



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 29, 2015

SUBJECT: FAU 1257 (Deerfield Road)
Section 11-00092-00-PV (Deerfield)
Lake County
Contract No. 63882
Item 105
November 6, 2015 Letting
Addendum (A)

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans. The original plans sheets posted to the internet are not legible. This addendum involves revised plan sheets for clarity.

- 1. Revised sheet 12 of the Plans.**
- 2. Revised pages 3 - 28 of the Schedule of Prices.**
- 3. Revised page 4 of the Table of Contents.**
- 4. Added pages 601 & 602 to the Special Provisions.**

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,

John Baranzelli, P.E.
Acting Engineer of Design and Environment

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

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

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X0326658	CUR-IN-PL PIPE LNR 10	FOOT	2,680.000 X	=			
X0326662	CUR-IN-PL PIPE LNR 24	FOOT	809.000 X	=			
X0326713	SANITARY SEWER CONN	EACH	54.000 X	=			
X0326766	CLEAN RESEAL RLF JNT	FOOT	357.000 X	=			
X0326806	WASHOUT BASIN	L SUM	1.000 X	=			
X0327002	STL CSNG JACK N PL 20	FOOT	120.000 X	=			
X0327123	CUR-IN-PL PIPE LNR 8	FOOT	1,880.000 X	=			
X0327552	TREE GRATE REMOVAL	EACH	63.000 X	=			
X0327611	REM & REIN BRIC PAVER	SQ FT	6,910.000 X	=			
X0327651	WAT MN IN CASING 12	FOOT	120.000 X	=			
X0539700	TREE FRAME AND GRATE	EACH	43.000 X	=			
X0540000	BRICK PAVERS	SQ FT	320.000 X	=			
X0640200	TRAF BARRIER TERM SPL	EACH	1.000 X	=			
X1200016	SAN SERVICE REPLCMNT *	EACH	62.000 X	=			
X2010310	TREE REMOV SPL	UNIT	40.000 X	=			

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X2110100	TOPSOIL F & P SPL	CU YD	60.000 X	=	=	=	=
X4021000	TEMP ACCESS- PRIV ENT	EACH	50.000 X	=	=	=	=
X4022000	TEMP ACCESS- COM ENT	EACH	15.000 X	=	=	=	=
X4023000	TEMP ACCESS- ROAD	EACH	22.000 X	=	=	=	=
X4024100	TEMP ACCESS WINTERIZE	SQ YD	2,596.000 X	=	=	=	=
X4201000	HES PCC PVT 9 1/2 J	SQ YD	4,020.000 X	=	=	=	=
X4202005	DIAMOND GRIND GRV R S	SQ YD	2,113.000 X	=	=	=	=
X4401198	HMA SURF REM VAR DP	SQ YD	1,143.000 X	=	=	=	=
X4404700	SIDEWALK REM SPL	SQ FT	359.000 X	=	=	=	=
X5017305	PROTEC SHIELD PERM	SQ YD	148.000 X	=	=	=	=
X5509900	ABANDON FILL SS	FOOT	4,337.000 X	=	=	=	=
X5537600	SS CLEANED 8	FOOT	355.000 X	=	=	=	=
X5537800	SS CLEANED 12	FOOT	137.000 X	=	=	=	=
X5610651	ABAN EX WM FILL CLSM	FOOT	5,020.000 X	=	=	=	=
X5610746	WM LINE STOP 6	EACH	1.000 X	=	=	=	=

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X5610748	WM LINE STOP 8	EACH	2.000 X	=	=	=	=
X5620035	WAT SER CONN 1 1/2	EACH	47.000 X	=	=	=	=
X5630006	CUT & CAP EX 6 WM	EACH	5.000 X	=	=	=	=
X5630008	CUT & CAP EX 8 WM	EACH	8.000 X	=	=	=	=
X5630010	CUT & CAP EX 10 WM	EACH	1.000 X	=	=	=	=
X5630012	CUT & CAP EX 12 WM	EACH	2.000 X	=	=	=	=
X5860110	GRANULAR BACKFILL STR	CU YD	39.000 X	=	=	=	=
X5870015	BR DK CONCRETE SEALER	SQ FT	57,719.000 X	=	=	=	=
X6011705	PIPE DRAINS 6 SPL	FOOT	161.000 X	=	=	=	=
X6022858	MAN TA SAN 4D T1F CL	EACH	39.000 X	=	=	=	=
X6026050	SANITARY MANHOLE ADJ	EACH	12.000 X	=	=	=	=
X6026054	SAN MAN REMOVED	EACH	38.000 X	=	=	=	=
X6640300	CH LK FENCE REMOV	FOOT	986.000 X	=	=	=	=
X6640560	CH LK FENCE 6 SPL	FOOT	952.000 X	=	=	=	=
X7010216	TRAF CONT & PROT SPL	L SUM	1.000 X	=	=	=	=

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X7030025	WET REF TEM TP T3 L&S	SQ FT	73.000 X	=	=	=	=
X7030030	WET REF TEM TAPE T3 4	FOOT	38,996.000 X	=	=	=	=
X7030040	WET REF TEM TAPE T3 6	FOOT	453.000 X	=	=	=	=
X7030055	WET REF TEM TPE T3 24	FOOT	80.000 X	=	=	=	=
X7040125	PIN TEMP CONC BARRIER	EACH	120.000 X	=	=	=	=
X7800455	POLYUREA PM T1 R M	SQ FT	953.000 X	=	=	=	=
X7810300	REC REF PVT MARKER	EACH	469.000 X	=	=	=	=
X7811200	TEMP RAIS REF PM B SP	EACH	54.000 X	=	=	=	=
X7830068	GRV RCSD PVT LT N SYM	SQ FT	1,853.000 X	=	=	=	=
X7830070	GRV RCSD PVT MRKG 5	FOOT	32,870.000 X	=	=	=	=
X7830072	GRV RCSD PVT MRKG 6	FOOT	24,874.000 X	=	=	=	=
X7830074	GRV RCSD PVT MRKG 7	FOOT	9,668.000 X	=	=	=	=
X7830076	GRV RCSD PVT MRKG 9	FOOT	386.000 X	=	=	=	=
X7830078	GRV RCSD PVT MRKG 13	FOOT	1,581.000 X	=	=	=	=
X7830090	GRV RCSD PVT MRKG 25	FOOT	1,048.000 X	=	=	=	=

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X8100105	CONDUIT SPLICE	EACH	1.000 X	=	=	=	=
X8140102	GROUND EX HANDHOLE	EACH	5.000 X	=	=	=	=
X8250091	COMB LTG CONTROL	EACH	1.000 X	=	=	=	=
X8410102	TEMP LIGHTING SYSTEM	L SUM	1.000 X	=	=	=	=
X8570215	FAC IN EXIST CAB	EACH	1.000 X	=	=	=	=
X8570226	FAC T4 CAB SPL	EACH	7.000 X	=	=	=	=
X8570231	FAC T5 CAB SPL	EACH	1.000 X	=	=	=	=
X8620200	UNINTER POWER SUP SPL	EACH	8.000 X	=	=	=	=
X8710024	F0CC62.5/125 MM12SM24	FOOT	2,404.000 X	=	=	=	=
X8710036	FIB OPT CBL 12F SM	FOOT	1,385.000 X	=	=	=	=
X8730106	ELCBL C SIGNAL 10 5C	FOOT	1,420.000 X	=	=	=	=
X8730571	EC C COAXIAL	FOOT	1,510.000 X	=	=	=	=
X8730800	ELCBL C VIDEO 20 4C	FOOT	1,510.000 X	=	=	=	=
X8770123	S C MAA&P 24 SPL	EACH	2.000 X	=	=	=	=
X8770125	S C MAA&P 28 SPL	EACH	1.000 X	=	=	=	=

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
X8770126	S C MAA&P 30 SPL	EACH	1.000 X				
X8770127	S C MAA&P 32 SPL	EACH	3.000 X				
X8770134	S C MAA&P 34 SPL	EACH	2.000 X				
X8770135	S C MAA&P 42 SPL	EACH	1.000 X				
X8770136	S C MAA&P 36 SPL	EACH	2.000 X				
X8770137	S C MAA&P 38 SPL	EACH	4.000 X				
X8770154	S C MAA&P 54 SPL	EACH	1.000 X				
X8772860	STL COMB MAA&P 26 SPL	EACH	5.000 X				
X8772930	STL COMB MAA&P 40 SPL	EACH	1.000 X				
X8774400	S C MAA&P DMA 22&40SP	EACH	1.000 X				
X8774402	S C MAA&P DMA 24&36SP	EACH	1.000 X				
X8774404	S C MAA&P DMA 26&34SP	EACH	1.000 X				
X8910050	ILLUMINATED SIGN SPL	EACH	4.000 X				
X8950114	MOD EX CONTR & CAB	EACH	1.000 X				
Z0001899	JACK & REM EX BEARING	EACH	124.000 X				

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
Z0001903	STRUCT STEEL REMOV	POUND	11,400.000 X	=			
Z0004522	HMA DRIVEWAY PAVT 6	SQ YD	48.000 X	=			
Z0004530	HMA DRIVEWAY PAVT 8	SQ YD	111.000 X	=			
Z0007112	C&D LEAD PT CL RES	L SUM	1.000 X	=			
Z0010501	CLEAN & PT STL BR N1	L SUM	1.000 X	=			
Z0012754	STR REP CON DP = < 5	SQ FT	2,999.000 X	=			
Z0012755	STR REP CON DP OVER 5	SQ FT	50.000 X	=			
Z0013797	STAB CONSTR ENTRANCE	SQ YD	34.000 X	=			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000 X	=			
Z0018500	DRAINAGE STR CLEANED	EACH	7.000 X	=			
Z0021904	SILICONE JT SEAL 1	FOOT	8.000 X	=			
Z0021907	SILICONE JT SEAL 1.75	FOOT	183.000 X	=			
Z0021914	SILICONE JT SEAL 2.75	FOOT	8.000 X	=			
Z0030850	TEMP INFO SIGNING	SQ FT	52.000 X	=			
Z0032700	KEYWAY REPAIR	FOOT	1,152.000 X	=			

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
Z0033020	LUM SFTY CABLE ASMBLY	EACH	4.000 X	=		=	
Z0033028	MAINTAIN LIGHTING SYS	CAL MO	12.000 X	=		=	
Z0033046	RE-OPTIMIZE SIG SYS 2	EACH	10.000 X	=		=	
Z0041895	POLYMER CONCRETE	CU FT	18.000 X	=		=	
Z0048665	RR PROT LIABILITY INS	L SUM	1.000 X	=		=	
Z0056608	STORM SEW WM REQ 12	FOOT	3,237.000 X	=		=	
Z0056611	STORM SEW WM REQ 16	FOOT	795.000 X	=		=	
Z0056612	STORM SEW WM REQ 18	FOOT	343.000 X	=		=	
Z0056616	STORM SEW WM REQ 24	FOOT	196.000 X	=		=	
Z0056622	STORM SEW WM REQ 36	FOOT	374.000 X	=		=	
Z0056900	SAN SEW 8	FOOT	40.000 X	=		=	
Z0057000	SAN SEW 10	FOOT	185.000 X	=		=	
Z0057500	SAN SEW 24	FOOT	20.000 X	=		=	
Z0062456	TEMP PAVEMENT	SQ YD	1,500.000 X	=		=	
Z0073510	TEMP TR SIGNAL TIMING	EACH	12.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
Z0076600	TRAINEES	HOUR	1,500.000 X		0.80	=	1,200.00
Z0076604	TRAINEES TPG	HOUR	1,500.000 X		15.00	=	22,500.00
Z0077700	WOOD FENCE REM & RE-E	FOOT	195.000 X			=	
20100110	TREE REMOV 6-15	UNIT	145.000 X			=	
20100210	TREE REMOV OVER 15	UNIT	74.000 X			=	
20101000	TEMPORARY FENCE	FOOT	952.000 X			=	
20101100	TREE TRUNK PROTECTION	EACH	15.000 X			=	
20101300	TREE PRUN 1-10	EACH	10.000 X			=	
20101350	TREE PRUN OVER 10	EACH	10.000 X			=	
20200100	EARTH EXCAVATION	CU YD	16,449.000 X			=	
20201200	REM & DISP UNS MATL	CU YD	1,700.000 X			=	
20700220	POROUS GRAN EMBANK	CU YD	9.000 X			=	
20800150	TRENCH BACKFILL	CU YD	8,451.000 X			=	
21001000	GEOTECH FAB F/GR STAB	SQ YD	5,800.000 X			=	
21101625	TOPSOIL F & P 6	SQ YD	6,174.000 X			=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
21301072	EXPLOR TRENCH 72	FOOT	150.000 X	=			
25000300	SEEDING CL 3	ACRE	0.250 X	=			
25000400	NITROGEN FERT NUTR	POUND	80.000 X	=			
25000600	POTASSIUM FERT NUTR	POUND	80.000 X	=			
25100635	HD EROS CONTR BLANKET	SQ YD	833.000 X	=			
25200110	SODDING SALT TOLERANT	SQ YD	5,693.000 X	=			
25200200	SUPPLE WATERING	UNIT	171.000 X	=			
28000250	TEMP EROS CONTR SEED	POUND	10.000 X	=			
28000400	PERIMETER EROS BAR	FOOT	1,369.000 X	=			
28000500	INLET & PIPE PROTECT	EACH	4.000 X	=			
28000510	INLET FILTERS	EACH	161.000 X	=			
28100105	STONE RIPRAP CL A3	SQ YD	7.000 X	=			
28100109	STONE RIPRAP CL A5	SQ YD	24.000 X	=			
28200200	FILTER FABRIC	SQ YD	31.000 X	=			
30300001	AGG SUBGRADE IMPROVE	CU YD	1,700.000 X	=			

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
30300112	AGG SUBGRADE IMPR 12	SQ YD	45,390.000 X				
31101180	SUB GRAN MAT B 2	SQ YD	6,304.000 X				
31200502	STAB SUBBASE HMA 4.5	SQ YD	651.000 X				
40600275	BIT MATLS PR CT	POUND	10,906.000 X				
40600400	MIX CR JTS FLANGEWYS	TON	33.000 X				
40600982	HMA SURF REM BUTT JT	SQ YD	117.000 X				
40600990	TEMPORARY RAMP	SQ YD	448.000 X				
40603335	HMA SC "D" N50	TON	10.000 X				
40603365	HMA SC "E" N70	TON	2,554.000 X				
40701936	HMA PAVT FD 12 3/4	SQ YD	12,416.000 X				
42000411	PCC PVT 9 1/2 JOINTD	SQ YD	28,119.000 X				
42001200	PAVEMENT FABRIC	SQ YD	28,119.000 X				
42001300	PROTECTIVE COAT	SQ YD	38,355.000 X				
42001420	BR APPR PVT CON (PCC)	SQ YD	584.000 X				
42300200	PCC DRIVEWAY PAVT 6	SQ YD	359.000 X				

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
42300400	PCC DRIVEWAY PAVT 8	SQ YD	264.000 X	=		=	
42400200	PC CONC SIDEWALK 5	SQ FT	43,676.000 X	=		=	
42400300	PC CONC SIDEWALK 6	SQ FT	4,761.000 X	=		=	
42400410	PC CONC SIDEWALK 8	SQ FT	1,684.000 X	=		=	
42400800	DETECTABLE WARNINGS	SQ FT	1,024.000 X	=		=	
44000100	PAVEMENT REM	SQ YD	41,511.000 X	=		=	
44000155	HMA SURF REM 1 1/2	SQ YD	119.000 X	=		=	
44000156	HMA SURF REM 1 3/4	SQ YD	22,908.000 X	=		=	
44000157	HMA SURF REM 2	SQ YD	1,325.000 X	=		=	
44000200	DRIVE PAVEMENT REM	SQ YD	644.000 X	=		=	
44000500	COMB CURB GUTTER REM	FOOT	15,045.000 X	=		=	
44000600	SIDEWALK REM	SQ FT	47,205.000 X	=		=	
44003100	MEDIAN REMOVAL	SQ FT	5,719.000 X	=		=	
44200966	CL B PATCH T1 10	SQ YD	3.000 X	=		=	
44200970	CL B PATCH T2 10	SQ YD	462.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
44201761	CL D PATCH T1 10	SQ YD	115.000 X	=		=	
44201765	CL D PATCH T2 10	SQ YD	688.000 X	=		=	
48203021	HMA SHOULDERS 6	SQ YD	14.000 X	=		=	
50102400	CONC REM	CU YD	47.000 X	=		=	
50104650	SLOPE WALL REMOV	SQ YD	64.000 X	=		=	
50104720	REM EXIST CONC DECK	EACH	1.000 X	=		=	
50157300	PROTECTIVE SHIELD	SQ YD	293.000 X	=		=	
50200100	STRUCTURE EXCAVATION	CU YD	76.000 X	=		=	
50300225	CONC STRUCT	CU YD	51.000 X	=		=	
50300255	CONC SUP-STR	CU YD	407.100 X	=		=	
50300260	BR DECK GROOVING	SQ YD	841.000 X	=		=	
50300300	PROTECTIVE COAT	SQ YD	927.000 X	=		=	
50500405	F & E STRUCT STEEL	POUND	44,310.000 X	=		=	
50500505	STUD SHEAR CONNECTORS	EACH	1,722.000 X	=		=	
50800205	REINF BARS, EPOXY CTD	POUND	93,900.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
50800515	BAR SPLICERS	EACH	333.000 X	=		=	
51100100	SLOPE WALL 4	SQ YD	76.000 X	=		=	
51500100	NAME PLATES	EACH	1.000 X	=		=	
52000050	PREF JOINT SEAL 4	FOOT	165.000 X	=		=	
52100010	ELAST BEARING ASSY T1	EACH	70.000 X	=		=	
52100020	ELAST BEARING ASSY T2	EACH	39.000 X	=		=	
52100510	ANCHOR BOLTS 3/4	EACH	436.000 X	=		=	
52100520	ANCHOR BOLTS 1	EACH	30.000 X	=		=	
54260311	TRAVERS PIPE GRATE	FOOT	22.000 X	=		=	
54261236	CONC ES 542001 36 1:2	EACH	1.000 X	=		=	
550A0050	STORM SEW CL A 1 12	FOOT	1,568.000 X	=		=	
550A0070	STORM SEW CL A 1 15	FOOT	80.000 X	=		=	
550A0090	STORM SEW CL A 1 18	FOOT	216.000 X	=		=	
550A0120	STORM SEW CL A 1 24	FOOT	19.000 X	=		=	
550A0160	STORM SEW CL A 1 36	FOOT	560.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
550A0340	STORM SEW CL A 2 12	FOOT	409.000 X	=		=	
550A0360	STORM SEW CL A 2 15	FOOT	234.000 X	=		=	
550A0380	STORM SEW CL A 2 18	FOOT	84.000 X	=		=	
550A0430	STORM SEW CL A 2 30	FOOT	543.000 X	=		=	
550A0450	STORM SEW CL A 2 36	FOOT	1,459.000 X	=		=	
55100400	STORM SEWER REM 10	FOOT	1,243.000 X	=		=	
55100500	STORM SEWER REM 12	FOOT	1,563.000 X	=		=	
55100700	STORM SEWER REM 15	FOOT	7.000 X	=		=	
55100900	STORM SEWER REM 18	FOOT	142.000 X	=		=	
55101200	STORM SEWER REM 24	FOOT	535.000 X	=		=	
56100900	WATER MAIN 12	FOOT	33.000 X	=		=	
56102900	D I WATER MAIN 4	FOOT	31.000 X	=		=	
56103000	D I WATER MAIN 6	FOOT	506.000 X	=		=	
56103100	D I WATER MAIN 8	FOOT	448.000 X	=		=	
56103200	D I WATER MAIN 10	FOOT	52.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
56103300	D I WATER MAIN 12	FOOT	4,439.000	X	=		
56104800	WATER VALVES 4	EACH	1.000	X	=		
56105000	WATER VALVES 8	EACH	13.000	X	=		
56105100	WATER VALVES 10	EACH	1.000	X	=		
56105200	WATER VALVES 12	EACH	11.000	X	=		
56106300	ADJ WATER MAIN 6	FOOT	50.000	X	=		
56106400	ADJ WATER MAIN 8	FOOT	100.000	X	=		
56106500	ADJ WATER MAIN 10	FOOT	100.000	X	=		
56106600	ADJ WATER MAIN 12	FOOT	100.000	X	=		
56109210	WATER VALVES ADJUST	EACH	6.000	X	=		
56201400	CORP STOPS 1	EACH	1.000	X	=		
56400500	FIRE HYDNPTS TO BE REM	EACH	13.000	X	=		
56400820	FIRE HYD W/AUX V & VB	EACH	15.000	X	=		
58100200	WATERPRF MEMBRANE SYS	SQ YD	382.000	X	=		
58300100	PC MORTAR FAIRING CSE	FOOT	1,152.000	X	=		

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
59000200	EPOXY CRACK INJECTION	FOOT	326.000 X	=	=	=	=
60107600	PIPE UNDERDRAINS 4	FOOT	14,444.000 X	=	=	=	=
60200105	CB TA 4 DIA T1F OL	EACH	9.000 X	=	=	=	=
60200805	CB TA 4 DIA T8G	EACH	1.000 X	=	=	=	=
60201105	CB TA 4 DIA T11F&G	EACH	3.000 X	=	=	=	=
60201110	CB TA 4 DIA T11V F&G	EACH	71.000 X	=	=	=	=
60201340	CB TA 4 DIA T24F&G	EACH	1.000 X	=	=	=	=
60206905	CB TC T1F OL	EACH	1.000 X	=	=	=	=
60207905	CB TC T11F&G	EACH	3.000 X	=	=	=	=
60207915	CB TC T11V F&G	EACH	65.000 X	=	=	=	=
60218400	MAN TA 4 DIA T1F CL	EACH	11.000 X	=	=	=	=
60219540	MAN TA 4 DIA T24F&G	EACH	1.000 X	=	=	=	=
60221000	MAN TA 5 DIA T1F OL	EACH	1.000 X	=	=	=	=
60221100	MAN TA 5 DIA T1F CL	EACH	71.000 X	=	=	=	=
60222000	MAN TA 5 DIA T11F&G	EACH	1.000 X	=	=	=	=

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
60223800	MAN TA 6 DIA T1F CL	EACH	8.000 X	=	=	=	=
60237470	INLETS TA T24F&G	EACH	2.000 X	=	=	=	=
60248900	VV TA 5 DIA T1F CL	EACH	25.000 X	=	=	=	=
60249010	VV TA 6 DIA T1F CL	EACH	1.000 X	=	=	=	=
60250200	CB ADJUST	EACH	2.000 X	=	=	=	=
60255500	MAN ADJUST	EACH	32.000 X	=	=	=	=
60260100	INLETS ADJUST	EACH	5.000 X	=	=	=	=
60261540	INLETS ADJ NEW T24F&G	EACH	2.000 X	=	=	=	=
60265700	VV ADJUST	EACH	14.000 X	=	=	=	=
60500040	REMOV MANHOLES	EACH	49.000 X	=	=	=	=
60500050	REMOV CATCH BAS	EACH	26.000 X	=	=	=	=
60500060	REMOV INLETS	EACH	34.000 X	=	=	=	=
60500405	FILL VALVE VLTS	EACH	16.000 X	=	=	=	=
60603800	COMB CC&G TB6.12	FOOT	14,768.000 X	=	=	=	=
60605000	COMB CC&G TB6.24	FOOT	32.000 X	=	=	=	=

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
60619600	CONC MED TSB6.12	SQ FT	5,732.000 X	=	=	=	=
63100085	TRAF BAR TERM T6	EACH	5.000 X	=	=	=	=
63200310	GUARDRAIL REMOV	FOOT	305.000 X	=	=	=	=
66407500	CH LK GATES 6X10 DBL	EACH	1.000 X	=	=	=	=
66900200	NON SPL WASTE DISPOS	CU YD	30.000 X	=	=	=	=
66900205	SPL WASTE DISPOSAL	CU YD	1,580.000 X	=	=	=	=
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000 X	=	=	=	=
66900530	SOIL DISPOSAL ANALY	EACH	2.000 X	=	=	=	=
67000400	ENGR FIELD OFFICE A	CAL MO	14.000 X	=	=	=	=
67100100	MOBILIZATION	L SUM	1.000 X	=	=	=	=
70106800	CHANGEABLE MESSAGE SN	CAL MO	24.000 X	=	=	=	=
70300100	SHORT TERM PAVT MKING	FOOT	5,000.000 X	=	=	=	=
70300210	TEMP PVT MK LTR & SYM	SQ FT	296.000 X	=	=	=	=
70300220	TEMP PVT MK LINE 4	FOOT	25,489.000 X	=	=	=	=
70300240	TEMP PVT MK LINE 6	FOOT	1,160.000 X	=	=	=	=

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
70300280	TEMP PVT MK LINE 24	FOOT	36.000 X	=	=	=	=
70300510	PAVT MARK TAPE T3 L&S	SQ FT	592.000 X	=	=	=	=
70300520	PAVT MARK TAPE T3 4	FOOT	18,334.000 X	=	=	=	=
70300540	PAVT MARK TAPE T3 6	FOOT	2,133.000 X	=	=	=	=
70300570	PAVT MARK TAPE T3 24	FOOT	521.000 X	=	=	=	=
70301000	WORK ZONE PAVT MK REM	SQ FT	30,275.000 X	=	=	=	=
70400100	TEMP CONC BARRIER	FOOT	338.000 X	=	=	=	=
70400200	REL TEMP CONC BARRIER	FOOT	250.000 X	=	=	=	=
70600240	IMP ATTN TEMP NRD TL2	EACH	2.000 X	=	=	=	=
70600340	IMP ATTN REL NRD TL2	EACH	2.000 X	=	=	=	=
72000100	SIGN PANEL T1	SQ FT	402.000 X	=	=	=	=
72400100	REMOV SIN PAN ASSY TA	EACH	31.000 X	=	=	=	=
72400310	REMOV SIGN PANEL T1	SQ FT	18.000 X	=	=	=	=
72400500	RELOC SIN PAN ASSY TA	EACH	132.000 X	=	=	=	=
72400600	RELOC SIN PAN ASSY TB	EACH	544.000 X	=	=	=	=

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
72400710	RELOC SIGN PANEL T1	SQ FT	12.000 X	=		=	
72800100	TELES STL SIN SUPPORT	FOOT	27.000 X	=		=	
72900100	METAL POST TY A	FOOT	78.000 X	=		=	
72900200	METAL POST TY B	FOOT	435.000 X	=		=	
73100100	BASE TEL STL SIN SUPP	EACH	1.000 X	=		=	
78000100	THPL PVT MK LTR & SYM	SQ FT	628.000 X	=		=	
78000200	THPL PVT MK LINE 4	FOOT	22,447.000 X	=		=	
78000300	THPL PVT MK LINE 5	FOOT	12,695.000 X	=		=	
78000400	THPL PVT MK LINE 6	FOOT	4,698.000 X	=		=	
78000500	THPL PVT MK LINE 8	FOOT	386.000 X	=		=	
78000600	THPL PVT MK LINE 12	FOOT	877.000 X	=		=	
78000650	THPL PVT MK LINE 24	FOOT	522.000 X	=		=	
78008200	POLYUREA PM T1 LTR-SY	SQ FT	1,298.000 X	=		=	
78008210	POLYUREA PM T1 LN 4	FOOT	25,025.000 X	=		=	
78008220	POLYUREA PM T1 LN 5	FOOT	12,179.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
78008230	POLYUREA PM T1 LN 6	FOOT	7,016.000 X	=		=	
78008250	POLYUREA PM T1 LN 12	FOOT	789.000 X	=		=	
78008270	POLYUREA PM T1 LN 24	FOOT	526.000 X	=		=	
78100105	RAISED REF PVT MKR BR	EACH	8.000 X	=		=	
78100200	TEMP RAIS REF PVT MKR	EACH	13.000 X	=		=	
78100300	REPLACEMENT REFLECTOR	EACH	229.000 X	=		=	
78200410	GUARDRAIL MKR TYPE A	EACH	18.000 X	=		=	
78200530	BAR WALL MKR TYPE C	EACH	15.000 X	=		=	
78201000	TERMINAL MARKER - DA	EACH	1.000 X	=		=	
78300100	PAVT MARKING REMOVAL	SQ FT	15,944.000 X	=		=	
78300200	RAISED REF PVT MK REM	EACH	222.000 X	=		=	
80500010	SERV INSTALL GRND MT	EACH	3.000 X	=		=	
80500020	SERV INSTALL POLE MT	EACH	5.000 X	=		=	
81028200	UNDRGRD C GALVS 2	FOOT	8,255.000 X	=		=	
81028210	UNDRGRD C GALVS 2 1/2	FOOT	511.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
81028220	UNDRGRD C GALVS 3	FOOT	448.000 X	=		=	
81028230	UNDRGRD C GALVS 3 1/2	FOOT	61.000 X	=		=	
81028240	UNDRGRD C GALVS 4	FOOT	2,962.000 X	=		=	
81100600	CON AT ST 2 GALVS	FOOT	54.000 X	=		=	
81300550	JUN BX SS AS 12X12X6	EACH	2.000 X	=		=	
81400100	HANDHOLE	EACH	29.000 X	=		=	
81400200	HD HANDHOLE	EACH	4.000 X	=		=	
81400300	DBL HANDHOLE	EACH	17.000 X	=		=	
81702110	EC C XLP USE 1C 10	FOOT	12,241.000 X	=		=	
82102250	LUM SV HOR MT 250W	EACH	25.000 X	=		=	
82102400	LUM SV HOR MT 400W	EACH	4.000 X	=		=	
85000200	MAIN EX TR SIG INSTAL	EACH	4.000 X	=		=	
86400100	TRANSCEIVER - FIB OPT	EACH	1.000 X	=		=	
87300925	ELCBL C TRACER 14 1C	FOOT	14,241.000 X	=		=	
87301215	ELCBL C SIGNAL 14 2C	FOOT	13,770.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
87301225	ELCBL C SIGNAL 14 3C	FOOT	13,359.000 X	=		=	
87301245	ELCBL C SIGNAL 14 5C	FOOT	11,692.000 X	=		=	
87301255	ELCBL C SIGNAL 14 7C	FOOT	10,719.000 X	=		=	
87301305	ELCBL C LEAD 14 1PR	FOOT	5,066.000 X	=		=	
87301800	ELCBL C SERV 4 2C	FOOT	431.000 X	=		=	
87301805	ELCBL C SERV 6 2C	FOOT	347.000 X	=		=	
87301900	ELCBL C EGRDC 6 1C	FOOT	5,741.000 X	=		=	
87501800	TS POST 22	EACH	1.000 X	=		=	
87502440	TS POST GALVS 10	EACH	2.000 X	=		=	
87502500	TS POST GALVS 16	EACH	2.000 X	=		=	
87702910	STL COMB MAA&P 36	EACH	1.000 X	=		=	
87702940	STL COMB MAA&P 42	EACH	3.000 X	=		=	
87800100	CONC FDN TY A	FOOT	160.000 X	=		=	
87800150	CONC FDN TY C	FOOT	28.000 X	=		=	
87800415	CONC FDN TY E 36D	FOOT	450.000 X	=		=	

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
87900200	DRILL EX HANDHOLE	EACH	9.000 X	=			
88030020	SH LED 1F 3S MAM	EACH	54.000 X	=			
88030050	SH LED 1F 3S BM	EACH	10.000 X	=			
88030070	SH LED 1F 4S BM	EACH	1.000 X	=			
88030080	SH LED 1F 4S MAM	EACH	3.000 X	=			
88030100	SH LED 1F 5S BM	EACH	24.000 X	=			
88030110	SH LED 1F 5S MAM	EACH	24.000 X	=			
88102717	PED SH LED 1F BM CDT	EACH	50.000 X	=			
88200210	TS BACKPLATE LOU ALUM	EACH	69.000 X	=			
88200410	TS BACKPLATE L F PLAS	EACH	12.000 X	=			
88500100	INDUCTIVE LOOP DETECT	EACH	13.000 X	=			
88600100	DET LOOP T1	FOOT	358.000 X	=			
88600700	PREFORM DETECT LOOP	FOOT	313.000 X	=			
88700200	LIGHT DETECTOR	EACH	19.000 X	=			
88700300	LIGHT DETECTOR AMP	EACH	8.000 X	=			

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
88800100	PED PUSH-BUTTON	EACH	50.000 X	=			
89000100	TEMP TR SIG INSTALL	EACH	8.000 X	=			
89500100	RELOC EX SIG HEAD	EACH	1.000 X	=			
89500200	RELOC EX PED SIG HEAD	EACH	2.000 X	=			
89500400	RELOC EX PED PUSH-BUT	EACH	2.000 X	=			
89502300	REM ELCBL FR CON	FOOT	5,693.000 X	=			
89502375	REMOV EX TS EQUIP	EACH	9.000 X	=			
89502376	REBUILD EX HANDHOLE	EACH	2.000 X	=			
89502380	REMOV EX HANDHOLE	EACH	75.000 X	=			
89502385	REMOV EX CONC FDN	EACH	57.000 X	=			
				TOTAL		\$	

- 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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REVISED 10/29/2015

SANITARY SERVICE REPLACEMENT

Description. This work shall consist of installing a cleanout and lining sanitary service laterals from the cleanout to the sewer main. The cleanouts shall be placed two feet inside of the right-of-way. The average distance from the cleanout to the sewer main will be approximately 10 to 12 feet.

The existing sanitary service shall be located by the Contractor prior to beginning work. The removal of the soil to install the cleanout shall be accomplished by vacuum excavation. Open cutting will not be allowed. Sidewalk, driveway, or brick paver removal and replacement will be paid for separately.

Construction Requirements. After the service has been exposed, a saddle shall be affixed to one end of a PVC riser pipe utilizing a solvent weld. A mastic adhesive/sealant shall be applied to the underside of the saddle. The pipe and saddle shall then be inserted down into the hole with the saddle end first, to snap fit onto the exterior of the sanitary service. The saddle shall then be pressed down onto the lateral pipe whereby the saddle expands under the downward force until the bottom-most portion of the saddle has surrounded more than fifty percent (50%) of the pipe diameter. Once the saddle has surrounded more than half of the pipe and passes the spring line of the pipe, the saddle retracts thus pulling downward until the saddle has snapped as it encompasses a majority of the pipe. Next, the annular space between the borehole and the riser pipe shall be filled with sand or pea gravel to within six inches (6") of the surface grade and an approved cleanout cap shall be installed.

An exfiltration test shall be performed by filling the riser pipe with a 6 foot column of water. The test shall be performed no less than 2 hours from the time of affixing the saddle to the pipe. The column of water shall be held for five minutes. The water level shall be measured from the top of the riser pipe. Zero leakage is allowed. After the leakage test has been completed, the Contractor shall cut a hole into the sanitary service using a diamond core saw. The resulting coupon from the sawing operation shall be provided to the Engineer.

Next, a one-piece cured-in-place main and lateral liner (tee liner) shall be installed to create a structurally sound connection between the sewer main and service lateral. The tee liner shall be installed without excavation from the interior of the pipeline and shall be done after the sewer main has been lined. The sewer main portion of the tee liner shall line the full circumference of the pipe for a minimum length of sixteen inches (16") and the lateral portion of the tee liner shall extend to the cleanout.

A solid brass cover with hex head bolts shall be installed at ground level over the cleanout. Upon completion, the Contractor shall provide a video of the completed work to the Engineer.

FAU 1257 (Deerfield Road)
Section No. 11-00092-00-PV
Lake County
Contract No. 63882

Basis of Payment. This work shall be paid at the contract unit price per each for
SANITARY SERVICE REPLACEMENT.