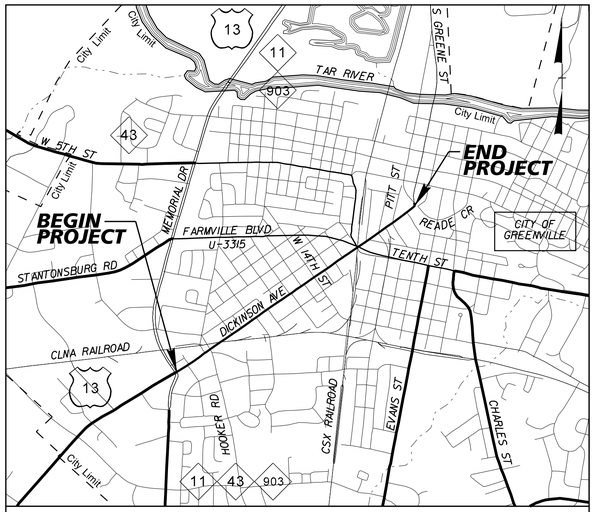
TIP PROJECT: U-5606

SEE SHEET 1A FOR INDEX OF SHEETS
SEE SHEET 1B FOR CONVENTIONAL PLAN SHEET SYMBOLS



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PITT COUNTY

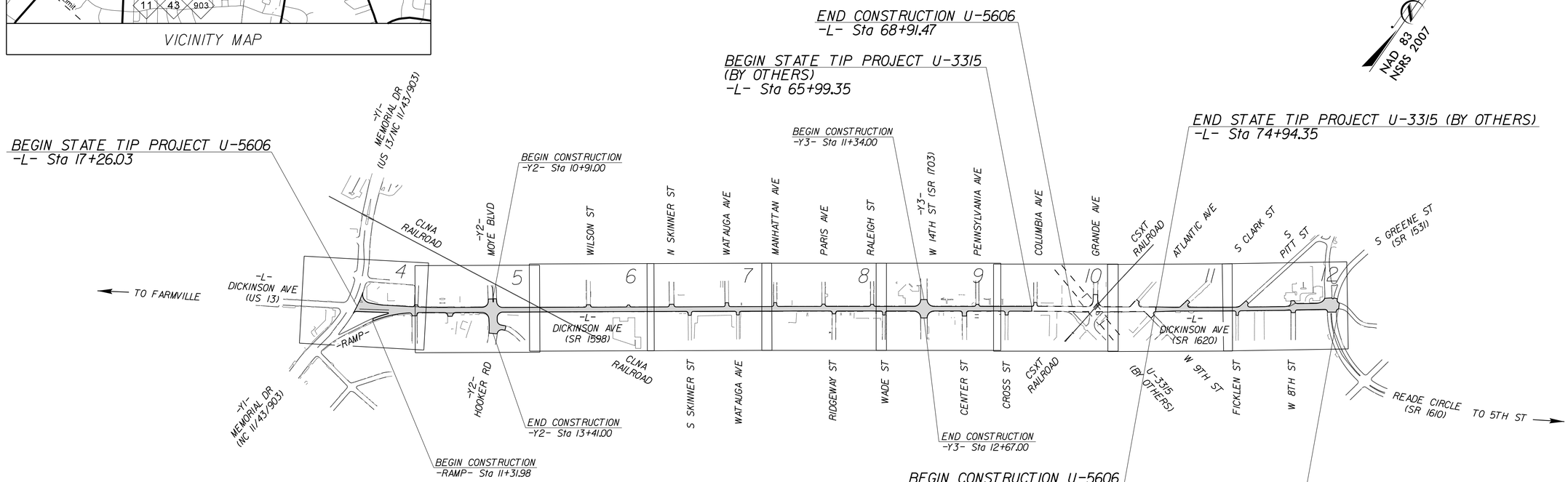
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5606	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
45834.1.1	STP-1598(3)	P.E.
45834.2.2	STP-1598(3)	R/W & UTIL.

LOCATION: ***SR 1598 (DICKINSON AVENUE) – FROM NC 11 (MEMORIAL DRIVE) TO SR 1610 (READE CIRCLE)***

TYPE OF WORK: ***GRADING, DRAINAGE, PAVING, SIGNALS, AND SIGNING***

NAD 83
NSRS 2007



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III
THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF GREENVILLE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CONTRACT:

GRAPHIC SCALES

PLANS: 30 15 0 30 60
PROFILE (HORIZONTAL): 30 15 0 30 60
PROFILE (VERTICAL): 5 2.5 0 5 10

DESIGN DATA

ADT 2016 = 13,100 VPD
ADT 2036 = 15,100 VPD
K = 9%
D = 55%
T = 3% *
V = 40 mph

* (TTST 1% + DUAL 2%)

FUNCTIONAL CLASSIFICATION:
URBAN ARTERIAL
SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5606 = 1.343 MILES

TOTAL LENGTH TIP PROJECT U-5606 = 1.343 MILES

PLANS PREPARED FOR THE NCDOT BY:

Kimley»Horn ©2016
NC LICENSE #F-0102
P.O. BOX 33068
RALEIGH, NORTH CAROLINA 27636
PHONE: (919) 677-2000

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JUNE 15, 2016

LETTING DATE:
JUNE 19, 2018

JEFFREY W. MOORE, P.E.
PROJECT ENGINEER

J. JASON PACE, P.E.
PROJECT DESIGN ENGINEER

GARY LOVERING, P.E.
PROJECT ENGINEER
NCDOT ROADWAY DESIGN

HYDRAULICS ENGINEER

SIGNATURE: ***P.E.***

ROADWAY DESIGN ENGINEER

SIGNATURE: ***P.E.***

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION

K:\RAL_Roadway\OII\036243 - U-5606 Dickinson Avenue\Roadway\Proj\u5606_rdy_tstsdgn

6/15/2016

04/06/15

PROJECT REFERENCE NO.	SHEET NO.
U-5606	1B

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale **S.U.E. = Subsurface Utility Engineering*

BOUNDARIES AND PROPERTY:

- State Line
- County Line
- Township Line
- City Line
- Reservation Line
- Property Line
- Existing Iron Pin — EIP
- Property Corner
- Property Monument — ECM
- Parcel/Sequence Number — 123
- Existing Fence Line
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Existing Wetland Boundary — WLB
- Proposed Wetland Boundary — WLB
- Existing Endangered Animal Boundary — EAB
- Existing Endangered Plant Boundary — EPB
- Existing Historic Property Boundary — HPB
- Known Contamination Area: Soil
- Potential Contamination Area: Soil
- Known Contamination Area: Water
- Potential Contamination Area: Water
- Contaminated Site: Known or Potential

BUILDINGS AND OTHER CULTURE:

- Gas Pump Vent or U/G Tank Cap
- Sign — S
- Well — W
- Small Mine
- Foundation
- Area Outline
- Cemetery
- Building
- School
- Church
- Dam

HYDROLOGY:

- Stream or Body of Water
- Hydro, Pool or Reservoir
- Jurisdictional Stream — JS
- Buffer Zone 1 — BZ 1
- Buffer Zone 2 — BZ 2
- Flow Arrow
- Disappearing Stream
- Spring
- Wetland
- Proposed Lateral, Tail, Head Ditch — FLOW
- False Sump

RAILROADS:

- Standard Gauge — CSX TRANSPORTATION
- RR Signal Milepost — MILEPOST 35
- Switch — SWITCH
- RR Abandoned
- RR Dismantled

RIGHT OF WAY:

- Baseline Control Point
- Existing Right of Way Marker
- Existing Right of Way Line
- Proposed Right of Way Line — RW
- Proposed Right of Way Line with Iron Pin and Cap Marker — RW
- Proposed Right of Way Line with Concrete or Granite R/W Marker — RW
- Proposed Control of Access Line with Concrete C/A Marker — CA
- Existing Control of Access — CA
- Proposed Control of Access — CA
- Existing Easement Line — E
- Proposed Temporary Construction Easement — E
- Proposed Temporary Drainage Easement — TDE
- Proposed Permanent Drainage Easement — PDE
- Proposed Permanent Drainage / Utility Easement — DUE
- Proposed Permanent Utility Easement — PUE
- Proposed Temporary Utility Easement — TUE
- Proposed Aerial Utility Easement — AUE
- Proposed Permanent Easement with Iron Pin and Cap Marker

ROADS AND RELATED FEATURES:

- Existing Edge of Pavement
- Existing Curb
- Proposed Slope Stakes Cut — C
- Proposed Slope Stakes Fill — F
- Proposed Curb Ramp — CR
- Existing Metal Guardrail
- Proposed Guardrail
- Existing Cable Guiderail
- Proposed Cable Guiderail
- Equality Symbol
- Pavement Removal

VEGETATION:

- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard
- Vineyard — Vineyard

EXISTING STRUCTURES:

MAJOR:

- Bridge, Tunnel or Box Culvert — CONC
- Bridge Wing Wall, Head Wall and End Wall — CONC WW

MINOR:

- Head and End Wall — CONC HW
- Pipe Culvert
- Footbridge
- Drainage Box: Catch Basin, DI or JB — CB
- Paved Ditch Gutter
- Storm Sewer Manhole — S
- Storm Sewer — S

UTILITIES:

POWER:

- Existing Power Pole
- Proposed Power Pole
- Existing Joint Use Pole
- Proposed Joint Use Pole
- Power Manhole — P
- Power Line Tower
- Power Transformer
- U/G Power Cable Hand Hole
- H–Frame Pole
- U/G Power Line LOS B (S.U.E.*) — P
- U/G Power Line LOS C (S.U.E.*) — P
- U/G Power Line LOS D (S.U.E.*) — P

TELEPHONE:

- Existing Telephone Pole
- Proposed Telephone Pole
- Telephone Manhole — T
- Telephone Pedestal — T
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole — TH
- U/G Telephone Cable LOS B (S.U.E.*) — T
- U/G Telephone Cable LOS C (S.U.E.*) — T
- U/G Telephone Cable LOS D (S.U.E.*) — T
- U/G Telephone Conduit LOS B (S.U.E.*) — TC
- U/G Telephone Conduit LOS C (S.U.E.*) — TC
- U/G Telephone Conduit LOS D (S.U.E.*) — TC
- U/G Fiber Optics Cable LOS B (S.U.E.*) — T FO
- U/G Fiber Optics Cable LOS C (S.U.E.*) — T FO
- U/G Fiber Optics Cable LOS D (S.U.E.*) — T FO

WATER:

- Water Manhole — W
- Water Meter
- Water Valve
- Water Hydrant
- U/G Water Line LOS B (S.U.E*) — W
- U/G Water Line LOS C (S.U.E*) — W
- U/G Water Line LOS D (S.U.E*) — W
- Above Ground Water Line — A/G Water

TV:

- TV Pedestal — C
- TV Tower
- U/G TV Cable Hand Hole — TH
- U/G TV Cable LOS B (S.U.E.*) — TV
- U/G TV Cable LOS C (S.U.E.*) — TV
- U/G TV Cable LOS D (S.U.E.*) — TV
- U/G Fiber Optic Cable LOS B (S.U.E.*) — TV FO
- U/G Fiber Optic Cable LOS C (S.U.E.*) — TV FO
- U/G Fiber Optic Cable LOS D (S.U.E.*) — TV FO

GAS:

- Gas Valve
- Gas Meter
- U/G Gas Line LOS B (S.U.E.*) — G
- U/G Gas Line LOS C (S.U.E.*) — G
- U/G Gas Line LOS D (S.U.E.*) — G
- Above Ground Gas Line — A/G Gas

SANITARY SEWER:

- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- U/G Sanitary Sewer Line — SS
- Above Ground Sanitary Sewer — A/G Sanitary Sewer
- SS Forced Main Line LOS B (S.U.E.*) — FSS
- SS Forced Main Line LOS C (S.U.E.*) — FSS
- SS Forced Main Line LOS D (S.U.E.*) — FSS

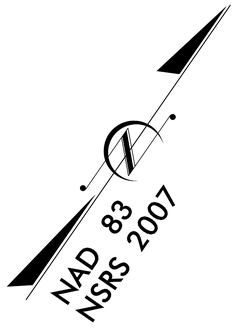
MISCELLANEOUS:

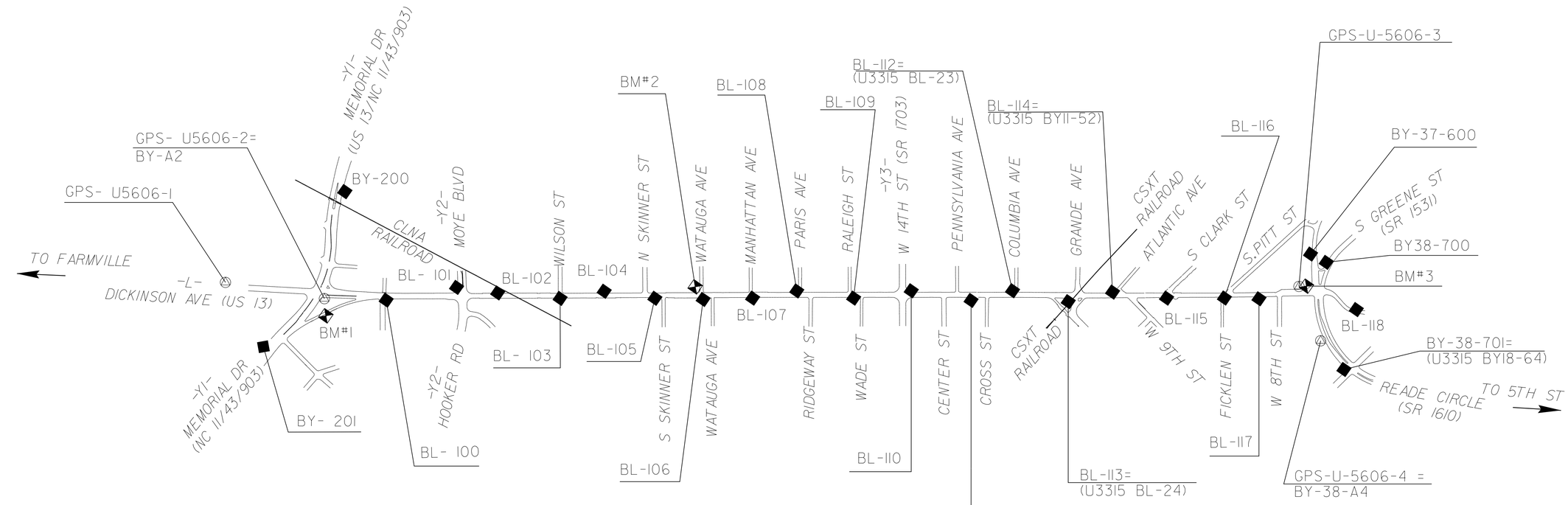
- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box — S
- Utility Unknown U/G Line LOS B (S.U.E.*) — ?UTL
- U/G Tank; Water, Gas, Oil
- Underground Storage Tank, Approx. Loc. — UST
- A/G Tank; Water, Gas, Oil
- Geoenvironmental Boring
- U/G Test Hole LOS A (S.U.E.*)
- Abandoned According to Utility Records — AATUR
- End of Information — E.O.I.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	1C-1
Location and Surveys	

SURVEY CONTROL SHEET U-5606

REVISIONS





DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U3315-4" WITH NAD 83/2007 STATE PLANE GRID COORDINATES OF NORTHING: 681564.983(ft) EASTING: 2479349.150(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999894531 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U5606-4" TO -L- STATION 10+00.00 IS S 58°05'55.28" W 7786.3978' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

1. *THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT: HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/PAGES/DEFAULT.ASPX*

   THE FILES TO BE FOUND ARE AS FOLLOWS: U5606_LS_CONTROL.TXT

   SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

△ *INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.*
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

K:\RAL_Roadway\0I\036243 - U-5606 Dickinson Avenue\Roadway\Pro\u5606_ls_IC-1.dgn

6/6/2016

PROJECT REFERENCE NO.	SHEET NO.
U-5606	1C-2
Location and Surveys	

SURVEY CONTROL SHEET U-5606

REVISIONS

BENCHMARK DATA

```
**********************************************
BM#1        ELEVATION = 70.04
N 676754       E 2477234
L STATION 17+48.94 165.97 RIGHT
RR SPIKE IN PAVED PARKING LOT
**********************************************

**********************************************
BM#2        ELEVATION = 66.26
N 678413       E 2479303
L STATION 43+86.18 38 37.68 LEFT
RR SPIKE IN EDGE OF PAVEMENT
**********************************************

**********************************************
BM#3        ELEVATION = 44.82
N 680879       E 2482816
L STATION 86+79.89 44.26 LEFT
RR SPIKE IN PAVED PARKING LOT
**********************************************
```

BASELINE DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	U5606-1	676544.2920	2476514.7360	70.23	10+26.53	31.42 LT
2	U5606-2	676848.6510	2477155.5820	72.43	17+31.86	44.93 RT
100	BL-100	677088.8212	2477520.8508	68.77	21+68.49	31.81 RT
101	BL-101	677446.4921	2477878.6379	69.14	26+65.15	60.65 LT
102	BL-102	677579.9907	2478140.1112	57.33	29+55.95	20.36 LT
103	BL-103	677799.7785	2478525.1129	61.92	33+97.44	19.92 RT
104	BL-104	678019.0517	2478752.7802	62.50	37+09.65	29.47 LT
105	BL-105	678182.5623	2479075.6935	63.57	40+68.01	21.40 RT
106	BL-106	678370.4790	2479361.1409	66.43	44+09.63	30.80 RT
107	BL-107	678577.1806	2479643.6210	66.31	47+59.57	23.11 RT
108	BL-108	678797.0368	2479871.3328	66.61	50+72.05	27.46 LT
109	BL-109	678984.5522	2480230.8016	69.77	54+74.31	23.18 RT
110	BL-110	679259.2273	2480536.3485	66.43	58+81.91	28.53 LT
111	U3315 BY11-53	679444.4140	2480922.9660	63.71	63+05.16	39.48 RT
112	U3315 BL-23	679667.8180	2481124.8350	63.98	65+98.30	29.15 LT
113	U3315 BL-24	679828.6160	2481493.1030	58.34	69+92.91	46.07 RT
114	U3315 BY11-52	680063.3888	2481712.1135	53.52	73+06.23	24.17 LT
115	BL-115	680245.8643	2482050.8868	47.18	76+88.65	19.95 RT
116	BL-116	680479.3440	2482386.7014	44.65	80+97.52	20.84 RT
117	BL-117	680617.0030	2482591.3209	43.49	83+44.06	27.03 RT
3	U5606-3	680846.9640	2482773.8160	44.71	86+26.99	43.12 LT
118	BL-118	680943.5850	2483200.2470	44.82	90+78.97	15.44 LT

BY

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
200	BY-200	677553.1400	2476842.9370	71.71	11+72.20	54.98 LT
A2	GPS U5606-2	676848.6510	2477155.5820	72.43	19+30.98	63.94 LT
201	BY-201	676322.8070	2476994.5150	70.49	24+57.08	43.35 RT

BY37

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
600	BY36-600	681081.8940	2482710.3720	45.23	87+12.37	270.99 LT
A4	GPS U5606-4	680618.4160	2483118.9260	41.45	90+02.11	295.90 RT

BY38

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
700	BY37-700	681096.8360	2482834.9760	45.17	88+15.32	210.68 LT
A4	GPS U5606-4	680618.4160	2483118.9260	41.45	90+02.11	295.90 RT
701	U-3315 BY18_64	680545.4540	2483369.8380	38.99	90+71.79	417.10 RT

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U3315-4"
WITH NAD 83/2007 STATE PLANE GRID COORDINATES OF
NORTHING: 681564.983(ft) EASTING: 2479349.150(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999894531
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"U5606-4" TO -L- STATION 10+00.00 IS
S 58°05'55.28" W 7786.3978'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

1. *THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT: HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/PAGES/DEFAULT.ASPX*

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PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

NOTE: DRAWING NOT TO SCALE

K:\RAL_Roadway\OI\036243 - U-5606 Dickinson Avenue\Roadway\Proj\u5606_ls_JC-2.dgn
6/6/2016

REVISIONS

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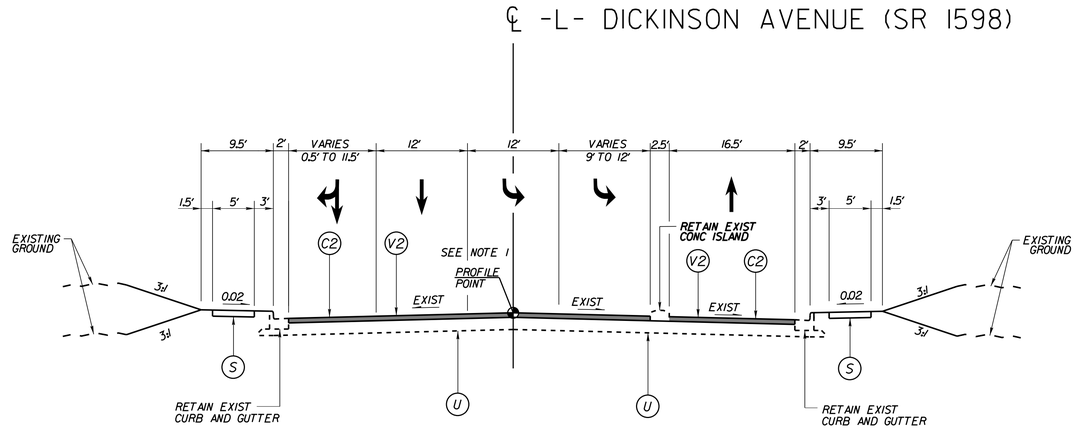
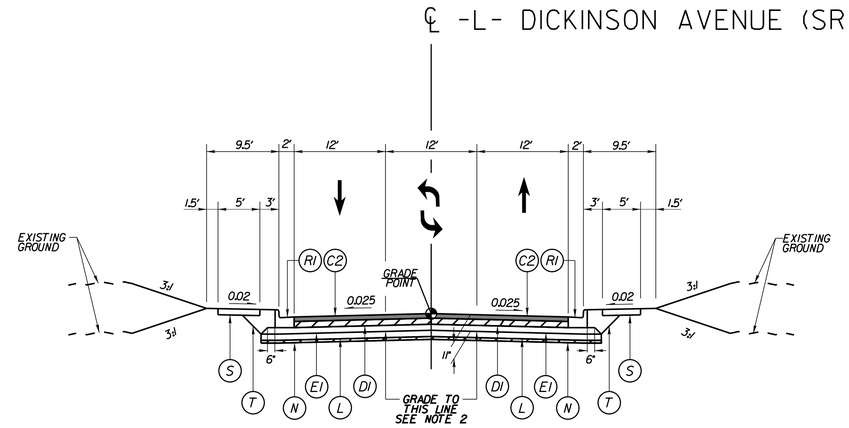
6/6/2016



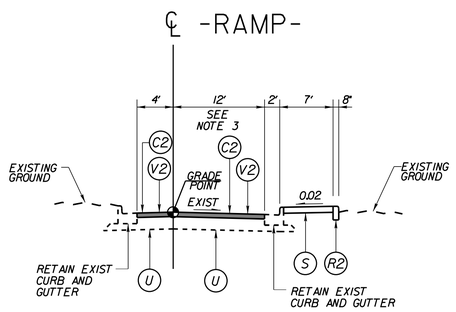
TYPICAL SECTION NO. 1

-L- STA 17+26.03 TO STA 18+97.00



TYPICAL SECTION NO. 2

-L- STA 18+97.00 TO STA 26+62.00



TYPICAL SECTION NO. 3

-RAMP- STA 11+40.00 TO STA 14+80.00

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RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	2A-1
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

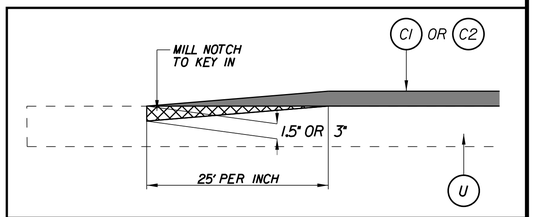
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PAVEMENT SCHEDULE

(FINAL PAVEMENT DESIGN)

C1	PROPOSED APPROX 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROPOSED APPROX 3" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.IN EACH OF TWO LAYERS
D1	PROPOSED APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ.YD.
E1	PROPOSED APPROX. 4" ASPHALT CONCRETE BASE COURSE TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ.YD.
L	8" CLASS IV AGGREGATE STABILIZATION,TYPE 4
N	GEOTEXTILE FOR SOIL STABILIZATION
R1	PROPOSED 2'-6" CONCRETE CURB & GUTTER
R2	PROPOSED 8" X 18" CONCRETE CURB
S	PROPOSED 4" CONCRETE SIDEWALK
T	EARTH MATERIAL
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT,1.5" DEPTH (SEE DETAIL,THIS SHEET)
V2	MILLING ASPHALT PAVEMENT,3" DEPTH (SEE DETAIL,THIS SHEET)

NOTES:
1. MILL NOTCH TO KEY-IN S9.5B FROM -L- STA 17+26.03 TO 18+01.03
2. REMOVE EXIST ASPHALT AND CONCRETE PAVEMENT TO SUBGRADE
3. REMOVE AND REPLACE ASPHALT PAVEMENT AND CURB AND GUTTER -RAMP- STA 12+55.00 TO 14+08.99 (MATCH -L- PAVEMENT SECTION ON TYPICAL SECTION NO.2)
4. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED



PROFILE KEY-IN DETAIL

REVISIONS

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RIGHT-OF-WAY REV.

CONST. REV.

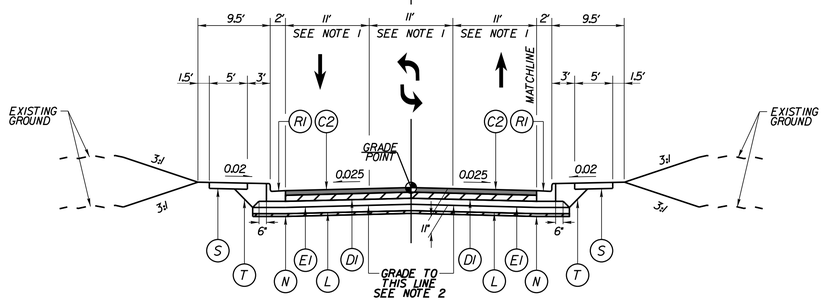
PROJECT REFERENCE NO.	SHEET NO.
U-5606	2A-2
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PAVEMENT SCHEDULE
(FINAL PAVEMENT DESIGN)

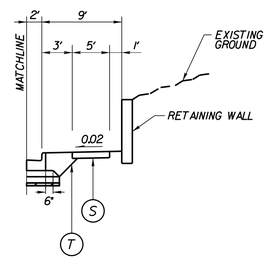
CI	1.5" S9.5B
C2	3" S9.5B
DI	4" 119.0B
EI	4" B25.0B
L	8" CLASS IV AGGREGATE STABILIZATION, TYPE 4
N	GEOTEXTILE FOR SOIL STABILIZATION
RI	2'-6" CONCRETE CURB & GUTTER
R2	8" X 18" CONCRETE CURB
S	4" CONCRETE SIDEWALK
T	EARTH MATERIAL
U	EXISTING PAVEMENT
VI	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
V2	MILLING ASPHALT PAVEMENT, 3" DEPTH

℄ -L- DICKINSON AVENUE (SR 1598)



TYPICAL SECTION NO. 4

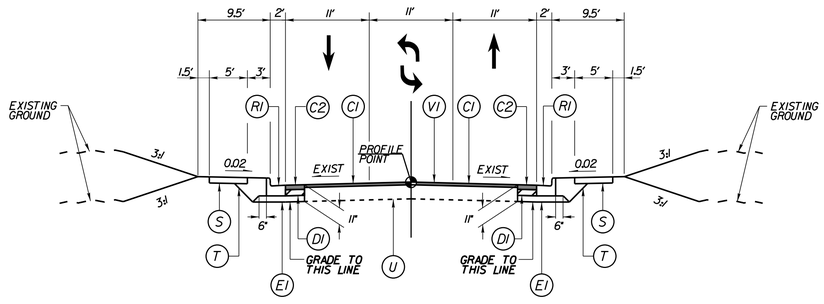
-L- STA 26+62.00 TO STA 32+25.00
-L- STA 41+52.00 TO STA 65+99.35



TYPICAL SECTION NO. 4A

-L- STA 28+50.00 TO STA 28+93.65 (RT)
-L- STA 29+00.00 TO STA 29+64.37 (LT)
-L- STA 29+00.32 TO STA 29+49.84 (RT)
-L- STA 31+49.63 TO STA 32+94.87 (LT)
-L- STA 31+84.21 TO STA 32+09.50 (RT)

℄ -L- DICKINSON AVENUE (SR 1598)



TYPICAL SECTION NO. 5

-L- STA 32+25.00 TO STA 41+52.00

NOTES:
1. LANE WIDTHS VARY THROUGH INTERSECTION FROM -L- STA 26+62.00 TO 27+50.00
2. REMOVE EXIST ASPHALT AND CONCRETE PAVEMENT TO SUBGRADE
3. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED

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6/6/2016

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RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	2A-3

ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

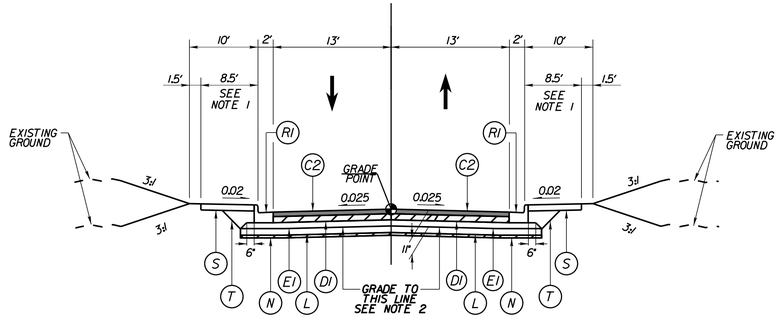
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

PAVEMENT SCHEDULE
(FINAL PAVEMENT DESIGN)

CI	1.5" S9.5B
C2	3" S9.5B
DI	4" I19.0B
EI	4" B25.0B
L	8" CLASS IV AGGREGATE STABILIZATION, TYPE 4
N	GEOTEXTILE FOR SOIL STABILIZATION
RI	2'-6" CONCRETE CURB & GUTTER
R2	8" X 18" CONCRETE CURB
S	4" CONCRETE SIDEWALK
T	EARTH MATERIAL
U	EXISTING PAVEMENT
VI	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
V2	MILLING ASPHALT PAVEMENT, 3" DEPTH

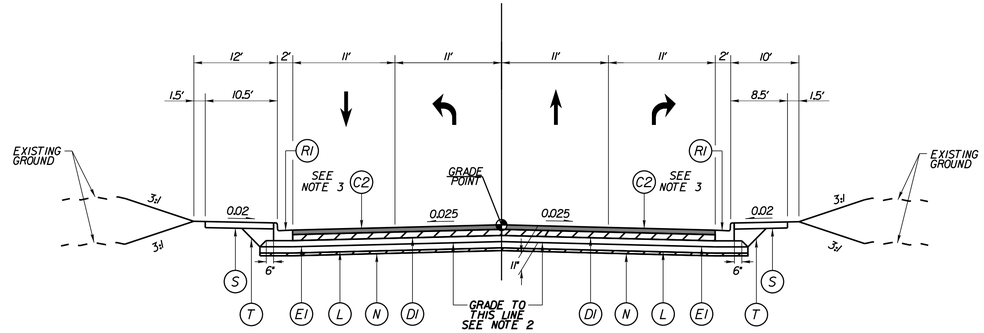
℄ -L- DICKINSON AVENUE (SR 1620)



TYPICAL SECTION NO. 6

-L- STA 74+94.35 TO STA 84+69.90

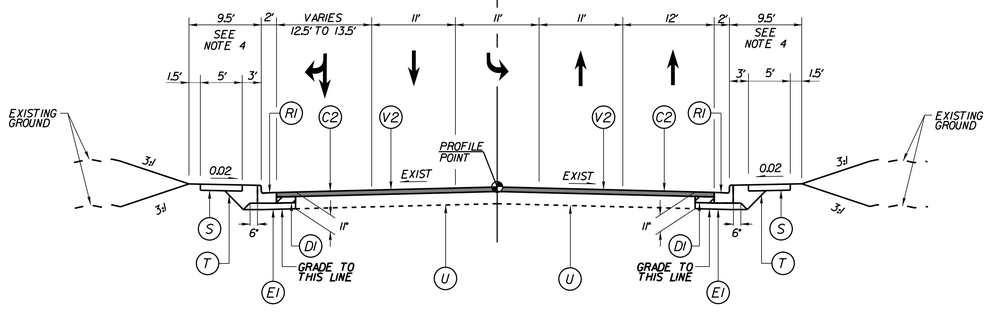
℄ -L- DICKINSON AVENUE (SR 1620)



TYPICAL SECTION NO. 7

-L- STA 84+69.90 TO STA 88+19.00

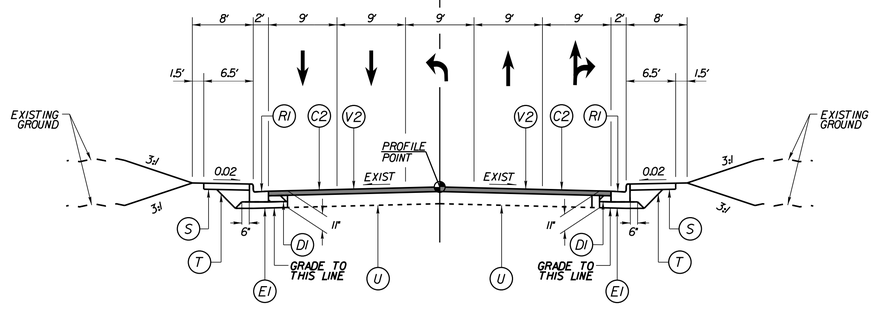
℄ -Y2- HOOKER ROAD



TYPICAL SECTION NO. 8

-Y2- STA 10+91.00 TO STA 11+23.00
-Y2- STA 12+15.00 TO STA 13+41.00

℄ -Y3- W 14TH STREET (SR 1703)



TYPICAL SECTION NO. 9

-Y3- STA 11+34.00 TO STA 11+48.00
-Y3- STA 12+56.00 TO STA 12+67.00

NOTES:
1. SIDEWALK TO EXTEND TO BUILDING FACE WHERE APPLICABLE
2. REMOVE EXIST ASPHALT AND CONCRETE PAVEMENT TO SUBGRADE
3. MILL AND RESURFACE EXIST ASPHALT PAVEMENT (3") FROM -L- STA 87+36.19 TO 88+19.00
4. RETAIN EXIST SIDEWALK AND 2'-6" CURB AND GUTTER FROM -Y2- STA 12+78.49 TO 13+41.00
5. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED

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6/6/2016

PROJ. REFERENCE NO.	SHEET NO.
U-5606	3P-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PARCEL INDEX SHEET

PARCEL No.	SHEET No.	PROPERTY OWNER NAME	DEED BOOK
1	4	J. T. MANNING	DB 2569 PG 566
2	4	ARTHUR J. DELLANO	DB 3206 PG 351
3	4	JAMES R. WALKER, JR.	DB 85 PG 177
4	4	JOSEPH HIGGS GOODSON	DB N52 PG 79
5	4	MITCHELL ANDREWS	DB1559 PG 462
6	4, 5	THOMAS RAY CANNON	DB 590 PG 45
7	4, 5	CARAWAN OIL COMPANY INC.	UNKNOWN
8	5	OSCAR L. HOLLOMAN	DB 778 PG 858
9	5	JIMMY R. NOBLES	DB 142 PG 629
10	5	GREGORY EVERETTE FLOYD	DB 2705 PG 457
11	5	CITY OF GREENVILLE	UNKNOWN
12	5, 6	MOHAWK CARPET CORPORATION	DB 449 PG 726
13	6	NORFOLK SOUTHERN RR. CO.	UNKNOWN
14	6	HOME BUILDERS AND SUPPLY CO.	DB 781 PG 862
15	6	TAYLOR CAPITAL, LLC	DB 2962 PG 170
16	6	BLUEMAX RENTALS, LLC	DB 2583 PF 454
17	6	JESUS GONZALES	DB 1707 PG 397
18	6	RICHARD D. LAW	DB 626 PG 253
19	6 ,7	MAGDY TAHA	DB 2372 PG 199
20	6, 7	JONATHAN K. SUTTON	DB 2251 PG 860
21	7	EUGENE A. SWINDELL	DB 345 PG 574
22	7	TAYLOR CAPITAL, LLC	DB 2962 PG 170
23	7	WILLIS COMMERCIAL PROPERTIES, LLC	DB 3330 PG 58
24	7	TAHAS PROPERTIES, LLC	DB 3260 PG 296
25	7	WARREN B. CADE	DB 1657 PG 594
26	7	SAAD RENTALS LLC	DB 1936 PG 60
27	7	TONY R. ANDREWS	DB 1069 PG 615
28	7, 8	DELORES CARAWAN BUCK	DB 1992E PG 408
29	7, 8	MICHAEL W. KENNEDY	DB 2566 PG 181
30	8	OSCAR L. HOLLOMAN	DB 906 PG 77
31	8	CHRISTOPHER W. NUNNALLY	DB 3166 PG 1
33	8	ALEJANDRO MIRANDA	DB 3255 PG 696
35	8	THOMAS R. HINES	DB 1325 PG 244
37	8	MICHAEL L. SUTTON	DB A54 PG 773
38	8	AMANDO E. PENA	DB 1602 PG 500

PARCEL No.	SHEET No.	PROPERTY OWNER NAME	DEED BOOK
38	8	AMANDO E. PENA	DB 915 PG 139
39	8	RONALD MILLER	DB 2992 PG 422
41	8	EPK & ASSOCIATES, LLC	DB 2406 PG 334
42	8	DAVID DOUGLAS	DB 1046 PG 279
43	8, 9	PRINCE PROPERTIES OF GREENVILLE INC.	DB 2792 PG 772
44	8	NICHOLAS WALLACE	DB 2448 PG 592
45	8, 9	OSCAR L. HOLLOMAN	DB 2117 PG 678
46	9	JEFFERY SCOTT CZARNECKI	DB 3148 PG 213
47	9	T DEEC HOLDINGS, LLC	DB 2868 PG 649
47	9	T DEEC HOLDINGS, LLC	DB 2918 PG 510
48	9	A TOUCH OF GODS PRESENCE MINISTRIES INC.	DB 2698 PG 728
50	9	WILLIAM GRAY BLOUNT, JR.	UNKNOWN
51	9	INDY I, LLC	UNKNOWN
52	9	BRODERICK BEST	DB 2870 PG 590
52	9	BRODERICK BEST	DB 2812 PG 692
53	9	SCF PROPERTIES, LLC	DB 2653 PG 382
55	9	OSCAR L. HOLLOMAN	DB 693 PG 451
56	9	JULIUS S. SUMMRELL	DB 695 PG 824
57	9	LUDLOW MANAGEMENT, LLC	DB 2579 PG 719
58	9, 10	ROBERT S. MOYE HEIRS C/O ROBERT S. MOYE, JR.	DB G 8, PG 276
59	9	BISHOP ARIZONA H. HARTSFIELD	DB 127 PG 547
60	9, 10	JAMES A. BROWN & ARIZONA H. HARTSFIELD	DB 169, PG 199, DB 241, PG 240
61	10	LOUISE FINK DUNCAN & MARY ANN DUNCAN GROOME	DB U 20, PG 85, ESTATE 97E, PG 558
62	10	COUNTRY FARMS, LLC	UNKNOWN
63	10	MICHAEL WHITE	DB 3182 PG 46
64	10	TAYLOR CAPITAL, LLC	DB 2962 PG 170
65	10	LUDLOW MANAGEMENT, LLC	DB 2579 PG 719
67	10	COREY HERBERT	DB 2870 PG 629
68	10	DEPARTMENT OF TRANSPORTATION	UNKNOWN
69	11	CITY OF GREENVILLE	DB 3035 PG 638
70	11	SAAD RENTALS, LLC	DB 2700 PG 7
72	11	Z RENTALS LLC	DB 3133 PG 580
73	11	OSCAR HOLLOMAN	DB 2286 PG 539
74	11	DEPARTMENT OF TRANSPORTATION	DB 3278 PG 539
75	11	MERRITT RENTALS, LLC	DB 2539 PG 505

PROJ. REFERENCE NO.	SHEET NO.
U-5606	3P-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PARCEL INDEX SHEET

PARCEL No.	SHEET No.	PROPERTY OWNER NAME	DEED BOOK
76	11	JAMES ANTHONY CARRAWAY	DB 853 PG 277
77	11,12	TARHEEL HOLDINGS, LLC	NO RECORDS
77	11, 12	TARHEEL HOLDINGS, LLC	DB 2720 PG 360
77	11, 12	TARHEEL HOLDINGS, LLC	DB 2294 PG 592
79	11	MALI, LLC	DB 2681 PG 783
80	11, 12	ELCKO INC.	DB 319 PG 420
82	12	JOYNER COMMERICAL RENTALS, LLC	DB 3125 PG 672
86	11, 12	OMG PROPERTIES, LLC	DB 3312 PG 626
87	12	REDEVELOPMENT COMMISSION OF GREENVILLE	DB 2818 PG 757, MB 16 PG 37
88	12	NC BREWING VENTURES, LLC	DB 3277 PG 492
89	12	CITY CENTER, LLC	DB 2454 PG 808, MB 69 PG 174
91	12	JOYNER COMMERICAL RENTALS, LLC	DB 3125 PG 672
92	12	RAYN ENTERPRISES, LLC	DB 2381 PG 536, MB 1 PG 79
93	12	BARBARA ANNE CREECH GARRIS	DB 2553 PG 93, MB 1 PG 79
94	12	CITY OF GREENVILLE	NO RECORDS
95	12	ALISON NICOLE THOMPSON	DB 1878 PG 190
96	12	CITY CENTER, LLC	DB 2184 PG 420
97	12	READE VENTURES, LLC	DB 2299 PG 345
99	12	CITY OF GREENVILLE	NO RECORDS

PARCEL No.	SHEET No.	PROPERTY OWNER NAME	DEED BOOK

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM

-L-
PI Sta 22+35.26
△ = 3° 21' 08.7" (LT)
D = 1° 38' 13.3"
L = 204.79'
T = 102.42'
R = 3,500.00'
SE = SEE PLANS
RO = SEE PLANS

-Y1-
PI Sta 18+66.67
△ = 43° 31' 23.9" (RT)
D = 7° 00' 00.0"
L = 621.76'
T = 326.75'
R = 818.51'
SE = EXISTING
RO = EXISTING

-RAMP-
PI Sta 12+83.37
△ = 28° 58' 33.3" (RT)
D = 7° 12' 25.3"
L = 402.05'
T = 205.42'
R = 795.00'
SE = EXISTING
RO = EXISTING

2016 ADT / 2036 ADT	-Y1- MEMORIAL DRIVE (US 13/NC 11/43/903)	DHV = 9%, DIR = 65%, TTST = 1%, DUAL = 2%	
	21200 / 23600		
DHV = 9%, DIR = 60%, TTST = 1%, DUAL = 2%	3700 / 4000	900 / 1400	10500 / 11700
10600 / 11800	-L- DICKINSON AVENUE (US 13)		-L- DICKINSON AVENUE (SR 1598)
	800 / 1300	3500 / 3800	DHV = 8%, DIR = 55%, TTST = 1%, DUAL = 2%
	20900 / 23300		
DHV = 9%, DIR = 60%, TTST = 1%, DUAL = 2%	-Y1- MEMORIAL DRIVE (NC 11/43/903)		

REVISIONS

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	4
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007

BEGIN TIP PROJECT U-5606
BEGIN CONSTRUCTION
-L- POT Sta.17+26.03
BEGIN MILLING AND RESURFACING

-L- POT Sta.16+82.31 =
-Y1- POC Sta.19+12.05
△ = 114° 25' 52.69"

-L- PC Sta. 21+32.84

END MILLING AND RESURFACING
BEGIN PAVEMENT REMOVAL AND REPLACEMENT
-L- POT Sta.18+97.00

END MILLING AND RESURFACING
BEGIN PAVEMENT REMOVAL AND REPLACEMENT
-RAMP- POC Sta.12+55.00

-RAMP- POC Sta.11+40.00
BEGIN MILLING AND RESURFACING
BEGIN CONSTRUCTION
-RAMP- POC Sta.11+31.98

-RAMP- PC Sta. 10+77.95

-RAMP- POT Sta. 10+00.00

-Y1- PT Sta. 21+61.69

-RAMP- PT Sta. 14+80.00 =
-L- POC Sta.21+74.70 (12' RT)

-BL- 100

GPS- U5606-2 =
-BY- A2

-L- DICKINSON AVE (US 13)
N 58° 25' 04.2" E

DICKINSON AVE (SR 1598)
N 58° 25' 04.2" E

-Y1- MEMORIAL DR (NC 11/43/903)

-RAMP- N 28° 45' 23.8" E

S 10° 19' 25.0" W

-L- TRUMAN ST

MATCHLINE -L- STA 22+00 (SEE SHEET 5)

D&J BAKER HOLDINGS, LLC
DB 2201 PG 467

PGHT, LLC
DB 2855 PG 358

LARUE H. HADDOCK
DB 827 PG 641

LARUE H. HADDOCK
DB 850 PG 45

JOHN A. CONWAY III
DB 447 PG 240

(1) J. T. MANNING
DB 2569 PG 566

(2) ARTHUR J. DELLANO
DB 3206 PG 351

(3) JAMES R. WALKER JR.
DB 85 PG 177

(4) JOSEPH HIGGS GOODSON
DB N52 PG 79

(5) MITCHELL ANDREWS
DB 1559 PG 462

(6) THOMAS RAY CANNON
DB 590 PG 45

(7) CARAWAN OIL COMPANY INC.
DB UNKNOWN

R W HAWLEY TRUST
DB UNKNOWN

WILLIAM WESTON MORRIS
DB 1328 PG 663

JOY LUCK CO. LLC
DB 3002 PG 855

NOTE (APPLIES TO ALL SHEETS): CONTRACTOR HAS THE OPTION TO PLUG, FILL, AND ABANDON SECTIONS OF EXISTING STORMWATER PIPE TO BE REMOVED WHERE REMOVAL IS HINDERED BY CONFLICTS WITH UTILITIES OR OTHER CIRCUMSTANCES. AREAS TO BE DETERMINED BY THE FIELD ENGINEER.

RADII DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED (APPLIES TO ALL SHEETS)

SEE SHEET 13 FOR -L- PROFILE
SEE SHEET 17 FOR -RAMP- PROFILE

K:\RAL_Roadway\01036243 - U-5606 Dickinson Avenue\Roadway\Pro\u5606_rdy_pstR04.dgn
6/15/2016

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM

	2016 ADT / 2036 ADT		
-L- DICKINSON AVENUE (SR 1598)	10500 / 11700	600 / 900	1400 / 1800
	1100 / 1500	2800 / 3500	
-Y2- MOYE BOULEVARD (SR 1139)	10600 / 11800		
	12500 / 14000		
-L- DICKINSON AVENUE (SR 1598)	13000 / 14600		

DHV = 8%, DIR = 55%, TTST = 1%, DUAL = 2%
DHV = 10%, DIR = 65%, TTST = 1%, DUAL = 2%
DHV = 9%, DIR = 55%, TTST = 1%, DUAL = 2%
DHV = 9%, DIR = 65%, TTST = 1%, DUAL = 2%

-L-
PI Sta 22+35.26
Δ = 3° 21' 08.7" (LT)
D = 1° 38' 13.3"
L = 204.79'
T = 102.42'
R = 3,500.00'
SE = SEE PLANS
RO = SEE PLANS

-Y2-
PI Sta 13+76.05
Δ = 22° 00' 37.0" (RT)
D = 11° 27' 33.0"
L = 192.08'
T = 97.24'
R = 500.00'
SE = EXISTING
RO = EXISTING

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	5
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

NAD 83/NSRS 2007

BEGIN CONSTRUCTION
-Y2- POT Sta.10+91.00
BEGIN MILLING AND RESURFACING (3" DEPTH)

-Y2- POT Sta. 10+00.00

-L- POT Sta. 27+06.73 = -Y2- POT Sta. 11+70.00
Δ = 88° 06' 04.84"

-L- PT Sta. 23+37.63

-Y2- PC Sta. 12+78.81

END CONSTRUCTION
-Y2- POC Sta.13+41.00
END MILLING AND RESURFACING (3" DEPTH)

END CONSTRUCTION
-Y2- POC Sta.13+15.00 (84.19' LT)
END MILLING AND RESURFACING (3" DEPTH)

-Y2- PT Sta. 14+70.89

CLNA RAILROAD

-Y2- MOYE BLVD (SR 1139) S 36° 49' 59.7" E

-L- DICKINSON AVE (SR 1598) N 55° 03' 55.5" E

-Y2- HOOKER RD

COZART ST

MATCHLINE -L- STA 22+00 (SEE SHEET 4)

MATCHLINE -L- STA 30+00 (SEE SHEET 6)

(7) CARAWAN OIL COMPANY INC. DB UNKNOWN

(6) THOMAS RAY CANNON DB 590 PG 45

(8) OSCAR L. HOLLOMAN DB 778 PG 858

(9) JIMMY R. NOBLES DB 142 PG 629

(10) GREGORY EVERETTE FLOYD DB 2705 PG 457

(11) CITY OF GREENVILLE DB UNKNOWN

(12) MOHAWK CARPET CORPORATION DB 449 PG 726

MARJORIE CLARK WEATHERS HEIRS DB 125 PG 294

CITY OF GREENVILLE DB 2678 PG 335

PIGGLY WIGGLY

STRUCTURES NOT SURVEYED IN FIELD

SEE SHEET 13 FOR -L- PROFILE

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6/15/2016

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	6
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007

(13) NORFOLK SOUTHERN RR CO. DB UNKNOWN

(14) HOME BUILDERS AND SUPPLY CO. DB 781 PG 862

(16) BLUEMAX RENTALS, LLC DB 2583 PG 454

(17) JESUS GONZALES DB 1707 PG 397 — CHURCH

(18) RICHARD D. LAW DB 626 PG 253

(20) JONATHAN K. SUTTON DB 225 PG 860

MARJORIE CLARK WEATHERS HEIRS DB 125 PG 294

(15) TAYLOR CAPITAL, LLC DB 2962 PG 170 — REVITALIFE

(12) MOHAWK CARPET CORPORATION DB 449 PG 726

(19) MAGDY TAHA DB 2372 PG 199

GREENVILLE GLASS

TRAILER

CLNA RAILROAD

WILSON ST

HIGGS ST

DICKINSON AVE (SR 1598) N 55°03'55.5" E

END PAVEMENT REMOVAL AND REPLACEMENT
BEGIN MILLING AND RESURFACING
-L- POT Sta. 32+25.00

CONSTRUCT RETAINING WALL 1' BEHIND PROP SIDEWALK -L- STA 31+49.63 TO 32+94.87

CONSTRUCT RETAINING WALL 1' BEHIND PROP SIDEWALK -L- STA 31+84.21 TO 32+05.50

CONSTRUCT SIDEWALK TO BACK OF CURB AND FLUSH WITH BRIDGE PIERS

RETAIN EXIST CONC BRIDGE AND ABUTMENTS

PROP 5' CONC SIDEWALK 5' FROM PROP BACK OF CURB

PROP 5' CONC SIDEWALK 2.5' FROM PROP BACK OF CURB

PROP 5' CONC SIDEWALK 2.5' FROM PROP BACK OF CURB TIE TO BASE OF EXIST WALL

RETAIN EXISTING STEEL DOUBLE FLUME AND CURB OPENINGS

RETAIN 20' SECTION OF CURB

RETAIN EXIST CURB, SIDEWALK, AND RAMPS

REMOVE CMU WALL

REMOVE & REPLACE CONCRETE STEPS

REMOVE 4' WOOD FENCE TO PROP AUE

RETAIN CURB

RETAIN CULVERT

RETAIN EXIST DRIVEWAY AND CURB

RETAIN 11' SECTION OF CONC PAD AND GRATE

36" ELEVATED CONC FLOOR

TIE TO EXIST CONC WALL

RETAIN FLOOD ARM

RETAIN 18" RCP AND CB'S

RETAIN MH
RETAIN 12"
RETAIN CB
RETAIN 24"
RETAIN 18"
RETAIN DI
RETAIN JB
RETAIN CB'S
RETAIN 15"
RETAIN CULVERT

CONVERT CI TO CB

5' STEEL WALL
RETAIN WALL
48" CONC & WROUGHT IRON

-BL-104
-BL-103

STA 30+00 (SEE SHEET 5)
STA 38+50 (SEE SHEET 7)
MATCHLINE -L- STA 30+00
MATCHLINE -L- STA 38+50

SEE SHEET 14 FOR -L- PROFILE

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6/15/2016

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	7
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007

TAYLOR CAPITAL, LLC
DB 2962 PG 170

(20) JONATHAN K. SUTTON
DB 2251 PG 860

(21) EUGENE A. SWINDELL
DB 345 PG 574

(22) TAYLOR CAPITAL, LLC
DB 2962 PG 170

(23) WILLIS COMMERCIAL PROPERTIES, LLC
DB 3330 PG 58

JAMES S. CROWELL
DB 72 PG 825

(25) WARREN B. CADE
DB 1657 PG 594
CADE INSURANCE

(26) SAAD RENTALS, LLC
DB 1936 PG 60

(28) DELORES CARAWAN BUCK
DB 1992E PG 408

END MILLING AND RESURFACING
BEGIN PAVEMENT REMOVAL AND REPLACEMENT
-L- POT Sta. 41+52.00

N SKINNER ST
WATAUGA AVE
DICKINSON AVE (SR 1598)
N 55°03'55.5" E

MATCHLINE -L- STA 38+50 (SEE SHEET 6)
MATCHLINE -L- STA 47+00 (SEE SHEET 8)

(24) TAHA PROPERTIES, LLC
DB 3260 PG 296

(19) MAGDY TAHA
DB 2372 PG 199
JACKSON BANQUET HALL

(27) TONY R. ANDREWS
DB 1069 PG 615

(29) MICHAEL W. KENNEDY
DB 2566 PG 181

KEELS WAREHOUSE
DB 544 PG 476

SEE SHEET 14 FOR -L- PROFILE

K:\RAL_Roadway\011036243 - U-5606 Dickinson Avenue\Roadway\Proj\u5606_rdy_pst07.dgn
6/15/2016

REVISIONS

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM

-L-
PI Sta 48+77.02
Δ = 0°12'40.6" (RT)
D = 0°22'55.1"
L = 55.31'
T = 27.65'
R = 15,000.00'
SE = NC
RO = NONE

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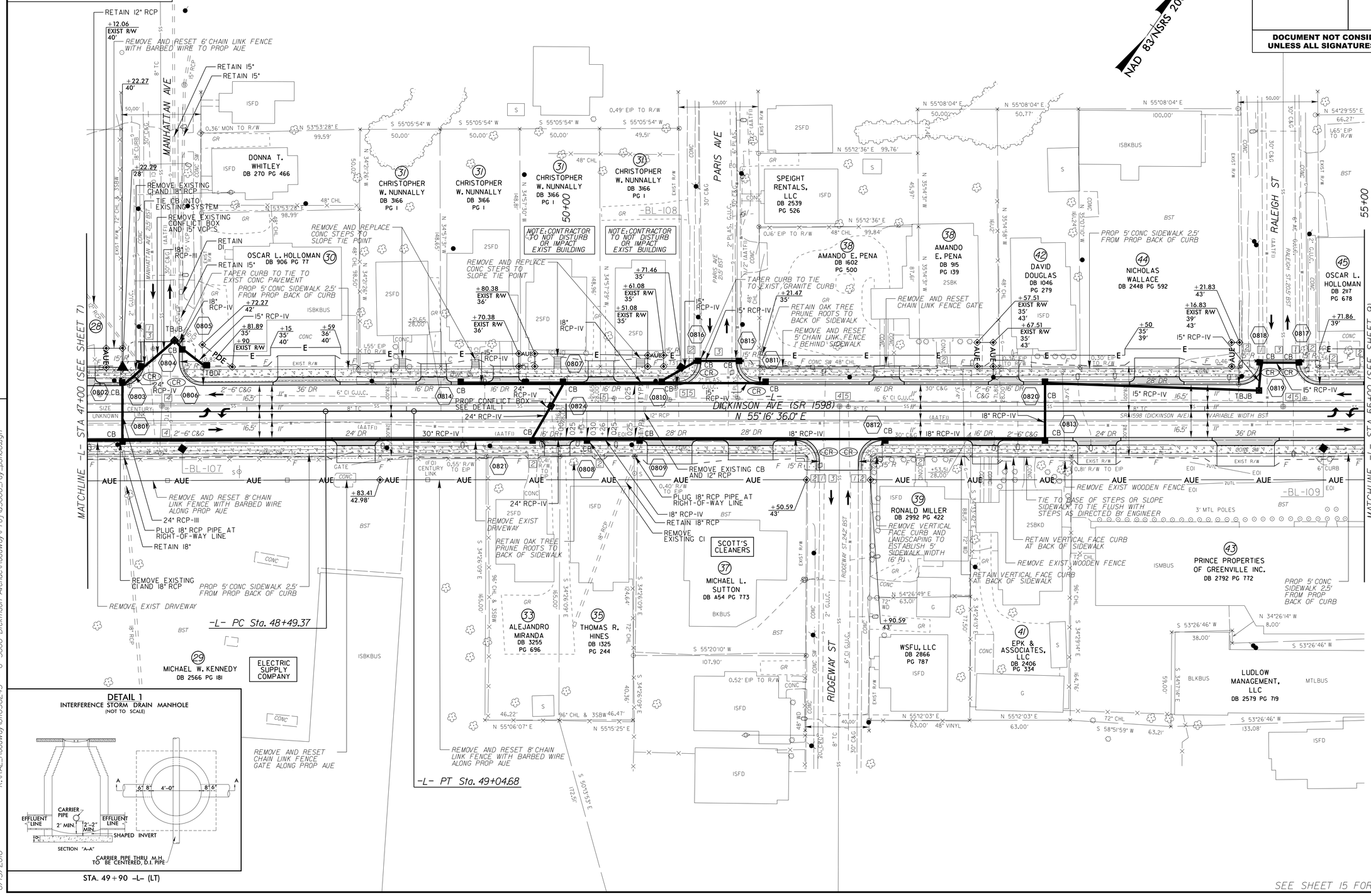
RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	8
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007



DETAIL 1
INTERFERENCE STORM DRAIN MANHOLE
(NOT TO SCALE)

STA. 49+90 -L- (LT)

SEE SHEET 15 FOR -L- PROFILE

6/15/2016
K:\RAL_Roadway\0\0036243 - U-5606 Dickinson Avenue\Roadway\Proj\U5606_rdy_pst08.dgn

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM

2016 ADT
2036 ADT

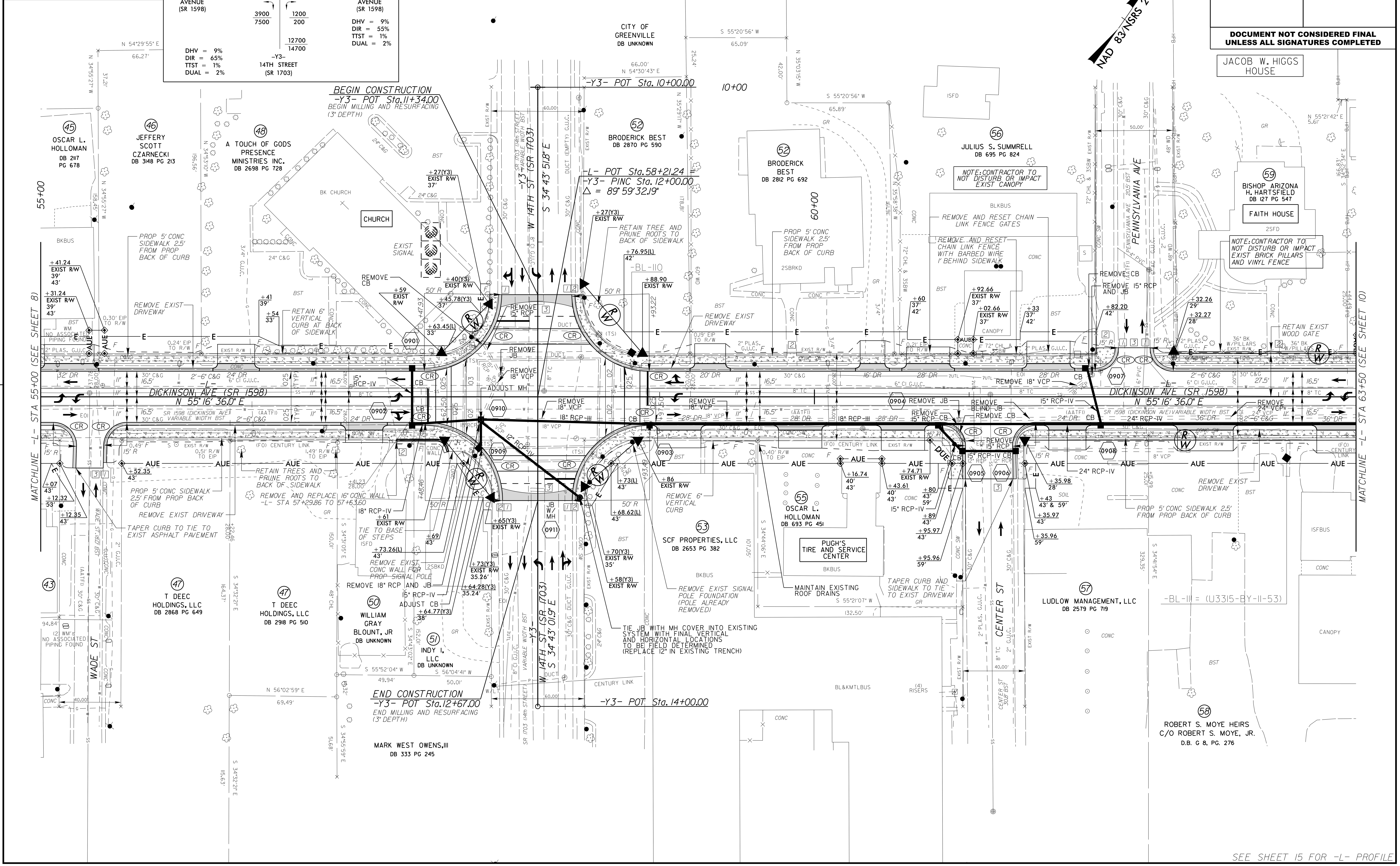
-Y3- 14TH STREET (SR 1703): 12400 / 9200; DHV = 9%, DIR = 65%, TTST = 1%, DUAL = 2%

-L- DICKINSON AVENUE (SR 1598) (west): 10400 / 12100; DHV = 9%, DIR = 55%, TTST = 1%, DUAL = 2%

-L- DICKINSON AVENUE (SR 1598) (east): 11300 / 6200; DHV = 9%, DIR = 55%, TTST = 1%, DUAL = 2%

-Y3- 14TH STREET (SR 1703) (south): 12700 / 14700; DHV = 9%, DIR = 65%, TTST = 1%, DUAL = 2%

Turning movements: 600 / 400; 4200 / 1800; 3900 / 7500; 1200 / 200



PROJECT REFERENCE NO.	SHEET NO.
U-5606	9
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

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REVISIONS

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6/15/2016

SEE SHEET 15 FOR -L- PROFILE

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM
8. REMOVE AND RESET 6' CHAIN LINK FENCE WITH BARBED WIRE ALONG PROP ROW

-L-
PI Sta 66+25.48
Δ = 0°22'19.5" (RT)
D = 0°28'38.9"
L = 77.93'
T = 38.96'
R = 12,000.00'
SE = EXISTING
RO = EXISTING

REVISIONS

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	10
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007

MATCHLINE -L- STA 63+50 (SEE SHEET 9)

MATCHLINE -L- STA 72+00 (SEE SHEET 11)

RENALYSIS EVANS & OLLIE R. EVANS D.B. 648, PG. 432

FREEMAN, IRVIN HEIRS D.B. 925, PG. 627

RONNIE COOK D.B. 3119, PG. 421

HUD D.B. 3194, PG. 563

CHARLES M. LONG & DELORES W. LONG D.B. 384, PG. 461

CHARLES M. LONG & DELORES W. LONG D.B. 384, PG. 461

DEPARTMENT OF TRANSPORTATION D.B. 3163, PG. 179

DEPARTMENT OF TRANSPORTATION D.B. 3145, PG. 141 (FORMERLY OWNED BY) HERBERT S. COREY & JO ANNE W. COREY

WELMONT, LLC D.B. 1221, PG. 628 M.B. 1 PG. 106

(60) JAMES A. BROWN & ARIZONA H. HARTSFIELD D.B. 169, PG. 199 D.B. 241, PG. 240

NOTE: CONTRACTOR TO NOT DISTURB OR IMPACT EXIST BRICK PILLARS AND VINYL FENCE

(61) LOUISE FINK DUNCAN & MARY ANN DUNCAN GROOME D.B. U 20, PG. 85 ESTATE 97E, PG. 558

(63) MICHAEL WHITE D.B. 3182, PG. 46

(65) LUDLOW MANAGEMENT, LLC D.B. 2579, PG. 719

TAYEBIREAL ESTATE D.B. 2814, PG. 69

(68) DEPARTMENT OF TRANSPORTATION (FORMERLY OWNED BY) JAMES E. HANNAN & WF ELAINE S. HANNAN

RANDOLPH WHITLOW D.B. 2013E, PG. 923

CONTINUOUS PRAISE MINISTRIES

-BL-I12=(U3315 BL-23)

-L- PC Sta. 65+86.52

-L- PT Sta. 66+64.45

END CONSTRUCTION U-5606
-L- POT Sta.68+91.47

U-3315 (BY OTHERS)

COLUMBIA AVE

GRANDE AVE

CSXT RAILROAD

DICKINSON AVENUE HISTORIC DISTRICT

-L-
DICKINSON AVE (SR 1598)
N 55° 38' 55.5" E

(58) ROBERT S. MOYE HEIRS C/O ROBERT S. MOYE, JR. D.B. G 8, PG. 276

(62) COUNTRY FARMS, LLC DB UNKNOWN

CROSS ST

(64) TAYLOR CAPITAL, LLC D.B. 2962, PG. 170

TAYLOR WAREHOUSING

(64) TAYLOR CAPITAL, LLC D.B. 2962, PG. 170

DICKINSON AVENUE AUTO AND TIRE SERVICE

(67) COREY HERBERT D.B. 2870, PG. 629

DENNIS J. BUCK & MELVA H. BUCK D.B. 987, PG. 461

-BL-I13=(U3315 BL-24)

DEREK A. SANDERSON DIANNE S. SANDERSON D.B. 1314, PG. 292

H&H SAFETY CO., LLC D.B. 3153, PG. 61 M.B. 22, PG. 129

STATE OF NORTH CAROLINA C/O STATE PROPERTY OFFICE D.B. 1550, PG. 766

BEGIN TIP PROJECT U-3315
(-Y10-)(BY OTHERS)
-L- POT Sta.65+99.35
END PAVEMENT REMOVAL AND REPLACEMENT

SEE SHEET 16 FOR -L- PROFILE

6/15/2016

K:\RAL_Roadway\0U036243 - U-5606 Dickinson Avenue\Roadway\Proj\u5606_rdy_pshtO.dgn

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM
8. PROP CONC SIDEWALK (VAR) ON PROP BACK OF CURB TIE TO EXIST BUILDING FACE
9. TAPER CURB TO TIE TO EXIST DRIVEWAY

-L-

PI Sta 73+58.90	PI Sta 77+62.86	PI Sta 79+26.57
Δ = 0° 37' 37.7" (LT)	Δ = 0° 30' 57.6" (RT)	Δ = 0° 54' 23.7" (LT)
D = 0° 28' 38.9"	D = 0° 34' 22.6"	D = 0° 22' 55.1"
L = 131.35'	L = 90.06'	L = 237.35'
T = 65.68'	T = 45.03'	T = 118.67'
R = 12,000.00'	R = 10,000.00'	R = 15,000.00'
SE = EXISTING	SE = NC	SE = NC
RO = EXISTING	RO = NONE	RO = NONE

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	11
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

END TIP PROJECT U-3315
(-Y10-)(BY OTHERS)
-L- POT Sta.74+94.35
BEGIN PAVEMENT REMOVAL AND REPLACEMENT

BEGIN CONSTRUCTION U-5606
-L- POT Sta.74+90.00

-L- PC Sta.72+93.22
-L- PT Sta.74+24.57
-L- PC Sta.77+17.83
-L- PRC Sta.78+07.89

DICKINSON AVENUE HISTORIC DISTRICT

DICKINSON AVE (SR 1620)
N 55° 01' 17.8" E

ATLANTIC AVE

S CLARK ST

W 9TH ST

-BL-115

-BL-184=(U3315 BY11-52)

MATCHLINE -L- STA 72+00 (SEE SHEET 10)

MATCHLINE -L- STA 80+00 (SEE SHEET 12)

NAD 83/NSRS 2007

CITY OF GREENVILLE D.B. 3035, PG. 638

LOUISE FINK DUNCAN D.B. W 53, PG. 717 D.B. A 54, PG. 678 ESTATE FILE 97E, PG. 558 M.B. 1 PG. 106

LOUISE FINK DUNCAN D.B. A 54, PG. 678 D.B. Q 37, PG. 604 D.B. T 53, PG. 818 D.B. T 51, PG. 526 97E 558 M.B. 4, PG. 104 M.B. 1, PG. 106

LOUISE FINK DUNCAN MARY ANN DUNCAN GROOME D.B. J 51, PG. 526 D.B. V 53, PG. 840 M.B. 4, PG. 104 M.B. 1 PG. 106

CITY OF GREENVILLE DB 3035 PG 638

SAAD RENTALS, LLC DB 2700 PG 7

Z RENTALS, LLC D.B. 3133, PG. 580

ALL STAR

OSCAR HOLLOMAN DB 2286 PG 539

MERRITT RENTALS, LLC DB 2539 PG 505

TARHEEL HOLDINGS, LLC DB 2294 PG 592

TARHEEL HOLDINGS, LLC NO RECORDS

TARHEEL HOLDINGS, LLC DB 2420 PG 360

JAMES ANTHONY CARRAWAY DB 853 PG 277

TONY'S AUTO

ELCKO INC. DB 319 PG 420

FRAME MAKERS

MALI, LLC DB 2681 PG 783

STRICKLAND ART GALLERY

DEPARTMENT OF TRANSPORTATION D.B. 3164 PG. 356

DEPARTMENT OF TRANSPORTATION DB 3278 PG 539

WILLIAM PHILIP MOORE JR D.B. R29, PG. 253

SEE SHEET 16 FOR -L- PROFILE

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6/15/2016

REVISIONS

NOTES:
1. TIE TO EXIST CURB AND GUTTER AT EXIST CONCRETE JOINT TRANSITION 2'-6" C&G TO MATCH EXIST GUTTER WIDTH AS NECESSARY
2. TIE TO EXISTING CONCRETE SIDEWALK
3. LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT
4. ADJUSTMENT OF MANHOLE
5. ADJUSTMENT OF METER OR VALVE BOX
6. REMOVE AND STOCKPILE EXISTING GRANITE CURB
7. RETAIN EXISTING MAST ARM
8. PROP CONC SIDEWALK (VAR) ON PROP BACK OF CURB TIE TO EXIST BUILDING FACE
9. TIE TBJB INTO EXISTING SYSTEM WITH FINAL VERTICAL AND HORIZONTAL LOCATIONS TO BE FIELD DETERMINED
10. TIE TBJB INTO EXISTING SYSTEM WITH FINAL VERTICAL AND HORIZONTAL LOCATIONS TO BE FIELD DETERMINED (REPLACE 30" IN EXISTING TRENCH)

2016 ADT
2036 ADT

READE CIRCLE (SR 1610)
DHV = 9%
DIR = 60%
TTST = 1%
DUAL = 2%
11600 / 12800
3100 / 4500
300 / 400
1500 / 1800
5000 / 7800
900 / 2100
100 / 300
9200 / 10300

-L- DICKINSON AVENUE (SR 1620)
DHV = 8%
DIR = 55%
TTST = 1%
DUAL = 2%

-L- DICKINSON AVENUE (SR 1620)
DHV = 8%
DIR = 75%
TTST = 1%
DUAL = 2%

READE CIRCLE (SR 1610)
DHV = 8%
DIR = 60%
TTST = 1%
DUAL = 2%

-L-

PI Sta 84+43.48
Δ = 12° 09' 32.2" (LT)
D = 22° 55' 05.9"
L = 53.05'
T = 26.63'
R = 250.00'
SE = NC
RO = NONE

PI Sta 84+95.90
Δ = 11° 52' 31.1" (RT)
D = 22° 55' 05.9"
L = 51.82'
T = 26.00'
R = 250.00'
SE = NC
RO = NONE

PI Sta 88+57.73
Δ = 49° 09' 48.7" (RT)
D = 57° 17' 44.8"
L = 85.81'
T = 45.75'
R = 100.00'
SE = EXISTING
RO = EXISTING

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5606	12
R/W SHEET NO.	
ROADWAY ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007

-L- PRC Sta. 84+69.90
-L- PT Sta. 80+45.24
-L- PC Sta. 84+16.85
-L- PT Sta. 85+21.72
-L- PC Sta. 88+11.99
-L- POT Sta. 87+36.19

86 OMG PROPERTIES, LLC DB 3312 PG 626
77 TARHEEL HOLDINGS, LLC DB 2294 PG 592
88 NC BREWING VENTURES, LLC DB 3277 PG 492
92 RAYN ENTERPRISES, LLC DB 2381PG 536 MB 1PG 79
93 BARBARA ANNE CREECH GARRIS DB 2553 PG 93
94 CITY OF GREENVILLE NO RECORDS
82 JOYNER COMMERCIAL RENTALS, LLC DB 3125 PG 672
89 CITY CENTER, LLC DB 2454 PG 808 MB 69 PG 174
91 JOYNER COMMERCIAL RENTALS, LLC DB 3125 PG 672
87 REDEVELOPMENT COMMISSION OF GREENVILLE DB 2818 PG 757 MB 16 PG 37
95 ALISON NICOLE THOMPSON DB 1878 PG 190
96 CITY CENTER, LLC DB 2184 PG 420
97 READE VENTURES, LLC DB 2299 PG 345
99 CITY OF GREENVILLE NO RECORDS

DICKINSON AVENUE HISTORIC DISTRICT

RAYN ENTERPRISES, LLC DB 2381 PG 536 MB 1PG 79
CITY CENTER, LLC MB 2511PG 104 MB 69 PG 174
JOYNER COMMERCIAL RENTALS, LLC DB 3125 PG 672

DAPPER DAN'S
GREENVILLE TIMES
CABINETS PLUS
LAW OFFICES OF NEIL W. MORRISON, D.A.
DICKINSON AVENUE ANTIQUES MARKET

S PITT ST
FICKLEN ST
W 8TH ST
S GREENE ST (SR 1531)
READE CIR (SR 1610)
DICKINSON AVE (SR 1620)
N 54° 37' 51.7" E
N 54° 20' 50.6" E

REMOVE CB
REMOVE 12" VCP
REMOVE EXISTING CB AND 24" VCP
REMOVE AND RESET METAL FENCE
REMOVE EXIST DRIVEWAY
REMOVE EXIST ON-STREET PARKING
REMOVE EXIST DRIVEWAY AND ASPHALT PADS
REMOVE EXIST SIGNAL CABINET
RETAIN DI
RETAIN 8" C&G
RETAIN FIRE HYDRANT
RETAIN TREE AND PRUNE ROOTS TO BACK OF SIDEWALK
RETAIN MAGNOLIA TREE
RETAIN CURB RAMPS
RETAIN CURB
TIE CURB TO FUTURE CITY PARKING LOT CONFIGURATION
PROPOSED CIVIC ART AREA
PROP 8' CONC SIDEWALK ON PROP BACK OF CURB
PROP CONC SIDEWALK (VAR) ON PROP BACK OF CURB
PROP CONC SIDEWALK ON PROP BACK OF CURB TIE TO EXIST BUILDING FACE
TAPER CURB TO TIE TO EXIST DRIVEWAY
ADJUST MH
ADJUST CB
ADJUST JB
RETAIN 24" VCP
30" RCP-III (REPLACE IN EXISTING TRENCH)
15" RCP-IV (REPLACE IN EXISTING TRENCH)
ADJUST 18" RCP-IV
ADJUST 15" RCP-IV
RETAIN 15" RCP
SEE NOTE 9
SEE NOTE 10
EXIST SIGNAL GENERATORS
EXIST R/W
120' TAPER

END PAVEMENT REMOVAL AND REPLACEMENT
BEGIN MILLING AND RESURFACING
-L- POT Sta. 87+36.19

END TIP PROJECT U-5606
END CONSTRUCTION
-L- POC Sta. 88+19.00
END MILLING AND RESURFACING

REMOVAL OF EXISTING ASPHALT PAVEMENT

SEE SHEET 17 FOR -L- PROFILE

6/15/2016
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