DESIGN PUBLIC HEARING MAP

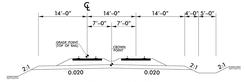
PROJECT U-4716

DURHAM COUNTY

GRADE SEPARATION AT HOPSON RD. AND NORFOLK & SOUTHERN RAILROAD

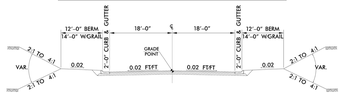
RAILROAD OVER HOPSON ROAD ALTERNATE

TYPICAL SECTION



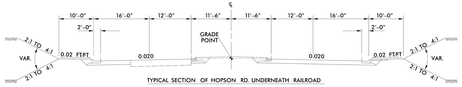
RAILROAD TYPICAL SECTION

TYPICAL SECTION



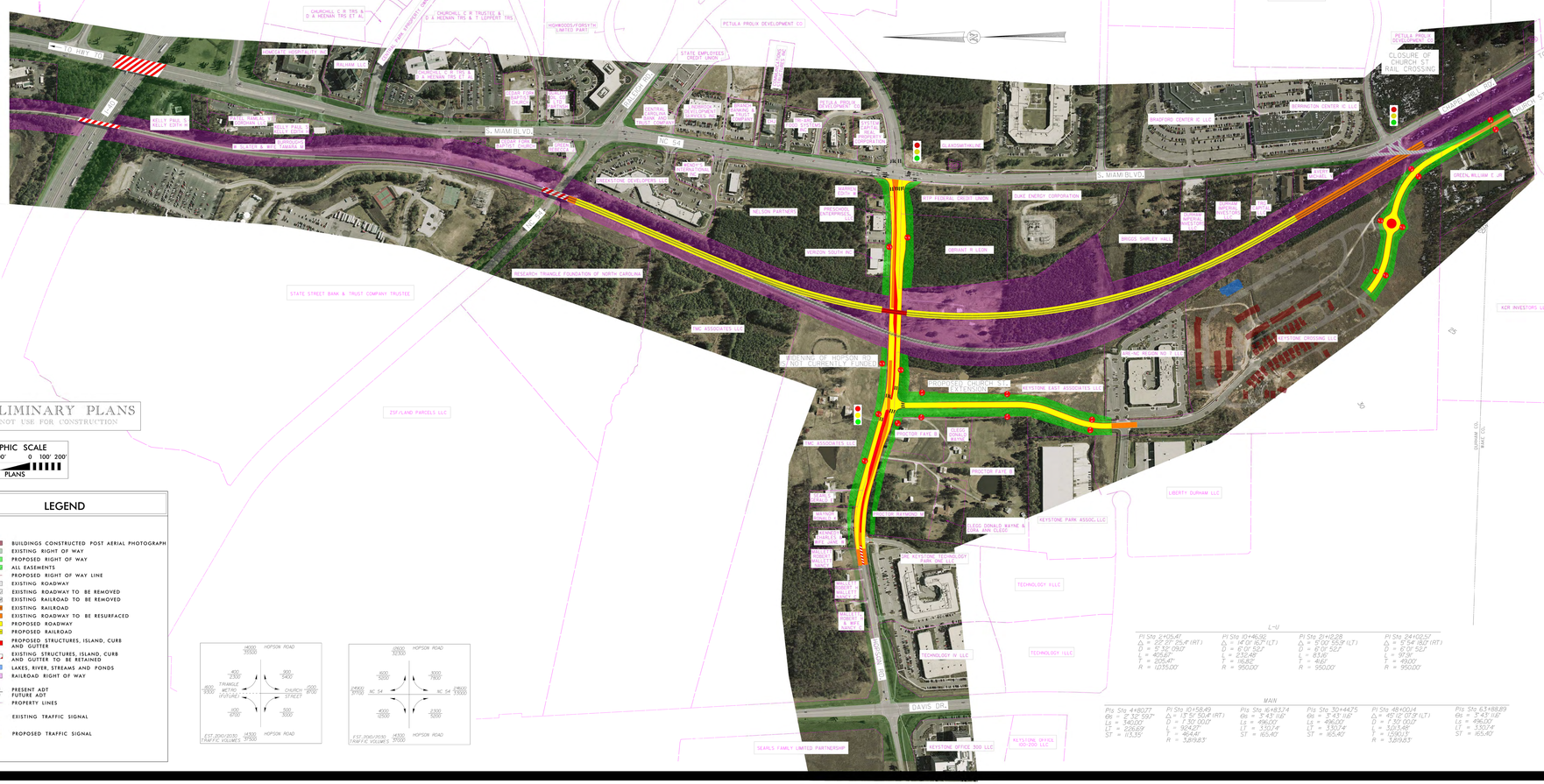
TYPICAL SECTION OF CHURCH ST.

TYPICAL SECTION



TYPICAL SECTION OF HOPSON RD. UNDERNEATH RAILROAD

WIDENING OF HOPSON RD IS NOT CURRENTLY FUNDED



LEGEND

- BUILDINGS CONSTRUCTED POST AERIAL PHOTOGRAPH
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- ALL EASEMENTS
- PROPOSED RIGHT OF WAY LINE
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING RAILROAD TO BE REMOVED
- EXISTING RAILROAD
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED RAILROAD
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
- LAKES, RIVER, STREAMS AND PONDS
- RAILROAD RIGHT OF WAY
- 2000 / 2030 — PRESENT ADT / FUTURE ADT
- PROPERTY LINES
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL

L-U

PI Sta 6+05.41	PI Sta 10+46.92	PI Sta 21+12.28	PI Sta 24+02.57
Δ = 69° 27' 29.4" (RT)	Δ = 14° 01' 16.7" (LT)	Δ = 11° 00' 55.9" (LT)	Δ = 5° 54' 18.0" (RT)
D = 5° 32' 09.0"	D = 6° 01' 52.1"	D = 6° 01' 52.1"	D = 6° 01' 52.1"
L = 405.67'	L = 233.48'	L = 61.46'	L = 97.9'
T = 225.47'	T = 116.82'	T = 31.1'	T = 49.00'
R = 1,035.00'	R = 950.00'	R = 950.00'	R = 950.00'

MAIN

PI Sta 4+80.77	PI Sta 10+58.49	PI Sta 16+83.74	PI Sta 30+44.75	PI Sta 48+00.14	PI Sta 63+88.89
66 = 2° 32' 59.7"	Δ = 13° 51' 50.4" (RT)	66 = 3° 43' 16"	66 = 3° 43' 16"	Δ = 45° 12' 17.9" (LT)	66 = 3° 43' 16"
Ls = 340.00'	D = 1° 30' 00.0"	Ls = 496.00'	Ls = 496.00'	D = 1° 30' 00.0"	Ls = 496.00'
LT = 226.69'	L = 924.27'	LT = 330.74'	LT = 330.74'	L = 1,203.34'	LT = 330.74'
ST = 113.35'	T = 464.41'	ST = 165.40'	ST = 165.40'	T = 1,590.13'	ST = 165.40'
	R = 3,818.83'			R = 3,818.83'	

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