 of XX
CONTRACT	PROJECT
R-42312	1901902

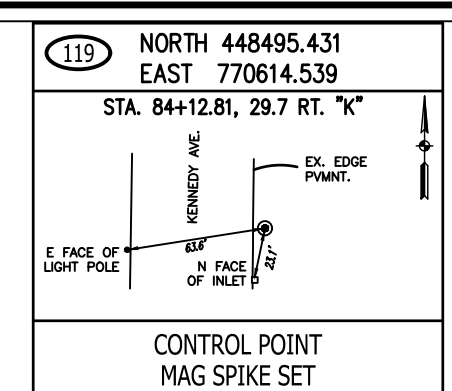
80 81 82 83 84 85



All Existing Topography Described From Line "E"
 T.B.M. No. 19 Cut "X" in West End of Top of Barrier
 1385' N. of C.L. of 161st St.
 Sta. 84+03.20 "K", 31.46' Lt.
 Elev. 613.57



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549



RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: T.F.S.	DRAWN: T.F.S.		
CHECKED: D.W.C.	CHECKED: D.W.C.		

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE KENNEDY AVE.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	14 of XX
CONTRACT	PROJECT
R-42312	1901902

85

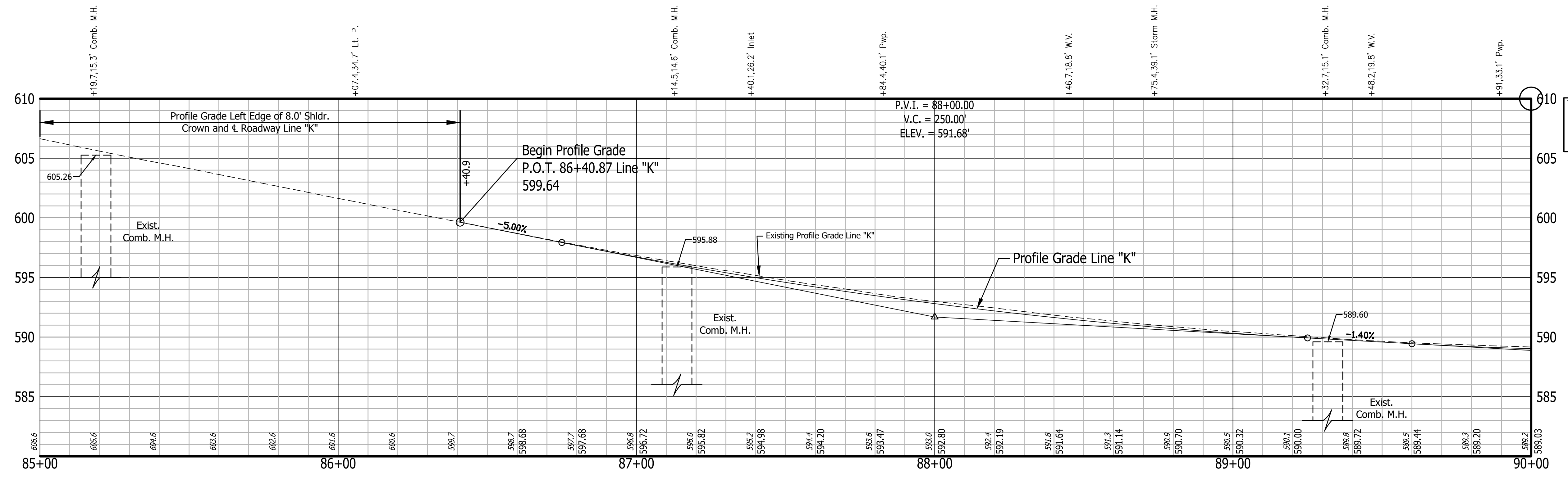
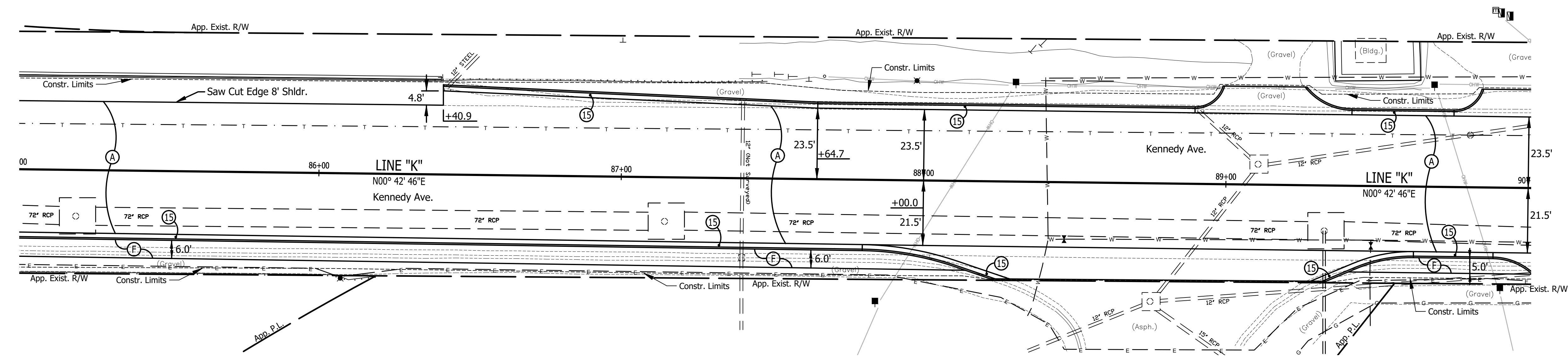
86

87

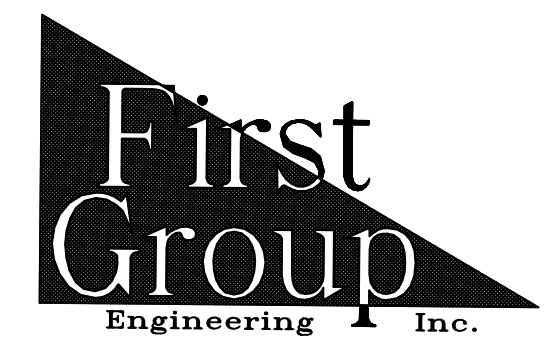
88

89

90



T.B.M. No. 20 Bench Tie 1.7' Above Ground W. Side Pwp.
 #76-311. 605' S. of C.L. of Michigan St.
 Along E. Side of Kennedy Ave.
 Sta. 89+90.98 "K", 32.76' Rt.
 Elev. 591.10



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: T.F.S. DRAWN: T.F.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN & PROFILE
 KENNEDY AVE.

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 15 of XX
CONTRACT R-42312	PROJECT 1901902

90

- +17.2,35.1' Pwp.
- +29.9,24.9' Inlet
- +43.9,48.1' Gas Marker
- +50.7,48.8' Gas Marker
- +53.5,48.7' Post (Metal)
- +79.2,45.5' Gas Marker
- +82.4,48.8' Gas Marker
- +88.8,49' Gas Marker
- +02.5,40.5' Post (6.5" Metal)
- +03.9,41.3' C.V.
- +19.4,34.6' Pwp.

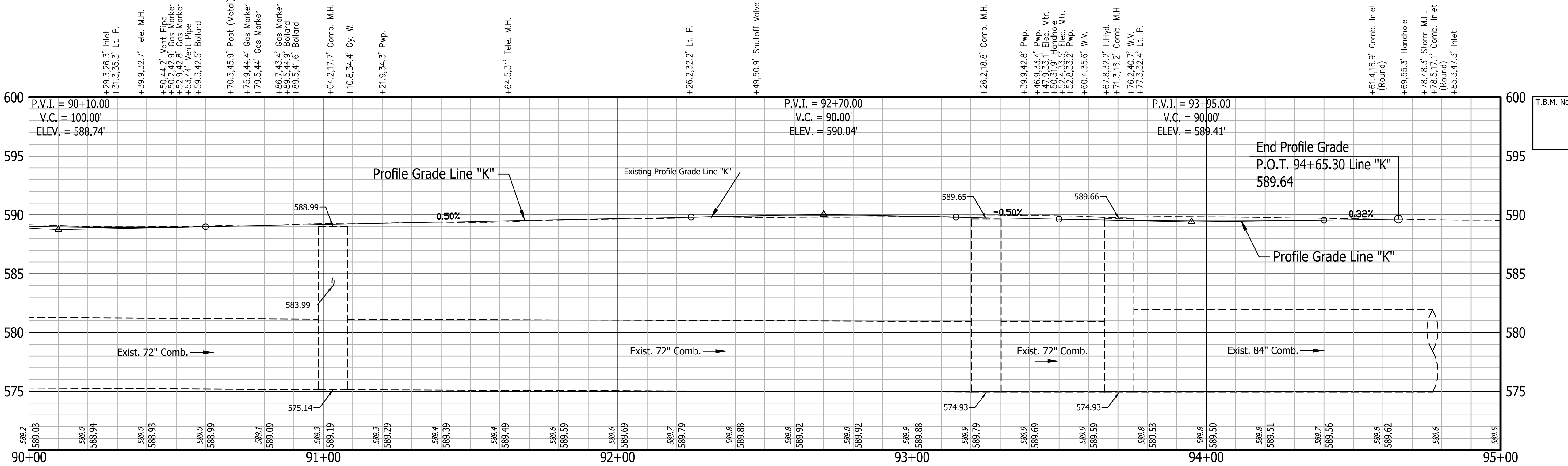
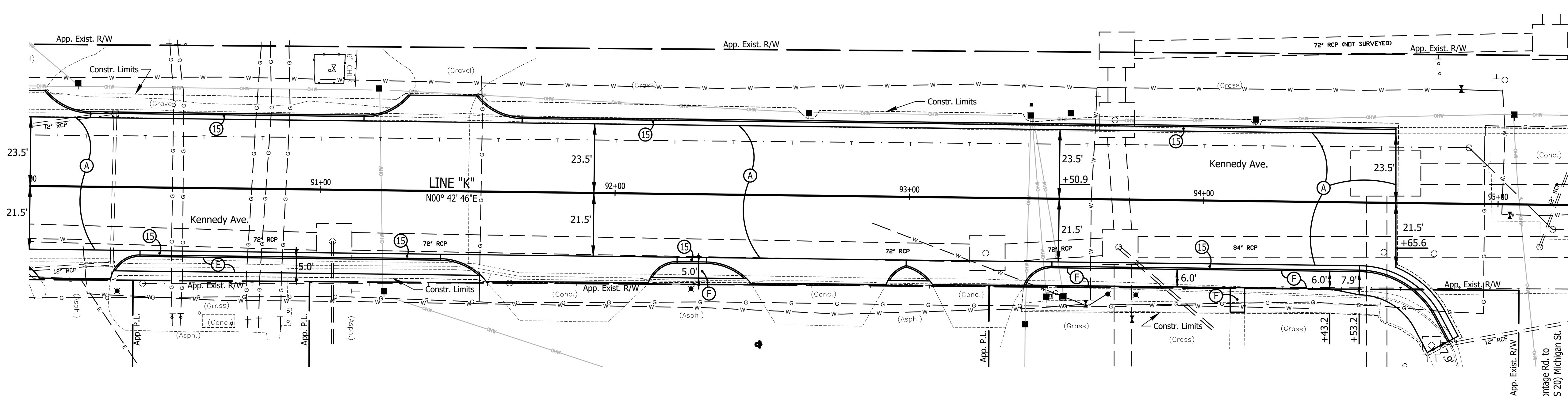
91

92

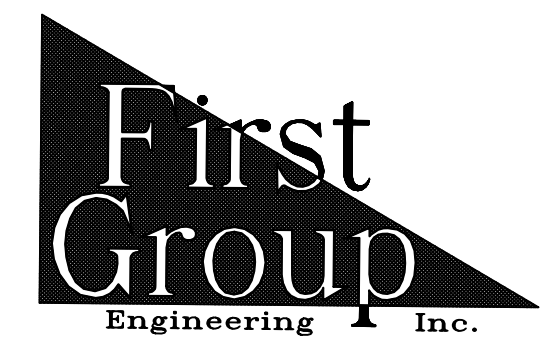
93

94

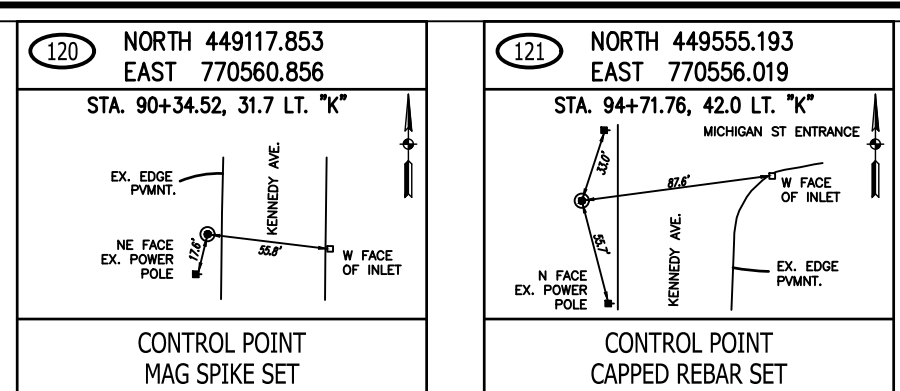
95



T.B.M. No. 21 Bench Tie 1.7' Above Ground E. Side Pwp.
 #58-156. 177' S. of C.L. of Michigan St.
 Along W. Side of Kennedy Ave.
 Sta. 94+17.33 "K", 326.87' Lt.
 Elev. 591.55



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: T.F.S.	DRAWN: T.F.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

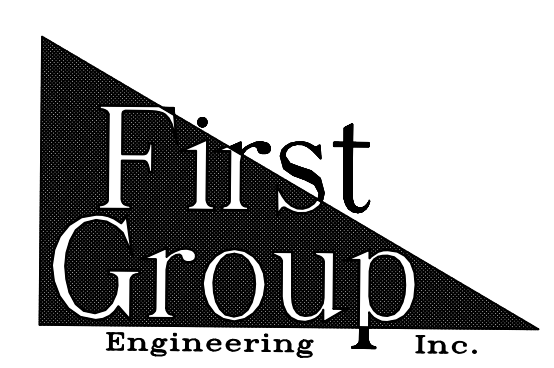
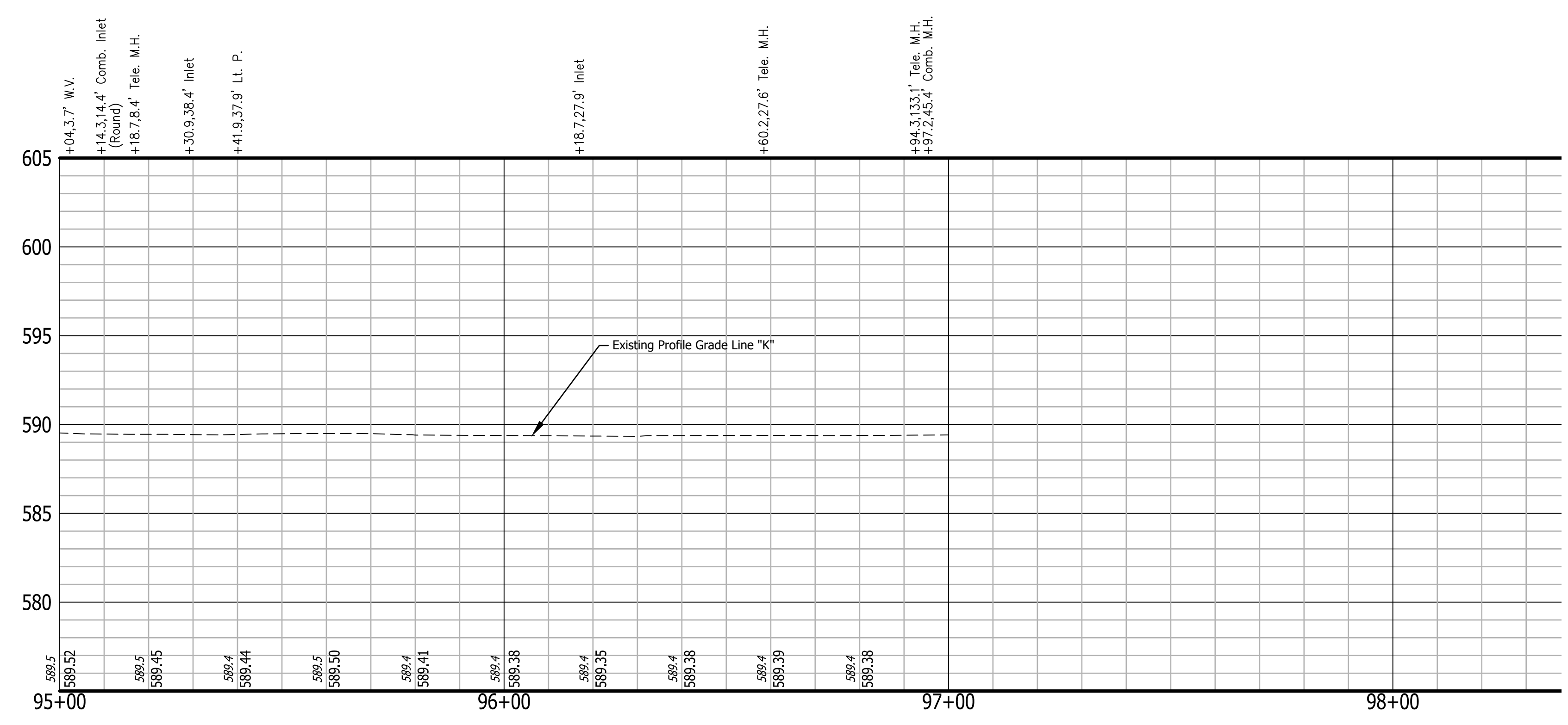
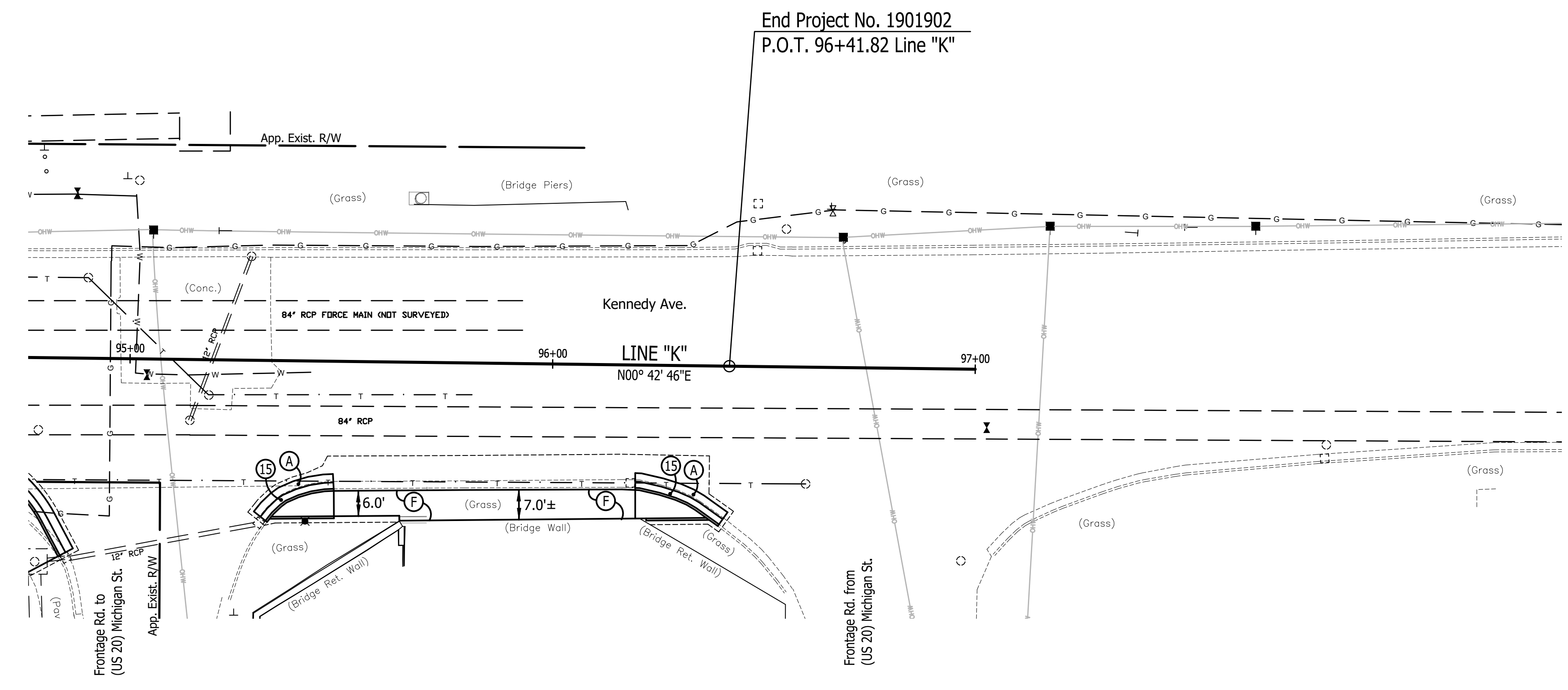
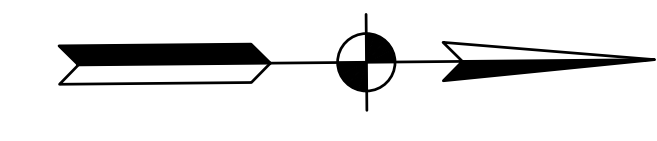
INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
KENNEDY AVE.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	16 of XX
CONTRACT	PROJECT
R-42312	1901902

95
 +01.8,42.2' Water, M.H.
 +05.2,30.5' Pwp.
 +20.7,30.6' Cy. W.
 +28.5,24.6' Inlet (Round)

96

97
 +48.1,27.4' Inlet
 +48.2,36.6' Inlet
 +54.9,32.6' Tele. M.H.
 +65.5,37.4' Sign
 +65.9,37.5' C.V.
 (No. 58-154)
 +68.6,29.9' Pole



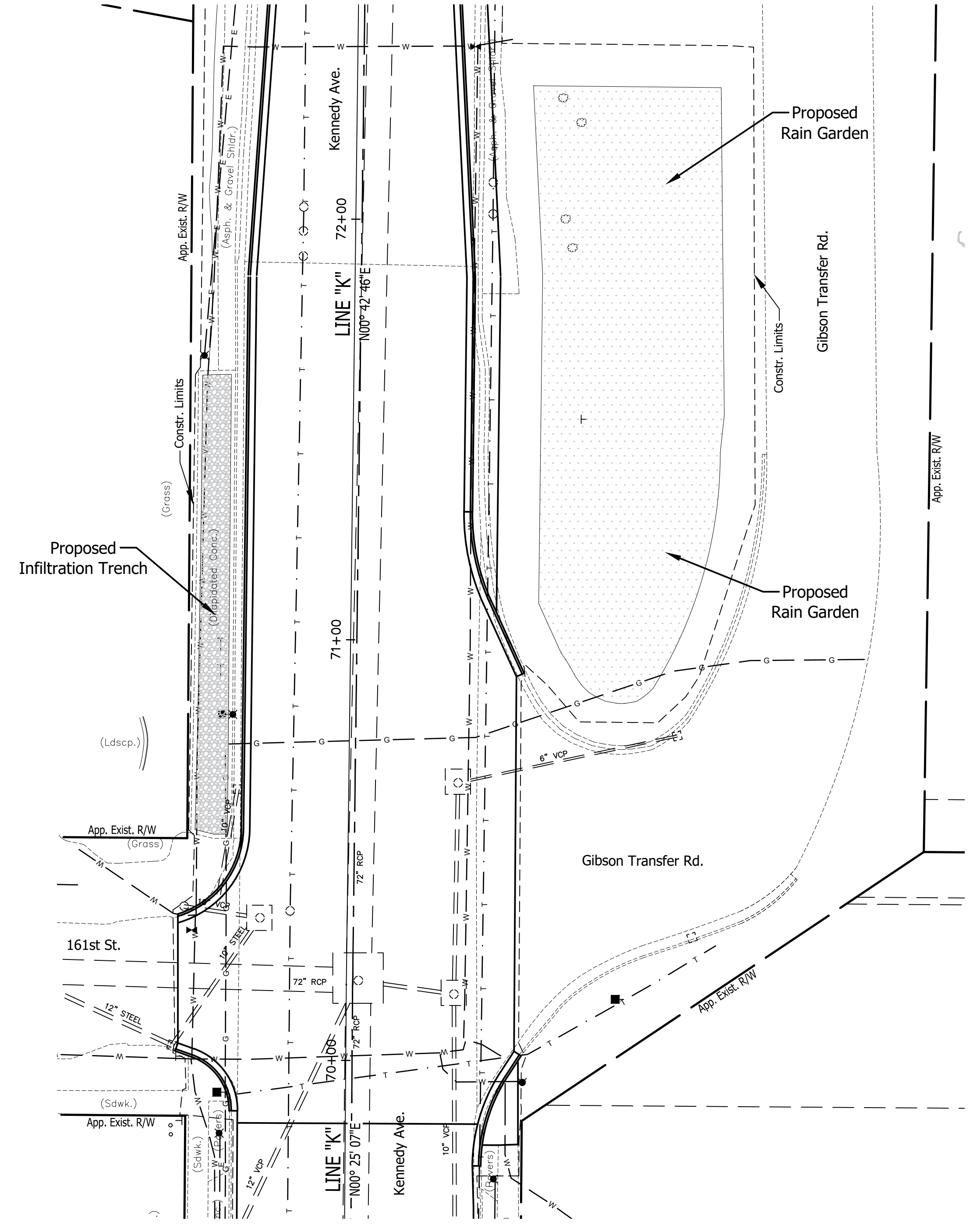
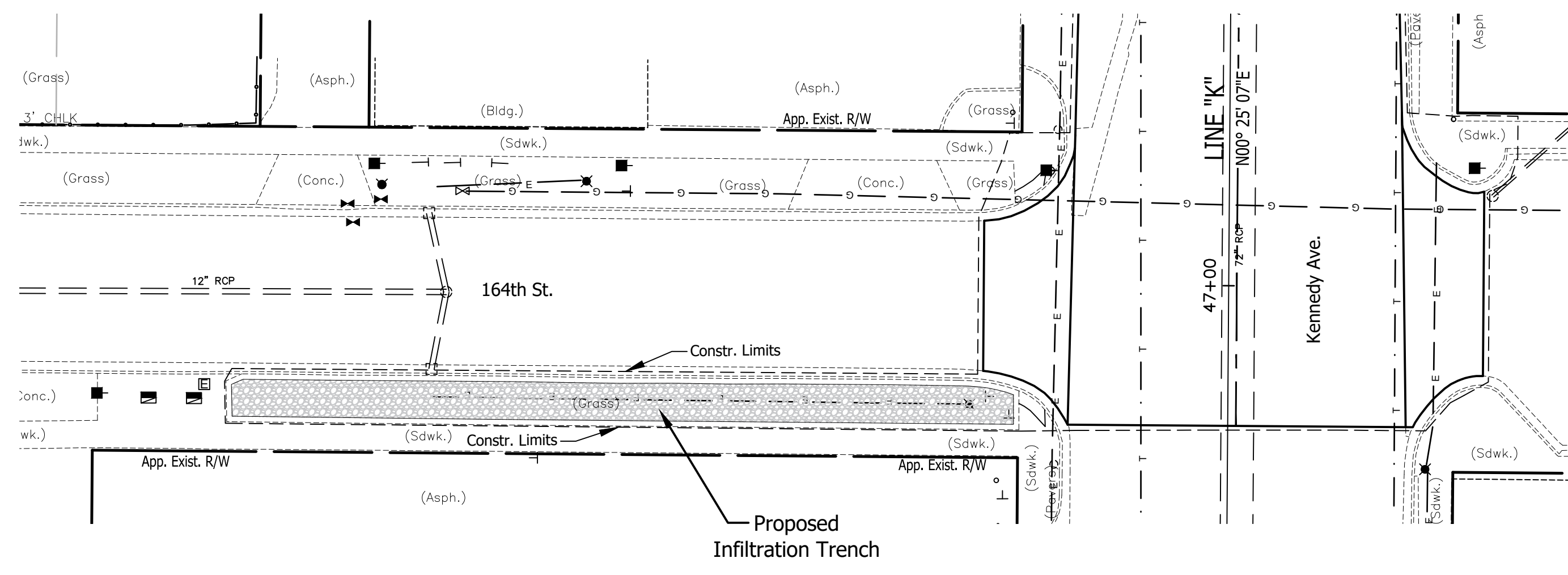
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____	DATE _____
DESIGNED: T.F.S.	DRAWN: T.F.S.
CHECKED: D.W.C.	CHECKED: D.W.C.

INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
 KENNEDY AVE.

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 17 of XX
CONTRACT R-42312	PROJECT 1901902



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./B.M.S.	DRAWN: B.M.S.	
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

GREEN
INFRASTRUCTURE DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	18 of XX
CONTRACT	PROJECT
R-42312	1901902

45

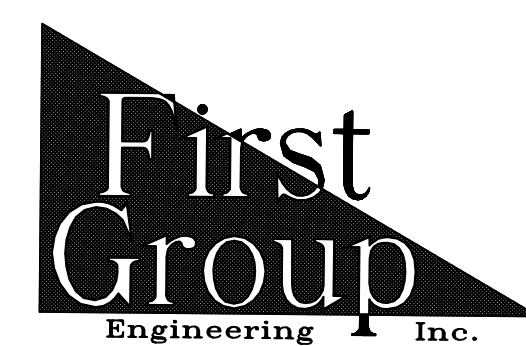
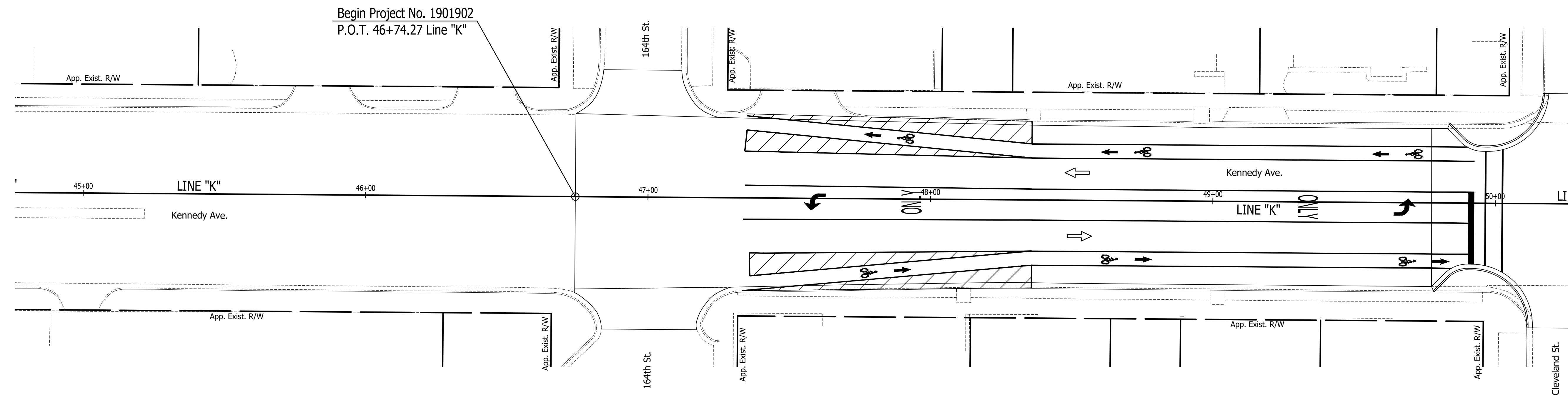
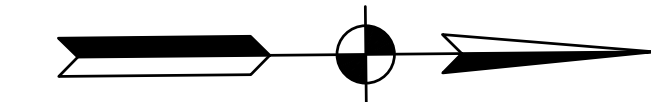
46

47

48

49

50



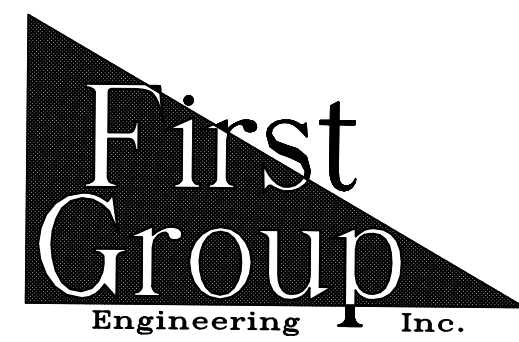
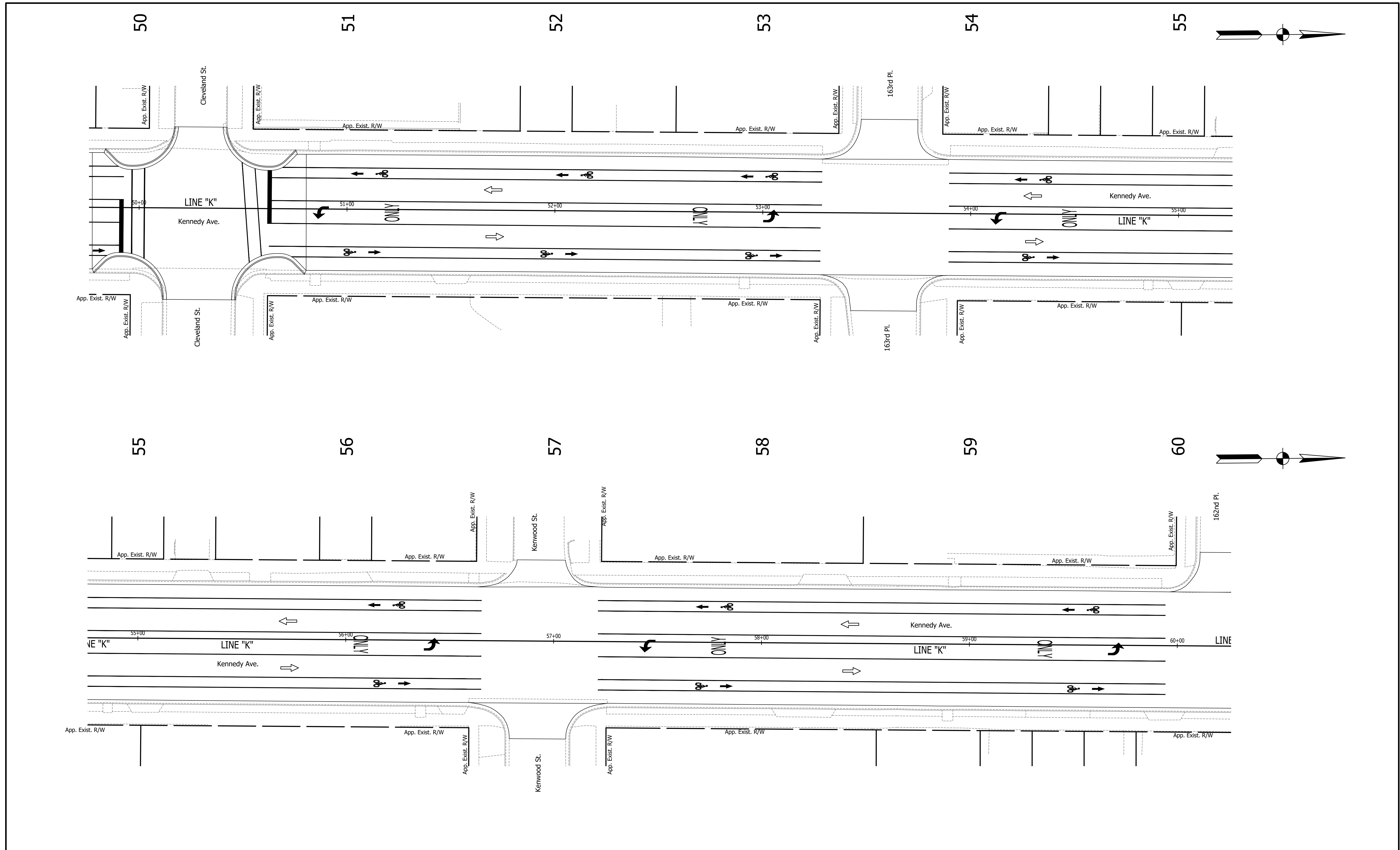
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: C.E.S./B.M.S.	DRAWN: T.F.S./B.M.S.		
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.		

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING &
 SIGNING DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	19 of XX
CONTRACT	PROJECT
R-42312	1901902

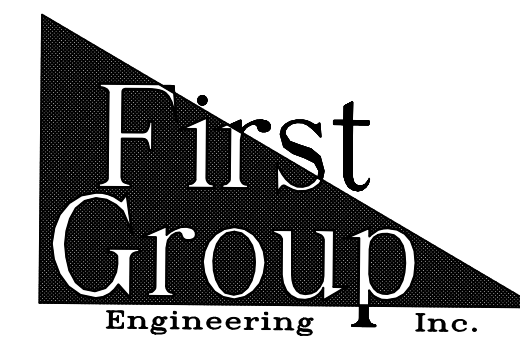
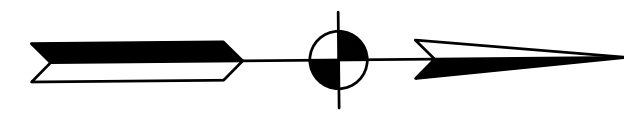
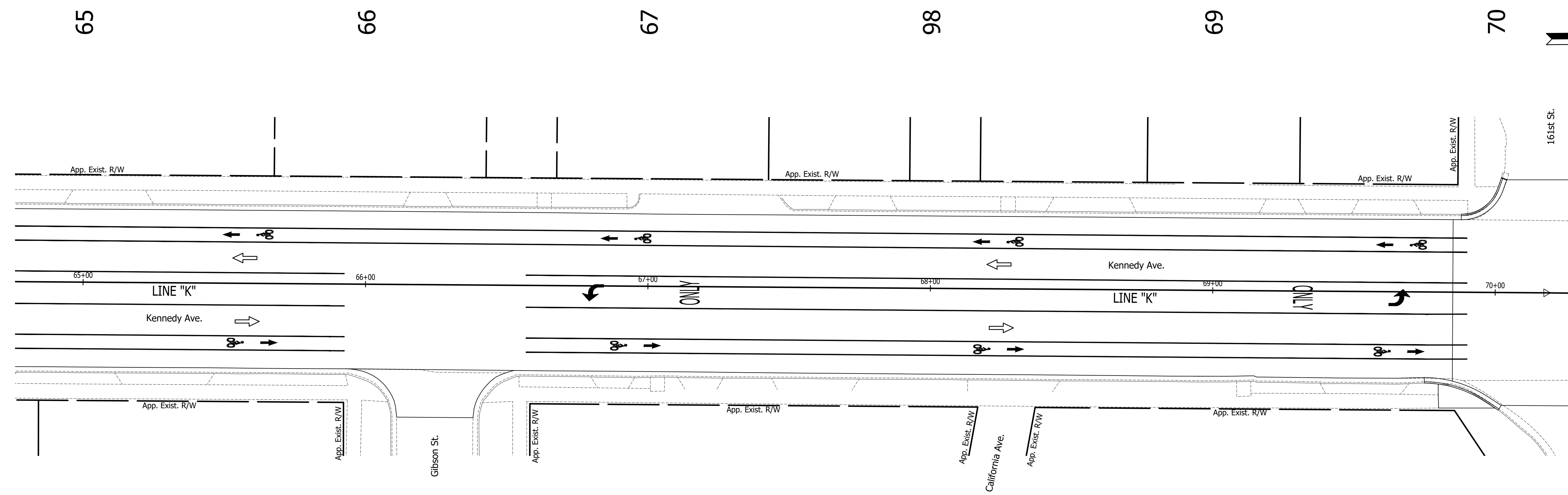
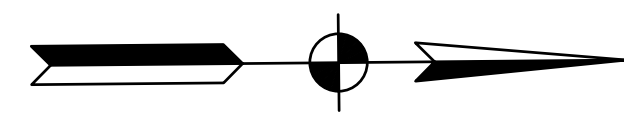
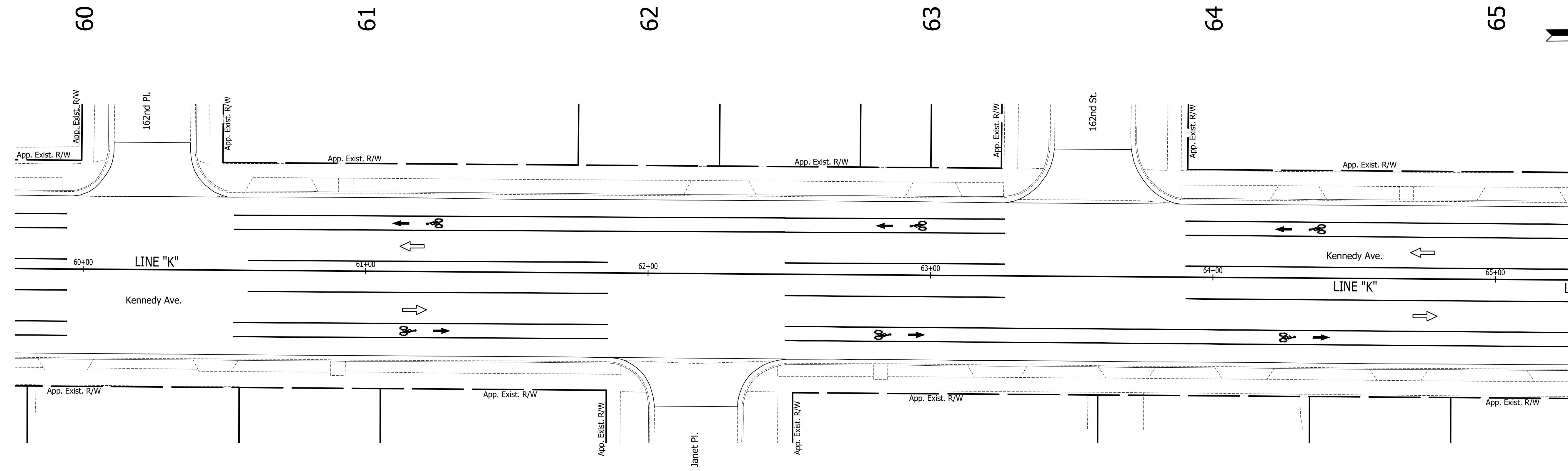


5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

FOR APPROVAL _____ DATE _____
 DESIGN ENGINEER
 DESIGNED: C.E.S./B.M.S. DRAWN: T.F.S./B.M.S.
 CHECKED: C.E.S./B.M.S. CHECKED: D.W.C.

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING &
 SIGNING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	20 of XX
CONTRACT	PROJECT
R-42312	1901902



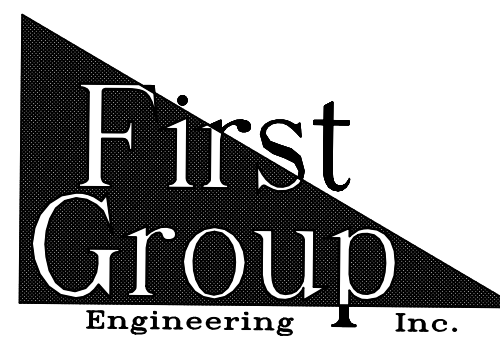
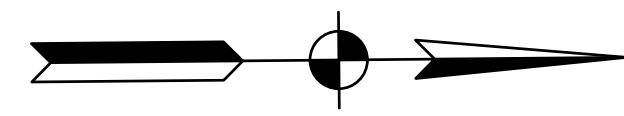
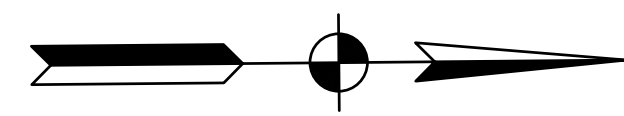
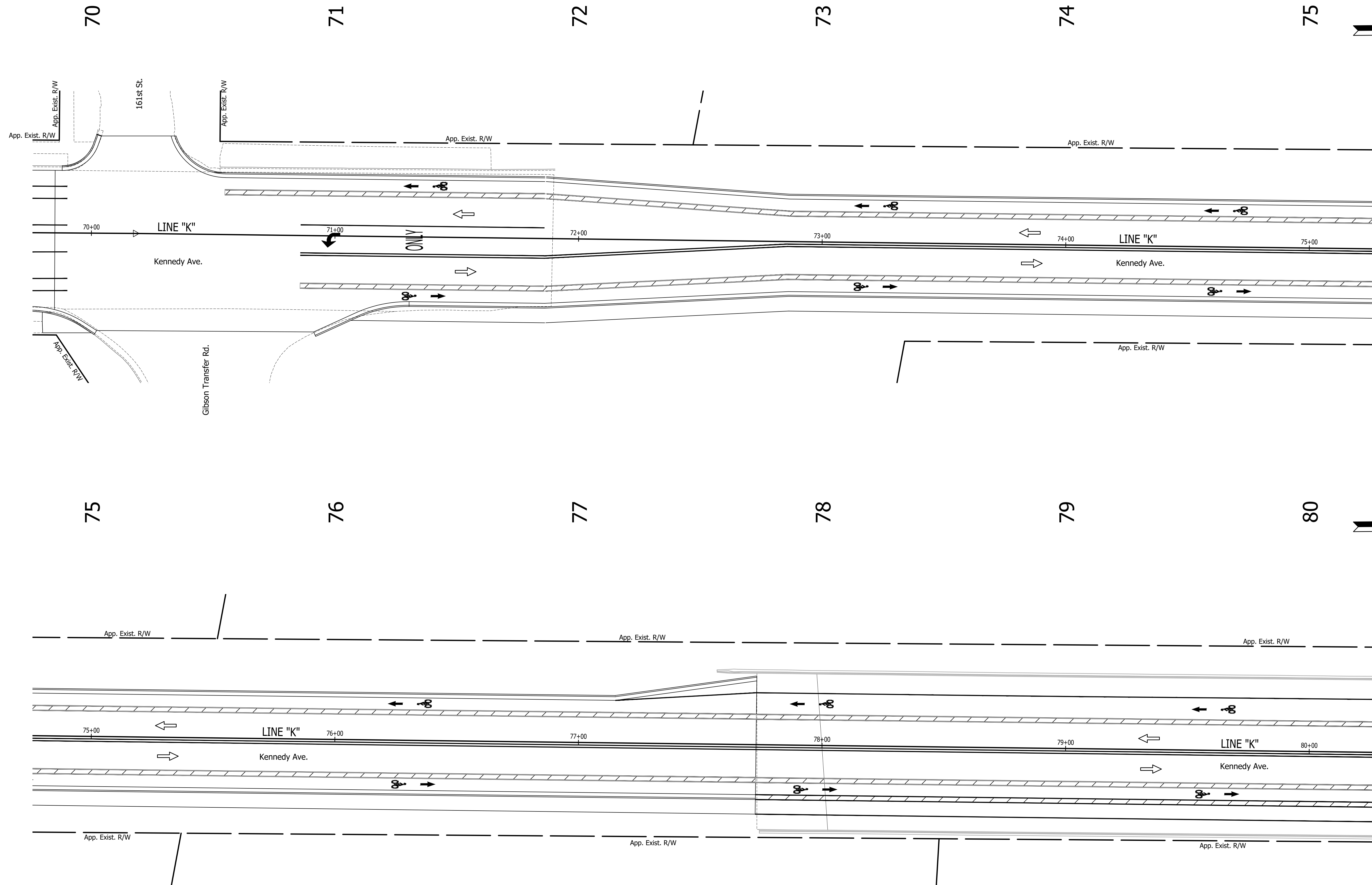
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

FOR APPROVAL _____		DATE _____
DESIGNED: C.E.S./B.M.S.	DRAWN: T.F.S./B.M.S.	
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING &
 SIGNING DETAILS**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 21 of XX
CONTRACT R-42312	PROJECT 1901902

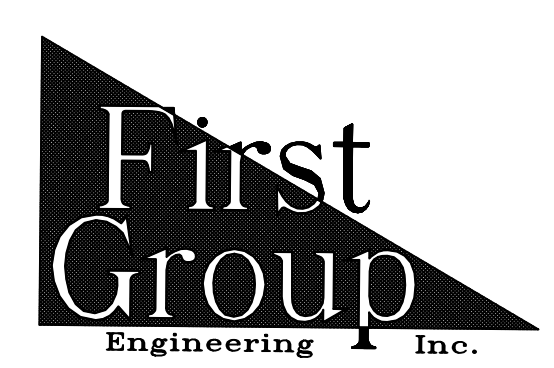
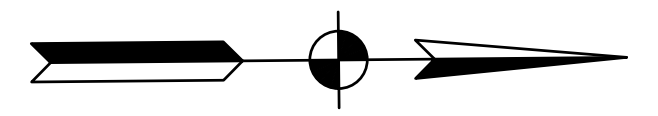
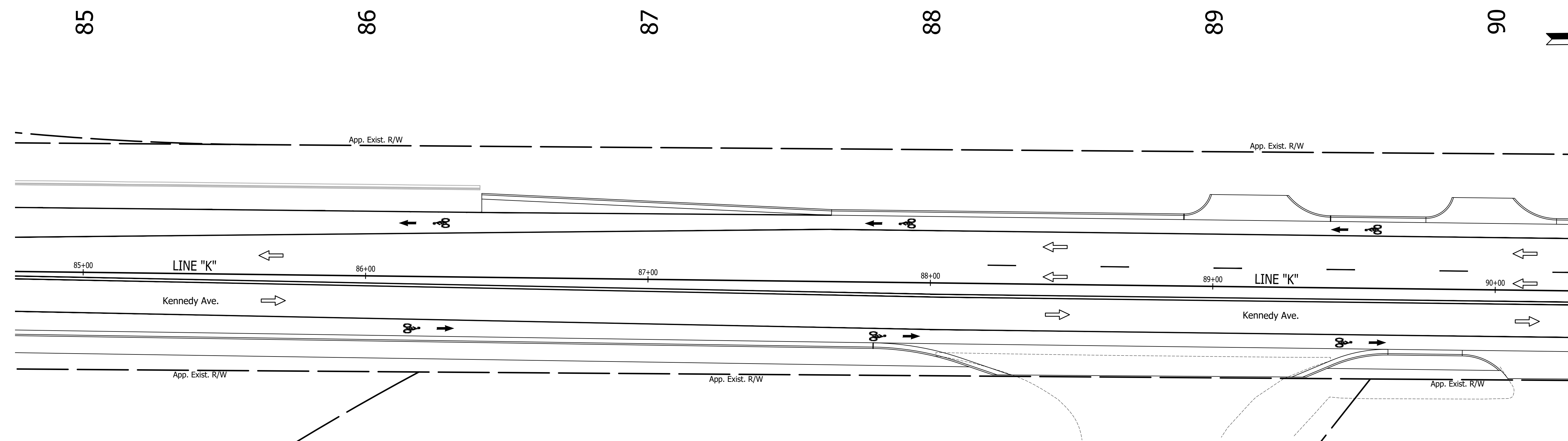
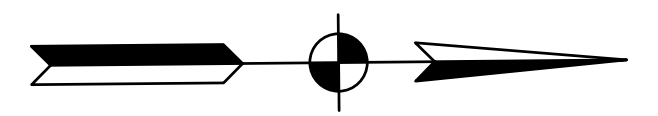
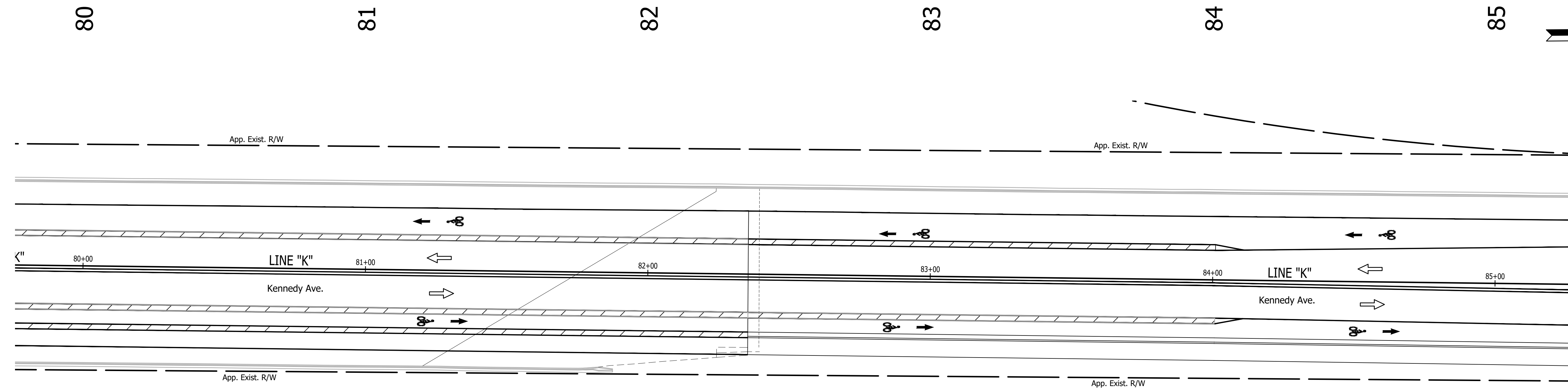


5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

FOR APPROVAL _____ DATE _____
 DESIGN ENGINEER
 DESIGNED: C.E.S./B.M.S. DRAWN: T.F.S./B.M.S.
 CHECKED: C.E.S./B.M.S. CHECKED: D.W.C.

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING &
 SIGNING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	22 of XX
CONTRACT	PROJECT
R-42312	1901902



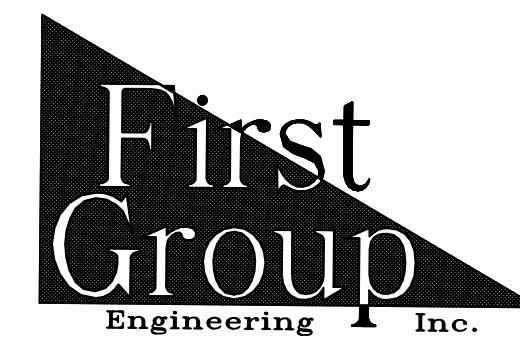
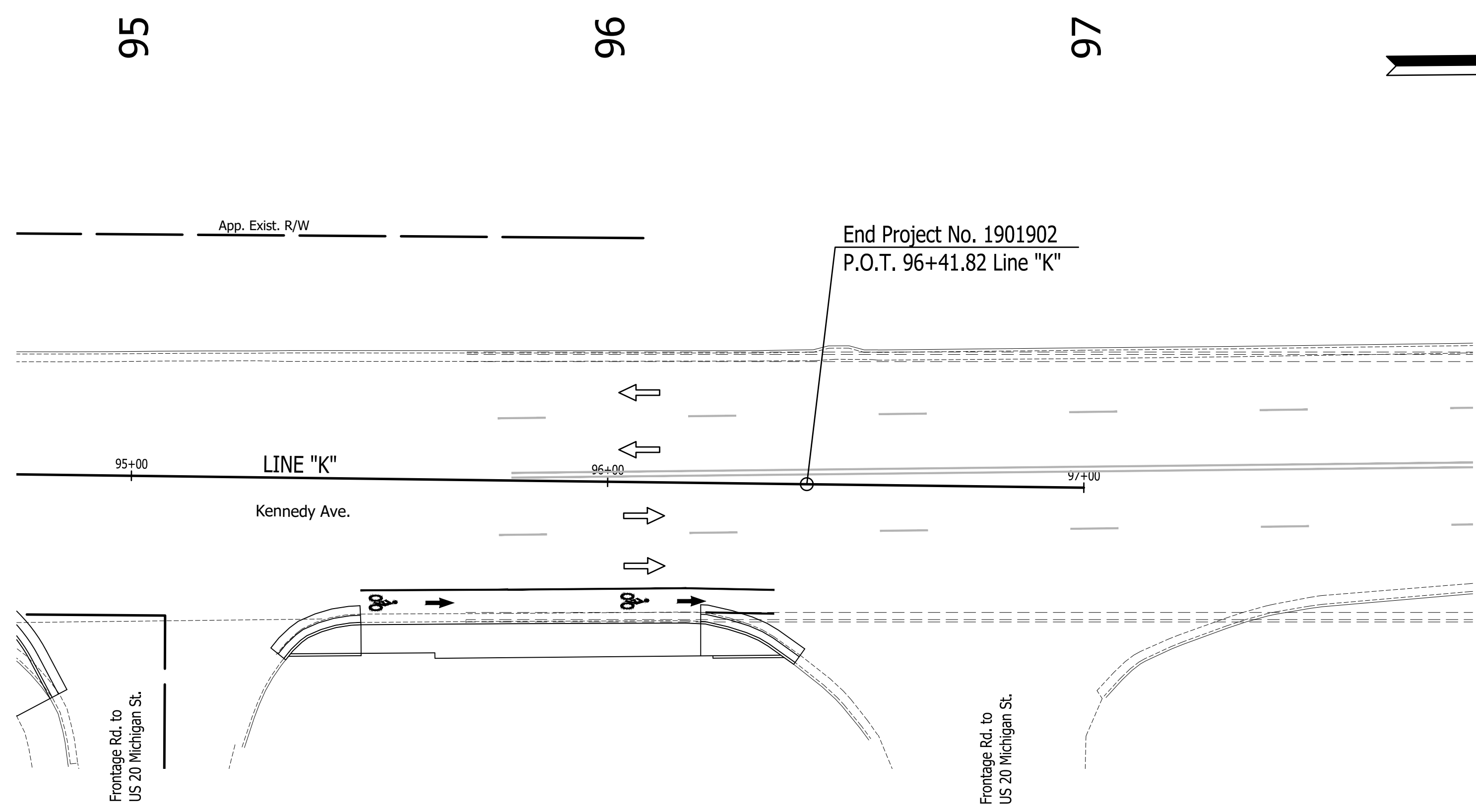
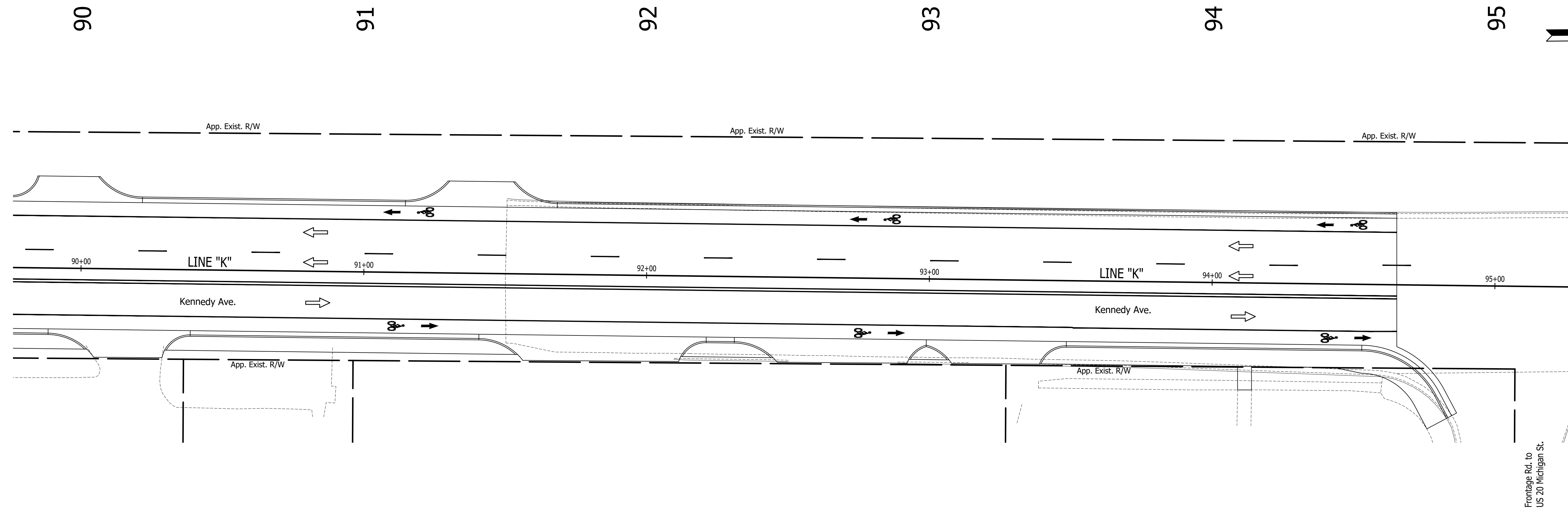
5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

FOR APPROVAL _____		DATE _____
DESIGNED: C.E.S./B.M.S.	DRAWN: T.F.S./B.M.S.	
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING &
 SIGNING DETAILS**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 23 of XX
CONTRACT R-42312	PROJECT 1901902



5925 Lakeside Blvd.
 Indianapolis, Indiana 46278
 Phone (317) 290-9549

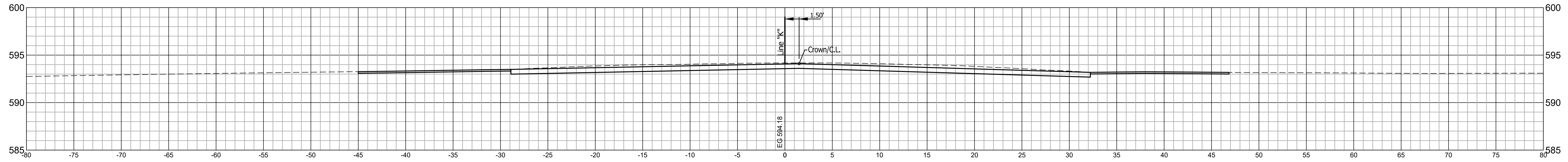
FOR APPROVAL _____		DATE _____
DESIGNED: C.E.S./B.M.S.	DRAWN: T.F.S./B.M.S.	
CHECKED: C.E.S./B.M.S.	CHECKED: D.W.C.	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

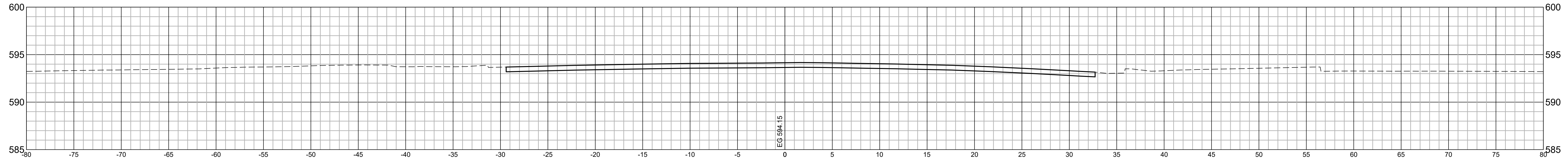
**PAVEMENT MARKING &
 SIGNING DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1901902
SURVEY BOOK	SHEETS
N/A	24 of XX
CONTRACT	PROJECT
R-42312	1901902

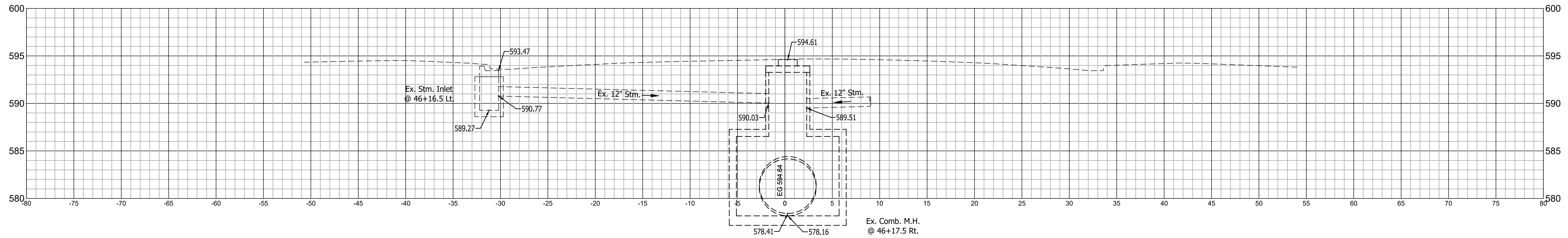
47+00 LINE "K"



46+74.27 LINE "K"



46+00 LINE "K"

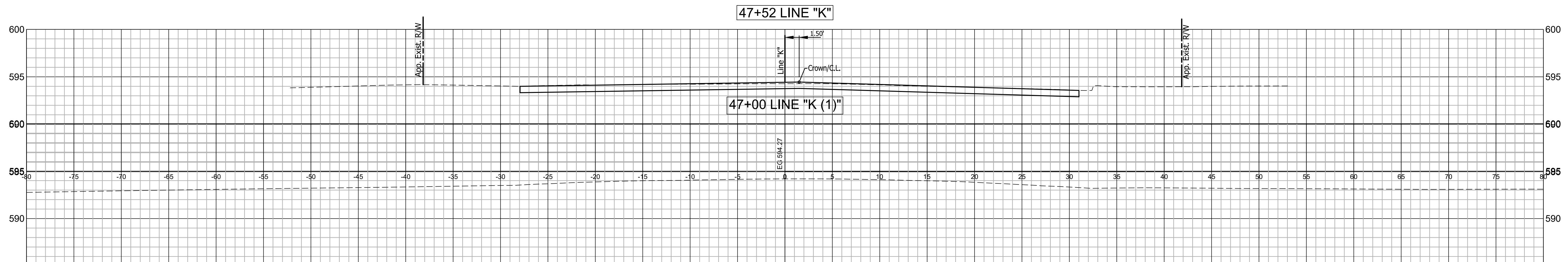
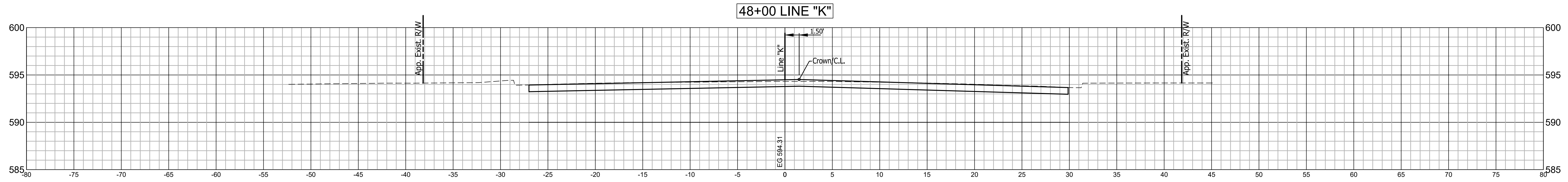
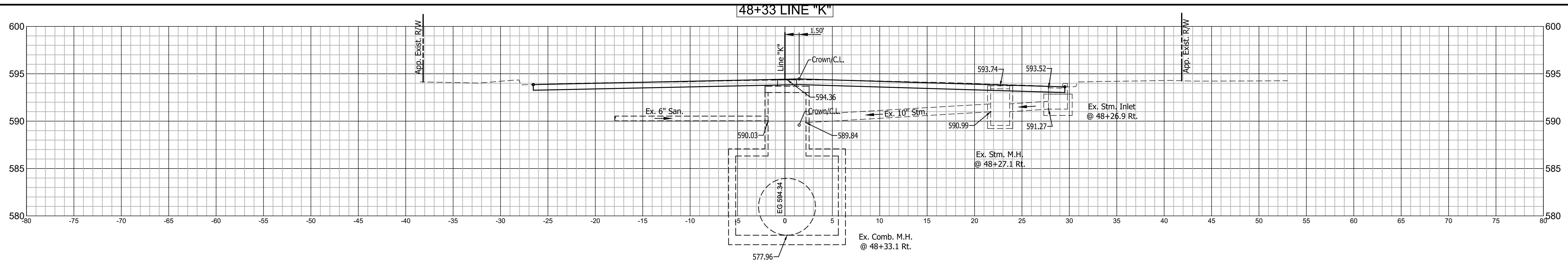


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

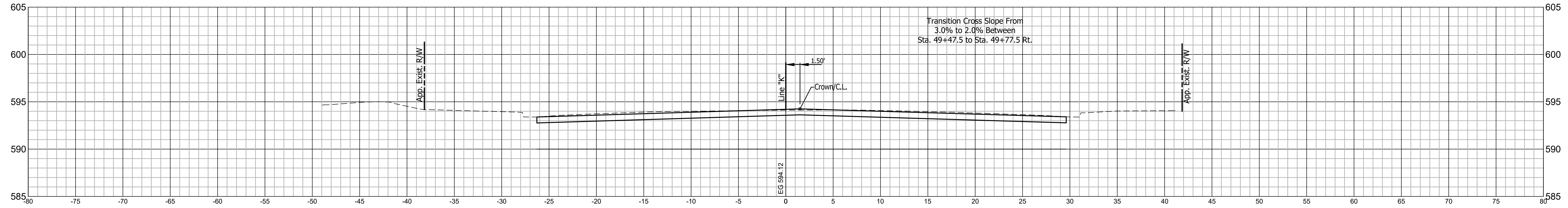
**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 25 of XX
CONTRACT R-42312	PROJECT 1901902

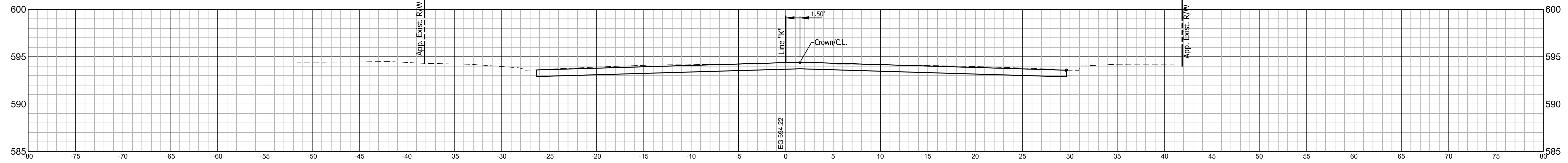


	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.			1" = 5'	N/A
	CHECKED: D.W.C.	CHECKED: D.W.C.			VERTICAL SCALE	DESIGNATION
					1" = 5'	1901902
				LINE "K" CROSS SECTIONS	SURVEY BOOK	SHEETS
					N/A	26 of XX
					CONTRACT	PROJECT
					R-42312	1901902

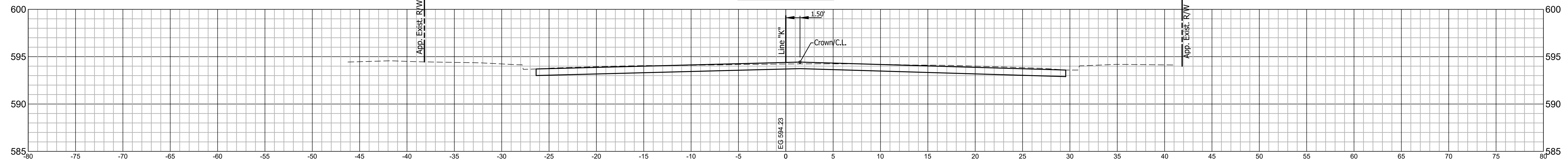
49+65 LINE "K"



49+15 LINE "K"



48+75 LINE "K"



RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

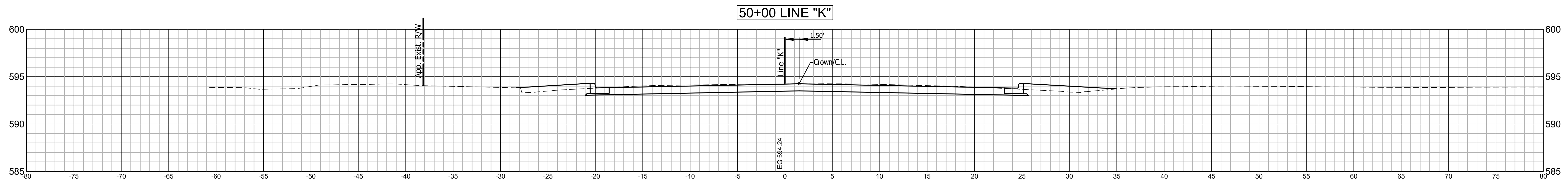
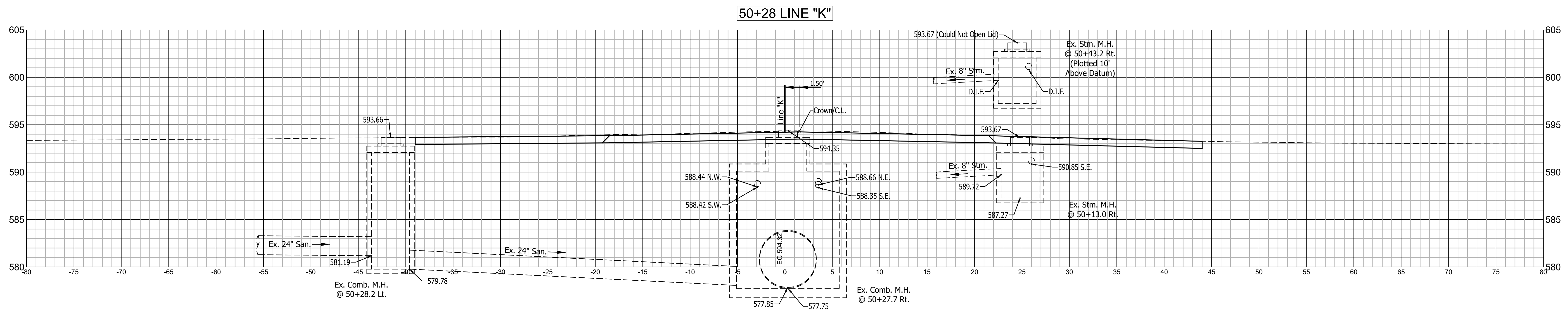
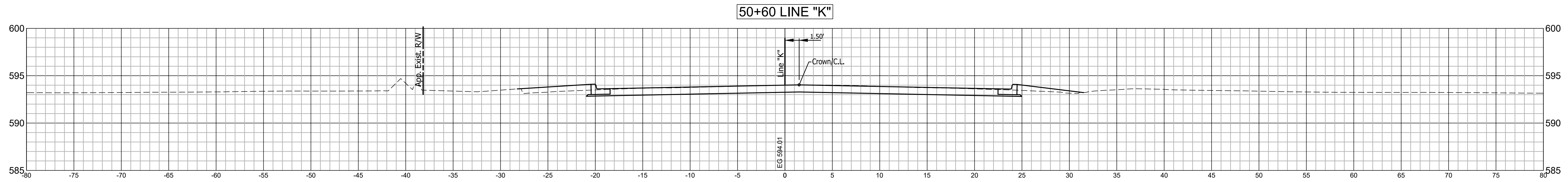
DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.

CHECKED: D.W.C. CHECKED: D.W.C.

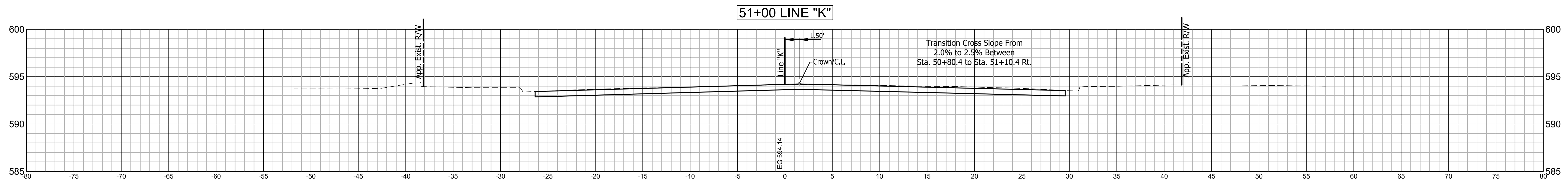
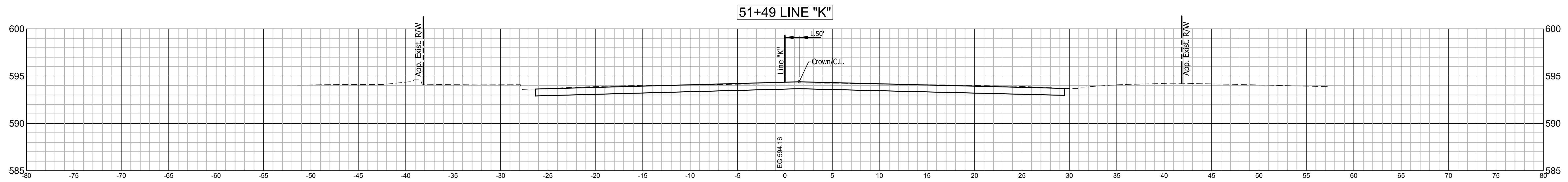
INDIANA DEPARTMENT OF TRANSPORTATION

LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 27 of XX
CONTRACT R-42312	PROJECT 1901902



	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.		LINE "K" CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C.	CHECKED: D.W.C.				SURVEY BOOK N/A	SHEETS 28 of XX
					CONTRACT R-42312	PROJECT 1901902	

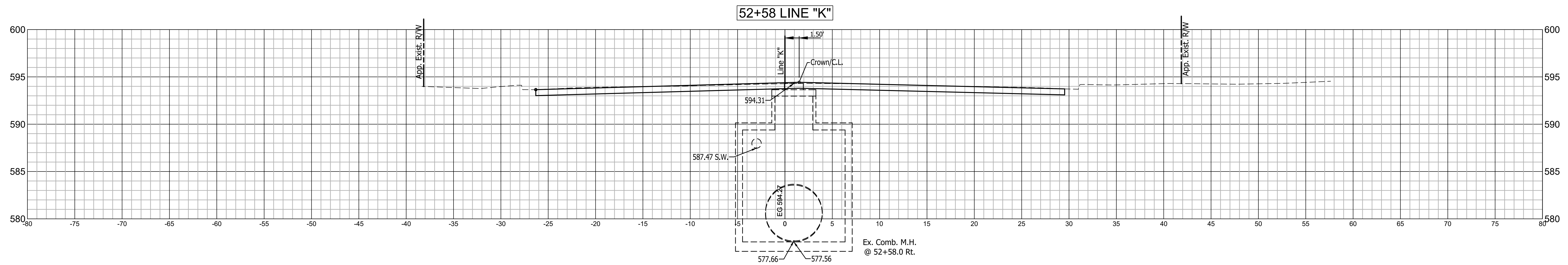
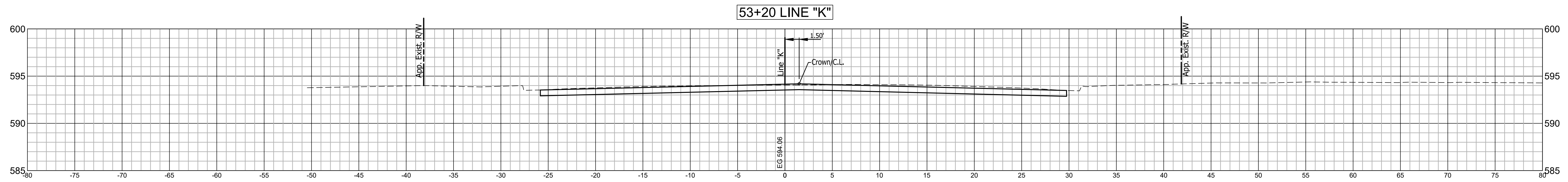


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

LINE "K"
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 29 of XX
CONTRACT R-42312	PROJECT 1901902



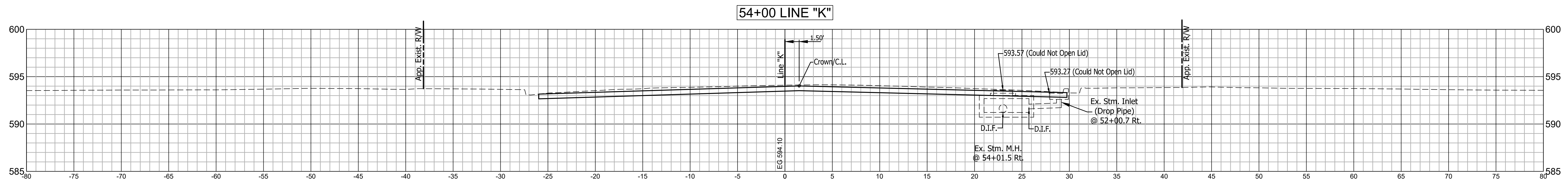
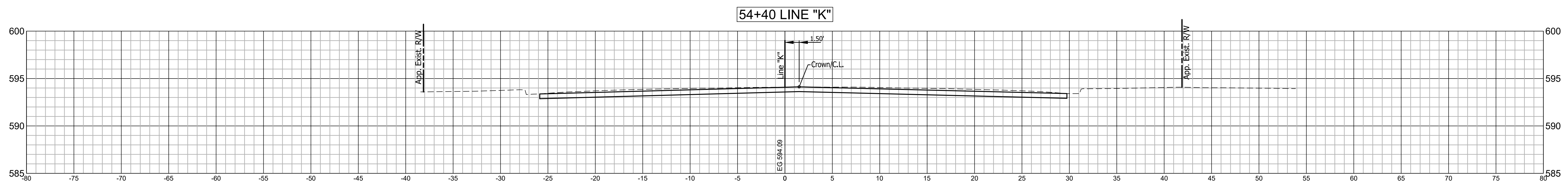
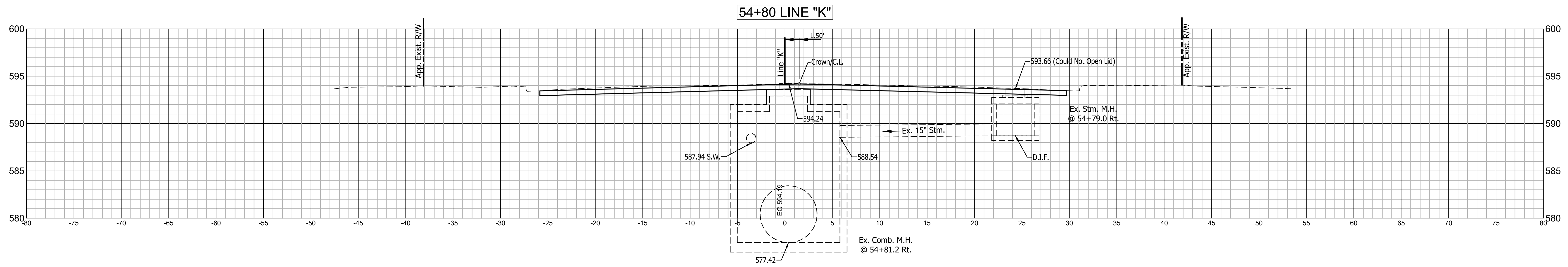
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE _____

DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 30 of XX
CONTRACT R-42312	PROJECT 1901902

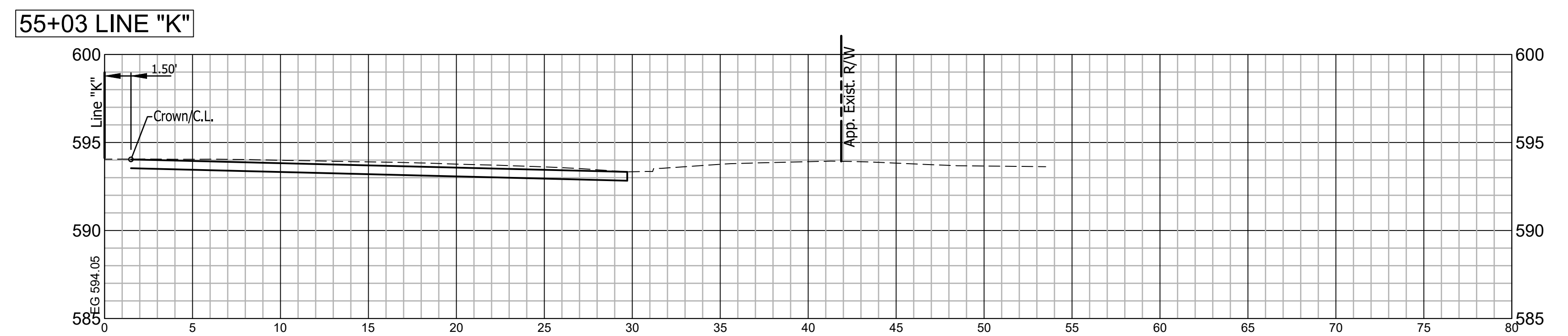
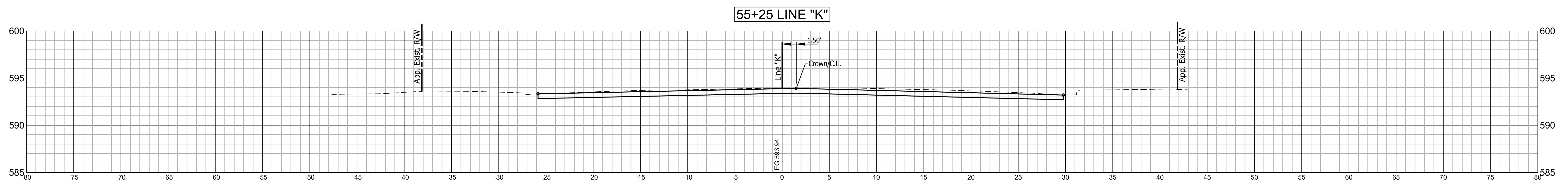
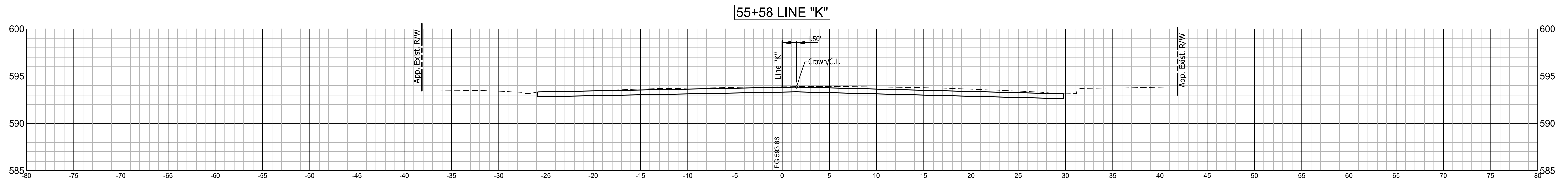


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 31 of XX
CONTRACT R-42312	PROJECT 1901902



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____

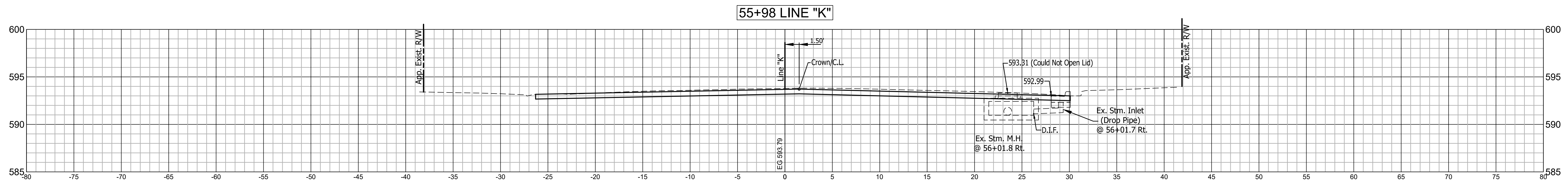
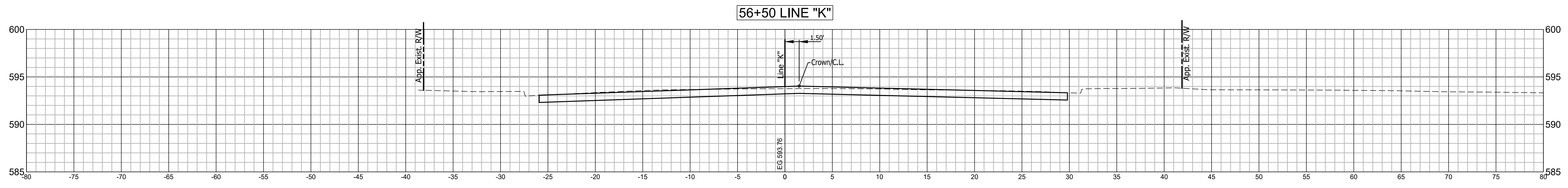
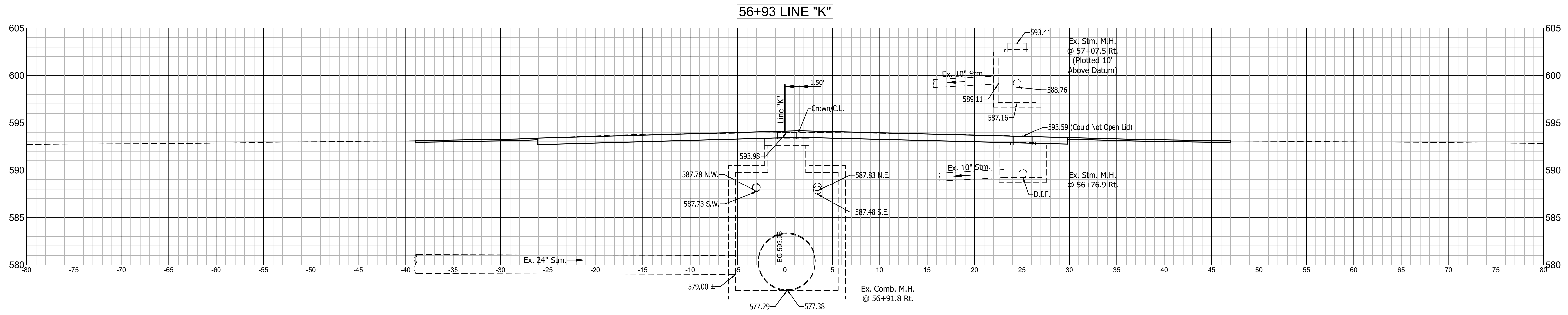
DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.

CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

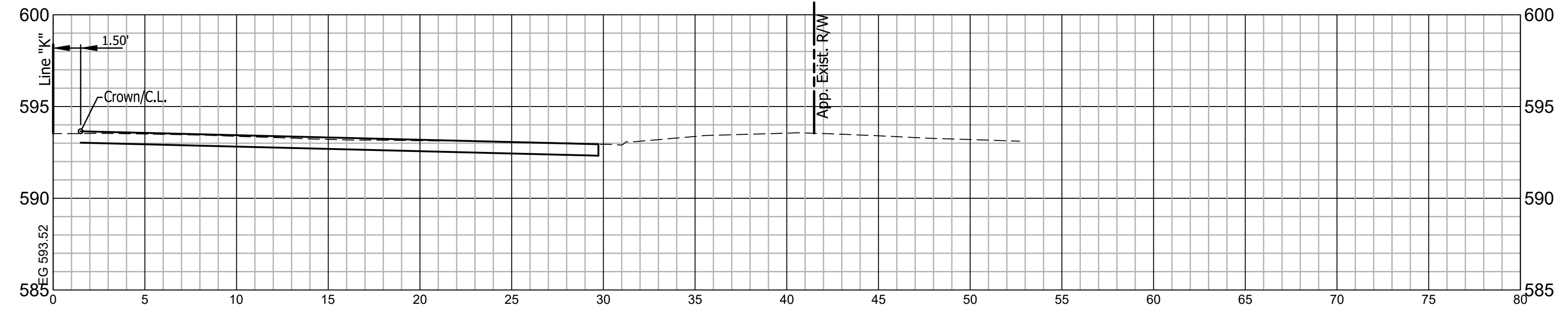
LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 32 of XX
CONTRACT R-42312	PROJECT 1901902

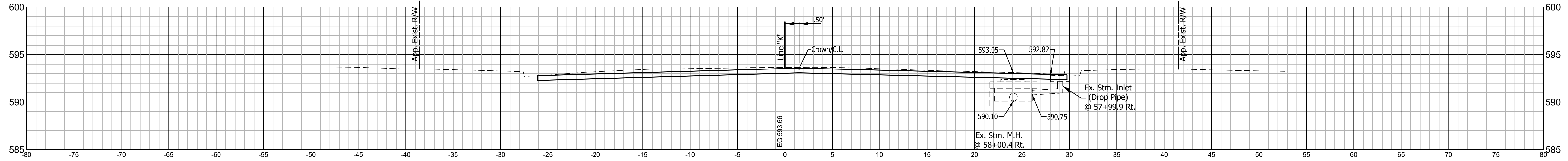


	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.		1" = 5'	N/A
	CHECKED: D.W.C.	CHECKED: D.W.C.		VERTICAL SCALE	DESIGNATION
				1" = 5'	1901902
			LINE "K" CROSS SECTIONS	SURVEY BOOK	SHEETS
				N/A	33 of XX
				CONTRACT	PROJECT
				R-42312	1901902

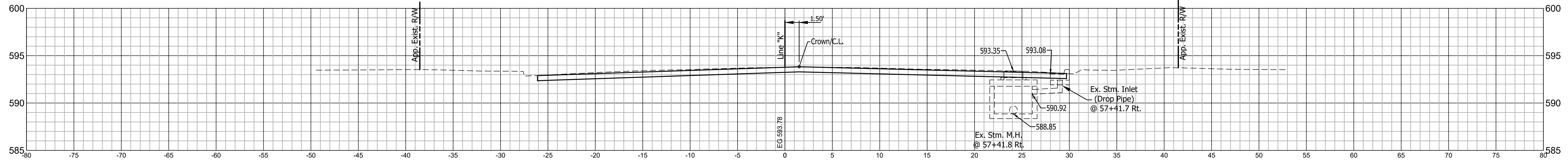
58+20 LINE "K"



58+00 LINE "K"



57+42 LINE "K"

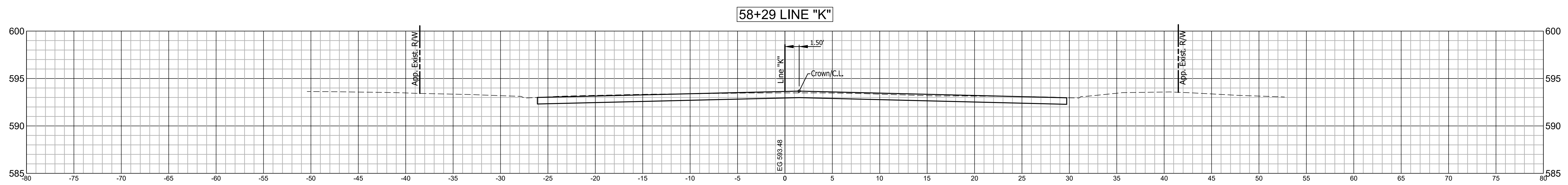
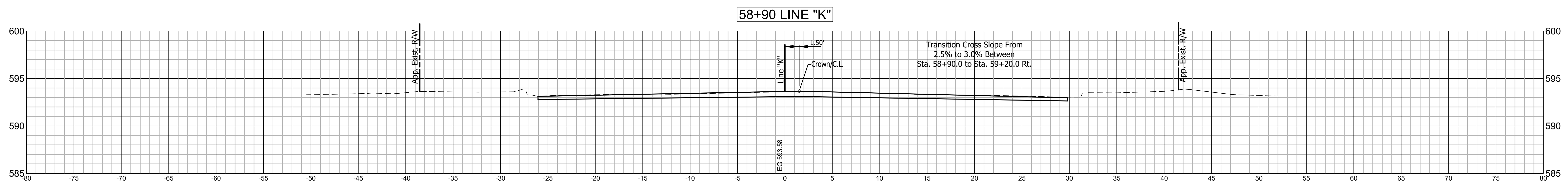
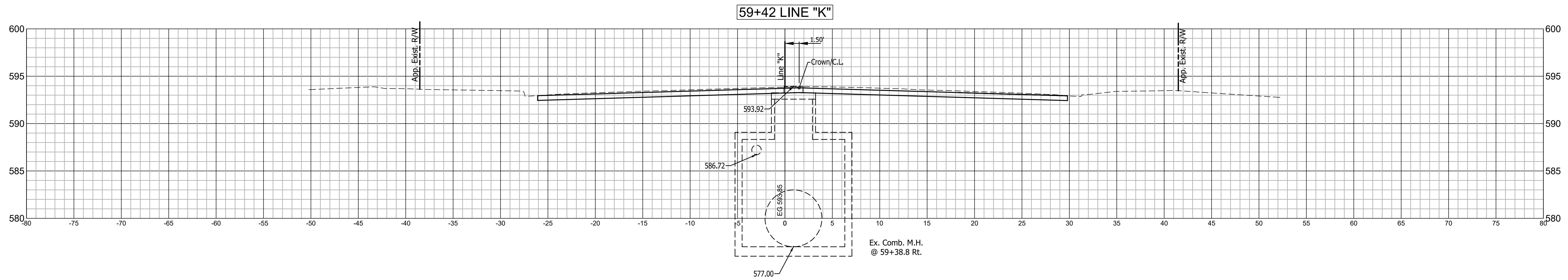


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 34 of XX
CONTRACT R-42312	PROJECT 1901902



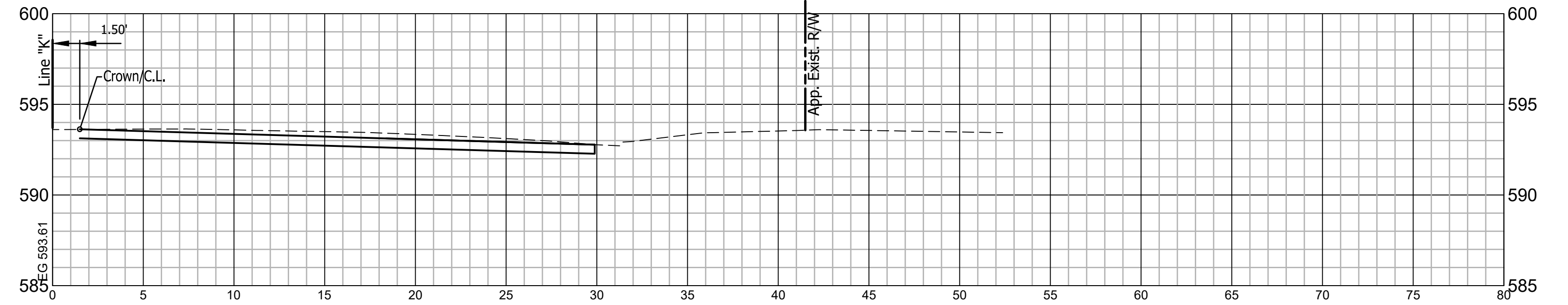
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

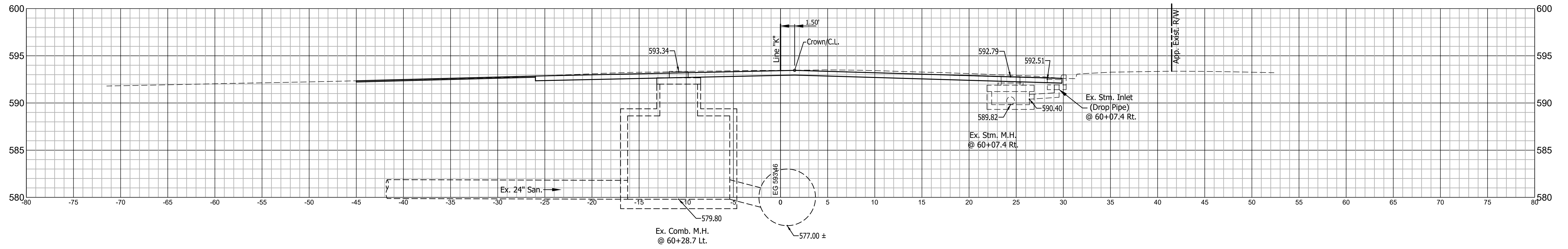
**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 35 of XX
CONTRACT R-42312	PROJECT 1901902

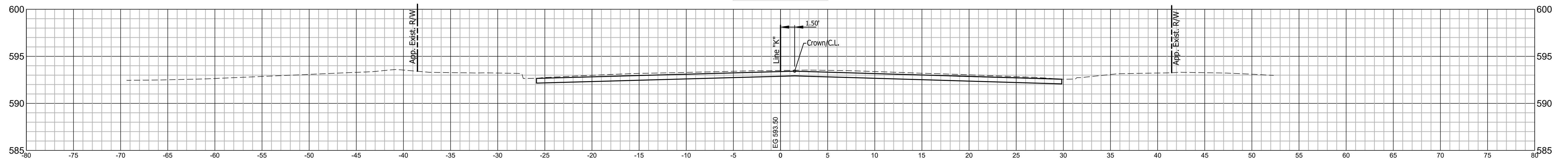
60+46 LINE "K"



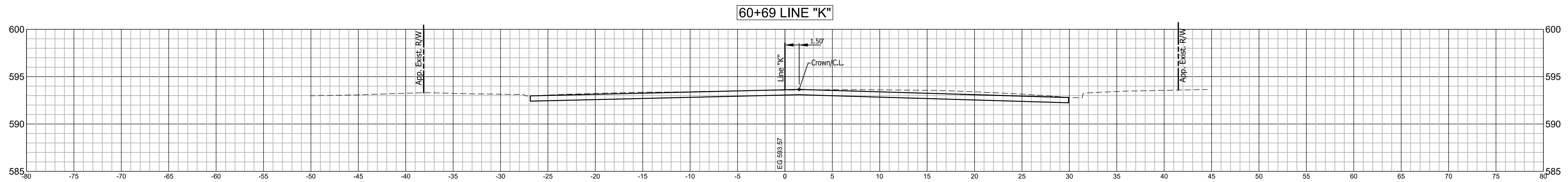
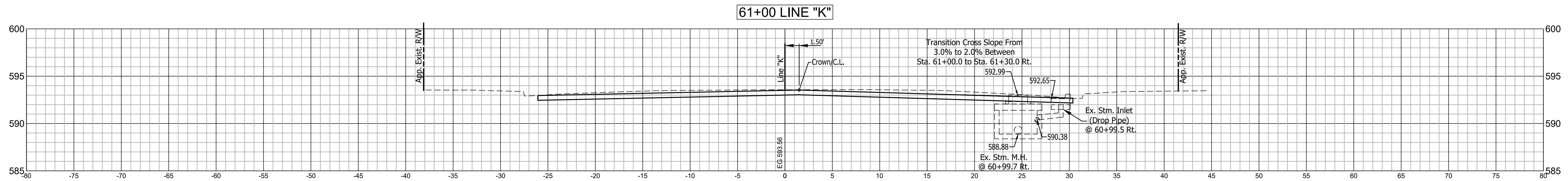
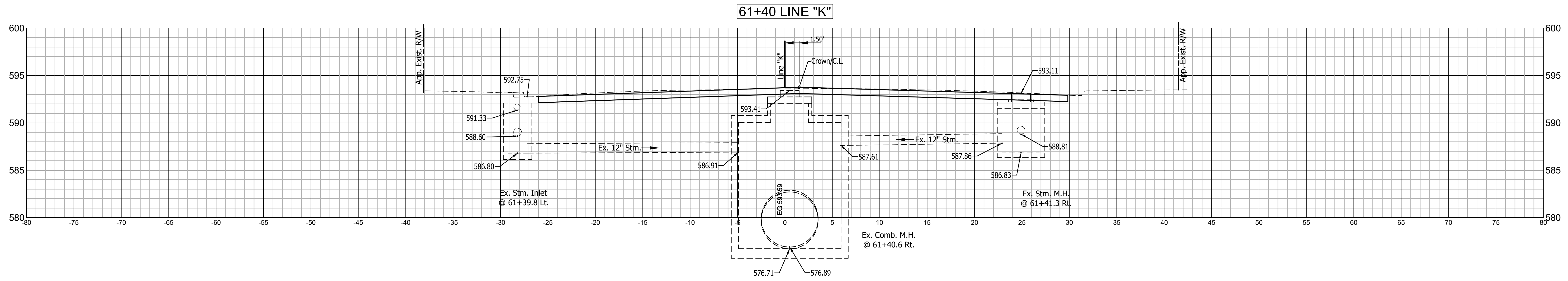
60+23 LINE "K"



59+93 LINE "K"

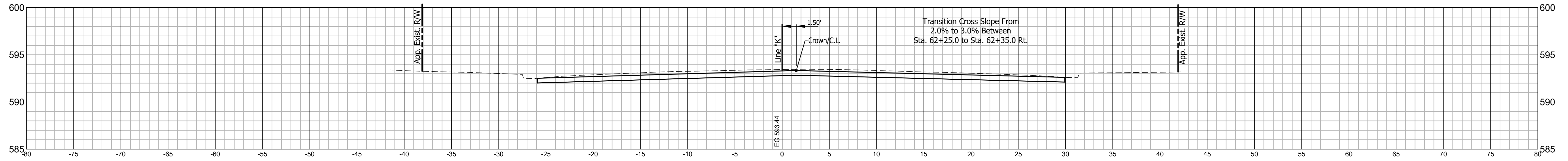


	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.			1" = 5'	N/A
	CHECKED: D.W.C.	CHECKED: D.W.C.			VERTICAL SCALE	DESIGNATION
					1" = 5'	1901902
				LINE "K" CROSS SECTIONS	SURVEY BOOK	SHEETS
			N/A		36 of XX	
			CONTRACT		PROJECT	
					R-42312	1901902

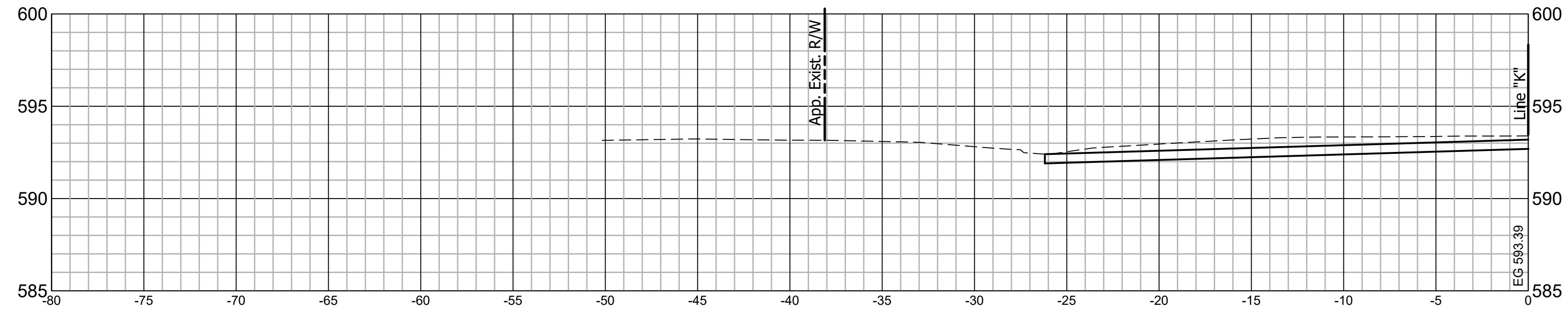


	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.			1" = 5'	N/A
	CHECKED: D.W.C.	CHECKED: D.W.C.			VERTICAL SCALE	DESIGNATION
					1" = 5'	1901902
				LINE "K" CROSS SECTIONS	SURVEY BOOK	SHEETS
			N/A		37	of XX
			CONTRACT		PROJECT	
			R-42312	1901902		

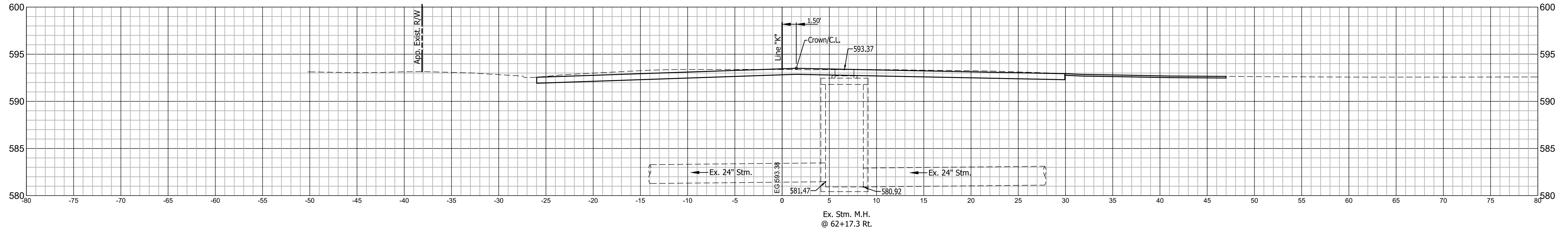
62+65 LINE "K"



62+24 LINE "K"



62+16 LINE "K"



Ex. Stm. M.H.
@ 62+17.3 Rt.

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

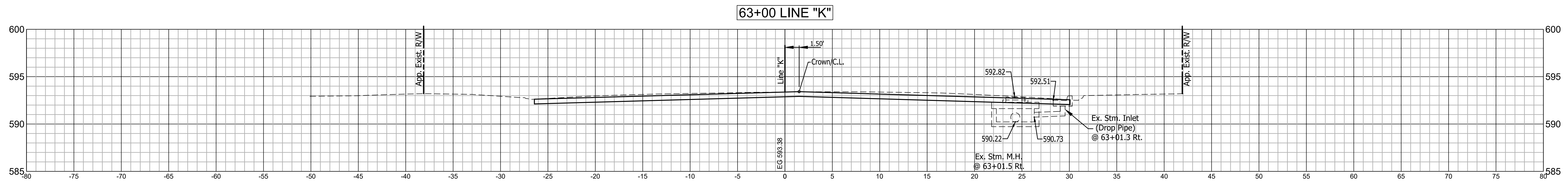
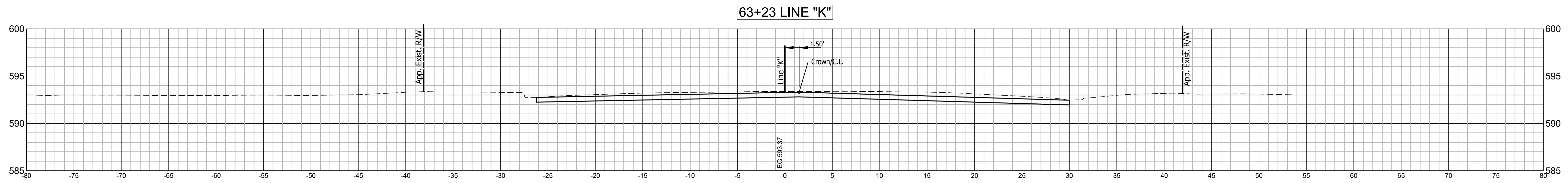
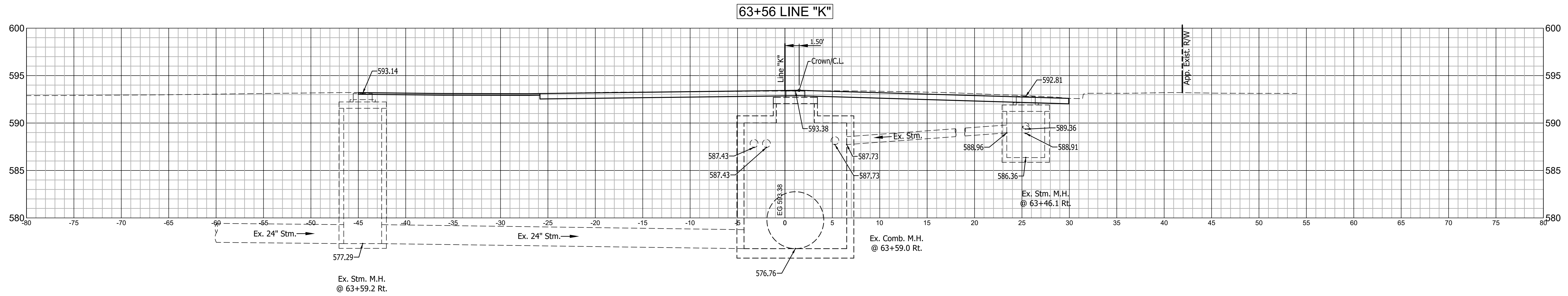
DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.

CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

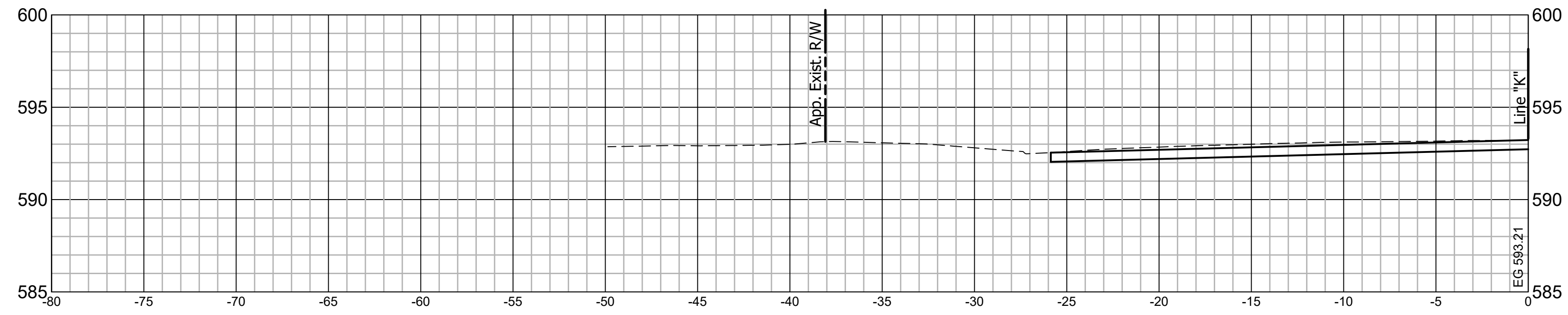
LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 38 of XX
CONTRACT R-42312	PROJECT 1901902

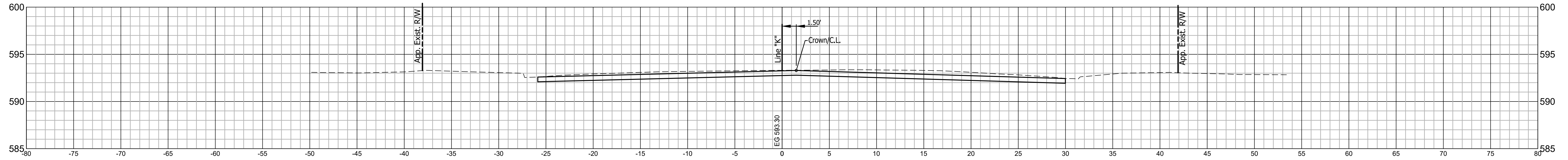


	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.	LINE "K" CROSS SECTIONS	VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C. CHECKED: D.W.C.		SURVEY BOOK N/A	SHEETS 39 of XX
			CONTRACT R-42312	PROJECT 1901902

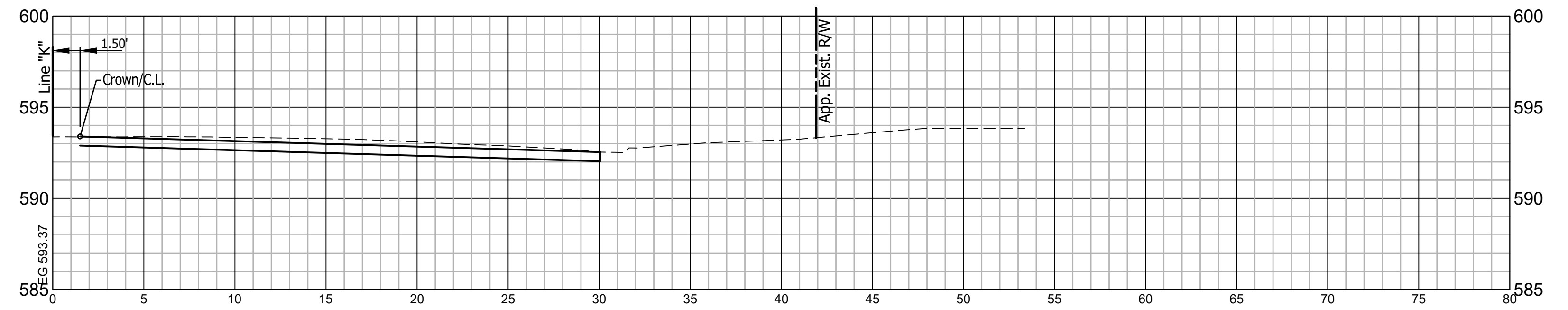
64+29 LINE "K"



64+10 LINE "K"



63+69 LINE "K"



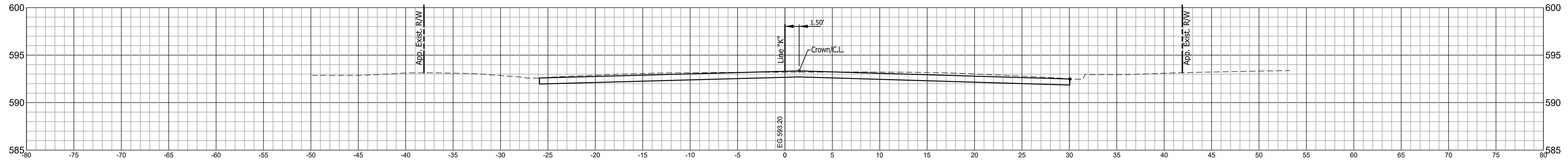
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

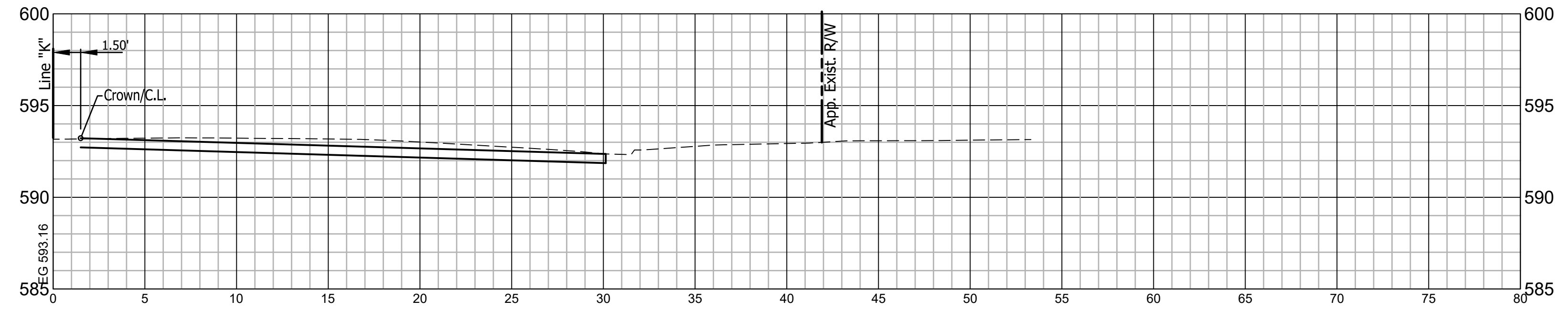
LINE "K"
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 40 of XX
CONTRACT R-42312	PROJECT 1901902

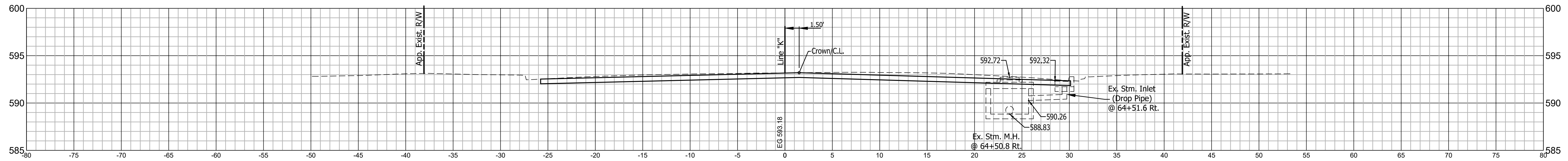
65+08 LINE "K"



64+65 LINE "K"



64+50 LINE "K"

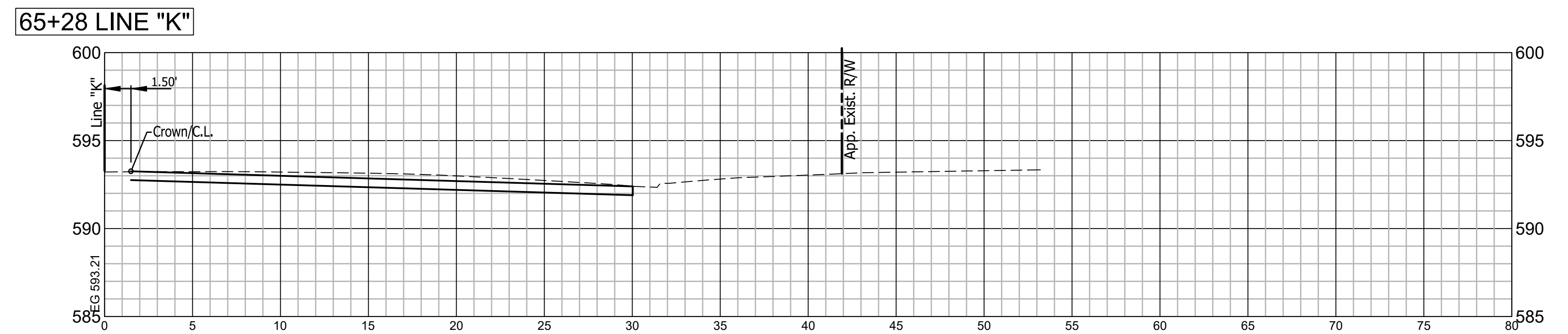
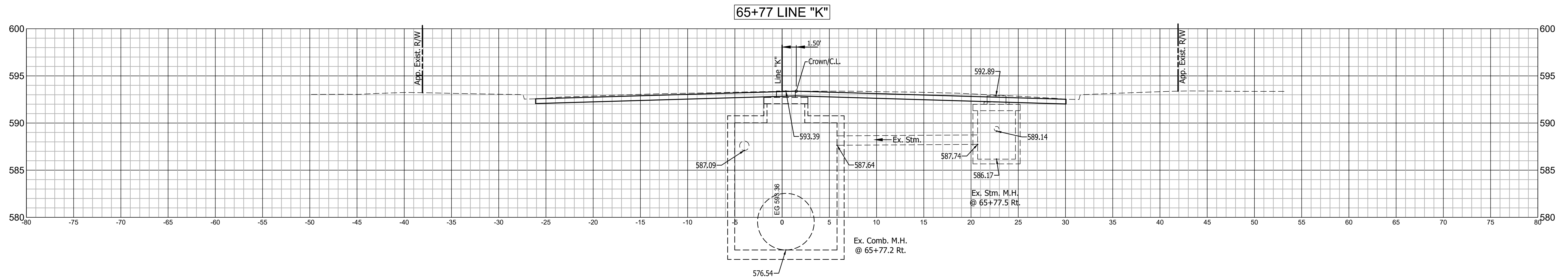
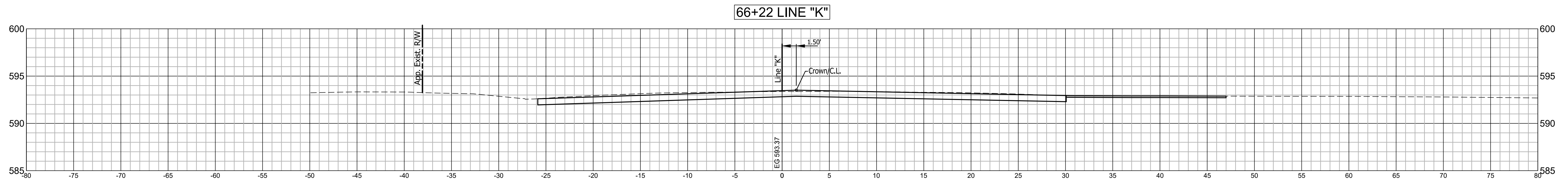


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

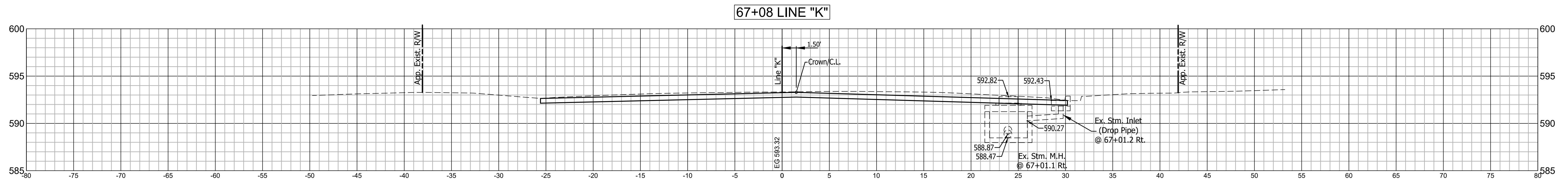
**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 41 of XX
CONTRACT R-42312	PROJECT 1901902

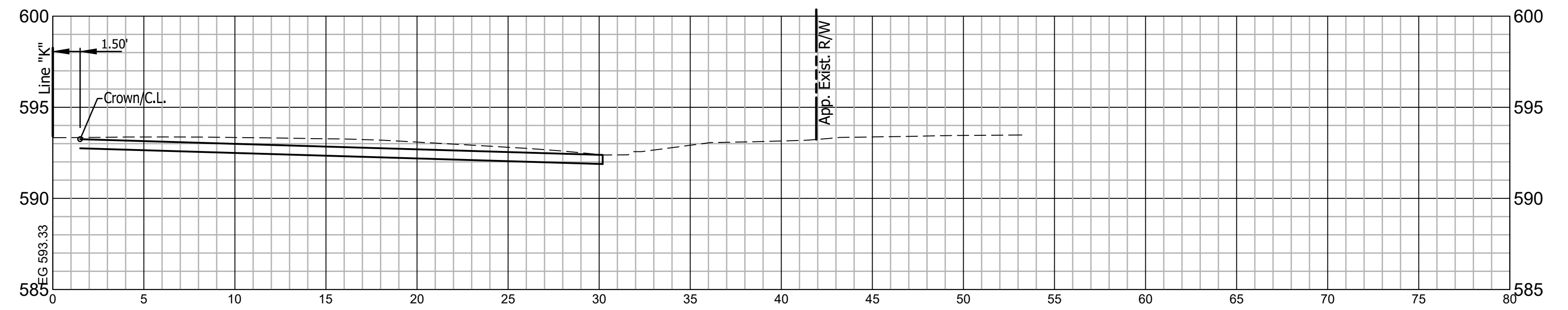


	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.			VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C.	CHECKED: D.W.C.			SURVEY BOOK N/A	SHEETS 42 of XX
					CONTRACT R-42312	PROJECT 1901902

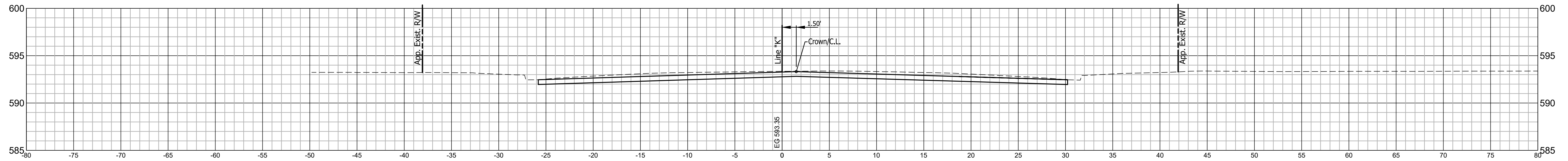
**LINE "K"
CROSS SECTIONS**



66+87 LINE "K"



66+65 LINE "K"

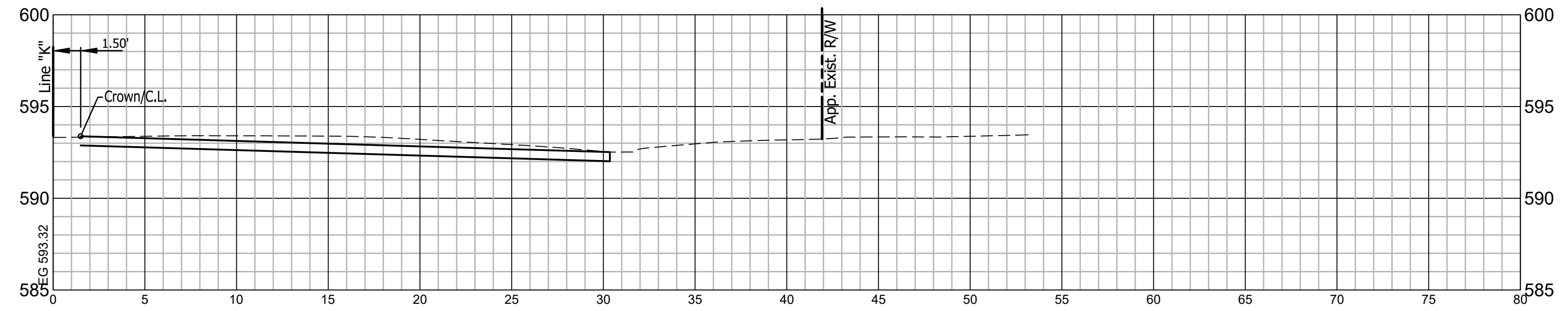


RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE
DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
CHECKED: D.W.C. CHECKED: D.W.C.

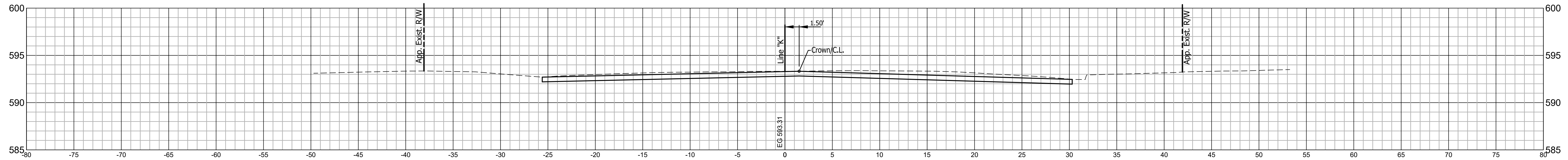
INDIANA DEPARTMENT OF TRANSPORTATION
LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 43 of XX
CONTRACT R-42312	PROJECT 1901902

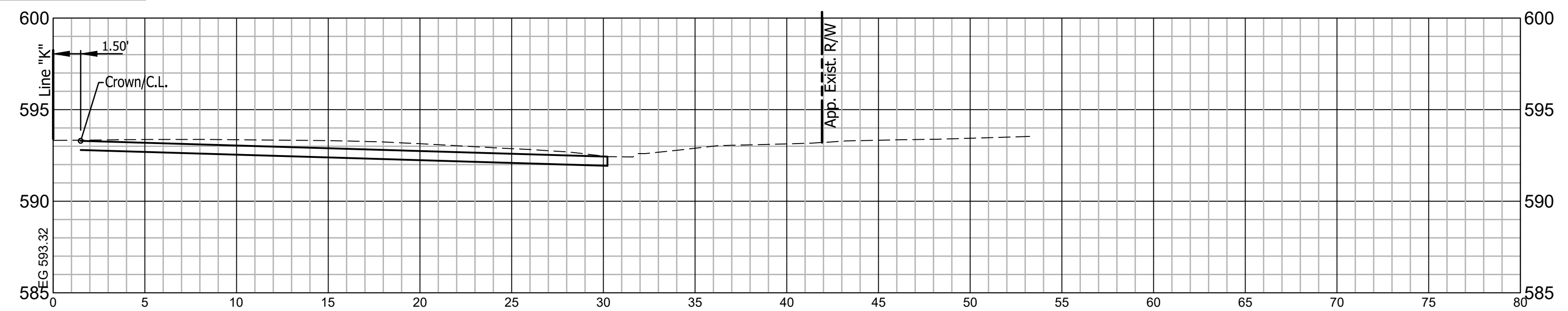
67+58 LINE "K"



67+33 LINE "K"



67+18 LINE "K"

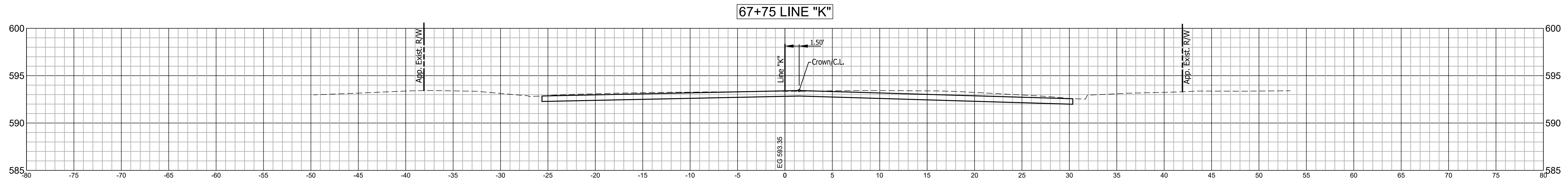
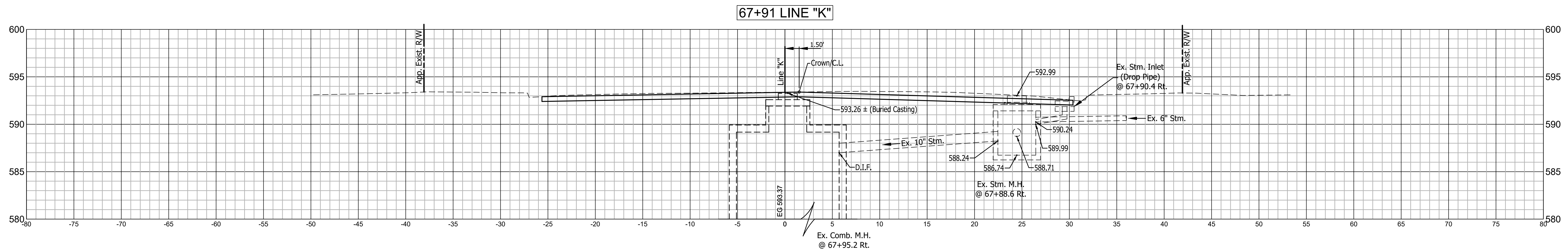
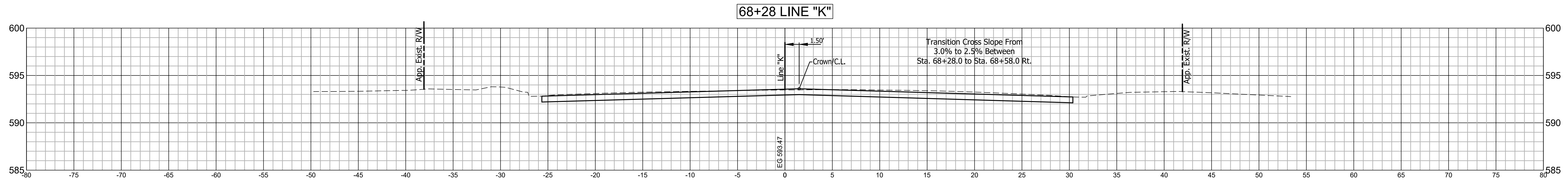


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

LINE "K"
CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	44 of XX
CONTRACT	PROJECT
R-42312	1901902



RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE _____

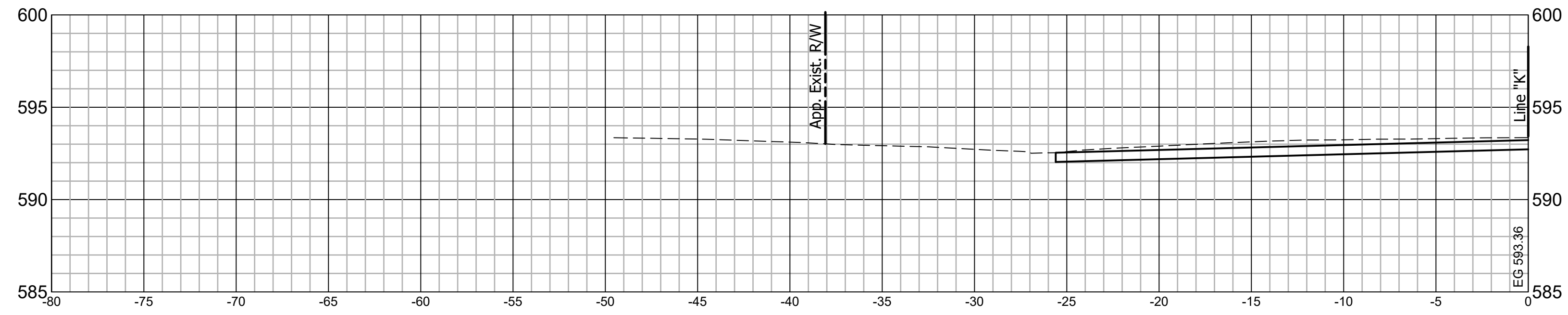
DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

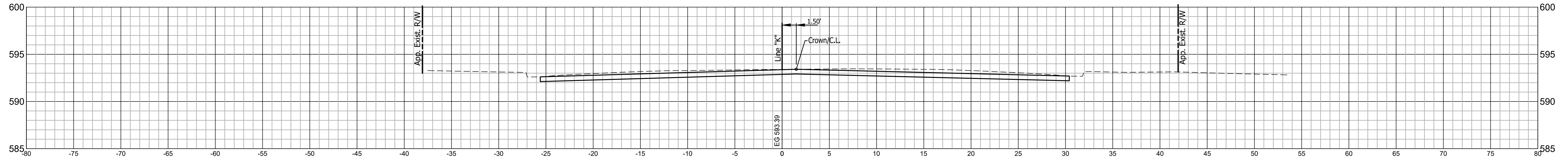
LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 45 of XX
CONTRACT R-42312	PROJECT 1901902

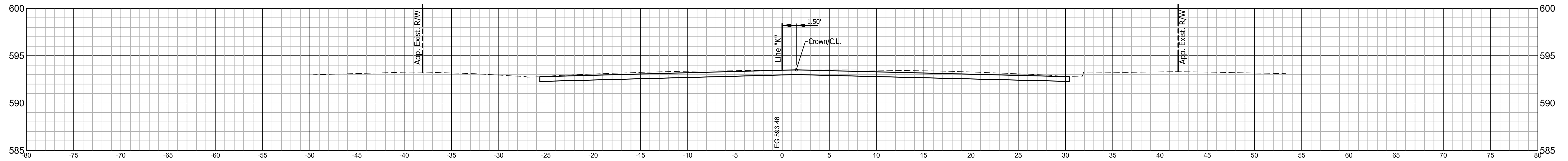
69+24 LINE "K"



69+00 LINE "K"



68+56 LINE "K"

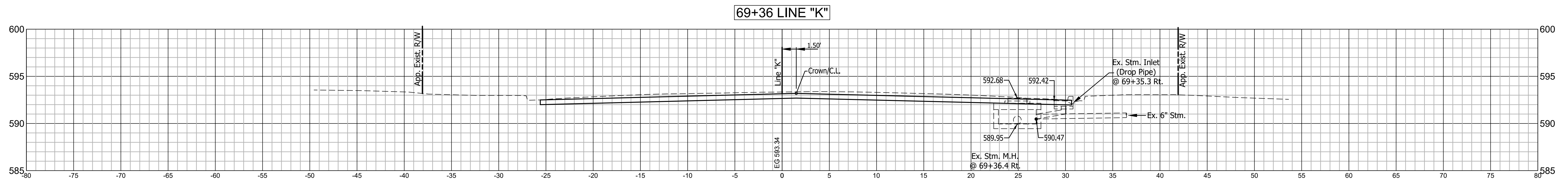
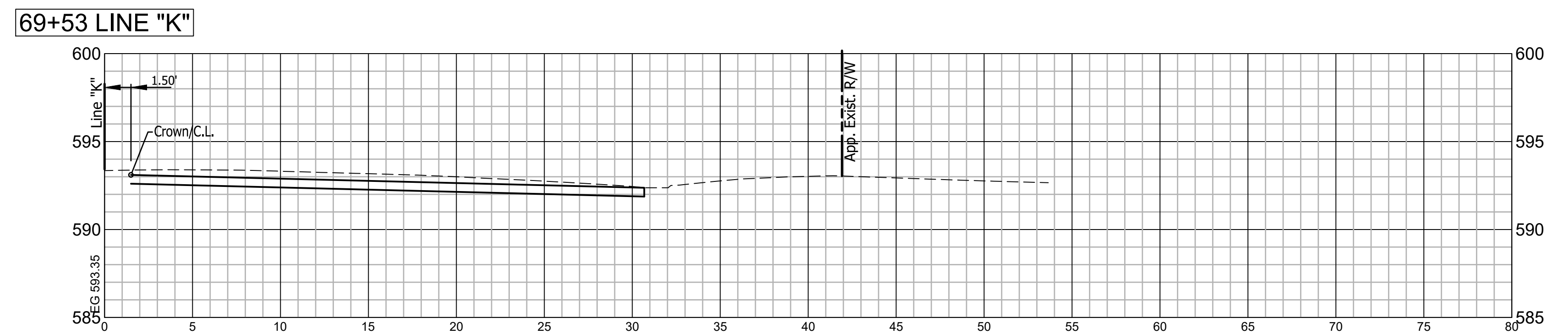
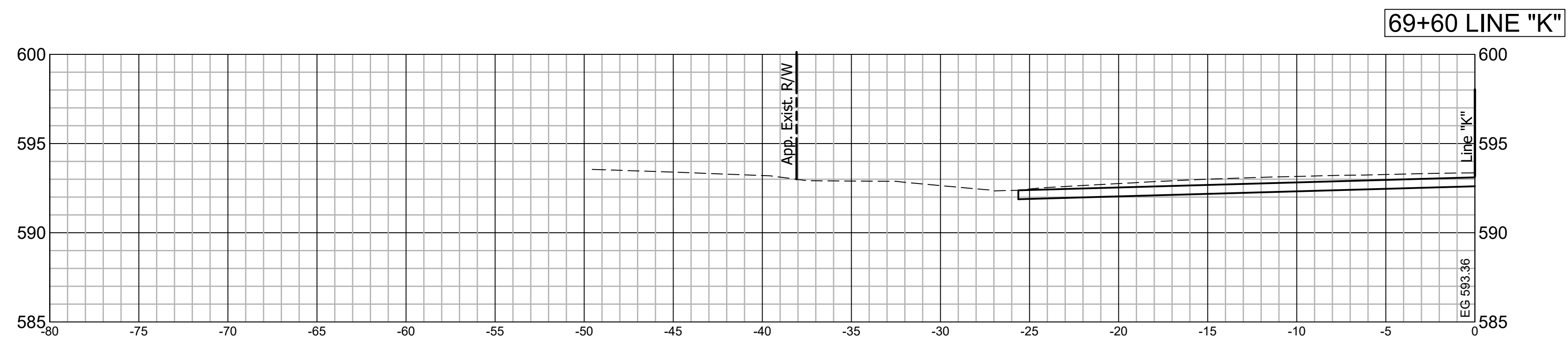


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

LINE "K"
CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1901902
SURVEY BOOK	SHEETS
N/A	46 of XX
CONTRACT	PROJECT
R-42312	1901902



RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.

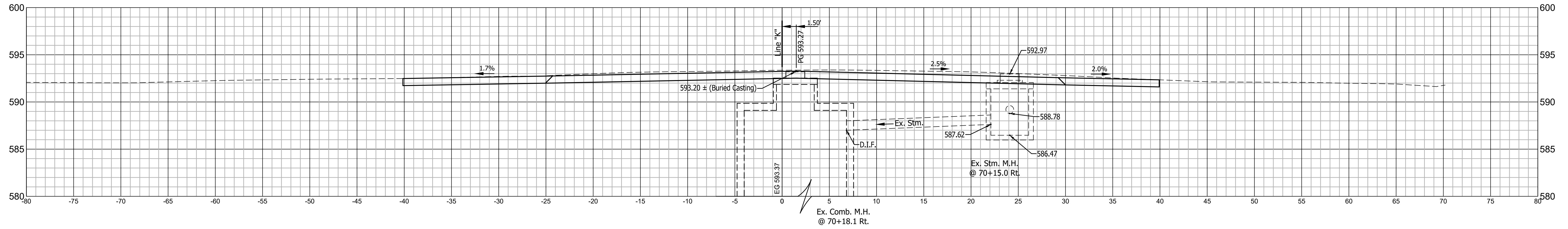
CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

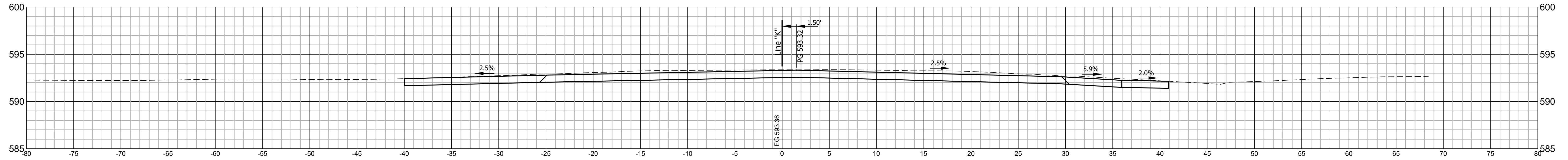
LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 47 of XX
CONTRACT R-42312	PROJECT 1901902

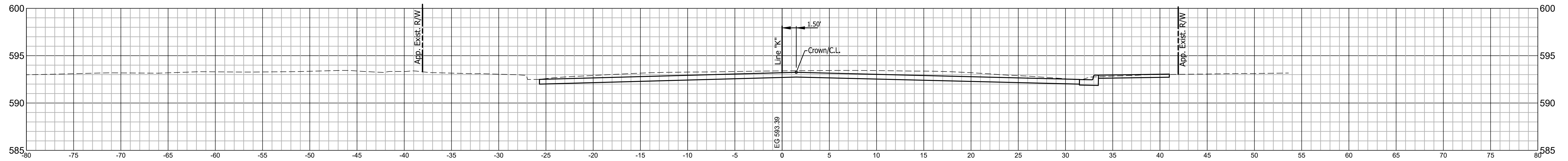
70+26 LINE "K"



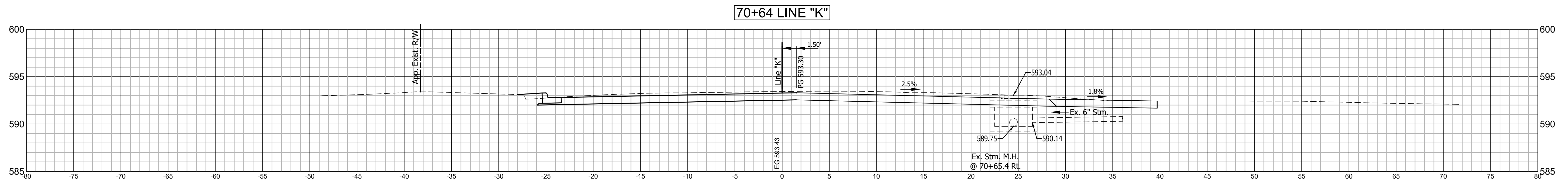
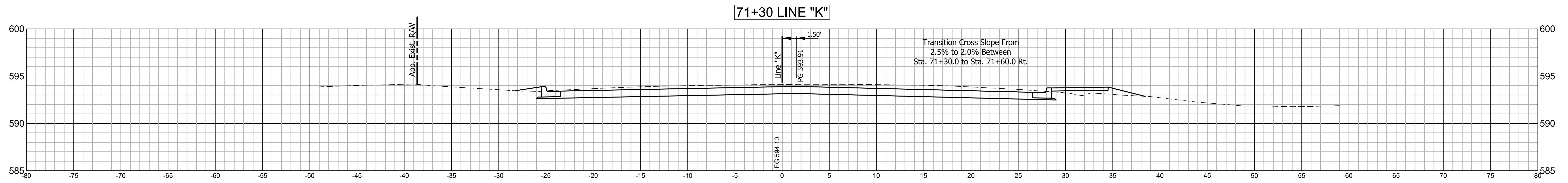
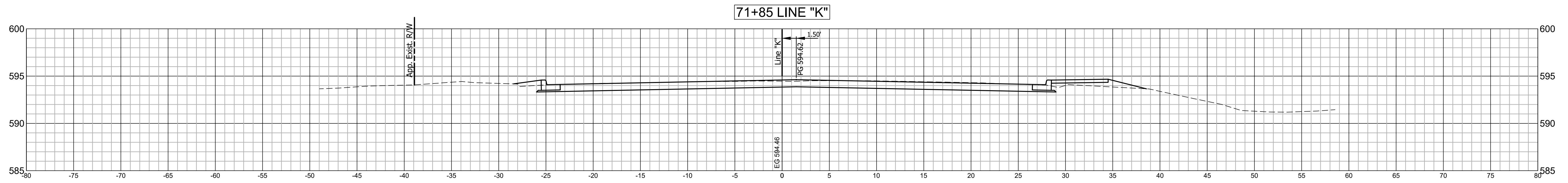
70+09 LINE "K"



69+85 LINE "K"



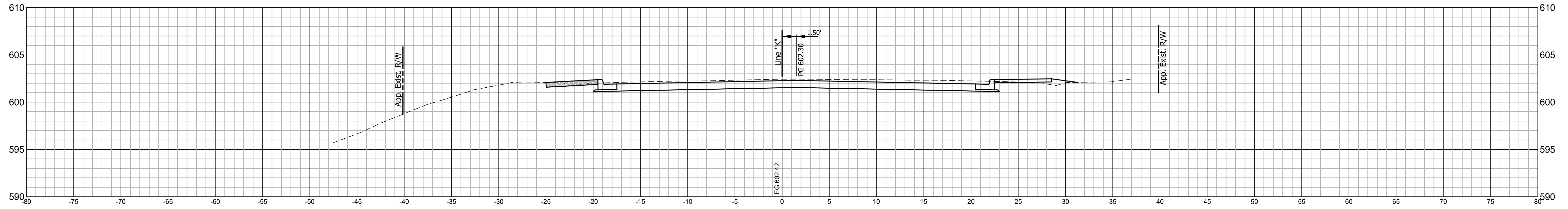
	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.		LINE "K" CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C.	CHECKED: D.W.C.				SURVEY BOOK N/A	SHEETS 48 of XX
					CONTRACT R-42312	PROJECT 1901902	



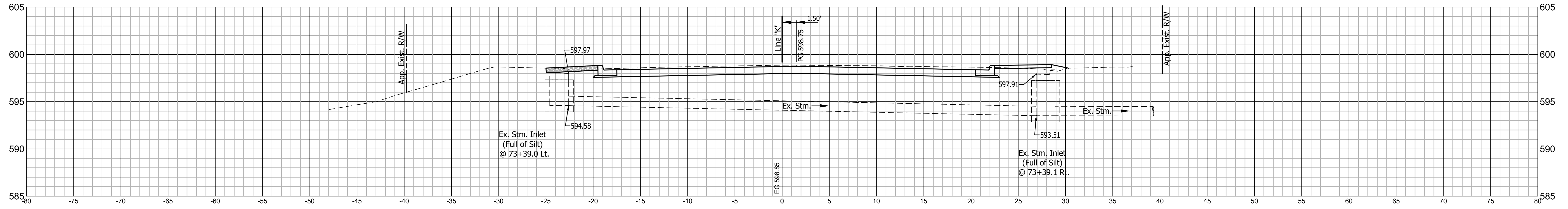
	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.			VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C.	CHECKED: D.W.C.			SURVEY BOOK N/A	SHEETS 49 of XX
					CONTRACT R-42312	PROJECT 1901902

**LINE "K"
CROSS SECTIONS**

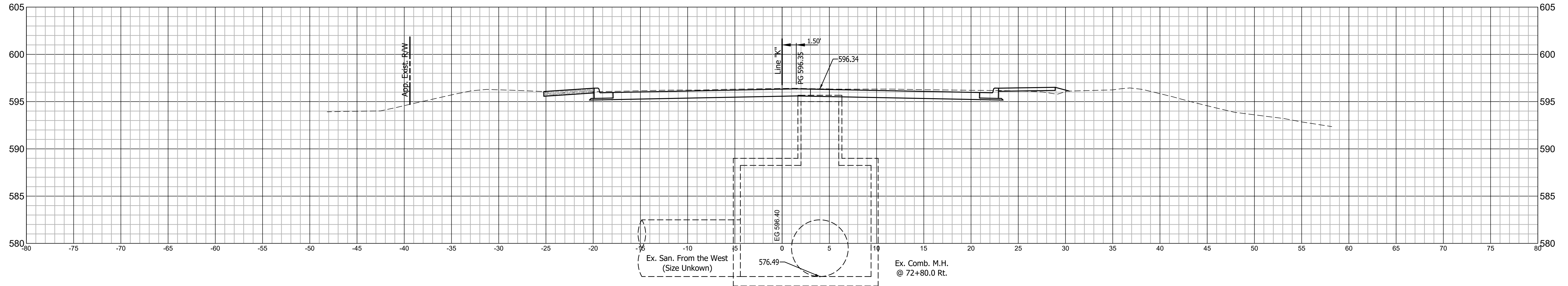
74+25 LINE "K"



73+50 LINE "K"



72+80 LINE "K"

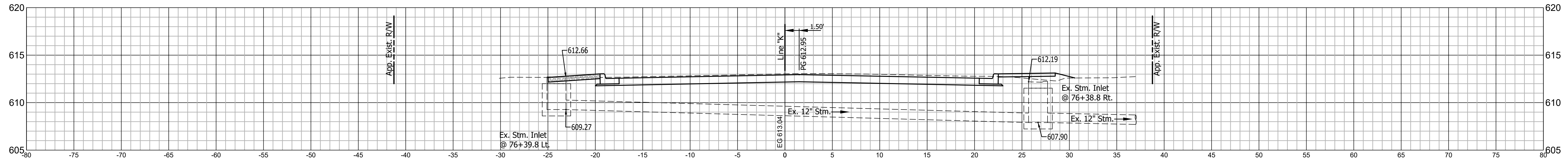


RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

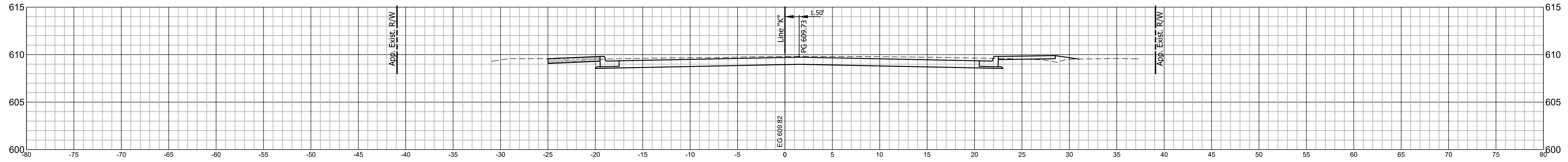
INDIANA DEPARTMENT OF TRANSPORTATION
 LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 50 of XX
CONTRACT R-42312	PROJECT 1901902

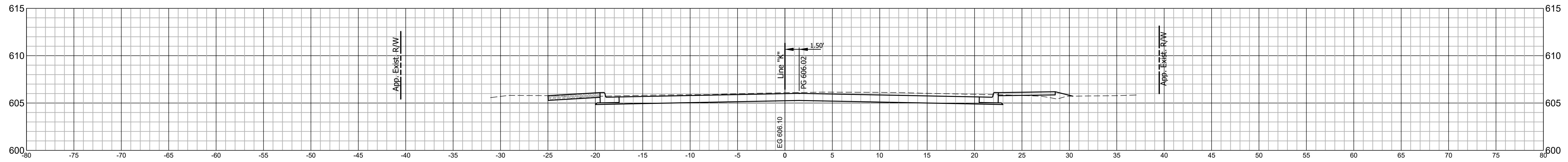
76+40 LINE "K"



75+75 LINE "K"



75+00 LINE "K"



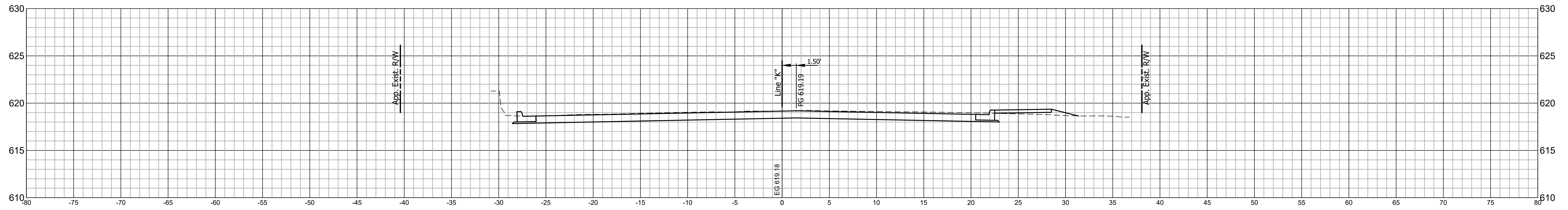
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

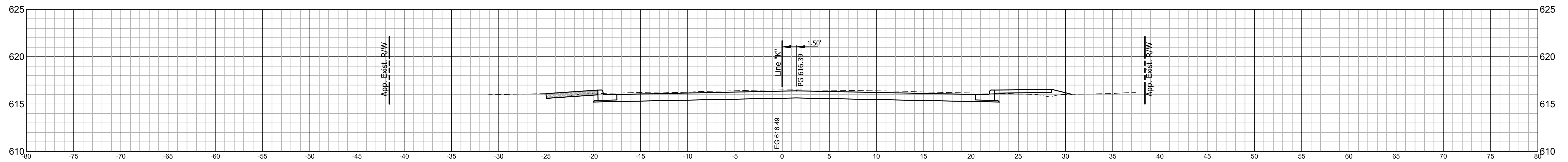
**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 51 of XX
CONTRACT R-42312	PROJECT 1901902

77+72 LINE "K"



77+10 LINE "K"

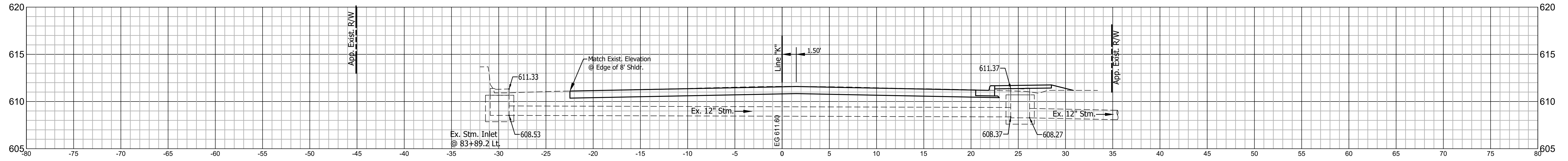


RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

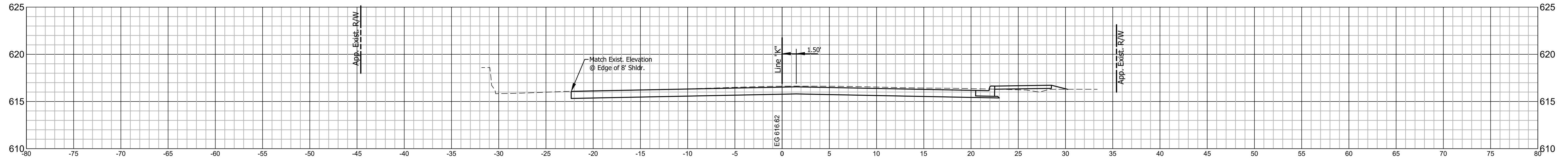
INDIANA DEPARTMENT OF TRANSPORTATION
 LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 52 of XX
CONTRACT R-42312	PROJECT 1901902

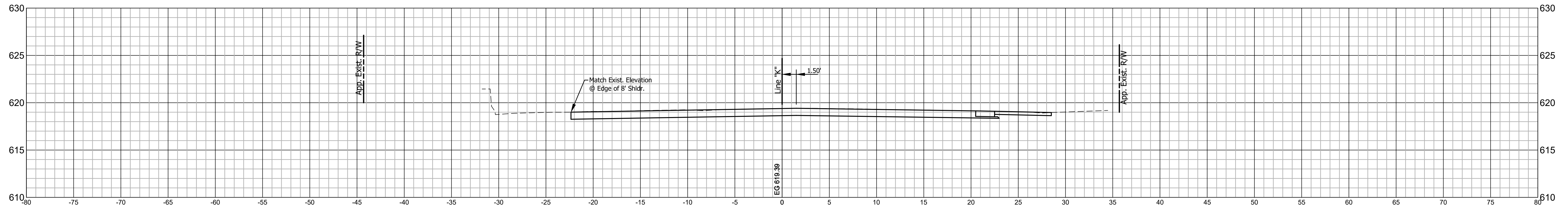
84+00 LINE "K"



83+00 LINE "K"

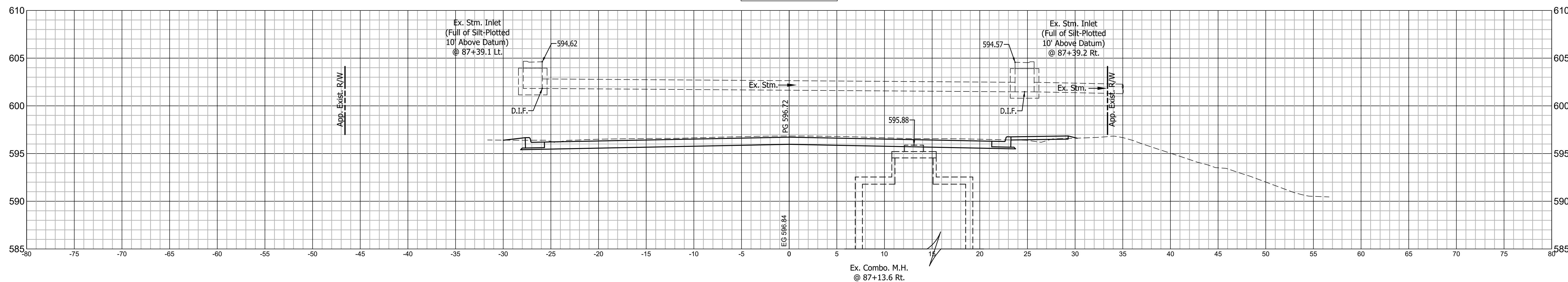


82+35.52 LINE "K"

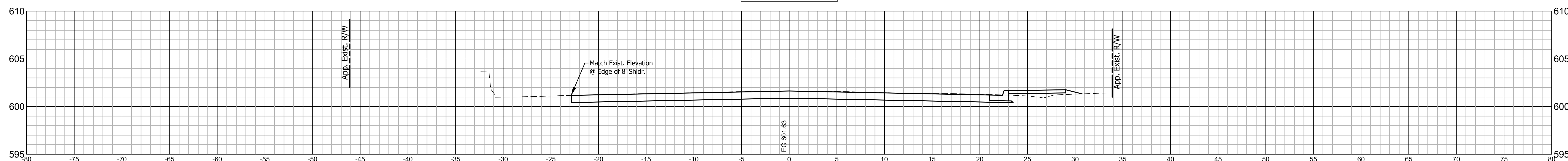


	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	LINE "K" CROSS SECTIONS		VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C.	CHECKED: D.W.C.			SURVEY BOOK N/A	SHEETS 53 of XX
					CONTRACT R-42312	PROJECT 1901902

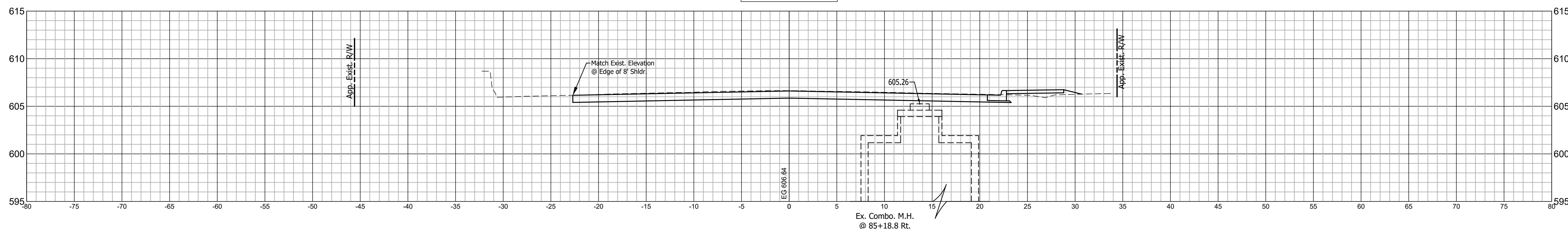
87+00 LINE "K"



86+00 LINE "K"

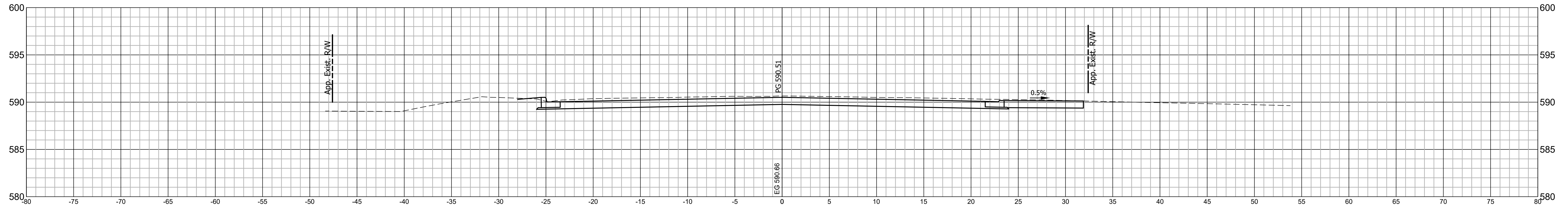


85+00 LINE "K"

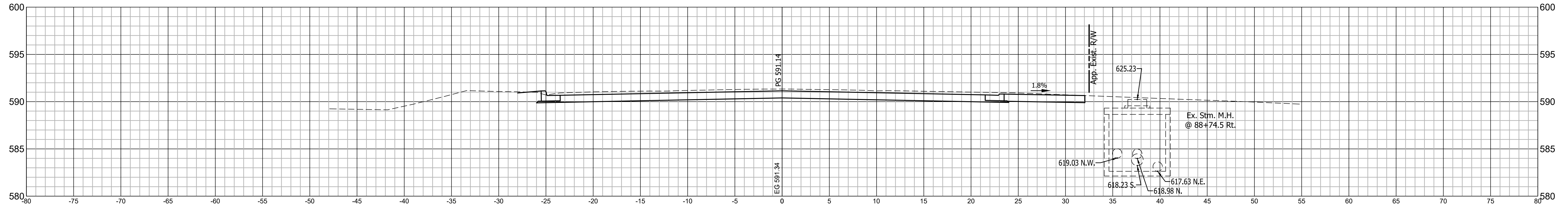


	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION LINE "K" CROSS SECTIONS	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.			VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
	CHECKED: D.W.C.	CHECKED: D.W.C.			SURVEY BOOK N/A	SHEETS 54 of XX
					CONTRACT R-42312	PROJECT 1901902

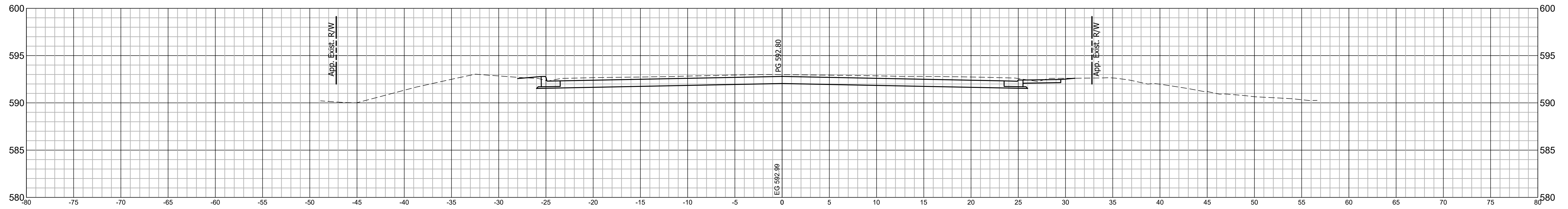
88+90 LINE "K"



88+60 LINE "K"



88+00 LINE "K"



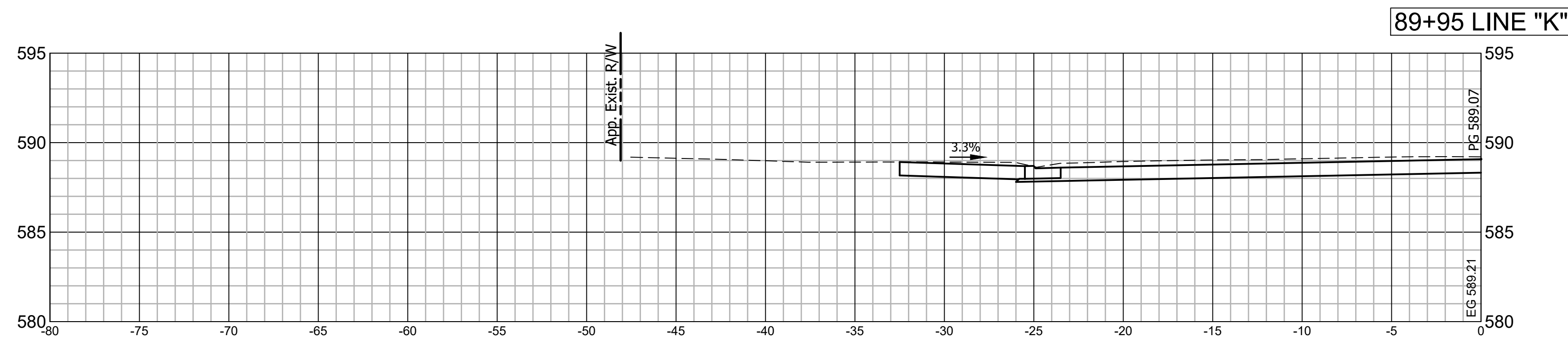
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____

DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

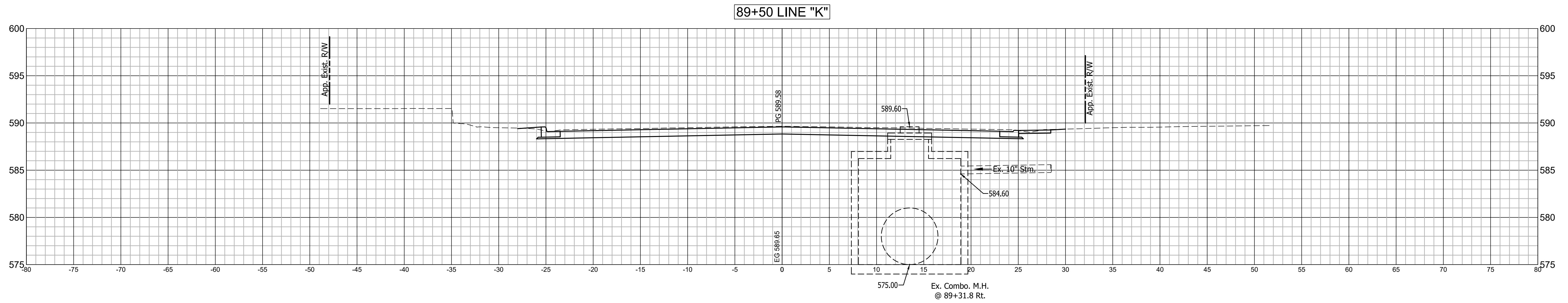
INDIANA DEPARTMENT OF TRANSPORTATION

LINE "K" CROSS SECTIONS

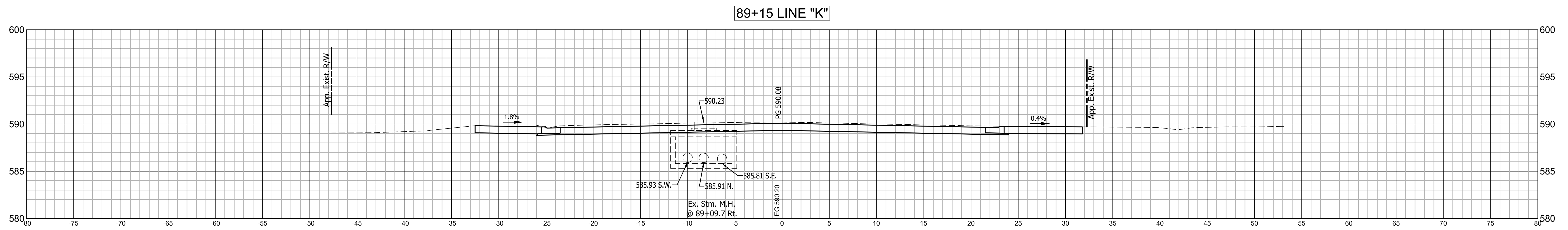
HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 55 of XX
CONTRACT R-42312	PROJECT 1901902



89+95 LINE "K"



89+50 LINE "K"



89+15 LINE "K"

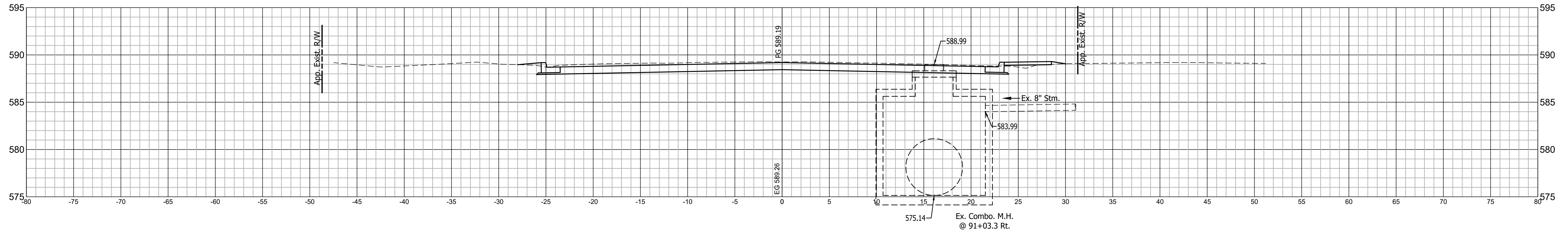
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

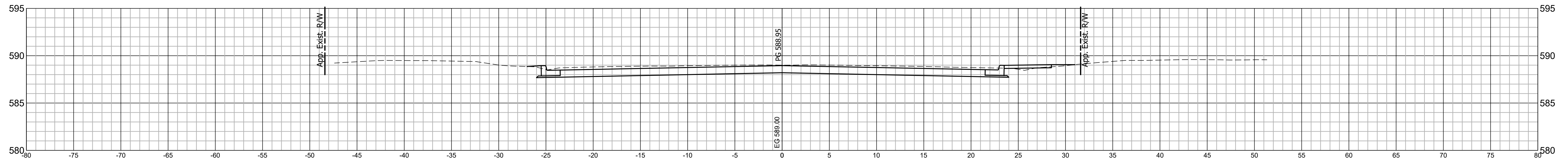
LINE "K"
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 56 of XX
CONTRACT R-42312	PROJECT 1901902

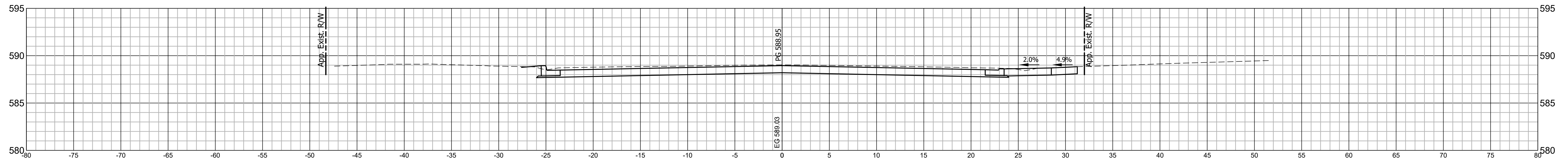
91+00 LINE "K"



90+50 LINE "K"



90+16 LINE "K"



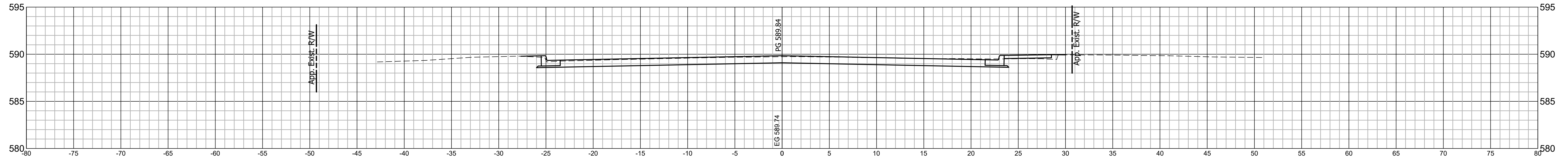
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.	
CHECKED: D.W.C.	CHECKED: D.W.C.	

INDIANA
DEPARTMENT OF TRANSPORTATION

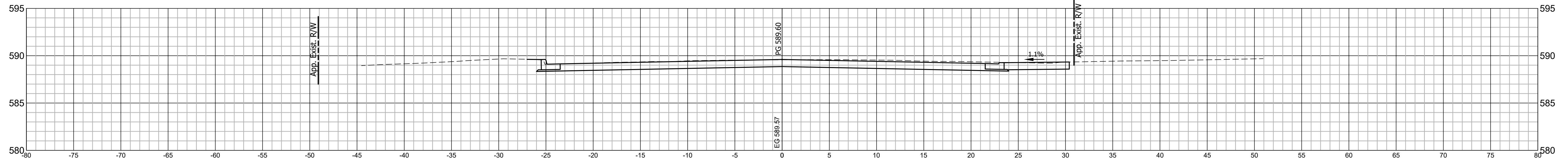
LINE "K"
CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 57 of XX
CONTRACT R-42312	PROJECT 1901902

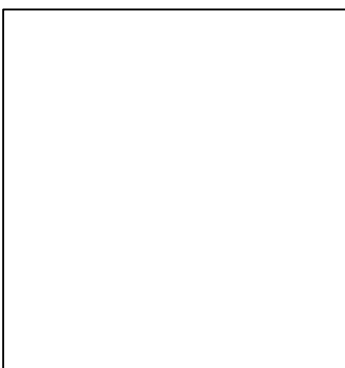
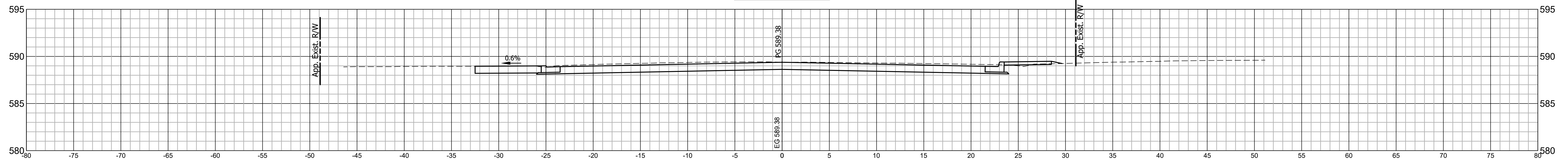
92+30 LINE "K"



91+83 LINE "K"



91+39 LINE "K"



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____

DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.

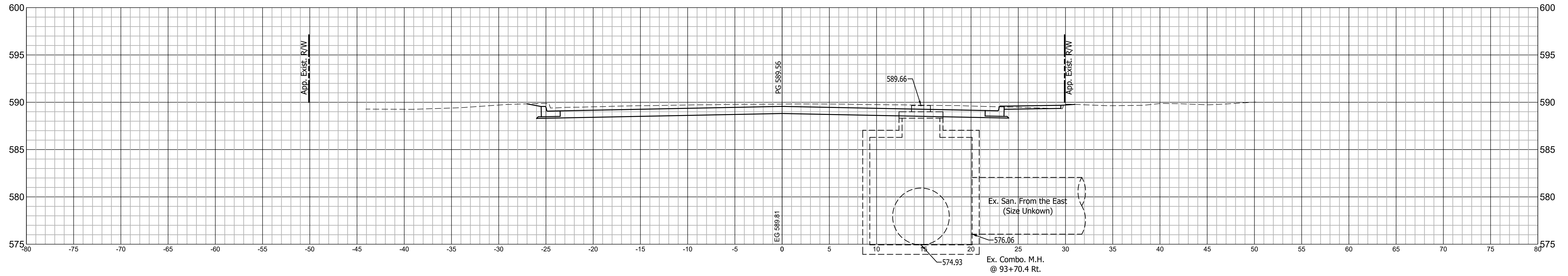
CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

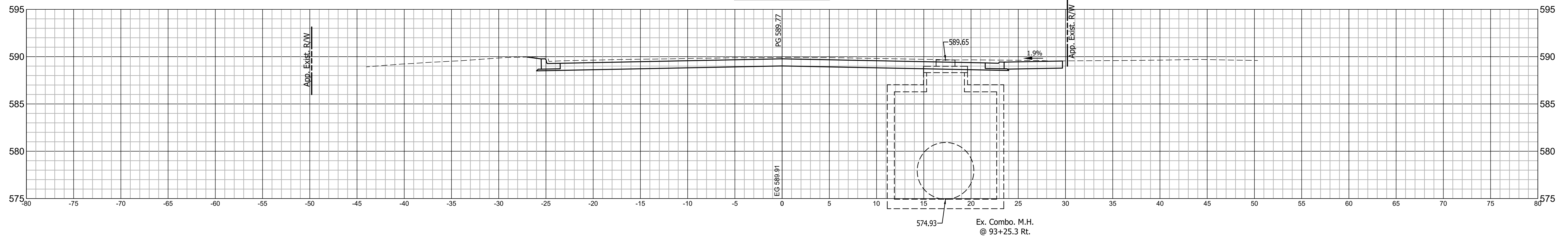
LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 58 of XX
CONTRACT R-42312	PROJECT 1901902

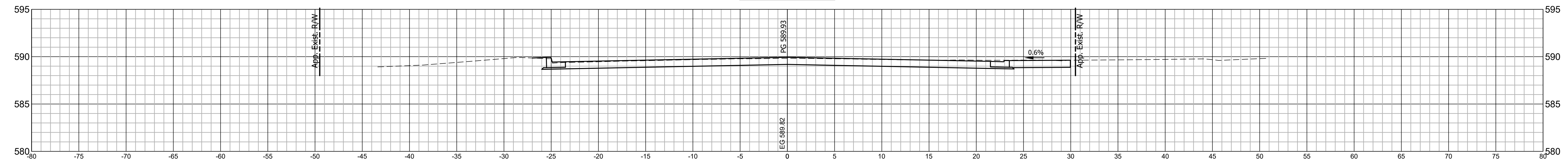
93+70 LINE "K"



93+24 LINE "K"



92+70 LINE "K"



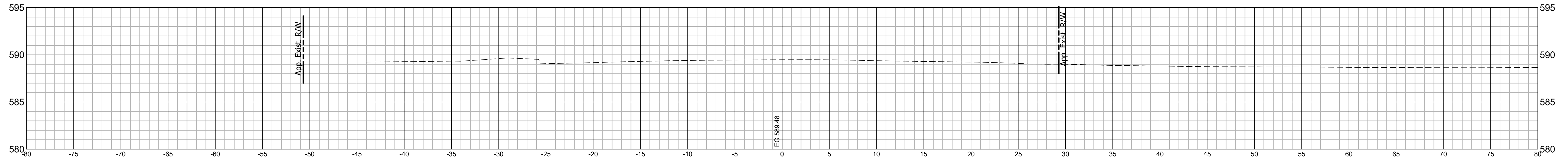
	RECOMMENDED FOR APPROVAL _____	
	DESIGN ENGINEER	DATE
	DESIGNED: C.E.S./T.F.S.	DRAWN: C.E.S./B.M.S.
	CHECKED: D.W.C.	CHECKED: D.W.C.

**INDIANA
DEPARTMENT OF TRANSPORTATION**

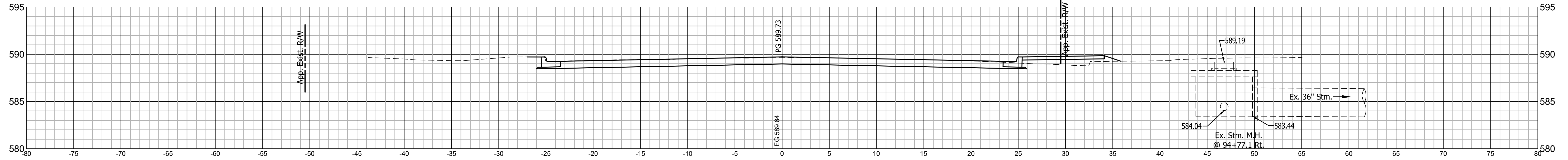
**LINE "K"
CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 59 of XX
CONTRACT R-42312	PROJECT 1901902

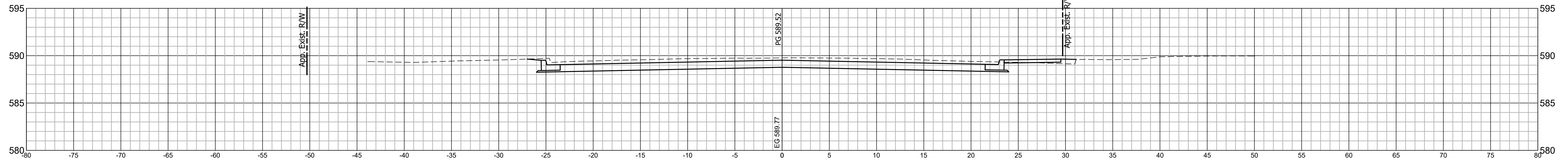
95+05 LINE "K"



94+64 LINE "K"



94+25 LINE "K"

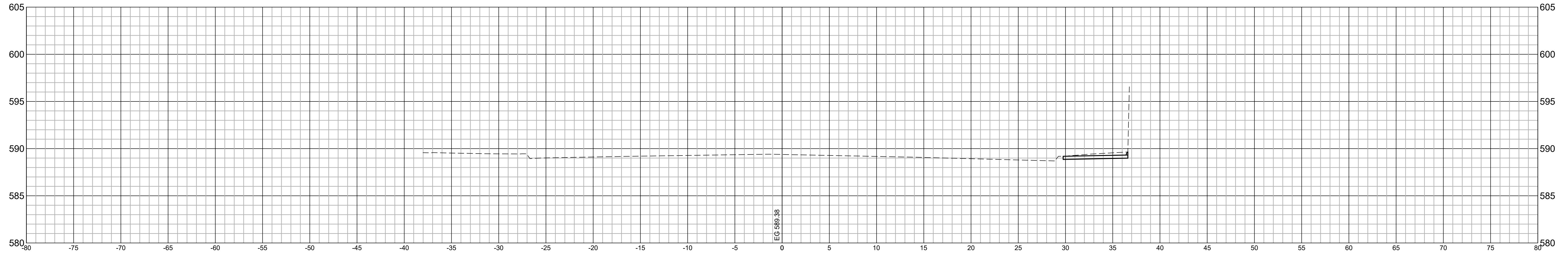


RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

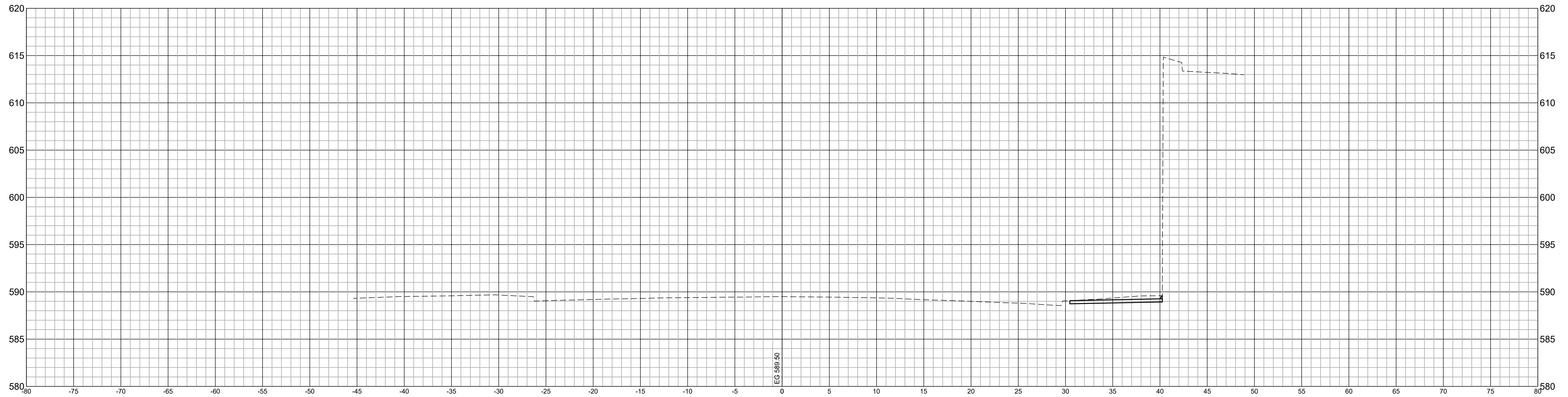
INDIANA DEPARTMENT OF TRANSPORTATION
 LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 60 of XX
CONTRACT R-42312	PROJECT 1901902

96+00 LINE "K"



95+60 LINE "K"



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____

DESIGNED: C.E.S./T.F.S. DRAWN: C.E.S./B.M.S.
 CHECKED: D.W.C. CHECKED: D.W.C.

INDIANA DEPARTMENT OF TRANSPORTATION

LINE "K" CROSS SECTIONS

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1901902
SURVEY BOOK N/A	SHEETS 61 of XX
CONTRACT R-42312	PROJECT 1901902