

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	114
20100500	TREE REMOVAL, ACRES	ACRE	0.40
20101000	TEMPORARY FENCE	FOOT	603
20101100	TREE TRUNK PROTECTION	EACH	4
20200100	EARTH EXCAVATION	CU YD	2,648
20200200	ROCK EXCAVATION	CU YD	118
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,600
20201450	SUB-BASE GRANULAR MATERIAL, TYPE A	CU YD	2
20700220	POROUS GRANULAR EMBANKMENT	CU YD	112
20700600	NON-POROUS GRANULAR EMBANKMENT	CU YD	485
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	37
25002024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.01
25100630	EROSION CONTROL BLANKET	SQ YD	51
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	142
28100208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	396
28100210	STONE RIPRAP, CLASS A5 (SPECIAL)	TON	402
28100212	STONE RIPRAP, CLASS A6 (SPECIAL)	TON	495
28100214	STONE RIPRAP, CLASS A7 (SPECIAL)	TON	895
28101710	RIPRAP, SPECIAL	CU YD	225
28101840	RIPRAP FOR STILLING BASIN	TON	1,361
50102400	CONCRETE REMOVAL	CU YD	64.3
50200100	STRUCTURE EXCAVATION	CU YD	1,760
50300225	CONCRETE STRUCTURES	CU YD	1,946.1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	227,670
51500100	NAME PLATES	EACH	1
54010503	PRECAST CONCRETE BOX CULVERT 5' X 3'	FOOT	5
56000100	CAST IRON SOIL PIPE 4"	FOOT	8
58700200	BRIDGE SEAT SEALER	SQ FT	23
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	1
66400305	CHAIN LINK FENCE, 6'	FOOT	102
66408000	CHAIN LINK GATES, 6' X 20' DOUBLE	EACH	1
*67100100	MOBILIZATION	L SUM	1
81200120	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	30
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	43
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	1,216
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	365
X7240505	RELOCATE SIGN PANEL AND POST	EACH	5
XX003949	CONSTRUCTION STAKING	L SUM	1
	GROUTED BOULDERS	CU YD	257
	TEMPORARY COFFERDAM SYSTEM	L SUM	1
	SEEDING, MULCHING AND FERTILIZING	ACRE	1.42
	GALVANIZED WELDED STEEL BAR GRATING	SQ FT	820
	STAINLESS STEEL DEBRIS GRATE	EACH	1
	ALUMINUM BAFFLES AND GUIDES	EACH	24
	DUCTILE IRON PIPE PROTECTION SYSTEM	L SUM	1
	DUCTILE IRON GAGE PIPE EXTENSION	L SUM	1
	STONE FACE FINISH	SQ FT	2,905
	ARTICULATED BLOCK REVETMENT MAT	SQ YD	37

GENERAL NOTES

- All elevations are based on N.G.V.D. (National Geodetic Vertical Datum) 1929.
- All coordinates are NAD 1983 with 1986 Adjustment.
- The Contractor shall furnish, erect, and when directed by the Engineer, completely remove two construction signs. The exact location of the signs shall be determined by the Engineer in the field.
- All lateral drainage that exists prior to construction shall be restored as shown on the plans and as directed by the Engineer. Unless otherwise specified all costs of restoration shall be considered incidental to the Contract, and no additional compensation will be allowed.
- Excavated topsoil and organic Material shall be stock piled in a soil spoil area indicated on sheet 6, as directed by the Engineer, where it shall remain for future construction by others. Up to 200 cubic yards may be stock piled, at the direction of the Engineer. Cost of stock piling topsoil and organic material shall not be paid for separately, but shall be included in the contract unit price per cubic yard for the type of excavation specified. Removal and disposal of unsuitable material in excess of 200 cubic yards will be paid for at the contract unit price per cubic yard for "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL".
- All construction operations shall be contained within the easement area or work limits as indicated on the plans.
- Class SI Concrete shall be used throughout unless specifically called out otherwise.
- The Contractor shall submit his proposed method of river diversion and dewatering to the Engineer for approval prior to beginning construction.
- The Contractor is reminded to protect and restore at his expense, in accordance with Article 107.20 of the Standard Specifications, any private or public property, including access roads, which may be damaged or destroyed due to construction operations.
- All utilities affected by the improvement shall be adjusted by others except as noted in the plans. Prior to beginning work in the vicinity of the utilities, the Contractor shall contact the respective owners as shown on sheet 2, and he shall schedule his work so as not to interfere with these adjustments.
- Unless otherwise specified, all utilities shall be protected and not disturbed. All drainage outfalls shall be protected and maintained. All costs of protection shall be considered incidental to the contract, and no additional compensation will be allowed.
- All open excavations are to be surrounded with a 4'-0" construction fence during non-working hours. The fence material shall be approved by the Engineer. The cost shall be included in the contract unit price per cubic yard for the type of excavation specified.
- The existing headwater and tailwater gages shall remain operational at all times during construction. The Engineer will relocate the gages as needed at the Department's expense. The contractor shall allow the Engineer and his personnel onto the site for these purposes. The tailwater gage intake shall be modified for the after-project condition, for which pay items are included in this contract.
- All borrow and/or disposal sites off project right-of-way shall be approved through the IDNR CERP (Comprehensive Environmental Review Process) to avoid potential wetland, cultural resource or endangered species impacts.
- The Contractor shall remove any construction road built to access the north dam abutment. Restoration of the area corresponding to the removed road shall be required by removing all aggregate base course material, and then providing a minimum 4-in layer of topsoil, seeding, mulching and fertilizing of the affected area. Cost of removing the road and restoring the affected area shall not be paid for separately, but shall be included in the contract unit price per acre for "SEEDING, MULCHING AND FERTILIZING".
- All access to the construction site shall be provided by the Contractor within the temporary easement shown on the plans. Cost of providing access to the site for construction equipment, materials and other items shall not be paid for separately, but shall be included in the overall construction price for the project.
- All wetland areas indicated on the plans shall remain undisturbed by any construction activities.
- All dimensions on plans are in feet unless otherwise noted.
- Contractor employee vehicles shall be parked within the temporary construction easement.
- Access to Commonwealth Edison Company Substation and Parks Department Building shall not be obstructed by the Contractor.
- Competent rock or firm bedrock shall exhibit a rock fabric that is solid and that is not removable with hand tools. It shall offer notable resistance when impacted by a Swiss or Schmidt hammer. Highly weathered and/or easily fractured materials or materials exhibiting a soil-like matrix shall not be considered as firm bedrock or competent rock.

* SEE PLANS AND/OR SPECIAL PROVISIONS

Designed By MD Checked By RUM
Drawn By JFS Checked By RUM

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