

ATTENTION: DESIGN ENGINEERS AND GRAPHICS COORDINATORS

TITLE	DESCRIPTION
BARRIER (FLEXIBLE)	
GF (31)-19	METAL BEAM GUARD FENCE
GF (31)DAT-19	METAL BEAM GUARD FENCE (DOWNSTREAM ANCHOR TERMINAL)
GF (31)LS-19	METAL BEAM GUARD FENCE (LONG SPAN)
GF (31)TR-TL3-20	METAL BEAM GUARD FENCE TRANSITION (TL-3) (THREE BEAM TRANSITION)
GF (31)TR-TL2-19	METAL BEAM GUARD FENCE TRANSITION (TL2) (LOW SPEED TRANSITION)
GF (31)T101-19	METAL BEAM GUARD FENCE TRANSITION (T101)
GF (31)T6-19	METAL BEAM GUARD FENCE TRANSITION (T6)
GF (31)MS-19	METAL BEAM GUARD FENCE (MOW STRIP)
SRG(TL-2)-21	SHORT RADIUS GUARDRAIL SYSTEM, (31") (TL-2), (3 SHEETS)
SRG(TL-3)-21	SHORT RADIUS GUARDRAIL SYSTEM, (31") (TL-3), (3 SHEETS)
RAIL-ADJ(A)-19	METAL BEAM GUARD FENCE ADJUSTMENT
RAIL-ADJ(B)-19	METAL BEAM GUARD FENCE ADJUSTMENT
WMED-23	DOUBLE SIDED GUARDRAIL SYSTEM
BED-14	BRIDGE END DETAILS (METAL BEAM GUARD FENCE APPLICATIONS TO RIGID RAILS)
BARRIER (RIGID)	
CSB(1)-10	CONCRETE SAFETY BARRIER (F-SHAPE), PRECAST (TYPE 1), (2 SHEETS)
CSB(2)-13	CONCRETE SAFETY BARRIER (F-SHAPE), CAST-IN-PLACE (TYPE 1) (FLEXIBLE PAVEMENT)
CSB(3)-16	CONCRETE SAFETY BARRIER (F-SHAPE), CAST-IN-PLACE (TYPE 1) (BRIDGE DECK OR CRCP)
CSB(4)-19	CONCRETE SAFETY BARRIER (F-SHAPE), CAST-IN-PLACE (TYPE 2) AT LIGHT POLE
CSB(6)-10	CONCRETE SAFETY BARRIER (F-SHAPE), CAST-IN-PLACE (TYPE 3) AT FIXED OBJECTS
CSB(7)-26	CONCRETE SAFETY BARRIER (F-SHAPE), PRECAST (TYPE 1) PINNED PLACEMENT
CSB(8)-10	CONCRETE SAFETY BARRIER (F-SHAPE), PRECAST (TYPE 4) (10 FT. BARRIER SEGMENT)
SSCB(1)-16	SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE (TYPE 1) (BRIDGE DECK OR CRCP)
SSCB(1F)-10	SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE (TYPE 1) (FLEXIBLE PAVEMENT)
SSCB(2)-10	SINGLE SLOPE CONCRETE BARRIER, PRECAST (TYPE 1), (2 SHEETS)
SSCB(3)-10	SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE (TYPE 3) AT FIXED OBJECTS
SSCB(4)-19	SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE (TYPE 4) AT LIGHT POLE
SSCB(5)-26	SINGLE SLOPE CONCRETE BARRIER, PRECAST (TYPE 1) PINNED PLACEMENT
LPCB-26	LOW PROFILE CONCRETE BARRIER, PRECAST (TYPE 1 & 2), (2 SHEETS)
LPTB-22	LOW PROFILE CONCRETE T-BARRIER, PRECAST CONCRETE MASH-TL-3 COMPLIANT
FSLP(TR)-10	F-SHAPE TO LOW PROFILE, PRECAST BARRIER TRANSITION (TYPE T), (2 SHEETS)
SSCB-P(XB1)-20	SINGLE SLOPE CONCRETE BARRIER (PRECAST), X-BOLT CONNECTION, RESTRAINED, (TL-4)
SSCB-P(XB2)-20	SINGLE SLOPE CONCRETE BARRIER (PRECAST), X-BOLT CONNECTION, UNRESTRAINED, (TL-4)
SSCHEB-21	SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE (HEB) (RIGID PAVEMENT) (TL-4), (4 SHEETS)
SSCHEB2-21	SINGLE SLOPE CONCRETE BARRIER, CAST-IN-PLACE (HEB) (FLEXIBLE PAVEMENT) (TL-4), (3 SHEETS)
FSHEBSS(TR)-21	F-SHAPE TO HEB SINGLE SLOPE, CAST-IN-PLACE BARRIER TRANSITION, (RIGID) (TL-3), (2 SHEETS)
FSHEBSS(TR2)-21	F-SHAPE TO HEB SINGLE SLOPE, CAST-IN-PLACE BARRIER TRANSITION, (FLEXIBLE) (TL-3)
BG-11	BARRIER GATE, (2 SHEETS)
REBLOC(TL-3)-25	CONCRETE BARRIER SYSTEM, PRECAST, MASH TL-3 COMPLIANT
REBLOC(TL-5)-25	CONCRETE BARRIER SYSTEM, PRECAST, MASH TL-5 COMPLIANT
LPTBSSCB(TR)-26	LOW PROFILE T TO SINGLE SLOPE CONCRETE BARRIER TRANSITION (PRECAST) (TL3), (5 SHEETS)
PRECAST HEB-26	SINGLE SLOPE CONCRETE BARRIER HYDRAULICALLY EFFICIENT BARRIER (PRECAST) (TL4), (5 SHEETS)
BARRIER (STEEL)	
BARRIERGUARD-19	BARRIERGUARD 800 SYSTEM, (STEEL BARRIER)
HIGHWAYGUARD-21	HIGHWAYGUARD SYSTEM, (STEEL BARRIER)
HV2 BARRIER-21	HV2 SAFETY SYSTEM, (STEEL BARRIER)
ZONEGUARD-19	ZONEGUARD SYSTEM, (STEEL BARRIER)
GUARDRAIL END TREATMENTS	
SGT(10S)31-16	SINGLE GUARDRAIL TERMINAL (SOFTSTOP) (STEEL POST)
SGT(11S)31-18	SINGLE GUARDRAIL TERMINAL (MAX-TENSION) (STEEL POST)
SGT(12S)31-18	SINGLE GUARDRAIL TERMINAL (MSKT) (STEEL POST)
SGT(13S)31-18	SINGLE GUARDRAIL TERMINAL (MSKT) (STEEL POST) (RETROFIT-SYSTEM)
SGT(14W)31-18	SINGLE GUARDRAIL TERMINAL (MSKT) (WOOD POST) (RETROFIT-SYSTEM)
SGT(15)31-20	SINGLE GUARDRAIL TERMINAL (SPIG-SGET) (STEEL POST)
SGT(16)31-25	SINGLE GUARDRAIL TERMINAL (NGT) (STEEL POST)
ATTENUATORS / CRASH CUSHIONS	
SSCC-16	SINGLE SIDED CRASH CUSHION (BEAT-SSCC)
CATCB(1)-17	CRASH CUSHION ATTENUATING TERMINAL DETAILS, (2 SHEETS)
MATT(1)-23	CRASH CUSHION ATTENUATING TERMINAL DETAILS, (2 SHEETS)
QG(M)(W)-21	QUADGUARD (M) (WIDE)
QGUARD(M10)(N)-20	QUADGUARD (M10) (NARROW)
QGELITE(M10)(N)-20	QUADGUARD (ELITE) (M10) (NARROW)
QGELITE(M10)(W)-20	QUADGUARD (ELITE) (M10) (WIDE)
REACT(M)-21	REUSABLE ENERGY ABSORBING CRASH TERMINAL (NARROW REACT M)
REACT(W)-16	REUSABLE ENERGY ABSORBING CRASH TERMINAL (WIDE REACT 350)
SMTC(N)-16	SMART CUSHION (NARROW)
SMTC(W)-16	SMART CUSHION (WIDE)
TRACC(W)-16	TRINITY ATTENUATING CRASH CUSHION (WIDE TRACC SYSTEMS) (FASTRACC, TRACC, SHORTRACC)
TAU(M)(N)-19	LTS (UNIVERSAL CRASH CUSHION)
TAU-M(W)-25	LTS CRASH CUSHION (M-WIDE)

TITLE	DESCRIPTION
ATTENUATORS / CRASH CUSHIONS CONT'D	
TAU-XR-(N)-24	LTS CRASH CUSHION (XR-NARROW)
TAU-XR(W)-25	LTS CRASH CUSHION (XR-WIDE)
SMARTPOD-25	SMART POD (NARROW)
ABSORB(M)-19	LTS CRASH CUSHION, (TEMPORARY-WORK ZONE ONLY)
SLEDMINI-19	SLEDMINI CRASH CUSHION, TRAFFIX DEVICES INC., (TEMPORARY-WORK ZONE USE ONLY)
SLED-19	SLED CRASH CUSHION, TRAFFIX DEVICES INC., (TEMPORARY-WORK ZONE USE ONLY)
VIA(SFPM)-19	VEHICLE IMPACT ATTENUATOR (SAND FILLED PLASTIC MODULES)
DELTA-22	DELTA CRASH CUSHION (NARROW)
CABLE BARRIER SYSTEMS	
BRIFEN(TL4)-14	BRIFEN WIRE ROPE SAFETY FENCE (TL-4), (3 SHEETS)
CASS(TL3)-14	TRINITY CABLE SAFETY SYSTEM (TL-3)
CASS(TL4)-14	TRINITY CABLE SAFETY SYSTEM (TL-4)
GBRLTR(TL3)-14	GIBRALTAR CABLE BARRIER SYSTEM (TL-3)
GBRLTR(TL4)-14	GIBRALTAR CABLE BARRIER SYSTEM (TL-4)
NU-CABLE(TL3)-14	NU-CABLE BARRIER SYSTEM (TL-3) (3 OR 4 CABLE), (2 SHEETS)
NU-CABLE(TL4)-14	NU-CABLE BARRIER SYSTEM (TL-4) (4 CABLE), (2 SHEETS)
PAVEMENTS	
TE(HMAC)-11	TAPERED EDGE DETAILS HMAC PAVEMENT
TWT-04	THIN WHITETOPPING DETAILS
CRCP(1)-24	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, ONE LAYER STEEL BAR PLACEMENT, T-7 TO 13 INCHES, (2 SHEETS)
CRCP(2)-24	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, TWO LAYER STEEL BAR PLACEMENT, T-14 & 15 INCHES, (2 SHEETS)
REPCP-25	REPAIR OF CONCRETE PAVEMENT, (2 SHEETS)
CPCD-24	CONCRETE PAVEMENT DETAILS, CONTRACTION DESIGN, (2 SHEETS)
JS-25	CONCRETE PAVING DETAILS, JOINT SEALS
TRANS-20	CONCRETE PAVING DETAILS, TRANSITION SLAB, T-7 TO 13 INCHES
TEMPORARY EROSION	
EC(1)-16	TEMPORARY EROSION, CONTROL MEASURES (FENCE & VERTICAL TRACKING)
EC(2)-16	TEMPORARY EROSION, CONTROL MEASURES (ROCK FILTER DAMS)
EC(3)-16	TEMPORARY EROSION, CONTROL MEASURES (CONSTRUCTION EXITS)
EC(4)-16	TEMPORARY EROSION, CONTROL MEASURES (DIKES, EARTHWORK FOR EROSION CONTROL)
EC(5)-16	TEMPORARY EROSION, CONTROL MEASURES (SWALES, EARTHWORK FOR EROSION CONTROL)
EC(6)-16	TEMPORARY EROSION, CONTROL MEASURES (SEDIMENT BASINS & TRAPS, EARTHWORK FOR EROSION CONTROL)
EC(7)-16	TEMPORARY EROSION, CONTROL MEASURES (TEMPORARY PIPE SLOPE DRAINS)
EC(8)-16	TEMPORARY EROSION, CONTROL MEASURES (TEMPORARY PAVED FLUMES)
EC(9)-16	TEMPORARY EROSION, CONTROL MEASURES (EROSION CONTROL LOG) (3 SHEETS)
MISCELLANEOUS	
CCCG-22	CONCRETE CURB AND CURB AND GUTTER
PED-18	PEDESTRIAN FACILITIES, (4 SHEETS)
PRD-13	PEDESTRIAN HANDRAIL DETAILS, (3 SHEETS)
M-10	RIGHT OF WAY MARKER
CLF-10	CHAIN LINK FENCE
WF(1)-10	BARBED WIRE FENCE AND WOVEN WIRE FENCE (WOOD POSTS)
WF(2)-10	BARBED WIRE FENCE AND WOVEN WIRE FENCE (STEEL POSTS)
AREF-21	AMPHIBIAN AND REPTILE EXCLUSION FENCE
(28 INCH) SPECIAL APPLICATIONS	
MBGF-19	METAL BEAM GUARD FENCE
MBGF(SR)-19	METAL BEAM GUARD FENCE (SHORT RADIUS)
MBGF(TR)-19	METAL BEAM GUARD FENCE TRANSITION (THREE-BEAM TRANSITION)
MBGF(TL2)-19	METAL BEAM GUARD FENCE TRANSITION (TL2) (LOW SPEED TRANSITION)
MBGF(T101)-19	METAL BEAM GUARD FENCE TRANSITION (T101 BRIDGE RAIL)
MBGF(MS)-19	METAL BEAM GUARD FENCE (MOW STRIP)
BED(28)-19	BRIDGE END DETAILS (28" METAL BEAM GUARD FENCE APPLICATIONS TO RIGID RAILS)
DESIGN DETAILS	
1990 MAILBOX TURNOUT DETAIL.	(NOTE: GRAPHICS FILE; MBTURNOUT.DGN)
2023 SWP3 SUMMARY SHEETS (LESS THAN 1 ACRE).	(NOTE: GRAPHICS FILE; SWP3A23.DGN)
2023 SWP3 SUMMARY SHEETS (1 ACRE OR MORE).	(NOTE: GRAPHICS FILE; SWP3B23.DGN)
2025 ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS (EPIC).	(NOTE: GRAPHICS FILE; EPIC.DGN)
2025 EPIC SHEET GUIDANCE DOCUMENT	(NOTE: PDF; EPIC (GUIDE))
2024 SEAL COAT MATERIAL SELECTION TABLE.	(NOTE: GRAPHICS FILE; SCTABLE.DGN)
2011 BARRIER GATE.	(NOTE: FABRICATION DETAILS; BG(FD).PDF)
2025 CRASH CUSHION SUMMARY SHEET.	(NOTE: GRAPHICS FILE; CCS.DGN)
2025 CRASH CUSHION SUMMARY SHEET (EXAMPLE).	(NOTE: GRAPHICS FILE; CCSSEX.DGN)
2019 COMMERCIAL VEHICLE ENFORCEMENT, WIDENING DETAIL	(NOTE: GRAPHICS FILE; CVEWD.DGN & PDF)

NEW STANDARDS: LPTBSSCB(TR)-26, PRECAST HEB-26
 REVISED/UPDATED STANDARD: LPCB-26, CSB(7)-26, SSCB(5)-26

CURRENT REVISIONS

FILE: RDWINDEX.DGN

REVISED: MAY 2026: CONTACT: (512)416-2656 - DESIGN DIVISION

STANDARD SHEETS AND DESIGN DETAILS



Design
Division
Standard