STATE OF CONNECTICUT
SITING COUNCIL

Re:	The Connecticut Light and Power Company and The United Illuminating Company Application for a Certificate of Environmental Compatibility and Public Need for the Construction of a New 345-kV Electric Transmission Line and Associated Facilities Between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut Including the Reconstruction of Portions of Existing 115-kV and 345-kV Electric Transmission Lines, the Construction of the Beseck Switching Station in Wallingford, East Devon Substation in Milford, and Singer Substation in Bridgeport, Modifications at Scovill Rock Switching Station and Norwalk Substation and the Reconfiguration of Certain Interconnections	)))))))))))))	Docket 272 June 16, 2004

ERRATA FOR DEPARTMENT OF TRANSPORTATION'S MAY 25, 2004 PREFILED WITNESSES' TESTIMONY

The Connecticut Department of Transportation ("DOT") submits the attached errata pages for correction to the May 25, 2004 prefiled testimony of its witnesses. Concurrent with the filing of this errata sheet, the DOT is filing the prefiled testimony, as corrected by the errata sheet.

CONNECTICUT DEPARTMENT OF TRANSPORTATION

RICHARD BLUMENTHAL

BY: _____

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I hereby certify that a copy of the foregoing was mailed this date to the Service List below.

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Testimony of Mr. Gruhn:

- Global: Change all references from “NU” to “the Applicants.”

- Response to Question 12 on page 7:

Yes. The operation of the traffic signals along the proposed path of the 345kV line *may* be effected. The vehicle detectors and their homeruns, conduit, and any other equipment in the path of the underground line *may* need to be relocated or replaced. The potential problems in the operation of the equipment that controls the intersection timing, the communications to the intersections, and the L.E.D. lamps are all unknown territory. The applicants will have to insure that the design and operation of the system meet all the requirements so as to not effect any user equipment adjacent to the 345kV line path.

Testimony of Mr. Roman:

- Response to question 14 on page 8:

Although the Department does not participate in the cost of the construction of the transmission line, the Department is concerned about the possible costs associated with reimbursing the Utility Companies for relocating their facilities when they are impacted by a Highway relocation project. Because the estimated cost associated with an impact on the proposed transmission line is significantly greater with *the* proposed facilities than facilities currently in use, there *may* be a financial effect on the Department.

- Response to question 16 on page 8:

A cursory review of the construction currently scheduled by the Department in the area of the underground transmission line, identifies *9 state projects with* at least 17 intersections where construction may impact on the proposed underground transmission line (see attached). Estimates provided by our Utility Unit of an average cost of $2 million per conflict with the transmission line and *one conflict* per intersection result in an estimated additional cost to identified projects of *$34* million, with the Department’s share being *$17* million for the proposed route *(if the Department were responsible for 50% of the relocation costs).* As stated in the previous answer, this *would* have a direct effect on the amount of construction the Department will be able to undertake. If for example, the Department decided to absorb the estimated additional costs by reducing the amount of roadway resurfacing it performed, the result would be that up to *194* miles of roadway would go unpaved.

- Response to question 17 on page 9:

The answers presented to the previous questions identify that the construction of the proposed underground transmission line will have a significant financial effect on the Department. The additional costs the Department *may* be required to pay for utility relocation *would* directly effect the amount of construction that can be performed. Whether the Department chooses to absorb the additional costs by reducing resurfacing, or eliminating some of the intersection improvement or bridge rehabilitation projects, there *could* be an impact on it's overall mission to provide a safe and efficient transportation system.

Testimony of Mr. Lane:

- Global: Change all references from NU to the Applicants.

- Response to question 21, first paragraph on page 11:

Flow-able fill: If flow-able fill is to be used *as subgrade*, *the Applicants*, or their representative, shall provide a mix design to the DOT for review that meets the requirements of *the Applicants* and provides similar permeability characteristics as insitu materials.

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- Response to question 24 and the chart on page 12:

The Applicants will restore all roadway pavements to match preexisting layouts of all specific unbound and bound layers. The following diagram *depicts typical conditions that may be encountered in SRs.*

Existing Pavement	**Typical thickness**	**Typical Patching for Trench Backfilling**
Bound Layer-Class 1 (or equivalent) or Concrete	1-1/2 to 3 inches	Restore with HMA to match existing site conditions with equivalent materials as approved by CTDOT
Bound layer- Class 4 (or equivalent) or Concrete	*3* to *10* inches	
Processed Aggregate Base or Subbase	*10*-16 inches of various approved materials	Restore to minimum of 10 inches in two lifts
Subgrade	Site specific	Restore with approved backfill material or flow-able fill to 19 inches from *the bottom of the bound layer*

Testimony of Mr. Rodgers:

- Response to question 29 on page 13:

The encroachment permit allows for the construction of the facility and the restoration of disturbed areas of the state highway right of way. The encroachment agreement defines in more specific detail the terms of existence of the encroachment.

- Response to question 30 on page 13:

The DOT will conduct a review of the plans and require revisions if the planned materials or methods of construction are not in conformance with those established by the DOT as

acceptable or are in conflict with the goals of the DOT as stated in *response to question 27 above*. The applicant must revise the plans to address the DOT's concerns and resubmit them to the District Maintenance Director. The DOT will work closely with the applicant during the review process to ensure that the plans are approved as expeditiously as possible. Once the plans are approved, an encroachment permit can be issued.

- Response to question 34 on page 15:

No. Additionally, any pre-conditions of work, as stated by the DOT in its approval letter, permit, or pre-construction meeting, must be satisfied *before the permit becomes effective*.

Testimony of Mr. Carey

- Response to question 42, on page 19, explanation of Table 2 inserted as new paragraph in paragraph 2:

Table 2 lists the sections of Routes 1, 130 and 809 in Norwalk (102), Westport (158), Fairfield (50), Stratford (138), and Bridgeport (15) that would be impacted by the proposed transmission line. The mileage listed in the Table reflects sections of road that have the same characteristics. You may notice that is some cases, there are abutting sections with the same 2002 ADT. This happens when roadway characteristics change but based on data collection, the traffic volumes remain relatively unchanged. The values found in the columns headed 2002 ADT and 2002 Pk Hr (Peak Hour) are a reflection of data collected by the Department. Capacity is the maximum amount of bi-directional traffic that can traverse that section of road in an hour. These values were calculated by the Department's Bureau of Planning and Research (Planning). The values found in the 2002 v/c are obtained by dividing the 2002 Pk Hr by the Capacity. As the v/c ratio approaches 1.00, the less excess capacity is available to accommodate delays or closures. Once 1.00 is exceeded, the roadway is saturated resulting in severe congestion. The corresponding numbers from 2002 are projected out by the Department's Bureau of Planning and Research to arrive at values for the year 2025 ADT and 2025 Pk Hr. The 2025 v/c is calculated dividing the 2025 Pk Hr by the capacity.

Testimony of Mr.Dorosh

- Response to question 55 on page 26:

Answer: Five (5) projects along Route 1 between Orange and Norwalk indicate that 83% of the soils are *controlled materials, meaning they are contaminated by a detectable level of a pollutant*. Please see the Controlled Soils Summary – U.S. Route 1 Attachment. (Subsurface investigation reports are available if you need them).

- Question 56 on page 26 and response:

56. Utilizing existing DOT Contracts, what is the range of costs to treat or dispose of contaminated soils? *Please use* the amounts contained in existing contracts *as documentation to* support the numbers.

Answer: The following summarizes the range of costs to transport, treat and dispose of contaminated soils: Item No. 202315A Disposal of Controlled Materials.

Standard Projects (U.S. Unit of Measure)	**Unit**	**Unit Price $**	**# Projects**
Major Const. Projects (Over 1 Million)			
Bridge Construction & Rehabilitation	ton	$*66.51*	5
Road Construction	ton	$51.59	3
Transportation Facilities	ton	$54.54	10
Railroad Facilities	ton	$54.84	5
Minor Const. Projects (Under 1 Million)			
Intersection Improvements	ton	$48.00	1

The range of unit prices for disposal of controlled materials was obtained from a manual titled Connecticut Department of Transportation, Weighted Unit Prices, January 1, 2001 to December 31, 2003. This manual was prepared to provide weighted unit prices of highway construction items for the purpose of comparison and evaluation of cost trends, and the preparation of preliminary cost estimates. The weighted unit prices have been developed from bids on contracts awarded during the period of January 1, 2001 to December 31, 2003. This report can be accessed through the ConnDOT web site *and copies of the relevant pages are attached*.

- New question and response 56A:

56A. The Applicants estimated that they would excavate twenty cubic feet of material for every linear foot along the twenty-four miles of Segments 3 and 4 that the transmission line will be underground and that twenty percent of the excavated material would be contaminated. How many cubic yards of the total excavated material and contaminated material does that represent?

If the applicants excavate twenty cubic feet of material for every linear foot along the proposed twenty-four mile route, there would be approximately 2,534,400 cubic feet of excavated material (20 cubic feet/feet x 24 miles x 5,280 feet/mile = 2,534,400 cubic feet) which equals 93,867 cubic yards of material (2,534,400 cubic feet x 1 yard/27 cubic feet = 93,867 cubic yards).

If twenty percent of the 93,867 cubic yards of excavated materials are contaminated, that would equal 18,773 cubic yards of contaminated material (93,867 cubic yards x .20 = 18,773 cubic yards).

- Response to question 57:

Answer: *The range of costs to dispose of 18,773 cubic yards of controlled material, which is the equivalent of approximately 30,037 tons (18,773 cubic yards. x 1.6 tons/cubic yard = 30,037 tons) is represented in the following table:*

Standard Projects (U.S. Unit of Measure)	**Tons**	**Unit Price**	**Cost**
Major Construction Projects (Over 1 Million)			
Bridge Construction & Rehabilitation	30,037	$*66.51*	$*1,997,761*
Road Construction	30,037	$51.59	$1,549,609
Transportation Facilities	30,037	$54.54	$1,638,218
Railroad Facilities	30,037	$54.84	$1,647,229
Minor Construction Projects (Under 1 Million)			
Intersection Improvements	30,037	$48.00	$1,441,776

NOTE: To calculate tons, multiply cubic yards X 1.6 tons/cubic yard.

- Question 58 and response:

58. In your professional opinion and based upon your experience with DOT projects as represented in your response to number *55*, what percentage of the 93,866.67 cu. yds. to be excavated by the applicants would you expect to be contaminated?

Since the applicants plan to excavate 93,866.67 cubic yards of material, of which I would estimate 83 % to be controlled material requiring offsite disposal, I would expect approximately 77,909.35 cubic yards of controlled material to be excavated by the applicants as part of this project. (93,866.67 c.y. X 83% contaminated = 77,909.35 c.y.)

- Question 59 and response:

59. Utilizing the range of costs in your answer to question *number 56*, what are your cost estimates to dispose of the contaminated soil you would expect to be contaminated as contained in your response to *question* number *58*?

Answer: *The range of costs to dispose of 77,909.35 cubic yards of controlled material, which is the equivalent of approximately 124,654 tons (77,909 cubic yards x 1.6 tons/cubic yard = 124,654 tons) is represented in the following table:*

Standard Projects (U.S. Unit of Measure)	**Tons**	**Unit Price**	**Cost**
Major Construction Projects (Over 1 Million)			
Bridge Construction & Rehabilitation	124,654	$*66.51*	*$8,290,737*
Road Construction	124,654	$51.59	$6,430,900
Transportation Facilities	124,654	$54.54	$6,798,629
Railroad Facilities	124,654	$54.84	$6,836,025
Minor Construction Projects (Under 1 Million)			
Intersection Improvements	124,654	$48.00	$5,983,392

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TABLE 3

CONTROLLED MATERIALS SUMMARY – U.S. ROUTE 1 ORANGE, MILFORD, STRATFORD, NORWALK				
Project #	Clean Length	Polluted Length	Contaminated Length	% Length Clean
102-278 Left	62m	58m	276m	16
102-278 Right	60m	272m	186m	12
106-108 Left	281m	145m	1049m	19
106-108 Right	372m	426m	1176m	19
106-109 Left	220m	0	864m	20
106-109 Right	0	0	1087m	0
83-230 Left	360m	172m	330m	42
83-230 Right	98m	273m	657m	10
83-244	0	0	236m	0
TOTAL	1453m	1346m	5861m	17

CONNECTICUT
DEPARTMENT
OF
TRANSPORTATION

WEIGHTED UNIT PRICES
JANUARY 1, 2001
TO DECEMBER 31, 2003

MAJOR CONSTRUCTION PROJECTS
Bridge Construction and Rehabilitation (Over $1,000,000.00)

ITEM#	ITEM DESCRIPTION	UNIT	UNIT PRICE	#PROJS
0000426	ELECTRIC HANDHOLE	ea.	$ 2,500.00	1
0000427	ELECTRIC MANHOLE	ea.	$ 4,000.00	1
0090083	EXISTING CATENARY SYSTEMS SURVEY	l.s.	$ 24,000.00	1
0101000	ENVIRONMENTAL HEALTH AND SAFETY	l.s.	$ 33,000.00	5
0101002	CONFINED SPACE HEALTH AND SAFETY	l.s.	$ 40,000.00	1
0101117	CONTROLLED MATERIALS HANDLING	c.y.	$ 31.28	5
0101128	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	l.s.	$ 23,333.33	3
0101130	ENVIRONMENTAL WORK - SOLIDIFICATION	ton	$ 100.00	1
0101140	DISPOSAL OF CONTAMINATED TIMBER PILES	t	$ 1,500.00	1
0201001	CLEARING AND GRUBBING	l.s.	$ 24,333.33	9
0201199	REMOVE AND RESET FENCE	l.f.	$ 50.00	1
0201214	RESET SIGN	ea.	$ 2,000.00	1
0202001	EARTH EXCAVATION	c.y.	$ 24.71	3
0202002	EARTH EXCAVATION	c.y.	$ 14.43	4
0202101	ROCK EXCAVATION	c.y.	$ 50.00	1
0202102	ROCK EXCAVATION	c.y.	$ 100.00	2
0202203	CHANNEL EXCAVATION-EARTH	c.y.	$ 14.10	2
0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	$ 66.51	5
0202318	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL	c.y.	$ 10.00	1
0202351	UNSUITABLE MATERIAL EXCAVATION	c.y.	$ 50.00	1
0202401	UNCLASSIFIED EXCAVATION	c.y.	$ 54.00	1
0202501	CUT CONCRETE PAVEMENT	l.f.	$ 6.78	3
0202502	REMOVAL OF CONCRETE PAVEMENT	s.y.	$ 5.77	3
0202522	REMOVAL OF BITUMINOUS TYPE PAVEMENT	s.y.	$ 2.45	3
0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.f.	$ 4.51	9
0202553	SET MONUMENT	ea.	$ 500.00	1
0202574	RESET MONUMENT	ea.	$ 2,000.00	1
0203001	STRUCTURE EXCAVATION EARTH (COMPLETE)	c.y.	$ 61.84	2
0203002	STRUCTURE EXCAVATION-EARTH (COMPLETE)	c.y.	$ 25.57	2
0203003	STRUCTURE EXCAVATION-EARTH (COMPLETE)	c.y.	$ 25.00	1
0203004	STRUCTURE EXCAVATION-EARTH (COMPLETE)	c.y.	$ 15.00	1
0203101	STRUCTURE EXCAVATION-ROCK (COMPLETE)	c.y.	$ 60.91	2
0203202	STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	c.y.	$ 17.56	2
0204001	COFFERDAM AND DEWATERING	l.f.	$ 254.89	3
0204210	HANDLING CONTAMINATED GROUNDWATER	est.	$ 10,000.00	1

MAJOR CONSTRUCTION PROJECTS
Road Reconstruction

ITEM#	ITEM DESCRIPTION	UNIT	UNIT PRICE	#PROJS
0202251	CHANNEL EXCAVATION-ROCK	c.y.	$ 70.00	1
0202252	CHANNEL EXCAVATION-ROCK	c.y.	$ 50.00	1
0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	$ 51.59	3
0202318	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL	c.y.	$ 9.84	3
0202351	UNSUITABLE MATERIAL EXCAVATION	c.y.	$ 10.00	1
0202401	UNCLASSIFIED EXCAVATION	c.y.	$ 10.00	1
0202452	TEST PIT	ea.	$ 1,575.00	1
0202491	REMOVAL OF GRANITE STONE CURBING	l.f.	$ 5.65	3
0202501	CUT CONCRETE PAVEMENT	l.f.	$ 4.20	5
0202502	REMOVAL OF CONCRETE PAVEMENT	s.y.	$ 5.43	5
0202503	REMOVAL OF CONCRETE CURBING	l.f.	$ 6.00	1
0202524	REMOVAL OF BITUMINOUS WEARING SURFACE	s.y.	$ 7.04	3
0202528	REMOVAL OF RAILROAD TRACKS	l.f.	$ 20.00	1
0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.f.	$ 0.63	9
0202530	REMOVAL OF BITUMINOUS SIDEWALK	s.y.	$ 4.80	1
0202636	VIBRATING WIRE PIEZOMETER	ea.	$ 3,750.00	1
0202654	ADJUST MONITORING WELL	ea.	$ 500.00	1
0202655	ADJUST AIR INJECTION WELL	ea.	$ 500.00	1
0203003	STRUCTURE EXCAVATION-EARTH (COMPLETE)	c.y.	$ 12.22	3
0203004	STRUCTURE EXCAVATION-EARTH (COMPLETE)	c.y.	$ 9.60	1
0203101	STRUCTURE EXCAVATION-ROCK (COMPLETE)	c.y.	$ 100.00	1
0203102	STRUCTURE EXCAVATION-ROCK (COMPLETE)	c.y.	$ 19.00	1
0203202	STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	c.y.	$ 20.00	1
0204001	COFFERDAM AND DEWATERING	l.f.	$ 90.00	1
0204151	HANDLING WATER	l.s.	$ 19,000.00	1
0204210	HANDLING CONTAMINATED GROUNDWATER	est.	$ 205,000.00	2
0204401	HANDLING WATER (SITE NO.1)	l.s.	$ 3,000.00	1
0204402	HANDLING WATER (SITE NO.2)	l.s.	$ 6,000.00	1
0204403	HANDLING WATER (SITE NO.3)	l.s.	$ 8,000.00	1
0204404	HANDLING WATER (SITE NO.4)	l.s.	$ 8,000.00	1
0205001	TRENCH EXCAVATION 0'-4' DEEP	c.y.	$ 7.29	4
0205002	ROCK IN TRENCH EXCAVATION 0'-4' DEEP	c.y.	$ 64.23	4
0205003	TRENCH EXCAVATION 0'-10' DEEP	c.y.	$ 11.69	6
0205004	ROCK IN TRENCH EXCAVATION 0'-10' DEEP	c.y.	$ 74.00	5
0205005	TRENCH EXCAVATION 0'-15' DEEP	c.y.	$ 17.65	4

MAJOR CONSTRUCTION PROJECTS
Transportation Facilities

ITEM#	ITEM DESCRIPTION	UNIT	UNIT PRICE	#PROJS
0000195	TEMPORARY MAINTENANCE WORK AREA	l.s.	$ 92,000.00	1
0020801	ASBESTOS ABATEMENT	l.s.	$ 18,308.75	4
0020901	LEAD ABATEMENT	l.s.	$ 25,121.25	4
0063499	REVENUE AND ACCESS CONTROL SYSTEM	estpls	$ 300,000.00	1
0071040	WAREHOUSE AND ADJACENT SITE IMPROVEMENTS	l.s.	$ 4,038,825.00	1
0090025	DEMOLITION	l.s.	$ 26,416.70	5
0094180	RECONSTRUCT PIER	l.s.	$ 6,865,000.00	1
0100070	INSTALLATION OF NEW FUEL FACILITY	l.s.	$ 150,000.00	1
0100083	UNDERGROUND STORAGE TANK	ea.	$ 35,000.00	1
0100150	MAINTENANCE FACILITY	l.s.	$ 2,328,666.67	3
0100244	SIGNS	ea.	$ 350.00	1
0100247	DECORATIVE SIGNING	l.s.	$ 13,000.00	1
0100500	CONSTRUCTION COMMUNICATION EQUIPMENT (ESTIMATED COST)	est.	$ 2,000.00	1
0101000	ENVIRONMENTAL HEALTH AND SAFETY	l.s.	$ 16,778.50	11
0101104	OPERATION OF A WASTE STOCKPILE AND TREATMENT AREA	mo.	$ 3,596.40	2
0101115	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	l.s.	$ 5,708.75	2
0101117	CONTROLLED MATERIALS HANDLING	c.y.	$ 11.57	10
0101118	CONTAMINATED GROUNDWATER TREATMENT - LEVEL 1	m.gal	$ 3,000.00	1
0101128	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	l.s.	$ 18,571.73	6
0101130	ENVIRONMENTAL WORK - SOLIDIFICATION	ton	$ 8.04	3
0101134	CONTROLLED MATERIALS EXCAVATION	c.y.	$ 55.00	1
0101140	DISPOSAL OF CONTAMINATED TIMBER PILES	t	$ 360.00	1
0101143	HANDLING AND DISPOSAL OF REGULATED ITEMS	est.	$ 2,875.00	1
0177100	SALT SHED AND ENVIRONMENTAL SITE IMPROVEMENTS	l.s.	$ 452,558.54	9
0201001	CLEARING AND GRUBBING	l.s.	$ 48,776.79	14
0201012	REMOVAL OF TREES	ea.	$ 710.00	3
0201015	REMOVAL OF CHAIN LINK GATE	ea.	$ 118.76	2
0202001	EARTH EXCAVATION	c.y.	$ 12.59	2
0202002	EARTH EXCAVATION	c.y.	$ 7.24	11
0202003	EARTH EXCAVATION	c.y.	$ 4.38	1
0202101	ROCK EXCAVATION	c.y.	$ 52.66	2
0202103	ROCK EXCAVATION	c.y.	$ 10.00	1
0202243	CLEAN DRAINAGE PIPE	l.f.	$ 12.00	1
0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	$ 54.54	10
0202317	DISPOSAL OF HAZARDOUS MATERIALS	ton	$ 1,000.00	1

MAJOR CONSTRUCTION PROJECTS
Railroad Facilities

ITEM#	ITEM DESCRIPTION	UNIT	UNIT PRICE	#PROJS
0104051	POLE FOUNDATION, TYPE B	ea.	$ 16,855.00	1
0104053	POLE FOUNDATION, TYPE D	ea.	$ 24,715.00	1
0104055	POLE FOUNDATION, TYPE F	ea.	$ 9,570.00	1
0104056	POLE FOUNDATION, TYPE R	ea.	$ 22,290.00	1
0104061	FOUNDATION, TYPE 1	ea.	$ 3,450.00	1
0104073	SNOWMELTER UNIT SUBSTATIONS	ea.	$ 54,510.00	1
0125503	ACCEPTANCE TESTING (SITE 4)	l.s.	$ 100,525.00	1
0125740	TECHNICAL MANUALS	l.s.	$ 2,570.00	1
0125741	SPARE PARTS MANUALS	l.s.	$ 2,570.00	1
0125742	SPECIAL TOOLS	l.s.	$ 7,915.00	1
0201001	CLEARING AND GRUBBING	l.s.	$ 17,766.67	3
0201030	CLEARING AND GRUBBING (SITE NO. 1)	l.s.	$ 15,000.00	1
0201031	CLEARING AND GRUBBING (SITE NO. 2)	l.s.	$ 12,000.00	1
0201032	CLEARING AND GRUBBING (SITE NO. 3)	l.s.	$ 10,000.00	1
0202002	EARTH EXCAVATION	c.y.	$ 8.00	1
0202103	ROCK EXCAVATION	c.y.	$ 10.00	1
0202120	ROCK EXCAVATION (NO EXPLOSIVES)	c.y.	$ 500.00	1
0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	$ 54.84	5
0202317	DISPOSAL OF HAZARDOUS MATERIALS	ton	$ 2,000.00	1
0202318	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL	c.y.	$ 7.64	4
0202319	DISPOSAL/RECYCLE OF ENVIRONMENTAL WASTE	ton	$ 2,500.00	1
0202401	UNCLASSIFIED EXCAVATION	c.y.	$ 22.00	1
0202451	TEST PIT EXCAVATION	c.y.	$ 100.00	1
0202452	TEST PIT	ea.	$ 800.00	1
0202503	REMOVAL OF CONCRETE CURBING	l.f.	$ 15.00	1
0202513	REMOVAL OF CONCRETE SIDEWALK	s.y.	$ 40.00	1
0202522	REMOVAL OF BITUMINOUS TYPE PAVEMENT	s.y.	$ 5.00	1
0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.f.	$ 1.98	4
0202999	MAINTAIN SEWER FLOWS	l.s.	$ 100,000.00	1
0203001	STRUCTURE EXCAVATION EARTH (COMPLETE)	c.y.	$ 15.75	1
0203101	STRUCTURE EXCAVATION-ROCK (COMPLETE)	c.y.	$ 131.25	1
0203202	STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	c.y.	$ 15.00	1
0203304	STRUCTURE EXCAVATION - ROCK (EXCLUDING COFFERDAM & DEWATERING)	c.y.	$ 10.00	1
0204210	HANDLING CONTAMINATED GROUNDWATER	est.	$ 20,000.00	1
0204503	DEWATERING	l.s.	$ 58,662.50	2
0205001	TRENCH EXCAVATION 0'-4' DEEP	c.y.	$ 18.95	2

MINOR CONSTRUCTION PROJECTS
Intersection Improvements

ITEM#	ITEM DESCRIPTION	UNIT		UNIT PRICE	#PROJS
0101000	ENVIRONMENTAL HEALTH AND SAFETY	l.s.	$	3,000.00	1
0101117	CONTROLLED MATERIALS HANDLING	c.y.	$	3.00	1
0101123	DEWATERING, CONTROLLED HANDLING AND DISPOSAL OF CONTAMINATED WATER	m.gal	$	12.00	1
0101128	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	l.s.	$	1,000.00	1
0201001	CLEARING AND GRUBBING	l.s.	$	35,687.50	4
0201013	REMOVAL OF EXISTING FENCE	l.f.	$	2.00	1
0202002	EARTH EXCAVATION	c.y.	$	9.43	3
0202003	EARTH EXCAVATION	c.y.	$	9.58	1
0202101	ROCK EXCAVATION	c.y.	$	20.00	1
0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	$	48.00	1
0202318	MANAGEMENT OF REUSABLE CONTROLLED MATERIAL	c.y.	$	10.00	1
0202491	REMOVAL OF GRANITE STONE CURBING	l.f.	$	4.00	1
0202501	CUT CONCRETE PAVEMENT	l.f.	$	3.50	1
0202502	REMOVAL OF CONCRETE PAVEMENT	s.y.	$	6.50	1
0202513	REMOVAL OF CONCRETE SIDEWALK	s.y.	$	30.00	1
0202522	REMOVAL OF BITUMINOUS TYPE PAVEMENT	s.y.	$	2.00	1
0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.f.	$	1.67	3
0205001	TRENCH EXCAVATION 0'-4' DEEP	c.y.	$	8.60	3
0205002	ROCK IN TRENCH EXCAVATION 0'-4' DEEP	c.y.	$	100.00	1
0205003	TRENCH EXCAVATION 0'-10' DEEP	c.y.	$	11.58	4
0205004	ROCK IN TRENCH EXCAVATION 0'-10' DEEP	c.y.	$	40.74	3
0205005	TRENCH EXCAVATION 0'-15' DEEP	c.y.	$	11.50	1
0207002	BORROW	c.y.	$	1.00	1
0209001	FORMATION OF SUBGRADE	s.y.	$	5.01	4
0210200	TEMPORARY SLOPE PROTECTION	s.y.	$	1.68	2
0210820	WATER POLLUTION CONTROL (ESTIMATED COST-PLUS)	estpls	$	1,125.00	4
0212002	SUBBASE	c.y.	$	24.01	2
0212003	SUBBASE	c.y.	$	15.45	2
0219001	SEDIMENTATION CONTROL SYSTEM	l.f.	$	2.50	4
0304001	PROCESSED AGGREGATE BASE	ton	$	10.00	1
0406011	BITUMINOUS CONCRETE - CLASS 1	ton	$	56.50	1
0406014	BITUMINOUS CONCRETE - CLASS 1	ton	$	44.19	2
0406018	BITUMINOUS CONCRETE - CLASS 2	ton	$	39.90	1
0406030	BITUMINOUS CONCRETE - CLASS 4	ton	$	54.50	1
0406031	BITUMINOUS CONCRETE - CLASS 4	ton	$	63.03	2
0406236	MATERIAL FOR TACK COAT	gal	$	2.61	3
0406272	MILLING OF BITUMINOUS CONCRETE (0" TO 4")	s.y.	$	1.56	2
0406286	MILLING FOR PAVEMENT TRANSITIONS	s.y.	$	7.11	1