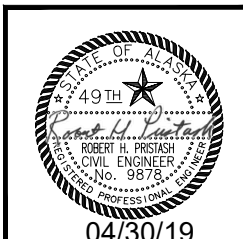
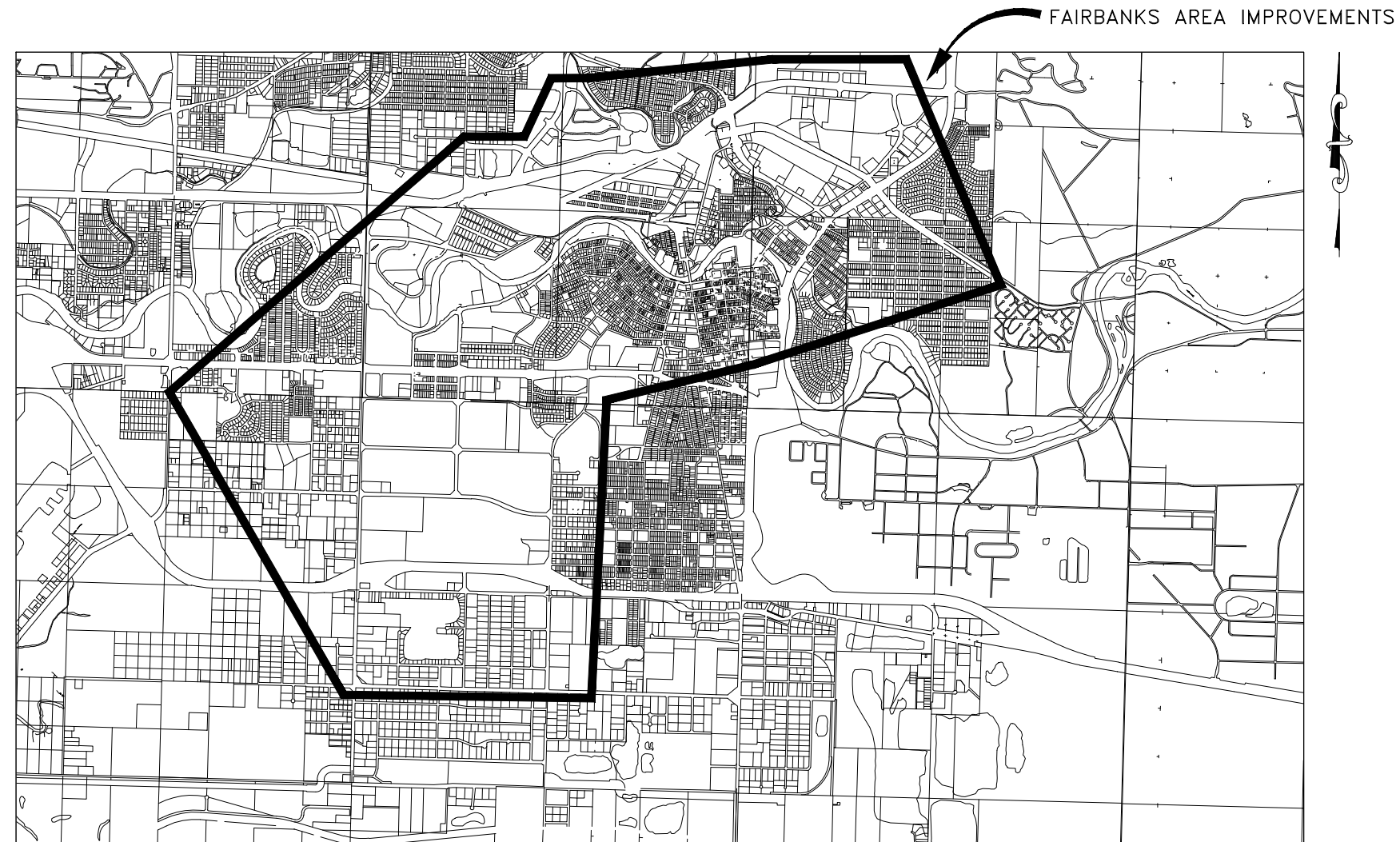


CITY OF FAIRBANKS
ENGINEERING DEPARTMENT

PROPOSED HIGHWAY PROJECT
ITB-19-05
TRANSVERSE PAVEMENT MARKINGS

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1.01	TITLE SHEET
2.01	ESTIMATE OF QUANTITIES AND SUMMARY
3.01	INDEX SHEET
3.02-3.16	PROJECT LAYOUTS & STRIPING SUMMARY
4.01-4.04	STANDARD DRAWINGS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
DRAWN: C.O.F. STAFF
CHECKED: R.H.P.
DATE: 04/10/19

APPROVED

CITY ENGINEER
DATE

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
Engineering Department
Project ITB-19-05

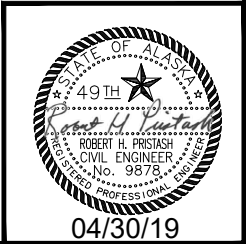
1.01
OF 22
SHEETS

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	217
670(1-B)	PAINTED TRAFFIC MARKINGS - 18 INCH DIAGONAL ISLAND STRIPING - YELLOW	SQUARE FOOT	1670
670(1-C)	PAINTED TRAFFIC MARKINGS - 18 INCH DIAGONAL ISLAND STRIPING - WHITE	SQUARE FOOT	186
670(1-D)	PAINTED TRAFFIC MARKINGS - SPEED HUMP	EACH	112
670(1-E)	PAINTED TRAFFIC MARKINGS - 24 INCH STANDARD CROSSWALKS	SQUARE FOOT	11434
670(1-F)	PAINTED TRAFFIC MARKINGS - 24 INCH STOP BAR	SQUARE FOOT	1764
670(1-G)	PAINTED TRAFFIC MARKINGS - 4 INCH WHITE	LINEAR FOOT	510
670(1-H)	PAINTED TRAFFIC MARKINGS - 4 INCH BLUE	LINEAR FOOT	45

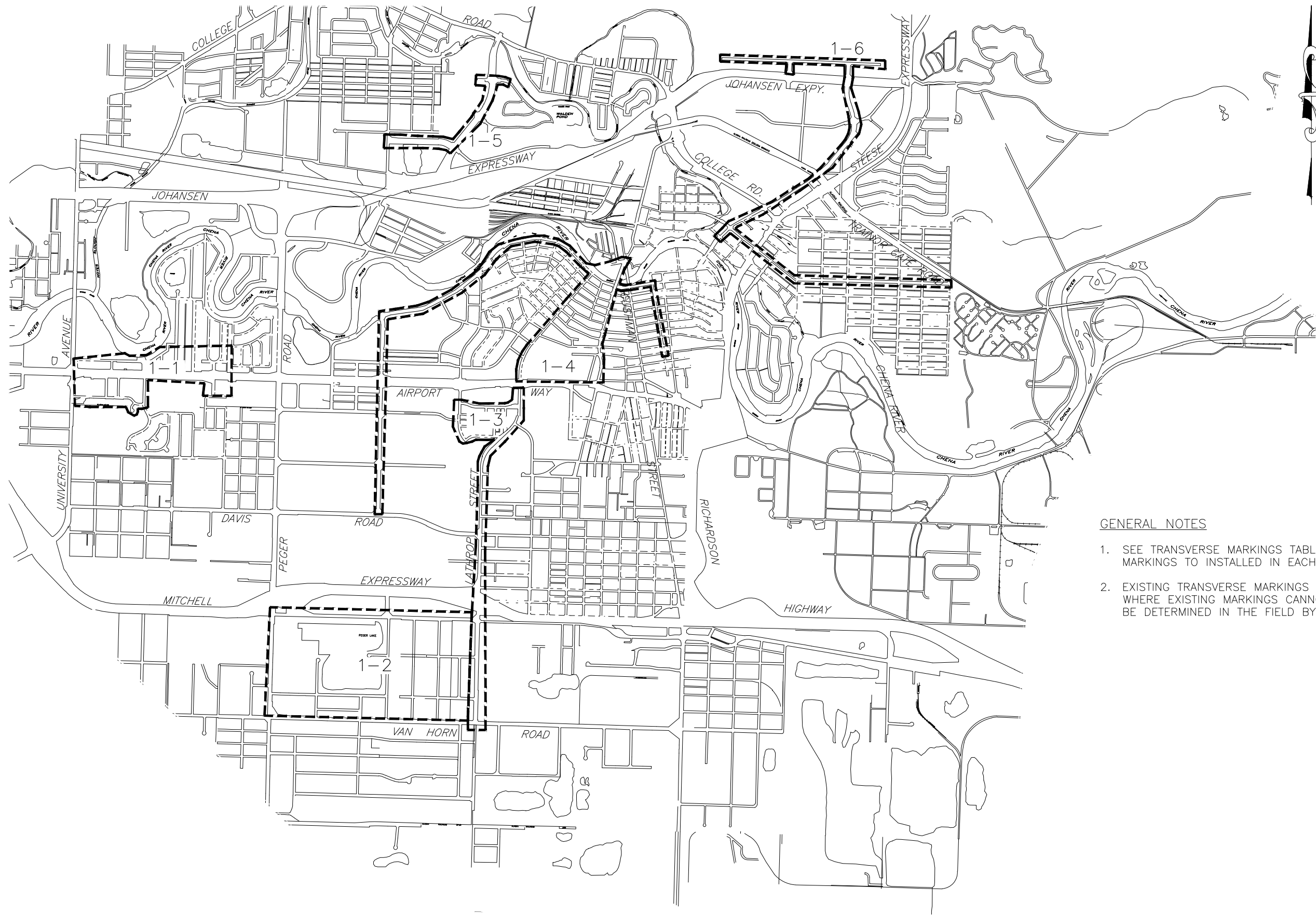
ESTIMATE OF QUANTITIES - ALTERNATE

ITEM NO.	PAY ITEM	PAY UNIT	QUANTITY
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
670(1-J)	MMA PAVEMENT MARKINGS - ARROW INLAID	EACH	217
670(1-K)	MMA PAVEMENT MARKINGS - 18 INCH DIAGONAL ISLAND STRIPING YELLOW INLAID	SQUARE FOOT	1670
670(1-L)	MMA PAVEMENT MARKINGS - 18 INCH DIAGONAL ISLAND STRIPING WHITE INLAID	SQUARE FOOT	186
670(1-M)	MMA PAVEMENT MARKINGS - SPEED HUMP INLAID	EACH	112
670(1-N)	MMA PAVEMENT MARKINGS - 24 INCH STANDARD CROSSWALKS INLAID	SQUARE FOOT	11434
670(1-P)	MMA PAVEMENT MARKINGS - 24 INCH STOP BAR INLAID	SQUARE FOOT	1764
670(1-Q)	MMA PAVEMENT MARKINGS - 4 INCH WHITE INLAID	LINEAR FOOT	510
670(1-R)	MMA PAVEMENT MARKINGS - 4 INCH BLUE INLAID	LINEAR FOOT	45



Fri, 26/Apr/19 08:20am

		SCALE: NONE	DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department Project ITB-19-05	2.01 OF 22 SHEETS
			DRAWN: C.O.F. STAFF	_____			
DATE	REVISION		BY	CHECKED: R.H.P. DATE: 04/10/19			



GENERAL NOTES

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.



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED

 CITY ENGINEER
 DATE

Transverse Pavement Markings

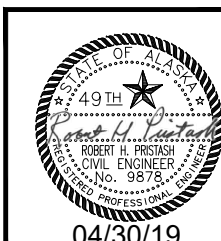
CITY OF FAIRBANKS, ALASKA
 Engineering Department
 Project ITB-19-05

3.01
 OF 22
 SHEETS



FAIRBANKS AREA 1-1

SEE SHEET 3.03 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED

 CITY ENGINEER
 DATE

Transverse Pavement Markings

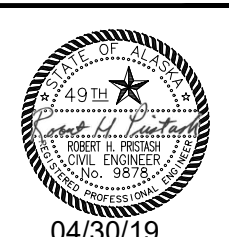
CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.02
 OF 22
 SHEETS

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	Rewak Drive		-	2	162	324	0	2	260	390	1	14	28	University Avenue to Washington Drive			
②	Paint	Washington Drive		-	0	0	0	2	0	0	0	1	27	54	Airport Road to Adams Drive			
③	Paint	Rewak Drive	Washington Drive	North Leg	0	0	0	3	0	0	0	1	40	80	East leg of intersection no longer maintained			
				South Leg	1	90	180	0	0	0	0	0	0	0		0		
				West Leg	1	109	218	2	0	0	0	0	0	0		0	0	
				East Leg	-	-	-	-	-	-	-	-	-	-		-	-	-
				Intersection Total	2	199	398	5	0	0	0	0	1	40		80	80	
④	Paint	Marlin Street		-	0	0	0	0	0	0	0	1	17	34	Airport Way to Geraghty Avenue			
⑤	Paint	Bartlett Drive		-	0	0	0	0	0	0	0	1	12	24	Geraghty Avenue to Riverside Drive			
⑥	Paint	Market Street		-	0	0	0	1	0	0	0	0	0	0	Airport Frontage Road to N. Kobuk Avenue			
⑦	Paint	Geraghty Avenue	Strand Drive	North Leg	-	-	-	-	-	-	-	-	-	-	-			
				South Leg	0	0	0	4	0	0	0	0	0	0	0		0	
				West Leg	0	0	0	0	0	0	0	0	0	0	1		18	36
				East Leg	0	0	0	0	0	0	0	0	0	0	1		20	40
				Intersection Total	0	0	0	4	0	0	0	0	0	0	2		38	76
TOTAL:					6	560	1120	21	2	260	390	10	226	452				

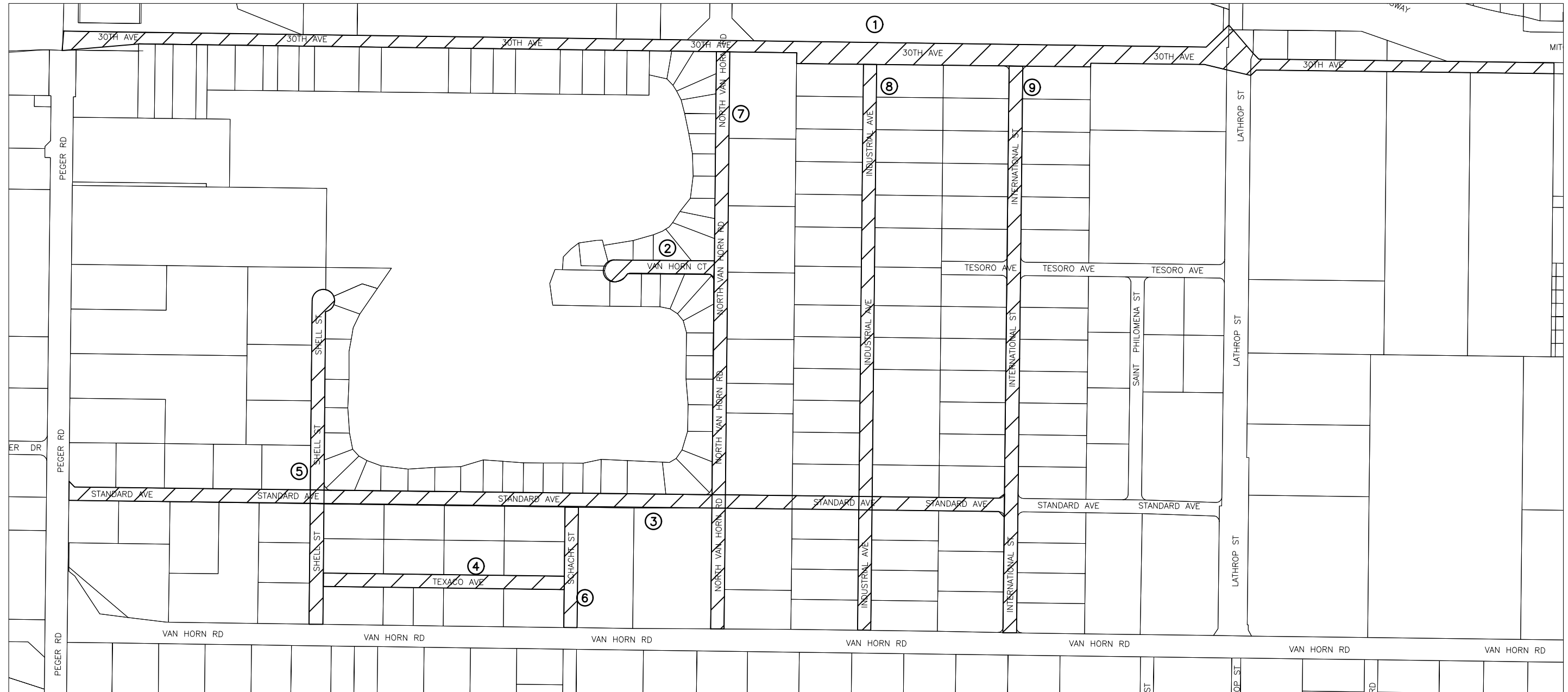
FAIRBANKS AREA 1-1

SEE SHEET 3.02 FOR GENERAL STREET LOCATION
 *FOR INFORMATIONAL PURPOSE ONLY
 **ESTIMATE OF QUANTITIES PAY ITEM



04/30/19

DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department	3.03
DRAWN: C.O.F. STAFF	_____			
CHECKED: R.H.P.	CITY ENGINEER			
DATE: 04/10/19	DATE			
SCALE: NONE			Project ITB-19-05	OF 22 SHEETS
DATE	REVISION	BY		



FAIRBANKS AREA 1-2

SEE SHEET 3.05 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



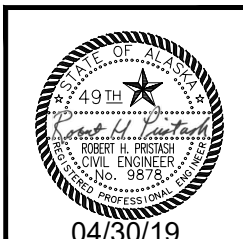
04/30/19

			DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department	3.04
			DRAWN: C.O.F. STAFF	_____			
			CHECKED: R.H.P.	CITY ENGINEER			OF 22
			DATE: 04/10/19	DATE			SHEETS
DATE	REVISION	BY	SCALE: NONE				

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
①	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	Texaco Avenue		0	0	0	2	32	64	Shell Street to Schacht Street
⑤	Paint	Shell Street		0	0	0	3	50	100	Vanhorn Road to Dead End
⑥	Paint	Schacht Street		0	0	0	1	19	38	Standard Avenue to Vanhorn Road
⑦	Paint	N. Vanhorn 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
⑨	Paint	International Street		0	0	0	1	22	44	32nd Avenue to Vanhorn Road
TOTAL:				1	188	282	18	325	650	

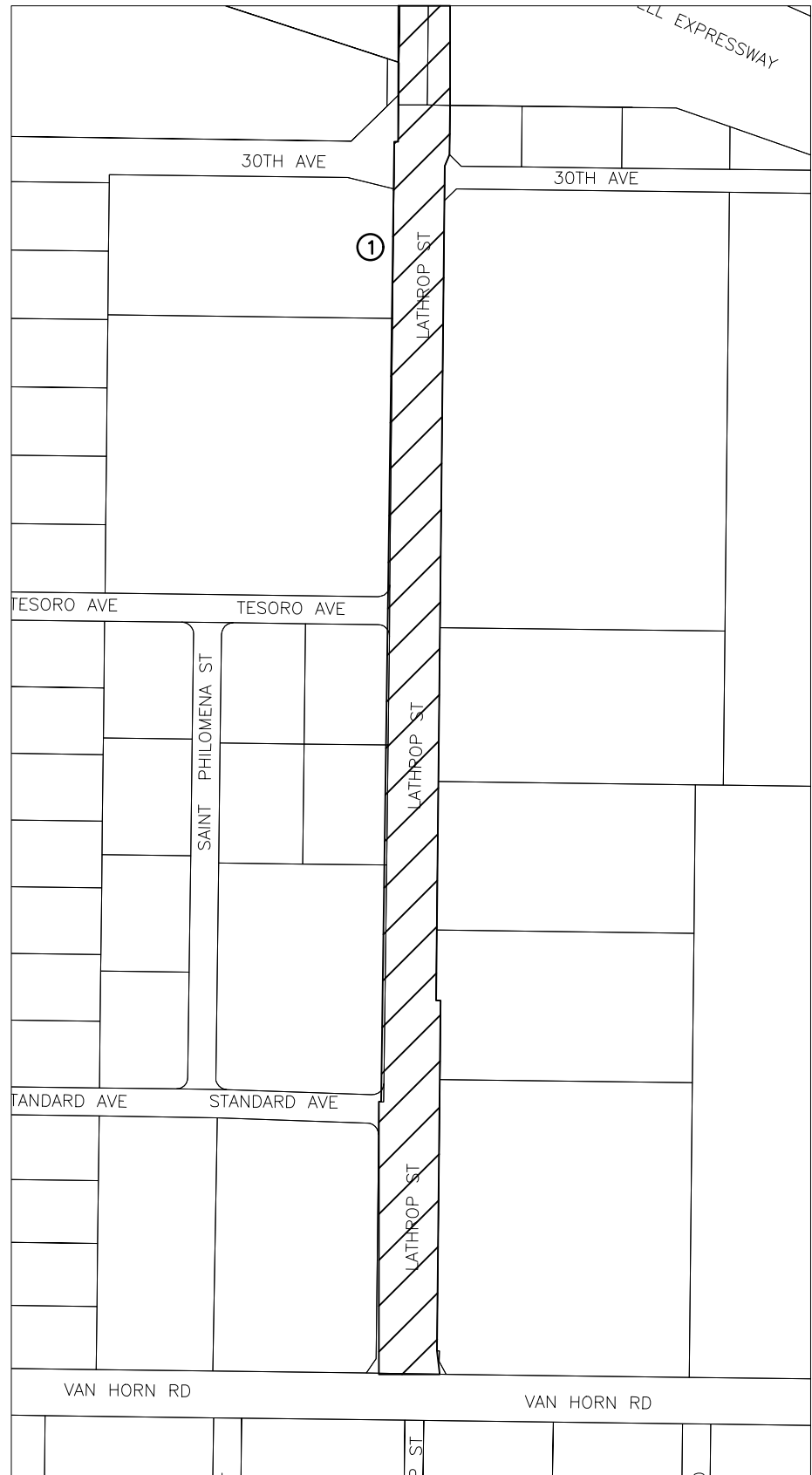
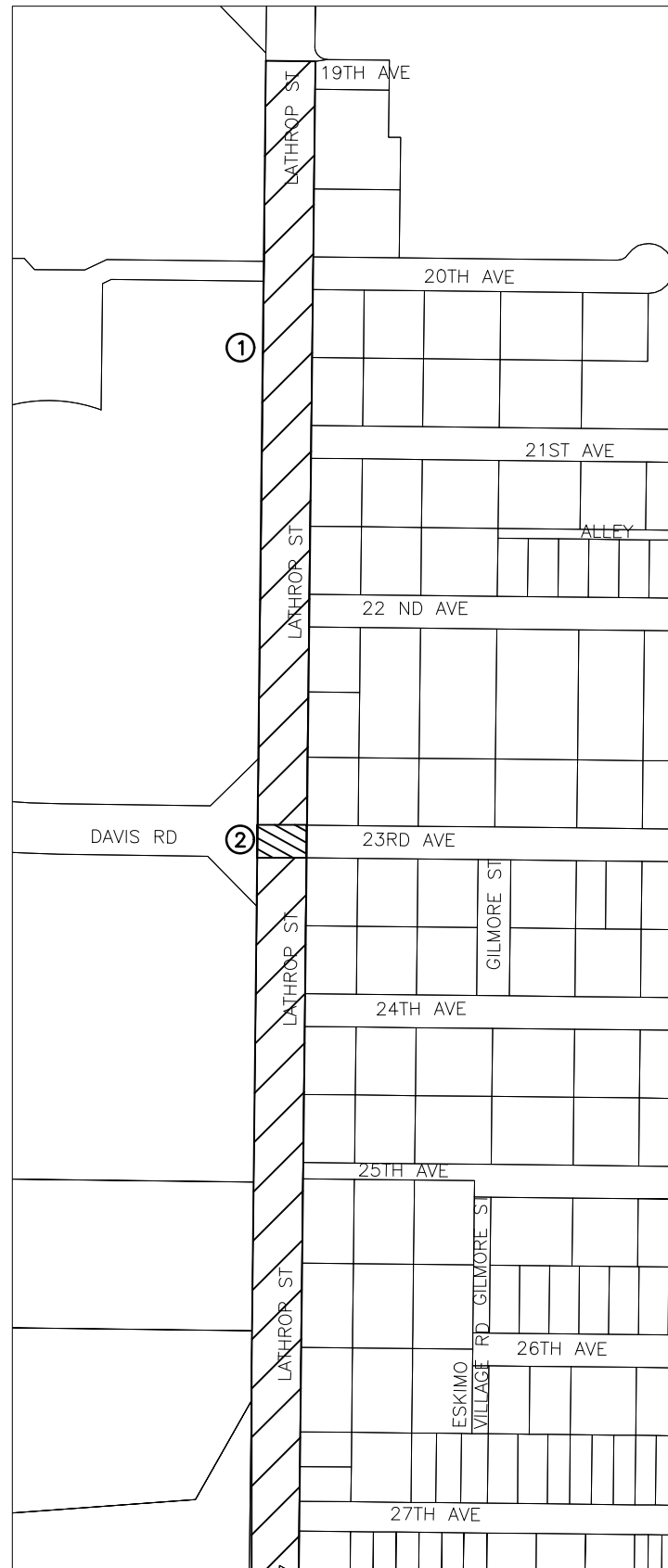
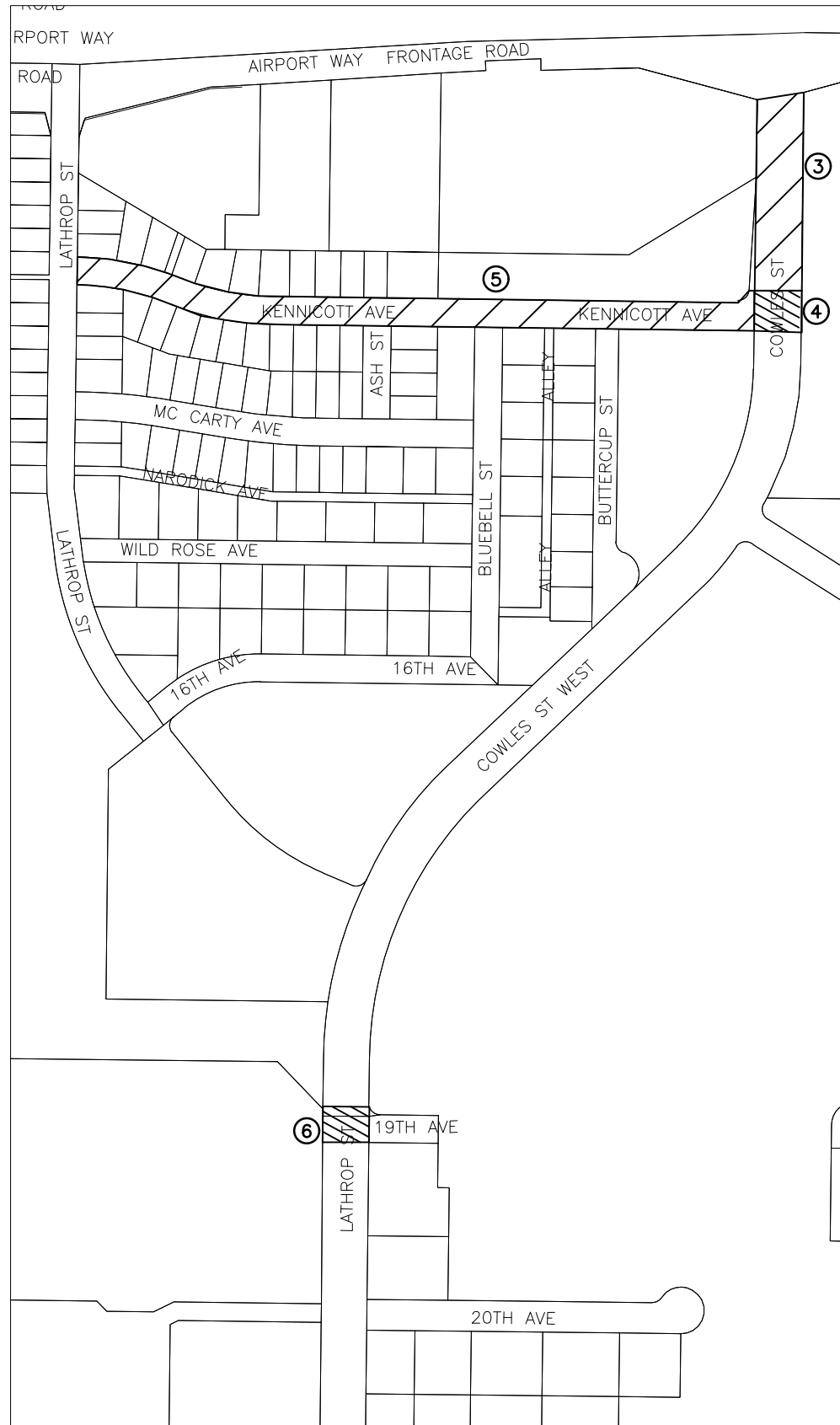
FAIRBANKS AREA 1-2

SEE SHEET 3.04 FOR GENERAL STREET LOCATION
 *FOR INFORMATIONAL PURPOSE ONLY
 **ESTIMATE OF QUANTITIES PAY ITEM



04/30/19

		DESIGNED: C.O.F. STAFF		APPROVED		Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department	3.05
		DRAWN: C.O.F. STAFF		_____				
		CHECKED: R.H.P.		CITY ENGINEER				
DATE	REVISION	BY	DATE: 04/10/19	DATE			Project ITB-19-05	OF 22 SHEETS



FAIRBANKS AREA 1-3

SEE SHEET 3.07 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED

 CITY ENGINEER
 DATE

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.06
 OF 22
 SHEETS

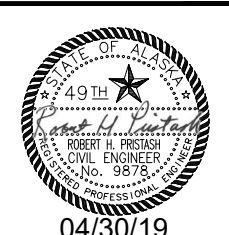
NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	*24" CROSSWALKS (EACH)	*24" CROSSWALKS (LF)	**24" STANDARD CROSSWALKS (SF)	**RIGHT/LEFT ARROWS (EACH)	*18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	*18" DIAGONAL ISLAND STRIPING - YELLOW (LF)	**18" DIAGONAL ISLAND STRIPING - YELLOW (SF)	LOCATION GUIDELINES
①	Paint	South Lathrop Street		-	0	0	0	26	2	272	408	19th Avenue to Vanhorn Road
②	Paint	Lathrop Street	23rd Avenue	North Leg	1	116	232	2	0	0	0	
				South Leg	1	128	256	2	0	0	0	
				West Leg	1	107	214	2	0	0	0	
				East Leg	1	107	214	2	0	0	0	
				Intersection Total	4	458	916	8	0	0	0	
③	Paint	West Cowles Street		-	0	0	0	8	0	0	Airport Way to 19th Avenue	
④	Inlaid MMA	Cowles Street	Kennicott Avenue	North Leg	1	151	302	3	0	0	0	
	Inlaid MMA			South Leg	1	145	290	1	0	0	0	
	Inlaid MMA			West Leg	1	102	204	2	0	0	0	
	Paint			East Leg	1	116	232	1	0	0	0	
	-			Intersection Total	4	514	1028	7	0	0	0	
⑤	Paint	Kennicott Avenue		-	0	0	0	4	0	0	Lathrop Street to Cowles Street	
⑥	Paint	East Cowles Street	17th/19th Avenue	North Leg	0	0	0	0	0	0	0	
	Paint			South Leg	0	0	0	0	0	0	0	
	Paint			East Leg	0	0	0	2	0	0	0	
	Paint			Intersection Total	0	0	0	2	0	0	0	
	-			TOTAL	8	972	1944	55	2	272	408	

FAIRBANKS AREA 1-3

SEE SHEET 3.06 FOR GENERAL STREET LOCATION

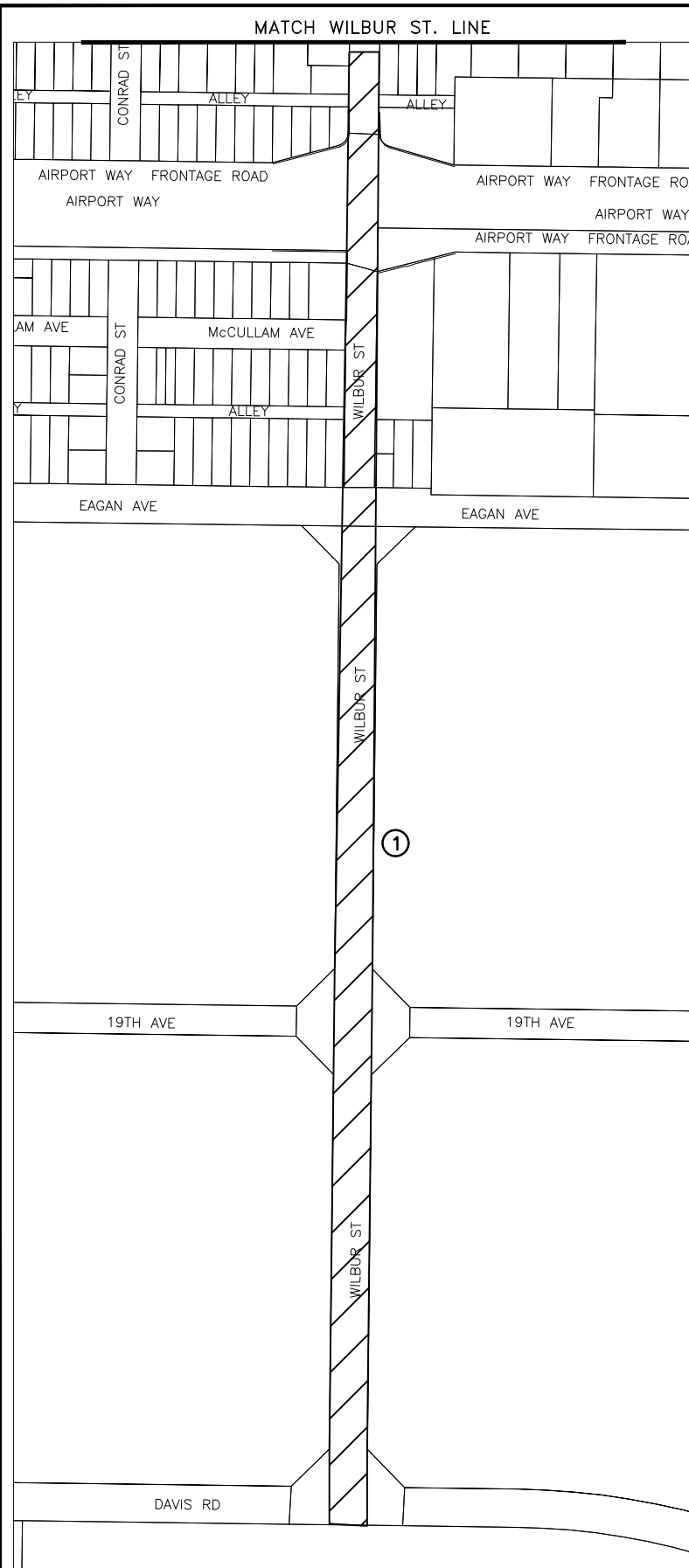
*FOR INFORMATIONAL PURPOSE ONLY

**ESTIMATE OF QUANTITIES PAY ITEM



04/30/19

DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department	3.07
DRAWN: C.O.F. STAFF	_____			
CHECKED: R.H.P.	CITY ENGINEER			
DATE: 04/10/19	DATE			
SCALE: NONE			Project ITB-19-05	OF 22 SHEETS
DATE	REVISION	BY		



MATCH WILBUR ST. LINE

MATCH SHEET 3.09 LINE

FAIRBANKS AREA 1-4

SEE SHEET 3.11 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED

 CITY ENGINEER
 DATE

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.08
 OF 22
 SHEETS



FAIRBANKS AREA 1-4

SEE SHEET 3.11 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED

 CITY ENGINEER
 DATE

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

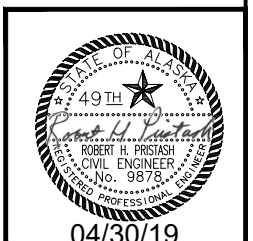
3.09
 OF 22
 SHEETS



NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	*18" DIAGONAL ISLAND STRIPING - WHITE (EACH)	*18" DIAGONAL ISLAND STRIPING - WHITE (LF)	**18" DIAGONAL ISLAND STRIPING - WHITE (SF)	LOCATION GUIDELINES
12	Paint	1st Avenue	Barnette Street	North Leg	0	0	0	
				South Leg	1	124	186	
				West Leg	0	0	0	
				East Leg	0	0	0	
				Intersection Total	1	124	186	
				TOTAL	1	124	186	

FAIRBANKS AREA 1-4
 SEE ABOVE FOR GENERAL STREET LOCATION
 *FOR INFORMATIONAL PURPOSE ONLY
 **ESTIMATE OF QUANTITIES PAY ITEM

FAIRBANKS AREA 1-4
 SEE SHEET 3.11 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED _____
 CITY ENGINEER
 DATE _____

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.10
 OF 22
 SHEETS

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)	** 4" WHITE STRIPING (LF)	** 4" BLUE STRIPING (LF)	LOCATION GUIDELINES			
1	Paint	Wilbur Street		-	0	0	0	6	0	0	2	134	201	3	49	98	0	0	2nd Avenue to Davis Road			
2	Paint	2nd Avenue		-	0	0	0	1	0	0	2	161	241.5	0	0	0	510	*** 45	Hilton Avenue to Grant Street, Cushman Street to Lacey Street			
3	Paint	Cowles Street		-	0	0	0	6	0	0	0	0	0	1	23	46	0	0	1st Avenue to Airport Way			
4	Paint	1st Avenue	Barnette Street	North Leg	1	80	160	3	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	80	160	0	0	0	0	0	0	0	0	0	0	0	0	0		
				West Leg	1	81	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	94	188	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	335	670	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Paint	5th Avenue	Barnette Street	North Leg	1	84	168	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	84	168	0	0	0	0	0	0	0	0	0	0	0	0	0		
				West Leg	1	87	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	73	146	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	328	656	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6	Paint	7th Avenue	Barnette Street	North Leg	1	88	176	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	127	254	0	0	0	0	0	0	0	0	0	0	0	0	0		
				West Leg	1	87	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	102	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	404	808	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Paint	10th Avenue	Barnette Street	North Leg	1	97	194	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	100	200	0	2	2	0	0	0	0	0	0	0	0	0	0	0	
				West Leg	1	80	160	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	79	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	356	712	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
8	Paint	2nd Avenue	Lacey Street	North Leg	1	60	120	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	66	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				West Leg	1	81	162	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	80	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	287	574	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Paint	3rd Avenue	Lacey Street	North Leg	1	71	142	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	73	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				West Leg	1	52	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	66	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	262	524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Paint	4th Avenue	Lacey Street	North Leg	1	65	130	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	65	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				West Leg	1	68	136	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	57	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	255	510	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	Paint	10th Avenue	Lacey Street	North Leg	1	77	154	0	0	0	0	0	0	0	0	0	0	0	0			
				South Leg	1	68	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				West Leg	1	91	182	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
				East Leg	1	79	158	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Intersection Total	4	315	630	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL					32	2542	5084	24	2	4	4	295	442.5	4	72	144	510	45				

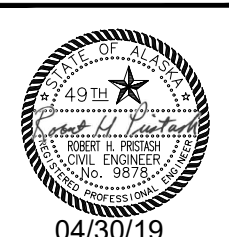
FAIRBANKS AREA 1-4

SEE SHEETS 3.08, 3.09 & 3.10 FOR GENERAL STREET LOCATION

*FOR INFORMATIONAL PURPOSE ONLY

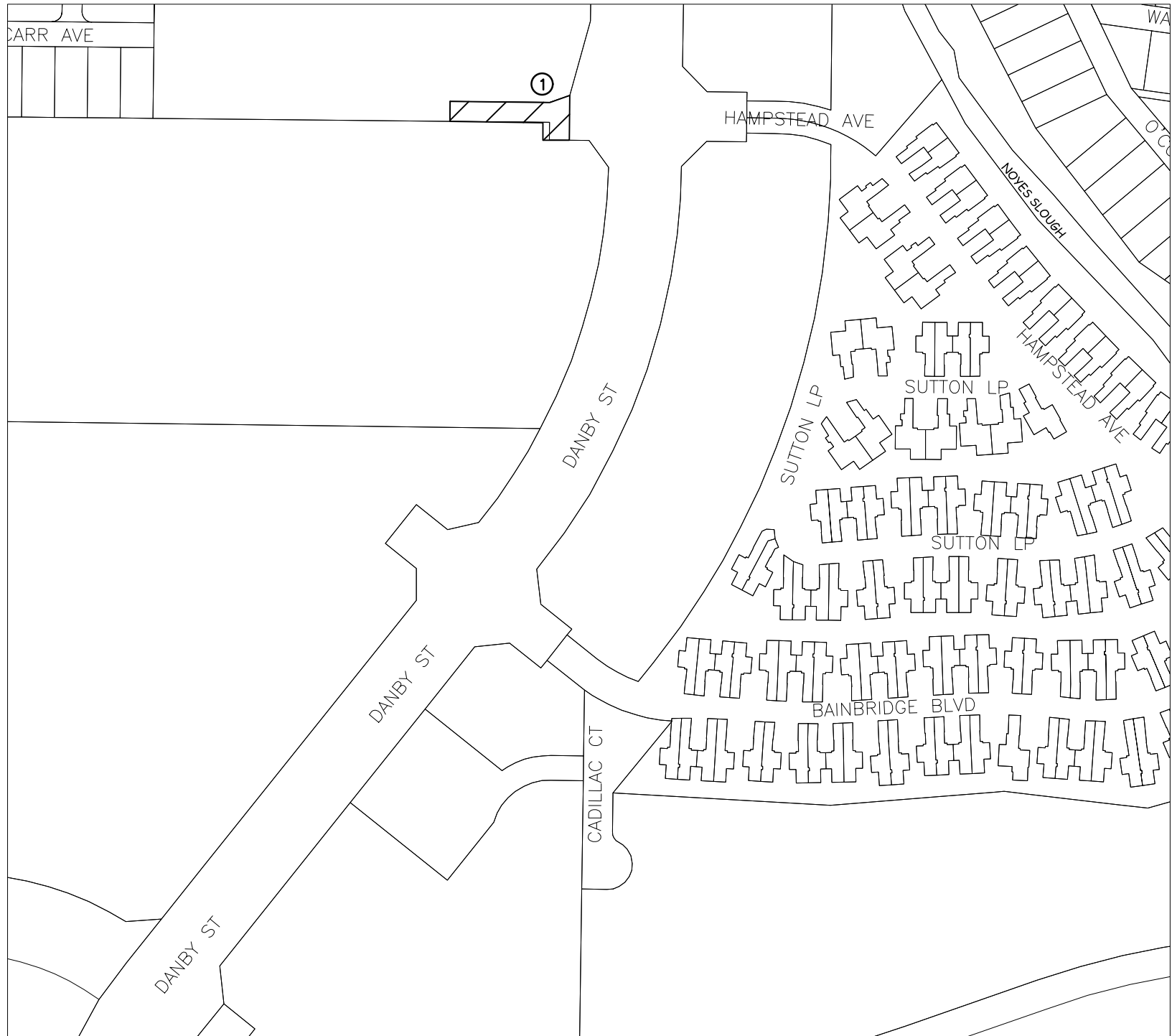
**ESTIMATE OF QUANTITIES PAY ITEM

***ONE ADA SPACE WILL BE RESTRIPE AS AN ACCESS AISLE ON 2ND AVE PER DIRECTION OF THE ENGINEER.



04/30/19

DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department	Project ITB-19-05	3.11
DRAWN: C.O.F. STAFF	_____				
CHECKED: R.H.P.	CITY ENGINEER				
DATE: 04/10/19	DATE				OF 22 SHEETS
SCALE: NONE					
DATE	REVISION	BY			



FAIRBANKS AREA 1-5

SEE TABLE THIS SHEET FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS

NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	*24" CROSSWALKS (EACH)	*24" CROSSWALKS (LF)	**24" STANDARD CROSSWALKS (SF)	LOCATION GUIDELINES
①	Paint	Hampstead Avenue		-	2	220	440	Anne Wien Elem. School to
				TOTAL	2	220	440	

FAIRBANKS AREA 1-5

SEE PLAN THIS SHEET GENERAL STREET LOCATION
 *FOR INFORMATIONAL PURPOSE ONLY
 **ESTIMATE OF QUANTITIES PAY ITEM



04/30/19

DATE	REVISION	BY

SCALE: NONE

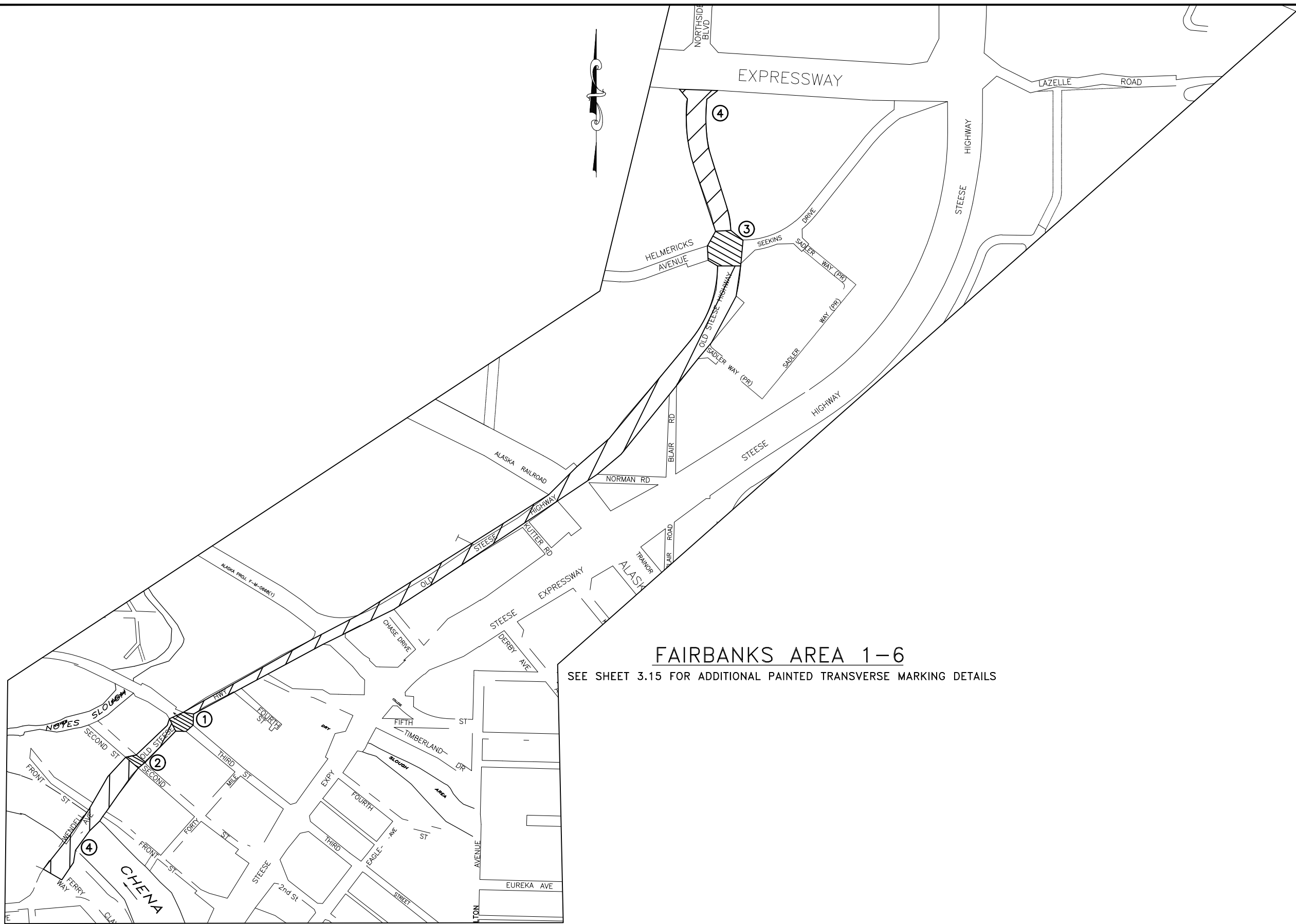
DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED _____
 CITY ENGINEER
 DATE _____

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.12
 OF 22 SHEETS



FAIRBANKS AREA 1-6

SEE SHEET 3.15 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

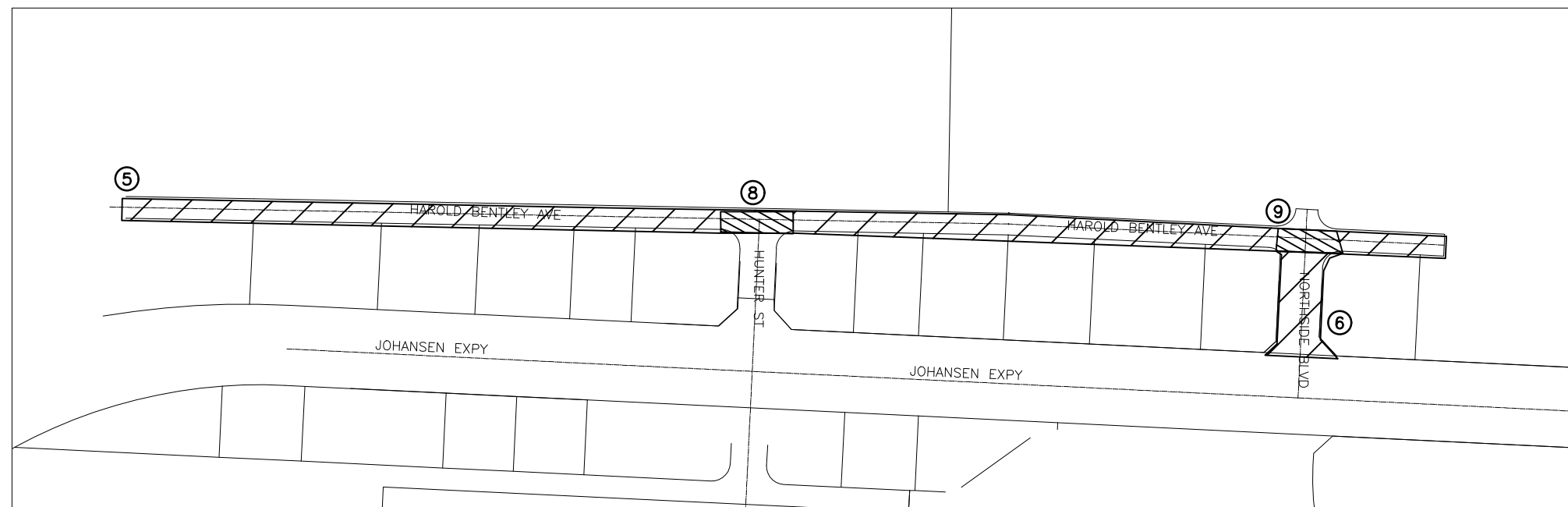
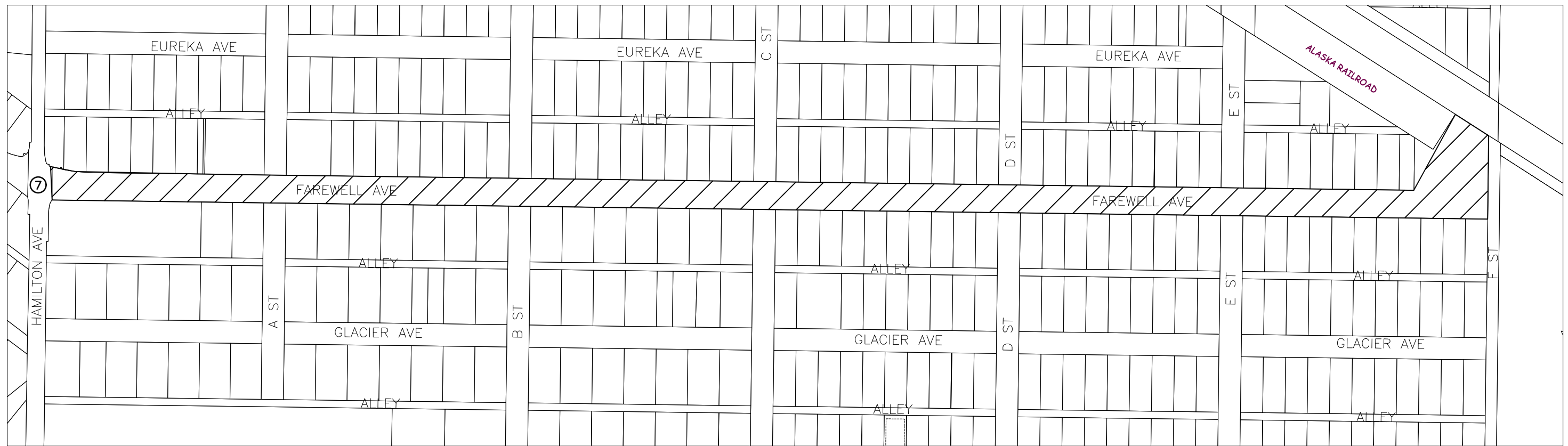
DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED _____
 CITY ENGINEER
 DATE _____

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.13
 OF 22
 SHEETS



FAIRBANKS AREA 1-6

SEE SHEET 3.15 FOR ADDITIONAL PAINTED TRANSVERSE MARKING DETAILS



04/30/19

DATE	REVISION	BY

SCALE: NONE

DESIGNED: C.O.F. STAFF
 DRAWN: C.O.F. STAFF
 CHECKED: R.H.P.
 DATE: 04/10/19

APPROVED

 CITY ENGINEER
 DATE

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
 Engineering Department
Project ITB-19-05

3.14
 OF 22
 SHEETS

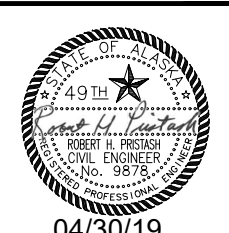
NO.	PAVEMENT MARKING TYPE	PRIMARY STREET	SECONDARY STREET	CARDINAL DIRECTION	* 24" CROSSWALKS (EACH)	* 24" CROSSWALKS (LF)	** 24" STANDARD CROSSWALKS (SF)	** RIGHT/LEFT ARROWS (EACH)	** COMBINATION ARROW (EACH)	* 18" DIAGONAL ISLAND STRIPING - YELLOW (EACH)	* 18" DIAGONAL ISLAND STRIPING - YELLOW (LF)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

FAIRBANKS AREA 1-6

SEE SHEETS 3.13 & 3.14 FOR GENERAL STREET LOCATION

* *FOR INFORMATIONAL PURPOSE ONLY

** **ESTIMATE OF QUANTITIES PAY ITEM



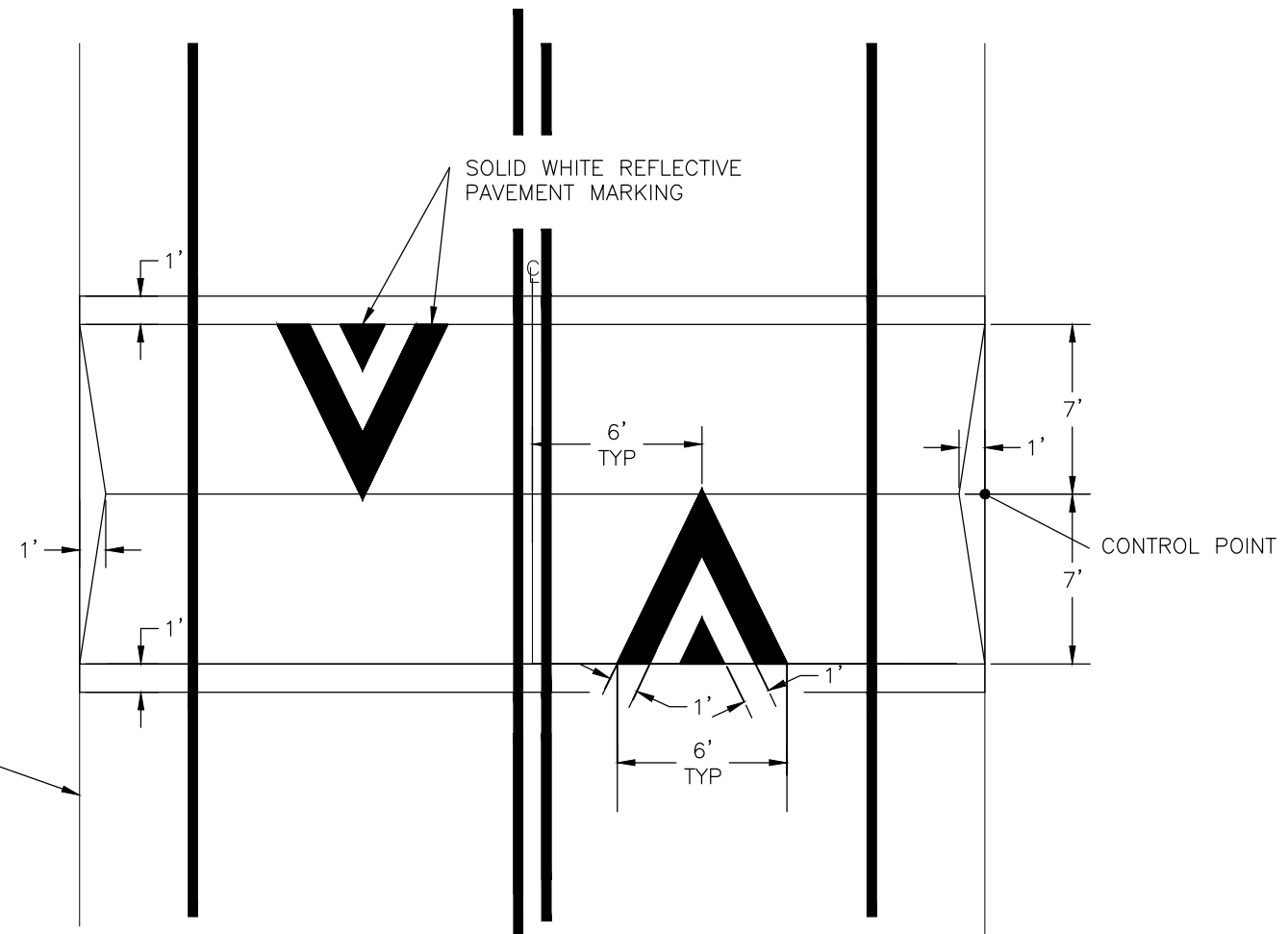
04/30/19

DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department Project ITB-19-05	3.15 OF 22 SHEETS
DRAWN: C.O.F. STAFF	_____			
CHECKED: R.H.P.	CITY ENGINEER			
DATE: 04/10/19	DATE			
SCALE: NONE				
DATE	REVISION	BY		

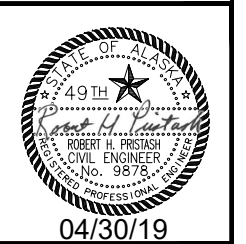
Pavement Marking Type	Subdivision	Road	# of Speed Humps
Paint	Hamilton Acres	Dunbar Ave	2
	Hamilton Acres	Eureka Ave	5
	Hamilton Acres	Farewell Ave	1
	Hamilton Acres	Glacier Ave	6
	Hamilton Acres	Haines Ave	4
	Hamilton Acres	Ketchikan Ave	1
	Hamilton Acres	Hamilton Ave	2
	Hamilton Acres	B Street	3
	Hamilton Acres	C Street	6
	Hamilton Acres	D Street	6
	Hamilton Acres	E Street	3
	Hamilton Acres	F Street	5
	Hamilton Acres Total		
Paint	Shannon Park	Joyce Dr	6
	Shannon Park	Carlton Dr	1
	Shannon Park	Droz Dr	2
	Shannon Park	Cindy Dr	2
	Shannon Park	Le-Ann Dr	3
	Shannon Park	Shannon Dr	7
	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 Park Total		
Paint	Island Homes	Slater Dr	11
	Island Homes	Bentley Dr	6
	Island Homes	Kody Dr	2
Island Homes Total			19
Paint	Graehl	40-mile Ave	2
	Graehl	2nd Street	1
Graehl Total			3
Paint	Arctic Park	Lathrop St	2
	Arctic Park	Kennicott Ave	3
	Arctic Park	McCarty Ave	2
Arctic Park Total			7
Paint	Bjerrenmark	A-64	1
	Bjerrenmark	A-64	1
Bjerrenmark Total			2

SPEED HUMP

EDGE OF EXISTING PAVEMENT



PLAN VIEW
NOT TO SCALE



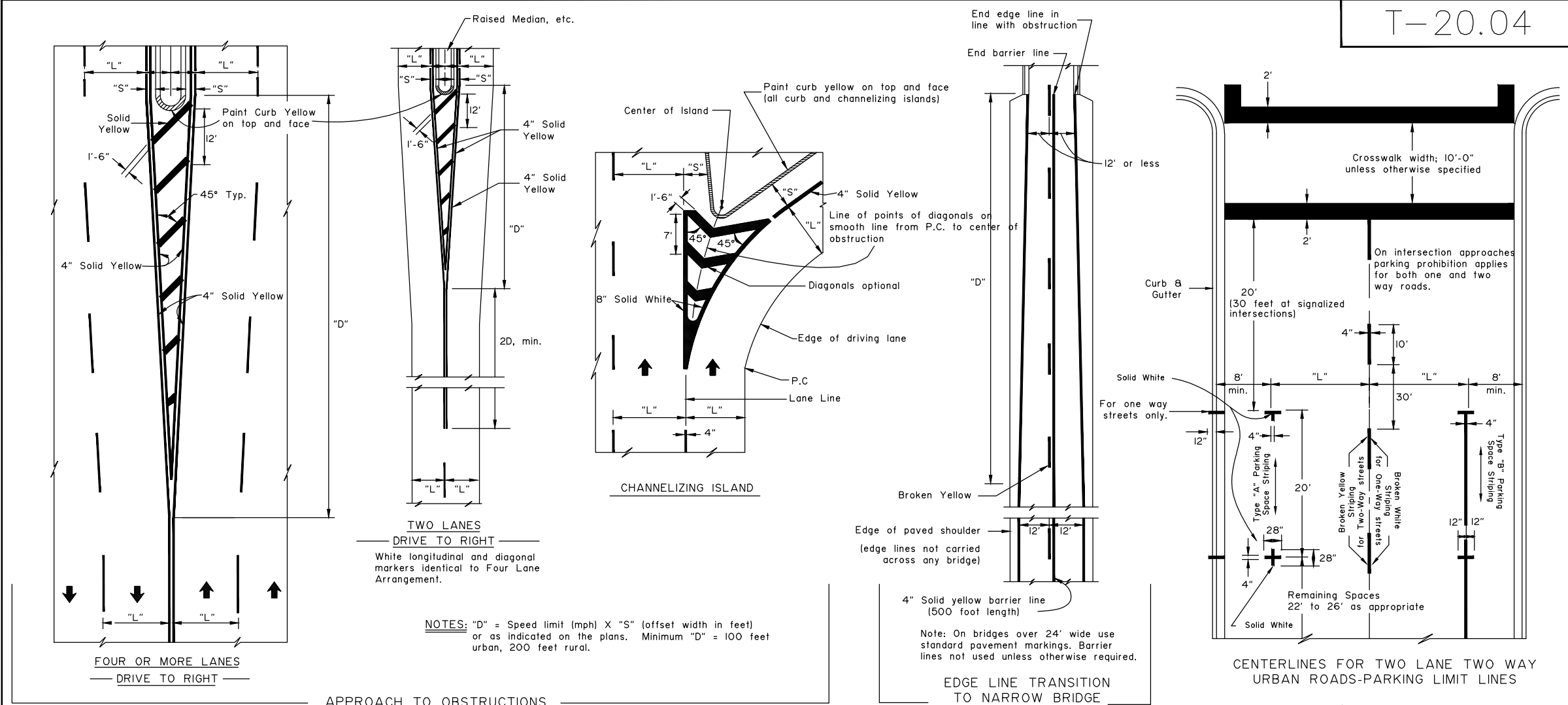
DATE	REVISION	BY

DESIGNED: C.O.F. STAFF	APPROVED
DRAWN: C.O.F. STAFF	_____
CHECKED: R.H.P.	CITY ENGINEER
DATE: 04/10/19	DATE

SCALE: NONE

Transverse Pavement Markings

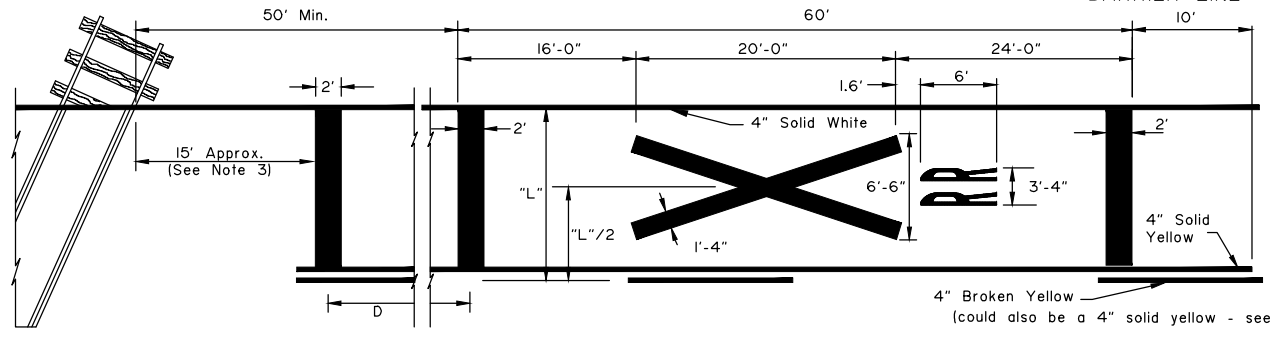
CITY OF FAIRBANKS, ALASKA
Engineering Department
Project ITB-19-05



NOTES: "D" = Speed limit (mph) X "S" (offset width in feet) or as indicated on the plans. Minimum "D" = 100 feet urban, 200 feet rural.

Note: On bridges over 24' wide use standard pavement markings. Barrier lines not used unless otherwise required.

- RAILROAD CROSSING NOTES:**
- All markings solid white unless indicated otherwise.
 - On 4-lane roadways place railroad crossing approach markings in each lane of the approach.
 - Locate Stop Bar 15' from railroad track or 8' from gate, if present.
 - Place edge lines and lane lines on a uni-directional approach in a normal manner except that the lane line(s) shall be solid 4" white in lieu of broken for a distance of (D+60') in advance of the stop bars.
- | POSTED LIMIT | D |
|--------------|------|
| 30 M.P.H. | 225' |
| 40 | 350' |
| 50 | 475' |
| 60 | 625' |



APPROACH TO RAILROAD CROSSING ON 2 LANE 2 WAY HIGHWAY

- GENERAL NOTES:**
- "S" = offset distance as shown on the plans, otherwise 1 to 2 feet.
 - "L" = driving lane width.
 - See the Alaska Traffic Manual for additional guidance and/or restrictions on the use of traffic control devices.

NOT TO SCALE

REVISIONS		
Date	Description	By
12/11/18	Fixed "X" Dimensions	SP

State of Alaska DOT&PF
PAVEMENT MARKING APPLICATIONS

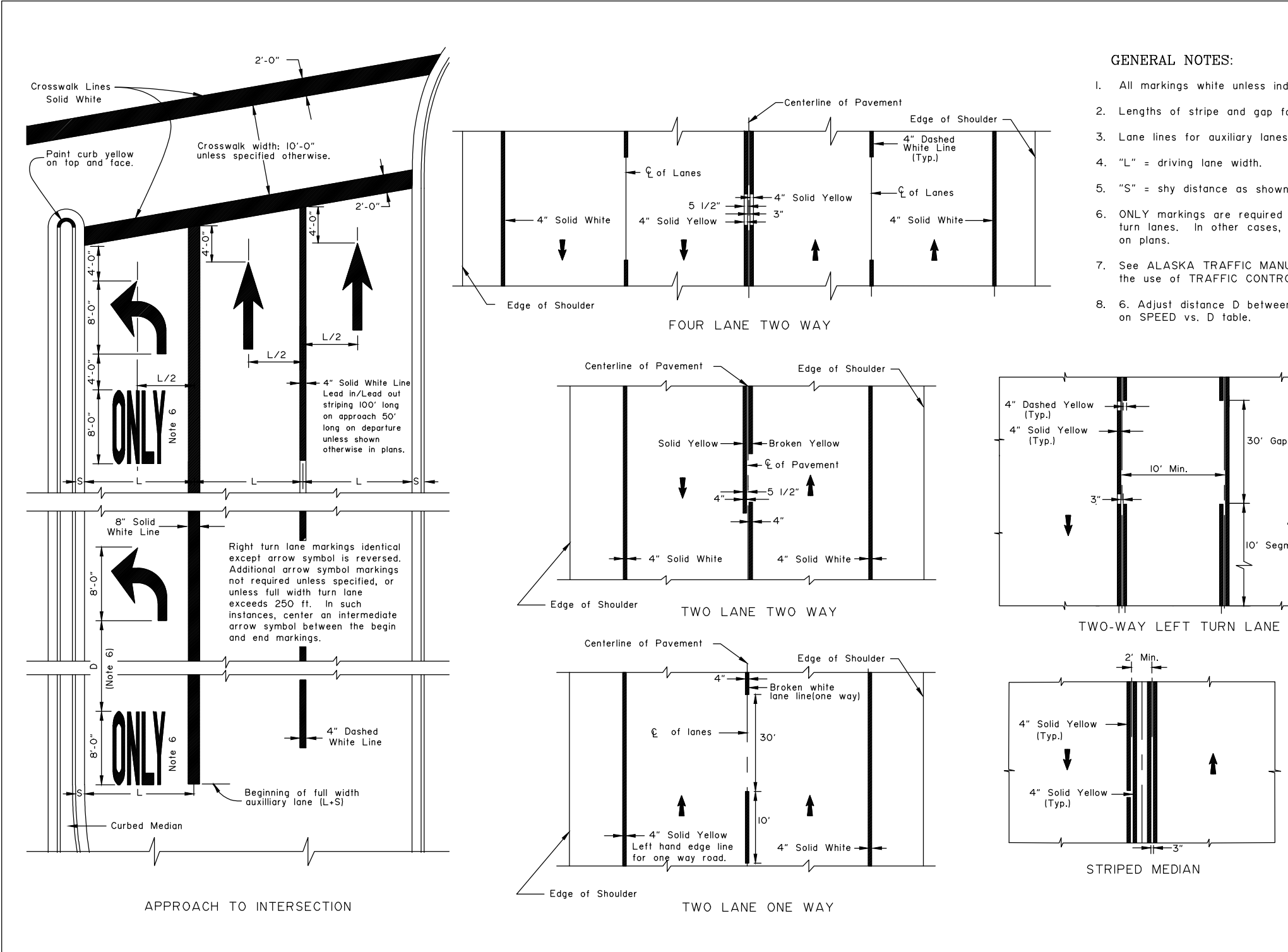
T-20.04

NOTE TO DESIGNERS:
 INCLUDE THIS SHEET IN THE PLANS WITHOUT ANY MODIFICATIONS. FOR CONSISTENCY THIS IS PREFERRED, BUT IF MODIFICATIONS ARE NECESSARY IT IS NO LONGER A "STANDARD DRAWING" AND MUST BE INCLUDED AS DETAILS ELSEWHERE IN THE PLANS.



04/30/19

DATE	REVISION	BY	SCALE: NONE	DESIGNED: C.O.F. STAFF	APPROVED	Transverse Pavement Markings	CITY OF FAIRBANKS, ALASKA Engineering Department	4.01
				DRAWN: C.O.F. STAFF	CITY ENGINEER			
				CHECKED: R.H.P.				
				DATE: 04/10/19				



- GENERAL NOTES:**
- All markings white unless indicated otherwise.
 - Lengths of stripe and gap for lane and center lines identical.
 - Lane lines for auxiliary lanes are unbroken solid lines.
 - "L" = driving lane width.
 - "S" = shy distance as shown on plans, otherwise 1 to 2 feet.
 - ONLY markings are required where through lanes change to turn lanes. In other cases, apply ONLY markings as indicated on plans.
 - See ALASKA TRAFFIC MANUAL for additional instruction on the use of TRAFFIC CONTROL DEVICES.
 - Adjust distance D between ONLY and Turn Arrow based on SPEED vs. D table.

SPEED	D
25 or less	35'
30	45'
35	50'
40	60'
45	65'
50	75'
55 or more	80'

REVISIONS		
Date	Description	By
1/1/86	Arrow Dimension	Gdo
1/1/96	Intersect. Note	Gdo
4/28/10	Details, labels, notes	KJS

State of Alaska
Department of Transportation
& Public Facilities
PAVEMENT MARKING APPLICATIONS

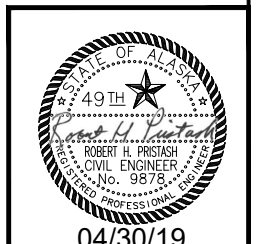
NOTE TO DESIGNERS:
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DATE	REVISION	BY

DESIGNED: C.O.F. STAFF	APPROVED
DRAWN: C.O.F. STAFF	_____
CHECKED: R.H.P.	CITY ENGINEER
DATE: 04/10/19	DATE

Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
Engineering Department
Project ITB-19-05

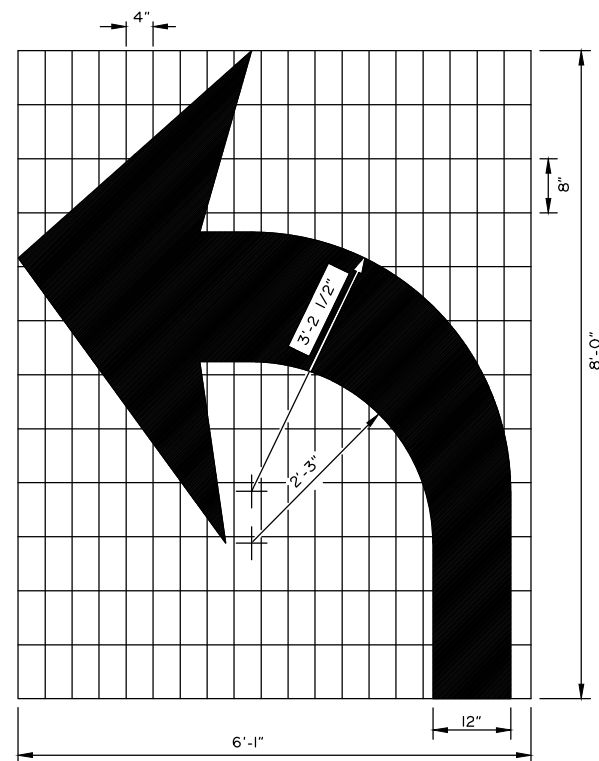


04/30/19

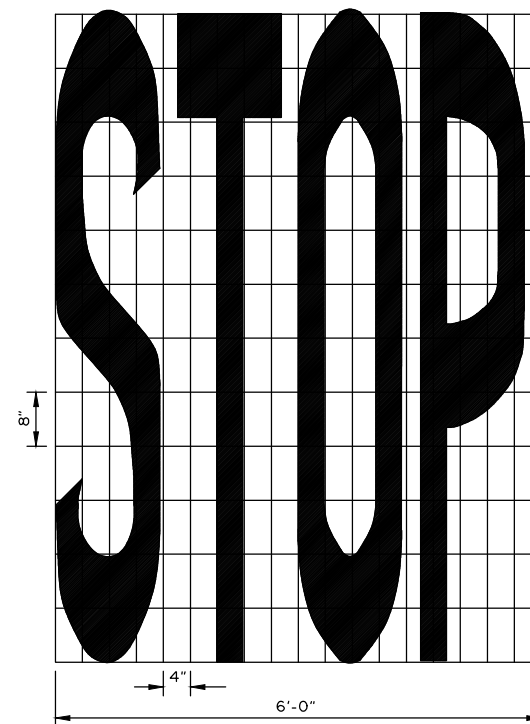
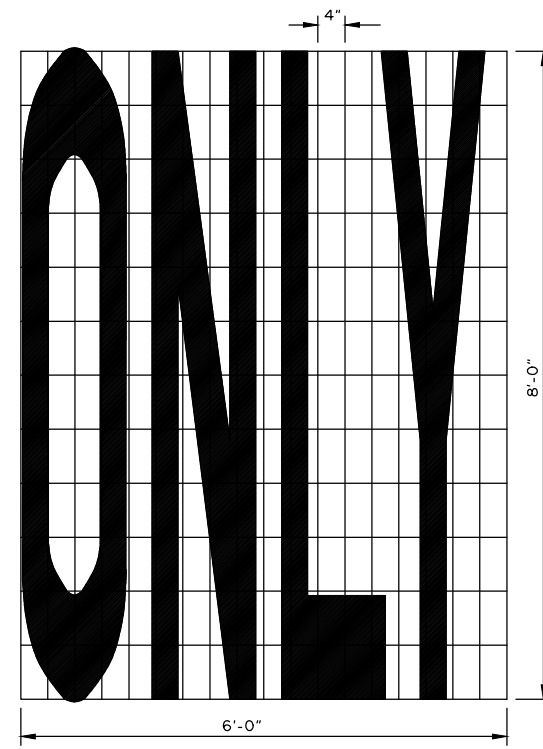
T-21.03

GENERAL NOTES:

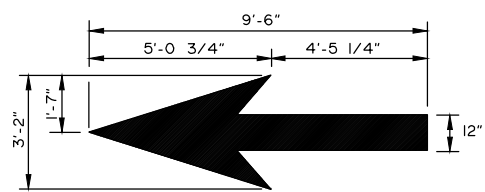
1. All symbols shown shall be white and reflectorized in accordance with the Special Provisions.
2. See the Alaska Sign Design Specifications (ASDS) for lettering and symbols for pavement marking details not provided on this drawing.



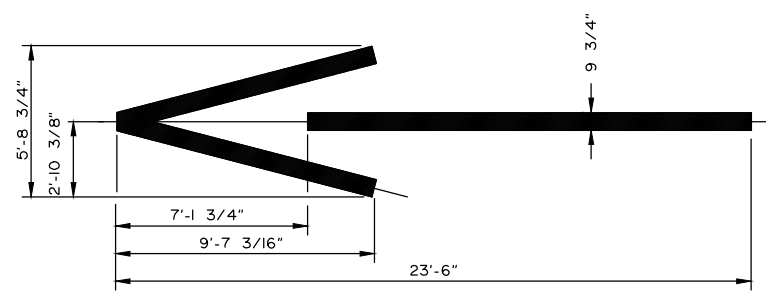
Right turn auxiliary lane usage markings identical except arrow symbol is reversed.



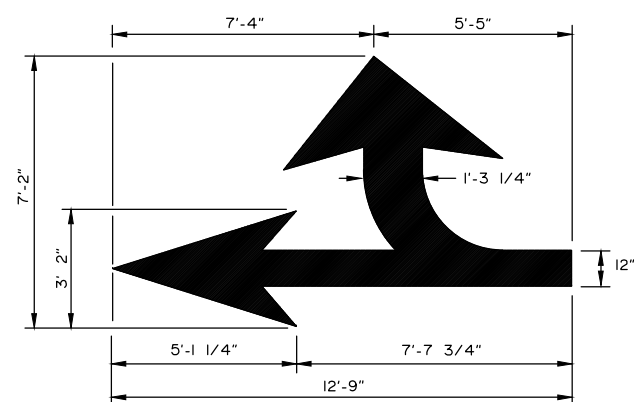
LAYOUT TEMPLATES FOR STENCILS



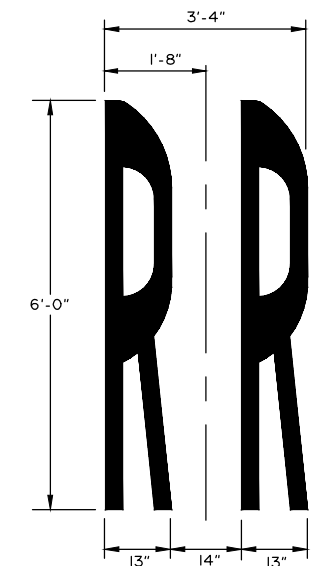
STRAIGHT AHEAD ARROW



WRONG WAY ARROW



COMBINATION ARROW



RAILROAD SYMBOL

REVISIONS		
Date	Description	By
12/11/18	Revise RR Symbol	SP

State of Alaska DOT&PF
PAVEMENT MARKING
SYMBOL DIMENSIONS

T-22.04

NOTE TO DESIGNERS:
INCLUDE THIS SHEET IN THE PLANS WITHOUT ANY MODIFICATIONS. FOR CONSISTENCY THIS IS PREFERRED, BUT IF MODIFICATIONS ARE NECESSARY IT IS NO LONGER A "STANDARD DRAWING" AND MUST BE INCLUDED AS DETAILS ELSEWHERE IN THE PLANS.

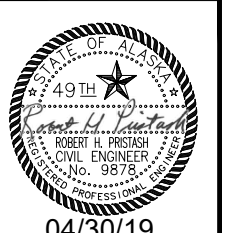
DATE	REVISION	BY

DESIGNED: C.O.F. STAFF	APPROVED
DRAWN: C.O.F. STAFF	_____
CHECKED: R.H.P.	CITY ENGINEER
DATE: 04/10/19	DATE

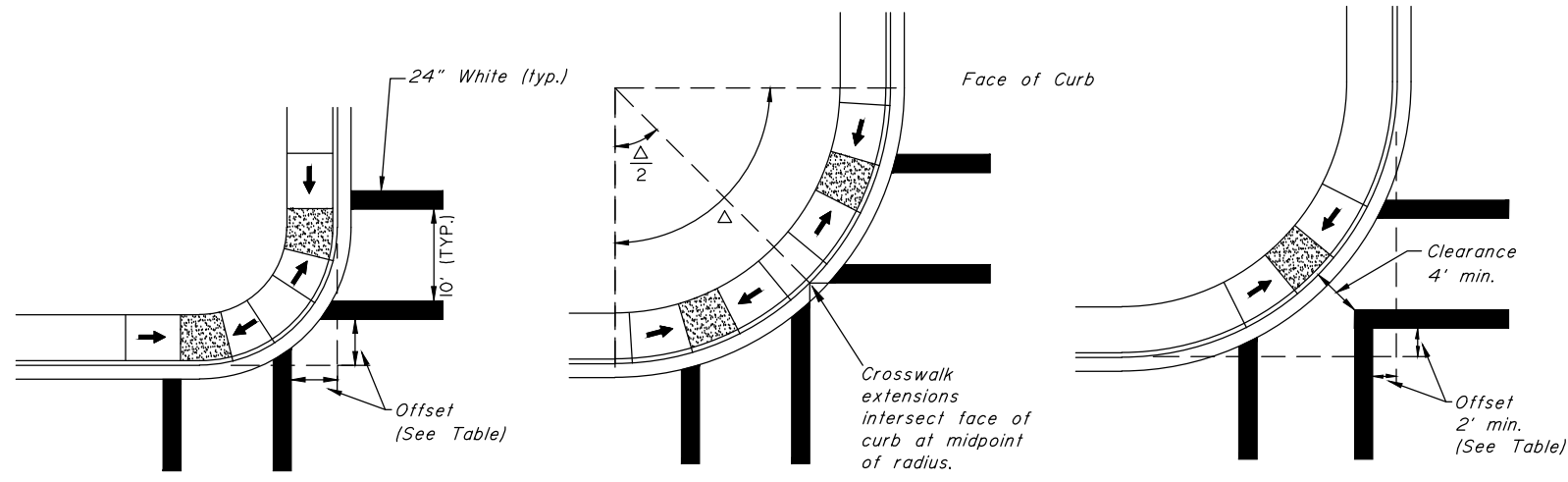
Transverse Pavement Markings

CITY OF FAIRBANKS, ALASKA
Engineering Department
Project ITB-19-05

4.03
OF 22
SHEETS



04/30/19



CASE 1
Dual Curb Ramps
Radius ≤ 25'

CASE 1	
Crosswalk Offset From Face of Curb	
Radius (ft.)	Offset (ft.)
5	5
10	6
15	7
20	8
25	9

CASE 2
Dual Curb Ramps
25' < Radius ≤ 50'

CASE 3
Single Central Curb Ramp
25' ≤ Radius ≤ 50'
(Not Recommended)

CASE 3	
Crosswalk Offset From Face of Curb	
Radius (ft)	Offset (ft)
25	2
30	3
35	5
40	6
45	8
50	9

- NOTES.
1. The crosswalk locations shown assume a 90-degree intersection - adjust as necessary on skewed intersections to ensure that crosswalk landings (for parallel curb ramps) or ramp runs (for perpendicular curb ramps) fall within the inner edges of crosswalk stripes. If Case 3 (not recommended) is used, the layout should also be adjusted to provide at least the minimum clearance while maximizing the offset.
 2. Although border crosswalks are shown, these details apply to ladder crosswalks also. When used, the outside of 10' wide ladder crosswalks should coincide with the inside of border crosswalks as shown here.
 3. Border crosswalks should be used at traffic signals or on approaches controlled by stop signs. At other locations, ladder crosswalks should be used.
 4. If only one crosswalk connects with a curb radius, it should be located as if there were two connecting crosswalks.
 5. These details apply to parallel (shown) as well as perpendicular curb ramps.
 6. Case 3, the layout for a single central curb ramp, should be used only when installing two ramps is not feasible. It should not be used for radii under 25 feet. See plans for ramp layout at particular locations.
 7. Radius is measured to the face of curb.

REVISIONS		
Date	Description	By

State of Alaska
Department of Transportation
& Public Facilities
**CROSSWALK LOCATION
AT INTERSECTIONS**

T-23.00

NOTE TO DESIGNERS:
INCLUDE THIS SHEET IN THE PLANS WITHOUT ANY MODIFICATIONS. FOR CONSISTENCY THIS IS PREFERRED, BUT IF MODIFICATIONS ARE NECESSARY IT IS NO LONGER A "STANDARD DRAWING" AND MUST BE INCLUDED AS DETAILS ELSEWHERE IN THE PLANS.



04/30/19