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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF SHEETS

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GENERAL NOTES

GENERAL NOTES: 2012 SPECIFICATIONS
EFFECTIVE: 01-17-2012

- CARE SHALL BE TAKEN TO PREVENT DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY.

LIST OF ROADWAY STANDARDS

2012 ROADWAY STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" - Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., dated January 17, 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

STD. NO.	TITLE
DIVISION 2	- EARTHWORK
225.02	Guide for Grading Subgrade- Secondary and Local
DIVISION 5	- SUBGRADE, BASES AND SHOULDERS
560.01	Method of Shoulder Construction
DIVISION 6	- ASPHALT BASES AND PAVEMENTS
654.01	Pavement Repairs
DIVISION 7	- CONCRETE PAVEMENT AND SHOULDERS
700.05	Tying Proposed Pavement to Existing Pavements
710.01	Concrete Pavement - Station Marking
846.01	Concrete Curb, Gutter and Curb & Gutter
848.01	Concrete Sidewalk
848.02	Driveway Turnout - Radius Type
848.03	Driveway Turnou - Drop Curb Type
848.04	Street Turnout
848.05	Curb Ramp - Proposed Curb and Gutter
848.06	Curb Ramp - Existing Curb and Gutter
DIVISION 11	- WORK ZONE TRAFFIC CONTROL
1101.01	Work Zone Advance Warning Signs
1101.02	Temporary Lane Closures
1101.03	Temporary Road Closures
1101.04	Temporary Shoulder Closures
110.02	Portable Work Zone Signs
1130.01	Drum
1135.01	Cones
1150.01	Flagging Devices
1130.01	Drum
DIVISION 12	- PAVEMENT MARKINGS, MARKERS AND DELINEATION
1205.01	Pavement Markings - Line Types and Offsets
1205.07	Pavement Markings - Pedestrian Crosswalks
DIVISION 16	- EROSION CONTROL AND ROADSIDE DEVELOPMENT
1632.02	Rock Inlet Sediment Trap Type B
1632.03	Rock Inlet Sediment Trap Type C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

*S.U.E. = *Subsurface Utility Engineering*

12/05/11

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	⊙
Property Corner	-----
Property Monument	⊠
Parcel/Sequence Number	Ⓣ
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	⊠
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	W.B.
Proposed Wetland Boundary	W.B.
Existing Endangered Animal Boundary	E.A.B.
Existing Endangered Plant Boundary	E.P.B.
Known Soil Contamination: Area or Site	☠ ☠
Potential Soil Contamination: Area or Site	☠ ?

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	Ⓞ
Well	⊙
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	W.B.
Proposed Lateral, Tail, Head Ditch	-----
False Sump	⊠

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	Ⓜ
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	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	⊙
Proposed Right of Way Line with Concrete or Granite R/W Marker	⊠
Proposed Control of Access Line with Concrete C/A Marker	⊠
Existing Control of Access	⊠
Proposed Control of Access	⊠
Existing Easement Line	-----
Proposed Temporary Construction Easement	-----
Proposed Temporary Drainage Easement	-----
Proposed Permanent Drainage Easement	-----
Proposed Permanent Drainage / Utility Easement	-----
Proposed Permanent Utility Easement	-----
Proposed Temporary Utility Easement	-----
Proposed Aerial Utility Easement	-----
Proposed Permanent Easement with Iron Pin and Cap Marker	◆

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Curb Ramp	Ⓞ
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	⊠

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	Ⓢ
Storm Sewer	S

UTILITIES:

POWER:	
Existing Power Pole	⊙
Proposed Power Pole	⊙
Existing Joint Use Pole	⊙
Proposed Joint Use Pole	⊙
Power Manhole	Ⓟ
Power Line Tower	⊠
Power Transformer	⊠
U/G Power Cable Hand Hole	Ⓢ
H-Frame Pole	⊙
Recorded U/G Power Line	P
Designated U/G Power Line (S.U.E.*)	P

TELEPHONE:

Existing Telephone Pole	⊙
Proposed Telephone Pole	⊙
Telephone Manhole	Ⓢ
Telephone Booth	⊠
Telephone Pedestal	⊠
Telephone Cell Tower	⊙
U/G Telephone Cable Hand Hole	Ⓢ
Recorded U/G Telephone Cable	T
Designated U/G Telephone Cable (S.U.E.*)	T
Recorded U/G Telephone Conduit	TC
Designated U/G Telephone Conduit (S.U.E.*)	TC
Recorded U/G Fiber Optics Cable	T FO
Designated U/G Fiber Optics Cable (S.U.E.*)	T FO

WATER:

Water Manhole	⊙
Water Meter	⊙
Water Valve	⊙
Water Hydrant	⊙
Recorded U/G Water Line	-----
Designated U/G Water Line (S.U.E.*)	-----
Above Ground Water Line	A/G Water

TV:

TV Satellite Dish	⊙
TV Pedestal	⊠
TV Tower	⊙
U/G TV Cable Hand Hole	Ⓢ
Recorded U/G TV Cable	TV
Designated U/G TV Cable (S.U.E.*)	TV
Recorded U/G Fiber Optic Cable	TV FO
Designated U/G Fiber Optic Cable (S.U.E.*)	TV FO

GAS:

Gas Valve	⊙
Gas Meter	⊙
Recorded U/G Gas Line	G
Designated U/G Gas Line (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
Recorded SS Forced Main Line	FSS
Designated SS Forced Main Line (S.U.E.*)	FSS

MISCELLANEOUS:

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

MAP 1

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



CONSTRUCTION LIMITS

PEDESTRIAN CROSSWALK STD 1205.07

CURB RAMP STD 848.06

CURB RAMP STD 848.06

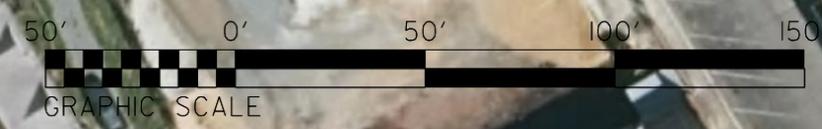
CURB RAMP STD 848.06

PEDESTRIAN CROSSWALK STD 1205.07

CURB RAMP STD 848.06

CURB RAMP STD 848.06

CURB RAMP STD 848.06



MAP 2

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



CURB RAMP STD 848.06

CURB RAMP STD 848.06

CONSTRUCTION LIMITS

PEDESTRIAN CROSSWALK STD 1205.07

ALTERNATE CURB RAMP TYPE 1A

ALTERNATE CURB RAMP TYPE 1A



MAP 3

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

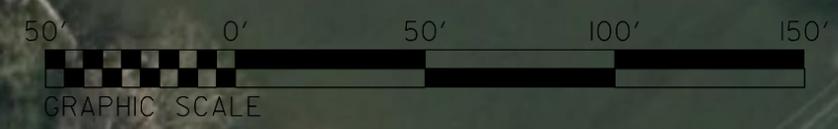


CONSTRUCTION LIMITS

CURB RAMP STD 848.06

PEDESTRIAN CROSSWALK STD 1205.07

CURB RAMP STD 848.06



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MAP 4

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



CONSTRUCTION LIMITS

CURB RAMP STD 848.06

PEDESTRIAN CROSSWALK STD 1205.07

EXISTING CURB RAMP



MAP 5



NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



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MAP 6



NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

CURB RAMPS MEDIAN ISLAND

CURB RAMP DIRECTIONAL RAMPS TYPE 1

CURB RAMP DIRECTIONAL RAMPS TYPE 1

PEDESTRIAN CROSSWALK STD 1205.07

CONSTRUCTION LIMITS

PEDESTRIAN CROSSWALK STD 1205.07



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PROJECT REFERENCE NO.	SHEET NO.
WBS#: 44910.3.5	10
ROADWAY DESIGN ENGINEER	

MAP 7



NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

CURB RAMP STD 848.06

CURB RAMP STD 848.06

PEDESTRIAN CROSSWALK STD 1205.07

CONSTRUCTION LIMITS



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MAP 8

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION



CURB RAMP STD 848.06

CONSTRUCTION LIMITS



MAP 9

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

N
NC GRID
NAD 83/2001

CONSTRUCTION LIMITS

PEDESTRIAN CROSSWALK STD 1205.07

CURB RAMP STD 848.06



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MAP 10

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

WHEEL CHAIR RAMP STD 848.06

CONCRETE SIDEWALK 848.01

PEDESTRIAN CROSSWALK STD 1205.07

PEDESTRIAN CROSSWALK STD 1205.07

WHEEL CHAIR RAMP STD 848.06

CONSTRUCTION LIMITS

WHEEL CHAIR RAMP STD 848.06

WHEEL CHAIR RAMP STD 848.06



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MAP 11

NOTE: CONTRACTOR TO REMOVE ALL EXISTING CONCRETE AND ASPHALT TO FACILITATE INSTALLATION OF THE NEW CURB RAMPS. SIDEWALK TO BE REMOVED AND REPLACED AS NEEDED TO ACCOMADATE NEW CURB RAMPS

NOTE: CONTRACTOR TO PROTECT ALL STORM DRAIN INLETS AND OUTLETS DURING CONSTRUCTION

CURB RAMP STD 848.06

CONSTRUCTION LIMITS

CURB RAMP STD 848.06



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