



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 17, 2007

SUBJECT: FAU 8419 (IL Route 140)
Project M-TE-D7(21)
Section 99-00048-01-PV (Vandalia)
Fayette County
Contract No. 95500
Item 118
April 27, 2007 Letting
Addendum A

TO PROSPECTIVE BIDDERS:

To clarify information it is necessary to revise the following:

PROPOSAL

1. Remove existing Schedule of Prices and replace with the attached revised Schedule of Prices.
2. Remove existing Special Provision pages **3a, 5a, 8a, 16a, 18b and 19b** and replace with the attached revised special provisions for those pages.

PLANS

Remove existing plan pages **3, 4, 24, 48, 49, 52, 59, 60, 64, 65, 67, 68, 70, 71, 73, 75, 82, 84, and 94-99** replace with the attached corresponding plan pages plus **98b**.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal. Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Since the proposal sheets are printed back to back, bidders are cautioned to exercise care when inserting revised and/or added special provisions into their proposals.

Very truly yours,

Eric Harm
Interim Engineer of Design
and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' with a small 'P.E.' to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

STATE JOB # - C-97-005-01
 PPS NBR - 7-10372-0000

COUNTY NAME	CODE	DIST	SECTION NUMBER	PROJECT NUMBER	ROUTE
FAYETTE	051	07	99-00048-01-PV (VANDALIA)	M-TE-00D7/021/000	FAU 8419

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
B2001366	T-CORNUS FLOR CL 6'	EACH	36.000	X			
LR430040	PAVING BRICK SIDEWALK	SQ YD	780.000	X			
XX000690	SAN SEW REM REPL 10	FOOT	28.000	X			
XX000739	CURB STOP & BOX 1	EACH	83.000	X			
XX000868	SELECT GRAN BACKFILL	CU YD	5,487.000	X			
XX000959	TRASH RECEPTACLES	EACH	36.000	X			
XX001051	WATER SERV LINE RECON	EACH	83.000	X			
XX001386	SAN SEW PVC 8	FOOT	419.000	X			
XX004101	ORNAMENT METAL FENCE	FOOT	78.000	X			
XX004242	ORNAMENTAL HANDRAIL	FOOT	52.000	X			
XX004602	BENCH WITH BACK	EACH	36.000	X			
XX004735	RD INLET TY B T1 F&CL	EACH	1.000	X			
XX004887	ORNAM.LIGHT UNIT COMP	EACH	40.000	X			
XX004998	PVC WATER MAIN 6	FOOT	671.000	X			
XX004999	PVC WATER MAIN 8	FOOT	3,249.000	X			

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT NUMBER - 95500

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
XX005488	ST CASING B & J 48	FOOT	119.000 X				
XX005790	REC SAN S LAT 6	EACH	50.000 X				
XX005884	GROUT ABANDON SEWERS	FOOT	* 1,749.000 X				
XX006179	SAN MANHOL REM & REPL	EACH	4.000 X				
XX006887	CAP AND BLOCK 1"	EACH	1.000 X				
XX006888	CAP AND BLOCK 2"	EACH	1.000 X				
XX006889	CAP AND BLOCK 3"	EACH	3.000 X				
XX006890	CIPP LINER SS MAIN 6"	FOOT	187.000 X				
XX006891	CIPP LINER SS MAIN 8"	FOOT	1,162.000 X				
XX006892	CIPP LINER SS MAIN 10	FOOT	280.000 X				
XX006893	CIPP LINER SS MAIN 12	FOOT	391.000 X				
XX006894	CIPP LINER SS MAIN 15	FOOT	* 265.000 X				
XX006895	R DEP MH 4 SAL F & G	EACH	1.000 X				
XX006896	STL CASING B & J 42"	FOOT	110.000 X				
XX006897	5' BRICK CIR PATTERN	EACH	36.000 X				

* Revised 4-17-07

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
XX006898	STAMPED COLORED PCC	SQ FT	856.000 X	=		=	
XX006899	S A OUTDOOR I SIGN A3	EACH	7.000 X	=		=	
XX006900	S A OUTDOOR I SIGN A4	EACH	3.000 X	=		=	
XX006901	TREE GRATE ASSEM COMP	EACH	36.000 X	=		=	
XX006902	HAN RAMP & HANDRAIL,C	EACH	1.000 X	=		=	
XX006903	ORNAM ST SIGN POST,C	EACH	49.000 X	=		=	
XX006944	UD 5#2 #2G XLPUSE 2"P *	FOOT	4,928.000 X	=		=	
X0300558	SAN SEW REM REPL 8	FOOT	1,599.000 X	=		=	
X0301708	CAP AND BLOCK 6	EACH	4.000 X	=		=	
X0301709	CAP AND BLOCK 8	EACH	1.000 X	=		=	
X0321556	SANITARY MANHOLE ADJ	EACH	3.000 X	=		=	
X0322024	TRENCH DRAIN	EACH	1.000 X	=		=	
X0322719	TEMP DRAINAGE CONNECT	EACH	20.000 X	=		=	
X6020074	INLETS TA T3V F&G	EACH	29.000 X	=		=	
X6020075	INLETS TB T3V F&G	EACH	10.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X6020125	RD INLET TY B T3 F&G	EACH	7.000 X				
X6020127	RD INLET TY B T3V F&G	EACH	12.000 X				
Z0012450	CONCRETE STEPS	CU YD	5.000 X				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000 X				
Z0050900	REM CONC FDN	EACH	2.000 X				
Z0067500	STEEL CASINGS 16	FOOT	84.000 X				
20100110	TREE REMOV 6-15	UNIT	113.000 X				
20200100	EARTH EXCAVATION	CU YD	500.000 X				
20400800	FURNISHED EXCAV	CU YD	75.000 X				
20700400	POROUS GRAN EMB SPEC	CU YD	28.000 X				
20800250	TRENCH BACKFILL SPL	CU YD	4,720.000 X				
25000110	SEEDING CL 1A	ACRE	0.400 X				
25000400	NITROGEN FERT NUTR	POUND	36.000 X				
25000500	PHOSPHORUS FERT NUTR	POUND	36.000 X				
25000600	POTASSIUM FERT NUTR	POUND	36.000 X				

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
25000700	AGR GROUND LIMESTONE	TON	0.800 X	=			
25100630	EROSION CONTR BLANKET	SQ YD	1,936.000 X	=			
28000250	TEMP EROS CONTR SEED	POUND	40.000 X	=			
28000500	INLET & PIPE PROTECT	EACH	20.000 X	=			
28100707	STONE DUMP RIP CL A4	SQ YD	192.000 X	=			
28200200	FILTER FABRIC	SQ YD	192.000 X	=			
31100300	SUB GRAN MAT A 4	SQ YD	1,910.000 X	=			
35100700	AGG BASE CSE A 8	SQ YD	171.000 X	=			
35300500	PCC BSE CSE 10	SQ YD	587.000 X	=			
35400500	PCC BASE CSE W 10	SQ YD	431.000 X	=			
40200800	AGG SURF CSE B	TON	100.000 X	=			
40600100	BIT MATLS PR CT	GALLON	1,547.000 X	=			
40600300	AGG PR CT	TON	28.000 X	=			
40600635	LEV BIND MM N70	TON	1,342.000 X	=			
40600982	HMA SURF REM BUTT JT	SQ YD	1,530.000 X	=			

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
40600990	TEMPORARY RAMP	SQ YD	282.000	X	=		
40603340	HMA SC "D" N70	TON	1,074.000	X	=		
40800050	INCIDENTAL HMA SURF	TON	38.000	X	=		
42001300	PROTECTIVE COAT	SQ YD	4,695.000	X	=		
42300200	PCC DRIVEWAY PAVT 6	SQ YD	17.000	X	=		
42300400	PCC DRIVEWAY PAVT 8	SQ YD	578.000	X	=		
42400100	PC CONC SIDEWALK 4	SQ FT	24,965.000	X	=		
42400800	DETECTABLE WARNINGS	SQ FT	1,075.000	X	=		
44000100	PAVEMENT REM	SQ YD	1,017.000	X	=		
44000198	HMA SURF REM VAR DP	SQ YD	9,310.000	X	=		
44000200	DRIVE PAVEMENT REM	SQ YD	817.000	X	=		
44000300	CURB REM	FOOT	2,985.000	X	=		
44000500	COMB CURB GUTTER REM	FOOT	945.000	X	=		
44000600	SIDEWALK REM	SQ FT	27,578.000	X	=		
44001700	COMB C C&G REM & REPL	FOOT	399.000	X	=		

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
44201325	CL C PATCH T1 8	SQ YD	12.000 X				
44201329	CL C PATCH T2 8	SQ YD	37.000 X				
44201333	CL C PATCH T3 8	SQ YD	123.000 X				
44201335	CL C PATCH T4 8	SQ YD	1,809.000 X				
44201353	CL C PATCH T2 10	SQ YD	6.000 X				
44201357	CL C PATCH T3 10	SQ YD	19.000 X				
44201359	CL C PATCH T4 10	SQ YD	861.000 X				
44201415	CL C PATCH T2 15	SQ YD	10.000 X				
44201419	CL C PATCH T3 15	SQ YD	91.000 X				
44201421	CL C PATCH T4 15	SQ YD	2,042.000 X				
50104600	CONC RETAIN WALL REM	FOOT	61.000 X				
50200100	STRUCTURE EXCAVATION	CU YD	221.000 X				
50300225	CONC STRUCT	CU YD	50.000 X				
50300285	FORM LINER TEX SURF	SQ FT	181.000 X				
50607900	CLEAN & PT METAL HDRL	FOOT	56.000 X				

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				DOLLARS	CENTS	DOLLARS	CTS
50800105	REINFORCEMENT BARS	POUND	3,110.000 X	=		=	
50800205	REINF BARS, EPOXY CTD	POUND	390.000 X	=		=	
50900605	HANDRAIL REMOVAL	FOOT	76.000 X	=		=	
54213681	PRC FLAR END SEC 36	EACH	1.000 X	=		=	
54213687	PRC FLAR END SEC 42	EACH	1.000 X	=		=	
54216180	R C PIPE TEE 12P 12R	EACH	1.000 X	=		=	
54216185	R C PIPE TEE 15P 12R	EACH	1.000 X	=		=	
54216190	R C PIPE TEE 18P 12R	EACH	7.000 X	=		=	
54216200	R C PIPE TEE 24P 12R	EACH	18.000 X	=		=	
54216210	R C PIPE TEE 30P 12R	EACH	3.000 X	=		=	
54216220	R C PIPE TEE 36P 12R	EACH	6.000 X	=		=	
54248515	CONCRETE COLLAR	EACH	2.000 X	=		=	
550A0050	STORM SEW CL A 1 12	FOOT	503.000 X	=		=	
550A0120	STORM SEW CL A 1 24	FOOT	356.000 X	=		=	
550A0140	STORM SEW CL A 1 30	FOOT	47.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
550A0160	STORM SEW CL A 1 36	FOOT	159,000	X	=		
550A0340	STORM SEW CL A 2 12	FOOT	324,000	X	=		
550A0360	STORM SEW CL A 2 15	FOOT	252,000	X	=		
550A0380	STORM SEW CL A 2 18	FOOT	741,000	X	=		
550A0410	STORM SEW CL A 2 24	FOOT	409,000	X	=		
550A0430	STORM SEW CL A 2 30	FOOT	411,000	X	=		
550A0450	STORM SEW CL A 2 36	FOOT	655,000	X	=		
550A0470	STORM SEW CL A 2 42	FOOT	308,000	X	=		
550A2320	SS RG CL A 1 12	FOOT	160,000	X	=		
550A2520	SS RG CL A 2 12	FOOT	398,000	X	=		
550A2560	SS RG CL A 2 24	FOOT	32,000	X	=		
55100200	STORM SEWER REM 6	FOOT	104,000	X	=		
55100300	STORM SEWER REM 8	FOOT	80,000	X	=		
55100400	STORM SEWER REM 10	FOOT	326,000	X	=		
55100500	STORM SEWER REM 12	FOOT	597,000	X	=		

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
55100700	STORM SEWER REM 15	FOOT	112.000 X	=		=	
55100900	STORM SEWER REM 18	FOOT	211.000 X	=		=	
55101200	STORM SEWER REM 24	FOOT	399.000 X	=		=	
552B1100	SS JKD CL B 30	FOOT	110.000 X	=		=	
552B1300	SS JKD CL B 36	FOOT	119.000 X	=		=	
56104900	WATER VALVES 6	EACH	7.000 X	=		=	
56105000	WATER VALVES 8	EACH	16.000 X	=		=	
56108710	TAP VALVE & SLEEVE 4	EACH	1.000 X	=		=	
56108800	TAP VALVE & SLEEVE 6	EACH	5.000 X	=		=	
56400500	FIRE HYDNPTS TO BE REM	EACH	5.000 X	=		=	
56400820	FIRE HYD W/AUX V & VB	EACH	9.000 X	=		=	
59100100	GEOCOMPOSITE WALL DR	SQ YD	40.000 X	=		=	
59300100	CONTR LOW-STRENG MATL	CU YD	200.000 X	=		=	
60101605	PIPE DRAINS 4 SPL	FOOT	39.000 X	=		=	
60101705	PIPE DRAINS 6 SPL	FOOT	54.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
60108200	PIPE UNDERDRAIN 6 SP	FOOT	2,606.000 X				
60109580	P UNDR FOR STRUCT 4	FOOT	90.000 X				
60218400	MAN TA 4 DIA T1F CL	EACH	3.000 X				
60224600	RD MAN 4 DIA T1F CL	EACH	6.000 X				
60225400	RD MAN 5 DIA T1F CL	EACH	9.000 X				
60226200	RD MAN 6 DIA T1F CL	EACH	7.000 X				
60226270	RD MAN 7 DIA T1F CL	EACH	2.000 X				
60228110	MAN SAN 4 DIA T1F CL	EACH	18.000 X				
60235700	INLETS TA T3F&G	EACH	8.000 X				
60238500	INLETS TA SALV F&G	EACH	2.000 X				
60240220	INLETS TB T3F&G	EACH	1.000 X				
60240225	INLETS TB T4F&G	EACH	1.000 X				
60500040	REMOV MANHOLES	EACH	5.000 X				
60500050	REMOV CATCH BAS	EACH	23.000 X				
60500060	REMOV INLETS	EACH	2.000 X				

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
60603800	COMB CC&G TB6.12	FOOT	73.000 X	=			
60604400	COMB CC&G TB6.18	FOOT	4,317.000 X	=			
67100100	MOBILIZATION	L SUM	1.000 X	=			
70101700	TRAF CONT & PROT	L SUM	1.000 X	=			
70102620	TR CONT & PROT 701501	L SUM	1.000 X	=			
70102622	TR CONT & PROT 701502	L SUM	1.000 X	=			
70300100	SHORT-TERM PAVT MKING	FOOT	4,819.000 X	=			
70300610	TEMP PT PAVT MK L&S	SQ FT	188.000 X	=			
70300625	TEMP PT PVT M LINE 4	FOOT	6,468.000 X	=			
70300635	TEMP PT PVT M LINE 6	FOOT	5,482.000 X	=			
70300660	TEMP PT PVT M LINE 24	FOOT	425.000 X	=			
70301000	WORK ZONE PAVT MK REM	SQ FT	5,042.000 X	=			
78000100	THPL PVT MK LTR & SYM	SQ FT	188.000 X	=			
78000200	THPL PVT MK LINE 4	FOOT	2,726.000 X	=			
78000400	THPL PVT MK LINE 6	FOOT	3,503.000 X	=			

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
78000650	THPL PVT MK LINE 24	FOOT	294.000 X				
78300100	PAVT MARKING REMOVAL	SQ FT	346.000 X				
80400100	ELECT SERV INSTALL	EACH	1.000 X				
81012600	CON T 2 PVC	FOOT	229.000 X				
81013000	CON T 4 PVC *	FOOT	1,017.000 X				
81013200	CON T 6 PVC	FOOT	88.000 X				
81400100	HANDHOLE	EACH	2.000 X				
81400105	HANDHOLE SPL	EACH	1.000 X				
81400115	HANDHOLE TO BE ADJUST	EACH	1.000 X				
81900200	TR & BKFIL F ELECT WK *	FOOT	3,590.000 X				
82500530	LT CONT CBRCS 100-240	EACH	1.000 X				
84200500	REM EX LT UNIT SALV	EACH	4.000 X				
84200700	LIGHTING FDN REMOV	EACH	4.000 X				
87800110	CONC FDN TY A SPL	FOOT	240.000 X				
88600100	DET LOOP T1	FOOT	867.000 X				

TOTAL \$

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NOTE: *** PLEASE TURN PAGE FOR IMPORTANT NOTES ***

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NOTE:

1. EACH PAY ITEM SHOULD HAVE A UNIT PRICE AND A TOTAL PRICE.
2. THE UNIT PRICE SHALL GOVERN IF NO TOTAL PRICE IS SHOWN OR IF THERE IS A DISCREPANCY BETWEEN THE PRODUCT OF THE UNIT PRICE MULTIPLIED BY THE QUANTITY.
3. IF A UNIT PRICE IS OMITTED, THE TOTAL PRICE WILL BE DIVIDED BY THE QUANTITY IN ORDER TO ESTABLISH A UNIT PRICE.
4. A BID MAY BE DECLARED UNACCEPTABLE IF NEITHER A UNIT PRICE NOR A TOTAL PRICE IS SHOWN.

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CONSTRUCTION STAKING FOR WATER & SEWER MAINS:

The Engineer will perform construction staking for various aspects of the water & sanitary sewer main work as described by this Special Provision:

1. The Engineer will provide various benchmark locations and elevations at said benches coinciding with the datum utilized in the plans.
2. The Engineer will place nails in the existing pavement along the proposed centerline every twenty-five (25) feet between even Stations. These will facilitate horizontal alignment of various proposed features.
3. The Engineer will place lathes at every tee, hydrant, and bend as shown on the plans. At the same locations, offset stakes will be placed. No "cut" elevations will be provided at these locations as the Contractor is responsible for establishing these, to be verified by the Engineer (see Item 6 of LIMITATIONS DURING CONSTRUCTION).
4. The Engineer will facilitate placement of the water & sanitary sewer main at depths that will avoid conflict with proposed drainage systems by staking pertinent horizontal alignment points of said drainage systems, as needed by the Contractor.
5. The Contractor shall give the Engineer a minimum of three (3) working days notice before staking required pertinent to the section of water and/or sanitary sewer main being worked on.
6. In the event that the Contractor removes or damages said controls, the Contractor shall reimburse the Engineer for re-staking at no additional charge to the Contract.

BEDDING, HAUNCHING, & INITIAL BACKFILL FOR WATER AND SANITARY SEWER MAINS:

This work shall be done in accordance with Section 208 and Article 550.07 of the Standard Specifications for Road and Bridge Construction, the plans, and as modified by this Special Provision. References to bedding, haunching, and initial backfill in the Standard Specifications for Water and Sewer Main Construction shall supersede for Water and Sanitary Sewer.

As required by the City, bedding, haunching, and initial backfill shall be Course Aggregate or a Course Modified, IDOT gradation "Pea Gravel" - CA-15, CA-16, CM-15, or a CM-16.

All trenches for water and sanitary sewer mains shall have bedding, haunching, and initial backfill including those beyond the two (2) foot distance from sidewalk, pavement, etc.

All bedding shall be placed in no greater than four (4) inch lifts. No bedding shall be placed over any ponded and frozen water.

Excavation

All excavation required for this work shall be included in the unit price for WATER MAIN of the size specified.

Fittings

All fittings implied by bends, angles, tees, reducers, etc. shown in the plans and/or required to achieve proposed elevations that do not conflict with roadway and other utility work, unless specifically listed as an IDOT pay item in Proposals or on plan Summary of Quantities, shall not be paid for separately but shall be included in the Contract unit price per FOOT for PVC WATER MAIN AND FITTINGS of the size specified.

All fittings shall be ductile iron conforming to ANSI/AWWA C110 and shall be tar (seal; asphaltic) coated and cement lined. All bolts shall be Cor-ten tee head. All mechanical fittings shall have rubber (SBR) gaskets. All fittings, including valves, shall be restrained with mechanical restrainers and installed per manufacturer's recommendations. The Contractor may use thrust blocking in lieu of mechanical restrainers.

Pipe Material & Joints

Polyvinyl Chloride (PVC) pipe shall be utilized for PVC WATER MAIN AND FITTINGS of the type specified on the plans.

PVC pipe shall conform to requirements of Section 40-2.03 and shall:

1. be AWWA Standard C 900;
2. be DR 18 pipe;
3. have a 150 pressure class;
4. have push on joints or mechanical joints with rubber (SBR) gaskets.

Blocking

Thrust blocking shall be constructed in accordance with Section 41-2.09 of the Standard Specifications and plan details. All thrust blocking shall be pre-cast concrete blocking as shown in plans. The Contractor will not receive additional compensation for this work but shall include it in the Contract unit price per FOOT for PVC WATER MAIN AND FITTINGS.

Bury Depth

All mains shall be installed a minimum of forty-two (42) inches below the existing or proposed surfaces to the top of the main, whichever is lower, conforming to proposed roadway features and existing utilities to remain in place as mentioned previously herein, unless otherwise noted on the plans. The Contractor is responsible for increasing depths at no additional cost to the Contract.

Tracer Wire:

Number 12 gauge copper wire shall be installed one (1) foot above the top of all water main pipes in trenches, including those in casing pipes for subsequent "tracing", or locating by electrical means, installed mains. Pipes that are bored, at the prerogative of the Contractor, and pipes that are bored and jacked, shall also have tracer wires installed with them. Tracer wires shall be wrapped around valve boxes and hydrants at locations specified by the City. The Contractor will not receive additional compensation

The locations of the service lines shown on the plans are approximations; the contractor shall locate all service line locations. There will be no additional compensation for the exact determinations of the service lines. All service lines supplied need to be connected to a new meter.

This work shall include all necessary excavation, backfilling, and backfilled with material, in a manner conforming to, requirements of BEDDING, HAUNCHING, & INITIAL BACKFILL FOR WATER AND SANITARY SEWER MAINS and SELECT GRANULAR BACKFILL, herein, in all locations. This requires that coarse aggregate backfill material be utilized in all locations. The costs for all excavation and backfilling shall be included in the unit price cost for SERVICE RECONNECTION.

The water service lines shall be 1" copper tubing in accordance with ASTM B88, unless otherwise noted on the plans. All designations of copper tubing are nominal size. All copper tubing to be installed underground shall be annealed (soft) type K. Copper pipe fittings shall be from one manufacturer and shall be the approval of the City.

All references in Section 562 of the Standard Specifications for Road and Bridge Construction to Trench Backfill and Article 550.07 shall be replaced with reference to these Special Provisions

As required by the City, all Water Service Line Reconnection shall include a new 1" x 3/4" service meter with automatic read to be mounted on the face of the building or lid of the water meter pit. These automatic readers shall include duplicate reader wands and all appurtenances for the city to record the water usage. The costs for furnishing and installing the described service lines shall be included in the unit cost price for WATER SERVICE LINE RECONNECTION. The service meter shall be a Badger bronze disc type or equal. All service meters and reading devices must be approved by the city. All reading devices (wands) must be BadgerTouch or a Sensus protocol, such as VersaProbe or Metra Pro's reading wands, to Interrogate the BadgerTouch remote module. All wiring shall be installed within an approved electrical conduit.

All labor, equipment, and materials required for this work shall be paid for at the Contract unit price WATER SERVICE LINE RECONNECTION. All connections and piping must conform to Illinois Plumbing Code.

TAPPING SLEEVES AND VALVES:

This work shall be in accordance with the Standard Specifications, the plans, and as modified by this Special Provision.

This work shall include all necessary excavation, backfilling, and backfilled with material, and in a manner conforming to, requirements of BEDDING, HAUNCHING, & INITIAL BACKFILL FOR WATER AND SANITARY SEWER MAINS and SELECT GRANULAR BACKFILL, herein, wherever applicable. The costs for all excavation, backfilling, and backfill material for this item shall be included in the unit price cost for the TAPPING SLEEVES AND VALVES of the size specified.

All TAPPING SLEEVES AND VALVES shall be Mueller brand. The valves shall be Mueller T-2360 resilient wedge tapping valves with mechanical joint flanged ends per AWWA C509. The sleeve shall be Mueller stainless steel H-304 of the size required.

The valve boxes shall be adjustable, cast iron, 5-1/4" diameter Tyler brand boxes with stabilizers installed, as utilized by the City throughout their system currently, and with the

All service laterals shall be PVC sewer service pipe. The pipe shall conform to ASTM D 2241 6" diameter. The pipe will have a minimum acceptable SDR number 26. The connection to the existing lateral shall be made using a Flex-Seal® Adjustable Repair Coupling as manufactured by Mission Rubber Company, or equal. The joints shall be push on with elastomeric joints as per ASTM 3212 Standards or approved equal.

Only sanitary service laterals are to be connected to the sewer main. No storm sewer inlets shall be connected to sewer main. In no instance shall a service lateral be tied into the manhole. All connections shall be connected to the main.

GROUT ABANDONED SEWER:

Must use sand cement grout with super plasticizer - mixed in the proportions of one part Portland cement to two and one half parts of fine aggregate. For grouting areas greater than 2 inches clearance, where coarse aggregate will not obstruct free passage of the grout, extend grout by adding 50 pounds of pea gravel per 100 pounds grout material. Mix non-shrink grouting materials and water in a mechanical mixer for no less than 3 minutes. Mix grout as close to the work area as possible and transport the mixture quickly and in a manner that does not permit segregation of materials. After the grout has been mixed, do not add more water for any reason. Remove all defective concrete, laitance, dirt, oil, grease, and other foreign material from concrete surfaces by bush hammering, chipping, or other similar means, until a sound clean concrete surface is achieved. Lightly roughen the concrete, but not enough to interfere with the proper placement of grout. Cover concrete areas with waterproof membrane until ready to grout. Remove foreign materials from all steel surfaces in contact with grout. Align, level, and maintain final positioning of all components to be grouted. Take special precautions during extreme weather conditions according to the manufacturer's written instructions. Immediately before grouting, remove waterproof membranes and clean any contaminated surfaces. Place non-shrink grouting material quickly and continuously by the most practical means permissible; pouring, pumping, or under gravity pressure. Do not use either pneumatic pressure nor dry packing methods without written permission of the Engineer. Apply grout from one side only to avoid entrapping air. Final installation shall be thoroughly compacted and free of air pockets. Do not vibrate the placed grout mixture, or allow it to be placed if the area is being vibrated by nearby equipment. Do not remove leveling shims for at least 48 hours after grout has been placed. Do not use mixing water above 80 degrees F placing of grout shall be at a temperature of 45 - 75 degrees F for foundation, bedplate, and grout material. Maintain for 24 hours following installation, thereafter above 40 degrees F until strength exceeds 4000 psi. Use cold or iced water to extend working time in hot weather or large placements. Cure grout for 3 days after placing by keeping wet and covering with curing paper or by another approved method.

Sanitary sewer to be abandoned shall be grouted and shall be paid for at the contract unit price per linear foot as called for in the bid.

END OF SECTION 1

powder coating; electro-statically applied and oven cured according to powder manufacturer's specifications. Fasteners shall be stainless steel.

Leg thickness shall be 1 1/2" with foot pads being 5 1/8" long x 2 3/8" wide. The overall height shall be 33 1/4"

Perforated panel bench seats use 12 gage sheet steel. Rods shall be 1/2" diameter and slats shall be 1/4" x 2 1/4" flat bar. The frame / mounting brackets shall be 10 gage sheet steel. Benches shall use 1/4" x 1 1/4" steel flat bar for support at the rolled sides.

Benches shall be mounted to the sidewalk as shown within the plans.

All labor, equipment, and material required for this work shall be paid for at the Contract unit price per EACH for BENCH WITH BACK.

ORNAMENTAL LIGHT UNIT, COMPLETE:

This work shall be in general accordance with Section 830 and 821 of the Standard Specifications, the plans, and as modified by this Special Provision.

Lights shall be manufactured by Sternberg Lighting or equivalent approved by the City, in accordance with the specifications stated herein. (see details sheet for specific part numbers)

The 16 ft tall decorative post shall be aluminum, one-piece construction. The 20" diameter cast aluminum fluted base shall be constructed with a 6 inch diameter aluminum shaft. The base shall be designed with twelve curved flutes and teardrop decorations and be made of heavy wall, 356 alloy cast aluminum. It shall have a 1" thick floor cast as an integral part of the base. The shaft shall be double circumferentially welded internally and externally to the base for added strength. The extruded tapered fluted shaft shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition.

Four, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for anchorage. A door shall be provided for wiring and anchor bolt access. It shall be secured with two, tamper proof, stainless steel screws. Post will be provided with a grounding stud mounted on the base floor opposite the access door.

The Victorian fixture shall consist of a decorative cast aluminum fitter, decorative cast aluminum cage, cast ballast housing assembly and polycarbonate or acrylic clear lens. It shall be appointed with a cast aluminum decorative urn finial.

The fitter shall be heavy wall cast aluminum, 319 alloy for high tensile strength. It shall have an 8" inside diameter opening to attach to the 8" neck of the acorn globe. The fitter shall be set screwed to the pole top or tenon. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly.

The ballast housing shall be heavy wall cast aluminum, 319 alloy for high tensile strength. The housing shall be cast as an integral part of the fitter to prevent water entry into the ballast compartment and to ensure high capacity heat sinking of ballast

temperatures, keeping the ballast cooler and ensuring long life. The ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2ea finger latches.

The fixture shall be U.L. or E.T.L. listed. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degree F. Medium base and mogul base porcelain sockets shall be 4KV rated. The ballast/socket assembly shall be pre-wired when ballast is located in the fitter. All compact fluorescent (PL) ballasts shall be instant start electronic with a starting temperature of down to 0 degrees F. They shall have a 4-pin socket to accept quad or triple tube lamps.

The fixture housing shall be 18" in diameter and 31" tall. Its basket shall be made up of a 15" tall decorative cast aluminum slotted band with 4 decorative cast "Y" shaped support legs. The band shall have four cast medallions finished in accent gold. The basket shall cradle a 16" in diameter by 15" tall clear lens having an 8" diameter aluminum neck. The roof shall be made of spun aluminum. It shall be made of vandal resistant clear polycarbonate or dent resistant (DR) clear acrylic.

NIGHTSKY™ STAR-SHIELD™ Roof Optics distribution shall be delivered by multi-segmented roof mounted reflector systems which eliminate uplight and provide cut-off. The reflector cavity shall be made of specular anodized aluminum. Roof Optics Type 3 (RO3H-S) horizontal shall be used. House Side Shield (HSS) which will block up to 120° of light in any one direction shall be used to deflect the light from Gallatin Street.

Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrostatically applied semi-gloss, super durable polyester powder bake at 400 degrees for a durable and superior, color retentive finish. The total assembly shall be wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

Product shall be backed by a minimum Five-year limited warranty.

The term "COMPLETE" shall encompass the pole, luminaries, pole accessories, wiring from base to luminaries and accessories, and other miscellaneous equipment required to complete the work.

All labor, equipment, and material required for this work shall be paid for at the Contract unit price per EACH for ORNAMENTAL LIGHT UNIT, COMPLETE.

TEMPORARY DRAINAGE CONNECTION:

This work shall be in general accordance with Section 550 of the Standard Specifications, the plans, and as modified by this Special Provision.