CONTRACT NO. 83856

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00194-00-RP	COOK	58	3
STA.	TO STA.			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

City of Des Plaines Project Bench Marks

No.	Elevation	Description
39	**649.58**	Monument set in concrete at S.W. corner of State St. and Wolf/Golf Rd. 18' South of E/P State and 28' West of E/P of Golf/Wolf Circle
50	**645.305**	Monument set in concrete at N.W. corner of Seegers Rd. and Fourth Ave. 13' North of E/P of Seegers and 18' West of E/P of Fourth
60	**644.55**	Monument set in concrete at N.E. corner of Algonquin Rd. and Lee/Mannheim 17' North of E/P of Algonquin and 15' East of E/P of Lee/Mannheim
68	**632.355**	Monument set in concrete on the N. side of Willow Ave. 14' North of E/P of Willow across from #1381 Willow
69	**639.665**	Monument set in concrete on the S. side of Miner/Northwest Hwy at Municipal Building 7' South of E/P of Miner/Northwest Hwy across from Municipal Building (#1420 Miner)
70	**641.765**	Monument set in concrete at N.E. corner of Dempster St. and Graceland Avenue 16' North of E/P of Graceland and 17' East of E/P of Dempster
71	**637.085**	Chiseled square on top of curb on N. side of Dempster/Thacker and on the Centerline of Cora St. extended
72	**640.74**	Monument set in concrete at N.W. corner of Algonquin Rd. and Cora St. 12' North of E/P of Algonquin and 11' West of E/P of Cora
73	**635.695**	Monument set in concrete at N.W. corner of Oakton and White Streets 10' North of EIP of Oakton and 12' West of E/P of White
74	**640.57**	Monument set in concrete on W. side of White St. at Howard Ave. 4' West of E/P of White and 16' South of Arndt Park Sign

SCHEDULE OF STORM SEWER STRUCTURES

STATION	OFFSET	REFERENCE	CATCH BASIN TYPE A 4' DIAMETER TYPE 1 FRAME OPEN LID (EACH)	CATCH BASIN TYPE C 2' DIAMETER TYPE 1 FRAME OPEN LID (EACH)	MANHOLE TYPE A 4' DIAMETER TYPE 1 FRAME CLOSED LID (EACH)	MANHOLE TYPE A 5' DIAMETER TYPE 1 FRAME CLOSED LID (EACH)
PERRY/ JEFFERSON						
2 + 11	148'	LT			1	
2 + 17	145'	LT		1		
2 + 00	0'	CL	1			
3 + 32	0'	CL		1		
6 + 50	0'	CL		1		
ASHLAND/ OAKWOOD						
3 + 20	16'	LT			1	
4 + 00	0'	CL		1		
CN RR/ CENTER						
4 + 50	34'	RT	1			
5 + 00	0'	CL	1			
6 + 40	0'	CL		1		
WALNUT/ HENRY						
3 + 37	0'	CL		1		
5 + 02	0'	CL			1	
HENRY/ CAMPBELL						
2 + 50	0'	CL		1		
6 + 50	0'	CL		1		
10 + 02	0'	CL			1	
CORA/ WHITE						
11 + 56	0'	CL		1		
WHITE/ LINDEN						
6 + 83	0'	CL		1		
CORA/ WHITE						
1 + 02	0'	CL			1	
4 + 00	0'	CL		1		
5 + 56	0'	CL		1		
7 + 33	0'	CL			1	
CIRCLE/ ILLINOIS						
2 + 40	0'	CL	1			
3 + 49	0'	CL	1			
8 + 60	0'	CL	1			
10 + 90	0'	CL			1	
CIR/IL/EVERETT PKWY					1	
IL/EVERETT PKWY					1	
IL/EVERETT PVMT						1
IL/EVERETT CURB				1		
DEANE/ ILLINOIS						
5 + 25	142'	RT	1			
5 + 26	0'	CL			1	
5 + 50	0'	CL		1		
7 + 50	0'	CL		1		
10 + 00	0'	CL		1		
PROSPECT/ STOCKTON						
2 + 08	147'	LT			1	
2 + 00	0'	CL	1			
5 + 56	0'	CL		1		
TOTALS			8	17	11	1

SUMMARY OF QUANTITIES

ITEM #	SP	DESCRIPTION	UNIT	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		CONSTRUCTION CODE -J000																	
		LIMITS			Broadway to Broadway	Yare to Seegers	Laurel to Graceland	Center to Oakwood	Alley to Henry	Center to Dead End	CN RR to Center	Campbell to Dead End	Riverview to End	Riverview to Alley	Everett to Riverview	Everett to Riverview	Circle to Circle	Deane to Howard	Orchard to Maple
		LOCATION			Golf/Broadway/NWHwy	Broadway/Seventh	Perry/Jefferson	Ashland/Oakwood	CN RR/Center	Walnut/Henry	Henry/Campbell	CN RR/Center	Cora/White	White/Linden	Illinois/Cora	Cora/White	Circle/Illinois	Deane/Illinois	Prospect/Stockton
20101100		TREE TRUNK PROTECTION	EACH	19	0	0	0	0	0	6	0	0	3	6	0	1	1	1	7
20101200		TREE ROOT PRUNING	EACH	19	0	0	0	0	0	0	0	0	3	6	0	1	1	1	7
20200100		EARTH EXCAVATION	CU YD	1634	87	87	0	132	67	32	94	56	38	82	82	75	310	252	240
20201200		REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	CU YD	164	9	9	0	14	7	3	9	6	4	8	8	8	30	25	24
20600200		GRANULAR EMBANKMENT SPECIAL	CU YD	58	0	0	58	0	0	0	0	0	0	0	0	0	0	0	0
20800150		TRENCH BACKFILL	CU YD	3064	0	0	450	80	60	45	644	0	45	55	0	645	400	490	150
21101615		TOPSOIL FURNISH & PLACE, 4"	SQ YD	3380	60	84	40	230	115	145	333	48	95	140	460	210	315	575	530
21300010	*	EXPLORATORY TRENCH SPECIAL	FOOT	856	5	5	150	50	20	30	50	0	40	60	5	70	150	120	100
25200110		SODDING SALT TOLERANT	SQ YD	3380	60	84	40	230	115	145	333	48	95	140	460	210	315	575	530
25200200		SUPPLEMENTAL WATERING	UNIT	75	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
35101600		AGGREGATE BASE COURSE TYPE B 4"	SQ YD	8891	535	720	695	905	195	170	1062	144	200	565	670	740	720	900	670
42300300		PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	8891	535	720	695	905	195	170	1062	144	200	565	670	740	720	900	670
42300200		PORTLAND CONCRETE CEMENT DRIVEWAY PAVEMENT 6"	SQ YD	1445	0	0	0	155	0	50	120	0	100	130	130	295	145	125	195
42400420	*	PORTLAND CEMENT CONCRETE SIDEWALK 4" SPECIAL	SQ FT	3530	310	125	1300	300	75	115	50	25	100	115	200	165	300	100	250
42400800	*	DETECTABLE WARNINGS	SQ FT	1080	180	100	125	100	25	25	50	25	25	50	25	50	150	50	100
44000100		PAVEMENT REMOVAL	SQ YD	9290	550	750	790	930	65	190	1030	0	235	575	700	760	855	1075	785
44000200		DRIVEWAY PAVEMENT REMOVAL	SQ YD	1175	0	0	0	135	0	50	0	0	100	0	130	295	145	125	195
44000500		COMBINATION CURB AND GUTTER REMOVAL	FOOT	1780	125	130	210	150	80	30	25	30	100	90	100	175	305	20	210
44000600		SIDEWALK REMOVAL	SQ FT	4705	490	225	1520	400	100	140	100	50	125	165	225	215	450	150	350
44100300	*	PAVEMENT REPLACEMENT SPECIAL	SQ YD	928	20	23	70	30	65	20	33	7	35	10	20	170	130	175	120
54248510		CONCRETE COLLAR	CU YD	8	0	0	0	0	0	2	2	0	0	0	0	2	2	0	0
55019500		STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	1031	0	0	0	220	0	0	0	0	0	0	0	181	280	0	350
55021600		STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	3699	0	0	610	0	81	165	752	0	181	0	0	635	485	630	160
55024000		STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 21"	FOOT	10	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0
55024100		STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
55024200		STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 27"	FOOT	20	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0
60200105	*	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8	0	0	1	0	2	0	0	0	0	0	0	0	3	1	1
60206905	*	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	17	0	0	3	1	1	1	2	0	1	1	0	2	1	3	1
60218400	*	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	0	0	1	1	0	1	1	0	0	0	0	2	3	1	1
60221100	*	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
60250400	*	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	7	1	2	0	2	0	0	0	0	0	1	0	0	0	0	1
60253000	*	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
60255800	*	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
60258200	*	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0
60500050		REMOVING CATCH BASINS	EACH	5	0	0	0	1	1	0	0	0	0	0	0	2	1	0	0
60500040		REMOVE MANHOLES	EACH	3	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
60603800	*	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2397	170	130	430	130	80	50	92	30	100	90	100	175	305	185	330
60600605	*	CONCRETE CURB, TYPE B	FOOT	80	0	0	0	80	0	0	0	0	0	0	0	0	0	0	0
67100100	*	MOBILIZATION	L SUM	1	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
70102640	*	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
72400500	*	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
X0323455	*	ADJUST MONITORING WELLS	EACH	6	0	0	0	6	0		0	0	0	0	0	0	0	0	0
X5510100	*	STORM SEWER REMOVAL	FOOT	460	0	0	145	0	20	10	20	0	0	0	0	235	20	0	10
X0000372	*	TEMPORARY AGGREGATE	TON	165	20	20	10	10	5	10	30	10	5	5	5	5	10	10	10
X0004238	*	BITUMINOUS DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	1539	180	70	265	350	0	0	29	0	15	120	105	100	85	200	20
X0005631	*	UTILITY STRUCTURES TO BE ADJUSTED	EACH	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
X0005687	*	STORM SEWER, DUCTILE IRON PIPE, CLASS 52 6"	FOOT	315	0	0	0	0	0	0	0	0	0	315	0	0	0	0	0
X0005688	*	STORM SEWER, DUCTILE IRON PIPE, CLASS 52 8"	FOOT	140	0	0	0	0	140	0	0	0	0	0	0	0	0	0	0
X0006425	*	RESTORATION	SQ YD	171	0	0	0	10	15	20	12	4	0	5	25	60	20	0	0
Z0013798	*	CONSTRUCTION LAYOUT	L SUM	1	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Z0048665	*	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0	0	0	0	0	0.25	0.25	0.25	0	0	0	0	0	0.25	0
Z0076600	*	TRAINEES	HOUR	500	30	30	30	30	30	30	30	30	30	30	40	40	40	40	40
~~X0011112~~	*	SANITARY SEWER REPAIR 27"	FOOT	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0

* INDICATES SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CITY OF DES PLAINES – ALLEY IMPROVEMENTS

SUMMARY OF QUANTITIES
PROJECT BENCHMARKS

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'

DATE 2-17-06

DRAWN BY BLS

CHECKED BY AJD

PLOT DATE = 2/13/2006 3:18:41 PM
FILE NAME = V:\ENGINEERING\LAND PROJECTS 2006\PFI 25 00194-00 RP.DWG
PLOT SCALE = 1' = 20'
USER NAME = JCLOCKLES