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COMPUTED BY: RB Early DATE: JUNE 06, 2016
CHECKED BY:

PROJECT REFERENCE NO.	SHEET NO.
C-5600G	ITS-29

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.
G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

GUARDRAIL SUMMARY

ROAD NAME	SITE	SHEET NUMBER	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS											REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	CAT-1	B-77										
I-85	CCTV-2	ITS-10	LT NEAR SR 2000	112.5′			CCTV-2		14′	17′	50′		1′		1											GRAU 350	REMOVE EXISTING GRAU 350 AND ATTACH PROPOSED GUARDRAIL
I-85	CCTV-5	ITS-20	LT NEAR MOORES CHAPEL RD	75′				CCTV-5	12′	14′		0′		0′		1	1										ATTACH GUARDRAIL TO EXISTING MEDIAN BARRIER
			SUBTOTAL:	187.5′											1	1	1										
	LESS ANCHOR DEDUCTIONS:																										
		GRAU 350:	1 @ 50.00′	-50.0′																							
		CAT-1:	1 @ 6.25′	- 6.25′																							
		B-77:	1 @ 18.75′	-18.75′																							
			TOTAL:	112.5′																							
			SAY:	125.0′																							
			ADDITIONAL POST:	4																							

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

Plans Prepared for:
Transportation Mobility and Safety Division
Intermodal Transportation Systems
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE: NONE

GUARDRAIL SUMMARY

DIVISION 10 MECKLENBURG CO. CHARLOTTE

PLAN DATE:	JUNE 2016	REVIEWED BY:	R.B. EARLY
PREPARED BY:	T.R. HOWELL	REVIEWED BY:	H.L. WINSTEAD

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 023521 ENGINEER RHONDA B. EARLY

DocuSigned by: Rhonda B. Early
F34CAF5AC0BF48A
SIGNATURE DATE 6/29/2016

CADD Filename: C-5600G_ITS-29.dgn