

OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN STANDARD DRAWINGS

For use with the 2009 ODOT Standard Specifications and effective July 1, 2019

	SHEET NO.	DESCRIPTION	STANDARD	REV. NO.
EROSION CONTROL	R-1	EROSION CONTROL MAT (EXCELSIOR MAT)	ECM1-3-	1
	R-2	EROSION CONTROL MAT (NYLON)	ECM2-3-	0
	R-3	SOLID SLAB SODDING	SSS-1-	1
	R-4	TEMPORARY SEDIMENT CONTROLS	TSC1-3-	2
	R-5	TEMPORARY SEDIMENT CONTROLS	TSC2-3-	2
	R-6	TEMPORARY SILT DIKE	TSD-2-	0
	R-7	TEMPORARY FIBER LOG	TFL-1-	0
	R-8	TEMPORARY ROCK FILTER DAMS	TRFD-1-	2
PAVEMENTS	R-11	ASPHALT SURFACING CONSTRUCTION DETAILS	ASCD-5-	2
	R-12	CONCRETE SURFACING CONSTRUCTION DETAILS	CSCD-5-	4
	R-13	Reserved		
	R-14	JOINTS AND SEALERS – LONGITUDINAL, EXPANSION & CONTRACTION	LECS-4-	2
	R-15	LOAD TRANSFER UNITS FOR CONCRETE PAVEMENT JOINTS	LTU-4-	0
	R-16	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT DETAILS	CRCP1-3-	0
	R-17	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT TERMINAL JOINTS	CRCP2-3-	1
	R-18	PAVEMENT RECONSTRUCTION DETAILS	PR-3-	0
	R-19	PORTLAND CEMENT CONCRETE PAVEMENT REPAIR	PCPR-3-	2
	R-20	PAVEMENT EDGE DRAIN	PED-3-	2
	R-21	PAVEMENT SAFETY EDGE	PSE-1-	0
	R-22	WHEELCHAIR RAMPS	WCR-3-	2
	R-23	TACTILE WARNING DEVICES	TWD-1-	1
	DRAINAGE STRUCTURES	R-24	PRECAST STANDARD MEDIAN DRAIN	PSMD-1
R-25		PRECAST CURB INLET (DESIGNS 1,2, AND 3)	PCI-0	0
R-26		CULVERT END TREATMENT SINGLE PIPE INSTALLATION 1 TO 4 SAFETY SLOPE	CET4S-3-	2
R-27		CULVERT END TREATMENT SINGLE PIPE INSTALLATION 1 TO 6 SAFETY SLOPE	CET6S-3-	2
R-28		CULVERT END TREATMENT DOUBLE PIPE INSTALLATION 1 TO 4 SAFETY SLOPE	CET4D-3-	2
R-29		CULVERT END TREATMENT DOUBLE PIPE INSTALLATION 1 TO 6 SAFETY SLOPE	CET6D-3-	2
R-30		PREFABRICATED CULVERT END SECTIONS	PCES-4-	1
R-31		SLOPED CONCRETE END SECTIONS	SCES-3-	0
R-32		CONCRETE DROP INLETS FOR R. C. BOXES (3' x 2' TO 6' x 6')	CDIB-1-	0
R-33		CONCRETE DROP INLETS FOR 30 DEG. SKEW R. C. BOXES (3' x 2' TO 6' x 6')	CDIB30-1-	0
R-34		CONCRETE DROP INLET FOR 18" TO 72" R. C. PIPES	CDIP-1-	1
R-35		CONCRETE DROP INLET FOR 30 DEG. SKEW 18" TO 72" R. C. PIPES	CDIP30-1-	0
R-36		STANDARD MEDIAN DRAINS (18" TO 36" PIPES)	SMD-3-	2
R-37		GRATED PIPE DROP INLET (18" TO 42" PIPE)	GPI-4-	0
R-38		STORM SEWER CONSTRUCTION DETAILS	SSCD-3-	1
R-39		CURB INLETS	CI-1-	2
R-40		STORM SEWER INLET FRAMES (CURB INLETS)	SSIF-4-	0
R-41		CAST IRON GRATES (CURB INLETS)	CIG-3-	0
R-42		MANHOLE FRAME AND COVER	MFC-4-	1
R-43		MANHOLES AND JUNCTION BOXES	MJB-3-	2
R-44		PRECAST ROUND MANHOLE	PRM-1-	0
R-45		PRECAST SQUARE MANHOLE	PSM-1-	0
R-46		PRECAST MANHOLE DETAILS	PMD-1-	0

	SHEET NO.	DESCRIPTION	STANDARD	REV. NO.
CULVERT INSTALLATION	R-47	STANDARD PIPE INSTALLATION	SPI-4-	1
	R-48	FLEXIBLE PIPE INSTALLATION	FPI-3-	3
	R-49	STANDARD PIPE BEDDING	SPB-1-	4
	R-50	FILL HEIGHT TABLES (METAL & POLYPROPYLENE PIPES)	FHTMPP-1-	0
	R-51	FILL HEIGHT TABLES (CONCRETE PIPES)	FHTCP-3-	1
	R-52	STANDARD BOX INSTALLATION	SBI-4-	2
	R-53	PIPE UNDERDRAIN INSTALLATION	PUD-3-	3
	R-55	Discontinued		
BARRIER	R-56	Discontinued		
	R-57	Discontinued		
	R-58	Discontinued		
	R-59	CONCRETE LONGITUDINAL BARRIER (NCHRP 350 F-SHAPE)	CLB-1-	3
MISCELLANEOUS CONSTRUCTION	R-62	MAILBOX INSTALLATION	MI-3-	0
	R-63	RURAL DRIVEWAY INSTALLATION	RDI-3-	2
	R-64	PAVED DITCHES AND FLUMES	DC-3-	2
	R-65	PAVEMENT DROP-OFF TREATMENTS	PDT-1-	3
	R-66	RIGHT-OF-WAY FENCE STYLE WWF (WOVEN WIRE FENCE)	RWF1-2-	3
	R-67	RIGHT-OF-WAY FENCE STYLE SWF (STRAND WIRE FENCE)	RWF2-2-	2
	R-68	RIGHT-OF-WAY FENCE STYLE CLF (CHAIN LINK FENCE)	RWF3-2-	3
	R-69	Reserved		
	R-70	SUPERELEVATION	SUEL1-3-	2
	R-71	SUPERELEVATION TABLES (e max = 4% AND LOW SPEED URBAN STREETS)	SUEL2-3-	2
	R-72	SUPERELEVATION TABLES (e max = 6%)	SUEL3-3-	2
	R-73	SUPERELEVATION TABLES (e max = 8%)	SUEL4-3-	2

NOTE: Standard drawings for Reinforced Concrete Boxes are available in the O.D.O.T. Bridge Design Standards.
 NOTE: Standard drawings for Rumble Strip are available in the O.D.O.T. Traffic Standards.
 NOTE: Standard drawings for Guard Rail are available in the O.D.O.T. Traffic Standards.

CURRENT AND DISCONTINUED STANDARDS ARE AVAILABLE FROM:
 O.D.O.T. REPRODUCTION BRANCH, RM. 1-A1, 200 N.E. 21ST, OKLAHOMA CITY, OK 73105-3204 (405) 521-2586

FOR QUESTIONS OR COMMENTS, CONTACT THE ROADWAY STANDARDS ENGINEER AT (405) 522-6299
 OR BY EMAIL AT RDWYSTDS@ODOT.ORG