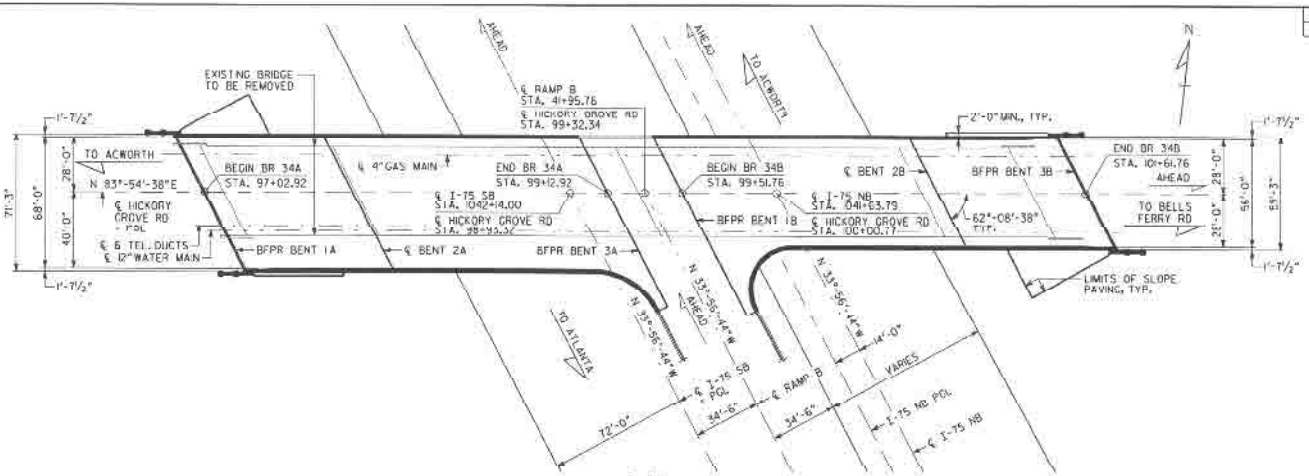
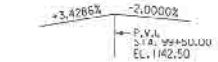
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	NH000-0073-03(242)		



PLAN
SCALE: 1" = 30'-0"



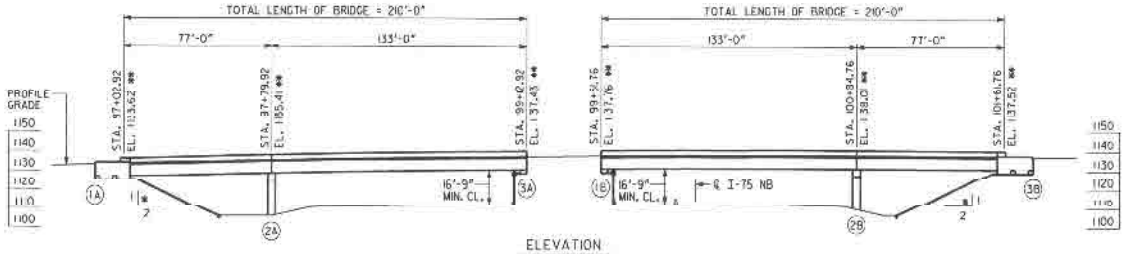
HICKORY GROVE RD
GRADE DATA

STA. 1040+50.00	STA. 1041+00.00	STA. 1041+50.00	STA. 1042+00.00	STA. 1042+50.00	STA. 1043+00.00	
EL. 1115.92	EL. 1113.48	EL. 1113.06	EL. 1112.67	EL. 1112.24	EL. 1111.73	

I-75 NB
GRADE DATA

STA. 1040+50.00	STA. 1041+00.00	STA. 1041+50.00	STA. 1042+00.00	STA. 1042+50.00	STA. 1043+00.00	
EL. 1113.62	EL. 1113.21	EL. 1112.86	EL. 1112.47	EL. 1111.45	EL. 1111.18	

I-75 SB
GRADE DATA



ELEVATION
SCALE: 1" = 30'-0"

DESIGN DATA

SPECIFICATIONS ---------- AASHTO 17TH EDITION, 2002
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
TYPICAL HS20-44 AND/OR MILITARY LOADING --- IMPACT ALLOWED
FUTURE PAVING ALLOWANCE ---------- 30 LBS PER SQ FT

BRIDGE 34A CONSISTS OF

1 - 77'-0" BULB TEE, 72", PSC BEAM SPAN ----- SPECIAL DESIGN
1 - 133'-0" BULB TEE, 72", PSC BEAM SPAN ----- SPECIAL DESIGN
2 - PILE END BENTS ---------- SPECIAL DESIGN
1 - CONCRETE INTERMEDIATE BENTS ---------- SPECIAL DESIGN

BRIDGE 34B CONSISTS OF

1 - 133'-0" BULB TEE, 72", PSC BEAM SPAN ----- SPECIAL DESIGN
1 - 77'-0" BULB TEE, 72", PSC BEAM SPAN ----- SPECIAL DESIGN
2 - PILE END BENTS ---------- SPECIAL DESIGN
1 - CONCRETE INTERMEDIATE BENTS ---------- SPECIAL DESIGN

UTILITIES

12" WATER MAIN ---------- COBB COUNTY WATER AND SEWAGE SYSTEM
6 TELEPHONE CONDUITS ---------- SOUTHERN BELL
4" GAS MAIN ---------- ATLANTA GAS LIGHT CO

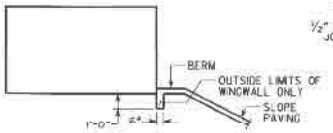
NOTES:

1. * SLOPE NORMAL TO END BENTS.
2. ** STATIONS ARE ALONG ℄ HICKORY GROVE RD AT THE INTERSECTION OF ℄ HICKORY GROVE RD AND BFPR OR ℄ BENT. ELEVATIONS ARE ALONG PGL.
3. END BENT PILES NOT SHOWN.
4. THE PROPOSED BRIDGE DECK IS TO BE BUILT ON A CONSTANT CROSS SLOPE OF 2%, SLOPING DOWN TO THE RIGHT.

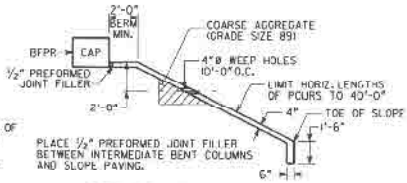
BERM ELEVATIONS (*)

BENT	LEFT	RIGHT
1A	1124.74	1124.34
3A	1127.80	1127.00
1B	1129.13	1128.27
3B	1129.12	1127.82

(*) NOTE: FOR BRIDGE ENDROLL STAKING PURPOSES ONLY.



SLOPE PAVING DETAIL AT WINGS



SLOPE PAVING DETAIL

EXISTING BRIDGE SERIAL NO. 067-0040-A
EXISTING BRIDGE I.D. NO. 067-0040D-274.2N
PROJECT P.I. NO. 114130

BRIDGE NO. 34A & 34B

DRAWN BY	DATE	11/23/09
CHECKED BY	DATE	
SUPERVISOR	DATE	
APPROVED	DATE	

REVISIONS

NO.	DATE	DESCRIPTION	DR'G	CHK'R	SUP'R	APP'R
A	5/30/09	Progress Drawings (90% Review)	KTM	JCP	BLP	TAL
B	2/25/09	90% SUBMISSION	KTM	JCP	BLP	TAL
	11/23/09	POINTED FOR CONSTRUCTION FOR CONFERENCE 09-2-506	KTM			

GTP Georgia Transportation Partners

NORTHWEST I-75/I-575 CORRIDOR

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

JBT J.B. Trimble, Inc.
2550 Heritage Ct. SE Suite 250
Atlanta GA 30339-3062
(770) 952-1022

BRIDGE SHEET 1 OF 5

I-75 / I-575 NORTHWEST CORRIDOR

HICKORY GROVE RD OVER I-75

PLAN AND ELEVATION

COBB COUNTY NH000-0073-03(242)

DRAWING NO. 35-216