

SUMMARY OF QUANTITIES

S.P.	CODE NO.	PAY ITEM	UNIT	QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNIT DIAMETER)	UNIT	64
	20101000	TEMPORARY FENCE	FOOT	1,410.0
	20101100	TREE TRUNK PROTECTION	EACH	15
	20200100	EARTH EXCAVATION	CU YD	8,652
	20200200	ROCK EXCAVATION	CU YD	1,968
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,848
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,030
	25100630	EROSION CONTROL BLANKET	SQ YD	6,114
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	268
	28100210	STONE RIPRAP, CLASS A5	TON	4,305
	28200200	FILTER FABRIC	SQ YD	50
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	18,903
	44000600	SIDEWALK REMOVAL	SQ FT	460
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	19
	50102400	CONCRETE REMOVAL	CU YD	283
	50300225	CONCRETE STRUCTURES	CU YD	159
	50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	1,690
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12,680
	50900805	PEDESTRIAN RAILING	FOOT	88
	51500100	NAME PLATES	EACH	1
	54010503	PRECAST CONCRETE BOX CULVERT 5' x 3'	FOOT	5
	550A0410	STORM SEWERS CLASS A, TYPE 2 24"	FOOT	88
	551B0200	STORM SEWER INSTALLATION (PVC) CLASS B 6"	FOOT	45
	60224600	RESTRICTED DEPTH MANHOLE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24
	67100100	MOBILIZATION	LSUM	1
	72000200	SIGN PANEL TYPE 3	SQ FT	352
	73000100	WOOD SIGN SUPPORT	FOOT	327
*	X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	775
*	X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	390
	XX002196	CLEARING	ACRE	0.10
*	XX003949	CONSTRUCTION STAKING	L SUM	1
*		STONE RIPRAP REMOVAL	TON	342
*		RIPRAP FOR STILLING BASIN RELOCATION	TON	1,361
*		GROUTED BOULDERS	CU YD	2,431
*		FEATURE BOULDERS	TON	1,016
*		STONE RIPRAP CLASS A5 (SPECIAL)	TON	10,362
*		TEMPORARY COFFERDAM SYSTEM	L SUM	1
*		SEEDING AND FERTILIZING	ACRE	1.26
*		WET PRAIRIE SEED MIX	ACRE	1.42
*		GALVANIZED WELDED STEEL BAR GRATING	SQ FT	39
*		ROLLER COMPACTED CONCRETE	CU YD	4,081
*		RECORDER GAGE HOUSE REMOVAL	L SUM	1
*		BUOYS	EACH	8
*		WEEP DRAIN	EACH	17
*		BYPASS TESTING AND ADJUSTMENTS	DAY	8
*		STEEL TRASH RACK	EACH	1
*		SLIDE GATE	EACH	1
*		PRECAST STOPLOG BLOCKS	L SUM	1
*		CONCRETE COLLAR	EACH	2
*		FLOATING SIGN	EACH	3
*		FLEXIBLE GROWTH MEDIUM	ACRE	1.42
*		GENERAL FILL	CU YD	618

* ITEM REQUIRES SPECIAL PROVISION

EARTHWORK SUMMARY TABLE
(ALL UNITS IN CUBIC YARDS)

EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT (GENERAL FILL)	EARTHWORK BALANCE WASTE + OR SHORTAGE -
8,651.6	7,353.9	7,972.3	-618.4

GENERAL NOTES

- All elevations are based on N.G.V.D. (National Geodetic Vertical Datum) 1929.
- All dimensions on plans are in feet unless otherwise noted.
- All coordinates are NAD 1983 with 1986 Adjustment.
- The plan and profile drawings reflect detailed topographic contours. These contours reflect intent. Generally, the orientation and relationship of the boulders is a determining factor in satisfactory work to avoid creating hazards, accomplishing hydraulic performance and satisfactory appearance. The various sections and details illustrate the rock placement. At hydraulic controls such as entries to waterways, crests of chutes, sills and constriction, and other designated locations on the drawings or in the field, placement dimensions or variations allowed are illustrated and will be verified or clarified in the field by the Engineer.
- 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. Easily fractured materials or materials exhibiting a soil-like matrix shall not be considered as firm bedrock or competent rock.
- Contractor must submit cofferdam plans and computations sealed by a Structural Engineer in Illinois to both Engineer and INDR/Office of Water Resources, Division of Resource Management for approval prior to implementation.
- The vertical alignment for the sidewalks can be determined using the cross sections. The cross sections provide the south sidewalk Station (SW STA. is along the south edge of the sidewalk) and north sidewalk Station (NI STA. is along the north edge of the sidewalk) and their corresponding elevation.
- 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.
- 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 elsewhere.
- The Contractor shall submit his or her 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 or her 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 A2, and shall schedule 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.
- 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.
- 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 constructed price for the project.

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