

APPENDIX D

**CONSTRUCTION COST ESTIMATES
AND RIGHT-OF-WAY IMPACTS**

MUNICIPALITY OF ANCHORAGE
DEPARTMENT OF PUBLIC WORKS
100TH AVENUE EXTENSION
01-009

Schedule A: IOOTH AVENUE EXTENSION

Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
1a	20.02	Clearing and Grubbing \$5,000/AC	1 L.S.	\$17,000.00	\$17,000.00
2a	20.04	Usable Excavation	700 C.Y.	\$10.00	\$7,000.00
3a	20.04	Unusable Excavation	31,614 C.Y.	\$5.50	\$173,877.00
4a	20.05	Type II Classified Fill and Backfill	54,300 Ton	\$11.00	\$597,300.00
5a	20.05	Type II-A Classified Fill and Backfill	34,000 Ton	\$12.00	\$408,000.00
6a	20.05	Type III Classified Fill and Backfill	2 Ton	\$15.00	\$30.00
7a	20.06 01-009	Leveling Course	3,530 Ton	\$16.00	\$56,480.00
8a	20.17 01-009	Remove Existing Sidewalk and Concrete Apron	16 S.Y.	\$25.00	\$400.00
9a	20.18 01-009	Remove Existing Curb and Gutter	565 L.F.	\$5.00	\$2,825.00
10a	20.19 01-009	Remove Existing Pavement	670 S.Y.	\$2.50	\$1,675.00
11a	20.22	Geotextile (Separation)	34,200 S.Y.	\$2.00	\$68,400.00
	20.32	Silt Fence	7,000 L.F.	\$6.00	\$42,000.00
12a	30.02 01-009	P.C.C. Curb and Gutter (All Types)	6,283 L.F.	\$13.00	\$81,094.00
13a	30.03 01-009	P.C.C. Sidewalk (4" Thick)	582.8 S.Y.	\$45.00	\$26,226.00

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Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
13a	30.03 01-009	P.C.C. Sidewalk (6" Thick)	38.0 S.Y.	\$50.00	\$1,900.00
14a	30.07 01-009	P.C.C. Curb Ramps	4 Ea.	\$950.00	\$3,800.00
15a	40.02 01-009	A.C. Pavement (Class D) 2"	3,150 Ton	\$50.00	\$157,500.00
16a	40.02 01-009	A.C. Pavement (Class E) 3"	3,380 Ton	\$45.00	\$152,100.00
17a	65.02 01-009	Construction Survey Measurement	1 L.S.	\$42,000.00	\$42,000.00
18a	65.02 01-009	Survey Monument Installed in Monument Case	4 Ea.	\$450.00	\$1,800.00
19a	65.02 01-009	Survey Monument Installed	6 Ea.	\$350.00	\$2,100.00
20a	70.02	Adjust Manhole Cone to Finish Grade	1 Ea.	\$900.00	\$900.00
21a	70.03	Adjust Manhole Ring to Finish Grade	1 Ea.	\$300.00	\$300.00
22a	70.14	Reset Fence	344 L.F.	\$35.00	\$12,040.00
23a	70.18 01-009	Insulation Board (R=9)	75,000 S.F.	\$1.10	\$82,500.00
23a	70.18 01-009	Insulation Board (R=12)	182,642 S.F.	\$1.10	\$200,906.20
24a	70.21 01-009	Traffic Maintenance	1 L.S.	\$31,000.00	\$31,000.00
25a	75.06	Double Sliding Gate (36')	1 L.S.	\$1,900.00	\$1,900.00

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Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
26a	75.06	Chain Link Fence	664 L.F.	\$50.00	\$33,200.00
		Total Schedule A			\$2,206,253.20

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Schedule B: IOOTH AVENUE EXTENSION STORM DRAIN

Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
1b	20.05	Type II Classified Fill and Backfill	251 Ton	\$20.00	\$5,020.00
2b	20.07 01-009	Trench Excavation and Backfill (12" pipe)	350 L.F.	\$15.00	\$5,250.00
3b	20.07 01-009	Trench Excavation and Backfill (18" pipe)	2600 L.F.	\$14.00	\$36,400.00
4b	20.11 01-009	Furnish Bedding Material (Class C), 12" Pipe	350 L.F.	\$3.50	\$1,225.00
5b	20.11 01-009	Furnish Bedding Material (Class C), 18" Pipe	2600 L.F.	\$20.00	\$52,000.00
6b	20.13	Disposal of Unsuitable or Surplus Material	251 C.Y.	\$5.00	\$1,255.00
7b	20.14	Mechanical Compaction	851 L.F.	\$2.00	\$1,702.00
8b	55.02 01-009	Furnish and Install Pipe (12" CPEP, Type S)	350 L.F.	\$20.00	\$7,000.00
9b	55.02 01-009	Furnish and Install Pipe (18" CPEP, Type S)	2600 L.F.	\$25.00	\$65,000.00
10b	55.04 01-009	Construct Manhole with Field Inlet (Type I)	8 Ea.	\$2,800.00	\$22,400.00
11b	55.04 01-009	Construct Manhole (Type I)	18 Ea.	\$3,000.00	\$54,000.00
12b	55.05	Connections to Existing Manholes	2 Ea.	\$1,500.00	\$3,000.00

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Schedule B: IOOTH AVENUE EXTENSION STORM DRAIN

Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
13b	55.06	Construct Catch Basin	21 Ea.	\$2,100.00	\$44,100.00
	55.12	Furnish & Install Culver, 18" CPEP	240	\$40.00	\$9,600.00
15b	65.02 01-009	Construction Survey Measurement	1 L.S.	\$6,400.00	\$6,400.00
17b	70.25 01-009	Remove Existing Pipe	2 L.F.	\$10.00	\$20.00
		Total Schedule B			\$314,372.00

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Schedule C: IOOTH AVENUE EXTENSION SIGNING, STRIPING, AND ILLUMINATION

Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (4" White)	8,600 L.F.	\$2.00	\$17,200.00
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (8" White)	750 L.F.	\$4.00	\$3,000.00
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (24" White)	400 L.F.	\$10.00	\$4,000.00
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (4" Yellow)	8,600 L.F.	\$2.00	\$17,200.00
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (ONLY)	10 EA.	\$120.00	\$1,200.00
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (ARROW)	7 EA.	\$100.00	\$700.00
1d	70.19 01-009	Methyl Methacrylate Traffic Markings (Speed Table Approach Markings)	3 EA.	\$250.00	\$750.00
2d	70.20 01-009	Standard Sign	100 S.F.	\$100.00	\$10,000.00
3d	80.02	Trench and Backfill (All widths and depths)	4,400 L.F.	\$6.00	\$26,400.00
4d	80.04	Driven Pile Luminaire Pole Foundations	28 Ea.	\$1,250.00	\$35,000.00
	80.05	Traffic Signal System Complete at 100 th Avenue and C Street	1 L.S.	\$150,000.00	\$150,000.00
5d	80.05	35 Ft. Fixed Base Luminaire Pole	28 Ea.	\$2,800.00	\$78,400.00
6d	80.06	Luminaire Arm, 12 Ft. Length	28 Ea.	\$350.00	\$9,800.00

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100TH AVENUE EXTENSION
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Schedule C: 100TH AVENUE EXTENSION SIGNING, STRIPING, AND ILLUMINATION

Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
7d	80.07	(2") Steel Conduit	4,400 L.F.	\$9.00	\$39,600.00
8d	80.08 01-009	Type 1A Junction Box	29 Ea.	\$400.00	\$11,600.00
9d	80.10	3 Conductor, #8 AWG XHHW, Illumination	4,400 L.F.	\$2.50	\$11,000.00
10d	80.10	1 Conductor, #8 AWG Bare, Ground	4,400 L.F.	\$1.10	\$4,840.00
11d	80.14	Post-Mounted Load Center, Type 2	1 Ea.	\$3,200.00	\$3,200.00
12d	80.23	Luminaire, 400W, M-C, Type III	28 Ea.	\$310.00	\$8,680.00
		Total Schedule C			\$432,570.00

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Schedule D: IOOTH AVENUE EXTENSION LANDSCAPING - PHASE II MINNESOTA DRIVE - STA 40+00

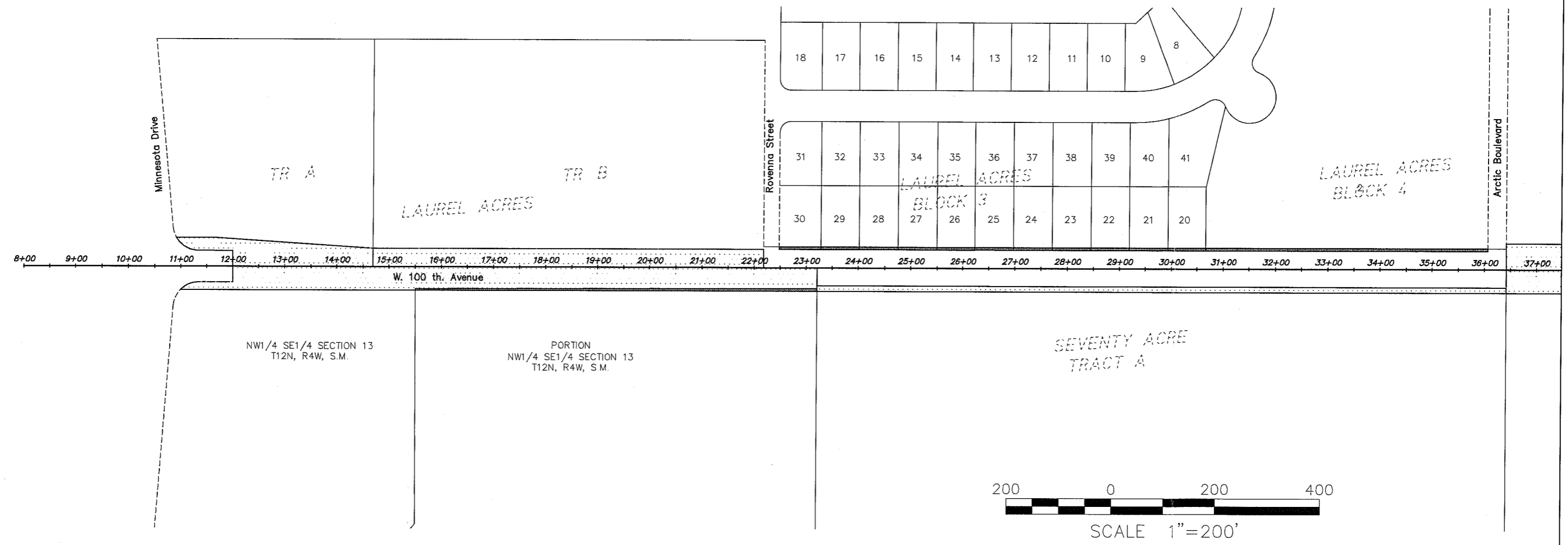
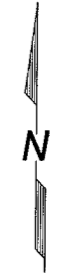
Item No.	Spec. No.	Work Description	Estimated Quantity	Unit Bid Price	Total Bid Price
1e	75.02 01-009	Shrubs, Mugho Pine, 24" spread. (Pinus mugho mughus)	2 Ea.	\$60.00	\$120.00
2e	75.02 01-009	Shrubs, Ural False Spirea, 24" Ht. (Sorbaria sorbifolia)	2 Ea.	\$45.00	\$90.00
3e	75.02 01-009	Shrubs, Siberian Peashrub, 24" Ht. (Caragana arborescens)	2 Ea.	\$45.00	\$90.00
4e	75.02 01-009	Shrubs, Rugosa Rose, 24" Ht. (Rosa rugosa)	2 Ea.	\$45.00	\$90.00
5e	75.02 01-009	Landscape Edging	2 L.F.	\$4.00	\$8.00
6e	75.04 01-009	Topsoil (at 4" depth)	2 M.S.F.	\$300.00	\$600.00
7e	75.05 01-009	Seeding (Schedule A)	2 M.S.F.	\$200.00	\$400.00
Total Schedule D					\$1,398.00

Subtotal (Schedule A+B+C+D)	\$2,954,593
Contingency (15%)	\$443,188
Right-of-Way	<u>\$1,003,520</u>
Total Cost	\$4,401,301

**100th Avenue Extension
Minnesota Drive to King Street
#01-009
Right-of-Way Data**

PARCEL	DRAFT	OWNER	LOT	BLOCK	OUT	SUBD/SECT	TX #	(SURVEY) DEVELOPMENT	APPROX. ROW (sf)	TCP (SF)	REASON
1		STATE OF ALASKA	NW4SE4	POR		T12N R4W SEC13	012-611-03		48692	NO	
2		CIRI	NW4SE4	POR		T12N R4W SEC13	012-611-01		3072	NO	
3		MOA PARKS CULTURAL & RECREATION SERVICES	TR A			SEVENTY ACRE	012-611-02	YES	14075	NO	
4		WALLACE MARTENS	3			T12N R3W SEC 18	016-042-40	YES	32493	3000	Driveway (50'X60')
5		MOA PUBLIC WORKS DEPARTMENT	3			T12N R3W SEC 18, E40'	016-042-41		0	NO	
6		NORCON	NE4SW4			T12N R3W SEC 18	016-042-02	YES	41152	3000	Driveway (50'X60')
7		VECO-(OLGA CARSON) CULFABCO (Por of Veco parcel)	SE4NW4			T12N R3W SEC 18	016-301-01	Existing	14852	3000	Driveway (50'X60')
8		VECO CORPORATION	SE4NW4			T12N R3W SEC 18	016-301-01		36360	3000	Driveway (50'X60')
9		MOA PUBLIC WORKS DEPARTMENT	2			T12N R3W SEC 18	016-301-02		36097	NO	
10		YOLANDA CLARY & PHILLIP CLARY	2	4		LAUREL ACRES	012-504-23	YES	2700	NO	
11		WILLIAM MODROK JR. & LEE MODROK	20	3	*	LAUREL ACRES	012-504-22	NO	369	NO	
12		PATRICIA ANN MONSAAS	21	3	*	LAUREL ACRES	012-504-21		369	NO	
13		DONALD G. CASWELL & DOLLY L. CASWELL	22	3		LAUREL ACRES	012-504-20	YES	369	NO	
14		CHRISTINE PODLEJSKI	23	3		LAUREL ACRES	012-504-19		369	NO	
15		MOA TAX DEED (DELETED)	24	3		LAUREL ACRES	012-504-18		369	NO	
16		IDER ENTERPRISES INC.	25	3		LAUREL ACRES	012-504-17		369	NO	
17		IDER ENTERPRISES INC.	26	3		LAUREL ACRES	012-504-16		369	NO	
18		IDER ENTERPRISES INC.	27	3		LAUREL ACRES	012-504-15		369	NO	
19		EMERY J. GUNTER & LUCILLE H. GUNTER REV TRUST	28	3		LAUREL ACRES	012-504-14	YES	369	NO	
20		EMERY J. GUNTER & LUCILLE H. GUNTER REV TRUST	29	3		LAUREL ACRES	012-504-13	YES	369	NO	
21		EMERY J. GUNTER & LUCILLE H. GUNTER REV TRUST	30	3		LAUREL ACRES	012-504-12	YES	400	NO	
22		ANCHORAGE CHRISTIAN CENTER INC.	TR B			LAUREL ACRES	012-502-01	YES	18562	3000	Driveway (50'X60')
23		ANCHORAGE CHRISTIAN CENTER INC.	TR A			LAUREL ACRES	012-502-02	YES	14101	3000	Driveway (50'X60')

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LEGEND

PROPOSED ROW

<p>MUNICIPALITY OF ANCHORAGE PROJECT MANAGEMENT & ENGINEERING PROJECT 01-009</p>	<p>USKH Architecture • Engineering Land Surveying • Planning</p>
	<p>ACCT. NO:</p> <p>FIGURE:</p> <p>DATE: APRIL 2005</p> <p>CHECKED:</p> <p>DRAWN:</p>
<p>100th AVENUE EXTENSION MINNESOTA DRIVE TO KING STREET</p> <p>RIGHT OF WAY</p>	

Plotted: Thursday, Apr 14, 2005, 2:03pm

Plotted by: cpamnone

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AUREL ACRES
BLOCK 4

Arctic Boulevard

T12N, R3W, SECTION 18
LOT 2

UNSUBDIVIDED
SE1/4 NW1/4

T12N, R3W, SECTION 18
LOT 3

UNSUBDIVIDED
T12N, R3W, SEC 18
NE1/4 SW1/4

34+00 35+00 36+00 37+00 38+00 39+00 40+00 41+00 42+00 43+00 44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00 58+00 59+00 60+00 61+00 61+76.01

W. 100th Avenue

DOT RIGHT-OF-WAY

C Street



King Street

200 0 200 400

SCALE 1"=200'



LEGEND

-  PROPOSED ROW
-  EXISTING ROW



MUNICIPALITY OF ANCHORAGE
PROJECT MANAGEMENT & ENGINEERING
PROJECT 01-009

100th AVENUE EXTENSION
MINNESOTA DRIVE TO KING STREET

RIGHT-OF-WAY

USKH Architecture • Engineering
Land Surveying • Planning

ACCT. NO:

FIGURE:

DATE: APRIL 2005

CHECKED:

DRAWN: