

SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS IN THE AMOUNT OF \$125,164.07 TO MTA COMMUNICATIONS, LLC FOR THE W. HERKIMER DRIVE AND S. SPRING DRIVE IMPROVEMENTS PROJECT IN RSA 27 MEADOW LAKES, AND APPROVAL TO EXTEND THE PROJECT COMPLETION DATE TO DECEMBER 31, 2026.

AGENDA OF: June 2, 2026**ASSEMBLY ACTION:**

Approved under the consent agenda 06/02/26 - EMW

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Originator	X Austin Larson Signed by: Austin Larson 5/13/2026
Project Management Division Manager	X Cole Branham Signed by: Cole Branham 5/13/2026
Public Works Director	X Tom Adams, P.E. Signed by: Tom Adams 5/13/2026
Purchasing Director	X R. Krafft Signed by: R. Krafft 5/13/2026
Finance Director	X Cheyenne Heindel Signed by: Cheyenne Heindel 5/14/2026
Borough Attorney	X Nicholas Spiropoulos Signed by: Nicholas Spiropoulos 5/14/2026
Borough Manager	X Michael Brown Signed by: Mike Brown 5/15/2026
Borough Clerk	X Brenda J. Henry for Signed by: Brenda Henry 5/15/2026

ATTACHMENT (S) : Cost Estimate (5 pp)
Plans (11 pp)

SUMMARY STATEMENT: The W. Herkimer Drive and S. Spring Drive Improvements is Project Number in RSA 27 will upgrade the roads to MSB standards and improve drainage.

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, which is planned for late summer 2026 through 2027.

MTA Communications LLC., (MTA) provided a reimbursable time and materials cost estimate of \$116,239.54 for relocating communication utilities. MSB 3.08.161 requires Assembly approval for contract awards over \$100,000.

The Administration is requesting approval of additional cost in the amount of \$125,164.07 to MTA:

- \$8,924.53 for additional engineering, and
- \$116,239.54 for utility relocation,

bringing the total contract amount to \$130,164.07 including the original \$5,000 for preliminary engineering.

Additionally, the Administration requests an extension of the completion date to December 31, 2026, and the authority to extend the contract by up to 90 days if unforeseen circumstances arise.

RECOMMENDATION OF ADMINISTRATION: Approve additional preliminary engineering and utility relocation cost of \$125,164.07 to MTA Communications LLC for the W. Herkimer Drive and s. Spring Drive Improvements Project (Project Number 30047-6600-6693) in RSA 27; extend the completion date to December 31, 2026, and authorization to extend the time of performance up to 90 days if necessary.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: June 2, 2026

SUBJECT: APPROVAL OF ADDITIONAL COST OF \$ 125,164.07 TO MTA COMMUNICATIONS LLC. FOR PRELIMINARY ENGINEERING AND UTILITY RELOCATION FOR THE W. HERKIMER DRIVE AND S. SPRING DRIVE IMPROVEMENTS PROJECT IN RSA 27 MEADOW LAKES, AND APPROVAL TO EXTEND THE COMPLETION DATE TO DECEMBER 31, 2026.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$125,164.07	FUNDING SOURCE RSA Capital Projects
FROM ACCOUNT # 410.000.000 4xx.xxx	PROJECT# 30047-6600-6693
TO ACCOUNT:	PROJECT #
VERIFIED BY: 5 / 13 / 2026  Liesel Zanto Signed by: Liesel Zanto	

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL	125.2					
---------	-------	--	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other	125.2					
TOTAL	125.2					

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

APPROVED BY:	 Recoverable Signature
	 Cheyenne Heindel Signed by: Cheyenne Heindel

WO# 892-36489

WO NAME MSB Herkimer & Spring

FLD CHNG

ENG CHNG **x**

PAGE 1 OF 1

AUTHORIZATION / ACKNOWLEDGMENT

DATE 4/30/26

ENGINEER H.Anderson

C/O # **#1**

Dir Eng & Const. C. Burris

SEE SHEET # **Estimate Cover & Summary Report**

CONTRACTOR None/MTA

SEE ITEM # **Other**

RELOCATE AGENCY MSB

ROW AUTHORIZATION _____

DATE _____

CHANGES

This change order adds \$5,000 to the Project Estimate under **Other** for “vac truck” time to assist MSB in potholing efforts determining depths of the existing utilities on the project.

COMMENTS

No change to Design Sheets.

ITEMIZED CHANGES

TOTAL:\$ 5,000.00

ENGINEERING & PLACING

SPLICING

[illegible]

OSP Work Order Cover Sheet									
Work Order #:		Service Order #:		Eng:					
36489		0		HLA					
Project Description:		HERKIMER AND SPRING PRELIMINARY CO1		CLLI:					
*Purpose:		MSB Relocate		JHNS					
This work order will relocate MTA Facilities in conflict with MSB Project # 19-27-0030 W Herkimer Dr, S Spring Dr Street Improvements, Grading, Drainage, and Surfacing.				Bud#		345 - Relocate			
				Exch:		892 - Big Lake			
				Acct. Code:		2423.20 BCU-Buried Copper			
				Competitive CLLI? Y/N		N			
Work Order Tracking									
OSP Engineer 04/30/2026 HLA		To ROW _/_/_		To Construction _/_/_		Testing Comp _/_/_			
OSP Ntwrk Engr _/_/_		Out of ROW _/_/_		To Contract _/_/_		Final Post _/_/_			
OSP Eng Supv/Frm _/_/_		Permit Req'd (Y/N) _		Contract Comp _/_/_		OSP Engr Review _/_/_			
DIR E&C 5/4/26 CRB		Verbal (Y/N) _		Placing Comp _/_/_		OSP Ntwrk Engr _/_/_			
VP of OEC * _/_/_		Time _		Plac Rem Comp _/_/_		OSP E&C MGR _/_/_			
*(over \$200K Unidentified or 10% over Identified)		Date _/_/_		SPL Comp _/_/_					
Final		Is WO Identified?		AGENCY		SPL Rem Comp _/_/_			
		2026 Identified		Per _ Intials		F/O SPL Comp _/_/_			
Template: DOL Rate OVER \$25K									
Original		Estimate Summary		Hours		Dollars		Engineering	
Change Orders:		Engineering - Preliminary Design		52.70		9,348.30		Contract Bid	
Number / Date / Initial		Engineering - Construction		15.81		2,804.49			
#1 / 04-30-2026 / HLA		Engineering - Posting Asbuilt redlines		9.99		1,771.74			
/ /		Survey Prep		0.00		0.00			
/ /		Survey Design - Crew		0.00		0.00			
/ /		Survey Construction - Crew		0.00		0.00		Placing	
/ /		Inspector		0.00		0.00		Contract Bid	
/ /		Placing		377.20		76,097.14			
/ /		Mobilization & Staging - Placing		55.20		11,136.05			
/ /		Splicing		57.79		11,821.59		Splicing	
Cable Information		Mobilization & Staging - Splicing		9.20		1,882.04		Contract Bid	
Estimated Footage:		ROW Permits/Easements/Fees				0.00			
Copper Footage 2115		ROW Labor		27.60		4,895.96			
Fiber Footage 408		Materials				7,928.61			
Actual Footage:		Material Overhead				477.30			
Copper Footage 0		Boring - Contractor Footage		213		11,016.40			
Fiber Footage 0		Clearing - Contractor Footage		0		0.00			
Retired Route Footage:		SWPPP				0.00			
Copper Footage 0		Landscaping Footage		0		0.00			
Fiber Footage 0		Perdiem/Lodging/Meals/Mileage				0.00			
New Route Footage:		Other				5,000.00			
Copper Footage 0		Aid to Construction				0.00			
Fiber Footage 0				Material + Overhead:		\$ 8,405.91			
				Labor Sub Total:		\$ 119,757.32		ROM or	
				Other Sub Total:		\$ 16,016.40		Est. Budget	
				TOTAL Work Order:		\$ 144,179.63		\$145,000.00	
Notes:									
VDSL Nodes:		Total Estimated:		VDSL Nodes:		Total Estimated:			
Total Lots:		14		Loops > 6.5 KFT Before Cutover:		0			
Total Structures:		0		Loops < 6.5 KFT After Cutover:		0			
Lots-passed w/Innerduct:		14		Loops > 4 KFT Before Cutover:		0			
Loops >10 KFT Before Cutover:		0		Loops < 4 KFT After Cutover:		0			
Fiber Builds:		Total Estimated:		Fiber Builds:		Total Estimated:			
Total Lots:		0		Total Structures - FTTB:		0			
FDH being placed? Y or N		N		Total Structures - FTTH:		0			
Notes:									
This work order is priced for Summer Construction.									
Locates needed in the Spring of 2026 to determine two conflicts with existing MTA Facilities - replacement facilities included in estimate.									
CO1: MSB Reimbursable Estimate: \$130,164.07 (\$5,366.67 MATERIALS + \$114,797.40 LABOR)									
CO1: (No change) MTA Betterments Estimate: \$14,015.56 (\$4,055.65 MATERIALS + \$9,959.92 LABOR)									

Warehouse Pick List



WO#: 36489
 Exch: 892 - Big Lake
 CLLI: JHNS
 Name: MSB Relocate HERKIMER AND SPRING PRELIMINARY CO1

Employee Name: _____
 Employee #: _____
 Expected Pickup Date: _____

IM #	Qty	Unit	DESCRIPTION	DEPT
1601	7	BA 22	POSTWOODRECT3.5x4.5IN x 8FT	PLC
23994	7	BD-4 AH	PEDESTAL,CABLE,CAD8,GLV ST (MAX 400PR)	PLC
23405	6	BDO-5A	PEDESTAL, F/O CABLE, BDO-5A	PLC
16008	7	BM 11	MARKER,PEDESTAL,YLW,4FT,CLAMPS	PLC
17096	3246	BM 92-1.25D	INNERDUCT,1.25IN,BLK/ORG STRIPE	PLC
17096	582	BM 92-1.25T	INNERDUCT,1.25IN,BLK/ORG STRIP	PLC
17197	1282	BM 92-2T	INNERDUCT,2IN,BLK W/ORG STRIPE	PLC
25810	282	BMU 92-16.0mmOR	Pulling of a 16mm OD Microduct in a larger Innerduct; includes 16mm Orange Toneable	PLC
26772	48	SEB 6FNT-I	DROP F/O 06 NON-TONEABLE	PLC
16831	162	UFC 12-24	CABLE 12-24 Underground, in Conduit	PLC
16864	1630	UFC 25-24	CABLE 25-24 Underground, in Conduit	PLC
17080	323	UFC 6-24	CABLE 6-24 Underground, in Conduit	PLC
27087	408	UFO 144SRS	CABLE F/O 144 RIBBON, Spider Ribbon-Shielded, Underground in Conduit *Labor rate is for Blowing Fiber	PLC
19337	3	BM 50 (6/12)	TERMINAL 6 OR 12 PR	SPL

Relocate Summary Report

WOf#:		36489		Employee Name:						Matanuska Telephone Association	
Exch#:		892 - Big Lake		Employee #:						Relocate - Summary Report	
CLI#:		JHNS		Expected Pickup Date:							
Name:		MSB Relocate		HERKIMER AND SPRING PRELIMINARY CO1							
IM #	Qty	Unit	DESCRIPTION	Comments	DEPT	Material Cost	DB Labor Hours	Replacement in Kind - Materials	Replacement in Kind - LABOR	Betterment - Materials	Betterment - LABOR
	0	155	BM 60 (2 + 2 ea 1.25)	BORED Duct Plastic, 2" and 2 ea 1.25"	Contract	8,215.00	0	\$7,362.50		\$852.50	
	0	58	BM 60 (2ea 1.25)	BORED Duct Plastic, 1.25" x 2	Contract	2,801.40	0	\$2,755.00		\$46.40	
	0		Engineering Hours		Eng		78.50				
	0		Surveying Hours		Eng		0.00				
	0		Placing Mobilization &		PLC		55.20				
	0		Splicing Mobilization &		SPL		9.20				
	1601	7	BA 22		PLC	247.80	\$ 812.00	\$247.80	\$812.00		
	2394	7	BD-4 AH	PEDESTAL CABLE,CAD8, GLV ST (MAX 400PR)	PLC	928.41	\$ 4,872.02	\$928.41	\$4,872.02		
	23405	6	BDO-5A		PLC	930.00	\$ 2,784.01			\$930.00	\$2,784.01
	16008	7	BM 11	MARKER,PEDESTAL,YLW,4FT,CLAMPS	PLC	84.49	\$ 487.20	\$84.49	\$487.20		
	0	6	BM 2A	WIRE,1C/06 AWG,BARE COPPER,	PLC	-	\$ 417.60	\$0.00	\$417.60		
	0	345	BM 70	Compacted Road/Driveway Crossing added to trenching cost	PLC	-	\$ 26,677.45	\$0.00	\$26,677.45		
	17096	3246	BM 92-1.25D	INNERDUCT,1.25IN BLK/ORG STRIPE	PLC	1,785.30	\$ 3,765.38			\$1,785.30	\$3,765.38
	17096	582	BM 92-1.25T	INNERDUCT,1.25IN BLK/ORG STRIP	PLC	320.10	\$ 8,101.47	\$320.10	\$8,101.47		
	17197	1282	BM 92-2T	INNERDUCT,2IN BLK W/ORG STRIPE	PLC	1,025.60	\$ 17,845.52	\$1,025.60	\$17,845.52		
	25810	282	BMU 92-16.0mmOR	Pulling of a 16mm OD Microduct in a larger Innerduct; includes 16mm Orange Toneable	PLC	107.16	\$ 327.12			\$107.16	\$327.12
	26772	48	SEB 6FNT-I	DROP F/O 06 NON-TONEABLE	PLC	19.20	\$ 111.36	\$19.20	\$111.36		
	16831	162	UFC 12-24	CABLE 12-24 Underground, in Conduit	PLC	111.78	\$ 187.92	\$111.78	\$187.92		
	16864	1630	UFC 25-24	CABLE 25-24 Underground, in Conduit	PLC	1,744.10	\$ 1,890.81	\$1,744.10	\$1,890.81		
	17080	323	UFC 6-24	CABLE 6-24 Underground, in Conduit	PLC	132.43	\$ 374.68	\$132.43	\$374.68		
	27087	408	UFO 144SRS	CABLE F/O 144 RIBBON, Spider Ribbon-Shielded, Underground in Conduit *Labor rate is for Blowing Fiber	PLC	432.48	\$ 946.56	\$277.44	\$189.31	\$155.04	\$757.25
	0	4	WBD C	PEDESTAL REARRANGEMENT	PLC	-	\$ 696.00	\$0.00	\$696.00		
	0	235	WBFC	LOWER BURIED FILLED CABLE	PLC	-	\$ 3,271.21	\$0.00	\$3,271.21		
	0	10	WBFO	LOWER BURIED FIBER OPTIC CABLE	PLC	-	\$ 139.20	\$0.00	\$139.20		
	0	1	WBH	HANDHOLE REARRANGEMENT	PLC	-	\$ 1,160.01	\$0.00	\$1,160.01		
	0	30	WBM 92 ()	REARRANGE INNERDUCT	PLC	-	\$ 417.60	\$0.00	\$417.60		
	0	7	XBD	REMOVE PEDESTAL (3 4 OR 5)	PLC	-	\$ 812.00	\$0.00	\$812.00		
	0	5	BM 2C	EXISTING PED NEW CA BONDING	SPL	-	\$ 352.88	\$0.00	\$352.88		
	0	3	BM 2D	NEW PED EXISTING CABLE BOND	SPL	-	\$ 211.73	\$0.00	\$211.73		
	0	1	BM 30-(12)	PC STUB 12 PR	SPL	-	\$ 117.63	\$0.00	\$117.63		
	0	5	BM 30-(25)	PC STUB 25 PR	SPL	-	\$ 588.14	\$0.00	\$588.14		
	19337	3	BM 50 (6/12)	TERMINAL 6 OR 12 PR	SPL	59.76	\$ 352.88	\$59.76	\$352.88		
	0	6	HC-1	CABLE SPLICING W/INDIV. CONN.	SPL	-	\$ 28.23	\$0.00	\$28.23		
	0	125	HC-3	CABLE SPLICING W/MOD	SPL	-	\$ 294.07	\$0.00	\$294.07		
	0	7	PEDS-C	SPL SET-UP BD3.4.5&7	SPL	-	\$ 823.39	\$0.00	\$823.39		
	0	31	WHC-1	CABLE THROW W/INDIV. CONN 100 PR	SPL	-	\$ 583.43	\$0.00	\$583.43		
	0	75	WHC-3	CABLE THROW W/MOD 100 PR	SPL	-	\$ 1,058.65	\$0.00	\$1,058.65		
	0	27	WHO-1	Fiber Optic Cutover rearrange	SPL	-	\$ 6,351.90	\$0.00	\$6,351.90		
	0	1	WSEA	REARRANGE AERIAL DROP	SPL	-	\$ 117.63	\$0.00	\$117.63		
	0	5	WSEB	REARRANGE BURIED DROP	SPL	-	\$ 588.14	\$0.00	\$588.14		
	0	1257	XBFC 25-24	25 PAIR BURIED ABANDON	SPL	-	\$ -	\$0.00	\$0.00		
	0	6	XBM 30	REMOVE PC STUB	SPL	-	\$ 352.88		\$352.88		
			Totals		ALL						

Relocate Summary Report

												Matanuska Telephone Association Relocate - Summary Report			
WO#:		36489		Employee Name:											
Exch:		892 - Big Lake		Employee #:											
CLLI:		JHNS		Expected Pickup Date:											
Name:		MSB Relocate		HERKIMER AND SPRING PRELIMINARY CO1											
IM #	Qty	Unit	DESCRIPTION	Comments	DEPT	Material Cost	DB Labor Hours	Replacement in Kind - Materials	Replacement in Kind - LABOR	Betterment - Materials	Betterment - LABOR				
			Total Engineering Labor Costs =	\$13,924.53		15.84%	Engineering hours		\$12,715.50		\$1,209.03				
							Survey		\$0.00						
							Construction Inspector Hours		\$0.00						
							SWPPP		\$0.00						
							Landscaping		\$0.00						
							Perdiem, Lodging Meals		\$0.00						
							Mileage								
							Other		\$5,000.00						
							Aid to Constr		\$0.00						
							ROW permit/fees		\$0.00						
							ROW		\$4,895.96						
			Total Placing Staging & Mobilization Labor Costs =	\$11,136.05		10.03%	Placing Stage & Mob Hours		\$10,018.92		\$1,117.12				
			Total Splicing Staging & Mobilization Labor Costs =	\$1,882.04		0.00%	Splicing Stage & Mob Hours		\$1,882.04		\$0.00				
							Sub-Total	\$15,366.67	\$114,797.40	\$4,055.65	\$9,959.92				
								\$144,179.63							



March 16, 2026

MTA

Attn: Hunter Hegge

RE: Vac Truck Proposal

Dear Hunter:

As a follow-up to your request, below are the prices for the Vac Truck services.

Description	UOM	Unit rate
Two-man crew (ST)	Hourly	\$242.50
Two-man crew (OT)	Hourly	\$324.75
Two-man crew (DT)	Hourly	\$406.99
Vac/Hydro Excavation Truck	Hourly	\$146.30
Travel to and from jobsite (Crew and truck)	Hourly	\$270.00
Dump fee	Each	\$540.00

Should you need additional information or have any questions, please contact me at (907) 230-9040.

Sincerely,

A handwritten signature in blue ink, appearing to read "KJ Anderson", is placed above the printed name.

Kurt J. Anderson
Vice President Operations

PRELIMINARY CONSTRUCTION COPY

W.O. OVERVIEW

This work order will relocate MTA Facilities in conflict with MSB Project # 19-27-0030
W Herkimer Dr, S Spring Dr Street Improvements, Grading, Drainage, and Surfacing.
This work order will place 1630' UFC 25-24, 323 UFC 6-24, 162' UFC 12-24, 1282' BM 92-2 Copper Sleeves,
3828' BM 92-1.25, 7 BD-4 AH Copper Pedestals, 6 BDO-5A Fiber Pedestals and associated minor materials.
This work order will remove 1197 BFC 25-24, 6 Copper Pedestals and associated minor materials.

MTA LOCATES REQUIRED SPRING 2026:
SHEET 4 - DEPTH OF EXISTING UFO AND DUCT
CROSSING HERKIMER DRIVE ON THE EAST SIDE
OF SPRING DRIVE - IF EXISTING IS NOT IN
CONFLICT BORE AND DUCT TO SHEET 5
WILL NOT BE PLACED.
SHEET 5 - DEPTH OF EXISTING TWO BFC 6-24'S CROSSING
SPRING DRIVE TO MEA - IF EXISTING IS NOT IN
CONFLICT BORE AND DUCT BEYOND LOC 1 WILL NOT BE PLACED.

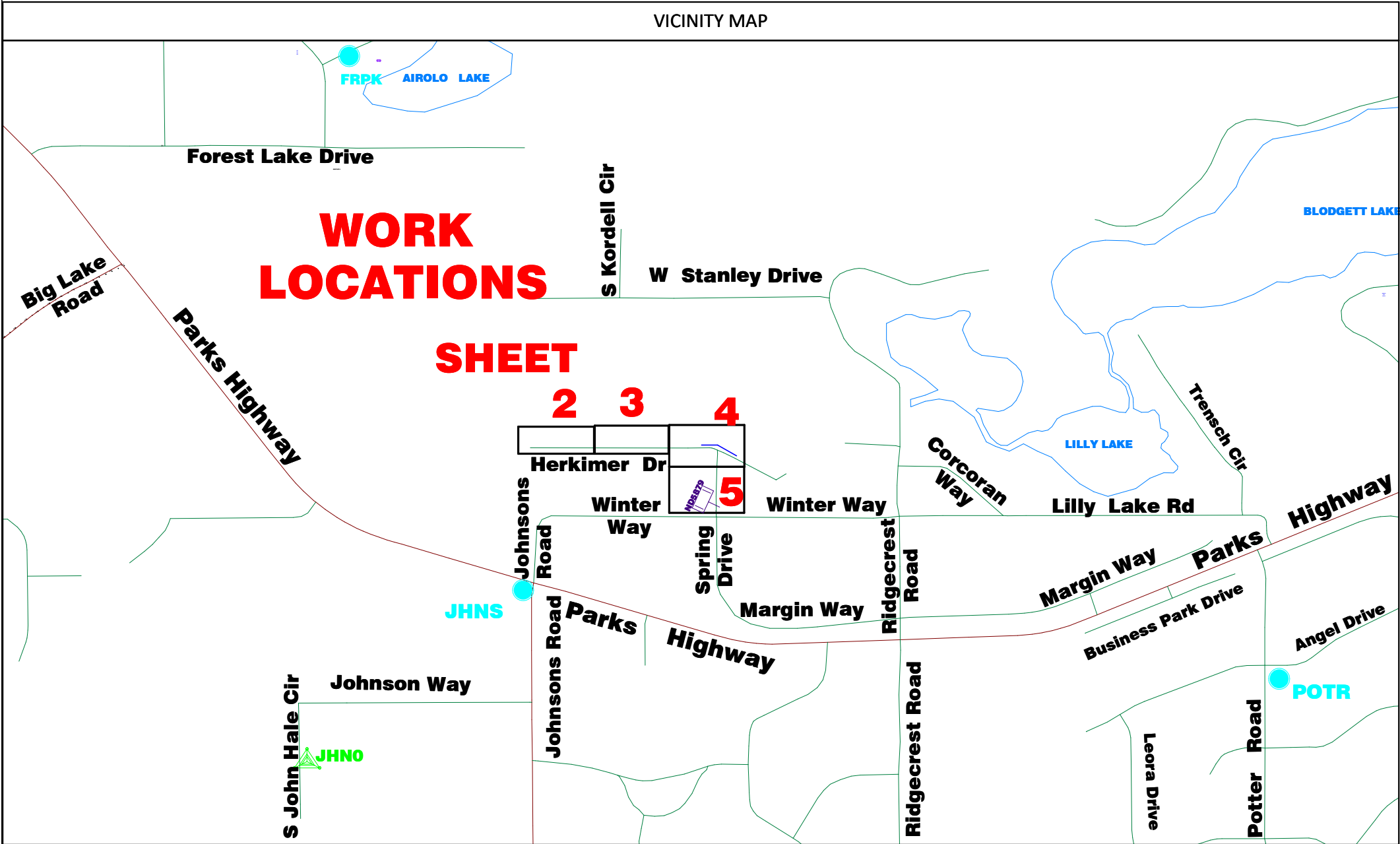
MTA ROW EASEMENT REQUESTS IN PROCESS 02/25/2026 ON
SHEET 4 HERKIMER SUBD.TRACTS 5 & 4.

TL= 1864'
BORE= 213'
NO CLEARING REQUIRED.
SHEET 4 MTA EASEMENTS IN PROCESS.

LEGEND:

CABLE PLACEMENT DEPTHS:	COPPER	FIBER
PUBLIC UTILITY EASMENT:	36" MIN	42" MIN
ROAD ROW (OUTER 5')	36"	42"
ROAD CROSSINGS	48"	48"
AERIAL CABLE		
BURIED CABLE		
NEW PEDESTAL		
EXISTING PEDESTAL		
MUNICIPALITY OF ANCHORAGE:	COPPER	FIBER
PUBLIC UTILITY EASEMENT:	42" MIN	42" MIN
ROAD ROW (OUTER 5')	42"	42"
ROAD CROSSINGS	48"	48"

VICINITY MAP



CALL BEFORE YOU DIG!!!	
ALASKA Digline INC 1-800-478-3121 - (811) COMPANY PROVIDED LOCATES	
GOLDEN VALLEY ELECTRIC	
ASSOCIATION	
CANTWELL - CLEAR:	452-1151
PARKS SERVICE	
MAINTENANCE DEPT:	683-2294
MATANUSKA - SUSITNA BOROUGH	
PUBLIC WORKS:	745-9802
CITY OF PALMER PUBLIC WORKS	
PUBLIC WORKS:	745-3925
DOT TRAFFIC SIGNALS	
ER-KNIK:	371-7081
VALLEY:	745-2102
STREET LIGHTS	
ER-KNIK:	338-1436
VALLEY:	745-2102

CONSTRUCTION NOTES:

- Y

CAUTION: LOCATE ALL UNDERGROUND FACILITIES IN AREA BEFORE START OF CONSTRUCTION - LOCATIONS ON PRINTS ARE APPROXIMATE. DRAWINGS ARE NOT TO SCALE. EXPOSE ALL CROSSINGS OF EXISTING BURIED FACILITIES BY HAND. USE EXTREME CAUTION WHILE WORKING AROUND HIGH VOLTAGE POWER LINES AND GAS MAINS.
- Y

SIGN AND/OR FLAG WORK LOCATION WITHIN ROAD ROW WHERE VISIBILITY IS LESS THAN 500 FT. BOTH DIRECTIONS. OBSERVE ALL APPLICABLE SAFETY PROCEDURES FROM ADOT, BOROUGH, MTA, MUNICIPALITY OF ANCHORAGE AND AREA.
- Y

PROJECT WILL BE STAKED - NO DEVIATIONS WILL BE PERMITTED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEERING DEPT. CONTACT ENGINEERING 48 HRS PRIOR START OF CONSTRUCTION FOR STAKES - IF REQUIRED. ALL MTA STAKING, LATH AND FLAGGING WILL BE REMOVED AT COMPLETION OF THE WORK ORDER.
- Y

A COPY OF APPROPRIATE PERMITS MUST BE ON SITE DURING CONSTRUCTION.
- Y

USE CAUTION WHEN DIGGING NEAR POWER POLES - SUPPORT IF NECESSARY.
- N

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION. DO NOT DISTURB LOT PINS OR SURVEY MARKERS.
- Y

ALL OPEN CUT ROAD CROSSINGS SHALL BE RECOMPACTED PER PERMIT REQUIREMENTS.
- N

THE FOLLOWING WORK WILL BE REQUIRED AT ALL INNERDUCT JOINTS: A MINIMUM 12" LENGTH OF HEAT SHRINK TUBING TO BE APPLIED EQUALLY OVER BOTH SIDES OF THE INNERDUCT COUPLING TO MAKE AN AIRTIGHT SEAL.
- N

CLEARING REQUIRED
- N

CREEK/LAKE
- Y

PIPE PUSH/BORE
- Y

CUT SHEETS REQUIRED
- N

CONST SURVEY ONLY
- Y

CAT REQUIRED (COPPER)
- N

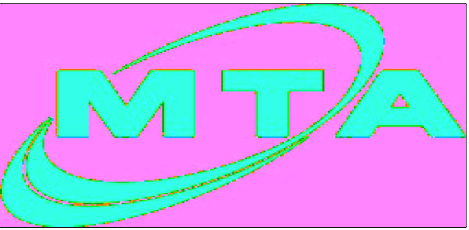
SWAMP
- Y

LANE CLOSURE REQUIRED
- N

CO & HUT MDF JUMPERS CABLE
- Y

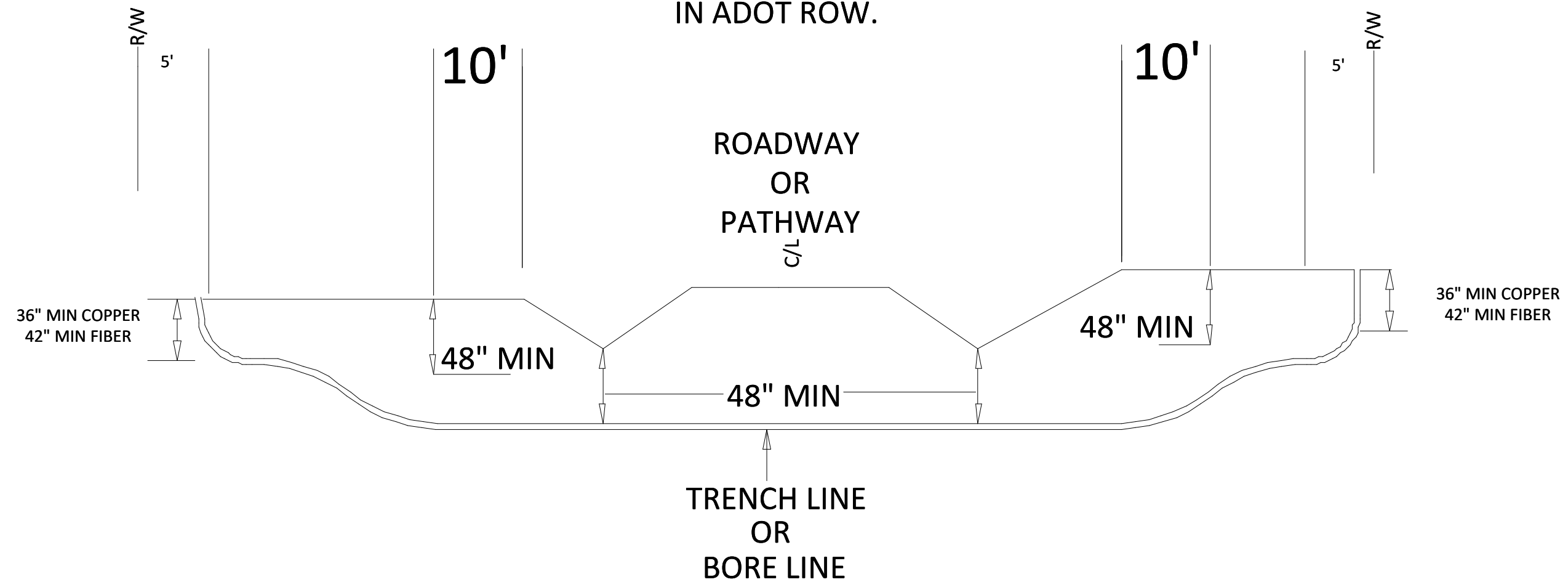
R.O.W. REQ REVIEW
- 4
- SHEET(S)
- MILEPOST
- MILEPOINT
- ROUTE#

OSP E&C SUPV/FOREMAN:	DATE:
NETWORK PLANNER:	DATE:
DIRECTOR OSP ENG&CONST: <i>Cliff Burris</i>	DATE: 3/5/26
R.O.W AGENT:	DATE:
RELATED WO:	CLLI: JHNS
WO#: 892-36489	ENG: H.Anderson
DATE: 03/02/2026	FILE: CV_892-36489 SHEET 1 OF 5



892-36489 SHEET 1 OF 5

WO# 892-36489 MTA TYPICAL FOR ADOT ROW
THIS DRAWING SUPERSEDES THE COVER SHEET LEGEND.
ADOT ROADWAY &/OR PATHWAY DETAIL
FOUR FOOT MINIMUM DEPTH TO
BE MAINTAINED WHEN CROSSING
UNDER, OR WITHIN TEN FEET OF
SLOPE LIMITS OF PATH AND/OR ROADWAY
IN ADOT ROW.



GENERAL BORING / EXCAVATION NOTES:

- 1. ALL CONDUIT PLACED BY BORING OR EXCAVATION MUST BE A MINIMUM OF 4 FEET BELOW THE LOWEST ROAD EXCAVATION (USUALLY THE DITCH BOTTOM) IN STRUCTURAL SECTIONS AND WITHIN TEN FEET OF SLOPE LIMITS (INCLUDING BIKE PATH SLOPES)
- 2. NOTED BORE/TRENCH LENGTHS ARE APPROXIMATE. ACTUAL LENGTHS MAY VARY DEPENDING ON RIG SETUP LOCATIONS

WO NUMBER: 892-36489	
ENGINEER: H.Anderson	
CLLI: JHNS	TWIN: 17N
RNG: 02W	SEC: 07
GRID: NW3643	MSB: HO 10
DRAFTER:	
AS BUILT DATE:	
WO DESC.:	
SHEET NAME:	
NOTES: Scale: 50	
↑ N Filename: CV_892-36489 SHEET 1A OF 5 Staked By: AD\handerson Last Accessed By: Last Saved: 2/26/2026	
SUB. INFO	
[IMAGE MTA Logo-Model.JPEG] 892-36489 SHEET 1A OF 5	

**TYPICAL MSB ROAD CROSSING
CROSSING
DETAIL**

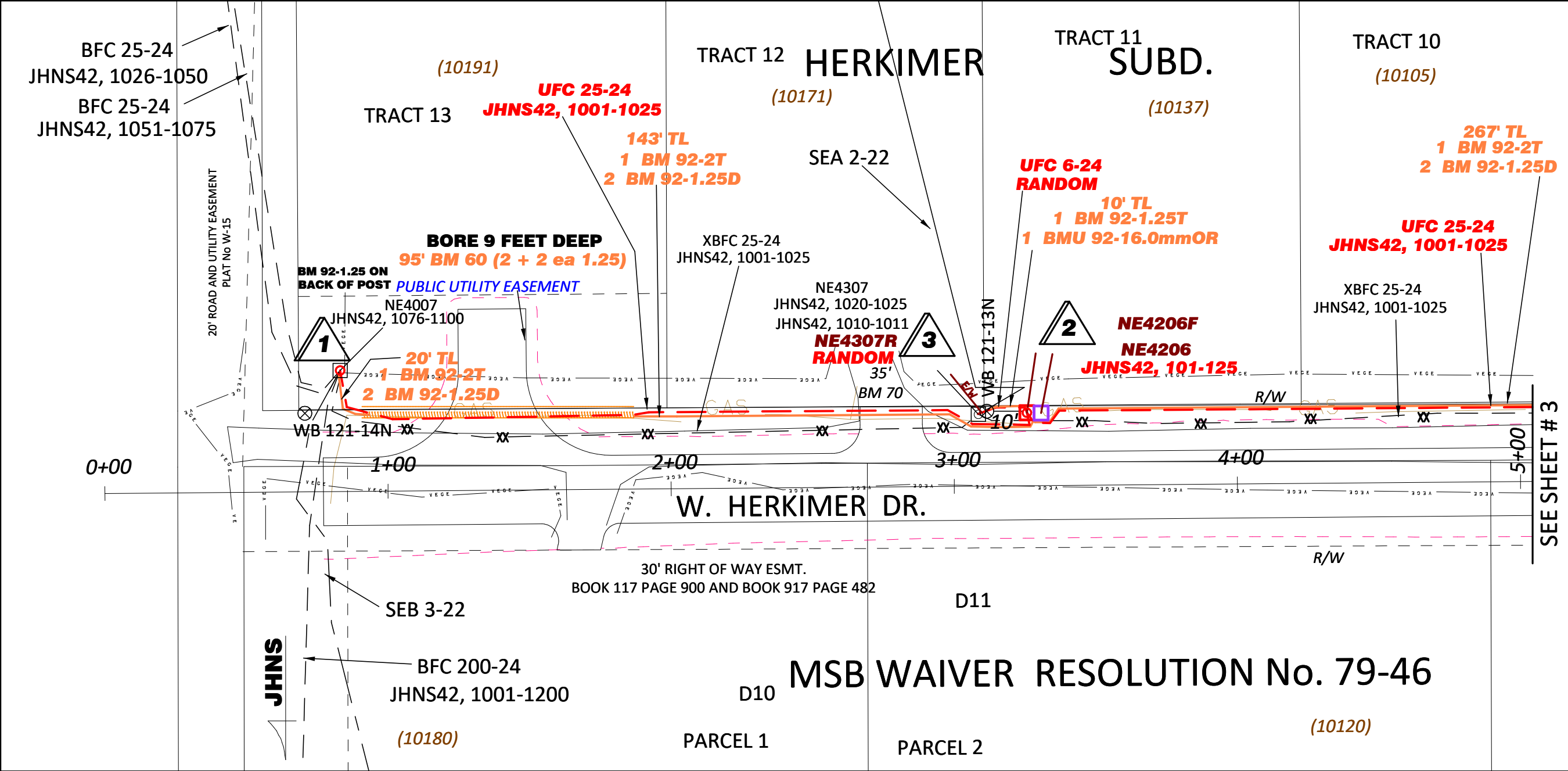
The diagram illustrates a cross-section of a road crossing over a trench or bore line. Key dimensions and material specifications include:

- Top Width:** The total width of the road surface is 5' on each side of the centerline (C/L).
- Centerline:** The centerline (C/L) is marked in the middle of the road.
- Side Slopes:** The road surface slopes down from the edges to the centerline.
- Bottom Width:** The width of the road at the bottom is 36" MIN.
- Depth:** The depth of the road from the top edge to the bottom is 48" MIN.
- Material Requirements:**
 - 36" MIN COPPER
 - 42" MIN FIBER
- Trench Line:** The trench line or bore line is indicated at the bottom of the diagram.

1. ALL CONDUIT PLACED BY BORING OR EXCAVATION MUST BE A MINIMUM OF 4 FEET BELOW THE LOWEST ROAD EXCAVATION (USUALLY THE DITCH BOTTOM)
2. NOTED BORE/TRENCH LENGTHS ARE APPROXIMATE. ACTUAL LENGTHS MAY VARY DEPENDING ON RIG SETUP LOCATIONS.

	
	Filename: CV_892-36489 SHEET 1B OF 5
	Staked By: AD/handerson
	Last Accessed By:
	Last Saved: 2/26/2026

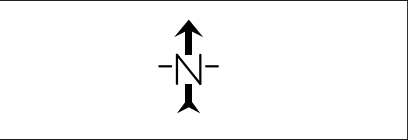
[IMAGE MTA LOGO-Model.JPEG.]



WO NUMBER:	892-36489
ENGINEER:	H.Anderson
CSA:	JHNS
TWN:	17N
RNG:	02W
SEC:	07
GRID:	NW3643
MSB or MOA:	HO 10
CREATION DATE:	

NOTES:
Scale: 1 TO 40

CONSTRUCTION NOTES:
NO CLEARING REQUIRED.
PEDS SET TEN FEET FROM EXISTING POLES.
BM 92-2 TO COPPER PEDS, SLEEVE FOR CABLE PULLS.
TWO BM 92-1.25D TO FIBER PEDS.
LOC 1 - CAP ENDS AND STUB 1.25 UP ON BACK OF POST.
LOC 3 - ONE BM 92-1.25 FROM LOC 2 SLEEVE FOR UFC 6 AND BMU 92.16 FROM FIBER PED.

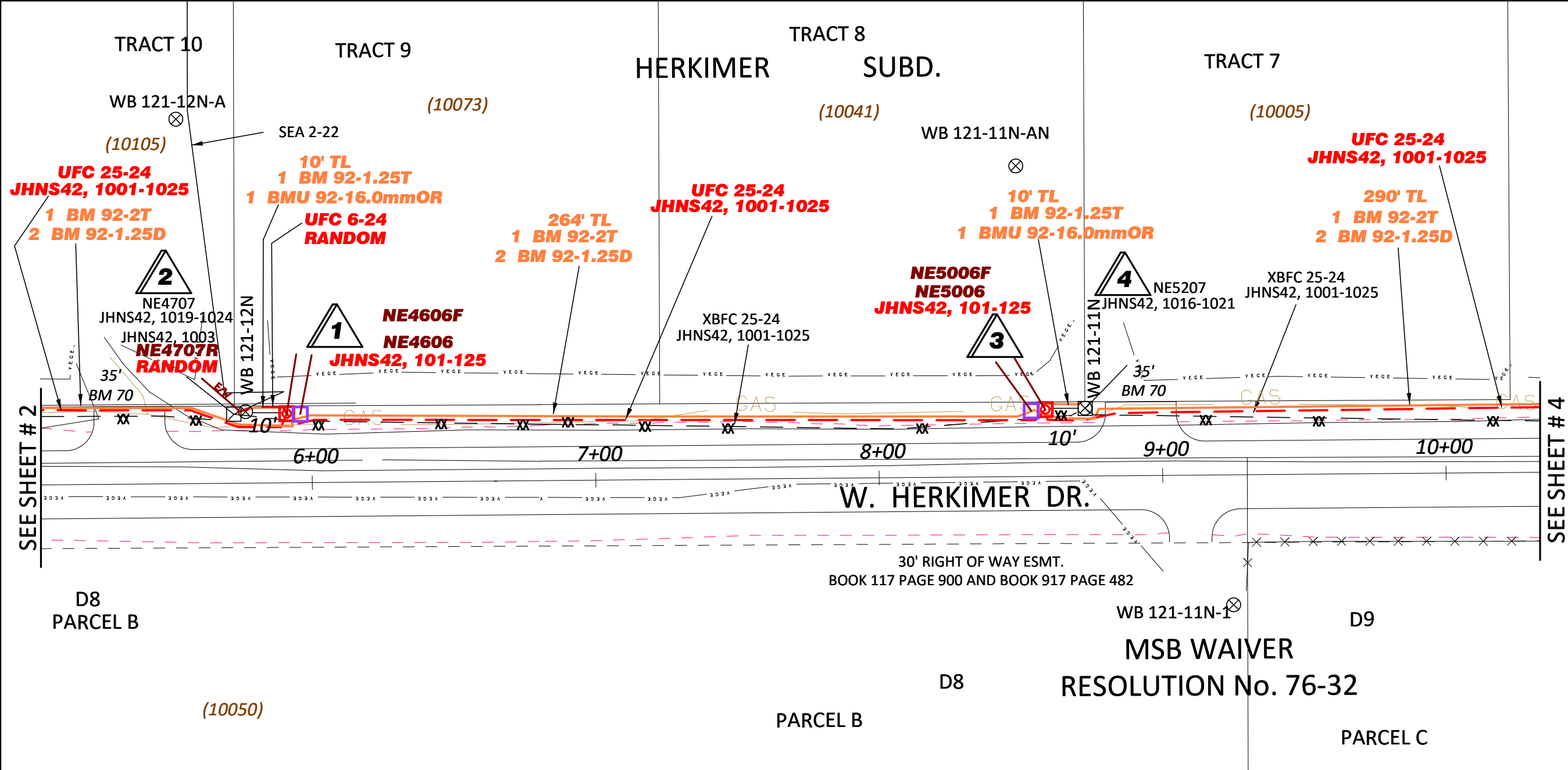


WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
2	UFC 25-24	277'	BM 70 35	0	0	0	0	0	0	0		
3	UFC 6-24	30'	0	0	0	0	0	0	0	0		
3	XBFC 25-24	249'	0	0	0	0	0	0	0	0		
1	WBD C	1	WBFC 5	0	0	0	0	0	0	0		
2	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0		
2	*B* BDO-5A	1	0	0	0	0	0	0	0	0		
3	XBD	1	XBM 30 1	0	0	0	0	0	0	0		
1	TL	20'	BM 92-2T 30	*B* BM 92-1.25D 60								
2	TL	143'	BM 92-2T 153	*B* BM 92-1.25D 306								
2	*B*=(2 ea 1.25) BM 60 (2 + 2 ea 1.25)	95'										

Filename:
SS_892-36489 SHEET 2 OF 5
Staked By: AD\handerson
Last Saved: 2/25/2026

MTA

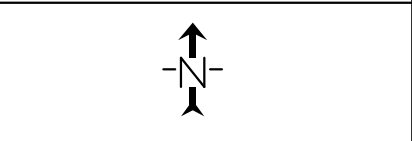
WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-36489
3	TL	10'	BM 92-1.25T 20	*B* BMU 92-16.0mmOR 20									ENGINEER: H.Anderson
1	BM 2C	1	WHC-3 25	0	0	0	0	0	0	0			CSA:
2	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			TWN:
2	BM 30-(25)	1	HC-1 2	0	0	0	0	0	0	0			RNG:
3	BM 50 (6/12)	1	WSEA 1	WHC-1 2	0	0	0	0	0	0			SEC:
													GRID:
													MSB or MOA:
													CREATION DATE:
													NOTES: Scale: 1 TO 40
													⌋⌋⌋ ⌋⌋⌋ ⌋⌋⌋ ⌋ Filename: SS_892-36489 SHEET 2 OF 5 Staked By: AD\handerson Last Saved: 2/25/2026
													MTA
													
													892-36489 SHEET 2A OF 5



WO NUMBER:	892-36489
ENGINEER:	H.Anderson
CSA:	JHNS
TWN:	17N
RNG:	02W
SEC:	07
GRID:	NW3643
MSB or MOA:	HO 10
CREATION DATE:	

NOTES:
Scale: 1 TO 40

CONSTRUCTION NOTES:
NO CLEARING REQUIRED.
PEDS SET TEN FEET FROM EXISTING POLES.
BM 92-2 TO COPPER PEDS, SLEEVE FOR CABLE PULLS.
TWO BM 92-1.25D TO FIBER PEDS.
LOCS 2 & 4 - ONE BM 92-1.25 SLEEVE FOR UFC 6 AND BMU 92.16 FROM FIBER PED.

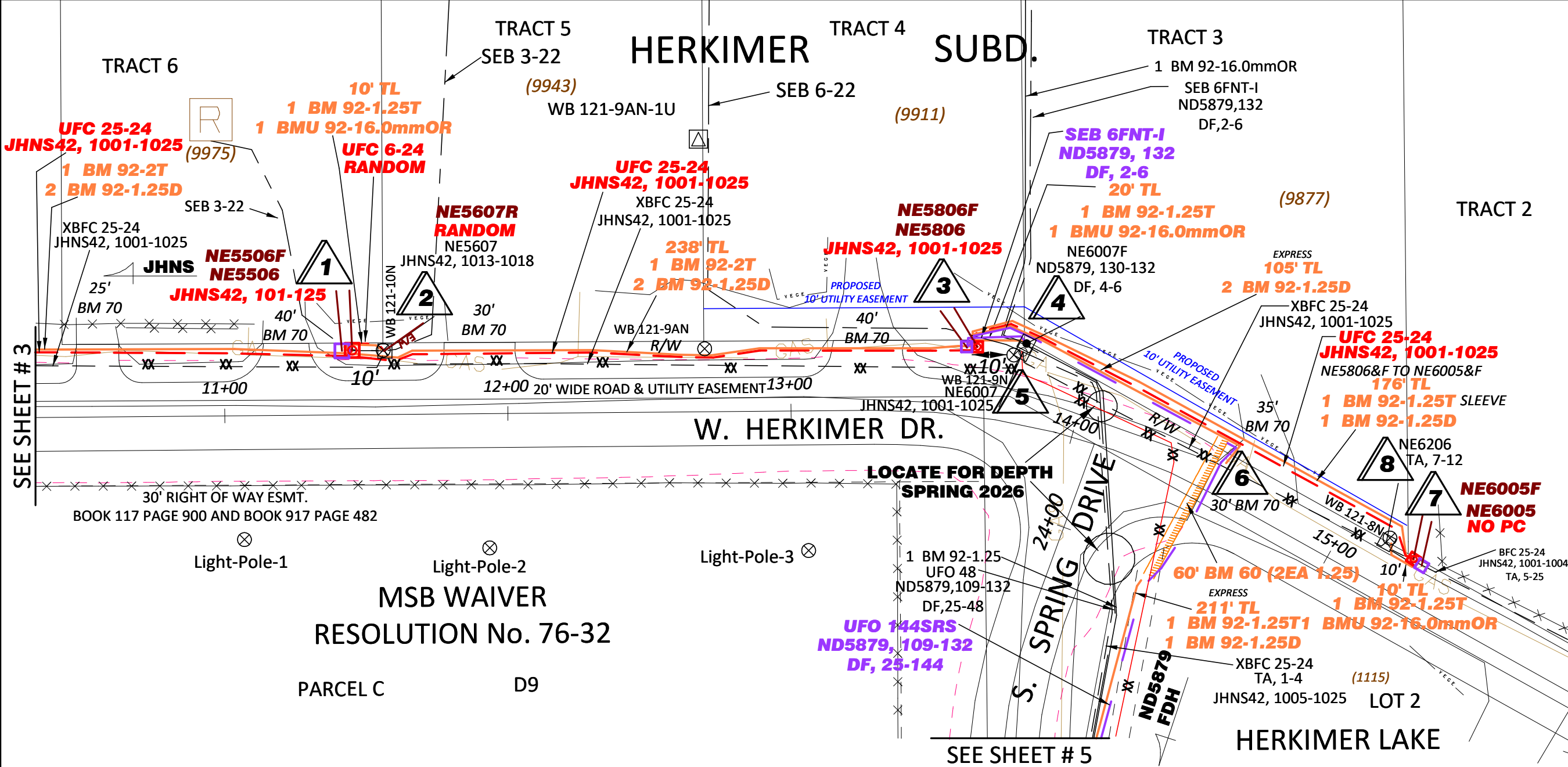


WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
1	UFC 25-24	272'	BM 70 35	0	0	0	0	0	0	0		
2	UFC 6-24	30'	0	0	0	0	0	0	0	0		
2	XBFC 25-24	259'	0	0	0	0	0	0	0	0		
3	UFC 25-24	292'	0	0	0	0	0	0	0	0		
4	XBFC 25-24	296'	0	0	0	0	0	0	0	0		
1	BD-4 AH *B*	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0		
1	BDO-5A	1	0	0	0	0	0	0	0	0		
2	XBD	1	XBM 30 0	0	0	0	0	0	0	0		
3	BD-4 AH *B*	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0		
3	BDO-5A	1	0	0	0	0	0	0	0	0		

Filename:	SS_892-36489 SHEET 3 OF 5
Staked By:	AD\handerson
Last Saved:	2/25/2026



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-36489
4	XBD	1	XBM 30 1	0 *B*	0	0	0	0	0	0	0		ENGINEER: H.Anderson
3	TL	264'	BM 92-2T 274	BM 92-1.25D 548 *B*									CSA:
1	TL	267'	BM 92-2T 277	BM 92-1.25D 554 *B*									TWN:
2	TL	10'	BM 92-1.25T 20	BMU 92-16.0mmOR 20 *B*									RNG:
4	TL	10'	BM 92-1.25T 20	BMU 92-16.0mmOR 20									SEC:
1	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0	0		GRID:
3	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0	0		MSB or MOA:
1	BM 30-(25)	1	HC-1 1	0	0	0	0	0	0	0	0		CREATION DATE:
2	BM 50 (6/12)	1	WSEB 1	WHC-1 1	0	0	0	0	0	0	0		NOTES: Scale: 1 TO 40
3	BM 30-(25)	1	0	0	0	0	0	0	0	0	0		
													↑ -N- ↓
													┌┐┐ └└└ ┌┐┐ └└└ ┌ Filename: SS_892-36489 SHEET 3 OF 5 Staked By: AD\handerson Last Saved: 2/25/2026
													MTA 
													892-36489 SHEET 3A OF 5



WO NUMBER:
892-36489

ENGINEER:
H.Anderson

CSA: JHNS

TWN: 17N

RNG: 02W

SEC: 07

GRID: NW3643

MSB or MOA: HO 10

CREATION DATE:

NOTES:
Scale: 1 TO 40

MTA LOCATES REQUIRED SPRING 2026 FOR DEPTH OF EXISTING UFO AND DUCT CROSSING HERKIMER ON THE EAST SIDE OF SPRING DRIVE - IF EXISTING IS NOT IN CONFLICT BORE AND DUCT TO SHEET 5 WILLBE CANCELED. MTA ROW EASEMENT REQUESTS IN PROCESS 02/25/2026 HERKIMER SUBD.TRACTS 5 & 4. CONSTRUCTION NOTES: NO CLEARING REQUIRED. PEDS SET TEN FEET FROM EXISTING POLES. BM 92-2 TO COPPER PEDS, SLEEVE FOR CABLE PULLS. TWO BM 92-1.25D TO FIBER PEDS. LOCS 2 & 8 - ONE BM 92-1.25 SLEEVE FOR UFC 6 AND BMU 92.16 FROM FIBER PED. LOC 4 ONE BM 92-1.25 FROM FIBER PED LOC 3.

↑
N
↓

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
1	UFC 25-24	311'	BM 70 35	BM 70 25	BM 70 40	0	0	0	0	0		
2	UFC 6-24	34'	0	0	0	0	0	0	0	0		
2	XBFC 25-24	285'	0	0	0	0	0	0	0	0		
3	UFC 25-24	280'	BM 70 30	BM 70 40	0	0	0	0	0	0		
5	XBFC 25-24	215'	0	0	0	0	0	0	0	0		
7	UFC 25-24	194'	BM 70 35	0	0	0	0	0	0	0		
8	XBFC 25-24	155'	0	0	0	0	0	0	0	0		
1	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0		
1	*B* BDO-5A	1	0	0	0	0	0	0	0	0		
2	XBD	1	XBM 30 1	0	0	0	0	0	0	0		

Filename:
SS_892-36489 SHEET 4 OF 5

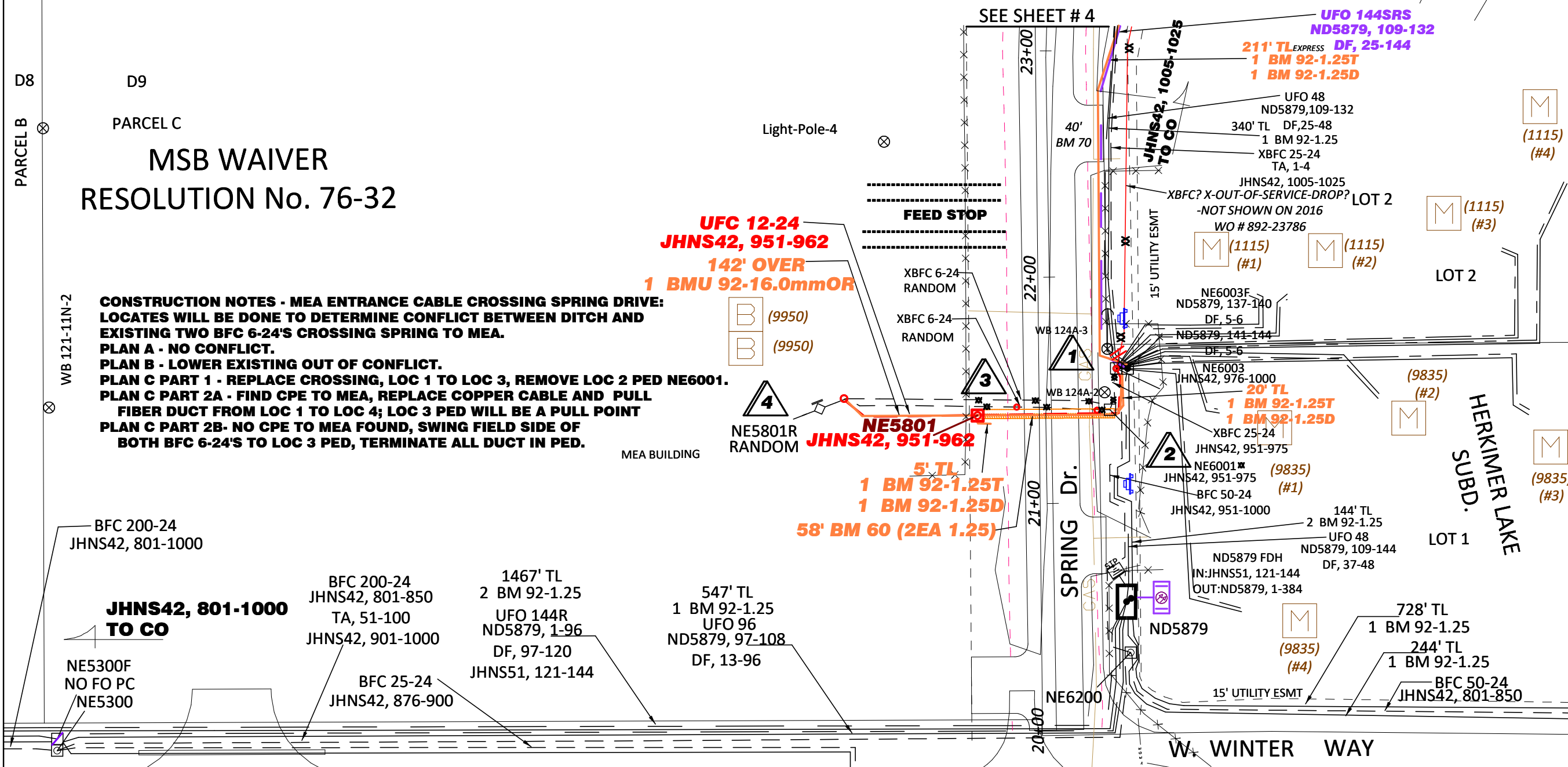
Staked By: AD\handerson

Last Saved: 2/25/2026

MTA

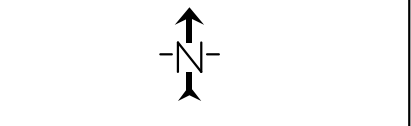
892-36489 SHEET 4 OF 5

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 892-36489
3	BD-4 AH *B*	1	BA 22 1	BM 2A 1	BM 11 1	WBFC 20	WSEB 1	0	0	0			ENGINEER: H.Anderson
3	BDO-5A	1	0	0	0	0	0	0	0	0			CSA:
4	WBD C	1	WBD C 1	WBM 92 () 5	WBM 92 () 5	WBM 92 () 5	0	0	0	0			TWN:
5	XBD	1	XBM 30 1	0	0	0	0	0	0	0			RNG:
7	BD-4 AH *B*	1	BA 22 1	BM 2A 1	BM 11 1	WBFC 25	0	0	0	0			SEC:
7	BDO-5A	1	0	0	0	0	0	0	0	0			GRID:
8	XBD	1	0	0	0	0	0	0	0	0			MSB or MOA:
4	SEB 6FNT-I	48'	0	0	0	0	0	0	0	0			CREATION DATE:
1	TL	290'	BM 92-2T 300	BM 92-1.25D 600									NOTES: Scale: 1 TO 40
2	TL	10'	BM 92-1.25T 20	BMU 92-16.0mmOR 20									
6	BM 60 (2EA 1.25)	60'											
3	TL	238'	BM 92-2T 248	BM 92-1.25D 496									
4	TL	20'	BM 92-1.25T 30	BMU 92-16.0mmOR 30									
6	TL	105'	BM 92-1.25D 230										
7	TL	176'	BM 92-1.25T 186	BM 92-1.25D 186									
8	TL	10'	BM 92-1.25T 20	BMU 92-16.0mmOR 20									
1	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			
3	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			
7	PEDS-C	1	BM 2D 1	WHC-3 25	0	0	0	0	0	0			
4	WHO-1	3	BM 2C 1	0	0	0	0	0	0	0			
2	BM 50 (6/12)	1	WSEB 1	WHC-1 1	WSEB 1	WHC-1 1	0	0	0	0			
1	BM 30-(25)	1	HC-1 1	HC-1 2	0	0	0	0	0	0			
3	BM 30-(25)	1	WSEB 1	WHC-1 2	0	0	0	0	0	0			
													↑ -N- ↓ Filename: SS_892-36489 SHEET 4 OF 5 Staked By: AD\handerson Last Saved: 2/25/2026 MTA 
													892-36489 SHEET 4A OF 5



WO NUMBER:	892-36489
ENGINEER:	H.Anderson
CSA:	JHNS
TWN:	17N
RNG:	02W
SEC:	07
GRID:	NW3643
MSB or MOA:	HO 10
CREATION DATE:	

NOTES: Scale: 1 TO 50
LOC 1 FROM SHEET 4:
LOCATES REQUIRED SPRING 2026
- IF NO CONFLICT THEN LOC 1 DUCT AND CABLE WILL NOT BE PLACED.
LOCATES LOCS 2 & 3 FOR MEA:
ON CALENDAR FOR SPRING 2026 - LOCATE FOR DEPTH OF EXISTING TWO BFC 6-24 ENTRANCE CABLES CROSSING SPRING DRIVE TO MEA.
LOC 2 EAST SIDE PED NE6001 WILL BE REMOVED ONLY IF EXISTING IS IN CONFLICT AND CANNOT BE LOWERED.
LOC 3: WEST SIDE IF FOUND - NOTE SIZE AND LOCATION OF MEA CPE TO DEMARK.
IF EXISTING BFC 6-24 IS IN CONFLICT AND CPE TO MEA IS FOUND THEN REPLACE COPPER FROM LOC 1 TO MEA DEMARC LOC 4 and PULL IN BMU 92-16.0mmOR frm Fiber Ped LOC 1.
IF CPE TO MEA IS NOT FOUND THEN SWING FIELD SIDE OF BOTH ENTRANCE CABLES INTO LOC 3 PROPOSED PED NE5801 AND STRAIGHT SPLICE TO UFC 12-24 FROM LOC 1.



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
2	XBFC 25-24	60'	0	0	0	0	0	0	0	0	
4	UFC 12-24	162'	0	0	0	0	0	0	0	0	
1	WBH	1	WBFC 5	0	0	0	0	0	0	0	
1	WBD C	1	WBM 92 () 5	WBM 92 () 5	WBFO 5	WBFO 5	BM 2C 1	WHO-1 24	0	0	
2	XBD	1	XBM 30 1	0	0	0	0	0	0	0	
3	BD-4 AH	1	WBFC 10	WBFC 10	BA 22 1	BM 11 1	0	0	0	0	
1	*B* UP FROM UFO 48 UFO 144SRS	408'	BM 70 40	BM 70 30	0	0	0	0	0	0	
1	TL	211'	BM 92-1.25T 221	BM 92-1.25D 221							
1	TL	20'	BM 92-1.25T 30	BM 92-1.25D 30							
3	TL	5'	BM 92-1.25T 15	BM 92-1.25D 15							

Filename:	SS_892-36489 SHEET 5 OF 5
Staked By:	AD/handerson
Last Saved:	3/2/2026



