


02-OCT-2008 14:39
 P:\TIP\c-202043\Signing\CADD\Signing_Layout_Plans\seed.dgn
 s:\johns

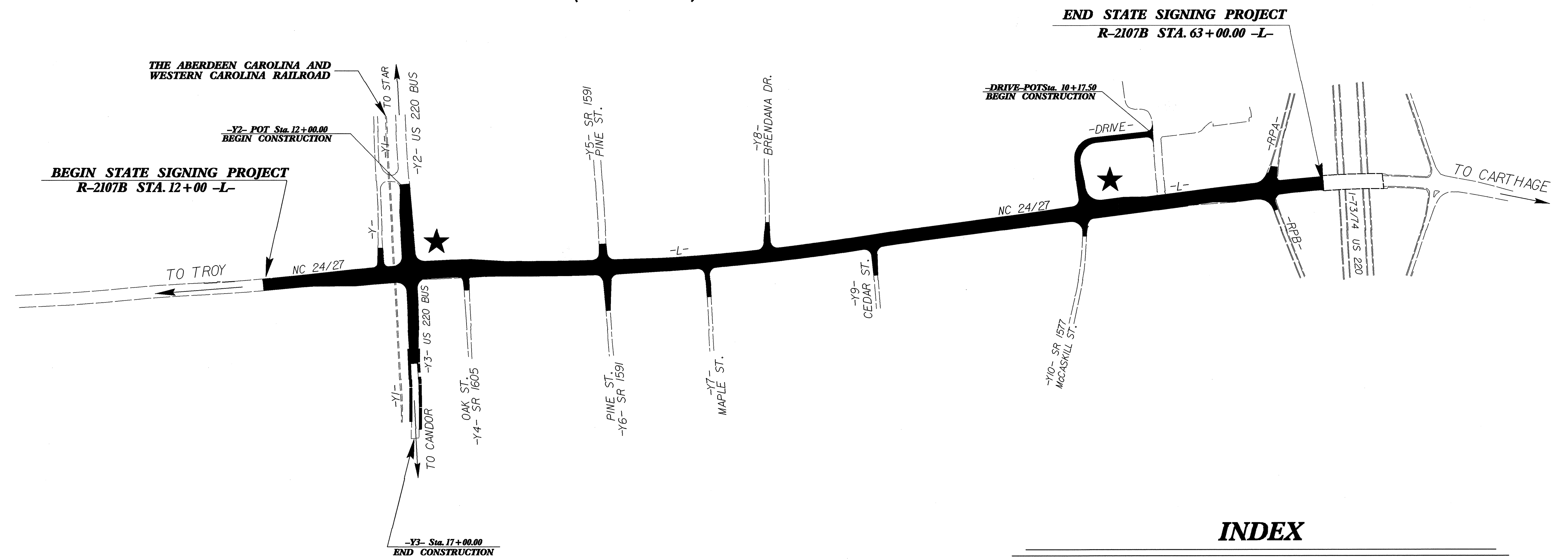
CONTRACT: C202043 **T.I.P.U-2107B**

**STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION**

TIP NO. R-2107B	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
	

**SIGNING PLANS
 MONTGOMERY COUNTY**

**LOCATION: NC 24-27 (EAST MAIN ST.) FROM US 220A
 (MAIN ST) TO I-73/74/US 220**




INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF QUANTITIES and NOTES
3 & 3A	D SHEETS
3B	E and F SHEET
4-7	EXISTING SIGNING SHEETS
8-11	PROPOSED SIGNING SHEETS

PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

RON KING, P.E.	STATE SIGNING ENGINEER
AYMAN ALQUDWAH, P.E.	SIGNING CONTRACTS ENGINEER
SAMUEL COLEMAN, E.I.	SIGNING CONTRACTS PROJ. DESIGN ENG.
STACEY JOHNS	SIGNING CONTRACTS DESIGN ENGINEER

TIP NO. R-2107B	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
SEAL	
	

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1374	L.F.
4096000000	904	SIGN ERECTION, TYPE D	5	EA.
4102000000	904	SIGN ERECTION, TYPE E	47	EA.
4108000000	904	SIGN ERECTION, TYPE F	22	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	53	EA.

GENERAL NOTES

General Notes:

- . SIGNS FURNISHED BY STATE
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE III REFLECTIVE SHEETING.

PAY ITEMS NOTES


Pay Item Notes:	
1	DISPOSAL OF SIGN SYSTEM, U-CHANNEL

ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS

901.50
904.10
904.50

**SUMMARY OF QUANTITIES
AND NOTES**

TIP NO. R-2107B	SHEET NO. SIGN-3
APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
SEAL	

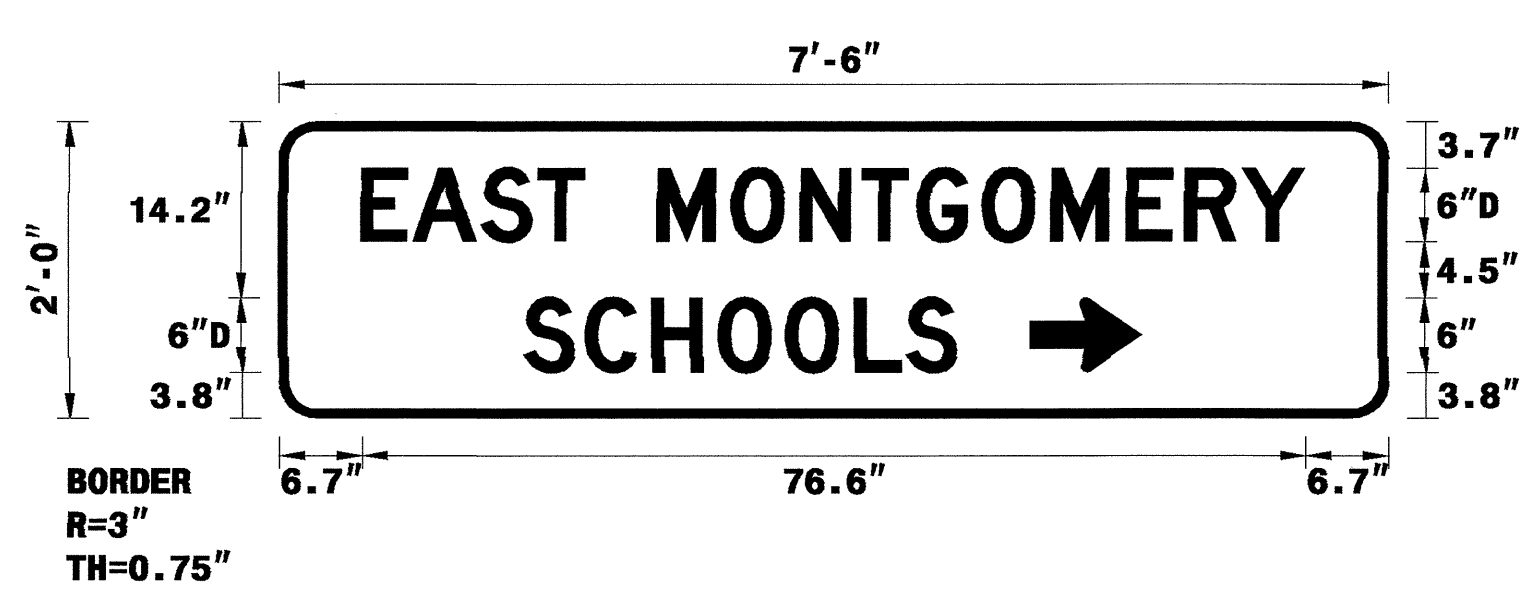


SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARUP	61.1	3.8	6	9

DESIGN BY: SWJ
PROJECT ID: R-2107B
CHECKED BY:
DIV: 8
DATE: Sep 30, 2008



BORDER
R=3"
TH=0.75"

90" X 24"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	A	S	T	M	O	N	T	G	O	M	E	R	Y		Series/Size Text Length		
	6.7	4.2	5.6	4.6	3.7	6	6	5.6	5	4.5	5.3	5.6	6.1	4.7	4.6	5.2	6.7	D 2000 76.6
																		D 2000 35.1
	19.9	5	5.4	5.4	5.5	5.6	4.2	4.1	35									

FILENAME: SIGNS

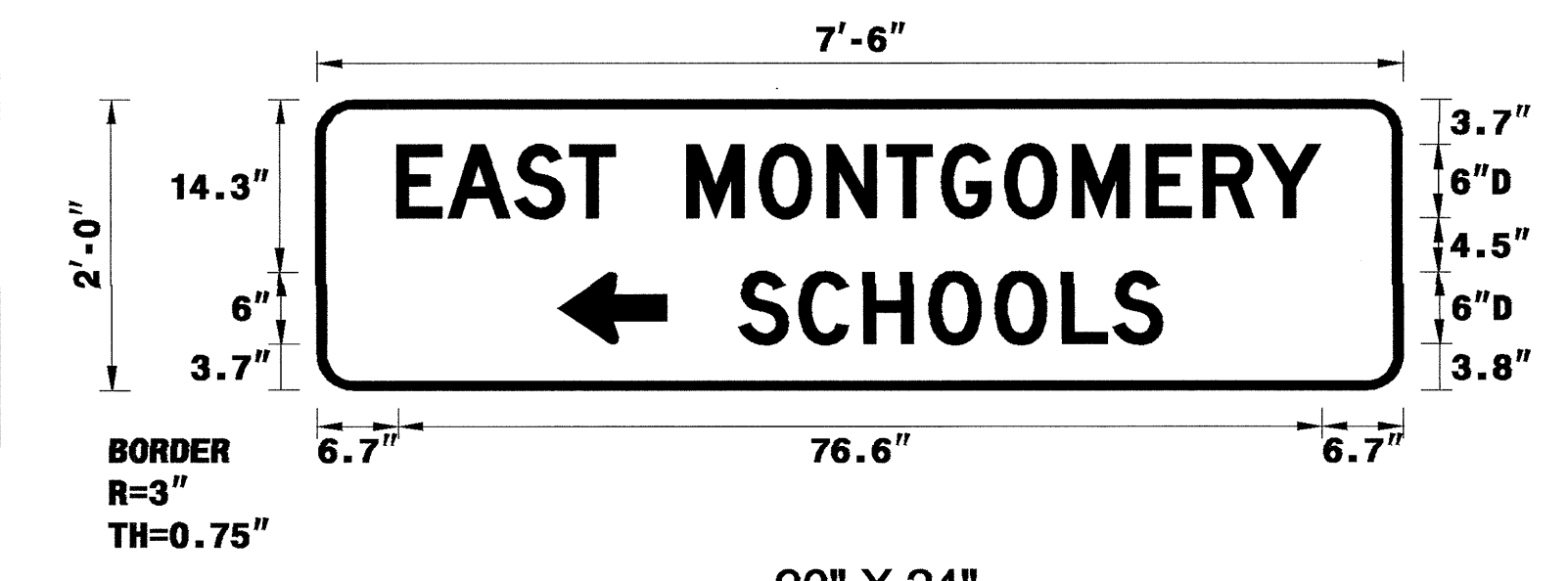
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARUP	19.9	3.8	6	9

DESIGN BY: SWJ
PROJECT ID: R-2107B
CHECKED BY:
DIV: 8
DATE: Sep 30, 2008



BORDER
R=3"
TH=0.75"

90" X 24"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	A	S	T	M	O	N	T	G	O	M	E	R	Y		Series/Size Text Length		
	6.7	4.2	5.6	4.6	3.7	6	6	5.6	5	4.5	5.3	5.6	6.1	4.7	4.6	5.2	6.7	D 2000 76.6
																		D 2000 35.1
	35	5	5.4	5.4	5.5	5.6	4.2	4.1	19.9									

FILENAME: SIGNS

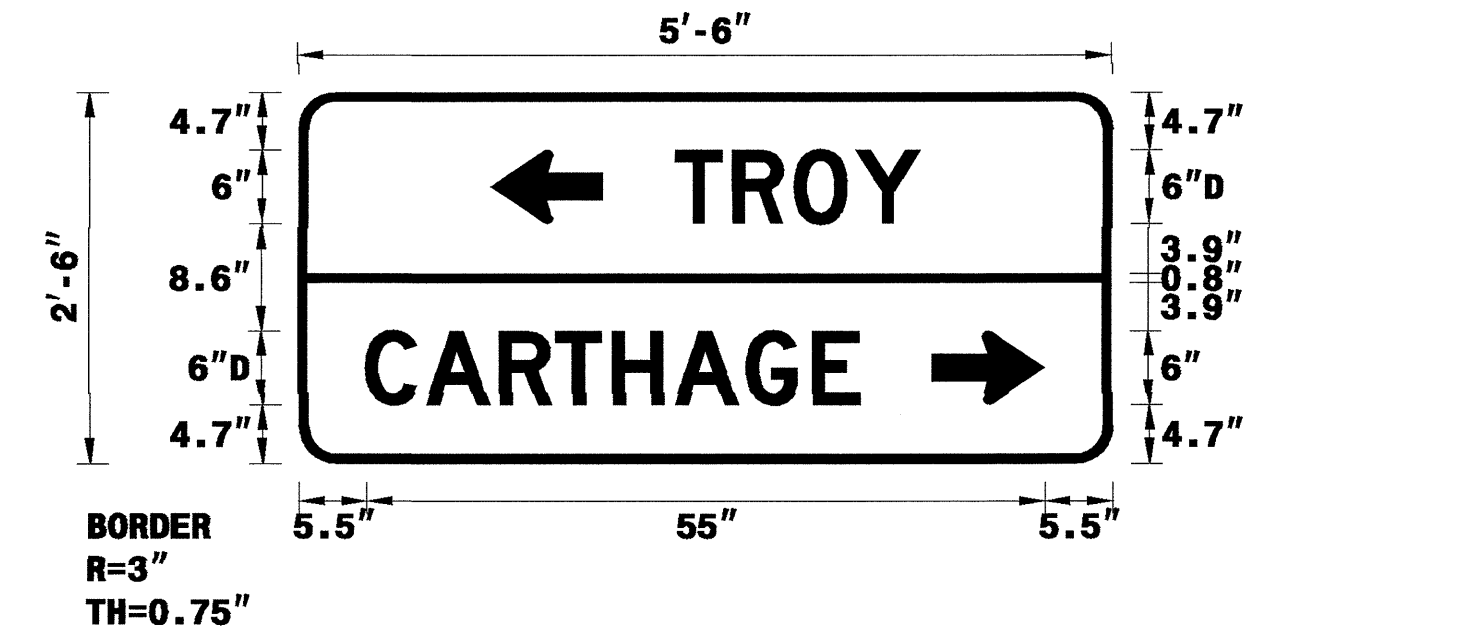
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 2'-6"
TOTAL AREA: 13.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green/Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARUP	15.6	19.3	6	9
ARUP	51.5	4.7	6	9

DESIGN BY: SWJ
PROJECT ID: R-2107B
CHECKED BY:
DIV: 8
DATE: Sep 30, 2008



BORDER
R=3"
TH=0.75"

66" X 30"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	T	R	O	Y		Series/Size Text Length											
	30.6	4.6	5	5	5.2	15.6	D 2000 19.8										
							D 2000 40										
	5.5	4.9	6	4.6	4.6	5	5.9	5.4	3.7	20.5							


FILENAME: SIGNS

NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

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TIP NO. R-2107B	SHEET NO. SIGN-3A
APPROVED: <i>Sybil Elwood</i>	
DATE: 10/8/08	
SEAL	



SIGN NUMBER: 304 BACKG COLOR: Green/Green
TYPE: D COPY COLOR: White

DESIGN BY: SWJ CHECKED BY: DATE: Sep 30, 2008
PROJECT ID: R-2107B DIV: 8

QUANTITY: 1

SYMBOL	X	Y	WID	HT
ARUP	12.6	17.1	6	9
ARUP	62.5	3.9	6	9

SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.

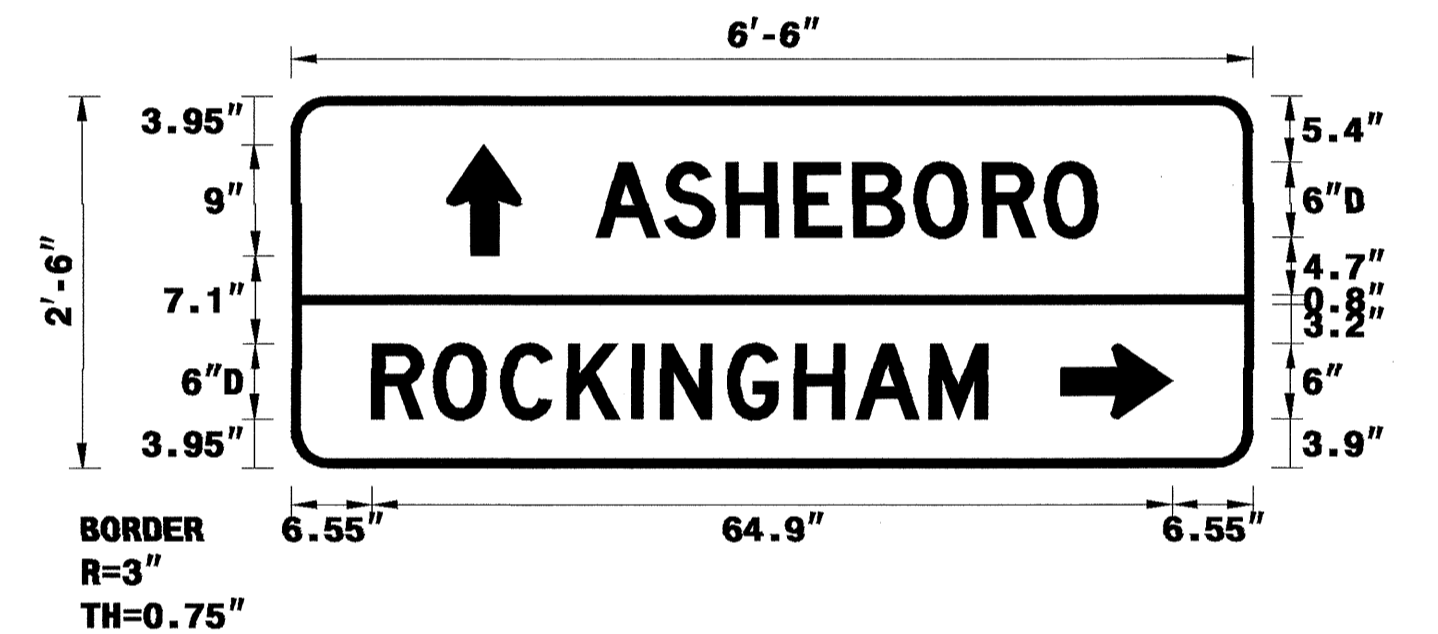
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.



78" X 30"
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter Spacing Data													Series/Size	Text Length
A	S	H	E	B	O	R	O						D 2000	40.7
24.6	5.6	5.1	5.5	4.7	5	5.6	5	4.3	12.6					
R	O	C	K	I	N	G	H	A	N				D 2000	49.9
6.5	5	5.5	5.4	5.2	2.4	5.4	5.4	5	6	4.7	21.5			

FILENAME: SIGNS NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 305 BACKG COLOR: Green
TYPE: D COPY COLOR: White

DESIGN BY: SWJ CHECKED BY: DATE: Sep 30, 2008
PROJECT ID: R-2107B DIV: 8

QUANTITY: 1

SYMBOL	X	Y	WID	HT
ARUP	6.5	6	6	9

SIGN WIDTH: 6'-6"
HEIGHT: 1'-6"
TOTAL AREA: 9.8 Sq.Ft.

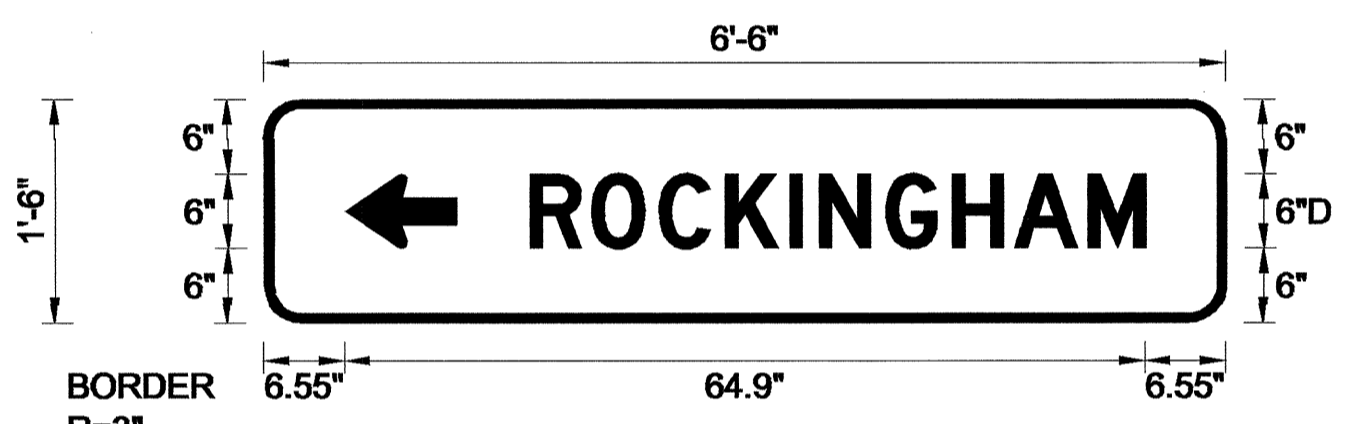
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"

NO. Z BARS:
LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.



78" X 18"
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter Spacing Data													Series/Size	Text Length
R	O	C	K	I	N	G	H	A	N				D 2000	49.9
21.5	5	5.5	5.4	5.2	2.4	5.4	5.4	5	6	4.7	6.5			

FILENAME: SIGNS NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

02-OCT-2008 14:38
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sjohns - AT - EC2216-2

TIP NO. R-2107B	SHEET NO. SIGN-3B
APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
SEAL	

403 QUANTITY REQ'D 1

24 X 30
R2-1

ONE "U" POST PER SIGN

413 QUANTITY REQ'D 1

54 X 18
R6-1 (R)

TWO "U" POSTS PER SIGN

458 QUANTITY REQ'D 1

30 X 30
W14-2

ONE "U" POST PER SIGN

501
514

1 - 21" X 15"
1 - 24" X 12"
1 - 30" X 24"

ONE "U" POST PER SIGN

506

WEST EAST 2 - 24" X 12"
24 24 2 - 24" X 24"
27 27 2 - 24" X 24"
← → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

512

EAST WEST 2 - 24" X 12"
24 24 2 - 24" X 24"
27 27 2 - 24" X 24"
← → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

404 QUANTITY REQ'D 9

24 X 30
R2-1

ONE "U" POST PER SIGN

414 QUANTITY REQ'D 1

54 X 18
R6-1 (L)

MOUNT BACK TO BACK WITH SIGN 413
IN 1 INSTALLATIONS

462 QUANTITY REQ'D 2

36 X 36
W10-1

ONE "U" POST PER SIGN

502
510

1 - 21" X 15"
1 - 24" X 24"
1 - 24" X 24"

ONE "U" POST PER SIGN

507
520

EAST 1 - 24" X 12"
24 1 - 24" X 24"
27 1 - 24" X 24"

ONE "U" POST PER SIGN

513
519

WEST 1 - 24" X 12"
24 1 - 24" X 24"
27 1 - 24" X 24"

ONE "U" POST PER SIGN

517

SOUTH 1 - 24" X 12"
220 1 - 30" X 24"
→ 1 - 21" X 15"
SOUTH EAST 2 - 24" X 12"
73 74 2 - 24" X 24"
→ → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

408 QUANTITY REQ'D 8

30 X 30
R1-1

ONE "U" POST PER SIGN

416 QUANTITY REQ'D 5

24 X 30
R4-7

ONE "U" POST PER SIGN

471 QUANTITY REQ'D 4

24 X 36
R3-9B

ONE "U" POST PER SIGN

503

NORTH SOUTH 2 - 24" X 12"
ALT ALT 2 - 24" X 12"
220 220 2 - 30" X 24"
← → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

508

SOUTH NORTH 2 - 24" X 12"
ALT ALT 2 - 24" X 12"
220 220 2 - 30" X 24"
← → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

515

JCT 1 - 21" X 15"
220 1 - 30" X 24"
2 - 24" X 24"
73 74

TWO "U" POSTS PER SIGN

518

SOUTH EAST SOUTH 3 - 24" X 12"
73 74 220 3 - 24" X 24"
← ← ← 3 - 21" X 15"

MOUNT BELOW SIGN 318

409 QUANTITY REQ'D 2

36 X 36
R1-1

ONE "U" POST PER SIGN

417 QUANTITY REQ'D 5

18 X 18
W23-15

MOUNT BELOW SIGN 416
IN 5 INSTALLATIONS

472 QUANTITY REQ'D 2

24 X 12

MOUNT ABOVE SIGN 471
IN 2 INSTALLATIONS

504

SOUTH 1 - 24" X 12"
ALT 1 - 24" X 12"
220 1 - 30" X 24"

ONE "U" POST PER SIGN

509

NORTH 1 - 24" X 12"
ALT 1 - 24" X 12"
220 1 - 30" X 24"

ONE "U" POST PER SIGN

516

NORTH 1 - 24" X 12"
220 1 - 30" X 24"
↑ 1 - 21" X 15"
NORTH WEST 2 - 24" X 12"
73 74 2 - 24" X 24"
↑ ↑ 2 - 21" X 15"

TWO "U" POSTS PER SIGN

521

TO SOUTH 1 - 24" X 12"
220 1 - 30" X 24"
← 1 - 21" X 15"
TO TO 2 - 24" X 12"
SOUTH EAST 2 - 24" X 12"
73 74 2 - 24" X 24"
← ← 2 - 21" X 15"

TWO "U" POSTS PER SIGN

411 QUANTITY REQ'D 2

30 X 30
R5-1

MOUNT BACK TO BACK WITH SIGN 409
IN 2 INSTALLATIONS

455 QUANTITY REQ'D 2

30 X 30
R3-7

ONE "U" POST PER SIGN

473 QUANTITY REQ'D 2

24 X 12
M4-6

MOUNT ABOVE SIGN 471
IN 2 INSTALLATIONS

505

TO 1 - 24" X 12"
220 1 - 30" X 24"
INTERSTATE INTERSTATE 2 - 24" X 24"
73 74
→ → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

511

TO 1 - 24" X 12"
220 1 - 30" X 24"
INTERSTATE INTERSTATE 2 - 24" X 24"
73 74
← ← 2 - 21" X 15"

TWO "U" POSTS PER SIGN


522

TO NORTH 1 - 24" X 12"
220 1 - 30" X 24"
→ 1 - 21" X 15"
TO TO 2 - 24" X 12"
NORTH WEST 2 - 24" X 12"
73 74 2 - 24" X 24"
→ → 2 - 21" X 15"

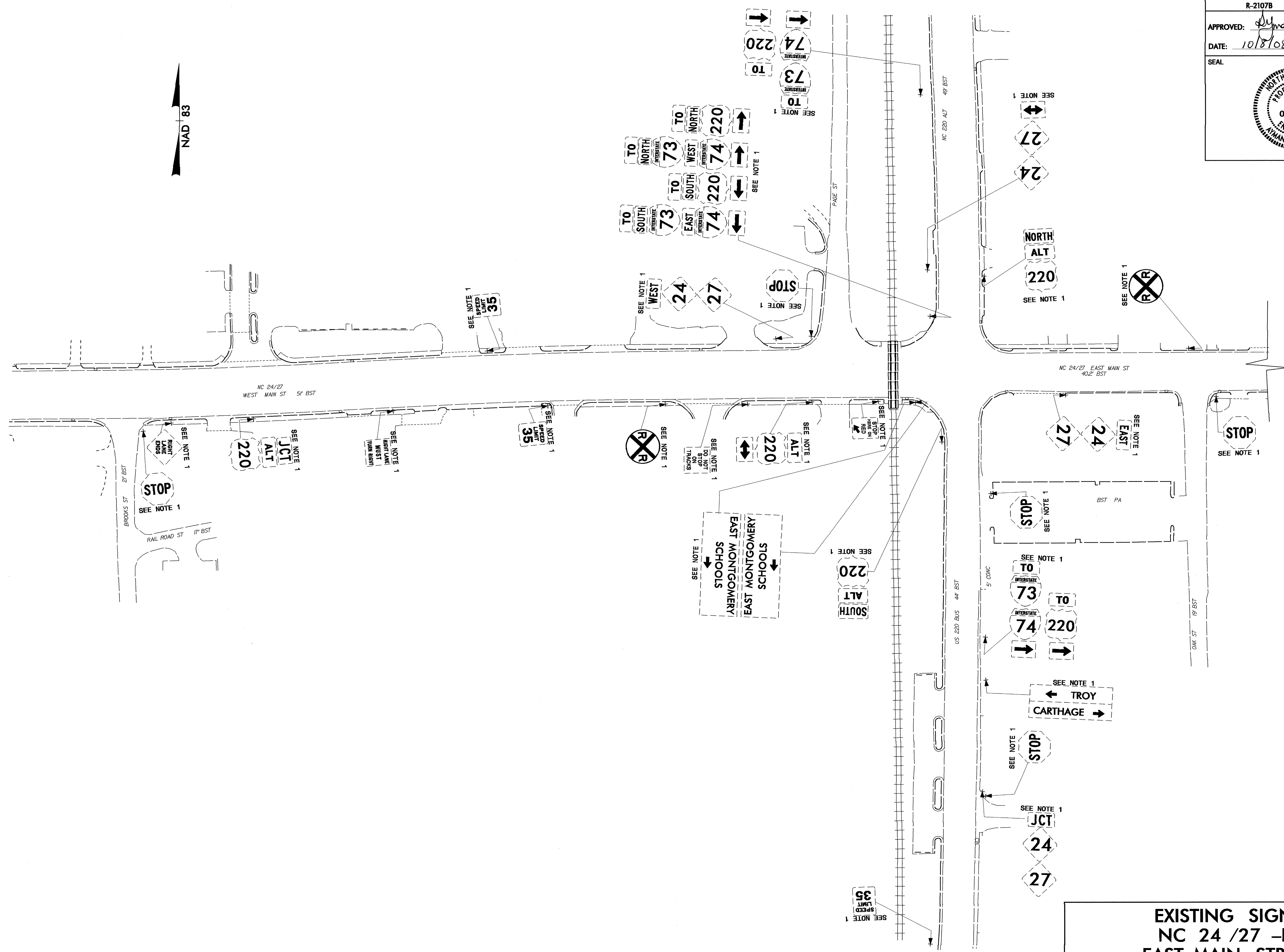
TWO "U" POSTS PER SIGN

TYPE "E" & "F" SIGNS

07-OCT-2008 13:03 P:\TIPPro\155-155-155-155\Traffic\Signing\NCADD\Signing Layout Plans\seed.cdn


TIP NO. R-2107B	SHEET NO. SIGN-4
APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
SEAL	
	

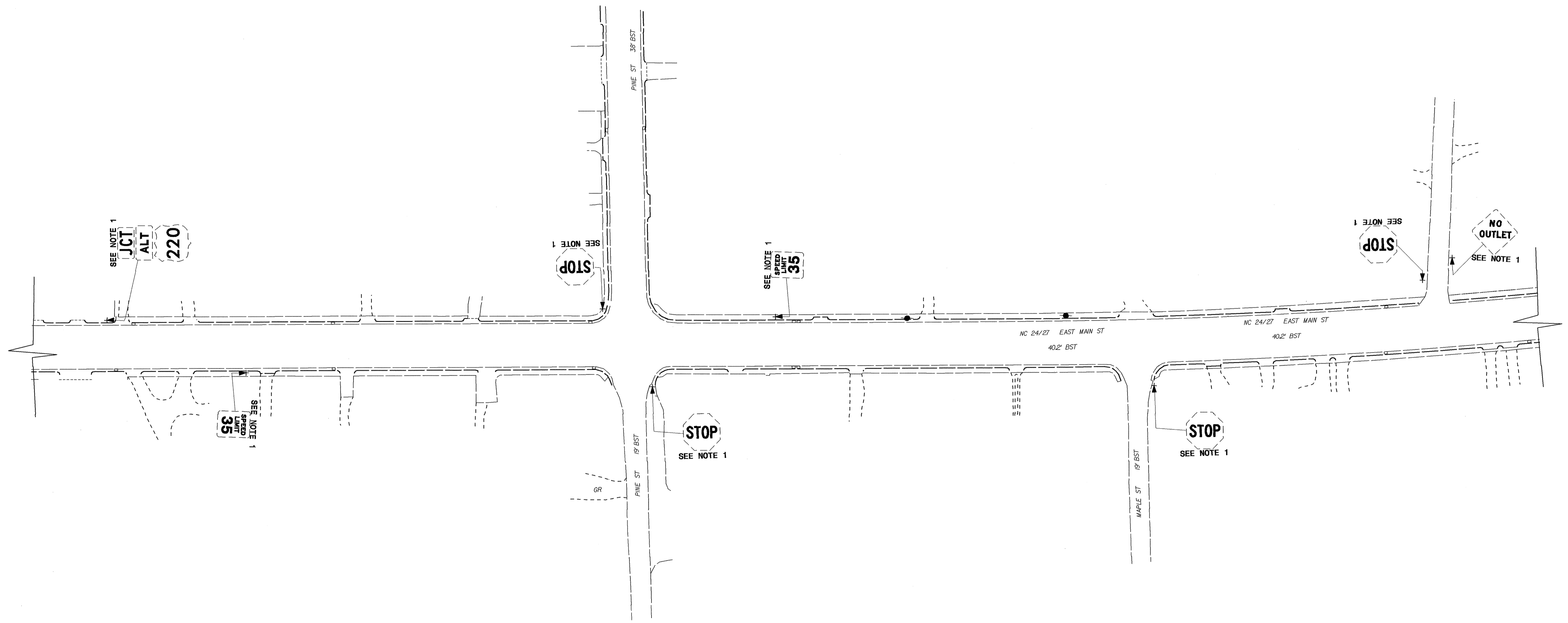
NAD 83

**EXISTING SIGNS
NC 24 /27 -L-
EAST MAIN STREET**


02-OCT-2008 14:41
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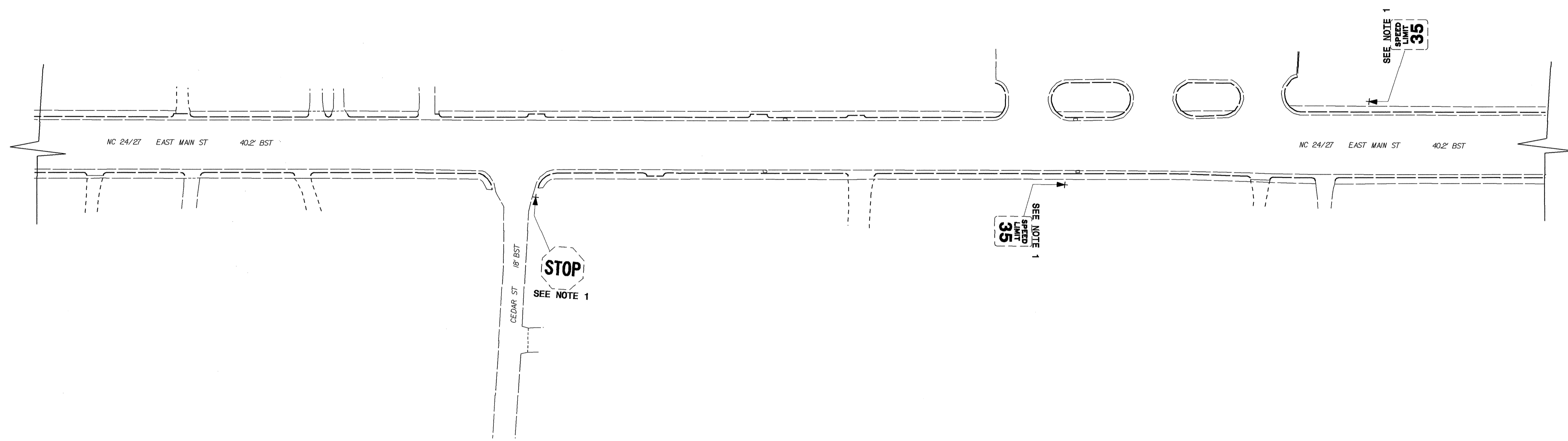
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DATE: 10/8/08	
SEAL	
	



02-OCT-2008 14:41
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 sjohns - 11 - 10/22/08

EXISTING SIGNS
NC 24 /27 -L-
EAST MAIN STREET

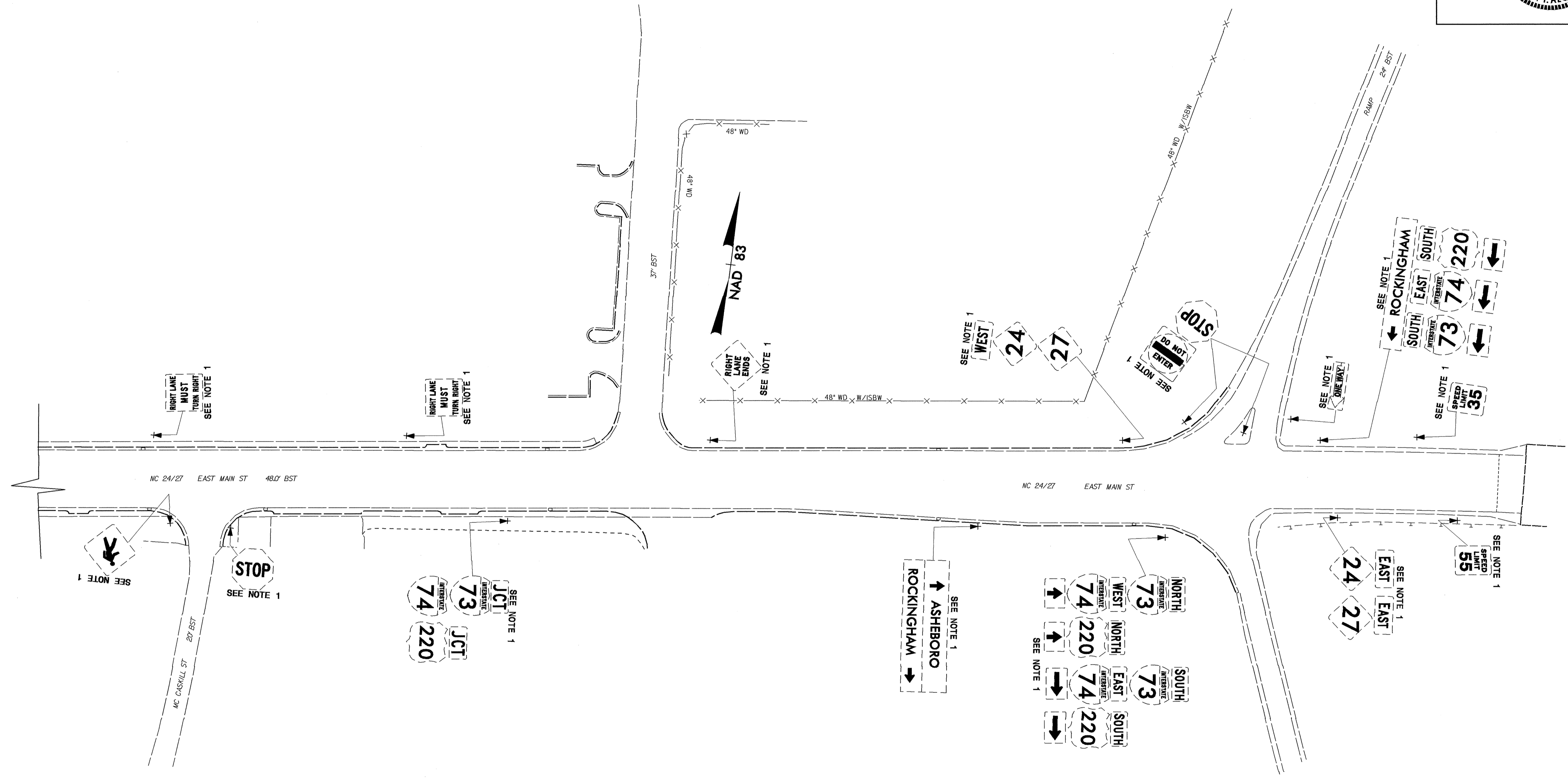
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APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
SEAL	
	



**EXISTING SIGNS
NC 24 /27 -L-
EAST MAIN STREET**

02-OCT-2008 14:42
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 sjoins - AT - EC221842

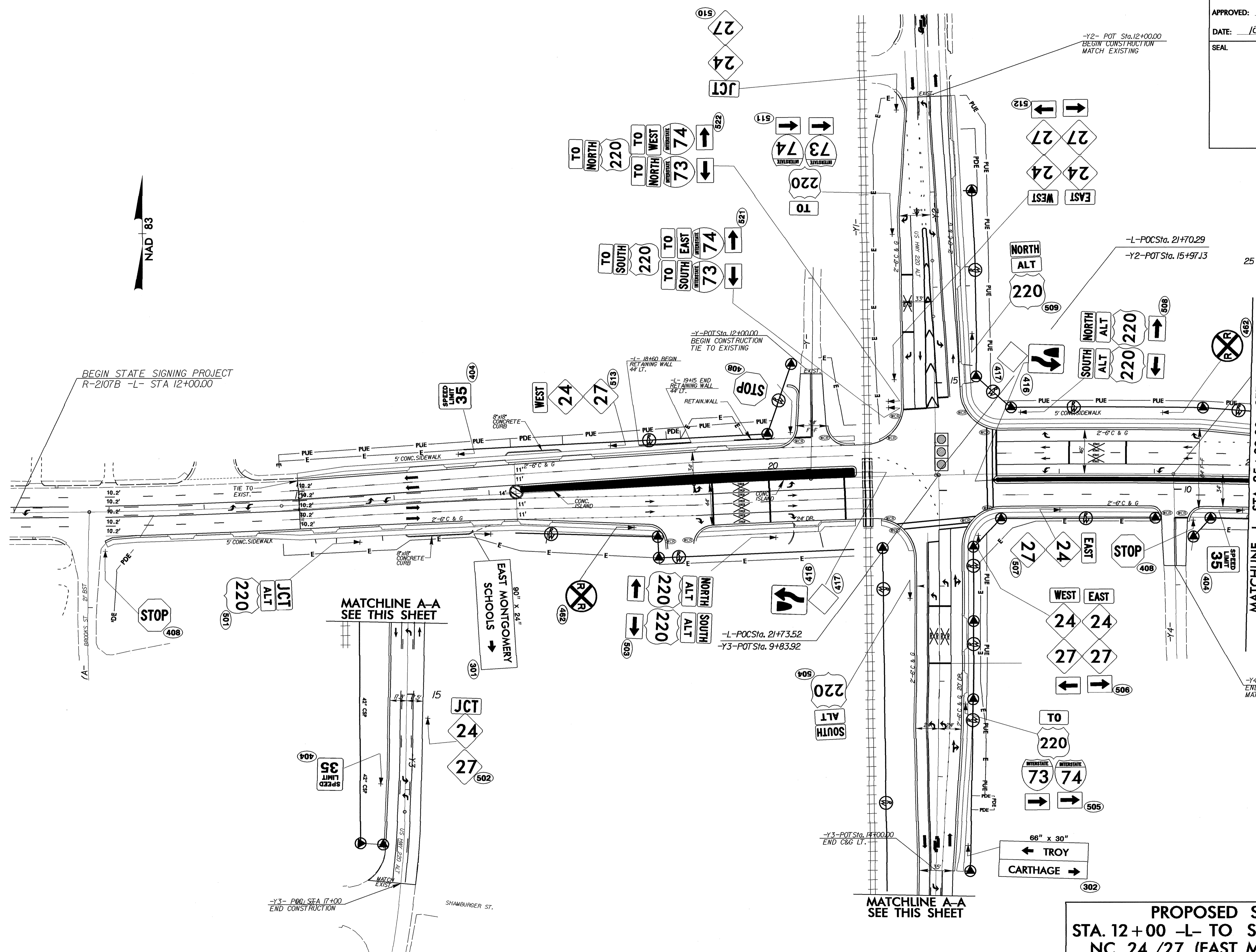
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APPROVED: <i>[Signature]</i>	
DATE: 10/8/08	
SEAL	



**EXISTING SIGNS
NC 24 /27 -L-
EAST MAIN STREET**

02-OCT-2008 14:42
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 sjohns - AT - EC221842

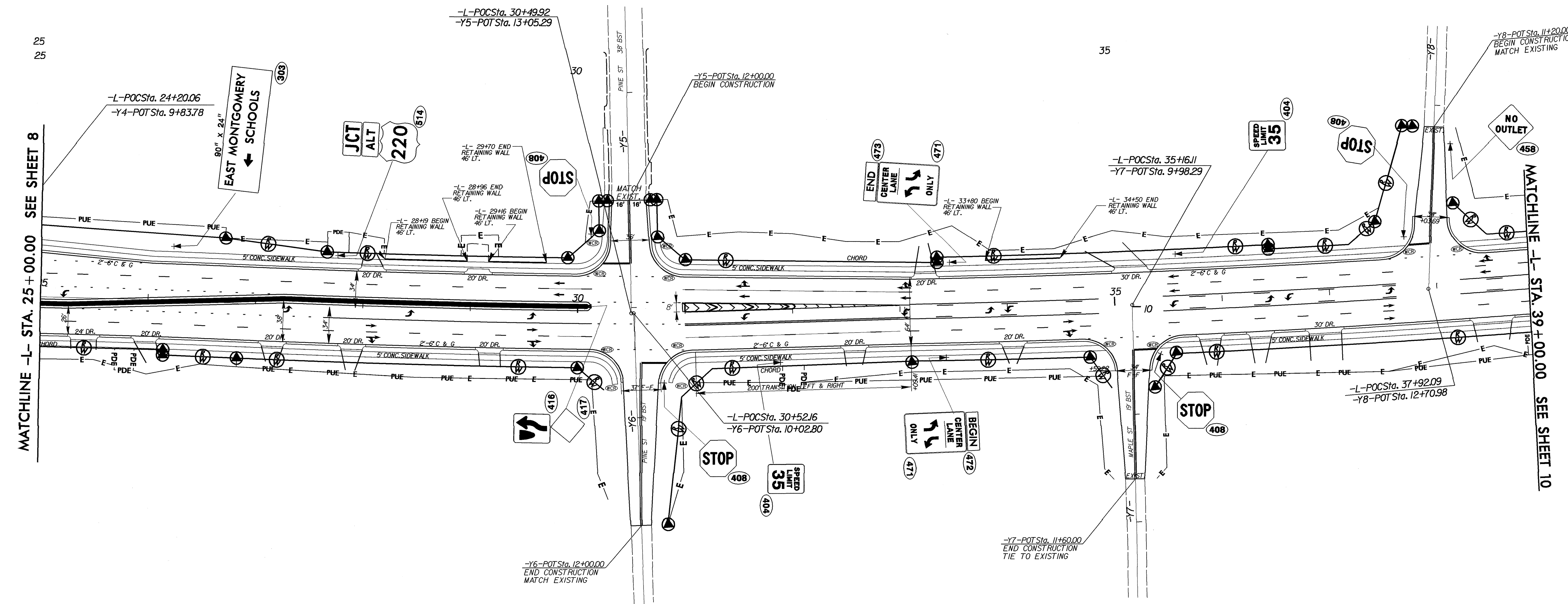
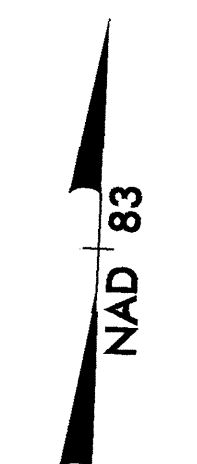
TIP NO. R-2107B	SHEET NO. SIGN-8
APPROVED: <i>Sybil R. ...</i>	
DATE: 10/18/08	
SEAL	



**PROPOSED SIGNS
STA. 12+00 -L- TO STA. 25+00 -L-
NC 24 /27 (EAST MAIN STREET)**


07-001-2008 13:14
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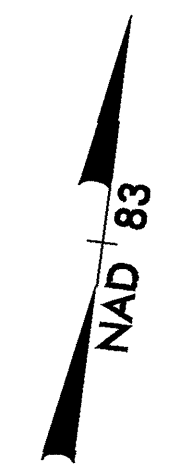
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APPROVED: <i>[Signature]</i>	
DATE: 10/8/09	
SEAL	



PROPOSED SIGNS
 STA. 25+00 -L- TO STA. 39+00 -L-
 NC 24 /27 (EAST MAIN STREET)

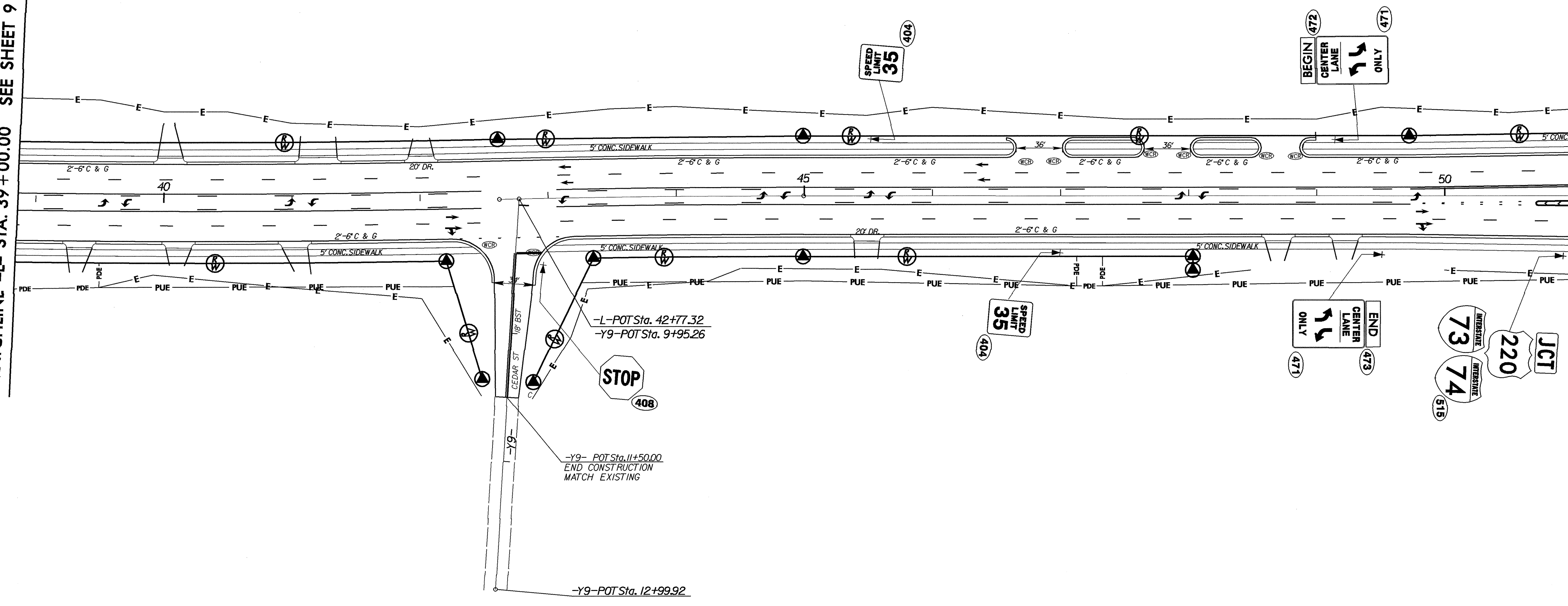
07-001-2008 1314
 P:\PPP-roj\09-05-09\Traffic\CA00\Signmg Layout Plans\2107b_rdy_pst05.dgn
 s\joms - AT - 10/22/09

TIP NO. R-2107B	SHEET NO. SIGN-10
APPROVED: <i>[Signature]</i>	
DATE: 8/10/08	
SEAL	
	



MATCHLINE -L- STA. 39+00.00 SEE SHEET 9

MATCHLINE -L- STA. 51+00.00 SEE SHEET 11



-L- POT Sta. 42+77.32
-Y9- POT Sta. 9+95.26

STOP (408)

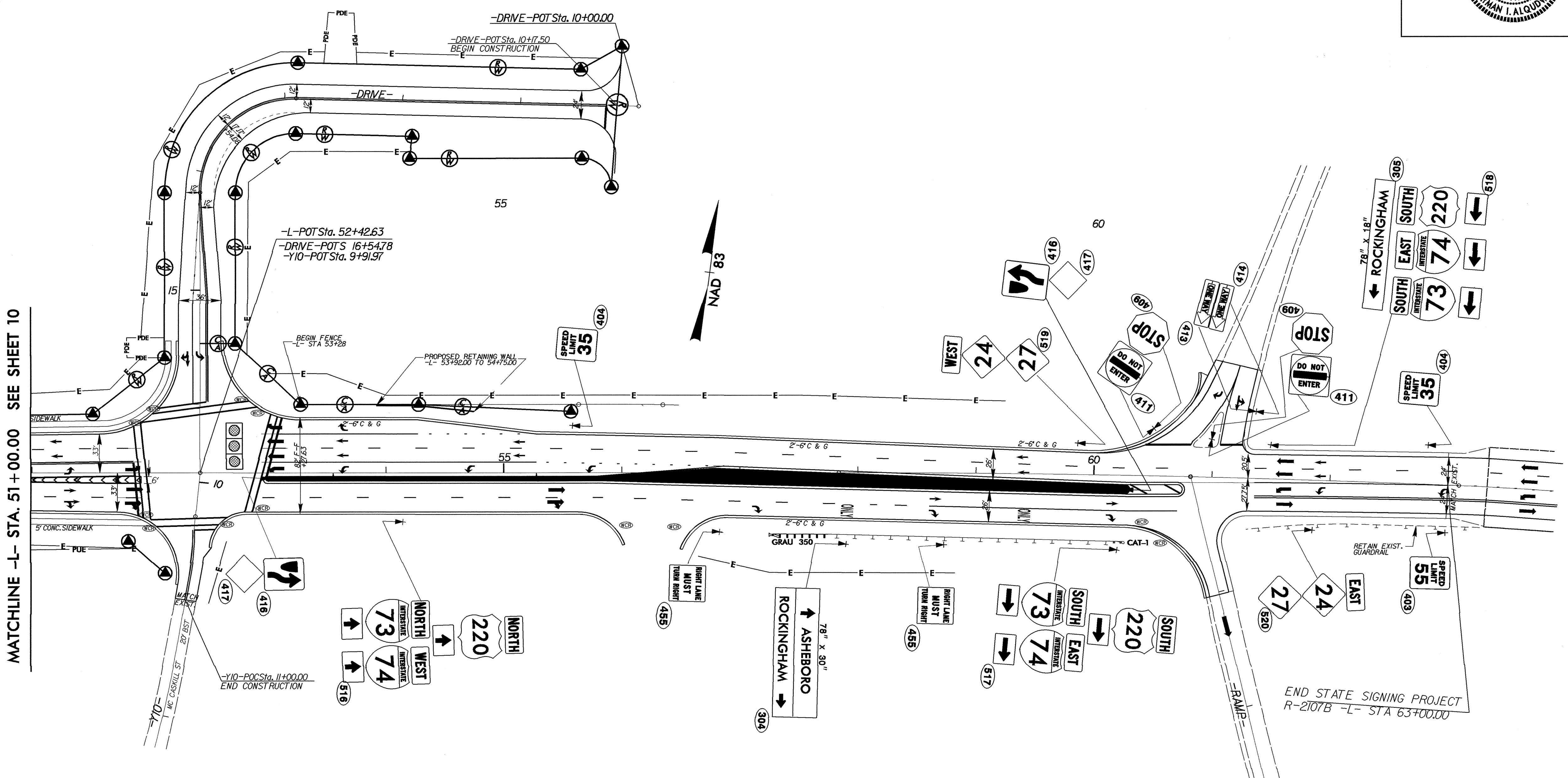
-Y9- POT Sta. 11+50.00
END CONSTRUCTION
MATCH EXISTING

-Y9- POT Sta. 12+99.92

PROPOSED SIGNS
STA. 39+00 -L- TO STA. 51+00 -L-
NC 24 /27 (EAST MAIN STREET)

08-OCT-2008 16:45
 p:\tipp-co\elects\2107B\Traffic\CADD\Signing\Layout\Plans\2107b_rdy_psh06.dgn
 sjohns AT TECC221642

TIP NO. R-2107B	SHEET NO. SIGN-11
APPROVED: <i>[Signature]</i>	
DATE: 10/8/09	
SEAL	



PROPOSED SIGNS
STA. 57+00 -L- TO STA. 63+00 -L-
NC 24 /27 (EAST MAIN STREET)

08-OCT-2008 15:47
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