

MOBILE CAUSEWAY ENGINEERING PROJECT

US 98/90 - MOBILE AND BALDWIN COUNTY, AL

PLANS FOR PROPOSED PROJECT:

FIBER OPTIC INSTALLATION
MM 36.5- MM 43

THOMPSON PROJECT 19-1101-0076
JUNE 4, 2019

JOB INFORMATION

APPROVED: _____
DATE: _____
JOB # AEXXXXXX
UNDERGROUND: EST. - 34,951' / ACT. -
AERIAL: EST. - 0' / ACT. -
TOTAL FIBER: EST. - 34,951' / ACT. -



CONTACT LIST

PROJECT MANAGER: (NEED INFO)
ENGINEER: JASMINE BOWERS - (251) 767-1970
PROJECT CONTACT: (NEED INFO)

VICINITY MAP

==== AERIAL FIBER
==== UNDERGROUND FIBER
- - - - EXISTING

N CHICKASAW, AL.



PROJECT LOCATION



DIRECTORY

	DWG. NAME	DESCRIPTION	AS-BUILT
	LEGEND		
		REFERENCE	
06/04/19	G100	TITLE PAGE	
06/04/19	G101	PROJECT NOTES	
06/04/19	C600	UTILITY PLANS	
06/04/19	C601	UTILITY PLANS	
06/04/19	C602	UTILITY PLANS	
06/04/19	C603	UTILITY PLANS	
06/04/19	C604	UTILITY PLANS	
06/04/19	C605	UTILITY PLANS	
06/04/19	C606	UTILITY PLANS	
06/04/19	C607	UTILITY PLANS	
06/04/19	C608	UTILITY PLANS	
06/04/19	C609	UTILITY PLANS	
06/04/19	C610	UTILITY PLANS	
06/04/19	C611	UTILITY PLANS	
06/04/19	C700-C701	CONSTRUCTION DETAILS	
06/04/19	C710-C714	TRAFFIC CONTROL DETAILS	

CPE LOCATION: <https://na60.salesforce.com/a080c0000190c30>



2970 COTTAGE HILL ROAD
SUITE 190
MOBILE, ALABAMA 36606
TEL: (251) 666-2443
FAX: (251) 666-6422

SUBMITTED BY: _____ DATE: _____
CONSULTING ENGINEER

ISSUED FOR REVIEW

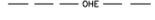
ALDOT PERMIT GENERAL NOTES

1. ALL METERS ARE TO BE INSTALLED OFF OF ALDOT RIGHT-OF-WAY.
2. ALL MANHOLES, VALVE BOXES, AND HAND HOLES SHOULD BE FLUSH WITH EXITING GROUND.
3. CONTACT DISTRICT ADMINISTRATOR 48 HOURS PRIOR TO BEGINNING WORK ON ALDOT RIGHT-OF-WAY. THE DISTRICT ADMINISTRATORS FOR THE REGION ARE AS FOLLOWS:
AREA-9
(91) MOBILE COUNTY - FRANKIE SMITH, (251) 470-8322
(92) BALDWIN COUNTY - KEVIN JONES, (251) 937-2086
(93) ESCAMBIA AND CONECHU COUNTIES - MICKEY T. JONES, (251) 578-7540
4. THE PERMIT APPLICANT OR ENGINEER OF RECORD SHALL WRITE A LETTER REQUESTING TO MEET WITH THE DISTRICT ADMINISTRATOR UPON COMPLETION OF THE PERMITTED WORK TO EVALUATE THE PUNCH LIST FOR COMPLETION OF PROJECT.
5. IF APPLICABLE, THE BOND ASSOCIATED WITH THE PERMIT WILL BE GOOD FOR ONE FULL YEAR AFTER THE WORK HAS BEEN INSPECTED AND ACCEPTED BY THE DEPARTMENT.
6. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION. (IF PROJECT NECESSITATES LANE CLOSURE, LANE CLOSURE MUST BE MADE PART OF THE PERMIT.)
7. ONSITE REPRESENTATIVE AND CONTACT INFORMATION:
BRANDON WHIGHAM
EMAIL: BRANDON.WHIGHAM@UNITI.COM
PHONE: 251 709 7749
8. ONSITE REPRESENTATIVES WILL HAVE ON HAND, AT ALL TIMES:
(1) APPROVED PERMIT AND PLANS STAMPED BY THE REGION ENGINEER
(2) TRAFFIC CONTROL PLANS
(3) EROSION CONTROL PLANS
9. ALL DISTURBED AREAS WILL BE RESODDED OR RESEEDDED AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT ADMINISTRATOR.
10. ALL WORK ON THE ROW WILL BE IN CONFORMANCE WITH THE LATEST EDITION OF ALDOT STANDARD SPECIFICATIONS.
11. ELECTRIC POWER AND COMMUNICATION FACILITIES WILL CONFORM WITH THE CURRENT APPLICABLE NATIONAL ELECTRICAL SAFETY CODE.
12. A BEST MANAGEMENT PLAN SHALL AT MINIMUM RETURN ALL EXPOSED AREAS TO ORIGINAL OR BETTER CONDITION WITH A GOOD STAND OF GRASS AND/OR SOD. SILT FENCE AND ANY OTHER EROSION CONTROL ITEMS NEEDED SHALL BE USED TO PREVENT EROSION. (NO HAYBALES ARE ALLOWED IN R/W)
13. ALL TREES OVER 4" DBH SHALL NOT BE CUT/REMOVED WITHOUT WRITTEN PERMISSION FROM ALDOT.
14. ABSOLUTELY NO BORE PITS SHALL BE ALLOWED TO BE UNFILLED AND/OR UNCOVERED OVERNIGHT UNLESS PROTECTED. (BORE PITS HAVE A MAXIMUM OF 72 HOURS TO BE OPEN BEFORE FILLED)
15. UPON COMPLETION & ANY TIME THEREAFTER, ALDOT RETAINS THE RIGHT TO REQUEST AN AS-BUILT PLAN OF ANY PERMITTED WORK IN SAID DEPARTMENT'S RIGHT-OF-WAY (ROW).
16. **WARNING:** DO NOT DISTURB SURVEY MARKERS LOCATED ON ALDOT RIGHT-OF-WAY. ANY PROPERTY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY AN ALABAMA LICENSED PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE.
17. THE AMOUNT OF AREA TO BE DISTURBED DURING CONSTRUCTION OF THIS PERMIT IS ??? ACRE(S). (ON & OFF ROW COMBINED)
18. WATER LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE STANDARDS OF THE AMERICAN WATER WORKS ASSOCIATION.
19. PRESSURE PIPE LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE SECTIONS OF AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
20. AS REQUIRED BY ALABAMA ACT 94-487: CALL TWO WORKING DAYS BEFORE EXCAVATION 1-800-292-8525, ALABAMA LINE LOCATION CENTER, INC.
21. ALL EXISTING UTILITY FACILITIES IN THE PROPOSED WORK AREA SHALL BE PHYSICALLY LOCATED BOTH HORIZONTALLY AND VERTICALLY.
A. THE UTILITY FACILITIES IN THE AREA OF WORK ARE REPRESENTED TO THE BEST OF MY KNOWLEDGE, ACCORDING TO LOCATES PROVIDED BY 811 AND INDIVIDUAL DUE DILIGENCE. ENGINEER INITIALS FEL
B. 811 LOCATE REQUEST #
22. ANY ORNAMENTAL VEGETATIVE LANDSCAPING (SHRUBS, FLOWER, ORNAMENTAL GRASS, ETC.) DISTURBED DURING CONSTRUCTION SHALL BE REPLACED, TRANSPLANTED OR SODDED BY THE APPLICANT AS DIRECTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION DISTRICT ADMINISTRATOR.
23. ALL FILL MATERIAL OR ONSITE DEBRIS DEPOSITED IN THE RIGHT-OF-WAY SHALL BE REMOVED PRIOR TO ISSUANCE OF FINAL ACCEPTANCE TO BEGIN THE ONE YEAR MAINTENANCE PERIOD OF THE PERMIT CONTRACT.
24. THE APPLICANT SHALL BE RESPONSIBLE FOR ANY SOLID WASTE (I.E., WOOD, STUMPS, ETC.) TO BE DISPOSED OF AND MUST BE IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM).
25. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS HISTORICAL STRUCTURES, TREES, DRAINS, WATER OR GAS PIPES, POLES, WALL, ETC., ARE NOT TO BE DISTURBED UNLESS NOTED AND APPROVED BY SHPO, ALDOT, ADEM, EPA, ETC.
26. THE APPLICANT IS RESPONSIBLE TO SEE THAT STREETS ARE CLEANED IMMEDIATELY AFTER CONCRETE OR OTHER DELIVERY TRUCKS LEAVE THE SITE. MUD AND DEBRIS ARE TO BE KEPT OFF STREETS, AND OUT OF INLETS, DITCHES, ETC.
27. FUEL TANKS SHALL NOT BE STORED ON THE RIGHT-OF-WAY OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICAL, FERTILIZERS, ETC. ONTO RIGHT-OF-WAY SHALL NOT BE LEFT UNATTENDED.
28. THE APPLICANT OR ENGINEER OF RECORD SHALL PROMPTLY NOTIFY ALDOT OF ANY PERCEIVED CONFLICTS, AMBIGUOUS ITEMS OR DEFICIENCIES IN THE PLANS, SPECIFICATIONS, GENERAL NOTES OR RELATED CONTRACT DOCUMENTS.
29. FOR WORK WITHIN INTERSTATE ROW, ALL INGRESS AND EGRESS TO WORKSITE SHALL BE FROM APPLICANT'S PROPERTY. NO ACCESS SHALL BE GAINED FROM THE INTERSTATE ROW. EQUIPMENT AND MATERIALS SHALL NOT BE STORED ON INTERSTATE ROW.
30. MILEPOST(S) TO SPEED LIMIT 55 STOPPING SITE DISTANCE
31. IS DRAINAGE/RUNOFF FROM THE SITE DIRECTED ONTO STATE ROW? (CIRCLE) YES OR NO ENGINEER INITIALS FEL
32. ARE UTILITY CONFLICTS PRESENT OR IS UTILITY RELOCATION REQUIRED FOR THIS PROJECT TO MEET SPECIFICATIONS? CIRCLE YES OR NO ENGINEER INITIALS FEL
33. SHALL MINIMUM COVER OVER UTILITIES BE MAINTAINED UPON COMPLETION OF WORK? CIRCLE YES OR NO ENGINEER INITIALS FEL
34. THE LEGAL PERMIT APPLICANT IS HELD RESPONSIBLE AND LIABLE FOR ALL DAMAGES, ACTIONS, OR RESPONSIBILITIES OF THEIR APPOINTED CONTRACTORS AND APPOINTEES.

PROJECT NOTES

1. THE EXACT LOCATION OF EXISTING STRUCTURES, UTILITIES AND PIPING SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT PURPORT TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE EXPLORATIONS AND EXCAVATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES AND PIPES WHENEVER NECESSARY. THE OWNER RESERVES THE RIGHT TO CHANGE LOCATIONS OF THE FIBER OPTIC LINE TO AVOID CONFLICT WITH EXISTING STRUCTURES, UTILITIES OR PIPING. ANY SIGNIFICANT CHANGES SHALL BE APPROVED BY THE OWNER OR HIS REPRESENTATIVES PRIOR TO PLACEMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS EQUIPMENT TO EXISTING UTILITIES, CROSS-DRAIN PIPES AND HEADWALLS.
3. ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET PROPERTY MARKERS.
4. OMIT
5. CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION TO PROTECT EXISTING UTILITIES DURING CONSTRUCTION OPERATIONS. ALL EXCAVATION, SHORING, AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. OMIT
7. ALL EXCESS MATERIAL FROM EXCAVATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOWS THROUGH EXISTING PIPING AND STRUCTURES AND DIVERSION OF FLOWS AS NECESSARY DURING CONSTRUCTION UNDER THIS CONTRACT. THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST TO THE OWNER ALL NECESSARY LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS AS REQUIRED TO ACCOMPLISH THE INTENT OF WORK SHOWN ON THE DRAWINGS AND SPECIFIED.
9. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT SOIL FROM WASHING INTO ALL BAYS, RIVERS, CREEKS, BRANCHES, STREAMS, STORM DRAINS OR ON PRIVATE PROPERTY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DIVERSION OF STORMWATER RUN-OFF ONTO PRIVATE PROPERTY BY USE OF TEMPORARY EROSION CONTROL MEASURES, SUCH AS SILT FENCES AND HAYBALES. THE CONTRACTOR SHALL NOT DEPOSIT ANY MATERIAL ON PRIVATE PROPERTY ADJACENT TO THE PROJECT. THE CONTRACTOR SHALL INSURE ADHERENCE TO BEST MANAGEMENT PRACTICES FOR NON-POINT SOURCE RUN-OFF CONTROL, MOBILE AND BALDWIN COUNTIES.
10. OMIT
11. THE CONTRACTOR SHALL PROVIDE, IF NEEDED, A DEWATERING SYSTEM. NO EXTRA PAYMENT WILL BE MADE FOR DEWATERING.
12. OMIT
13. OMIT
14. THE CONTRACTOR MUST SUBMIT A BALANCED BID PRICE FOR EACH ITEM OF WORK. COST OF ALL WORK ASSOCIATED WITH A PARTICULAR ITEM MUST BE INCLUDED IN THAT ITEM'S BID PRICE. ANY OBVIOUSLY UNBALANCED BIDS WILL BE REJECTED.
15. A PROPERTY RESTORATION CREW, EMPLOYED BY THE CONTRACTOR, SHALL PROCEED IMMEDIATELY BEHIND THE PIPE LAYING CREW TO RESTORE PRIVATE PROPERTY TO A PRECONSTRUCTION CONDITION. NO EXTRA PAY FOR THIS ITEM.
16. THE CONTRACTOR SHALL CONTACT ALABAMA ONE-CALL PRIOR TO ANY UNDERGROUND UTILITY WORK, TO VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES. IN THE EVENT A CONFLICT EXISTS THE ENGINEER WILL MAKE THE NECESSARY ADJUSTMENTS IN ALIGNMENT.
17. OMIT
18. ALL WORK WITHIN A CITY, COUNTY OR STATE RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE OF ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
19. THE CONTRACTOR SHALL MAINTAIN TRAFFIC FLOW AT ALL TIMES DURING CONSTRUCTION. A MINIMUM OF ONE (1) LANE SHALL REMAIN OPEN AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL HOMES DURING CONSTRUCTION. NO OPEN EXCAVATIONS SHALL BE LEFT UNATTENDED WITHIN ANY STREET, ROAD OR HIGHWAY RIGHT-OF-WAY. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION).

LEGEND:

	PROPOSED HANDHOLE		EXIST. RIGHT-OF-WAY LINE
	PROPOSED FLOW DIRECTION		EXIST. SANITARY SEWER LINE
	PROPOSED FIBER OPTIC CABLE		EXIST. SANITARY SEWER FORCE MAIN
	EXIST. SEWER MANHOLE		EXIST. OVERHEAD ELECTRICAL LINE
	EXIST. WATER METER		EXIST. WATER LINE
	EXIST. FIREHYDRANT		EXIST. GAS LINE
	EXIST. POWER POLE		EXIST. FENCE
	EXIST. VALVES		EXIST. TELEPHONE CABLE
			EXIST. FIBER OPTIC CABLE
			EXIST. HANDHOLE

POSTED SPEED LIMITS



US HWY 98 (BATTLESHIP PKWY)

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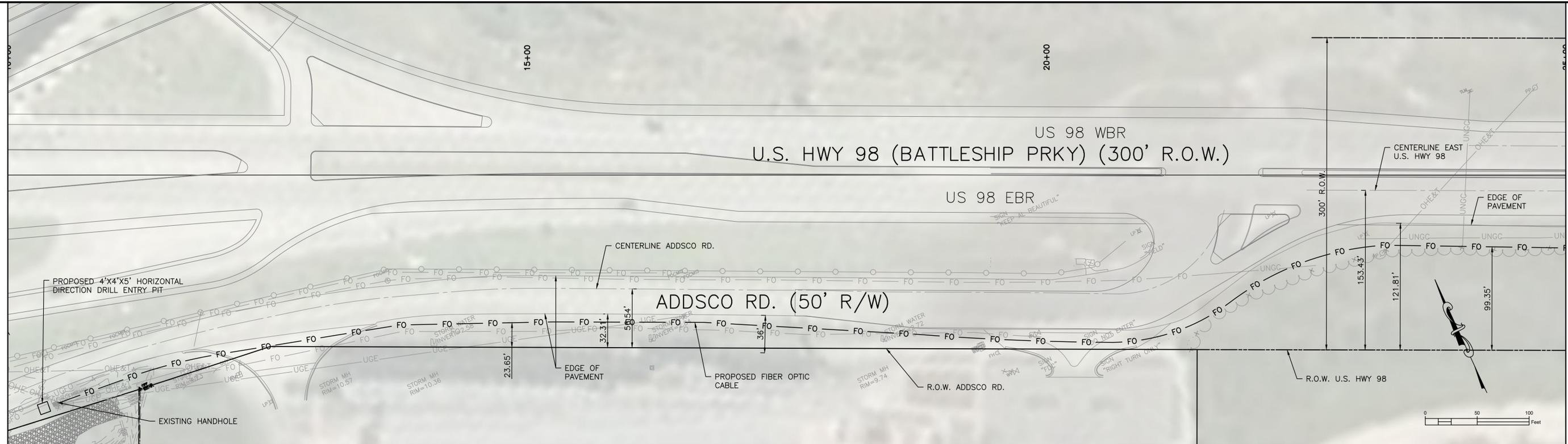
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MOBILE, ALABAMA 36606

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FAX: (251) 666-6422

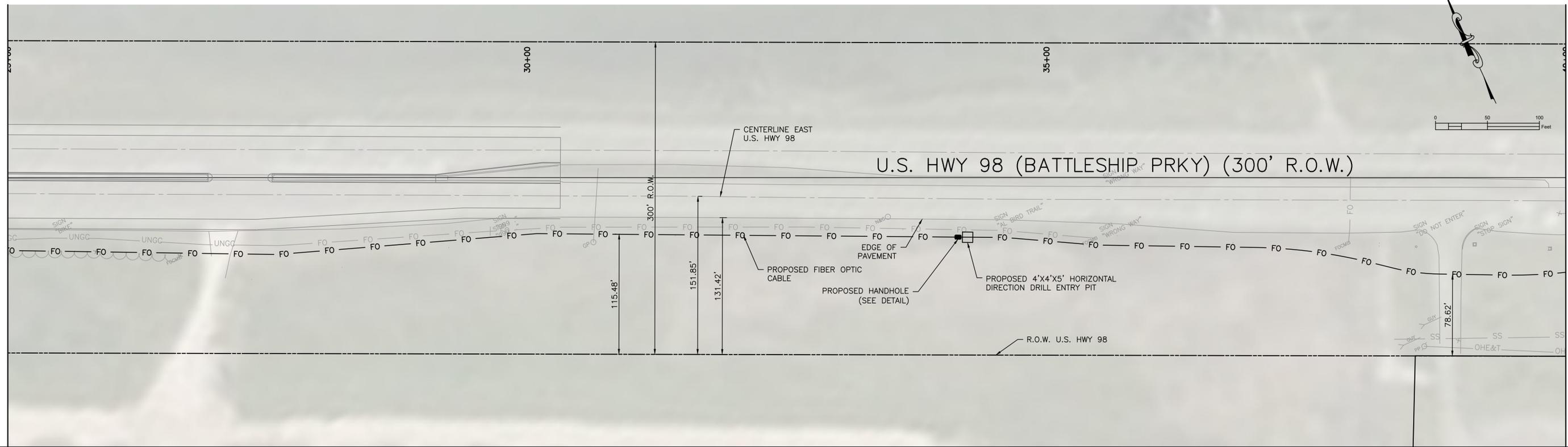
MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

ALDOT REQUIREMENTS AND
PROJECT NOTES

SCALE: NOTED	PLOT SCALE: 1:1	DRAWN BY: SJE	CHECKED BY: FEL	APPROVED BY: MS	DATE: JUNE 4, 2019	JOB NO.: 19-1101-0076	DRAWING NO.: C101	REVISION NO.:
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MATCHLINE STA. 25+00 (THIS SHEET)



MATCHLINE STA. 25+00 (THIS SHEET)

MATCHLINE STA. 40+00 (SEE SH. C601)

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UNITI FIBER
MOBILE, ALABAMA

thompson
ENGINEERING

2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606

TEL: (251) 666-2443
FAX: (251) 666-6422

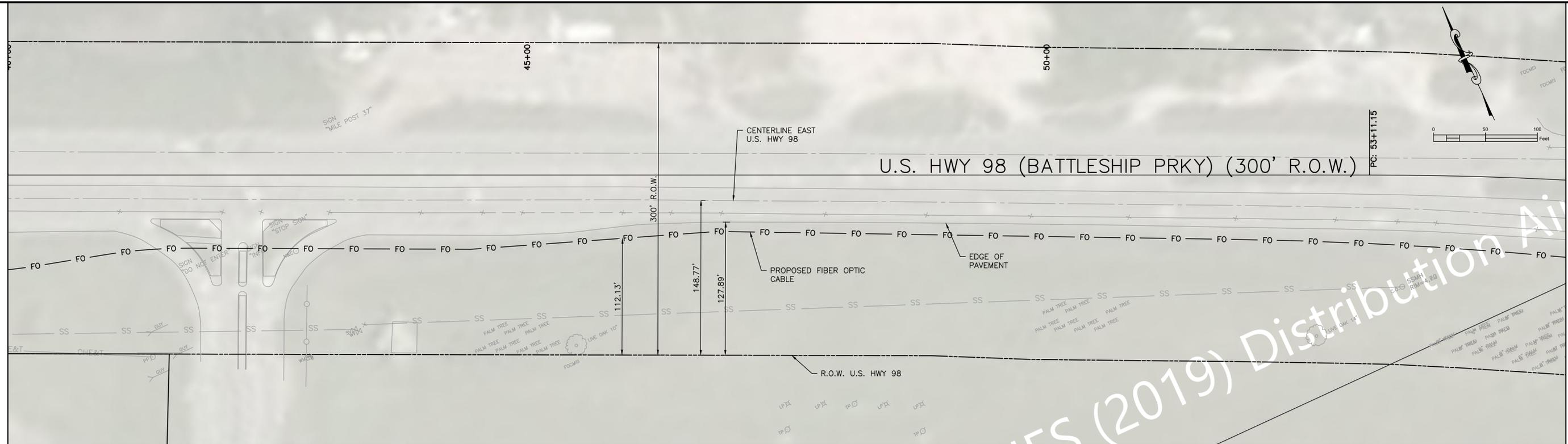
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

UTILITY PLAN SHEET

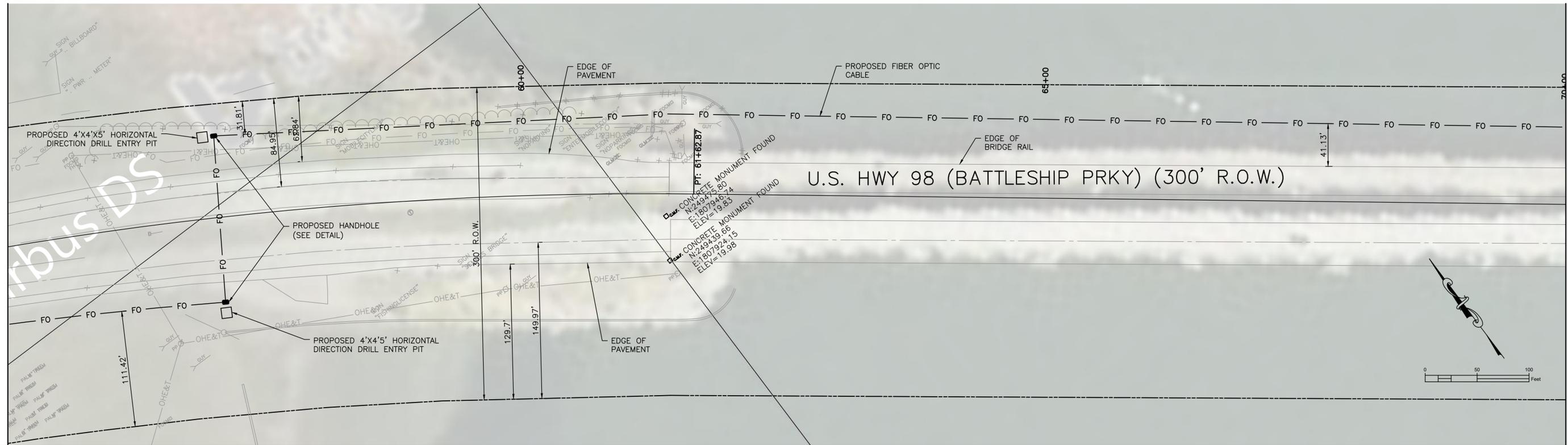
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MATCHLINE STA. 55+00 (THIS SHEET)

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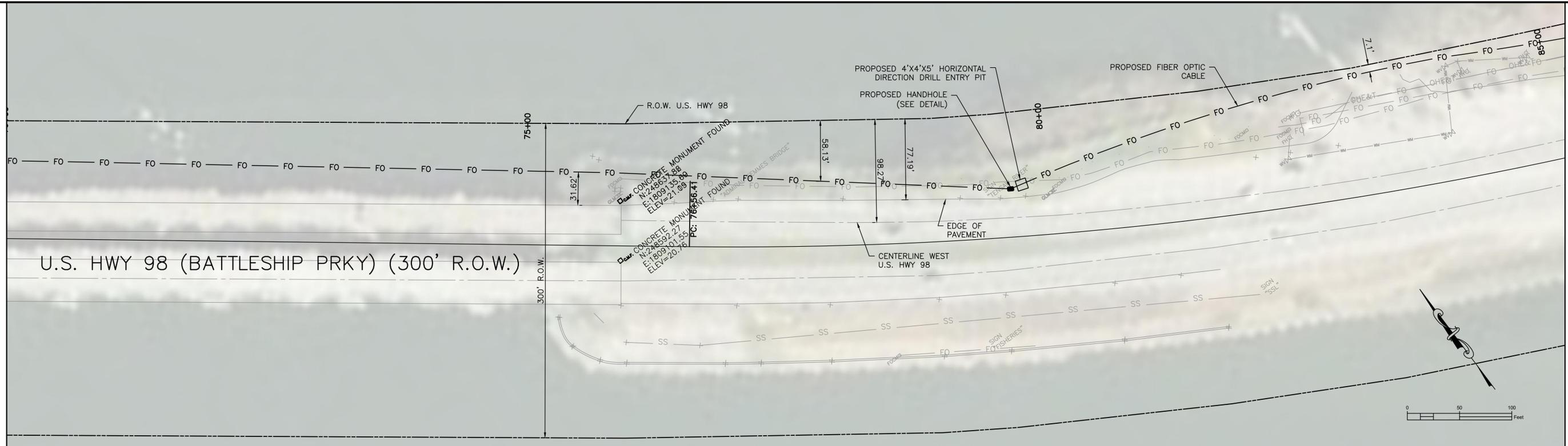
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

UTILITY PLAN SHEET

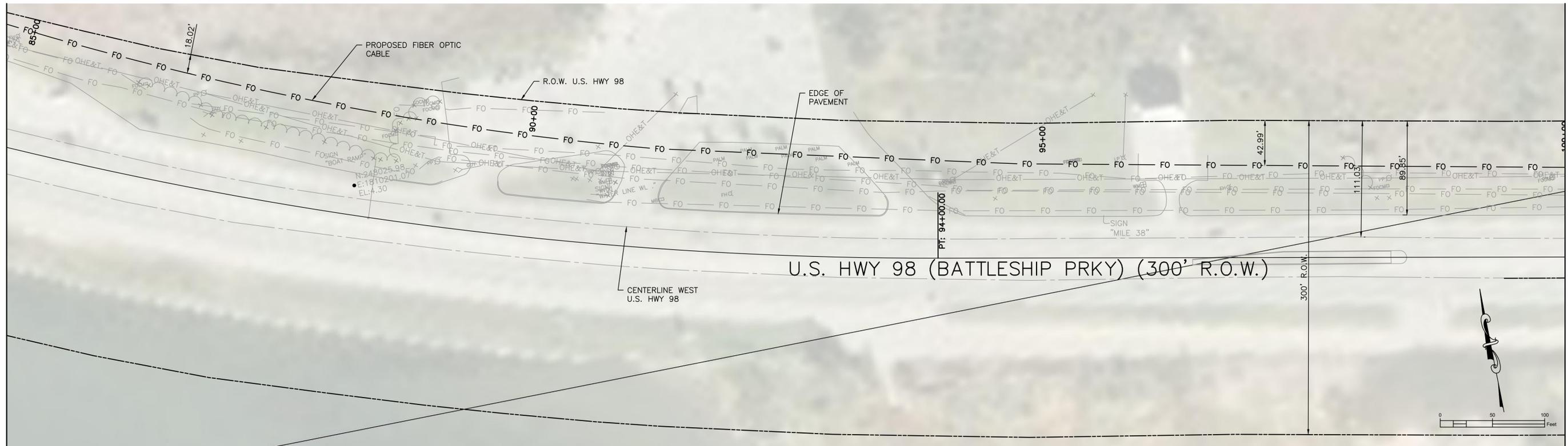
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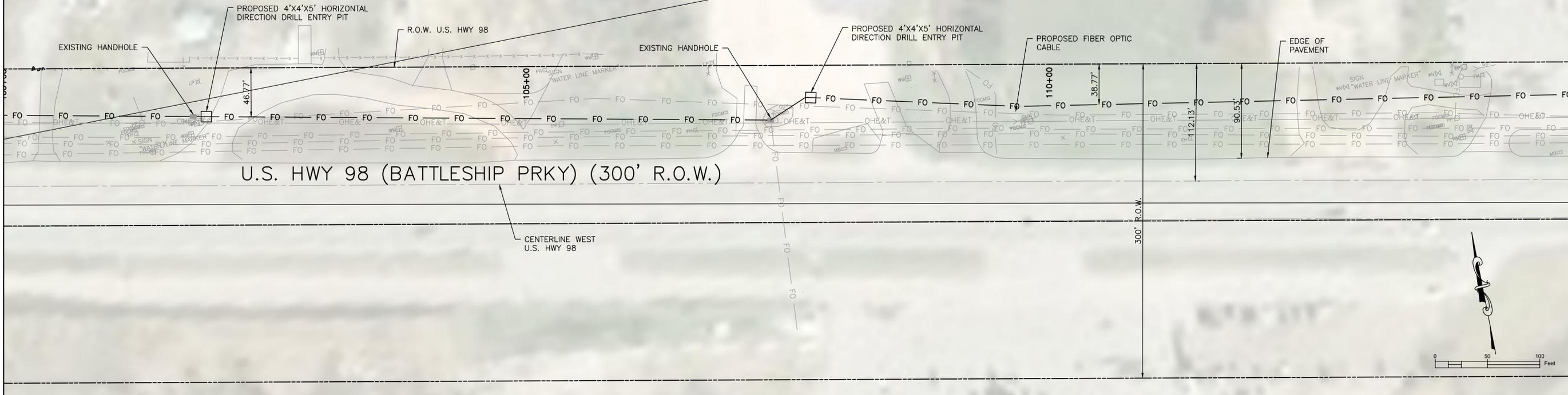
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**MOBILE BAY CAUSEWAY
ENGINEERING PROJECT**

UTILITY PLAN SHEET

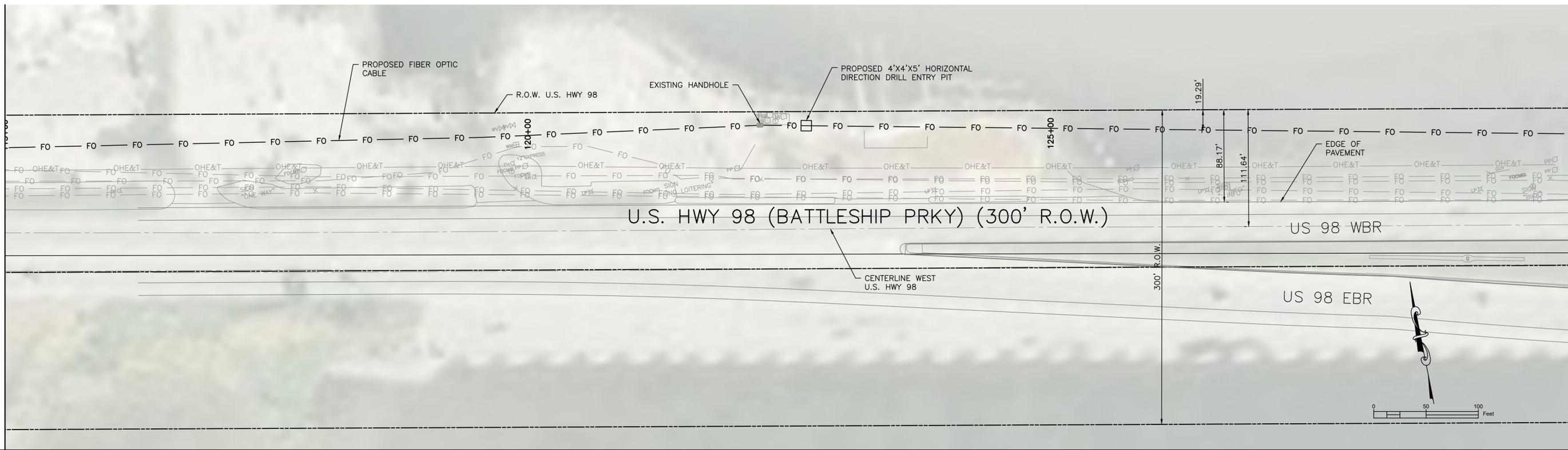
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MATCHLINE STA. 100+00 (SEE SH. C602)



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MATCHLINE STA. 115+00 (THIS SHEET)



MATCHLINE STA. 130+00 (SEE SH. C604)

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thompson
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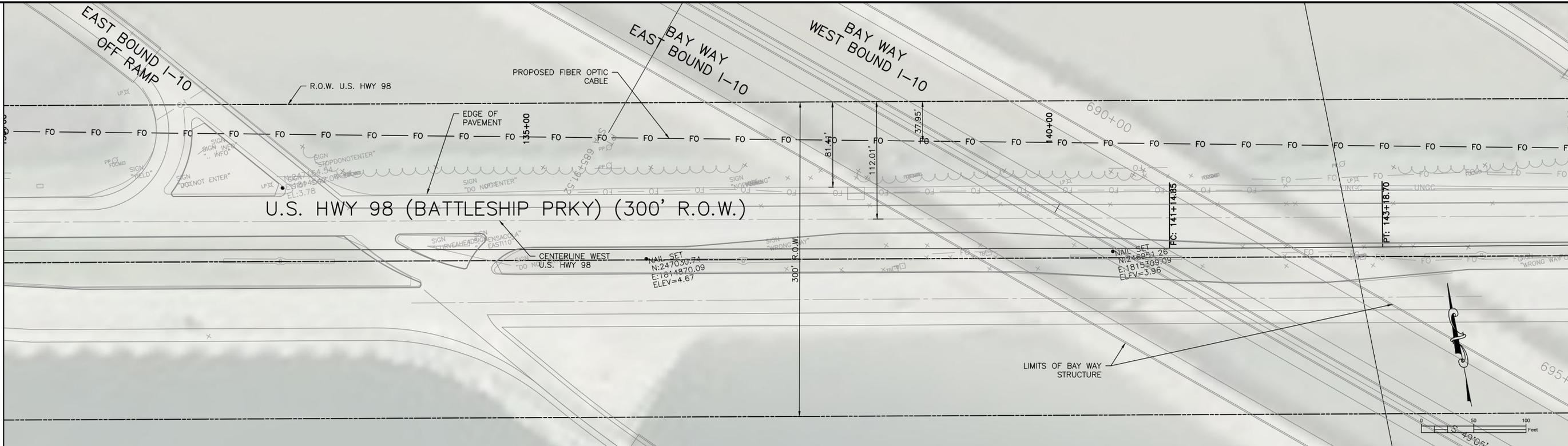
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

UTILITY PLAN SHEET

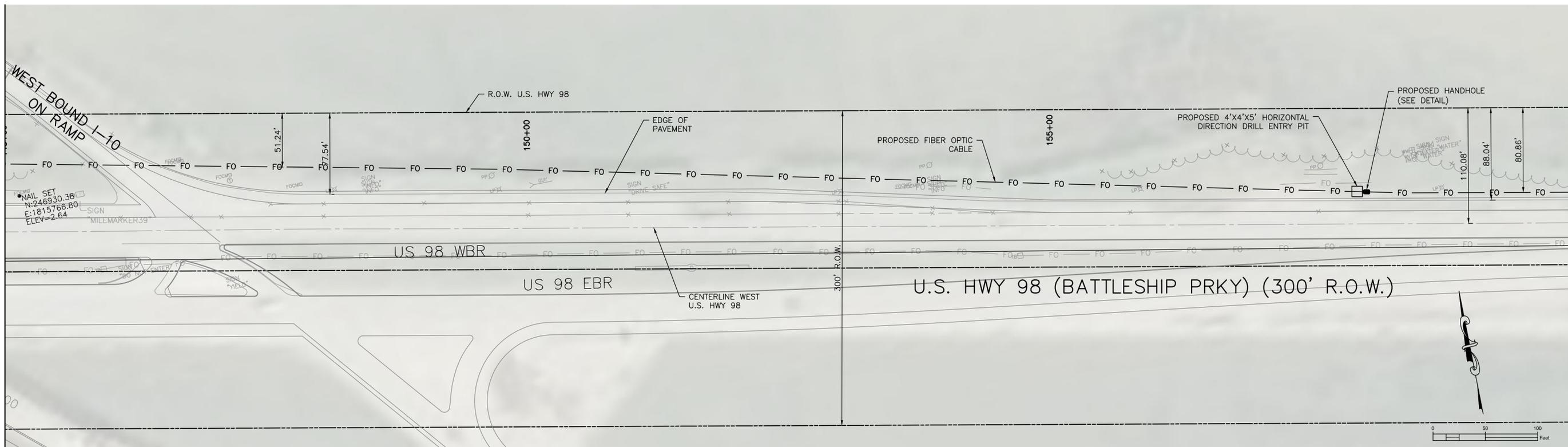
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MATCHLINE STA. 130+00 (SEE SH. C603)



MATCHLINE STA. 145+00 (THIS SHEET)

MATCHLINE STA. 145+00 (THIS SHEET)



MATCHLINE STA. 160+00 (SEE SH. C605)

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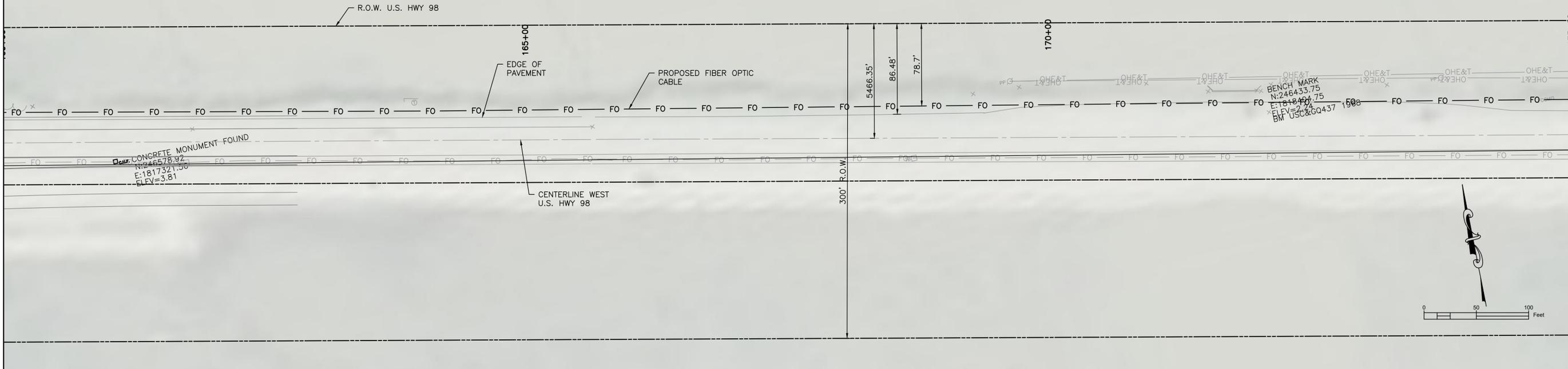
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**MOBILE BAY CAUSEWAY
ENGINEERING PROJECT**

UTILITY PLAN SHEET

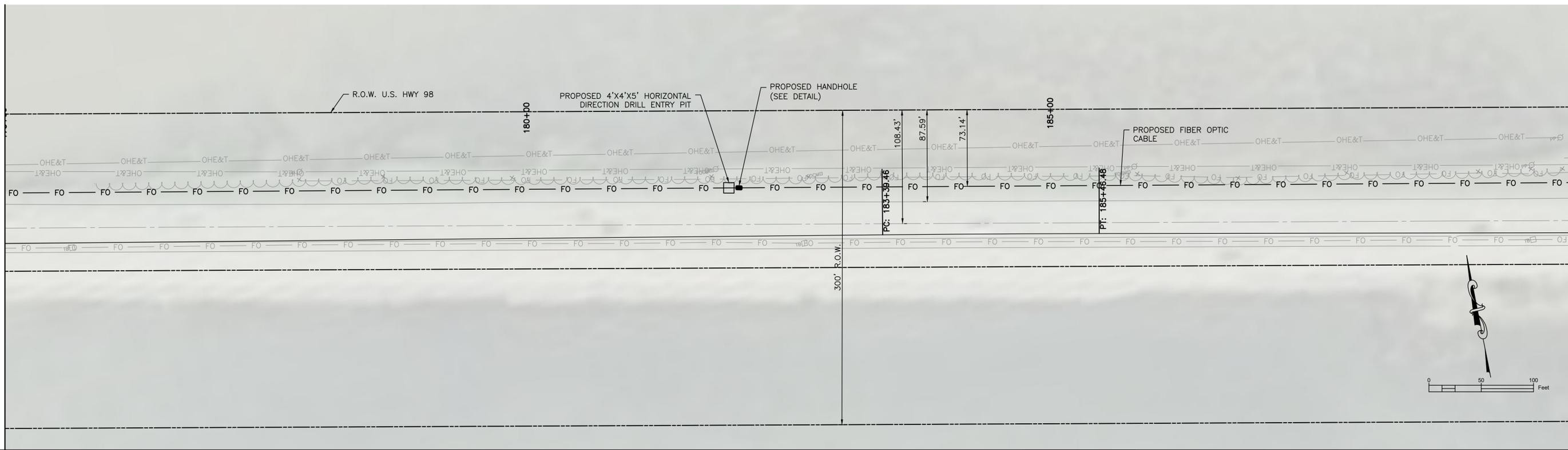
DATE: JUNE 4, 2019	JOB NO.: 19-1101-0076	DRAWING NO.: C604	REVISION NO.:
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MATCHLINE STA. 160+00 (SEE SH. C604)



MATCHLINE STA. 175+00 (THIS SHEET)

MATCHLINE STA. 175+00 (THIS SHEET)



MATCHLINE STA. 190+00 (SEE SH. C606)

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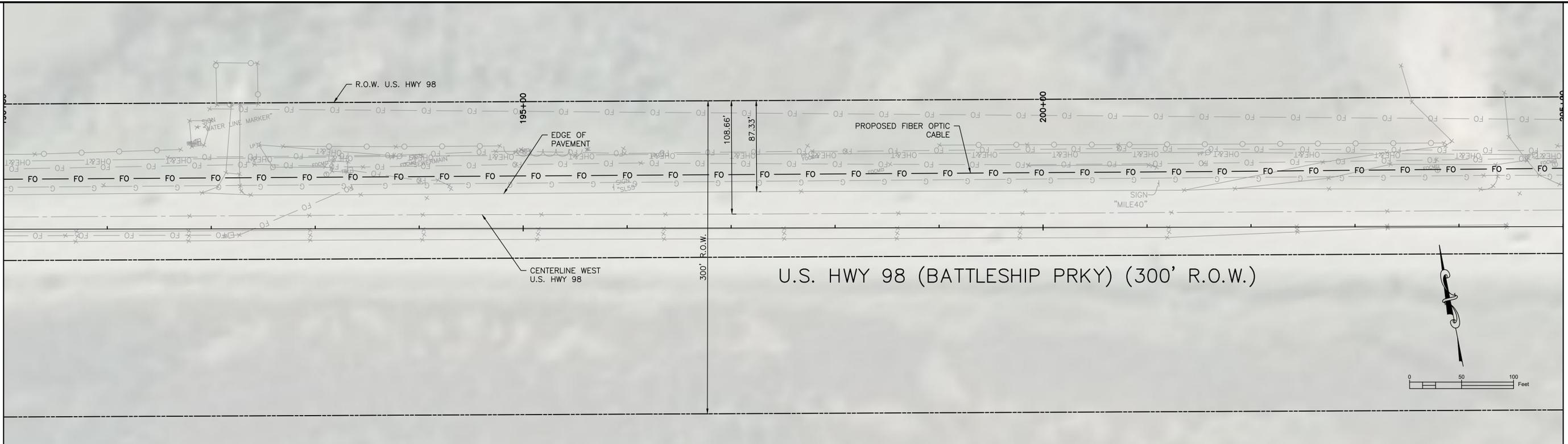
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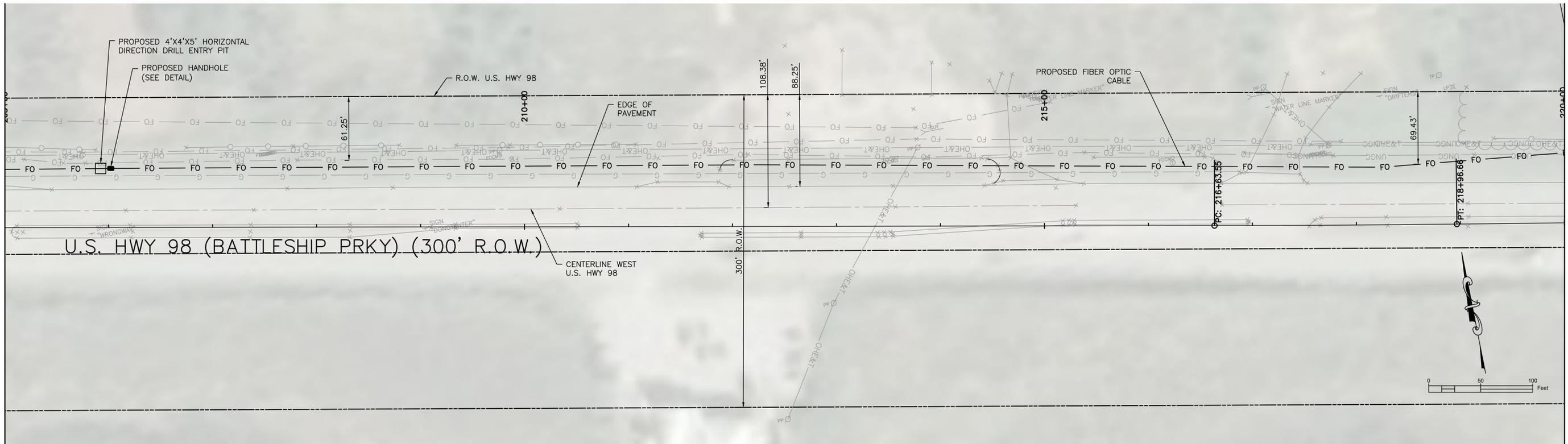
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MATCHLINE STA. 190+00 (SEE SH. C605)



MATCHLINE STA. 205+00 (THIS SHEET)

MATCHLINE STA. 205+00 (THIS SHEET)



MATCHLINE STA. 220+00 (SEE SH. C607)

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REVISION NO.	DESCRIPTION	DATE	BY:



UNITI FIBER
MOBILE, ALABAMA



2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606

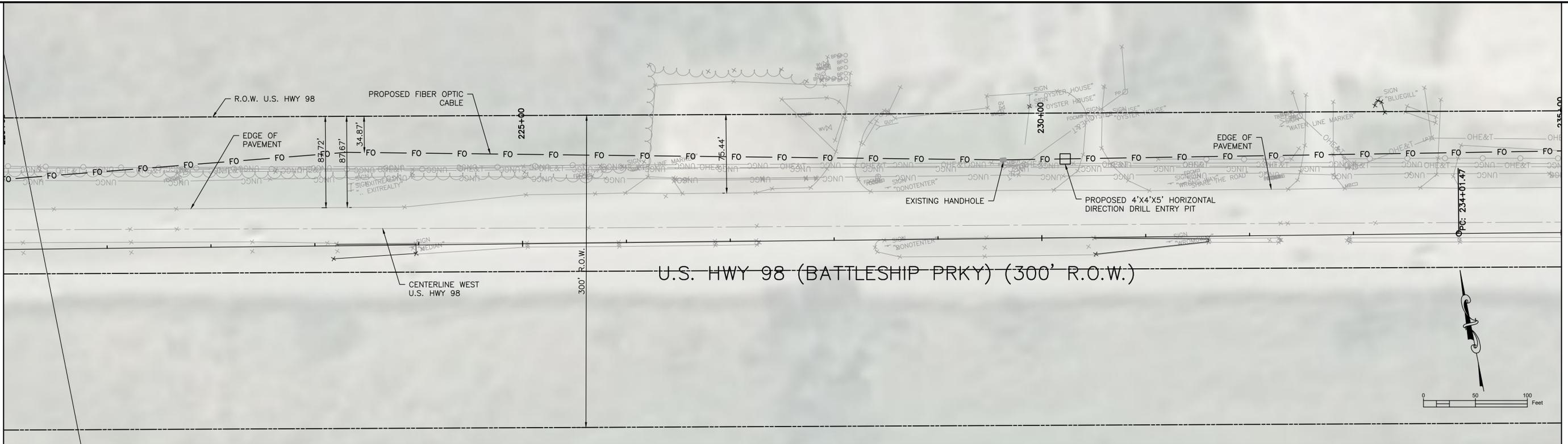
TEL: (251) 686-2443
FAX: (251) 686-6422

SCALE:	PLOT SCALE:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:	JOB NO.:	DRAWING NO.:	REVISION NO.:
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

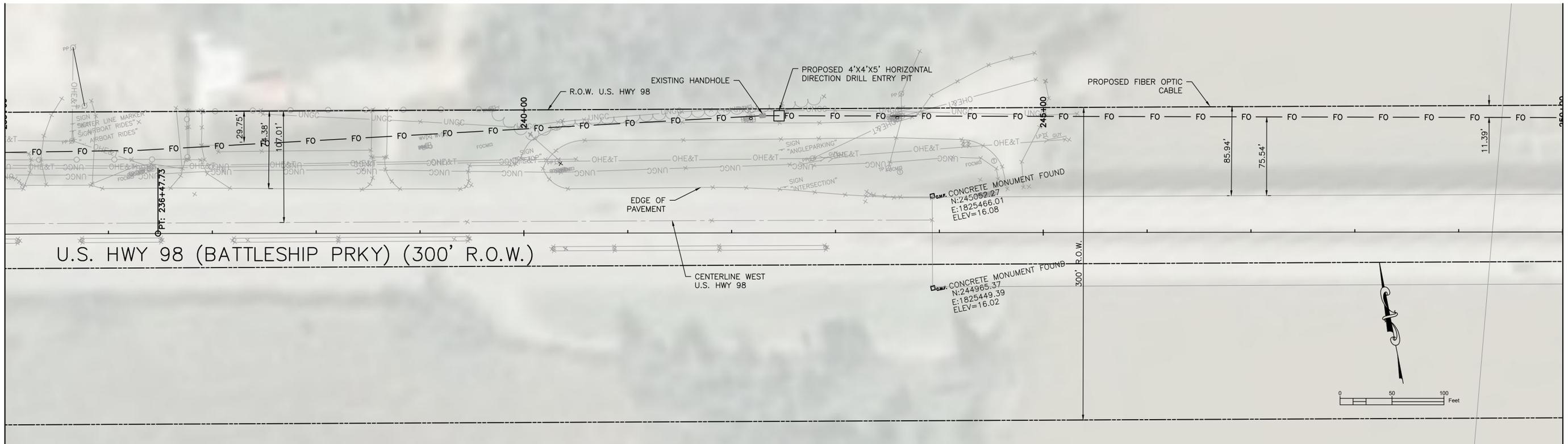
UTILITY PLAN SHEET

MATCHLINE STA. 220+00 (SEE SH. C606)



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MATCHLINE STA. 250+00 (SEE SH. C608)

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MOBILE, ALABAMA



2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606

TEL: (251) 666-2443
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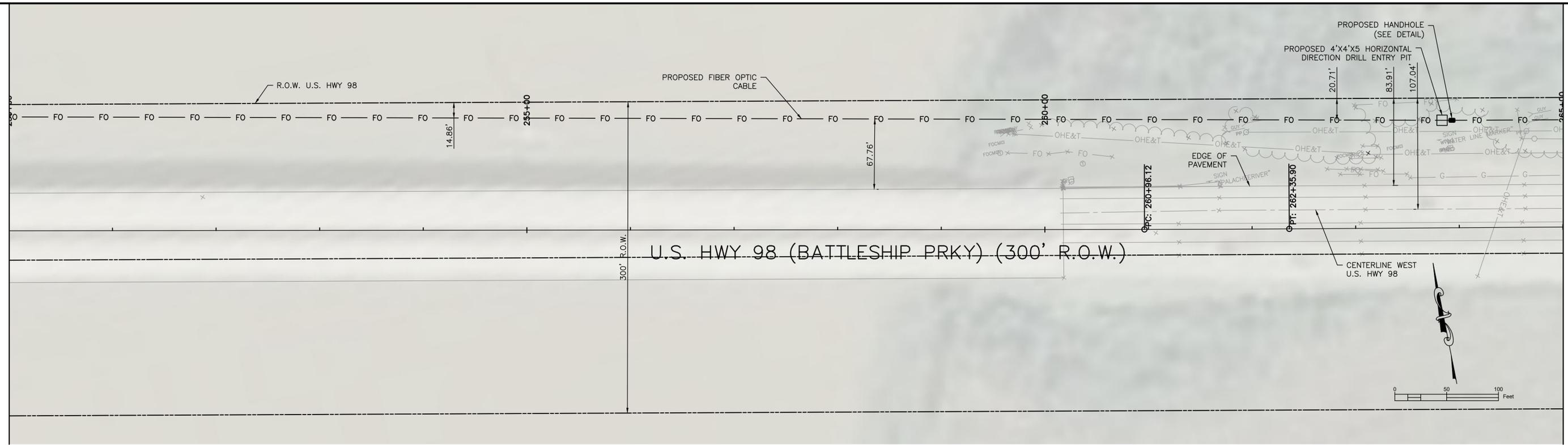
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

UTILITY PLAN SHEET

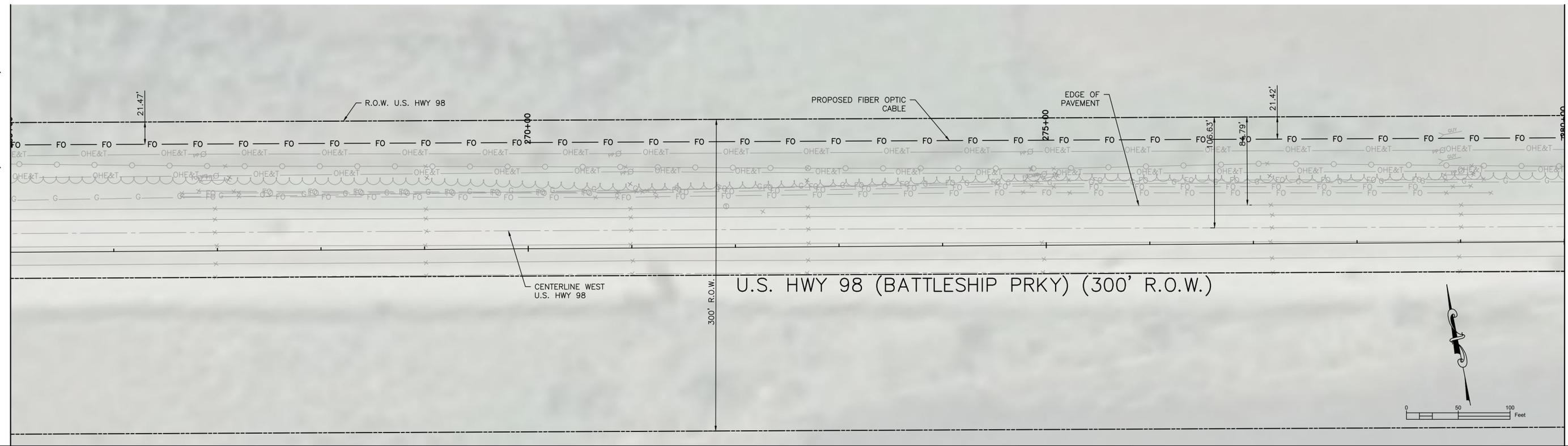
DATE: JUNE 4, 2019 JOB NO.: 19-1101-0076 DRAWING NO.: C607 REVISION NO.:

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UNITI FIBER
 MOBILE, ALABAMA

thompson
 ENGINEERING

2970 COTTAGE HILL RD., STE. 190
 MOBILE, ALABAMA 36606

TEL: (251) 666-2443
 FAX: (251) 666-6422

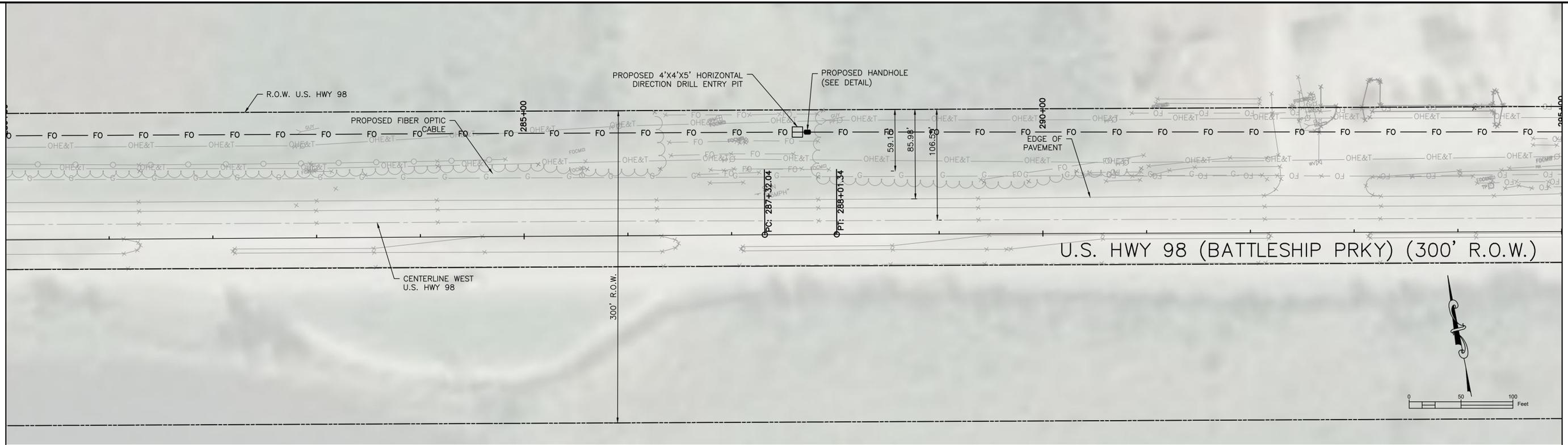
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

UTILITY PLAN SHEET

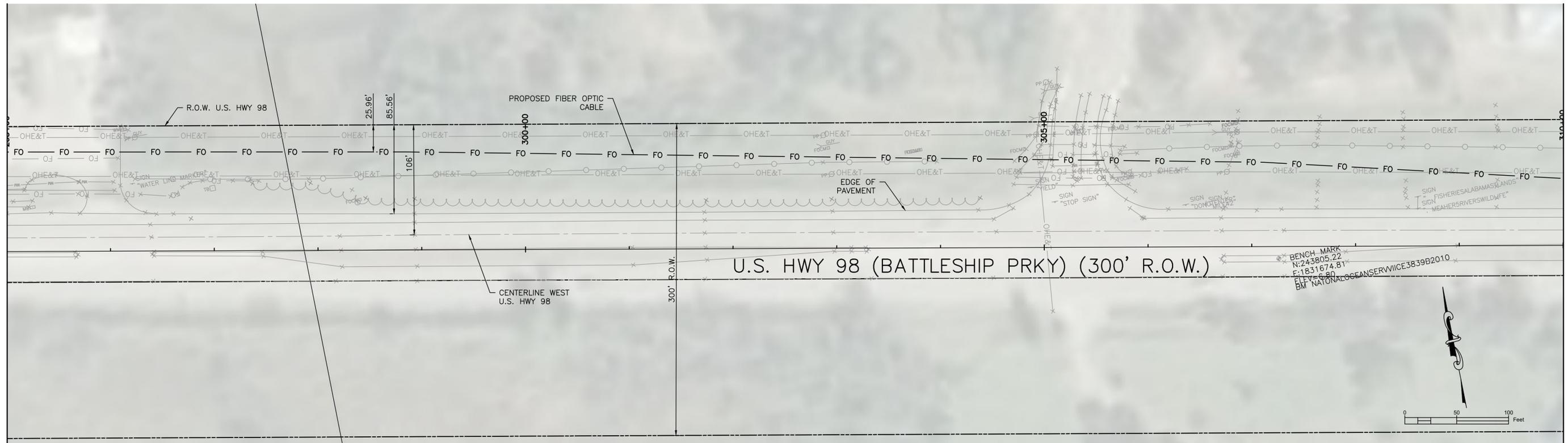
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MATCHLINE STA. 295+00 (THIS SHEET)

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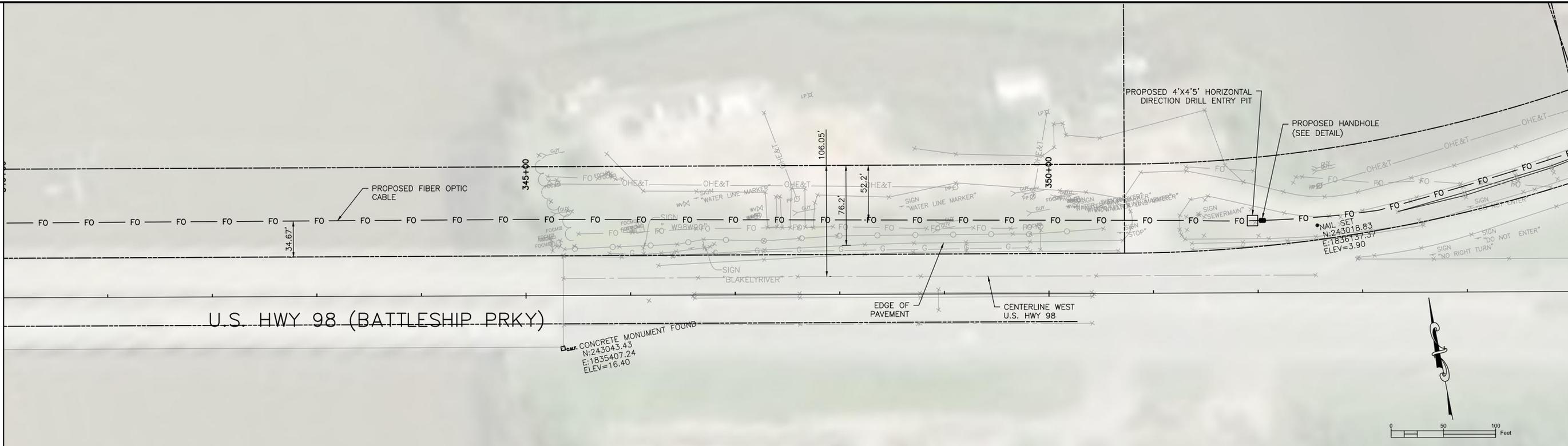
MATCHLINE STA. 310+00 (SEE SH. C610)

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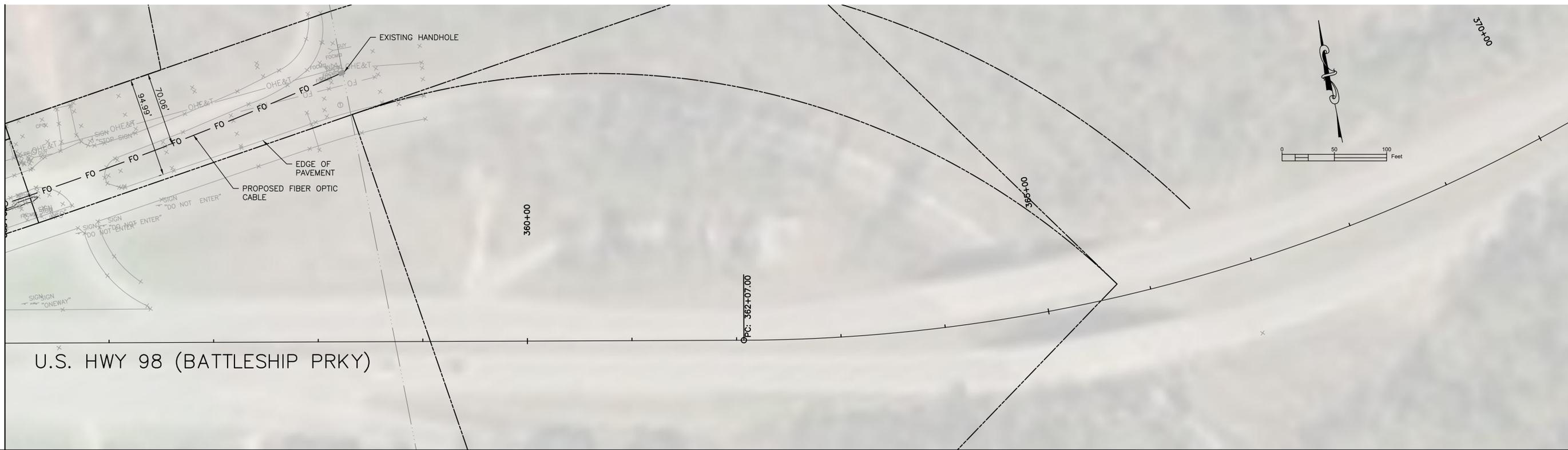
	UNITI FIBER MOBILE, ALABAMA		MOBILE BAY CAUSEWAY ENGINEERING PROJECT					
			UTILITY PLAN SHEET					
2970 COTTAGE HILL RD., STE. 190 MOBILE, ALABAMA 36606 SCALE: NOTED	PLOT SCALE: 1:1	DRAWN BY: SJE	CHECKED BY: FEL	APPROVED BY: MS	DATE: JUNE 4, 2019	JOB NO.: 19-1101-0076	DRAWING NO.: C609	REVISION NO.:

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MOBILE, ALABAMA

thompson
ENGINEERING

2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606

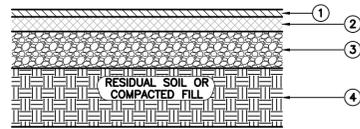
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

UTILITY PLAN SHEET

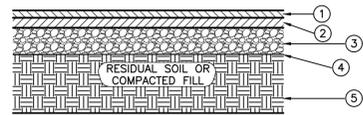
DATE: JUNE 4, 2019 JOB NO.: 19-1101-0076 DRAWING NO.: C611 REVISION NO.:



1. (ALDOT 429A) IMPROVED BITUMINOUS CONCRETE WEARING SURFACE, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C, 1.50" COMPACTED THICKNESS
2. (ALDOT 429B) IMPROVED BITUMINOUS CONCRETE BINDER COURSE, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C, 2" COMPACTED THICKNESS
3. (ALDOT 825.03) CRUSHED AGGREGATE, BASE COURSE (TYPE "B" PLANT MIXED), 6" COMPACTED THICKNESS, COMPACTED TO 98% MODIFIED AASHTO T-180
4. SUBGRADE, COMPACT TO 95% STANDARD PROCTOR (ASTM D-698) AT ±3% O.M.C.

ASPHALT PAVING TYPICAL SECTION

S.3B

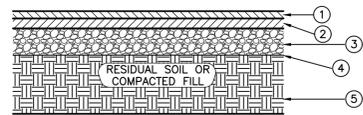


1. 1.5" ASPHALT, ST, 12.5MM MIXTURE BITUMINOUS WEARING SURFACE
2. 1.5" ASPHALT, ST, 19MM MIXTURE BITUMINOUS BINDER SURFACE
3. CRUSHED STONE, 6" COMPACTED THICKNESS, COMPACTED TO 95% MODIFIED PROCTOR AASHTO T-180
4. TYPE V NON-WOVEN GEOTEXTILE FILTER FABRIC
5. SUBGRADE: AS REQUIRED, 98% STANDARD PROCTOR DENSITY

LIGHT DUTY ASPHALT PAVING SECTION

S2A

N.T.S.

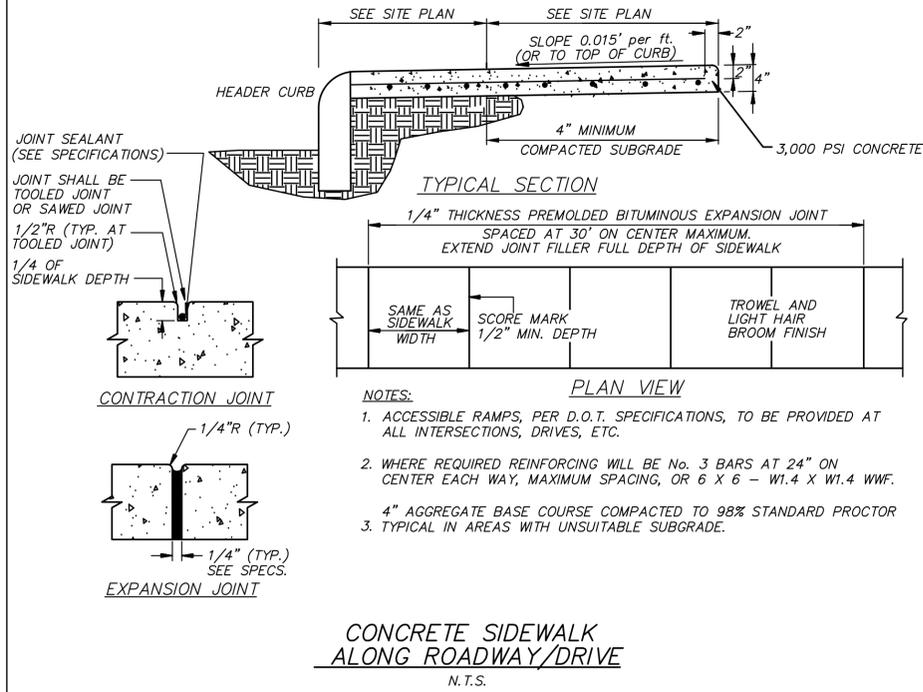


1. 1.5" ASPHALT, ST, 12.5MM MIXTURE BITUMINOUS WEARING SURFACE
2. 2.5" ASPHALT, ST, 19MM MIXTURE BITUMINOUS BINDER SURFACE
3. CRUSHED STONE, 6" COMPACTED THICKNESS, COMPACTED TO 95% MODIFIED PROCTOR AASHTO T-180
4. TYPE V NON-WOVEN GEOTEXTILE FILTER FABRIC
5. SUBGRADE: AS REQUIRED, 98% STANDARD PROCTOR DENSITY

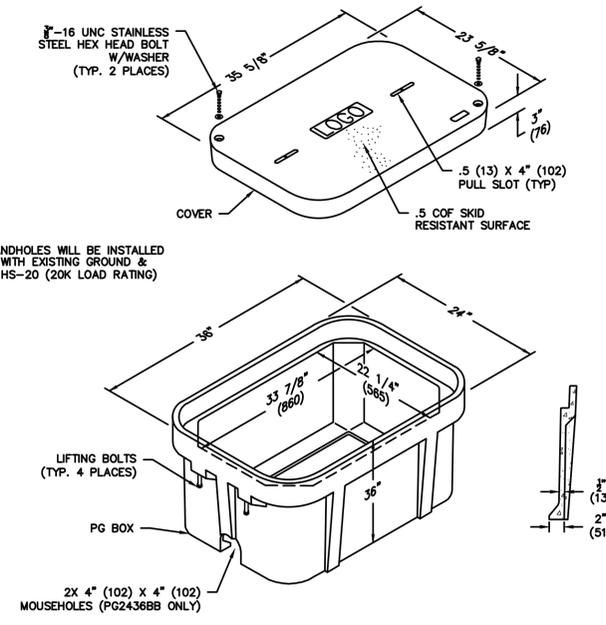
HEAVY DUTY ASPHALT PAVING SECTION

S2B

N.T.S.



S.3B



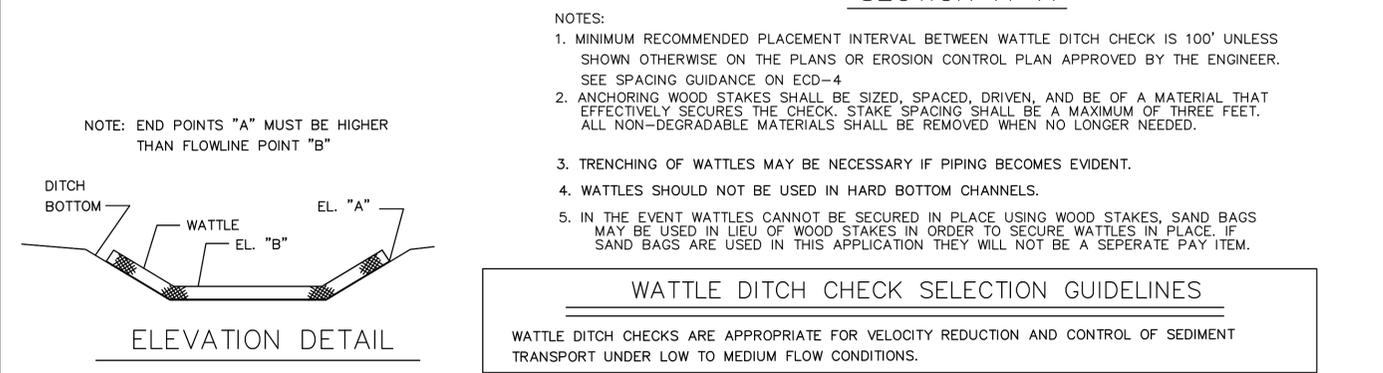
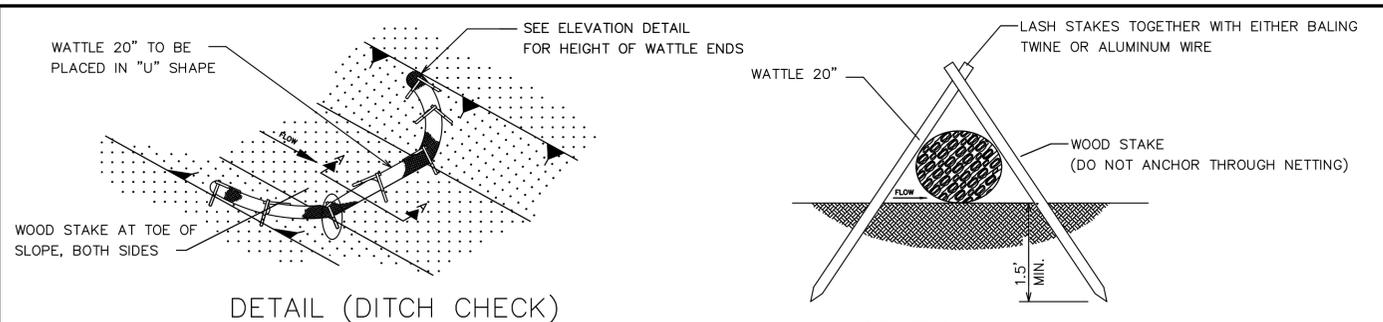
36"x24"x36" HANDHOLE TYPICAL DETAIL

N.T.S.

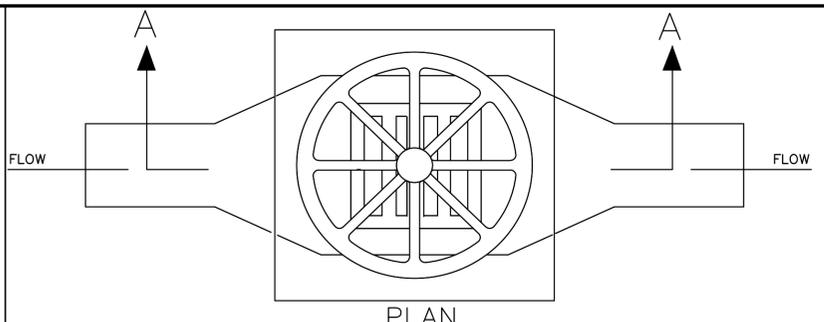
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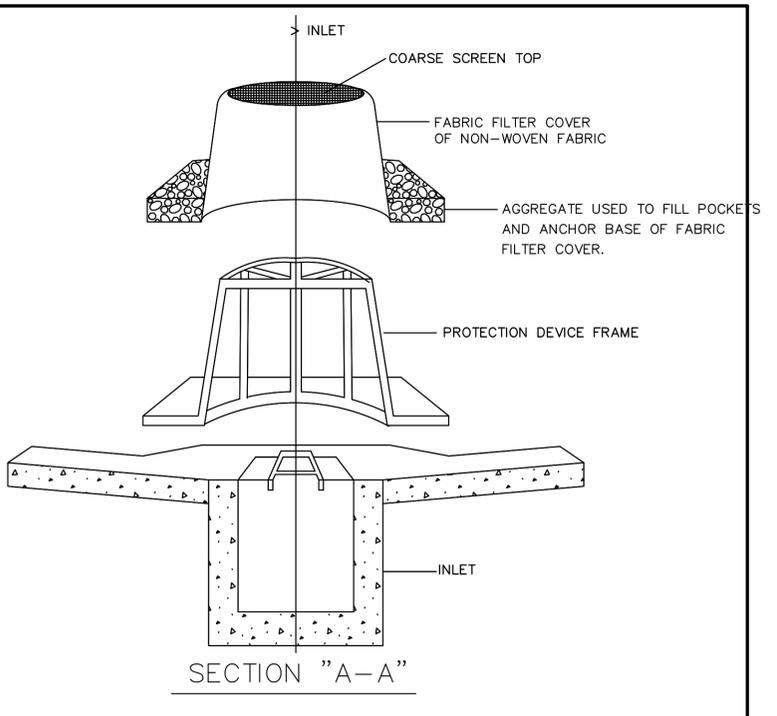
	UNITI FIBER MOBILE, ALABAMA	MOBILE BAY CAUSEWAY ENGINEERING PROJECT
<small>2970 COTTAGE HILL RD., STE. 190 MOBILE, ALABAMA 36606</small>	<small>TEL: (251) 666-2443 FAX: (251) 666-6422</small>	<small>SCALE: NOTED</small>
<small>PLOT SCALE: 1:1</small>	<small>DRAWN BY: SJE</small>	<small>CHECKED BY: FEL</small>
<small>APPROVED BY: MS</small>	<small>DATE: JUNE 4, 2019</small>	<small>JOB NO.: 19-1101-0076</small>
<small>DRAWING NO.: C700</small>	<small>REVISION NO.:</small>	



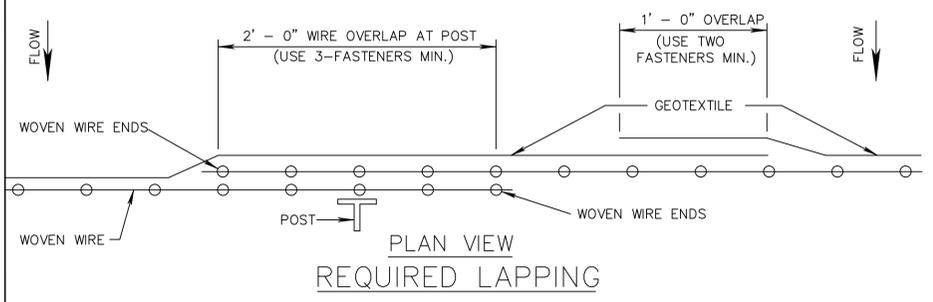
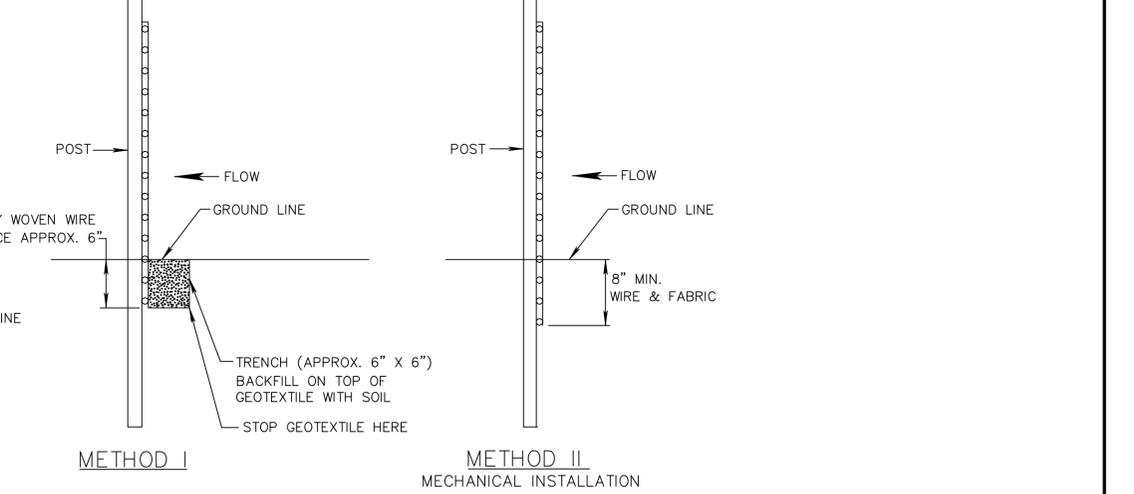
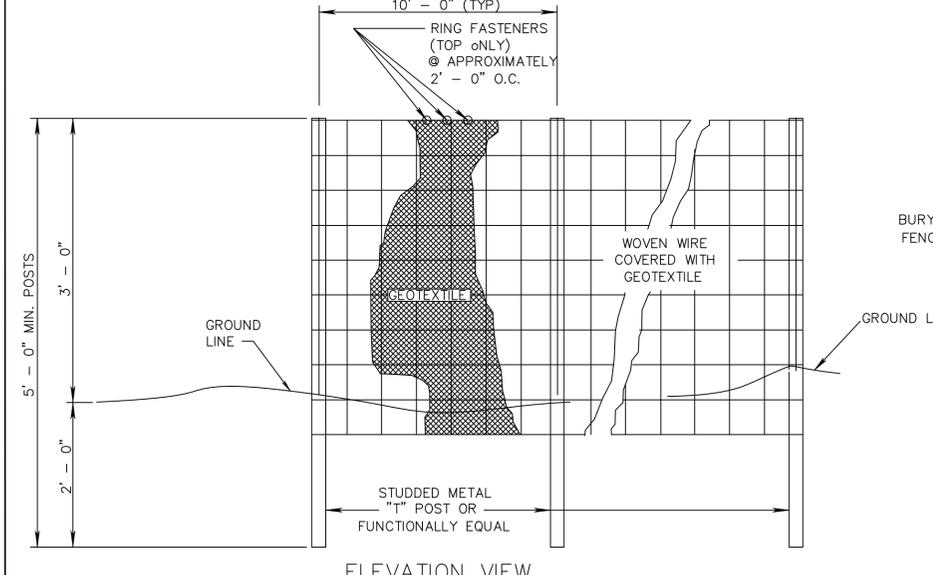
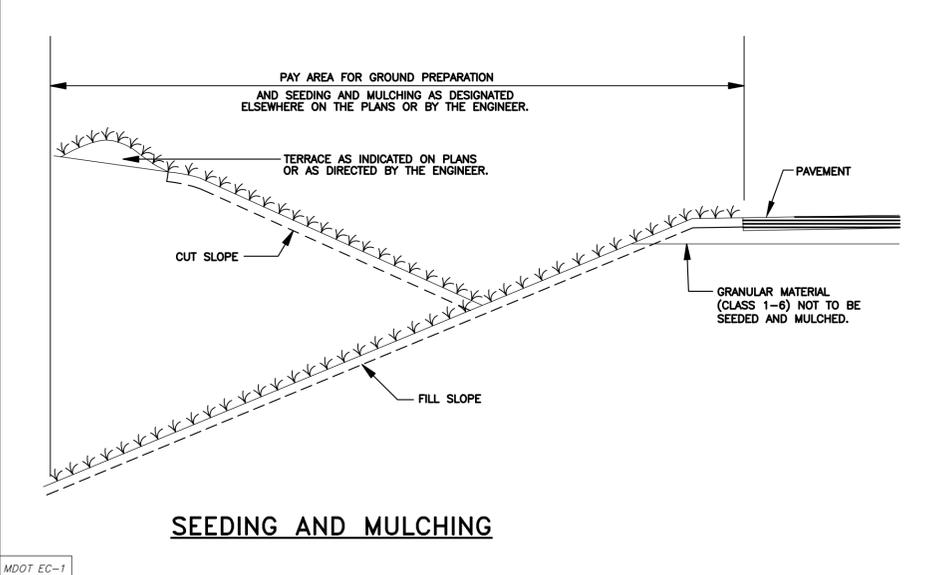
TEMPORARY EROSION WATTLE DITCH CHECKS
N.T.S.



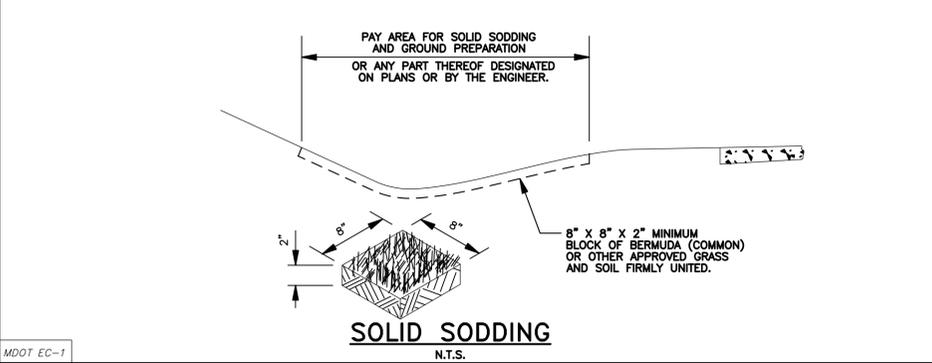
- NOTES:**
1. FRAMES WITH EITHER SQUARE OR CIRCULAR BASES MAY BE USED. SELECTED FRAME BASE SHOULD PROVIDE BEST SEAL AROUND INLET AS DIRECTED BY THE ENGINEER.
 2. FILL POCKETS AROUND BASE OF FILTER COVER WITH #57 STONE OR SOIL. STONE IS REQUIRED WHEN ANCHORING THE MANUFACTURED INLET PROTECTION DEVICE OVER PAVED DITCH OR FLUME.
 3. USE ONLY DURING STAGE 3 OR STAGE 4 INLET CONSTRUCTION.
 4. FOR MEDIAN INLET PROTECTION, THE ELEVATION OF THE COARSE SCREEN TOP SHOULD BE A MINIMUM OF 6" BELOW THE ELEVATION OF THE OUTSIDE EDGE OF THE INSIDE SHOULDER.



INLET PROTECTION DEVICE
N.T.S.



- NOTES:**
1. SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 2. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 4. WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 6. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 7. WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.



TEMPORARY SILT FENCE
N.T.S.

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REVISION NO.	DESCRIPTION	DATE	BY:

Uniti Fiber

UNITI FIBER
MOBILE, ALABAMA

thompson ENGINEERING

2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606

TEL: (251) 666-2443
FAX: (251) 666-6422

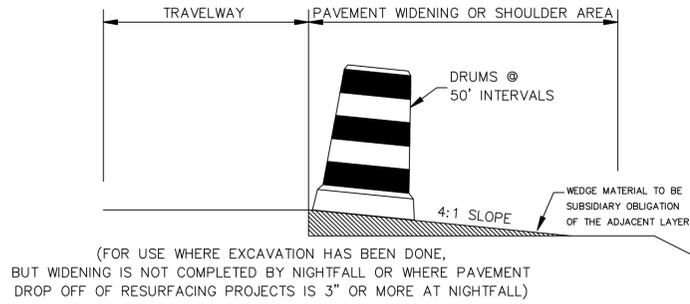
SCALE: **NOTED** PLOT SCALE: 1:1 DRAWN BY: SJE CHECKED BY: FEL APPROVED BY: MS

MOBILE BAY CAUSEWAY ENGINEERING PROJECT

CONSTRUCTION DETAILS

DATE: JUNE 4, 2019 JOB NO.: 19-1101-0076 DRAWING NO.: C701 REVISION NO.:

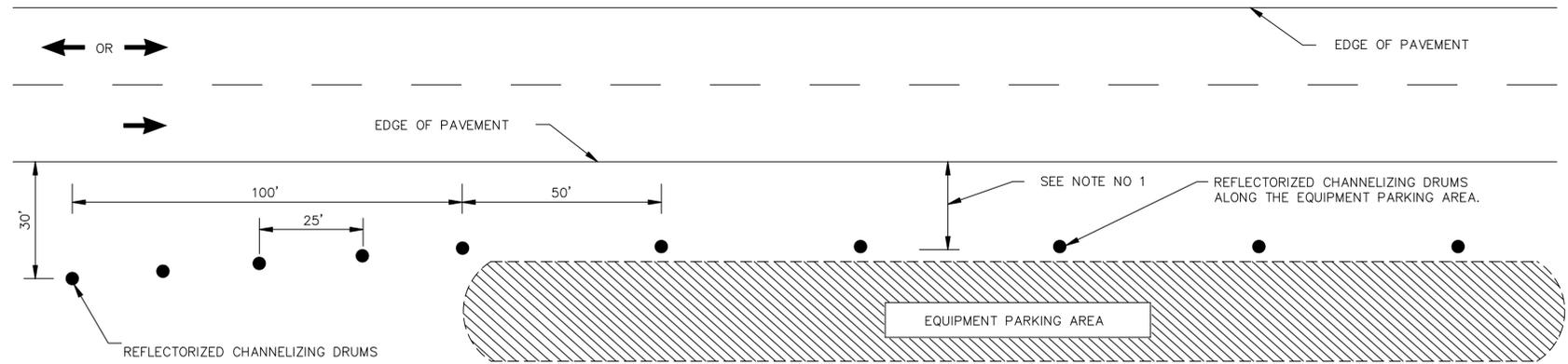
TRAFFIC CONTROL PLANS AND DETAILS



TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

NOTE: THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE. THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER.

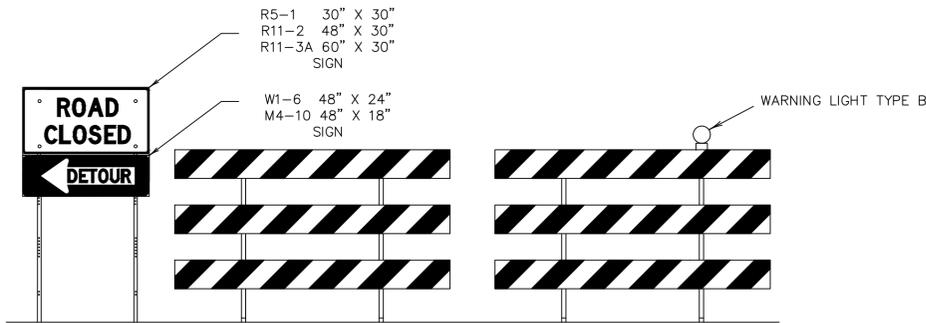
CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.



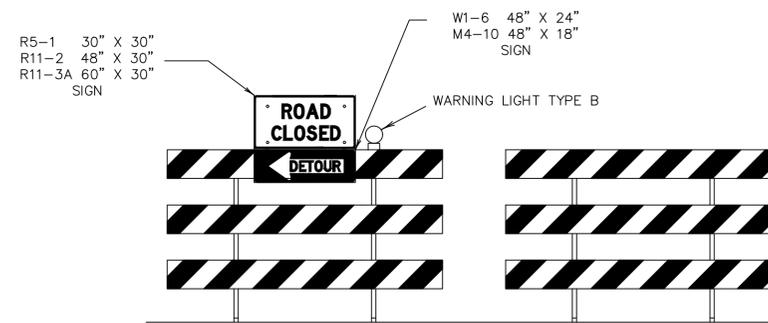
NOTES:

1. DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT, MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER.
2. ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE COUNTY.

DELINEATING DETAILS FOR EQUIPMENT PARKING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

NOTES

1. SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
 2. IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED
 3. IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED TO THE SIDE OF THE BARRICADES AS SHOWN.
- ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.

-- SPECIFICATIONS --
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
STANDARD DETAILS FOR TRAFFIC CONTROL PLANS

Bureau Std Engr: L.V.S.
DRAWN BY: _____ DATE DRAWN: 4-3-12

SPECIAL DRAWING NO
INDEX NO

SPECIAL PROJECT DETAIL 2001

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UNITI FIBER
MOBILE, ALABAMA



2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606

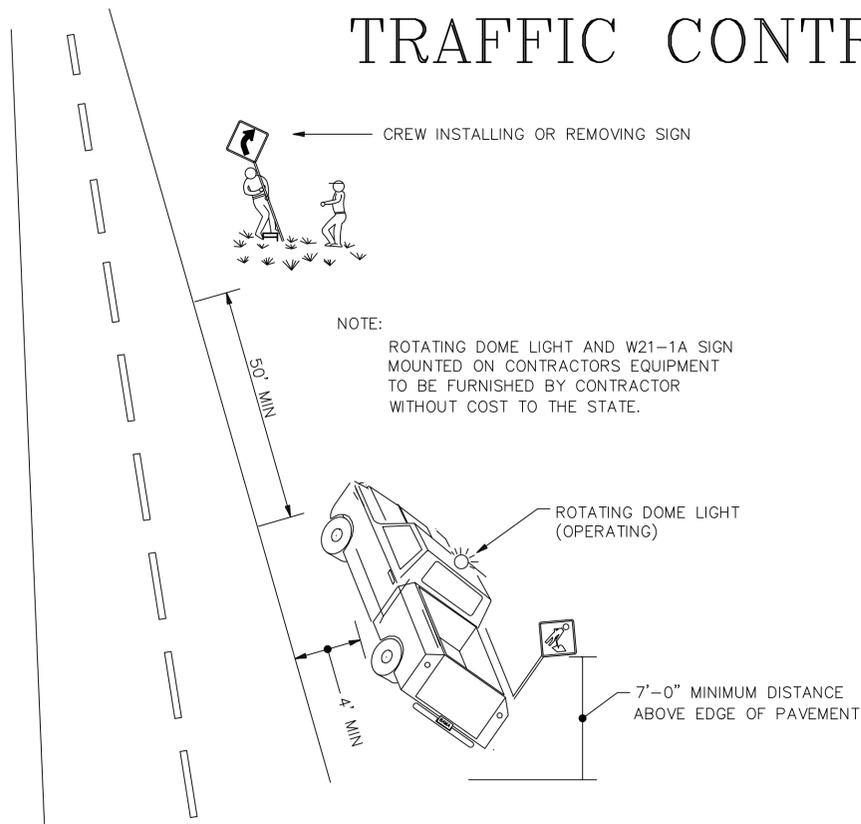
TEL: (251) 666-2443
FAX: (251) 666-8422

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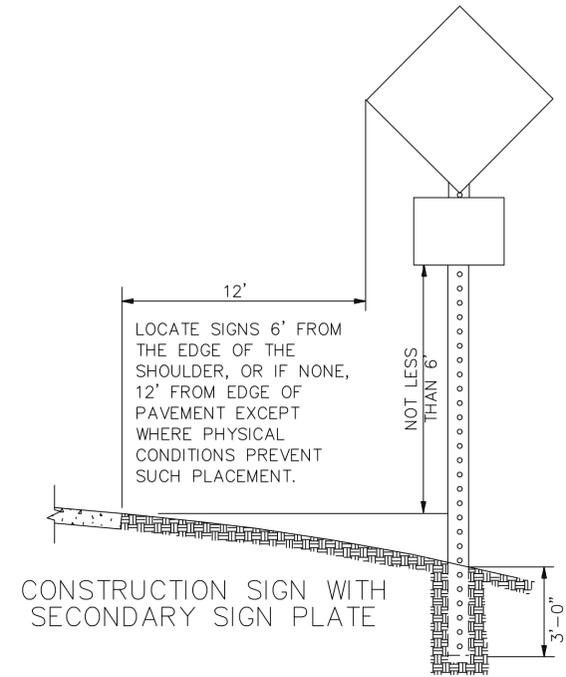
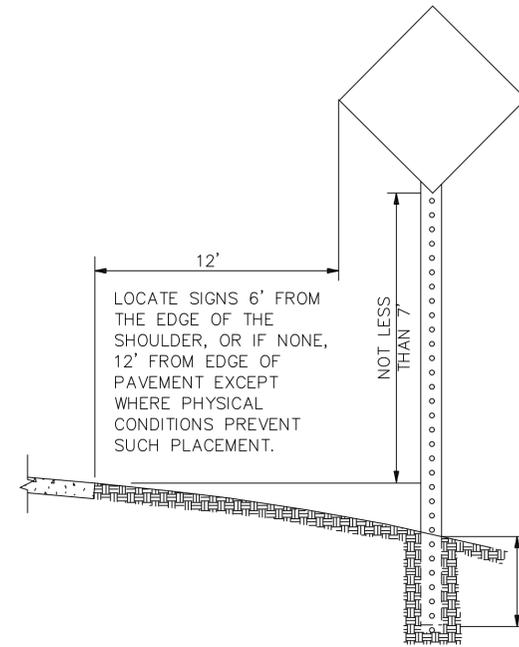
MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

STANDARD DETAILS FOR
TRAFFIC CONTROL PLAN

TRAFFIC CONTROL PLANS AND DETAILS

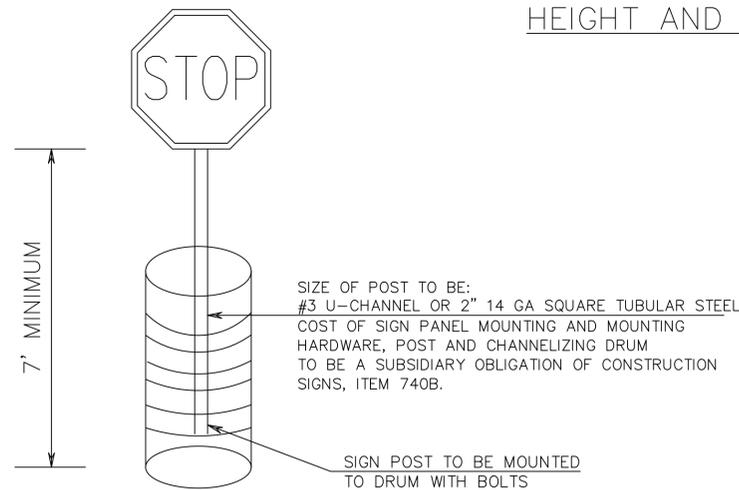


TYPICAL METHOD FOR INSTALLING OR REMOVING CONSTRUCTION SIGNS



NOTE : IF THE CONTRACTOR CHOOSES TO SPLICE THE POSTS FOR THE REQUIRED POST MOUNTED CONSTRUCTION SIGNS, THEY SHALL BE SPLICED AS SHOWN ON DRAWING IHS-710-23.

HEIGHT AND LATERAL LOCATION OF POST MOUNTED CONSTRUCTION SIGNS



DETAIL FOR DRUM MOUNTED CONSTRUCTION SIGNS

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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ALABAMA DEPARTMENT OF TRANSPORTATION

1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

STANDARD DETAILS FOR TRAFFIC CONTROL PLANS

Bureau Std Engr: _____
DRAWN BY: _____ DATE DRAWN: 7-21-11

SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL

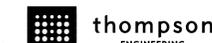
INDEX NO
2001A

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MOBILE, ALABAMA



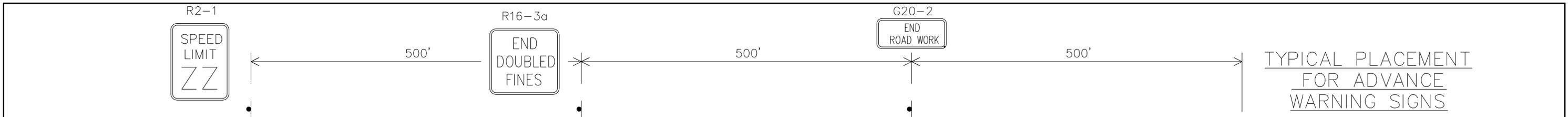
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MOBILE, ALABAMA 36606

TEL: (251) 666-2443
FAX: (251) 666-8422

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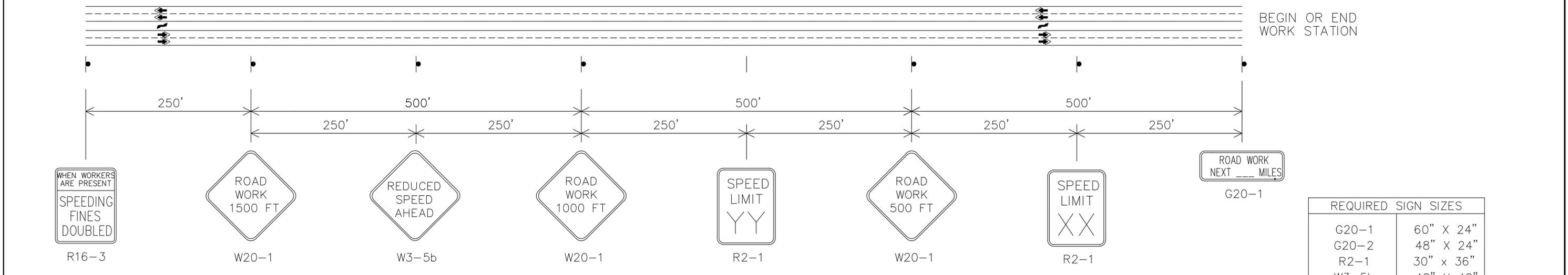
MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

STANDARD DETAILS FOR
TRAFFIC CONTROL PLAN



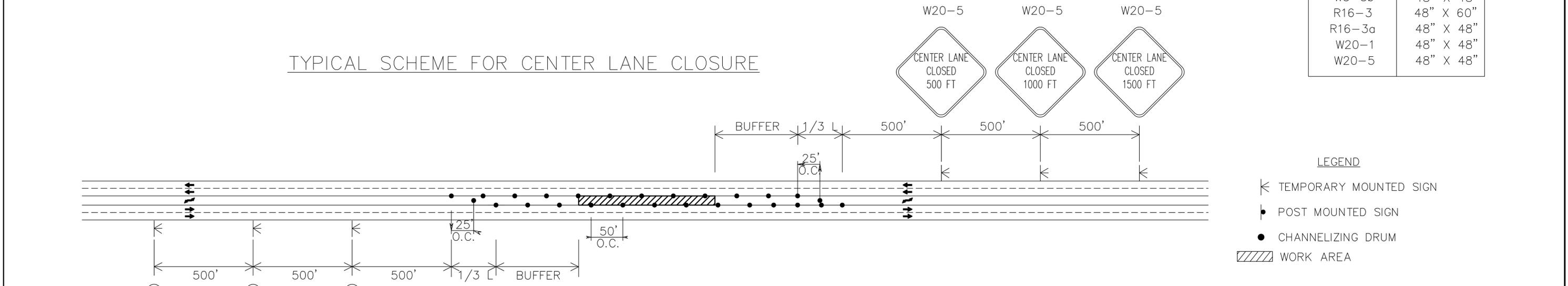
TYPICAL PLACEMENT FOR ADVANCE WARNING SIGNS

BEGIN OR END WORK STATION



TYPICAL SCHEME FOR CENTER LANE CLOSURE

REQUIRED SIGN SIZES	
G20-1	60" X 24"
G20-2	48" X 24"
R2-1	30" X 36"
W3-5b	48" X 48"
R16-3	48" X 60"
R16-3a	48" X 48"
W20-1	48" X 48"
W20-5	48" X 48"



LEGEND

- ◁ TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CHANNELIZING DRUM
- ▨ WORK AREA

GENERAL NOTES

- ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.
- SIGN (XX) SHALL SHOW THE SPEED IN THE WORK ZONE. SIGN (YY) SHALL BE USED IF SPEED REDUCTION REQUIRES TWO SIGNS. SIGN(ZZ) SHALL SHOW THE POSTED SPEED OUTSIDE THE WORK ZONE.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR TRAFFIC CONTROL FOR 5-LANE HIGHWAYS

SPECIAL DRAWING NO. 2003
INDEX NO. 2003

Bureau Std Engr: _____
DRAWN BY: _____ DATE DRAWN: 1-16-2013

SPECIAL PROJECT DETAIL

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Uniti Fiber
UNITI FIBER
MOBILE, ALABAMA

thompson ENGINEERING
2970 COTTAGE HILL RD., STE. 190
MOBILE, ALABAMA 36606
TEL: (251) 666-2443
FAX: (251) 666-8422

MOBILE BAY CAUSEWAY ENGINEERING PROJECT

STANDARD DETAILS FOR TRAFFIC CONTROL PLAN

SCALE: NOTED PLOT SCALE: 1:1 DRAWN BY: SJE CHECKED BY: FEL APPROVED BY: MS DATE: JUNE 4, 2019 JOB NO.: 19-1101-0076 DRAWING NO.: C712 REVISION NO.:

R2-1



500'

R16-3a



500'

G20-2



500'

TYPICAL PLACEMENT FOR ADVANCE WARNING SIGNS

BEGIN OR END WORK STATION

250'

250'

500'

250'

250'

250'

500'

250'

250'

250'

500'

250'



G20-1



R16-3



W20-1



W3-5b



W20-1



R2-1



W20-1



R2-1

REQUIRED SIGN SIZES	
G20-1	60" X 24"
G20-2	48" X 24"
R2-1	30" X 36"
W3-5b	48" X 48"
R16-3	48" X 60"
R16-3a	48" X 48"
W20-1	48" X 48"
W20-5	48" X 48"

TYPICAL SCHEME FOR LEFT LANE CLOSURE



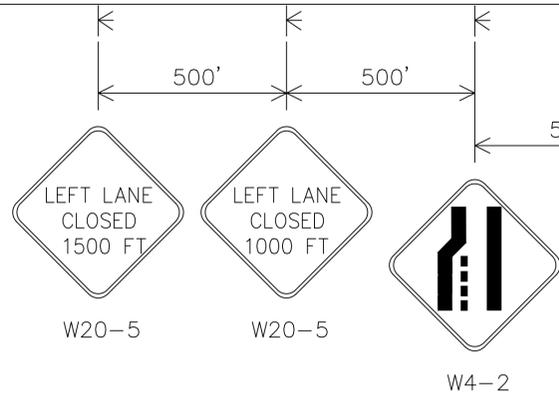
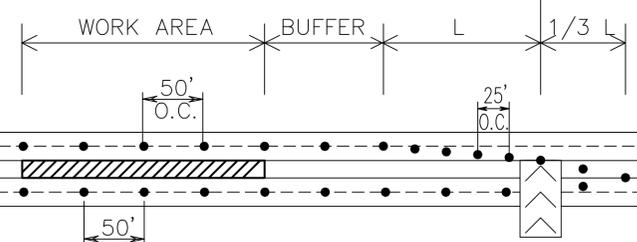
W4-2



W20-5



W20-5



W20-5

W20-5

W4-2

GENERAL NOTES

1. ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.
2. SIGN (XX) SHALL SHOW THE SPEED IN THE WORK ZONE. SIGN (YY) SHALL BE USED IF SPEED REDUCTION REQUIRES TWO SIGNS. SIGN(ZZ) SHALL SHOW THE POSTED SPEED OUTSIDE THE WORK ZONE.

LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CHANNELIZING DRUM
- WORK AREA
- PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT

---SPECIFICATIONS---
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR TRAFFIC CONTROL FOR 5-LANE HIGHWAYS

Bureau Std Engr: _____
DRAWN BY: _____ DATE DRAWN: 1-16-2013

SPECIAL DRAWING NO. _____ INDEX NO. 2003A
SPECIAL PROJECT DETAIL

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MOBILE, ALABAMA 36606

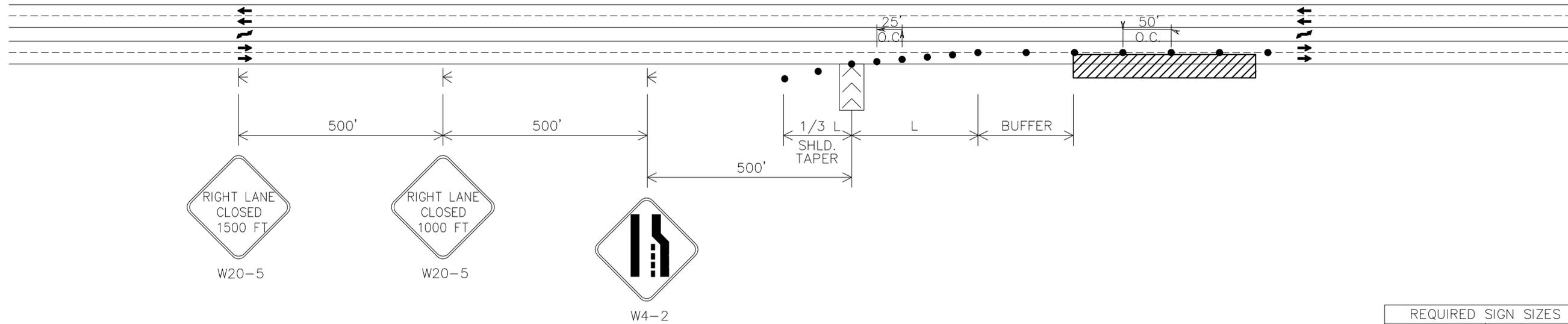
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MOBILE BAY CAUSEWAY
ENGINEERING PROJECT

STANDARD DETAILS FOR
TRAFFIC CONTROL PLAN

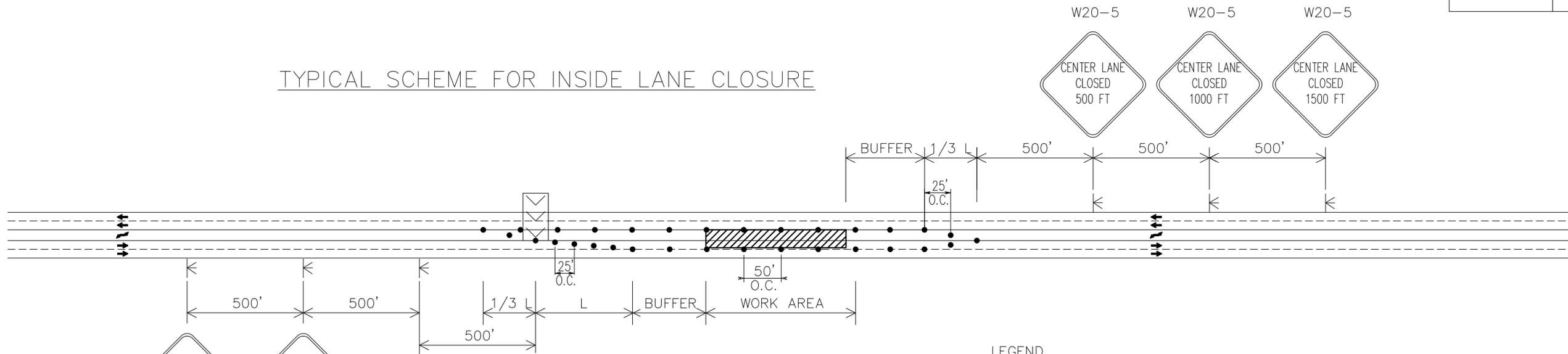
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NOTED	1:1	SJE	FEL	MS	JUNE 4, 2019	19-1101-0076	C713	

TYPICAL SCHEME FOR OUTSIDE LANE CLOSURE



REQUIRED SIGN SIZES	
W4-2	48" X 48"
W20-5	48" X 48"

TYPICAL SCHEME FOR INSIDE LANE CLOSURE



LEGEND

- TEMPORARY MOUNTED SIGN
- CHANNELIZING DRUM
- WORK AREA
- PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT

GENERAL NOTES

- ALL SIGNS SHALL BE TEMPORARY MOUNTED AS SHOWN.

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DESIGN BUREAU SPECIAL DRAWING
DETAILS FOR TRAFFIC CONTROL FOR 5-LANE HIGHWAYS

Bureau Std Engr: _____	SPECIAL DRAWING NO	INDEX NO
DRAWN BY: _____ DATE DRAWN: 1-16-2013	SPECIAL PROJECT DETAIL	2004

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 UNITI FIBER MOBILE, ALABAMA	 thompson ENGINEERING
2970 COTTAGE HILL RD., STE. 190 MOBILE, ALABAMA 36606 SCALE: NOTED	TEL: (251) 666-2443 FAX: (251) 666-8422 DRAWN BY: SJE CHECKED BY: FEL APPROVED BY: MS DATE: JUNE 4, 2019

MOBILE BAY CAUSEWAY ENGINEERING PROJECT
STANDARD DETAILS FOR TRAFFIC CONTROL PLAN
JOB NO.: 19-1101-0076 DRAWING NO.: C714 REVISION NO.: