

VERO

Fiber Networks

ARCATA/SAMOA BEACH FIBER PROJECT

STA: 270+00 TO STA: 282+00

HUMBOLDT BAY HARBOR, RECREATION AND CONSERVATION DISTRICT

MAY 2021

CONTACT LIST:

VERO FIBER NETWORKS (OWNER)
 NATHAN MCGINN OFFICE: (303) 350-4060
 SVP OPERATIONS CELL: (303)475-6159
 P.O. BOX 1110 FAX:
 BOULDER, COLORADO 80302 EMAIL: nmcginn@veronanetworks.com

LIGHTWAVE CONSTRUCTION (CONSTRUCTION CONTRACTOR)
 STEPPEN BEECHER OFFICE:
 OWNER CELL: (916) 515-7968
 5499 DAISY DR. FAX:
 POLLOCK PINES, CA 95726 EMAIL: steppen@lightwaveconstruction.com

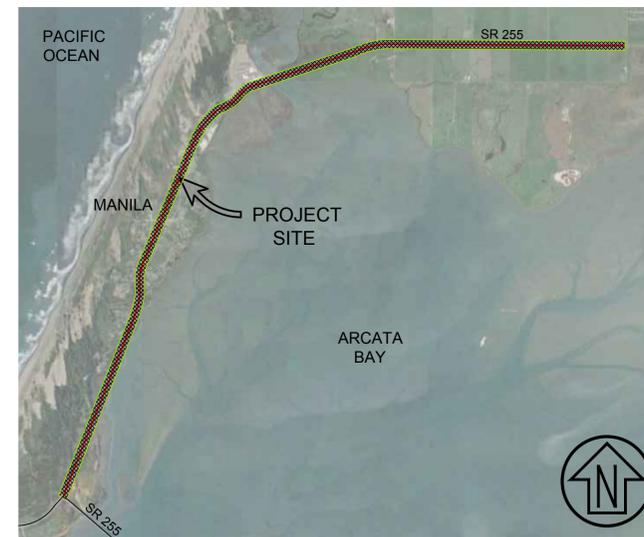
CSW|STUBER-STROEH ENGINEERING GROUP, INC. (ENGINEERING CONSULTANT)
 JULIA HARBERSON OFFICE: (415) 883-9850
 ENGINEERING CONSULTANT CELL: (415) 599-9564
 45 LEVERONI CT FAX:
 NOVATO, CA 94949 EMAIL: juliah@cswest2.com

OVERALL LOCATION MAP



OVERALL LOCATION MAP
SCALE: NTS

LOCATION MAP



LOCATION MAP
SCALE: NTS

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Rev	Date	Description	Designed	Drawn	Checked
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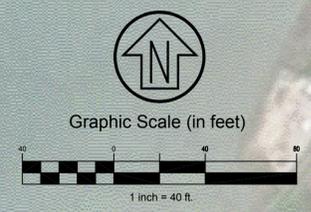


CSW | ST 2
CSW|Stuber-Stroeh Engineering Group, Inc.
 Civil & Structural Engineers | Surveying & Mapping | Environmental Planning
 Land Planning | Construction Management
 45 Leveroni Court tel: 415.883.9850
 Novato, CA 94949 fax: 415.883.9835
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City
 County Humboldt
 State California

ARCATA-SAMOA BEACH FIBER
 COVERSHEET
 VERO FIBER NETWORKS

Prepared Under the Direction of:	Sheet
	G-001
Scale:	
Date:	05/25/21
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CSW | ST 2
CSW/Stuber-Stroeh Engineering Group, Inc.
 Civil & Structural Engineers | Surveying & Mapping | Environmental Planning
 Land Planning | Construction Management
 45 Leveroni Court
 Novato, CA 94949
 tel: 415.883.9850
 fax: 415.883.9835
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ARCATA-SAMOA BEACH FIBER
 SHEET KEY MAP
 VERO FIBER NETWORKS

Prepared Under the Direction of:	Sheet
	G-002
Scale:	1" = 1000'
Date:	05/25/21
Project Number:	1910140
Plan File:	D-XXXX-

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CALTRANS STANDARD SPECIFICATIONS AND DETAILS.
2. ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL AND REGULATORY AGENCIES INCLUDING, BUT NOT LIMITED TO OSHA, ETC. GENERAL NOTES SHALL APPLY TO ALL DRAWINGS.
3. EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. SOME EXISTING UTILITIES MAY NOT BE DEPICTED ON THIS PLAN. USA & POTHOLE TO DETERMINE.
4. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF DRAWINGS TO VERO FIBER NETWORKS WITHIN 7 DAYS OF WORK COMPLETION.
5. APPROXIMATE LOCATIONS OF MANHOLES AND HANDHOLES ARE SHOWN ON THE PLANS. EXACT FINAL LOCATION OF MANHOLES AND HANDHOLES SHALL BE DETERMINED IN THE FIELD AFTER ALL EXISTING UTILITIES IN THE AREA OF WORK HAVE BEEN LOCATED. COORDINATE FINAL LOCATIONS WITH VERO FIBER NETWORKS.

CONSTRUCTION NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE WORK IS STARTED. DEVICES NO LONGER REQUIRED SHALL BE REMOVED AS SOON AS POSSIBLE.
2. PEDESTRIAN TRAFFIC MUST BE MAINTAINED AT ALL TIMES. PEDESTRIANS MAY BE RELOCATED ONTO PRIVATE PROPERTY WITH OWNERS PERMISSION ONLY.
3. NO EQUIPMENT OR MATERIALS SHALL BE STORED OR PERMITTED TO STAND UNPROTECTED WHERE TRAFFIC IS MAINTAINED UNLESS IT IS ALLOWED BY LOCAL JURISDICTION IN WRITING.
4. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON ROAD SURFACE DURING NON-WORKING PERIODS UNLESS IT IS ALLOWED BY LOCAL JURISDICTION IN WRITING.
5. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON SIDEWALK UNLESS IT IS ALLOWED BY LOCAL JURISDICTION IN WRITING.
6. EXCAVATION MATERIAL SHALL BE STORED AWAY FROM THE PAVED ROADWAY WHENEVER POSSIBLE. ALL SPILLED MATERIAL IS TO BE REMOVED TO AVOID SLIPPERY CONDITIONS.
7. EXISTING SIGNS, DELINEATIONS, GUARDRAILS, MARKERS, TREES, SHRUBS, FENCES, WALKS, STEPS, ETC. THAT ARE DISTURBED BY THIS CONSTRUCTION SHALL BE REPLACED OR RESTORED TO THEIR ORIGINAL CONDITION.
8. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES IN AREA OF WORK PRIOR TO CONSTRUCTION. CALL UNDERGROUND SERVICE ALERT (CALIFORNIA, 1-800-227-2600) AT LEAST 48 HRS PRIOR TO START OF CONSTRUCTION ACTIVITIES.
9. CONTRACTOR SHALL HAND DIG AND USE EXTREME CARE WHEN WORKING IN CLOSE PROXIMITY TO EXISTING UTILITIES. CONTRACTOR MUST POTHOLE & EXPOSE EXISTING UTILITIES WHEN NEW CONSTRUCTION CROSSES IT.
10. TRAFFIC SIGNAL DETECTOR LOOP CIRCUITS ARE NOT SHOWN. CONTRACTOR SHALL LOCATE ALL TRAFFIC SIGNAL DETECTOR LOOP CIRCUITS PRIOR TO ANY TRENCHING OR BORING. ALL TRAFFIC LOOP DETECTOR CIRCUITS SHALL BE MAINTAINED AND PROTECTED. NOTIFY TRAFFIC DEPARTMENT 48 HOURS PRIOR TO ANY WORK IN THESE AREAS.
11. THE REMOVAL, STORAGE, AND REPLACEMENT OF ALL SHRUBBERY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR (SUPERVISED BY LIGHTWAVE).
12. CONTRACTOR IS RESPONSIBLE TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE CALIFORNIA DEPARTMENT OF TRANSPORTATION INSPECTORS AT LEAST 72 HOURS BEFORE STARTING WORK. ALL WORK SHALL CONFORM TO CALTRANS STANDARD PLANS AND SPECIFICATIONS.
13. BORING PITS, EXCAVATION AND RESTORATION OF BORING PITS SHALL BE IN ACCORDANCE WITH THE CALTRANS STANDARDS FOR UTILITY EXCAVATIONS AND LOCATED TO THE SATISFACTION OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION ENGINEER & VERO FIBER NETWORKS. ALL WORK SHALL CONFORM TO CALTRANS STANDARD PLANS AND SPECIFICATIONS.
14. DEPTHS OF EXISTING UTILITIES NOT REQUIRED OR AVAILABLE. EXISTING UTILITY LINES SHOWN IN PROFILES INDICATE APPROXIMATE UTILITY LOCATION ALONG THE DUCT. THE CONTRACTOR SHALL POTHOLE TO CONFIRM EACH DEPTH.

SAFETY

1. THE CONTRACTOR IS RESPONSIBLE FOR JOB-SITE SAFETY AND SHALL BE RESPONSIBLE FOR ALL LIABILITY IMPOSED BY LAW FOR PERSONAL INJURY OR PROPERTY DAMAGE WHICH MAY ARISE OUT OF THE WORK PERFORMED UNDER THE ENCROACHMENT PERMIT, OR WHICH MAY ARISE OUT OF THE SAFETY FAILURE ON THE PART OF THE PERMITTEE TO PERFORM HIS OBLIGATIONS UNDER THIS PERMIT IN RESPECT TO MAINTENANCE OF THE ENCROACHMENT.
2. ALL TRAFFIC CONTROL SHALL CONFORM TO THE CURRENT CALIFORNIA DEPARTMENT OF TRANSPORTATION (MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONE) ("MANUAL OF WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAYS").
3. ALL EXCAVATIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH. THE PERMITTEE MAY BE REQUIRED TO OBTAIN A "PERMIT TO EXCAVATE" FROM THE DIVISION OF INDUSTRIAL SAFETY, DEPARTMENT OF INDUSTRIAL RELATIONS, STATE OF CALIFORNIA.
4. CONTRACTOR SHALL FURNISH AND MAINTAIN ALL DEVICES FOR PEDESTRIAN AND VEHICULAR TRAFFIC SAFETY. UNSAFE CONDITIONS MAY BE CORRECTED BY CALTRANS PERSONNEL, (OR AGENTS THEREOF) AND THE PERMITTEE WILL BE BILLED FOR ALL EXPENSES INCURRED, OR COSTS SHALL BE RECOVERED FROM CASH DEPOSITS HELD FOR SUCH PURPOSES.

ADDITIONAL NOTES:

1. ALL WETLANDS SHALL BE IDENTIFIED IN THE FIELD BY A BIOLOGIST PRIOR TO PERFORMING ANY ADJACENT EXCAVATION. INSTALL HIGH VISIBILITY CONSTRUCTION FENCING AROUND IDENTIFIED WETLANDS PRIOR TO COMMENCEMENT OF EXCAVATION.
2. IMPLEMENT ALL AVOIDANCE AND MINIMIZATION MEASURES (AMMS) AND BEST MANAGEMENT PRACTICES AS OUTLINED IN THE BIOLOGICAL ASSESSMENT.
3. EDGE OF TRAVEL WAY (ETW) STRIPING DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTRIPE PER CALTRANS STANDARD PLANS DETAIL 27B.
4. CONTRACTOR SHALL INSTALL HIGH VOLTAGE WARNING INDICATORS, DETAIL AND INTERVAL PER CALTRANS.
5. ALL EXISTING UTILITIES AND HIGHWAY FEATURES MUST BE PROTECTED AND NOT DAMAGED DURING CONSTRUCTION. IF DAMAGE OCCURS FEATURES MUST BE RECONSTRUCTED TO THE SATISFACTION OF CALTRANS.
6. IF BORE PITS LEFT OPEN, STAMPED CALCULATIONS FOR STEEL PLATING MUST BE SUBMITTED AND APPROVED BY CALTRANS.
7. CONTRACTOR SHALL MONITOR FOR SETTLEMENT ALONG THE FH1 ALIGNMENT. IF SETTLEMENT OCCURS, CONTRACTOR SHALL BE RESPONSIBLE FOR REMEDIATION.
8. AS-BUILT LOCATION DATA IS TO BE SUBMITTED TO THE CALTRANS DISTRICT PERMIT ENGINEER BEFORE THE CLOSE OF THE PERMIT. THE LOCATION DATA MUST BE SUBMITTED AS AN ELECTRONIC FILE (DGN FILE FORMAT OR OTHER CALTRANS ACCEPTED CADD FILE FORMAT) TIED TO POINTS THAT ARE COMPATIBLE WITH THE STATES DATUM FOR THE AREA.
9. PROJECT SHALL PERPETUATE EXISTING BENCHMARKS AND MONUMENTATION.

SYMBOLS

EXISTING		PROPOSED
	STREETLIGHT	
	POWER POLE	
	POWER POLE (WITH GUY)	
	STORM DRAINAGE - DROP INLET	
	MANHOLE (DETAIL 1 & 2, SHEET C-501)	
	HANDHOLE (CHRISTY N40 BOX)	
	BORE PIT	
	EXCAVATION LIMIT	
	POTHOLE	

LINETYPES

EXISTING		PROPOSED
	RIGHT OF WAY	
	CENTERLINE	
	ELECTRICAL LINE	
	OVERHEAD UTILITY	
	SANITARY SEWER	
	STORM DRAIN	
	WATER	
	PAVEMENT EDGE	
	WHITE STRIPE	
	ACCESS CONTROLLED RIGHT OF WAY	
	FH1	
	FH2	
	FENCE	
	GATE	
	GUARD RAIL	
	WETLAND	
	WATER	

ABBREVIATIONS

BB	BEGIN BRIDGE	NTS	NOT TO SCALE
		OH	OVERHEAD
BG	BELOW GROUND	PRO	PROPOSED
CL	CENTERLINE / CONTROL LINE	PVC	POLYVINYL CHLORIDE PIPE
DI	DROP INLET	RCP	REINFORCED CONCRETE PIPE
DWY	DRIVEWAY	RW	RIGHT OF WAY
EB	END BRIDGE	SD	STORM DRAIN
EG	EXISTING GRADE	SDCO	STORM DRAIN CLEANOUT
EP	EDGE OF PAVEMENT	SDMH	STORM DRAIN MANHOLE
ETW	EDGE OF TRAVELED WAY	SF	SQUARE FEET
EX	EXISTING	SS	SANITARY SEWER
HDPE	HIGH DENSITY POLYETHYLENE PIPE	SSCO	SANITARY SEWER CLEANOUT
HH	HANDHOLE	SSMH	SANITARY SEWER MANHOLE
INV	INVERT	SW	SIDEWALK
LF	LINEAR FEET	VIF	VERIFY IN FIELD
MH	MANHOLE	WS	WHITE STRIPE
NFIS	NOT FOUND IN SYSTEM (CULVERT INSPECTION PROGRAM/DATABASE)		

QUANTITIES

FH1:
MANHOLES - 2
8" CONDUIT (SDR 13.5) - 804 LF

FH2:
MANHOLES - 4
8" CONDUIT (SDR 13.5) - 794 LF

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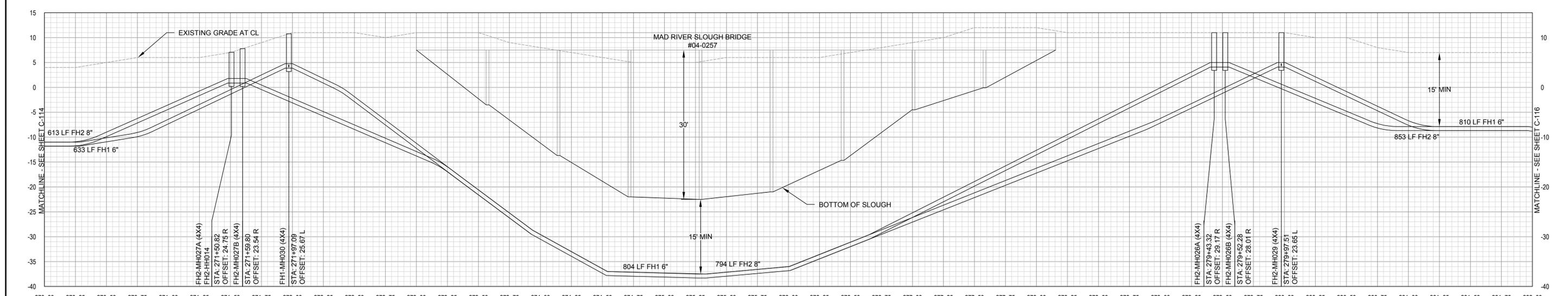
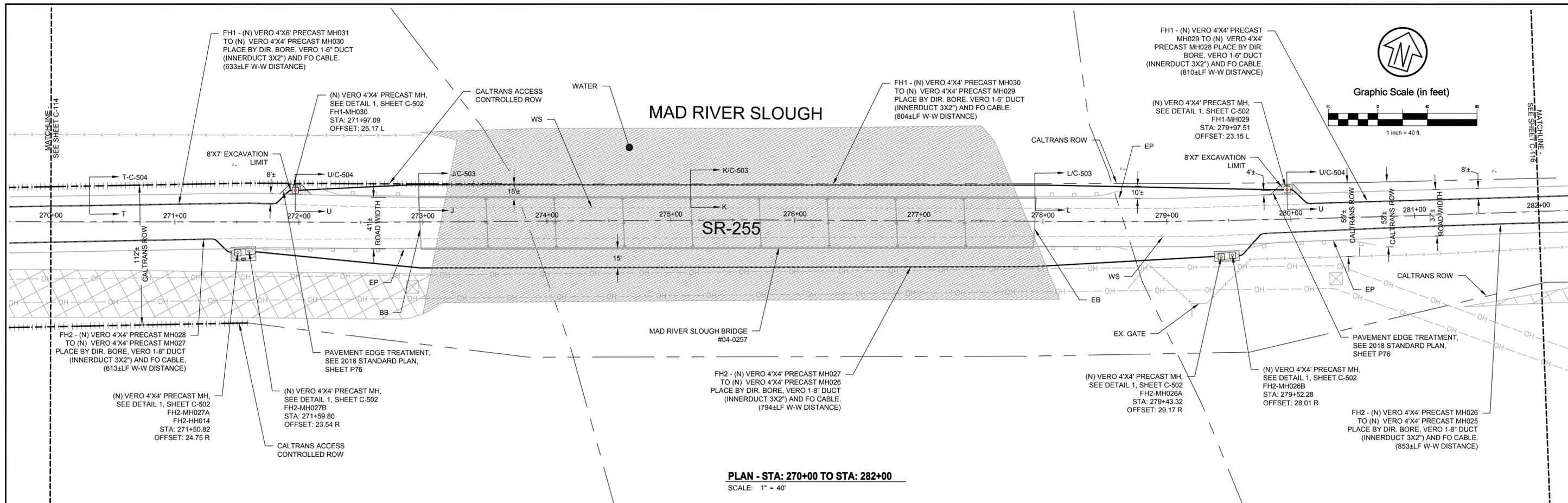
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Civil & Structural Engineers | Surveying & Mapping | Environmental Planning
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45 Leveroni Court
Novato, CA 94949
tel: 415.883.9850
fax: 415.883.9835
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City
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ARCATA-SAMOA BEACH FIBER
NOTES, LEGENDS AND QUANTITIES
VERO FIBER NETWORKS

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		G-003
Scale:		
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Plan File:	D-XXXX-	



NOTES:
ASPHALT APRON WILL BE INSTALLED AROUND ALL MANHOLES, UNLESS OTHERWISE DIRECTED BY CALTRANS INSPECTOR.

LEGEND	
	SECTION/SHEET #
	SECTION

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CONDUIT LAYOUT PLAN & PROFILE
- STA: 270+00 TO STA: 282+00
VERO FIBER NETWORKS

Prepared Under the Direction of: _____

Sheet
C-100

Scale: 1" = 40'
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Project Number: 1910140
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