STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

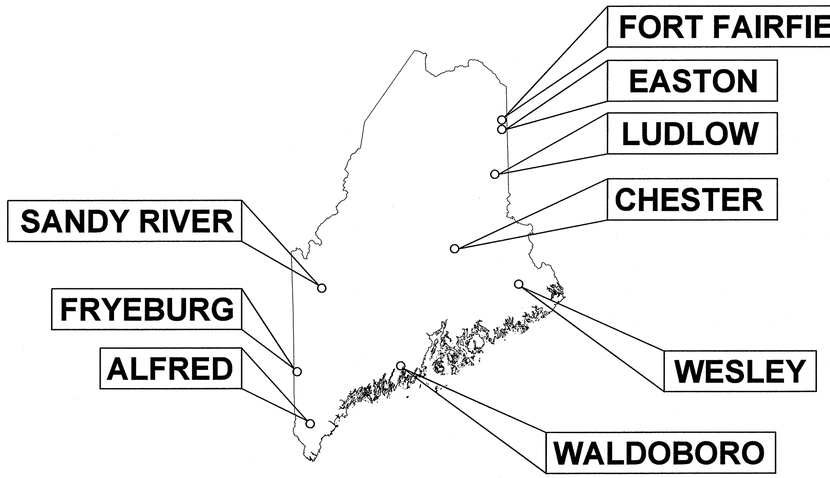
Town, County, State		Centerline-Existing	
Property Lines		Centerline-Proposed	10+00
R/W Lines-Existing		Travelway-Existing	
R/W Lines-Proposed		Travelway-Proposed	
Culvert-Existing		Railroad	
Culvert Proposed		Catch Basins	Existing ■ Proposed
Curbing	Existing Proposed	Manholes	Existing ● Proposed
Type 1		Proposed Underdrain	
Type 3		Proposed Ditch	
Type 5		Existing Ditch	
Outline of Bodies of Water		Utility Poles	Existing ♦ Proposed
Exposed Bedrock		Fire Hydrants	Existing ◆ Proposed
Buildings		Existing Water Line	W
Trees	Conifer Deciduous	Existing San. Sewer	
Tree Line		Existing San. Sewer Manhole	
Clearing Limit Line	CLL CLL	Guardrail-Existing	
Boring		Guardrail-Proposed	
Existing Overhead Line	OHU	Guardrail-Cable, Other	

	Existing	Proposed
Overhead Electric		OW
Electrical Conduit	E	EI
Communication Conduit	ITS	PITS
ITS Controller Cabinet		
Solar Panel Array		
Road Weather Information Station (RWIS)		
Pullbox	pb	PB
Meter Pedestal		
Support Posts		
Light Pole		
Blank Out Sign		BOS

STATEWIDE

RWIS INSTALLATIONS

FEDERAL PROJECT NO. 2418500
STATE WIN 024185.00



INDEX OF SHEETS

PROJECT LOCATION:	Statewide. Including the Towns of Alfred, Chester, Easton, Fort Fairfield, Fryeburg, Ludlow, Sandy River, Waldoboro, and Wesley.
PROGRAM AREA:	Traffic/ITS (Intelligent Transportation Systems)
OUTLINE OF WORK:	This project will install eight (8) new Road Weather Information Stations (RWIS) and two (2) new advanced warning Blank Out Signs (BOS) with Flashing Beacons across the State of Maine.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER: [signature] DATE 6-25-24
CHIEF ENGINEER: [signature] DATE 6-19-2024

STATE OF MAINE MARK D. SUENNEN No. 11481 LICENSED PROFESSIONAL ENGINEER

SIGNATURE [signature] P.E. NUMBER 11481
DATE 6/14/2024

PROJECT INFORMATION

PROGRAM	TRAFFIC		
PROJECT MANAGER	D. LORING		
DESIGNER	D. SCHANDEL		
CONSULTANT	VHB		
PROJECT RESIDENT			
CONTRACTOR			
PROJECT COMPLETION DATE			

STATEWIDE
RWIS INSTALLATIONS

TITLE SHEET

WIN 024185.00

SHEET NUMBER 1 OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) STANDARD SPECIFICATIONS.

2. CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE MAINEDOT STANDARD DETAILS AND THE MAINEDOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL (LATEST EDITION AND REVISIONS) UNLESS OTHERWISE INDICATED IN THESE PLANS.

3. NO FORMAL SURVEY WAS CONDUCTED FOR THE DESIGN OF THIS PROJECT. CONDUITS AND PULL BOXES WERE NOT ASSIGNED GPS COORDINATES. DESIGN WAS BASED ON AERIAL PHOTOGRAPHY, AND FIELD INVESTIGATION CONDUCTED BY VHB.

4. ALL NON-PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDED, UNLESS OTHERWISE DIRECTED BY THE RESIDENT. ALL PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR. COSTS FOR REPAIR OF DISTURBED AREAS SHALL BE INCIDENTAL TO OTHER CONTRACT ITEMS.

5. THE CONTRACTOR SHALL CONTACT DIG SAFE PRIOR TO ANY EXCAVATION WORK.

6. THE CONTRACTOR SHALL INSTALL A GROUNDING SYSTEM FOR EACH INSTALLATION THAT FOLLOWS LOCAL, STATE, AND NEC GUIDELINES. THE CONTRACTOR SHALL VERIFY A READING THAT MEETS MANUFACTURERS RECOMMENDATIONS UPON INSTALLATION. IN THE EVENT OF ONE OR TWO STANDARD COPPER GROUND RODS ARE INSUFFICIENT TO MEET THE MANUFACTURER'S GROUNDING REQUIREMENTS, THE CONTRACTOR SHALL INSTALL A CHEMICAL GROUND ELECTRODE SYSTEM. THE CHEMICAL GROUND ELECTRODE SYSTEM SHALL EITHER BE EPA APPROVED OR PLACED IN EPA APPROVED AND IEC 62561 BENCHMARK-EXCEEDING GROUND ENHANCEMENT MATERIAL.

7. THE CONTRACTOR SHALL STAKE OUT THE LOCATION OF THE PROPOSED RWIS FOUNDATIONS AND REQUEST APPROVAL FROM THE RESIDENT PRIOR TO ORDERING MATERIALS.

TEMPORARY TRAFFIC CONTROL:

1. ALL TRAFFIC CONTROL EQUIPMENT, DEVICES, AND TEMPORARY TRAFFIC CONTROLS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CHAPTER 6 AND THE LATEST EDITION OF THE MAINEDOT STANDARD DETAILS.

2. ALL TEMPORARY TRAFFIC CONTROL SIGNS, SIGN SUPPORT STRUCTURES, CHANNELIZING DEVICES, FLASHING ARROW PANELS (FAP), PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AND OTHER TRAFFIC CONTROL EQUIPMENT ALONG THE ROADSIDE SHALL MEET OR EXCEED MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) 2016, TEST LEVEL 3 (TL-3) IF MANUFACTURED AFTER DECEMBER 31, 2019. ALL OTHER TRAFFIC CONTROL EQUIPMENT SHALL MEET OR EXCEED NCHRP 350 TL-3.

3. ALL TEMPORARY TRAFFIC CONTROL SIGNS SHALL HAVE ASTM D4956 TYPE VII, TYPE VIII OR TYPE IX SUPER HIGH INTENSITY OR PRISMATIC FLUORESCENT RETROREFLECTIVE SHEETING AND SHALL BE MAINTAINED IN LIKE-NEW CONDITION. ALL ORANGE CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE WITH TYPE IX SHEETING. PLACEMENT OF CONSTRUCTION SIGNS SHALL BE ADJUSTED TO AVOID OBSTRUCTING EXISTING SIGNS AND TO ENSURE PROPER SIGHT LINES TO THE CONSTRUCTION SIGNS AS DETERMINED BY THE RESIDENT.

4. ANY SIGNS, EQUIPMENT, OR DEVICES FOUND TO BE DAMAGED OR UNSERVICEABLE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

5. ALL SHOULDER AND LANE CLOSURES SHALL REQUIRE APPROVAL OF THE RESIDENT A MINIMUM OF TWO WORKING DAYS IN ADVANCE OF THE CLOSURE.

6. IF WORK IS TO BE CONDUCTED AT NIGHT, THE CONTRACTOR SHALL SUBMIT A LIGHTING PLAN FOR NIGHT WORK TO THE RESIDENT FOR APPROVAL.

GUARDRAIL PROTECTION:

1. IF THE CONTRACTOR ELECTS TO REMOVE A SEGMENT OF GUARDRAIL FOR ACCESS TO THE WORK AREA, THE CONTRACTOR SHALL RESET THE GUARDRAIL AT THE END OF THE WORKDAY. ALTERNATIVELY, THE CONTRACTOR SHALL PROTECT THE TEMPORARY BLUNT END WITH A SUITABLE CRASH CUSHION. CRASH CUSHIONS INSTALLED FOR THE CONTRACTOR'S CONVENIENCE WILL NOT BE PAID FOR BUT WILL BE CONSIDERED INCIDENTAL TO THE MAINTENANCE OF TRAFFIC CONTROL DEVICES ITEM.

RIGHT-OF-WAY

1. RIGHTS-OF-WAY WHERE NOTED IN THE PLANS WAS TAKEN FROM RECORD PLANS AND APPROXIMATED ON THE SITE PLANS. NO SURVEY OR BENCHMARKING WAS APPLIED TO THE RIGHT-OF-WAY INFORMATION SHOWN IN THE PLANS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN
024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE	
DESIGN-DETAILED	DJS	
CHECKED-REVIEWED	DJS	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1	JAR	10/2023
REVISIONS 2	MDS	10/2023
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STATEWIDE
RWIS INSTALLATIONS

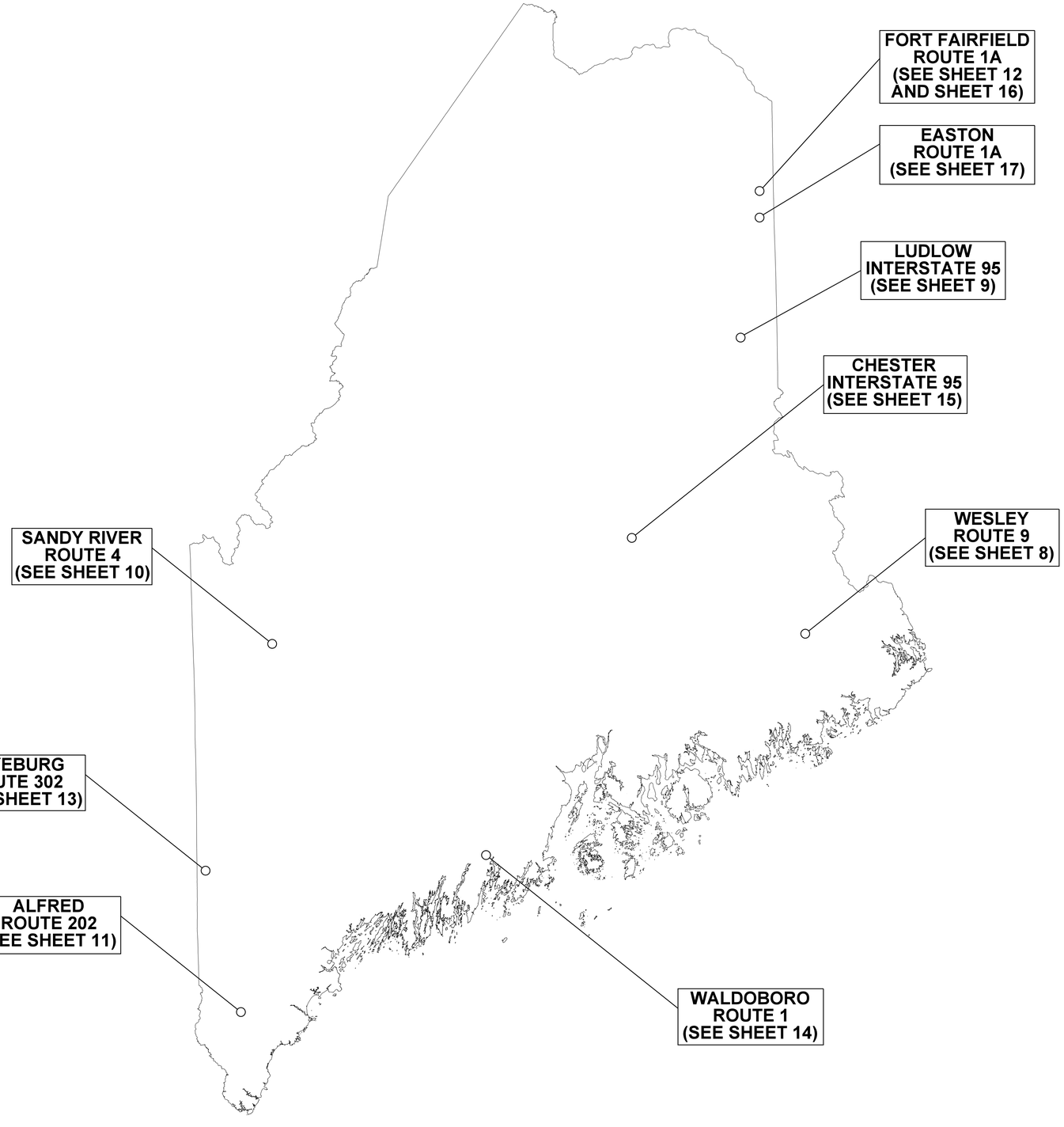
GENERAL NOTES

SHEET NUMBER

2

OF 17

Username: $user$ Date:10/2023
Division: $wkgroup$
Filename: $file$



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN
024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE		
DESIGN-DETAILED	DJS	DJS	10/2023
CHECKED-REVIEWED	DJS	MDS	10/2023
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATEWIDE
RWIS INSTALLATIONS

LOCATION MAPS
(1 OF 3)

SHEET NUMBER

3

OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

Username: $user$ Date:10/2023

Division: $wkgroup$

Filename: $file$

WESLEY

LUDLOW

SANDY RIVER

ALFRED

PLAN

2000 0 2000 4000

Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE	
DESIGN-DETAILED	DJS	10/2023
CHECKED-REVIEWED	DJS	10/2023
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

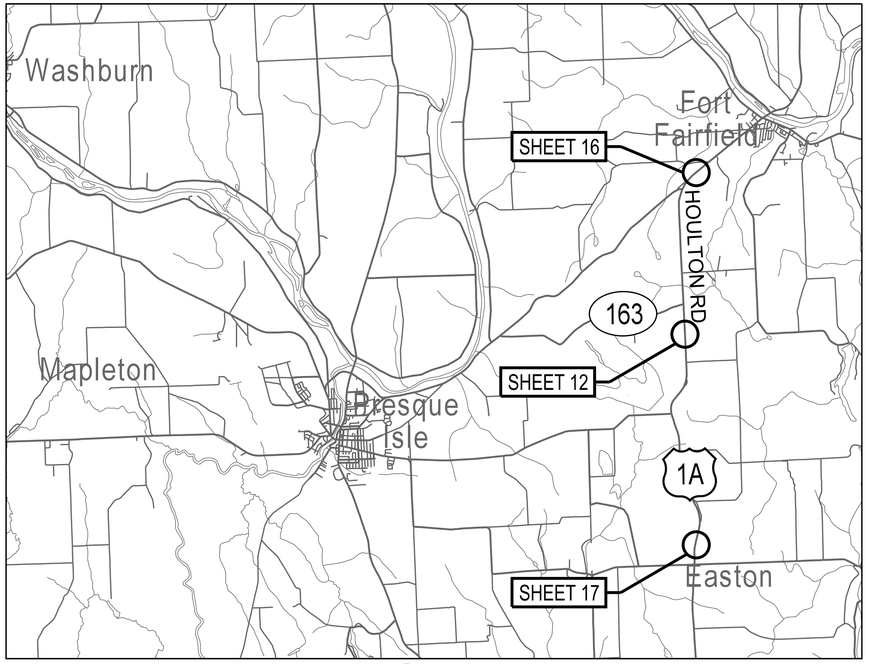
STATEWIDE
RWIS INSTALLATIONS
LOCATION MAPS (2 OF 3)

SHEET NUMBER

4

OF 17

FORT FAIRFIELD/EASTON

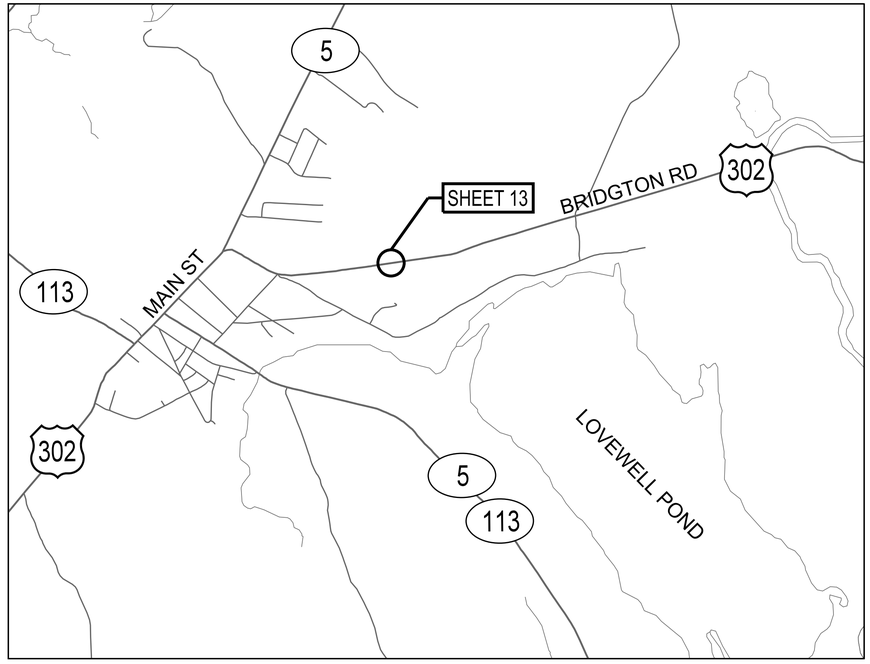


PLAN

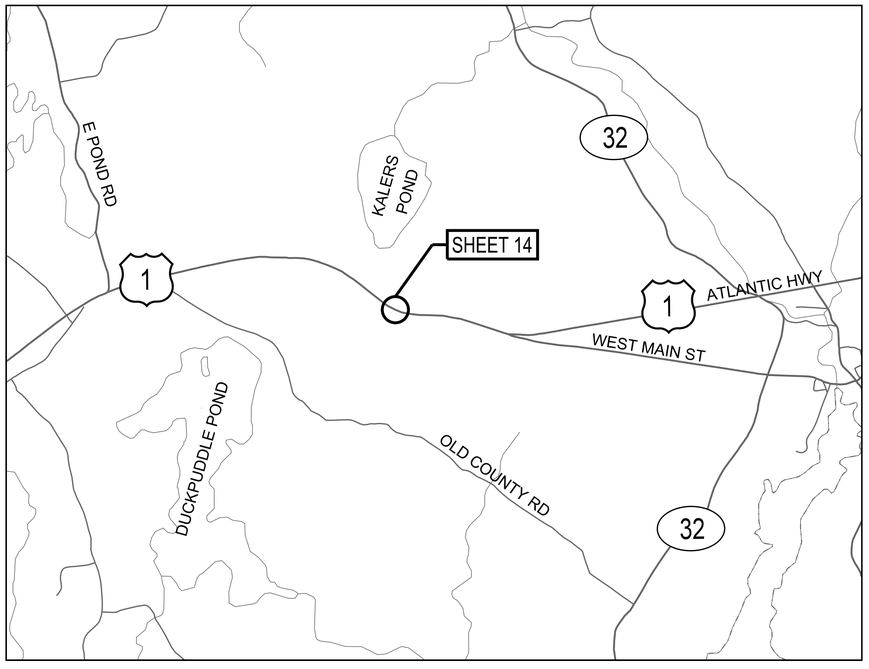
8000 0 8000 16000

Scale of Feet

FRYEBURG



WALDOBORO

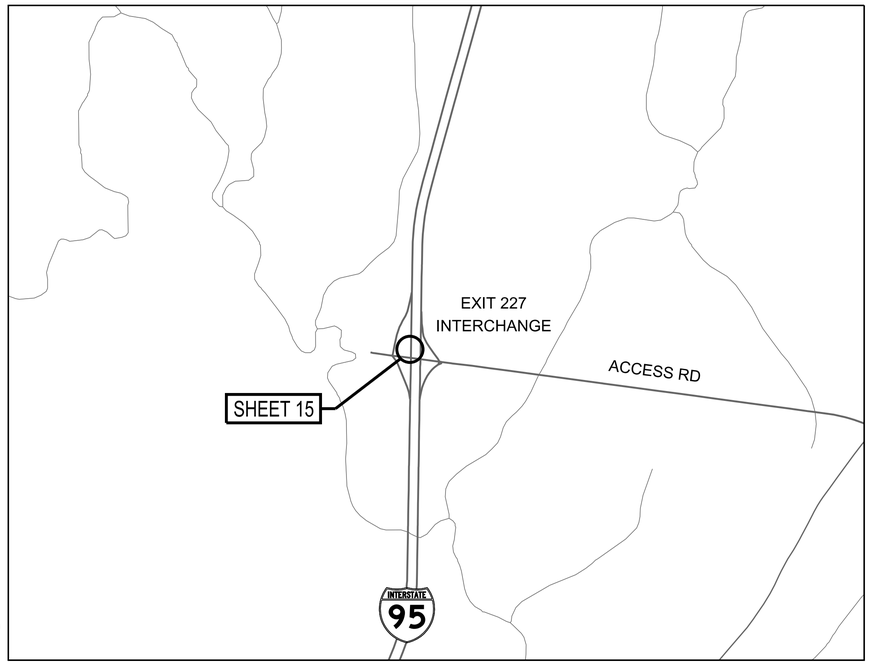


PLAN

2000 0 2000 4000

Scale of Feet

CHESTER



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN
024185.00

ITS PLANS

vhb

	J. DOSTIE	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	DJS	DJS	10/2023
CHECKED-REVIEWED	DJS	MDS	10/2023
DESIGN2-DETAILED2	DJS		
DESIGN3-DETAILED3			
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

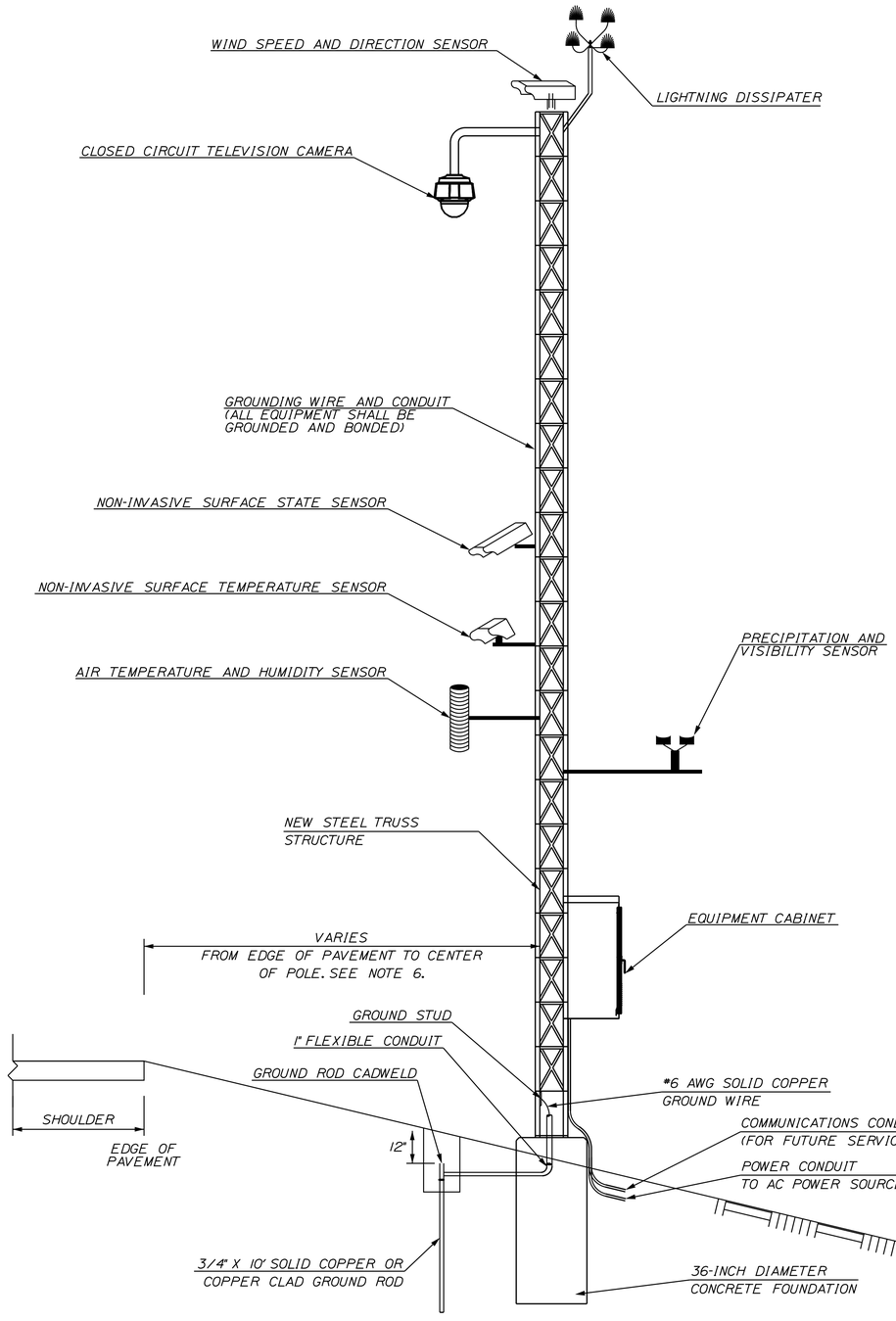
STATEWIDE
RWIS INSTALLATIONS
LOCATION MAPS
(3 OF 3)

SHEET NUMBER

5

OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

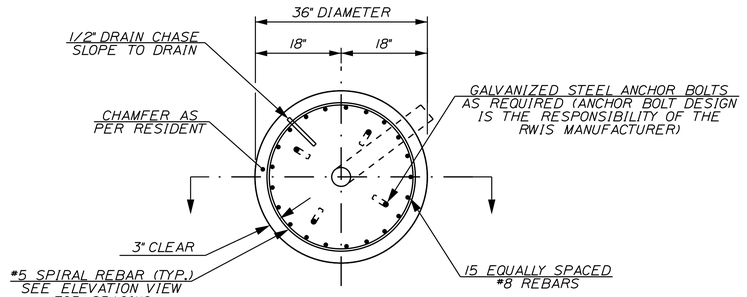


ROAD WEATHER INFORMATION STATION STEEL TRUSS STRUCTURE DETAIL

NOT TO SCALE

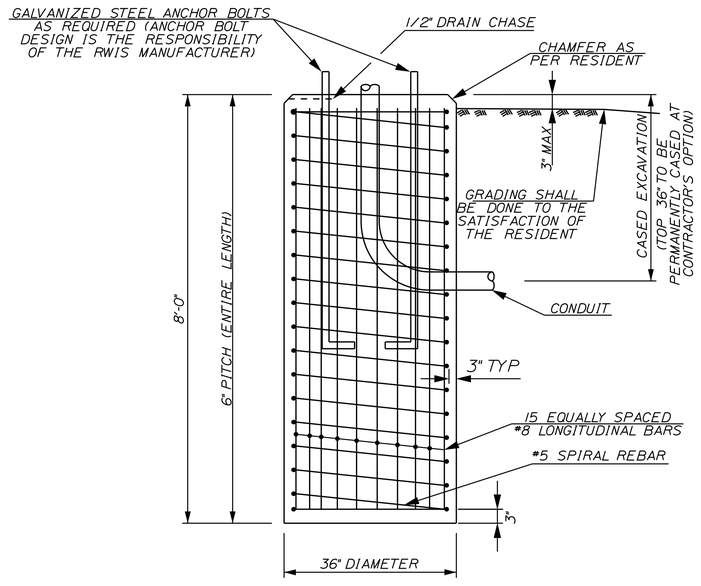
NOTES:

1. HEIGHT OF EQUIPMENT PER MANUFACTURER'S STANDARDS AND RECOMMENDATION.
2. BAROMETER LOCATED IN EQUIPMENT CABINET.
3. NON-INVASIVE SURFACE STATE SENSOR AND NON-INVASIVE SURFACE TEMPERATURE SENSOR MAY BE ONE UNIT OR TWO SEPARATE UNITS.
4. PRECIPITATION SENSOR AND VISIBILITY SENSOR MAY BE ONE UNIT OR TWO SEPARATE UNITS.
5. SUBSURFACE TEMPERATURE PROBES SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
6. SEE INDIVIDUAL RWIS PLAN SHEETS FOR MORE DETAILS ON OFFSET FROM EDGE OF PAVEMENT.



DRILLED SHAFT PLAN VIEW

NOT TO SCALE



DRILLED SHAFT FOUNDATION ELEVATION VIEW

NOT TO SCALE

NOTES:

1. ALL REINFORCING STEEL IS TO BE GRADE 60 AND CONFORM TO MAINEDOT STANDARD SPECIFICATION REQUIREMENTS ALONG WITH ANY PROJECT SPECIFIC SUPPLEMENTALS OR SPECIAL PROVISIONS.
2. ALL REBAR SHALL HAVE 3" COVER UNLESS OTHERWISE NOTED.
3. SHOULD THERE BE A DISCREPANCY BETWEEN THESE DETAILS AND ACTUAL OBSERVED FIELD CONDITIONS REPORT IT TO THE RESIDENT IMMEDIATELY.
4. DO NOT PROCEED WITH DEPENDENT WORK UNTIL ANY SUCH DISCREPANCY IS RESOLVED TO THE SATISFACTION OF THE RESIDENT.
5. CONCRETE TO BE CLASS LP WITH F'C = 5,000 PSI.
6. MAXIMUM RWIS STRUCTURE HEIGHT IS 30 FEET FROM TOP OF FOUNDATION.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN
024185.00

ITS PLANS

vhb

	J. DOSTIE	BY	DATE
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PROJ. MANAGER

STATEWIDE
RWIS INSTALLATIONS

DETAILS

SHEET NUMBER

6

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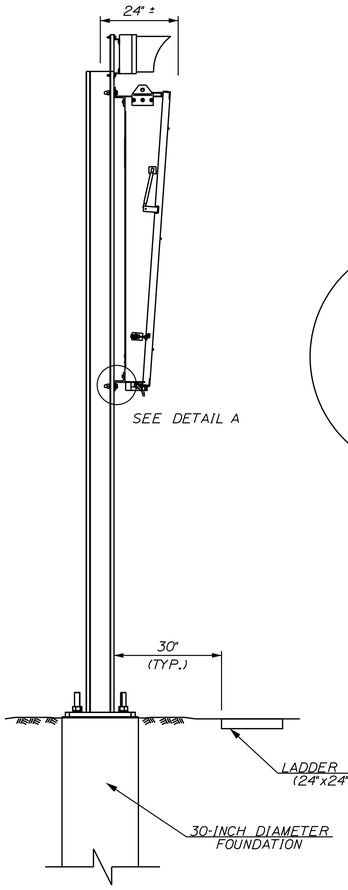
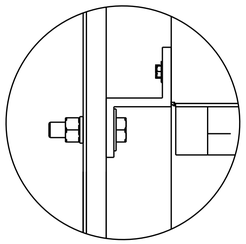
Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023





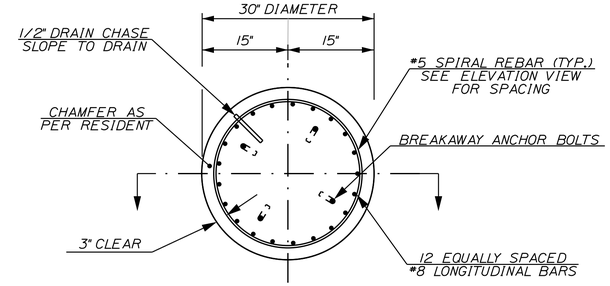
DETAIL A

NOT TO SCALE

GROUND MOUNTED BLANK OUT SIGN (BOS) WITH FLASHING BEACONS

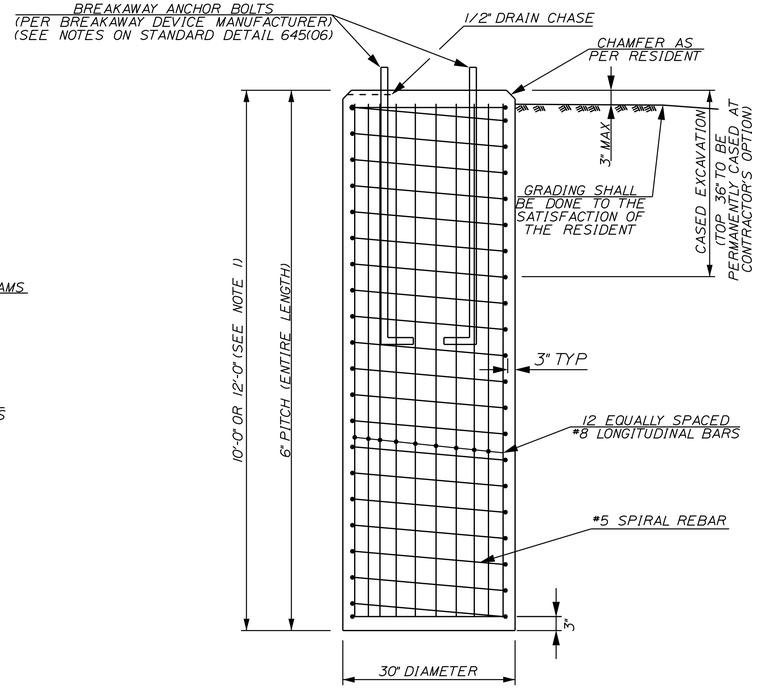
NOT TO SCALE

ALL DIMENSIONS ARE APPROXIMATE
CONTRACTOR SHALL VERIFY



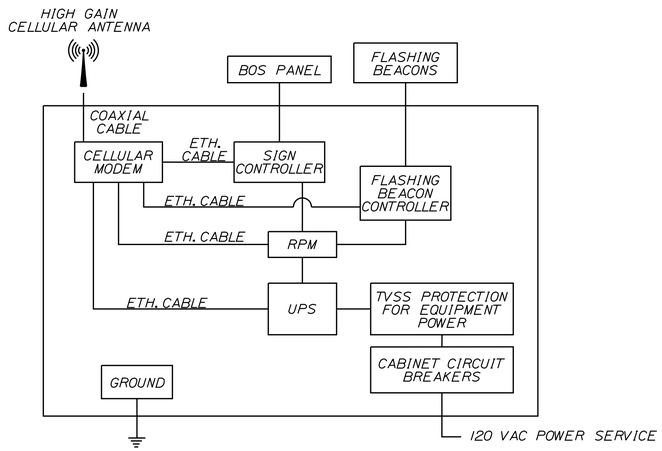
DRILLED SHAFT PLAN VIEW

NOT TO SCALE



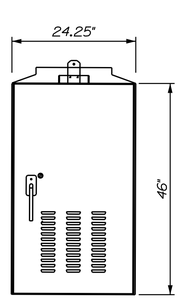
DRILLED SHAFT FOUNDATION ELEVATION VIEW

NOT TO SCALE

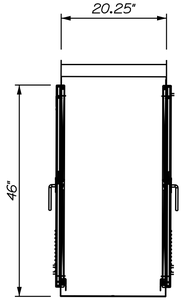


CELLULAR BOS

NOT TO SCALE



FRONT & REAR VIEWS



SECTION

POLE MOUNTED ITS EQUIPMENT CABINET DETAIL

NOT TO SCALE

NOTES:

1. DRILLED SHAFT LENGITH SHALL BE:
   A. 10'-0" FOR COHESIONLESS SOILS (SANDS)
   B. 12'-0" FOR COHESIVE SOILS (CLAYS)
2. ALL REINFORCING STEEL IS TO BE GRADE 60 AND CONFORM TO MAINEDOT STANDARD SPECIFICATION REQUIREMENTS ALONG WITH ANY PROJECT SPECIFIC SUPPLEMENTALS OR SPECIAL PROVISIONS.
3. ALL REBAR SHALL HAVE 3" COVER UNLESS OTHERWISE NOTED.
4. SHOULD THERE BE A DISCREPANCY BETWEEN THESE DETAILS AND ACTUAL OBSERVED FIELD CONDITIONS REPORT IT TO THE RESIDENT IMMEDIATELY.
5. DO NOT PROCEED WITH DEPENDENT WORK UNTIL ANY SUCH DISCREPANCY IS RESOLVED TO THE SATISFACTION OF THE RESIDENT.
6. CONCRETE TO BE CLASS LP WITH F'C = 5,000 PSI.
7. MAXIMUM DMS STRUCTURE HEIGHT IS 20 FEET FROM TOP OF FOUNDATION TO CENTER OF DMS.
8. CONTRACTOR SHALL PROVIDE A STABLE FLAT WORK SURFACE AT THE GROUND ADJACENT TO EACH CABINET DOOR.
9. CABINET DOORS SHALL BE ORIENTED AS SHOWN ON THE PLANS.
10. CABINET SHALL BE SECURED TO ITS MOUNTING POLE USING A MINIMUM OF TWO (2) STAINLESS STEEL BANDS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN
024185.00

ITS PLANS

vhb

	BY	DATE
PROJ. MANAGER	J. DOSTIE	
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DESIGN3-DETAILED3		
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STATEWIDE
RWIS INSTALLATIONS

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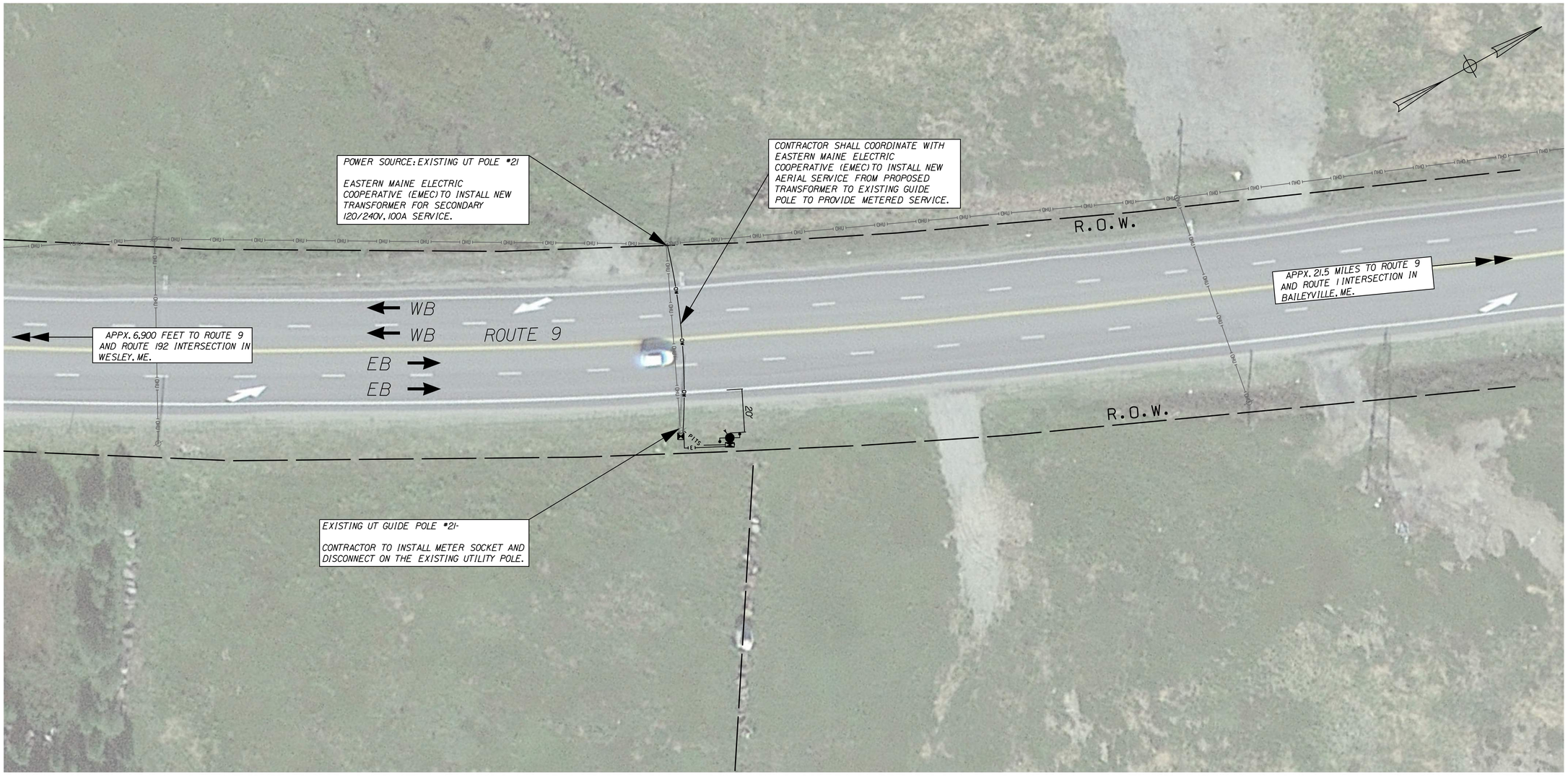

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	20 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	20 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: WESLEY	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: WESLEY	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
3. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT NH-4874(01) SHEET 9 - OCTOBER 1997

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

	J. DOSTIE	BY	DATE
PROJ. MANAGER			
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CHECKED-REVIEWED	DJS	MDS	10/2023
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DESIGN3-DETAILED3			
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
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STATEWIDE
RWIS INSTALLATIONS
RWIS 1- WESLEY SITE PLAN

SHEET NUMBER

8

OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.11	PRECAST CONCRETE JUNCTION BOX	3 EA
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	225 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: LUDLOW	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: LUDLOW	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM MAINE FEDERAL PROJECT NO 1-95-9(8)&(9) & 1-95-9(60) - MARCH 1976
ALL PROPOSED WORK OCCURS WITHIN THE I-95 CORRIDOR RIGHT-OF-WAY.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE	
DESIGN-DETAILED	DJS	DJS 10/2023
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DESIGN3-DETAILED3		
REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
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STATEWIDE
RWIS INSTALLATIONS
RWIS 2- LUDLOW
SITE PLAN

SHEET NUMBER

9

OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.11	PRECAST CONCRETE JUNCTION BOX	4 EA
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	225 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	225 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: SANDY RIVER	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: SANDY RIVER	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
3. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL AID NO F-032-2(2) SHEET 5 - MAY 1953

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

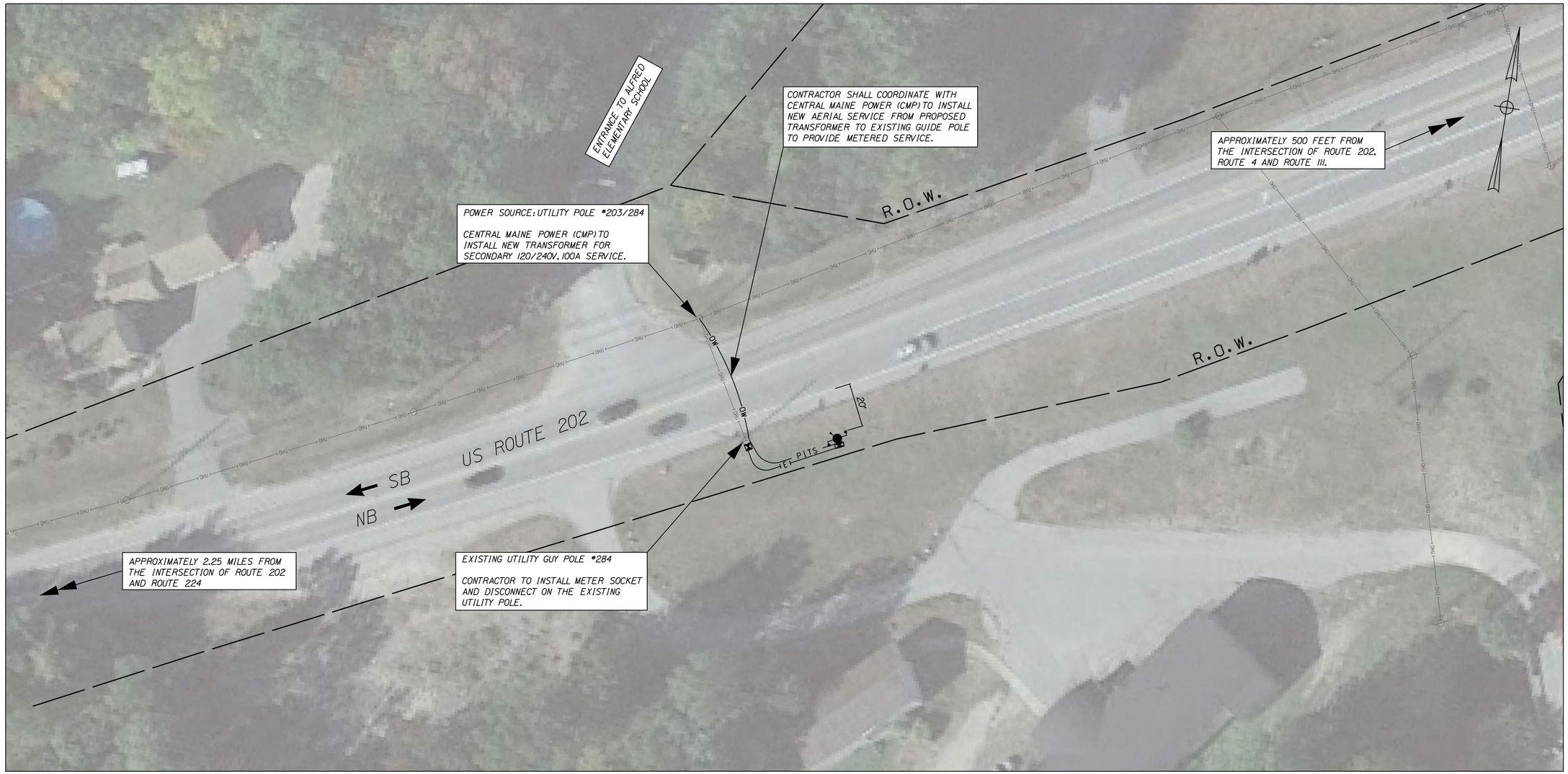
	BY	DATE
PROJ. MANAGER	J. DOSTIE	
DESIGN-DETAILED	DJS	10/2023
CHECKED-REVIEWED	DJS	10/2023
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STATEWIDE
RWIS INSTALLATIONS

RWIS 3- SANDY RIVER
SITE PLAN

SHEET NUMBER
10
OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023



LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	40 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	40 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: ALFRED	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: ALFRED	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
3. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT NO. STP-1122(500)X SHEET 54 - JANUARY, 2006

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE		
DESIGN-DETAILED	DJS	BY	DATE
CHECKED-REVIEWED	DJS	DJS	10/2023
DESIGN2-DETAILED2		MDS	10/2023
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATEWIDE
RWIS INSTALLATIONS
RWIS 4- ALFRED
SITE PLAN

SHEET NUMBER

11

OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	25 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	25 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: FORT FAIRFIELD	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: FORT FAIRFIELD	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
3. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL AID F-0-51-1(5) - JANUARY 1957

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE	BY	DATE
DESIGN-DETAILED	DJS	DJS	10/2023
CHECKED-REVIEWED	DJS	MDS	10/2023
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

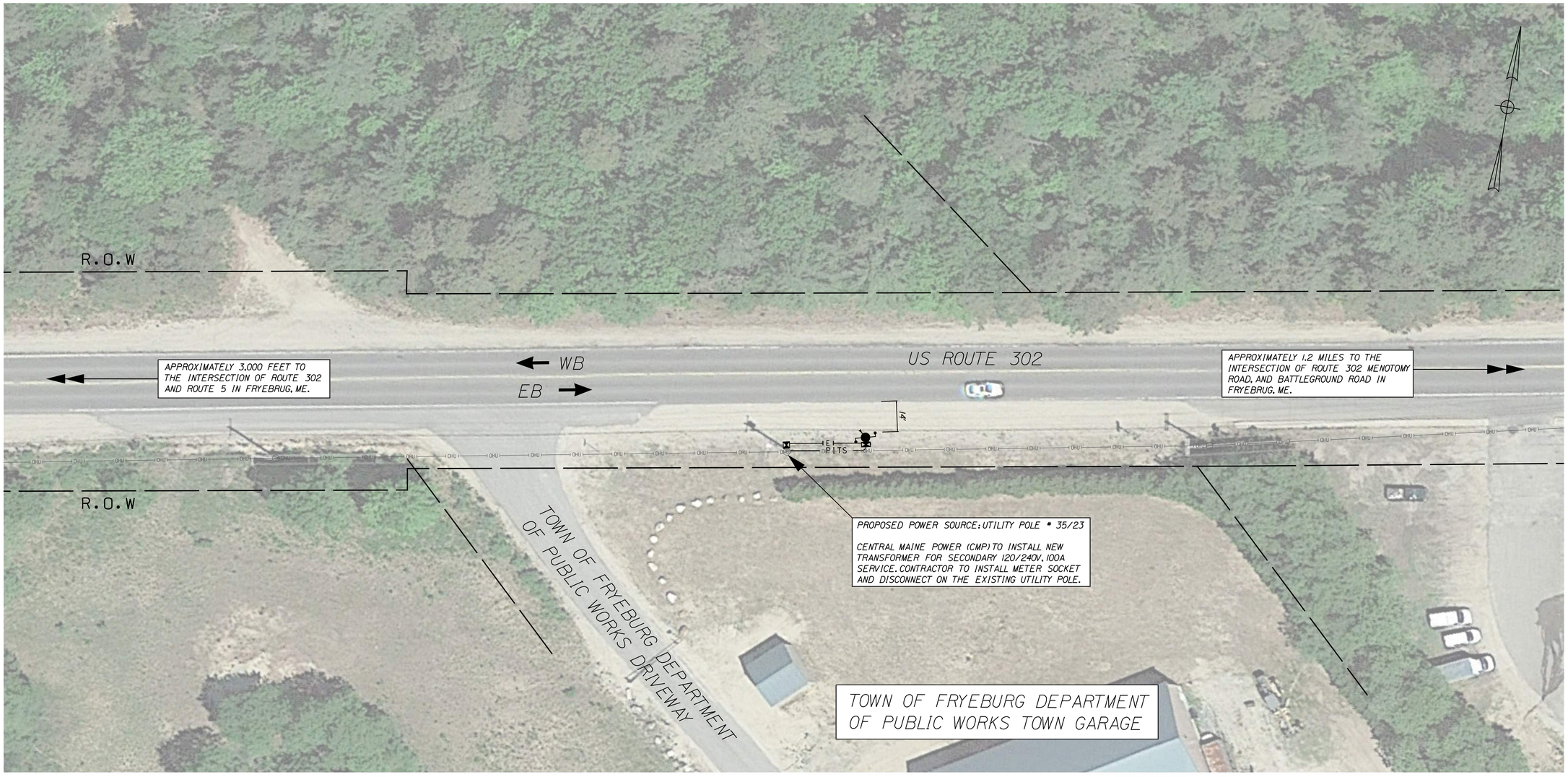
STATEWIDE
RWIS INSTALLATIONS
RWIS 5- FORT FAIRFIELD
SITE PLAN

SHEET NUMBER

12

OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023



LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	35 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	35 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: FRYEBURG	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: FRYEBURG	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
3. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT NH-1728(000)E, WIN 1728.00, SHEET 48 - DECEMBER 2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN
024185.00

ITS PLANS

vhb

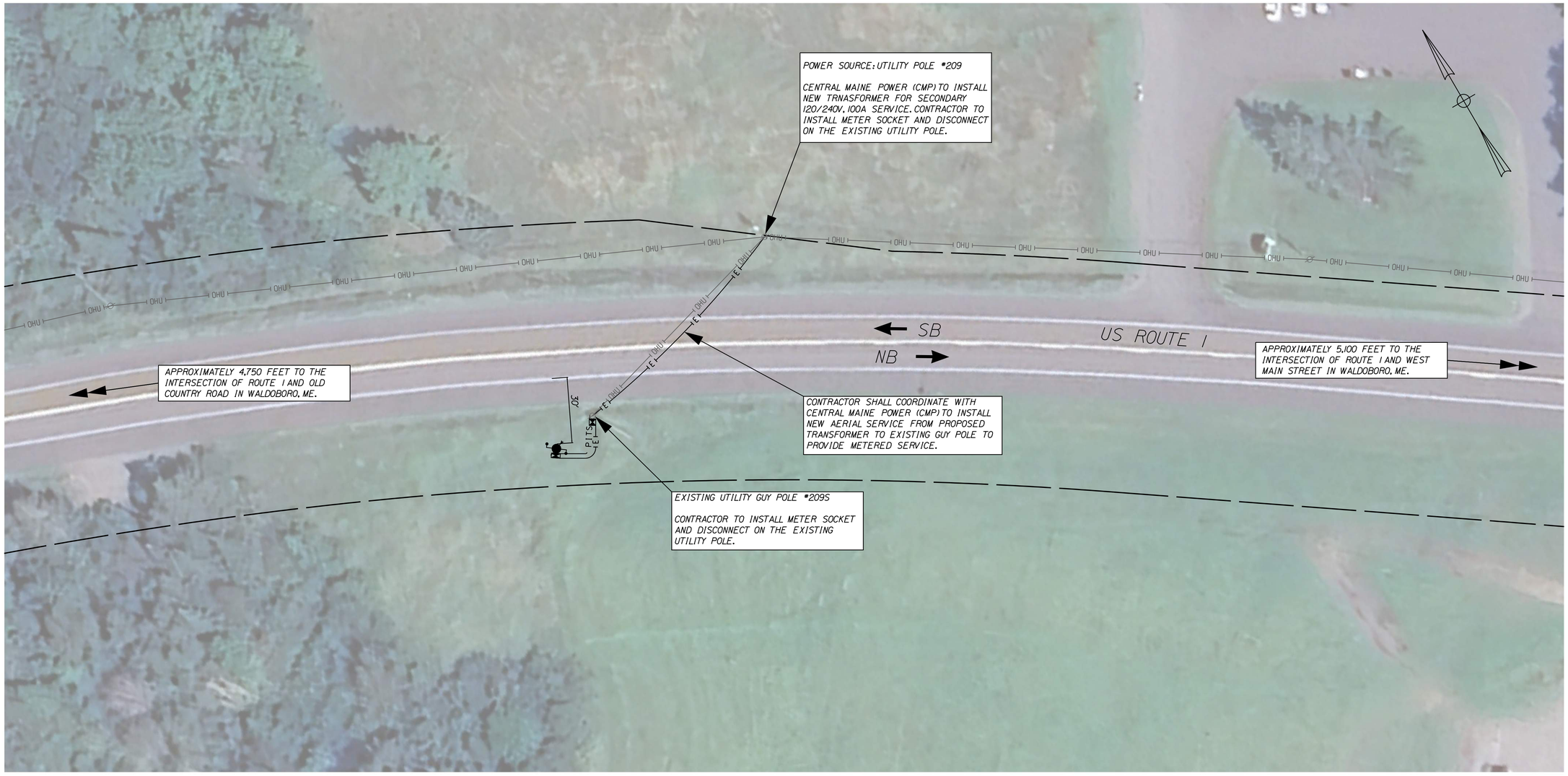
	J. DOSTIE	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	DJS	DJS	10/2023
CHECKED-REVIEWED	DJS	MDS	10/2023
DESIGN2-DETAILED2	DJS		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATEWIDE
RWIS INSTALLATIONS

RWIS 6- FRYEBURG
SITE PLAN

SHEET NUMBER
13
OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023



LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	25 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	25 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: WALDOBORO	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: WALDOBORO	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
3. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT F-FR026-1(47) SHEETS 8 AND 9 - JUNE, 1980

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

	BY	DATE
PROJ. MANAGER	J. DOSTIE	
DESIGN-DETAILED	DJS	10/2023
CHECKED-REVIEWED	DJS	10/2023
DESIGN2-DETAILED2	MDS	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STATEWIDE
RWIS INSTALLATIONS

RWIS 7- WALDOBORO
SITE PLAN

SHEET NUMBER
14
OF 17

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.11	PRECAST CONCRETE JUNCTION BOX	6 EA
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	220 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	220 LF
626.251	NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING) (2-INCH)	50 LF
626.251	NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING) (3-INCH)	50 LF
626.44	36 INCH DIAMETER FOUNDATION	8 LF
654.51	ELECTRICAL SERVICE CONNECTION: CHESTER	1 LS
654.53	ROAD WEATHER INFORMATION SYSTEM: CHESTER	1 LS

NOTES

1. THE CONTRACTOR SHALL INSTALL THE SUBSURFACE PROBE PER THE MANUFACTURER'S RECOMMENDATIONS.
2. INSTALL THE RWIS SUPPORT STRUCTURE AT LEAST 5 FEET BEYOND THE DRAINAGE DITCH.
3. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING UTILITY POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
4. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.
5. THE CONTRACTOR SHALL DIRECTIONAL BORE ONE 2-INCH CONDUIT FOR POWER, AND ONE 3-INCH CONDUIT FOR COMMUNICATIONS UNDER ACCESS ROAD TO PROVIDE POWER AND A SPARE COMMUNICATION CONDUIT TO THE RWIS.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT I-95-8(50) SECTION 3 SHEET 48 SEPTEMBER 1964
ALL PROPOSED WORK OCCURS WITHIN THE I-95 CORRIDOR RIGHT-OF-WAY.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

	J. DOSTIE	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	DJS	DJS	10/2023
CHECKED-REVIEWED	DJS	MDS	10/2023
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATEWIDE
RWIS INSTALLATIONS
RWIS 8- CHESTER
SITE PLAN

SHEET NUMBER
15
OF 17

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:10/2023

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	35 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	35 LF
626.43	30 INCH DIAMETER FOUNDATION	20 LF
643.611	FLASHING BEACON AT: FORT FAIRFIELD	1 EA
645.1552	MINI DYNAMIC MESSAGE SIGN (DMS): FORT FAIRFIELD	1 LS
645.162	BREAKAWAY DEVICE MULTI POLE	1 EA
645.289	STEEL H-BEAMS POLES	806 LB
654.51	ELECTRICAL SERVICE CONNECTION: BOS 1	1 LS

NOTES

1. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
2. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50
1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT F-051-1(4) - JANUARY 1956

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE		
DESIGN-DETAILED	DJS	BY	DATE
CHECKED-REVIEWED	DJS	DJS	10/2023
DESIGN2-DETAILED2		MDS	10/2023
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATEWIDE
RWIS INSTALLATIONS

BOS 1- FORT FAIRFIELD
SITE PLAN

SHEET NUMBER
16
OF 17

Username: $user$ Date:10/2023
Division: $wkgroup$
Filename: $file$

LIST OF MAJOR ITEMS

ITEM NO.	EQUIPMENT AND WORK ITEMS	QUANTITY
626.21	METALLIC CONDUIT (2-INCH)	15 LF
626.21	METALLIC CONDUIT (3-INCH)	15 LF
626.22	NON-METALLIC CONDUIT (2-INCH)	25 LF
626.22	NON-METALLIC CONDUIT (3-INCH)	25 LF
626.43	30 INCH DIAMETER FOUNDATION	20 LF
643.611	FLASHING BEACON AT: EASTON	1 EA
645.1552	MINI DYNAMIC MESSAGE SIGN (DMS): EASTON	1 LS
645.162	BREAKAWAY DEVICE MULTI POLE	1 EA
645.289	STEEL H-BEAMS POLES	806 LB
654.51	ELECTRICAL SERVICE CONNECTION: BOS 2	1 LS

NOTES

1. THE CONTRACTOR SHALL PROVIDE A METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR SECONDARY POWER SERVICE CONNECTION THAT EXTENDS A MINIMUM OF 7' ABOVE GRADE.
2. THE CONTRACTOR SHALL PROVIDE A SECOND METAL CONDUIT RISER ON THE EXISTING GUIDE POLE FOR FUTURE COMMUNICATION CONNECTION.

25 0 25 50

1" = 25'-0"

* - RIGHT-OF-WAY INFORMATION FROM FEDERAL PROJECT F-051-1(3) - APRIL 1954

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NO. 2418500

WIN 024185.00

ITS PLANS

vhb

PROJ. MANAGER	J. DOSTIE		
DESIGN-DETAILED	DJS	BY	DATE
CHECKED-REVIEWED	DJS	DJS	10/2023
DESIGN2-DETAILED2	DJS	MDS	10/2023
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATEWIDE
RWIS INSTALLATIONS

BOS 2- EASTON
SITE PLAN

SHEET NUMBER

17

OF 17

Division: $wkgroup$ Username: $user$ Date:10/2023

Filename: $file$