

Estimated Quantities -- Letting March 04, 2016

Quantities shown are for information only and should not be used for bidding purposes. The official bid files should be obtained from www.bidx.com

Contract ID CNQ031 - OBION

Item No.	Description	Quantity	Units
109-10.01	TRAINEE	5,720.000	HOUR
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-03.01	REMOVAL OF ASPHALT PAVEMENT	1,650.000	S.Y.
202-06.01	REMOVAL OF BUILDINGS (TRACT NO.) (TRACT NO. 5)	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	22,510.000	C.Y.
203-03	BORROW EXCAVATION (UNCLASSIFIED)	2,570,000.000	C.Y.
203-06	WATER	7,000.000	M.G.
203-07.02	TOPSOIL	40,000.000	C.Y.
203-08	CHANNEL EXCAVATION (UNCLASSIFIED)	48,800.000	C.Y.
204-06.01	FLOWABLE FILL (GENERAL)	135.000	C.Y.
204-08	FOUNDATION FILL MATERIAL	450.000	C.Y.
209-02.07	18" TEMPORARY SLOPE DRAIN	2,350.000	L.F.
209-05	SEDIMENT REMOVAL	3,175.000	C.Y.
209-06.05	BALED HAY OR STRAW	10,000.000	BALE
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	30,000.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	37,950.000	L.F.
209-08.05	ENHANCED SILT FENCE CHECK (V-DITCH)	75.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	53.000	EACH
209-09.01	SANDBAGS	500.000	BAG
209-09.04	SEDIMENT FILTER BAG(15' X 10')	4.000	EACH
209-10.01	TEMPORARY DEWATERING STRUCTURE	1,490.000	C.Y.
209-10.20	TEMPORARY SEDIMENT TRAP	402.000	C.Y.
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	5,000.000	S.Y.

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209-40.41	CATCH BASIN FILTER ASSEMBLY(TYPE 1)	19.000	EACH
209-40.42	CATCH BASIN FILTER ASSEMBLY(TYPE 2)	2.000	EACH
209-40.46	CATCH BASIN FILTER ASSEMBLY(TYPE 6)	23.000	EACH
209-40.47	CATCH BASIN FILTER ASSEMBLY(TYPE 7)	6.000	EACH
209-65.03	TEMPORARY DIVERSION CHANNEL	2,750.000	L.F.
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	101,839.000	TON
303-01.01	GRANULAR BACKFILL (ROADWAY)	12,300.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	3,215.000	TON
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	5,397.496	TON
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	3,708.759	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	2,405.898	TON
307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	28.330	TON
307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	843.372	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	4,273.545	TON
313-03	TREATED PERMEABLE BASE	55,689.424	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	15.849	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	62.763	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	1.018	TON
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	1,302.852	TON
411-01.10	ACS MIX(PG64-22) GRADING D	2,373.599	TON
411-02.10	ACS MIX(PG70-22) GRADING D	2,538.452	TON
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	55,689.424	S.Y.
604-04.03	BRIDGE END DRAINS(2'X8')	21.000	EACH
604-04.04	BRIDGE END DRAINS(4'X8')	3.000	EACH
607-03.03	18" CONCRETE PIPE CULVERT (CLASS IV)	2,824.000	L.F.
607-05.30	24" PIPE CULVERT	1,229.000	L.F.
607-06.30	30" PIPE CULVERT	1,465.000	L.F.

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607-07.30	36" PIPE CULVERT	145.000	L.F.
607-09.30	48" PIPE CULVERT	291.000	L.F.
607-10.30	54" PIPE CULVERT	143.000	L.F.
607-11.30	60" PIPE CULVERT	96.100	L.F.
607-16.02	30"X 19" HORIZONTAL OVAL CONCRETE PIPE CULVERT	572.000	L.F.
607-16.04	38"X 24" HORIZONTAL OVAL CONCRETE PIPE CULVERT	48.000	L.F.
607-16.11	76"X 48" HORIZONTAL OVAL CONCRETE PIPE CULVERT	191.000	L.F.
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	84.000	L.F.
607-39.03	24" PIPE CULVERT (SIDE DRAIN)	180.000	L.F.
607-39.04	30" PIPE CULVERT (SIDE DRAIN)	114.000	L.F.
607-39.05	36" PIPE CULVERT (SIDE DRAIN)	64.000	L.F.
607-50.04	PRECAST CONCRETE BOX CULVERT (10' X 4')	495.000	L.F.
607-50.05	PRECAST CONCRETE BOX CULVERT (8' X 4')	250.000	L.F.
607-50.12	PRECAST CONCRETE BOX CULVERT (SIZE) (14' X 10')	176.000	L.F.
607-50.13	PRECAST CONCRETE BOX CULVERT (SIZE) (12' X 5')	118.000	L.F.
607-50.14	PRECAST CONCRETE BOX CULVERT (SIZE) (6' X 3')	345.000	L.F.
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	231.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	18,091.000	LB.
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	16.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	9.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	2.000	EACH
611-14.02	CATCH BASINS, TYPE 14, > 4' - 8' DEPTH	1.000	EACH
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	3.000	EACH
611-39.01	CATCH BASINS, TYPE 39, 0' - 4' DEPTH	1.000	EACH
611-39.04	CATCH BASINS, TYPE 39, > 12' - 16' DEPTH	1.000	EACH
611-39.05	CATCH BASINS, TYPE 39, > 16' - 20' DEPTH	1.000	EACH
611-40.01	CATCH BASINS, TYPE 40, 0' - 4' DEPTH	1.000	EACH

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611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	1.000	EACH
620-10.09	CONCRETE PARAPET BRIDGE DRAIN	19.000	EACH
621-03.03	24" TEMPORARY DRAINAGE PIPE	16.000	L.F.
621-03.04	30" TEMPORARY DRAINAGE PIPE	48.000	L.F.
621-03.05	36" TEMPORARY DRAINAGE PIPE	16.000	L.F.
621-03.06	42" TEMPORARY DRAINAGE PIPE	16.000	L.F.
621-03.08	54" TEMPORARY DRAINAGE PIPE	16.000	L.F.
621-03.11	72" TEMPORARY DRAINAGE PIPE	288.000	L.F.
701-01.02	CONCRETE SIDEWALK (6 ")	14,805.000	S.F.
701-03	CONCRETE MEDIAN PAVEMENT	175.000	C.Y.
702-01.02	CONCRETE CURB	850.000	L.F.
705-01.01	GUARDRAIL AT BRIDGE ENDS	1,022.200	L.F.
705-02.02	SINGLE GUARDRAIL (TYPE 2)	21,787.500	L.F.
705-03.03	MEDIAN DIVIDER GUARDRAIL (TYPE 2) (27" MT HT)	225.000	L.F.
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	26.000	EACH
705-04.04	GUARDRAIL TERMINAL (TYPE 21)	4.000	EACH
705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	4.000	EACH
705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	44.000	EACH
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	2.000	EACH
707-02.01	CHAIN-LINK FENCE (4') (VINYL COATED)	34,230.000	L.F.
707-02.02	END & CORNER POST ASSEMBLIES (4' VINYL COATED)	180.000	EACH
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	4,200.000	L.F.
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	156.000	EACH
709-05.05	MACHINED RIP-RAP (CLASS A-3)	8,900.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	6,925.000	TON
709-05.08	MACHINED RIP-RAP (CLASS B)	750.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	74,000.000	L.F.
710-05	LATERAL UNDERDRAIN	7,500.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	26.000	EACH

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710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	295.000	EACH
711-05.70	32IN SINGLE SLOPE CONCRETE BARRIER WALL	1,100.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-01.05	FLAGMAN	500.000	HOURL
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	4,021.000	L.F.
712-02.36	REMOVE AND RELOCATE PORTABLE BARRIER RAIL	3,135.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	360.000	EACH
712-04.50	PORTABLE BARRIER RAIL DELINEATOR	358.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	16.000	EACH
712-06	SIGNS (CONSTRUCTION)	894.000	S.F.
712-06.01	VERTICAL PANELS	60.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	630.000	L.F.
712-08.03	ARROW BOARD (TYPE C)	2.000	EACH
713-02.34	DELINEATORS (ALL)	180.000	EACH
716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	1,015.444	S.Y.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	1,340.000	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	7.000	EACH
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	2,223.000	L.F.
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	6.000	EACH
716-04.02	PLASTIC PAVEMENT MARKING(DOUBLE TURNING ARROW)	4.000	EACH
716-04.06	PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	4.000	EACH
716-05.49	PAINTED PAVEMENT MARKINGS(8" LINE)	5.000	L.M.
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	13.761	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	6.158	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	8,084.000	L.F.

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716-12.04	ENHANCED FLATLINE THERMO PVMR MRKNG (4IN DOTTED LINE)	758.340	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMR MRKNG (6IN DOTTED LINE)	246.857	L.F.
717-01	MOBILIZATION	(1)	LS
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	19,560.000	S.Y.
740-11.04	TEMPORARY SEDIMENT TUBE 20IN (DESCRIPTION) (SEE PLANS)	18,500.000	L.F.
801-01.07	TEMPORARY SEEDING (WITH MULCH)	10,000.000	UNIT
801-01.65	TEMPORARY MULCH	10,000.000	UNIT
801-03	WATER (SEEDING & SODDING)	842.000	M.G.
802-01.07	TREES(LIQUIDAMBER STYRACIFLUA) (1.5 - 2" CAL. B&B)	33.000	EACH
802-01.08	TREES(PLATANUS OCCIDENTALIS) (1.5 - 2" CAL. B&B)	33.000	EACH
802-01.10	TREES (DESCRIPTION) (Populus deltoides 1 1#4"- 1 1#2" Cal, B&B)	33.000	EACH
802-01.11	TREES (DESCRIPTION) (Quercus Falcata 1 1#4"- 1 1#2" Cal, B&B)	33.000	EACH
802-01.12	TREES (DESCRIPTION) (Fraxinus pennsylvanica 1 1#4"- 1 1#2" Cal, B&B)	32.000	EACH
803-01	SODDING (NEW SOD)	65,760.000	S.Y.
806-02.03	PROJECT MOWING	4.000	CYCL
607-50.30	PRECAST CONCRETE BOX BRIDGE (SIZE) (14' X 9')	403.000	L.F.
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXIST. BRIDGE NO. 66-SR3-15.38)	(1)	LS
204-02.01	DRY EXCAVATION (BRIDGES)	4,696.000	C.Y.
303-01.02	GRANULAR BACKFILL (BRIDGES)	1,543.000	TON
602-04.01	STEEL STRUCTURES (LOCATION & DESCRIPTION) (BRIDGE NO. 5)	(1)	LS
602-04.02	STEEL STRUCTURES (LOCATION & DESCRIPTION) (BRIDGE NO. 6)	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	983,196.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	3,079.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	328,014.000	LB.

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604-03.04	PAVEMENT @ BRIDGE ENDS	2,365.000	S.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	3,108.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	14,596.000	S.Y.
604-04.03	BRIDGE END DRAINS(2'X8')	2.000	EACH
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	12,824.000	S.Y.
606-02.03	STEEL PILES (10 INCH)	776.000	L.F.
606-09.01	TEST PILES (PRECAST CONCRETE, SIZE 1)	1,315.000	L.F.
606-09.02	LOADING TEST (PRECAST CONCRETE, SIZE 1)	7.000	EACH
606-09.03	PRECAST CONCRETE PILES (SIZE 1)	28,305.000	L.F.
606-12.01	PILE ANCHORAGE SYSTEM (SEISMIC)	716.000	EACH
606-18.01	TEST PILES (STEEL PIPE PILES, 14-INCH)	540.000	L.F.
606-18.02	LOADING TEST (STEEL PIPE PILES, 14-INCH)	2.000	EACH
606-18.03	STEEL PIPE PILES (14-INCH)	8,400.000	L.F.
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	5,086.000	L.F.
615-02.12	PRESTRESSED CONCRETE BOX BEAM (42" X 48")	1,367.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	5,275.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	2,128.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	636.000	L.F.
908-21.01	BEARINGS (DESCRIPTION) (BENT NO. 1)	12.000	EACH
791-01.02	2IN STEEL GAS MAIN	325.000	L.F.
791-01.04	4IN STEEL GAS MAIN	7,200.000	L.F.
791-01.06	8IN STEEL GAS MAIN	800.000	L.F.
791-03.02	2IN HDPE GAS MAIN	4,350.000	L.F.
791-03.04	4IN HDPE GAS MAIN	925.000	L.F.
791-04.01	HDD <2IN PE PIPE - UNCONSOLIDATED	250.000	L.F.
791-06.02	CONNECT TO 2IN EX. PE MAIN	2.000	EACH
791-06.31	CONNECT TO 2IN EX. STL MAIN W/ STOPPLE	3.000	EACH
791-07.09	2IN STEEL GAS VALVE ASSEMBLY	5.000	EACH
791-07.10	4IN STEEL GAS VALVE ASSEMBLY	16.000	EACH

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Item No.	Description	Quantity	Units
791-08.02	3/4IN SERVICE ASSEMBLY	12.000	EACH
791-08.07	3/4IN PE SERVICE PIPE	1,955.000	L.F.
791-09.02	3-WIRE CATHODIC PROTECTION STATION	7.000	EACH
791-09.03	17LB MAGNESIUM ANODES	12.000	EACH
791-09.05	RESTORE ASPHALT	150.000	S.Y.
791-09.06	RESTORE CONCRETE	100.000	S.Y.
791-09.07	RESTORE GRAVEL	150.000	S.Y.
791-10.01	RETIRE IN PLACE 3/4IN SERV CUT & PLUG	12.000	EACH
791-10.04	RETIRE IN PLACE 2IN SERV CUT & PLUG	5.000	EACH
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	1,305.000	L.F.
795-03.05	6IN PVC WATER LINE	12,493.000	L.F.
795-03.08	12IN PVC WATER LINE	554.000	L.F.
795-05.02	HDD 4IN HDPE CASING PIPE-UNCON	362.000	L.F.
795-05.03	HDD 6IN HDPE CASING PIPE-UNCON	460.000	L.F.
795-05.65	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	370.000	L.F.
795-05.66	BORE/JACK 18IN STEEL CASING PIPE-UNCON.	40.000	L.F.
795-06.04	CONNECT TO 6IN WATER LINE	1.000	EACH
795-06.41	CONNECT TO 2 1/2 IN WATER LINE	2.000	EACH
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	4.000	EACH
795-07.31	INSERTION VALVE (6IN)	4.000	EACH
795-08.03	4IN GATE VALVE ASSEMBLY	1.000	EACH
795-08.04	6IN GATE VALVE ASSEMBLY	11.000	EACH
795-09.02	1IN WATER SERVICE METER ASSEMBLY	13.000	EACH
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	13.000	EACH
795-09.15	1IN HDPE SERVICE PIPE	580.000	L.F.
795-11.02	FIRE HYDRANT ASSEMBLY	6.000	EACH
795-12.01	REMOVE FIRE HYDRANT	3.000	EACH
795-13.01	DI FITTINGS	6,000.000	LB.
795-14.03	CLASS C CONCRETE	40.000	C.Y.
795-15.04	18IN STEEL CASING PIPE OPEN CUT METHOD	810.000	L.F.

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Item No.	Description	Quantity	Units
797-01.01	4IN DIP FORCE MAIN	285.000	L.F.
797-03.04	2IN PVC FORCE MAIN	256.000	L.F.
797-03.06	4IN PVC FORCE MAIN	3,228.000	L.F.
797-05.02	8IN DIP GRAVITY SEWER 6FT-12FT DEPTH	100.000	L.F.
797-05.03	8IN DIP GRAVITY SEWER 12FT-18FT DEPTH	80.000	L.F.
797-05.06	10IN DIP GRAVITY SEWER 6FT-12FT DEPTH	20.000	L.F.
797-05.10	12IN DIP GRAVITY SEWER 6FT-12FT DEPTH	155.000	L.F.
797-05.41	6IN DIP SERVICE LATERAL	275.000	L.F.
797-05.51	8IN PVC GRAVITY SEWER 0FT-6FT DEPTH	105.000	L.F.
797-05.52	8IN PVC GRAVITY SEWER 6FT-12FT DEPTH	1,500.000	L.F.
797-05.53	8IN PVC GRAVITY SEWER 12FT-18FT DEPTH	751.000	L.F.
797-05.55	10IN PVC GRAVITY SEWER 0FT-6FT DEPTH	130.000	L.F.
797-05.56	10IN PVC GRAVITY SEWER 6FT-12FT DEPTH	1,180.000	L.F.
797-05.57	10IN PVC GRAVITY SEWER 12FT-18FT DEPTH	340.000	L.F.
797-05.58	10IN PVC GRAVITY SEWER >18FT DEPTH	97.000	L.F.
797-05.60	12IN PVC GRAVITY SEWER 6FT-12FT DEPTH	359.000	L.F.
797-06.02	HDD 4IN HDPE CARRIER PIPE-UNCON	180.000	L.F.
797-06.04	HDD 8IN HDPE CASING PIPE-UNCON	185.000	L.F.
797-06.62	BORE/JACK 12IN STEEL CASING PIPE-UNCON.	245.000	L.F.
797-06.67	BORE/JACK 24IN STEEL CASING PIPE-UNCON.	150.000	L.F.
797-06.89	OPEN CUT 12IN STEEL CASING PIPE	275.000	L.F.
797-06.90	OPEN CUT 16IN STEEL CASING PIPE	160.000	L.F.
797-07.03	48IN MANHOLE 6FT-8FT DEPTH	3.000	EACH
797-07.04	48IN MANHOLE 8FT-10FT DEPTH	7.000	EACH
797-07.05	48IN MANHOLE 10FT-12FT DEPTH	5.000	EACH
797-07.06	48IN MANHOLE 12FT-14FT DEPTH	8.000	EACH
797-07.07	48IN MANHOLE 14FT-16FT DEPTH	1.000	EACH
797-08.01	DI FITTINGS	6,000.000	LB.
797-08.05	6IN PVC PIPE FOR SERVICE LATERAL	470.000	L.F.
797-10.02	CONNECT 8IN SEWER TO EXIST. MANHOLE	2.000	EACH

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797-10.03	CONNECT 10-18IN SEWER TO EXIST. MANHOLE	1.000	EACH
797-10.06	CONNECT 6IN LATERAL TO SEWER LINE	14.000	EACH
797-10.09	CONNECT EX. 8IN SEWER TO NEW MANHOLE	2.000	EACH
797-10.14	CONNECT TO 2IN FORCE MAIN	1.000	EACH
797-10.16	CONNECT TO 4IN FORCE MAIN	1.000	EACH
797-10.24	REMOVE & REPLACE SEWER PUMP STATION	(1)	LS
797-11.25	RETIRED IN PLACE 48IN MANHOLE	15.000	EACH
797-11.35	REMOVE EXISTING SEWER 8IN-14IN	190.000	L.F.

