PROJECT REFERENCE NO.	SHEET NO.
W-5601AW	Sig. 1.0

TABLE OF OPERATION		
SIGNAL FACE	INTERVAL 1	INTERVAL 2
21, 23	ON	OFF
22, 24	OFF	ON

LOOP & DETECTOR UNIT INSTALLATION CHART

INDUCTIVE LOOPS						DETECTOR UNITS							
LOOP NO.	SIZE (ft)	DIST. FROM STOPBAR (ft)	TURNS	NEW	EXISTING	UNIT NO.	NEW	EXISTING	CHANNEL	NEMA PHASE	TIMING FEATURE	TIMING TIME	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?
1A	6X6	420	6	X		1	X		1	-	Extend	9.0	-	-
1B	6X40	0	2-4-2	X					2	-	Extend	5.0	-	-
1C	6X6	420	6	X		2	X		1	-	Extend	9.0	-	-
1D	6X40	0	2-4-2	X					2	-	Extend	5.0	-	-

Two-Circuit
Actuated Flasher

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Set all detector units to presence mode.
3. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
4. Flash beacons 21, 22, 23, and 24 when actuated by loops 1A, 1B, 1C, or 1D.

SIGNAL FACE I.D.

All Heads L.E.D.

Y 12"

21, 23
22, 24

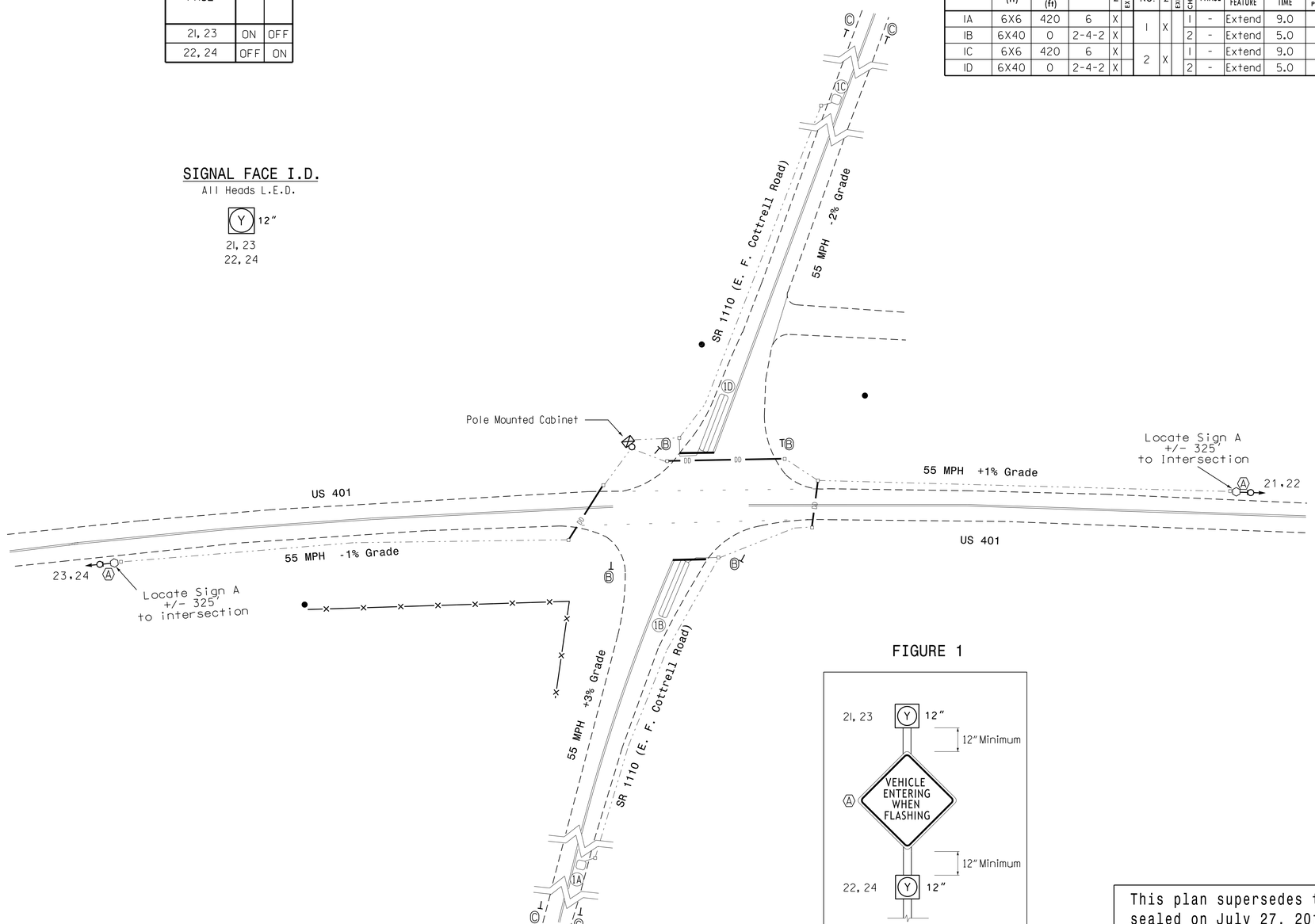
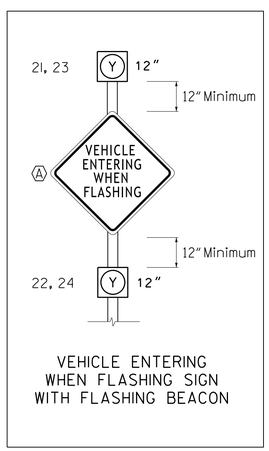


FIGURE 1



VEHICLE ENTERING
WHEN FLASHING SIGN
WITH FLASHING BEACON

This plan supersedes the plan sealed on July 27, 2015.

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head With Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
	Directional Arrow	
N/A	Fence	
	Type III Signal Pedestal	
A	"Vehicle Entering When Flashing" Sign (See Figure 1)	A
B	"STOP" Sign (R1-1)	B
C	Cross Road Ahead Sign (W2-1)	C

New Installation

Prepared in the Offices of:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signal Design Section
750 N.Greenfield Pkwy,Garner,NC 27529

US 401
at
SR 1110 (E. F. Cottrell Road)

Division 5 Franklin County near Louisburg

PLAN DATE: July 2015	REVIEWED BY:
PREPARED BY: C.E. Carter	REVIEWED BY:

SCALE 0 40 1"=40'

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036833 ENGINEER RYAN W. HOUGH
DocuSigned by: Ryan W. Hough 7/29/2015
43D32DFAA2654C3... DATE

SIG. INVENTORY NO. 05-1465

29-JUL-2015 11:17
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