

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

LOCATIONS SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA. THAT MONUMENTS SHOWN HEREON WERE RECOVERED BY ME OR UNDER MY SUPERVISION AND EXIST AS DESCRIBED.

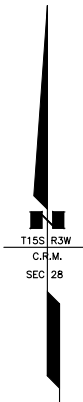
TROY M. HICKS LS-14471 DATE



RIGHT OF WAY SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, AND THAT THIS PLAT WAS MADE BY ME OR UNDER MY SUPERVISION. I DECLARE THAT THIS PLAT IS BASED ON INFORMATION COMPILED FROM RECORD DATA AND CONTROLLED BY RECOVERED MONUMENTATION AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE ACCURATE.

TIMOTHY L. SPROUT LS-10769 Date



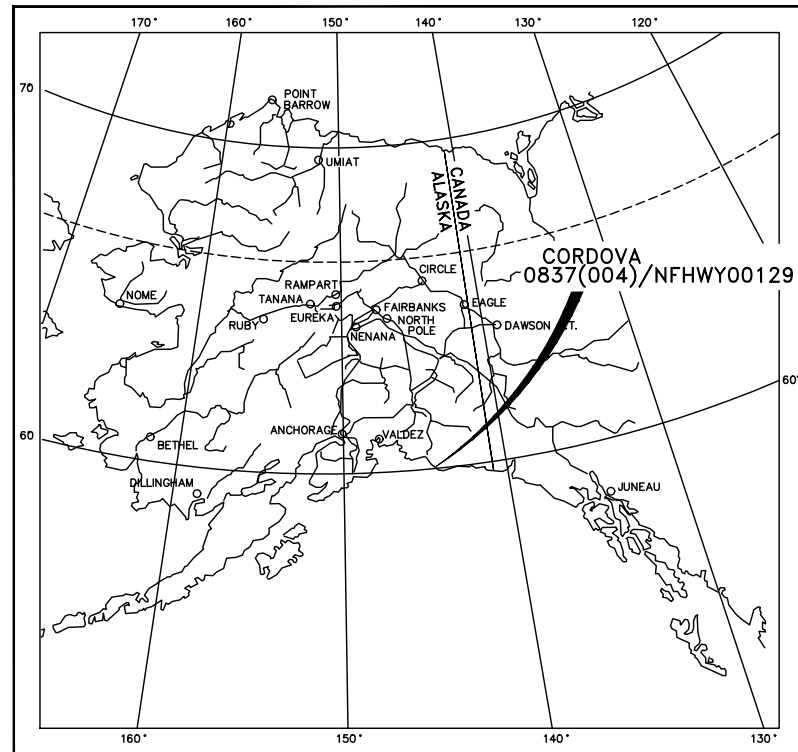
PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
APPROVED _____

ACTING CHIEF, RIGHT OF WAY
NORTHERN REGION

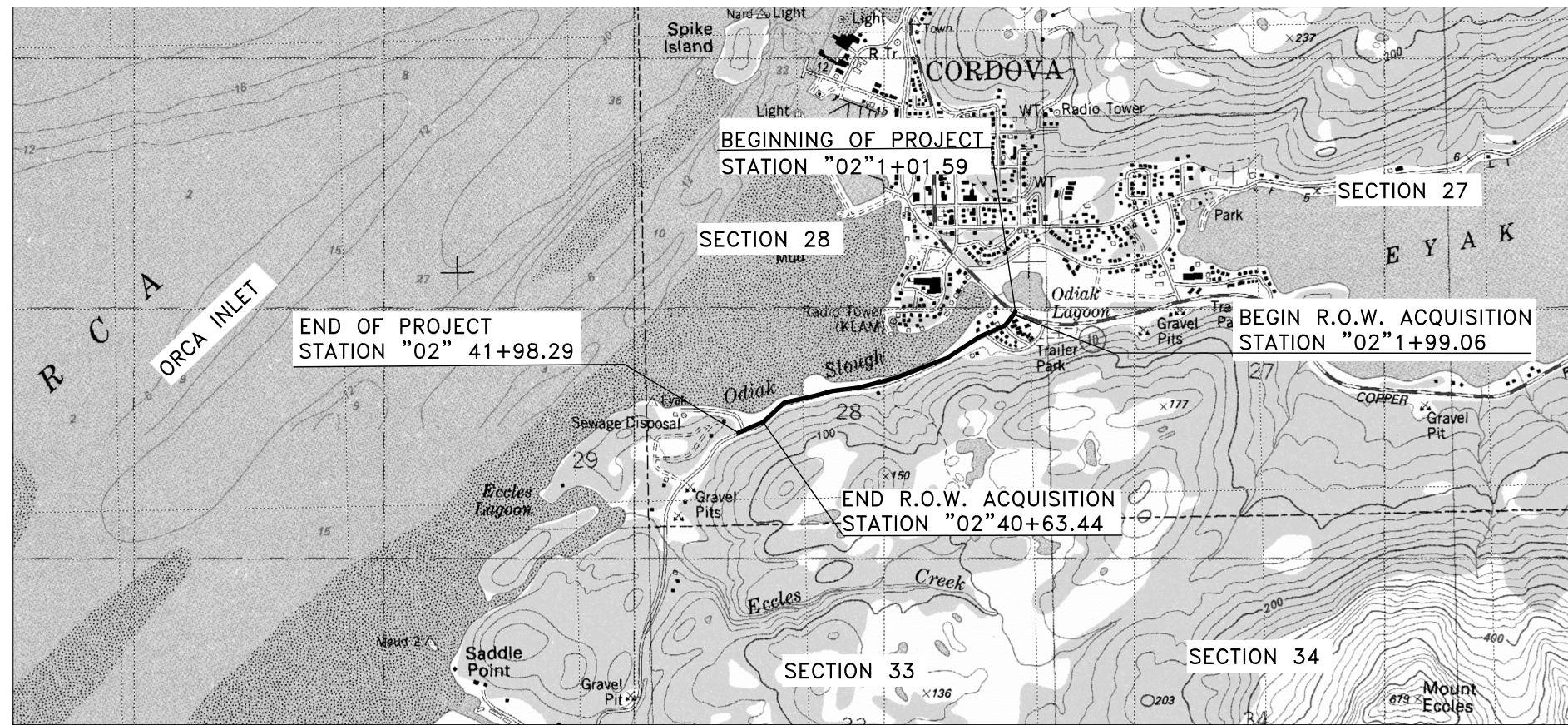
1 INCH = ±1250 FEET

LENGTH OF PROJECT: 0.777 MILES



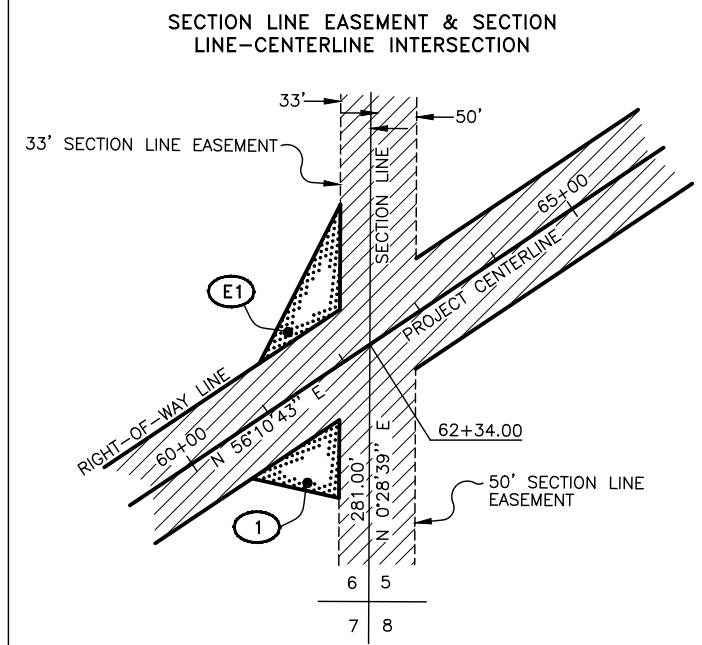
RIGHT OF WAY MAP
0837(004)/NFHWY00129
WHITSHED ROAD AND PEDESTRIAN
IMPROVEMENTS--CORDOVA

WITHIN SECTION 28, T. 15 S, R. 03 W, C.R.M., ALASKA
CORDOVA RECORDING DISTRICT
STATE BUSINESS, NO CHARGE



H:\ROWE\Eng\Hwys\NFHWY00129 Point_Whitshed_Road\Acad\POINT WHITSHED ROW BASE MAP.dwg Jul 22, 2022 - 5:30am

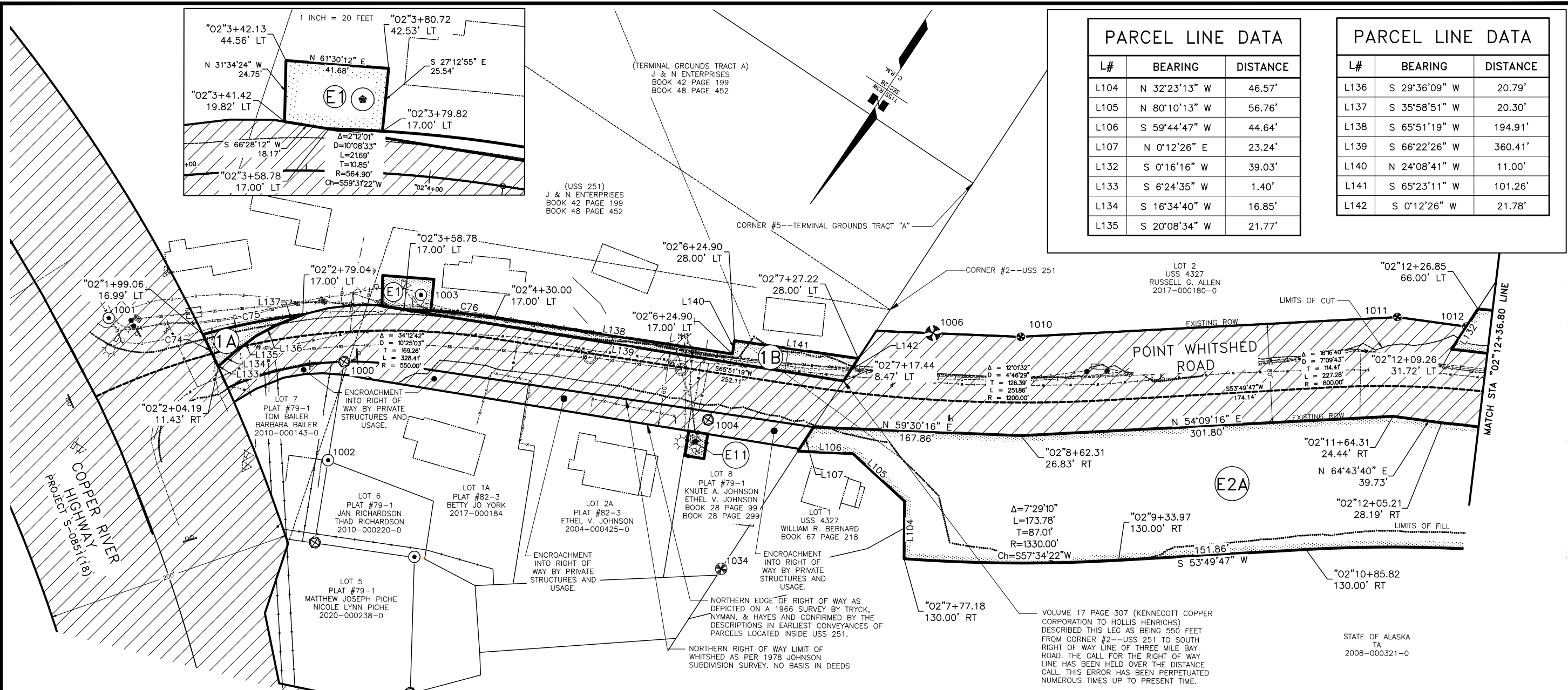
RECOVERED		SET									
BLM MONUMENT				HWY MILEPOST		EXISTING RISER		EXISTING SIGN 1, 2, AND 3 POST			
GLO MONUMENT				EXISTING RIGHT-OF-WAY		EXISTING CATCH BASIN OR DROP INLET		EXISTING POST OR BOLLARD			
USC&GS MONUMENT				RIGHT-OF-WAY REQUIRED		EXISTING MANHOLE		EXISTING SANITARY CLEAN OUT			
PRIMARY MONUMENT				STATION EQUATION	$\frac{L}{100+00.00} = \frac{L''48+97.23 \text{ POT BK} =}{O''48+97.23 \text{ PC AHD}}$	EXISTING FIRE HYDRANT		EXISTING SEPTIC VENT			
CENTERLINE MONUMENT IN CASING				DESIGN/CONSTRUCTION CENTERLINE		EXISTING CULVERT PIPE		EXISTING WELL OR MONITORING WELL			
PRIMARY R.O.W. MONUMENT				OTHER CENTERLINE		EXISTING POWER POLE		EXISTING FUEL TANK FILL PIPE/VENT			
BEARING OBJECT				EXISTING RAILROAD CENTERLINE		EXISTING SIGNAL POLE W/ MAST ARM		EXISTING SATELLITE DISH		SAT. DISH	
MISCELLANEOUS MONUMENT				EXISTING GUARD RAIL		EXISTING LUMINAIRE		TEST HOLE		TH	
LINE OF SIGHT MONUMENT				EXISTING ROADWAY		EXISTING POLE GUY ANCHOR		CONIFER TREE			
CONCRETE R.O.W. MONUMENT				WATER BOUNDARY		EXISTING POLE STUB TELEPHONE		DECIDUOUS TREE			
SURVEY PANEL POINT				WETLANDS OR MARSH		EXISTING POLE STUB POWERLINE					
REBAR AND CAP				OHW LINE		EXISTING TELEPHONE PEDESTAL					
REBAR				FLOW CENTERLINE		EXISTING JOINT USE POWER & TELEPHONE					
IRON PIPE				FLOW DIRECTION		EXISTING TELEPHONE POLE LINE					
PK NAIL				MEANDER LINE		EXISTING SIGNAL POST W/O MAST ARM					
SPIKE				EASEMENT ACQUISITION		EXISTING MAILBOX					
HUB AND TACK				FEE ACQUISITION		EXISTING GRAVE					
SECTION LINE				EXISTING SANITARY SEWER LINE		EXISTING VEHICLE PLUG-IN OR HEADBOLT HEATER					
1/4 SECTION LINE				EXISTING FUEL LINE		EXISTING BURIED CABLE MARKER					
1/16 SECTION LINE				EXISTING GAS LINE		EXISTING WATER METER					
SURVEY CONTROL LINE				EXISTING WATER LINE		EXISTING WATER VALVE					
TOWNSHIP & RANGE LINE				EXISTING STORM DRAIN LINE		EXISTING PIPELINE VALVE					
PROJECT LIMITS EXISTING RIGHT-OF-WAY				EXISTING FIBER OPTIC LINE		EXISTING PIPELINE MARKER					
NEW RIGHT-OF-WAY LINE				EXISTING BURIED TELEPHONE CABLE		EXISTING PARKING METER					
EXISTING RIGHT-OF-WAY LINE				EXISTING BURIED ELECTRIC LINE		EXISTING BUILDINGS					
EXISTING PROPERTY LINE				EXISTING OVERHEAD ELECTRIC LINE							
ACCESS CONTROL LINE				EXISTING VEGETATION							
EXISTING UTILITY EASEMENT LINE				PROPERTY TIE							
PROPOSED UTILITY EASEMENT LINE				EXISTING FENCE							
PROPOSED CUT SLOPE LIMIT											
PROPOSED FILL SLOPE LIMIT											



PLAN SHEET MATCH LINES

MATCH 10+00 LINE
MATCH SHEET 5 LINE

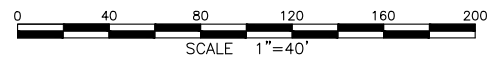
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND
 PUBLIC FACILITIES
 RIGHT OF WAY MAP
 ALASKA PROJECT NO.
0837(004)/NFHWY00129
POINT WHITSHED ROAD & PEDESTRIAN IMPROVEMENTS



PARCEL LINE DATA		
L#	BEARING	DISTANCE
L104	N 32°23'13" W	46.57'
L105	N 80°10'13" W	56.76'
L106	S 59°44'47" W	44.64'
L107	N 0°12'26" E	23.24'
L132	S 0°16'16" W	39.03'
L133	S 6°24'35" W	1.40'
L134	S 16°34'40" W	16.85'
L135	S 20°08'34" W	21.77'

PARCEL LINE DATA		
L#	BEARING	DISTANCE
L136	S 29°36'09" W	20.79'
L137	S 35°58'51" W	20.30'
L138	S 65°51'19" W	194.91'
L139	S 66°22'26" W	360.41'
L140	N 24°08'41" W	11.00'
L141	S 65°23'11" W	101.26'
L142	S 0°12'26" W	21.78'

PARCEL CURVE DATA					
C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C74	1°12'19"	1373.24'	28.89'	14.45'	N 58°13'01" W
C75	8°20'50"	565.92'	82.45'	41.30'	N 45°57'34" E
C76	7°26'47"	564.90'	73.42'	36.76'	N 62°08'45" E



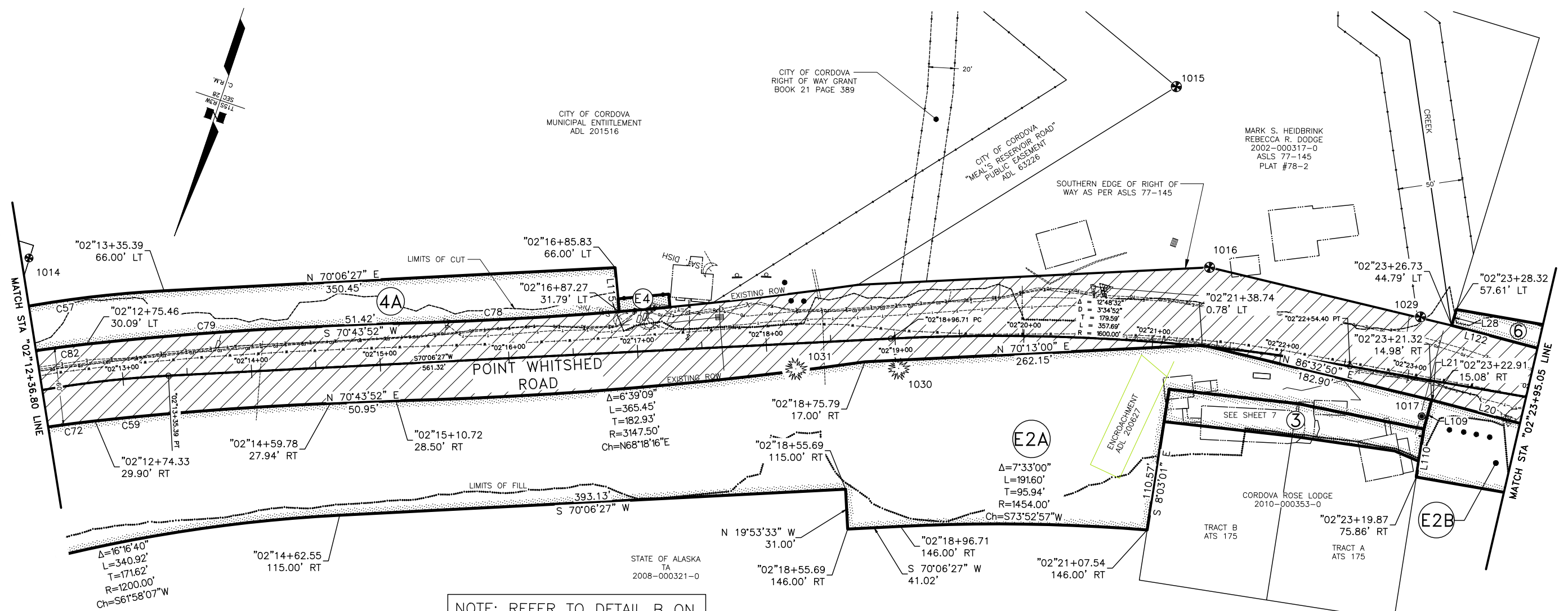
PRELIMINARY

PARCEL NUMBER	INTEREST TO BE ACQUIRED	OWNER(S)	LARGER PARCEL	ACQUISITION INCL. EXISTING	NET ACQUISITION	REMAINDER	INSTRUMENT NO.
E11	UTILITY EASEMENT	KNUTE A. JOHNSON ETHEL V. JOHNSON	0.217 AC	0.007 AC	0.007 AC	0.210 AC	
4A	ROW FEE	CITY OF CORDOVA	LARGE	0.381 AC	0.381 AC	LARGE	
E2A	UTILITY EASEMENT	STATE OF ALASKA	LARGE	3.291 AC	3.291 AC	LARGE	
E1	UTILITY EASEMENT	J & N ENTERPRISES	LARGE	0.024 AC	0.024 AC	LARGE	
1B	ROW FEE	J & N ENTERPRISES	LARGE	0.076 AC	0.076 AC	LARGE	
1A	ROW FEE	J & N ENTERPRISES	LARGE	0.023 AC	0.023 AC	LARGE	

DATE	REVISION	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
0837(004)/NFHWY00129
**POINT WHITSHED ROAD &
PEDESTRIAN IMPROVEMENTS**

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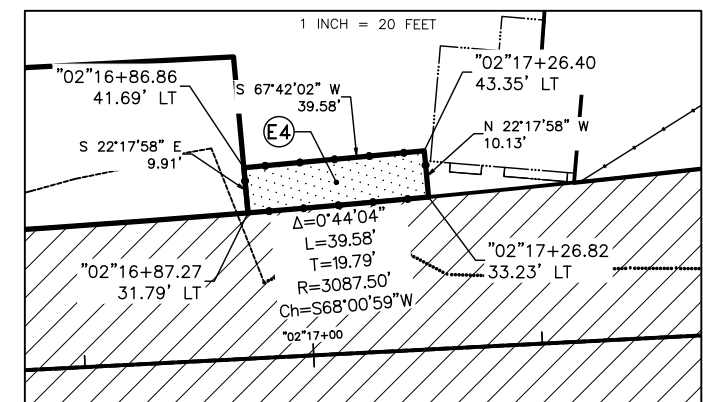


NOTE: REFER TO DETAIL B ON SHEET 7 FOR DETAILS ON PARCEL THREE (3).

NOTE: AS A PART OF THIS PROJECT, ALL EXISTING BUILDINGS LOCATED ON PARCEL 3 TO BE DEMOLISHED.

PARCEL CURVE DATA					
C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C57	7°46'23"	866.00'	117.49'	58.83'	N 66°13'16" E
C59	3°52'23"	2710.00'	183.19'	91.63'	S 68°47'40" W
C72	4°15'38"	896.00'	66.63'	33.33'	N 64°43'40" E
C78	3°15'21"	3087.50'	175.45'	87.75'	S 70°00'41" W
C79	3°52'23"	2770.00'	187.25'	93.66'	S 68°47'40" W
C82	4°07'18"	956.00'	68.77'	34.40'	N 64°47'49" E

PARCEL LINE DATA		
L#	BEARING	DISTANCE
L20	N 87°51'05" E	84.46'
L21	N 86°32'50" E	1.59'
L28	S 0°00'00" E	12.92'
L57	N 86°50'20" E	50.27'
L58	N 87°50'51" E	84.75'
L109	N 1°56'10" W	23.30'
L110	N 8°03'01" W	37.67'
L115	S 22°17'58" E	34.24'
L122	N 87°50'51" E	84.75'



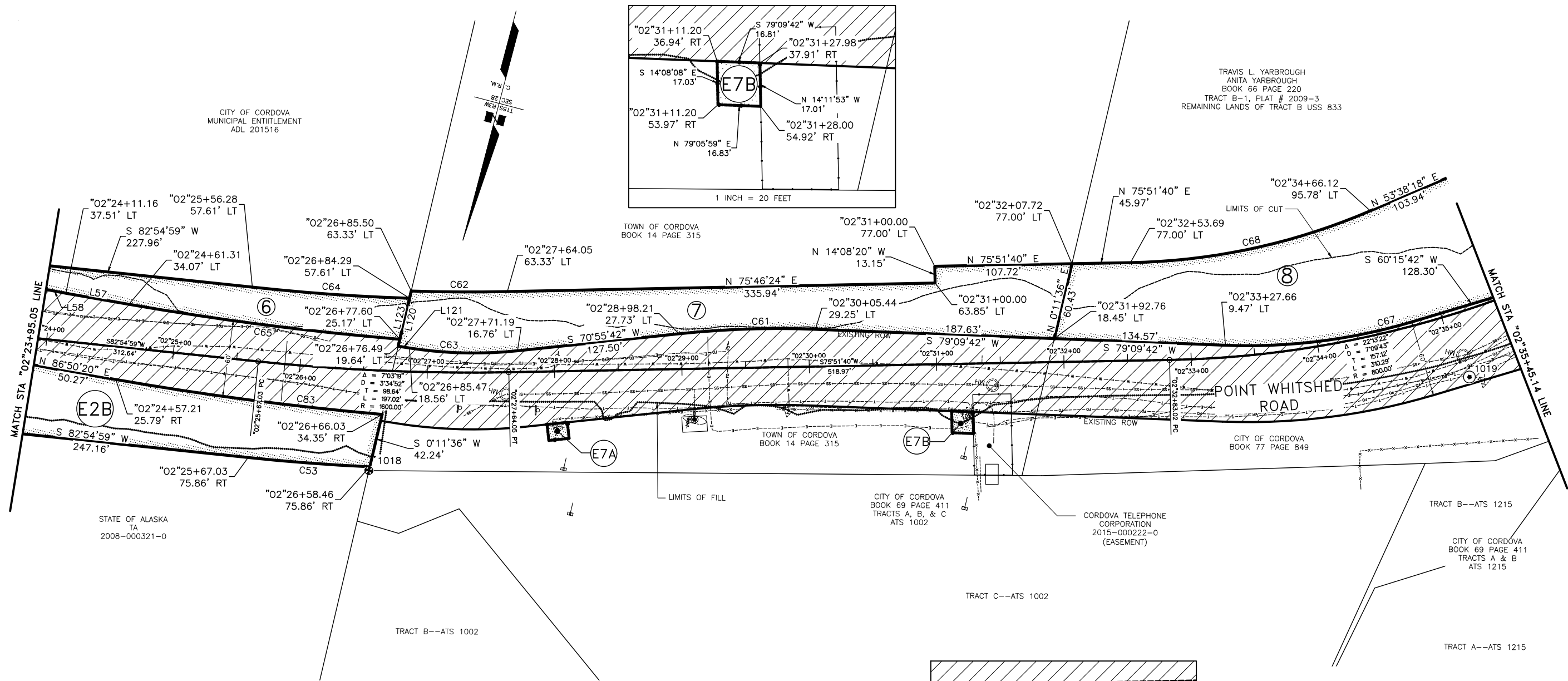
PRELIMINARY

PARCEL NUMBER	INTEREST TO BE ACQUIRED	OWNER(S)	LARGER PARCEL	ACQUISITION INCL. EXISTING	NET ACQUISITION	REMAINDER	INSTRUMENT NO.
6	ROW FEE	CITY OF CORDOVA	LARGE	0.198 AC	0.198 AC	LARGE	
5		DELETED					
E4	UTILITY EASEMENT	CITY OF CORDOVA	LARGE	0.009 AC	0.009 AC	LARGE	
4B		DELETED					
4A	ROW FEE	CITY OF CORDOVA	LARGE	0.381 AC	0.381 AC	LARGE	
3	ROW FEE	CORDOVA ROSE LODGE	0.349 AC	0.112 AC	0.112 AC	0.237 AC	
E2B	ROW ESMT	STATE OF ALASKA	LARGE	0.391 AC	0.391 AC	LARGE	
E2A	ROW ESMT	STATE OF ALASKA	LARGE	3.291 AC	3.291 AC	LARGE	

DATE	REVISION	BY

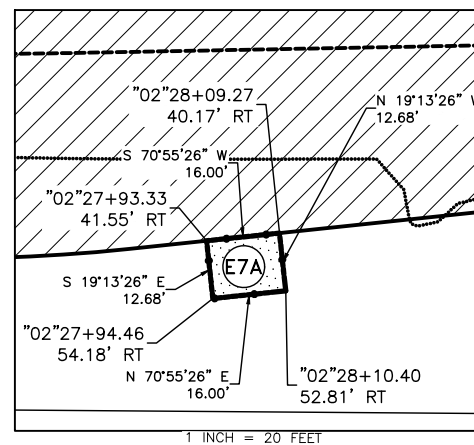
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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RIGHT OF WAY MAP
 ALASKA PROJECT NO.
0837(004)/NFHWY00129
POINT WHITSHED ROAD &
PEDESTRIAN IMPROVEMENTS

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PARCEL LINE DATA		
L#	BEARING	DISTANCE
L20	N 87°51'05" E	84.46'
L57	N 86°50'20" E	50.27'
L58	N 87°50'51" E	84.75'
L120	N 0°11'36" E	44.56'
L121	S 85°47'42" W	8.94'
L123	N 0°11'36" E	33.08'

PARCEL CURVE DATA					
C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C53	3°16'27"	1675.86'	95.77'	47.90'	S 81°16'46" W
C61	8°14'00"	746.93'	107.33'	53.76'	S 75°02'42" W
C62	2°48'47"	1536.67'	75.44'	37.73'	N 77°16'03" E
C63	14°52'00"	327.94'	85.09'	42.79'	S 78°21'42" W
C64	4°32'00"	1564.56'	123.79'	61.93'	S 81°00'03" W
C65	5°02'49"	2436.22'	214.59'	107.37'	N 84°17'19" E
C66	32°06'00"	132.19'	74.06'	38.03'	S 54°20'42" W
C67	18°54'00"	451.84'	149.05'	75.21'	S 69°42'42" W
C68	22°13'22"	500.00'	193.93'	98.20'	N 64°44'59" E
C83	4°53'38"	2470.60'	211.02'	105.57'	N 84°23'29" E



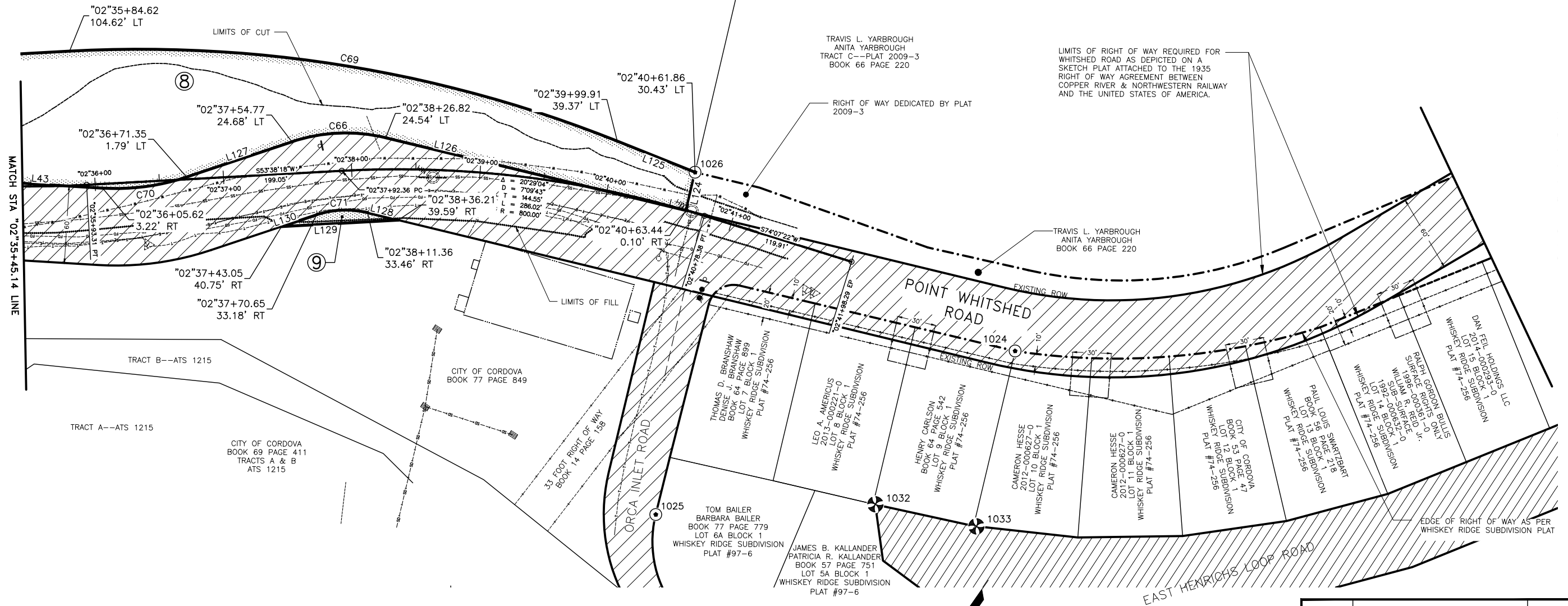
PARCEL NUMBER	INTEREST TO BE ACQUIRED	OWNER(S)	LARGER PARCEL	ACQUISITION INCL. EXISTING	NET ACQUISITION	REMAINDER	INSTRUMENT NO.
8	ROW FEE	TRAVIS L. YARBROUGH ANITA YARBROUGH	LARGE	1.395 AC	1.395 AC	LARGE	
E7B	UTILITY EASEMENT	TOWN OF CORDOVA	LARGE	0.007 AC	0.007 AC	LARGE	
E7A	UTILITY EASEMENT	TOWN OF CORDOVA	LARGE	0.005 AC	0.005 AC	LARGE	
7	ROW FEE	TOWN OF CORDOVA	LARGE	0.509 AC	0.509 AC	LARGE	
6	ROW FEE	CITY OF CORDOVA	LARGE	0.198 AC	0.198 AC	LARGE	
E2B	ROW ESMT	STATE OF ALASKA	LARGE	0.391 AC	0.391 AC	LARGE	

DATE	REVISION	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
RIGHT OF WAY MAP
 ALASKA PROJECT NO.
0837(004)/NFHWY00129
POINT WHITSHED ROAD &
PEDESTRIAN IMPROVEMENTS

PRELIMINARY

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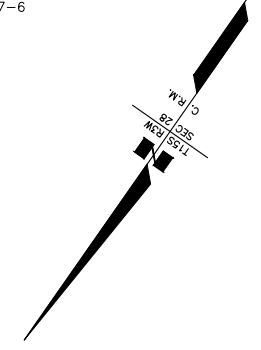


PARCEL CURVE DATA

C#	DELTA	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING
C66	32°06'00"	132.19'	74.06'	38.03'	S 54°20'42" W
C69	24°57'25"	1000.00'	435.58'	221.30'	N 66°07'00" E
C70	21°58'00"	173.01'	66.33'	33.58'	S 49°16'42" W
C71	32°06'00"	72.19'	40.45'	20.77'	S 54°20'42" W

PARCEL LINE DATA

L#	BEARING	DISTANCE
L43	S 60°15'42" W	128.30'
L124	S 20°01'20" E	30.58'
L125	N 78°35'43" E	65.25'
L126	S 70°23'42" W	240.60'
L127	S 38°17'42" W	86.50'
L128	S 70°23'42" W	24.50'
L129	N 53°37'37" E	90.97'
L130	S 38°17'42" W	28.62'



PRELIMINARY

PARCEL NUMBER	INTEREST TO BE ACQUIRED	OWNER(S)	LARGER PARCEL	ACQUISITION INCL. EXISTING	NET ACQUISITION	REMAINDER	INSTRUMENT NO.
9	ROW FEE	CITY OF CORDOVA	1.846 AC	0.013 AC	0.013 AC	1.833 AC	
8	ROW FEE	TRAVIS L. YARBROUGH ANITA YARBROUGH	LARGE	1.395 AC	1.395 AC	LARGE	

DATE	REVISION	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
0837(004)/NFHWY00129
POINT WHITSHED ROAD & PEDESTRIAN IMPROVEMENTS

SCALE: 1" = 40'

SHEET 6 OF 7

NOTES:

1. THE PURPOSE OF THIS PLAT IS TO ESTABLISH EXISTING RIGHT OF WAY LIMITS AND SHOW NEW RIGHT OF WAY AND OR EASEMENT INTERESTS ACQUIRED BY ALASKA DOT&PF FOR THIS PROJECT THROUGH DEEDS, PERMITS, INTERAGENCY AGREEMENTS, AND OTHER DOCUMENTS. ADJOINING PROPERTY LINES AND PROPERTY CORNERS AS SHOWN ARE BASED ON A COMBINATION OF RECORD INFORMATION AND FOUND MONUMENTS. FURTHER EVIDENCE MAY NEED TO BE CONSIDERED BEFORE USING THIS DRAWING TO ESTABLISH PROPERTY LINES AND PROPERTY CORNERS.

2. COORDINATE REFERENCE SYSTEM:
THIS PROJECT IS LOCATED ENTIRELY WITHIN THE CORDOVA LOW DISTORTION PROJECTION (LDP). A LOW DISTORTION PROJECTION CREATED BY THE ALASKA DEPARTMENT AND PUBLIC FACILITIES.

CORDOVA LDP DEFINITION:
LINEAR UNIT: U.S. SURVEY FOOT (SFT)
DATUM: NAD83 (2011)
PROJECTION: LAMBERT CONFORMAL CONIC., (SINGLE PARALLEL)
STANDARD PARALLEL AND GRID ORIGIN: 60° 30'00"N
CENTRAL MERIDIAN: (GRID ORIGIN): 145°15'00" W
FALSE NORTHING: 100,000 SFT
FALSE EASTING: 300,000 SFT
STANDARD PARALLEL: 1.000004 (EXACT)

THE BASIS OF COORDINATES IS THE NAD83(2011)(EPOCH:2010.0000) OPUS AVERAGED POSITION OF "WHIT 0.0", POINT #111.

BASIS OF BEARING IS CORDOVA LDP.

3. FIELD WORK FOR THIS SURVEY WAS DONE FROM May to August of 2017.

4. THE BASIS OF STATIONING HAS BEEN SUPPLIED BY DESIGN ENGINEER.

5. THE HORIZONTAL CLOSURE FOR THIS SURVEY MEETS OR EXCEEDS 1 PART IN 10,000. THE LARGEST NETWORK HORIZONTAL SEMI-MAJOR ERROR ELLIPSE OF 0.021 METERS AT THE 95% CONFIDENCE LEVEL WAS OBSERVED FOR THE STATIC GPS, AND THE MINIMUM LOOP CLOSURE MEETS OR EXCEEDS 1 PART IN 637,051.

6. COORDINATES, STATIONS, AND OFFSETS LISTED IN THE RECOVERED MONUMENT TABLES REFER TO THE POSITION OF THE PHYSICAL EVIDENCE. DIMENSIONS, STATIONS AND OFFSETS AS SHOWN ON THE PLAN SHEETS REFLECT ADJUSTED POSITIONS. ADJUSTED POSITIONS ARE BASED ON AN EVALUATION OF THE CONTROLLING EVIDENCE AND SENIOR RIGHTS AND MAY VARY FROM THE POSITION OF THE PHYSICAL EVIDENCE.

7. THE RIGHT OF WAY FOR THIS PORTION OF THE POINT WHITSHED ROAD IS OF VARIABLE WIDTH AND BASED UPON A COMBINATION OF HISTORICAL DEEDS AND PLANS ALONG WITH RECOVERED PHYSICAL MONUMENTS.

9. ALL DISTANCES SHOWN ARE GROUND DISTANCES, IN US SURVEY FEET.

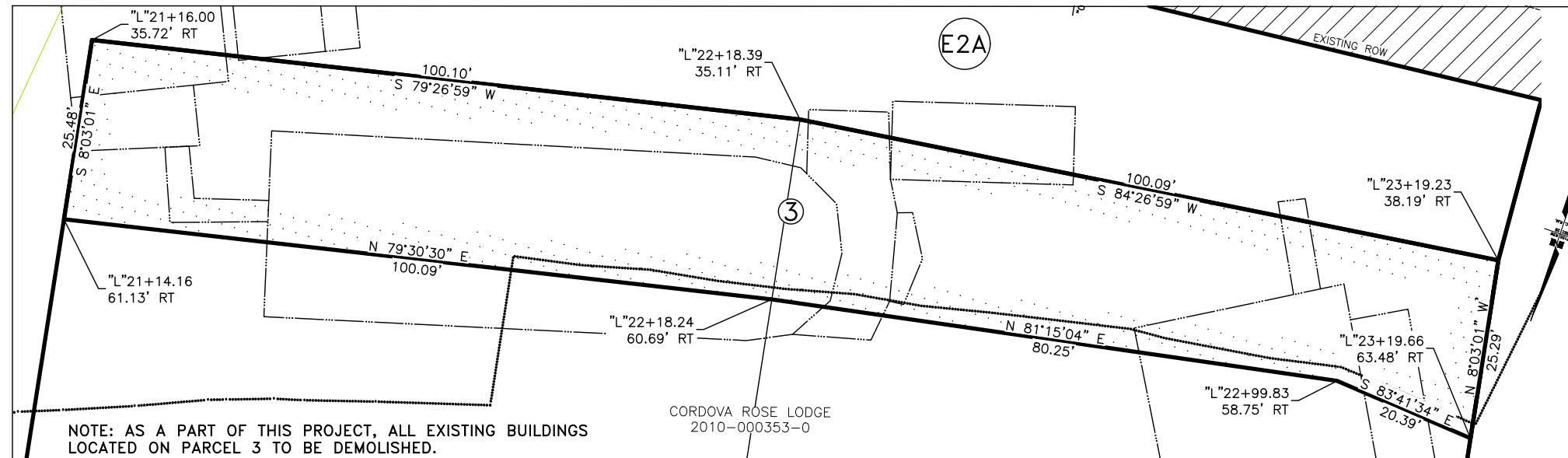
10. THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY ALASKA STATUTE 40.15.900(5)(A).

FOUND MONUMENTS THIS SURVEY			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1000	114601.74	209281.40	REBAR FOUND
1001	114675.36	209460.65	REBAR & CAP FOUND
1002	114675.75	209249.04	REBAR & CAP FOUND
1003	114522.51	209258.48	REBAR & CAP FOUND
1004	114481.45	209008.38	REBAR FOUND
1006	114323.74	208893.52	BLM MON MONUMENT FOUND
1010	114287.65	208832.21	PRIMARY MONUMENT FOUND
1011	114108.72	208584.90	PRIMARY MONUMENT FOUND
1012	114085.01	208533.70	PRIMARY MONUMENT FOUND
1014	114026.67	208533.88	PRIMARY MONUMENT FOUND
1015	113639.85	207720.93	PRIMARY MONUMENT FOUND
1016	113766.58	207655.32	PRIMARY MONUMENT FOUND
1017	113829.20	207464.25	IRON PIPE FOUND
1018	113833.58	207114.56	PRIMARY MONUMENT FOUND
1019	113566.53	206289.40	REBAR & CAP FOUND
1024	113187.51	205567.21	REBAR & CAP FOUND
1025	113447.26	205731.50	REBAR & CAP FOUND
1026	113207.54	205851.92	REBAR & CAP FOUND
1029	113755.67	207487.52	PRIM MOM FND ASLS 77-145 COR 6 WC
1030	113911.98	207863.26	PINE BEARING TREE

FOUND MONUMENTS THIS SURVEY			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1031	113935.58	207939.48	PINE BEARING TREE
1032	113346.93	205592.79	BLM MON MONUMENT FOUND
1033	113318.27	205517.62	BLM MON MONUMENT FOUND
1034	114577.04	208933.95	PRIM MON-WC TO MC-USS 251

ALIGNMENT COORDINATE VALUES			
STATION	NORTHING	EASTING	DESCRIPTION
"L"1+00.00	113199.14	205711.82	END OF PROJECT
"L"1+31.85	113231.95	205827.15	POINT OF TANGENCY
"L"3+89.40	113475.21	206242.89	POINT OF TANGENCY
"L"6+82.11	113606.74	206521.78	POINT OF CURVATURE
"L"9+33.97	113891.63	207896.25	POINT OF CURVATURE
"L"11+08.33	114085.89	208412.90	POINT OF TANGENCY
"L"13+25.64	114291.80	208744.25	POINT OF TANGENCY
"L"18+77.61	114418.10	208961.62	POINT OF CURVATURE
"L"22+96.36	114736.99	209430.50	BEGINNING OF PROJECT
"L"25+27.62	113733.51	207025.02	POINT OF TANGENCY
"L"27+65.77	114188.89	208603.50	POINT OF CURVATURE
"L"32+84.73	113357.20	206082.60	POINT OF CURVATURE
"L"35+95.02	114709.12	209415.08	POINT OF CURVATURE
"L"37+94.07	113774.32	207259.42	POINT OF CURVATURE
"L"40+80.09	113796.93	207489.58	POINT OF TANGENCY

DETAIL B
1 INCH = 10 FEET



PRELIMINARY

DATE	REVISION	BY

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RIGHT OF WAY MAP
ALASKA PROJECT NO.
0837(004)/NFHWY00129
POINT WHITSHED ROAD &
PEDESTRIAN IMPROVEMENTS

SCALE: 1" = N/A

SHEET 7 OF 7