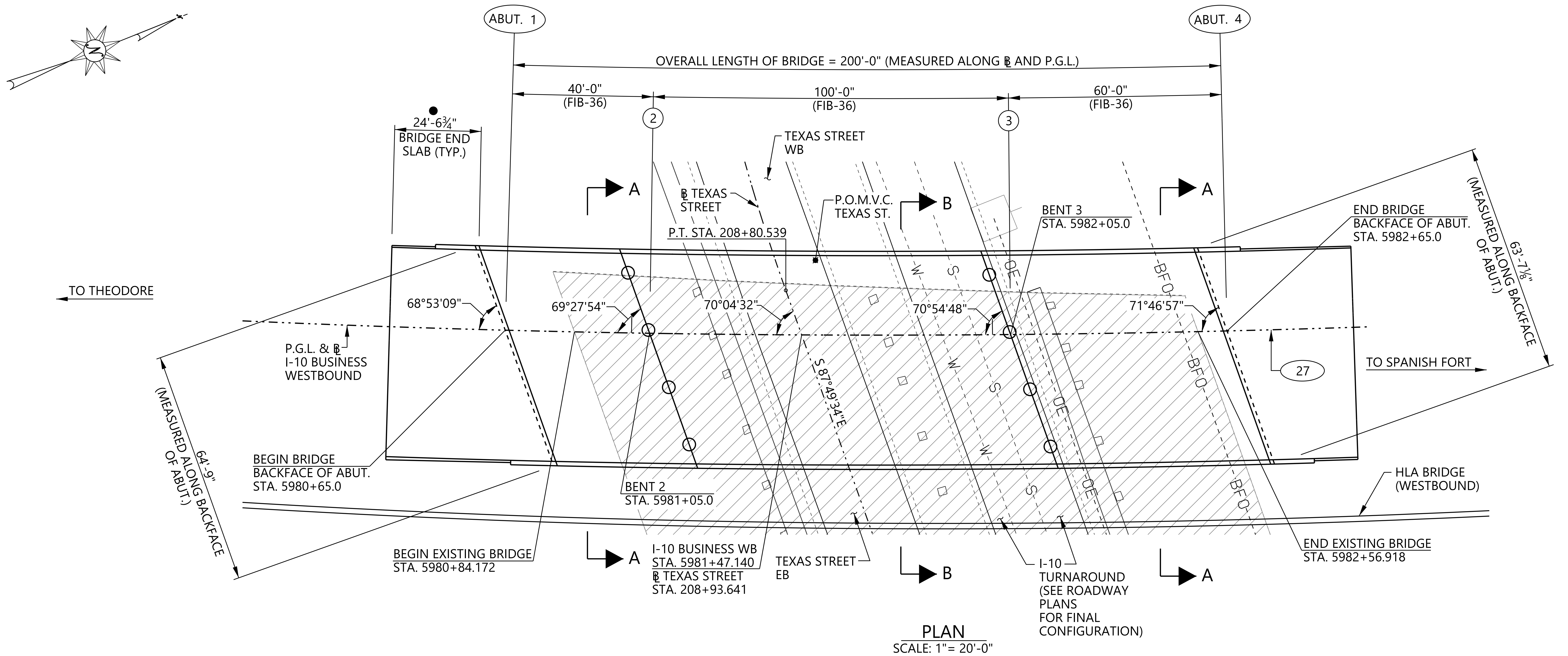
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
XXX	2023	

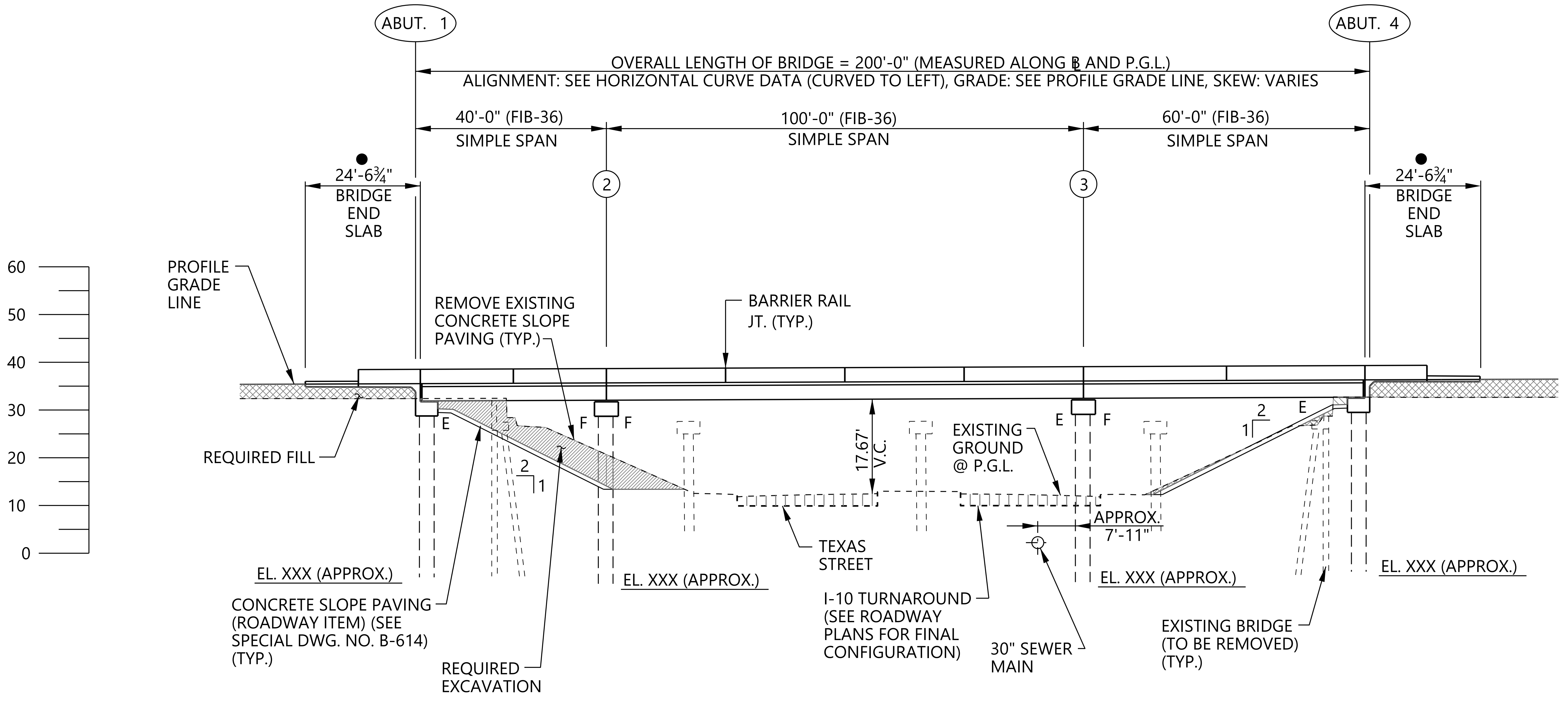


PLAN
SCALE: 1"= 20'-0"

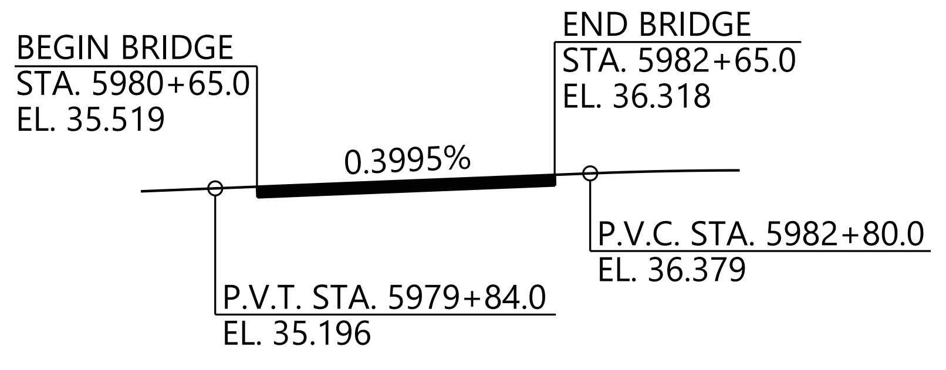
27 HORIZONTAL CURVE DATA
P.G.L. & ℄ I-10 BUSINESS WB
P.I. STA. 5982+52.868
Δ = 26°09'06" LT.
D = 1°26'54"
R = 3956.000'
L = 1805.652'
T = 918.833'
TANGENT DIRECTION AT
P.C. = N 33°52'30" E

LEGEND

□	EXISTING COLUMN
OE	OVERHEAD ELECTRIC
BFO	BURIED FIBER OPTIC
W	WATER LINE
S	SEWER LINE
□	ELECTRIC POLE
▨	EXISTING BRIDGE (TO BE REMOVED)
▩	REQUIRED FILL
▨	REQUIRED EXCAVATION
▥	EXISTING ROADWAY (TO BE REMOVED)



ELEVATION
SCALE: 1"= 20'-0"



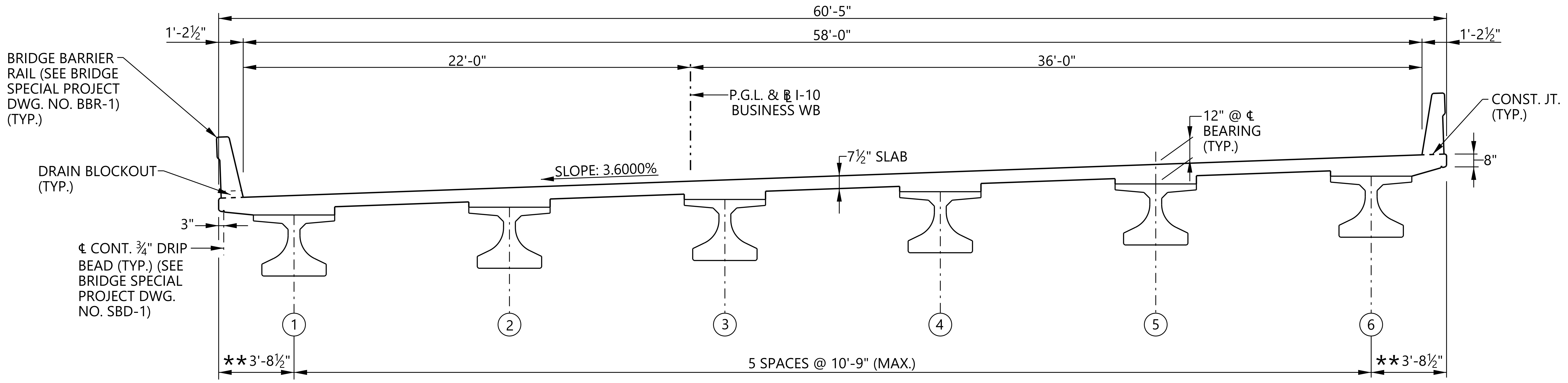
VERTICAL CURVE DATA
P.G.L. & ℄ I-10 BUSINESS WB
N.T.S.

NOTES:

1. FOR BARRIER RAIL JOINT DETAILS, SEE BRIDGE SPECIAL PROJECT DRAWING NO. BBR-1.
● 2. FOR BRIDGE END SLAB DETAILS, SEE BRIDGE SPECIAL PROJECT DRAWING NO. BES-450(IJ)CP AND BRIDGE SPECIAL PROJECT DRAWING NO. BES.450(IJ)BP.
3. DECK DRAINS NOT SHOWN FOR CLARITY. OMIT DRAINS OVER TRAFFIC LANES, SIDEWALKS, UNPROTECTED SLOPE FILLS, HIGH SIDE IF SUPER-ELEVATED AND WITHIN 10'-0" OF BRIDGE ENDS.

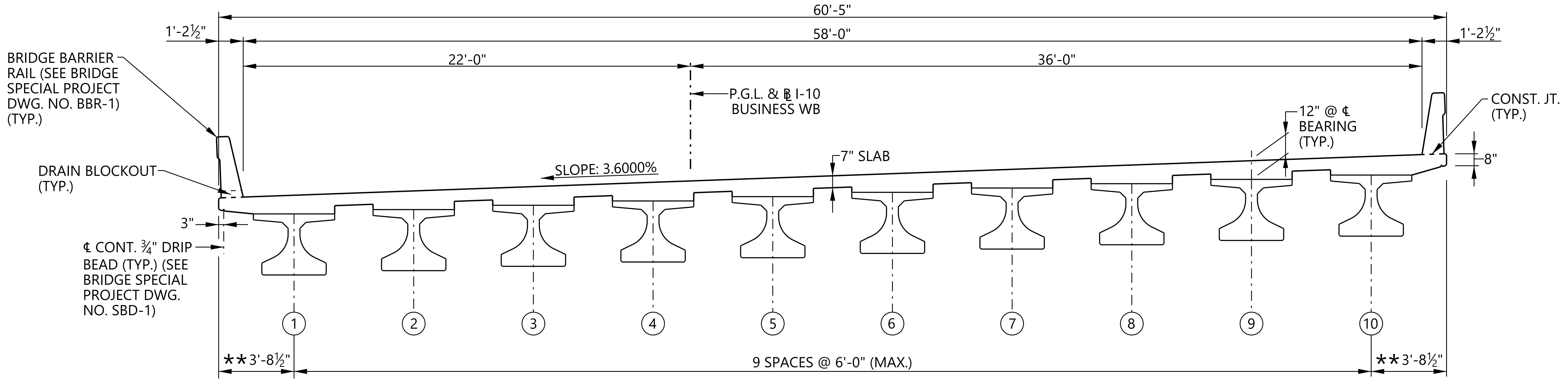
ALABAMA DEPARTMENT OF TRANSPORTATION	REVISIONS	BIN(S)	COUNTY(S)	MOBILE RIVER BRIDGE I-10 BUSINESS WESTBOUND OVER TEXAS STREET	GENERAL PLAN AND ELEVATION	DESIGNER: LLP DATE: 06/23 BRIDGE SHEET NO. 1 OF 2
			MOBILE			

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
XXX	2023	



■ TYPICAL SECTION A-A (FIB-36)

SCALE: ¼" = 1'-0"



■ TYPICAL SECTION B-B (FIB-36)

SCALE: ¼" = 1'-0"

NOTES:

■ 1. DIMENSIONS MEASURED PERPENDICULAR TO P.G.L. UNLESS OTHERWISE NOTED.

★★ 2. OVERHANG WIDTH VARIES DUE TO HORIZONTAL CURVE.

ALABAMA DEPARTMENT OF TRANSPORTATION

REVISIONS	BIN(S)	COUNTY(S)
		MOBILE

MOBILE RIVER BRIDGE
I-10 BUSINESS WESTBOUND
OVER TEXAS STREET

TYPICAL SECTIONS

DESIGNER: LLP DATE: 06/23

BRIDGE SHEET NO. 2 OF 2

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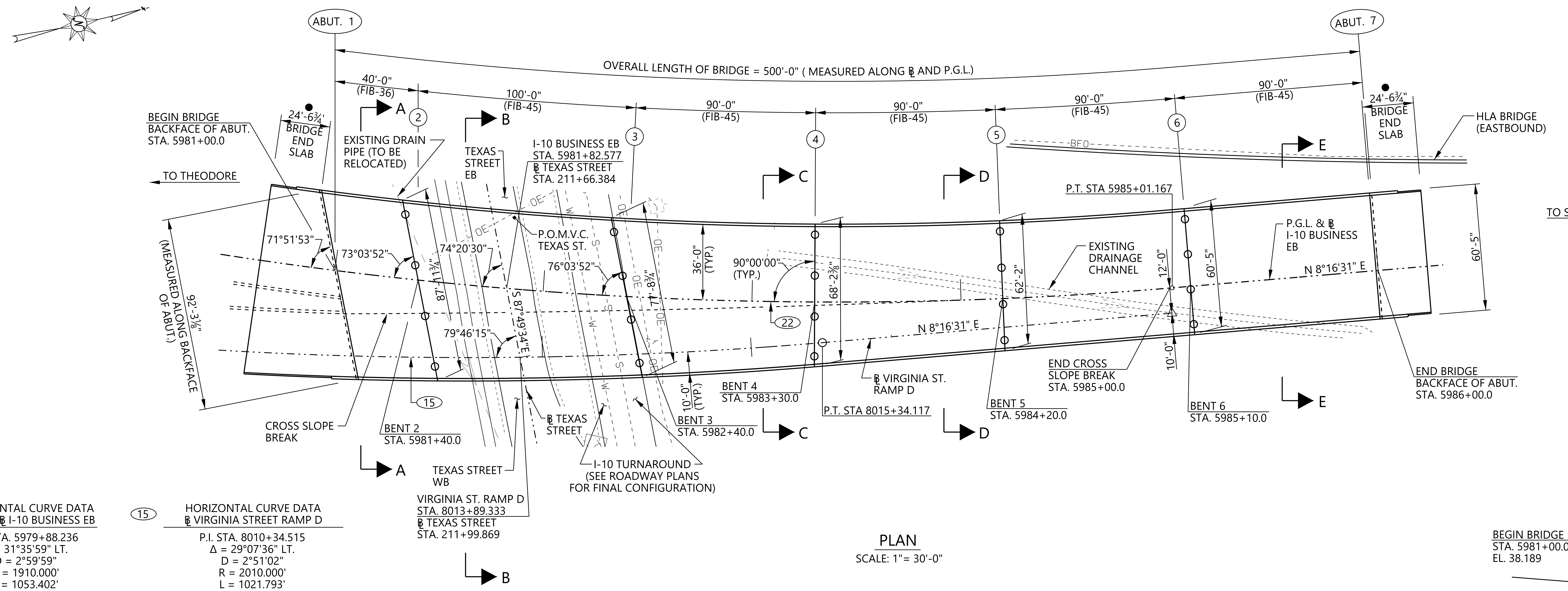
0 1" 2" SHEET REFERENCE

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
XXX	2023	



PLAN

SCALE: 1"= 30'-0"

(22) HORIZONTAL CURVE DATA
P.G.L. & ℄ I-10 BUSINESS EB

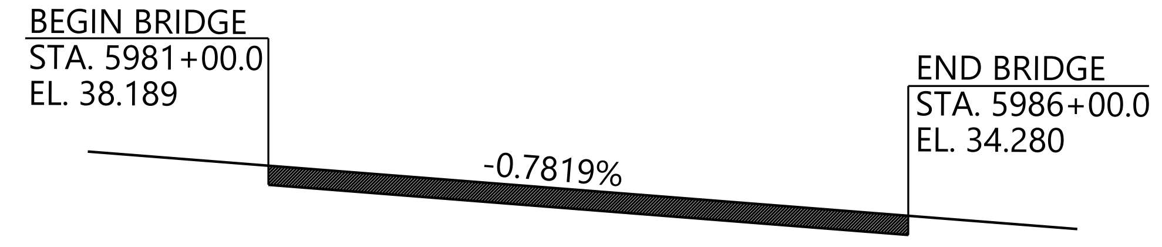
P.I. STA. 5979+88.236
Δ = 31°35'59" LT.
D = 2°59'59"
R = 1910.000'
L = 1053.402'
T = 540.471'
TANGENT DIRECTION AT
P.C. = N 39°52'30" E

(15) HORIZONTAL CURVE DATA
℄ VIRGINIA STREET RAMP D

P.I. STA. 8010+34.515
Δ = 29°07'36" LT.
D = 2°51'02"
R = 2010.000'
L = 1021.793'
T = 522.191'
TANGENT DIRECTION AT
P.C. = N 37°24'06" E

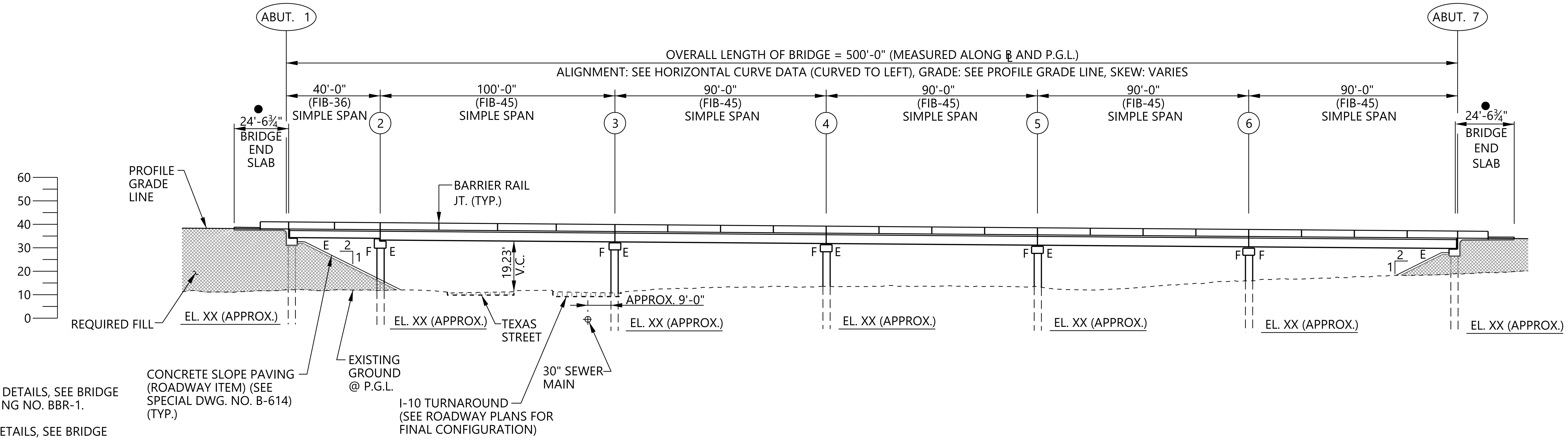
LEGEND

OE	OVERHEAD ELECTRIC
W	WATER LINE
S	SEWER LINE
BFO	BURIED FIBER OPTIC
◁	DRAINAGE
☐	ELECTRIC POLE
▩	REQUIRED FILL
▥	EXISTING ROADWAY (TO BE REMOVED)



VERTICAL CURVE DATA
P.G.L. & ℄ I-10 BUSINESS EB

N.T.S.



ELEVATION

SCALE: 1"= 30'-0"

NOTES:

1. FOR BARRIER RAIL JOINT DETAILS, SEE BRIDGE SPECIAL PROJECT DRAWING NO. BBR-1.
● 2. FOR BRIDGE END SLAB DETAILS, SEE BRIDGE SPECIAL PROJECT DRAWING NOS. BES-450(IJ)CP AND BES-450(IJ)BP.
3. DECK DRAINS NOT SHOWN FOR CLARITY. OMIT DRAINS OVER TRAFFIC LANES, SIDEWALKS, UNPROTECTED SLOPE FILLS, HIGH SIDE IF SUPER-ELEVATED AND WITHIN 10'-0" OF BRIDGE END.

ALABAMA DEPARTMENT
OF TRANSPORTATION

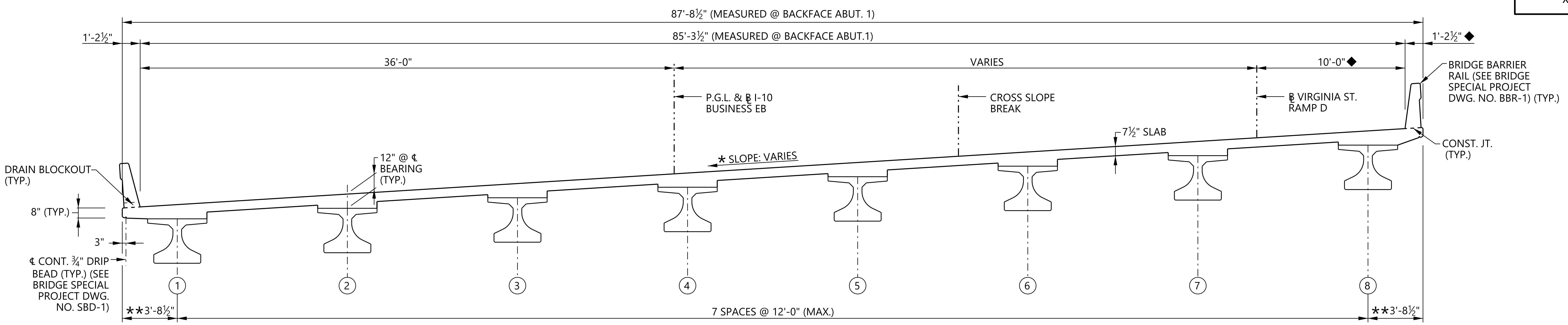
REVISIONS	BIN(S)	COUNTY(S)
		MOBILE

MOBILE RIVER BRIDGE
I-10 BUSINESS EASTBOUND
OVER TEXAS STREET

GENERAL PLAN AND ELEVATION

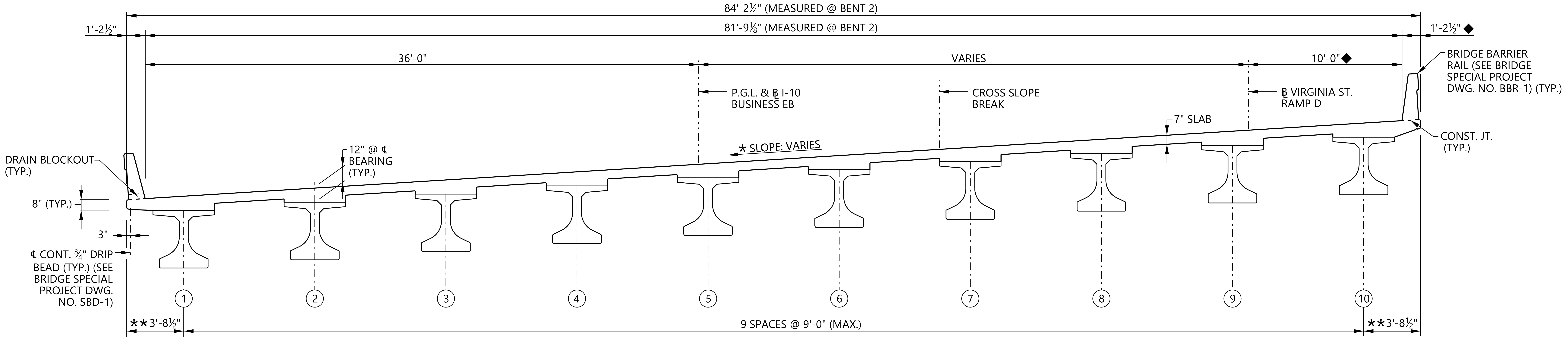
DESIGNER: LLP
DATE: 06/23
BRIDGE SHEET NO. 1 OF 4

REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
XXX	2023	



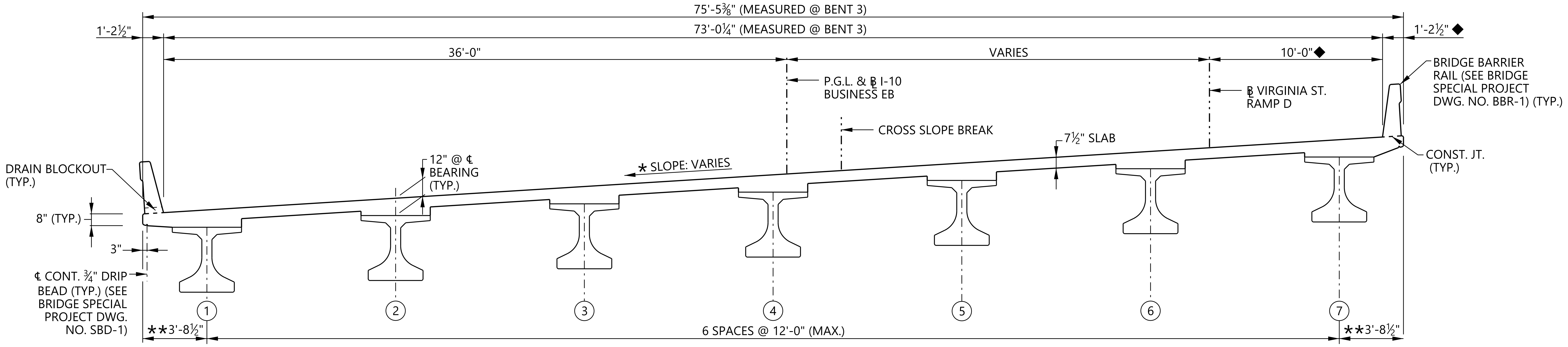
■ TYPICAL SECTION A-A (FIB-36)

SCALE: ¼" = 1'-0"



■ TYPICAL SECTION B-B (FIB-45)

SCALE: ¼" = 1'-0"



■ TYPICAL SECTION C-C (FIB-45)

SCALE: ¼" = 1'-0"

NOTES:

■ 1. DIMENSIONS MEASURED PERPENDICULAR TO P.G.L. UNLESS OTHERWISE NOTED.

◆ 2. MEASURED PERPENDICULAR TO VIRGINIA STREET RAMP D.

★ 3. CROSS SLOPE VARIES. SEE SUPERELEVATION DIAGRAM ON BRIDGE SHEET NO. 4.

★★ 4. OVERHANG WIDTH VARIES DUE TO HORIZONTAL CURVE.

ALABAMA DEPARTMENT OF TRANSPORTATION	REVISIONS	BIN(S)	COUNTY(S)	MOBILE RIVER BRIDGE I-10 BUSINESS EASTBOUND OVER TEXAS STREET	TYPICAL SECTIONS (SHEET 1 OF 2)	DESIGNER: LLP DATE: 06/23
			MOBILE			BRIDGE SHEET NO. 2 OF 4

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REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
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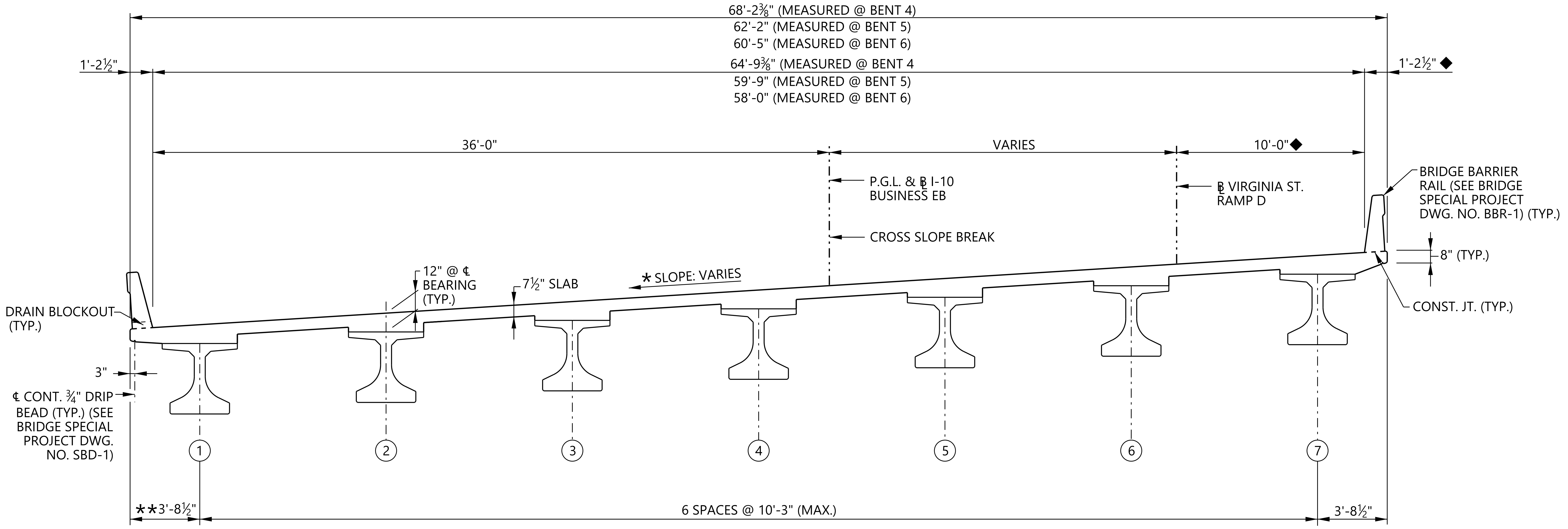
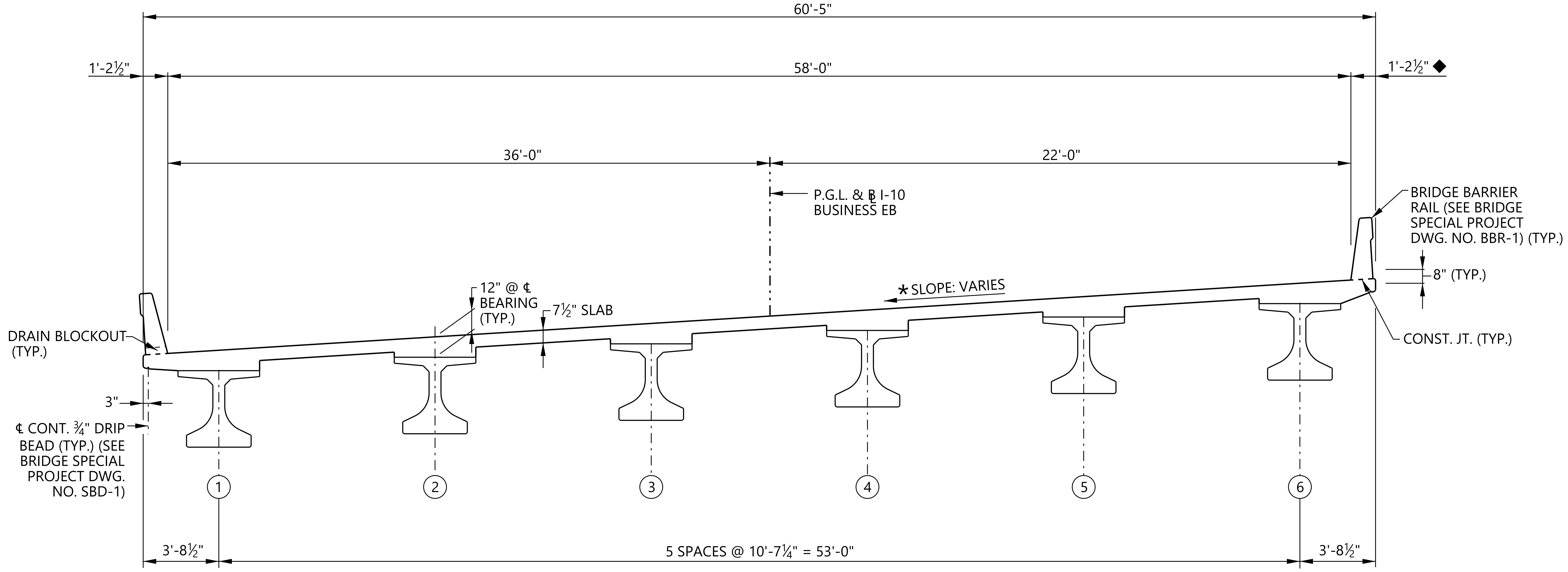


■ TYPICAL SECTION D-D (FIB-45)
SCALE: ¼" = 1'-0"



■ TYPICAL SECTION E-E (FIB-45)
SCALE: ¼" = 1'-0"

NOTE:

SEE SHEET 2 FOR NOTES.

ALABAMA DEPARTMENT OF TRANSPORTATION	REVISIONS	BIN(S)	COUNTY(S)			
			MOBILE	MOBILE RIVER BRIDGE I-10 BUSINESS EASTBOUND OVER TEXAS STREET	TYPICAL SECTIONS (SHEET 2 OF 2)	DESIGNER: LLP DATE: 06/23 BRIDGE SHEET NO. 3 OF 4

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REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.
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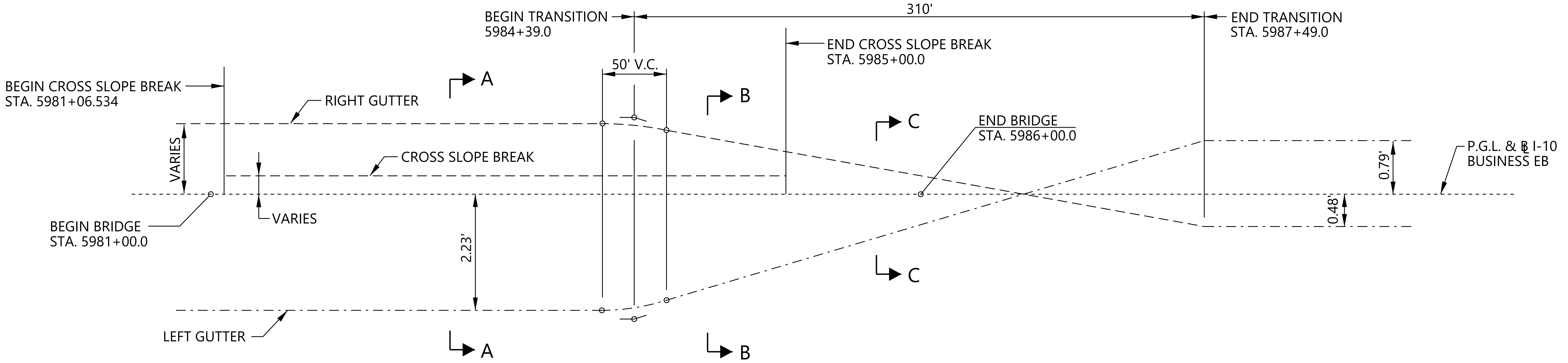
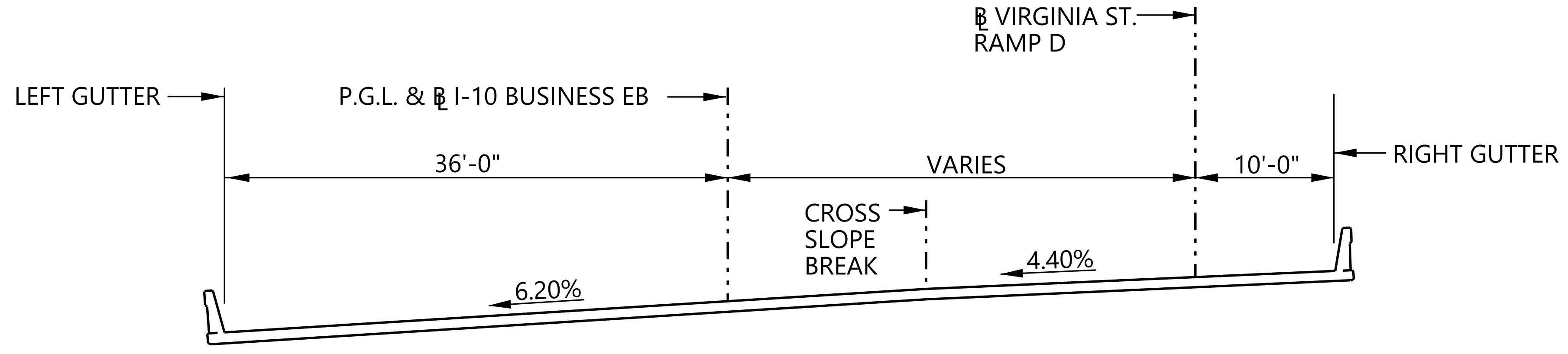
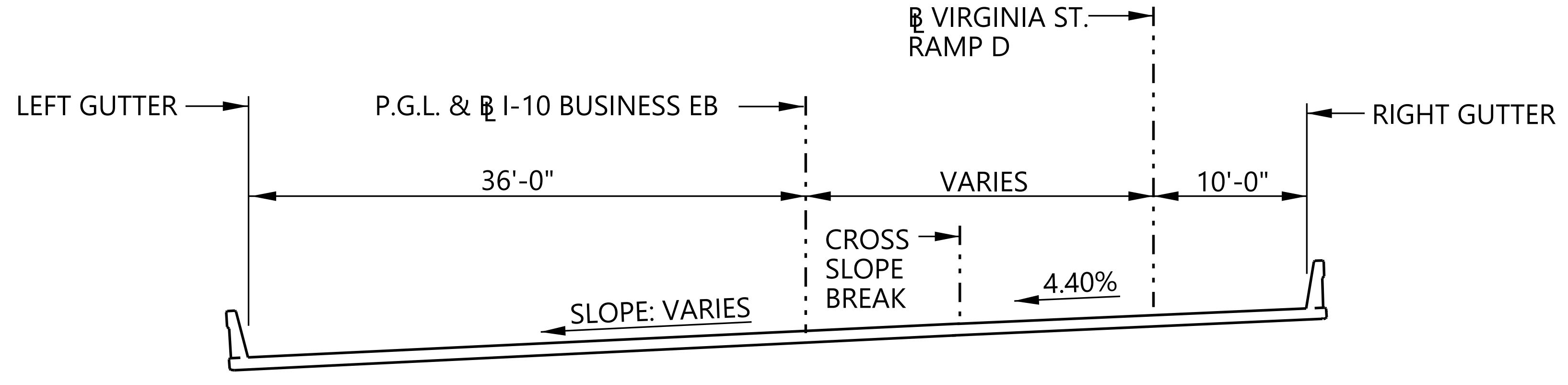


SUPERELEVATION TRANSITION DIAGRAM

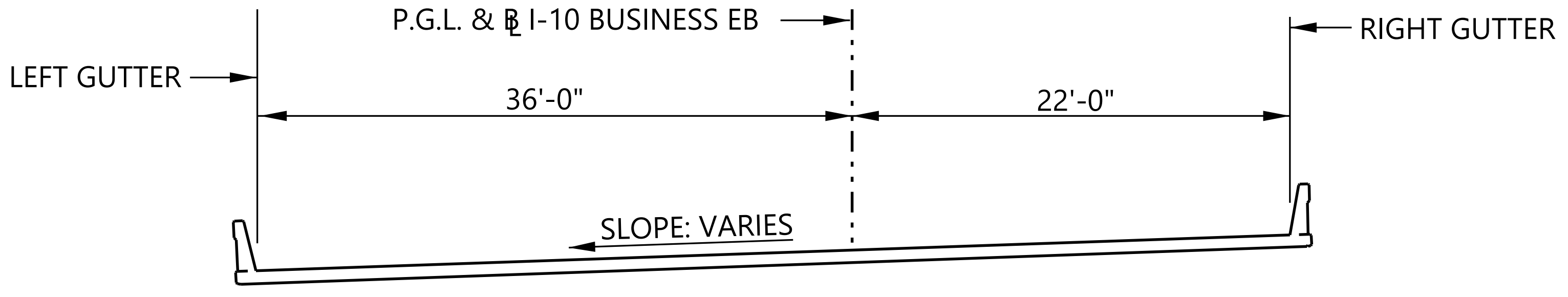
N.T.S.



SECTION A-A



SECTION B-B



SECTION C-C

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ALABAMA DEPARTMENT OF TRANSPORTATION	REVISIONS	BIN(S)	COUNTY(S)	MOBILE RIVER BRIDGE I-10 BUSINESS EASTBOUND OVER TEXAS STREET	SUPERELEVATION DIAGRAM	DESIGNER: LLP DATE: 06/23 BRIDGE SHEET NO. 4 OF 4
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