

## SECTION I - BARRIER

DETAIL NO.	DESCRIPTION	DATE REVISED		DETAIL NO.	DESCRIPTION	DATE REVISED
B-L	BARRIER LEGEND	2022		B-13	HARDWARE	-
B-1	GUARDRAIL APPLICATIONS (TYPES 1-31, 2-31, AND 3-31)	-		1	W-BEAM SECTION AND ELEVATION VIEWS	2020
	1 PLAN VIEWS	2024		2	W-BEAM STEEL POST AND OFFSET BLOCK	2020
	2 ELEVATION VIEWS AND SPLICE DETAIL	2024		3	W-BEAM TERMINAL CONNECTOR	2020
	3 SECTION VIEWS	2024		4	THRIE-BEAM AND THRIE-BEAM EXPANSION ELEMENT SECTION AND ELEVATION	2020
	4 TYPE 1-31, GUARDRAIL WITH OMITTED POST	2022		5	THRIE-BEAM STEEL POST AND OFSET BLOCK	2020
	5 TYPE 1-31, GUARDRAIL STEEP SLOPE	2024		6	ASYMMETRIC AND SYMMETRIC W-BEAM TO THRIE-BEAM TRANSITION SECTION	2020
B-2	GRADING FOR GUARDRAIL END TREATMENTS (TYPES 1, 2, AND 3)	-		7	WOOD OFFSET BLOCKS, SOIL PLATE, STEEL TUBE, AND WOOD BREAKAWAY POSTS	2020
	1 TYPES 1-31 AND 2-31	2024		8	END ANCHORAGE HARDWARE	2022
	2 TYPE 3-31	2024		9	REFLECTOR AND 2-BEAM BEARING PLATE	2024
B-3	GUARDRAIL OVER CULVERTS	-		10	GUARDRAIL MOUNTED RAIL - ARCHIVED	2024
	1 TYPE 2-31	2024		11	DOWNSTREAM ANCHORAGE SYSTEM-GROUND STRUT & ANCHOR BRACKET	2020
	2 TYPE 3-31	2022		12	GUARDRAIL TO BARRIER CONNECTION - THRIE-BEAM TERMINAL CONNECTOR	2020
B-4	END ANCHORAGE, TYPE 1-31	2024		B-14	RESERVED	-
B-5	RESERVED	-		B-15	GUARDRAIL APPLICATIONS, 27"	-
B-6	RESERVED	-		1	PLAN VIEWS	2020
B-7	W-BEAM, TYPE 1-27 TO 1-31 TRANSITION SECTION	2024		2	ELEVATION VIEWS AND SPLICE DETAIL	2020
B-8	GUARDRAIL TO BARRIER CONNECTION, APPROACH AND EXIT TYPE 1-31	-		3	SECTION VIEWS	2020
	1 APPROACH TYPE 1-31 - PLAN AND ELEVATION VIEWS	2024		B-16	RESERVED	-
	2 TYPE 1 HARDWARE	2020		B-17	GUARDRAIL END TREATMENT, TYPE 4-27	2020
	3 BENT PLATE RUB RAIL	2020		B-18	CURVED GUARDRAIL SECTION, TYPE 1-27	2020
	4 EXIT TYPE 1-31	2020		B-19	RESERVED	-
B-9	RESERVED	-		B-20	BURRIED IN BACK SLOPE END TERMINAL, TYPE 1-31	-
B-10	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 3-31	-		1	PERSPECTIVE AND ELEVATION VIEWS	2024
	1 APPROACH TYPE 3-31 PLAN AND ELEVATION VIEWS	2024		2	SECTION VIEWS	2020
	2 POST	2020		3	HARDWARE	2020
	3 POST AND OFFSET BLOCK	2020		4	POSTS	2024
	4 TERMINAL END SHOE AND CONNECTION	2020		B-21	RESERVED	-
B-11	THRIE-BEAM APPROACH GAURDRAIL TRANSITION (AGT) TO CONCRETE BUTTRESS			B-22	RESERVED	-
	1 THRIE-BEAM AGT TO CONNECTION BUTTRESS - ELEVATION AND PLAN VIEWS	2024		B-23	RESERVED	-
	2 THRIE-BEAM AGT TO CONCRETE BUTTRESS - PLAN, ELEVATION, AND SECTION VIEWS	2020		B-24	RESERVED	-
	3 36" F-SHAPE TRANSITION	2024		B-25	CONCRETE ROADSIDE BARRIER, 36"	-
	4 36" F-SHAPE TRANSITION REINFORCEMENT	2020		1	TYPICAL SECTIONS - TYPE 1, 2, AND 3	2024
	5 42" F-SHAPE TRANSITION	2024		2	ELEVATION AND REINFORCEMENT	2024
	6 42" F-SHAPE TRANSITION REINFORCEMENT	2020		B-26	CONCRETE ROADSIDE BARRIER, 42"	-
	7 42" SINGLE SLOPE TRANSITION REINFORCEMENT	2024		1	TYPICAL SECTIONS - TYPE 1, 2, AND 3	2024
	8 42" SINGLE SLOPE TRANSITION REINFORCEMENT	2020		2	ELEVATION AND REINFORCEMENT	2024
B-12	RESERVED	-		B-27	32" CONCRETE MEDIAN BARRIER (F-SHAPE)	2024
				B-28	36" CONCRETE MEDIAN BARRIER (F-SHAPE)	2024
				B-29	42" CONCRETE MEDIAN BARRIER (F-SHAPE)	2024
				B-30	42" CONCRETE MEDIAN BARRIER (SINGLE SLOPE)	2024



## SECTION II - CURB AND GUTTER

DETAIL NO.	DESCRIPTION	DATE REVISED
<b>C-1</b>	<b>PCC CURB</b>	-
1	PCC CURB	2024
2	INTEGRAL PCC CURB & GUTTER	2024
3	INTEGRAL PCC CURB & GUTTER (FOR USE AT PEDESTRIAN CONNECTIONS ONLY)	2024
4	PCC ROUNDABOUT CURB AND GUARDAIL CURB	2024
<b>C-2</b>	<b>PEDESTRIAN CONNECTION</b>	-
1	GENERAL NOTES	2024
2	TYPE 1	2024
3	TYPE 1	2024
4	TYPE 2	2024
5	TYPE 3	2024
6	TYPE 4	2024
7	TYPE 5	2024
8	DWS AND DTSI PLACEMENT	2024
<b>C-3</b>	<b>ENTRANCES</b>	2024
<b>C-4</b>	<b>CURB OPENING</b>	2024
<b>C-5</b>	<b>CURB/SIDEWALK OPENING</b>	-
1	INTEGRAL PCC CURB & GUTTER TYPE 1-8 AND NOT ADJACENT TO CURB INSTALLATIONS	2024
2	INTEGRAL PCC CURB & GUTTER TYPE 3-8	2024
<b>C-6</b>	<b>CURB RETAINING WALL</b>	2024

## SECTION III - DRAINAGE

DETAIL NO.	DESCRIPTION	DATE REVISED
<b>D-1</b>	<b>6:1 CONCRETE SAFETY END STRUCTURE</b>	-
1	PLAN AND SECTION VIEWS	2018
2	SCHEDULES	2018
<b>D-2</b>	<b>10:1 CONCRETE SAFETY END STRUCTURE</b>	-
1	PLAN AND SECTION VIEWS	2018
2	SCHEDULES	2018
<b>D-3</b>	<b>SAFETY GRATES</b>	-
1	SAFETY END STRUCTURE GRATE AND ASSEMBLY	2020
2	PERSONNEL SAFETY GRATE	2022
<b>D-R</b>	<b>DRAINAGE INLET BOX REFERENCE SHEET</b>	2024
<b>D-4</b>	<b>INLET BOX</b>	2024
<b>D-5</b>	<b>DRAINAGE INLET DETAILS</b>	-
1	DRAINAGE INLET ASSEMBLY	2020
2	DRAINAGE INLET FRAME AND GRATES	2024
3	DRAINAGE INLET TOP UNITS	2024
4	DRAINAGE INLET COVER SLAB	2020
5	DOUBLE INLET COVER SLAB	2020
6	34" X 24" DRAINAGE INLET AND COVER SLAB	2020
7	34" X 18" DRAINAGE INLET	2020
8	DRAINAGE INLET TOP UNIT, TYPE S	2022
9	DOGHOUSE INLET BOX	2024
<b>D-6</b>	<b>MANHOLE DETAILS</b>	-
1	BOX MANHOLE ASSEMBLY	2024
2	ROUND MANHOLE ASSEMBLY	2024
3	MANHOLE, GRADE RING, TOP UNIT, FRAME AND COVER	2020
4	BOX MANHOLE COVER SLAB	2020
5	ROUND MANHOLE COVER SLAB	2020
<b>D-7</b>	<b>RESERVED</b>	-
<b>D-8</b>	<b>PIPE BEDDING AND PIPE FLARED END SUPPORT</b>	2021
<b>D-9</b>	<b>PERFORATED PIPE UNDERDRAIN</b>	2024
<b>D-10</b>	<b>PIPE PLUGGING</b>	2024
<b>D-11</b>	<b>RESERVED</b>	-



SECTION IV - EROSION		
DETAIL NO.	DESCRIPTION	DATE REVISED
E-1	CONCRETE WASHOUT	2024
E-2	SILT FENCE	-
	1 SILT FENCE	2020
	2 SUPER SILT FENCE	2020
E-3	SEDIMENT TRAP	2024
E-4	INLET SEDIMENT CONTROL, DRAINAGE INLET	2024
E-5	INLET SEDIMENT CONTROL, CULVERT INLET	2024
E-6	PORTABLE SEDIMENT TANK	2020
E-7	SUMP PIT	2014
E-8	SKIMMER DEWATERING DEVICE	2024
E-9	CHECK DAM	-
	1 STONE CHECK DAM	2020
	2 COMPOST FILTER LOG CHECK DAM	2020
E-10	TEMPORARY SLOPE DRAIN	2024
E-11	RESERVED	-
E-12	RESERVED	-
E-13	RESERVED	-
E-14	STABILIZED CONSTRUCTION ENTRANCE	2024
E-15	SANDBAG DIKE	2024
E-16	SANDBAG DIVERSION	2014
E-17	GEOTEXTILE-LINED CHANNEL DIVERSION	2024
E-18	TURBIDITY CURTAIN	2014
E-19	STILLING WELL	2020
E-20	RIPRAP ENERGY DISSIPATOR	2024
E-21	STONE OUTLET	2024

SECTION V - LANDSCAPING		
DETAIL NO.	DESCRIPTION	DATE REVISED
L-1	PLANT DETAILS	-
	1 ROADSIDE SHRUB PLANTING	2024
	2 TREE PLANTING	2024
	3 PERENNIAL GROUND COVER PLANTING	2024
	4 AQUATIC PLANTING	2024

SECTION VI - MISCELLANEOUS		
DETAIL NO.	DESCRIPTION	DATE REVISED
M-1	RIGHT-OF-WAY FENCE	2021
M-2	RIGHT-OF-WAY MONUMENTATION	2024
M-3	SHARED-USE PATH AND SIDEWALK	2024
M-4	BIKE RACK LAYOUT	2024
M-5	WOOD RAIL FENCE	2020
M-6	PATTERNED HOT-MIX OR CONCRETE & BRICK PAVER	2024

SECTION VI - MISCELLANEOUS CONT'D		
DETAIL NO.	DESCRIPTION	DATE REVISED
M-7	CHAIN LINK FENCE	2022
M-8	PCC PARKING BUMPER	2014
M-9	BUS STOP PAD	-
	1 BUS STOP PAD, TYPES 1, 2 & 3	2024
	2 BUS STOP PAD WITH SHELTER, TYPES 1 & 2	2021
M-10	BRIDGE SAFETY FENCE	-
	1 BRIDGE SAFETY FENCE, TYPE 1	2014
	2 BRIDGE SAFETY FENCE, TYPE 2	2014
	3 HARDWARE	2024
M-11	STEEL PLATE	-
	1 ROADWAY	2021
	2 BRIDGE DECK	2021
	3 BRIDGE DECK	2021
M-12	DRIVEWAY TRANSVERSE SLOPE GRADING	2021
M-13	TEMPORARY PEDESTRIAN PATHWAY	2024
M-14	PINNED TO UNPINNED TEMPORARY PCC SAFETY BARRIER CONNECTION	2024

SECTION VII - PAVEMENT		
DETAIL NO.	DESCRIPTION	DATE REVISED
P-1	PCC PAVEMENT	-
	1 SLAB PLAN (WITH DOWEL AND TIE LOCATIONS)	2024
	2 JOINT AND SEALANT	2024
	3 W BOLT, HOOK BOLT, DOWEL AND TIE BAR	2024
	4 DOWEL AND TIE BAR PLACEMENT TOLERANCE	2024
P-2	PCC PAVEMENT PATCHING	-
	1 FULL DEPTH PATCH, PLAN VIEWS	2024
	2 FULL DEPTH PATCH, SECTION VIEWS	2024
	3 LONGITUDINAL CONSTRUCTION JOINT DETAIL	2024
	4 FULL DEPTH PATCH, SEALANT, GROUT RETENTION DISK AND DOWEL BARS	2024
	5 FULL DEPTH PATCH, DOWL BAR PLACEMENT TOLERANCE	2024
	6 PARTIAL DEPTH PATCH, PLAN AND SECTION VIEW	2024
P-3	BUTT JOINTS	2024
P-4	PERMANENT CROSS-ROAD PATCH OVER PIPE TRENCH	2024
P-5	RUMBLE STRIPS	-
	1 CONTINUOUS EDGELINE AND CONTINUOUS SHALLOW DEPTH	2018
	2 BIKE FRIENDLY EDGELINE AND CENTERLINE	2024
P-6	PAVEMENT SAFETY EDGE	2021
P-7	SPEED HUMP	2024
P-8	DOWEL SUPPORT BASKET	2024



## SECTION VII - TRAFFIC

DETAIL NO.	DESCRIPTION	DATE REVISED	DETAIL NO.	DESCRIPTION	DATE REVISED
T-1	CONDUIT JUNCTION WELLS	-	T-13	RESERVED	-
1	TYPE 1	2024	T-14	EMERGENCY PREEMPTION RECIEVER	-
2	TYPE 4	2024	1	UPRIGHT MOUNT	2024
3	TYPE 5	2024	2	INVERTED MOUNT	2024
4	TYPE 7	2024	T-15	BREAKAWAY SIGN POST AND PIN ASSEMBLY DETAILS	2024
T-2	JUNCTION WELL, GROUNDING & BONDING FOR STEEL FRAMES & LIDS	2024	T-16	PERMANENT WOOD BARRICADE	2024
T-3	STANDARD LIGHTING CABINET, TYPES M, P, AND R	2024	T-17	ELECTRICAL SERVICE PEDESTAL - LIGHTING, SIGNAL, & ITMS COMPONENT INSTALLATION	-
T-4	CABINET BASES	-	1	100 AMP (3+ DEVICES)	2024
1	TYPES M, K & F	2024	2	100 AMP (CONDENSED)	2024
2	TYPES P & R	2024	3	100 AMP (UP TO 2 DEVICES)	2024
T-5	POLE BASES	-	4	200 AMP - STANDARD LIGHTING COMPONENT INSTALLATIONS	2024
1	ROUND BASE & ROUND BASE WITH SQUARE FOUNDATION HEADER	2024	5	LIGHTING COMPONENT INSTALLATIONS (12 OR LESS FIXTURES)	2024
2	TYPICAL SECTION AND INSTALLATION (BASES 1, 2, 2A, 2B, 3, 3A, AND 3B)	2024	6	SIGN ASSEMBLIES WITH HFLASHING BEACONS - 100 AMP	2024
3	TYPICAL SECTION (BASE 6A) AND POLE BASE DATA CHART	2024	7	SIGN ASSEMBLIES WITH HFLASHING BEACONS - 100 AMP (CONDENSED)	2024
4	TYPICAL SECTION (BASE 6B) AND POLE BASE DATA CHART	2024	T-18	PEDESTRIAN PUSHBUTTON LOCATION	-
5	TYPICAL SECTION (BASE 4A AND 4B) AND ANCHOR DETAIL	2024	1	PUSHBUTTON ASSEMBLY LOCATION ON POLE	2022
T-6	RESERVED	-	2	SIGN ATTACHMENT	2022
T-7	RESERVED	-	3	AC-POWERED RRFB SIGNAL POLE INSTALLATION	2024
T-8	LOOP DETECTOR LEAD-IN WIRE INSTALLATION	-	T-19	BARRIER MOUNTED SIGN	-
1	JUNCTION WELL BEHIND CURB OR CURB AND GUTTER WITH GRASS STRIP	2024	1	BARRIER MOUNTED SIGN	2024
2	JUNCTION WELL BEHIND CURB OR CURB AND GUTTER WITH OR WITHOUT SIDEWALK	2024	2	SIGN ATTACHMENT	2024
3	JUNCTION WELL IN CONCRETE ISLAND	2020	3	MILE MARKER BARRIER MOUNT	2024
4	JUNCTION WELL WITH SIDEALK AND GRASS STRIP AND DIRECTLY ADJACENT TO PAVED SURFACE	2024	T-20	BREAKAWAY STEEL SIGN SUPPORT CHARTS	-
T-9	LOOP DETECTOR WIRING INSTALLATION TYPICALS	-	1	TWO POST SELECTION CHART	2022
1	LOOP DETECTOR SAWCUT TYPICAL, HOT-MIX SURFACE TYPICAL SECTION AND SPLICE KIT	2024	2	ONE POST AND THREE POST SELECTION CHARTS	2022
2	TYPICAL INTERSECTION LAYOUT	2020	T-21	SIGN INSTALLATION DATE DECAL	2022
3	PEDESTRIAN CROSSING TYPICAL LAYOUT	2020	T-22	EXTRUDED ALUMINUM VERTICAL SUPPORT ATTACHMENT	2022
4	WIRING COLOR CODES	2024	T-23	BREAKAWAY STEEL SIGN SUPPORT FOUNDATION	-
T-10	RESERVED	-	1	TYPE A AND B SIGN POST FOUNDATIONS	2022
T-11	MESSENGER WIRE ATTACHMENT	-	2	BREAKAWAY STEEL SIGN SUPPORT FOUNDATIONS	2024
1	INTERMEDIATE MESSENGER WIRE ATTACHMENT ON WOOD POLES	2020	T-24	GALVANIZED STEEL BEAM SIGN POSTS, VERTICAL AND LATERAL CLEARANCE	2024
2	ANGULAR INTERMEDIATE MESSENGER WIRE ATTACHMENT	2020	T-25	GALVANIZED STEEL BEAM SIGN POSTS SERVICE PANEL ATTACHMENT	2024
T-12	SPAN WIRES	-	T-26	EXTRUDED ALUMINUM SIGN PANELS	-
1	ATTACHMENT BETWEEN POLES	2020	1	ALUMINUM PANEL AND BORDER DETAILS	2024
2	DEAD END MESSENGER WIRE ATTACHMENT	2020	2	HARDWARE	2024
3	SPAN WIRE ASSEMBLY	2024			

