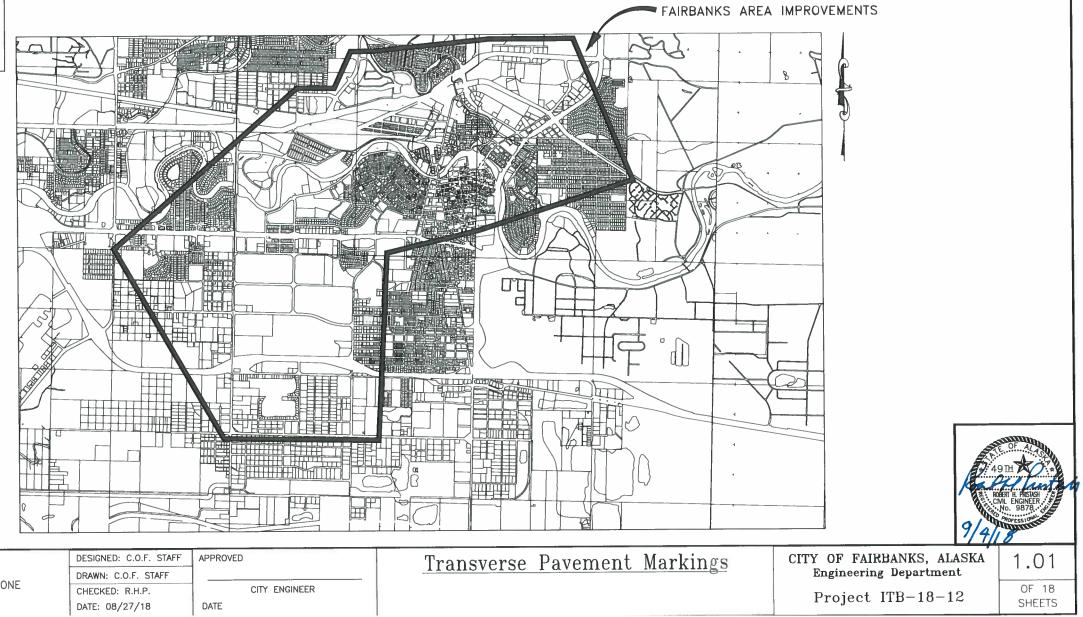


CITY OF FAIRBANKS ENGINEERING DEPARTMENT

PROPOSED HIGHWAY PROJECT

ITB 18-12

TRANSVERSE PAVEMENT MARKINGS



			-	DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Mark
				DRAWN: C.O.F. STAFF		Transverbe ravemente mark
<u>_</u>			SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER	
DATE	REVISION	BY		DATE: 08/27/18	DATE	

	INDEX OF SHEETS
SHEET NO.	DESCRIPTION
1.01	TITLE SHEET
2.01	ESTIMATE OF QUANTITES AND SUMMARY
3.01	INDEX SHEET
3.02-3.16	PROJECT LAYOUTS & STRIPING SUMMARY

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT: T-20.03, T-21.03, T-22.03, T-23.00

ESTIMATE OF QUANTITIES

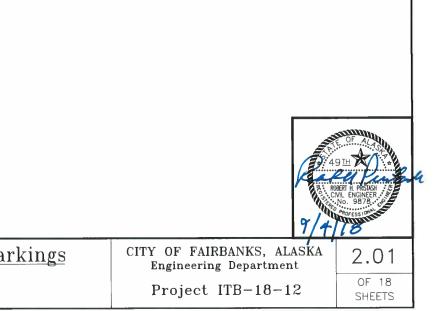
ITEM NO.	PAY ITEM	PAY UNIT	QUANTITY
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
670(1-A)	PAINTED TRAFFIC MARKINGS - ARROW	EACH	212
670(1-B)	PAINTED TRAFFIC MARKINGS - 18 INCH DIAGONAL ISLAND STRIPING - YELLOW	SQUARE FOOT	1784
670(1-C)	PAINTED TRAFFIC MARKINGS - 18 INCH DIAGONAL ISLAND STRIPING - WHITE	SQUARE FOOT	186
670(1-D)	PAINTED TRAFFIC MARKINGS - SPEED HUMP	EACH	110
670(1-E)	PAINTED TRAFFIC MARKINGS - 24 INCH STANDARD CROSSWALKS	SQUARE FOOT	11438
670(1-F)	PAINTED TRAFFIC MARKINGS - 24 INCH STOP BAR	SQUARE FOOT	1608

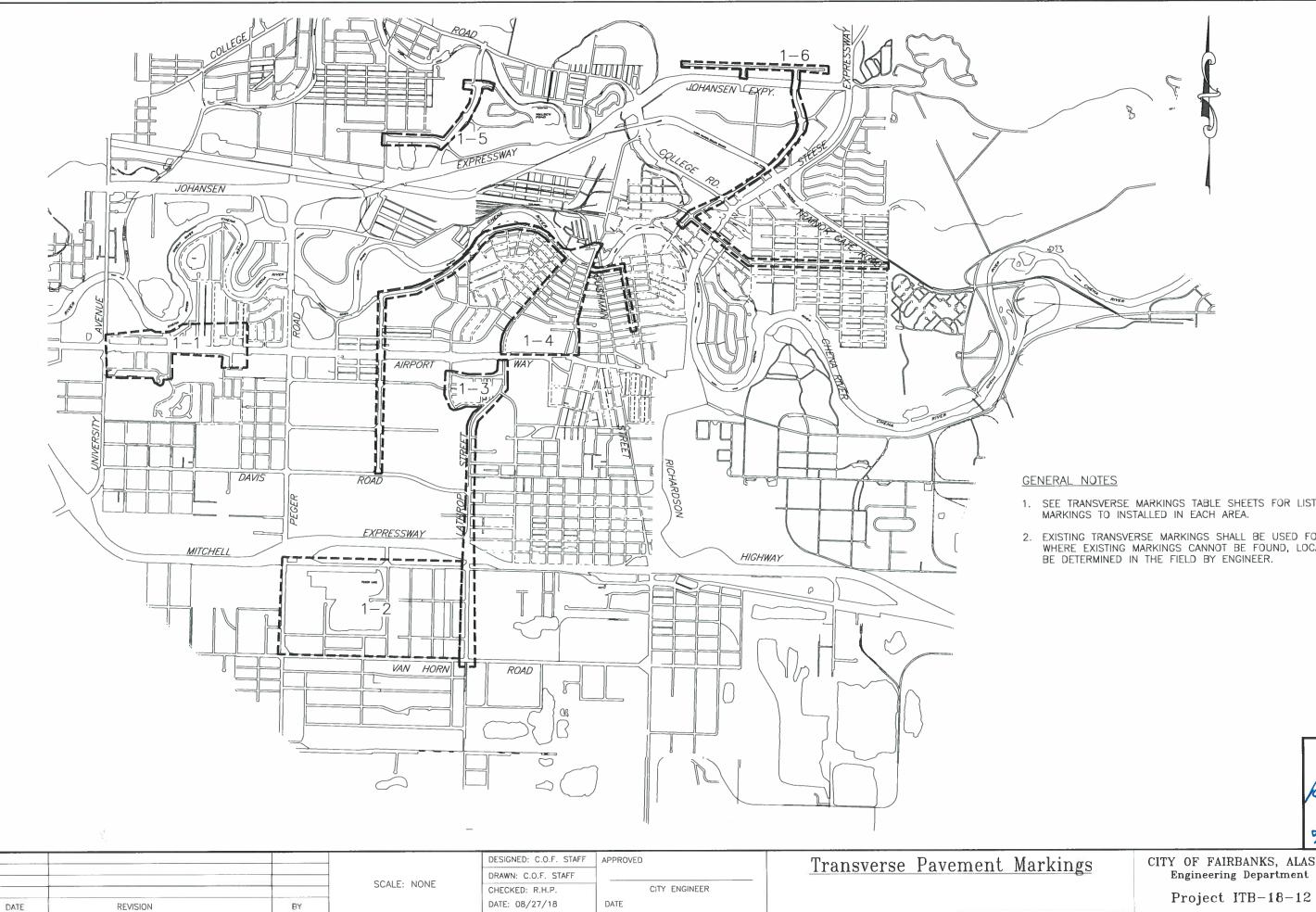
ESTIMATE OF QUANTITIES - ALTERNATE

ITEM NO.	PAYITEM	PAY UNIT	QUANTITY
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
670(1-G)	MMA PAVEMENT MARKINGS ARROW INLAID	EACH	212
670(1-H)	MMA PAVEMENT MARKINGS 18 INCH DIAGONAL ISLAND STRIPING YELLOW INLAID	SQUARE FOOT	1784
670(1-J)	MMA PAVEMENT MARKINGS 18 INCH DIAGONAL ISLAND STRIPING WHITE INLAID	SQUARE FOOT	186
670(1-K)	MMA PAVEMENT MARKINGS SPEED HUMP INLAID	EACH	110
670(1-L)	MMA PAVEMENT MARKINGS 24 INCH STANDARD CROSSWALKS INLAID	SQUARE FOOT	11438
670(1-M)	MMA PAVEMENT MARKINGS 24 INCH STOP BAR INLAID	SQUARE FOOT	1608

02:38pr	ŀ
04/Sep/18	

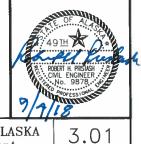
				DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Ma		
	(1) (*3)		SCALE: NONE	DRAWN: C.O.F. STAFF				
			SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER			
DATE	REVISION	BY		DATE: 08/27/18	DATE			





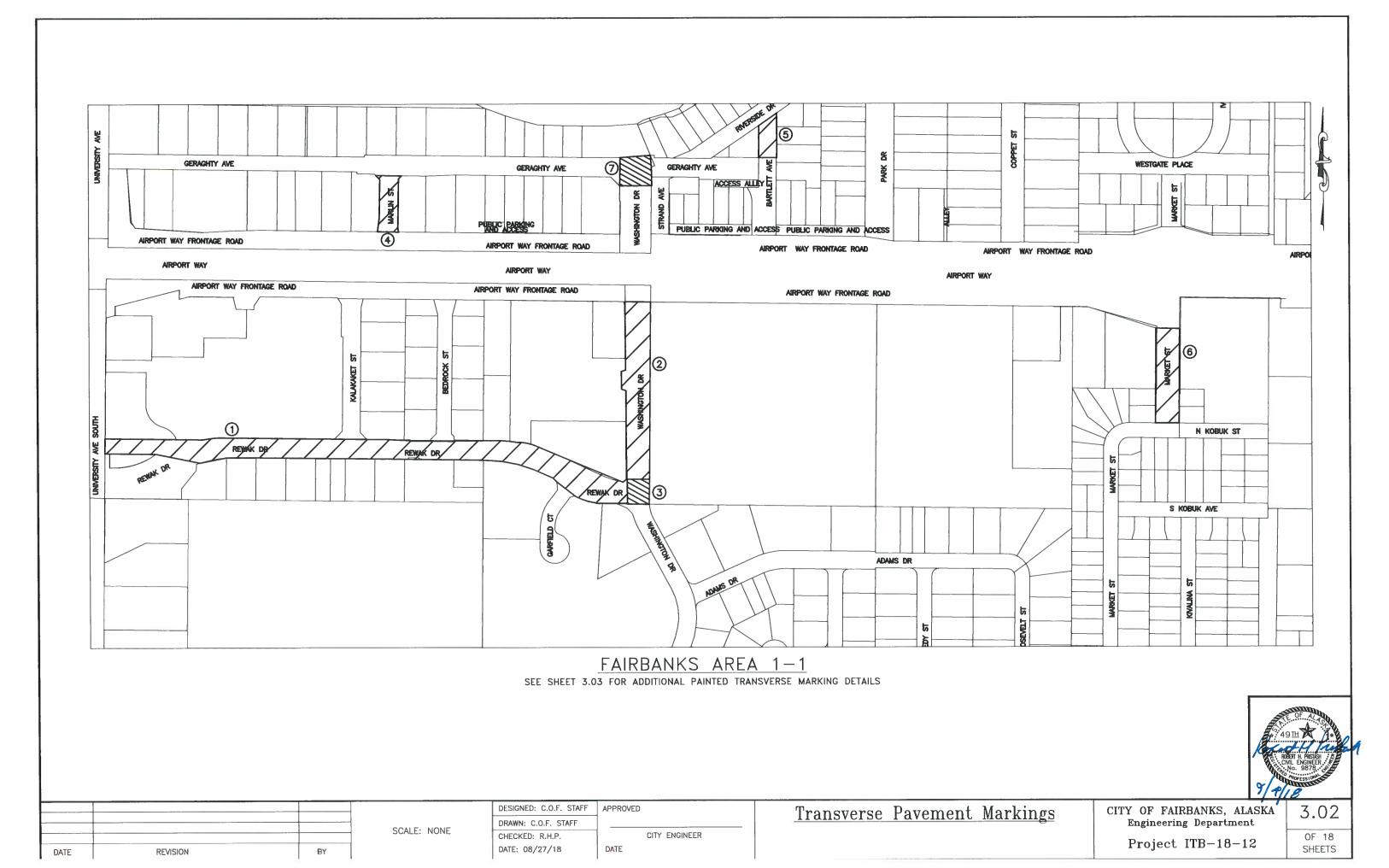
1. SEE TRANSVERSE MARKINGS TABLE SHEETS FOR LIST OF MARKINGS TO INSTALLED IN EACH AREA.

2. EXISTING TRANSVERSE MARKINGS SHALL BE USED FOR LAYOUT. WHERE EXISTING MARKINGS CANNOT BE FOUND, LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER.



CITY OF FAIRBANKS, ALASKA Engineering Department

OF 18 SHEETS



				DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Marki
			SCALE: NONE	DRAWN: C.O.F. STAFF CHECKED: R.H.P.	CITY ENGINEER	
DATE	REVISION	BY		DATE: 08/27/18	DATE	

SEE SHEET 3.02 FOR GENERAL STREET LOCATION

FAIRBANKS AREA 1-1

NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	24" CROSSWALKS (EACH)	24" CROSSWALKS (LF)	24" STANDARD CROSSWALKS (SF)	RIGHT/LEFT ARROWS (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (LF)	18" DIAGONAL ISLAND STRIPING - YELLOW (SF)	24" WHITE STOP BAR (EACH)	24" WHITE STOP BAR (LF)	24" WHITE STOP BAR (SF)	LOCATION GUIDELINES
1	Paint	Rewa	ak Drive	-	2	162	324	0	2	260	390	1	14	28	University Avenue to Washington Drive
2	Paint	Washin	gon Drive	-	0	0	0	2	0	0	0	1	27	54	Airport Road to Adams Drive
	Paint			North Leg	0	0	0	3	0	0	0	1	40	80	East leg of intersection no
		1	Washington	South Leg	1	90	180	0	0	0	0	0	0	0	
3		Rewak Drive	Drive	West Leg	1	109	218	2	0	0	0	0	0	0	
			DINC	East Leg	-	-	-	-	-	-	-	-	-	-	Niger minimized
				Intersection Total	2	199	398	5	0	0	0	1	40	80	
4	Paint	Mari	in Street	-	0	0	0	0	0	0	0	1	17	34	Airport Way to Geraghty Avenue
5	Paint	Barth	ett Drive	-	0	U	0	0	0	0	0	1	12	24	Geraghty Avenue to Riverside Drive
6	Paint	Mark	et Street	-	0	0	0	1	0	0	0	0	0	0	Airport Frontage Road to N. Kobuk Avenue
				North Leg	-	-	-	-		-	-	-	-	-	
		Camality		South Leg	0	0	0	4	0	0	0	0	0	Ó]
	Paint	Geraghty	Strand Drive	West Leg	0	0	0	0	0	0	0	1	18	36	
		Avenue		East Leg	0	0	0	0	0	0	0	1	20	40	0
				Intersection Total	0	0	0	4	0	0	0	2	38	76	
				TOTAL	6	560	1120	21	2	260	390	10	226	452	

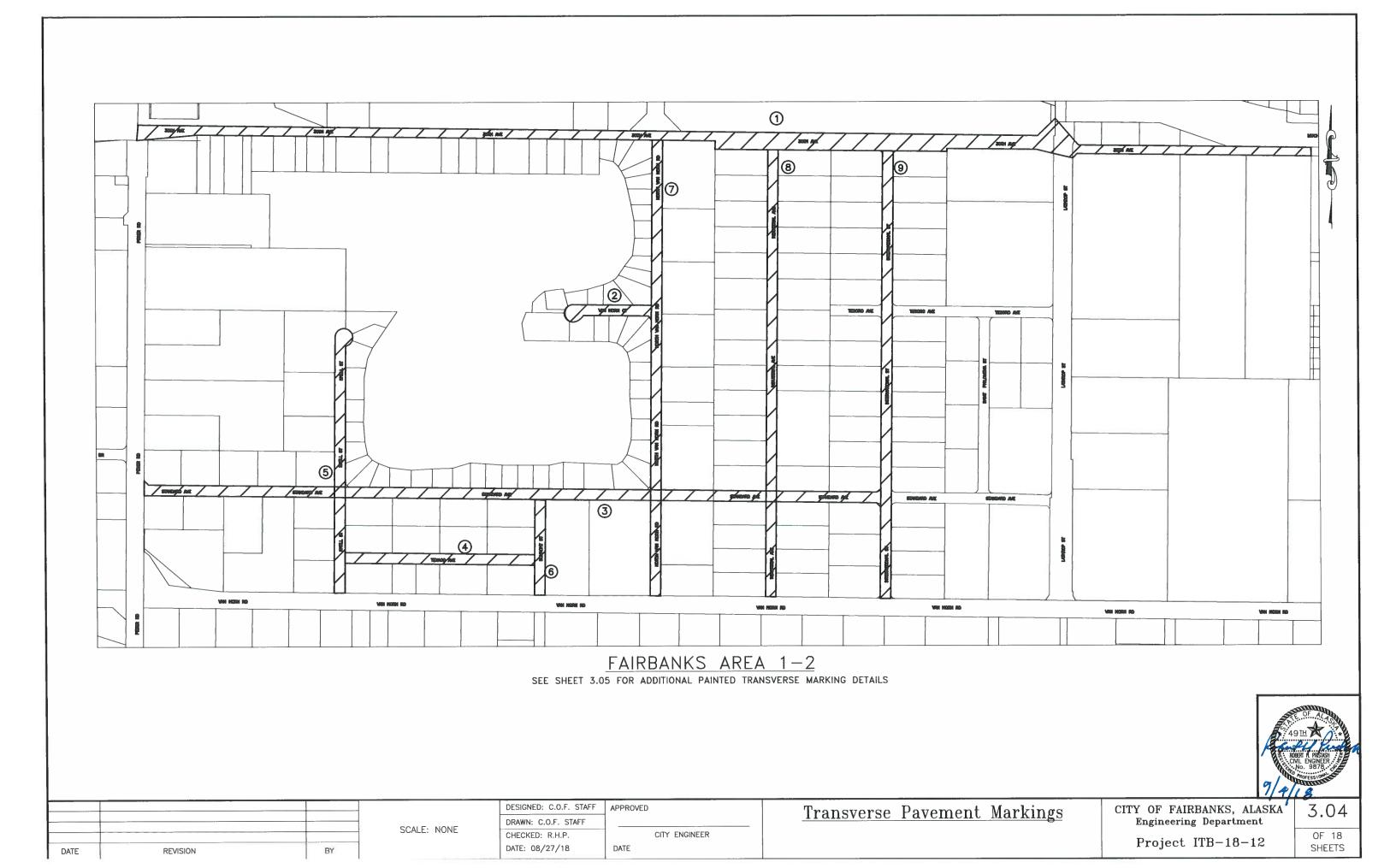


<u>kings</u>

CITY OF FAIRBANKS, ALASKA Engineering Department

OF 18 SHEETS

Project ITB-18-12

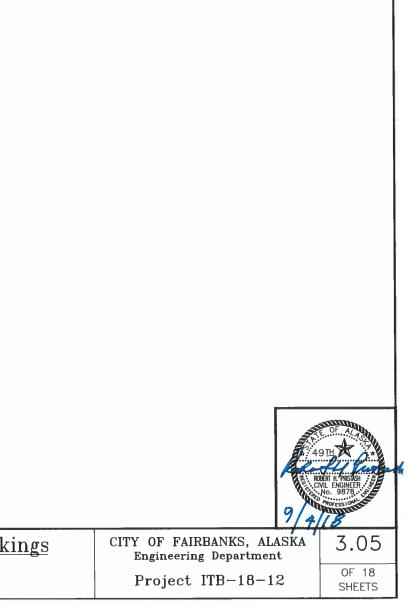


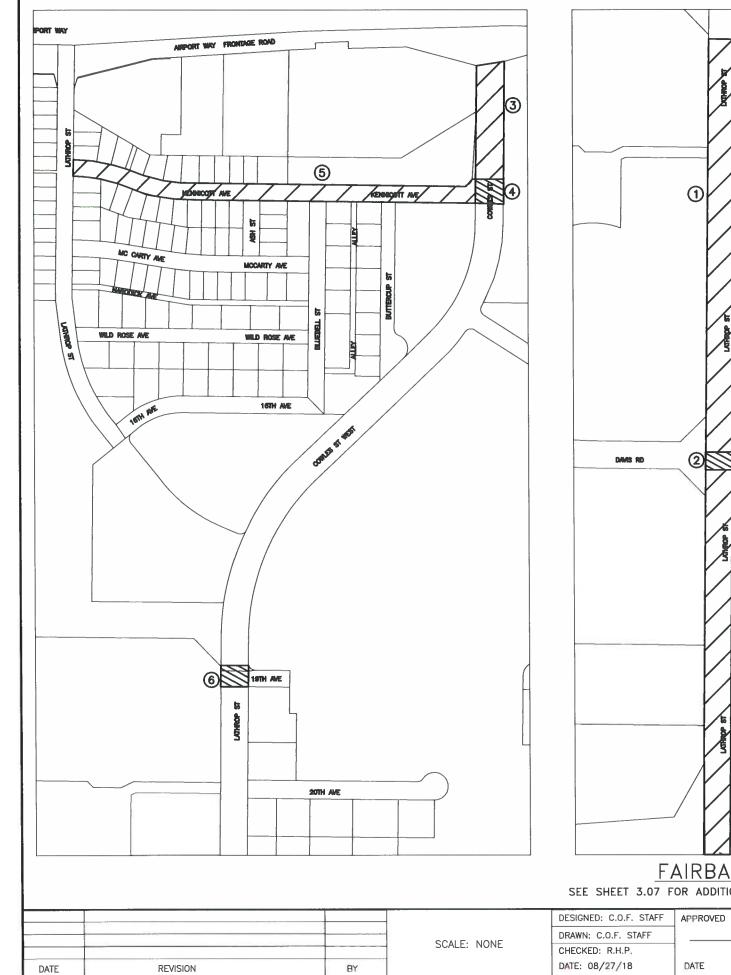
NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (LF)	18" DIAGONAL ISLAND STRIPING - YELLOW (SF)	24" WHITE STOP BAR (EACH)	24" WHITE STOP BAR (LF)	24" WHITE STOP BAR (SF)	LOCATION GUIDELINES
\bigcirc	Paint	30th	Avenue	1	188	282	1	25	50	Peger Road to Old Richardson Highway
2	Paint	Vanhorn Court		0	0	0	1	17	34	N. Vanhorn Street to Dead End
3	Paint	Standard Avenue		0	0	0	5	87	174	Peger Road to International
(4)	Paint	Техасо Ауспис		0	0	0	2	32	64	Shell Street to Schacht Street
(\mathbf{S})	Paint	She	I Street	0	0	0	3	50	100	Vanhorn Road to Dead End
6	Paint	Schao	cht Street	0	0	0	1	19	38	Standard Avenue to Vanhorn Road
\overline{O}	Paint	N. Van	hom Street	0	0	0	3	53	106	30th Avenue to Vanhorn Road
(8)	Paint	Industrial Avenue		0	0	0	1	20	40	31st Avenue to Vanhorn Road
\bigcirc	Paint	International Street		0	0	0	1	22	44	32nd Avenue to Vanhorn Road
			TOTAL:	1	188	282	18	325	650]

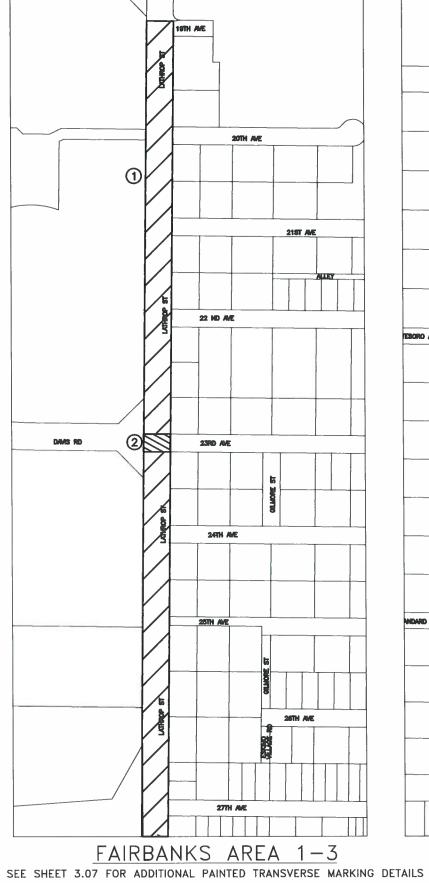
FAIRBANKS AREA 1-2

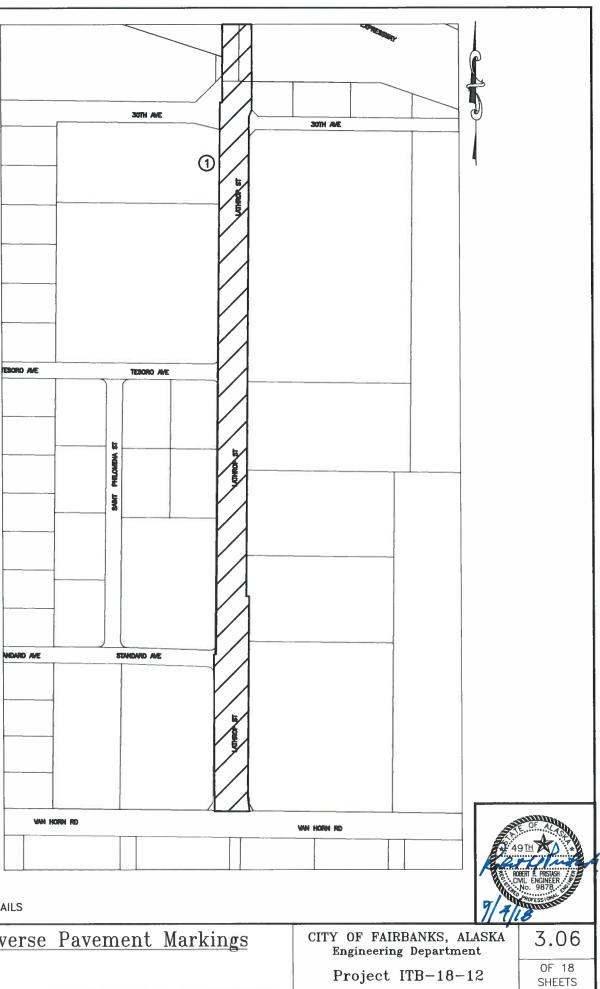
SEE SHEET 3.04 FOR GENERAL STREET LOCATION

DATE	REVISION	BY	SCALE: NONE	DESIGNED: C.O.F. STAFF DRAWN: C.O.F. STAFF CHECKED: R.H.P. DATE: 08/27/18	APPROVED CITY ENGINEER DATE	Transverse Pavement Marki
DAIL	REVISION	I BY		DATE: 00/2//10	DITE	









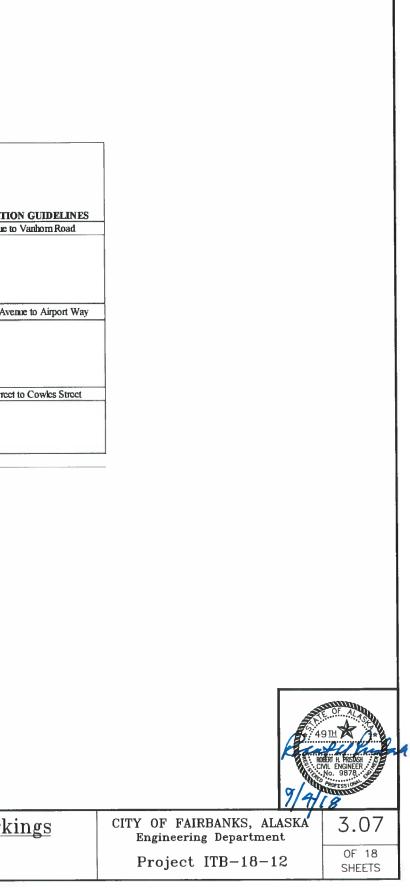
CITY ENGINEER

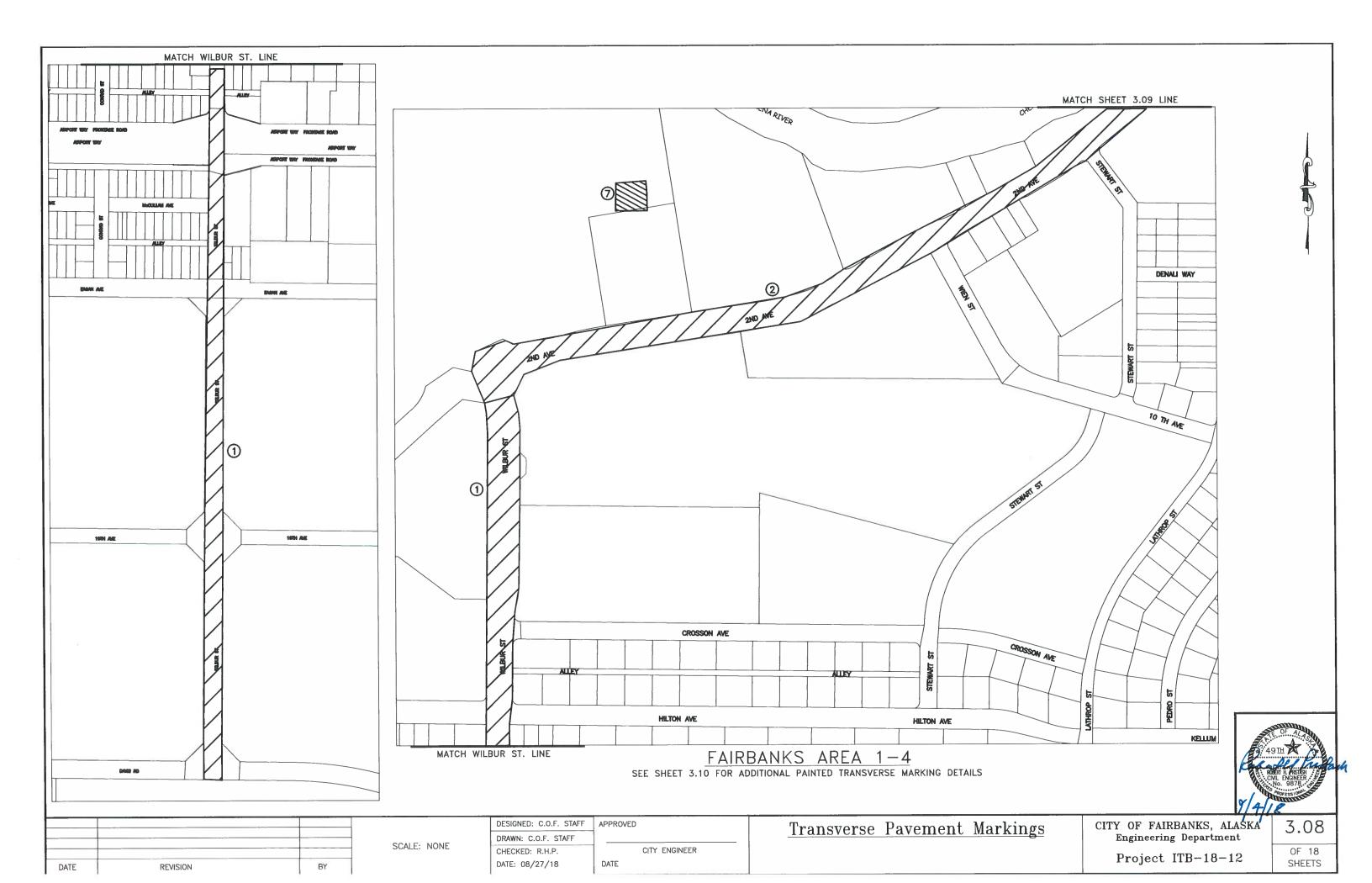
Transverse	Pavement	<u>Mar</u>
------------	----------	------------

NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	24'' CROSSWALKS (EACH)	24" CROSSWALKS (LF)	24" STANDARD CROSSWALKS (SF)	RIGHT/LEFT ARROWS (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (LF)	18" DIAGONAL ISLAND STRIPING - YELLOW (SF)	LOCATIO
(1)	Paint	South Lath		-	0	0	0	26	2	272	408	19th Avenue to
			1	NorthLeg	1	116	232	2	0	0	0	{
~	Paint			South Leg	1	128	256	2	0	0	0	4
2		Lathrop Street	23rd Avenue	West Leg	-	-	•	-	-	-	-	-
-				East Leg	1	107	214	2	0	0	0	{
				Intersection Total	3	351	702	6	0	0	0	
3	Paint	West Cowles		-	0	0	0	8	0	0	0	Kennicott Ave
	Inlaid MMA		1	NorthLeg	1	151	302	3	0	0	0	
	Inlaid MMA		Vanningt	South Leg	1	145	290	1	0	0	0	
4	Inlaid MMA	Cowles Street	Kennicott	West Leg	1	102	204	2	0	0	0	
Ŭ	Paint		Avenue	East Leg	1	116	232	1	0	0	0	
	-			Intersection Total	4	514	1028	7	0	0	0	
(5)	Paint	Kennicot	t Avenue	-	0	0	0	4	0	0	0	Lathrop Street
	Paint			NorthLeg	0	0	0	0	0	0	0	
0	Paint	East Cowles	17th/19th	South Leg	0	0	0	0	0	0	0	
6	Paint	Street	Avenue	East Leg	0	0	0	2	0	0	0	
	-			Intersection Total	0	0	0	2	0	0	0	
				TOTAL	7	865	1730	53	2	272	408	
						FAIRB	ANKS A	REA 1-	- 3			

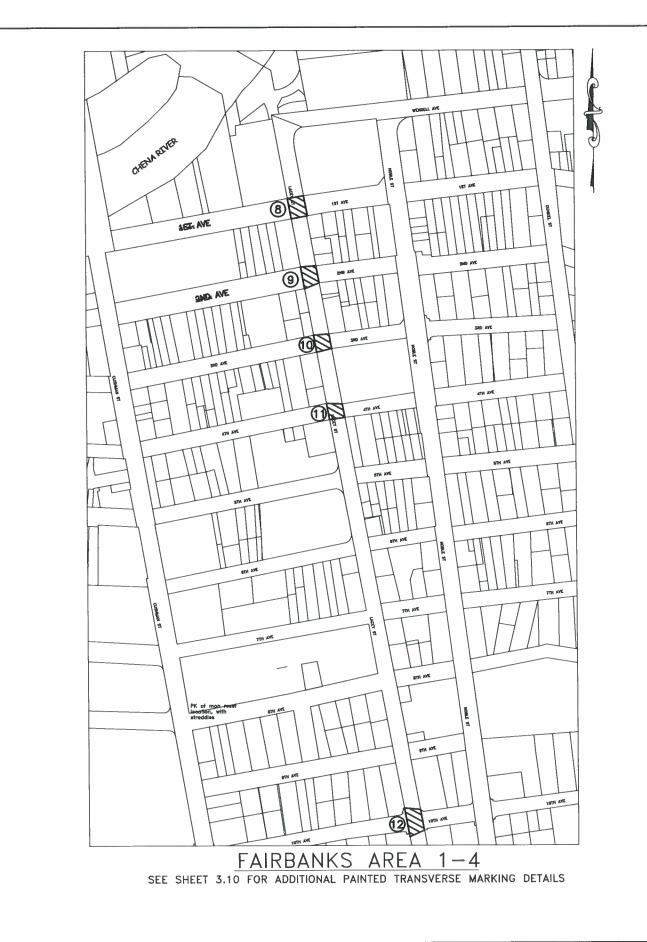
SEE SHEET 3.06 FOR GENERAL STREET LOCATION

				DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Mark
				DRAWN: C.O.F. STAFF		ITallsverse Tavement mark.
	N		SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER	
DATE	REVISION	BY		DATE: 08/27/18	DATE	

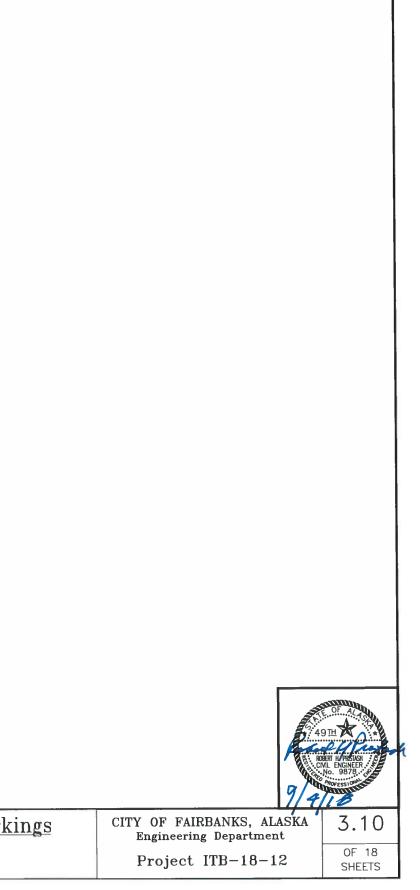








DATE	REVISION	BY	SCALE: NONE	DESIGNED: C.O.F. STAFF DRAWN: C.O.F. STAFF CHECKED: R.H.P. DATE: 08/27/18	APPROVED CITY_ENGINEER DATE	Transverse Pavement Marl
DATE	REVISION	BY		DATE: 08/27/18	DATE	



NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	24" CROSSWALKS (EACH)	24" CROSSWALKS (LF)	24" STANDARD CROSSWALKS (SF)	RIGHT/LEFT ARROWS (EACH)	STRAIGHT ARROW (EACH)	COMBINATION ARROW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (LF)	18" DIAGONAL ISLAND STRIPING - YELLOW (SF)	24" WHITE STOP BAR (EACH)	24" WHITE STOP BAR (LF)	24" WHITE STOP BAR (SF)	LOCATION GUIDELINES			
$\overline{(1)}$	Paint	Wib	r Street	-	0	0	0	6	0	0	2	134	201	3	49	98	2nd Avenue to Davis Road			
(2)	Paint		Avenue	-	0	0	0	1	0	0	2	161	241.5	0	0	0	Hilton Avenue to Grant Street			
(3)	Paint	Cowl	es Street	-	0	0	0	6	0	0	0	0	0	1	23	46	1st Avenue to Airport Way			
				North Leg	1	80	160	3	0	0	0	0	0	0	0	0				
\sim				South Leg	1	80	160	0	0	0	0	0	0	0	0	0				
4	Paint	Ist Avenue	Barnette Street		1	81	162	0	0	0	0	0	0	0	0	0				
	N N			East Leg	1	94	188	2 5	0	0	0	0	0	0	0	0				
				Intersection Total	4	335 84	670 168	0	0	0	0	0	0	0	0	0				
		Paint 5th Avenue Barnette Str		North Leg South Leg		84	168	0	0	0	0	0	0	0	0	0	1			
3	Paint		Barnette Street		1	87	174	0	0	0	0	0	0	0	0	0	1			
	1 488			East Leg	1	73	146	1	0	1	0	0	0	0	0	0]			
				Intersection Total	4	328	656	1	0	1	0	0	0	0	0	0				
				North Leg	I	88	176	0	0	0	0	0	0	0	0	0				
				1	South Leg	1	127	254	0	0	0	0	0	0	0	0	0	4		
6	Paint	7th Avenue	Barnette Street	West Leg	1	87	174	0	0	0	0	0	0	0	0	0	4			
$\mathbf{}$				East Leg	1	102	204	0	0	0	0	0	0	0	0	0	-			
				Intersection Total	4	404	808	0	0	0	0	0	0	0	0	0				
				North Leg	1	97	194	0	0	0	0	0	0	0	0	0	-			
\bigcirc		1011	D	South Leg	1	100 80	200	0	2	2	0	0	0	0	0	0	-			
	Paint	TOTA Avenue	Barnette Street		1	79	158	0	0	0	0	0	0	0	0	0				
				East Leg Intersection Total	4	356	712	1	2	2	0	0	0	0	0	0	-			
				NorthLcg	1	54	108	0	0	0	0	0	0	0	0	0				
		1-1 4		South Leg	i i	55	110	0	0	0	0	0	0	0	0	0]			
8	Paint	1st Avenue	Lacey Street	West Leg	1	106	212	0	0	0	0	0	0	0	0	0				
\bigcirc				East Lcg	1	93	186	1	1	0	0	0	0	0	0	0	-			
	9			Intersection Total	4	308	616	1	1	0	0	0	0	0	0	0				
		t 2nd Avenue	2nd Avenue	2nd Avenue	2nd Avenue		North Leg	1	60	120	0	0	0	0	0	0	0	0	0	-
\sim							South Leg	1	66	132	0	0	0	0	0	0	0	0	0	-
0	Paint					2nd Avenue	Lacey Street	West Leg	1	81	162	1	0	0	0	0	0	0	0	0
				East Leg	1	80	160 574	0	0	0	0	0	0	0	0	0	-			
				Intersection Total	4	71	142	0	0	0	0	0	0	0	0	0	1.1.00 (mark)			
				North Leg South Leg	1	73	142	0	0	0	0	0	0	0	0	0	1			
10	Paint	3rd Avenue	Lacey Street	West Leg	1	52	104	0	0	0	0	0	0	0	0	0]			
9	1 CHE	Sid Aroude		East Lcg	1	66	132	0	0	0	0	0	0	0	0	0				
				Intersection Total	4	262	524	0	0	0	0	0	0	0	0	0				
		-		North Lcg	1	65	130	0	0	0	0	0	0	0	0	0	-			
-				South Leg	1	65	130	0	0	0	0	0	0	0	0	0	4			
(1)	Paint	4th Avenue	Lacey Street	West Leg	1	68	136	1	0	1	0	0	0	0	0	0	-			
				East Leg	1	57	114	0	0	0	0	0	0	0	0	0	-			
		1		Intersection Total		255	510	1	0	1	0	0	0	0	0	0				
				North Leg	1	77	154	0	0	0	0	0	0	0	0	0	-			
	Dela	1042	I agon Famer	South Leg	1	68	136 182	0	0	0	0	0	0	0	0	0	-			
(12)	Paint	1011 Avenue	Lacey Street	West Leg	1	91 79	182	1	0	0	0	0	0	0	0	0	1			
				East Leg Intersection Total	4	315	630	2	0	0	0	0	0	0	0	0				
		1		TOTAL	36	2850	5700	25	3	4	4	295	442.5	4	72	144				

			-	DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Mark
				DRAWN: C.O.F. STAFF		Transverbe ravemente mark
			SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER	
DATE	REVISION	BY		DATE: 08/27/18	DATE	



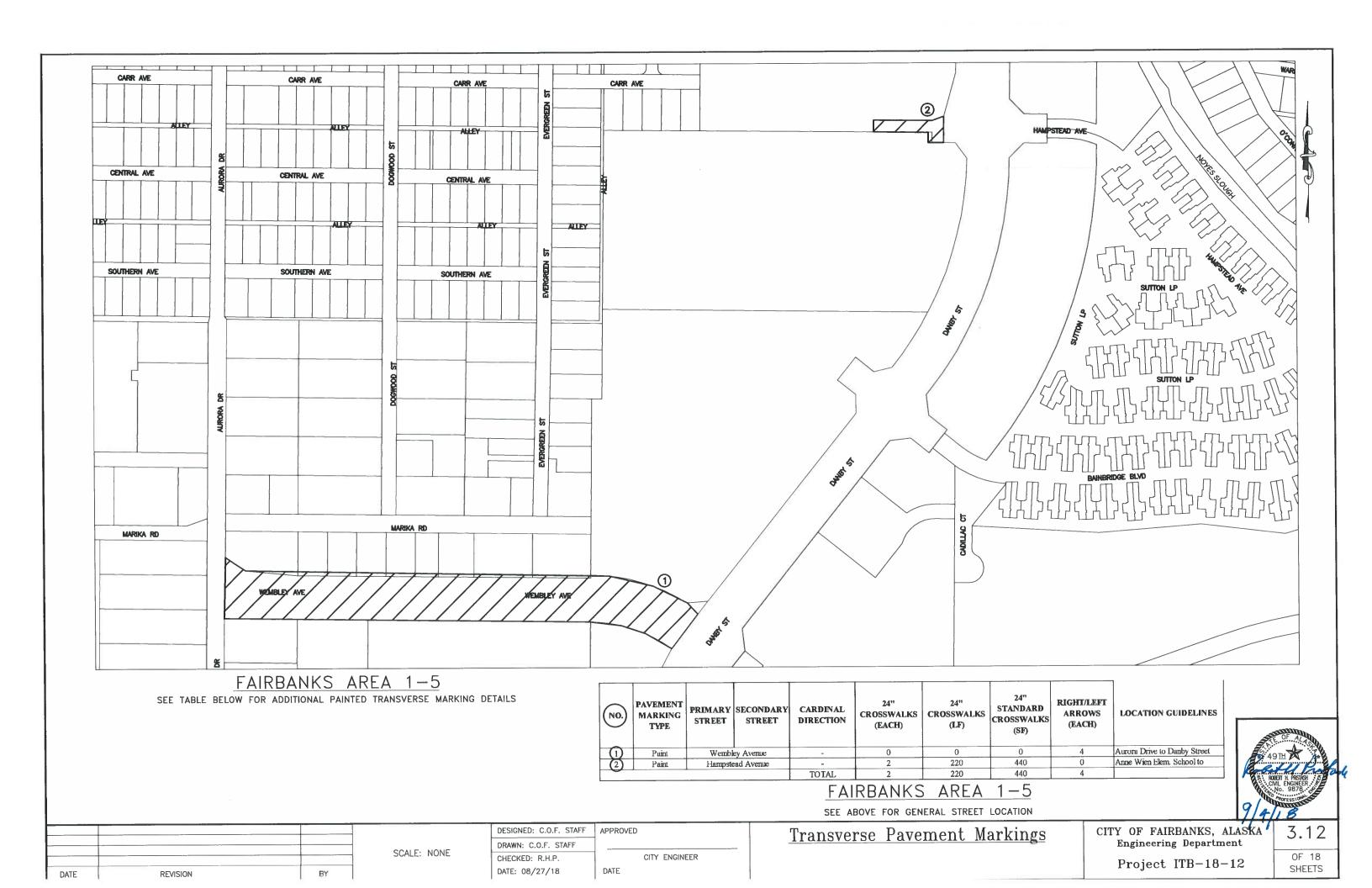
kings

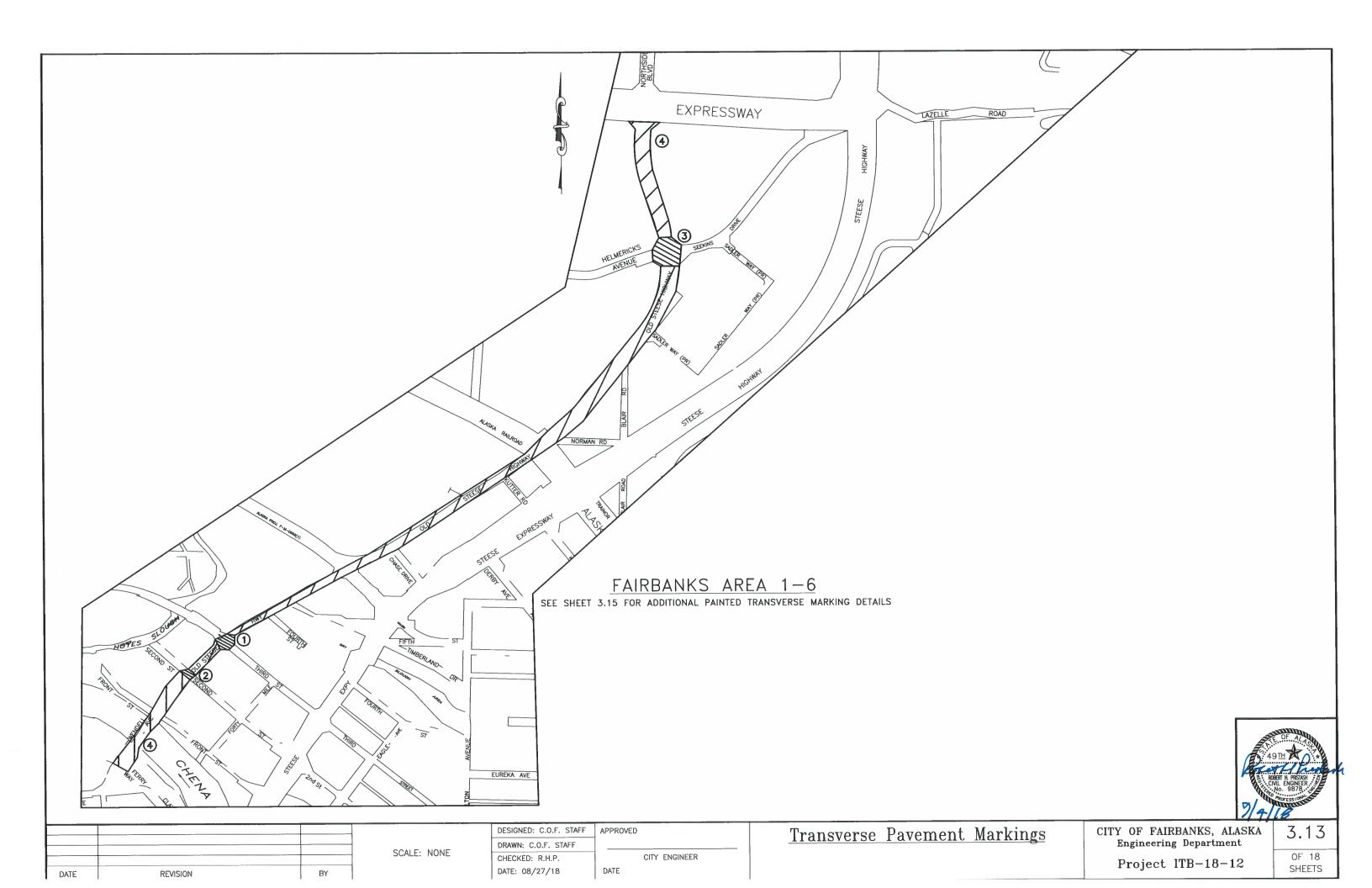
CITY OF FAIRBANKS, ALASKA Engineering Department

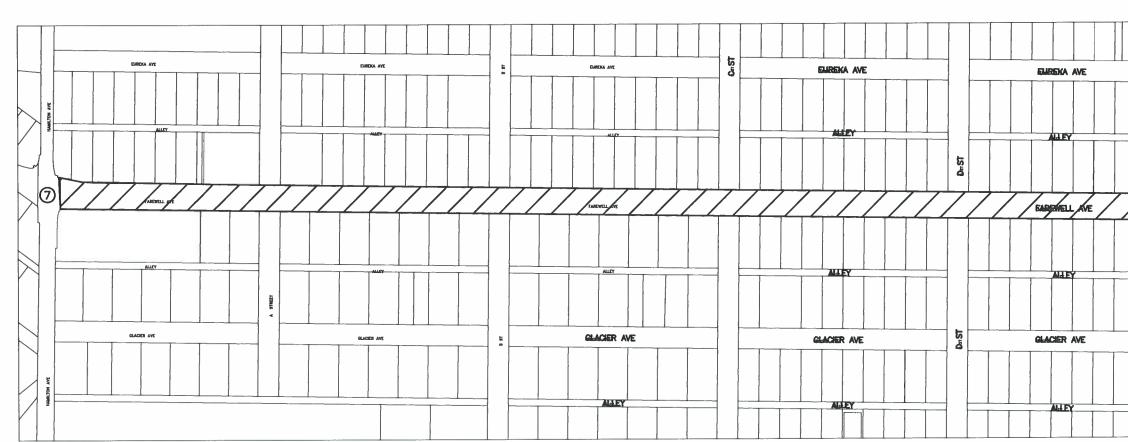
Project ITB-18-12

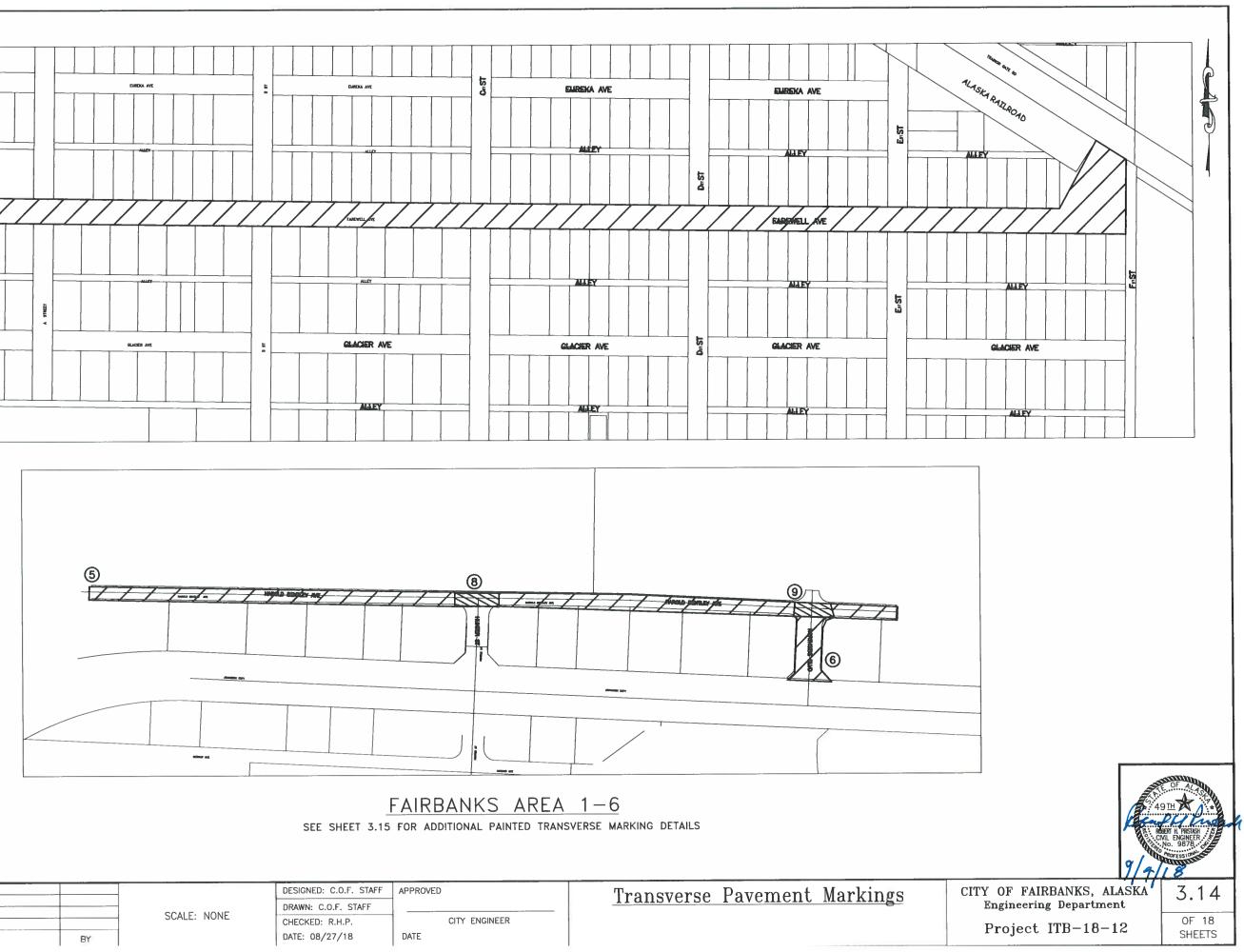
OF 18 SHEETS

3.11









				DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Mark
				DRAWN: C.O.F. STAFF		Transverse ravement mark
			SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER	
DATE	REVISION	BY		DATE: 08/27/18	DATE	

NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	24" CROSSWALKS (EACH)	24" CROSSWALKS (LF)	24" STANDARD CROSSWALKS (SF)	RIGHT/LEFT ARROWS (EACH)	COMBINATION ARROW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	18" DIAGONAL ISLAND STRIPING - YELLOW (LF)	18" DIAGONAL ISLAND STRIPING - YELLOW (SF)	24" WHITE STOP BAR (EACH)	24" WHITE STOP BAR (LF)	24" WHITE STOP BAR (SF)	LOCATION GUIDELINES			
				North Lcg	1	153	306	1	1	0	0	0	0	0	0				
	1 1	Minnie		South Leg	1	157	314	2	1	0	0	0	0	0	0				
	Paint	Street/3rd	Old Steese	West Leg	1	137	274	2	0	0	0	0	0	0	0				
Ŭ		Street	Highway	East Leg	1	123	246	3	0	0	0	0	0	0	0				
	1 1			Intersection Total	4	570	1140	8	2	0	0	0	0	0	0				
				North Lcg	0	0	0	1	0	0	0	0	0	0	0				
_		Old Steese 2 Highway		Old Change	Old Steers	2-4 Carried Others &	South Leg	0	0	0	1	1	0	0	0	0	0	0	
2	Paint		2nd Street (Play it	West Leg	0	0	0	1	0	0	0	0	1	42	84				
\mathbf{U}			півпмяλ	Again Sports)	East Lcg	0	0	0	1	0	0	0	0	1	28	56			
				Intersection Total	0	0	0	4	1	0	0	0	2	70	140				
				North Leg	0	0	0	3	0	0	0	0	1	30	60				
3		Helmericks	Old Steese	South Lcg	1	197	394	2	0	0	0	0	0	0	0				
	Paint		Highway	West Leg	1	132	264	2	0	0	0	0	0	0	0				
		Avenue	ruguway	East Leg	1	147	294	2	0	1	62	93	0	0	0				
				Intersection Total	3	476	952	9	0	1	62	93	1	30	60				
4	Paint	Old Sto	csc Highway	-	0	0	0	28	0	1	36	54	6	136	272	Johansen Expressway to Clay Street			
5	Paint	Harold B	entley Avenue	-	0							0	0	0	0	Entire road (dead end to dead end)			
						0	0	16	0	0	0	0	0		0	Johansen Expressway to Harold			
6	Paint	North	nside Blvd.	-	0	0	0	4	o	0	0	0	0	0	0	Bentley Avenue			
7	Paint	Farew	vell Avenue		0	0	0	37	0	0	0	0	0	0	0	Trainor Gate Road to Hamilton			
-			· · · · · · · · · · · · · · · · · · ·	North Leg	-	-	-	-		*	-	-	-	-	-				
				South Leg	0	0	0	0	0	0	0	0	0	0	0	1			
8	Paint	Harold Bentley	Hunter Street	West Leg	0	0	0	0	0	0	0	0	0	0	0	1			
U		Avenue		East Leg	0	0	0	0	0	0	0	0	1	23	46	1			
				Intersection Total		0	0	0	0	0	0	0	1	23	46	1			
				North Leg		-			-	-	-	-	-	-	-				
				South Leg	1	158	316	2	0	0	0	0	0	0	0	1			
9	Paint	Harold Bentley	Northside Blvd.	West Leg	1	110	220	0	0	0	0	0	0	0	0	1			
<u> </u>		Avenue		East Leg	1	109	218	0	0	0	0	0	0	0	0	1			
				Intersection Total	3	377	754	2	0	0	0	0	0	0	0				
		L	L	TOTAL		1423	2846	108	3	2	98	147	10	259	518				

FAIRBANKS AREA 1-6

SEE SHEETS 3.13 & 3.14 FOR GENERAL STREET LOCATION

Į					DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Marki
ł					DRAWN: C.O.F. STAFF		ITansverse ravement marks
ł				SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER	
	DATE	REVISION	BY		DATE: 08/27/18	DATE	



ings

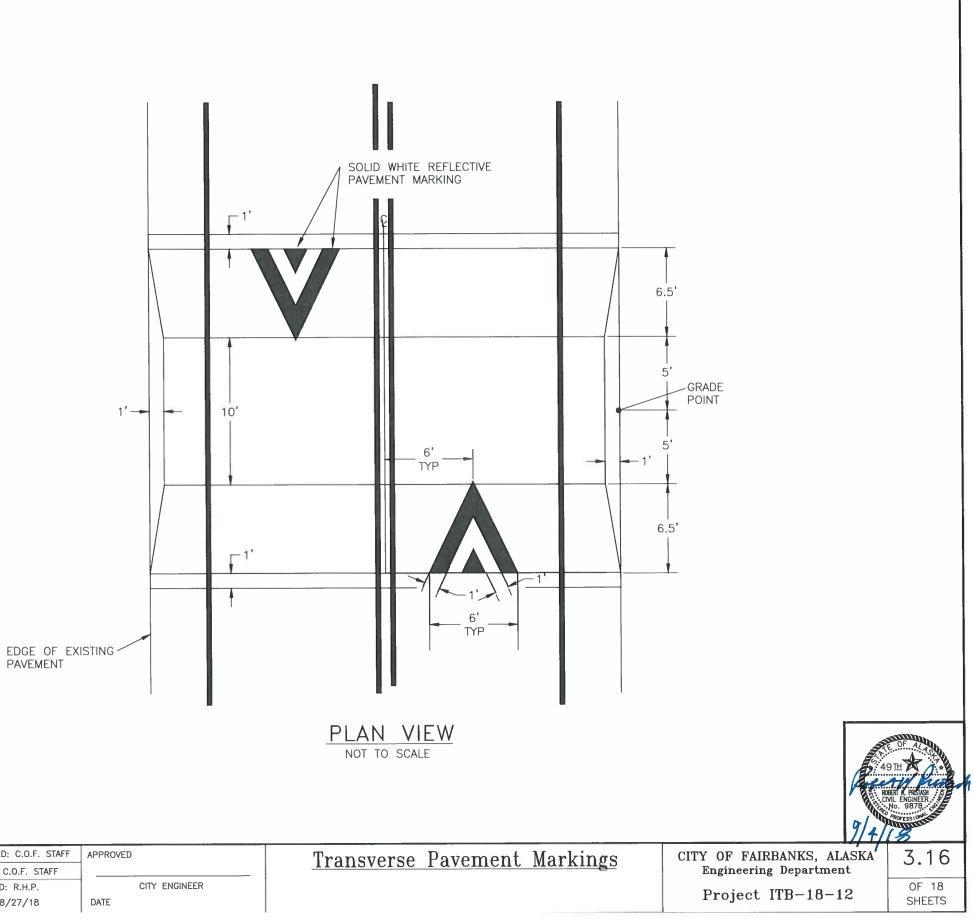
CITY OF FAIRBANKS, ALASKA Engineering Department

Project ITB-18-12

OF 18 SHEETS

	Hamilton Acres		# of Speed Humps
		Dunbar Ave	2
	Hamilton Acres	Eureka Ave	5
	Hamilton Acres	Farewell Ave	1
	Hamilton Acres	Glacier Ave	6
	Hamilton Acres	Haines Ave	4
	Hamilton Acres	Ketchikan Ave	1
Paint	Hamilton Acres	Hamilton Ave	2
	Hamilton Acres	B Street	3
	Hamilton Acres	C Street	6
	Hamilton Acres	D Street	6
	Hamilton Acres	E Street	3
	Hamilton Acres	F Street	5
	Hamilton A	cres Total	44
	Shannon Park	Joyce Dr	6
	Shannon Park	Carlton Dr	1
	Shannon Park	Droz Dr	2
	Shannon Park	Cindy Dr	2
	Shannon Park	Lc-Ann Dr	3
Paint	Shannon Park	Shannon Dr	7
Pam	Shannon Park	Baranof Ave	3
	Shannon Park	Craig Ave	1
	Shannon Park	D Street	8
	Shannon Park	E Street	2
	Shannon Park	F Street	2
	Shannon P	37	
	Island Homes	Slater Dr	11
Paint	Island Homes	Bentley Dr	6
Pani	Island Homes	Kody Dr	2
	Island Ho	nes Total	19
	Graehl	40-mile Ave	2
Paint	Graehl	2nd Street	1
	Grach	Total	3
	Arctic Park	Lathrop St	2
Paint	Arctic Park	Kennicott Ave	3
ганц	Arctic Park	McCarty Ave	2
	Arctic Pa	rk Total	7
	Bjerremark	A-64	1
Paint	Bjerremark	A-64	1

SPEED HUMP





				DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markin
				DRAWN: C.O.F. STAFF		ITansverse Tavement Markin
			SCALE: NONE	CHECKED: R.H.P.	CITY ENGINEER	
DATE	REVISION	BY		DATE: 08/27/18	DATE	