

Bureau of Design Detail Standards

DETAIL #	CREATED/ REV. DATE	DESCRIPTION OF DETAIL
BD01.DGN	11/18/2022	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER GREATER OR EQUAL TO 15' (4.5 m)
BD02.DGN	11/18/2022	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB GREATER THAN 15' (4.5 m)
BD03.DGN	11/18/2022	OUTLET FOR CONCRETE CURB AND GUTTER
BD05.DGN	11/18/2022	CONCRETE MEDIAN TYPE SB (DOWELLED) AND CORRUGATED MEDIAN (MODIFIED)
BD07.DGN	11/18/2022	STORM SEWER CONNECTION TO EXISTING SEWER
BD08.DGN	09/15/2023	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD09.DGN	11/18/2022	CITY OF CHICAGO DRAINAGE DETAILS
BD12.DGN	11/18/2022	MANHOLE WITH RESTRICTOR PLATE
BD16.DGN	10/18/2002	DROP MANHOLE DETAILS
BD17.DGN	11/18/2022	CITY OF CHICAGO PCC CONC DRIVEWAY, ALLEY RETURN AND SIDEWALK
BD22.DGN	11/18/2022	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD24.DGN	07/11/2019	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD27.DGN	11/18/2022	CONCRETE BARRIER TRANSITION, GENERAL DETAILS AND CONCRETE BARRIER BASE
BD28.DGN	11/18/2022	RUSTICATION FINISH AND GEOCOMPOSITE DRAIN FOR RETAINING WALLS
BD29.DGN	11/18/2022	CONC. BARRIER PIER SLOPE WALL PROTECTION DETAIL
BD30.DGN	10/18/2002	DRAINAGE STRUCTURE TYPE 4
BD31.DGN	10/18/2002	DRAINAGE STRUCTURES 1A (SPECIAL), 2A (SPECIAL) AND 3A (SPECIAL)
BD32.DGN	11/18/2022	BUTT JOINTS AND HMA TAPER
BD33.DGN	11/18/2022	HMA TAPER AT EDGE OF PCC PAVEMENT
BD34.DGN	11/18/2022	DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL
BD36.DGN	11/18/2022	FIRE HYDRANT TO BE MOVED
BD47.DGN	11/18/2022	CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS
BD48.DGN	11/18/2022	SEMI CIRCULAR PCC PAVEMENT ROUNDOUTS AT EDGE OF PAVEMENT OR BACK OF CURB
BD49.DGN	11/18/2022	CENTERLINE SAWCUT 4.8 m (16') & VARIABLE JOINTED PCC PAVEMENT FOR RAMPS
BD51.DGN	11/18/2022	BENCHING DETAIL FOR EMBANKMENT WIDENING
BD52.DGN	03/27/2019	DETAIL OF PAVEMENT SEPERATION, JOINT FOR JOINTED PAVEMENTS AT INTERSECTIONS
BD53.DGN	11/18/2022	DETAIL OF VARIOUS TYPES OF LANE REDUCTION FOR PCC PAVEMENT
BD54.DGN	11/18/2022	CENTERLINE SAW CUT FOR DEAD END JOINT
BD55.DGN	11/18/2022	RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY
BD56.DGN	11/18/2022	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
BD57.DGN	08/15/2019	NEW TOLLWAY MATERIALS PRECAST CONCRETE PAVEMENT SLABS STANDARDS
BD58.DGN	06/20/2017	CITY OF CHICAGO DETECTABLE WARNINGS

Bureau of Electrical Detail Standards

DETAIL #	CREATED/ REV. DATE	DESCRIPTION OF DETAIL
NOTE:	FOR "BE" SERIES STANDARDS NOT LISTED HERE CONTACT THE BUREAU OF ELECTRICAL OPERATIONS DIRECTLY	
BE200.DGN	03/29/2012	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP, (DUAL)(4 SHEETS)
BE205.DGN	07/21/2017	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP, (DUAL) RADIO SCADA (4 SHEETS)
BE206.DGN	01/14/2020	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP, (DUAL) RADIO SCADA - FIBER OPTICAL PROVISION (4 SHEETS)
BE210.DGN	08/19/2004	LIGHTING CONTROLLER PEDESTAL MOUNT
BE215.DGN	08/20/2004	LIGHTING CONTROLLER SINGLE DOOR
BE220.DGN	03/03/2006	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE230.DGN	02/27/2013	COMBINATION LIGHTING AND TRAFFIC POLE MOUNTED ELECTRIC SERVICE BOX DETAIL
BE240.DGN	05/05/2022	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE300.DGN	12/18/2002	LIGHTPOLE FOUNDATION 30' TO 35' M.H. 11 1/2" BOLT CIRCLE
BE301.DGN	04/22/2002	LIGHT POLE FOUNDATION 40' TO 47 1/2' M.H. 15" BOLT CIRCLE
BE305.DGN	02/27/2007	LIGHT POLE FOUNDATION, METAL

NOTES:

1. 01/01/07 - ALL DISTRICT ONE DETAILS HAVE BEEN MODIFIED TO REFLECT IDOT 2007 SPEC BOOK ENGLISH-METRIC NOTATION CHANGES.
2. REVISION DATES WERE NOT CHANGED ON DETAIL STANDARDS WHEN ONLY ENGLISH-METRIC NOTATION HAVE BEEN MADE.

Bureau of Electrical Detail Standards cont.

DETAIL #	CREATED/ REV. DATE	DESCRIPTION OF DETAIL
NOTE:	FOR "BE" SERIES STANDARDS NOT LISTED HERE CONTACT THE BUREAU OF ELECTRICAL OPERATIONS DIRECTLY	
BE310.DGN	06/16/2008	LIGHT POLE FOUNDATION, OFFSET 40' (12.192 m) TO 47' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE322.DGN	04/07/2004	24" DIAMATER LIGHT POLE FOUNDATION INTEGRAL WITH DOUBLE FACE BARRIER WALL
BE323.DGN	01/30/2024	24" DIAMETER LIGHT POLE FOUNDATION, INTREGAL WITH DOUBLE FACE BARRIER WALL, CONSTANT SLOPE
BE329.DGN	06/28/2007	LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL 11 1/2" BOLT CIRCLE
BE330.DGN	04/22/2002	LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL 15" BOLT CIRCLE
BE331.DGN	04/12/2023	LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL, CONSTANT SLOPE 15" BOLT CIRCLE
BE400.DGN	12/19/2023	ALUMINUM LIGHT POLE 47'-6" MOUNTING HEIGHT
BE401.DGN	12/19/2023	ALUMINUM LIGHT POLE 40' MOUNTING HEIGHT
BE402.DGN	12/19/2023	ALUMINUM LIGHT POLE 35' MOUNTING HEIGHT
BE403.DGN	12/19/2023	ALUMINUM LIGHT POLE 30' MOUNTING HEIGHT
BE404.DGN	06/13/2022	ALUMINUM LIGHT POLE 55' MOUNTING HEIGHT
BE410.DGN	08/09/2024	DAVIT LIGHT POLE 47'-6" MOUNTING HEIGHT
BE411.DGN	08/09/2024	DAVIT LIGHT POLE 40' MOUNTING HEIGHT
BE412.DGN	08/09/2024	DAVIT LIGHT POLE 35' MOUNTING HEIGHT
BE413.DGN	08/09/2024	LIGHT POLE, ALUMINUM, DAVIT TYPE, 30 FT. M.H.
BE500.DGN	07/26/2016	HIGH MAST LIGHT TOWER 100' TO 160'
BE501.DGN	07/27/2016	HIGH MAST LIGHT TOWER FOUNDATION 100' - 160'
BE506.DGN	07/27/2016	HIGH MAST LIGHT TOWER FOUNDATION 120' - 140'
BE511.DGN	07/27/2016	HIGH MAST LIGHT TOWER FOUNDATION 150' - 160'
BE600.DGN	08/19/2004	ELECTRIC CONNECTION TO SIGN STRUCTURE - SPAN TYPE (2 SHEETS)
BE601.DGN	08/19/2004	ELECTRIC CONNECTION TO SIGN STRUCTURE - CANTILEVER TYPE (2 SHEETS)
BE602.DGN	04/14/2008	ELECTRIC CONNECTION TO SIGN STRUCTURE - BRIDGE TYPE
BE610.DGN	10/16/2014	REMOVAL OF ELECTRICAL LIGHTING FROM SIGN STRUCTURE - SPAN TYPE (2 SHEETS)
BE701.DGN	08/08/2003	LUMINAIRE SAFETY CABLE ASSEMBLY
BE702.DGN	02/04/2020	MISCELLANEOUS ELECTRICAL DETAILS, SHEET A - (CABLE SPLICE, POLE WIRING, TRENCH DETAIL)
BE703.DGN	01/20/2009	MISCELLANEOUS DETAILS, SHEET B - J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
BE705.DGN	03/22/2010	COMMUNICATIONS VAULT, COMPOSITE CONCRETE
BE800.DGN	07/26/2016	TEMPORARY LIGHT POLE
BE801.DGN	08/08/2003	TEMPORARY AERIAL CABLE INSTALLATION
BE805.DGN	01/14/2010	TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING
BE900.DGN	12/12/2005	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
BE901.DGN	01/15/2020	SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS
BE902.DGN	03/10/2015	PIER / ABUTMENT MOUNTED UNDERPASS, LUMINAIRE INSTALLATION DETAILS
BE903.DGN	01/15/2020	PIER / ABUTMENT MOUNTED LED UNDERPASS, LUMINAIRE INSTALLATION DETAILS
BE1000.DGN	06/05/2014	CCTV CAMERA STRUCTURE 50' (15.24 m) MOUNTING HEIGHT
BE1001.DGN	03/11/2013	CCTV CAMERA STRUCTURE FOUNDATION 50' (15 - 24m) MOUNTING HEIGHT
BE1002.DGN	04/17/2017	CCTV CAMERA STRUCTURE 80' MOUNTING HEIGHT
BE1003.DGN	04/17/2017	CCTV CAMERA STRUCTURE 80' MOUNTING HEIGHT, FOUNDATION
BE1005.DGN	04/28/2010	BRIDGE MOUNTED CCTV CAMERA
BE1050.DGN	05/02/2016	FIBER OPTIC INTERCONNECT CABINET
BE1100.DGN	11/20/2014	CCTV CAMERA EQUIPMENT INSTALLATION 50' (15.24 m) MOUNTING HEIGHT
BE1200.DGN	06/05/2025	MULTI-CELL FIBER OPTIC MICRODUCT
BE1210.DGN	06/05/2025	LATERAL FIBER OPTIC DUCT
BE2100.DGN	01/26/2018	FIBER ASSIGNMENTS, 96 TRUNK CABLE
BE2105.DGN	01/26/2018	FIBER ASSIGNMENTS, 144 TRUNK CABLE
BE2110.DGN	01/26/2018	FIBER ASSIGNMENTS, 96 DISTRIBUTION CABLE
BE2115.DGN	01/29/2018	FIBER ASSIGNMENTS, 144 DISTRIBUTION CABLE
BE2120.DGN	01/26/2018	FIBER ASSIGNMENTS, 6 FIBER LATERAL CABLE
BE2130.DGN	01/26/2018	FIBER ASSIGNMENTS, 12 FIBER LATERAL CABLE
BE2135.DGN	01/29/2018	FIBER ASSIGNMENTS, 24 FIBER LATERAL CABLE

Bureau of Maintenance Detail Standards

DETAIL #	CREATED/ REV. DATE	DESCRIPTION OF DETAIL
BM01.DGN	05/02/2000	STEEL RAILING
BM02.DGN	05/02/2000	ANCHOR DETAIL FOR STEEL PLATE BEAM GUARDRAIL ON CONCRETE
BM03.DGN	05/02/2000	GUARDRAIL ANCHOR BLOCK REPAIR
BM04.DGN	05/02/2000	STEEL PLATE BEAM GUARDRAIL ANCHOR REPAIR
BM05.DGN	05/02/2000	CENTER LONGITUDINAL JOINT GUARDRAIL JOINT
BM06.DGN	05/02/2000	STEEL PLATE BEAM GUARDRAIL, SPECIAL
BM07.DGN	05/02/2000	GUARDRAIL SUPPORT AND END ANCHORAGE
BM08.DGN	05/02/2000	SELF RESTORING BARRIER GUARDRAIL
BM12.DGN	05/02/2000	TRAFFIC BARRIER TERMINAL TYPE 3C
BM15.DGN	09/26/2007	SCHEDULE OF LANDSCAPE ITEMS
BM17.DGN	05/10/2000	PEDESTRIAN BARRIER
BM20.DGN	10/31/2006	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE
BM21.DGN	10/31/2006	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
BM22.DGN	02/19/2008	TRAFFIC BARRIER TERMINAL TYPE 6, FOR USE WITH 21" HIGH SPBGR
BM-PPS-1.DGN	01/22/2009	PERMANENT PROTECTIVE SHIELD (Central Office Detail)

Consultant Services Special Details

DETAIL #	CREATED/ REV. DATE	DESCRIPTION OF DETAIL
NOTE:	THE "CS" SERIES STANDARDS WERE DEVELOPED AS SPECIAL PROJECT DETAILS.	
CS01.DGN	10/18/2002	BRIDGE SCUPPER TYPE A
CS02.DGN	10/18/2002	BRIDGE SCUPPER TYPE B
CS03.DGN	10/18/2002	BRIDGE SCUPPER TYPE C
CS04.DGN	10/01/1991	BRIDGE SCUPPER TYPE A ASSEMBLY
CS05.DGN	10/01/1991	BRIDGE SCUPPER TYPE B ASSEMBLY
CS06.DGN	10/01/1991	BRIDGE SCUPPER TYPE C ASSEMBLY
CS07.DGN	10/18/2002	CATCH BASIN AND INLET 4x3 AND 4x5 FOR H LESS THAN OR EQUAL TO 8'0"
CS08.DGN	10/18/2002	CATCH BASIN AND INLET 4x3 AND 4x5 FOR H GREATER THAN 8'0"
CS09.DGN	08/01/2003	CATCH BASIN AND INLET 8x3 AND 8x5 FOR H LESS THAN OR EQUAL TO 8'0"
CS10.DGN	07/08/2004	DRAINAGE STRUCTURES CATCH BASINS 8x3 AND 8x5 (FOR DEPTHS WHERE H > 8")

Bureau of Traffic Detail Standards

DETAIL #	CREATED/ REV. DATE	DESCRIPTION OF DETAIL
TC08.DGN	05/03/2024	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC09.DGN	06/31/2013	FREEWAY SINGLE AND MULTI LANE WEAVE
TC10.DGN	05/03/2024	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11.DGN	07/01/2013	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC12.DGN	11/18/2022	MULTI-LANE FREEWAY PAVEMENT MARKING (2 SHEETS)
TC13.DGN	04/12/2016	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14.DGN	09/15/2016	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16.DGN	09/15/2016	SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC17.DGN	05/03/2024	TRAFFIC CONTROL FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC18.DGN	06/03/2013	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC21.DGN	09/14/2009	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC22.DGN	01/31/2007	ARTERIAL ROAD INFORMATION SIGN
TC23.DGN	08/22/2019	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (2 SHEETS)
TC24.DGN	02/28/2012	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (3 SHEETS)
TC25.DGN	12/22/2009	FREEWAY CENTER LANE LOSURE SHOULDER LANE
TC26.DGN	02/15/2007	DRIVEWAY ENTRANCE SIGNING
TC27.DGN	02/04/2009	MILE POST MARKERS - GORE SIGNS - MAJOR GUIDE SIGN LAYOUT - ARROWS
TC28.DGN	03/05/2025	RAILROAD CROSSING REPAIR DETOUR SIGNING
TC32.DGN	10/01/2015	OVERHEAD SIGN STRUCTURE SUPPORT DETAIL FOR SIGN PANELS EXCEDDING HEIGHT OF EXISTING TRUSS
TC33.DGN	11/18/2022	SMART TRAFFIC MONITORING SYSTEM TYPICAL LAYOUT
TS02.DGN	07/01/2015	MAST ARM MOUNTED STREET NAME SIGNS
TS03.DGN	11/20/2014	HANDHOLE TO INTERCEPT EXISTING CONDUIT
TS04.DGN	07/01/2015	FLASHING BEACON INSTALLATION DETAILS
TS05.DGN	09/29/2016	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (7 SHEETS)
TS07.DGN	11/20/2014	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING
TS08.DGN	11/20/2014	EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION - MAIN STREET AND CROSS STREET

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	USER NAME = Lawrence,DeManche	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF DISTRICT ONE STANDARD DETAILS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -										
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -										
	PLOT DATE = 6/27/2025	DATE -	REVISED - 06/27/2025										
					SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO.			
										ILLINOIS	FED. AID PROJECT		