SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS OF \$166,500.00 TO MATANUSKA ELECTRIC ASSOCIATION FOR THE CRIMSONVIEW DRIVE, SOUTH VERMILLON DRIVE, SOUTH THALO DRIVE, SOUTH OCHRE DRIVE RECONSTRUCTION PROJECT IN RSA 16 - SOUTH COLONY, AND EXTEND THE COMPLETION DATE TO JULY 15, 2026.

AGENDA OF: July 15, 2025

ASSEMBLY ACTION:

Adopted without object, MS recused. 07/15/25 - EMW

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Originator	6 / 1 9 / 2 0 2 5 X
Project Management Division Manager	X Cole Branham Signed by: Cole Branham
Public Workd Director	Recoverable Signature X Tom Adams, PE Signed by: Tom Adams
Purchasing Director	X Rustin Krafft Signed by: Russ 6 x x x fft
Finance Director	X Cheyenne Heindel
Borough Attorney	6/26/2025 X Nicholas Spiropoulos Signed by: Nicholas Spiropoulos
Borough Manager	6/26/2025 X Michael Brown Signed by: Mike Brown
Borough Clerk	X Lonnie McKechnie Signed by: Lonnie McKechnie

ATTACHMENT(S): Estimate (2 pp)
Plans (31 pp)

SUMMARY STATEMENT The Crimsonview Drive, Vermillion Drive, Thalo Drive, Ochre Drive and Crimsonview Court, project No. 30039-6730, is included in the 2025 Road Service Area (RSA) Road Improvement Project List for RSA 16 South Colony, approved by the Assembly with AM 25-011 on April 15 2025. The project includes surface improvement, grading, drainage, and surfacing.

Page 1 of 2 AM No. 25-075

As part of the design process, utilities reviewed the project plans to identify potential conflicts. Each utility in the project area was issued a \$5,000 reimbursable purchase order (PO) for preliminary engineering. If conflicts cannot be avoided, relocation must occur before construction. Construction for this project is planned for the fall of 2025.

Matanuska Electric Association, Inc. (MEA) provided a reimbursable time and materials cost estimate of \$166,500.00 for relocating electrical utilities. MSB 3.08.161 requires Assembly approval for contract awards over \$100,000.

The Administration requests approval of \$166,500 for MEA's utility relocation cost, bringing the total purchase order amount to \$171,500 which includes the original \$5000 for preliminary engineering, and extend the completion date to July 15, 2026.

Additionally, the Administration requests authority to extend this contract up to 90 days for unforeseen circumstances.

RECOMMENDATION OF ADMINISTRATION: Approve utility relocation costs of \$166,500.00 to Matanuska Electric Association, Inc, for the Crimsonview Drive, Vermillion Drive, Thalo Drive, Ochre Drive and Crimsonview Court project, extend the completion date to July 15, 2026, and authority to extend the contract by up to 90 days for unforseen circumstances.

Page 2 of 2 AM No. 25-075

MATANUSKA-SUSITNA BOROUGH FISCAL NOTE

Agenda Date: July 15, 2025

SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS OF \$166,500.00 TO MATANUSKA ELECTRIC ASSOCIATION FOR THE CRIMSONVIEW DRIVE, SOUTH VERMILLON DRIVE, SOUTH THALO DRIVE, SOUTH OCHRE DRIVE RECONSTRUCTION PROJECT IN RSA 16 - SOUTH COLONY, AND EXTEND THE COMPLETION DATE TO JULY 15, 2026.

FISCAL ACTION (TO BE O	COMPLETED BY F	INANCE)	FISCAL IMI	PACT <mark>YES</mark> NO		
AMOUNT REQUESTED \$	5166,500		FUNDING S	OURCE RSA C	apital Projects	
FROM ACCOUNT # 410.0	000.000 4xx.xxx			30039-6600-6730		
TO ACCOUNT:			PROJECT#			
VERIFIED BY: X Lieselza Signed by: LieselW	n to		_			
XPENDITURES/REVENUES:		<u> </u>	Thousands of Dollars)			
OPERATING	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Personnel Services						
Travel						
Contractual	_					
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						
CAPITAL		166.5				
		1		<u> </u>	1	1
REVENUE						
UNDING:		(Thousands of Dollars)	<u> </u>	<u> </u>	1
General Fund						
State/Federal Funds						
Other	+	166.5				
TOTAL OSITIONS:		166.5				
		<u> </u>			<u> </u>	T
Full-Time Part-Time	+					
Temporary						
NALYSIS: (Attach a separate p	page if necessary)	ı a tu re				
APPROVED BY:	Cheyenne H					

Signed by: Cheyenne Heindel



June 16, 2025

RELOCATION - NON-STANDARD (ESTIMATE)

Austin Larson Mat-Su Borough 350 E. Dahlia Ave. Palmer, AK 99645

VIA Email:

Austin.Larson@matsugov.us Thad.Wagner@matsugov.us

Re:

Revised: Relocation coordination for MEA conflicts for MSB Crimsonview Dr.

MSB Purchase Order # 2025-00002221

MSB Permit # Pending MEA Work Order # 130885

Dear Mr. Larson:

Matanuska Electric Association, Inc. (MEA) has completed the design and cost estimate to correct conflicts related to this project. An MSB permit will be required. The total estimated cost for construction is \$166,500.00.

This estimate covers the cost to provide the following:

- MEA will lower primary and secondary road crossings, in conduit, for the new ditch cuts and cul-de-sac configurations that do not leave sufficient coverage, at approximate Station locations 11+00, 12+75, 15+00, 16+50, 24+50, 32+50, 34+75, 36+50, 42+50, 44+50, 46+25, 51+00, 52+75, 55+00, 56+75, 58+25, 59+75, 61+25, 62+50, 64+00, 66+00, 68+50.
- This estimate assumes MSB will provide the required clearing, both within the road right-of-way and the utility easements (highlighted drawing will be provided showing where clearing is needed). This clearing requires grubbing, as well, for MEA and MTA's ability to trench. After clearing, where MSB crews encounter rootballs over existing locates that they cannot readily remove without potential damage to existing utilities, MSB's clearing contractor is to provide a highlighted drawing to return to MEA's Project Engineer, Greg Errico, to have these root balls addressed by MEA's clearing and/or line crew(s).

This estimate is valid for a period of sixty (60) days, ending August 15, 2025. Note this estimate does not include winter rates. If the project cannot be completed prior to winter rates going into effect, winter adders will apply to this project.

You will need to complete the following within this time frame:

(Credit cards are not accepted for construction payments.)

• Provide an amended MSB Purchase Order for \$166,500 for this construction (existing preliminary purchase order is for \$5,000).

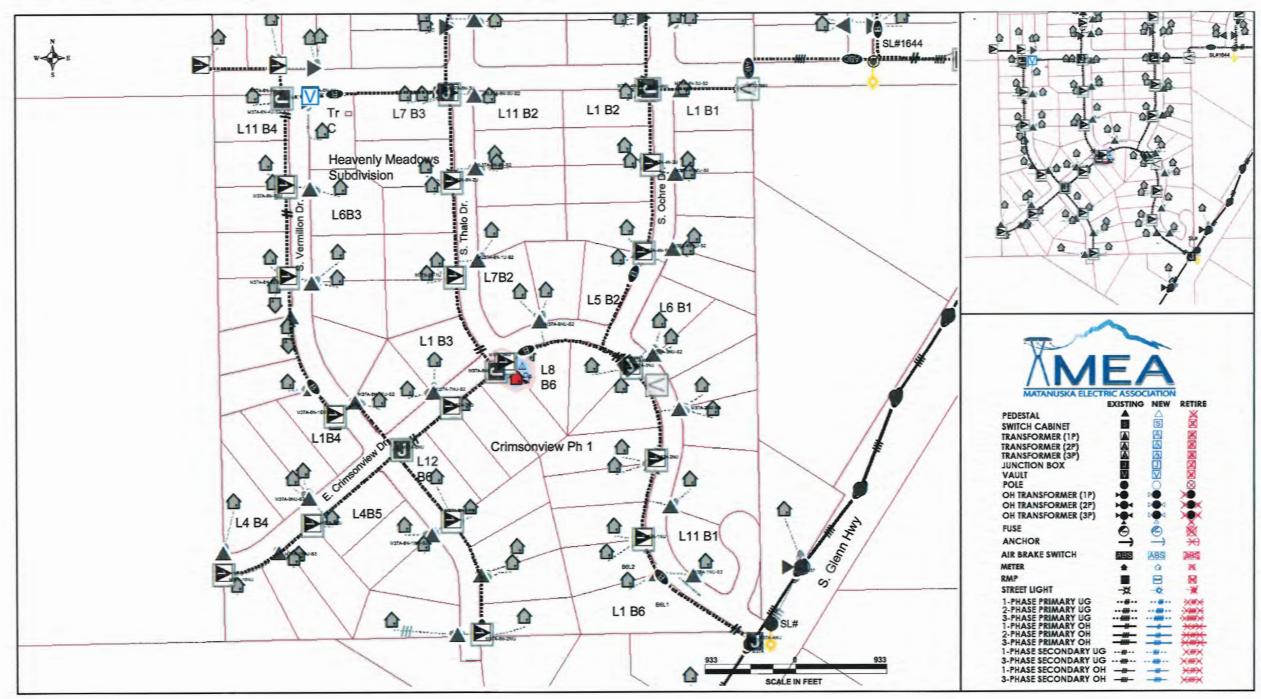
Return this letter with your signature and initials, where indicated, acknowledging the

Once you have completed the items listed above, including clearing, and MEA is in receipt of the required MSB permit, we anticipate that construction of the work will begin within 20 working days.

Payments may be made by electronic check through our Smarthub at www.mea.coop or at one of our member service office locations:

Palmer 163 E. Industrial Way	Wasilla 1401 S. Seward Meridian Pa		
Palmer, AK 99645	Wasilla, AK 99654	Eagle River, AK 99577	
actual amount incurred. If the		l cost, MEA will invoice only for the on is greater than the estimated cost nt Initials)	t,
When you are ready to proce at (907) 242-7669.	eed with this project or if you h	nave any questions, please contact me	
Sincerely,			
Gregory M. Errico, P.E. Consulting for Matanuska Ele	ectric Association, Inc.		
I agree to the terms outli	ned in this document:		
Applicant's Signature of Acki	nowledgment	Date	

Name: Matanuska-Susitna Borough Print Area: Print Area 1 Map Loc: M37A-3N-2WU Work Order: 130885



Description: MSB RELOCATION CRIMSONVIEW AM 25-0759e 1 of 13

Type: System Improvement Map Location: M37A-3N-2WU

WO Desc: MSB RELOCATION CRIMSONVIEW Member Name: Matanuska-Susitna Borough

TWP: T17N

W.O. Number: 130885

S/O Number: 1136520

Service Address: 11680 CRIMSONVIEW DR

Rate Group Adder:

Range: R2E

Section(s): 18.0

Staked By: GREG ERRICO

	BACK * SPAN	QTY	WIRE SIZE	HEIGHT	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER
M37	E	-		45-2	1	C1-2R	G105C-25	M2-11	1	1 PVC4M90					1	J10		
PROJECT TO BE CONSTRUCTE TOGETHER WITH WO# 133501.															1	UM5/4		
M37A	226 E	904	(4) #556.5AAC	50-2	1	C1-2R		M2-11	1	RSC2L90								
PROJECT TO BE CONSTRUCTE TOGETHER WITH WO# ????	D E				1	UM2												
M37A-ANU	70 E	70	#1/0 AL JCN 15		1	UM6-11			14	UR2-S48								
	E	1			2	UM3-1			1	PVC2M90								
	E				1	UM3F-03			15	PVC2								
M37A-1NU	380 E	380	#1/0 AL JCN 15		1	UM1-4S	UG7F-25	1			T							
XFMR, PAD, VAULT, AND PRIMA TO BE REPLACED UNDER WO# 133501.					1	UM1-2												
M37A-1NU-S2	173 E														1	UK5	П	
SEE WO# 133501 FOR BALANC OF UNITS/WORK. CROSSING			#350URD															
EMBEDMENT UNDER DITCHES	IS 48". C	245	#350URD		-					UR2-S48								
	С								22	UR4A								
	С								60	PVC4								
	С								30	UR2-SC48								
	C								2	PVC4L90								
M37A-2NU	197 E	197	#1/0 AL JCN 15		1	UM1-4S	UG7F-50								П		П	
XFMR, PAD, VAULT, AND PRIM REPLACED UNDER WO# 13350					1	UM1-2												
	С								- 1	PVC4M90								

Type: System Improvement Map Location: M37A-3N-2WU

WO Desc: MSB RELOCATION CRIMSONVIEW Member Name: Matanuska-Susitna Borough

Service Address: 11680 CRIMSONVIEW DR

Rate Group Adder:

TWP: T17N

Range: R2E

Section(s): 18.0

S/O Number: 1136520 Staked By: GREG ERRICO

W.O. Number: 130885

Substation: 3-11ICAS

Feeder/Phase: 13 - MI 445/R

Meter #:			Travel Adder:	Substat	ion: 3	- LUCAS	Feeder/Ph	ase: 13 - ML44	45/B	Voltage (kV):	7.2	Efficien	cy Multiplier:	Appro	ved By	: WALTON M W	ILSON	
STATION	BACK *	QTY	WIRE SIZE	HEIGHT CLASS	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER
M37A-2NU-S2	171 E														1	UK5		
SEE WO# 133501 FOR BALAN OF UNITS/WORK. CROSSING			#350URD															
EMBEDMENT UNDER DITCHE	S IS 60". C	195	#350URD						-	UR4A								
	C								2	PVC4L90								
	С								30	UR2-S60								
	С								30	UR2-SC60								
	С								60	PVC4			<u> </u>					
M37A-3NU	243 E	275	#1/0 AL JCN 15		1	1 UM1-4S	UG7F-25										П	
XFMR, PAD, VAULT, AND PRI REPLACED UNDER WO# 133	MARY E				1	1 UM1-2												
ALPEACED UNDER TION 133.	C								1	PVC4M90								
M37A-3NU-S2	74 E	-	1		_	1		7					1		1	UK5		
SEE WO# 133501 FOR BALAN		oe.	#4/0URD			1			-		-				-			
OF UNITS/WORK. CROSSING EMBEDMENT UNDER DITCHE					+-			-	65	PVC4			-		-		-	
	C		WOODON'D		+-		-	-	-	PVC4L90								
	C	-			+-		-	-	-	UR2-S60	-							
	C	+-	-		+	-		-	-	UR4A	+-+		-		-			
	C	-	1		+			-	-	UR2-SC60	\vdash		-		+		-	
						1	1											
M37A-4NU	10 E	45	#1/0 AL JCN 15		1	1 UM1-10CS	T .											
PRIMARY TO M37A-3NU AND M37A-5NU ARE TO BE REPLA					2	2 UM3-1									П			
UNDER WO# 133501.	E				1	1 UM3-03												
	E				1	1 UM6-6												
	R				1	1 UM3-1												
	С	4			1	1 UM3-1							4.5	2001/	-5			

Type: System Improvement Map Location: M37A-3N-2WU

WO Desc: MSB RELOCATION CRIMSONVIEW

Member Name: Matanuska-Susitna Borough

Rate Group Adder:

Substation: 3 - LUCAS



Range: R2E

Voltage (kV): 7.2

Section(s): 18.0

Efficiency Multiplier:

W.O. Number: 130885

S/O Number: 1136520

Staked By: GREG ERRICO 2 5/5/25

Approved By: WALTON M WILSON

Meter #:			Travel Adder:			- LUCAS	i coucin in	ase: 13 - ML44		voitage (KV):	1.2	Lincien	cy Multiplier:	Арріо	veu D	: WALTON M W	ILOUIV	
	BACK SPAN	· QT	Y WIRE SIZE	HEIGHT CLASS	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METE
M37A-4N-1U	379 E				1	UM1-4S	UG7F-25		4	UM47								
FMR: 12IS. XFMR CHANGE-OU ONDUIT AND BALANCE OF TR					1	UM1-2			80	RSC2								
ALLED OUT UNDER 133501. EN RIMARY HDPE2 60" IN ROAD R	MBED R	37	0 #1/0 AL JCN 15															
T XING OF CRIMSON VIEW DR		37	0 #1/0 AL JCN 15						22	UR4A								
	С								30	UR2-SC60				l .				
	С								30	UR2-S60								
M37A-4N-1U-S2	95 E	-			1	T									1	UK5	Г	
SEE WO# 133501 FOR BALANCE		-	0 #4/0URD													O.LO		
OF UNITS/WORK, CROSSING EMBEDMENT UNDER DITCHES	IS 60". C	110	0 #350URD						30	UR2-S60								
	С						1		1	UR4A								
	C								60	PVC4								
	С								30	UR2-SC60								
	C								2	PVC4L90								
M37A-4N-2U	216 E	21	6 #1/0 AL JCN 15		1	UM1-2	UG7F-25											
(FMR, PAD, VAULT, AND PRIMA REPLACED UNDER WO# 133501					1	UM1-4S												
M37A-4N-2U-S2	74 E	T							T		777				1	UK5		
EE WO# 133501 FOR BALANCE F UNITS/WORK, CROSSING	R	100	0 #4/0URD															
MBEDMENT UNDER DITCHES	IS 60". C	10	0 #350URD						30	UR2-SC60								
	С								60	PVC4								
	С								22	UR4A								
	С	_						1	-	UR2-S60								
	C					1	1		2	PVC4L90								

TWP: T17N

Feeder/Phase: 13 - ML445/B

Service Address: 11680 CRIMSONVIEW DR

W.O. Number: 130885 Type: System Improvement Map Location: M37A-3N-2WU WO Desc: MSB RELOCATION CRIMSONVIEW S/O Number: 1136520 Member Name: Matanuska-Susitna Borough Staked By: GREG ERRICO # 6/5/25 Rate Group Adder: TWP: T17N Range: R2E Section(s): 18.0 Service Address: 11680 CRIMSONVIEW DR Substation: 3 - LUCAS Feeder/Phase: 13 - ML445/B Voltage (kV): 7.2 Efficiency Multiplier: Approved By: WALTON M WILSON Meter #: Travel Adder: HEIGHT STATION BACK * QTY WIRE SIZE # PRI UNITS TRANS GRND MISC UNITS # GUY LEAD ANCHOR SEC UNITS METER CLASS SPAN 1 UM1-2 UG7F-25 M37A-4N-3U 185 E 185 #1/0 AL JCN 15 XFMR, PAD, VAULT, AND PRIMARY 1 UM1-4S REPLACED UNDER WO# 133501. C 1 PVC4M90 M37A-4N-3U-S2 84 E 1 UK5 SEE STATION M32-3U AND WO# 120 #4/0URD 133501 FOR BALANCE OF UNITS/ WORK, CROSSING EMBEDMENT 1 PVC4LS 120 #350URD UNDER DITCHES IS 72". 85 PVC4 M32-4NU 8E 8 #1/0 AL JCN 15 5 UM6-11 1 N.O. NORMAL OPEN TO M32A-4N-3U E 1 UMS3-03 1 UM6-4 DOES NOT PHASE, PRIMARY TO M37A-4N-3U AND ITS ELBOW E 1 UM6-31 TERMINATION UNDER WO# 133501. E 1 UM1-9CS E 2 UM3-1 3 UM3-1 C 3 UM3-1 M32-3NU 242 E 840 (3) #1/0 AL JCN 15 1 UM1-9CS VAULT WITH LID. EMBED AT 72" 840 (3) #1/0 AL JCN 15 3 UM45-1 35 UR2-S72 BETWEEN DITCHES E/W AT S OCHRE DR. CONDUIT AND BALANCE OF 35 UR2-SC72 TRENCH UNDER WO# 133501. C 25 UR4A 1 UM1-4S UG7F-25 1 UM12P 331 E 331 #1/0 AL JCN 15 M37A-5NU XFMR: 12IG: XFMR, PAD, VAULT, AND F 1 UM1-2 PRIMARY REPLACED UNDER WO# 133501.

By Matt Wilson at 4:02 pm, 6/13/25

Map Location: M37A-3N-2WU Type: System Improvement W.O. Number: 130885 WO Desc: MSB RELOCATION CRIMSONVIEW S/O Number: 1136520 Member Name: Matanuska-Susitna Borough Staked By: GREG ERRICO Rate Group Adder: TWP: T17N Range: R2E Section(s): 18.0 Service Address: 11680 CRIMSONVIEW DR Substation: 3 - LUCAS Feeder/Phase: 13 - ML445/B Voltage (kV): 7.2 Approved By: WALTON M WILSON **Efficiency Multiplier**

Meter #:				Travel Adder:		Substati				ase: 13 - ML44		Voltage (kV):			cy Multiplier:	1.47		; WALTON M W		
STATION	BACK		QTY	WIRE SIZE		HEIGHT	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER
M37A-5NU-S2	53	E															1	UK5		
EMBED AT 72" BETWEEN DITO SEE WO# 133501 FOR BALANC		R	190	#350URD																
UNITS/WORK.	JE OI	С	190	#350URD	1						30	UR2-SC72								
		С									60	PVC4								
		С									22	UR4A	-				+		\vdash	
		С	-		-					-	30	UR2-S72	1							
		C			_		+			-	-	PVC4L90	+							
			1							1										
M37A-6NU	55	E	55	#1/0 AL JCN 15	-		1	UM1-10CS			1	RSC2SS								
PRIMARY TO M37A-5NU AND M37A-7NU ARE TO BE REPLACE	ren.	E					2	UM3-1			40	RSC2								
UNDER WO# 133501.		E					1	UM6-6			2	UM47								
		E					1	UM3-03			1	UM12P					T			
		E					1	UM31												
		R					1	UM3-1												
		С			T		1	UM3-1									1			
			1						1						1					
M37A-6N-1U	256	1					1	UM1-7QT	UG7F-25		205	PVC2								
CONDUIT AND BALANCE OF TO CALLED OUT UNDER 133501. E	RENCH	E									2	RSC2SS								
PRIMARY HDPE2 60" IN ROAD	ROW		295	#1/0 AL JCN 15			1	UM3-1			-									
AT XING OF CRIMSON VIEW D	K.	С	295	#1/0 AL JCN 15			1	UM3-1			22	UR4A			1					
		С									30	UR2-S60								
		С									30	UR2-SC60	1							
		_	1				-	-			1		1		-					

Type: System Improvement Map Location: M37A-3N-2WU

WO Desc: MSB RELOCATION CRIMSONVIEW

MEA

W.O. Number: 130885

S/O Number: 1136520

Member Name: Matanuska-	Susitna Bor	munh	1						MATANUSKA ELEC						1		iber: 113652	-		
Service Address: 11680 CF Meter #:		_		Travel Adder:	Rate Gro Substati	•		TWP: T17	N ase: 13 - ML4	15/B	Range: R2E Voltage (kV):	7.2		(s): 18.0 cy Multiplier:			GREG ERRICO y: WALTON M W			
STATION	BACK	•	QTY	WIRE SIZE	HEIGHT	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER	_
ML37A-6N-1U-S2	91	E															UK5			
SEE WO# 133501 FOR BALA	NCE	R	115 #4	/OURD													1			

ML3/A-6N-1U-52	91 E						1 0K3
EE WO# 133501 FOR BALANG F UNITS/WORK. 84" EMBEDIA		115	#4/0URD				
NDER DITCHES.	С	115	#350URD			60 PVC4	
	С					22 UR4A	
	С					30 UR2-S84	
	С					2 PVC4LS	
	С					30 UR2-SC84	
M37A-6N-2U	229 E	229	#1/0 AL JCN 15	1 UM1-7QT	UG7F-25	2 RSC2SS	
	E					225 PVC2	
ML37A-6N-2U-S2	82 E						1 UK5
EE WO# 133501 FOR BALANG F UNITS/WORK, 60" EMBEDIN	CE R	105	#4/0URD			40 PVC2	
NDER DITCHES.		105	#350URD			30 UR2-S60	
	С					60 PVC4	
	С					2 PVC4LS	
	С	1				30 UR2-SC60	
	C					22 UR4A	
M37A-6N-3U	215 E	255	#1/0 AL JCN 15	1 UM1-7QT	UG7F-25	2 RSC2SS	
	E					220 PVC2	
	C					1 PVC4M90	

APPROVED

By Matt Wilson at 4:02 pm, 6/13/25

Type: System Improvement Map Location: M37A-3N-2WU WO Desc: MSB RELOCATION CRIMSONVIEW Member Name: Matanuska-Susitna Borough

W.O. Number: 130885

S/O Number: 1136520

Substation: 3 - LUCAS Feeder/Phase: 13 - ML445/B Voltage (kV): 7.2 Efficiency Multiplier: Approved By: WALTON M WILSON	Service Address: 11680 CRIMSONVIEW DR		Rate Group Adder:	TWP: T17N	Range: R2E	Section(s): 18.0	Staked By: GREG ERRICO 35/25
	Meter#:	Travel Adder:	Substation: 3 - LUCAS	Feeder/Phase: 13 - ML445/B	Voltage (kV): 7.2	Efficiency Multiplier:	Approved By: WALTON M WILSON

	BACK *	QT	Y WIRE SIZE	HEIGHT CLASS	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER
ML37A-6N-3U-S2	61 E														1	UK5		
EE WO# 133501 FOR BALANCE		85	#4/0URD						40	PVC2								
F UNITS/WORK. 72" EMBEDME NDER DITCHES.	C	85	#350URD						65	PVC4								
	С	1							30	UR2-SC72	T			-				
	С			-					1	PVC4LS								
	С								26	UR4A								
	С								35	UR2-S72								
		1					LIOTE OF				_		7					
M37A-7NU		180	#1/0 AL JCN 15		-	UM1-4S	UG7F-25	-	_		-		ļ		-			
XFMR 12IV: XFMR, PAD, VAULT RIMARY REPLACED UNDER W	O#				1	UM1-2							<u> </u>					
33501.	С								1	PVC4M90								
ML37A-7NU-S2	61 E	1									T				1	UK5		
EE WO# 133501 FOR BALANCE		80	#4/0URD								1		-					
F UNITS/WORK. 72" EMBEDME NDER DITCHES.	C	80	#350URD						60	PVC4								
	С								30	UR2-S72	1							
	С	T							30	UR2-SC72								
	C								1	PVC4LS					П			
	С								22	UR4A								
M37A-8NU	159 E	181	#1/0 AL JCN 15		1	UM3-04												
ERMINATIONS FOR CIRCUITS			1		1	UM1-10CS												
37A-7NU AND M37A-8N-1WU A EPLACED UNDER WO#133501.					2	UM3-1												
	R				2	UM3-1			1		1							
	С				2	UM3-1					1				FF			
	L												AP By Matt	Wilson at 4:02 pm	6/13/2	5		

Type: System Improvement Map Location: M37A-3N-2WU

WO Desc: MSB RELOCATION CRIMSONVIEW Member Name: Matanuska-Susitna Borough

Service Address: 11680 CRIMSONVIEW DR

stakingSheets-130885.pdf

Rate Group Adder:



Range: R2E

Voltage (kV): 7.2

Section(s): 18.0

W.O. Number: 130885

S/O Number: 1136520

Staked By: GREG ERRICO -

Approved By: WALTON M WILSON

Meter #:			Travel Adder:	Substat	tion: 3	- LUCAS	Feeder/Ph	ase: 13 - ML44	15/B	Voltage (kV):	7.2	Efficien	cy Multiplier:	Appro	ved By	y: WALTON M W	/ILSON	
	BACK * SPAN	QT	WIRE SIZE	HEIGHT CLASS	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER
M37A-8N-1EU	218 E				1	UM1-7QT	UG7F-25		1	RSC2SS								
CONDUIT AND BALANCE OF TR	ENCH R	270	#1/0 AL JCN 15		1.1	UM3-1			40	RSC2								
EMBED PRIMARY HDPE2 72" UN		270	#1/0 AL JCN 15		1	UM3-1			1	PVC4M90								
DITCHES IN XINGS OF CRIMSON VIEW DR. AND S VERMILLON DI									60	UR2-SC72								
	С								44	UR4A								
	C				1				60	UR2-S72	TT							
	-									J					1			
M37A-8N-1EU-S2	60 E														1	UK5		
SHARED TRENCH. SEE WO# 13 FOR BALANCE OF UNITS/WORK		80	#4/0URD		1													
EMBEDMENT UNDER DITCHES.		80	#350URD						60	PVC4								
	С	1							1	PVC4L90								
,				1											-			
M37A-8N-2EU		405	#1/0 AL JCN 15		1	UM1-7QT	UG7F-25			RSC2SS								
UG XFMR	E			1]		1	375	PVC2								
M37A-8N-3EU	220 F	250	#1/0 AL JCN 15		1	UM1-7QT	UG7F-25	1	7	RSC2SS	T		1		_			
UG XFMR	E	- 200	# 110 / E 0011 10	-		- Tan	0011 20	-	-	PVC2	+		-		-		-	
			1		1		J		220	7 702								
M37A-6N-5U	212 E	250	#1/0 AL JCN 15	1	3	UM3-1			1	N.O.								
	E	1	1	1	1	UMS3-03			3	RSC2SS								
	E				1	UM6-11			220	PVC2								-
	E				1	UM1-10J		1	1		1							
	E				1	UM6-31			T		1							
	R	-		1	1	UM3-1		1										
	C				1	UM3-1							Λ		/ [
			1	-l			.1							PPRO'	٧E		J.,J.	

TWP: T17N

By Matt Wilson at 4:02 pm, 6/13/25

Type: System Improvement Map Location: M37A-3N-2WU WO Desc: MSB RELOCATION CRIMSONVIEW Member Name: Matanuska-Susitna Borough

W.O. Number: 130885

S/O Number: 1136520

Service Address: 11680 CRIMSONVIEW DR		Rate Group Adder:	TWP: T17N	Range: R2E	Section(s): 18.0	Staked By: GREG ERRICO	0/5/25
	el Adder:	Substation: 3 - LUCAS	Feeder/Phase: 13 - ML445/B	Voltage (kV): 7.2	Efficiency Multiplier:	Approved By: WALTON M WILSON	

	BACK SPAN	* (QTY	WIRE SIZE	HEIGHT CLASS	#	PRI UNITS	TRANS	GRND	#	MISC UNITS	#	GUY	LEAD	ANCHOR	#	SEC UNITS	#	METER
M37A-6N-4U	71 E					1	UM1-7QT	UG7F-25		70 P	VC2								
RIMARY CONDUIT CALLED OU										2 R	SC2SS								
INDER 133501. EMBED PRIMAR IDPE2 72" UNDER DITCHES IN 1 OF S VERMILLON DR.			100	#1/0 AL JCN 15		1	UM3-1												
TO TENINELON DIE			100	#1/0 AL JCN 15		1	UM3-1			35 U	R2-S72			-					
	C									1 P	VC4M90								
	C									35 U	R2-SC72								
	C									28 U	R4A								
M37A-6N-4U-S2	73 E				4				T							1	UK5		
MOSTLY SHARED TRENCH. 72" MBEDMENT UNDER DITCHES.			90	#4/0URD						50 P	VC2								
	0		90	#350URD						10 U	R2-S72								
	C									1 P	VC4L90								
	C									70 P	VC4								
M37A-8N-1WU	213 E	The second	213	#1/0 AL JCN 15		1	UM1-2	UG7F-25	1			П				T			
FMR 12IP: XFMR, PAD, VAULT, RIMARY REPLACED UNDER W	AND E					1	UM1-4S												
133501.										1 P	VC4M90								
M37A-8N-1WU-S2	61 E				1	T										1	UK5	П	
2" EMBEDMENT UNDER DITCH	ES.	1	80	#4/0URD															
	C		80	#350URD			1			30 U	R2-SC72								
	- 0									22 U	R4A	mi							
	C				1					30 U	R2-S72								
	C									60 P	VC4								
	C									1 P	VC4LS								
														AP By Matt	Wilson at 4:02 pm	EL	25		

Type: System Improvement Map Location: M37A-3N-2WU W.O. Number: 130885 WO Desc: MSB RELOCATION CRIMSONVIEW S/O Number: 1136520 Member Name: Matanuska-Susitna Borough Staked By: GREG ERRICO 4/5/25 Rate Group Adder: TWP: T17N Range: R2E Section(s): 18.0 Service Address: 11680 CRIMSONVIEW DR Substation: 3 - LUCAS Feeder/Phase: 13 - ML445/B Voltage (kV): 7.2 **Efficiency Multiplier:** Approved By: WALTON M WILSON Meter #: Travel Adder: HEIGHT STATION BACK * QTY WIRE SIZE # PRI UNITS TRANS GRND # MISC UNITS # GUY LEAD **ANCHOR** # SEC UNITS METER CLASS SPAN M37A-8N-2WU 1 UM1-2 UG7D-25 315 E 70 RSC2 XFMR 12JP: XFMR, PAD, VAULT, 1 UM1-4S CONDUIT, AND BALANCE OF TRENCH REPLACED UNDER WO# 133501. 325 #1/0 AL JCN 15 325 #1/0 AL JCN 15 26 UR4A C 80 UR2-SC84 M37A-9NU 287 E 1 UM1-4S UG7F-25 12IT: XFMR, PAD, VAULT, CONDUIT, E 1 UM1-2 AND BALANCE OF TRENCH CALLED OUT UNDER 133501. EMBED 320 #1/0 AL JCN 15 PRIMARY HDPE2 72" UNDER DITCHES IN XING OF S VERMILLON 320 #1/0 AL JCN 15 30 UR2-SC72 DR. 30 UR2-S72 C 28 UR4A

M37A-9NU-S2	93 E			1 UK5
SEE WO# 133501 FOR BALANCE OF UNITS/WORK, 60" EMBEDMENT	R	115 #4/0URD		
INDER DITCHES.	С	115 #350URD	30 UR2-SC60	
	С		60 PVC4	
	С		2 PVC4L90	
	С		30 UR2-S60	
	С		22 UR4A	

M37A-10NU 2	254 E			1 UM1-4S	UG7D-25	
XFMR 12IU: EMBED 72" AND COMPACT TRENCH BETWEEN				1 UM1-2		
M37A-10NU-S3 AND M37A-10NU. CONDUIT AND BALANCE OF WORK	R	285	#1/0 AL JCN 15	1:-1		
UNITS ON WO# 133501.	С	285	#1/0 AL JCN 15			27 UR4A
	С					1 PVC4M90
	C					80 UR2-SC72
etakingSheete_130885 ndf	-				Page 11 of 1	13

Date Time: 06/05/2025 08:18:39 AM AM 25-075

W.O. Number: 130885 Type: System Improvement Map Location: M37A-3N-2WU WO Desc: MSB RELOCATION CRIMSONVIEW S/O Number: 1136520 Member Name: Matanuska-Susitna Borough Staked By: GREG ERRICO 6/5/55 Rate Group Adder: TWP: T17N Range: R2E Section(s): 18.0 Service Address: 11680 CRIMSONVIEW DR Substation: 3 - LUCAS Feeder/Phase: 13 - ML445/B Voltage (kV): 7.2 Efficiency Multiplier: Approved By: WALTON M WILSON Meter #: Travel Adder: HEIGHT STATION BACK * QTY WIRE SIZE **PRI UNITS** TRANS GRND MISC UNITS GUY LEAD ANCHOR # SEC UNITS METER CLASS SPAN 153 E M37A-10NU-S3 1 UK5 SHARED TRENCH. SEE WO# 133501 175 #4/0URD FOR BALANCE OF UNITS/WORK. 175 #350URD 80 PVC4 C 1 PVC4L90



Map Location: M37A-3N-2WU Type: System Improvement

WO Desc: MSB RELOCATION CRIMSONVIEW Member Name: Matanuska-Susitna Borough

Service Address: 11680 CRIMSONVIEW DR

Meter #: Travel Adder:



Rate Group Adder:

Substation: 3 - LUCAS

TWP: T17N

Feeder/Phase: 13 - ML445/B

Range: R2E

Voltage (kV): 7.2

Section(s): 18.0

Efficiency Multiplier:

Staked By: GREG ERRICO

W.O. Number: 130885

S/O Number: 1136520

Approved By: WALTON M WILSON

Directions:	
Comment:	MSB RELOCATION WORK ORDER

UNITS	REQ.		
EXISTIN	NG .		
#1/0 AL JCN 15	4565		
#556.5AAC	904		
45-2	1		
50-2	1		
C1-2R	2		
G105C-25	1		
J10	1		
M2-11	2		
N.O.	2		
PVC2	1550		
PVC2M90	1		
PVC4M90	1		
RSC2	190		
RSC2L90	1		
RSC2SS	17		
UG7D-25	2		
UG7F-25	16		
UG7F-50	1		
UK5	16		
UM1-10CS	3		
UM1-10J	1		
UM1-2	12		
UM12P	2		
UM1-4S	12		
UM1-7QT	6		
UM1-9CS	2		
UM2	1		
UM3-03	2		
UM3-04	1		
UM31	1		
UM3-1	13		
UM3F-03	1		
UM47	6		
UM5/4	1		
UM6-11	7		
UM6-31	2		

U	NITS	REQ.
	EXISTI	NG
UM6-4		1
U	M6-6	2
UM	S3-03	2
UR	2-\$48	14
	RETIF	RE.
#1/0 A	L JCN 15	1965
#35	OURD	595
#4/	0URD	1340
P	VC2	130
R	SC2	40
U	M3-1	- 11
	ADD	1.
#1/0 A	L JCN 15	2805
#35	OURD	1970
P	VC4	1025
PV	C4L90	16
PV	C4LS	8
PVC	C4M90	9
UM	1-7QT	1
U	M3-1	11
UN	M45-1	3
UR	2-S48	30
UR	2-S60	245
UR	2-572	295
UR	2-S84	30
UR2	2-SC48	30
UR2	2-SC60	240
UR2	-SC72	360
UR2	-SC84	110
U	R4A	469



Date/Time: 06/05/2025 08:18:39 AM AM 25-075

Name: Matanuska-Susitna Borough Print Area: Print Area 2 Map Loc: M37A-3N-2WU **Work Order: 130885** M37A-2NU-S2 M37A-2NU EXISTING NEW RETIRE PEDESTAL SWITCH CABINET TRANSFORMER (1P) TRANSFORMER (2P)
TRANSFORMER (3P)
JUNCTION BOX M37A-1NU VAULT POLE OH TRANSFORMER (1P) OH TRANSFORMER (2P) OH TRANSFORMER (3P) FUSE ANCHOR AIR BRAKE SWITCH B6L2 METER M37A-1NU-S2 STREET LIGHT

AM 25-075

3-PHASE SECONDARY UG 1-PHASE SECONDARY OH 3-PHASE SECONDARY OH

DOL 4

SCALE IN FEET

Name: Matanuska-Susitna Borough Print Area: Print Area 3 Map Loc: M37A-3N-2WU **Work Order: 130885** M37A-4N-1U-S2 M37A-4N-1U-7 ML37A-6N-1U-S2 M37A-6N-1U S. Oliver S. Thalo Dr. L5 B2 L7 B2 L6 B1 EXISTING RETIRE PEDESTAL SWITCH CABINET M37A-5NU-S2 TRANSFORMER (1P) TRANSFORMER (2P)
TRANSFORMER (3P)
JUNCTION BOX E. Crimsonview Dr. VAULT OH TRANSFORMER (1P) OH TRANSFORMER (2P) L1 B3 OH TRANSFORMER (3P) FUSE M37A-5NU ANCHOR M37A-3NU-S2 AIR BRAKE SWITCH METER M37A-4NU M37A-3NU L8 B6 STREET LIGHT M37A-6NU 2-PHASE PRIMARY OH 3-PHASE PRIMARY OH 1-PHASE SECONDARY UG ML37A-7NU-S2 3-PHASE SECONDARY UG SCALE IN FEET

Name: Matanuska-Susitna Borough Print Area: Print Area 4 Map Loc: M37A-3N-2WU **Work Order: 130885** (E) E. Cienna Ave M32-4NU M37A-4N-3U M32-3NU M37A-4N-3U-S2 L1 B2 L1 B1 Crimsonview Ph 1 Ochre Dr. EXISTING NEW RETIRE PEDESTAL SWITCH CABINET TRANSFORMER (1P) TRANSFORMER (2P) TRANSFORMER (3P)
JUNCTION BOX VAULT POLE OH TRANSFORMER (1P) OH TRANSFORMER (2P) OH TRANSFORMER (3P) M37A-4N-2U-S2 FUSE ANCHOR M37A-4N-2U AIR BRAKE SWITCH METER STREET LIGHT 2-PHASE PRIMARY OH 3-PHASE PRIMARY OH 1-PHASE SECONDARY UG 3-PHASE SECONDARY UG 1-PHASE SECONDARY OH 3-PHASE SECONDARY OH **SCALE IN FEET**

AM 25-075

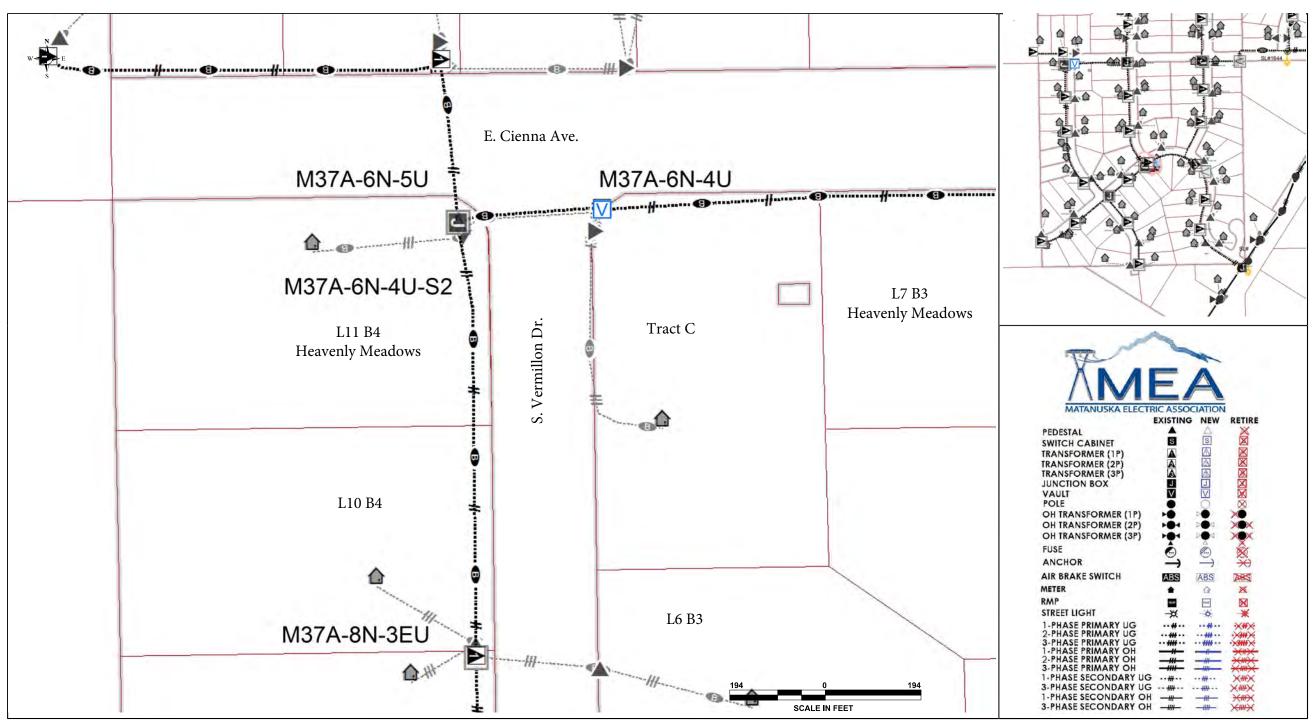
Name: Matanuska-Susitna Borough Print Area: Print Area 5 Map Loc: M37A-3N-2WU **Work Order: 130885** E. Cienna Ave. M37A-6N-3U ML37A-6N-3U-S2 L11 B2 L7 B3 Heavenly Meadows EXISTING RETIRE PEDESTAL SWITCH CABINET TRANSFORMER (1P) S. Thalo Dr TRANSFORMER (2P) TRANSFORMER (3P)
JUNCTION BOX VAULT POLE OH TRANSFORMER (1P) OH TRANSFORMER (2P) OH TRANSFORMER (3P) FUSE ML37A-6N-2U-S2 ANCHOR AIR BRAKE SWITCH METER STREET LIGHT M37A-6N-2U 1-PHASE SECONDARY UG 3-PHASE SECONDARY UG 1-PHASE SECONDARY OH 3-PHASE SECONDARY OH **SCALE IN FEET**

AM 25-075

Name: Matanuska-Susitna Borough Print Area: Print Area 6 Map Loc: M37A-3N-2WU **Work Order: 130885** Heavenly Meadows L1 B3 M37A-6NU ML37A-7NU-S2 M37A-8N-1EU-S2 L10 B6 L2 B3 M37A-8N-1EU Crimsonview Ph1 L11 B6 EXISTING L1 B4 PEDESTAL M37A-8NU SWITCH CABINET TRANSFORMER (1P) TRANSFORMER (2P)
TRANSFORMER (3P)
JUNCTION BOX VAULT L12 B6 OH TRANSFORMER (1P) L2 B4 OH TRANSFORMER (2P) OH TRANSFORMER (3P) FUSE ANCHOR AIR BRAKE SWITCH METER STREET LIGHT L4 B5 7A-9NU-S2

AM 25-075

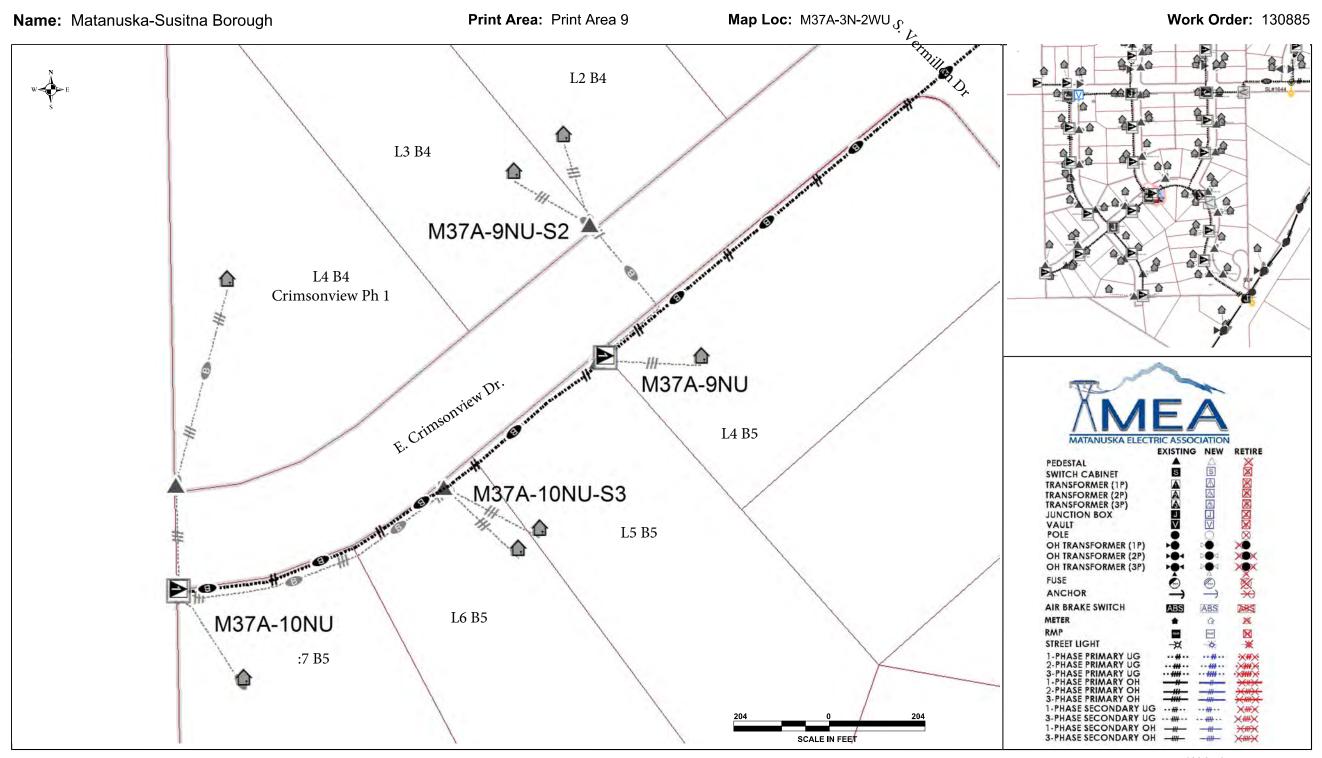
Name: Matanuska-Susitna Borough Print Area: Print Area 7 Map Loc: M37A-3N-2WU Work Order: 130885



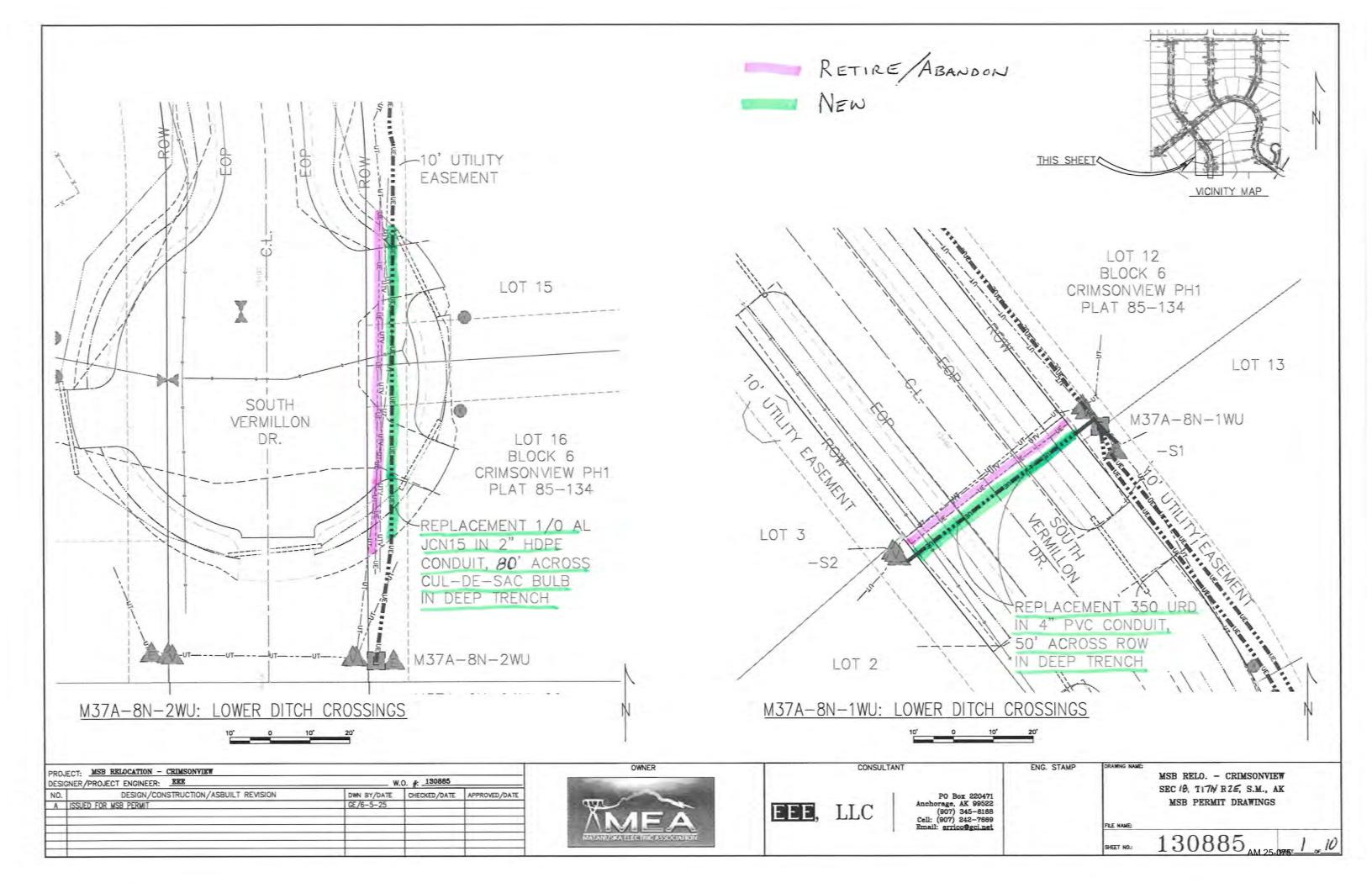
AM 25-075

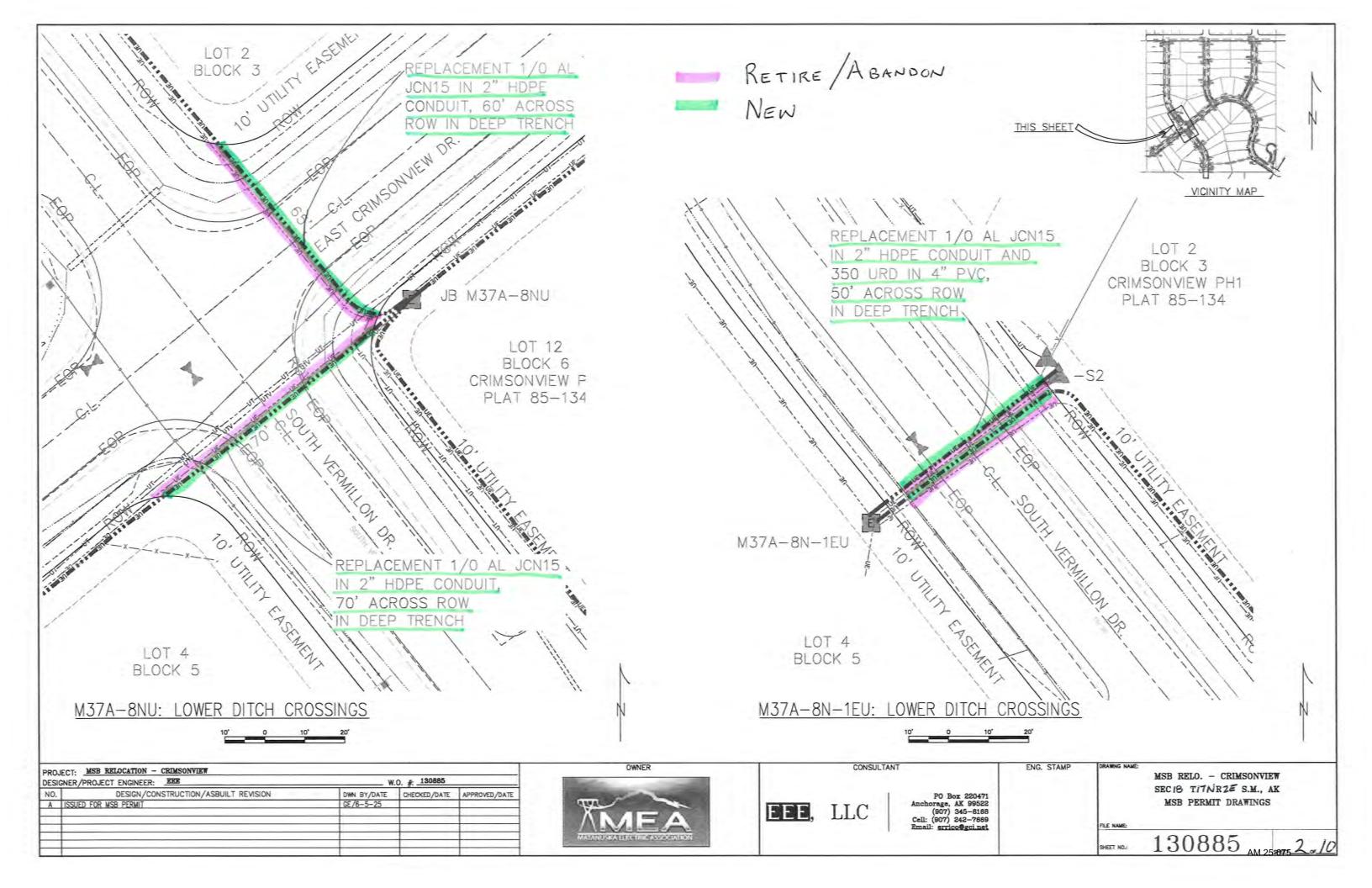
Name: Matanuska-Susitna Borough Print Area: Print Area 8 Map Loc: M37A-3N-2WU **Work Order: 130885** L12 B6 L13 B6 Crimsonview Ph1 M37A-8N-1WU M37A-8N-1WU-S2 S. A. CETANIIION Dr. L3 B5 L14 B6 L2 B5 EXISTING NEW RETIRE PEDESTAL L15 B6 SWITCH CABINET TRANSFORMER (1P) TRANSFORMER (2P)
TRANSFORMER (3P)
JUNCTION BOX VAULT POLE OH TRANSFORMER (1P) OH TRANSFORMER (2P) OH TRANSFORMER (3P) FUSE ANCHOR L1 B5 L16 B6 AIR BRAKE SWITCH METER STREET LIGHT 2-PHASE PRIMARY OH 3-PHASE PRIMARY OH 1-PHASE SECONDARY UG M37A-8N-2WU 3-PHASE SECONDARY UG 1-PHASE SECONDARY OH **SCALE IN FEET**

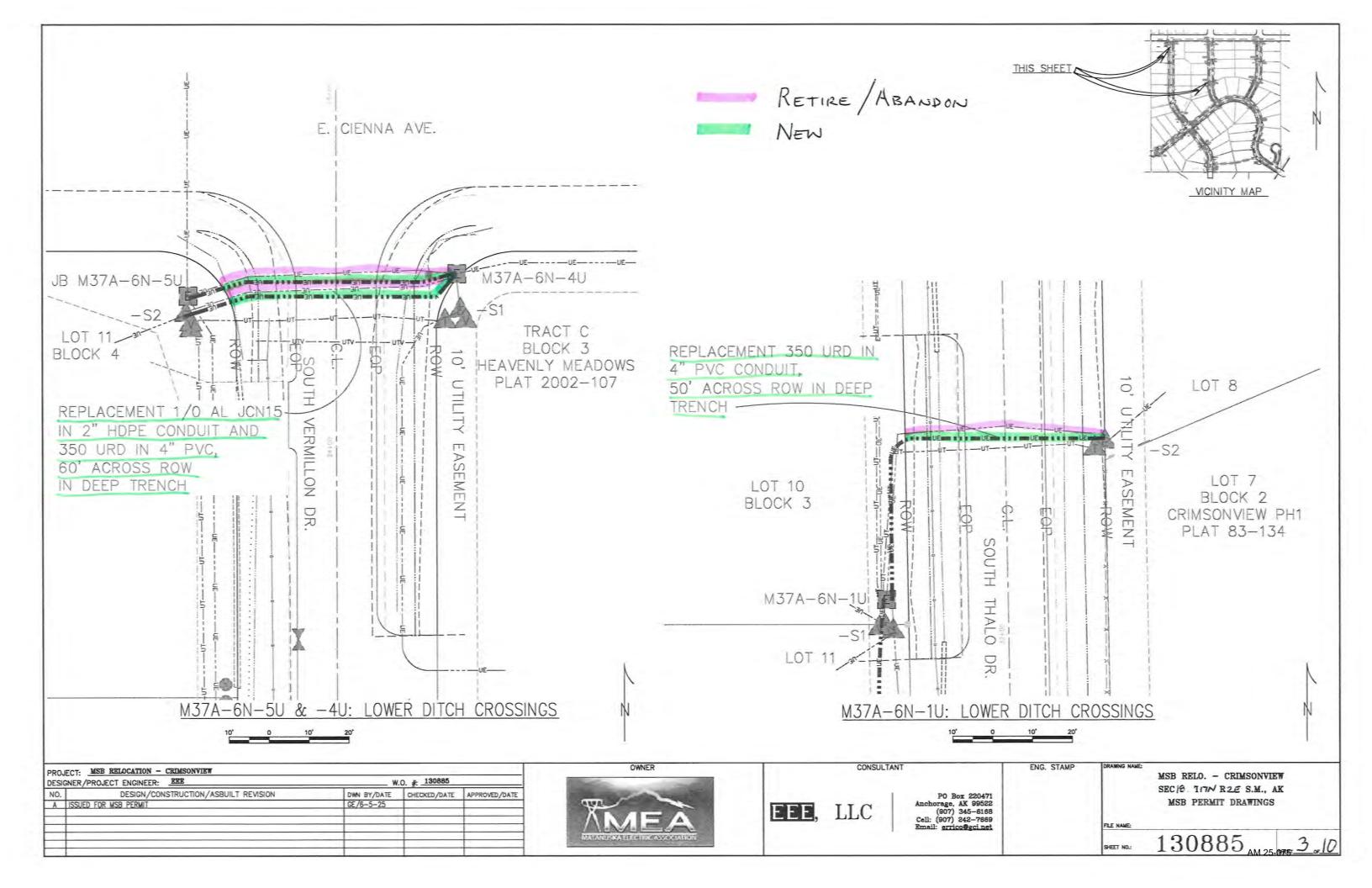
AM 25-075

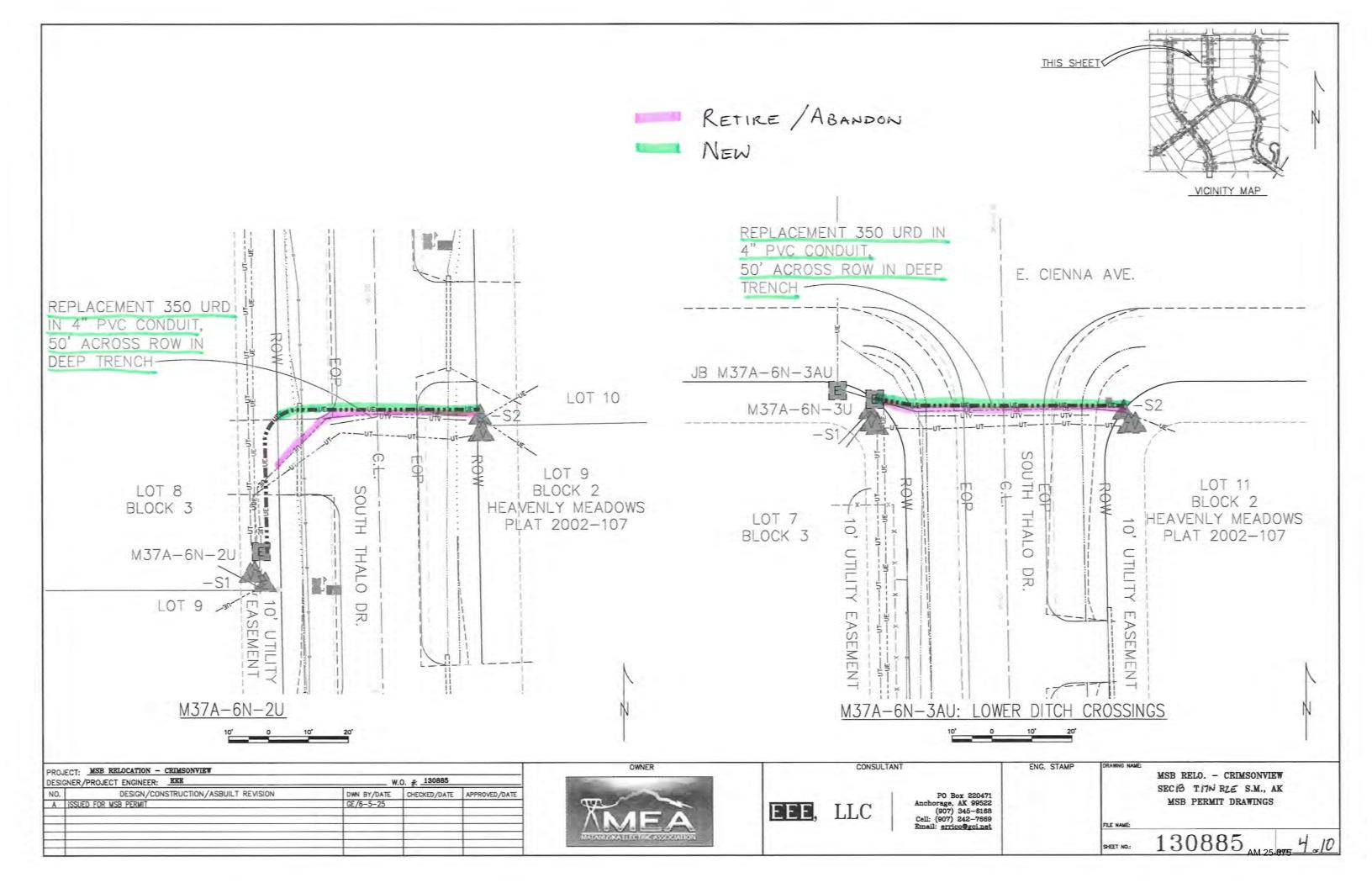


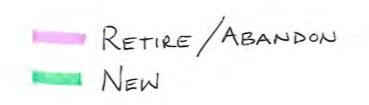
AM 25-075

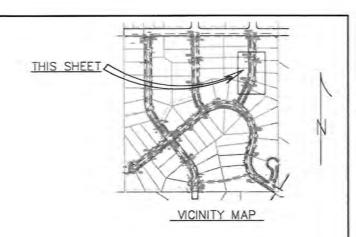












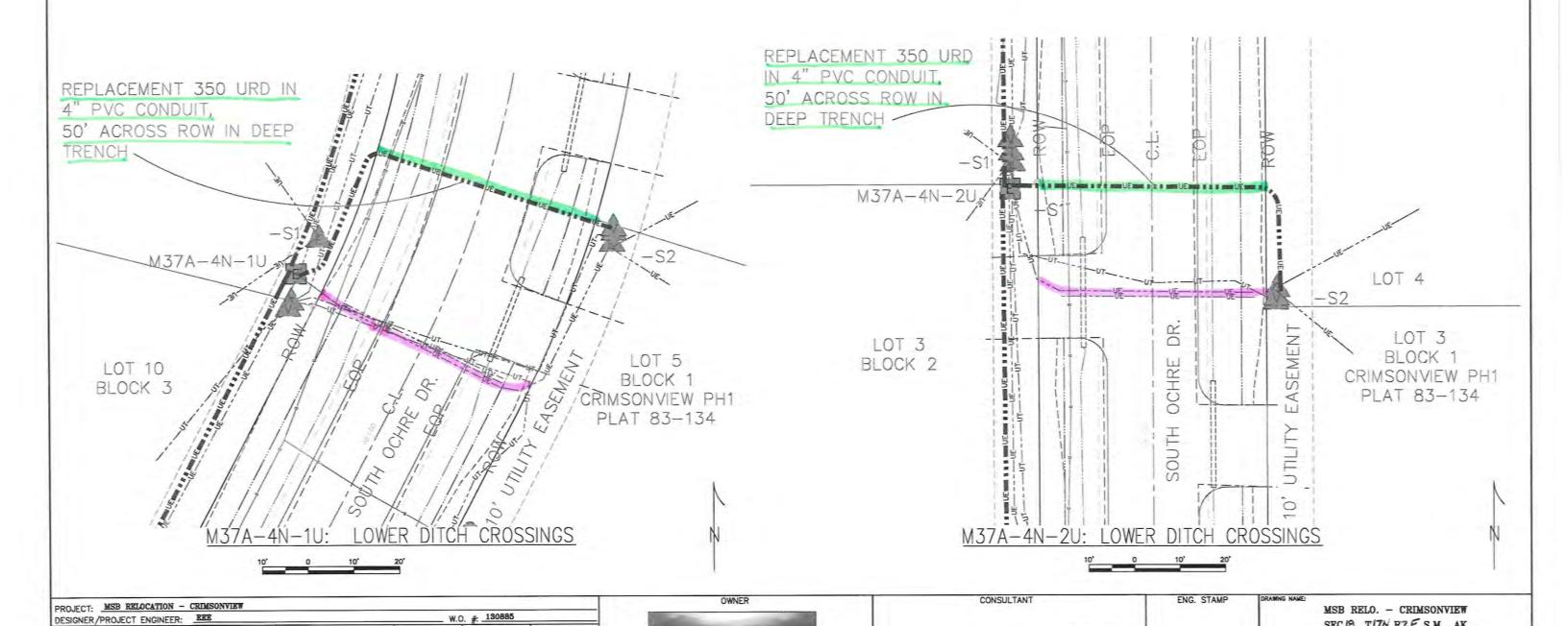
SEC 18 TITN RZE S.M., AK

MSB PERMIT DRAWINGS

130885 AM 25

PO Box 220471 Anchorage, AK 99522 (907) 345-6188 Cell: (907) 242-7669 Email: errico@gci.net

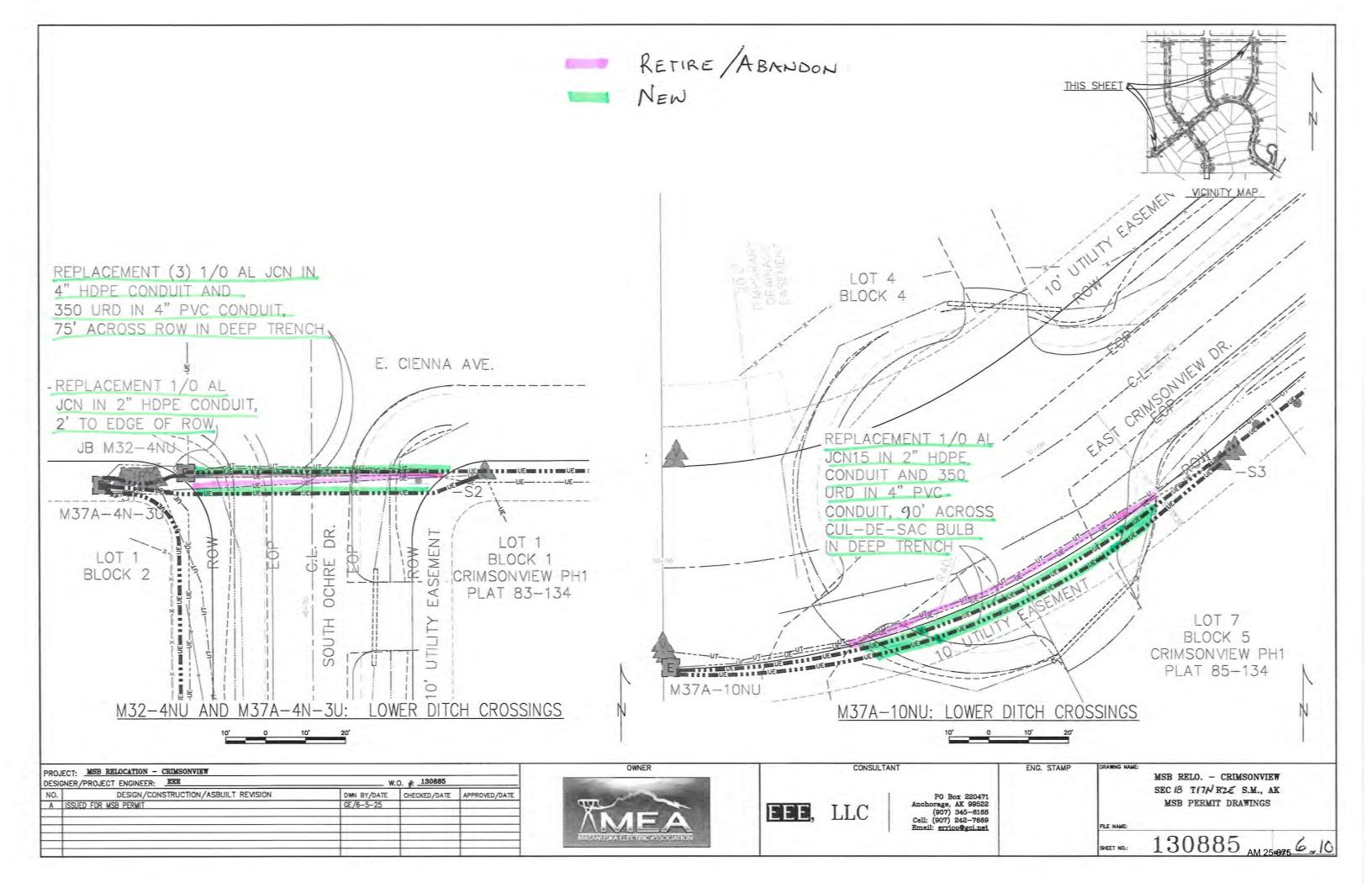
EEE, LLC

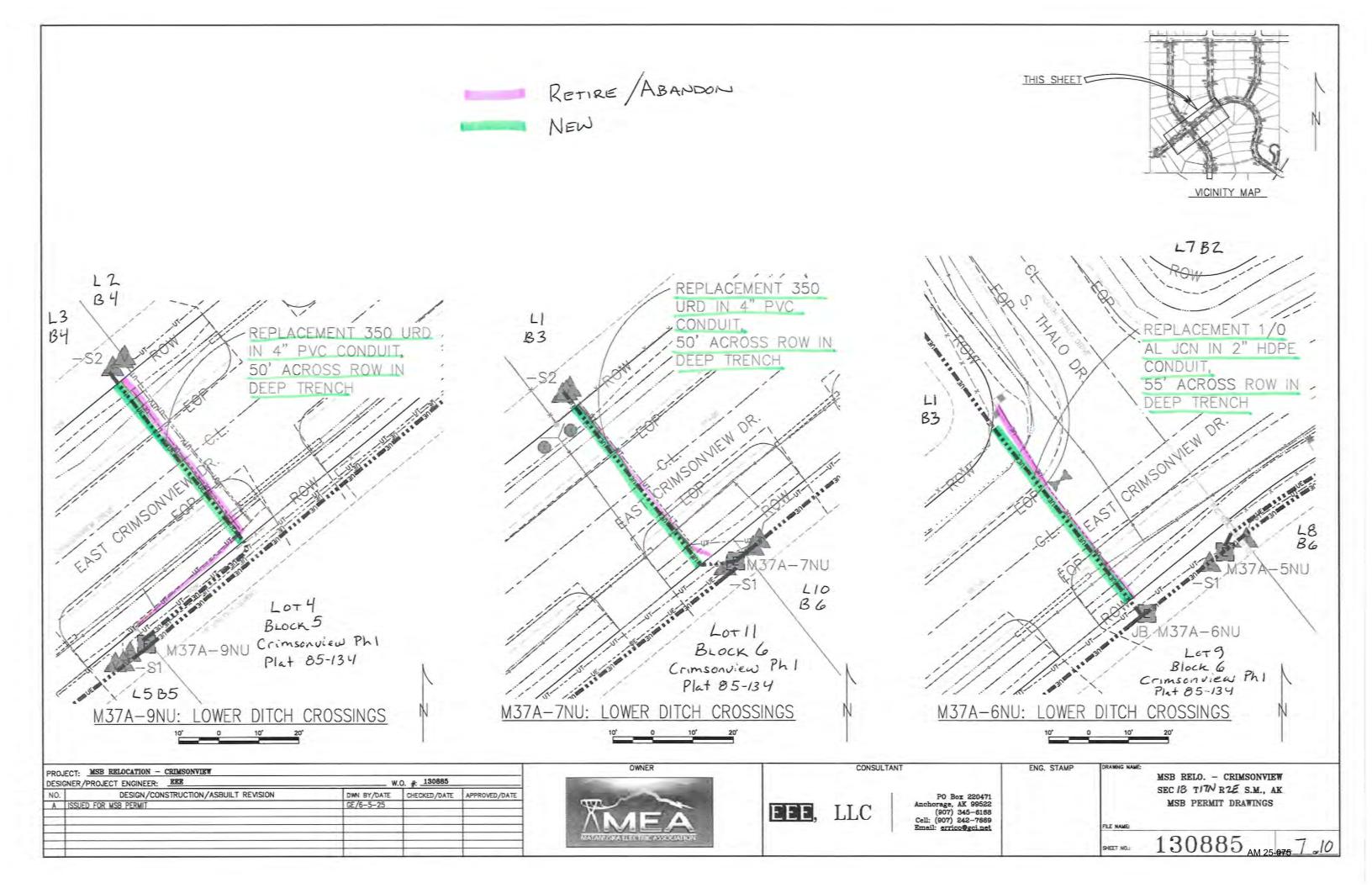


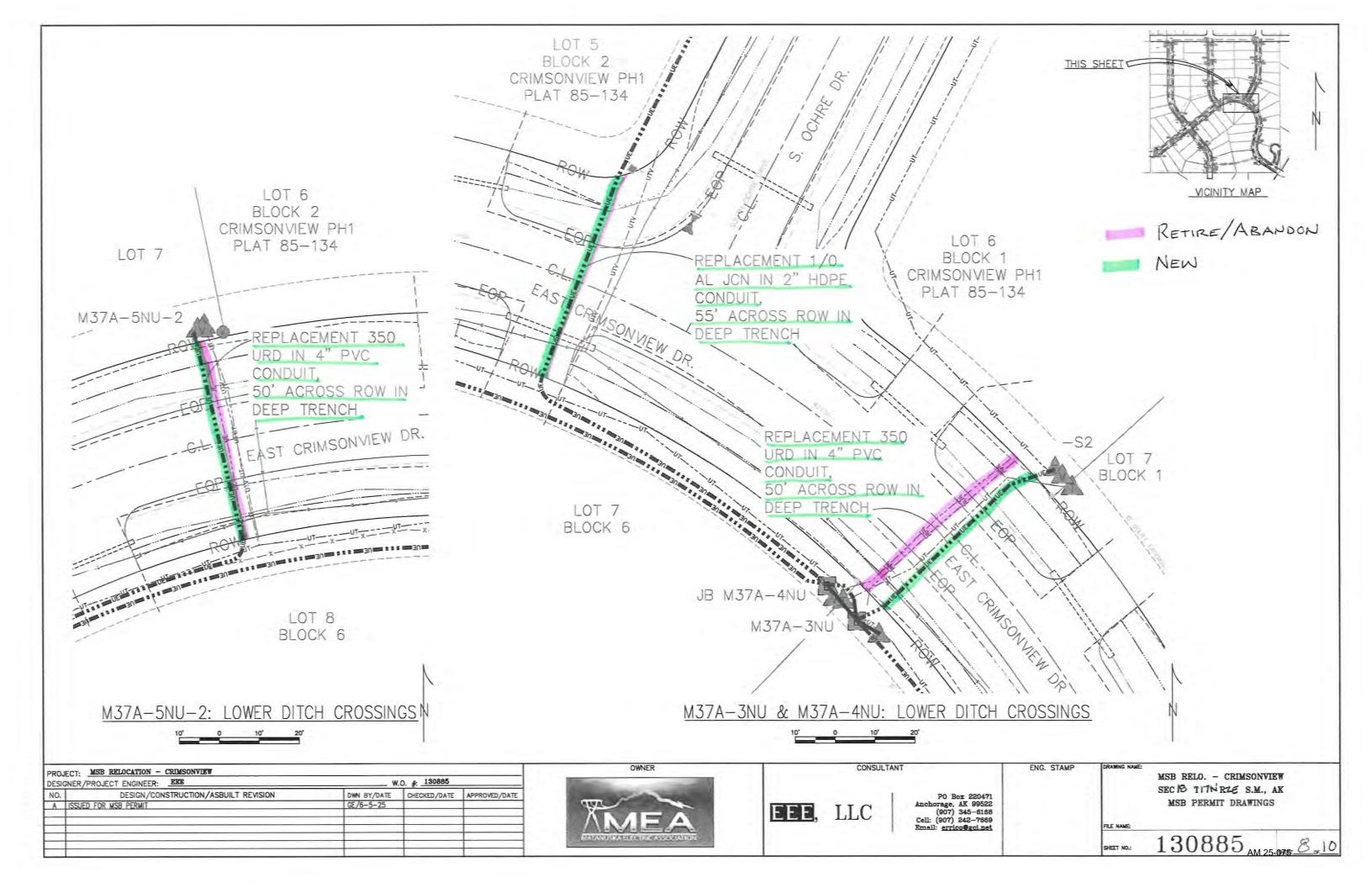
DESIGN/CONSTRUCTION/ASBUILT REVISION

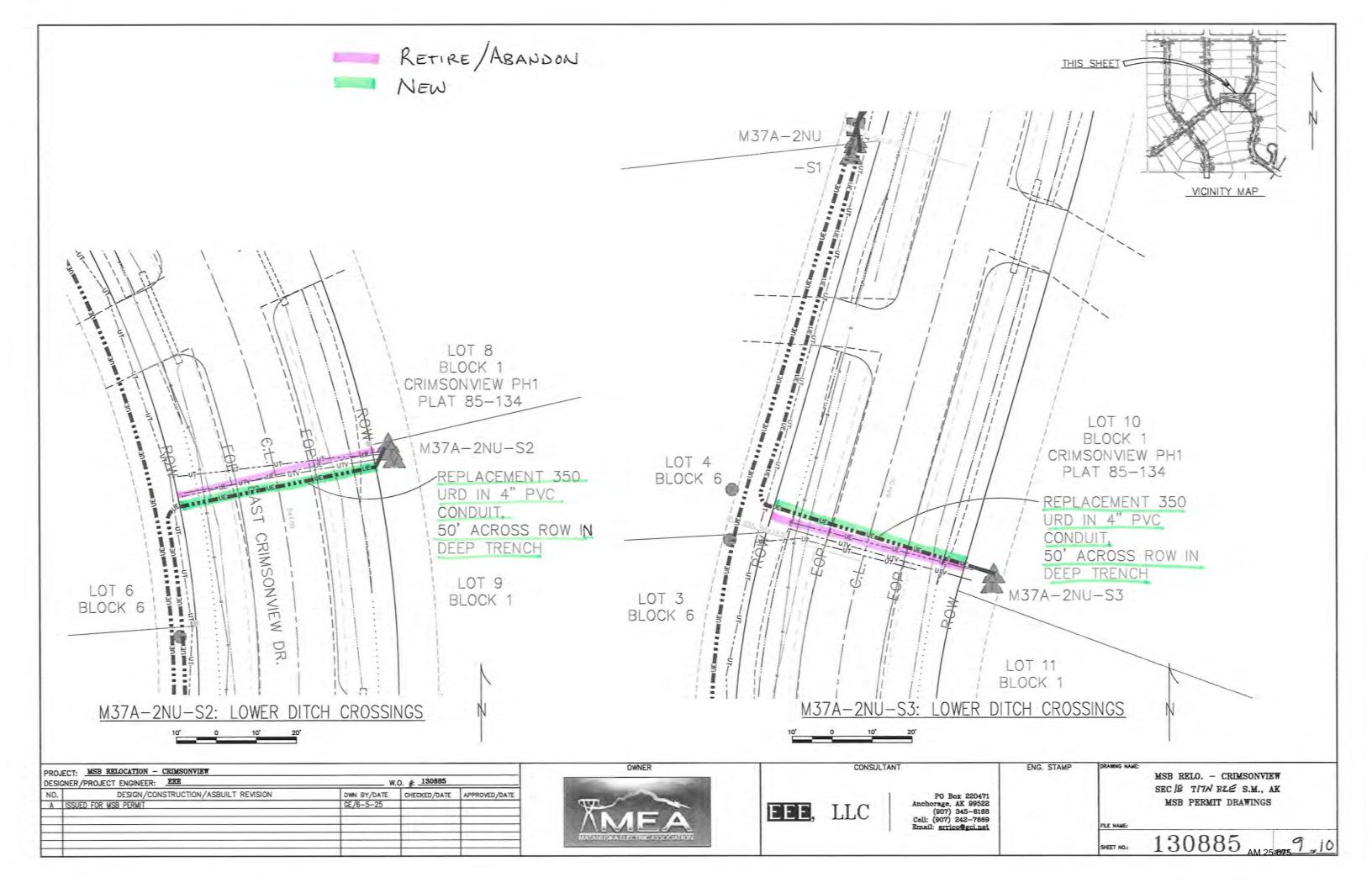
JED FOR MSB PERMIT

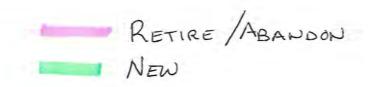
DWN BY/DATE CHECKED/DATE

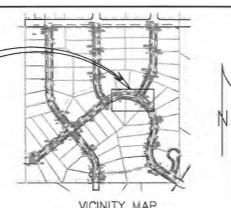






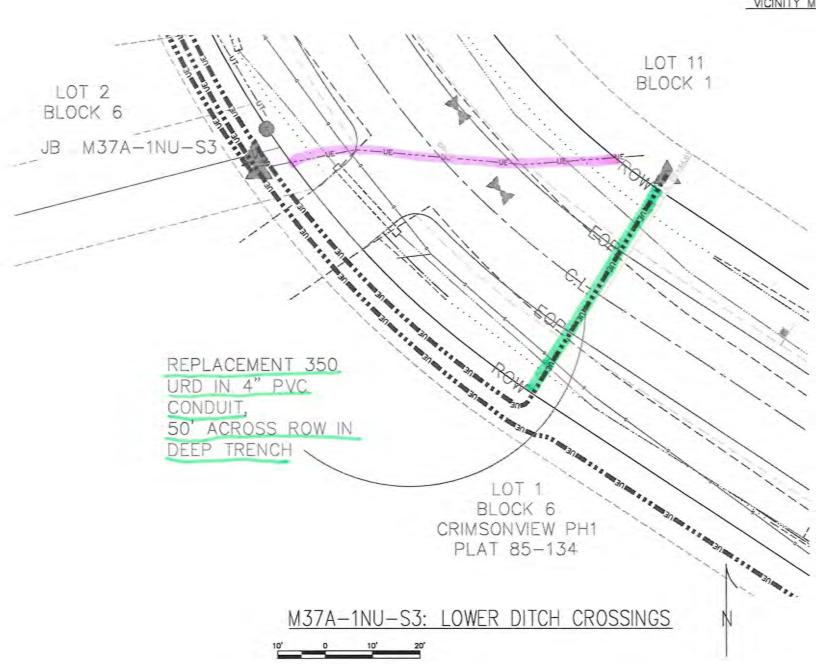






THIS SHEET

VICINITY MAP



DESIGN	NER/PROJECT ENGINEER: KKB	W.O. ≱ 130885					
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	CHECKED/DATE	APPROVED/DATE			
A I	ISSUED FOR MSB PERMIT	GE/6-5-25					
-							



EEE, LLC

MSB RELO. - CRIMSONVIEW SEC IS TITN RZE S.M., AK MSB PERMIT DRAWINGS

130885 AM 25-095 10 ... 10