

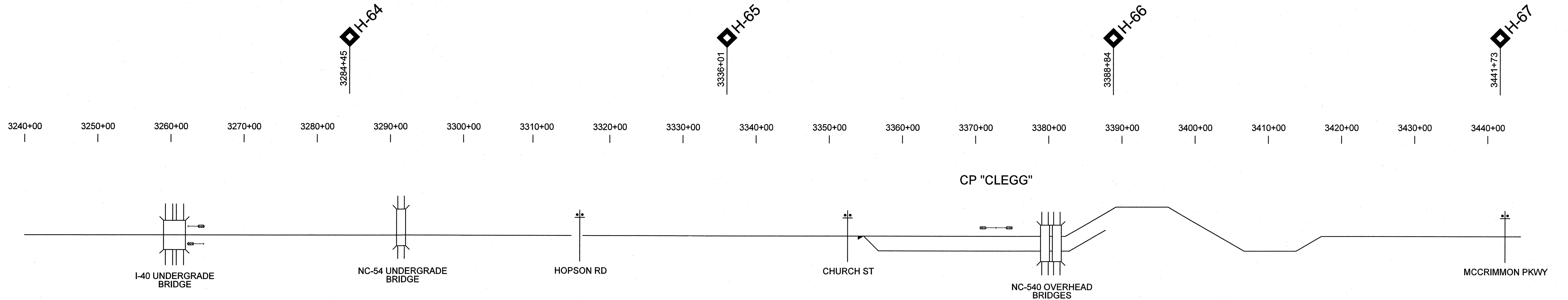
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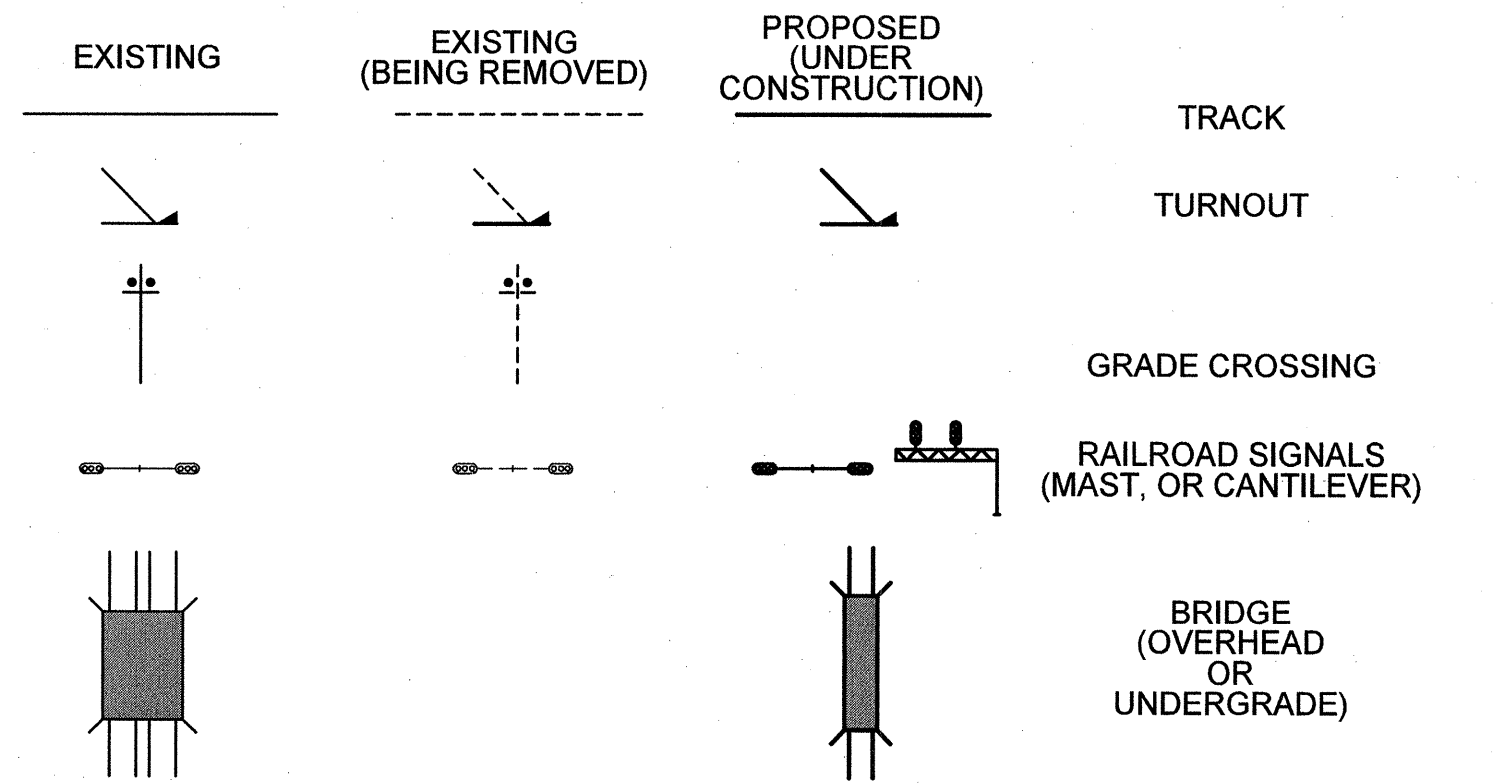
RALEIGH

NOT IN CONTRACT

THESE PLANS ARE PROVIDED TO THE NCDOT CONTRACTOR TO PROVIDE CONTEXT FOR COORDINATION WITH NORFOLK SOUTHERN AND ITS CONTRACTOR.

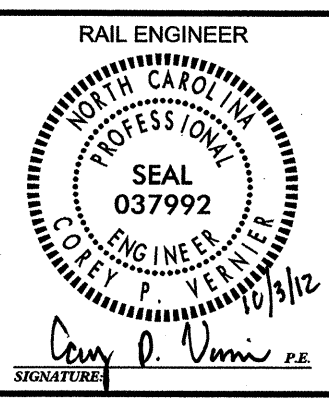


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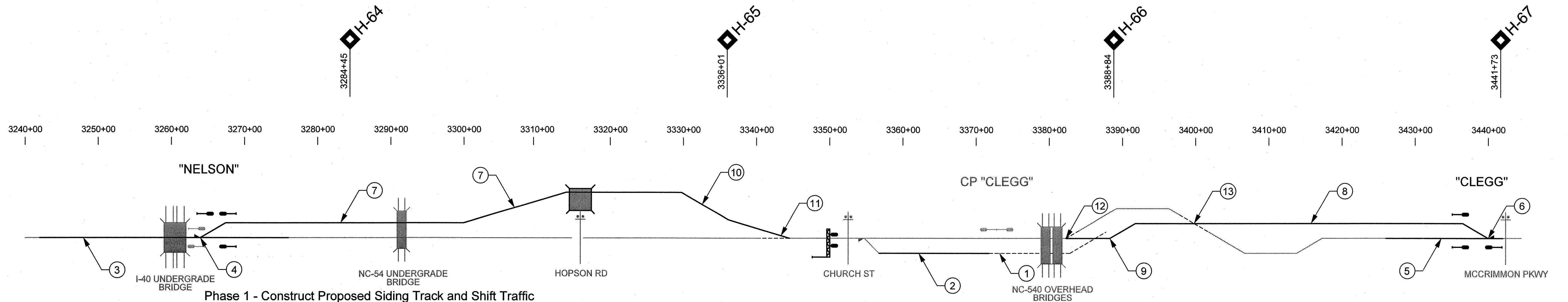


NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
RAIL DIVISION
 PREPARED BY: **HNTB**
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

PROJECT	U-4716 A/C CLEGG PASSING SIDING & HOPSON RD. GRADE SEPARATION		
TITLE	TRACK CONSTRUCTION PHASING - EXISTING CONDITIONS FOR REFERENCE ONLY		
LOCATION	CP "NELSON" TO CP "CLEGG"	MILE POST	H-63.2 TO H-67.0
DGN BY	CPV	RAILROAD	NS /NCRR
DWN BY	VBB	VAL SEC	V-24 /16-17
CHK BY	RJB	DATE	1003/12
		SCALE	
		DRAWING	CP-01
		SHEET	OF

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THESE PLANS ARE PROVIDED TO THE NCDOT CONTRACTOR TO PROVIDE CONTEXT FOR COORDINATION WITH NORFOLK SOUTHERN AND ITS CONTRACTOR.



Phase 1 - Construct Proposed Siding Track and Shift Traffic

1. NS prepares existing Clegg Maintenance-of-Way track for removal by NCDOT contractor Sta. 3357+50 to 3388+10.

NCDOT contractor completes ICT 1.

2. Construct proposed main track Sta. 3357+50 to Sta. 3372+00 to use as an auxiliary track during construction.

3. Line and surface existing main track onto new alignment Sta. 3242+00 to Sta. 3276+98. Ballast pad to be constructed by track contractor prior to track shift.

4. Remove existing main track Sta. 3263+26 to Sta. 3268+67. Construct asphalt underlayment, concrete tie track, and concrete tie transition track from Sta. 3263+26 to Sta. 3268+67 including No. 24 LH turnout at PS Sta. 3264+51.

5. Surface existing main track 3426+00 to Sta. 3441+98.

6. Remove existing main track Sta. 3436+03 to Sta. 3441+43. Construct asphalt underlayment, concrete tie track, and concrete tie transition track from Sta. 3436+03 to Sta. 3441+43 including No. 24 RH turnout at PS Sta. 3440+18.

Proposed home signals at CP "Nelson", CP "Clegg" and intermediate signals west of Church St. to be installed by NS. Cut over to new signal system to occur prior to the following steps.

7. Construct proposed siding track on permanent and temporary alignment Sta. 3267+41 to Sta. 3311+00.

8. Construct proposed siding track Sta. 3403+00 to Sta. 3437+17.

9. Construct proposed siding track Sta. 3385+50 to Sta. 3401+00.

NCDOT contractor completes bridge over Hopson Rd and remaining roadbed work except for removal of erosion control devices. Steps 8 and 9 will require the NCDOT contractor to complete the railroad roadbed in those areas prior to track construction.

10. Construct proposed siding track on permanent and temporary alignment Sta. 3311+00 to Sta. 3341+00 (with 1.5" of superelevation temporarily).

The following steps are to occur in the same track outage.

11. Cut and throw existing main track into siding alignment Sta. 3341+00 to Sta. 3345+10.

12. Cut and throw existing main track into proposed siding track Sta. 3380+30 to Sta. 3385+50.

13. Remove existing main track Sta. 3401+00 to Sta. 3403+00 and construct proposed siding track Sta. 3401+00 to Sta. 3403+00.

At the end of this outage, trains will operate on the proposed siding track between CP "Nelson" and CP "Clegg" over the new Hopson Rd bridge.

The following steps may be started during this phase but do not need to be completed by the end of this phase:

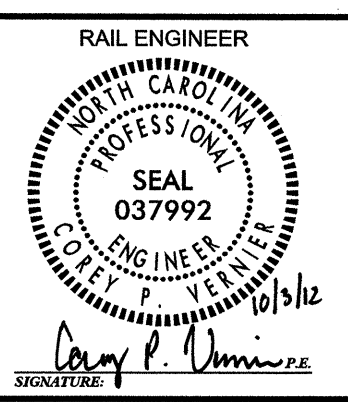
Construct proposed main track Sta. 3372+00 to Sta. 3401+00.

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EXISTING	EXISTING (BEING REMOVED)	PROPOSED (UNDER CONSTRUCTION)	
			TRACK
			TURNOUT
			GRADE CROSSING
			RAILROAD SIGNALS (MAST, OR CANTILEVER)
			BRIDGE (OVERHEAD OR UNDERGRADE)

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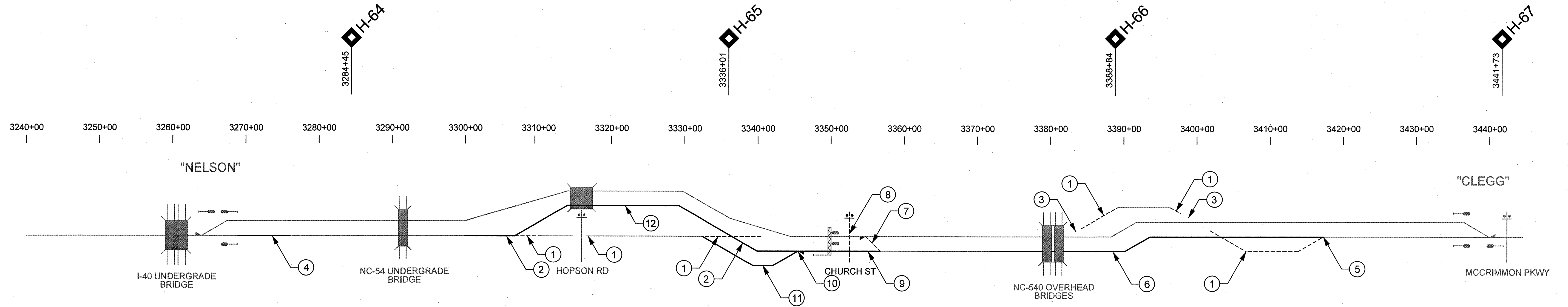
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
RAIL DIVISION

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
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PROJECT	U-4716 AC CLEGG PASSING SIDING & HOPSON RD. GRADE SEPARATION		
TITLE	TRACK CONSTRUCTION PHASING - PHASE 1 FOR REFERENCE ONLY		
LOCATION	CP "NELSON" TO CP "CLEGG"	MILE POST	H-63.2 TO H-67.0
DGN BY	CPV	RAILROAD	NS / NCRR
DWN BY	VBB	VAL SEC	V-24 /16-17
CHK BY	RJB	DATE	1003/12
		SCALE	
		SHEET	OF

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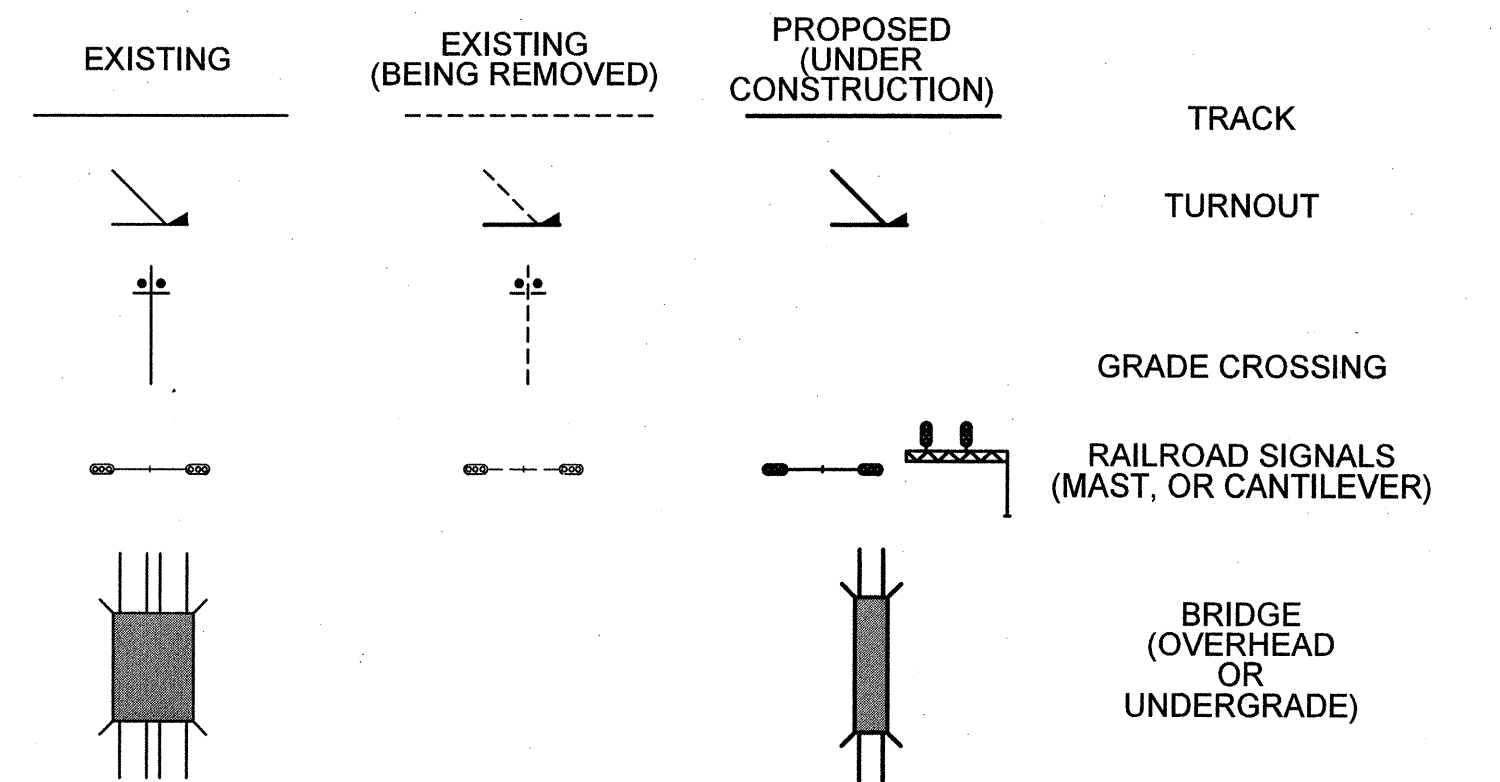


Phase 2 - Construct Proposed Main Track and Shift Traffic

1. Remove existing main track:
Sta. 3300+50 to Sta. 3311+50
Sta. 3315+00 to Sta. 3316+80
Sta. 3335+30 to Sta. 3340+00
Sta. 3385+50 to Sta. 3392+50
Sta. 3397+00 to Sta. 3401+00
Sta. 3403+00 to Sta. 3415+30
 2. Complete grading of railroad roadbed Sta. 3300+50 to Sta. 3311+50 and Sta. 3336+00 to Sta. 3340+00.
 3. Cut typical ditches through the existing railroad roadbed Sta. 3386+00 LT to Sta. 3389+00 LT and Sta. 3399+00 LT to Sta. 3402+00 LT.
 4. Replace existing wood ties with concrete ties and concrete transition ties Sta. 3268+67 to Sta. 3276+98.
 5. Cut and throw existing main track into proposed main track Sta. 3415+30 to Sta. 3419+86.
 6. Construct proposed main track Sta. 3372+00 to Sta. 3401+00.
 7. Remove existing No. 10 RH turnout at PS Sta. 3354+49 and existing Clegg Maintenance of Way track from Sta. 3356+00 to Sta. 3357+50.
- Hopson Rd grade crossing to be closed and removed during or prior to closure and removal of Church St. grade crossing to allow the proposed main track to be constructed (as shown in phase 2 of the U-4716B traffic management plans).
8. Cut typical ditch through the removed Church St grade crossing (LT).
 9. Construct proposed main track Sta. 3345+59 to Sta. 3357+50. Complete construction of proposed main track Sta. 3357+50 to Sta. 3372+00.
 10. Install proposed No. 10 LH turnout at main PS Sta. 3345+59.
 11. Construct proposed maintenance-of-way (MOW) track Sta. 3334+16 to Sta. 3344+48.
 12. Construct proposed main track Sta. 3298+97 to Sta. 3344+48.

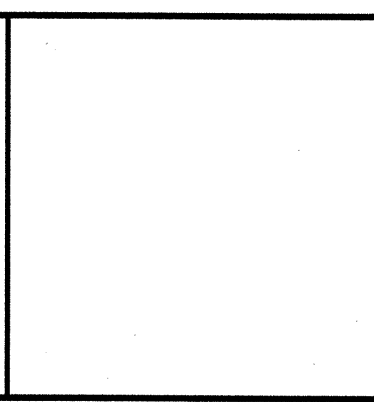
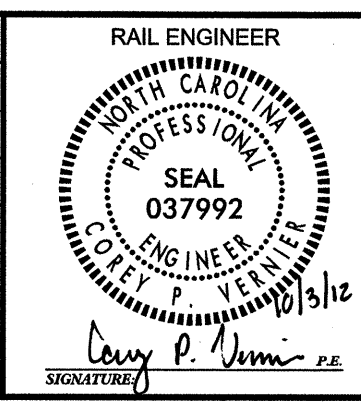
At the end of this phase, trains will operate on the proposed main track between CP "Nelson" and CP "Clegg".

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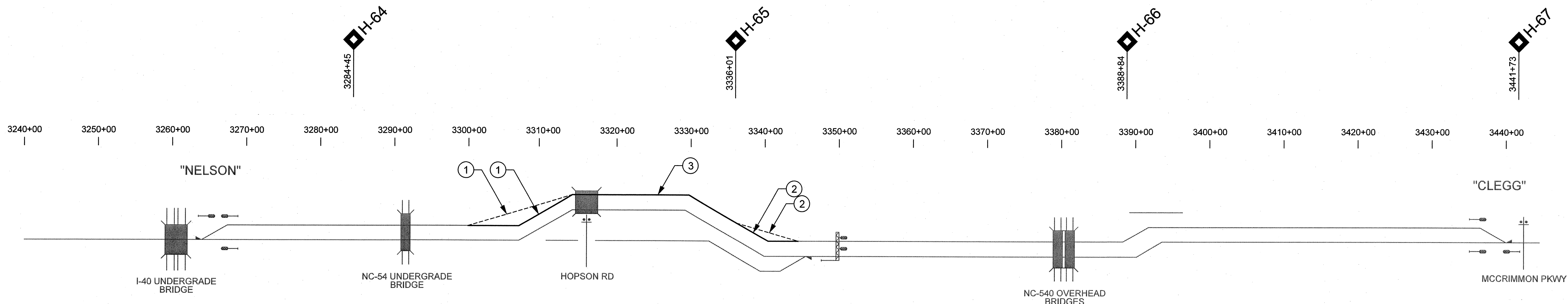
RAIL DIVISION

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PROJECT U-4716 A/C CLEGG PASSING SIDING & HOPSON RD. GRADE SEPARATION		MILE POST H-63.2 TO H-67.0	
TITLE TRACK CONSTRUCTION PHASING - PHASE 2 FOR REFERENCE ONLY			
LOCATION CP "NELSON" TO CP "CLEGG"		DRAWING CP-03	
DGN BY CPV	RAILROAD NS /NCRR	SHEET OF	
DWN BY VBB	VAL SEC V-24 /16-17		
CHK BY RJB	DATE 1003/12	SCALE	

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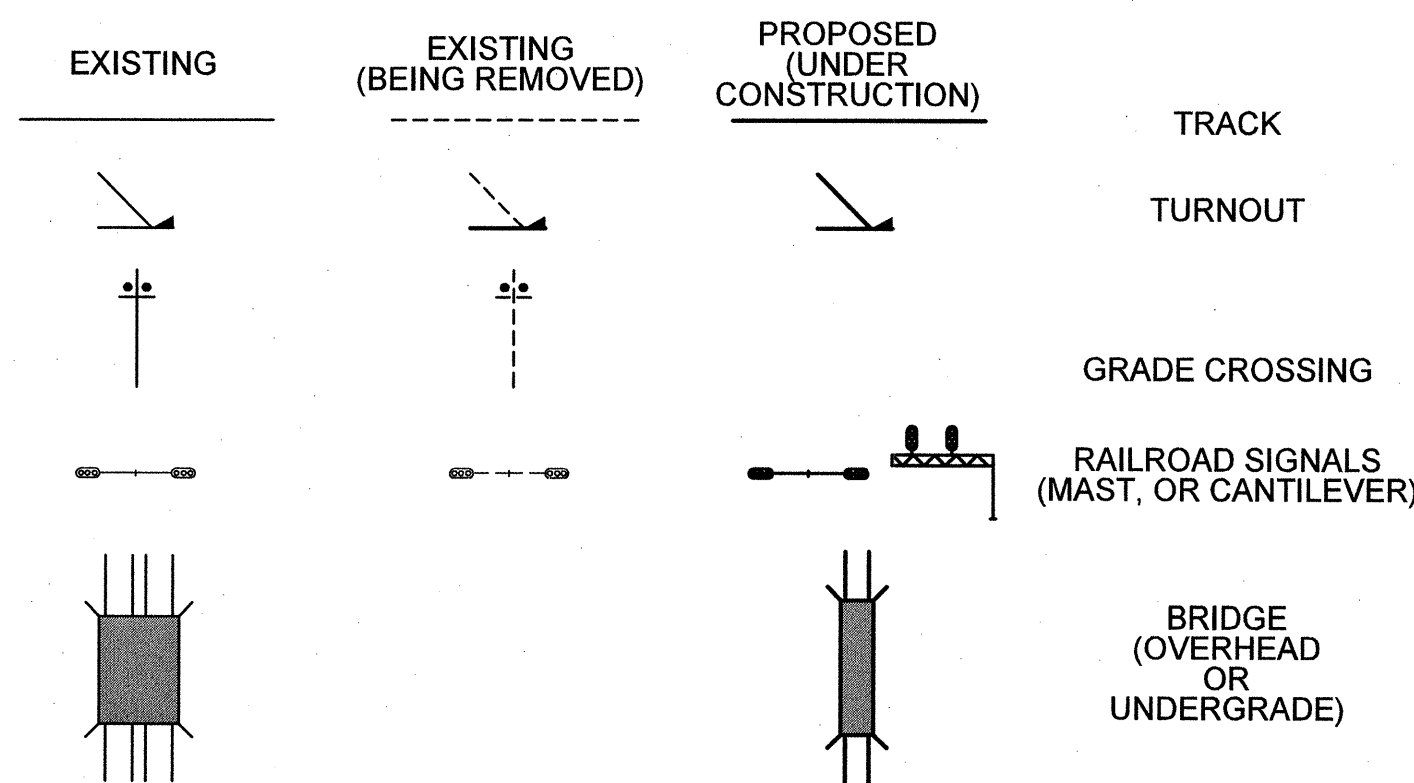


Phase 3 - Complete Proposed Siding Track

1. Line siding track into final proposed alignment Sta. 3299+00 to Sta. 3314+65.
2. Line siding track into final proposed alignment Sta. 3331+40 to Sta. 3345+11.
3. Surface proposed siding track to full superelevation Sta. 3302+45 to Sta. 3343+16.

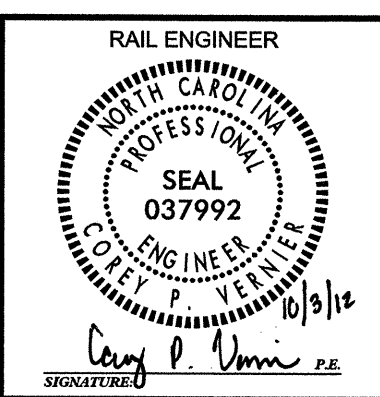
At the end of this phase, track construction is complete and trains will operate on the proposed main and siding tracks between "Nelson" and "Clegg".

LEGEND



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NO.	BY	DATE	REVISION



RAIL ENGINEER
 NORTH CAROLINA
 PROFESSIONAL
 SEAL
 037992
 COREY P. DENNIS
 10/3/12

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

RAIL DIVISION

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PROJECT	U-4716 A/C CLEGG PASSING SIDING & HOPSON RD. GRADE SEPARATION		
TITLE	TRACK CONSTRUCTION PHASING - PHASE 3 FOR REFERENCE ONLY		
LOCATION	CP "NELSON" TO CP "CLEGG"	MILE POST	H-63.2 TO H-67.0
DGN BY	CPV	RAILROAD	NS / NCRR
DWN BY	VBB	VAL SEC	V-24 /16-17
CHK BY	RJB	DATE	10/03/12
		SCALE	
		DRAWING	CP-04
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