WADE AVENUE

TRAFFIC DIAGRAM

2011 ADT / 2035 ADT

–Y2A–
WADE AVENUE
28000 / 35600
DHV = 9%
DIR = 55%
TTST = 0%
DUAL = 1%

15500 / 19700
12500 / 15900

55000 / 69800 –L1– CAPITAL BOULEVARD 52000 / 66000

DHV = 10%
DIR = 55%
TTST = 4%
DUAL = 1%

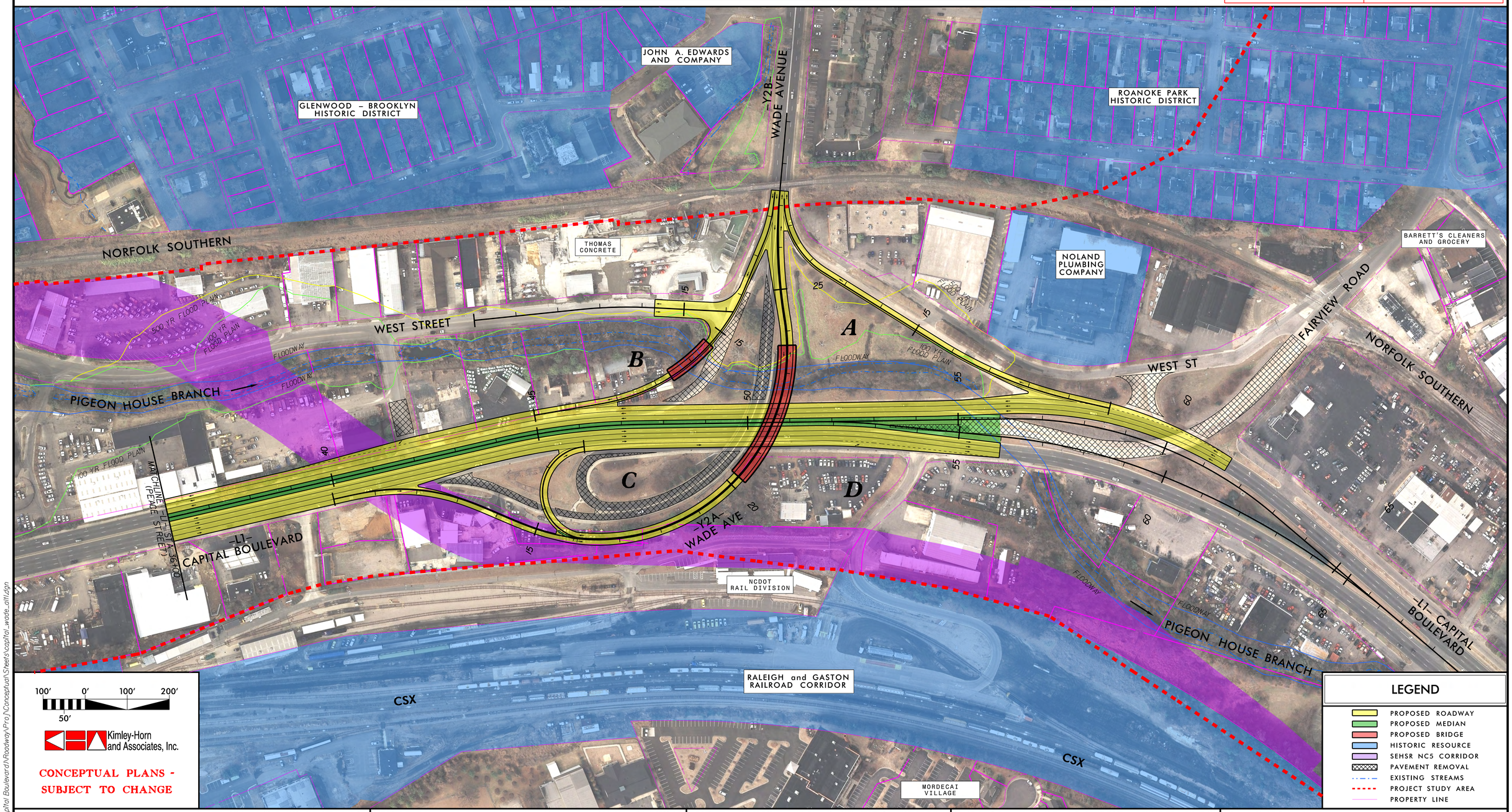
CONCEPTUAL DESIGN
CITIZENS INFORMATIONAL WORKSHOP
PROJECT 42263.1.1 (B–5121 /B–5317)

WADE AVENUE – BRIDGE 213 OVER CAPITAL BOULEVARD
WADE AVENUE – ALTERNATIVE 1
TRUMPET INTERCHANGE

NAD 83

CONCEPTUAL PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION



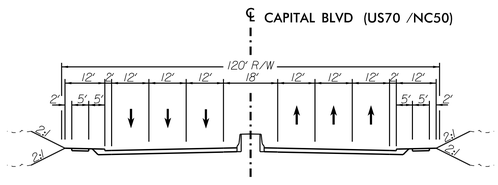
100′ 0′ 100′ 200′
50′

Kimley-Horn and Associates, Inc.

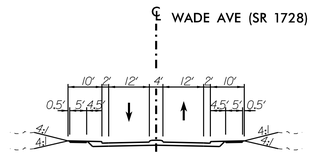
CONCEPTUAL PLANS - SUBJECT TO CHANGE

LEGEND

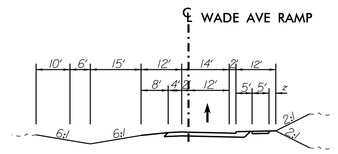
- PROPOSED ROADWAY
- PROPOSED MEDIAN
- PROPOSED BRIDGE
- HISTORIC RESOURCE
- SEHSR NC5 CORRIDOR
- PAVEMENT REMOVAL
- EXISTING STREAMS
- PROJECT STUDY AREA
- PROPERTY LINE



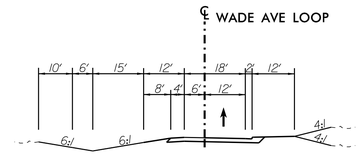
ROADWAY TYPICAL SECTION NO. 1



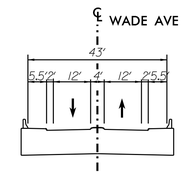
ROADWAY TYPICAL SECTION NO. 2



ROADWAY TYPICAL SECTION NO. 3



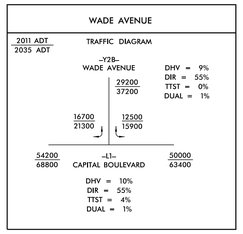
ROADWAY TYPICAL SECTION NO. 4



BRIDGE TYPICAL SECTION

K:\RAL_Roadway\011036176 (Capital Boulevard\Roadway\Proj\Conceptual\Sheets\capital_wade_alt1.dgn

9/16/2011



CONCEPTUAL DESIGN

CITIZENS INFORMATIONAL WORKSHOP

PROJECT 42263.1.1 (B-5121 /B-5317)

WADE AVENUE – BRIDGE 213 OVER CAPITAL BOULEVARD

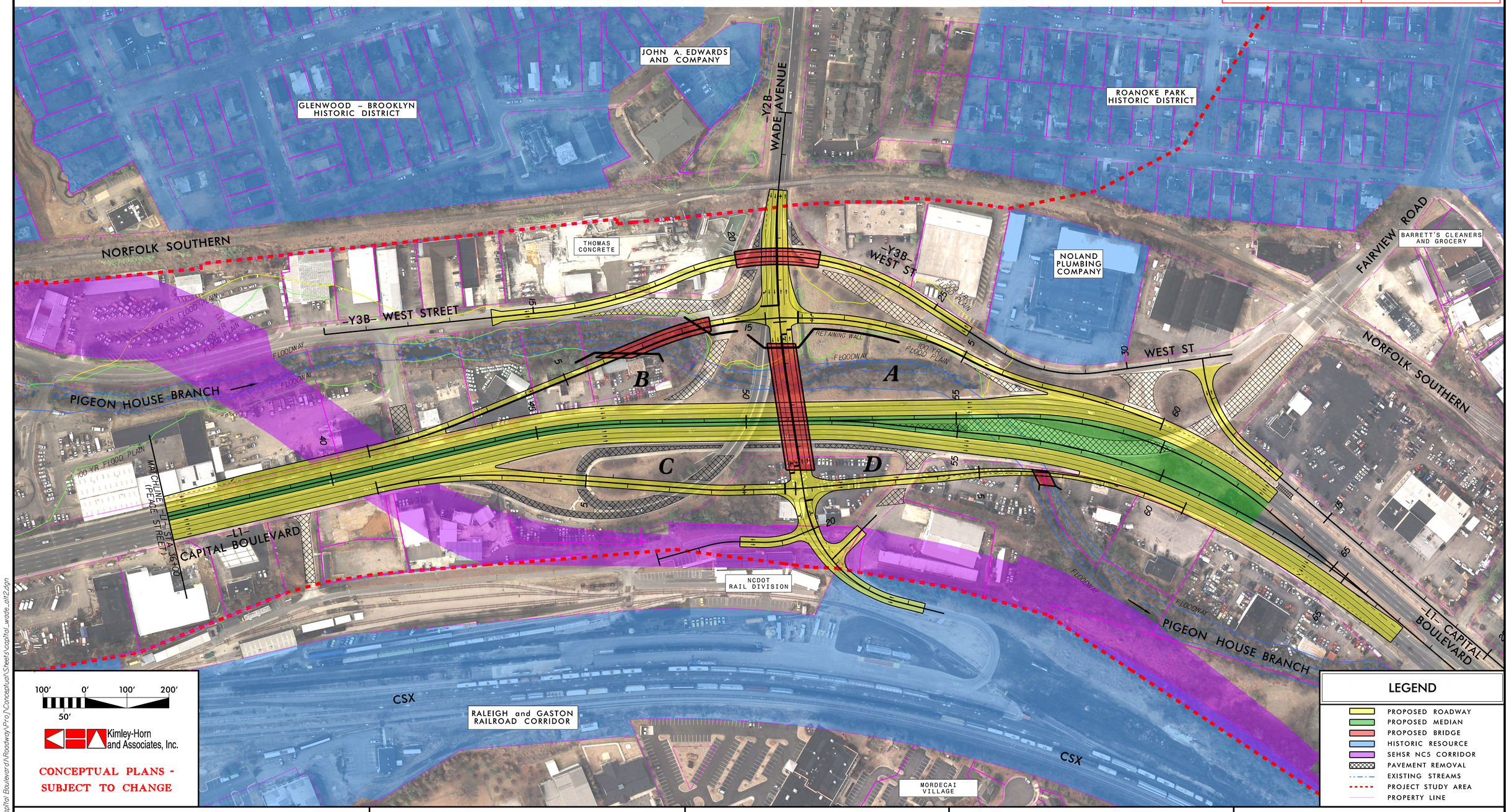
WADE AVENUE – ALTERNATIVE 2

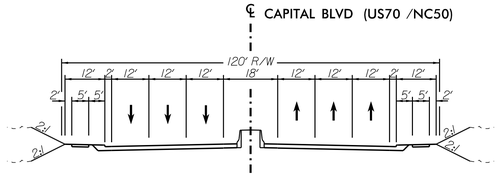
DIAMOND INTERCHANGE

NAD 83

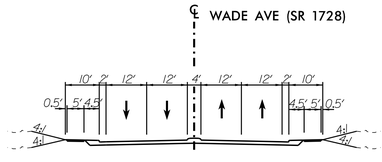
CONCEPTUAL PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

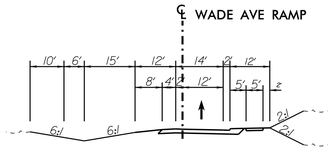




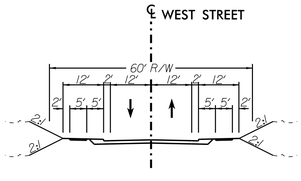
ROADWAY TYPICAL SECTION NO. 1



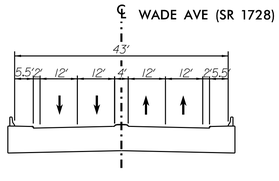
ROADWAY TYPICAL SECTION NO. 2



ROADWAY TYPICAL SECTION NO. 3



ROADWAY TYPICAL SECTION NO. 4



BRIDGE TYPICAL SECTION

K:\RAL_Roadway\011036176 (Capital Boulevard)\Roadway\Proj\Conceptual\Sheets\capital_wade_alt2.dgn

9/16/2011

WADE AVENUE

2011 ADT / 2035 ADT — TRAFFIC DIAGRAM

–Y2B– WADE AVENUE: 29200 / 37200

DHV = 9%
DIR = 55%
TTST = 0%
DUAL = 1%

16700 / 21300 — 12500 / 15900

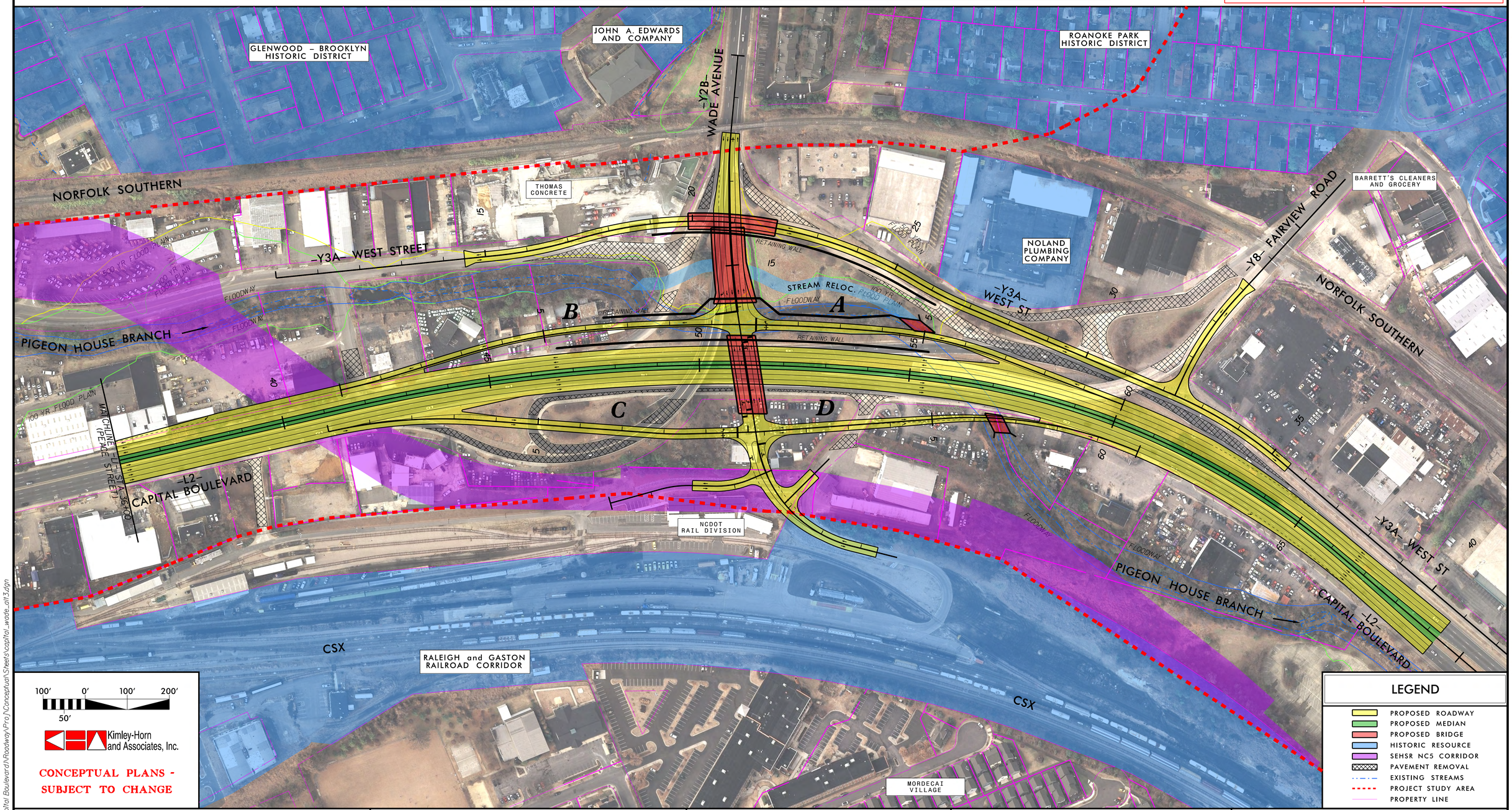
54200 / 68800 — –L2– CAPITAL BOULEVARD — 50000 / 63400

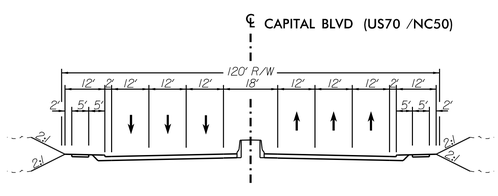
DHV = 10%
DIR = 55%
TTST = 4%
DUAL = 1%

CONCEPTUAL DESIGN
CITIZENS INFORMATIONAL WORKSHOP
PROJECT 42263.1.1 (B–5121 /B–5317)
WADE AVENUE – BRIDGE 213 OVER CAPITAL BOULEVARD
WADE AVENUE – ALTERNATIVE 3
COMPRESSED DIAMOND INTERCHANGE
WEST STREET – GRADE SEPARATION

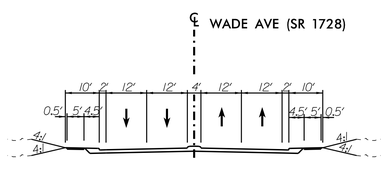
NAD 83

CONCEPTUAL PLANS DO NOT USE FOR CONSTRUCTION | **INCOMPLETE PLANS** DO NOT USE FOR R/W ACQUISITION

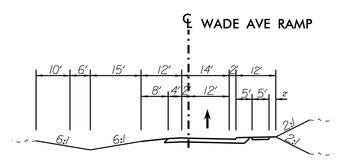




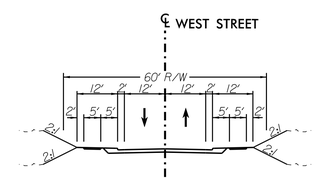
ROADWAY TYPICAL SECTION NO. 1



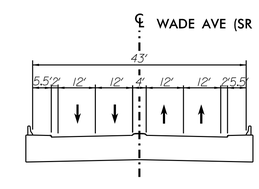
ROADWAY TYPICAL SECTION NO. 2



ROADWAY TYPICAL SECTION NO. 3



ROADWAY TYPICAL SECTION NO. 4



BRIDGE TYPICAL SECTION

K:\RAL_Roadway\011036\76 (Capital Boulevard\Roadway\Proj\Conceptual\Sheets\capital_wade_alt3.dgn

9/16/2011

CONCEPTUAL DESIGN
CITIZENS INFORMATIONAL WORKSHOP
PROJECT 42263.1.1 (B–5121 /B–5317)
WADE AVENUE – BRIDGE 213 OVER CAPITAL BOULEVARD
WADE AVENUE – ALTERNATIVE 4
COMPRESSED DIAMOND INTERCHANGE
WEST STREET – RIGHT–IN, RIGHT–OUT

WADE AVENUE

TRAFFIC DIAGRAM

2011 ADT / 2035 ADT

–Y28– WADE AVENUE: 29200 / 37200

16700 / 21300 — 12500 / 15900

54200 / 68800 — –L2– CAPITAL BOULEVARD — 50000 / 63400

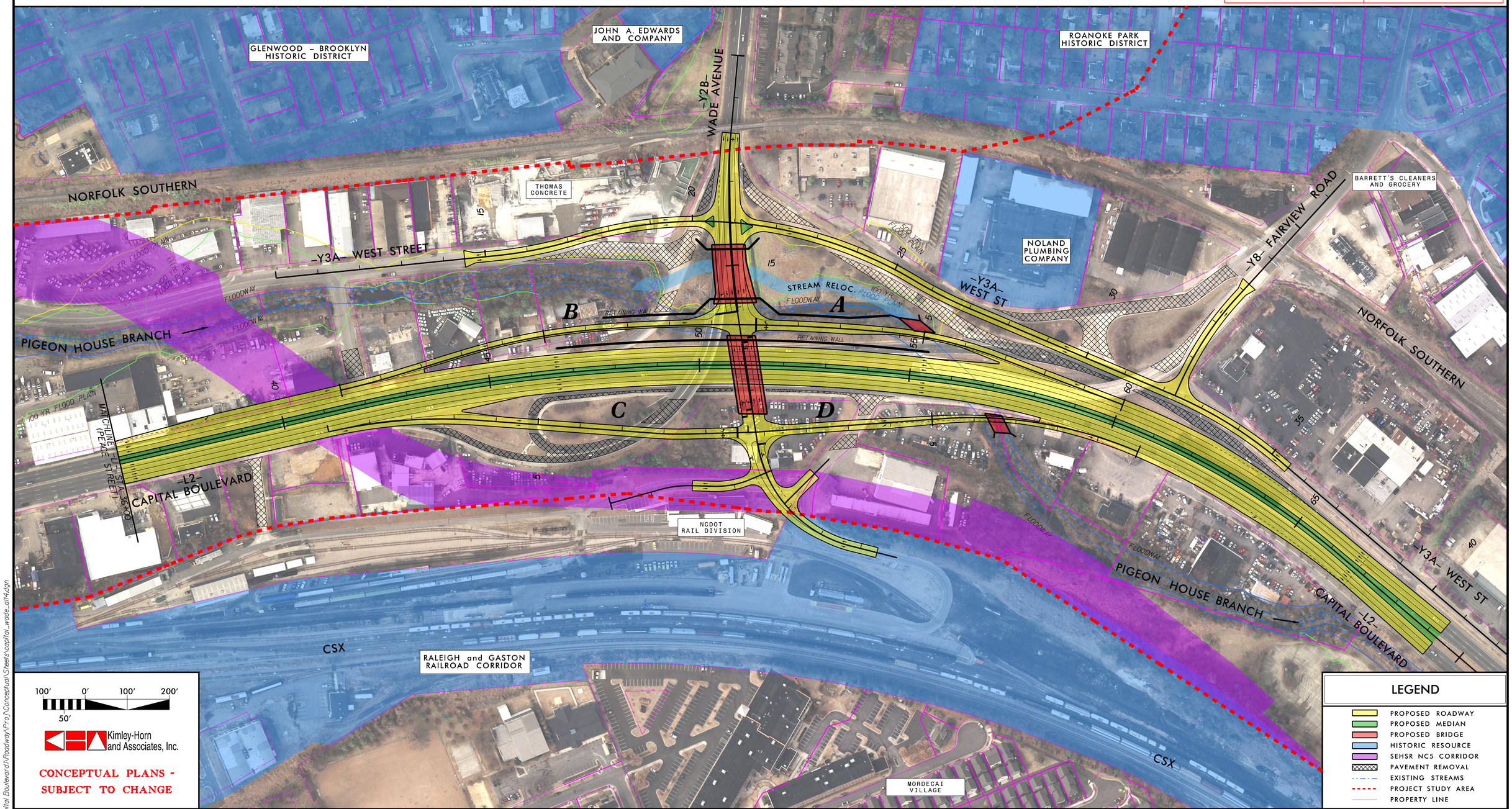
DHV = 9%
DIR = 55%
TTST = 0%
DUAL = 1%

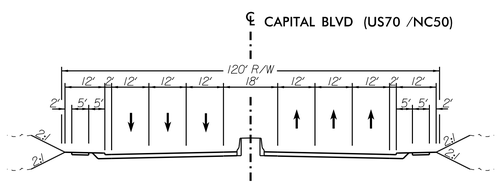
DHV = 10%
DIR = 55%
TTST = 4%
DUAL = 1%

NAD 83

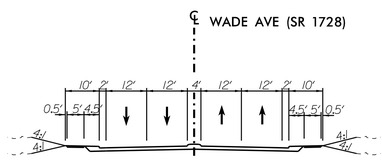
CONCEPTUAL PLANS — DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS — DO NOT USE FOR R/W ACQUISITION

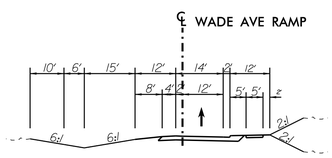




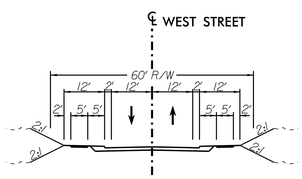
ROADWAY TYPICAL SECTION NO. 1



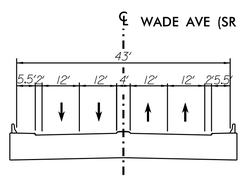
ROADWAY TYPICAL SECTION NO. 2



ROADWAY TYPICAL SECTION NO. 3



ROADWAY TYPICAL SECTION NO. 4



BRIDGE TYPICAL SECTION

K:\RAL_Roadway\011036\76 (Capital Boulevard)\Roadway\Proj\Conceptual\Sheets\capital_wade_alt4.dgn

9/16/2011