

pen table=H:\COMMON\CADD\Support\Plot\pentablas\NDOTRdDetails_11x17.tbl

scale=1/63.1692

date=19-NOV-2023 16:44

ID=rdonahy

BDC23D-04-REVISED CD-609-18 THRU 20

BDC18D-07-REVISED

BDC17D-06-REVISED

BDC17D-02-REVISED

BDC18D-01-ORIGINAL SHEET

INDEX FOR STANDARD ROADWAY CONSTRUCTION DETAILS

INDEX SHEET 1

DESCRIPTION	CD	DESCRIPTION	CD	DESCRIPTION	CD
BEAM GUIDE RAIL (BGR)		BEAM GUIDE RAIL ATTACHMENTS		INTERSTATE CONSTRUCTION IDENTIFICATION SIGN	CD-159-8
BEAM GUIDE RAIL	CD-609-1.1	BEAM GUIDE RAIL ATTACHMENT TO SIDEWALK	CD-609-11.1	CONSTRUCTION IDENTIFICATION SIGN	CD-159-9
BEAM GUIDE RAIL, DUAL FACED (MASH TL-3)	CD-609-2.1	BEAM GUIDE RAIL ATTACHMENT TO EXISTING BALUSTRADE	CD-609-12.1		
RUB RAIL	CD-609-3.1	BEAM GUIDE RAIL ATTACHMENTS	CD-609-13.1	CRASH CUSHIONS	
MODIFIED THRIE BEAM GUIDE RAIL (MASH TL-3)	CD-609-18.1	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-3 F SHAPE BARRIER PARAPET (NO ROADWAY CURBING ON APPROACH)	CD-609-14.1	TEMPORARY CRASH CUSHIONS COMPRESSIVE BARRIER SUMMARY TABLE	CD-159-10.1
MODIFIED THRIE BEAM GUIDE RAIL, DUAL FACED (MASH TL-3)	CD-609-19.1			CRASH CUSHIONS COMPRESSIVE BARRIER SUMMARY TABLE	CD-611-11.1
MODIFIED THRIE BEAM GUIDE RAIL TRANSITION AND ELEMENT SECTIONS	CD-609-20.1	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-3 F SHAPE BARRIER PARAPET (WITH ROADWAY CURBING ON APPROACH)	CD-609-15.1		
		GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-2 F SHAPE BARRIER PARAPET (NO ROADWAY CURBING ON APPROACH)	CD-609-15A.1	CULVERTS	
BEAM GUIDE RAIL TREATMENTS				CONCRETE CULVERT	CD-602-11.1
MEDIAN GUIDE RAIL TREATMENTS	CD-609-7	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-2 F SHAPE BARRIER PARAPET (WITH ROADWAY CURBING ON APPROACH)	CD-609-15B.1	CONSTRUCTION JOINT OF CULVERT	CD-602-11.2
TELESCOPING GUIDE RAIL END TERMINAL	CD-609-7.1				
DUAL FACED MEDIAN GUIDE RAIL AND TANGENT GUIDE RAIL TERMINAL	CD-609-7.2	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-3 SIDEWALK WITH ONE RAIL STEEL BRIDGE RAILING PARAPET	CD-609-16.1	CURBS	
MEDIAN GUIDE RAIL TREATMENTS	CD-609-7A			CONCRETE AND GRANITE CURB	CD-607-1
TELESCOPING GUIDE RAIL END TERMINAL CONNECTION TO DUAL FACED MODIFIED THRIE BEAM GUIDE RAIL	CD-609-7A.1	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-2 SIDEWALK WITH ONE RAIL STEEL BRIDGE RAILING PARAPET	CD-609-16A.1	GENERAL NOTES APPLYING TO ALL TYPES OF DOWELLED CURBS	CD-607-1.1
				9" x ____" CONCRETE VERTICAL CURB, DOWELLED	CD-607-1.2
MEDIAN GUIDE RAIL TREATMENT AT ADJACENT BRIDGES	CD-609-7A.2	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-3 SIDEWALK WITH 4 BAR OPEN STEEL BRIDGE RAILING PARAPET	CD-609-17.1	12" x 3" CONCRETE SLOPING CURB, DOWELLED	CD-607-1.3
OVERLAPPING DUAL FACED MEDIAN BEAM GUIDE RAIL	CD-609-7B.1			CONCRETE VERTICAL CURB MONOLITHIC WITH CONCRETE BASE COURSE	CD-607-1.4
BEAM GUIDE RAIL TREATMENTS	CD-609-8	GUIDE RAIL ATTACHMENT - NEW CONSTRUCTION - MASH TL-2 SIDEWALK WITH 4 BAR OPEN STEEL BRIDGE RAILING PARAPET	CD-609-17A.1	12" x 13" CONCRETE SLOPING CURB	CD-607-1.5
CLEARANCE FROM FACE OF RAIL TO OBSTRUCTION	CD-609-8.1			CONCRETE VERTICAL CURB	CD-607-1.6
ADDITIONAL LENGTH BEAM GUIDE RAIL POSTS	CD-609-8.2	GUIDE RAIL ATTACHMENT - MASH TL-3 - EXISTING NJ BARRIER PARAPET (NO ROADWAY CURBING ON APPROACH)	CD-609-17B.1	CONCRETE VERTICAL CURB MONOLITHIC WITH CONCRETE PAVEMENT	CD-607-1.7
GUIDE RAIL POST INSTALLATION IN ROCK	CD-609-8.3			NEW OR RESET GRANITE CURB	CD-607-1.8
VERTICAL TRANSITION TO EXISTING 27¼" HIGH GUIDE RAIL	CD-609-8.4	GUIDE RAIL ATTACHMENT - MASH TL-3 - EXISTING NJ BARRIER PARAPET (WITH ROADWAY CURBING ON APPROACH)	CD-609-17C.1	LIP CURB FOR BEAM GUIDE RAIL ATTACHMENTS	CD-607-1.9
BEAM GUIDE RAIL TREATMENTS	CD-609-8A			CURB TRANSITIONS	CD-607-2
18'-9" OR 25'-0" UNSUPPORTED SPAN	CD-609-8A.1	GUIDE RAIL ATTACHMENT - MASH TL-2 - EXISTING NJ BARRIER PARAPET (NO ROADWAY CURBING ON APPROACH)	CD-609-17D.1	METHOD OF TRANSITIONING TO 2" VERTICAL CURB AT A TANGENT GUIDE RAIL TERMINAL	CD-607-2.1
12'-6" UNSUPPORTED SPAN	CD-609-8A.2			CURB TREATMENT AT BERM SECTION AND ALL CURB ENDS	CD-607-2.2
RAIL HEIGHT DETERMINATION	CD-609-8A.3	GUIDE RAIL ATTACHMENT - MASH TL-2 - EXISTING NJ BARRIER PARAPET (WITH ROADWAY CURBING ON APPROACH)	CD-609-17E.1	APPROACH CURBED GORE AREA TREATMENT	CD-607-2.3
				METHOD OF DEPRESSING CURB AT DRIVEWAYS	CD-607-2.4
				LINEAR CURB TRANSITION	CD-607-2.5
BEAM GUIDE RAIL TERMINALS		CONCRETE PAVEMENT REHABILITATION		METHOD OF TRANSITIONING TO 2" VERTICAL CURB AT A BEAM GUIDE RAIL ANCHORAGE	CD-607-2.6
BEAM GUIDE RAIL ANCHORAGE (MASH TL-3)	CD-609-4.1	SLAB STABILIZATION	CD-451-1.1	BARRIER CURB	CD-607-3
TANGENT GUIDE RAIL TERMINAL (MASH TL-3)	CD-609-5.1	PARTIAL DEPTH CONCRETE PAVEMENT REPAIR	CD-452-1.1	24" x ____" CONCRETE BARRIER CURB, DOWELLED	CD-607-3.1
CONTROLLED RELEASE TERMINAL	CD-609-6	FULL DEPTH CONCRETE PAVEMENT REPAIR	CD-453-1.1	24" x 41" CONCRETE BARRIER CURB	CD-607-3.2
CONTROLLED RELEASE TERMINAL	CD-609-6.1	FULL DEPTH CONCRETE PAVEMENT REPAIR	CD-453-2	MASH TL-3 NJ BARRIER CURB	CD-607-3.3
CONTROLLED RELEASE TERMINAL ANCHORAGE	CD-609-6.2	REINFORCEMENT STEEL FOR FULL DEPTH CONCRETE PAVEMENT REPAIR, CLASS __	CD-453-2.1	MASH TL-5 F SHAPE BARRIER CURB	CD-607-4.1
GENERAL NOTES	CD-609-6.3			BARRIER CURB	CD-607-5
BURIED GUIDE RAIL TERMINAL	CD-609-9.1	FULL DEPTH CONCRETE PAVEMENT REPAIR, HMA	CD-453-2.2	24½" x ____" F SHAPE CONCRETE BARRIER CURB, DOWELLED	CD-607-5.1
GRADING AND ROADSIDE RECOVERY AREA AT TANGENT GUIDE RAIL TERMINALS	CD-609-10	RETROFIT DOWEL BARS	CD-454-1	24½" x 51" F SHAPE CONCRETE BARRIER CURB	CD-607-5.2
		RETROFIT DOWEL BARS AT EXISTING JOINT	CD-454-1.1	OPENINGS TO BE CONSTRUCTED IN F SHAPE BARRIER CURB	CD-607-5.3
GRADING TREATMENT AT TANGENT GUIDE RAIL TERMINALS	CD-609-10.1	RETROFIT DOWEL BARS AT PAVEMENT CRACK	CD-454-1.2	BARRIER CURB	CD-607-6
RECOVERY AREA AT TANGENT GUIDE RAIL TERMINALS	CD-609-10.2			BARRIER CURB TAPERED END	CD-607-6.1
		CONSTRUCTION SIGNS	CD-159-6.1	MASH TL-3 NJ BARRIER CURB	CD-607-6.2
		CONSTRUCTION SIGNS	CD-159-7.1		