VERO
Fiber Networks

ARCATA/SAMOA BEACH FIBER PROJECT - PHASE III

STA: 1+00 TO STA: 36+27.97

CITY OF ARCATA

AUGUST 2020

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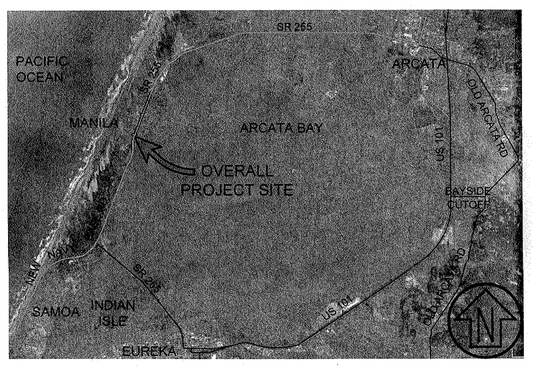
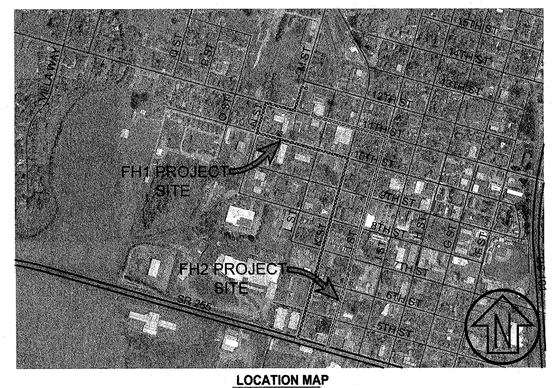
OVERALL LOCATION MAP



OVERALL LOCATION MAP
SCALE: NTS

LOCATION MAP



LOCATION MAP
SCALE: NTS

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COVERSHEET

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State	California

ARCATA-SAMOA BEACH FIBER
COVERSHEET
VERO FIBER NETWORKS

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Sheet
G-001

Scale:	
Date:	08/03/20
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ARCATA-SAMOA BEACH FIBER

SHEET KEY MAP

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G-002

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Date:	08/03/20
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GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CITY OF ARCATA 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 HANDHOLE'S 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 CITY INSPECTORS AT LEAST 72 HOURS BEFORE STARTING WORK.
13. BORING PITS: EXCAVATION AND RESTORATION OF BORING PITS SHALL BE IN ACCORDANCE WITH THE CITY STANDARDS FOR UTILITY EXCAVATIONS AND LOCATED TO THE SATISFACTION OF THE CITY ENGINEER & VERO FIBER NETWORKS.
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 WILL BE CORRECTED BY CITY 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.

SYMBOLS

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

LINETYPES

EXISTING		PROPOSED
	RIGHT OF WAY	
	CENTERLINE	
E	ELECTRICAL LINE	E
OH OH	OVERHEAD UTILITY	OH OH
	PROPERTY / LOT LINE	
SS	SANITARY SEWER	SS
SD	STORM DRAIN	SD
W	WATER	W
	FACE OF CURB	
	FH1	
	FH2	
	BRIDGE	
	WATER	

ABBREVIATIONS

CL	CENTERLINE / CONTROL LINE	SDCO	STORM DRAIN CLEANOUT
DI	DROP INLET	SDMH	STORM DRAIN MANHOLE
DWY	DRIVEWAY	SF	SQUARE FEET
EG	EXISTING GRADE	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	SSCO	SANITARY SEWER CLEANOUT
EX	EXISTING	SSMH	SANITARY SEWER MANHOLE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	SW	SIDEWALK
HH	HANDHOLE	VIF	VERIFY IN FIELD
INV	INVERT		
LF	LINEAR FEET		
MH	MANHOLE		
NTS	NOT TO SCALE		
PRO	PROPOSED		
PVC	POLYVINYL CHLORIDE PIPE		
RCP	REINFORCED CONCRETE PIPE		
RW	RIGHT OF WAY		
SD	STORM DRAIN		

QUANTITIES

FH1:
MANHOLES - 9
6" CONDUIT (SDR 13.5) - 3477 LF
FH2:
MANHOLES - 12
8" CONDUIT (SDR 13.5) - 3815 LF

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City
County: Humboldt
State: California

ARCATA-SAMOA BEACH FIBER
NOTES, LEGENDS AND QUANTITIES
VERO FIBER NETWORKS

Prepared Under the Direction of:
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Sheet
G-003

Scale:	
Date:	08/03/20
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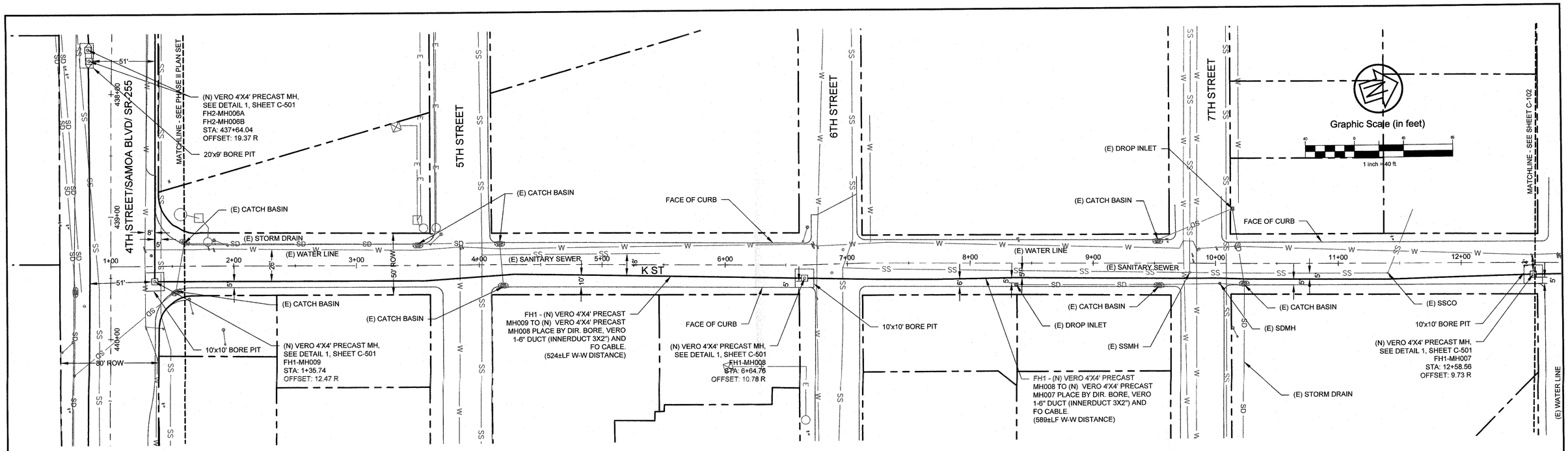
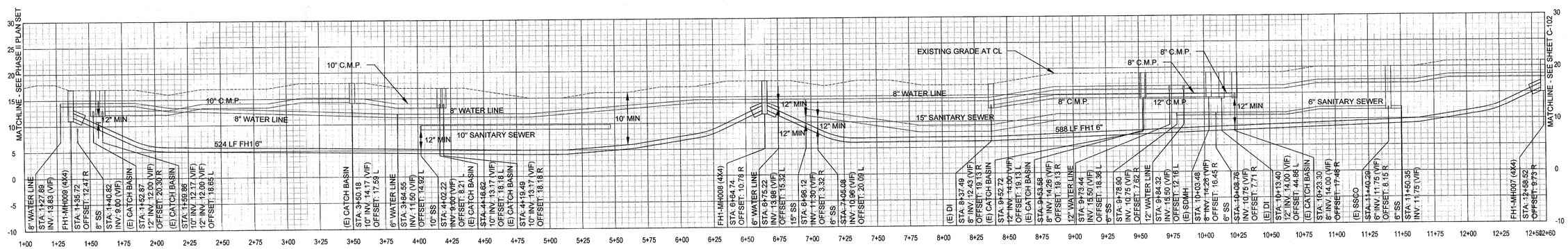


PLAN - FH1 STA: 1+00 TO STA: 12+60

SCALE: 1" = 40'



PROFILE - FH1 - STA 1+00 - 12+60

SCALE: HOR. 1" = 40' VERT. 1" = 10'

NOTES:

1. INSTALL CEMENTITIOUS BACKFILL AROUND CONDUIT WHEN LESS THAN 6 FEET OF COVER IS AVAILABLE. WHEN CEMENTITIOUS BACKFILL IS REQUIRED, IT SHALL BE A CONTROLLED LOW STRENGTH MATERIAL CONSISTENT WITH SECTION 19-3.02G OF THE 2018 STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION. THE MINIMUM COMPRESSIVE STRENGTH SHALL BE 90 PSI.

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ARCATA-SAMOA BEACH FIBER CONDUIT LAYOUT PLAN & PROFILE - STA: 1+00 TO STA: 12+60

VERO FIBER NETWORKS

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REGISTERED PROFESSIONAL ENGINEER JULIA A. HARBERSON No. 76626 CIVIL STATE OF CALIFORNIA

Sheet

C-101

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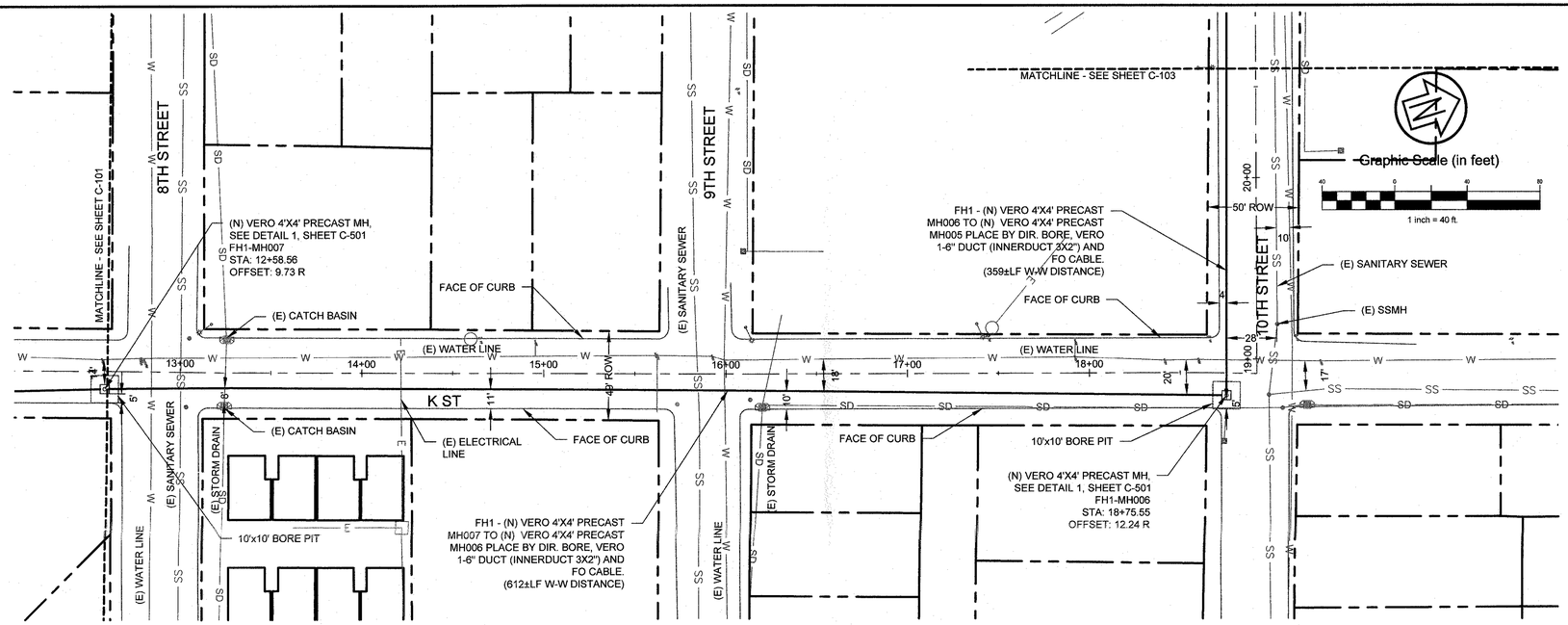

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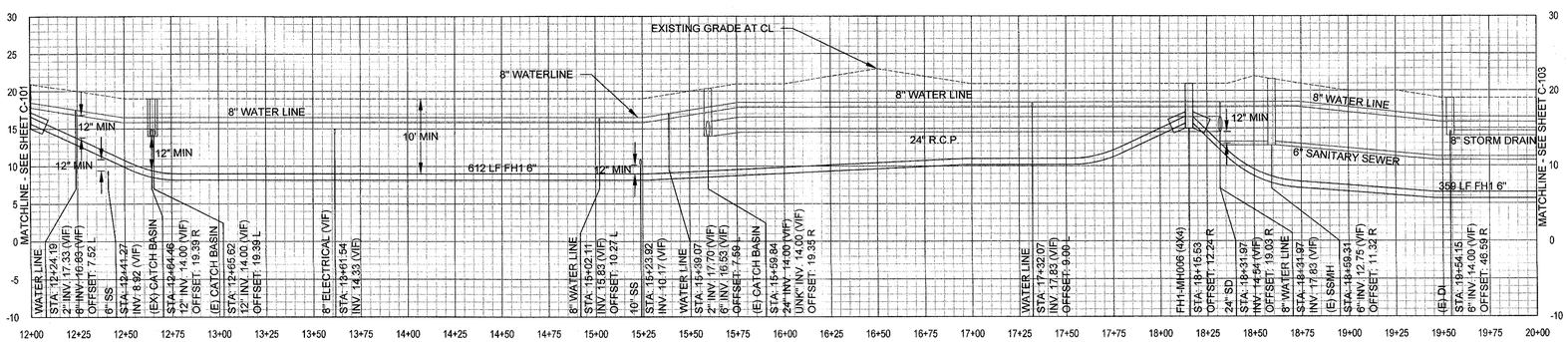

PROFILE - FH1 - STA 12+60 - 20+00

SCALE: HOR. 1" = 40' VERT. 1" = 10'

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ARCATA-SAMOA BEACH FIBER

CONDUIT LAYOUT PLAN & PROFILE - STA: 12+60 TO STA: 20+00

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C-102

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Plan File:	D-XXXX-

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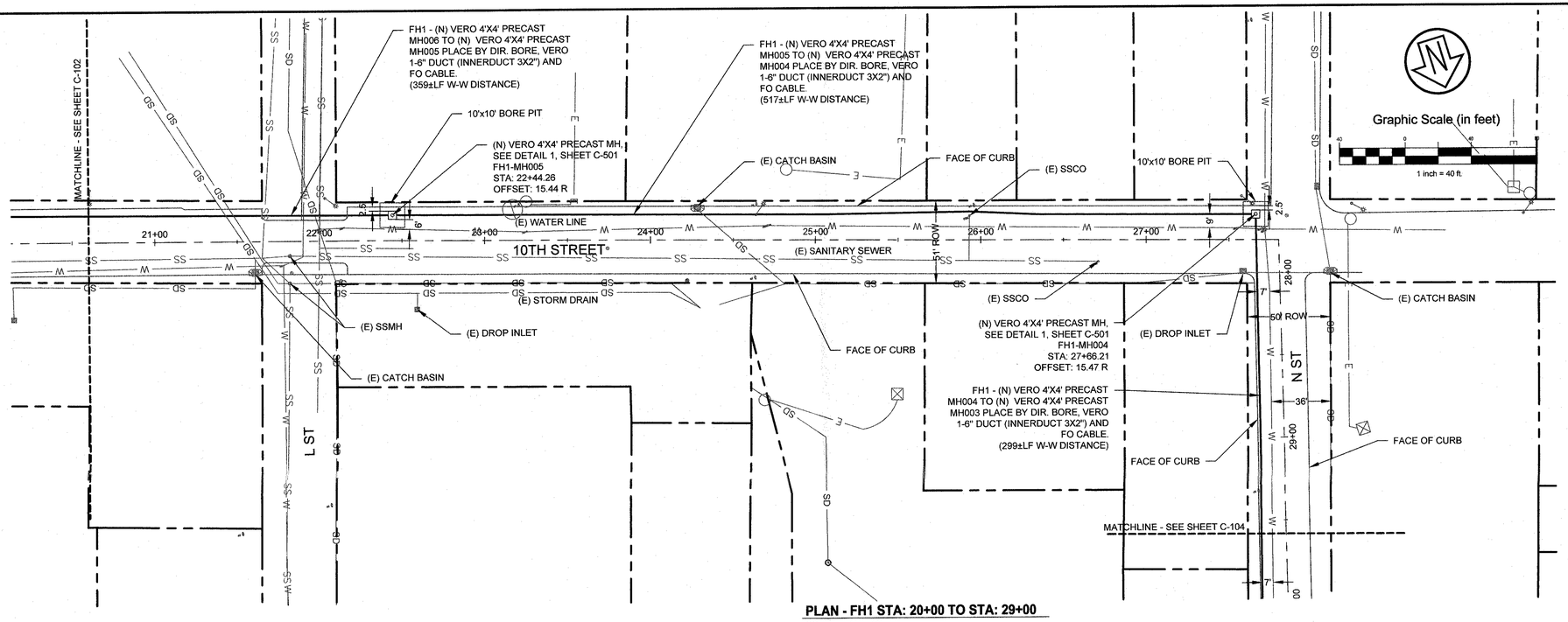

PLAN - FH1 STA: 20+00 TO STA: 29+00

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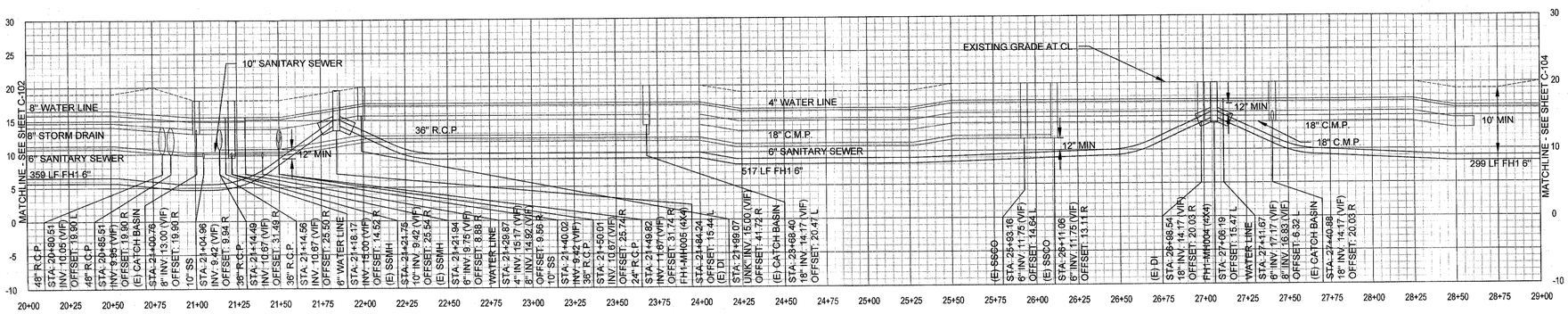

PROFILE - FH1 - STA 20+00 - 29+00

SCALE: HOR. 1" = 40' VERT. 1" = 10'

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C-103

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Date:	08/03/20
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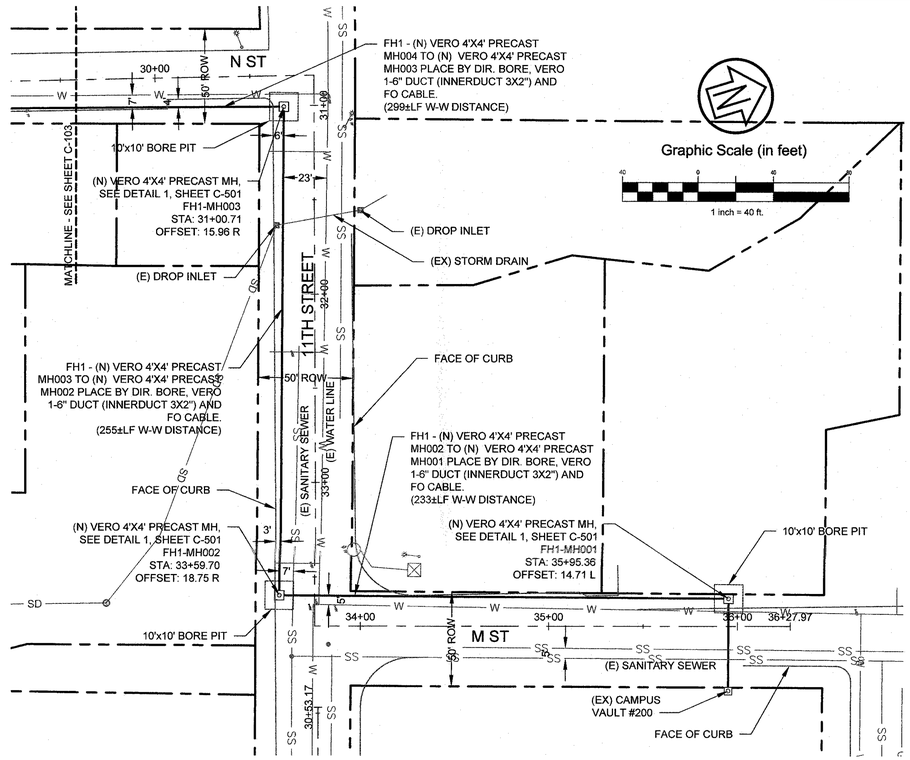

PLAN - FH1 STA: 29+00 TO STA: 35+68

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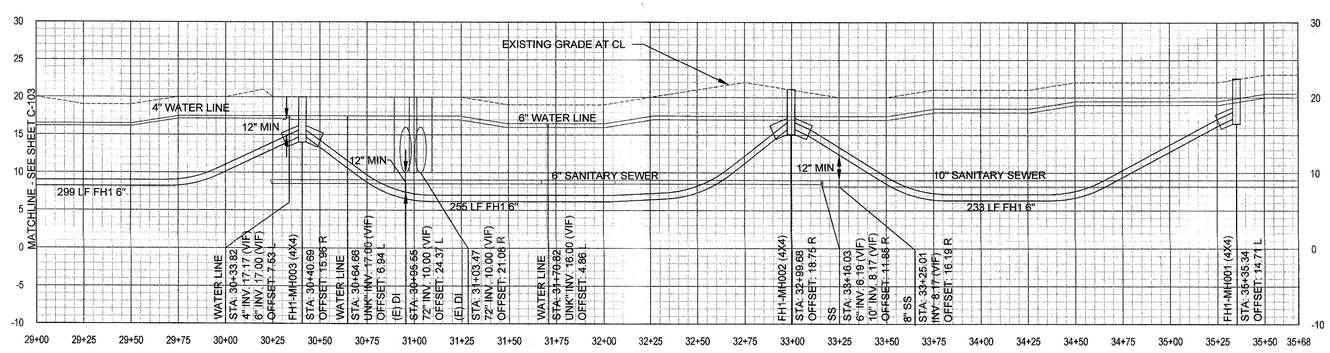

PROFILE - FH1- STA 29+00 - 35+68

SCALE: HOR. 1" = 40' VERT. 1" = 10'

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CONDUIT LAYOUT PLAN & PROFILE - STA: 29+00 TO STA: 35+68

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C-104

Scale:	1" = 40'
Date:	08/03/20
Project Number:	1910140
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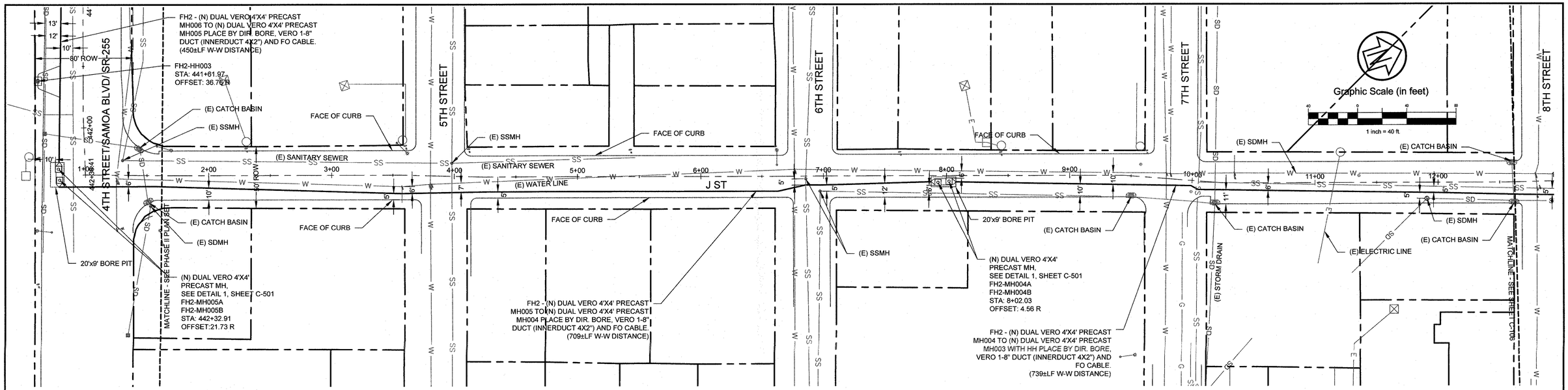
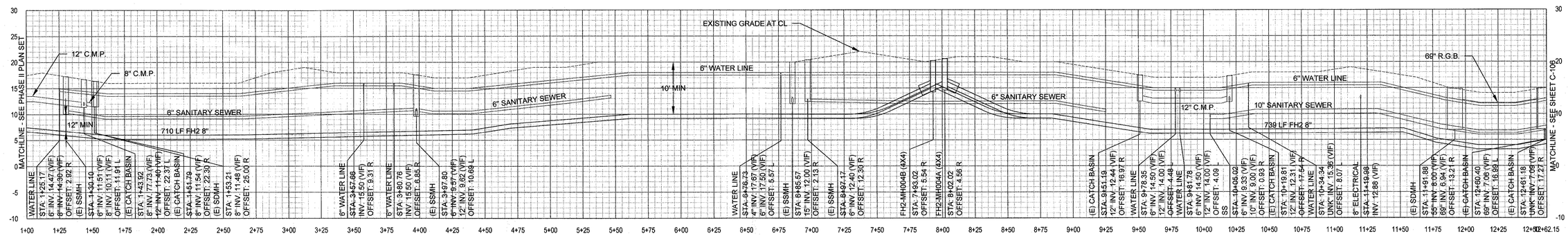


PLAN - FH2 STA: 1+00 TO STA: 12+62.15

SCALE: 1" = 40'



PROFILE - FH2- STA 1+00 - 12+62.15

SCALE: HOR. 1" = 40' VERT. 1" = 10'

NOTES:

1. INSTALL CEMENTITIOUS BACKFILL AROUND CONDUIT WHEN LESS THAN 6 FEET OF COVER IS AVAILABLE. WHEN CEMENTITIOUS BACKFILL IS REQUIRED, IT SHALL BE A CONTROLLED LOW STRENGTH MATERIAL CONSISTENT WITH SECTION 19-3.02G OF THE 2018 STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION. THE MINIMUM COMPRESSIVE STRENGTH SHALL BE 90 PSI.

Rev	Date	Description	Designed	Drawn	Checked
-	08/03/20	SUBMITTAL	JAH	FAV	BRB

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ARCATA-SAMOA BEACH FIBER CONDUIT LAYOUT PLAN & PROFILE - STA: 1+00 TO STA: 12+62.15

VERO FIBER NETWORKS

Prepared Under the Direction of:

REGISTERED PROFESSIONAL ENGINEER
JULIA A. HARBERSON
No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet

C-105

Scale:	1" = 40'
Date:	08/03/20
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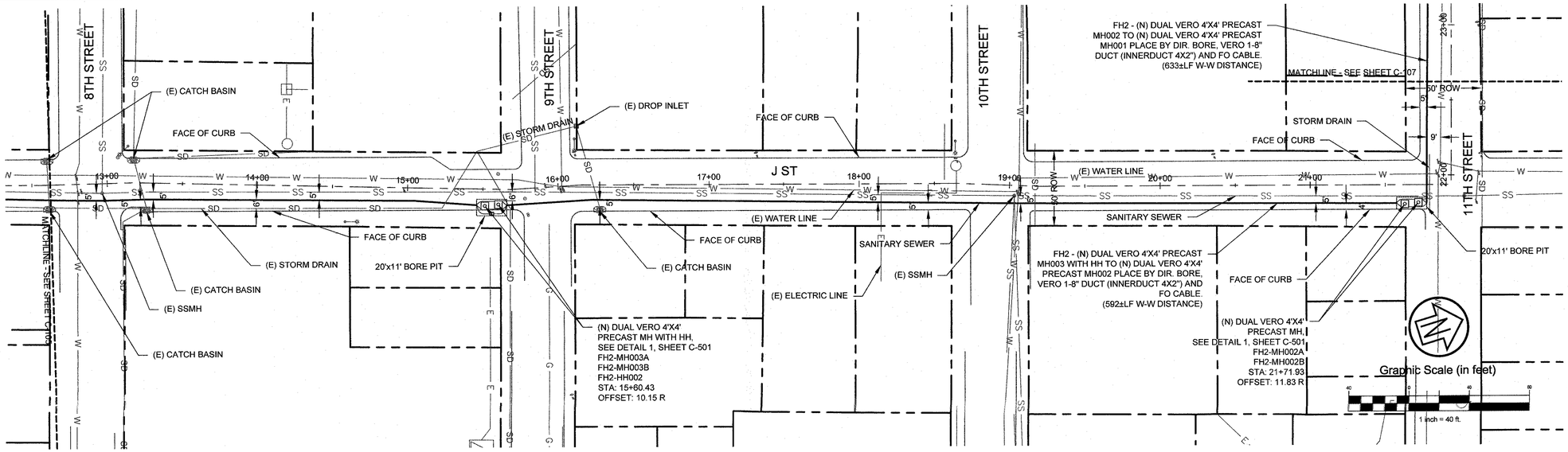
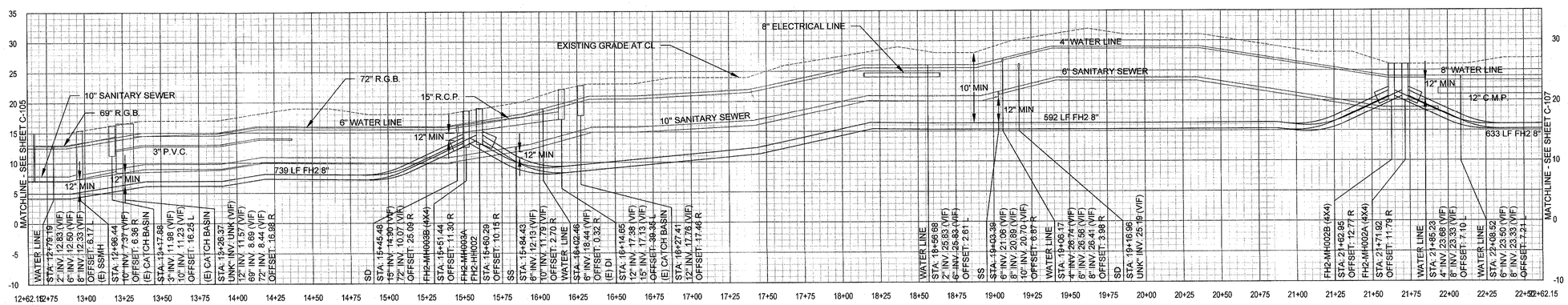


PLAN - FH2 STA: 12+62.15 TO STA: 22+62.15

SCALE: 1" = 40'



PROFILE - FH2 - STA 12+62.15 TO 22+62.15

SCALE: HOR. 1" = 40' VERT. 1" = 10'

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CIVIL
STATE OF CALIFORNIA

Sheet C-106

Scale:	1" = 40'
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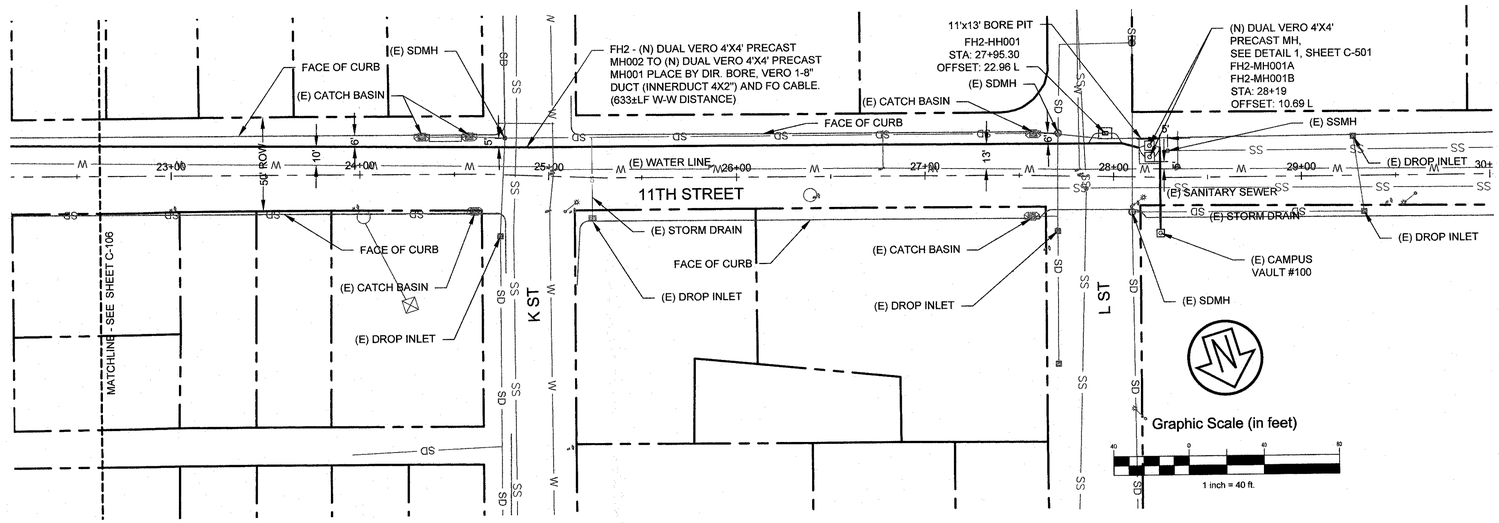
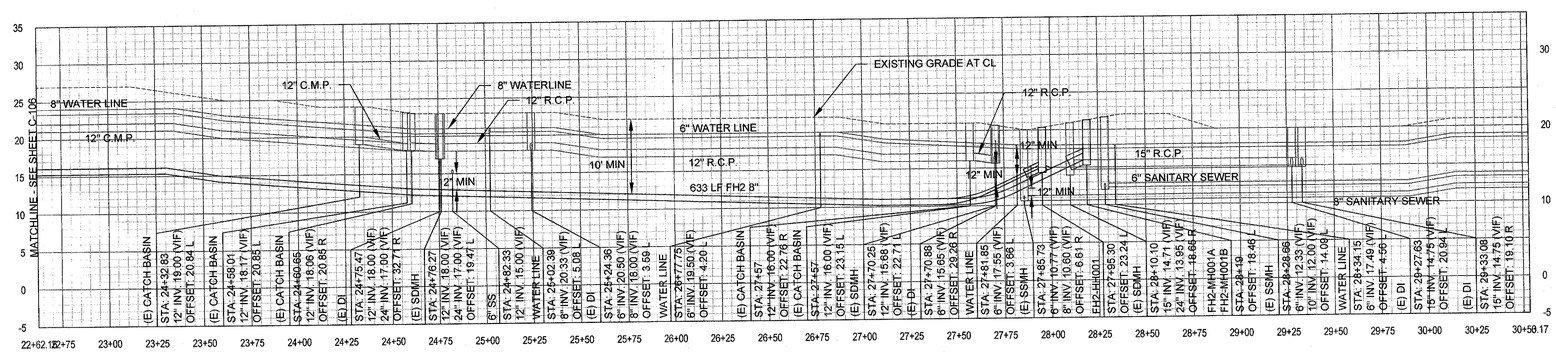


PLAN - FH2 STA: 22+62.15TO STA: 30+53.17

SCALE: 1" = 40'



PROFILE - FH2 - STA 22+62.15 -30+53.17

SCALE: HOR. 1" = 40' VERT. 1" = 10'

NOTES:

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CONDUIT LAYOUT PLAN & PROFILE - STA: 22+62.15 TO STA: 30+53.17

VERO FIBER NETWORKS

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CIVIL
STATE OF CALIFORNIA

Sheet

C-107

Scale:	1" = 40'
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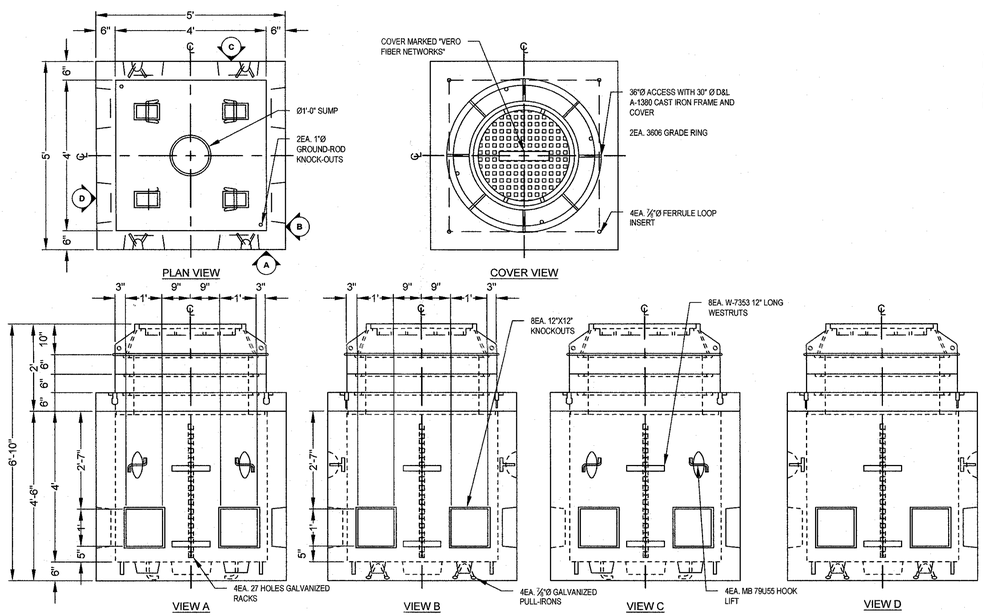

VAULTS AND MANHOLES TO BE LABELED WITH "VERO FIBER NETWORKS"

ALL VAULT COVERS SHALL HAVE PROVISIONS TO RECEIVE LOCKING SECURITY BOLTS. SECURITY BOLTS WILL BE FURNISHED BY VERO.

STRUCTURAL NOTES:
LOADS:
- H10 TRAFFIC
- MAXIMUM SOIL COVER: 0FT
- 150 PCF CONCRETE DENSITY; 120 PCF SOIL DENSITY
- H20 SURCHARGE: 2 FT ABOVE FILL TO 8 FT BELOW GRADE
- DRY SOIL LATERAL LOAD - 40 PCF
- WET SOIL LATERAL LOAD - 80 PCF
- WATER TABLE - BELOW VAULT

DESIGN SPECIFICATIONS:
- AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES"
- ACI-318-11 BUILDING CODE
- ASTM C857 MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES

MATERIALS:
- CONCRETE - 28 DAY COMPRESSIVE STRENGTH f'c=6000 PSI
- REBAR - ASTM A705 GRADE 60
- CEMENT - ASTM C150
- FLYASH - ASTM C518

GENERAL NOTES:
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND OPENING LOCATIONS
2. REBAR MAY BE TACK WELDED OR TIED
3. TOLERANCES PER ASTM C858 STANDARD SPECIFICATION FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES

WEIGHTS/ CONCRETE YD^3

SECTION	WEIGHT	CYD
TOP SLAB	805 LBS	0.195 CYD
VAULT	7,420 LBS	1.796 CYD
TOTAL	8,225 LBS	1.991 CYD

1 **VERO PRECAST 4'x4' MANHOLE**
SCALE: 1" = 2'

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ARCATA-SAMOA BEACH FIBER

CONSTRUCTION DETAILS

VERO FIBER NETWORKS

Prepared Under the Direction of:
REGISTERED PROFESSIONAL ENGINEER
Julia A. Harberson
JULIA A. HARBERSON
No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet
C-501

Scale:	1" = 40'
Date:	08/03/20
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Plan File:	D-XXXX-

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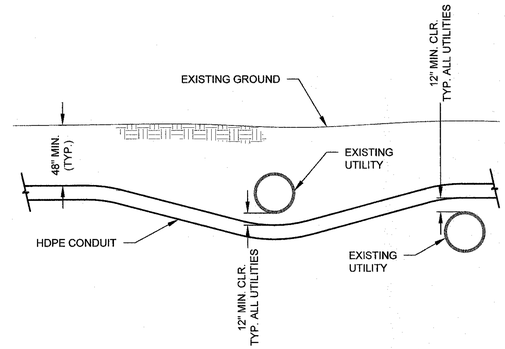
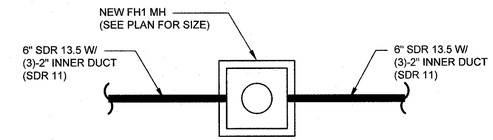
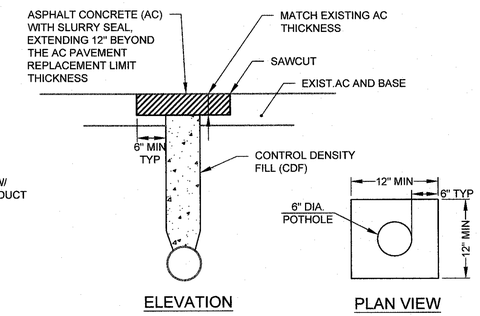


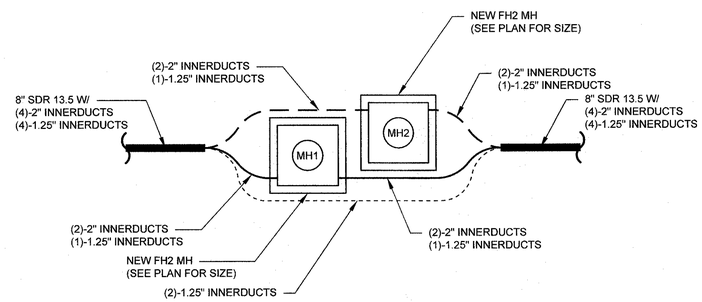
A TYPICAL UTILITY CROSSING DETAIL
SCALE: 1" = 5'



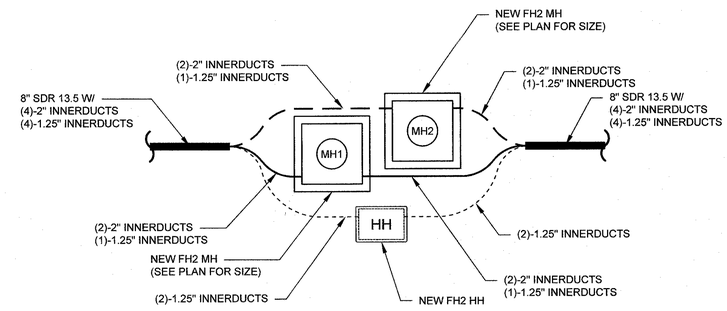
B TYPICAL CONDUIT ROUTING - FH1
SCALE: 1" = 5'



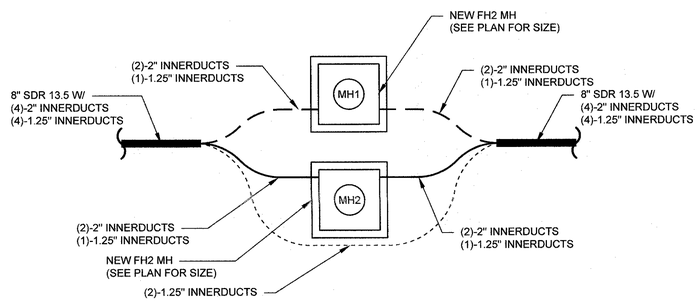
C TYPICAL POTHOLE REPAIR
SCALE: 1" = 5'



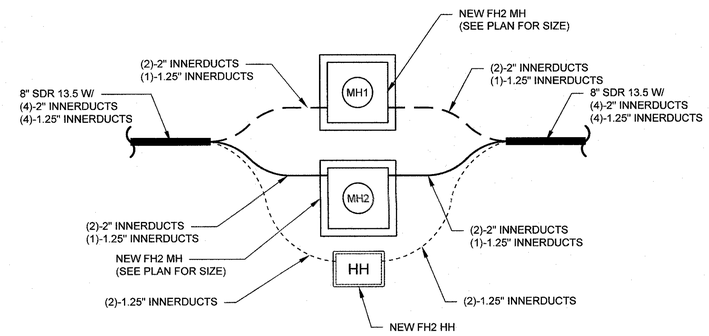
MANHOLES IN SERIES



MANHOLES IN SERIES WITH HANDHOLD



MANHOLES IN PARALLEL



MANHOLES IN PARALLEL WITH HANDHOLD

D TYPICAL CONDUIT ROUTING - FH2
SCALE: 1" = 5'

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ARCATA-SAMOA BEACH FIBER

CONSTRUCTION DETAILS

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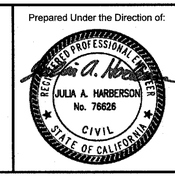

Sheet
C-502

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- TABLE 6C-1 -
RECOMMENDED ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS*		
	A	B	C
URBAN - 25 MPH OR LESS	100 FEET	100 FEET	100 FEET
URBAN - MORE THAN 25 MPH TO 40 MPH	250 FEET	250 FEET	250 FEET
URBAN - MORE THAN 40 MPH	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY / FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

** THE COLUMN HEADINGS A,B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-46.
THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN.
THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.
THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. (THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO THE TTC ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TTC ZONE.)

- TABLE 6C-3 -

SPEED* S (mph)	MINIMUM TAPER LENGTH** FOR WIDTH OF OFFSET 12FT (W)			
	MERGING L (ft)	SHIFTING L/2 (ft)	SHOULDER L/3 (ft)	DOWN STREAM (ft)***
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50
75	900	450	300	50

*POSTED SPEED, OFF-PEAK 85TH PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH.

**FOR OTHER OFFSETS USE THE FOLLOWING MERGING TAPER LENGTH FORMULA FOR L:
FOR SPEEDS OF 65 KM/H (40 MPH) OR LESS, L=WSS/155 (L=WSS/60)
FOR SPEEDS OF 70 KM/H (45 MPH) OR LESS, L=WS/1.6 (L=WS)
ON STATE HIGHWAYS USE TRAFFIC CONTROL SYSTEMS IN THE CALTRANS STANDARD PLANS.

WHERE: L =TAPER LENGTH IN FEET.
W =WIDTH OF OFFSET IN FEET.
S =POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH.

***MAXIMUM DOWNSTREAM TAPER LENGTH IS 100 FEET. SEE SECTION 6C.08.

BICYCLE CONSIDERATIONS:

1. A TRAVEL ROUTE THAT REPLICATES THE MOST DESIRABLE CHARACTERISTICS OF A WIDE PAVED SHOULDER OR BIKEWAY THROUGH OR AROUND THE TRAFFIC CONTROL ZONE IS DESIRABLE FOR BICYCLISTS.

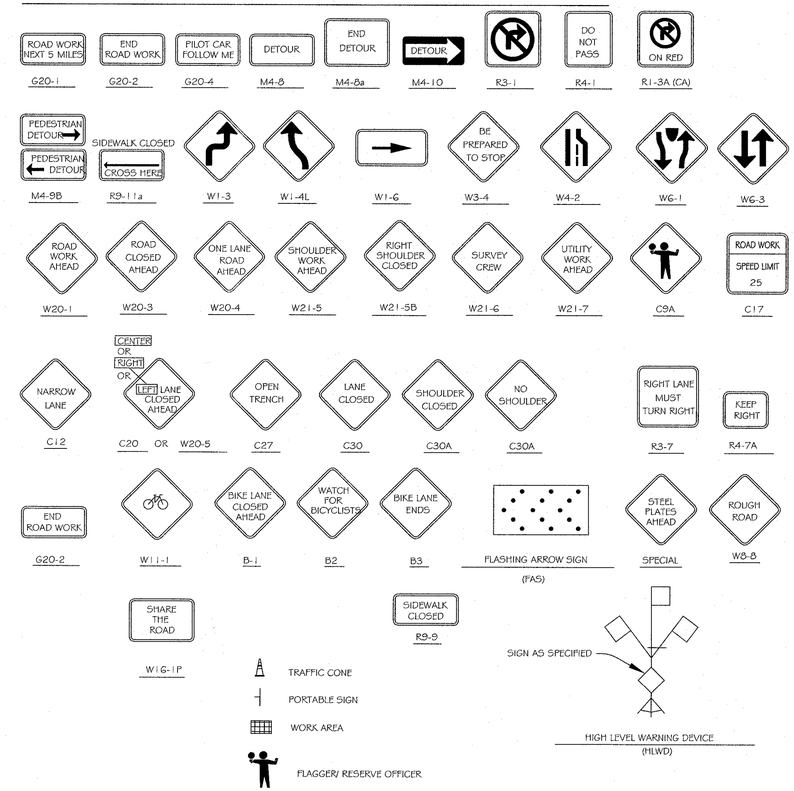
2. IF THE TRAFFIC CONTROL ZONE INTERRUPTS THE CONTINUITY OF AN EXISTING BIKEWAY SYSTEM, SIGNS DIRECTING BICYCLISTS THROUGH OR AROUND THE ZONE AND BACK TO THE BIKEWAY IS DESIRABLE.

3. UNLESS A SEPARATE BIKE PATH THROUGH OR AROUND THE TRAFFIC CONTROL ZONE IS PROHIBITED, ADEQUATE ROADWAY LANE WIDTH TO ALLOW BICYCLISTS AND MOTOR VEHICLES TO TRAVEL SIDE BY SIDE THROUGH OR AROUND THE WORK ZONE IS DESIRABLE.

4. BICYCLISTS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC, WORK SITE VEHICLES, OR EQUIPMENT MOVING THROUGH OR AROUND THE TRAFFIC CONTROL ZONE.

5. THE B1 AND B3 SIGNS DO NOT NEED TO BE USED IF A 4' WIDTH BIKE LANE CAN BE PROVIDED AS SHOWN BELOW.

CALIFORNIA CURRENT UNIFORM SIGN CHART



REQUIREMENTS/STANDARDS

CALTRANS STANDARD PLAN & SPECIFICATIONS, CURRENT EDITION.
CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

WORK HOURS

9:00AM TO 3:00PM (MON-FRI)

MAINTAIN 2-WAY TRAFFIC AT ALL TIMES (ONE LANE EACH DIRECTION)

MAINTAIN ACCESS TO ALL DRIVEWAYS UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE WITH PROPERTY OWNER.

TRAFFIC CONTROLS SHALL BE MONITORED AND MAINTAINED

POST "NO PARKING" SIGNS 72 HRS. IN ADVANCED OF ANY CONSTRUCTION

MAINTAIN PEDESTRIAN, D/W AND DISABLED ACCESS AT ALL TIMES!

Rev	Date	Description	Designed	Drawn	Checked
-	08/03/20	SUBMITTAL	JAH	FAV	BRB

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State: California

ARCATA-SAMOA BEACH FIBER
TRAFFIC CONTROL PLAN
VERO FIBER NETWORKS

Prepared Under the Direction of:
REGISTERED PROFESSIONAL ENGINEER
JULIA A. HARBERSON
No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet C-701
Scale:
Date: 08/03/20
Project Number: 1910140
Plan File: D-XXXX-

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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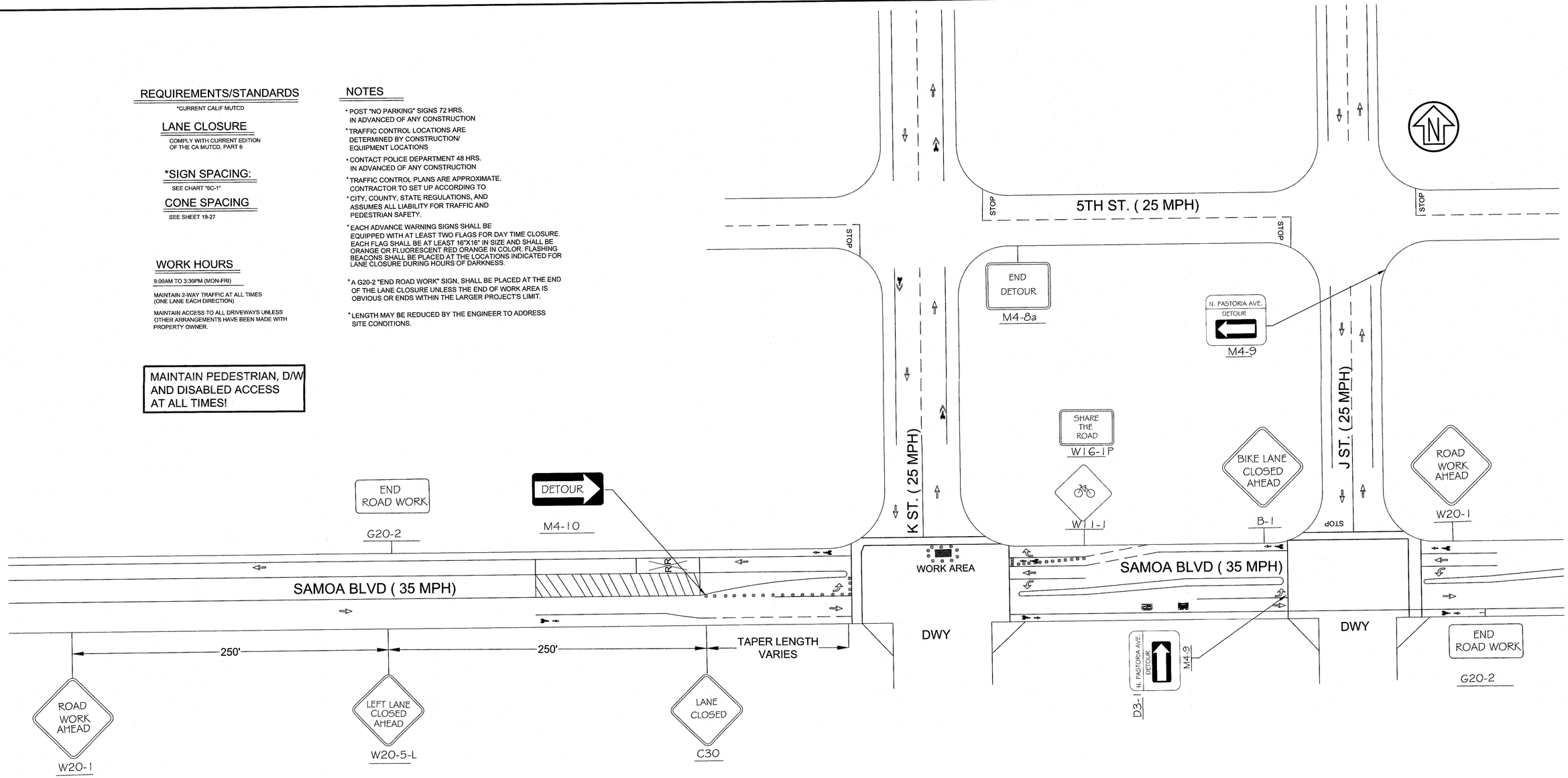
MAINTAIN PEDESTRIAN, D/W AND DISABLED ACCESS AT ALL TIMES!

NOTES

* POST "NO PARKING" SIGNS 72 HRS. IN ADVANCED OF ANY CONSTRUCTION
* TRAFFIC CONTROL LOCATIONS ARE DETERMINED BY CONSTRUCTION/ EQUIPMENT LOCATIONS
* CONTACT POLICE DEPARTMENT 48 HRS. IN ADVANCED OF ANY CONSTRUCTION
* TRAFFIC CONTROL PLANS ARE APPROXIMATE. CONTRACTOR TO SET UP ACCORDING TO
* CITY, COUNTY, STATE REGULATIONS, AND ASSUMES ALL LIABILITY FOR TRAFFIC AND PEDESTRIAN SAFETY.
* EACH ADVANCE WARNING SIGNS SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS FOR DAY TIME CLOSURE. EACH FLAG SHALL BE AT LEAST 16"X16" IN SIZE AND SHALL BE ORANGE OR FLUORESCENT RED ORANGE IN COLOR. FLASHING BEACONS SHALL BE PLACED AT THE LOCATIONS INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
* A G20-2 "END ROAD WORK" SIGN, SHALL BE PLACED AT THE END OF THE LANE CLOSURE UNLESS THE END OF WORK AREA IS OBVIOUS OR ENDS WITHIN THE LARGER PROJECT'S LIMIT.
* LENGTH MAY BE REDUCED BY THE ENGINEER TO ADDRESS SITE CONDITIONS.



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ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH1

VERO FIBER NETWORKS

Prepared Under the Direction of:

REGISTERED PROFESSIONAL ENGINEER
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No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet

C-702

Scale:	1"=40'
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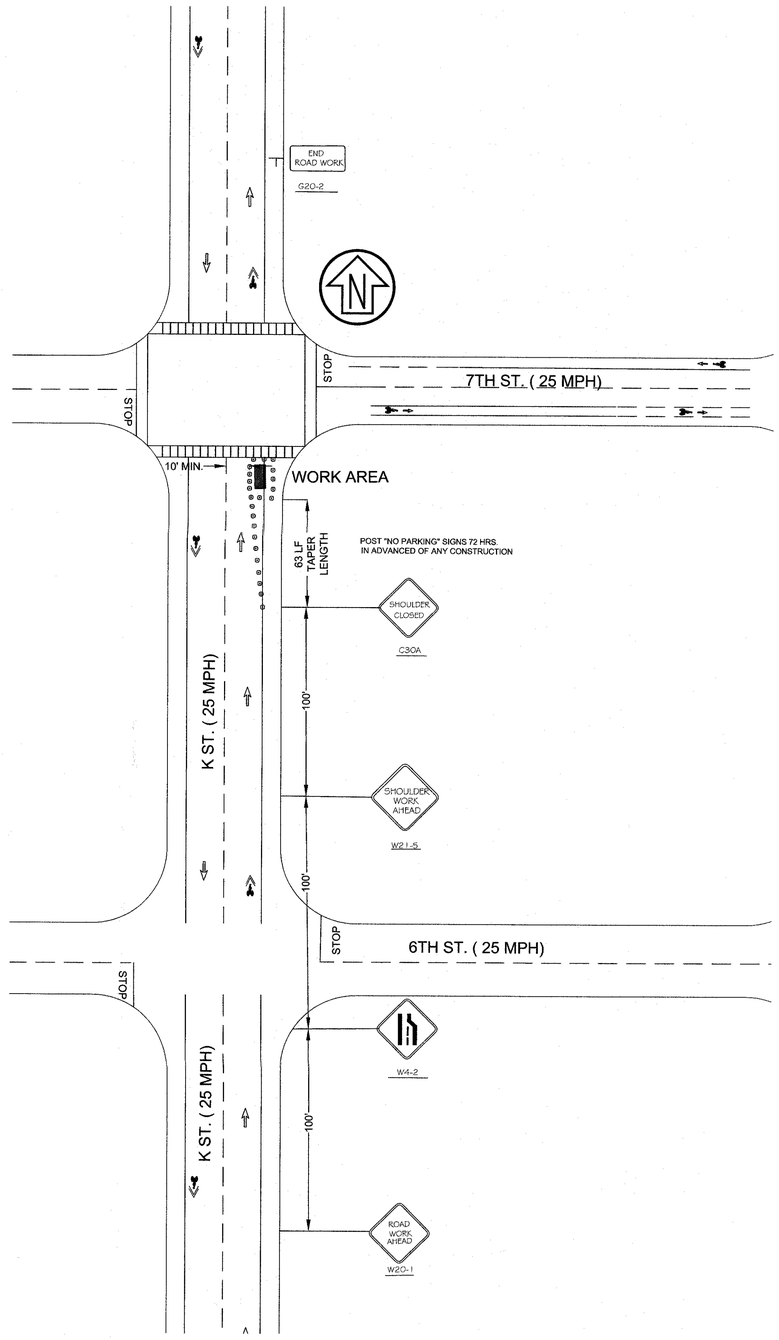

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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MAINTAIN PEDESTRIAN, D/W AND DISABLED ACCESS AT ALL TIMES!

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* LENGTH MAY BE REDUCED BY THE ENGINEER TO ADDRESS SITE CONDITIONS.

Rev	Date	Description	Designed	Drawn	Checked
-	08/03/20	SUBMITTAL	JAH	FAV	BRB

VERO Fiber Networks

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County	Humboldt
State	California

ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH1

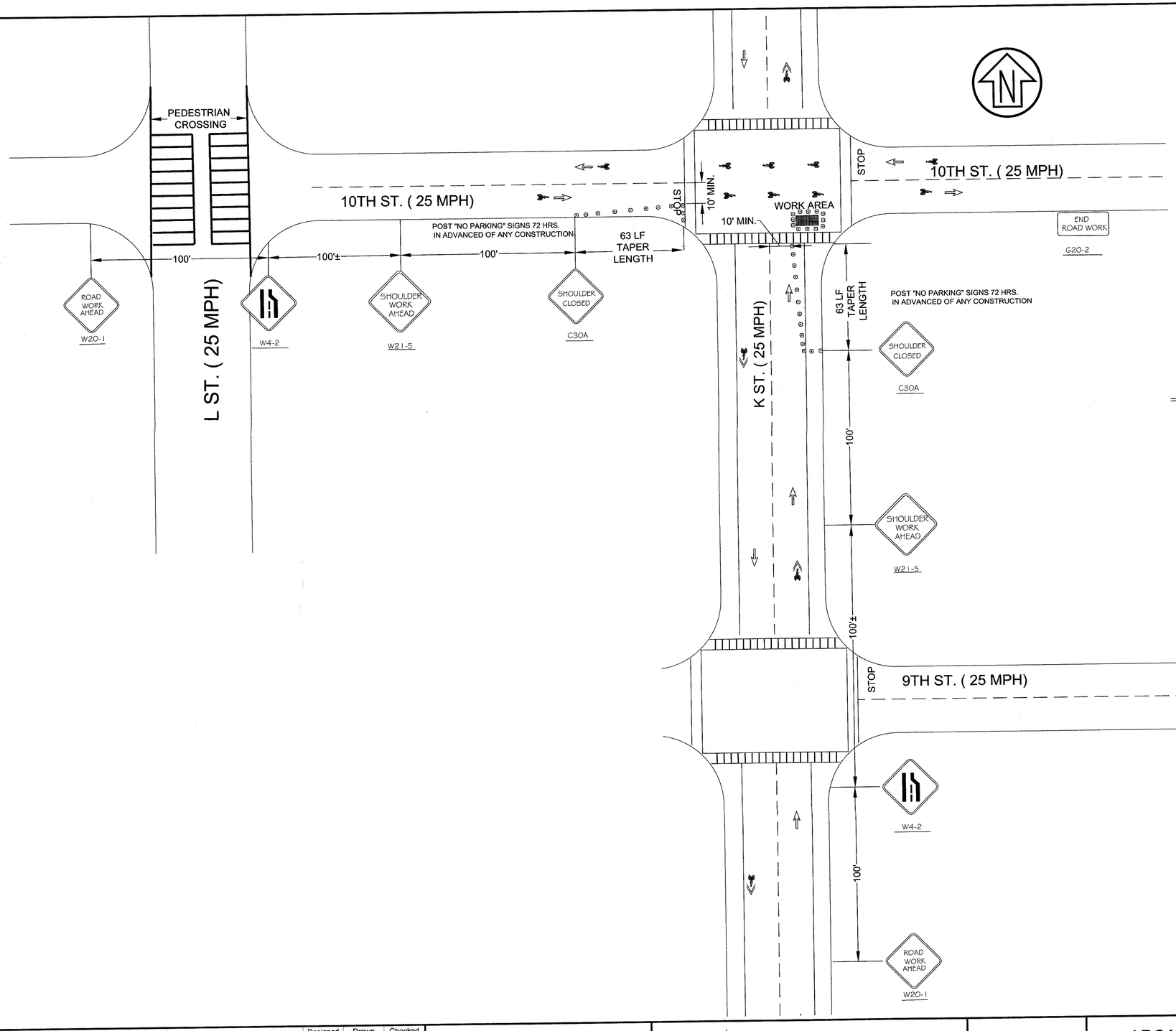
VERO FIBER NETWORKS

Prepared Under the Direction of:

REGISTERED PROFESSIONAL ENGINEER
JULIA A. HARBERSON
No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet
C-703

Scale:	1"=40'
Date:	08/03/20
Project Number:	1910140
Plan File:	D-XXXX-



REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

WORK HOURS

9:00AM TO 3:30PM (MON-FRI)

MAINTAIN 2-WAY TRAFFIC AT ALL TIMES (ONE LANE EACH DIRECTION)

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ARCATA-SAMOA BEACH FIBER

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STATE OF CALIFORNIA

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C-704

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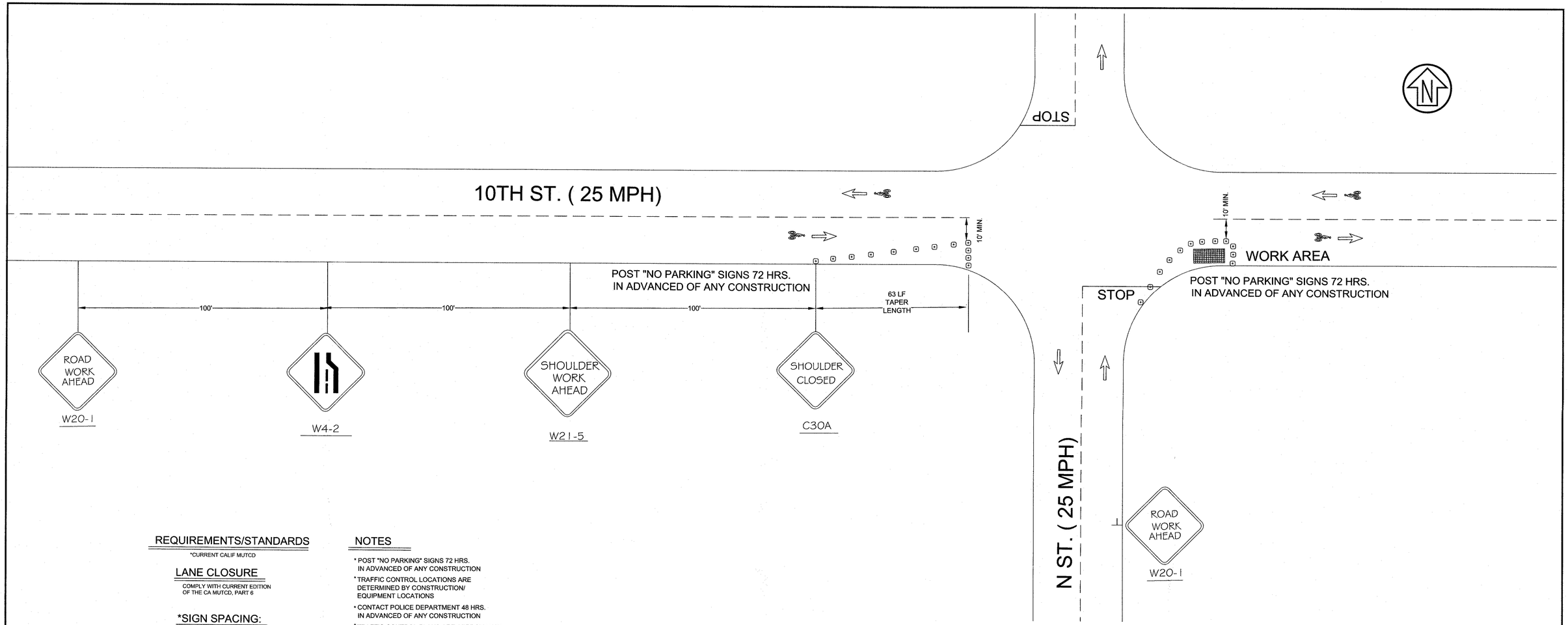

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH1

VERO FIBER NETWORKS

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STATE OF CALIFORNIA

Sheet
C-705

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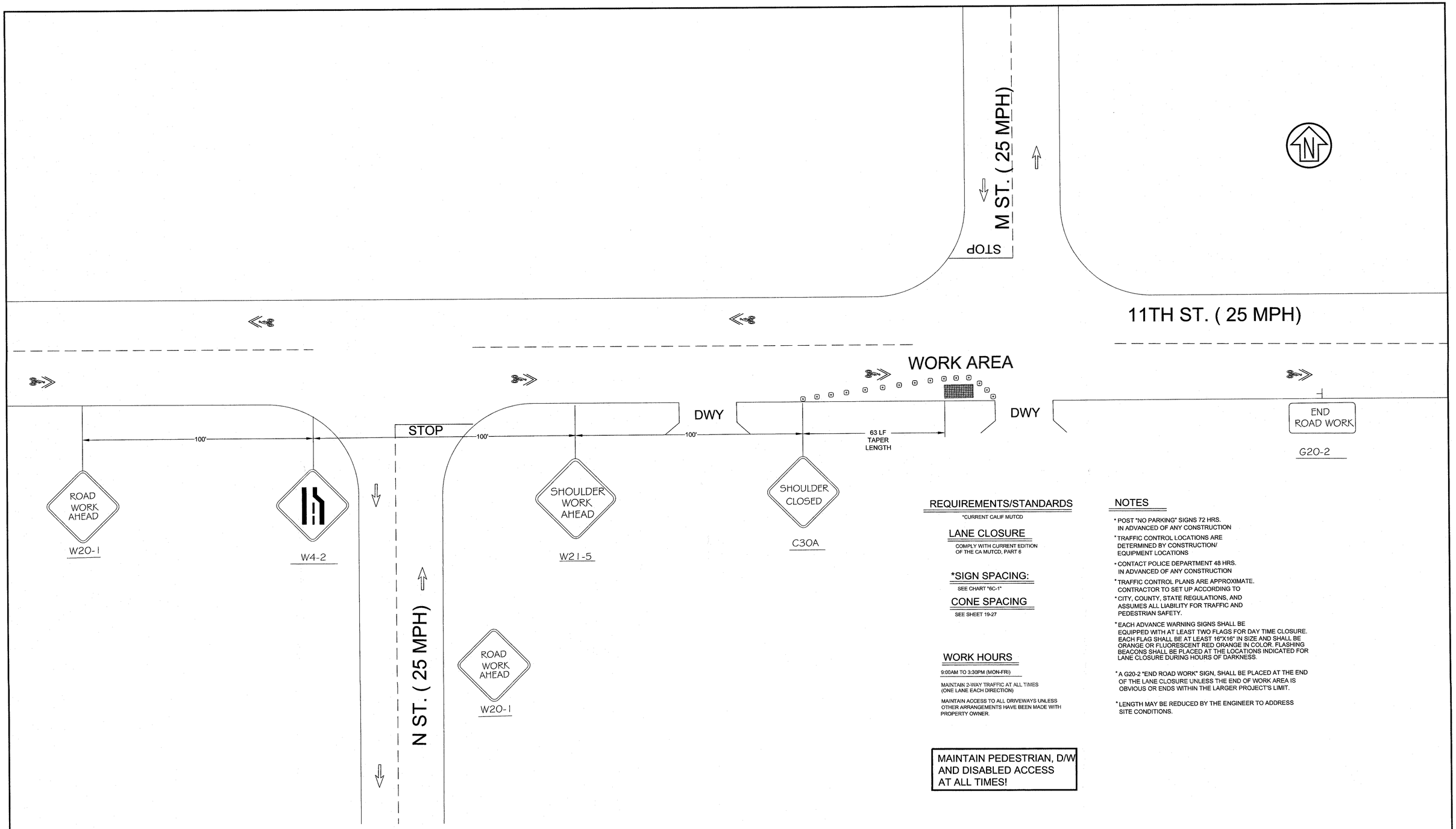

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH1

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STATE OF CALIFORNIA

Sheet
C-706

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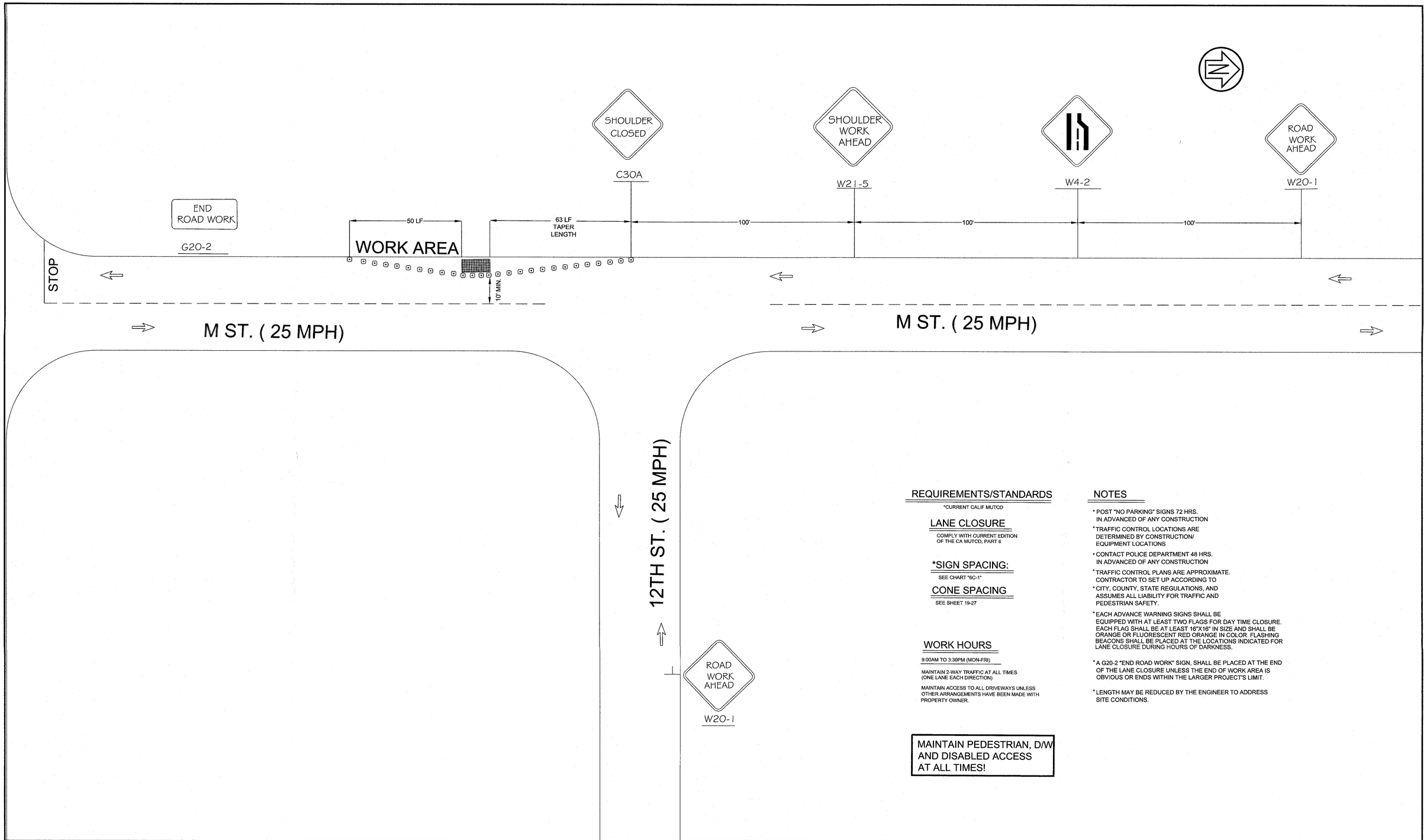

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART *6C-1*

CONE SPACING

SEE SHEET 19-27

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State	California

ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH1

VERO FIBER NETWORKS

Prepared Under the Direction of:

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No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet
C-707

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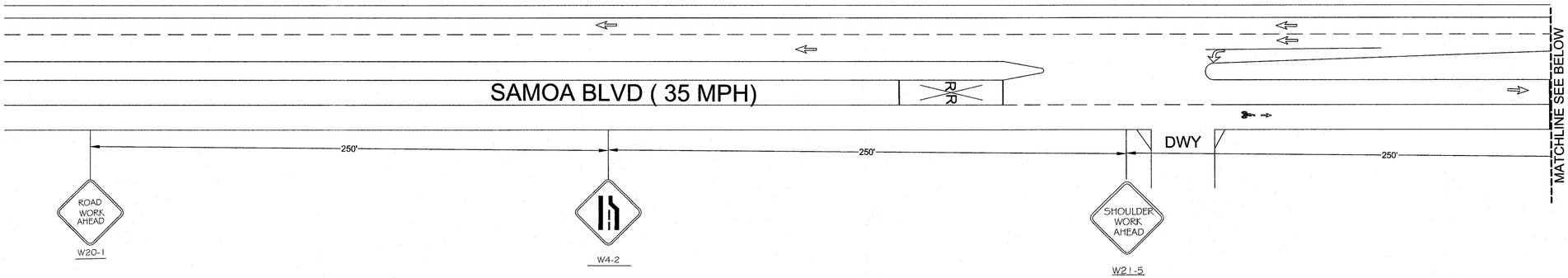

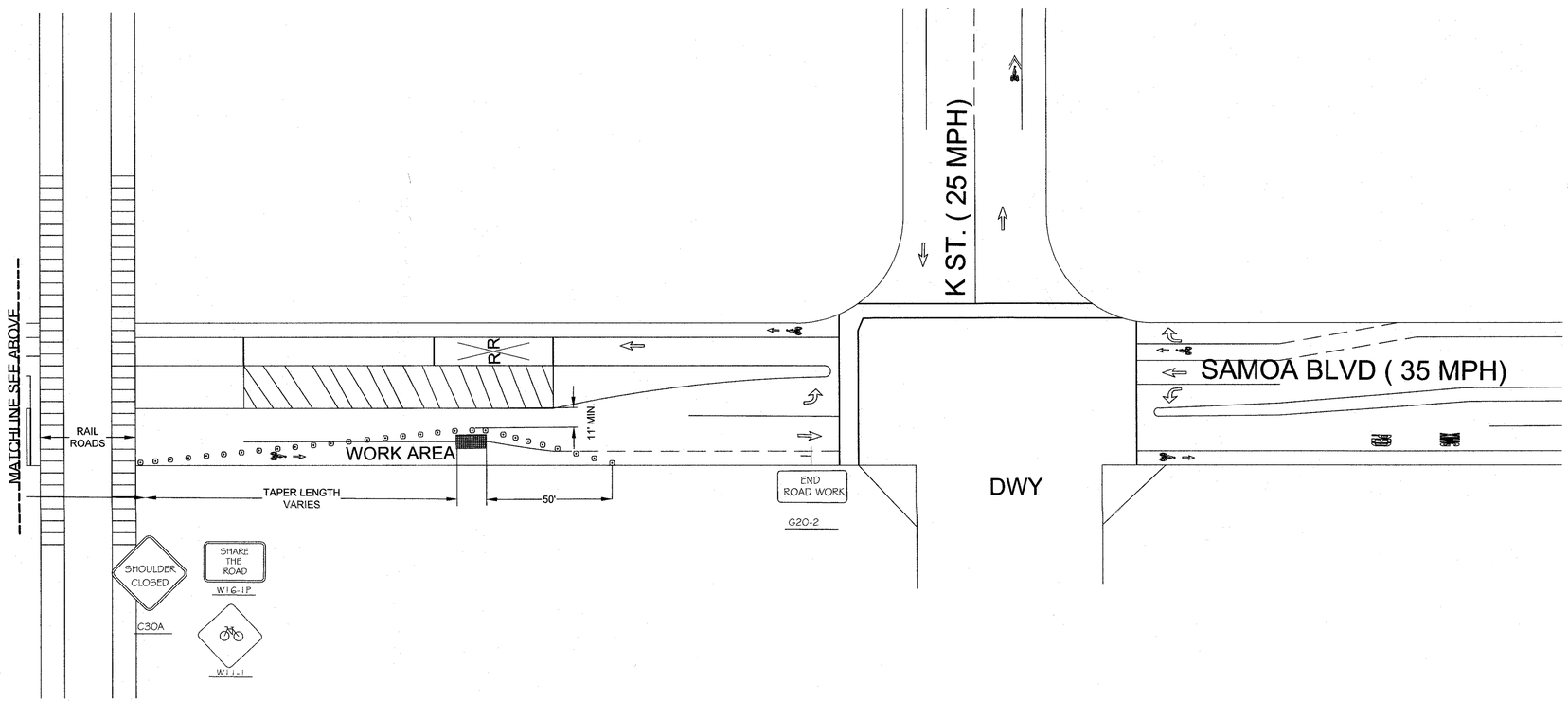

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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State	California

ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH2

VERO FIBER NETWORKS

Prepared Under the Direction of:

REGISTERED PROFESSIONAL ENGINEER
JULIA A. HARBERSON
No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet
C-708

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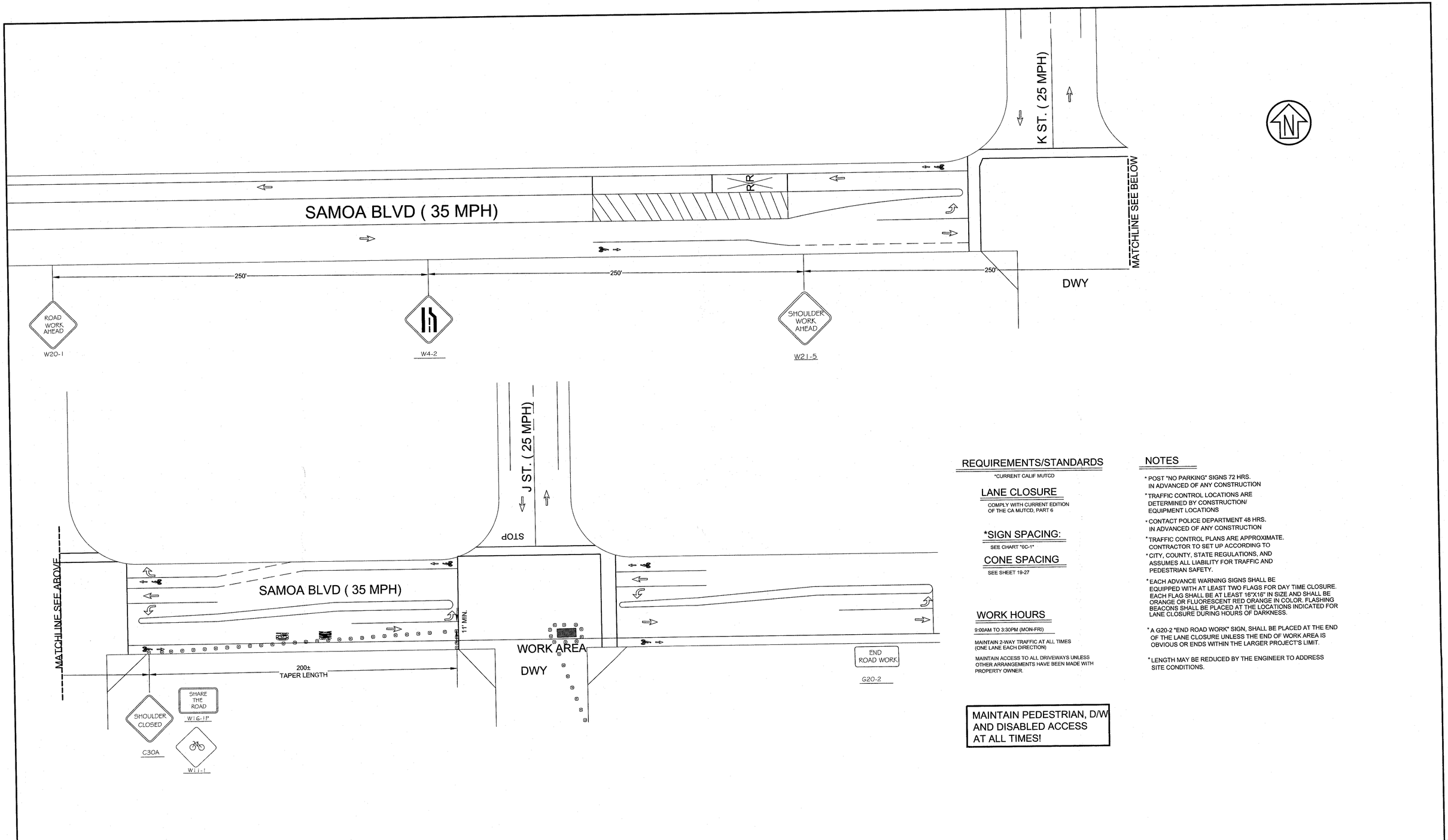

REQUIREMENTS/STANDARDS

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LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH2

VERO FIBER NETWORKS

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No. 76626
CIVIL
STATE OF CALIFORNIA

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C-709

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REQUIREMENTS/STANDARDS

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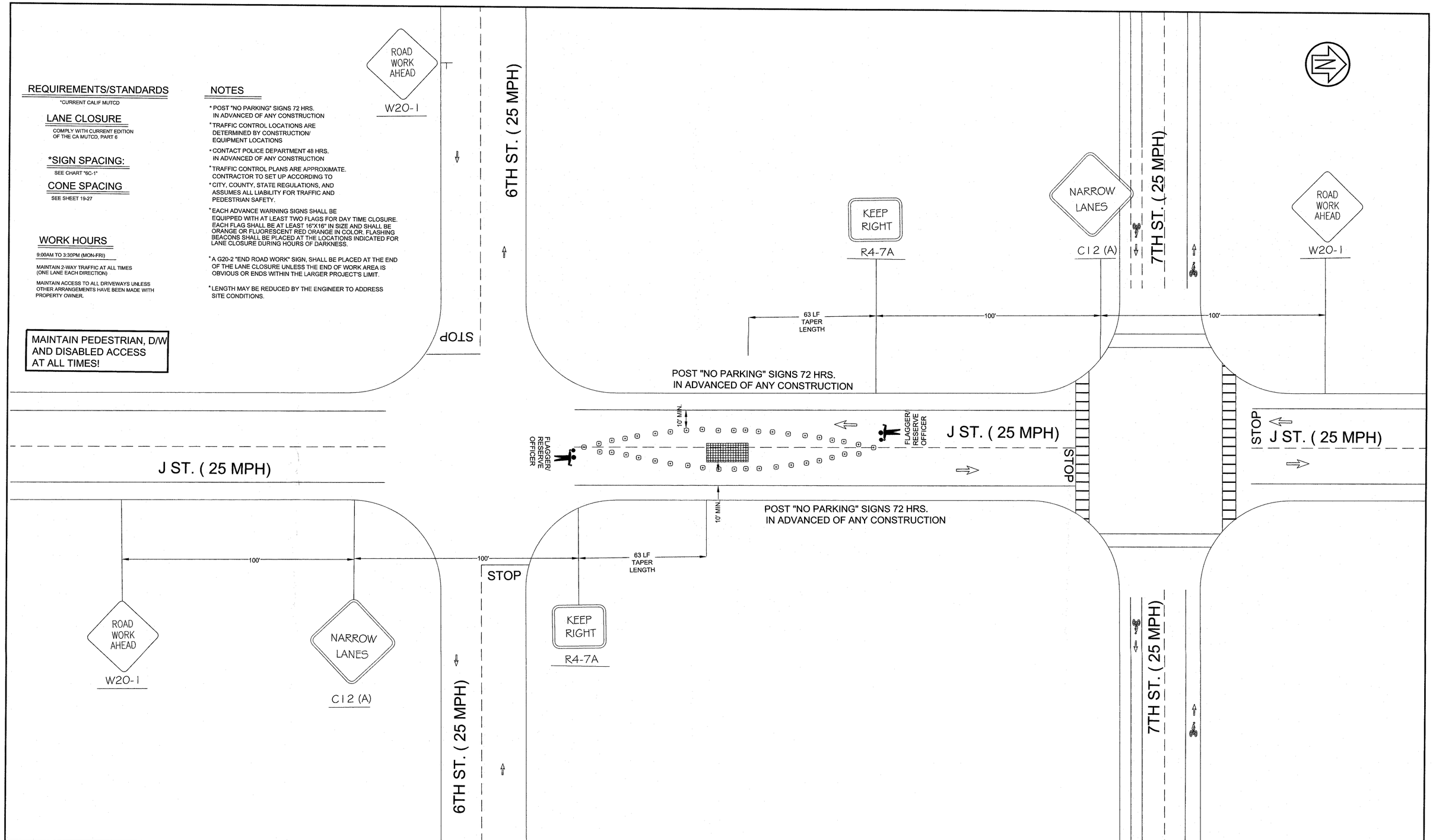

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ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH2

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CIVIL
STATE OF CALIFORNIA

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C-710

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REQUIREMENTS/STANDARDS

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COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

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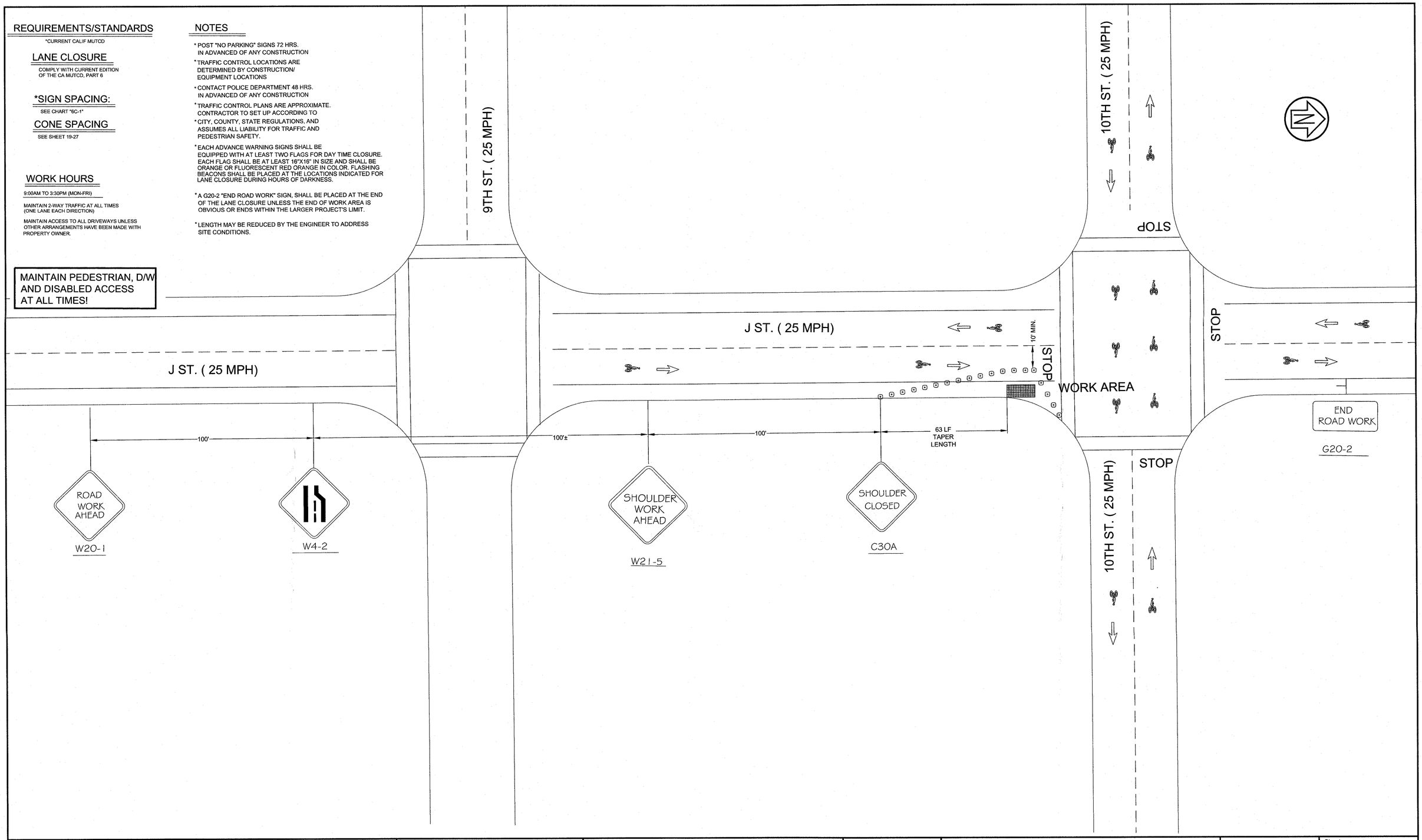

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ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH2

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Plan File:	D-XXXX-

REQUIREMENTS/STANDARDS

*CURRENT CALIF MUTCD

LANE CLOSURE

COMPLY WITH CURRENT EDITION OF THE CA MUTCD, PART 6

*SIGN SPACING:

SEE CHART "6C-1"

CONE SPACING

SEE SHEET 19-27

WORK HOURS

9:00AM TO 3:30PM (MON-FRI)

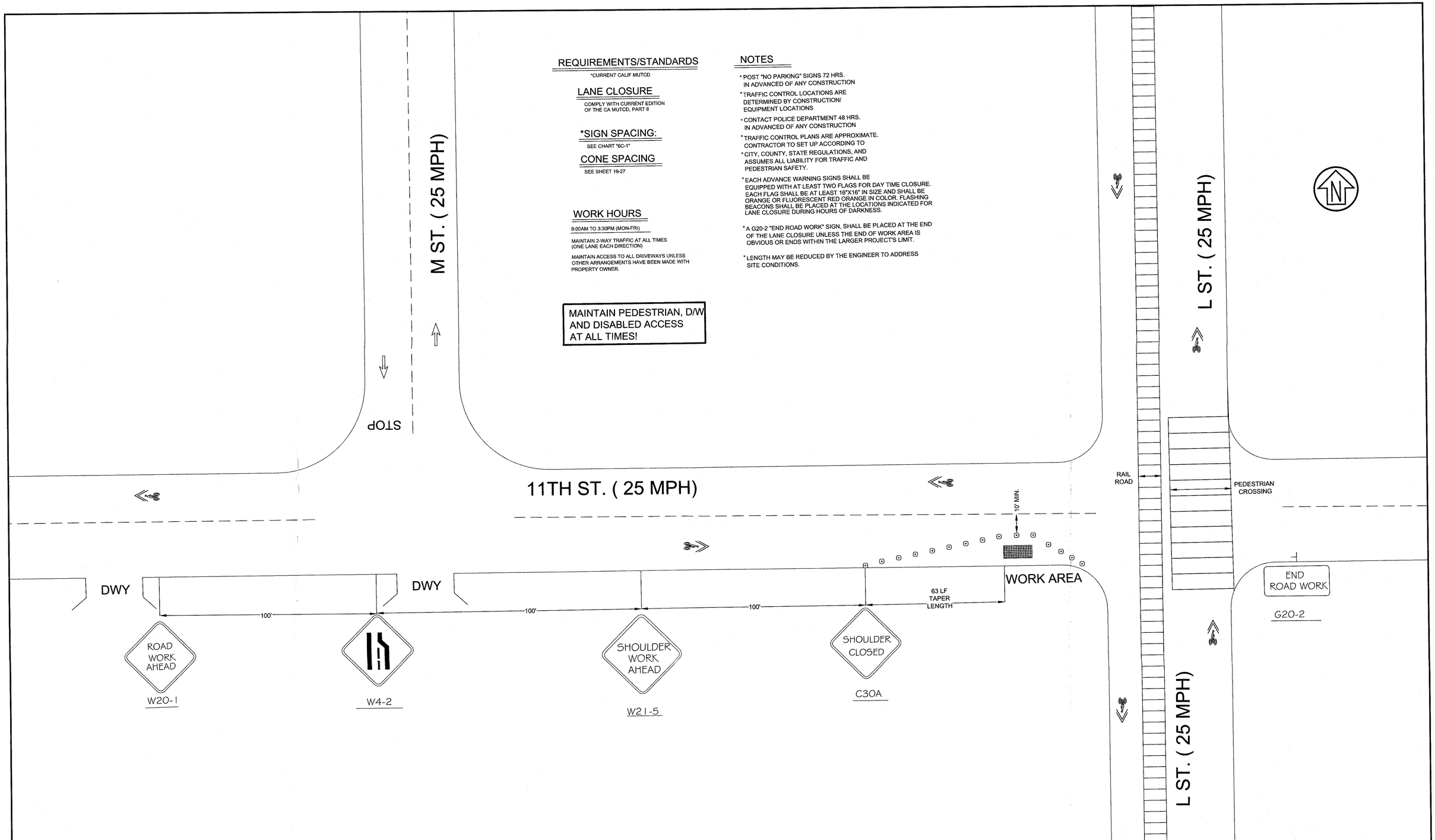
MAINTAIN 2-WAY TRAFFIC AT ALL TIMES (ONE LANE EACH DIRECTION)

MAINTAIN ACCESS TO ALL DRIVEWAYS UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE WITH PROPERTY OWNER.

MAINTAIN PEDESTRIAN, D/W AND DISABLED ACCESS AT ALL TIMES!

NOTES

* POST "NO PARKING" SIGNS 72 HRS. IN ADVANCED OF ANY CONSTRUCTION
* TRAFFIC CONTROL LOCATIONS ARE DETERMINED BY CONSTRUCTION/ EQUIPMENT LOCATIONS
* CONTACT POLICE DEPARTMENT 48 HRS. IN ADVANCED OF ANY CONSTRUCTION
* TRAFFIC CONTROL PLANS ARE APPROXIMATE. CONTRACTOR TO SET UP ACCORDING TO
* CITY, COUNTY, STATE REGULATIONS, AND ASSUMES ALL LIABILITY FOR TRAFFIC AND PEDESTRIAN SAFETY.
* EACH ADVANCE WARNING SIGNS SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS FOR DAY TIME CLOSURE. EACH FLAG SHALL BE AT LEAST 16"X16" IN SIZE AND SHALL BE ORANGE OR FLUORESCENT RED ORANGE IN COLOR. FLASHING BEACONS SHALL BE PLACED AT THE LOCATIONS INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
* A G20-2 "END ROAD WORK" SIGN, SHALL BE PLACED AT THE END OF THE LANE CLOSURE UNLESS THE END OF WORK AREA IS OBVIOUS OR ENDS WITHIN THE LARGER PROJECT'S LIMIT.
* LENGTH MAY BE REDUCED BY THE ENGINEER TO ADDRESS SITE CONDITIONS.



Rev	Date	Description	Designed	Drawn	Checked
-	08/03/20	SUBMITTAL	JAH	FAV	BRB

VERO Fiber Networks

CSW | ST2

CSW/Stuber-Stroeh Engineering Group, Inc.

Civil & Structural Engineers | Surveying & Mapping | Environmental Planning
Land Planning | Construction Management

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City	Arcata
County	Humboldt
State	California

ARCATA-SAMOA BEACH FIBER

TRAFFIC CONTROL PLAN-FH2

VERO FIBER NETWORKS

Prepared Under the Direction of:

REGISTERED PROFESSIONAL ENGINEER
JULIA A. HARBERSON
No. 76626
CIVIL
STATE OF CALIFORNIA

Sheet

C-712

Scale:	1"=20'
Date:	08/03/20
Project Number:	1910140
Plan File:	D-XXXX-