INDEX OF SHEETS SHEET NUMBER SHEET DESCRIPTION TITLE SHEET 1 INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARD DRAWINGS 1 A 1 B CONVENTIONAL SYMBOLS 1C-1 THRU 1C-2 SURVEY CONTROL SHEETS 2A-1 THRU 2A-4 PAVEMENT SCHEDULE AND TYPICAL SECTIONS CONCRETE MULTIPURPOSE PATH SLOPE TANSITION DETAIL 2B-1 2B-2 ISLAND DETAIL 2B-3 CROSSOVER ALIGNMENT DETAIL 2C-1 STRUCTURE ANCHOR UNIT TYPE III DETAIL 2C-2 STRUCTURE ANCHOR UNIT TYPE B-77 DETAIL 2C-3 CONCRETE BRIDGE SIDEWALK APPROACH DETAIL 2C-4 WOOD RUB RAIL DETAIL 2C-5 CURB RAMP DETAIL 20-6 GUARDRAIL ANCHOR UNIT TYPE B-77 SHOP CURVED DETAIL 26-1 STANDARD TEMPORARY SHORING DETAIL 2G-2 THRU 2G-4 STANDARD TEMPORARY WALL DETAILS SUMMARY OF EARTHWORK, SUMMARY OF REMOVAL AND BREAKING OF 3B-1 EXISTING PAVEMENT, FENCE SUMMARY AND GUARDRAIL SUMMARY 3D-1 THRU 3D-2 DRAINAGE SUMMARY SHEETS 3G-1 GEOTECHNICAL SUMMARIES 3P-1 PARCEL INDEX SHEET PLAN AND PROFILE SHEETS 4 THRU 7 TMP-1 THRU TMP-21 TRAFFIC MANAGEMENT PLANS PMP-1 THRU PMP-3 PAVEMENT MARKING PLANS EC-1 THRU EC-9 EROSION CONTROL PLANS SIGN-1 THRU SIGN-5 SIGNING PLANS UC-1 THRU UC-6 UTILITIES CONSTRUCTION PLANS UO-1 THRU UO-5 UTILITIES BY OTHERS PLANS CROSS-SECTION INDEX AND SUMMARY SHEET X-1A X-1 THRU X-13 CROSS-SECTIONS S-1 THRU S-74 STRUCTURE PLANS

oadway/Kroj/B-D123_Kdy_Sht_1A.dgn XISERNAME&&&&

GENERAL NOTES:

2012 SPECIFICATIONS EFFECTIVE: 01-17-2012 REVISED: 10-31-2014

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

SUBSURFACE DRAINS:

SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.

DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.02 USING 900 MM RADII OR RADII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

STREET TURNOUT:

STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

TEMPORARY SHORING:

SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

SUBSURFACE PLANS:

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

END BENTS:

THE ENGINEER SHALL CHECK THE STRUCTURE END BENT PLANS, DETAILS, AND CROSS-SECTION PRIOR TO SETTING OF THE SLOPE STAKES FOR THE EMBANKMENT OR EXCAVATION APPROACHING A BRIDGE.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE :

CITY OF CONCORD POWER, MCI COMMUNICATIONS, WINDSTREAM COMMUNICATIONS

TIME WARNER COMMUNICATIONS, PSNC GAS, DUKE POWER

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS.

CURB RAMPS

CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD 848.05 and/or 848.06.

2012 ROADWAY ENGLISH STANDARD D The following Roadway Standards N. C. Department of Transportat and by reference hereby are con STD.NO. T

STD.NU.	I.
	2 - EARTHWORK
200.02	Method of Clearing - N
225.02	Guide for Grading Sub
225.04	Method of Obtaining Su
DIVISION	3 - PIPE CULVERTS
300.01	Method of Pipe Instal
310.10	Driveway Pipe Construc
DIVISION	4 - MAJOR STRUCTURES
422.10	Reinforced Bridge Appr
DIVISION	5 - SUBGRADE, BASES AND
560.01	Method of Shoulder Cor
DIVISION	6 - ASPHALT BASES AND F
654.01	Pavement Repairs
	8 - INCIDENTALS
DIVISION	
806.01	Concrete Right-of-Way
806.02	Granite Right-of-Way M
840.00	Concrete Base Pad for
840.01	Brick Catch Basin - 12
840.02	Concrete Catch Basin ·
840.03	Frame, Grates and Hood
840.04	Concrete Open Throat (
840.05	Brick Open Throat Cate
840.14	Concrete Drop Inlet -
840.15	Brick Drop Inlet - 12
840.16	Drop Inlet Frame and (
840.18	Concrete Grated Drop
840.24	Frames and Narrow Slo
840.25	Anchorage for Frames -
840.27	Brick Grated Drop Inle
840.29	
	Frames and Narrow Slo
840.45	Precast Drainage Struc
840.66	Drainage Structure Ste
846.01	Concrete Curb, Gutter
848.01	Concrete Sidewalk
848.02	Driveway Turnout – Rad
848.04	Street Turnout
848.05	Curb Ramp - Proposed (
850.01	Concrete Paved Ditches
852.01	Concrete Islands
852.04	Method for Placement of
852.05	Median Curb for Catch
852.06	Method for Placement of
857.01	Precast Reinforced Cor
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units
862.03	Anchoring End of Guard
866.01	Chain Link Fence - 4'
876.01	Rip Rap in Channels
876.02	Guide for Rip Rap at F
876.04	Drainage Ditches with

	PROJECT REFERENCE NO.	SHEET NO.
	B-5123	/A
	ROADWAY DESIGN	
	ENGINEER	
	TH CAROL	
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	SEAL 025477	
	FILL B	
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	DOCUMENT NOT CONS	IDERED FINAL
	UNLESS ALL SIGNATUR	ES COMPLETE
EFF. 01-17-2012		
REV. 10-30-2012		
ISH STANDARD DRAWINGS		
adway Standards as appear in "Roadway Standard Drawings"	Highway Design Branch -	
of Transportation - Raleigh, N. C., Dated January, 2012	are applicable to this projec	+
hereby are considered a part of these plans:		
TITLE		
of Clearing - Method II		
for Grading Subgrade - Secondary and Local		
of Obtaining Superelevation - Two Lane Pavement		
of Pipe Installation by Pipe Construction		
DR STRUCTURES		
ced Bridge Approach Fills		
GRADE, BASES AND SHOULDERS		
of Shoulder Construction - High Side of Superelevated Cu	urve – Method I	
ALT BASES AND PAVEMENTS		
nt Repairs IDENTALS		
te Right-of-Way Marker		
e Right-of-Way Marker		
te Base Pad for Drainage Structures		
Catch Basin — 12" thru 54" Pipe te Catch Basin — 12" thru 54" Pipe		
Grates and Hood - for Use on Standard Catch Basin		
te Open Throat Catch Basin - 12" thru 48" Pipe		
)pen Throat Catch Basin - 12″ thru 48″ Pipe		
te Drop Inlet - 12" thru 30" Pipe		
Drop Inlet - 12" thru 30" Pipe	840.15	
nlet Frame and Grates - for use with Std. Dwg 840.14 and te Grated Drop Inlet Type 'B' - 12" thru 36" Pipe	840.15	
and Narrow Slot Sag Grates		
age for Frames - Brick or Concrete or Precast		
Grated Drop Inlet Type 'B' - 12" thru 36" Pipe		
and Narrow Slot Flat Grates Drainage Structure		
je Structure Steps		
te Curb, Gutter and Curb & Gutter		
te Sidewalk		
ay Turnout - Radius Type		
Turnout Turnout		
amp – Proposed Curb & Gutter te Paved Ditches		
te Islands		
for Placement of Drop Inlets in Grassed Median - Using	1'-6" Curb and Gutter	
Curb for Catch Basin - for Use with 1'-6" Curb and Gutte	er	
for Placement of Drop Inlets in Concrete Islands		
t Reinforced Concrete Barrier - 41″ Single Faced Dil Placement		
ail Installation		
ure Anchor Units (Beg. March 2013 Letting use detail in	lieu of Standard)	
ing End of Guardrail - B-77 and B-83 Anchor Units		
ink Fence - 4', 5' and 6' High Fence		
> in Channels For Rip Rap at Pipe Outlets		
ge Ditches with Class 'B' Rip Rap		
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