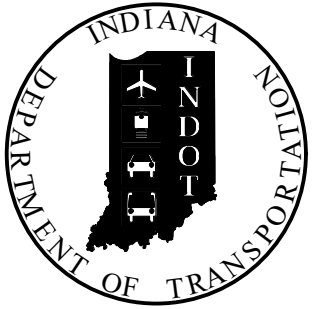


PROJECT	DESIGNATION
2100188	2100968 & 2100969
CONTRACT	BRIDGE FILE
R-43686	063-83-02002 ANBL & ASBL

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
063-83-02002 ANBL & ASBL (TO BE REMOVED)	CONTINUOUS COMPOSITE STEEL BEAM BRIDGE	3 SPANS: 51'-0", 70'-0", 51'-0" SKEW: SQUARE	FORMER NORFOLK & SOUTHERN RAILROAD CORRIDOR	± STRUCTURE STA.1117+71.50 "L"

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
2100188 (LEAD)	STRUCTURAL HMA OVERLAY ON SR 63
2001776	SMALL CULVERTS AND DRAINS ON SR 63
2100966	BRIDGE DECK REPLACEMENT FOR STRUCTURE 063-83-03561 DNBL
2100967	BRIDGE DECK REPLACEMENT FOR STRUCTURE 063-83-03561 JCSB
2100968	BRIDGE REMOVAL OF STRUCTURE 063-83-02002 ANBL
2100969	BRIDGE REMOVAL OF STRUCTURE 063-83-02002 ASBL

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

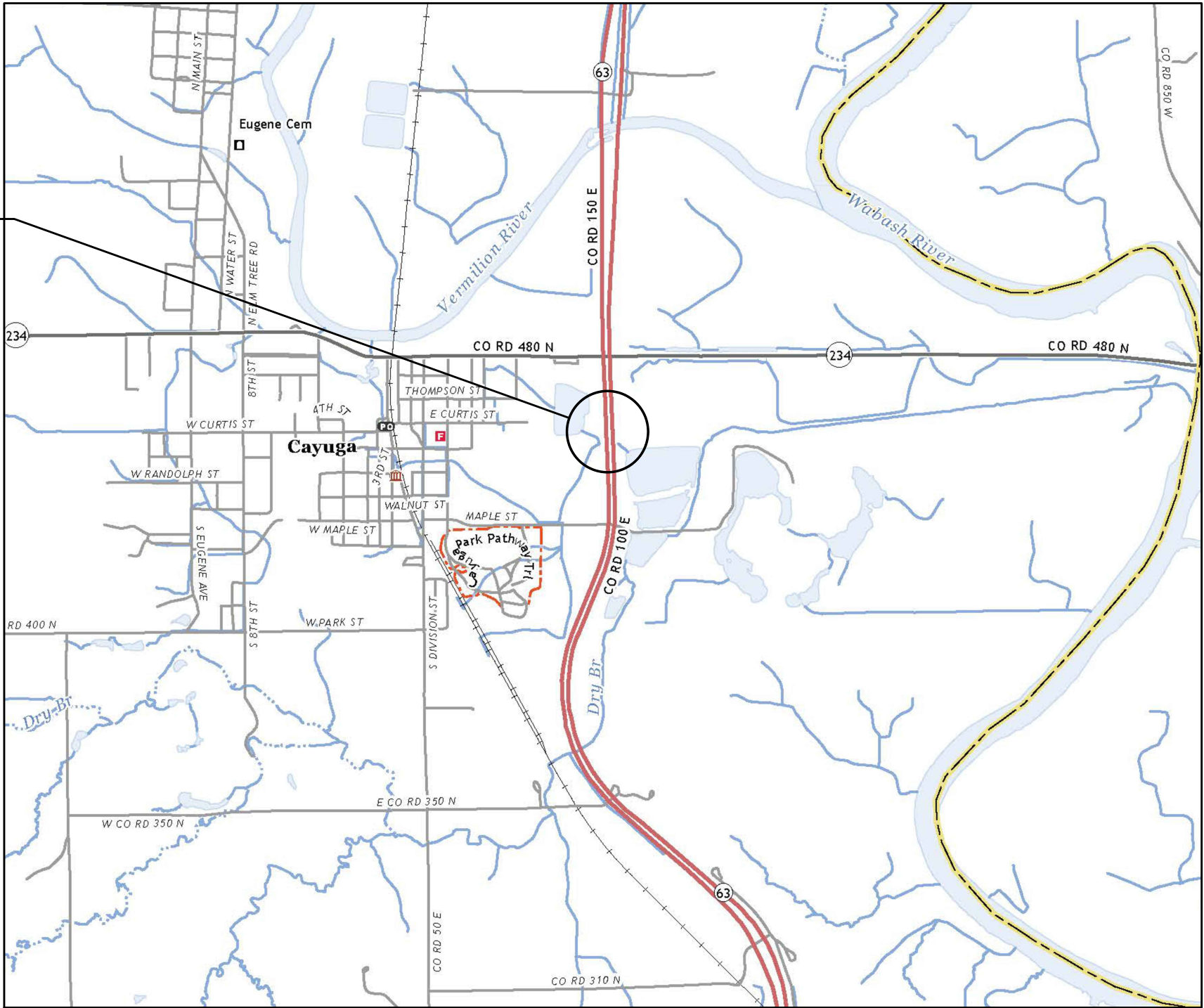
BRIDGE REMOVAL

ROUTE: SR 63 AT: RP 66+47

PROJECT NO. 2100968 & 2100969 P.E.
2100968 & 2100969 R/W
2100968 & 2100969 CONST.

Bridge Removal on SR 63 over Former Norfolk & Southern Railroad Corridor
Located 0.24 Miles South of SR 234 in
Sections 4 & 5, T-17-N, R-9-W, Eugene Township, Vermillion County, Indiana

PROJECT LOCATION
Begin Project-Sta.1116+40.00 "L"
End Project-Sta.1118+90.00 "L"



LOCATION MAP
SCALE: 1" = 2000'

TRAFFIC DATA

A.A.D.T.	(2026)	7034	V.P.D.
A.A.D.T.	(2046)	7307	V.P.D.
D.H.V	(2046)	634	V.P.H.
DIRECTIONAL DISTRIBUTION		50.36	%
TRUCKS		26.92	% A.A.D.T.
		15.21	% D.H.V.

DESIGN DATA

DESIGN SPEED	60 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	PARTIAL



PROJECT LOCATION SHOWN BY
VERMILLION COUNTY

LATITUDE: 39°56'55.70" N LONGITUDE: 87°27'04.50" W

BRIDGE LENGTH: 0.000 MI.
ROADWAY LENGTH: 0.047 MI.
TOTAL LENGTH: 0.047 MI.
MAX. GRADE: 0.75 %

HUC 12: 051201081602
HUC 14: 05120108140010

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2024
TO BE USED WITH THESE PLANS.

PLANS PREPARED BY:



PLANS PREPARED BY: Egis BLN USA, Inc.
8320 Craig Street | Indianapolis, IN 46250

(317) 849-5832
www.egis-group.com
PHONE NUMBER

CERTIFIED BY: _____ DATE _____

APPROVED FOR LETTING: _____ DATE _____
INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE

063-83-02002 ANBL & ASBL

DESIGNATION

2100968 & 2100969

DRAWING NO.

SHEETS

1

of

23

CONTRACT

PROJECT

R-43686

2100188

UTILITIES

AT&T DISTRIBUTION
13630 Lorain Ave.
Cleveland, OH 44111
Attn: Maurice Douglas
Ph: N/A
Email: md3158@att.com

DUKE ENERGY - ELECTRIC
100 S. Mill Creek Rd.
Noblesville, IN 46062
Attn: Don McDuffy
Ph: 317-776-5320
Email: DEI-TLine-Coord@Duke-energy.com

DUKE ENERGY - TRANSMISSIONS
1000 E. Main St. (WP 922)
Plainfield, IN 46168
Attn: Zach Boston
Ph: 317-838-1054
Email: DEI-TLine-Coord@Duke-energy.com

TOWN OF CAYUGA - SANITARY & WATER
301 S. 1st St.
Cayuga, IN 47928
Attn: George Highnote
Ph: 765-492-4103
Email: cayugautilities@att.net



**Know what's below.
Call before you dig.**

INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY 7 DAYS A WEEK

INDEX

[illegible]

REVISIONS

REVISIONS		
SHEET NO.	DATE	REVISED

RECOMMENDED FOR APPROVAL _____

DESIGN ENGINEER DATE

DESIGNED: JAP	DRAWN: NW
CHECKED: RKH	CHECKED: JAP

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX SHEET

HORIZONTAL SCALE

N/A

VERTICAL SCALE

N/A

BRIDGE FILE

063-83-02002 ANBL & ASBL

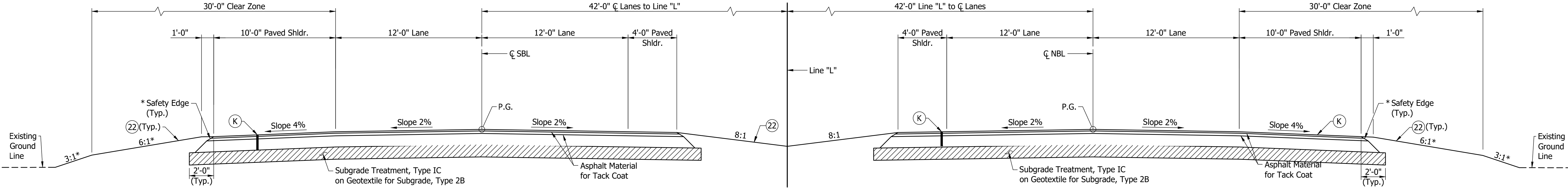
DESIGNATION

2100968 & 2100969

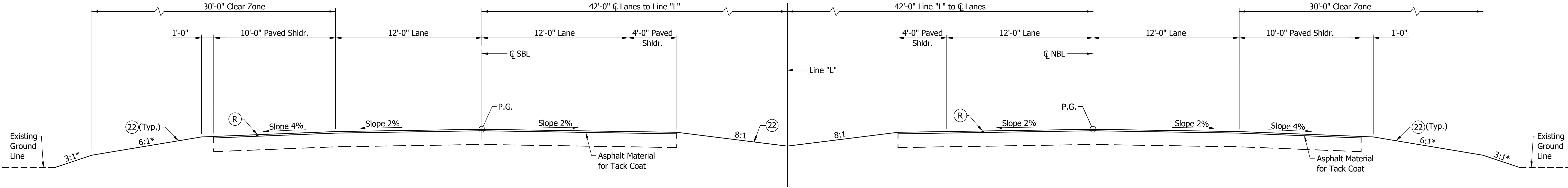
DRAWING NO.

SHEETS

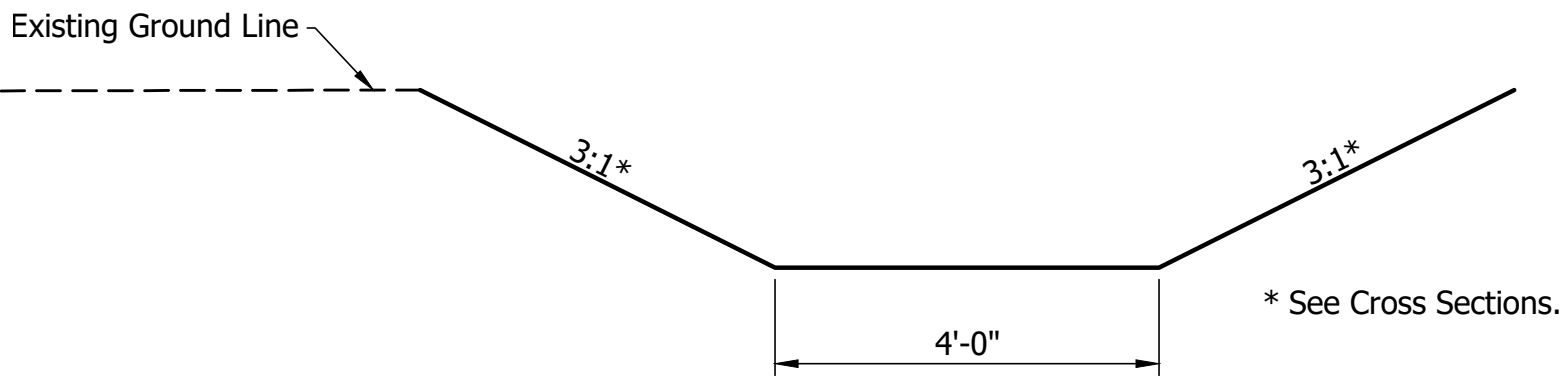
2 of 23



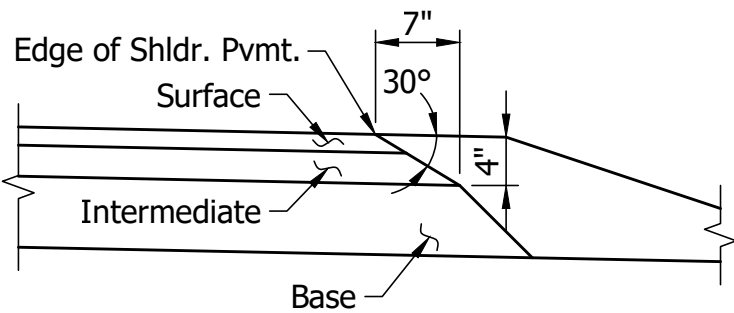
TYPICAL SECTION
Sta.1116+40.00 "L" to Sta.1118+90.00 "L"
Scale: 1/4" = 1'-0"



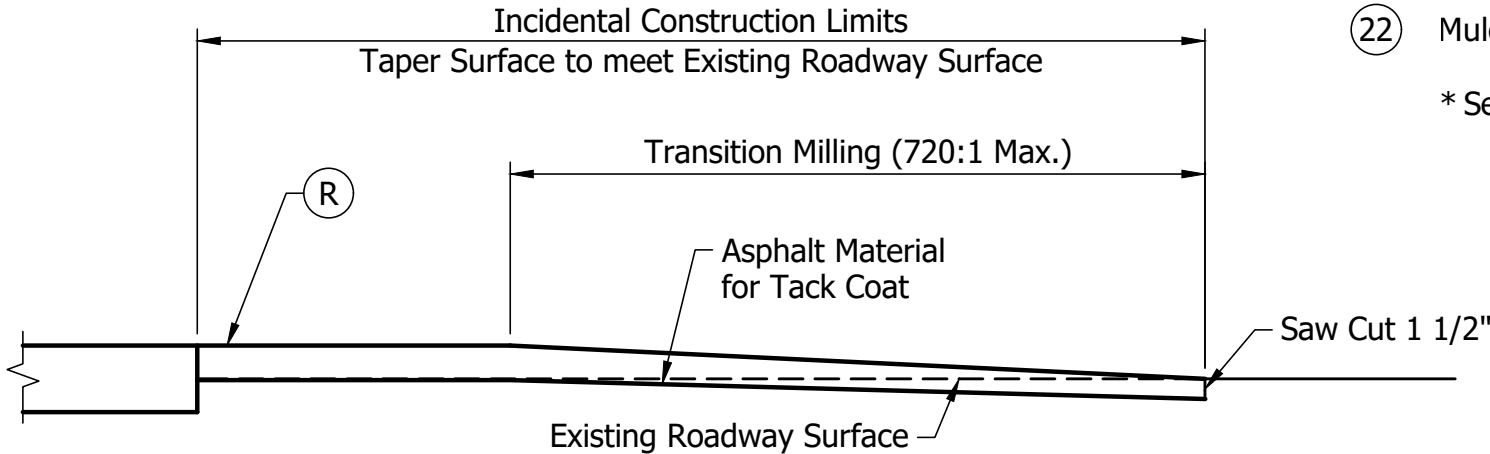
TYPICAL SECTION
Sta.1115+90.00 "L" to Sta.1116+40.00 "L"
Sta.1118+90.00 "L" to Sta.1119+40.00 "L"
Scale: 1/4" = 1'-0"



SPECIAL FLAT BOTTOM DITCH
Scale: 1/2" = 1'-0"



30° SAFETY EDGE
Scale: 3/4" = 1'-0"

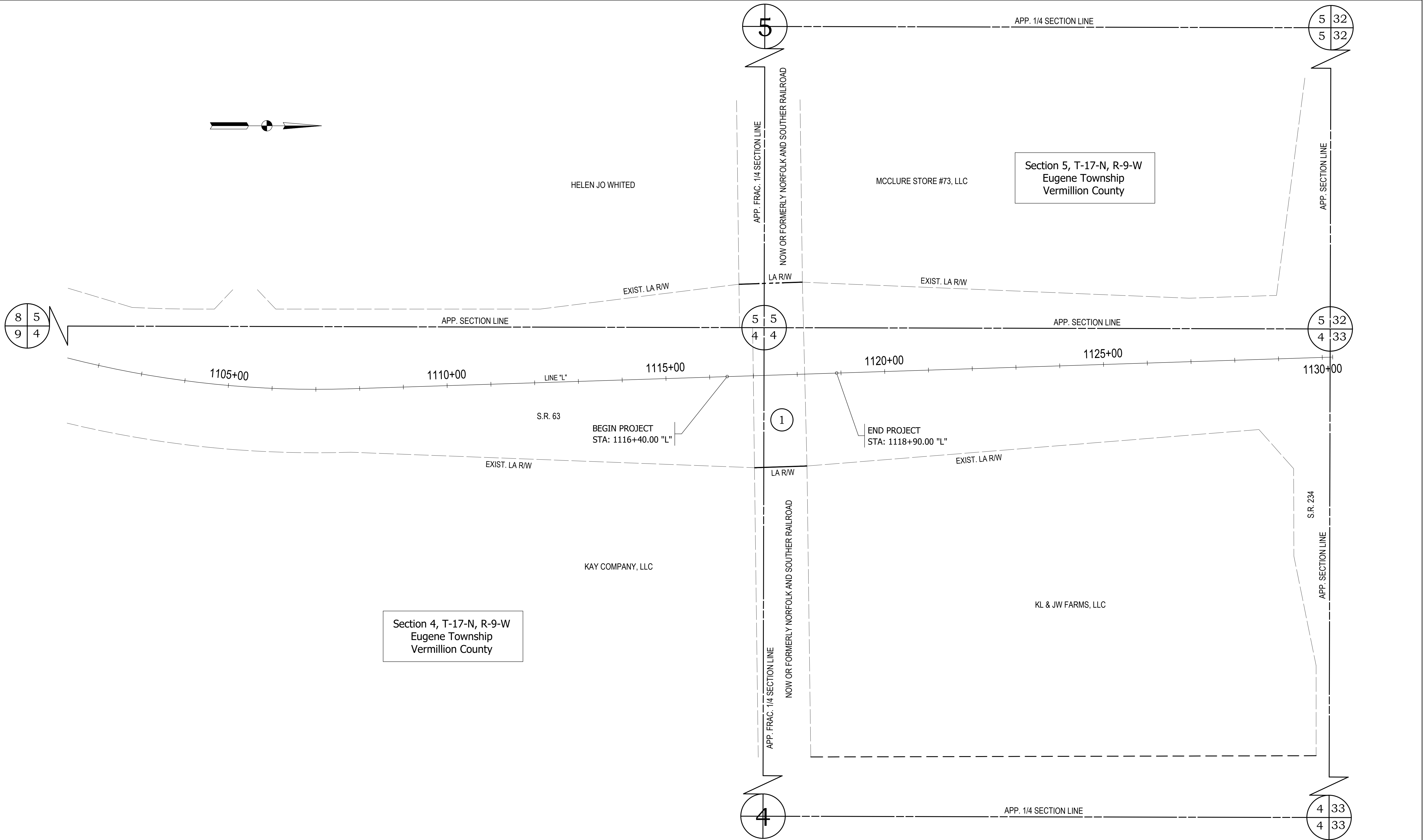


MATCHING EXISTING PAVEMENT
(Req'd. @ End of Project)
No Scale

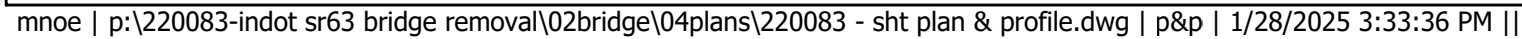
LEGEND

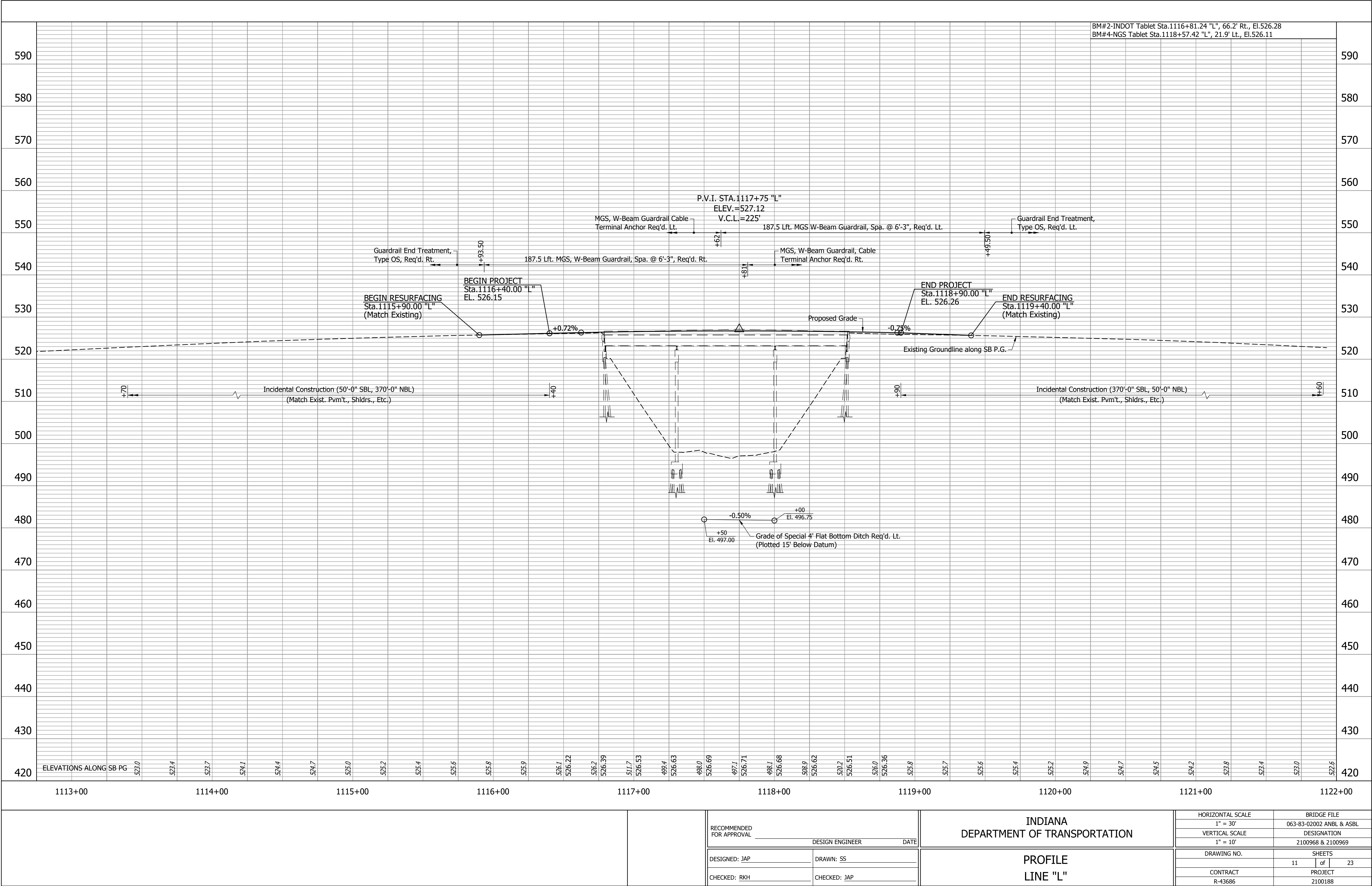
- (K) 165 lbs/syd QC/QA-HMA, 4, 58E, Surface, 9.5 mm on 275 lbs/syd QC/QA-HMA, 4, 58E, Intermediate, 19.0 mm on 1100 lbs/syd QC/QA-HMA, 4, 58S, Base, 25.0 mm
- (N) Compacted Aggregate No.53 (Variable Depth)
- (R) 165 lbs/syd QC/QA-HMA, 4, 58E, Surface, 9.5 mm
- (22) Mulched Seeding, R

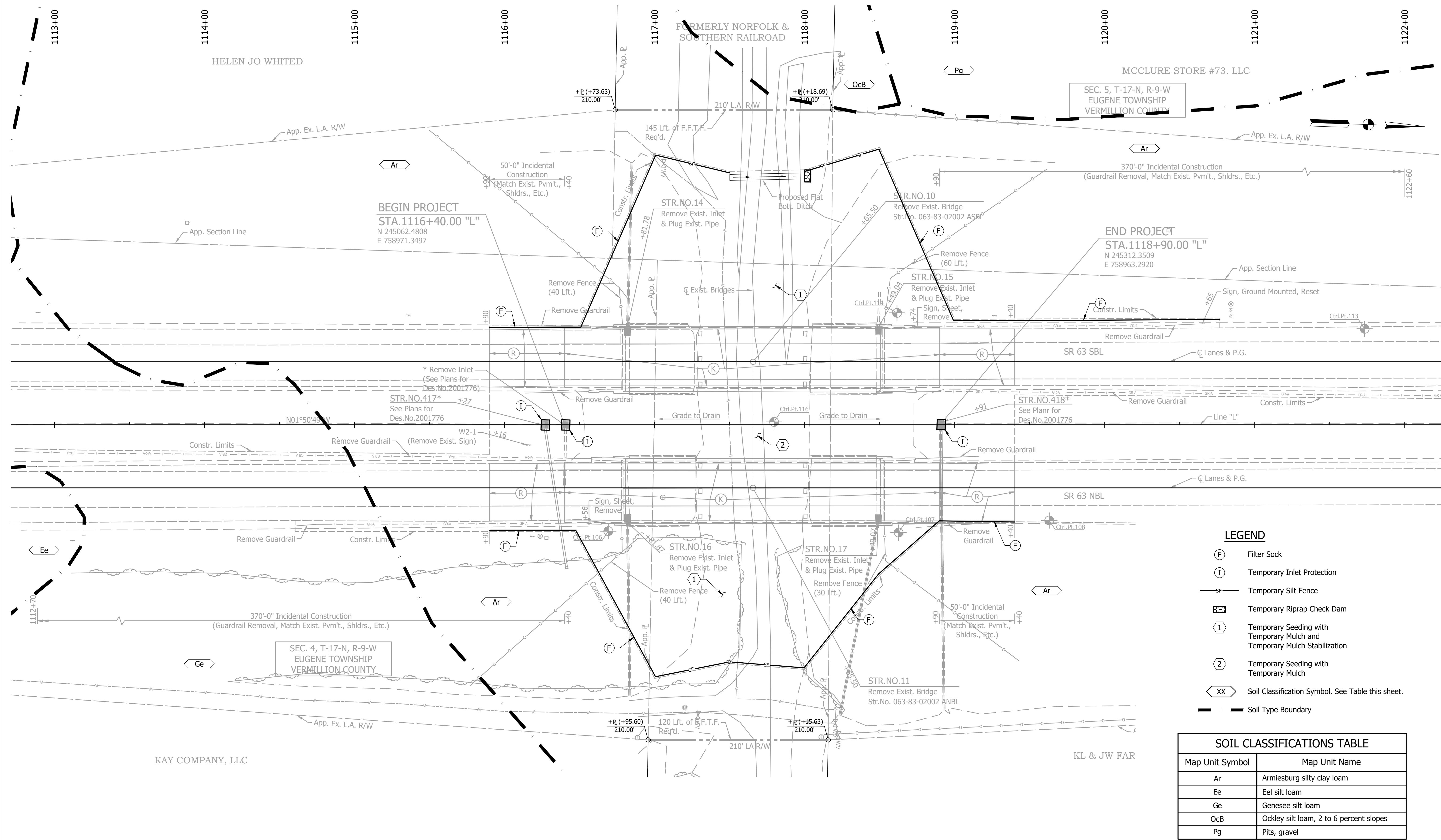
* See Cross Sections for slope



		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
						1" = 100'		063-83-02002 ANBL & ASBL	
		DESIGNED: JAP _____ CHECKED: RKH _____		DRAWN: MJD _____ CHECKED: ECP _____		VERTICAL SCALE		DESIGNATION	
						N/A		2100968 & 2100969	
						DRAWING NO.		SHEETS	
						CONTRACT		PROJECT	
R-43686		2100188							
PLAT NO. 1									







LEGEND

F

Filter Sock

I

Temporary Inlet Protection

Temporary Silt Fence

Temporary Riprap Check Dam

1

Temporary Seeding with Temporary Mulch and Temporary Mulch Stabilization

2

Temporary Seeding with Temporary Mulch

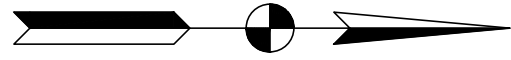
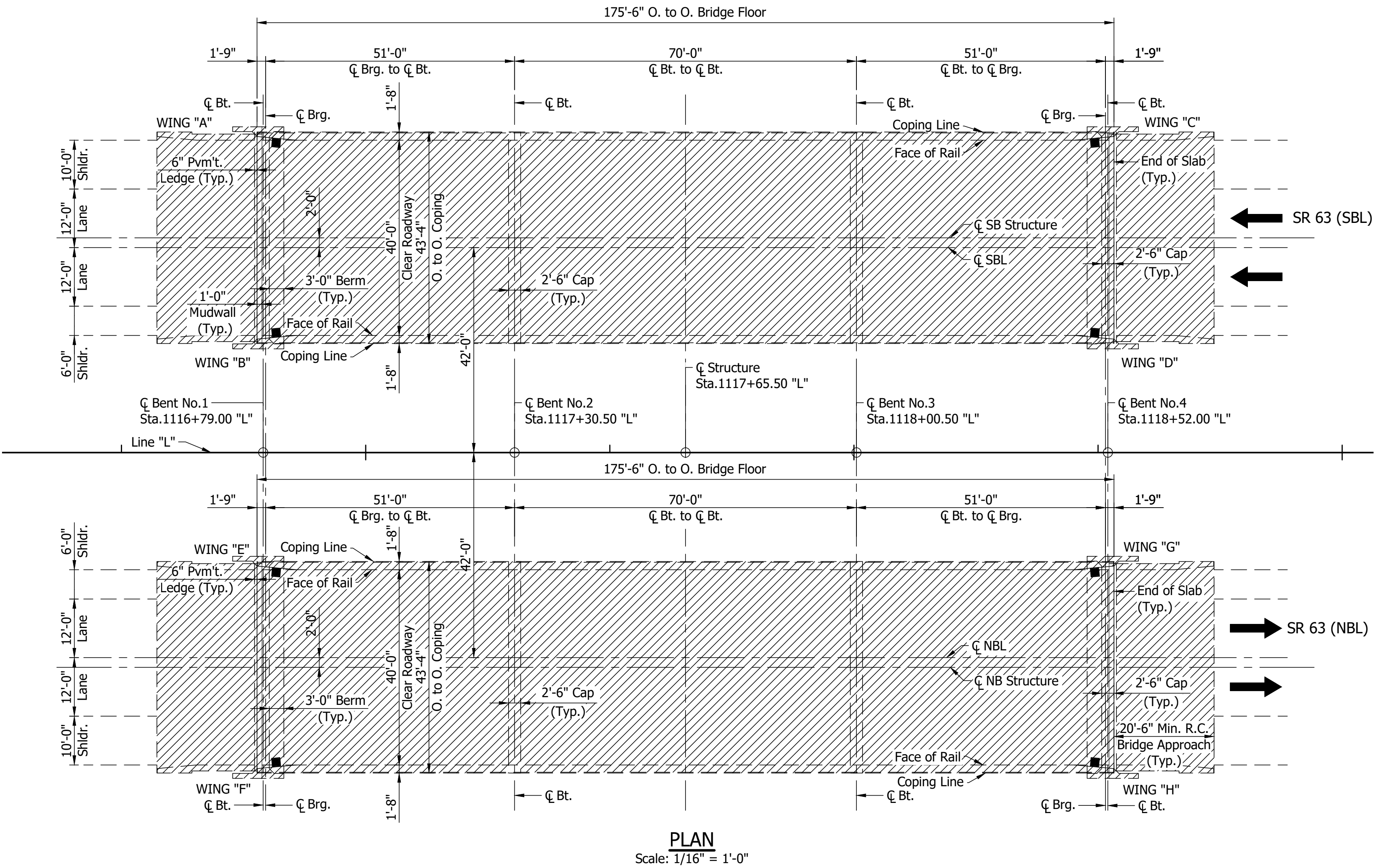
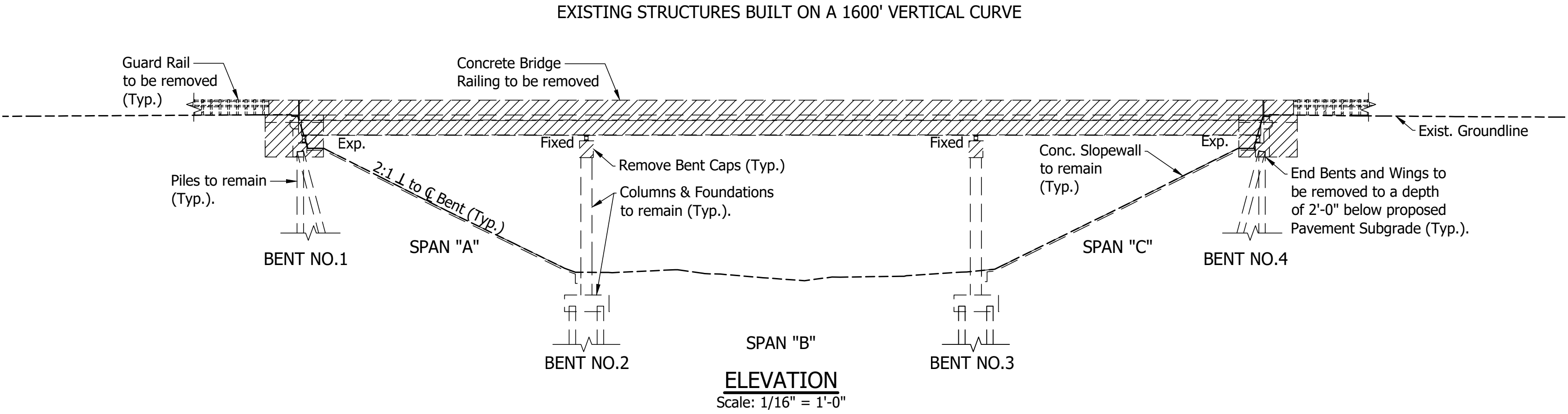
XX

Soil Classification Symbol. See Table this sheet.

Soil Type Boundary

SOIL CLASSIFICATIONS TABLE			
Map Unit Symbol		Map Unit Name	
Ar		Armiesburg silty clay loam	
Ee		Eel silt loam	
Ge		Genesee silt loam	
OcB		Ockley silt loam, 2 to 6 percent slopes	
Pg		Pits, gravel	

RECOMMENDED FOR APPROVAL _____ DESIGNED: JAP CHECKED: RKH		DESIGN ENGINEER _____ DRAWN: NW CHECKED: JAP		INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLAN "LINE L"		HORIZONTAL SCALE 1" = 30'		BRIDGE FILE 063-83-02002 ANBL & ASBL	
						VERTICAL SCALE N/A		DESIGNATION 2100968 & 2100969	
						DRAWING NO.		SHEETS	
						CONTRACT R-43686		12 of 23 PROJECT 2100188	



Notes:

For Existing Typical Section, see Dwg.C2.

Hatched area indicates portions to be removed.

TWIN CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
3 SPANS: 51'-0", 70'-0", 51'-0"
40'-0" CLEAR ROADWAY SKEW: SQUARE
SR 63 OVER ABANDONED RAILROAD
VERMILLION COUNTY

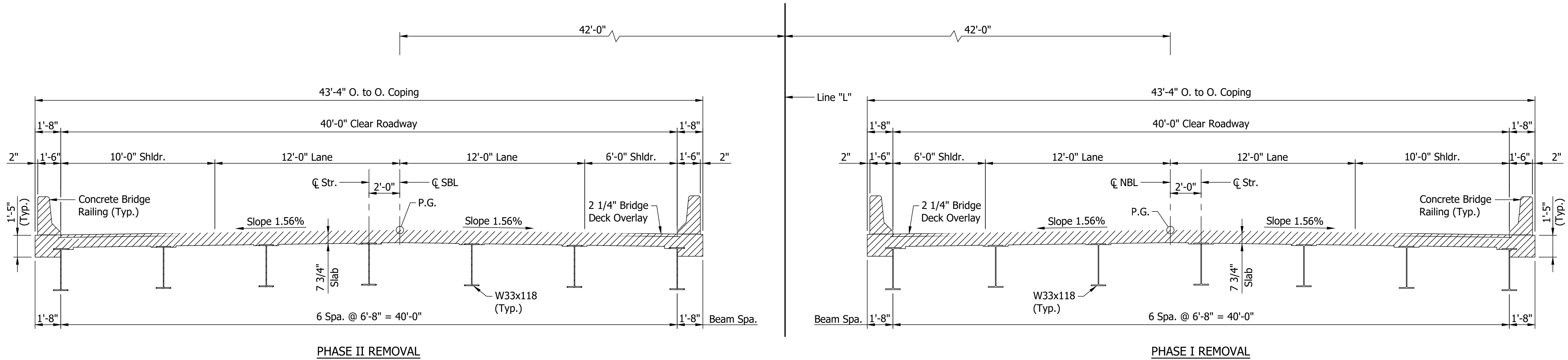
RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: JAP DRAWN: NW
CHECKED: RKH CHECKED: JAP

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
EXISTING

HORIZONTAL SCALE 1/16" = 1'-0"	BRIDGE FILE 063-83-02002 ANBL & ASBL		
VERTICAL SCALE 1/16" = 1'-0"	DESIGNATION 2100968 & 2100969		
DRAWING NO. C1 of C2	SHEETS 13 of 23		
CONTRACT R-43686	PROJECT 2100188		



TYPICAL SECTION
Scale: 1/4" = 1'-0"

Notes:
For Existing General Plan, see Dwg.C1.
Hatched area indicates portions to be removed.

TWIN CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
3 SPANS: 51'-0", 70'-0", 51'-0"
40'-0" CLEAR ROADWAY SKEW: SQUARE
SR 63 OVER ABANDONED RAILROAD
VERMILLION COUNTY

		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE		BRIDGE FILE	
					1/4" = 1'-0"		063-83-02002 ANBL & ASBL	
					VERTICAL SCALE		DESIGNATION	
					1/4" = 1'-0"		2100968 & 2100969	
					DRAWING NO.		SHEETS	
DESIGNED: JAP		DRAWN: NW		C2 of C2		14 of 23		
CHECKED: RKH		CHECKED: JAP		CONTRACT		PROJECT		
				R-43686		2100188		
				GENERAL PLAN TYPICAL SECTION				

		PIPE MATERIAL TABLE							
CORRUGATED STEEL PIPE PIPE-ARCH									
	PIPE TYPE/SHAPE								
	SMOOTH PIPE SIZE								
	CORRUGATED PIPE SIZE								
	RCP/RCHEP (S)	CLASS							
		D _{0.01} RATING							
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)								
	CORRUGATED PE PIPE, TYPE S (S) *								
	RIBBED PE PIPE (S)								
	SMOOTH WALL PE PIPE (S)/MAXIMUM DR								
	PROFILE WALL PVC PIPE (S)								
	SMOOTH WALL PVC PIPE (S)								
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)								
	FULLY BIT. PAVED & LINED (S)	CORR. PROFILE THICKNESS							
	ZINC COATED (C)	CORR. PROFILE THICKNESS							
	ZINC COATED W/BPI (LS)	CORR. PROFILE THICKNESS							
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE THICKNESS							
	ALUM. COATED TYPE 2 W/ BPI (C) (S) IA OR IIA	CORR. PROFILE THICKNESS							
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE THICKNESS							
POLYMER PRECOATED GALVANIZED (S) IA OR IIIA	CORR. PROFILE THICKNESS								
CORRUGATED ALUM. ALLOY PIPE W/ BPI	CORR. PROFILE THICKNESS								
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE THICKNESS								
STR. PLATE ALUMINUM ALLOY PIPE (C)	CORR. PROFILE THICKNESS								
STR. PLATE ALUMINUM ALLOY PIPE W/BPI (C)	CORR. PROFILE THICKNESS								
STR. PLATE STEEL PIPE (C)	CORR. PROFILE THICKNESS								
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE THICKNESS								

[illegible]

LEGEND

RCP -	REINFORCED CONCRETE PIPE
RCEP -	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE
PE -	POLYETHYLENE
DR -	DIMENSION RATIO
PVC -	POLYVINYL CHLORIDE
BIT -	BITUMINOUS
CORR -	CORRUGATION
BPI -	BITUMINOUS PAVED INVERT
ALUM -	ALUMINUM
STR -	STRUCTURAL
CFP -	CONCRETE FIELD PAVING
(S) -	SMOOTH PIPE MATERIAL
(C) -	CORRUGATED PIPE MATERIAL
OK -	ACCEPTABLE FOR USE
(LS) -	LOCK SEAM PIPE REQUIRED
* -	REFER TO STANDARD DRAWING 715-PHCL-18 OR -19 FOR DIAMETER APPROPRIATE FOR PAY ITEM DIAMETER.
** -	TABULATED THICKNESS REFERS TO TOP & SIDE PLATES. BOTTOM PLATES SHALL BE OF NEXT GREATER AVAILABLE THICKNESS.

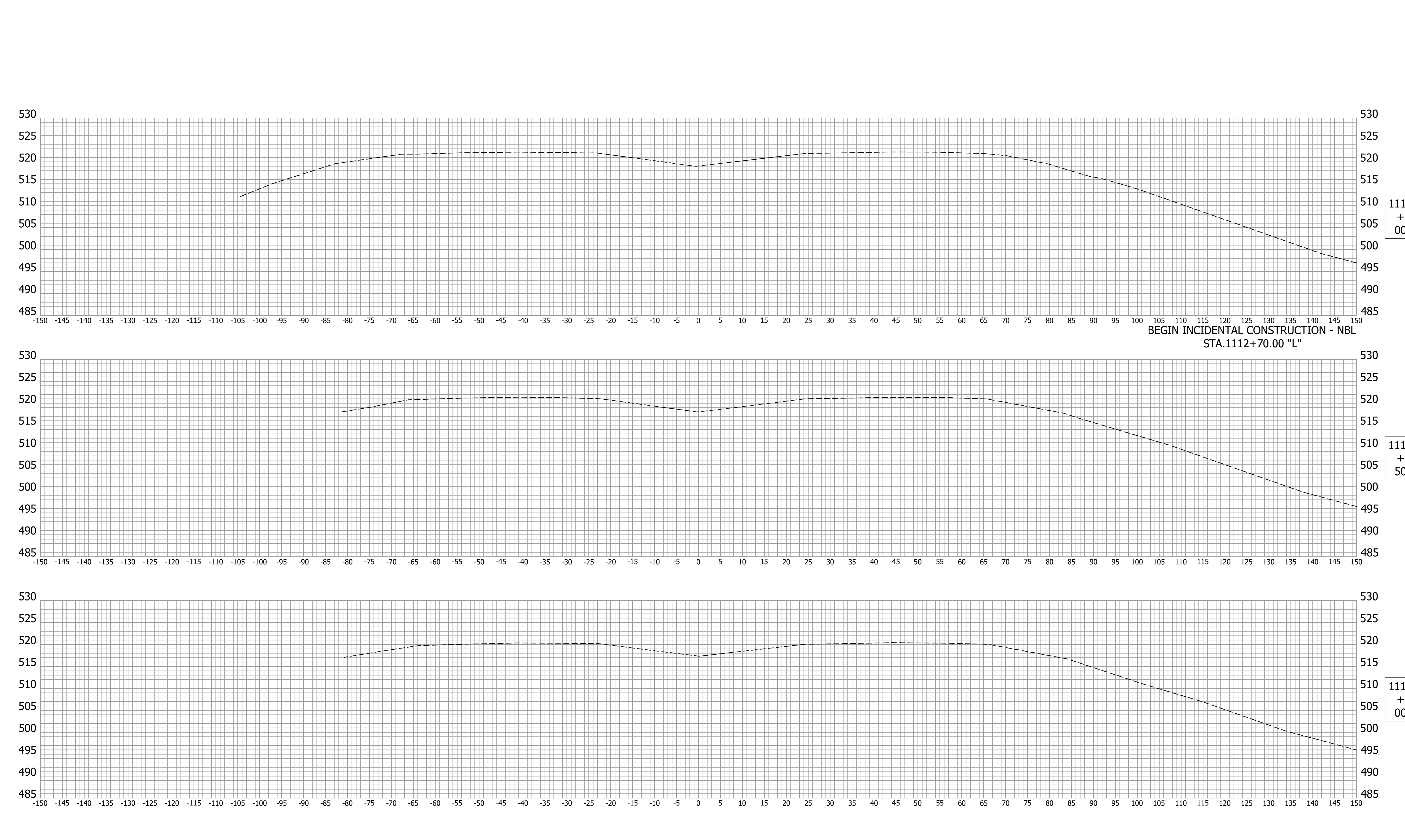
[illegible]

SHEET SIGN SUMMARY																			
SIGN								POST										SIGN, SHEET REMOVE	SIGN, GROUND MOUNTED, RESET
PLAN SHEET NO. /LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN. X IN.)	GROUND-MOUNTED SIGN AREA (SF)			MOUNTED ON PANEL SIGN, AREA (SF)	U CHANNEL				SQUARE							
												2" x 2" x 12 GA.							
								POST LENGTH		POST LENGTH		REINFORCED ANCHOR			UNREINFORCED ANCHOR				
								1 FT	2 FT	TYPE A FT	TYPE B FT	POST LENGTH (FT)			POST LENGTH (FT)				
				TYPE 1	TYPE 2	TOTAL	TYPE 1	TYPE 2	TOTAL	EACH	EACH								
10 / "L"	1116+16	W2-1	30x30	0.080 IN.	0.100 IN.	0.125 IN.	0.080 IN.											1	
10 / "L"	1116+56			6.25														1	
10 / "L"	1118+74																	1	
10 / "L"	1120+65																		1
TOTAL																		3	1

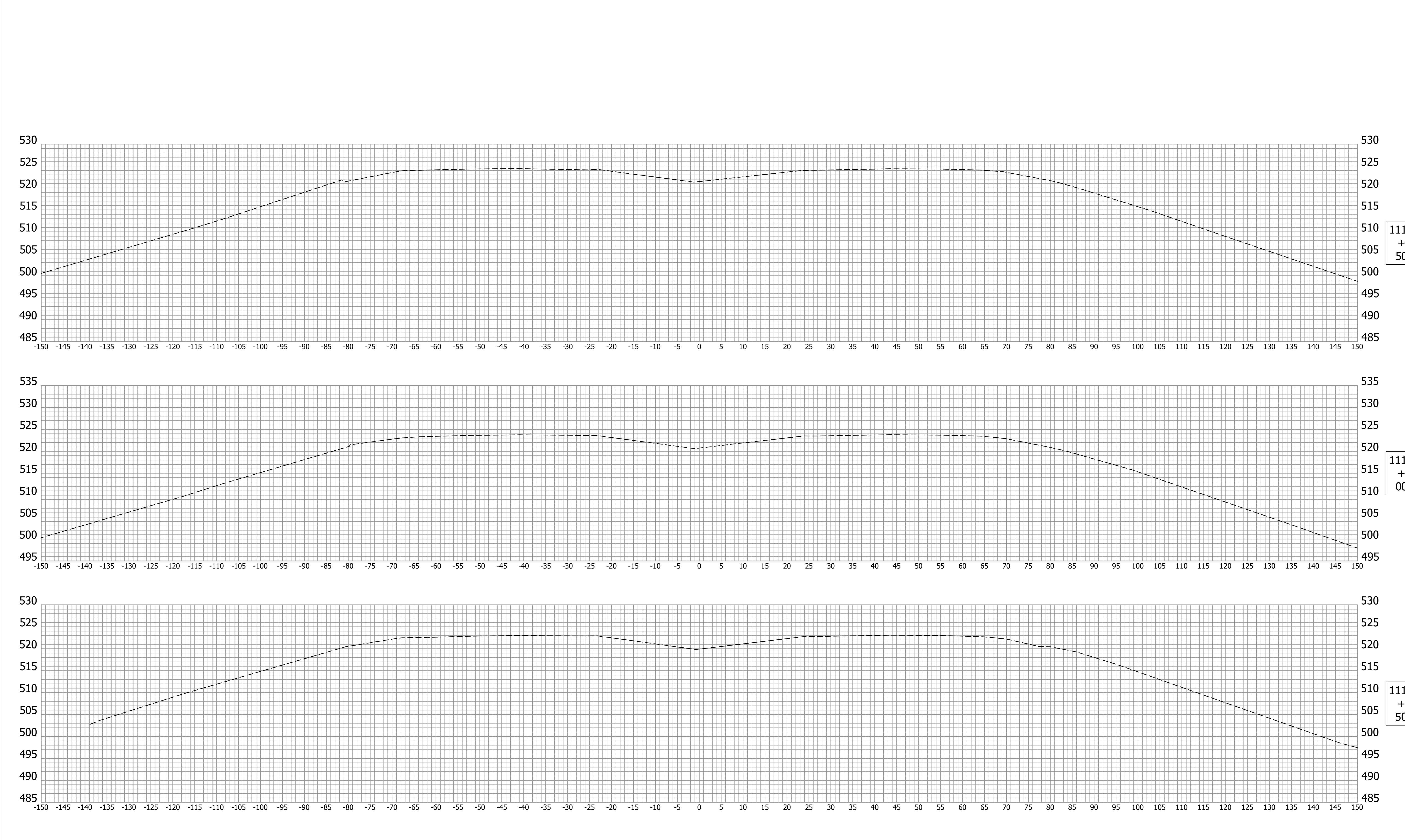
BRIDGE REFERENCE POST MARKER TABLE					
RP/BRP/MP NO.	LOCATION	SIGN CODE	SIZE (IN.)	POST LENGTH (FT)	REFERENCE POST (EACH)
TOTAL					

NOTE TO REVIEWER: Quantity Tables will be completed at Stage 3 submittal.
--

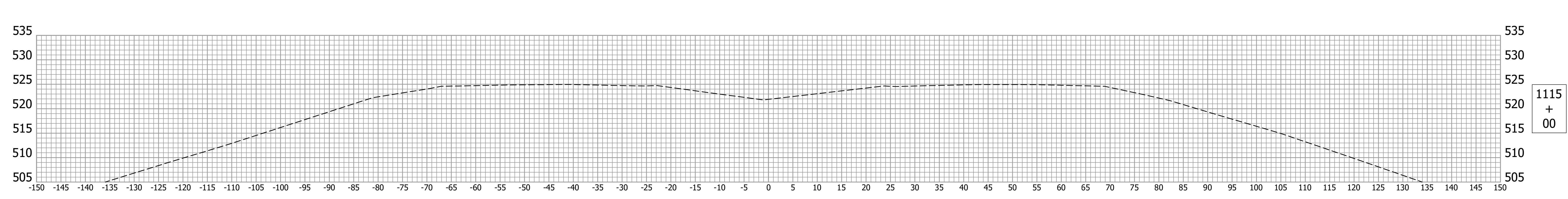
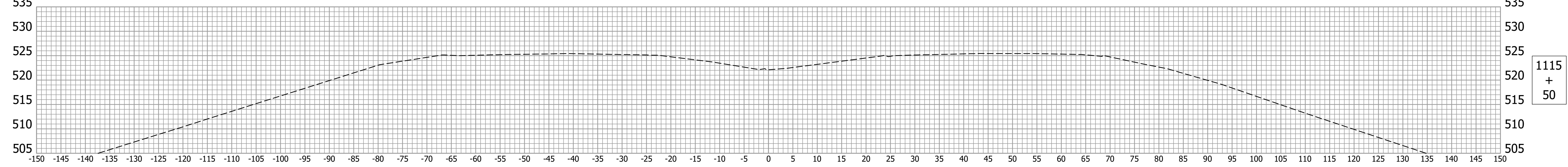
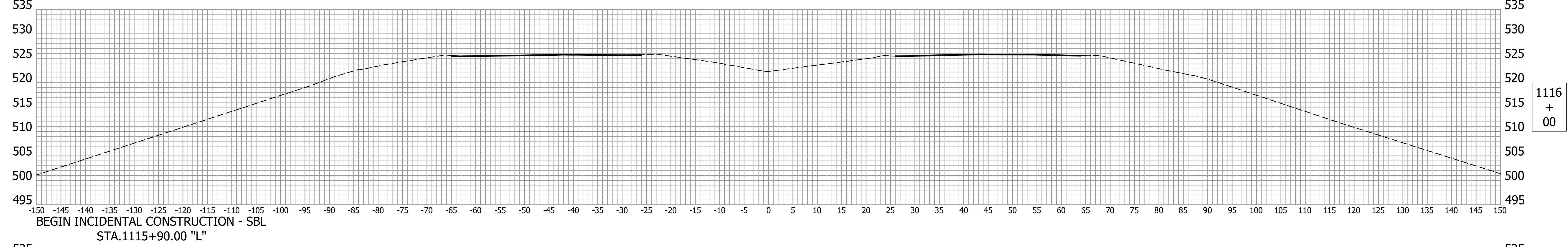
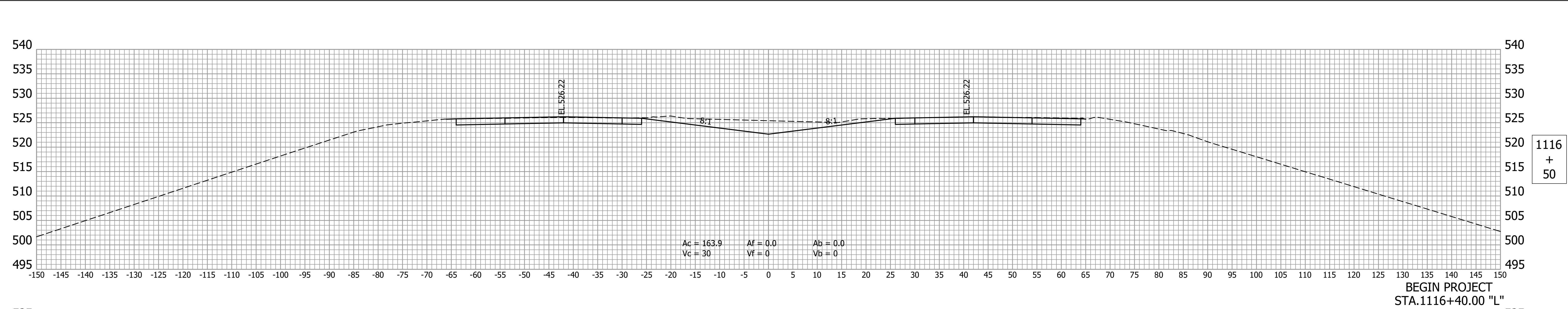
		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE			
						N/A		063-83-02002 ANBL & ASBL			
						VERTICAL SCALE		DESIGNATION			
						N/A		2100968 & 2100969			
		DESIGNED: <u>JAP</u>		DRAWN: <u>NW</u>		ROAD SUMMARY OF QUANTITIES		DRAWING NO.		SHEETS	
								16		of 23	
CHECKED: <u>RKH</u>		CHECKED: <u>JAP</u>				CONTRACT		PROJECT			
						R-43686		2100188			



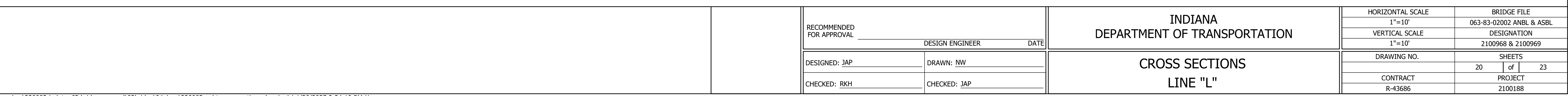
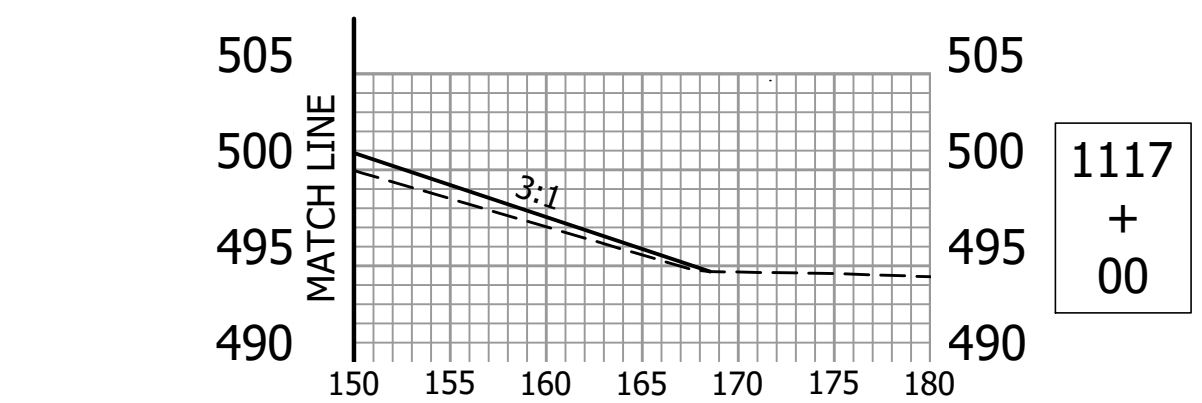
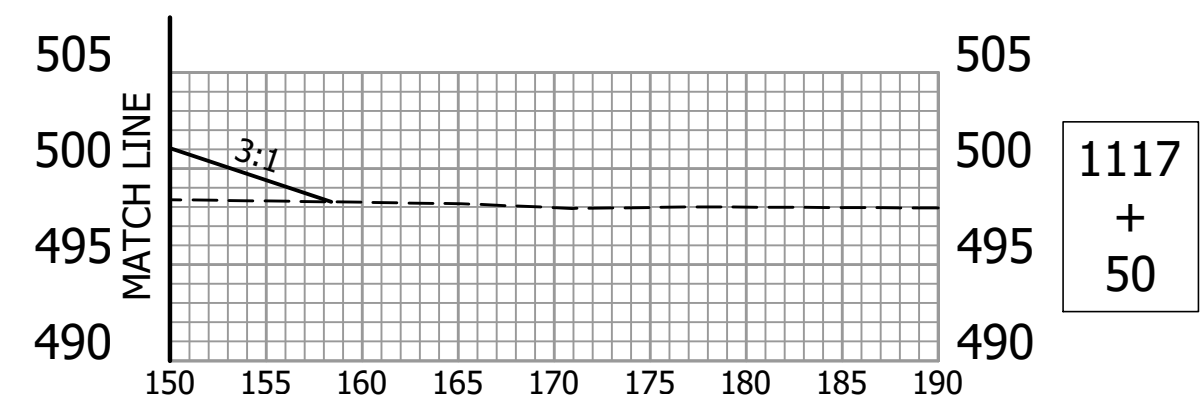
		RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1"=10'		BRIDGE FILE 063-83-02002 ANBL & AS	
		DESIGN ENGINEER _____			VERTICAL SCALE 1"=10'		DESIGNATION 2100968 & 2100969	
		DATE _____						
		DESIGNED: JAP _____	DRAWN: NW _____	CROSS SECTIONS LINE "L"	DRAWING NO.		SHEETS	
		CHECKED: RKH _____	CHECKED: JAP _____		CONTRACT R-43686		PROJECT 2100188	

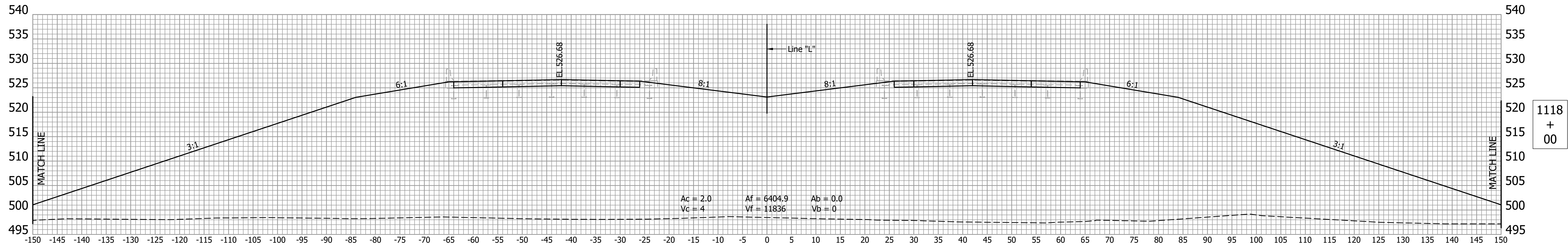
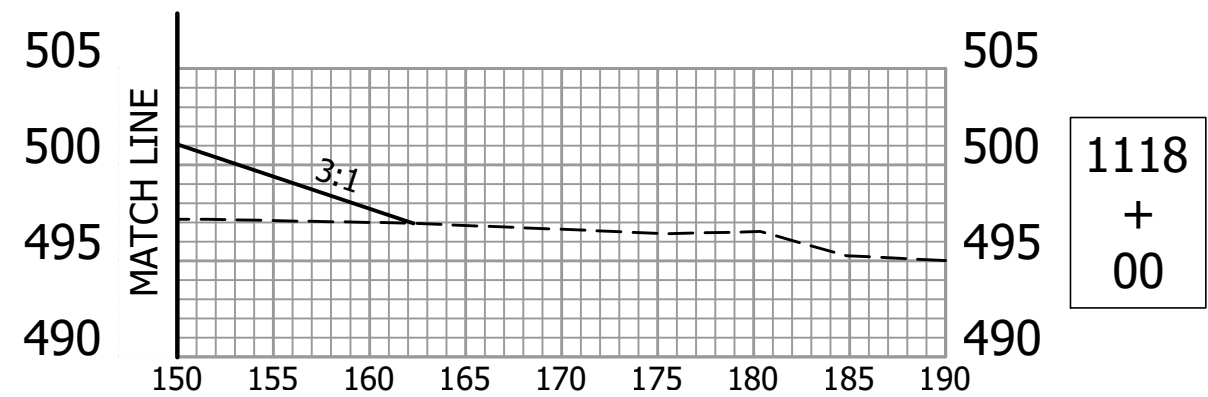
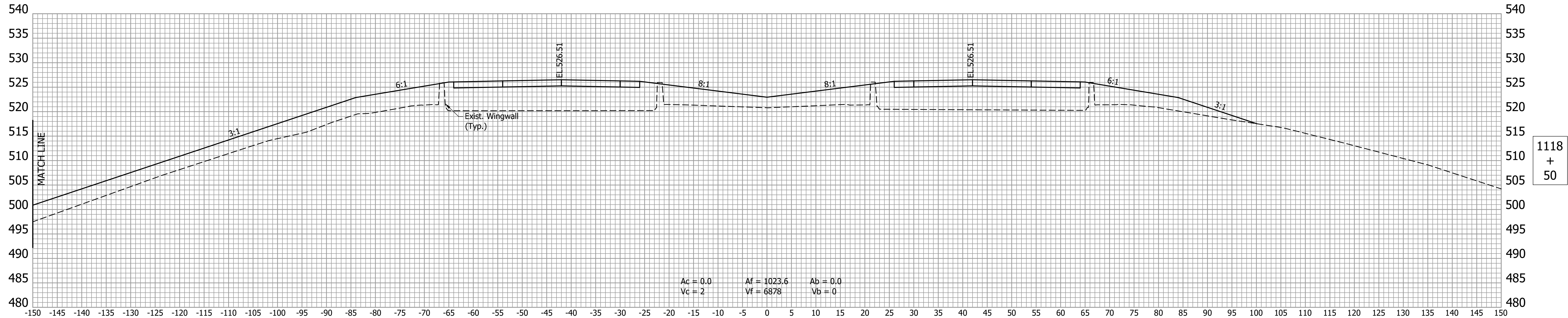


		RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1"=10'		BRIDGE FILE 063-83-02002 ANBL & AS	
		DESIGN ENGINEER _____ DATE _____			VERTICAL SCALE 1"=10'		DESIGNATION 2100968 & 2100969	
		DESIGNED: JAP	DRAWN: NW		CROSS SECTIONS LINE "L"			
		CHECKED: RKH	CHECKED: JAP					
				DRAWING NO.		SHEETS		
				18		of 2		
				CONTRACT R-43686		PROJECT 2100188		

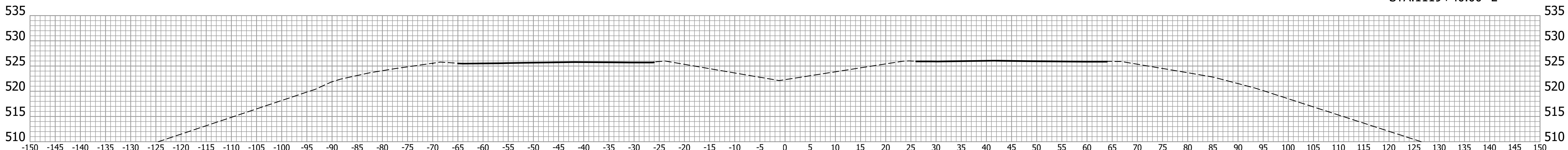
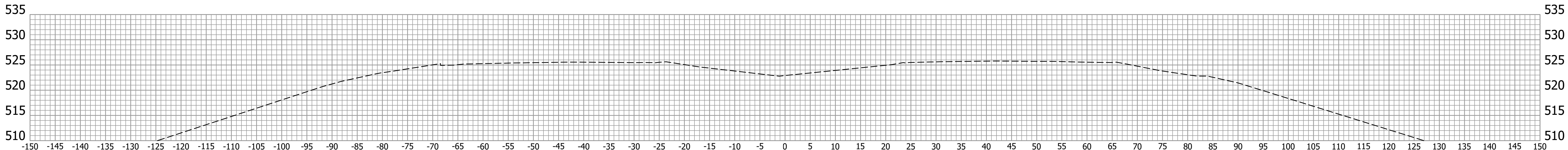
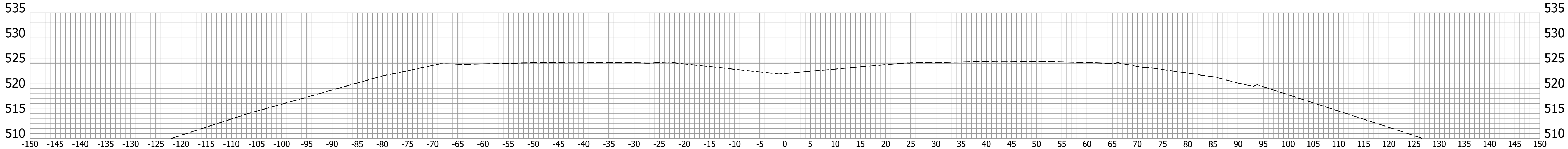
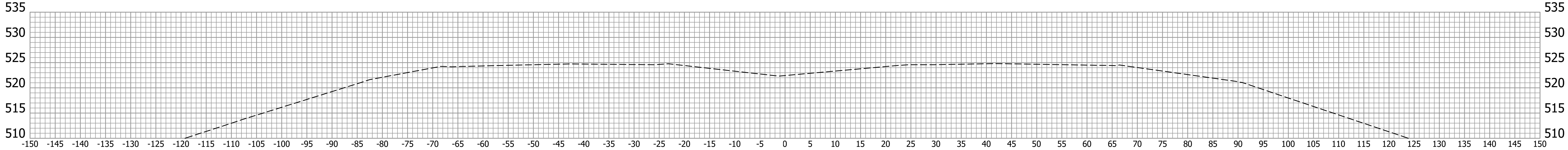


				INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=10'		BRIDGE FILE 063-83-02002 ANBL & ASBL	
						VERTICAL SCALE 1"=10'		DESIGNATION 2100968 & 2100969	
						DRAWING NO.		SHEETS	
						CONTRACT R-43686		PROJECT 2100188	
				CROSS SECTIONS LINE "L"		RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	
						DESIGNED: JAP		DRAWN: NW	
						CHECKED: RKH		CHECKED: JAP	





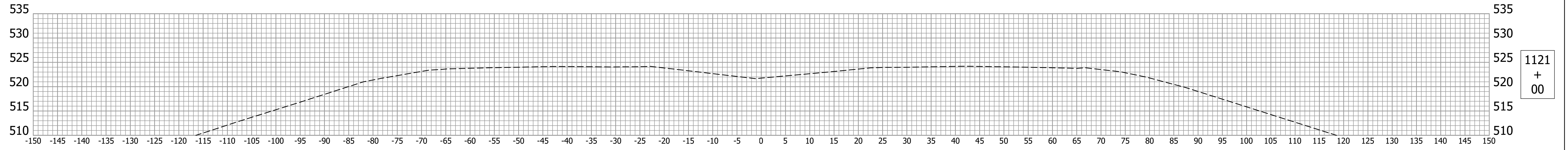
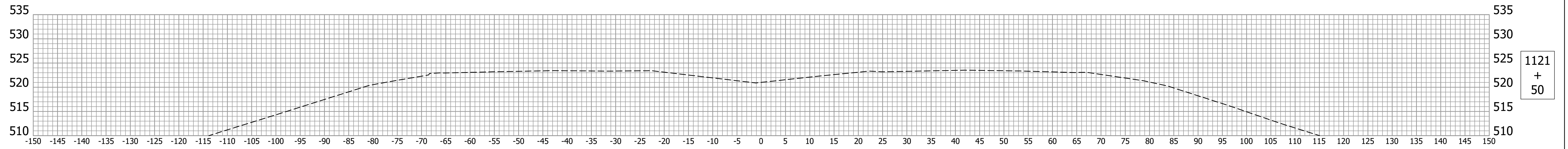
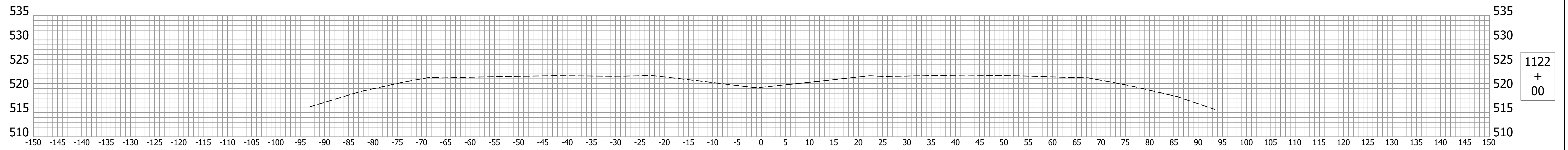
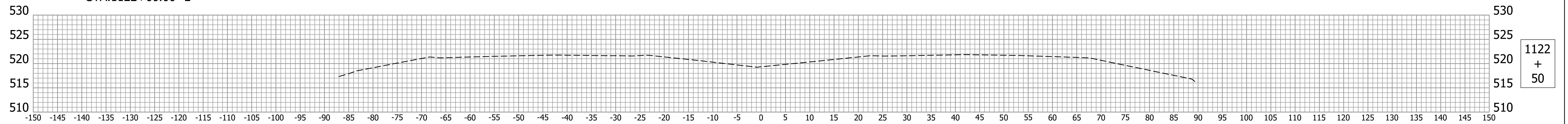
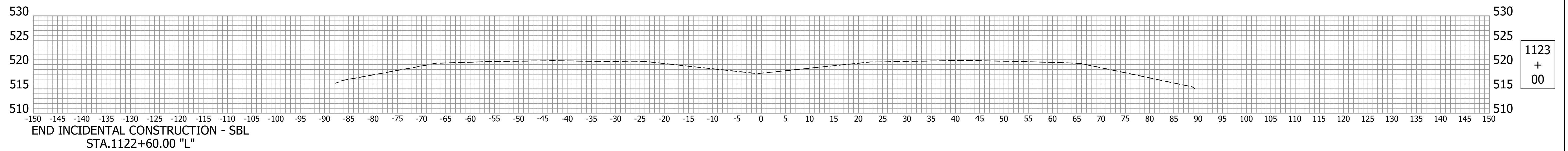
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
				1"=10'		063-83-02002 ANBL & ASBL	
				VERTICAL SCALE		DESIGNATION	
				1"=10'		2100968 & 2100969	
DESIGNED: <u>JAP</u>	DRAWN: <u>NW</u>	CROSS SECTIONS LINE "L"		DRAWING NO.		SHEETS	
				21		of 23	
CHECKED: <u>RKH</u>	CHECKED: <u>JAP</u>			CONTRACT		PROJECT	
				R-43686		2100188	



END INCIDENTAL CONSTRUCTION - NBL
STA.1119+40.00 "L"

END PROJECT
STA.1118+90.00 "L"

Ac = 0.0 Af = 0.0 Ab = 0.0
Vc = 0 Vf = 758 Vb = 0



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE		BRIDGE FILE		
				1"=10'		063-83-02002 ANBL & ASBL		
				VERTICAL SCALE		DESIGNATION		
				1"=10'		2100968 & 2100969		
DESIGNED: <u>JAP</u>	DRAWN: <u>NW</u>	CROSS SECTIONS LINE "L"			DRAWING NO.		SHEETS	
					23		of	23
CHECKED: <u>RKH</u>	CHECKED: <u>JAP</u>				CONTRACT		PROJECT	
					R-43686		2100188	