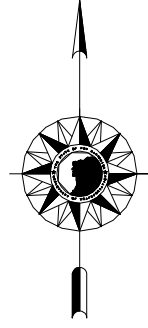
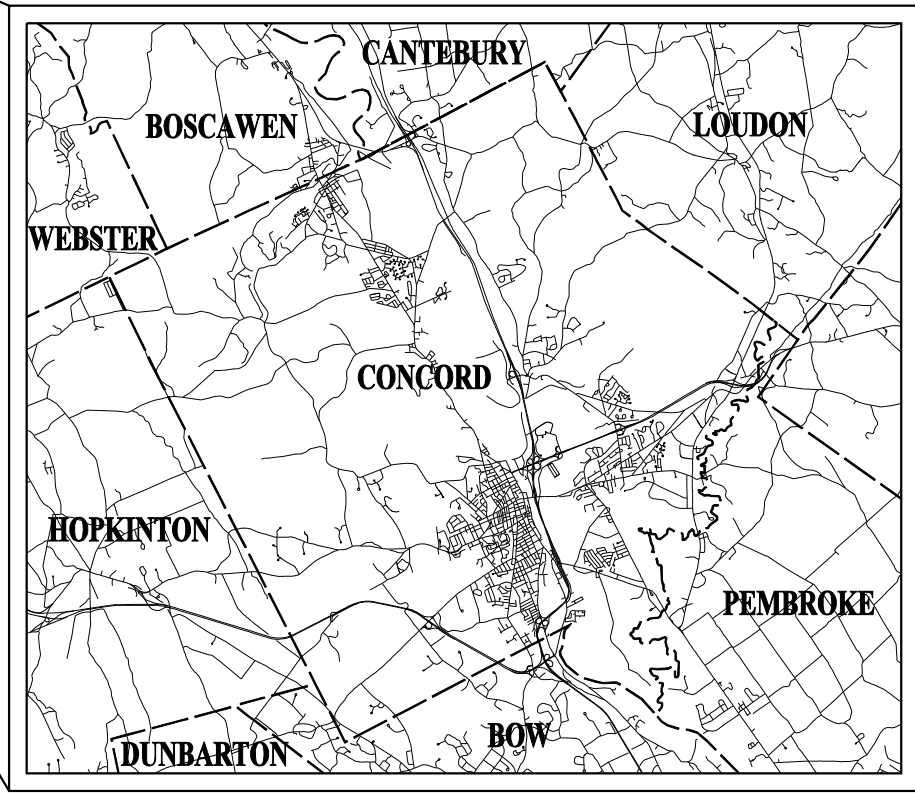


**STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS
FEDERAL AID PROJECT**

**N.H. PROJECT NO 15656
(NEW HAMPSHIRE RURAL SIGNING & DELINEATION PROGRAM)
VARIOUS CITY ROADS
IN THE CITY OF CONCORD**

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	KEY PLAN
4-18	SITE PLAN SHEETS
19-20	SIGN TEXT LAYOUT SHEETS
21	MISCELLANEOUS SIGN DETAILS



CITY OF CONCORD
COUNTY OF MERRIMACK
NOT TO SCALE

DRAWN BY	C.A.K.	DATE	4/09
CHECKED BY	R.L.P.	DATE	6/09

NH DOT THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR APPROVAL:

_____ DIRECTOR OF PROJECT DEVELOPMENT	_____ DATE
_____ MUNICIPAL HIGHWAYS ENGINEER	_____ DATE
_____ BUREAU OF PLANNING AND COMMUNITY ASSISTANCE	
APPROVED:	
_____ ASSISTANT COMMISSIONER AND CHIEF ENGINEER	_____ DATE

U. S. DEPARTMENT OF
TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

_____ DIVISION ADMINISTRATOR	_____ DATE
---------------------------------	---------------

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CHA

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Main: (603) 357-2445 • www.chacompanies.com

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	15656	1	21

PLOTTED DATED 6/26/2009 CHA PROJ. NO. \$CHA\$


FILE NAME : K:\15656\CONCORD\CADD\INDEX.DGN
 EXISTING DETAIL M.J.M. DATE 4/09
 NEW DESIGN C.A.K. DATE 4/09
 SHEET CHECKED R.L.P. DATE 6/09
 AS BUILT DETAILS DATE

REVISIONS AFTER PROPOSAL	STATION	STATION	DATE	NUMBER	DESCRIPTION

GENERAL NOTES

1. REFER TO THE STANDARD PLANS FOR EXACT DETAILS OF PERMANENT SIGNING STANDARDS, SEE "STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION" DATED 2001 (A BOUND BOOK), AS PUBLISHED BY THE NHDOT.
2. PROPOSED SIGN LOCATIONS SHALL BE LOCATED AS SHOWN IN THE PLANS IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD AND FIELD VERIFIED WITH THE ENGINEER PRIOR TO FINAL PLACEMENT.
3. PERFORM ALL WORK WITHIN THE EXISTING RIGHT-OF-WAY, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS ORDERED BY THE ENGINEER.
4. ALL WARNING SIGNS SHALL HAVE TYPE III BACKGROUND SHEETING, UNLESS OTHERWISE SPECIFIED.
5. REFER TO THE "STANDARD HIGHWAY SIGNS MANUAL" AS PUBLISHED BY THE USDOT-FHWA FOR EXACT DETAILS OF BORDERS, ETC.
6. THE MINIMUM SIGN HEIGHT AND LATERAL PLACEMENT FOR A ROADSIDE SIGN IN A RURAL DISTRICT SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.
7. EXISTING SIGNS AND SIGN POSTS BEING REMOVED SHALL BE GIVEN BACK TO THE CITY OF CONCORD AS ORDERED BY THE ENGINEER.
8. ALL STATIONING SHOWN IN FEET.
9. ALIGNMENTS BEGIN AT THE APPROXIMATE CENTERLINE OF THE NEAREST MAJOR INTERSECTING ROADWAY UNLESS NOTED OTHERWISE.

INCIDENTAL ITEMS			
ITEM NO.	ITEM	UNIT	TOTAL
615.003	REMOVING TRAFFIC SIGNS	U	172
615.03	TRAFFIC SIGN TYPE C (F)	SF	952.75
615.06	TRAFFIC SIGN TYPE CC (F)	SF	237.00
618.7	FLAGGERS	HR	100
619.1	MAINTENANCE OF TRAFFIC	U	0.33
692.	MOBILIZATION	U	0.33

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	DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
	GENERAL NOTES			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
15656_C GENERAL NOTES		15656	2	21

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009
 FILE NAME: K:\15656\15656\CONCORD\CADD\TOWN PLAN.DGN

REVISIONS AFTER PROPOSAL	STATION	STATION	DATE	NUMBER	DESCRIPTION

EXISTING DETAIL	M.J.M.	DATE	4/09
NEW DESIGN	C.A.K.	DATE	4/09
SHEET CHECKED	R.L.P.	DATE	6/09
AS BUILT DETAILS		DATE	

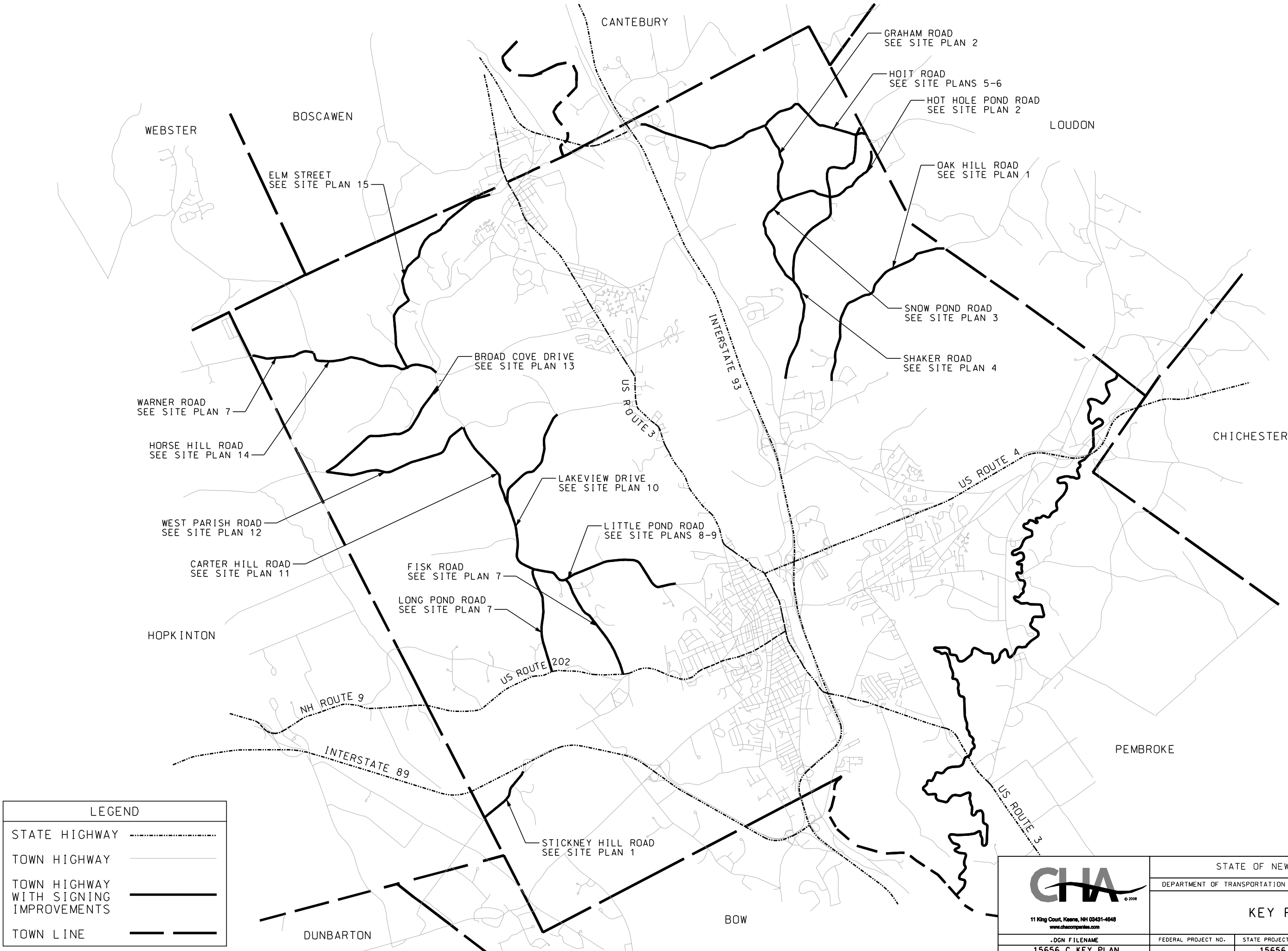
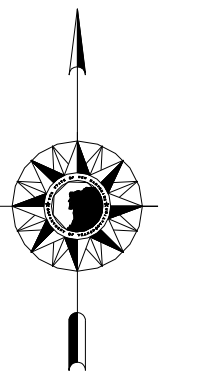
LEGEND

STATE HIGHWAY ————

TOWN HIGHWAY ————

TOWN HIGHWAY WITH SIGNING IMPROVEMENTS ————

TOWN LINE - - - - -

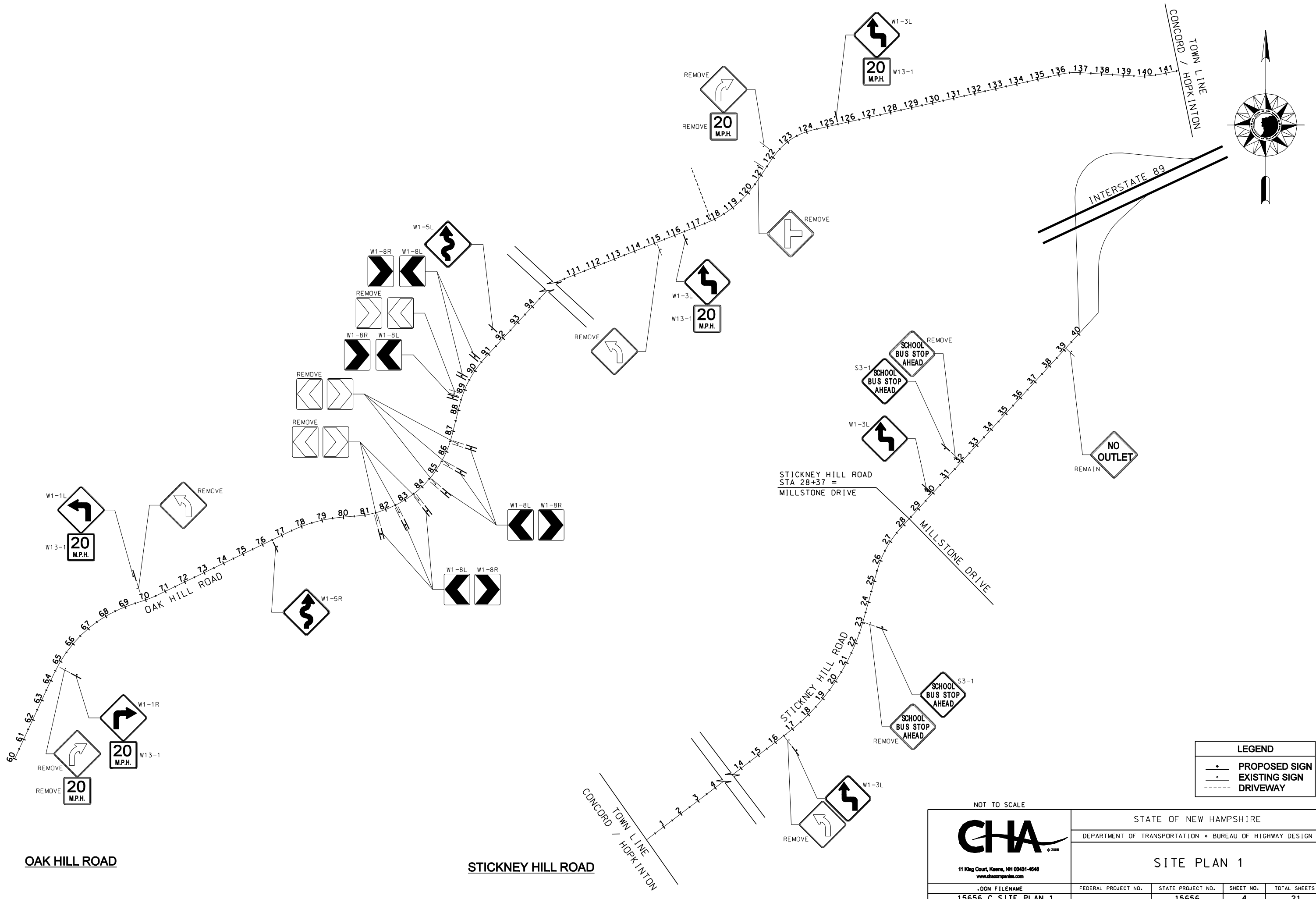


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STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
KEY PLAN			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C KEY PLAN		15656	3
	TOTAL SHEETS	21	

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009
 FILE NAME: K:\1\9698\15656\CONCORD\CADD\SHEET_01.DGN

EXISTING DETAIL	DATE	DATE	DATE	DATE	DATE	DATE	DATE	NUMBER	STATION	STATION	STATION	DESCRIPTION
NEW DESIGN	4/09	4/09	4/09	4/09	4/09	6/09						
SHEET CHECKED												
AS BUILT DETAILS												



NOT TO SCALE

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STATE OF NEW HAMPSHIRE
 DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN

SITE PLAN 1

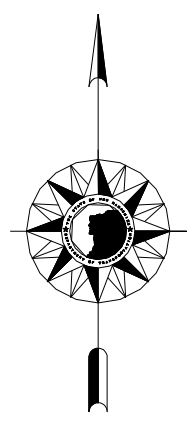
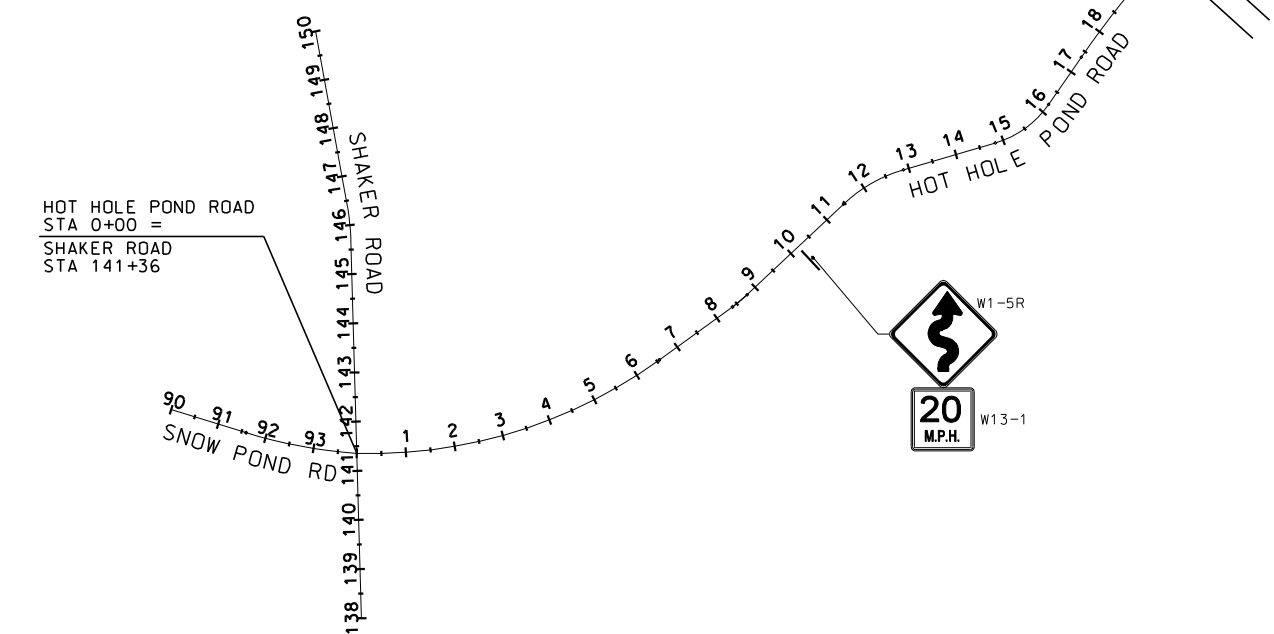
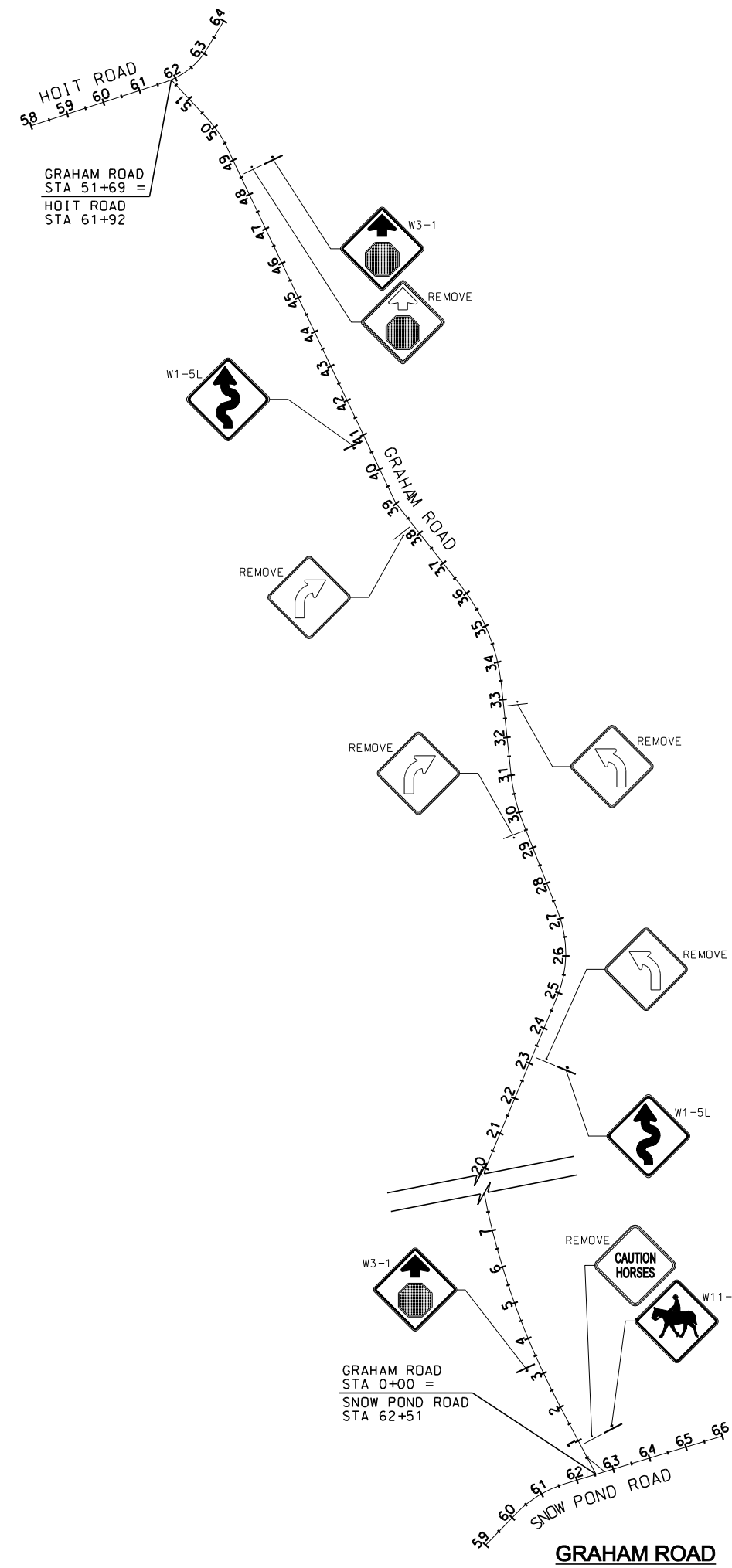
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15656_C SITE PLAN_1		15656	4	21

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009

FILE NAME: K:\119698\15656\CONCORD\CADD\SHEET_02.DGN

EXISTING DETAIL	M.J.M.	DATE	4/09
NEW DESIGN	C.A.K.	DATE	4/09
SHEET CHECKED	R.L.P.	DATE	6/09
AS BUILT DETAILS		DATE	

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION



LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- DRIVEWAY

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STATE OF NEW HAMPSHIRE
 DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN

SITE PLAN 2

.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
15656_C SITE PLAN_2		15656	5	21

PLOTTED DATED 6/26/2009

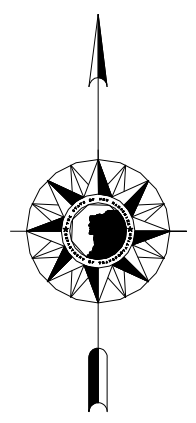
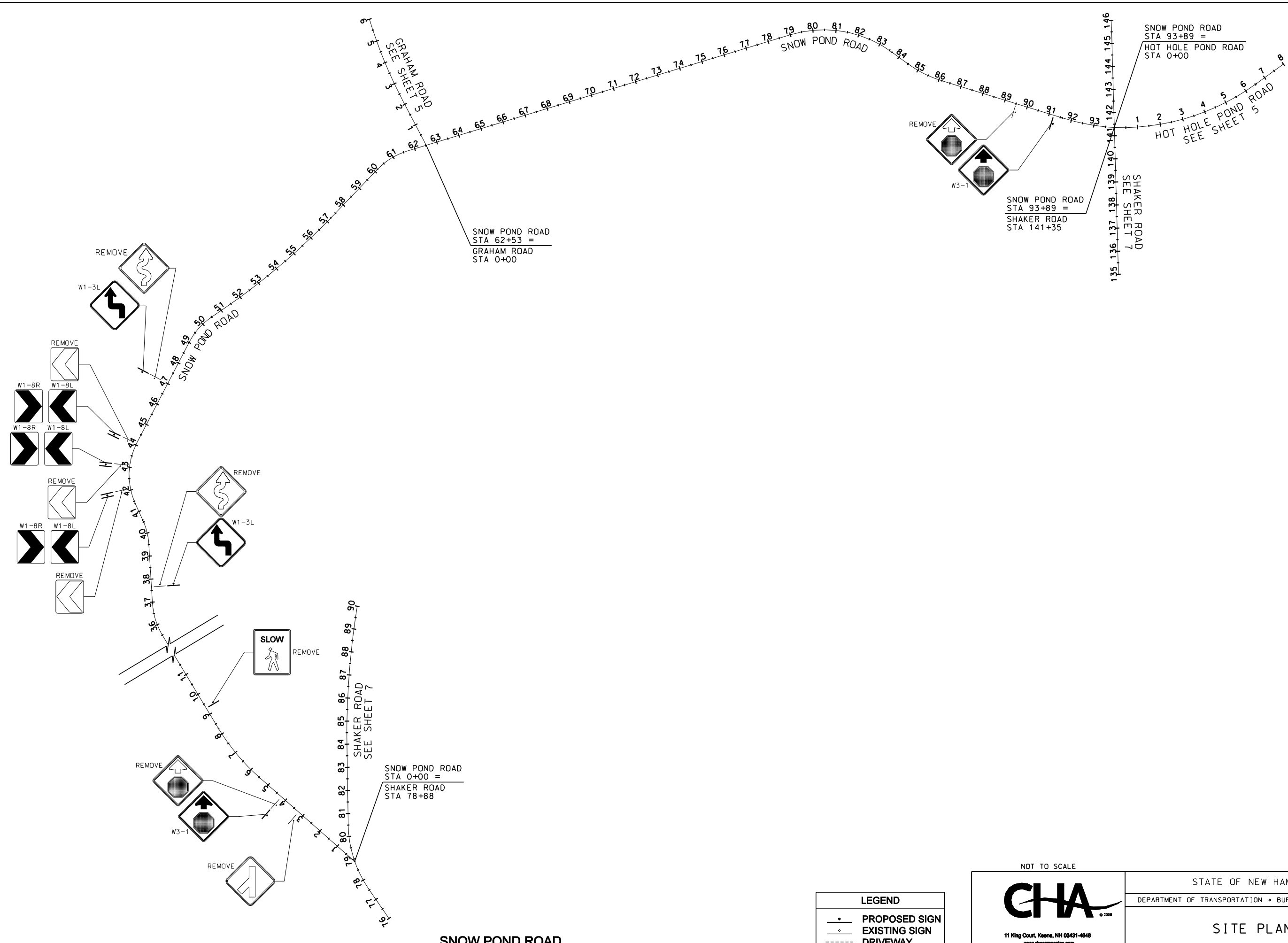
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DATE	DESCRIPTION	STATION	STATION
4/09	EXISTING DETAIL		
4/09	NEW DESIGN		
6/09	SHEET CHECKED		

REVISIONS AFTER PROPOSAL	STATION	STATION

CHA PROJ. NO. \$CHA\$

DATE	DATE	DATE	DATE



LEGEND	
•	PROPOSED SIGN
○	EXISTING SIGN
---	DRIVEWAY

NOT TO SCALE

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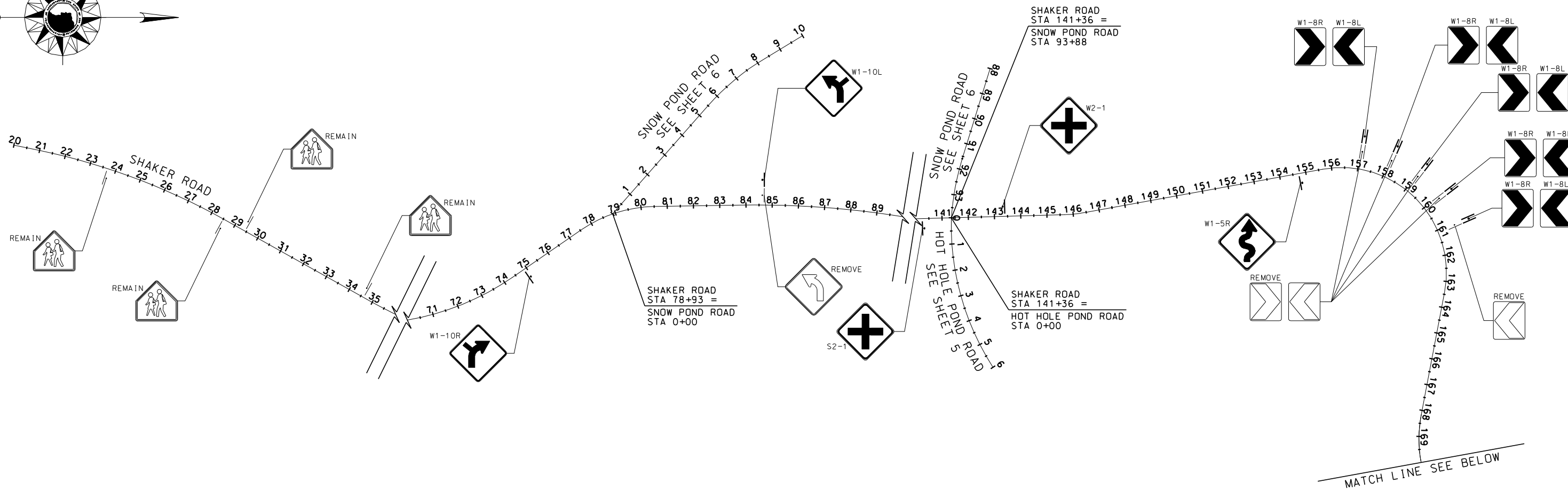
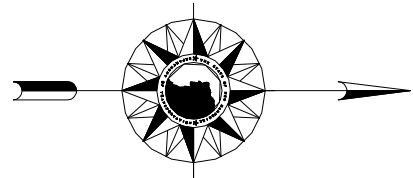
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STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
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FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
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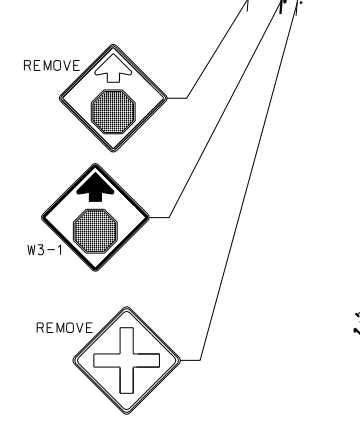
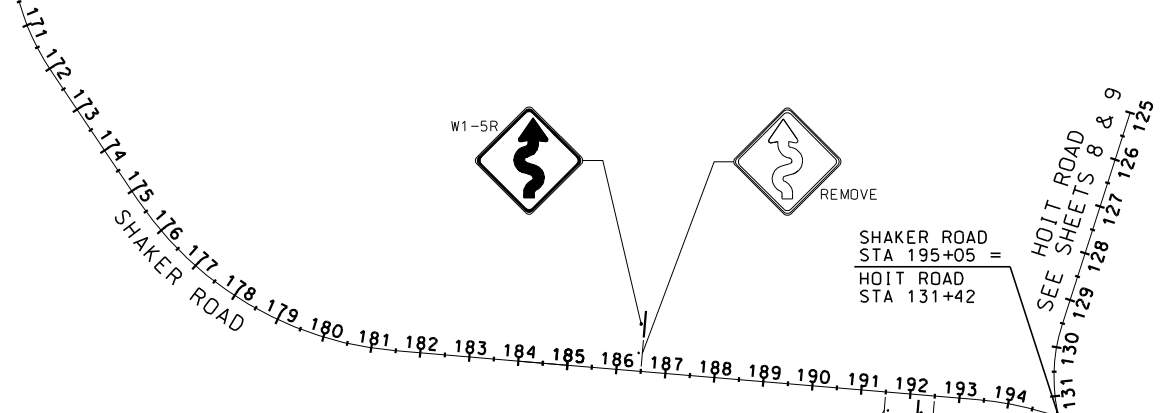
CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009
 REVISIONS AFTER PROPOSAL
 STATION
 STATION
 DATE
 NUMBER

4/03
 4/09
 6/09
 DATE
 DATE
 DATE
 DATE
 DATE
 AS BUILT DETAILS

FILE NAME: K:\15656\CONCORD\CADD\ASHEET_04.DGN
 EXISTING DETAIL M.J.M.
 NEW DESIGN C.A.K.
 SHEET CHECKED R.L.P.
 DATE 4/03
 DATE 4/09
 DATE 6/09



MATCH LINE SEE ABOVE



SHAKER ROAD

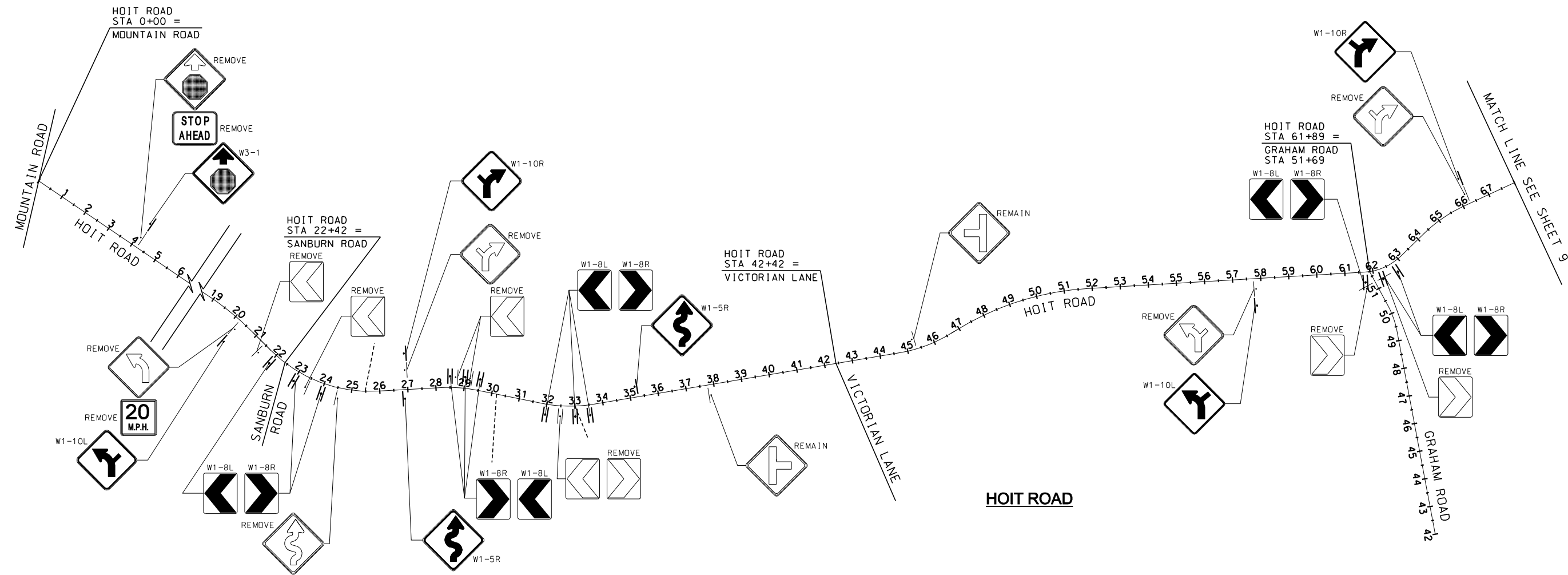
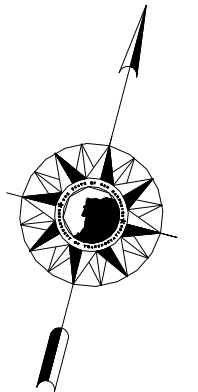
LEGEND	
●	PROPOSED SIGN
○	EXISTING SIGN
---	DRIVEWAY

NOT TO SCALE					
		STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
<p style="font-size: 24px; font-weight: bold;">SITE PLAN 4</p>					
11 King Court, Keene, NH 03431-4648 www.chacompanies.com		FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
15656_C SITE PLAN_4		15656	7	21	

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009

DATE	4/09
DATE	4/09
DATE	6/09
DATE	

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION



LEGEND	
	PROPOSED SIGN
	EXISTING SIGN
	DRIVEWAY

NOT TO SCALE

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STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN

SITE PLAN 5

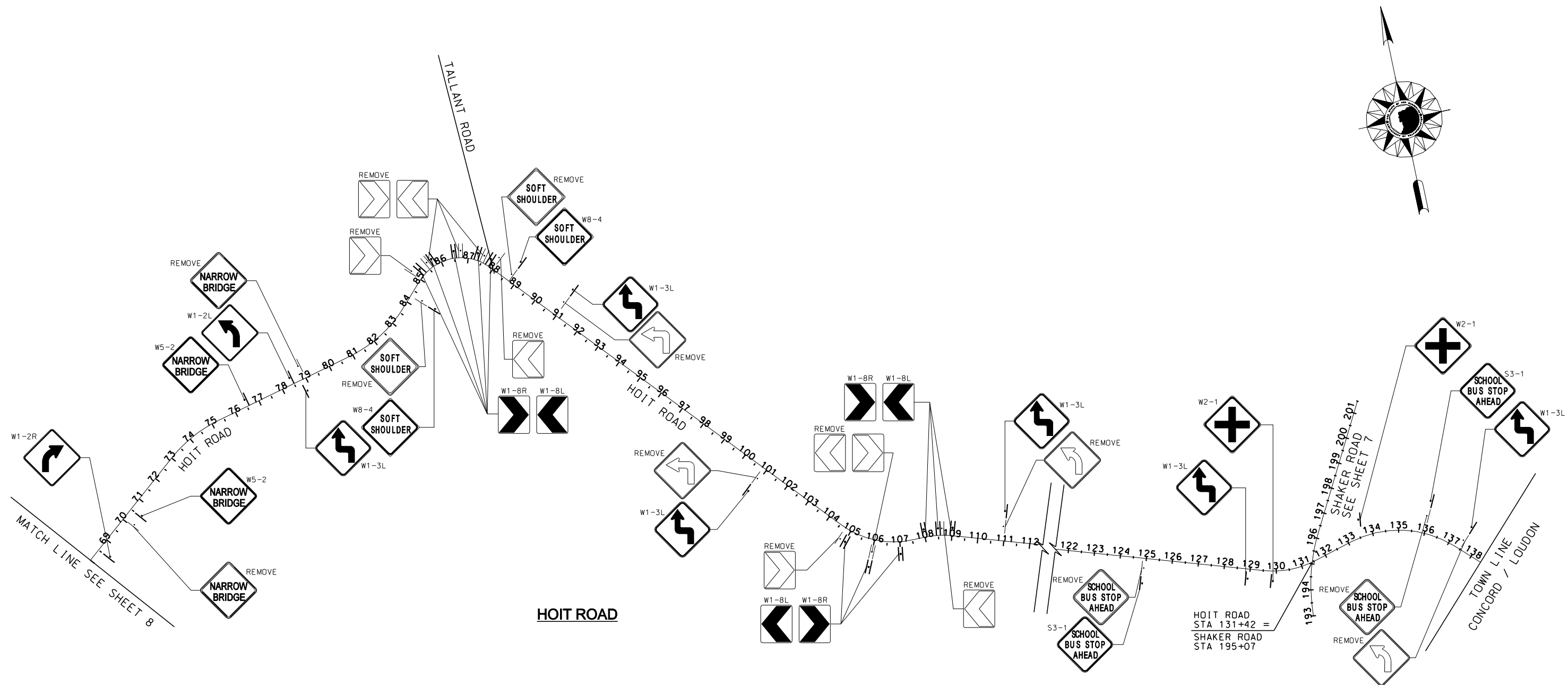
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15656_C SITE PLAN_5		15656	8	21

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009

FILE NAME: K:\119698\15656\CONCORD\CADD\SHEET_06.DGN


EXISTING DETAIL	DATE	DATE	DATE	DATE	DATE
M.J.M.	4/09				
C.A.K.	4/09				
R.L.P.	6/09				
AS BUILT DETAILS					

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION



LEGEND	
—•—	PROPOSED SIGN
—•—	EXISTING SIGN
----	DRIVEWAY

NOT TO SCALE



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STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 6			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_6		15656	9
			TOTAL SHEETS
			21

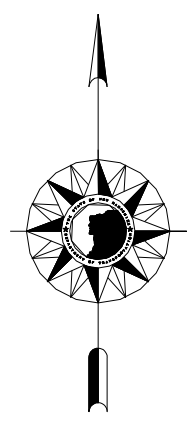
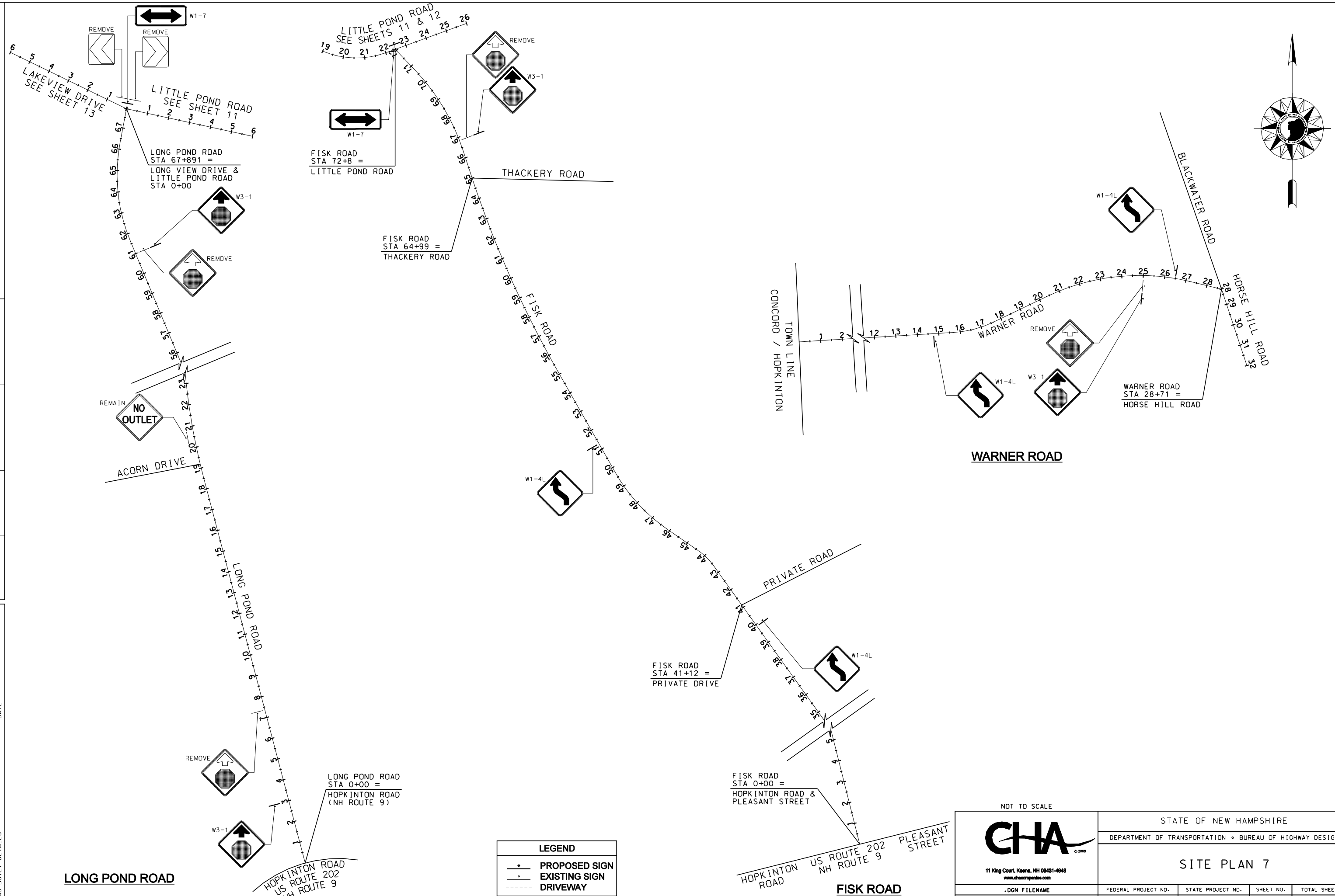
CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION

DATE	NUMBER	DATE	STATION	DESCRIPTION
4/09		4/09		
4/09		6/09		

DATE	DATE	DATE	DATE
4/09	4/09	4/09	4/09

DATE	DATE	DATE	DATE



NOT TO SCALE

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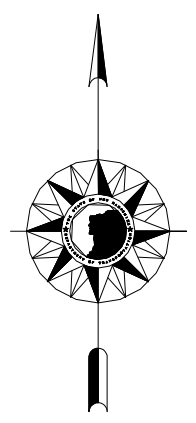
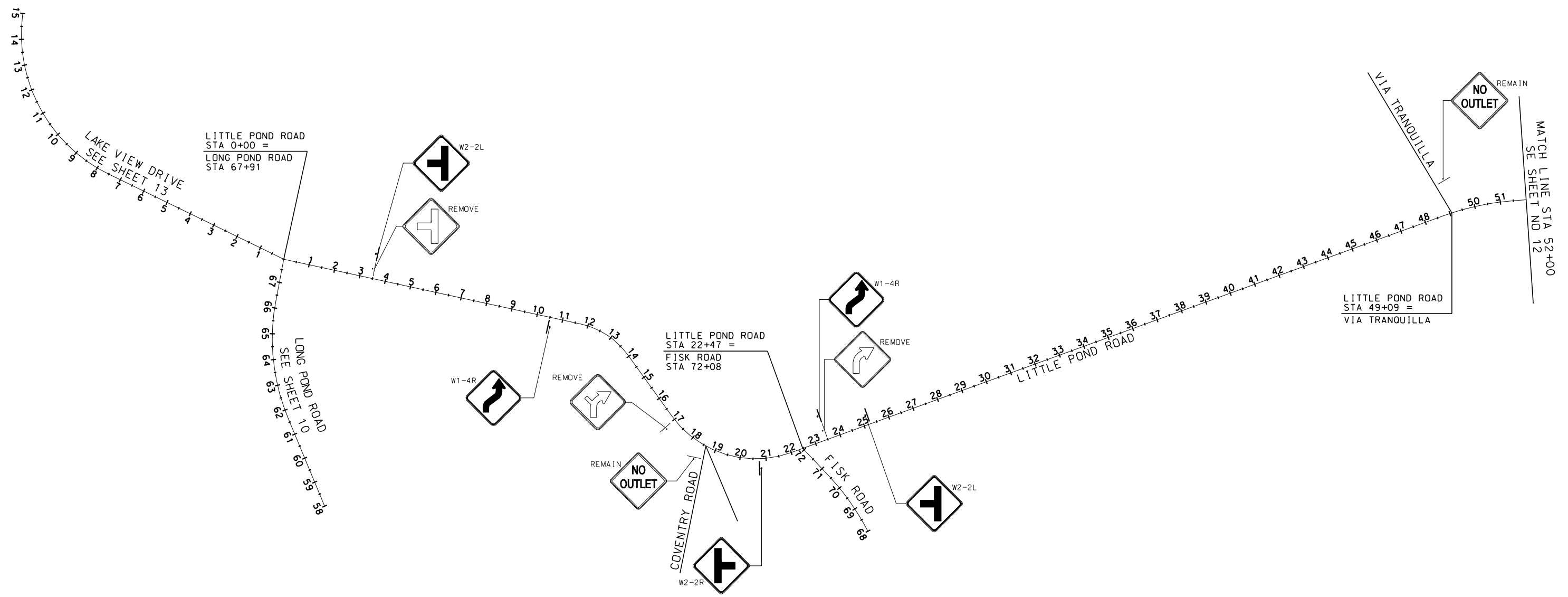
STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 7			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_7		15656	10
			TOTAL SHEETS
			21

CHA PROJ. NO. \$CHA\$

PLOTTED DATED 6/26/2009

FILE NAME: K:\119698\15656\CONCORD\CADD\ASHEET_08.DGN

EXISTING DETAIL	DATE	BY	DESCRIPTION
NEW DESIGN	4/09	M.J.M.	REVISIONS AFTER PROPOSAL
SHEET CHECKED	4/09	C.A.K.	STATION
AS BUILT DETAILS	6/09	R.L.P.	DATE
			NUMBER
			STATION
			DATE
			DESCRIPTION



LITTLE POND ROAD

LEGEND	
•	PROPOSED SIGN
○	EXISTING SIGN
---	DRIVEWAY

NOT TO SCALE

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN

SITE PLAN 8

.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
15656_C SITE PLAN_8		15656	11	21

PLOTTED DATED 6/26/2009

FILE NAME: K:\119698\15656\CONCORD\CADD\ASHEET_09.DGN

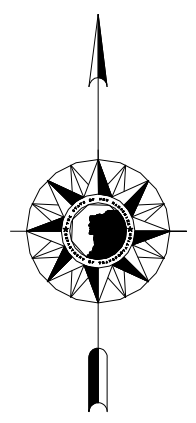
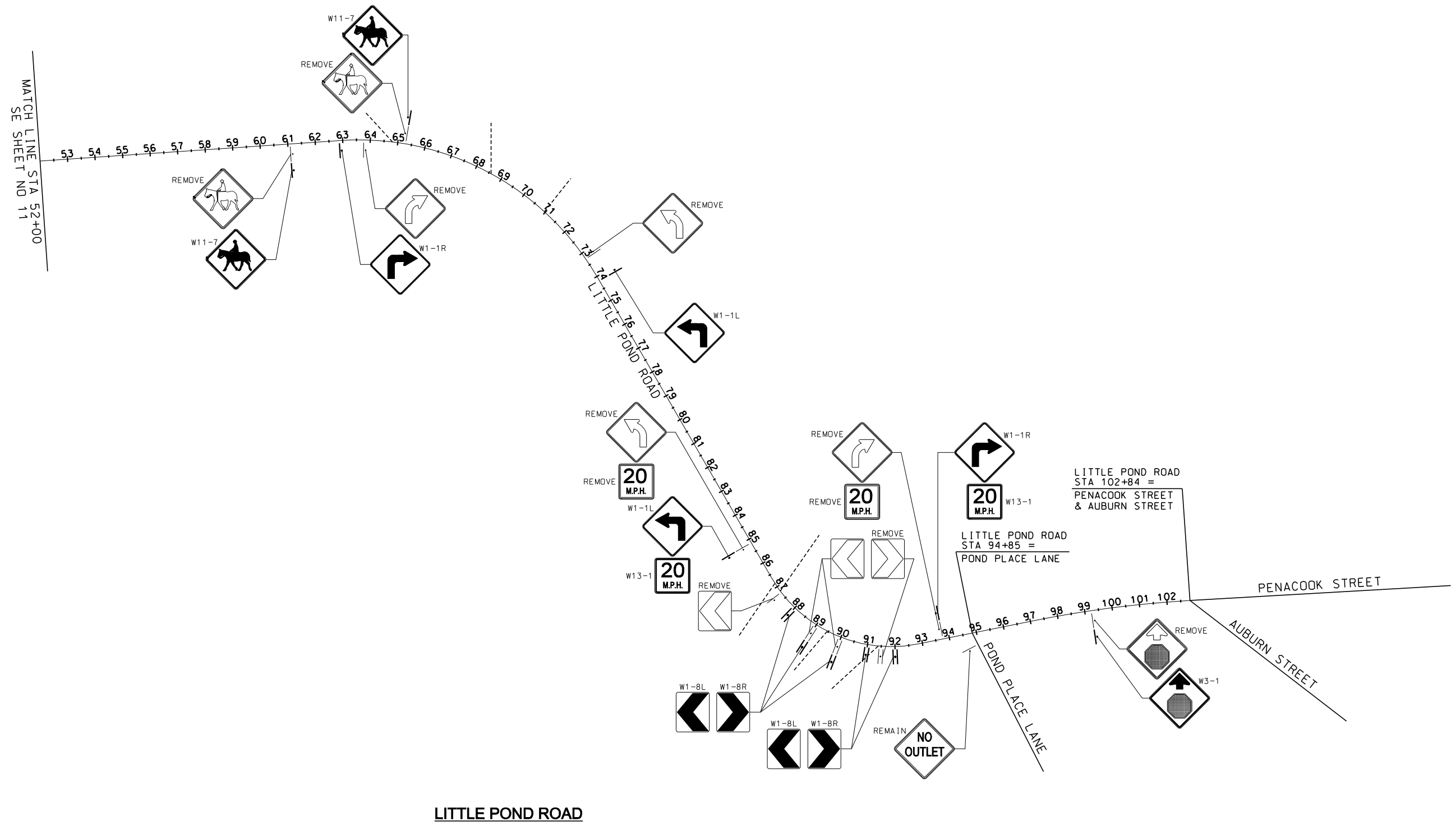
REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION

NUMBER	DATE	STATION	DESCRIPTION

AS BUILT DETAILS

DATE	DATE	DATE	DATE
4/09	4/09	4/09	6/09

EXISTING DETAIL M.J.M.
 NEW DESIGN C.A.K.
 SHEET CHECKED R.L.P.
 AS BUILT DETAILS



LEGEND	
•	PROPOSED SIGN
—•—	EXISTING SIGN
- - -	DRIVEWAY

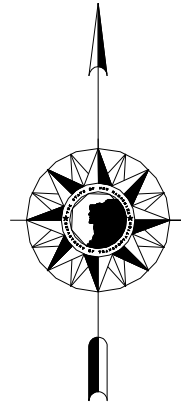
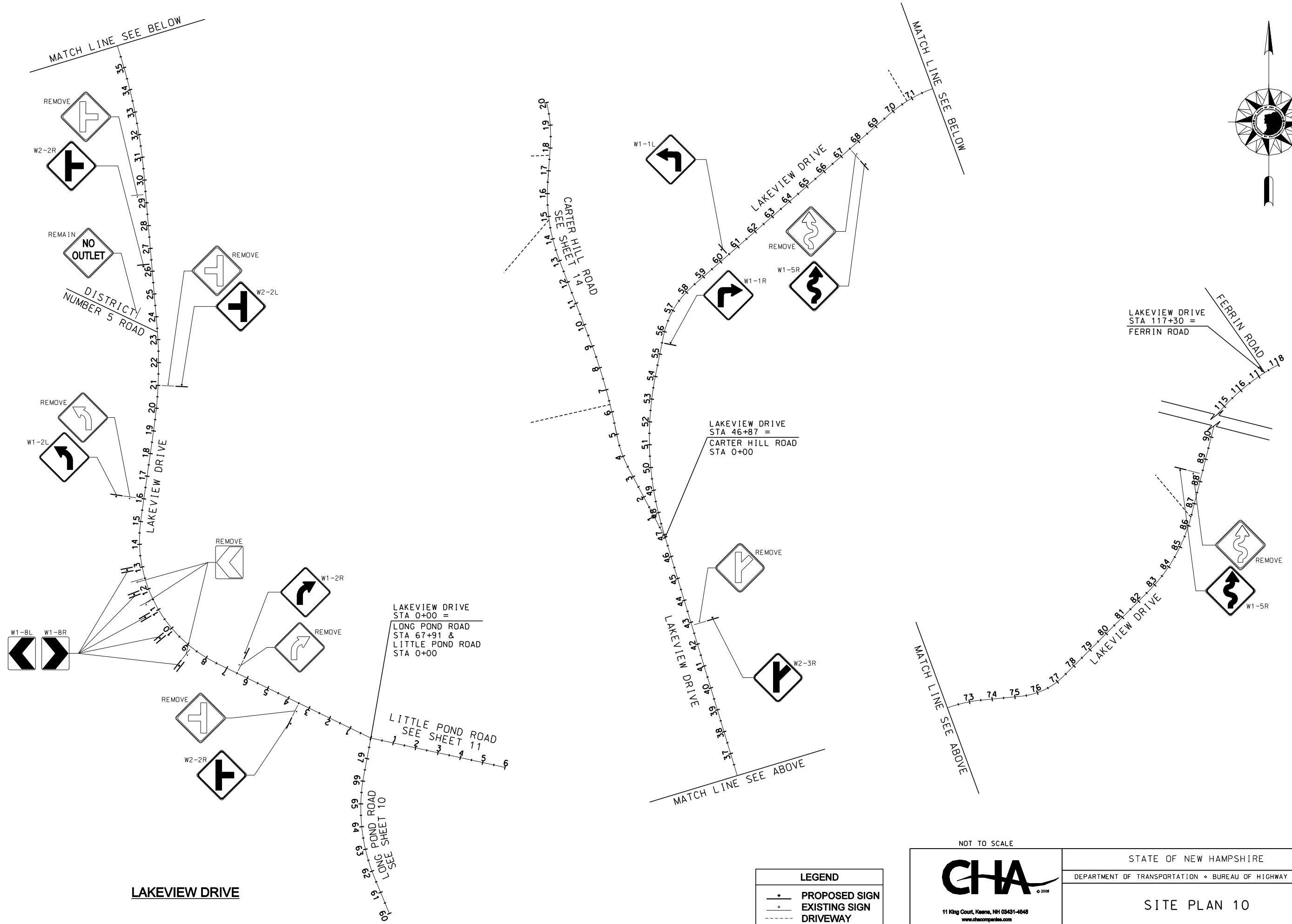
NOT TO SCALE

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	DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 9				
.DCN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
15656_C SITE PLAN_9		15656	12	21

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009


FILE NAME: K:\15656\CONCORD\CADD\SHEET_10.DGN

DATE	DATE	DATE	DATE	DATE	DATE	NUMBER	STATION	STATION	STATION	DESCRIPTION
4/09	4/09	4/09	6/09							
EXISTING DETAIL	NEW DESIGN	SHEET CHECKED	AS BUILT DETAILS							
M.J.M.	C.A.K.	R.L.P.								



LEGEND	
•	PROPOSED SIGN
—	EXISTING SIGN
- - -	DRIVEWAY

NOT TO SCALE



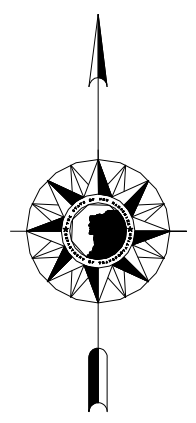
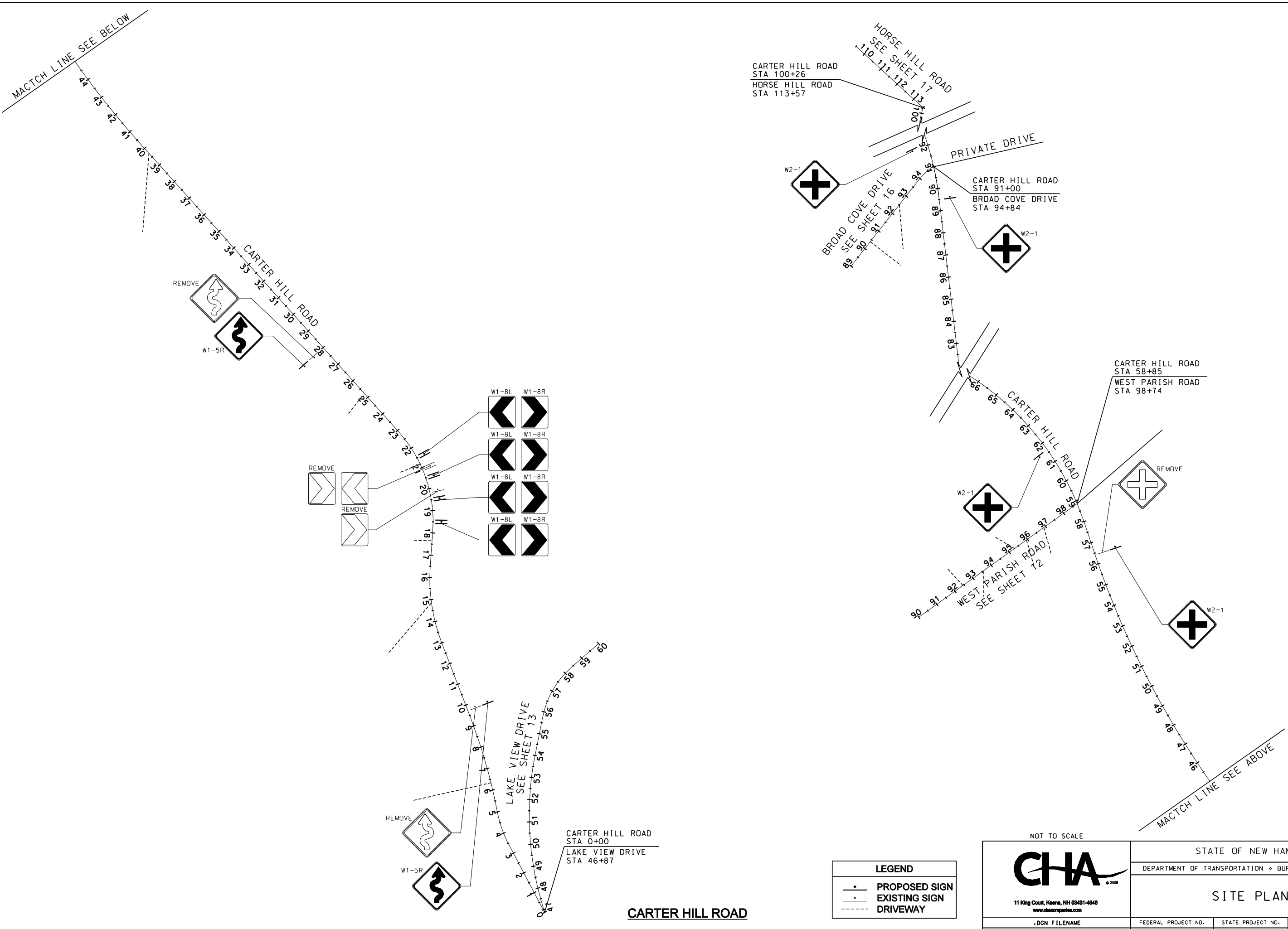
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STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 10			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_10		15656	13
		TOTAL SHEETS	21

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009

EXISTING DETAIL		NEW DESIGN		SHEET CHECKED		AS BUILT DETAILS	
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
4/09	4/09	4/09	4/09	6/09			
M.J.M.	C.A.K.	C.A.K.	R.L.P.				

REVISIONS AFTER PROPOSAL		STATION		DESCRIPTION	
NUMBER	DATE	STATION	STATION	NUMBER	DESCRIPTION



LEGEND	
	PROPOSED SIGN
	EXISTING SIGN
	DRIVEWAY

NOT TO SCALE

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STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 11			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_11		15656	14
		TOTAL SHEETS	21

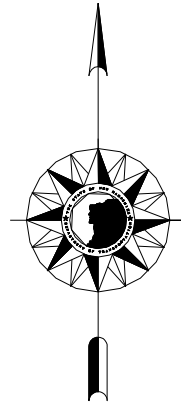
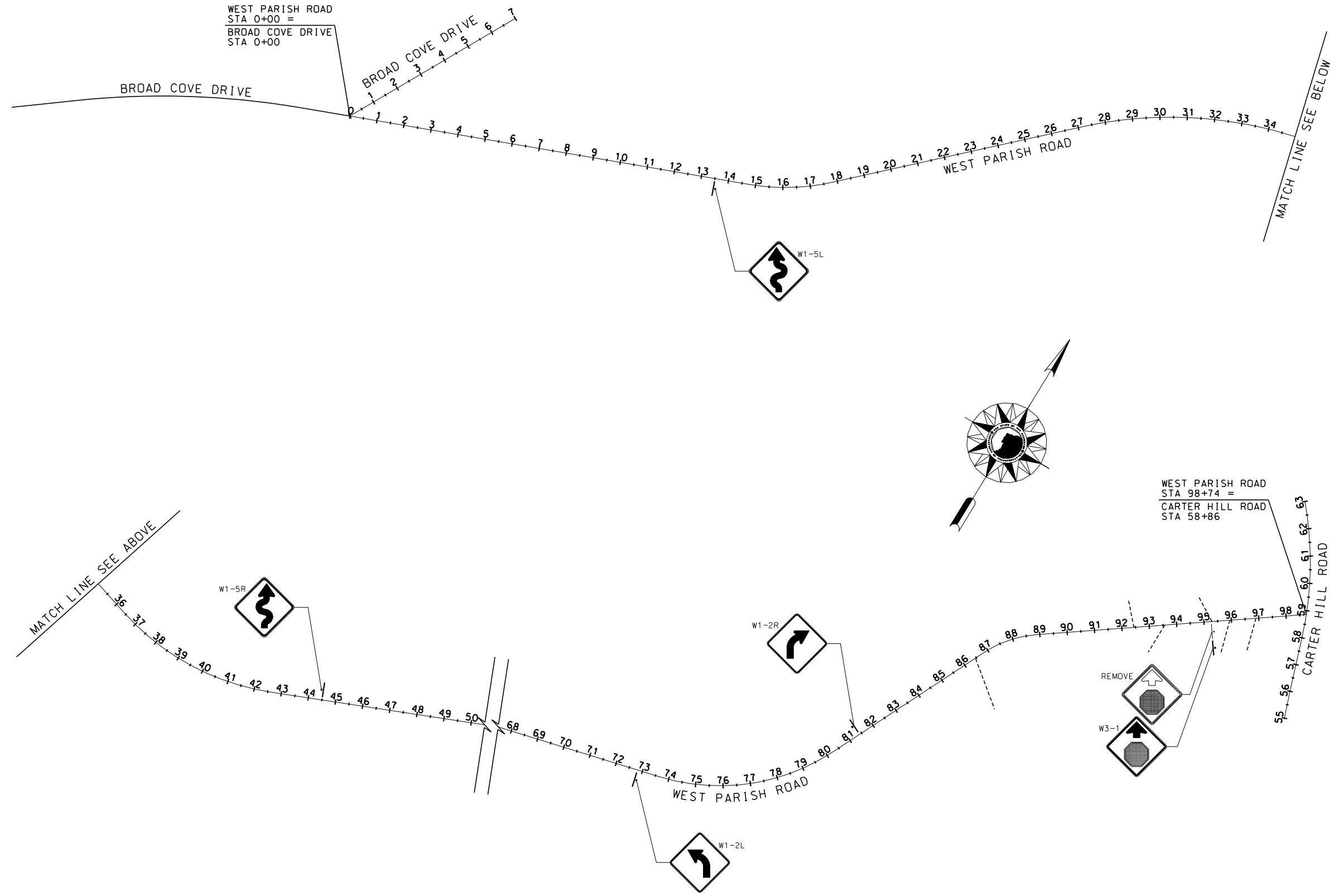
CARTER HILL ROAD

CHA PROJ. NO. \$CHA\$
 PLOTTED DATED 6/26/2009

FILE NAME: K:\15656\CONCORD\CADD\SHEET_12.DGN

REVISIONS AFTER PROPOSAL	STATION	DATE	NUMBER	DESCRIPTION

EXISTING DETAIL	DATE	AS BUILT DETAILS	DATE
M.J.M.	4/09		
C.A.K.	4/09		
R.L.P.	6/09		



WEST PARISH ROAD

LEGEND	
•	PROPOSED SIGN
—	EXISTING SIGN
- - -	DRIVEWAY

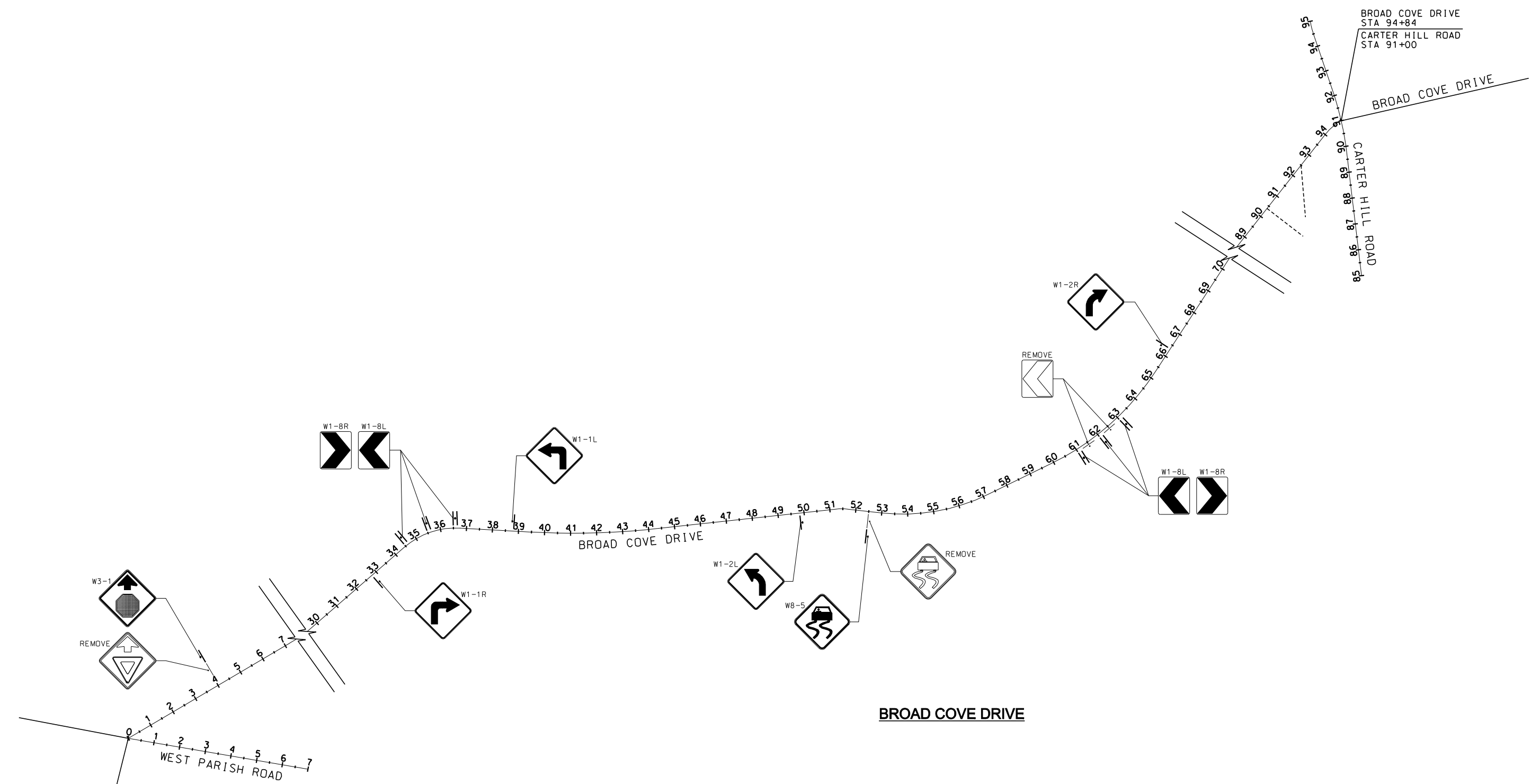
NOT TO SCALE

STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 12			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_12		15656	15
TOTAL SHEETS			21

CHA PROJ. NO. \$CHA\$
PLOTTED DATED 6/26/2009

DATE	DESCRIPTION	STATION
4/09	REVISIONS AFTER PROPOSAL	
4/09		
6/09		

DATE	NUMBER	DATE	STATION




BROAD COVE DRIVE
STA 0+00
WEST PARISH ROAD
STA 0+00

BROAD COVE DRIVE
STA 94+84
CARTER HILL ROAD
STA 91+00

LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- DRIVEWAY

NOT TO SCALE

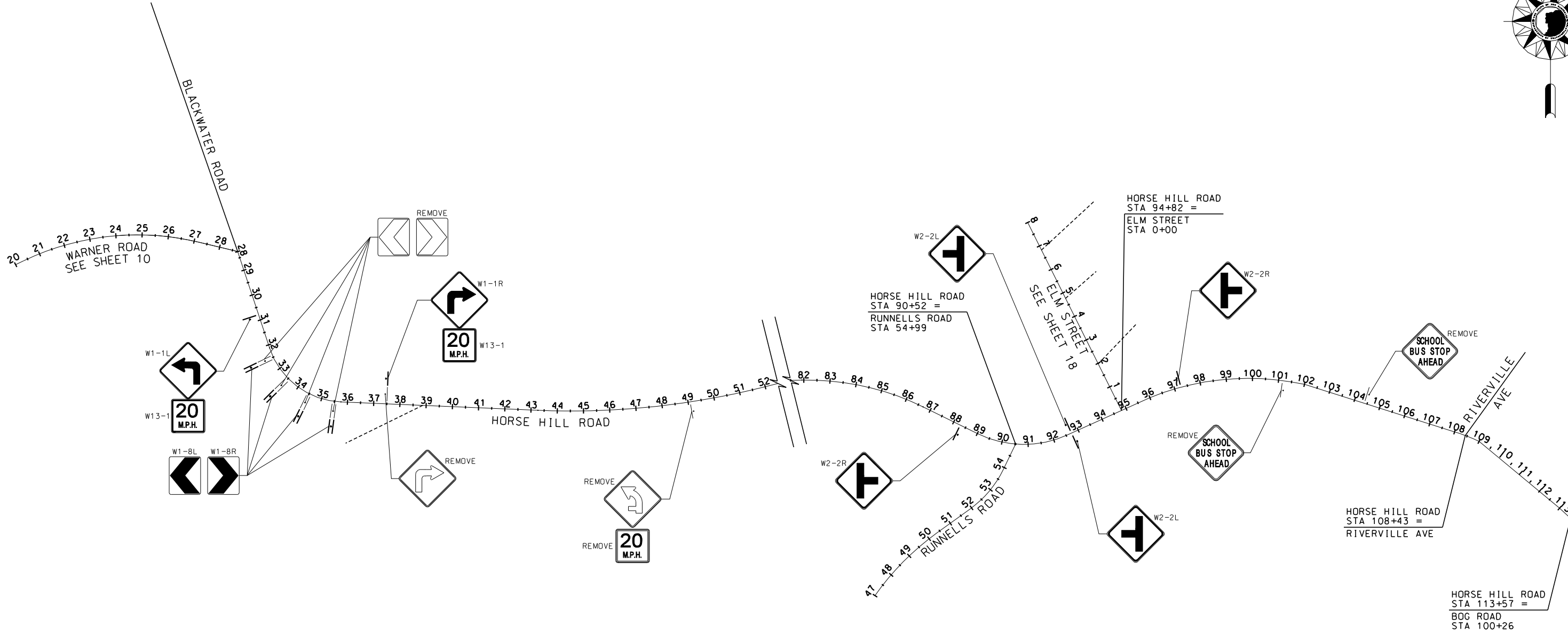
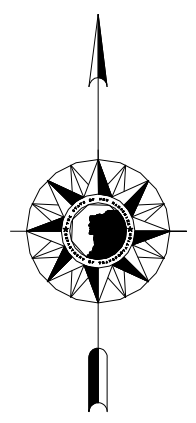


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STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 13			
DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_13		15656	16
		TOTAL SHEETS	21

FILE NAME: K:\1\9698\15656\CONCORD\CADD\SHEET_14.DGN
 PLOTTED DATED 6/26/2009
 CHA PROJ. NO. \$CHA\$

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION



HORSE HILL ROAD

LEGEND	
—•—	PROPOSED SIGN
- - -	EXISTING SIGN
- - -	DRIVEWAY

NOT TO SCALE

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STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SITE PLAN 14			
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.
15656_C SITE PLAN_14		15656	17
TOTAL SHEETS	TOTAL SHEETS		
21	21		

ITEM #	IDENT #	SIGN SIZE		TEXT	TEXT DIMENSIONS			SHIELD SIZE (inch)	ARROW (inch)	NUMERAL (inch)	# SIGNS REQ'D	SIGN AREA (SQ. FT.)		POSTS PER SIGN					REMARKS	ITEM #	IDENT #	SIGN SIZE		TEXT	TEXT DIMENSIONS			SHIELD SIZE (inch)	ARROW (inch)	NUMERAL (inch)	# SIGNS REQ'D	SIGN AREA (SQ. FT.)		POSTS PER SIGN					REMARKS							
		WIDTH (inch)	HEIGHT (inch)		LETTER HEIGHT (inch)	NOM AREA	TOTAL AREA					BREAKAWAY	STEEL I-BEAM	CONCRETE BASE	4" ALUMINUM	U-CHANNEL-GALV.	WIDTH (inch)	HEIGHT (inch)				LETTER HEIGHT (inch)	NOM AREA		TOTAL AREA	BREAKAWAY	STEEL I-BEAM					CONCRETE BASE	4" ALUMINUM	U-CHANNEL-GALV.												
		UC	LC		CAPS												UC	LC				CAPS																								
615.03	W1-1L	30	30								7	6.25	43.75										615.03	W1-8L	18	24									70	3.00	210.00								1	BLACK/YELLOW WITH MOUNTING BRACKET
615.03	W1-1R	30	30								7	6.25	43.75										615.06	W1-8R	18	24									70	3.00	210.00						N/A	BLACK/YELLOW MOUNT WITH WB-1L BACK-TO-BACK ON CHEVRON MOUNTING BRACKET SEE SHEET 21		
615.03	W1-2L	30	30								4	6.25	25.00										615.03	W1-10L	30	30									4	6.25	25.00						1	BLACK/YELLOW		
615.03	W1-2R	30	30								4	6.25	25.00										615.03	W1-10R	30	30									4	6.25	25.00						1	BLACK/YELLOW		
615.03	W1-3L	30	30								12	6.25	75.00										615.03	W2-1	30	30									8	6.25	50.00						1	BLACK/YELLOW		
615.03	W1-4L	30	30								4	6.25	25.00										615.03	W2-2L	30	30									5	6.25	31.25						1	BLACK/YELLOW		
615.03	W1-4R	30	30								2	6.25	12.50										615.03	W2-2R	30	30									5	6.25	31.25						1	BLACK/YELLOW		
615.03	W1-5L	30	30								5	6.25	31.25										615.03	W2-3R	30	30									1	6.25	6.25						1	BLACK/YELLOW		
615.03	W1-5R	30	30								12	6.25	75.00										<p>1. ALL WARNING SIGNS SHALL HAVE TYPE III BACKGROUND SHEETING, UNLESS OTHERWISE SPECIFIED.</p> <p>2. REFER TO THE "STANDARD HIGHWAY SIGNS MANUAL" AS PUBLISHED BY THE USDOT-FHWA FOR EXACT DETAILS OF BORDERS, ETC.</p> <p>3. REFER TO THE "STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION" AS PUBLISHED BY THE NHDOT FOR EXACT DETAILS OF PERMANENT SIGNING STANDARDS.</p> <p>4. THE MINIMUM SIGN HEIGHT FOR A ROADSIDE SIGN IN A RURAL DISTRICT SHALL BE INCREASED FROM 5 FEET TO 6 FEET. ALL OTHER SIGN HEIGHTS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.</p>																							
615.03	W1-7	48	24								3	8.00	24.00																																	

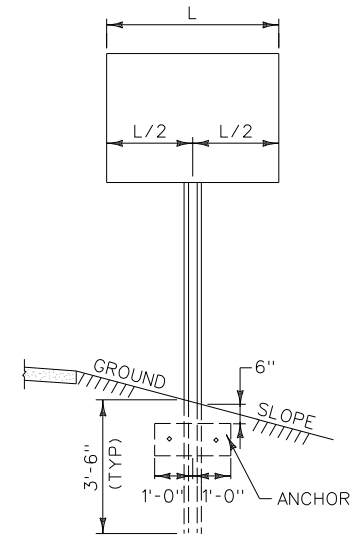
11 King Court, Keene, NH 03431-4648
www.chacompanies.com

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SIGN TEXT LAYOUT 1

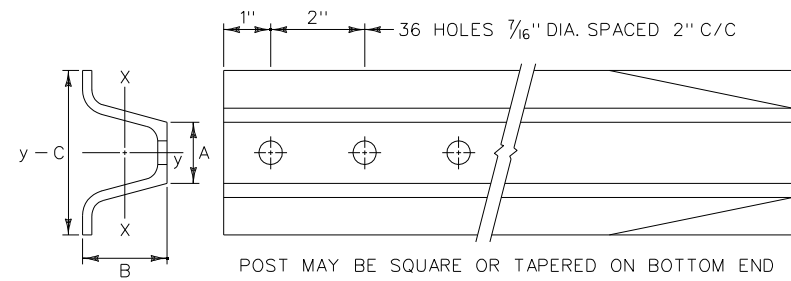
.DGN FILENAME	FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
15656_C SIGN TEXT LAYOUT_1		15656	19	21

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NOTES:

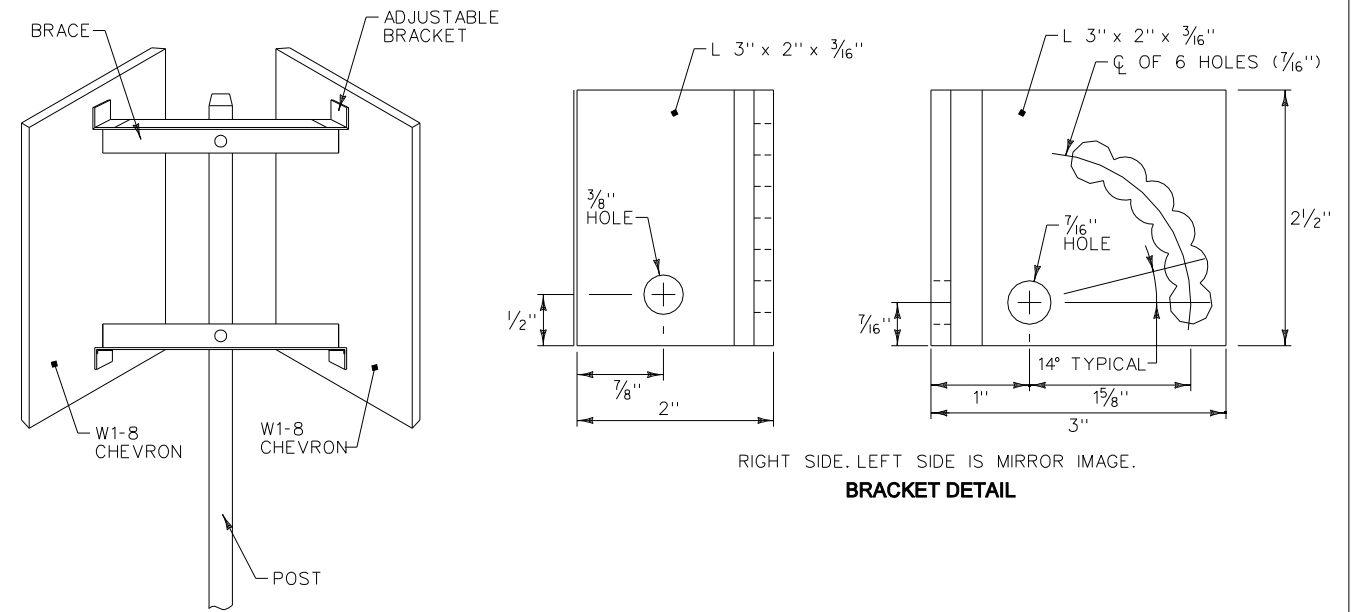
1. CONSTRUCTION METHODS - POSTS MAY BE DRIVEN OR SET IN A DUG HOLE AND BACKFILLED. IF DRIVEN, A DRIVING CAP SHALL BE USED. THE DUG HOLE INSTALLTION SHALL BE USED IN AREAS OF POOR SOIL CONDITIONS OR AS DIRECTED BY THE RESIDENT ENGINEER. BACKFILL SHALL BE COMPACTED AS DIRECTED BY THE RESIDENT ENGINEER.
2. IN AREAS WHERE LEDGE ROCK IS ENCOUNTERED, POSTS WILL BE SET IN A HOLE WITH 2" CLEARANCE AND GROUTED 24" BELOW THE SURFACE OF THE SOLID ROCK, UNLESS THE POSTS PENETRATE THE GROUND A MINIMUM OF 3'-6". THE PORTION OF THE POST IN CONTACT WITH THE MORTAR SHALL BE COATED WITH AN APPROVED COATING.
3. WHEN USING FLANGED CHANNEL POSTS ON STEEP SLOPES (2:1 OR STEEPER FILL SLOPES BEHIND GUARDRAIL), ADD 2' EMBEDMENT TO THE POST LENGTH TO GIVE THE ASSEMBLY MORE STABILITY. HOWEVER IF SIGN POST IS LOCATED INSIDE THE DEFLECTION DISTANCE, THE SIGN POST SHALL BE SET AT A DEPTH OF 3' - 6".
4. POSTS SHALL BE PAINTED GREEN.



POST SIZE (LB/FT.)	DIMENSIONS			SECTION MODULUS, X-X
	A	B	C	
3	1 5/16"	1 7/8"	3 1/2"	0.403 IN ³

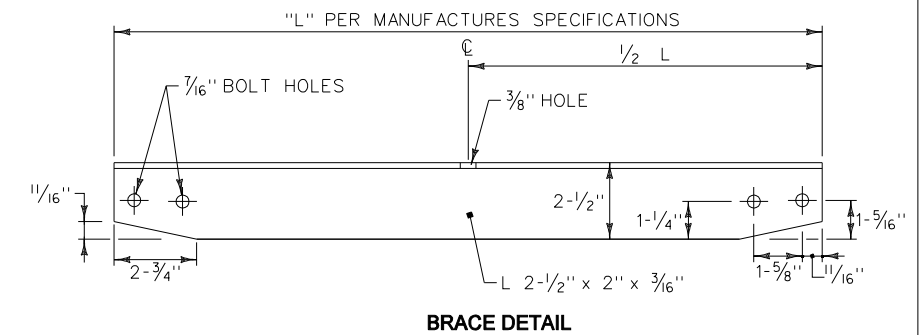
SIMILAR DIMENSIONS ARE ACCEPTABLE, HOWEVER SECTION MODULUS VALUES SHALL NOT BE EXCEEDED.

U-CHANNEL SIGN POST DETAILS



BACK VIEW OF CHEVRON INSTALLATION

BRACKET DETAIL



BRACE DETAIL

NOTES:

1. THE CHEVRONS SHOULD BE ATTACHED TO THE ADJUSTABLE BRACKET AT AN ANGLE SO HEADLIGHT BEAMS ARE NOT REFLECTED BACK INTO THE DRIVER'S EYE. TRIAL RUNS AT NIGHT MAY BE DESIRABLE TO DETERMINE FINAL POSITIONING.
2. THE ADJUSTABLE BRACKET SHALL BE FURNISHED IN ALL ALUMINUM OR ALL GALVANIZED STEEL PRODUCTS. ALL BOLTS SHALL INCLUDE LOCKING DEVICES.
3. THE PRICE BID FOR INSTALLING W1-8 CHEVRON SIGNS, ITEM 615.03 SHALL INCLUDE FURNISHING AND INSTALLING THE POST, APPROVED MOUNTING BRACKET ASSEMBLY, CHEVRONS AND ALL WORK NECESSARY TO INSTALL AS SHOWN.

W1-8 CHEVRON MOUTING DETAILS



11 King Court, Keene, NH 03431-4848
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.DGN FILENAME
 15656_C MSD

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MISCELLANEOUS SIGN DETAILS

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	15656	21	21