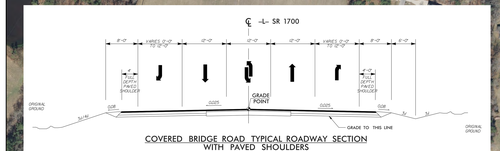
DESIGN PUBLIC MEETING MAP

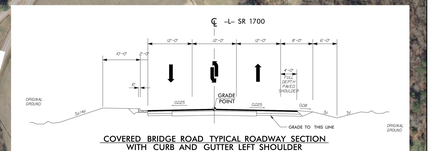
STIP PROJECT W-5704E
WBS #44850.3.5
FA PROJECT #HSIP-1700(22)

JOHNSTON COUNTY

SR 1700 (COVERED BRIDGE ROAD) FROM SR 2685 (HELENA LANE) TO SR 1003 (BUFFALO ROAD)



COVERED BRIDGE ROAD TYPICAL ROADWAY SECTION
WITH PAVED SHOULDERS



COVERED BRIDGE ROAD TYPICAL ROADWAY SECTION
WITH CURB AND GUTTER LEFT SHOULDER

BEGIN TIP PROJECT W-5704E
-L- STA. 13+00.00

END TIP PROJECT W-5704E
-L- STA. 91+65.66

-L- CURVE DATA

PI Sta 15+85.36	PI Sta 52+56.29	PI Sta 68+92.53	PI Sta 83+04.81
Δ = 6° 51' 51.9" (RT)	Δ = 7° 11' 52.2" (RT)	Δ = 7° 11' 52.2" (RT)	Δ = 8° 57' 58.3" (LT)
D = 6° 30' 51.9"	D = 5° 59' 34.5"	D = 5° 59' 34.5"	D = 6° 51' 55.1"
T = 300.68'	T = 507.00'	T = 534.40'	T = 455.71'
L = 1,047.00'	L = 1,006.50'	L = 1,003.00'	L = 1,705.39'
R = 1,540.00'	R = 1,915.00'	R = 1,920.00'	R = 1,370.00'
SS = 50	SS = 45	SS = 45	SS = 45
DS = 50 MPH	DS = 45 MPH	DS = 45 MPH	DS = 45 MPH

-Y7- CURVE DATA

PI Sta 14+49.35	PI Sta 17+10.71	PI Sta 21+14.85	PI Sta 24+90.97
Δ = 16° 50' 50.2" (LT)	Δ = 14° 39' 24.4" (RT)	Δ = 14° 39' 24.4" (LT)	Δ = 7° 39' 25.2" (LT)
D = 17° 11' 29.4"	D = 18° 11' 29.4"	D = 17° 11' 29.4"	D = 6° 11' 29.4"
T = 58.30'	T = 183.94'	T = 214.54'	T = 398.28'
L = 114.00'	L = 347.99'	L = 348.28'	L = 696.88'
R = 400.00'	R = 315.00'	R = 400.00'	R = 926.37'
SS = 35	SS = 35	SS = 35	SS = 45
DS = 35 MPH	DS = 35 MPH	DS = 35 MPH	DS = 55 MPH

-L- CURVE DATA

PI Sta 13+85.50	PI Sta 39+44.20	PI Sta 61+41.43	PI Sta 91+08.42
Δ = 5° 11' 14.5" (RT)	Δ = 10° 21' 52.2" (LT)	Δ = 10° 21' 52.2" (LT)	Δ = 7° 41' 53.5"
D = 2° 30' 05.5"	D = 5° 43' 46.0"	D = 5° 43' 46.0"	D = 1° 11' 29.4"
T = 145.90'	T = 544.29'	T = 1,112.14'	T = 1,112.09'
L = 290.00'	L = 1,084.00'	L = 2,168.00'	L = 2,200.00'
R = 1,530.00'	R = 1,000.00'	R = 2,000.00'	R = 2,000.00'
SS = 45	SS = 55	SS = 55	SS = 55
DS = 45 MPH	DS = 55 MPH	DS = 55 MPH	DS = 55 MPH
SE = EXISTING	SE = 0.04	SE = 0.04	SE = 0.04
	DS = 50 MPH	DS = 50 MPH	DS = 50 MPH

-L- CURVE DATA

PI Sta 15+85.36	PI Sta 52+56.29	PI Sta 68+92.53	PI Sta 83+04.81
Δ = 6° 51' 51.9" (RT)	Δ = 7° 11' 52.2" (RT)	Δ = 7° 11' 52.2" (RT)	Δ = 8° 57' 58.3" (LT)
D = 6° 30' 51.9"	D = 5° 59' 34.5"	D = 5° 59' 34.5"	D = 6° 51' 55.1"
T = 300.68'	T = 507.00'	T = 534.40'	T = 455.71'
L = 1,047.00'	L = 1,006.50'	L = 1,003.00'	L = 1,705.39'
R = 1,540.00'	R = 1,915.00'	R = 1,920.00'	R = 1,370.00'
SS = 50	SS = 45	SS = 45	SS = 45
DS = 50 MPH	DS = 45 MPH	DS = 45 MPH	DS = 45 MPH

-L- CURVE DATA

PI Sta 83+04.81	PI Sta 88+97.74
Δ = 8° 57' 58.3" (LT)	Δ = 9° 44' 44.6" (RT)
D = 6° 51' 55.1"	D = 7° 11' 29.4"
T = 455.71'	T = 510.28'
L = 1,705.39'	L = 1,355.67'
R = 1,370.00'	R = 1,920.00'
SS = 45	SS = 45
DS = 45 MPH	DS = 45 MPH

-L- CURVE DATA

PI Sta 83+04.81	PI Sta 88+97.74
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PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENTS
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- LAKES, RIVER, STREAMS AND PONDS
- EXISTING UTILITY EASEMENT
- CEMETERIES
- PROPERTY LINES
- PROPOSED TRAFFIC SIGNAL
- EXIST TRAFFIC SIGNAL

100' 0' 100' 200'
50'

DESIGN DATA

Functional Class.	=	Major Collector
Design Speed	=	50 mph
Max. Superelev.	=	0.04

AERIAL DATA SOURCE - GOOGLE EARTH
IMAGERY DATE 2012

UTILITY INFORMATION
To provide greater visual clarity, existing and proposed utilities are not shown on these maps or on other displays. The utility information shown on these maps is limited to locations of major existing and potential utility easements. The designs shown on these maps, including utility easements, are preliminary and are subject to change.

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENTS
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- LAKES, RIVER, STREAMS AND PONDS
- EXISTING UTILITY EASEMENT
- CEMETERIES
- PROPERTY LINES
- PROPOSED TRAFFIC SIGNAL
- EXIST TRAFFIC SIGNAL

100' 0' 100' 200'
50'

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