THE INFORMATION INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE CITY OF MERIDEN AND IS NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

WHEREVER THE PAY UNITS IN THE LEFT COLUMN APPEAR ON THE DETAILED ESTIMATE SHEET, THEY SHALL BE CONSTRUED TO MEAN THE EQUIVALENT PAY UNITS IN THE RIGHT COLUMN ON THE PROPOSAL FORM.

c.y.	C.Y.
l.f.	L.F.
ton	TON
s.y.	S.Y.
lb.	LB.
s.f.	S.F.
gal.	GAL.
c.f.	C.F.
c.i.	C.I.

FOR THE CONSTRUCTION OF REPLACEMENT OF THE CENTER STREET BRIDGE NO. 04185, CENTER STREET BRIDGE OVER HARBOR BROOK IN THE CITY OF MERIDEN, CONNECTICUT

ROADWAY ITEMS

ITEM NUMBER	0020763 A	0101000 A	0101117 A	0101128 A	0101130 A	0201001	0201199 A	0202000	0202100	0202200	0202315 A	0202318 A	0202529	0204210 A	0205005 A	0205006 A	0209001	0212000	0219001	0286001.10	0406170	0406171	0406194 A	0406236	0586006.10	0686000.12	0686000.18	0686000.30	0686100.15	0813021	0813451	0815001	0822100.01	0913000	0913011	0921001	0922500	0924002	0944000	0950005	0969062 A	0971001 A	0975004	0976002
ITEM DESCRIPTION	DISPOSAL OF SEDIMENTS	ENVIRONMENTAL HEALTH AND SAFETY	CONTROLLED MATERIAL HANDLING	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	ENVIRONMENTAL WORK –SOLIDIFICATION	CLEARING AND GRUBBING	REMOVE AND RESET FENCE	EARTH EXCAVATION	ROCK EXCAVATION	CHANNEL EXCAVATION-EARTH	DISPOSAL OF CONTROLLED MATERIAL	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL	CUT BITUMINOUS CONCRETE PAVEMENT	HANDLING CONTAMINATED GROUNDWATER	TRENCH EXCAVATION 0'-15' DEEP	ROCK IN TRENCH EXCAVATION 0'-15' DEEP	FORMATION OF SUBGRADE	SUBBASE	SEDIMENTATION CONTROL SYSTEM	ROCK IN DRAINAGE TRENCH EXCAVATION 0'-10' DEEP	HMA S1	HMA S0.5	JOINT AND CRACK SEALING OF BITUMINOUS CONCRETE PAVEMENT	MATERIAL FOR TACK COAT	TYPE "C" CATCH BASIN DOUBLE GRATE TYPE 2 (4' SUMP) - 0'-10' DEEP	12" R.C. PIPE (0'-10') DEEP	18" R.C. PIPE (0'-10') DEEP	30" R.C. PIPE (0'-10') DEEP	15" C.C.M PIPE (0'-10') DEEP	6" GRANITE STONE CURBING	GRANITE STONE TRANSITION CURBING	BITUMINOUS CONCRETE LIP CURBING	TEMPORARY TRAFFIC BARRIER	REMOVE CHAIN LINK FENCE	5' CHAIN LINK FENCE	CONCRETE SIDEWALK	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	CONCRETE DRIVEWAY RAMP	FURNISHING AND PLACING TOPSOIL	TURF ESTABLISHMENT	CONSTRUCTION FIELD OFFICE (MEDIUM)	MAINTENANCE AND PROTECTION OF TRAFFIC	MOBILIZATION AND PROJECT CLOSEOUT	BARRICADE WARNING LIGHT HIGH INTENSITY
UNIT	TON	L.S.	C.Y.	L.S.	TON	L.S.	L.F.	C.Y.	C.Y.	C.Y.	TON	C.Y.	L.F.	L.S.	C.Y.	C.Y.	S.Y.	C.Y.	L.F.	C.Y.	TON	TON	L.F.	GAL.	EA.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	S.F.	S.Y.	C.Y.	S.Y.	S.Y.	MO.	L.S.	L.S.	DAY
TOTAL	100	L.S.	9190	L.S.	780	L.S.	385	3425	165	45	18610	400	75	L.S.	1640	80	1100	305	240	10	335	280	75	200	2	30	35	25	15	280	90	375	140	210	130	2855	720	30	590	590	18	L.S.	L.S.	2160
TOTAL	100	L.S.	9190	L.S.	780	L.S.	385	3425	165	45	18610	400	75	L.S.	1640	80	1100	305	240	10	335	280	75	200	2	30	35	25	15	280	90	375	140	210	130	2855	720	30	590	590	18	L.S.	L.S.	2160

ROADWAY ITEMS

ITEM NUMBER	0977001	0978002	0979003	0980020	1206023 A	1208931	1209005	1210102	1220027	1301082 A	1302004 A	1303198 A	1303201 A	1401246 A	1401260 A	1401261 A	1401675 A	1403115 A	1403116 A
ITEM DESCRIPTION	TRAFFIC CONE	TRAFFIC DRUM	CONSTRUCTION BARRICADE TYPE III	CONSTRUCTION SURVEYING	REMOVAL AND RELOCATION OF EXISTING SIGNS	SIGN FACE SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	PAINTED PAVEMENT MARKING - 4" WHITE	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	CONSTRUCTION SIGNS	8" DUTILE IRON PIPE (WATER MAIN)	8" GATE VALVE	HYDRANT WATER MAIN	RELOCATE HYDRANT (COMPLETE)	16" DUCTILE IRON PIPE (SANITARY SEWER)	27" DUCTILE IRON PIPE (SANITARY SEWER)	30" DUCTILE IRON PIPE (SANITARY SEWER)	SANITARY MANHOLE (6' DIA) 10' TO 20' DEEP	INVERTED SIPHON INLET CHAMBERS (SANITARY SEWER)	INVERTED SIPHON OUTLET CHAMBERS (SANITARY SEWER)
UNIT	EA.	EA.	EA.	L.S.	L.S.	S.F.	L.F.	L.F.	S.F.	L.F.	EA.	EA.	EA.	L.F.	L.F.	L.F.	EA.	EA.	EA.
TOTAL	12	12	14	L.S.	L.S.	35	235	630	445	280	3	1	1	200	10	180	5	1	1
TOTAL	12	12	14	L.S.	L.S.	35	235	630	445	280	3	1	1	200	10	180	5	1	1

STRUCTURE ITEMS

ITEM NUMBER	0202216 A	0203202	0203204	0204151 A	0216000	0406171	0406173	0406236	0503001	0601062	0601064	0601088 A	0601121	0601122	0601502	0601541 A	0601542 A	0602030	0602936 A	0602889	0606906 A	0610002	0707001 A	0708001	0714999 A	0716000 A	0717000	0728008 A	0755014	0817006 A	0819002 A	0904051 A	0974001	1504010 A
ITEM DESCRIPTION	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	STRUCTURE EXCAVATION - EARTH (EXCLUDING COFFERDAM AND DEWATERING)	STRUCTURE EXCAVATION - ROCK (EXCLUDING COFFERDAM AND DEWATERING)	HANDLING WATER	PERVIOUS STRUCTURE BACKFILL	HMA S0.5	HMA S0.25	MATERIAL FOR TACK COAT	REMOVAL OF SUPERSTRUCTURE	FOOTING CONCRETE	ABUTMENT AND WALL CONCRETE	CONCRETE FORM LINERS	PARAPET CONCRETE	BRIDGE SIDEWALK CONCRETE	1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	24' X 11' PRECAST CONCRETE BOX CULVERT	12' X 10' PRECAST CONCRETE BOX CULVERT	DEFORMED STEEL BARS-GALVANIZED	DRILLING AND GROUTING REINFORCING BARS	DOWEL BAR SPLICER SYSTEM GALVANIZED	REBUILD MASONRY WALL	DRILLING HOLES AND BONDING DOWELS	MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)	DAMPPROOFING	MONITORING STRUCTURES	TEMPORARY EARTH RETAINING SYSTEM	TEMPORARY EARTH RETAINING SYSTEM LEFT IN PLACE	3/8" CRUSHED STONE	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	6" X 10" GRANITE STONE CURBING FOR BRIDGES	PENETRATING SEALER PROTECTIVE COMPOUND	3 TUBE CURB MOUNTED BRIDGE RAIL	REMOVAL OF EXISTING MASONRY	TEMPORARY SUPPORT OF UTILITIES
UNIT	C.Y.	C.Y.	C.Y.	L.S.	C.Y.	TON	TON	GAL	L.S.	C.Y.	C.Y.	S.F.	L.F.	C.Y.	S.F.	L.F.	L.F.	LBS.	L.F.	EA.	C.Y.	EA.	S.Y.	S.Y.	L.S.	S.F.	S.F.	C.Y.	S.Y.	L.F.	S.Y.	L.F.	C.Y.	L.S.
TOTAL	150	4130	200	L.S.	4070	45	15	30	L.S.	325	255	555	35	60	415	52.5	52.5	90000	160	45	10	60	175	360	L.S.	15840	7620	275	945	100	150	100	470	L.S.
TOTAL	150	4130	200	L.S.	4070	45	15	30	L.S.	325	255	555	35	60	415	52.5	52.5	90000	160	45	10	60	175	360	L.S.	15840	7620	275	945	100	150	100	470	L.S.

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NO.	DATE	DESCRIPTION
1	1/19/2024	ADD / REMOVE ITEM

REVISIONS

SUPV.	J.A.C.
DESIGN	K.O.E., M.R.G.
DRAWN	M.R.G.
CHECKED	K.O.E.
DATE	03/17/2022

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PREPARED FOR

CITY OF MERIDEN
142 EAST MAIN STREET
MERIDEN, CONNECTICUT 06450

REPLACEMENT OF CENTER STREET BRIDGE OVER HARBOR BROOK DETAILED ESTIMATE SHEET

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	
D	CENTER STREET	D.C.D.	00056.55		OF	40