



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 14, 2011

SUBJECT: FAU Route 3537 (Lake St.)
Project ACM-3537 (006)
Section 3264-T
Cook County
Contract No. 60H44
Item No. 1, April 29, 2011 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices.
2. Added page iv to the Table of Contents to the Special Provisions.
3. Revised pages 44 - 48 & 65 of the Special Provisions.
4. Added pages 205 - 206 to the Special Provisions.
5. Revised sheets 4, 5, 7, 8, 24, 26, 27 & 67 of the Plans.

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.

Very truly yours,

Scott E. Stitt, P.E.
Acting Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E." with a small "P.E." to the right.

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

cc: Diane O'Keefe, Region 1, District 1; Mike Renner; D. Carl Puzey;
Estimates

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60H44

State Job # - C-91-615-09
 PPS NBR - 1-76819-0000
 County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 3264-T

Project Number
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* REVISED : APRIL 13, 2011

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2005014	T-GYMNOCLA DIO 1-3/4	EACH	3.000				
A2006514	T-QUERCUS BICOL 1-3/4	EACH	3.000				
C2C05724	S-RHUS AROMA 2'C	EACH	20.000				
K1001988	IRRIGATION SYSTEM SPL	L SUM	1.000				
XX003032	GATE VALVES 12	EACH	1.000				
X0322080	BUS SHELTER REM RELOC	EACH	1.000				
X0324455	DRILL/SET SOLD P SOIL	CU FT	897.000				
X0324456	DRILL/SET SOLD P ROCK	CU FT	2,439.000				
X0326299	TEMP SIGN PANEL ASBLY	SQ FT	7.000				
X0326712	ABAN FILL EX SAN SEW	EACH	1.000				
* X0327221	DI WM 12 STEEL CASING	FOOT	130.000				
X0327222	SAN MAN TA 4' DIAM	EACH	2.000				
X0327223	SAN SEW 8 CONC ENCSM	FOOT	66.000				
X0327224	SAN SEW 10 CONC ENCSM	FOOT	66.000				
X0327225	SAN SEW 8 STL CASING	FOOT	52.000				

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X0327226	SAN SEW 10 STL CASING	FOOT	52.000				
* X0327227	GATE VLVE 8 W/VT BOX	EACH	2.000				
X0327228	VLV VAULT TA T1FCL SP	EACH	3.000				
X0327229	SLIDE GATE	EACH	1.000				
X0350810	BOLLARD REMOVAL	EACH	6.000				
X0487700	SAN SEW REMOV 10	FOOT	103.000				
X0502600	TEMP LIGHTING	L SUM	1.000				
X2130010	EXPLOR TRENCH SPL	FOOT	45.000				
X4022000	TEMP ACCESS- COM ENT	EACH	6.000				
X4023000	TEMP ACCESS- ROAD	EACH	1.000				
* X5610004	D I WTR MN FITTINGS	POUND	4,465.000				
* X5610651	ABAN EX WM FILL CLSM	FOOT	264.000				
X5610708	WATER MAIN REMOV 8	FOOT	128.000				
X6026050	SANITARY MANHOLE ADJ	EACH	4.000				
X6026055	SAN MANHOLE SPL	EACH	2.000				

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X7030030	WET REF TEM TAPE T3 4	FOOT	10,573.000				
X7030055	WET REF TEM TPE T3 24	FOOT	54.000				
X8440116	RELOC EX LT UNIT SPL	EACH	10.000				
Z0001050	AGG SUBGRADE 12	SQ YD	8,220.000				
Z0007118	UNTREATED TIMBER LAG	SQ FT	1,162.000				
Z0007510	ENGINEERED BARRIER	SQ YD	889.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0016702	DETOUR SIGNING	L SUM	1.000				
Z0026404	FUR SOLDIER PILES WS	FOOT	953.000				
Z0030250	IMP ATTN TEMP NRD TL3	EACH	3.000				
Z0030260	IMP ATTN TEMP FRN TL3	EACH	4.000				
Z0030330	IMP ATTN REL FRD TL3	EACH	2.000				
Z0030850	TEMP INFO SIGNING	SQ FT	286.000				
Z0033028	MAINTAIN LIGHTING SYS	CAL MO	6.000				
Z0033046	RE-OPTIMIZE SIG SYS 2	EACH	1.000				

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Z0042002	POROUS GRAN EMB SUBGR	CU YD	250.000				
* Z0044800	PRESS CONNECT 8X8	EACH	1.000				
* Z0045100	PRESS CONNECT 12X12	EACH	1.000				
Z0046304	P UNDR FOR STRUCT 4	FOOT	150.000				
Z0057000	SAN SEW 10	FOOT	24.000				
Z0062456	TEMP PAVEMENT	SQ YD	123.000				
Z0067700	STEEL CASINGS 20	FOOT	150.000				
* Z0067900	STEEL CASINGS 24	FOOT	80.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	2,719.000				
Z0073500	TEMP SUPPORT SYSTEM	L SUM	1.000				
20100110	TREE REMOV 6-15	UNIT	101.000				
20100210	TREE REMOV OVER 15	UNIT	310.000				
20200100	EARTH EXCAVATION	CU YD	1,346.000				
20201200	REM & DISP UNS MATL	CU YD	250.000				
20300100	CHANNEL EXCAVATION	CU YD	485.000				

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20700220	POROUS GRAN EMBANK	CU YD	455.000				
* 20800150	TRENCH BACKFILL	CU YD	292.000				
21101615	TOPSOIL F & P 4	SQ YD	1,364.000				
25000310	SEEDING CL 4	ACRE	0.250				
25000700	AGR GROUND LIMESTONE	TON	0.500				
25100630	EROSION CONTR BLANKET	SQ YD	465.000				
25200110	SODDING SALT TOLERANT	SQ YD	1,187.000				
25200200	SUPPLE WATERING	UNIT	45.000				
28000250	TEMP EROS CONTR SEED	POUND	75.000				
28000400	PERIMETER EROS BAR	FOOT	553.000				
28000500	INLET & PIPE PROTECT	EACH	4.000				
28000510	INLET FILTERS	EACH	15.000				
28100109	STONE RIPRAP CL A5	SQ YD	231.000				
28200200	FILTER FABRIC	SQ YD	231.000				
40600200	BIT MATLS PR CT	TON	0.600				

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40603080	HMA BC IL-19.0 N50	TON	370.000				
40603310	HMA SC "C" N50	TON	94.000				
40800050	INCIDENTAL HMA SURF	TON	59.000				
42000516	PCC PVT 10 3/4 JOINTD	SQ YD	7,288.000				
42001300	PROTECTIVE COAT	SQ YD	9,599.000				
42300400	PCC DRIVEWAY PAVT 8	SQ YD	155.000				
42400200	PC CONC SIDEWALK 5	SQ FT	12,386.000				
42400410	PC CONC SIDEWALK 8	SQ FT	1,215.500				
42400800	DETECTABLE WARNINGS	SQ FT	72.000				
44000100	PAVEMENT REM	SQ YD	7,500.000				
44000200	DRIVE PAVEMENT REM	SQ YD	1,465.000				
44000300	CURB REM	FOOT	85.000				
44000500	COMB CURB GUTTER REM	FOOT	2,043.000				
44000600	SIDEWALK REM	SQ FT	7,822.000				
50100100	REM EXIST STRUCT	EACH	1.000				

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50200100	STRUCTURE EXCAVATION	CU YD	939.000				
50200450	REM/DISP UNS MATL-STR	CU YD	455.000				
50300225	CONC STRUCT	CU YD	62.600				
50500505	STUD SHEAR CONNECTORS	EACH	648.000				
50800105	REINFORCEMENT BARS	POUND	285,020.000				
50800205	REINF BARS, EPOXY CTD	POUND	10,670.000				
50800515	BAR SPLICERS	EACH	220.000				
50900105	ALUM RAILING TY L	FOOT	191.000				
51500100	NAME PLATES	EACH	1.000				
54003000	CONC BOX CUL	CU YD	730.000				
550A0050	STORM SEW CL A 1 12	FOOT	222.000				
550A0340	STORM SEW CL A 2 12	FOOT	113.000				
550A0360	STORM SEW CL A 2 15	FOOT	32.000				
550A0380	STORM SEW CL A 2 18	FOOT	16.000				
550A0410	STORM SEW CL A 2 24	FOOT	16.000				

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550A4900	SS CL A 2 EQRS 24	FOOT	16.000				
550B0030	STORM SEW CL B 1 8	FOOT	78.000				
550B0320	STORM SEW CL B 2 8	FOOT	14.000				
550B0500	STORM SEW CL B 2 60	FOOT	16.000				
55100500	STORM SEWER REM 12	FOOT	44.000				
* 56103000	D I WATER MAIN 6	FOOT	20.000				
56103100	D I WATER MAIN 8	FOOT	102.000				
* 56103300	D I WATER MAIN 12	FOOT	316.000				
56400500	FIRE HYDNTS TO BE REM	EACH	1.000				
56400510	FIRE HYDNT REM & REPL	EACH	1.000				
* 56400820	FIRE HYD W/AUX V & VB	EACH	2.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	66.000				
60107600	PIPE UNDERDRAINS 4	FOOT	193.000				
60200105	CB TA 4 DIA T1F OL	EACH	4.000				
60201340	CB TA 4 DIA T24F&G	EACH	11.000				

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60206905	CB TC T1F OL	EACH	4.000				
60255500	MAN ADJUST	EACH	12.000				
60265700	VV ADJUST	EACH	3.000				
60500040	REMOV MANHOLES	EACH	3.000				
60500050	REMOV CATCH BAS	EACH	13.000				
60600605	CONC CURB TB	FOOT	45.000				
60602800	CONC GUTTER TB	FOOT	45.000				
60603800	COMB CC&G TB6.12	FOOT	180.000				
60605000	COMB CC&G TB6.24	FOOT	1,986.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	100.000				
63200310	GUARDRAIL REMOV	FOOT	101.000				
66700305	PERM SURV MKRS T2	EACH	2.000				
66900200	NON SPL WASTE DISPOSL	CU YD	133.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	5.000				

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67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
70102625	TR CONT & PROT 701606	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	60.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	6.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	3,633.000				
70400100	TEMP CONC BARRIER	FOOT	1,175.000				
70400200	REL TEMP CONC BARRIER	FOOT	325.000				
70500100	TEMP SPBGR TY A	FOOT	50.000				
70500615	TEMP TR BAR TERM T1	EACH	1.000				
78008200	POLYUREA PM T1 LTR-SY	SQ FT	354.000				
78008210	POLYUREA PM T1 LN 4	FOOT	3,183.000				
78008230	POLYUREA PM T1 LN 6	FOOT	454.000				

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78008250	POLYUREA PM T1 LN 12	FOOT	107.000				
78008270	POLYUREA PM T1 LN 24	FOOT	74.000				
78100100	RAISED REFL PAVT MKR	EACH	145.000				
78100200	TEMP RAIS REF PVT MKR	EACH	53.000				
78200410	GUARDRAIL MKR TYPE A	EACH	4.000				
78200530	BAR WALL MKR TYPE C	EACH	376.000				
78201000	TERMINAL MARKER - DA	EACH	1.000				
78300100	PAVT MARKING REMOVAL	SQ FT	3,181.000				
78300200	RAISED REF PVT MK REM	EACH	180.000				
81000600	CON T 2 GALVS	FOOT	442.000				
81000700	CON T 2 1/2 GALVS	FOOT	11.500				
81001000	CON T 4 GALVS	FOOT	86.000				
81018900	CON P 4 GALVS	FOOT	78.000				
81100800	CON AT ST 3 GALVS	FOOT	110.000				
81300550	JUN BX SS AS 12X12X6	EACH	2.000				

TEMPORARY RAISED PAVEMENT MARKER (BDE).....205
PRESSURE CONNECTION 12" X12" 205
DUCTILE IRON WATER MAIN, 12" IN STEEL CASING 206

Revised 04/14/2011

The void between a proposed pipe and the barrel shall be sealed with a rubber boot conforming to ASTM C923.

Flexible gaskets (ASTM C990) or rubber gaskets (ASTM C443), or butyl rope or other approved equivalent bituminous material to ensure a watertight joint shall be installed at the valve vault joints.

An external sealing band system conforming to ASTM C877 (type 1) shall be installed at the outside joint section of the valve vault.

The type 1 frame and closed lid shall be bolted water tight, either Neenah R1916C or EJIW 1058 or approved equal. The frame shall be bolted to the precast manhole structure. The words "Water" and "Village of Melrose Park" shall be cast into the lid.

An external chimney seal shall be installed around the frame, adjustment rings, and precast structure. The rubber sleeve and extension shall be of high grade rubber conforming to ASTM C923 and shall extend a minimum of 3" below any adjustment rings. The upper and lower compression bands shall be 1" minimum width, 16 gauge stainless steel conforming to ASTM C923, type 304. Screws, nuts, and bolts shall be stainless steel conforming to ASTM F593 and F594, type 304.

Method of Measurement. This work will be measured for payment per each installed.

Basis of Payment. This work will be paid for at the contract unit price per each for VALVE VAULTS, TYPE A, TYPE 1 FRAME, CLOSED LID, SPECIAL. This price shall include all costs for furnishing labor, materials, and equipment necessary to construct this item.

WATER MAIN REMOVAL

This work shall consist of cutting, capping, bracing, and removal of existing water main at locations indicated on the plans.

After the new water main has been installed and in operation, the Contractor shall remove the existing water main as shown on the plans. The ends of the water main to remain shall be **plugged with a minimum (2) foot long of non-shrink concrete/mortar materials**, restrained by mechanical joints, and braced by a concrete thrust block.

Contractor shall backfill the trench created by the removal of the water main with clean approved material per Article 550.07, method 1 or if within 2' of pavement or sidewalk, trench backfill shall be utilized.

Method of Measurement. This work will be measured for payment per each foot of water main removed.

Basis of Payment. This work will be paid for at the contract unit price per foot for WATER MAIN REMOVAL, of the diameter specified. This price shall include all costs for providing the labor, equipment, and material necessary to excavate, remove water main, cap and restrain water main, backfill, and legally dispose the water main and excavated material in accordance with the special provision.

DUCTILE IRON WATER MAIN, 12" IN STEEL CASING

This work shall consist of installing twelve-inch (12") ductile iron water main **in a steel casing of the diameter as indicated on the plans.**

Revised 4/14/2011

The ductile iron water main shall be class shall be Class 52 (AWWA-C151) with cement mortar lining and seal coating (AWWA-C104). All joints shall be mechanical and restrained with retainer glands (AWWA C110).

Pressure testing, leakage testing and disinfection of the water main shall be in accordance with the applicable articles of Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois.

Method of Measurement. This work will be measured for payment per foot of ductile iron water main in steel casing.

Basis of Payment. This work will be paid for at the contract unit price per foot of DUCTILE IRON WATER MAIN, of the diameter specified, IN STEEL CASING. This price shall include all costs for furnishing the labor, material, and equipment necessary to install the water main at the proper line and grade in accordance with the Plans and as described in the special provision.

ABANDON EXISTING WATER MAIN, FILL WITH CLSM

The work shall consist of abandoning in place, a portion of the existing water main at locations shown on the plans and as directed by the Engineer.

All water main pipes to be abandoned shall be completely filled with Controlled Low Strength Material (CLSM), per section 1019 of the standard specification, for their entire lengths. Cutting the water main is paid for separately. After the water main has been filled with CLSM, the ends of the pipe shall be **plugged with a minimum (2) foot long of non-shrink concrete/mortar material.**

Method of Measurement. This work will be measured for payment per foot of abandoned water main filled with CLSM.

Basis of Payment. This work will be paid for at the contract unit price per foot for ABANDON EXISTING WATER MAIN, FILL WITH CLSM. This price shall include all costs for providing and injecting CLSM, capping and all other labor, equipment, and materials necessary to abandon and fill the pipe.

SANITARY SEWER

This work shall consist of the furnishing and installation of sanitary sewer pipe at locations shown on the Plans which shall conform with Sections 30 and 31 of the Standard Specifications for Water and Sewer Construction in Illinois", latest edition except as herein modified.

The proposed sewer shall be polyvinyl chloride (PVC) sewer pipe with a minimum standard dimension ratio (SDR) of 26 and shall conform to ASTM designation D-2241 (water quality pipe). The joints shall be rubber gasket and conform to ASTM designations D-3139 and F-477. The pipe bedding, initial and final backfill shall be incidental to this item.

Testing of the sanitary main per the Plans shall be incidental to this item.

Method of Measurement. This work will be measured for payment in feet of installed and tested sanitary sewer.

Method of Payment. This work will be paid for at the contract unit price per foot for SANITARY SEWER, of the diameter specified.

Revised 4/14/2011

This price shall include all costs for excavation, pipe bedding and backfill, pipe installation, flexible couplings, disposal of excavated material, control of sewer flows, testing and all other labor, equipment, and material necessary to install the pipe in accordance with the Specifications.

ABANDON AND FILL EXISTING SANITARY SEWER

The work shall consist of abandoning the existing sanitary main under Addison Creek as shown on the plans and as directed by the engineer.

All sanitary main pipes to be abandoned in place shall be completely filled with Controlled Low Strength Material (CLSM), per section 1019 of the standard specification. The ends of the sanitary sewer pipe shall be **plugged with a minimum (2) foot long of non-shrink concrete/mortar material.**

Method of Measurement. This work will be measured for payment for each section of capped and filled sanitary sewer pipe.

Basis of Payment. This work will be paid for at the contract unit price per each for ABANDON AND FILL EXISTING SANITARY SEWER, of the diameter specified. This price shall include all costs for providing and injecting CLSM, capping and all other labor, equipment, and materials necessary to abandon and fill the pipe in accordance with the Specifications.

SANITARY SEWER REMOVAL

This work shall consist of the removal of existing sanitary sewer main at locations as shown on the Plans and as directed by the engineer.

Excavation, cutting the sewer pipe, sanitary main removal and disposal, capping and backfilling are incidental work for this item. The **plug at ends shall be a minimum (2) foot long of non-shrink concrete/mortar material.** Prior to removing the sanitary sewers, the existing system shall be jet and vacuum clean.

The excavation shall be backed filled with material approved by the Engineer.

Method of Measurement. This work will be measured for payment in foot of sanitary sewer removed.

Basis of Payment. This work will be paid for at the contract unit price per foot of SANITARY SEWER REMOVAL, of the diameter specified. This price shall include all costs for providing the labor, equipment, and material necessary to jet and vacuum, excavate, cut, remove, cap, backfill, and dispose in accordance with the Specifications.

SANITARY MANHOLE, SPECIAL

This work shall consist of the construction of sanitary sewer manholes, with a frame and lid installed at locations as shown on the plans and shall be in accordance with Sections 602 and 604 of the Standard Specifications and Section 32 of the Standard Specifications for Water and Sewer Construction in Illinois, latest edition.

Revised 4/14/2011

The manhole shall be precast concrete with a 6' inner diameter. The void between a pipe and **the** barrel shall be sealed with a rubber boot conforming to ASTM C923.

Flexible gaskets (ASTM C990) or rubber gaskets (ASTM C443), or butyl rope or other approved equivalent bituminous material to ensure a watertight joint shall be installed at the manhole joints.

An external sealing band system conforming to ASTM C877 (type 1) shall be installed at the outside joint section of the manhole.

The type 1 frame and closed lid shall be bolted water tight, either Neenah R1916C or EJIW 1058 or approved equal. The words "Sanitary" and "Village of Melrose Park" shall be cast into the lid. The frame shall be bolted to the precast manhole structure.

An external chimney seal shall be installed around the frame, adjustment rings, and precast structure. The rubber sleeve and extension shall be of high grade rubber conforming to ASTM C923 and shall extend a minimum of 3" below any adjustment rings. The upper and lower compression bands shall be 1" minimum width, 16 gauge stainless steel conforming to ASTM C923, type 304. Screws, nuts, and bolts shall be stainless steel conforming to ASTM F593 and F594, type 304.

Method of Measurement. This work will be measured for payment for each sanitary sewer manhole installed and tested.

Basis of Payment. This work will be paid for at the contract unit price per each for SANITARY MANHOLE, SPECIAL. This price shall include all costs for furnishing labor, materials, and equipment necessary to construct and test this item.

SANITARY SEWER, CONCRETE ENCASEMENT

This work shall consist of the furnishing and installation of sanitary sewer encased in portland cement concrete at locations shown on the plans.

The proposed sanitary sewer shall be polyvinyl chloride (PVC) sewer pipe with a minimum standard dimension ratio (SDR) of 26 and shall conform to ASTM designation D-2241 (water quality pipe). The joints shall be rubber gasket and conform to ASTM designations D-3139 and F-477. Pipe installation shall be in accordance with Section 31 of the "Standard Specifications for Water and Sewer Construction in Illinois", latest edition.

The pipe shall be encased in Class SI concrete, 3" (minimum) at the top and sides of the pipe. Aggregate bedding, initial and final backfilling, bends, and testing of the sanitary main per the Plan and Specifications shall be incidental to this item.

Method of Measurement. This work will be measured for payment per foot of sanitary sewer concrete encasement.

Basis of Payment. This work will be paid for at the contract unit price per foot for SANITARY SEWER, 8" CONCRETE ENCASEMENT and SANITARY SEWER, 10" CONCRETE ENCASEMENT.

Revised 04/14/2011

This price shall include all costs for excavation, bends, pipe bedding, backfill, pipe installation, concrete encasement, disposal of excavated material, control of sewer flows, testing and all other labor, equipment, and material necessary to install the pipe in accordance with the Specifications.

SANITARY SEWER, IN STEEL CASING

This work shall consist of installing sanitary sewer pipe within a steel casing at the locations shown on the plans.

The proposed sanitary sewer shall be polyvinyl chloride (PVC) sewer pipe with a minimum standard dimension ratio (SDR) of 26 and shall conform to ASTM designation D-2241 (water quality pipe). The joints shall be rubber gasket and conform to ASTM designations D-3139 and F-477. Pipe installation shall be in accordance with Section 31 of the "Standard Specifications for Water and Sewer Construction in Illinois", latest edition. Testing of the sanitary main per the Plan and Specifications shall be incidental to this item.

Method of Measurement. This work will be measured for payment in feet of sanitary sewer in steel casing installed and tested.

Basis of Payment. This work will be paid for at the contract unit price per feet of SANITARY SEWER, 8" IN STEEL CASING and SANITARY SEWER, 10" IN STEEL CASING. This price shall include all costs for testing and furnishing the labor, material, and equipment necessary to install the sanitary main at the proper line and grade in accordance with the Plans and as described in the Specifications.

SANITARY MANHOLES, TYPE A, 4' DIAMETER

This work shall consist of the construction of sanitary sewer manholes type A, 4' diameter, with a frame and lid installed at locations as shown on the plans and shall be in accordance with Sections 602 and 604 of the Standard Specifications and Section 32 of the Standard Specifications for Water and Sewer Construction in Illinois, latest edition.

The manhole shall be precast concrete with a 4' inner diameter. The void between a pipe and **the** barrel shall be sealed with a rubber boot conforming to ASTM C923.

Flexible gaskets (ASTM C990) or rubber gaskets (ASTM C443), or butyl rope or other approved equivalent bituminous material to ensure a watertight joint shall be installed at the manhole joints.

An external sealing band system conforming to ASTM C877 (type 1) shall be installed at the outside joint section of the manhole.

The type 1 frame and closed lid shall be bolted water tight, either Neenah R1916C or EJIW 1058 or approved equal. The frame shall be bolted to the precast manhole structure. The words "Sanitary" and "Village of Melrose Park" shall be cast into the lid.

An external chimney seal shall be installed around the frame, adjustment rings, and precast structure.

Revised 04/14/2011

Method of Measurement. This work will be measured lump sum for the complete installation and removal of the temporary lighting.

Basis of Payment. This work will be paid for at the contract unit price lump sum for TEMPORARY LIGHTING, which includes all labor, equipment, and materials necessary to install, maintain and remove the proposed temporary lighting. Aerial cable will be paid for separately.

LIGHT POLE FOUNDATION, 24" DIAMETER

Add the following to Article 836.03(a) of the Standard Specifications:

“Anchor rods shall be of the same diameter as the diameters of the existing lighting anchor rods. The bolt circle shall match that of the existing light pole to be relocated and not necessarily as shown on the District 1 Standard.”

RELOCATE EXISTING LIGHTING UNIT, SPECIAL

Add the following after the first paragraph in Article 844.03(b) of the Standard Specifications:

“Existing lighting units requiring removal and that cannot be immediately installed on a proposed foundation shall be safely and securely stored by the Contractor until such a time that the existing lighting unit can be installed. Any damage sustained to the existing lighting unit stored by the Contractor shall be repaired or replaced in kind, to the satisfaction of the Engineer. Storing and transportation of the existing lighting units to and from the Contractors storage facility shall be included in this item.”

Basis of Payment. This work will be paid for at the contract unit price per each for RELOCATE EXISTING LIGHTING UNIT, SPECIAL.

UTILITY INSTALLATION SEQUENCING

The proposed water main and sanitary sewer construction, crossing Addison Creek on the south side of Lake Street (from Station 100+00 to Station 101+50), must be complete and operational prior to the Stage I excavation and removal of the existing box culvert. This sequence is required due to the conflict between the proposed box culvert and the existing water main and sanitary sewer on the south side of Lake Street.

TRAFFIC SIGNAL SPECIFICATIONS

Effective: May 22, 2002

Revised: November 1, 2009

These Traffic Signal Special Provisions and the "District One Standard Traffic Signal Design Details" supplement the requirements of the State of Illinois "Standard Specifications for Road and Bridge Construction." The intent of these Special Provisions is to prescribe the materials and construction methods commonly used for traffic signal installations. All material furnished shall be new. The locations and the details of all installations shall be as indicated on the Plans or as directed by the Engineer. Traffic signal construction and maintenance work shall be performed by personnel holding IMSA Traffic Signal Technician Level II certification. The work to be done under this contract consists of furnishing and installing all traffic signal work as specified in the Plans and as specified herein in a manner acceptable and approved by the Engineer.

Revised 04/14/2011

TEMPORARY RAISED PAVEMENT MARKER (BDE)

Effective: January 1, 2009

Description. This work shall consist of furnishing and installing temporary raised pavement markers.

Materials. The marker body shall be approximately 0.06 in. (1.5 mm) thick polyurethane formed in an "L" shape. The base of the marker shall be approximately 4 in. (100 mm) wide by 1.125 in. (28 mm) long with a solid 0.125 in. (3.2 mm) thick butyl rubber adhesive pad protected with a release paper. The vertical portion of the marker shall be approximately 4 in. (100 mm) wide by 2 in. (50 mm) high.

A cube-corner micro-prism reflective tape material shall be placed horizontally along both sides at the top of the vertical section of the marker. The reflective material shall be recessed in an "I-Beam" design to protect the reflective material from aggregate. A clear flexible polyvinyl chloride plastic cover is to be attached to the vertical section of the marker with a heavy duty staple to cover the reflective material during surfacing operations. The flexible raised pavement marker shall be readily visible at night when viewed with high beam automobile headlamps from a distance of at least 300 ft (90 m).

Construction Requirements

Application. The temporary markers shall be installed at the centerline or lane line(s) prior to application of any surface treatment which would cover the existing pavement markings. Temporary markers shall also be applied at edge lines when specified on the plans.

For temporary replacement of skip dash markings, an abbreviated pattern of two markers spaced 4 ft (1.2 m) apart with a maximum spacing of 40 ft (12 m) between sets of markers shall be used. For temporary replacement of solid lines, one marker shall be placed every 5 ft (1.5 m). The marker color and location shall match the existing line color and location.

Basis of Payment. This work will be paid for at the contract unit price per each for TEMPORARY RAISED PAVEMENT MARKER.

PRESSURE CONNECTION 12" X12"

This work shall consist of installing a pressure connection to the existing 12" water main at the locations shown on the plans or as directed by the engineer, in conformance with Section 46 of the Standard Specifications for Water and Sewer Construction in Illinois, latest edition, except as herein modified.

The Contractor shall perform this connection with the supervision of the Village of Melrose Park's Water Department which shall be notified 48 hours prior to the construction of the pressure connection.

The tapping sleeve shall be Clow Model No. F-5205 or Village of Melrose Park approved equal with a resilient wedge tapping valve. The tapping sleeve shall be carefully supported to allow for the placement of the precast concrete base of the vault. After the construction of the vault, the tapping sleeve shall be braced against the barrel section of the vault.

Added 04/14/2011

A 1" corporation tap shall be made into the new 12" water main at a point next to the tapping valve to allow for testing, chlorinating, and sampling work to be done. Furnishing and installing this tap shall be considered incidental to the work necessary for this item.

Method of Measurement. This work will be measured for payment per each complete connection.

Basis of Payment. This work will be paid for at the contract unit price per each for PRESSURE CONNECTION 12" X 12", which price shall include all costs for providing the labor, equipment, and material necessary to furnish and install the complete tapping sleeve assembly including the corporation tap and the tapping valve in a "watertight ready for service" condition at the location shown on the Plans and in accordance with the Plans and with the special provision.

DUCTILE IRON WATER MAIN, 12" IN STEEL CASING

This work shall consist of installing twelve-inch (12") ductile iron water main in a steel casing of diameter as indicated on the plans.

The ductile iron water main shall be class shall be Class 52 (AWWA-C151) with cement mortar lining and seal coating (AWWA-C104). All joints shall be mechanical and restrained with retainer glands (AWWA C110).

Pressure testing, leakage testing and disinfection of the water main shall be in accordance with the applicable articles of Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois.

Method of Measurement. This work will be measured for payment per foot of ductile iron water main in steel casing.

Basis of Payment. This work will be paid for at the contract unit price per foot of DUCTILE IRON WATER MAIN, of the diameter specified, IN STEEL CASING. This price shall include all costs for furnishing the labor, material, and equipment necessary to install the water main at the proper line and grade in accordance with the Plans and as described in the special provision.

Added 04/14/2011