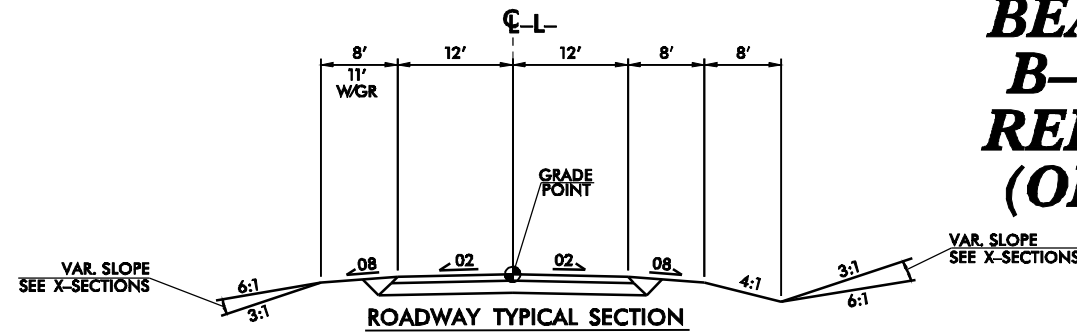


REVISIONS

02-JUN-2009 lit59
R:\Roadway\Func\B4418-rdy_pah4-fam.dgn
\$\$\$\$\$CHANG\$\$\$\$\$

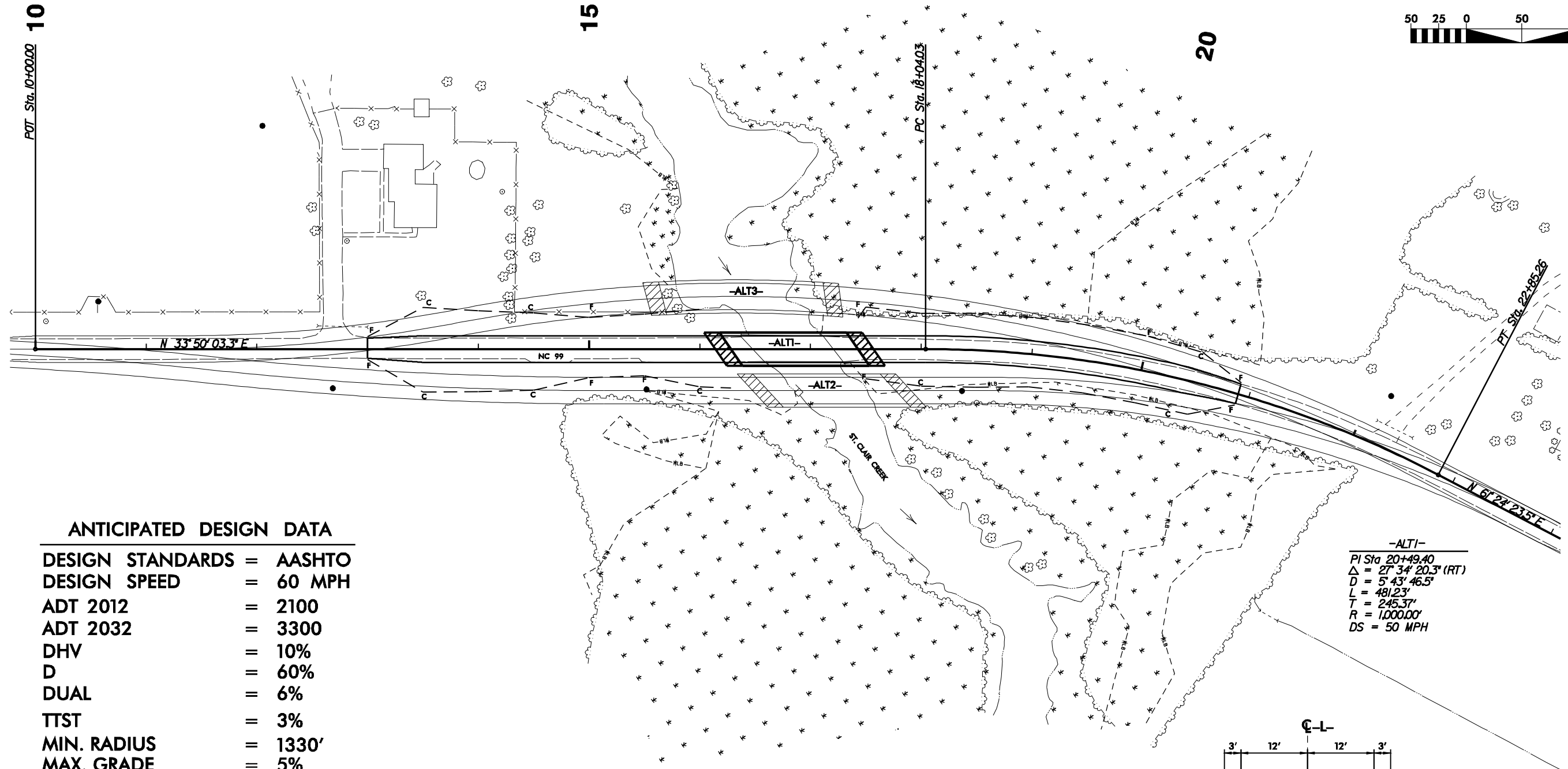
BEAUFORT COUNTY B-4418 ALTERNATE 1 REPLACE IN PLACE (OFFSITE DETOUR)



PROJECT REFERENCE NO.	SHEET NO.
B-4418	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

FOR -L- PROFILE SEE SHEET 5

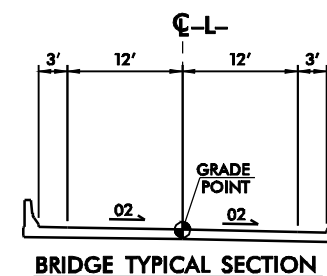
BRIDGE APPROACH SLAB



ANTICIPATED DESIGN DATA

DESIGN STANDARDS	=	AASHTO
DESIGN SPEED	=	60 MPH
ADT 2012	=	2100
ADT 2032	=	3300
DHV	=	10%
D	=	60%
DUAL	=	6%
TTST	=	3%
MIN. RADIUS	=	1330'
MAX. GRADE	=	5%
K sag	=	136
K crest	=	151
SE MAX.	=	0.06
CLASSIFICATION	=	MAJOR COLLECTOR
TERRAIN	=	LEVEL
DESIGN EXCEPTION	=	HORIZONTAL CURVE RADIUS

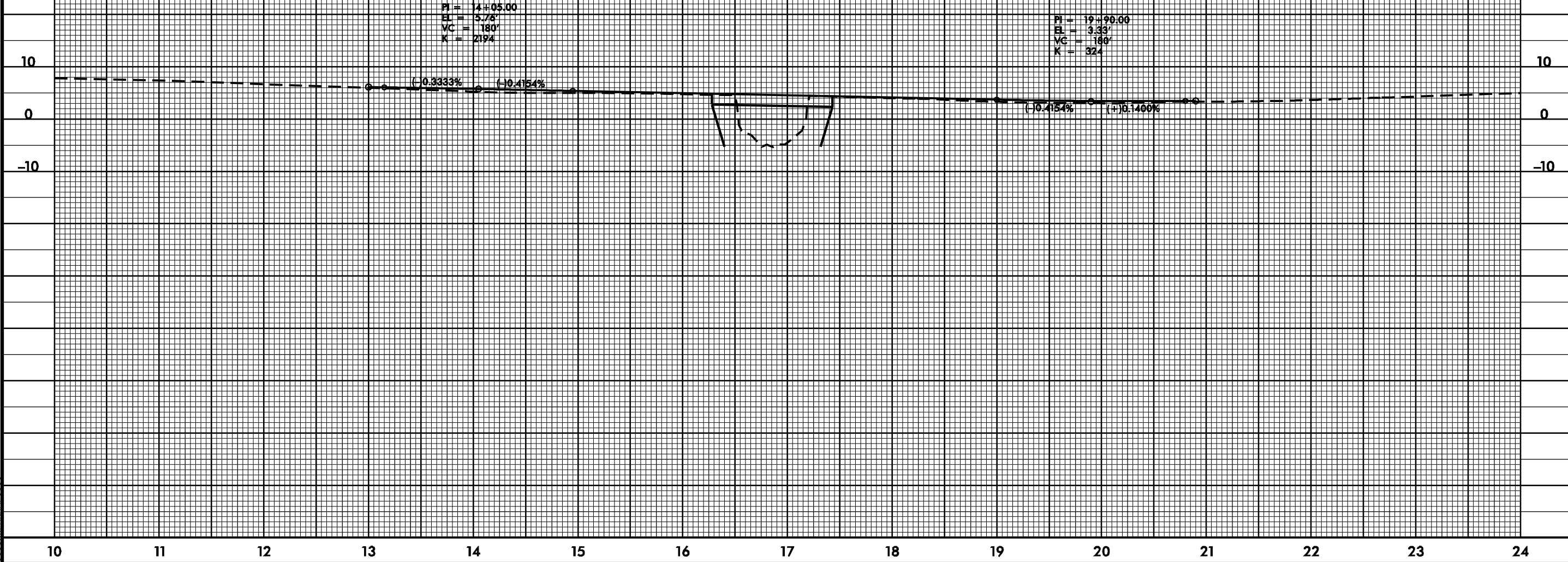
-ALT1-
PI Sta 20+49.40
 $\Delta = 27^\circ 34' 20.3''$ (RT)
 $D = 5^\circ 43' 46.5''$
 $L = 481.23'$
 $T = 245.37'$
 $R = 1,000.00'$
 $DS = 50$ MPH



5/14/99

PROJECT REFERENCE NO. <i>B-4418</i>		SHEET NO. <i>5</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
INCOMPLETE PLANS DO NOT USE FOR ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION		

—ALT1—

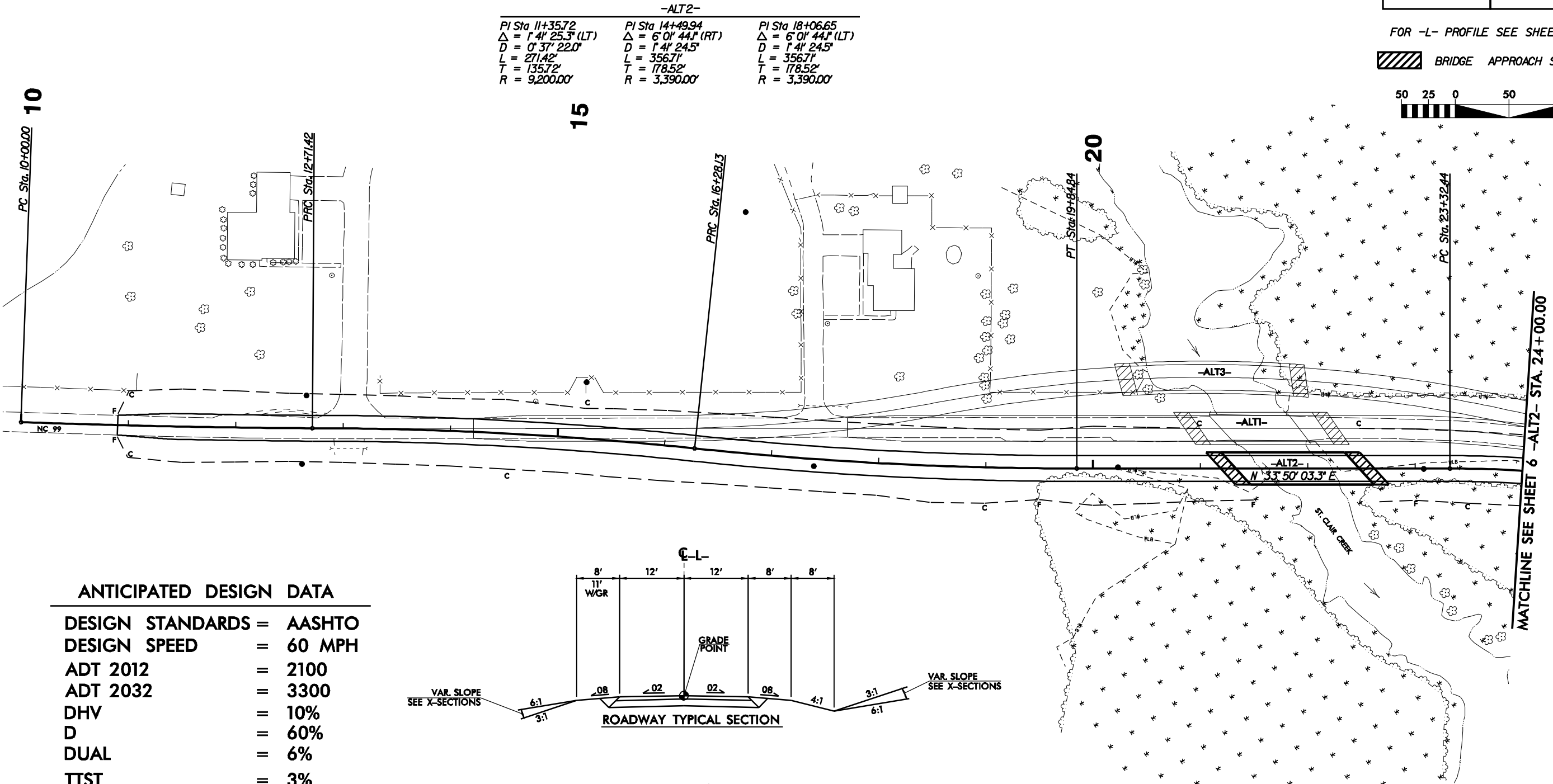
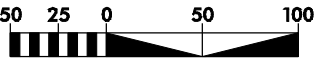


BEAUFORT COUNTY
B-4418 ALTERNATE 2
NEW ALIGNMENT - EAST
(MAINTAIN TRAFFIC ON EXIST.)

PROJECT REFERENCE NO.	SHEET NO.
B-4418	6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

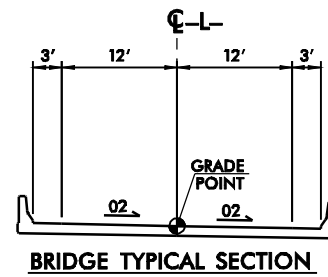
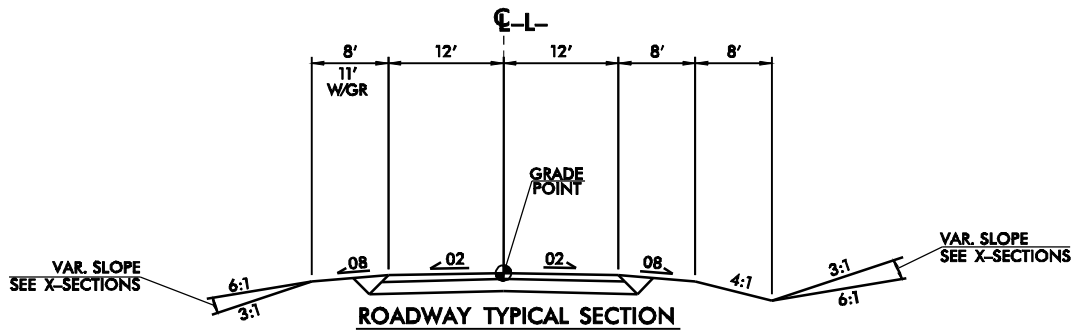
FOR -L- PROFILE SEE SHEET 8

BRIDGE APPROACH SLAB



ANTICIPATED DESIGN DATA

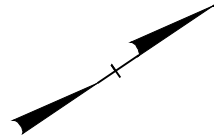
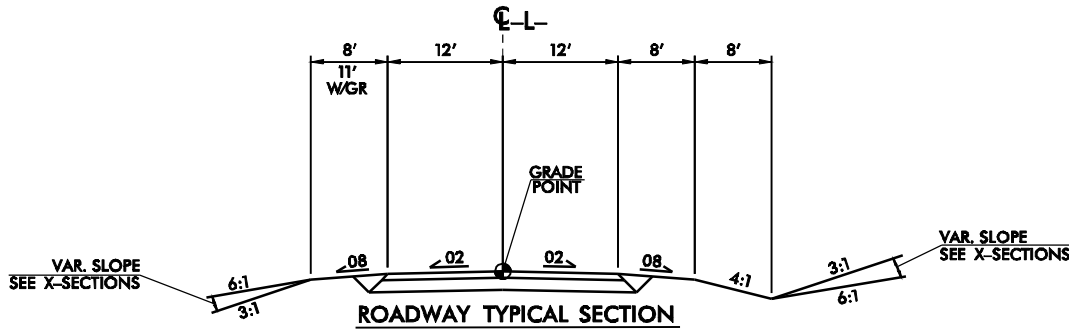
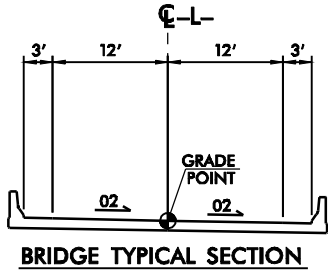
DESIGN STANDARDS	=	AASHTO
DESIGN SPEED	=	60 MPH
ADT 2012	=	2100
ADT 2032	=	3300
DHV	=	10%
D	=	60%
DUAL	=	6%
TTST	=	3%
MIN. RADIUS	=	1330'
MAX. GRADE	=	5%
K sag	=	136
K crest	=	151
SE MAX.	=	0.06
CLASSIFICATION	=	MAJOR COLLECTOR
TERRAIN	=	LEVEL
DESIGN EXCEPTION	=	NONE



MATCHLINE SEE SHEET 6 -ALT2- STA. 24+00.00

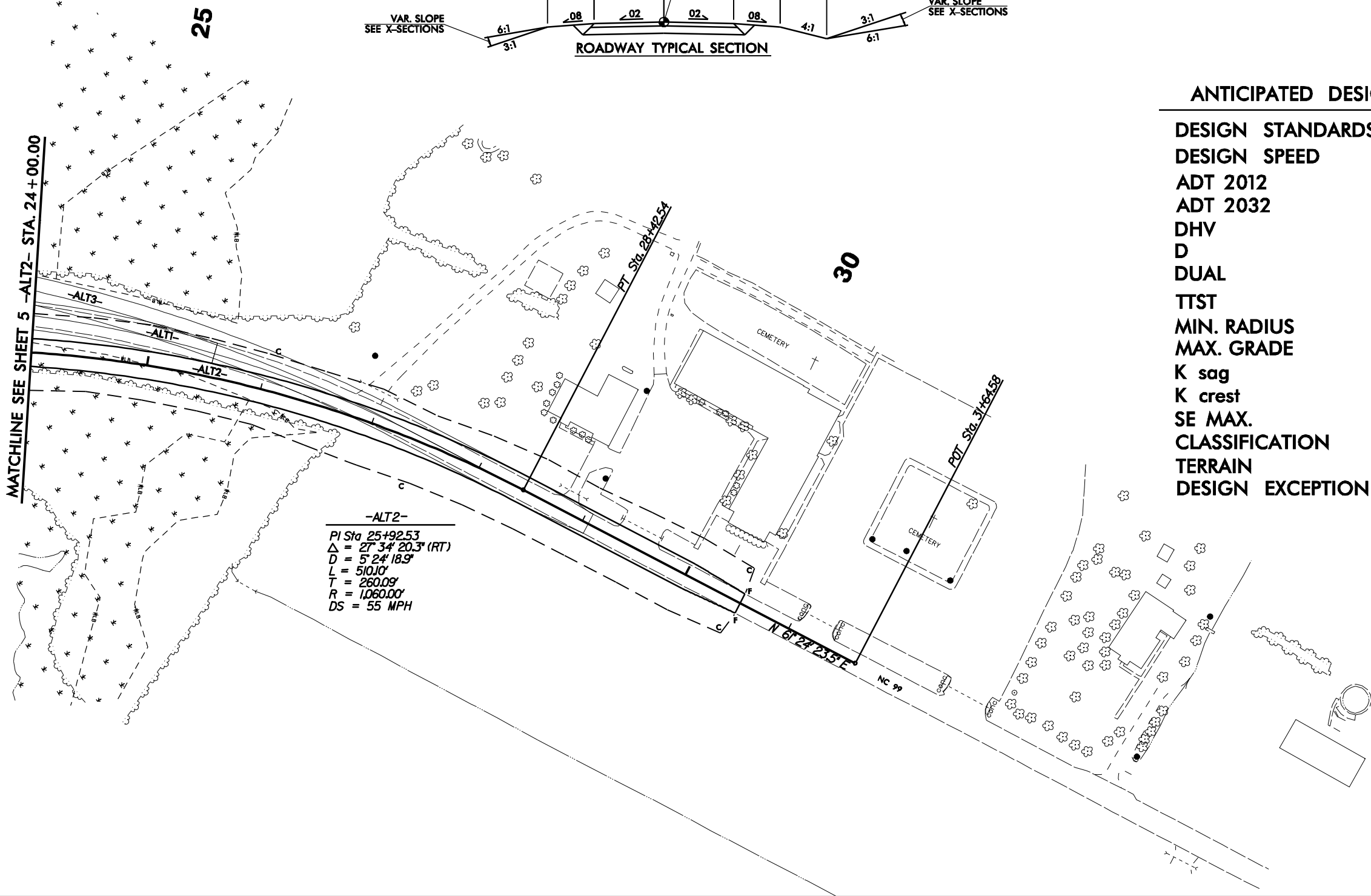
REVISIONS

**BEAUFORT COUNTY
B-4418 ALTERNATE 2
NEW ALIGNMENT - EAST
(MAINTAIN TRAFFIC ON EXIST.)**



FOR -L- PROFILE SEE SHEET 8

 BRIDGE APPROACH SLAB



-ALT2-
PI Sta 25+92.53
 $\Delta = 27^\circ 34' 20.3''$ (RT)
D = 5' 24' 18.9"
L = 510.10'
T = 260.09'
R = 1060.00'
DS = 55 MPH

ANTICIPATED DESIGN DATA

DESIGN STANDARDS	=	AASHTO
DESIGN SPEED	=	60 MPH
ADT 2012	=	2100
ADT 2032	=	3300
DHV	=	10%
D	=	60%
DUAL	=	6%
TTST	=	3%
MIN. RADIUS	=	1330'
MAX. GRADE	=	5%
K sag	=	136
K crest	=	151
SE MAX.	=	0.06
CLASSIFICATION	=	MAJOR COLLECTOR
TERRAIN	=	LEVEL
DESIGN EXCEPTION	=	NONE

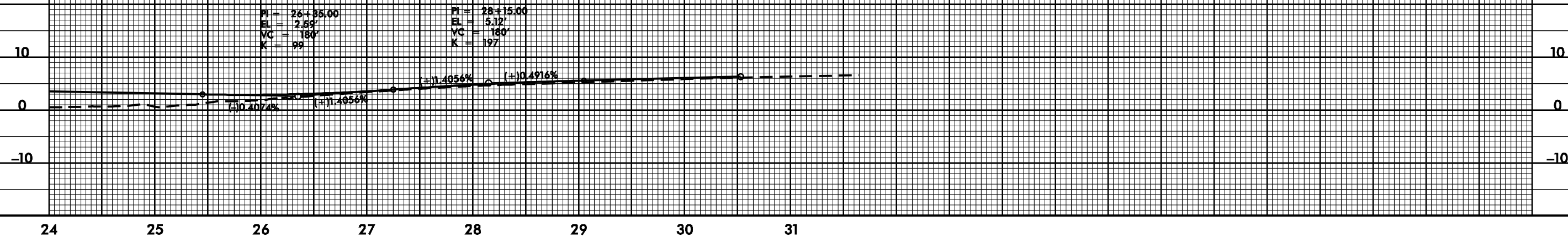
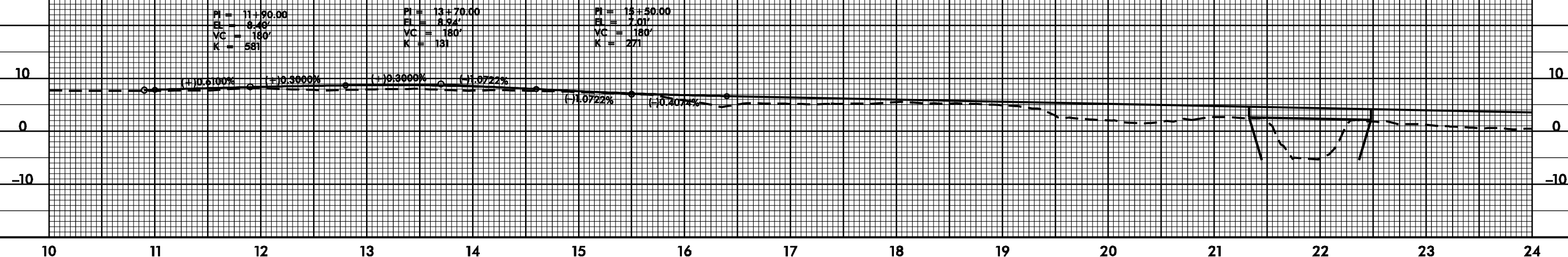
SHEET NO.

8

**HYDRAULICS
ENGINEER**

INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

—ALT2—



5/28/99

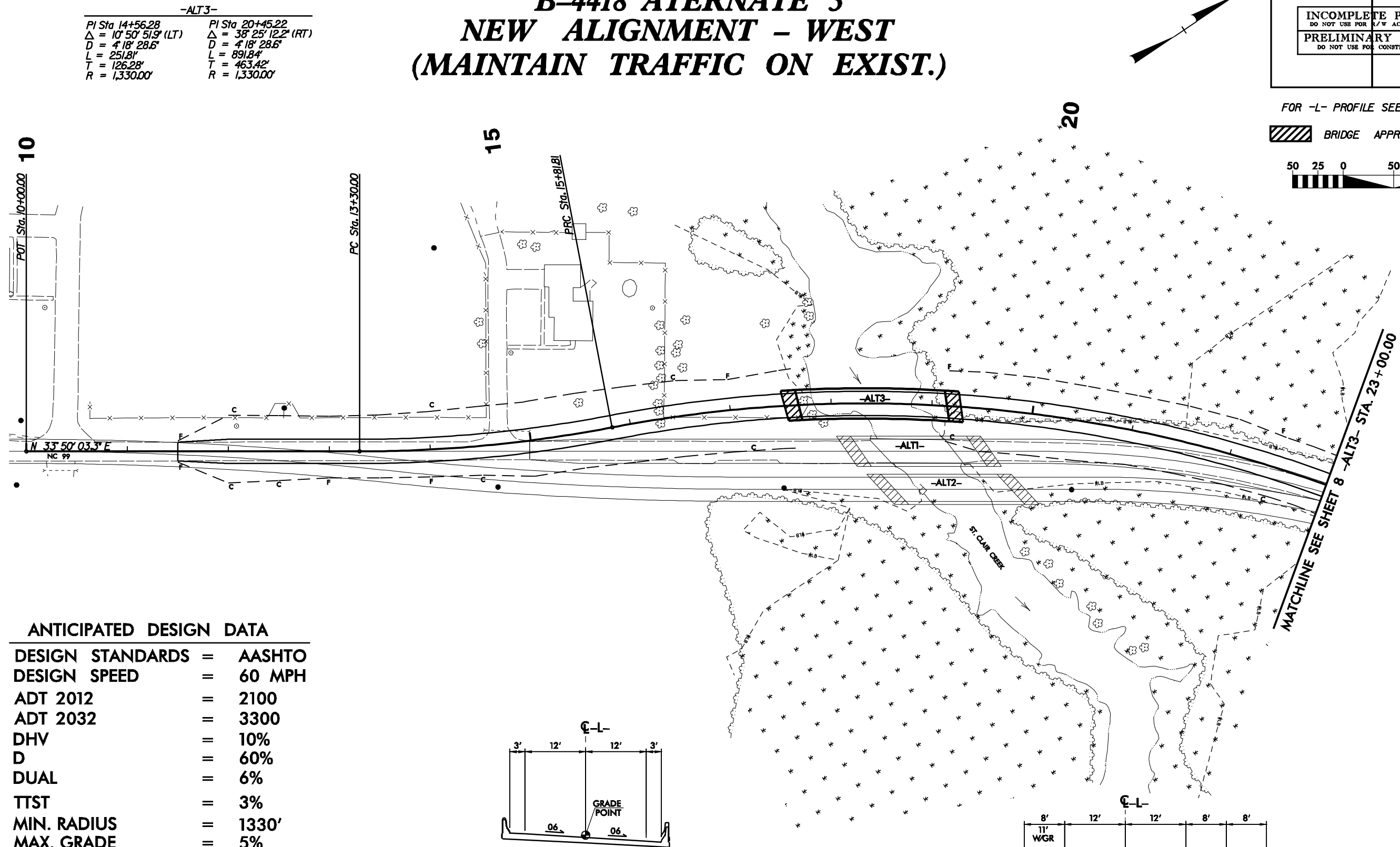
02-JUN-2009 11:59
C:\roadway\func\b4418_rdy-pf1.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

BEAUFORT COUNTY
B-4418 ATERNATE 3
NEW ALIGNMENT - WEST
(MAINTAIN TRAFFIC ON EXIST.)

PROJECT REFERENCE NO.	SHEET NO.
B-4418	9
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

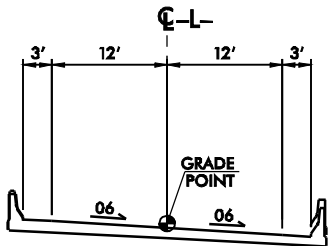
FOR -L- PROFILE SEE SHEET 11

 BRIDGE  APPROACH SLAB

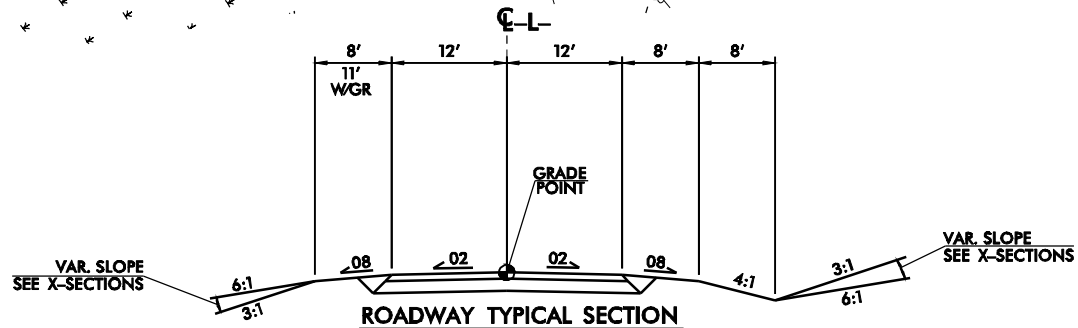


ANTICIPATED DESIGN DATA

DESIGN STANDARDS	=	AASHTO
DESIGN SPEED	=	60 MPH
ADT 2012	=	2100
ADT 2032	=	3300
DHV	=	10%
D	=	60%
DUAL	=	6%
TTST	=	3%
MIN. RADIUS	=	1330'
MAX. GRADE	=	5%
K sag	=	136
K crest	=	151
SE MAX.	=	0.06
CLASSIFICATION	=	MAJOR COLLECTOR
TERRAIN	=	LEVEL
DESIGN EXCEPTION	=	HORIZONTAL STOPPING SIGHT DISTANCE



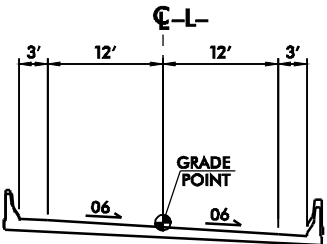
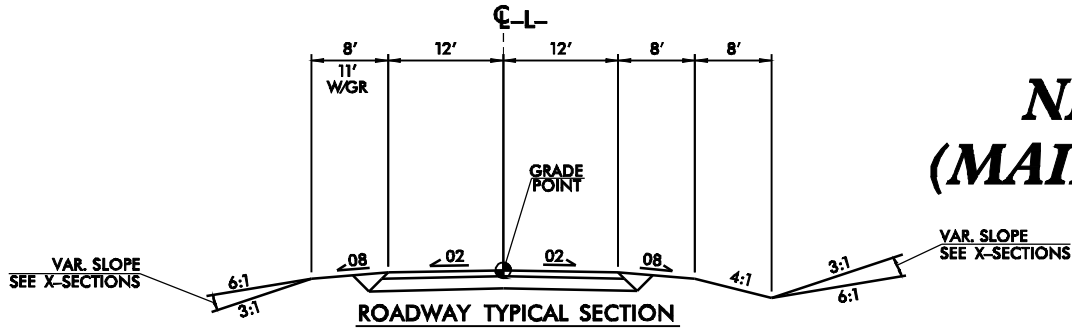
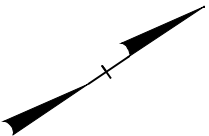
BRIDGE TYPICAL SECTION



ROADWAY TYPICAL SECTION

REVISIONS

BEAUFORT COUNTY
B-4418 ATERNATE 3
NEW ALIGNMENT - WEST
(MAINTAIN TRAFFIC ON EXIST.)



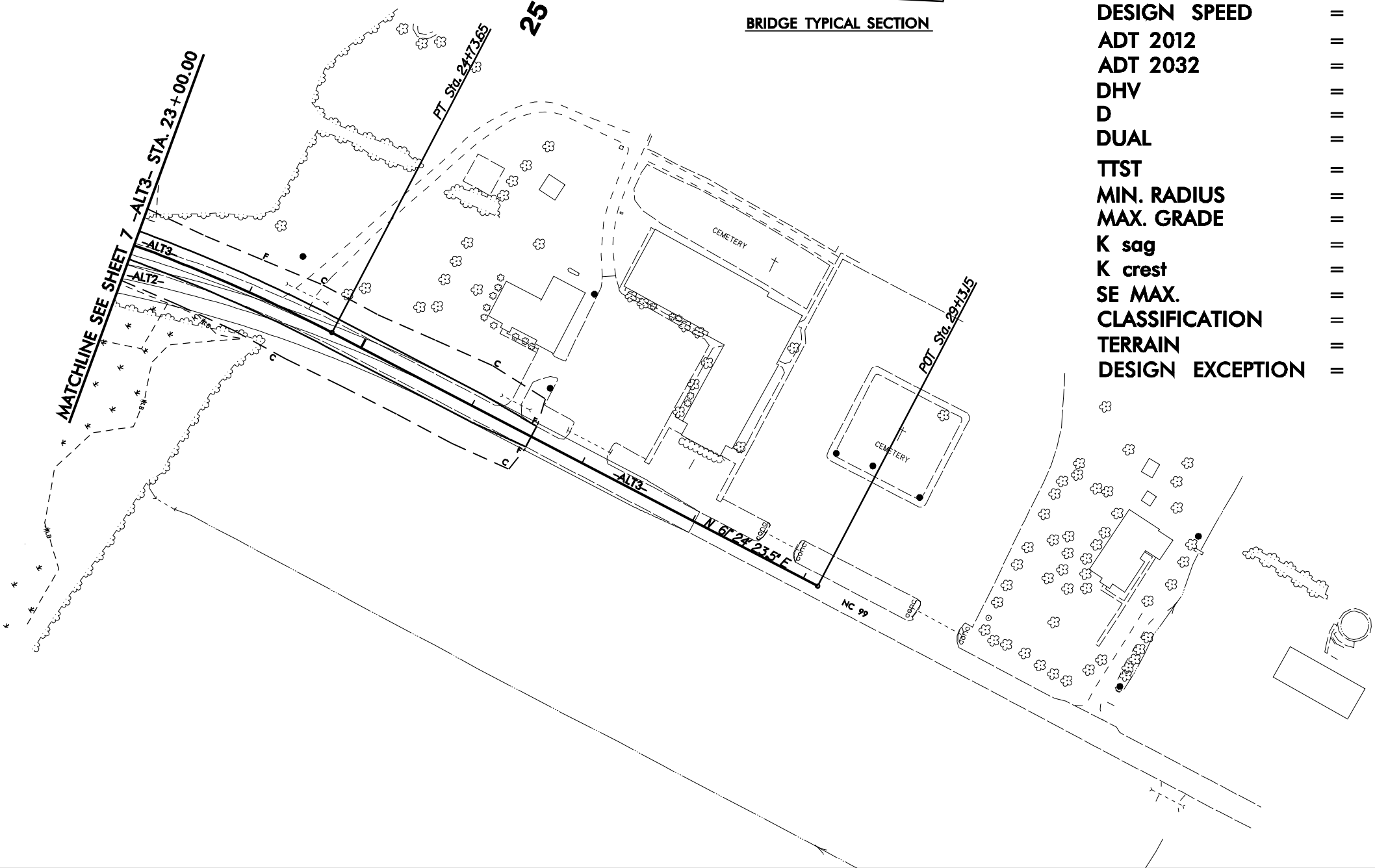
-ALT3-
PI Sta 20+45.22
 $\Delta = 38^{\circ} 25' 12.2''$ (RT)
D = 418' 28.6"
L = 891.84'
T = 463.42'
R = 1,330.00'

ANTICIPATED DESIGN DATA

DESIGN STANDARDS	=	AASHTO
DESIGN SPEED	=	60 MPH
ADT 2012	=	2100
ADT 2032	=	3300
DHV	=	10%
D	=	60%
DUAL	=	6%
TTST	=	3%
MIN. RADIUS	=	1330'
MAX. GRADE	=	5%
K sag	=	136
K crest	=	151
SE MAX.	=	0.06
CLASSIFICATION	=	MAJOR COLLECTOR
TERRAIN	=	LEVEL
DESIGN EXCEPTION	=	HORIZONTAL STOPPING SIGHT DISTANCE

FOR -L- PROFILE SEE SHEET II

BRIDGE APPROACH SLAB



—ALT3—

