

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

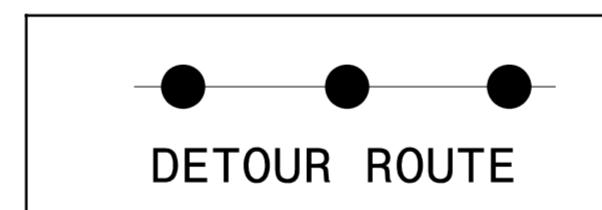
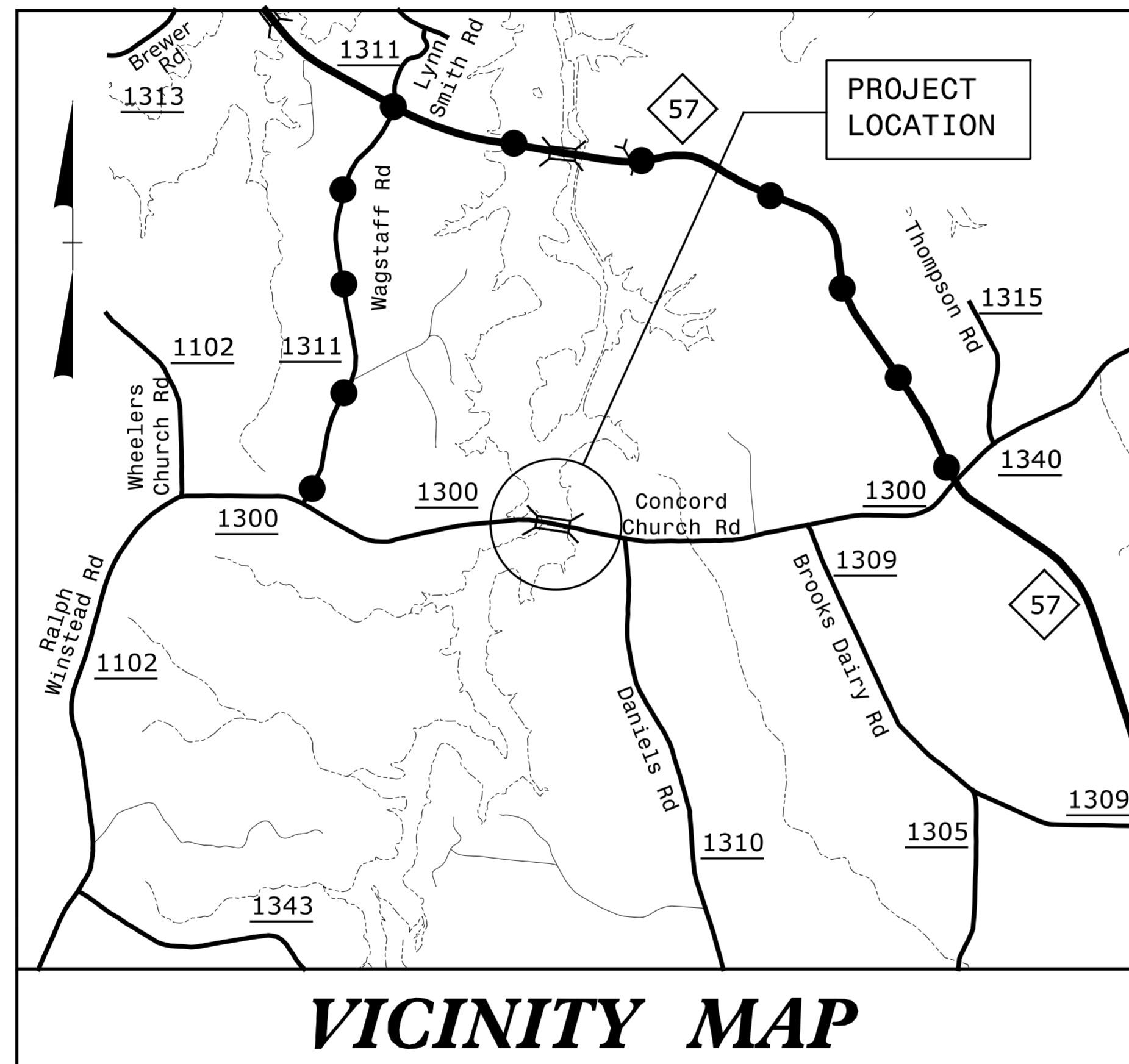
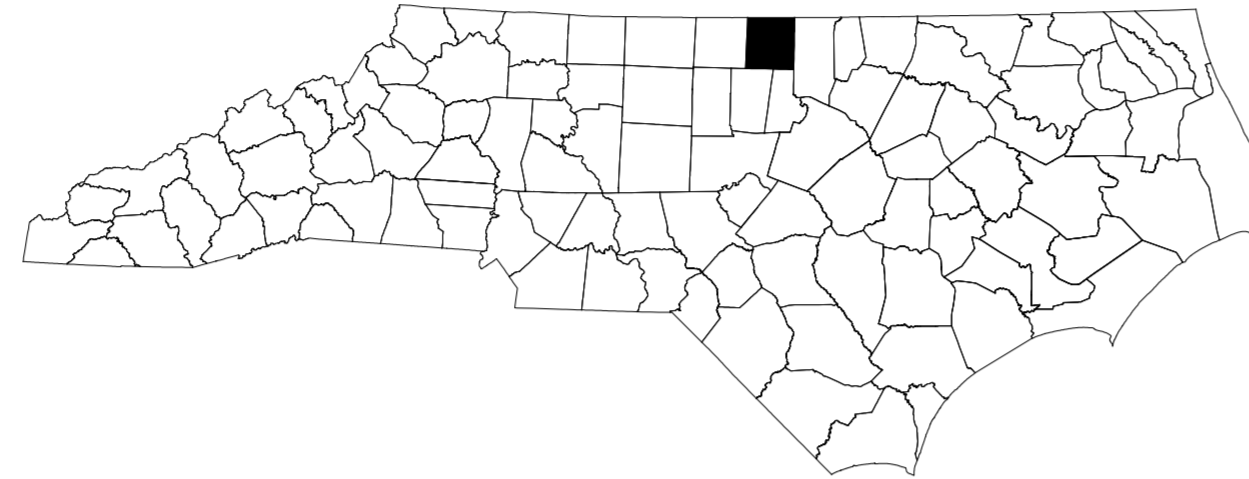
**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

PERSON COUNTY



**LOCATION: BRIDGE 49 OVER SOUTH HYCO CREEK ON SR 1300
(CONCORD CHURCH RD)**
TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-2	TRANSPORTATION OPERATIONS PLAN (GENERAL NOTES, LOCAL NOTES & MANAGEMENT STRATEGIES) AND PHASING
TMP-3	DETOUR FOR CONCORD CHURCH RD.
TMP-4	ROAD CLOSURE SIGNS, DETOUR SIGNS AND SIGN DESIGN

SHEET NO.
TMP-1

B-5327

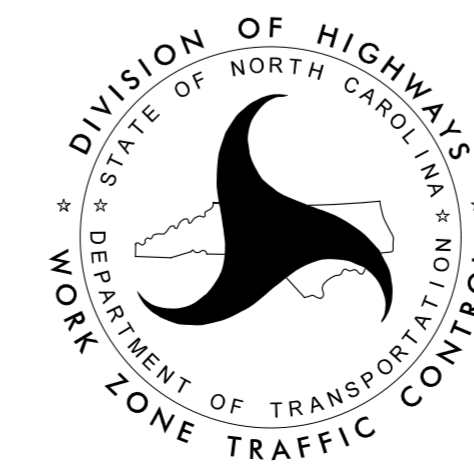
TIP PROJECT:

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 814-5400 FAX: (919) 771-2745

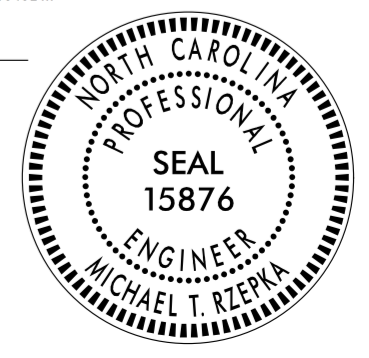
STATE TRAFFIC MANAGEMENT ENGINEER
TRAFFIC CONTROL PROJECT ENGINEER
M. H. STEELMAN TRAFFIC CONTROL PROJECT DESIGN ENGINEER
R. ABADILLA, P.E. TRAFFIC CONTROL DESIGN ENGINEER



ICA Engineering, Inc.
5121 Kingdom Way,
Suite 100
Raleigh, NC 27607
NC License No. F-0258

APPROVED: *Michael T. Rzepka*
DATE: 4/24/2017

SEAL






ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:






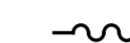
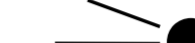


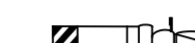

<u>STD. NO.</u>	<u>TITLE</u>
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1130.01	DRUM
1145.01	BARRICADES

LEGEND




GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
-  NORTH ARROW
- PROPOSED PVMT.


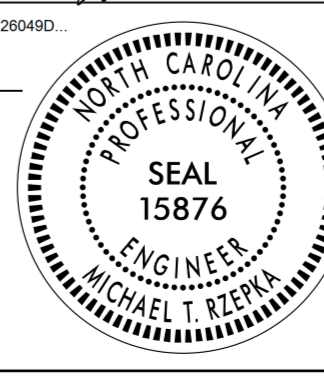
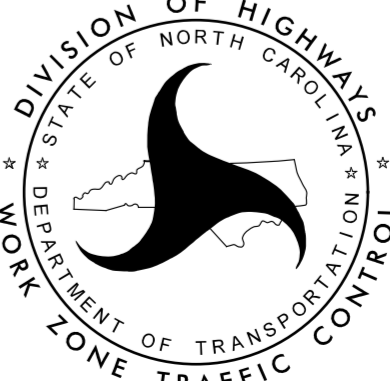
TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  CONE
-  DRUM  SKINNY DRUM  TUBULAR MARKER
-  TEMPORARY CRASH CUSHION
-  FLASHING ARROW BOARD
-  FLAGGER
-  LAW ENFORCEMENT
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

4/24/2017
 R:\TrafficControl\TCP\Ab5327_tmp_title_1a.dgn
 ICA Engineering

APPROVED:  <small>DocuSigned by: Michael T. Rzepka 01BC3480C28049D...</small> DATE: 4/24/2017	SEAL 		<h3 style="margin: 0;">ROADWAY STANDARD DRAWINGS & LEGEND</h3>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

SIGNING

- A) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- B) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- C) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

LOCAL NOTES

- 1) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATIONS.
- 2) NOTIFY PERSON COUNTY PUBLIC SCHOOLS AT LEAST THIRTY (30) CALENDAR DAYS PRIOR TO ROAD CLOSURE.
- 3) NOTIFY PERSON COUNTY EMERGENCY MEDICAL SERVICES AND THE CEFFO VOLUNTEER FIRE AND RESCUE DEPARTMENT AT LEAST THIRTY (30) CALENDAR DAYS PRIOR TO ROAD CLOSURE.
- 4) MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES BETWEEN THE CLOSURE POINTS AT ALL TIMES DURING CONSTRUCTION.
- 5) NOTIFY THE ENGINEER FOURTEEN (14) CALENDAR DAYS PRIOR TO CLOSURE OF THE WATERWAY TO WATERCRAFT OR ANY WATERCRAFT PATTERN ALTERATIONS.
- 6) DO NOT CLOSE WATERWAY TO WATERCRAFT ON SATURDAYS OR SUNDAYS.

MANAGEMENT STRATEGIES

THE PROJECT CONSISTS OF REPLACING BRIDGE NO. 49 OVER SOUTH HYCO CREEK ON SR 1300 (CONCORD CHURCH RD). DURING CONSTRUCTION, SR 1300 (CONCORD CHURCH RD) WILL BE CLOSED AT THE CONSTRUCTION LIMITS AND TRAFFIC WILL BE PLACED ON AN OFF-SITE DETOUR.

THE WORK AREA AT BRIDGE NO. 49 WILL BE CLOSED TO WATERCRAFT AS NEEDED ON SOUTH HYCO CREEK DURING CONSTRUCTION (SEE SPECIAL PROVISIONS).

SR 1300 (CONCORD CHURCH RD) WILL BE REOPENED TO 2-LANE/2-WAY TRAFFIC UPON COMPLETION OF CONSTRUCTION.

PHASING

STEP 1

NOTIFY ENGINEER AND LOCAL AGENCIES OF SR 1300 (CONCORD CHURCH RD.) CLOSURE (SEE LOCAL NOTES 1, 2 & 3).

INSTALL AND ACTIVATE CMS BOARDS 7 DAYS BEFORE CLOSING SR 1300 (CONCORD CHURCH RD.) IN STEP 2.

STEP 2

USING ROADWAY STANDARD DRAWING NUMBER 1101.03, SHEET 1 OF 9 AND TMP-3 & TMP-4, INSTALL ROAD CLOSURE AND DETOUR SIGNING, CLOSE SR 1300 (CONCORD CHURCH RD.), AND DETOUR TRAFFIC (SEE LOCAL NOTE 4). REMOVE CMS BOARDS.

STEP 3

CLOSE WORK AREA AT BRIDGE TO WATERCRAFT ON SOUTH HYCO CREEK AS NEEDED AND REMOVE EXISTING BRIDGE. (SEE LOCAL NOTES 5 & 6 AND SPECIAL PROVISIONS).

STEP 4


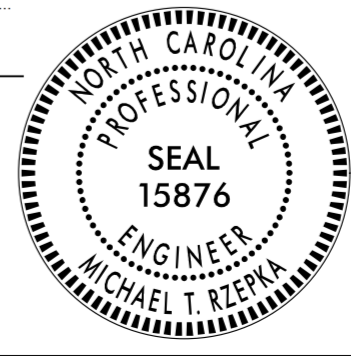
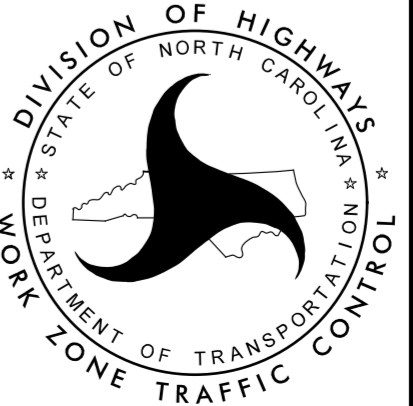
CLOSE WORK AREA AT BRIDGE TO WATERCRAFT ON SOUTH HYCO CREEK AS NEEDED AND CONSTRUCT PROPOSED STRUCTURE AND ROADWAY. (SEE LOCAL NOTES 5 & 6 AND SPECIAL PROVISIONS).

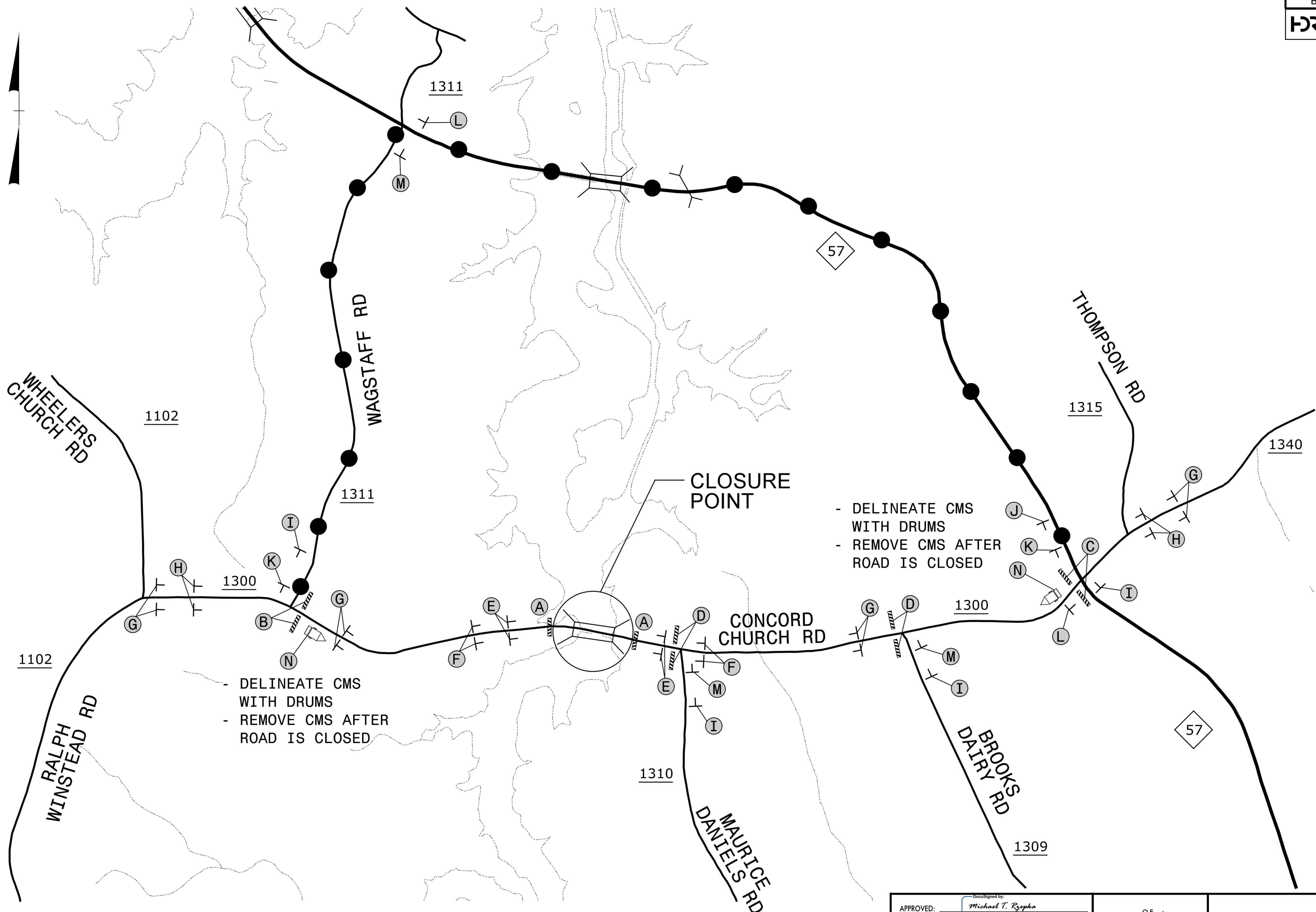
STEP 5

PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON SR 1300 (CONCORD CHURCH RD.) AND OPEN ROAD TO TRAFFIC.

STEP 6

REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

APPROVED:  <small>019C3480C26049D...</small> DATE: 4/24/2017			TRANSPORTATION OPERATIONS PLAN (GENERAL NOTES, LOCAL NOTES & MANAGEMENT STRATEGIES) AND PHASING
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

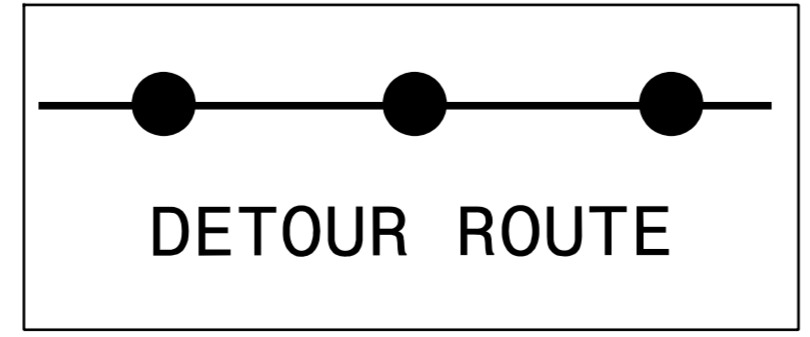


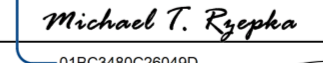
- DELINEATE CMS WITH DRUMS
- REMOVE CMS AFTER ROAD IS CLOSED

- DELINEATE CMS WITH DRUMS
- REMOVE CMS AFTER ROAD IS CLOSED

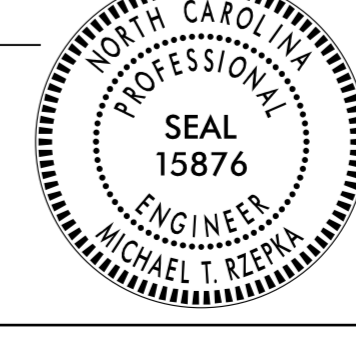
NOTES:

- SEE SHEET TMP-4 FOR ROAD CLOSURE SIGNS AND DETOUR SIGNS
- REFER TO RSD 1101.03, (SHEET 1 OF 9) FOR APPLICABLE NOTES

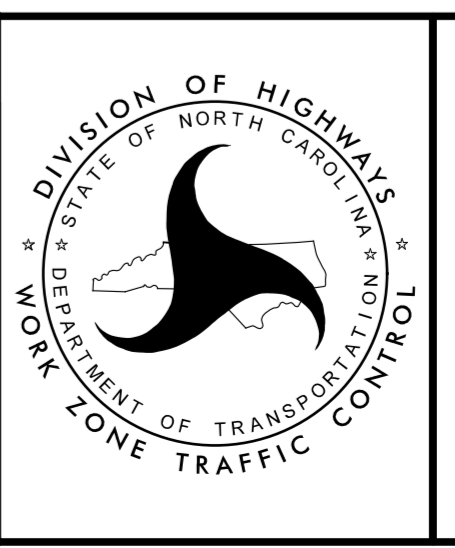


APPROVED: 
DATE: 4/24/2017

SEAL

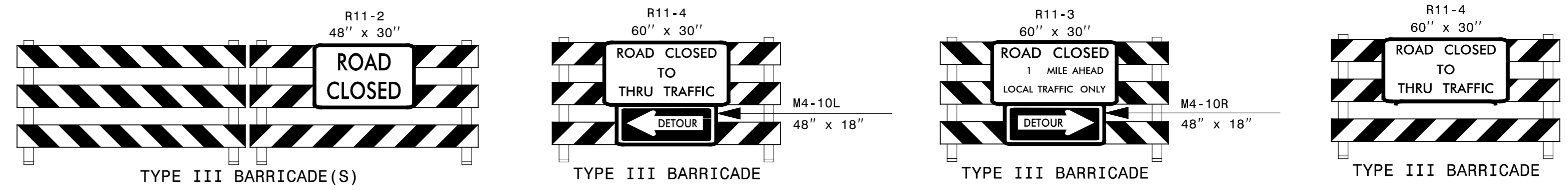


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

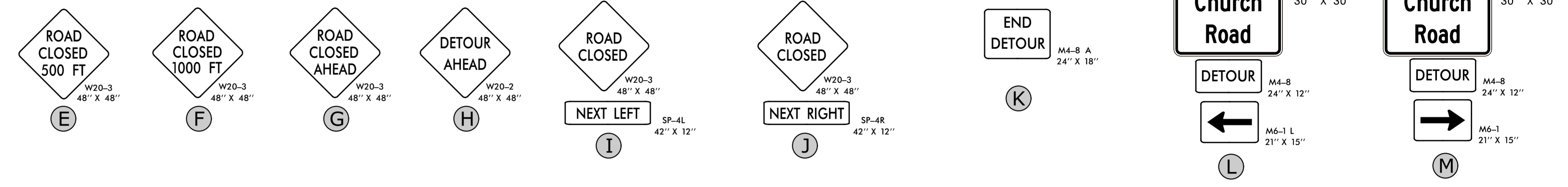


DETOUR FOR CONCORD CHURCH RD.

4/24/2017
R:\Traffic\TrafficControl\TCP\Ab5327_tmp_detour_03.dgn
ICA Engineering



TYPE III BARRICADE(S)
(A)
 -L- STA 8+00±
 -L- STA 18+00±

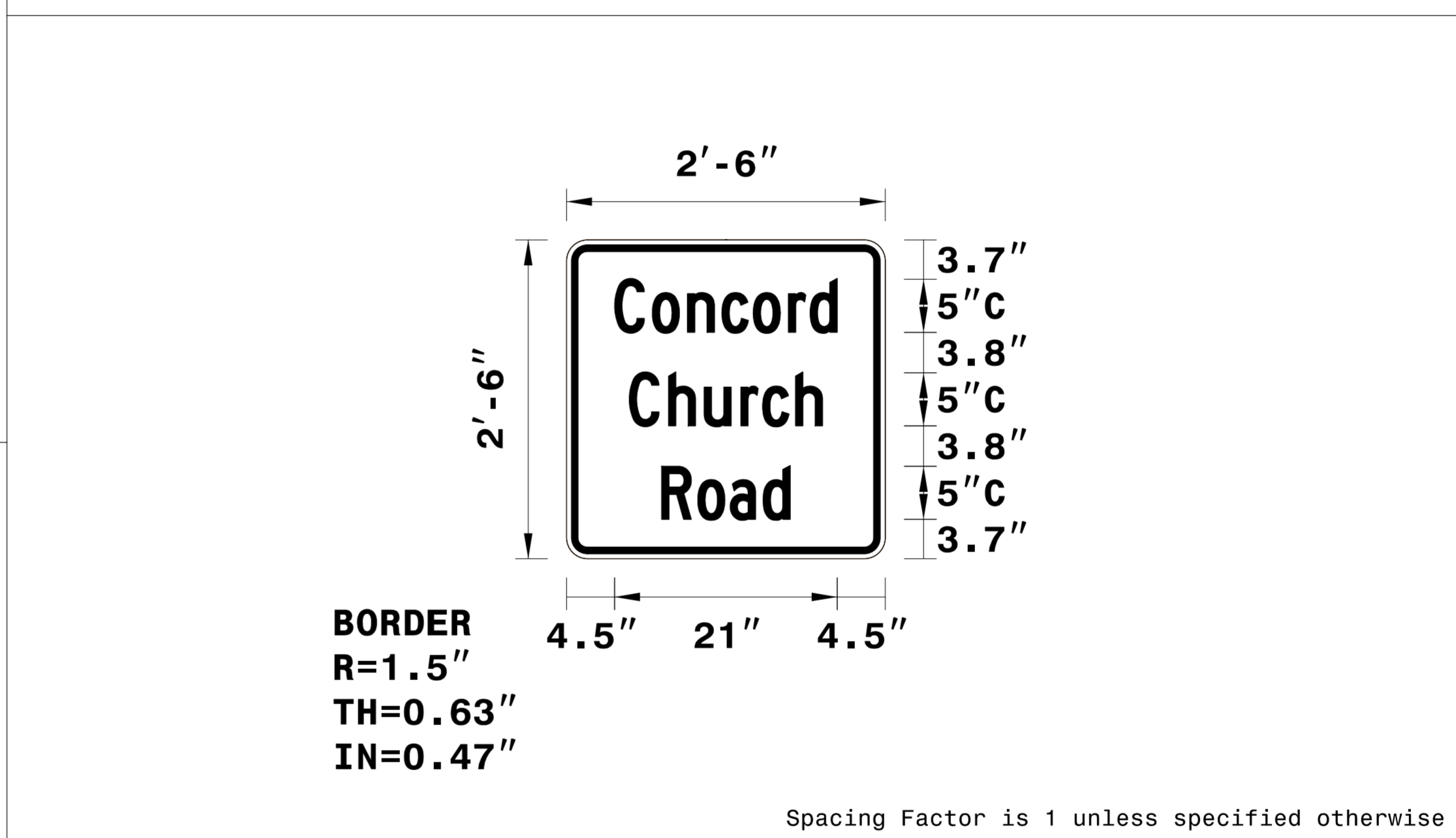


SIGN NUMBER: Concord Ch. Rd. BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: Black
 QUANTITY: SEE PLANS
 SIGN WIDTH: 2'-6"
 HEIGHT: 2'-6"
 TOTAL AREA: 6.3 Sq.Ft.
 BORDER TYPE: INSET
 RECESS: 0.47"
 WIDTH: 0.63"
 RADII: 1.5"
 NO. Z BARS: _____
 LENGTH: _____
 MAT'L: 0.080" (2.0 mm) ALUMINUM

SYMBOL	X	Y	WID	HT


DESIGN BY: MTR CHECKED BY: _____ DATE: Mar 23, 2017
 PROJECT ID: B-5327 DIV: 5

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be NC GRADE B fluoresent orange retroreflective sheeting.



MESSAGE AS SHOWN OR AS DIRECTED BY THE ENGINEER

MESSAGE NO. 1	MESSAGE NO. 2
CONCORD CH. RD TO CLOSE	ON (DATE)
CHANGEABLE MESSAGE SIGN	

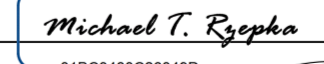

(N)
 ACTIVATE CMS 7 DAYS PRIOR TO ROAD CLOSURE
 REMOVE CMS AFTER ROAD CLOSURE
 DELINEATE WITH DRUMS 

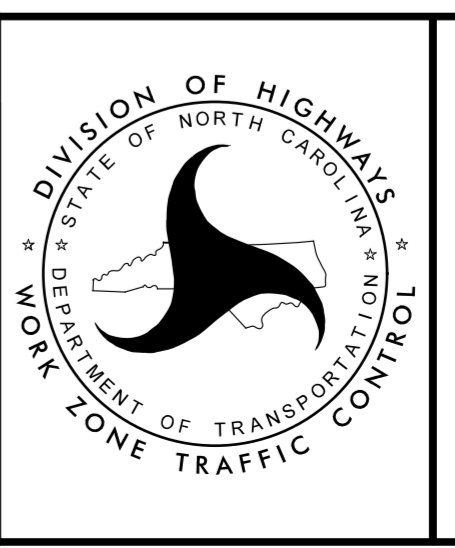
LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
C 2000	21
C 2000	18.2
C 2000	12.1

FILENAME: b5327_tmp_sign_design_02 NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: 
 DATE: 4/24/2017

 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



ROAD CLOSURE SIGNS,
 DETOUR SIGNS
 AND SIGN DESIGN