

COMPUTED BY: MRT DATE: 2-6-2008
 CHECKED BY: GSD DATE: 4-5-2008

PROJECT REFERENCE NO. R-4425 SHEET NO. CHAT-2

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

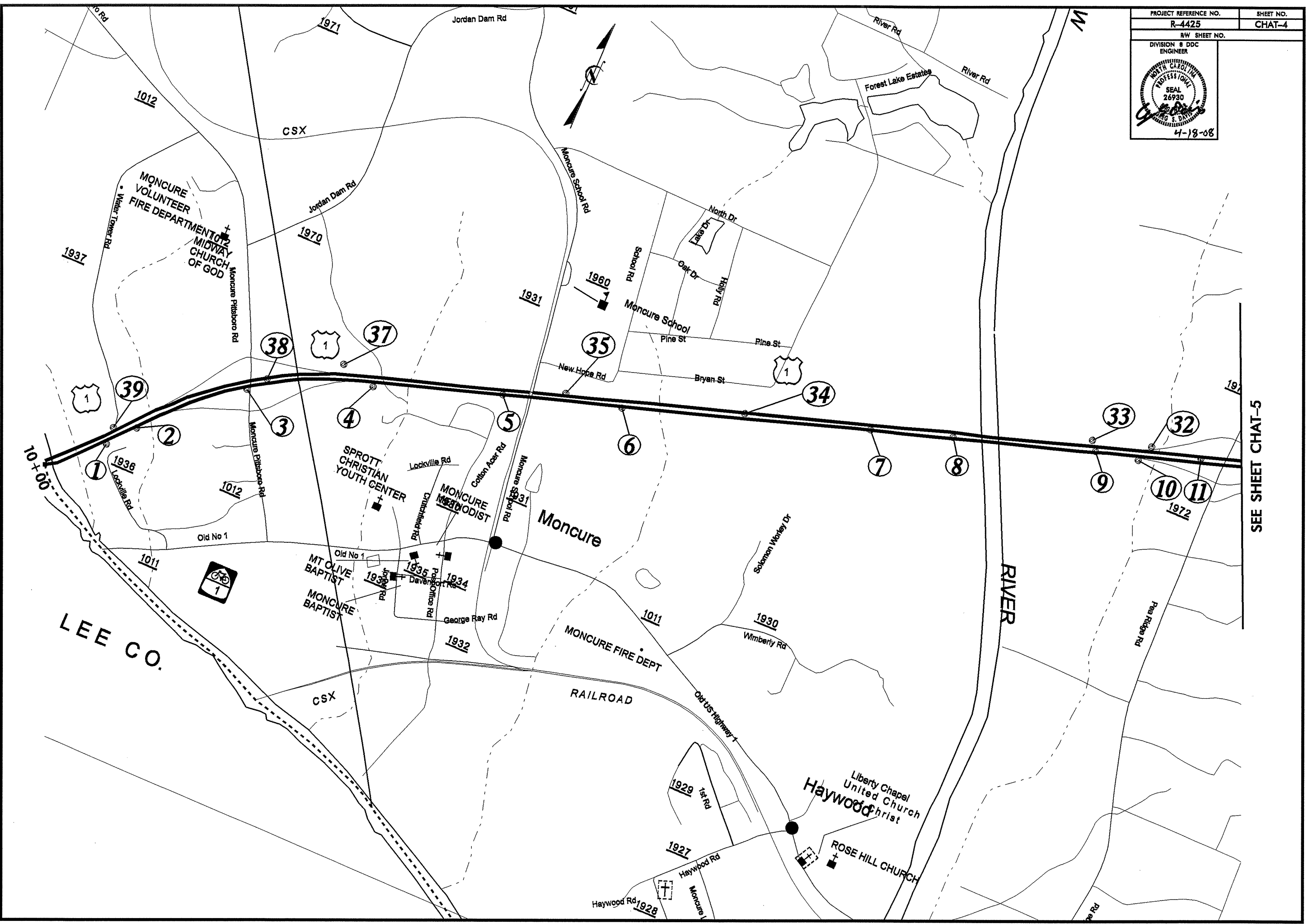
GUARDRAIL SUMMARY

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL
 TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
 FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL
 W = TOTAL WIDTH OF FLARE FROM BEGIN

G = GATING IMPACT ATTENUATOR TYPE 350
 NG = NON-GATING IMPACT ATTENUATOR TYPE 350

Location (CHATHAM Co.)	Field Reference	LENGTH				"N" DIST. FROM E.O.L.	TOTAL SHOUL- WIDTH	FLARE LENGTH		W		ANCHORS							IMPACT ATTENUATOR TYPE 350		REPLACE OFFSET BLOCKS	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS			
		STRAIGHT	SHOP CURVED	TRIPLE CORRUGATED				APPROACH END	TRAILING END	APPROACH END	TRAILING END	Type III MOD	B-77	B-83	M-350	GRAU 350	CAT-1	AT-1							G	NG	
US 421 NB																											
#41	US 421nc02																										
Outside Approach																											Replace Struct. Anchor Unit
Median Approach																											Replace Struct. Anchor Unit
Median Trail																											Replace Struct. Anchor Unit and End Unit
Outside Trail																								43.75			Replace Struct. Anchor Unit
#42	US 421nc03	12.5																						12.5			Replace End Units on Trail & Damaged Rail
#43	US 421nc04																										
Outside Approach		12.5																									Replace Struct. Anchor Unit
Median Approach																											Replace Struct. Anchor Unit
Median Trail																											Replace Struct. Anchor Unit
Outside Trail																											Replace Struct. Anchor Unit and End Unit
#45	US 421nc06																										Replace End Unit on Trail
#48	US 421nc09																										Replace End Units
#51	US 421nc12																										Replace Struct. Anchor Units and Outside Trail End Unit
#52	US 421nc13	25																									Replace End Unit on Median Trail, damaged GR.
#53	US 421nc14	25																									Replace End Unit on Approach
#55	US 421nc15																										Replace End Unit on Approach
																											Replace Structural Anchor Unit and End Unit
																											Replace Structural Anchor Unit
US421 SB																											
#58	US 421sc03																										Replace End Units on Trail Sections
#59	US 421sc04	25																						25			Replace End Units on Trail Sections, damaged GR
#60	US 421sc05																										Replace Anchor Units on Approach
#61	US 421sc06																										Replace End Units on Trail Sections
#62	US 421sc07	25																									Replace End Units on Trail Sections
#63	US 421sc08																										Replace End Unit on Trail
#65	US 421sc10																										Replace End Unit on Trail
#66	US 421sc11																										Replace End Unit on Trail
#67	US 421sc12																										Replace End Unit on Trail
#68	US 421sc13																										Replace End Unit on Trail.
#70	US 421sc15	12.5																									Replace End Unit on Trail End, damaged GR
#72	US 421sc17																										Replace Struct. Anchor Units (B-83 on Outside Approach)
#73	US 421sc18																										Replace End Unit on Trail
#74	US 421sc19																										Replace End Unit on Trail End
#75	US421sc20																										Replace Anchor Units on Approachs
#76	US421sc21	12.5																									Replace damaged GR
US 421 Total		150																									

PROJECT REFERENCE NO. R-4425	SHEET NO. CHAT-4
DIVISION 8 DDC ENGINEER	



REVISIONS

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 18-APR-2008 13:42
 Dr: PDR-R-4425-CHAT-4.dwg
 Author: J. Thomas

PROJECT REFERENCE NO. R-4425	SHEET NO. CHAT-5
RW SHEET NO.	
DIVISION 8 DDC ENGINEER	

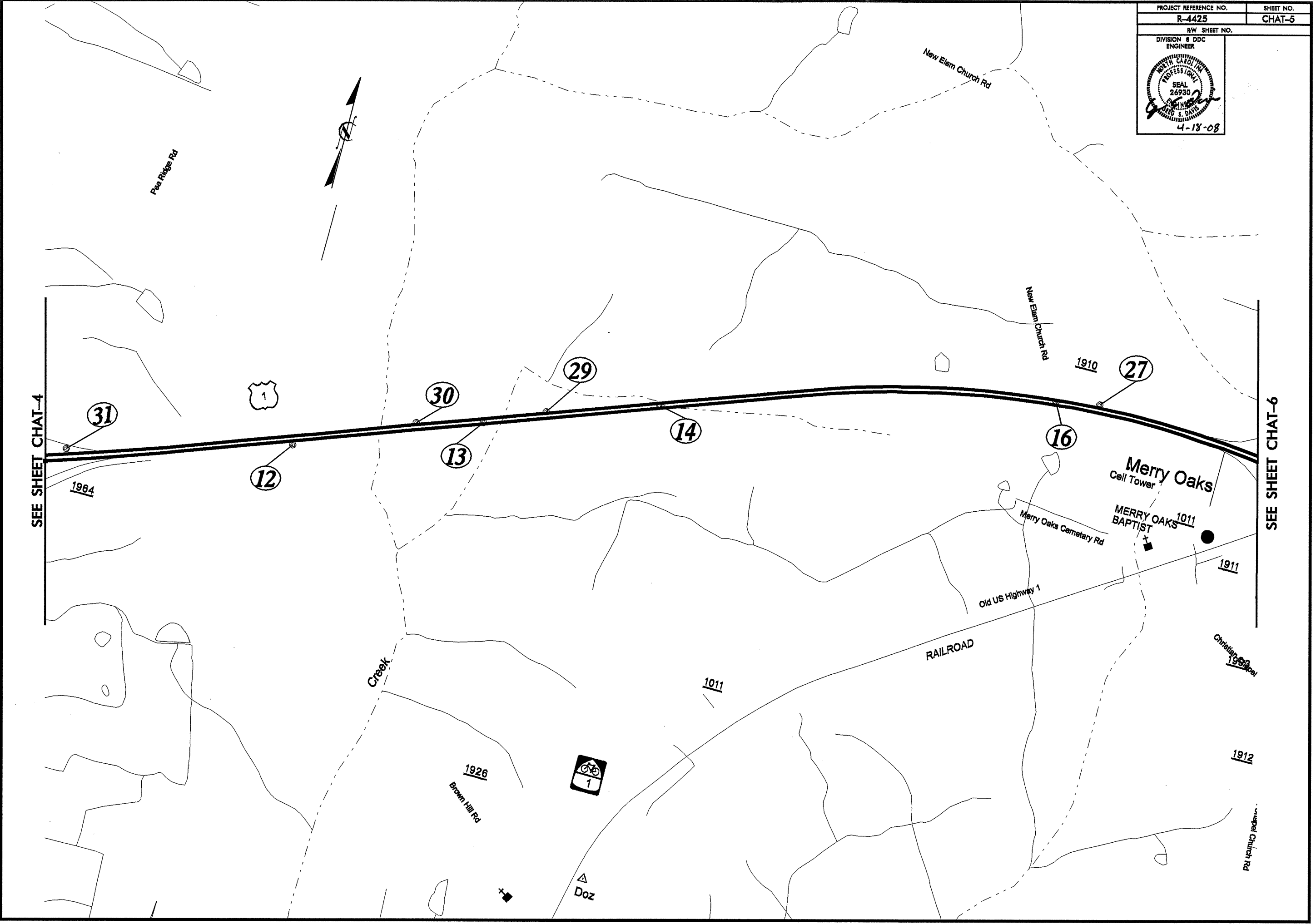
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SEE SHEET CHAT-6

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PROJECT REFERENCE NO. R-4425	SHEET NO. CHAT-7
RW SHEET NO.	
DIVISION 8 DDC ENGINEER	

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PROJECT REFERENCE NO.	SHEET NO.
R-4425	CHAT-9
RW SHEET NO.	
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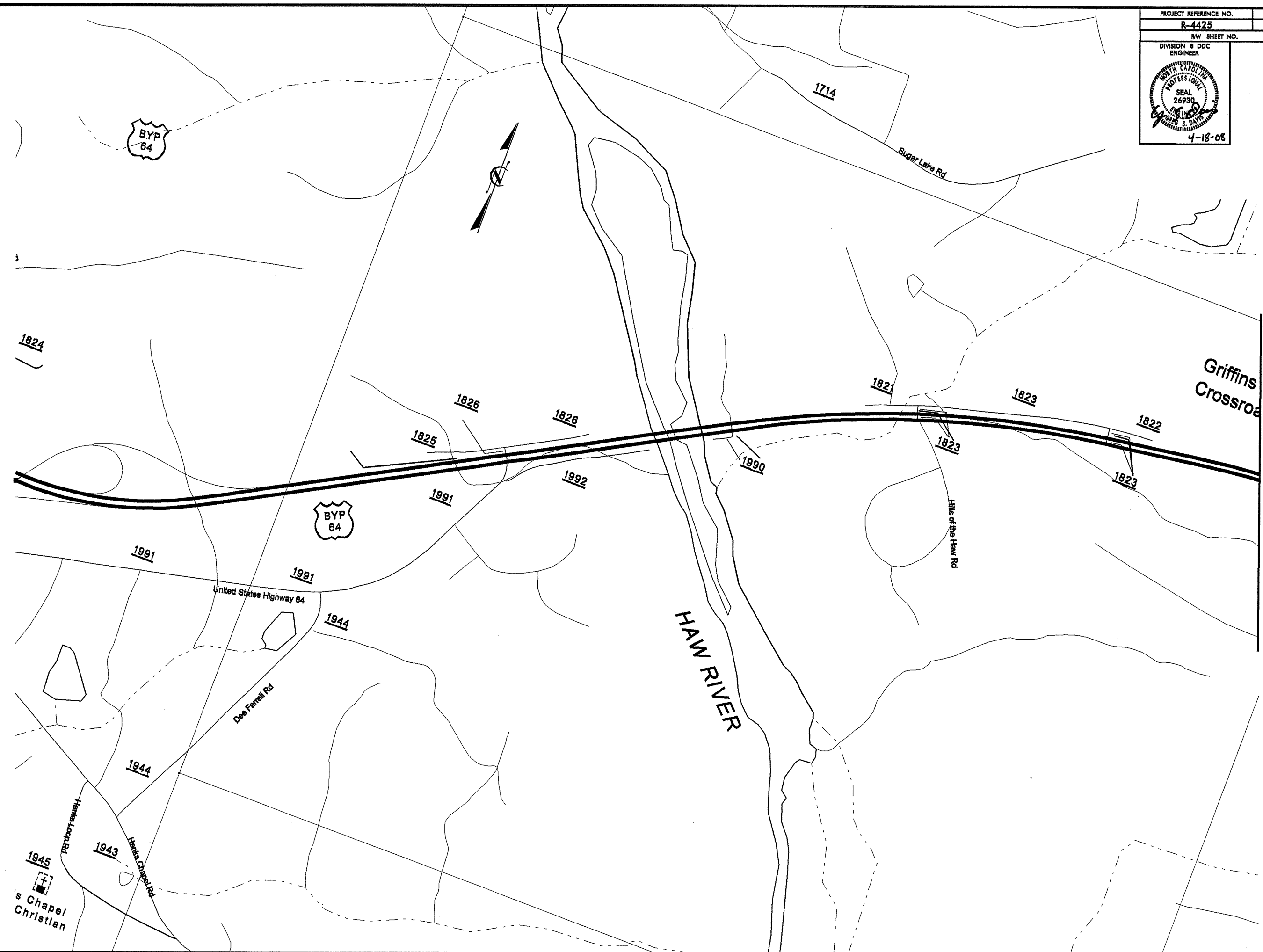


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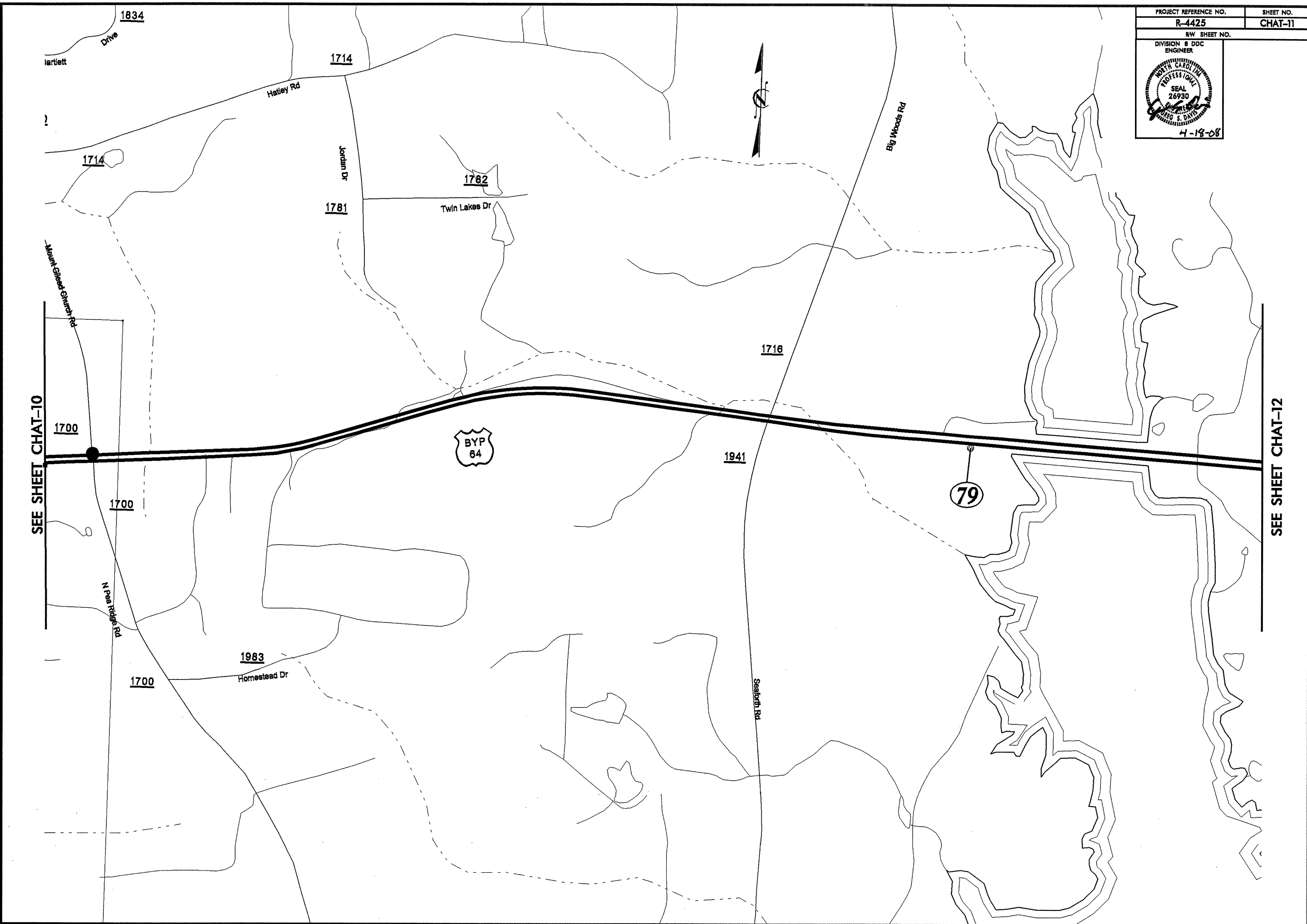
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PROJECT REFERENCE NO. R-4425	SHEET NO. CHAT-11
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R/W SHEET NO.	
DIVISION 8 DDC ENGINEER	



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WAKE CO.

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