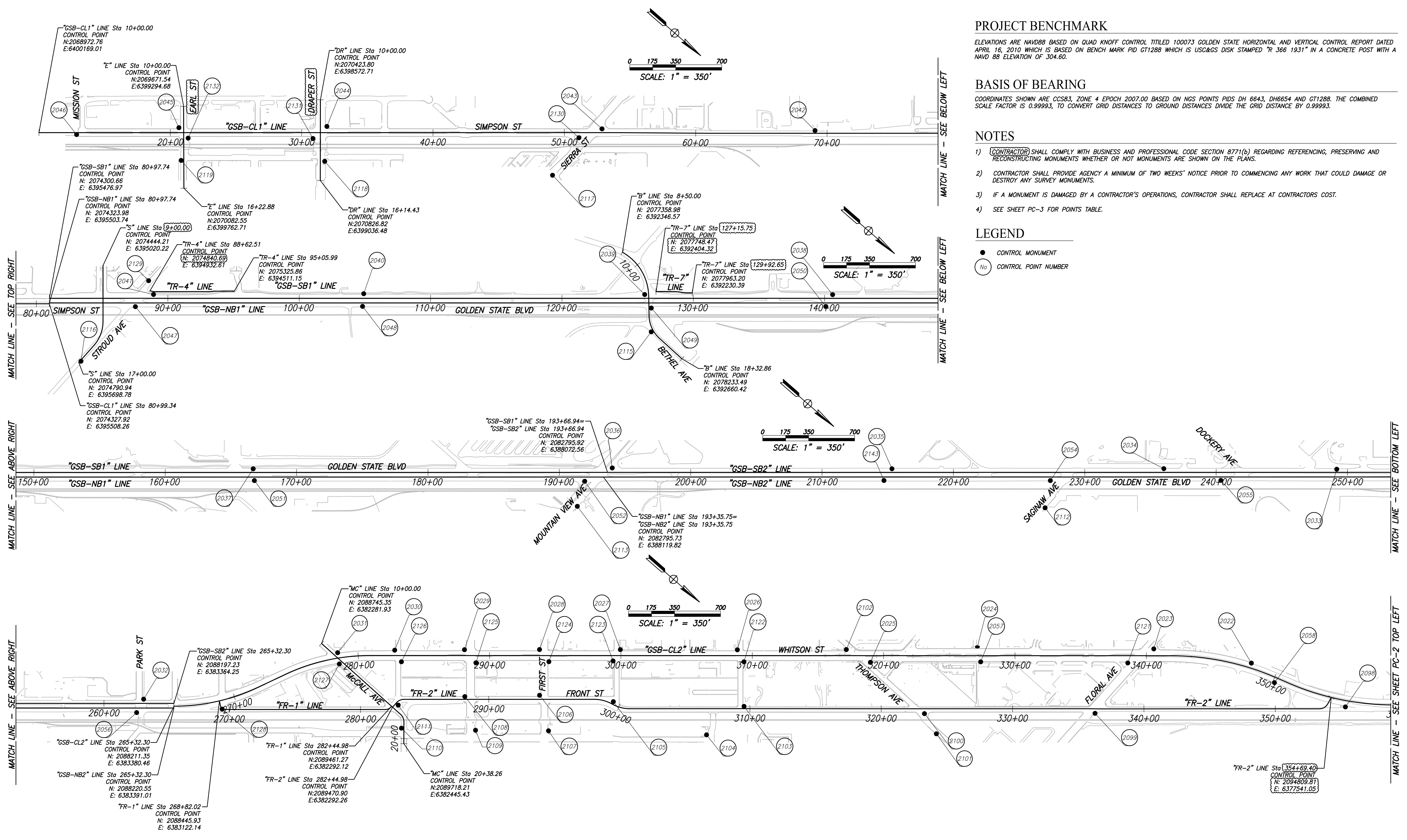


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**PROJECT BENCHMARK**

ELEVATIONS ARE NAVD88 BASED ON QUAD KNOFF CONTROL TITLED 100073 GOLDEN STATE HORIZONTAL AND VERTICAL CONTROL REPORT DATED APRIL 16, 2010 WHICH IS BASED ON BENCH MARK PID GT1288 WHICH IS USC&GS DISK STAMPED "R 366 1931" IN A CONCRETE POST WITH A NAVD 88 ELEVATION OF 304.60.

**BASIS OF BEARING**

COORDINATES SHOWN ARE CCS83, ZONE 4 EPOCH 2007.00 BASED ON NGS POINTS PIDS DH 6643, DH6654 AND GT1288. THE COMBINED SCALE FACTOR IS 0.99993, TO CONVERT GRID DISTANCES TO GROUND DISTANCES DIVIDE THE GRID DISTANCE BY 0.99993.

**NOTES**

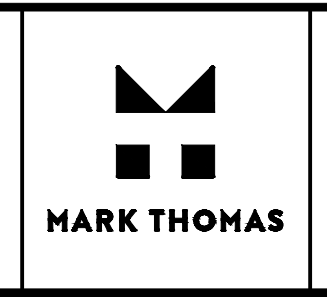
- 1) CONTRACTOR SHALL COMPLY WITH BUSINESS AND PROFESSIONAL CODE SECTION 8771(b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS WHETHER OR NOT MONUMENTS ARE SHOWN ON THE PLANS.
- 2) CONTRACTOR SHALL PROVIDE AGENCY A MINIMUM OF TWO WEEKS' NOTICE PRIOR TO COMMENCING ANY WORK THAT COULD DAMAGE OR DESTROY ANY SURVEY MONUMENTS.
- 3) IF A MONUMENT IS DAMAGED BY A CONTRACTOR'S OPERATIONS, CONTRACTOR SHALL REPLACE AT CONTRACTORS COST.
- 4) SEE SHEET PC-3 FOR POINTS TABLE.

**LEGEND**

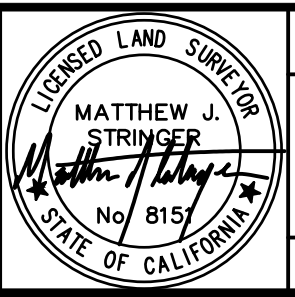
- CONTROL MONUMENT
- CONTROL POINT NUMBER

DESIGNED: CYNTHIA HORNER	DATE: ####	RESIDENT ENGINEER	DATE
DRAWN: ERIK CHIN	DATE: ####		
CHECKED: MATT STRINGER	DATE: ####		

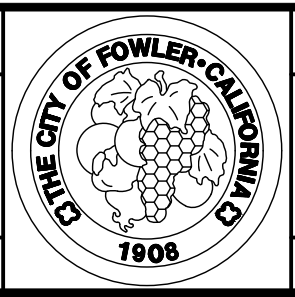
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DATE: ####	DATE



SUPERVISING ENGINEER	DATE
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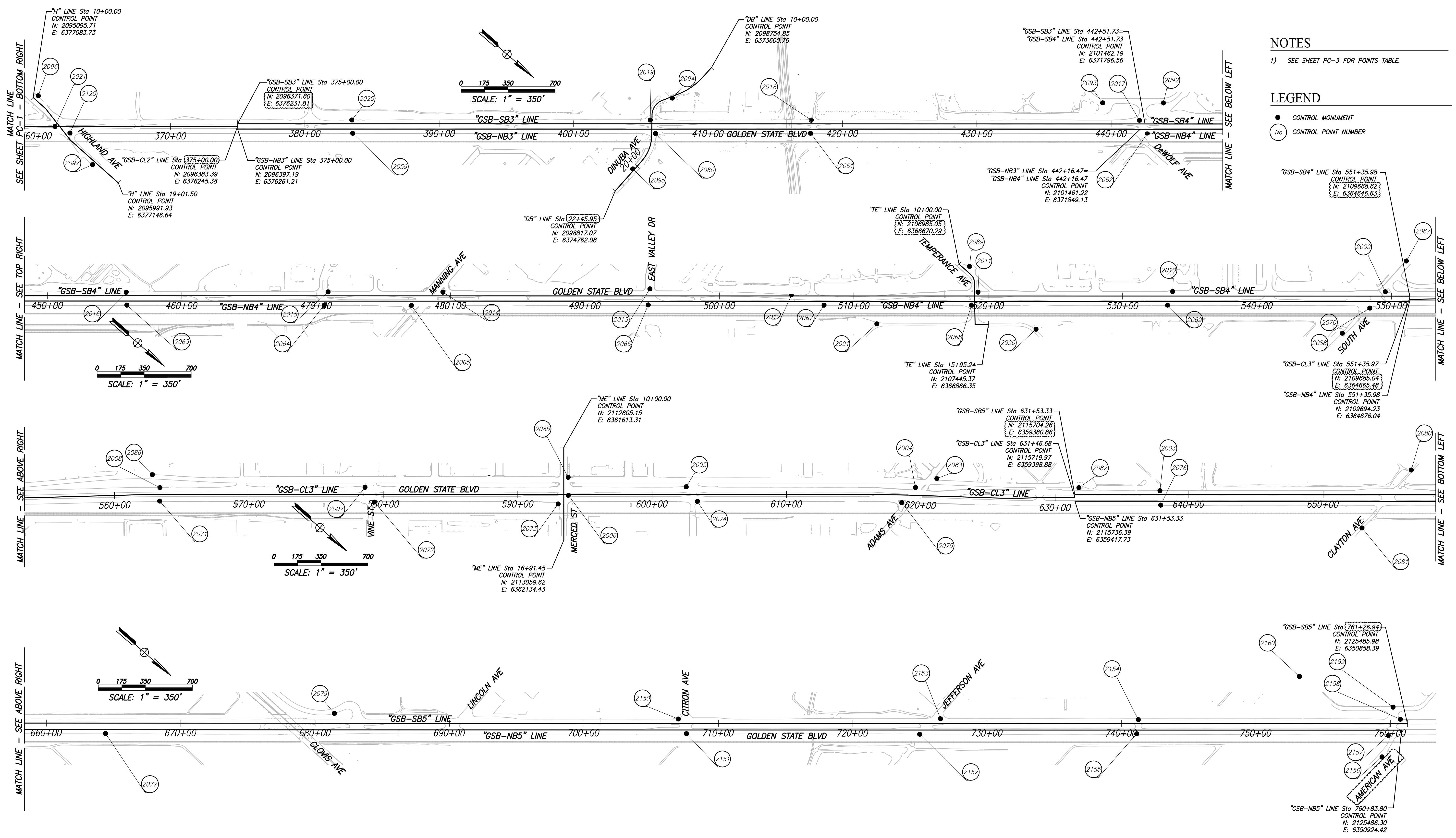


PROJECT - PHASE 1
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING		
PROJECT CONTROL		
DRAWING NO. PC-1	SHEET NO. 10A	TOTAL 143

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**NOTES**

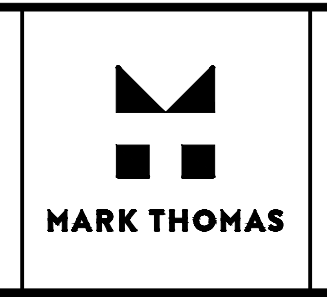
- 1) SEE SHEET PC-3 FOR POINTS TABLE.

**LEGEND**

- CONTROL MONUMENT
- CONTROL POINT NUMBER

DESIGNED: CYNTHIA HORNER	DATE: ####	RESIDENT ENGINEER	DATE
DRAWN: ERIK CHIN	DATE: ####		
CHECKED: MATT STRINGER	DATE: ####		

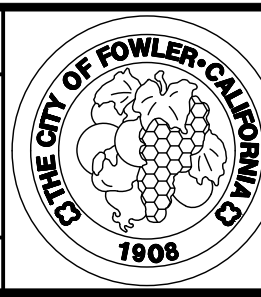
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DATE: ####	RESIDENT ENGINEER
DATE: ####	
DATE: ####	



_____ SUPERVISING ENGINEER	_____ DATE
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PROJECT - PHASE 1	
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS	
FOWLER REGION	



DEPARTMENT OF PUBLIC WORKS AND PLANNING	
PROJECT CONTROL	
DRAWING NO. PC-2	SHEET NO. 11A
TOTAL 143	

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Point Table			
Point #	Northing	Easting	Raw Description
2003	2116161.70	6358943.38	NAIL & SHINER
2004	2114774.02	6360120.81	CHISLED X
2005	2113485.27	6361237.84	NAIL & SHINER
2006	2112865.89	6361860.67	NAIL & SHINER
2007	2111686.35	6362810.58	NAIL & SHINER
2008	2110537.37	6363814.36	NAIL & SHINER
2009	2109510.78	6364741.51	NAIL & SHINER
2010	2108317.28	6365779.40	MAG NAIL
2011	2107227.88	6366734.71	MAG NAIL
2012	2106197.31	6367664.45	MAG NAIL
2013	2105371.75	6368320.30	MAG NAIL
2014	2104226.89	6369350.79	MAG NAIL
2015	2103581.78	6369911.32	MAG NAIL
2016	2102451.09	6370899.66	MAG NAIL
2017	2101412.99	6371802.82	MAG NAIL
2018	2099571.23	6373406.64	MAG NAIL
2019	2098667.71	6374193.41	MAG NAIL
2020	2096993.39	6375651.96	MAG NAIL
2021	2095360.15	6377139.27	MAG NAIL
2022	2094179.37	6377743.84	MAG NAIL
2023	2093548.19	6378150.19	SCRIBED X
2024	2092525.80	6379020.92	SCRIBED X
2025	2091988.94	6379644.79	SCRIBED X
2026	2091162.98	6380238.39	SCRIBED X
2027	2090490.37	6380822.58	SCRIBED X
2028	2090026.34	6381226.43	SCRIBED X
2029	2089596.29	6381602.60	SCRIBED X
2030	2089198.20	6381954.31	SCRIBED X
2031	2088883.40	6382254.29	SCRIBED X
2032	2088002.46	6383491.48	SCRIBED X
2033	2086965.15	6384406.95	MAG NAIL
2034	2085969.88	6385268.67	MAG NAIL
2035	2084410.11	6386629.11	MAG NAIL
2036	2082800.54	6388023.81	CHISLED X
2037	2080744.79	6389824.36	NAIL & SHINER
2038	2078777.36	6391538.12	NAIL & SHINER

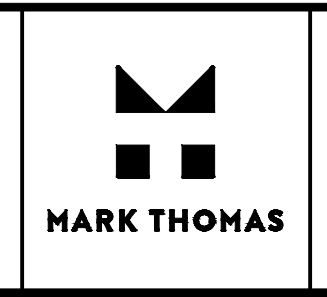
Point Table			
Point #	Northing	Easting	Raw Description
2039	2077698.33	6392477.29	NAIL & SHINER
2040	2076081.71	6393878.16	NAIL & SHINER
2041	2074879.34	6394934.09	NAIL & SHINER
2042	2073416.33	6396275.30	NAIL & SHINER
2043	2072185.68	6397330.94	CHISLED X
2044	2070594.48	6398693.21	CHISLED X
2045	2069751.36	6399440.44	CHISLED X
2046	2069198.36	6399991.57	NAIL & SHINER
2047	2074835.86	6395094.61	NAIL & SHINER
2048	2076138.24	6393956.67	NAIL & SHINER
2049	2077803.81	6392521.81	NAIL & SHINER
2050	2078797.89	6391639.88	MAG NAIL
2051	2080810.07	6389885.97	NAIL & SHINER
2052	2082709.32	6388237.48	CHISLED X
2054	2085378.08	6385904.57	NAIL & SHINER
2055	2086355.67	6385050.65	MAG NAIL
2056	2088029.27	6383603.22	MAG NAIL
2057	2092619.57	6379090.46	SCRIBED X
2058	2094409.15	6377740.46	MAG NAIL
2059	2097063.08	6375722.29	MAG NAIL
2060	2098762.34	6374242.46	MAG NAIL
2061	2099631.06	6373483.82	MAG NAIL
2062	2101521.21	6371838.91	MAG NAIL
2063	2102517.33	6370968.38	MAG NAIL
2064	2103624.84	6370004.54	MAG NAIL
2065	2104114.29	6369579.36	MAG NAIL
2066	2105441.02	6368418.91	MAG NAIL
2067	2106428.09	6367560.23	MAG NAIL
2068	2107254.84	6366839.71	NAIL & SHINER
2069	2108355.11	6365880.89	MAG NAIL
2070	2109503.82	6364908.28	NAIL & SHINER
2071	2110601.42	6363891.83	NAIL & SHINER
2072	2111810.55	6362847.57	NAIL & SHINER
2073	2112850.72	6361959.79	CHISLED X
2074	2113618.78	6361264.70	NAIL & SHINER
2075	2114771.57	6360272.17	CHISLED X

Point Table			
Point #	Northing	Easting	Raw Description
2076	2116236.20	6359020.57	NAIL & SHINER
2077	2118232.42	6357279.42	NAIL & SHINER
2079	2119417.63	6356047.49	NAIL & SHINER
2080	2117470.35	6357598.65	NAIL & SHINER
2081	2117477.21	6358164.63	NAIL & SHINER
2082	2115692.00	6359322.24	NAIL & SHINER
2083	2114850.75	6359965.61	CHISLED X
2085	2112776.83	6361761.51	NAIL & SHINER
2086	2110431.36	6363779.54	NAIL & SHINER
2087	2109478.42	6364465.95	NAIL & SHINER
2088	2109472.19	6365184.41	MAG NAIL
2089	2107054.72	6366631.47	MAG NAIL
2090	2107735.10	6366659.05	MAG NAIL
2091	2106816.12	6367407.01	NAIL & SHINER
2092	2101462.64	6371588.26	MAG NAIL
2093	2101121.25	6371885.50	MAG NAIL
2094	2098684.13	6373962.31	MAG NAIL
2095	2098808.06	6374553.41	MAG NAIL
2096	2095115.96	6377048.74	SCRIBED X
2097	2095757.87	6377170.16	MAG NAIL
2098	2094938.25	6377524.75	MAG NAIL
2099	2093533.15	6378813.90	SCRIBED X
2100	2092555.79	6379668.74	MAG NAIL
2101	2092725.19	6379724.91	MAG NAIL
2102	2091787.06	6379691.75	SCRIBED X
2103	2091484.15	6380529.63	SCRIBED X
2104	2091411.39	6380880.49	SCRIBED X
2105	2090710.69	6381156.13	MAG NAIL
2106	2090255.37	6381488.68	SCRIBED X
2107	2090484.12	6381647.80	SCRIBED X
2108	2089832.79	6381869.93	SCRIBED X
2109	2090062.76	6382009.47	SCRIBED X
2110	2089627.23	6382368.15	MAG NAIL
2111	2089493.39	6382252.01	SCRIBED X
2112	2085484.07	6386087.06	MAG NAIL
2113	2082792.24	6388418.50	NAIL & SHINER

Point Table			
Point #	Northing	Easting	Raw Description
2115	2077922.64	6392658.57	NAIL & SHINER
2116	2074796.68	6395679.74	NAIL & SHINER
2117	2072133.30	6397844.57	CHISLED X
2118	2070756.47	6398904.18	NAIL & SHINER
2119	2069928.05	6399617.05	NAIL & SHINER
2120	2095476.11	6377103.27	MAG NAIL
2121	2093469.54	6378361.00	SCRIBED X
2122	2091260.97	6380274.09	SCRIBED X
2123	2090505.21	6380923.85	SCRIBED X
2124	2090140.57	6381249.51	SCRIBED X
2125	2089727.51	6381620.50	SCRIBED X
2126	2089294.91	6381987.34	SCRIBED X
2127	2088949.47	6382310.38	SCRIBED X
2128	2088502.82	6383155.62	MAG NAIL
2129	2074782.16	6394879.36	NAIL & SHINER
2130	2072097.37	6397497.47	CHISLED X
2131	2070574.90	6398832.16	CHISLED X
2132	2069856.48	6399454.46	NAIL & SHINER
2143	2084422.76	6386736.42	NAIL & SHINER

Point Table				
Point #	Northing	Easting	Elevation	Raw Description
2150	2121374.97	6354397.67	305.05	MAG NAIL
2151	2121492.22	6354440.63	304.09	MAG NAIL
2152	2122803.11	6353303.14	306.25	MAG NAIL
2153	2122844.29	6353115.12	306.27	MAG NAIL
2154	2123957.67	6352152.51	304.29	MAG NAIL
2155	2124018.23	6352239.92	303.44	MAG NAIL
2156	2125507.00	6351169.94	301.83	MAG NAIL
2157	2125437.29	6351020.12	301.56	MAG NAIL
2158	2125426.00	6350869.16	303.17	MAG NAIL
2159	2125325.80	6350837.24	299.45	MAG NAIL
2160	2124650.18	6351123.06	302.82	MAG NAIL
2161	2125474.61	6350391.74	302.65	MAG NAIL
2162	2125987.98	6350383.60	302.12	MAG NAIL
2153	2126058.58	6350463.21	301.19	MAG NAIL

DESIGNED: CYNTHIA HORNER	DATE: ####	RECORD DRAWING	
DRAWN: ERIK CHIN	DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: MATT STRINGER	DATE: ####		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.			



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SUPERVISING ENGINEER

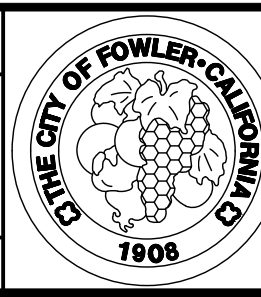
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PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION



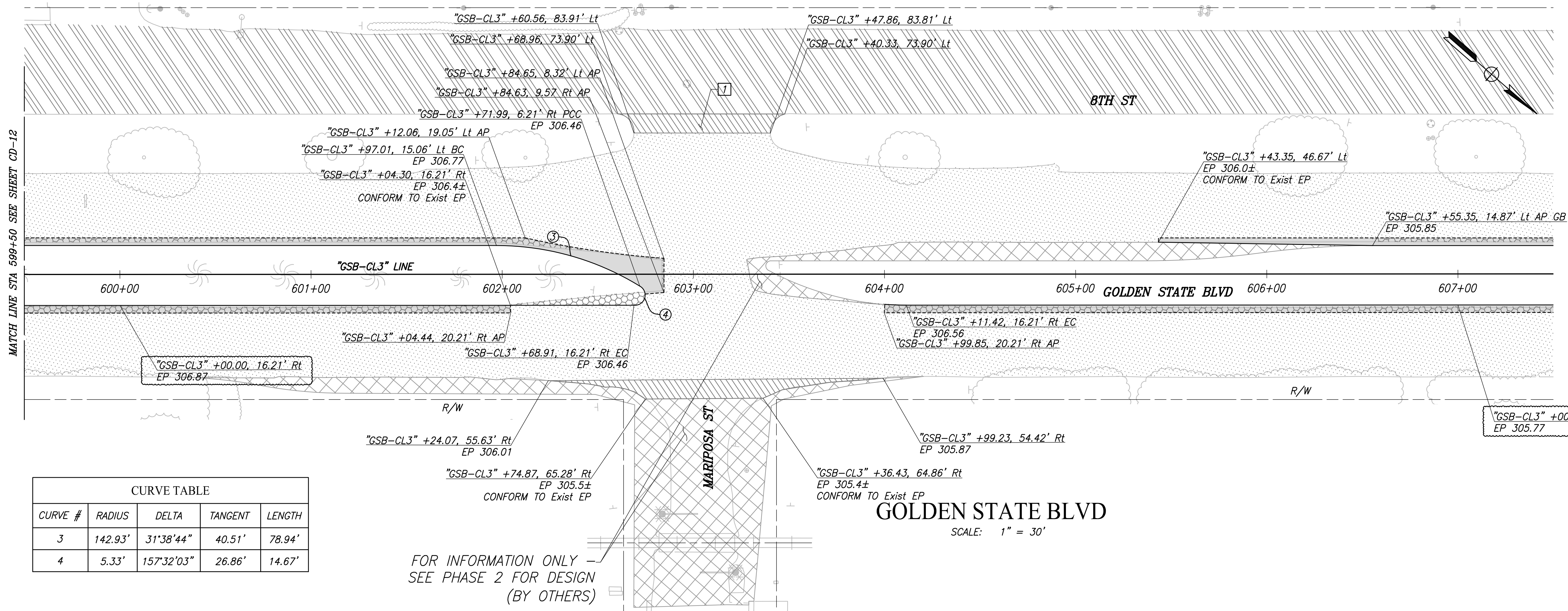
DEPARTMENT OF PUBLIC WORKS AND PLANNING

PROJECT CONTROL

DRAWING NO. PC-3 SHEET NO. 12A TOTAL 143

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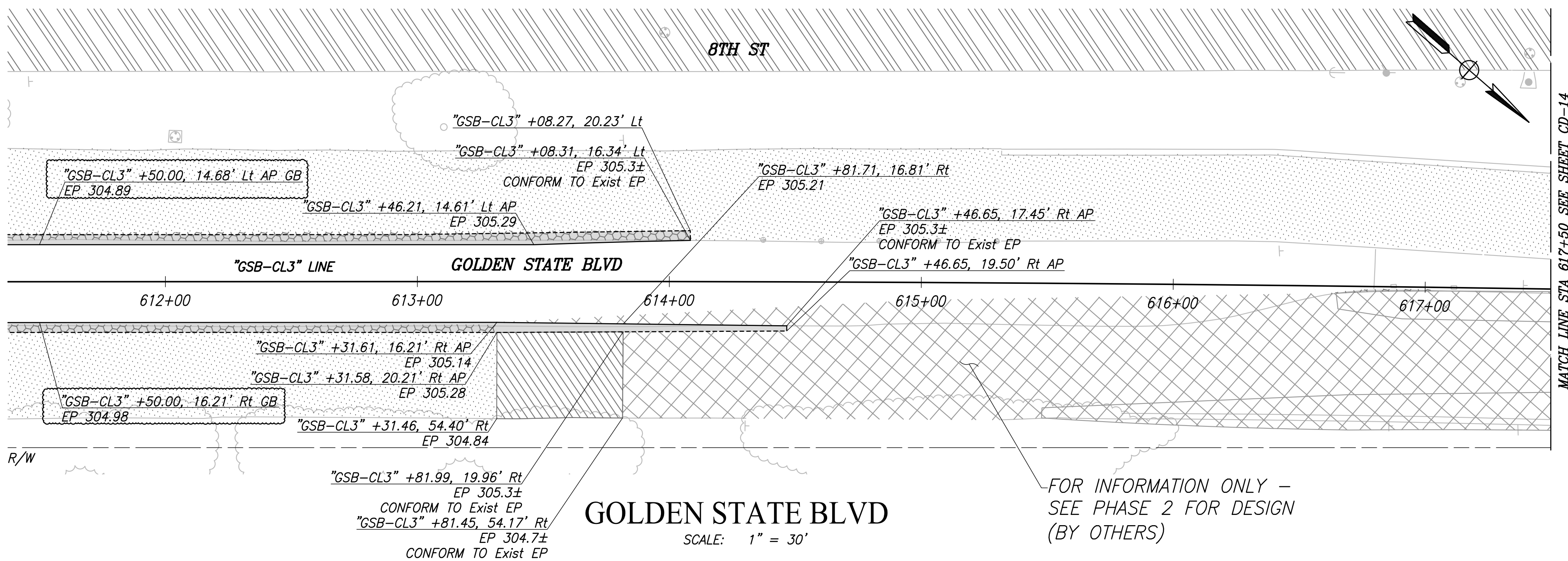
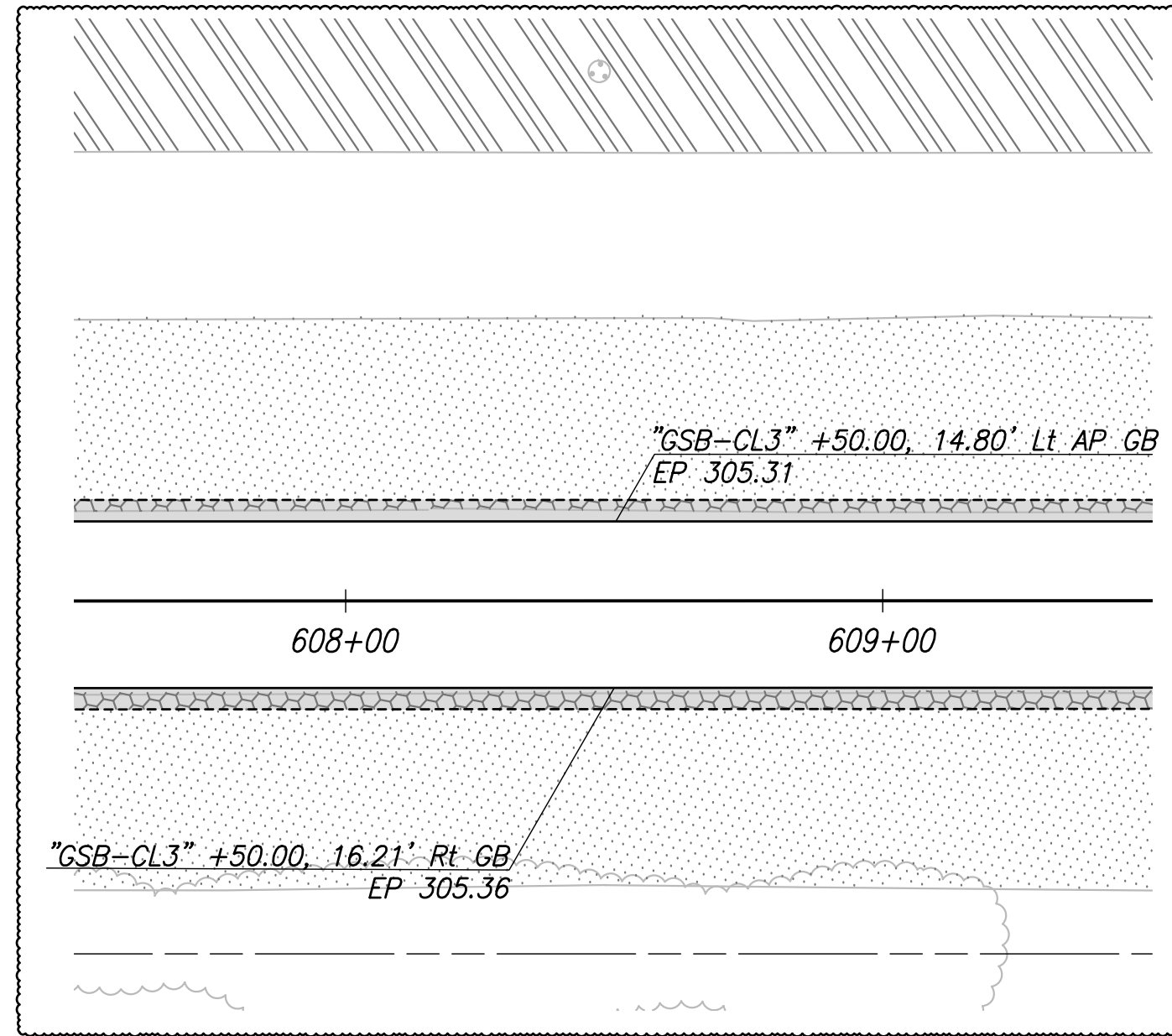
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CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
3	142.93'	31°38'44"	40.51'	78.94'
4	5.33'	157°32'03"	26.86'	14.67'

FOR INFORMATION ONLY -  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

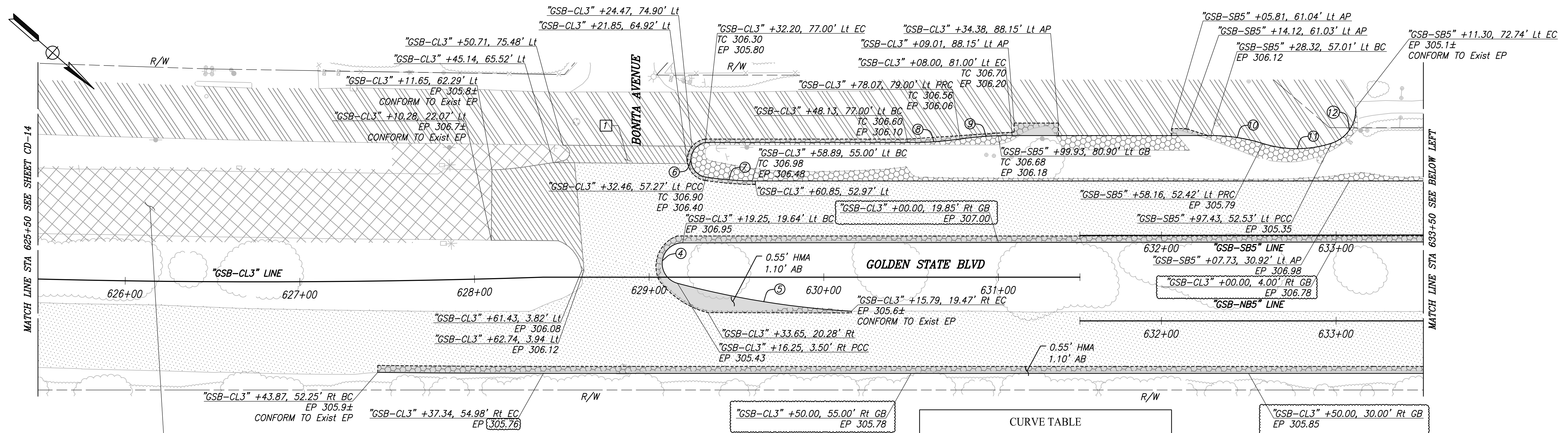
**GOLDEN STATE BLVD**  
SCALE: 1" = 30'



FOR INFORMATION ONLY -  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

**GOLDEN STATE BLVD**  
SCALE: 1" = 30'

DESIGNED: CYNTHIA HORNER DRAWN: ERIK CHIN CHECKED: ED NORIEGA	DATE: #### DATE: #### DATE: ####	<b>RECORD DRAWING</b> RESIDENT ENGINEER	 CALL BEFORE YOU DIG	 <b>MARK THOMAS</b> SUPERVISING ENGINEER	DATE: _____	<b>PROJECT - PHASE 1</b> GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS FOWLER REGION	 ED NORIEGA No. 61845 Exp. 8/30/23 CIVIL STATE OF CALIFORNIA	 DEPARTMENT OF PUBLIC WORKS AND PLANNING <b>CONSTRUCTION DETAILS</b>	DRAWING NO. CD-13 SHEET NO. 51A TOTAL 143
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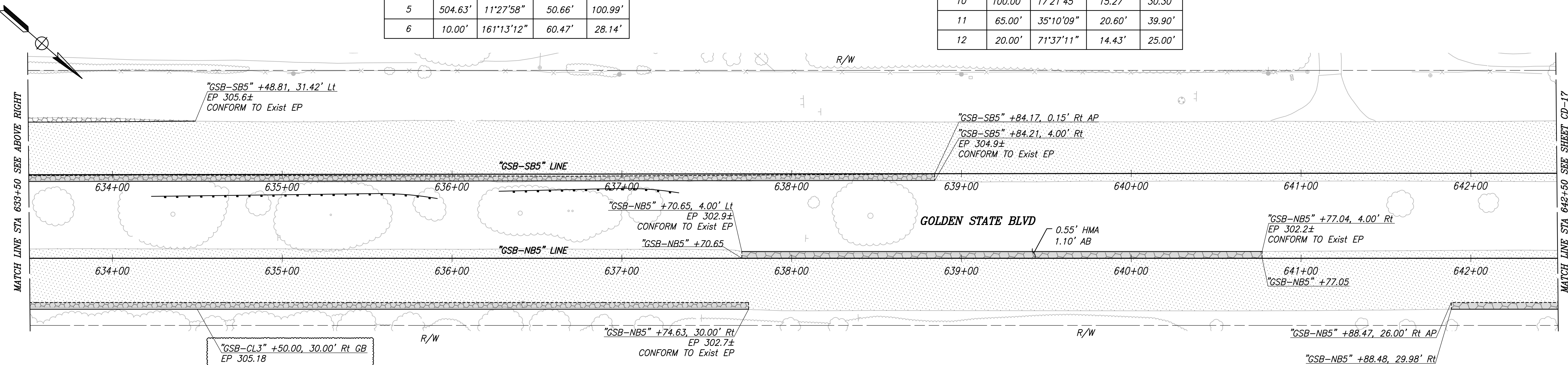
FOR INFORMATION ONLY -  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

CURVE #	RADIUS	DELTA	TANGENT	LENGTH
4	11.77'	165°05'05"	89.87'	33.90'
5	504.63'	11°27'58"	50.66'	100.99'
6	10.00'	161°13'12"	60.47'	28.14'

### GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE #	RADIUS	DELTA	TANGENT	LENGTH
7	203.93'	7°27'31"	13.29'	26.55'
8	198.78'	8°39'20"	15.04'	30.03'
9	198.78'	8°39'20"	15.04'	30.03'
10	100.00'	17°21'45"	15.27'	30.30'
11	65.00'	35°10'09"	20.60'	39.90'
12	20.00'	71°37'11"	14.43'	25.00'



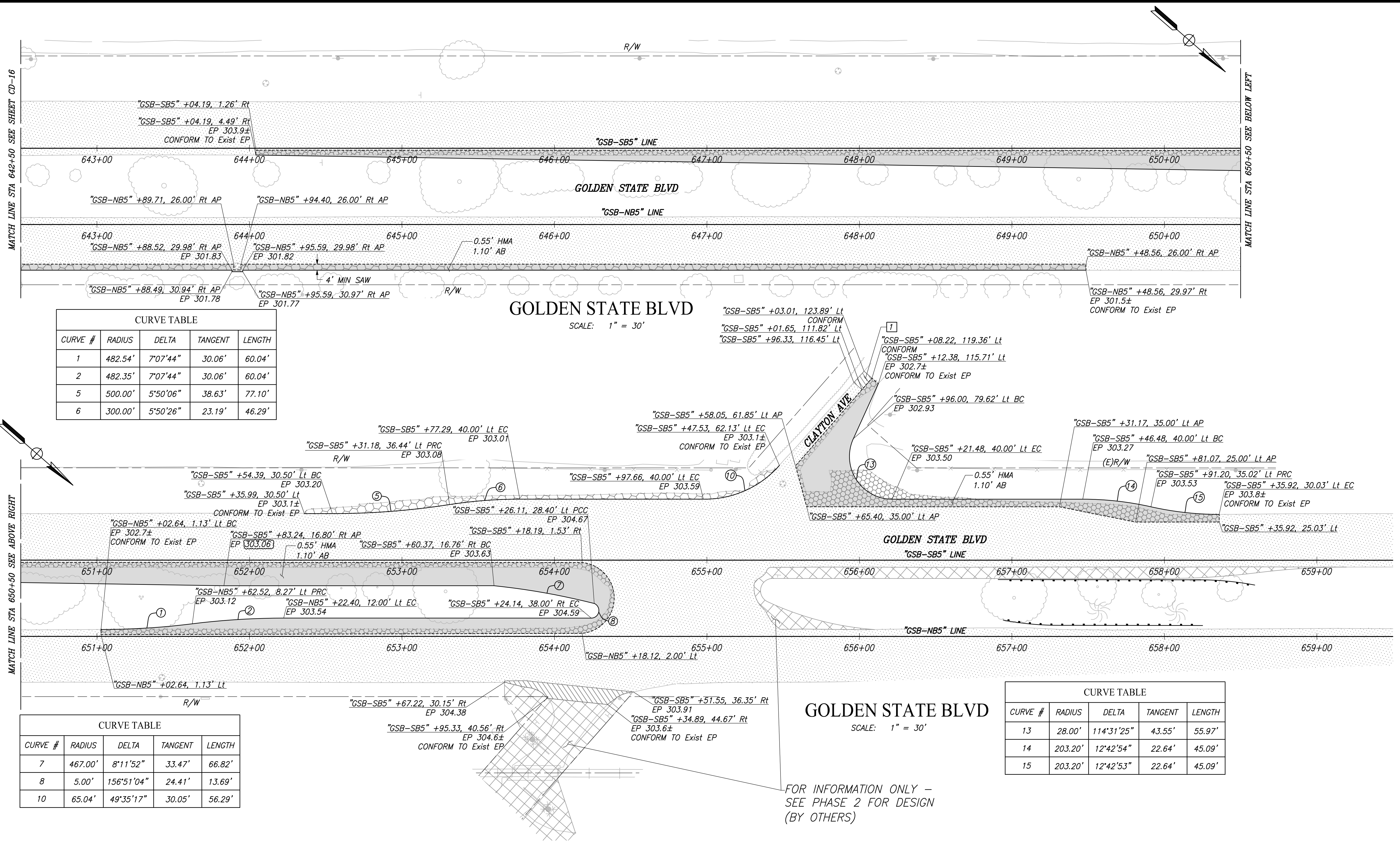
### GOLDEN STATE BLVD

SCALE: 1" = 30'

<b>DESIGNED:</b> CYNTHIA HORNER	<b>DATE:</b> ####	<b>RECORD DRAWING</b>		<b>RESIDENT ENGINEER:</b>	<b>DATE:</b>		<b>PROJECT - PHASE 1</b>		<b>DEPARTMENT OF PUBLIC WORKS AND PLANNING</b>
<b>DRAWN:</b> ERIK CHIN	<b>DATE:</b> ####						<b>GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS</b>		<b>CONSTRUCTION DETAILS</b>
<b>CHECKED:</b> ED NORIEGA	<b>DATE:</b> ####						<b>FOWLER REGION</b>		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.							<b>MARK THOMAS</b>		<b>SUPERVISING ENGINEER</b>
				<b>811</b>	<b>CALL BEFORE YOU DIG</b>				<b>2023</b>
						<b>DATE:</b>	<b>DRAWING NO. CD-16</b>	<b>SHEET NO. 54A</b>	<b>TOTAL 143</b>

PLOT DATE: 09/16/2022 11:26:23 AM

PATH:\freano\00674-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB\_R3\_CD15-CD16\_P1.dwg



**CURVE TABLE**

CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	482.54'	7°07'44"	30.06'	60.04'
2	482.35'	7°07'44"	30.06'	60.04'
5	500.00'	5°50'06"	38.63'	77.10'
6	300.00'	5°50'26"	23.19'	46.29'

**CURVE TABLE**

CURVE #	RADIUS	DELTA	TANGENT	LENGTH
7	467.00'	8°11'52"	33.47'	66.82'
8	5.00'	156°51'04"	24.41'	13.69'
10	65.04'	49°35'17"	30.05'	56.29'

**CURVE TABLE**

CURVE #	RADIUS	DELTA	TANGENT	LENGTH
13	28.00'	114°31'25"	43.55'	55.97'
14	203.20'	12°42'54"	22.64'	45.09'
15	203.20'	12°42'53"	22.64'	45.09'

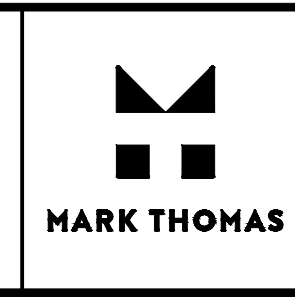
**GOLDEN STATE BLVD**  
SCALE: 1" = 30'

**GOLDEN STATE BLVD**  
SCALE: 1" = 30'

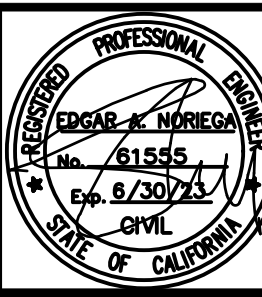
FOR INFORMATION ONLY -  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

DESIGNED: CYNTHIA HORNER	DATE: ####	RECORD DRAWING	
DRAWN: ERIK CHIN	DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA	DATE: ####		

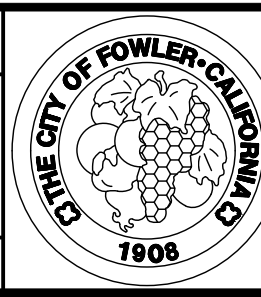
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



SUPERVISING ENGINEER	DATE
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PROJECT - PHASE 1
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING		
CONSTRUCTION DETAILS		
DRAWING NO. CD-17	SHEET NO. 55A	TOTAL 143

PLOT DATE: 8/18/2023 11:15:42 AM CAD USER: ECHIN

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**LEGEND**

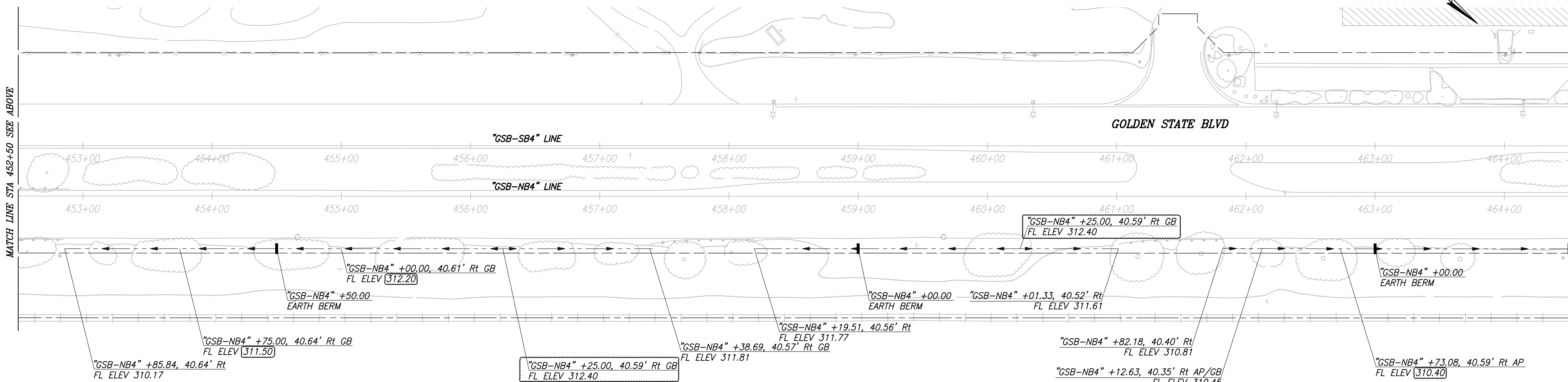
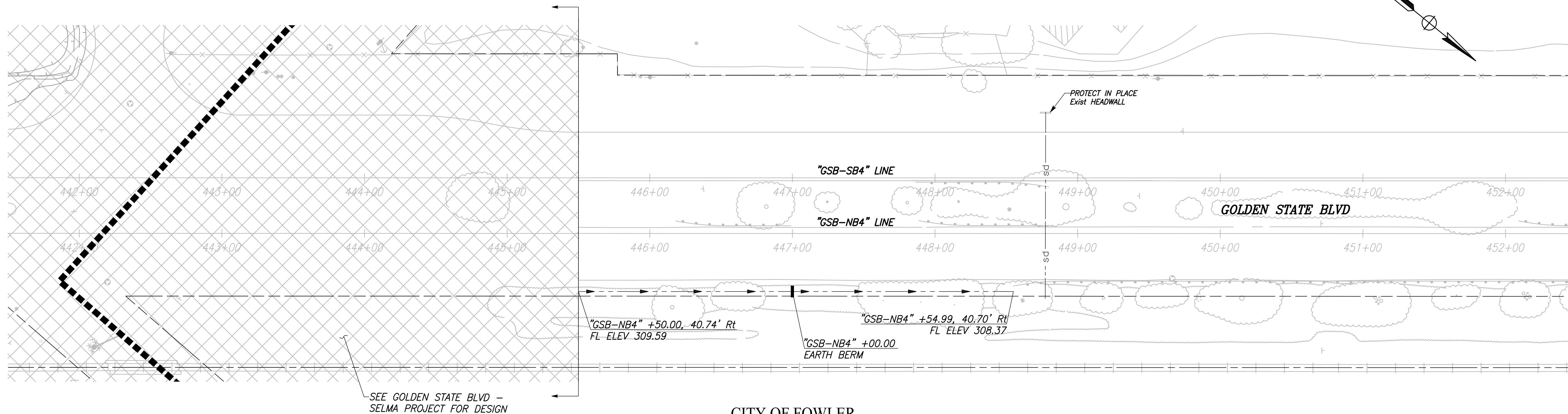
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- EXISTING Culv/PIPE
- PROPOSED Culv/PIPE
- PROPOSED DI
- BERM BLOCK

**ABBREVIATIONS**

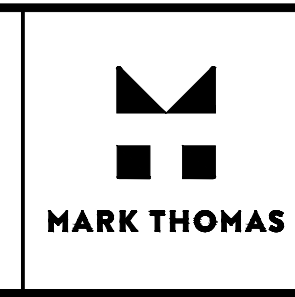
- AP ANGLE POINT
- CULV CULVERT
- DI DRAINAGE INLET
- GB GRADE BREAK
- MH MANHOLE
- RCP REINFORCED CONCRETE PIPE
- SD STORM DRAIN

**NOTES**

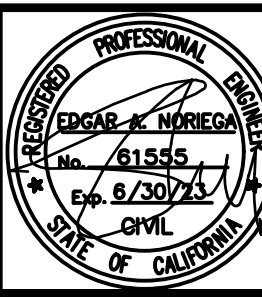
1. RIGHT-OF-WAY INFORMATION IS AVAILABLE AT THE CITY OF FOWLER OFFICE.
2. EXISTING DRAINAGE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATIONS BEFORE MODIFYING EXISTING DRAINAGE FACILITIES.



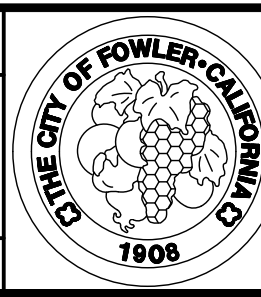
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DESIGNED: CYNTHIA HORNER	DATE: ####
DRAWN: ERIK CHIN	DATE: ####
CHECKED: ED NORIEGA	DATE: ####



SUPERVISING ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_



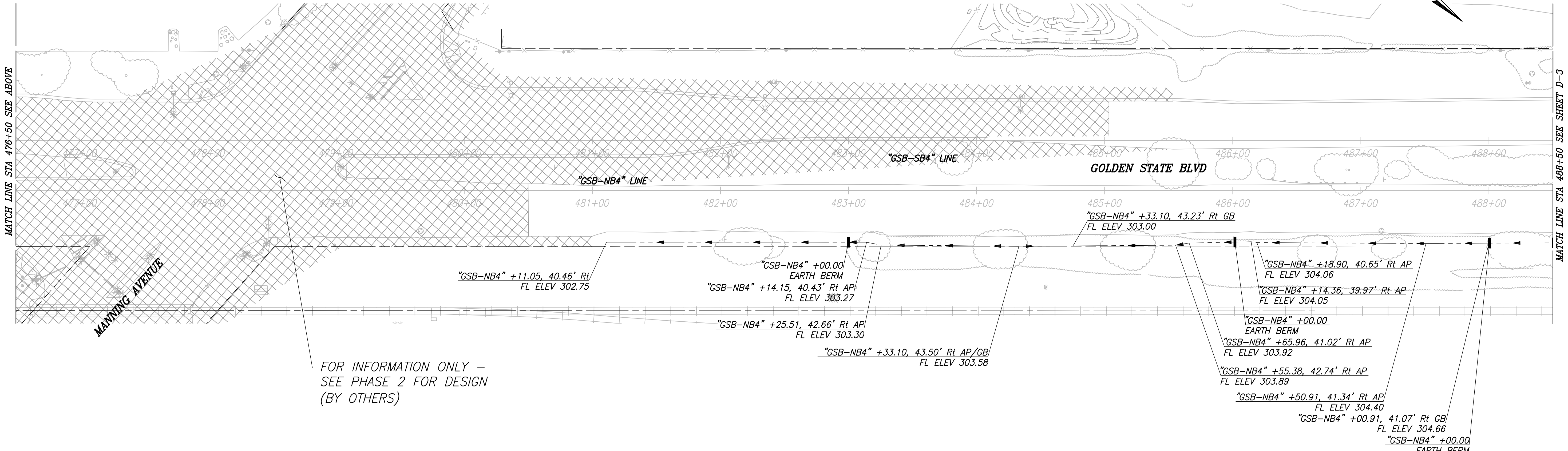
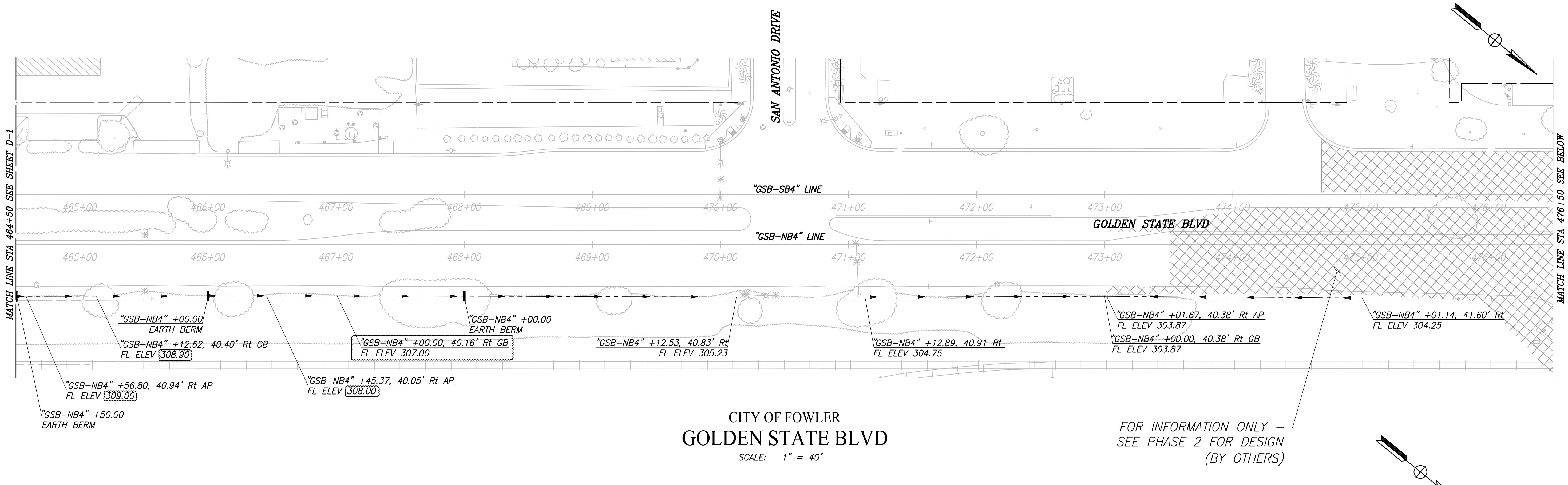
**PROJECT - PHASE 1**  
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS  
FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
**DRAINAGE PLAN**  
DRAWING NO. D-1 SHEET NO. 61A TOTAL 143

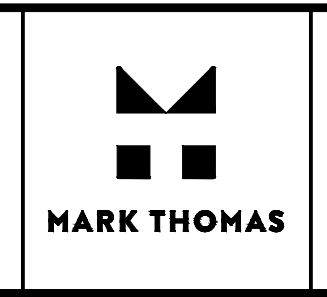
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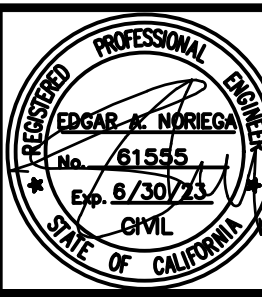
DESIGNED: CYNTHIA HORNER	DATE: ####	<b>RECORD DRAWING</b>	
DRAWN: ERIK CHIN	DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA	DATE: ####		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



\_\_\_\_\_  
SUPERVISING ENGINEER

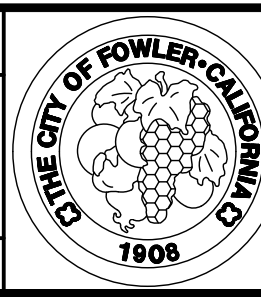
\_\_\_\_\_  
DATE



**PROJECT - PHASE 1**

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING

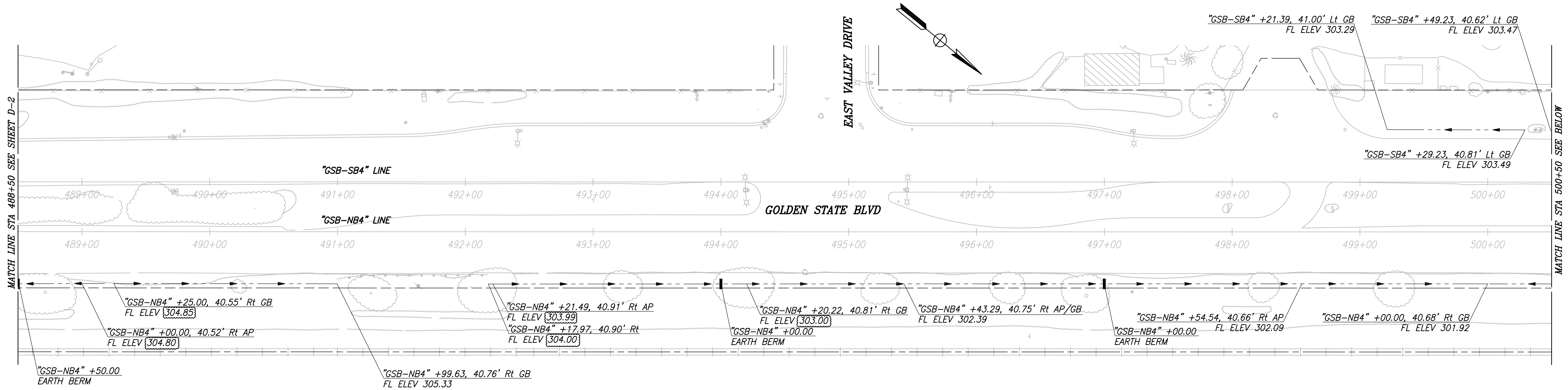
**DRAINAGE PLAN**

DRAWING NO. D-2      SHEET NO. 62A      TOTAL 143



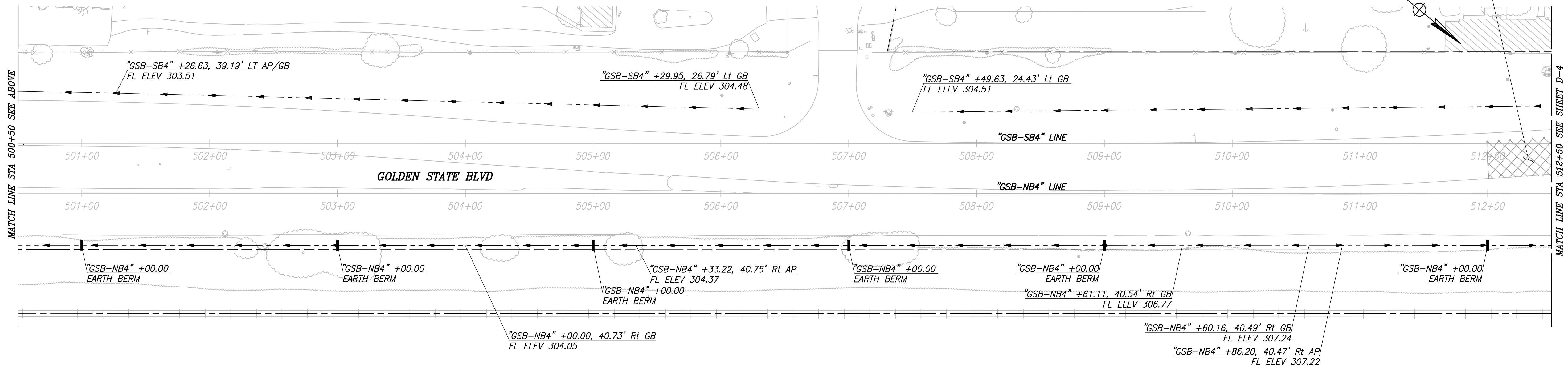
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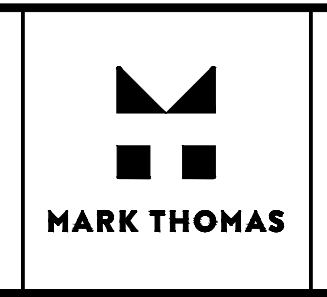


**CITY OF FOWLER  
GOLDEN STATE BLVD**  
SCALE: 1" = 40'

FOR INFORMATION ONLY  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

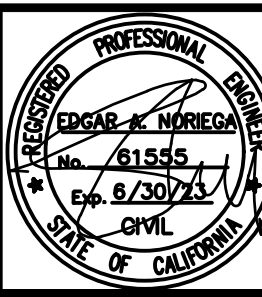


DESIGNED: CYNTHIA HORNER	DATE: ####	RECORD DRAWING	
DRAWN: ERIK CHIN	DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA	DATE: ####		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.			



\_\_\_\_\_  
SUPERVISING ENGINEER

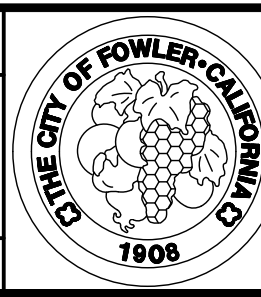
\_\_\_\_\_  
DATE



**PROJECT - PHASE 1**

**GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS**

FOWLER REGION



**DEPARTMENT OF PUBLIC WORKS AND PLANNING**

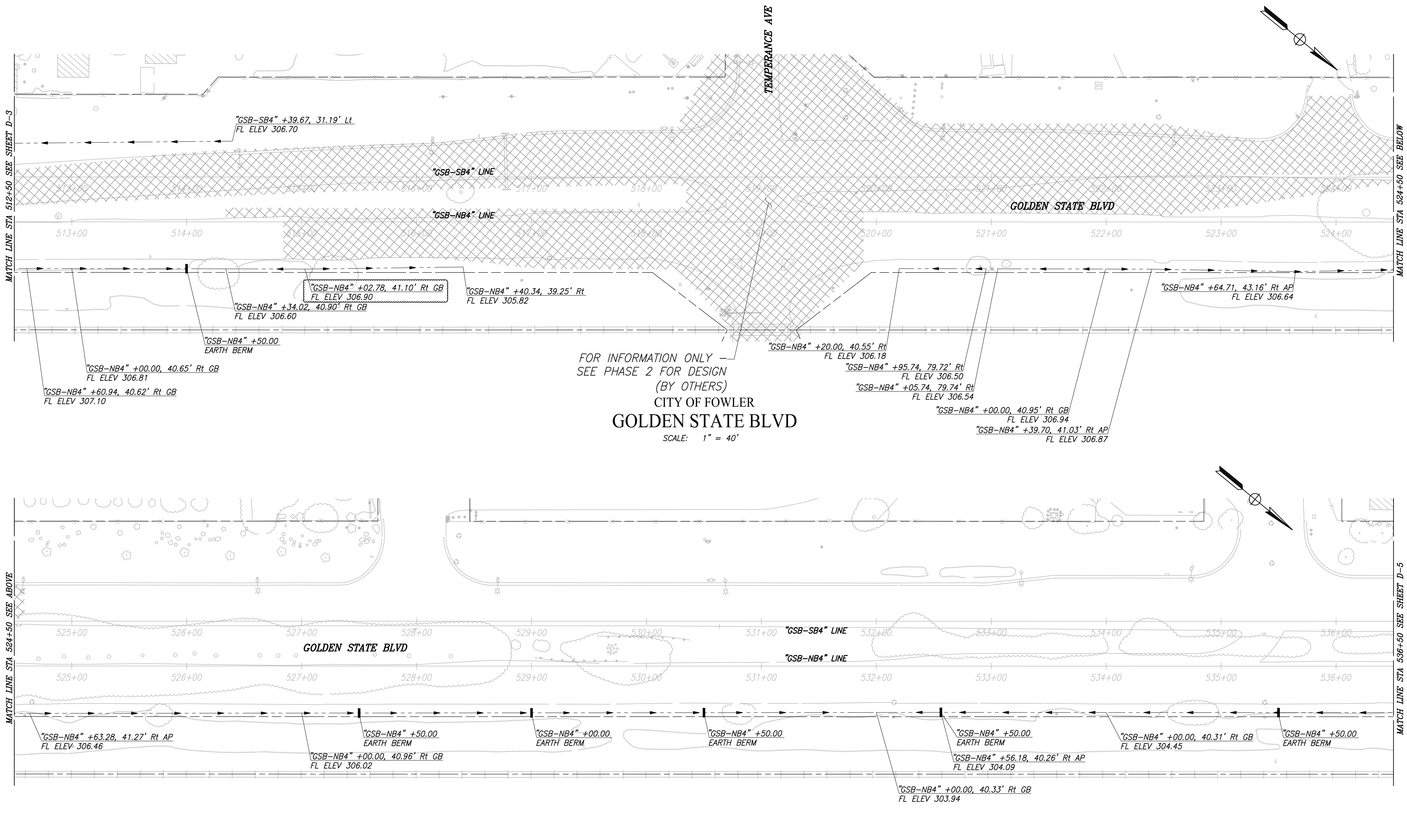
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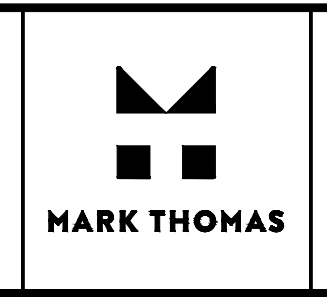
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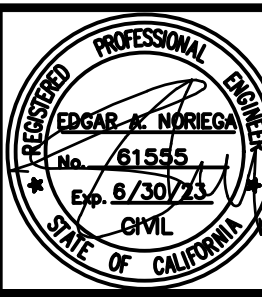
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DESIGNED: CYNTHIA HORNER	DATE: ####
DRAWN: ERIK CHIN	DATE: ####
CHECKED: ED NORIEGA	DATE: ####

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



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SUPERVISING ENGINEER

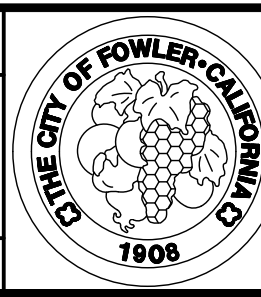
\_\_\_\_\_  
DATE



PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING

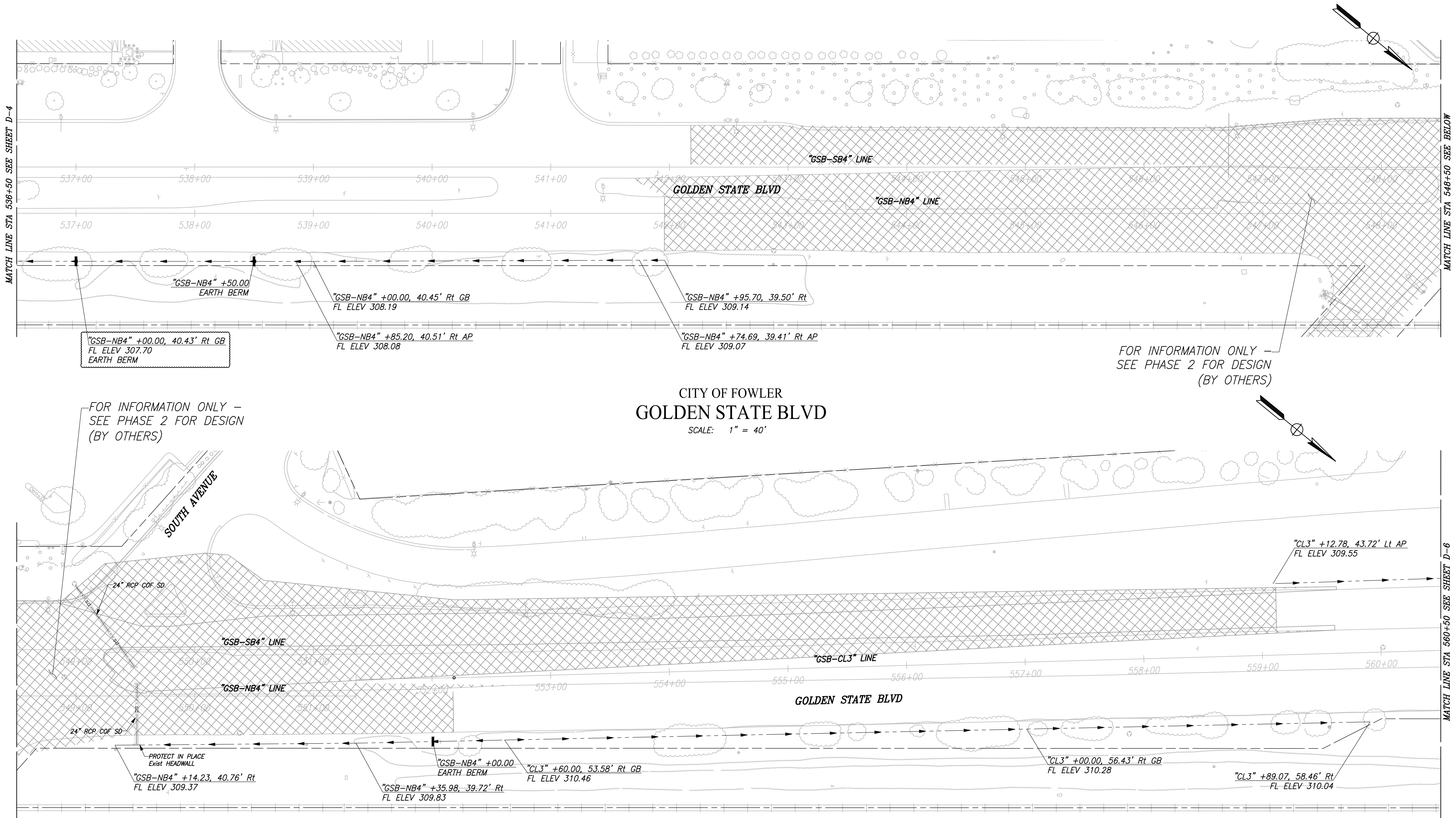
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DRAWING NO. D-4 SHEET NO. 64A TOTAL 143

CAD USER: ECHIN

PLOT DATE: 8/16/2023 11:16:18 AM

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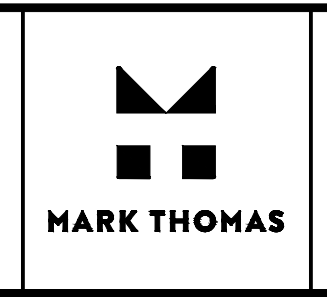
CITY OF FOWLER  
**GOLDEN STATE BLVD**

SCALE: 1" = 40'

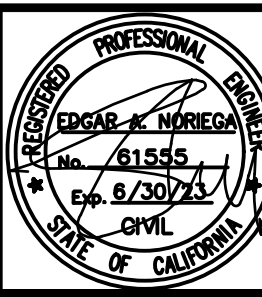
FOR INFORMATION ONLY -  
 SEE PHASE 2 FOR DESIGN  
 (BY OTHERS)

FOR INFORMATION ONLY -  
 SEE PHASE 2 FOR DESIGN  
 (BY OTHERS)

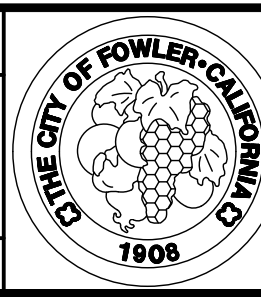
RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	DATE: ####
DRAWN: ERIK CHIN	DATE: ####
CHECKED: ED NORIEGA	DATE: ####



SUPERVISING ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_



PROJECT - PHASE 1  
 GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
 AND INFRASTRUCTURE IMPROVEMENTS  
 FOWLER REGION



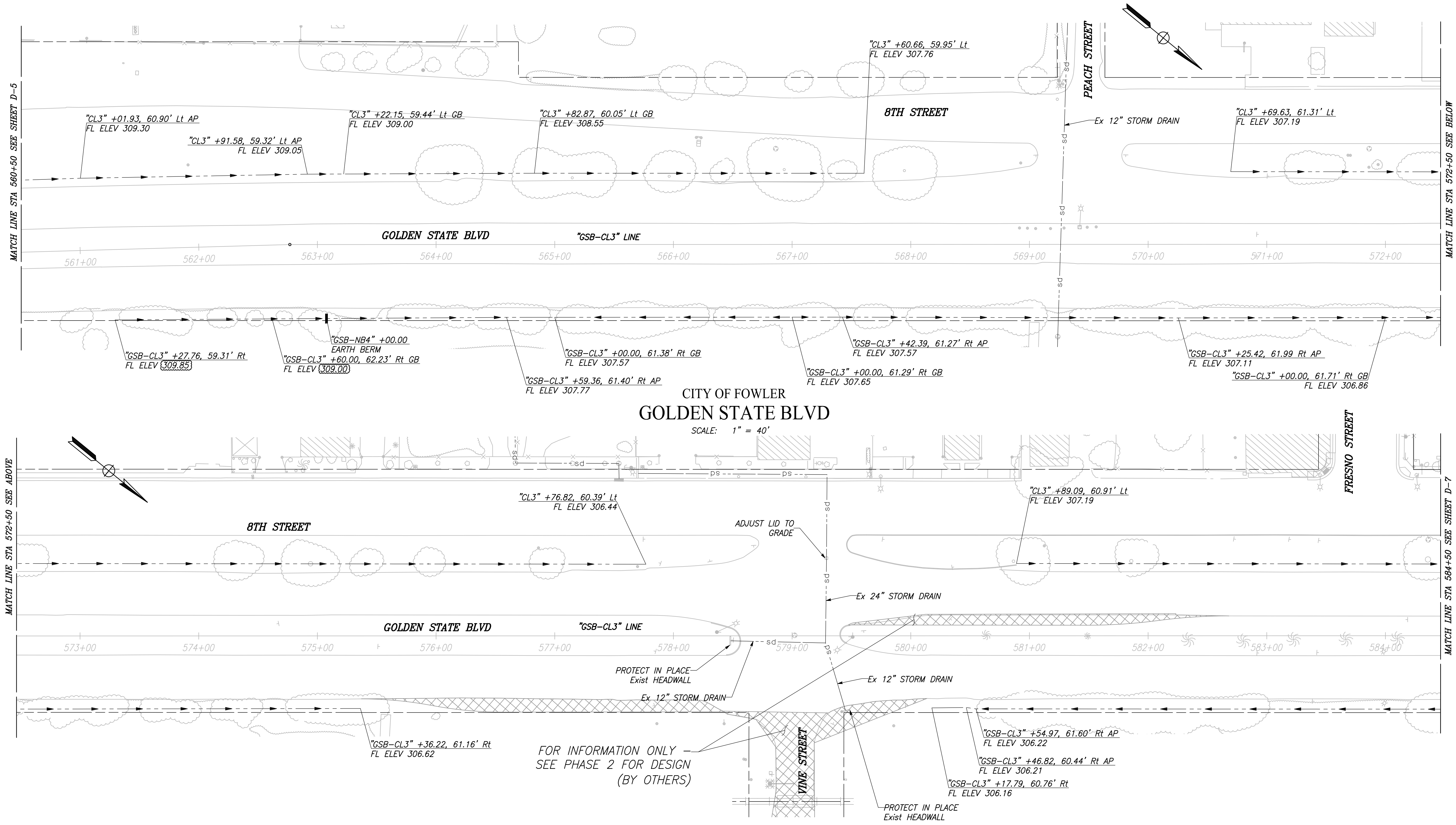
DEPARTMENT OF PUBLIC WORKS AND PLANNING  
**DRAINAGE PLAN**  
 DRAWING NO. D-5 SHEET NO. 65A TOTAL 143

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

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CAD USER: ECHIN

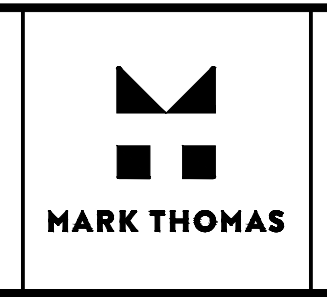
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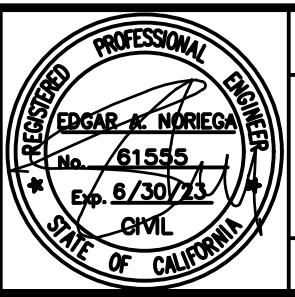
CITY OF FOWLER  
**GOLDEN STATE BLVD**  
 SCALE: 1" = 40'

DESIGNED: CYNTHIA HORNER	DATE: ####	RECORD DRAWING	
DRAWN: ERIK CHIN	DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA	DATE: ####		

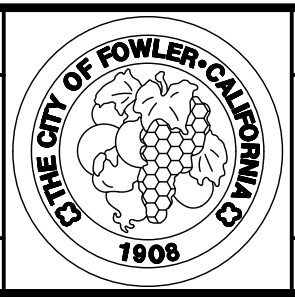
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



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 SUPERVISING ENGINEER      DATE



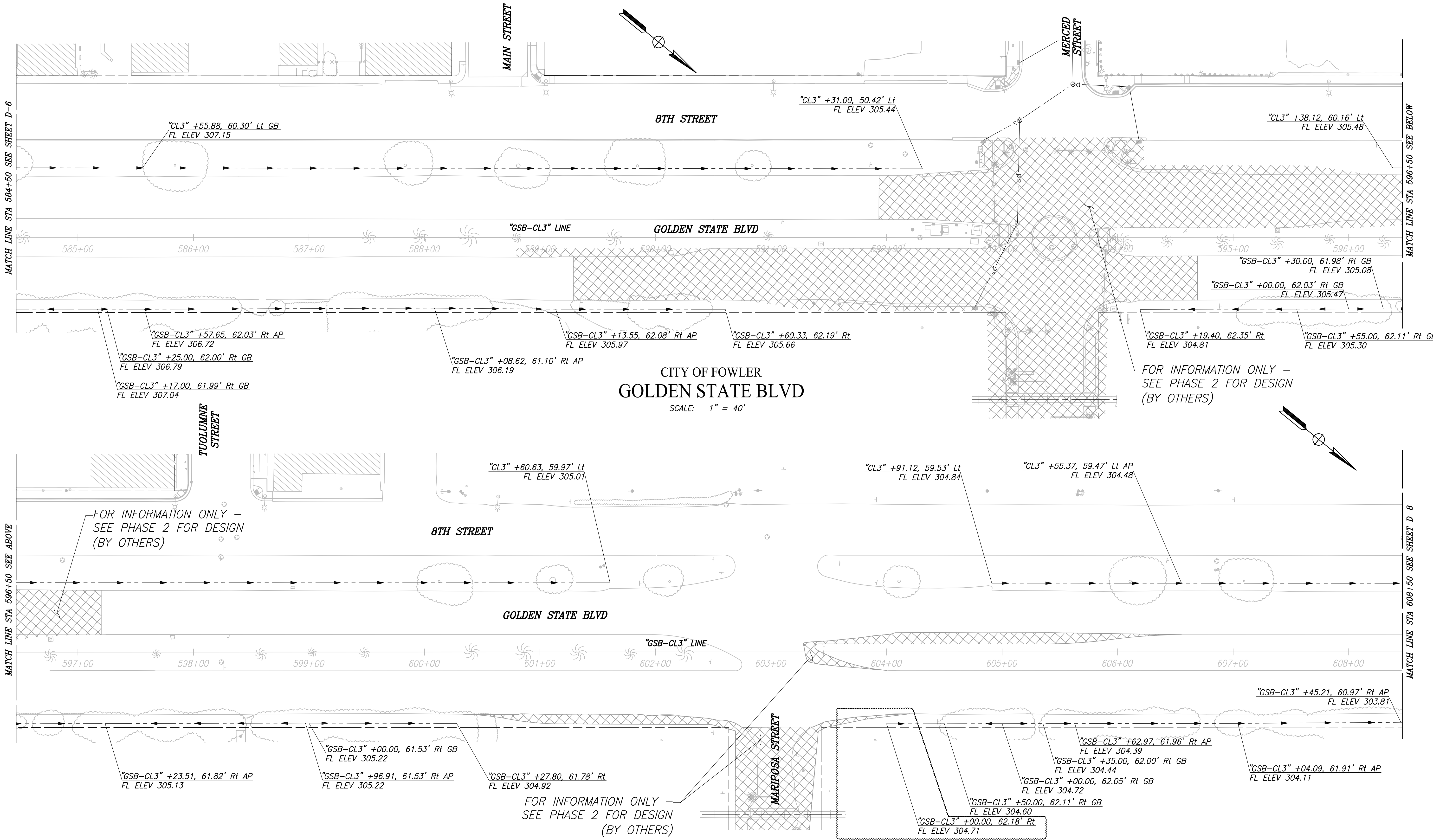
PROJECT - PHASE 1  
**GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS**  
 FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
**DRAINAGE PLAN**  
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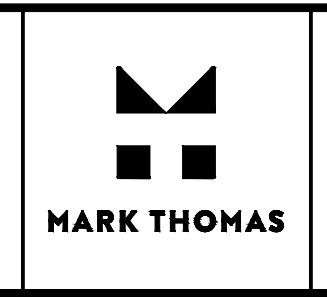
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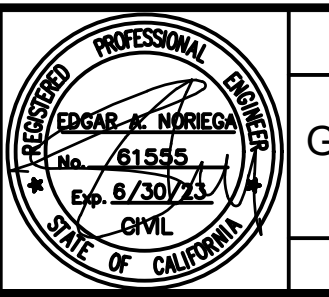
CITY OF FOWLER  
**GOLDEN STATE BLVD**  
 SCALE: 1" = 40'

DESIGNED: CYNTHIA HORNER	DATE: ####	RECORD DRAWING	
DRAWN: ERIK CHIN	DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA	DATE: ####		

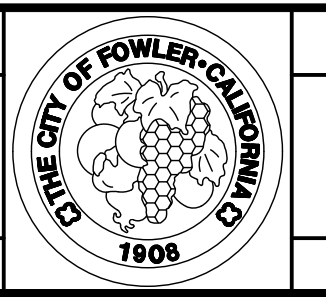
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



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 SUPERVISING ENGINEER      DATE



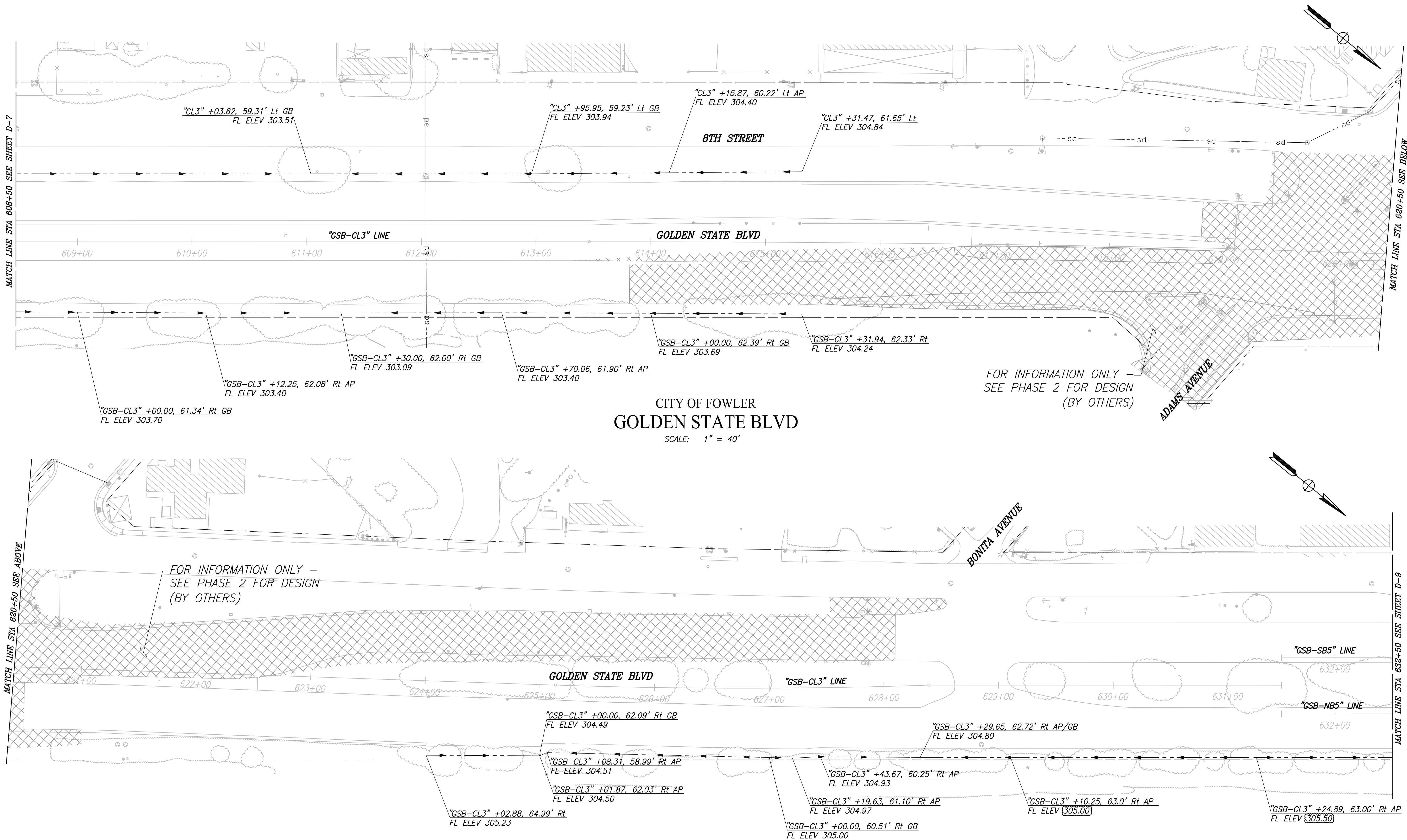
PROJECT - PHASE 1  
 GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
 AND INFRASTRUCTURE IMPROVEMENTS  
 FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
**DRAINAGE PLAN**  
 DRAWING NO. D-7      SHEET NO. 67A      TOTAL 143

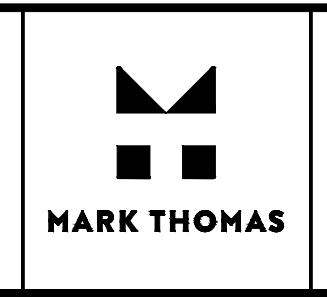
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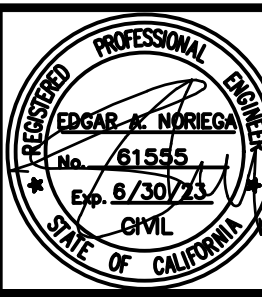
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DRAWN: ERIK CHIN		DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA		DATE: ####		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



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SUPERVISING ENGINEER

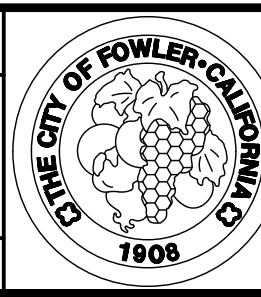
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**PROJECT - PHASE 1**

**GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
AND INFRASTRUCTURE IMPROVEMENTS**

FOWLER REGION



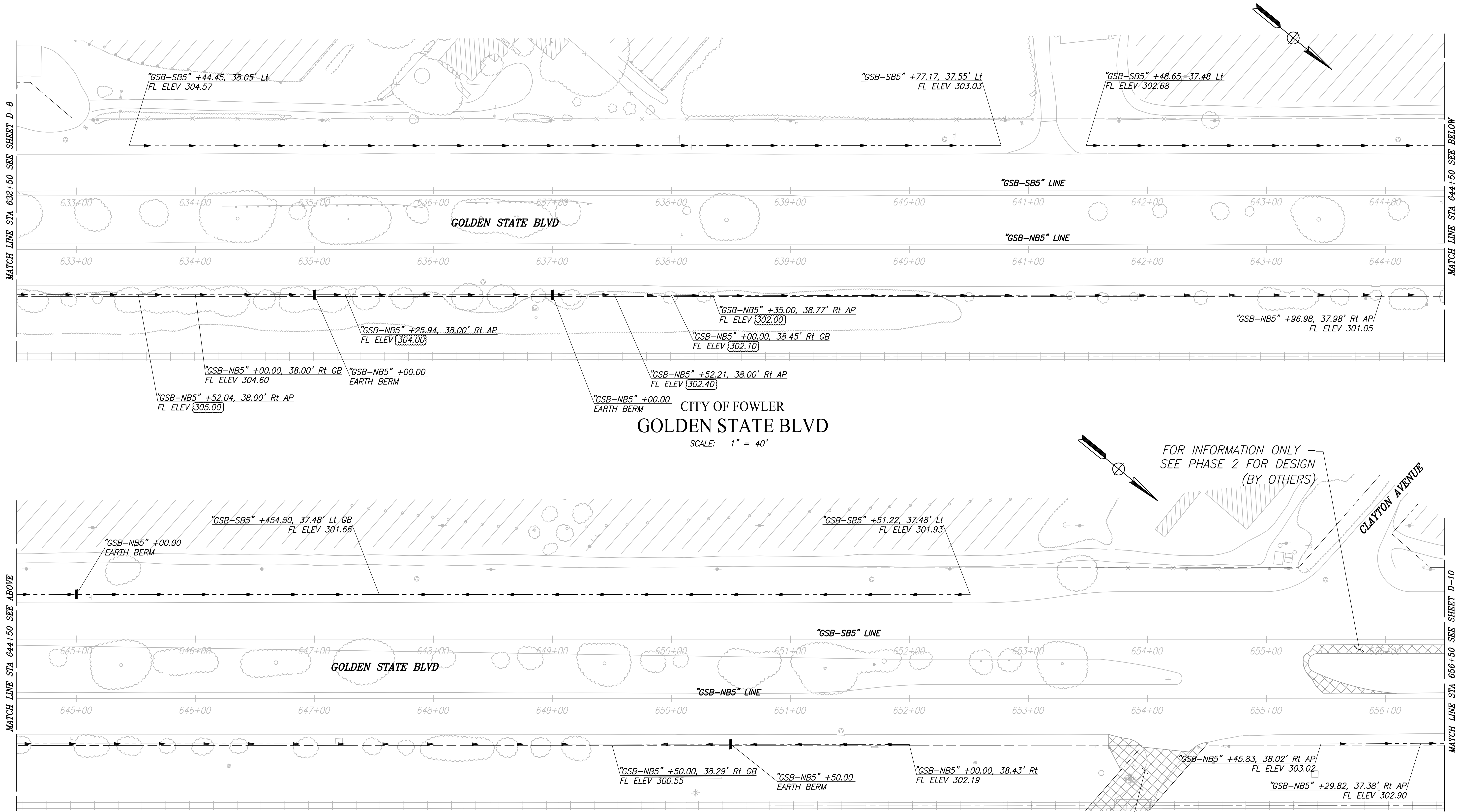
*DEPARTMENT OF PUBLIC WORKS AND PLANNING*

**DRAINAGE PLAN**

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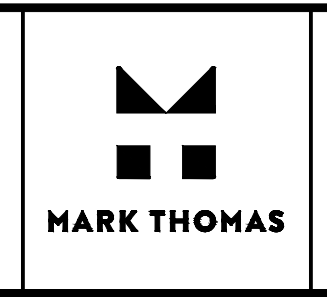


**CITY OF FOWLER**  
**GOLDEN STATE BLVD**  
SCALE: 1" = 40'

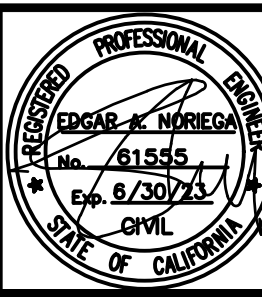
FOR INFORMATION ONLY -  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

FOR INFORMATION ONLY -  
SEE PHASE 2 FOR DESIGN  
(BY OTHERS)

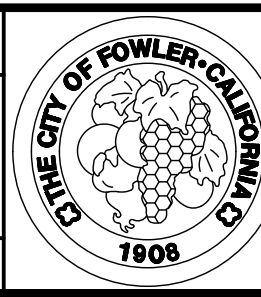
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DRAWN: ERIK CHIN		DATE: ####	RESIDENT ENGINEER	DATE
CHECKED: ED NORIEGA		DATE: ####		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.				



\_\_\_\_\_  
SUPERVISING ENGINEER      DATE



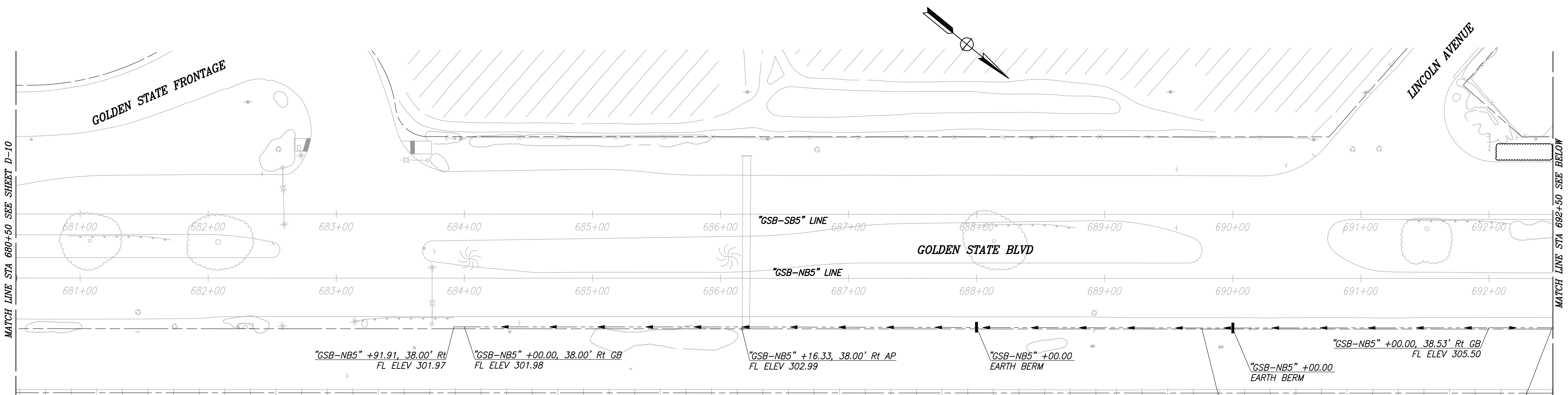
**PROJECT - PHASE 1**  
**GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS**  
FOWLER REGION



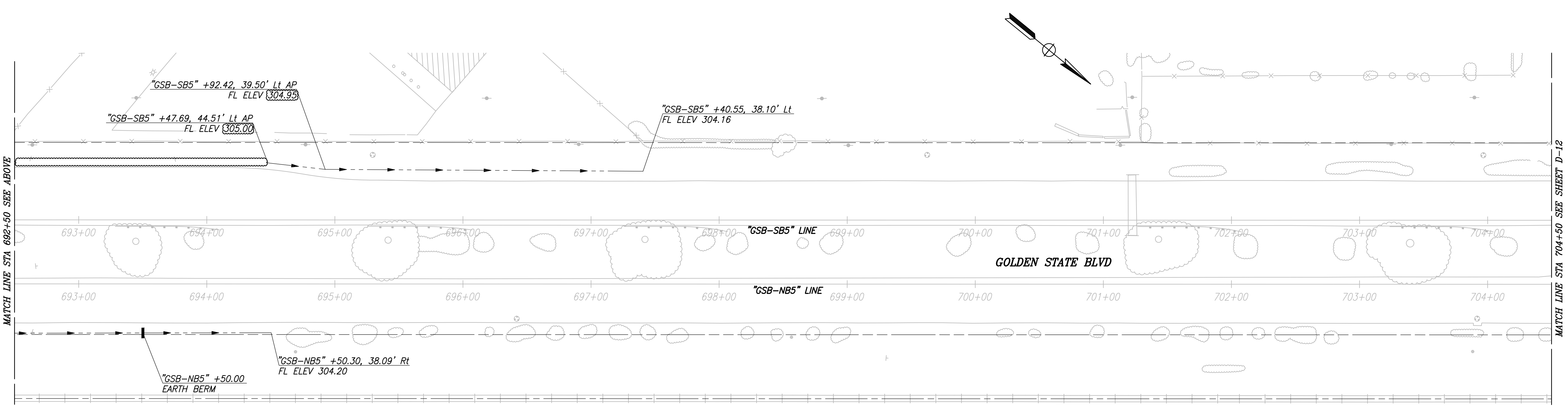
**DEPARTMENT OF PUBLIC WORKS AND PLANNING**  
**DRAINAGE PLAN**  
DRAWING NO. D-9      SHEET NO. 69A      TOTAL 143

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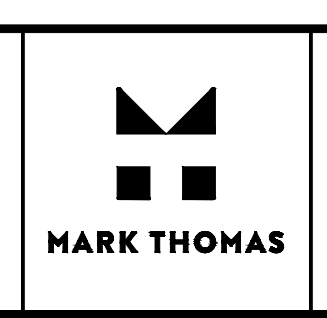


CITY OF FOWLER  
GOLDEN STATE BLVD



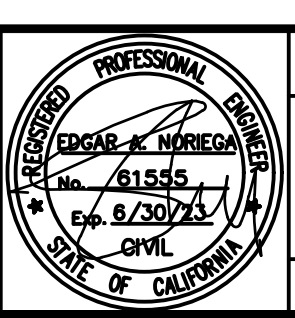
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DRAWN: ERIK CHIN	DATE: ####
CHECKED: ED NORIEGA	DATE: ####

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



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SUPERVISING ENGINEER

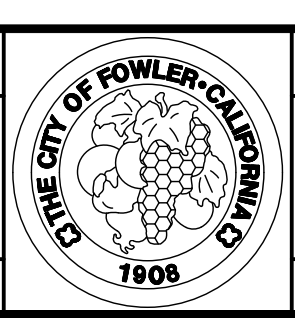
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PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION



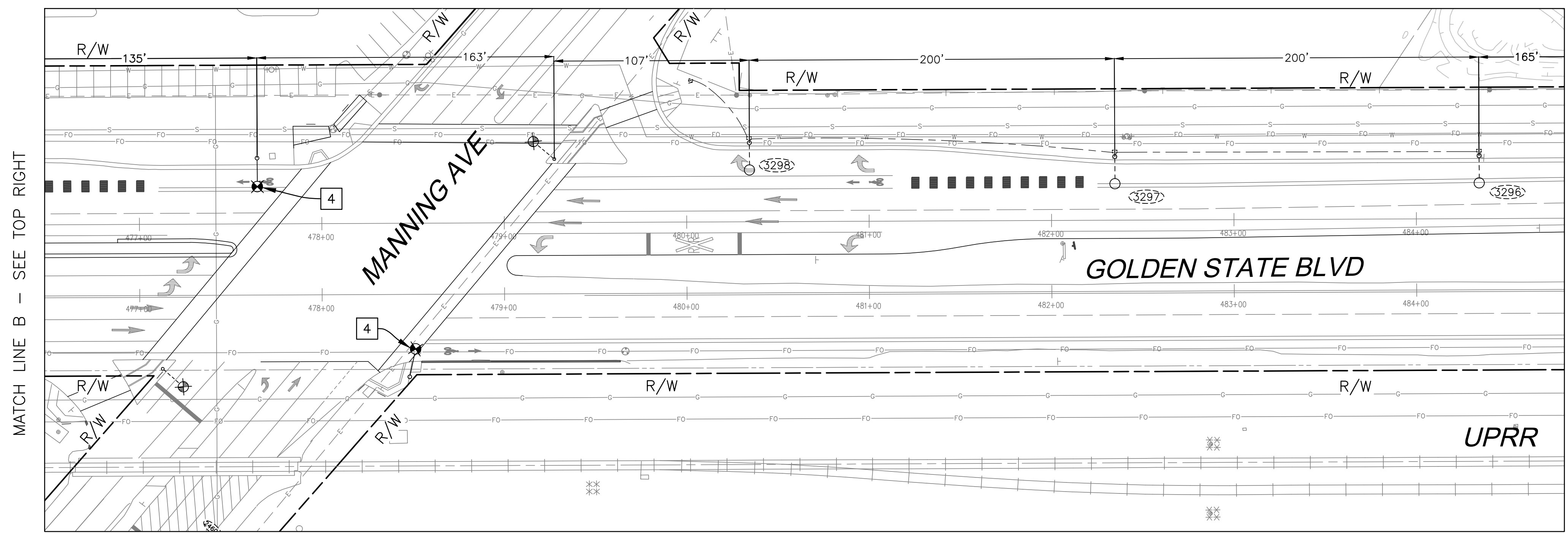
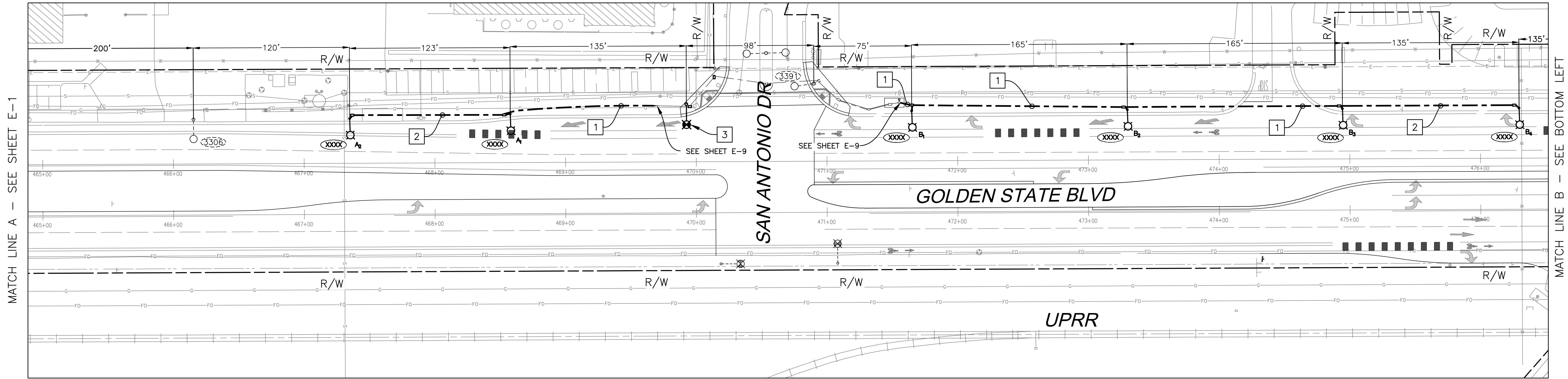
DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

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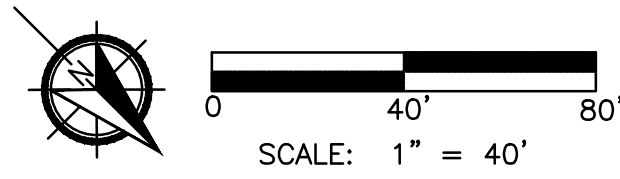


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 PLOT DATE: 9/20/2022 1:53:55 PM  
 CAD USER: CAYALA



POLE PLACEMENT LOCATION		
POLE	LOCATION	DIRECTION
A <sub>1</sub>	GOLDEN STATE BLVD STA 468 + 57.80, 36.99' L	SB
A <sub>2</sub>	GOLDEN STATE BLVD STA 467 + 34.94, 34.14' L	SB
B <sub>1</sub>	GOLDEN STATE BLVD STA 471 + 64.91, 38.17' L	SB
B <sub>2</sub>	GOLDEN STATE BLVD STA 473 + 29.90, 38.28' L	SB
B <sub>3</sub>	GOLDEN STATE BLVD STA 474 + 94.48, 38.38' L	SB
B <sub>4</sub>	GOLDEN STATE BLVD STA 476 + 29.59, 38.24' L	SB

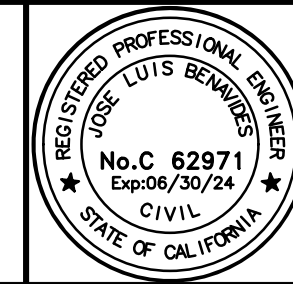
USA  
 KNOW WHAT'S BELOW  
 BEFORE YOU DIG,  
 CALL  
 1-800-227-2600



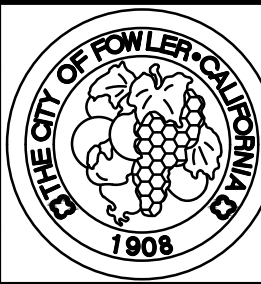
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DESIGNED:	J. BENAVIDES	09/20/2022	RESIDENT ENGINEER
DRAWN:	C. AYALA-MAGANA	09/20/2022	
CHECKED:	J. RIOS	09/20/2022	



*Jose L. Banares*  
 SUPERVISING ENGINEER  
 DATE: 09/20/2022

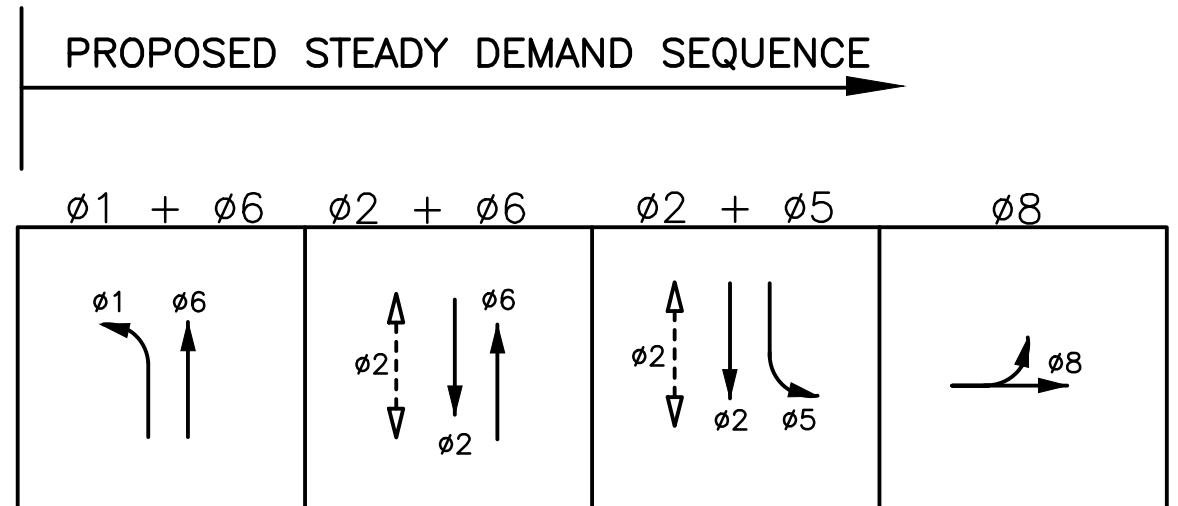


PROJECT  
 GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
 AND INFRASTRUCTURE IMPROVEMENTS  
 FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
 GOLDEN STATE BLVD  
 STREET LIGHTING  
 DRAWING NO. E-2 SHEET NO. 111A TOTAL 143

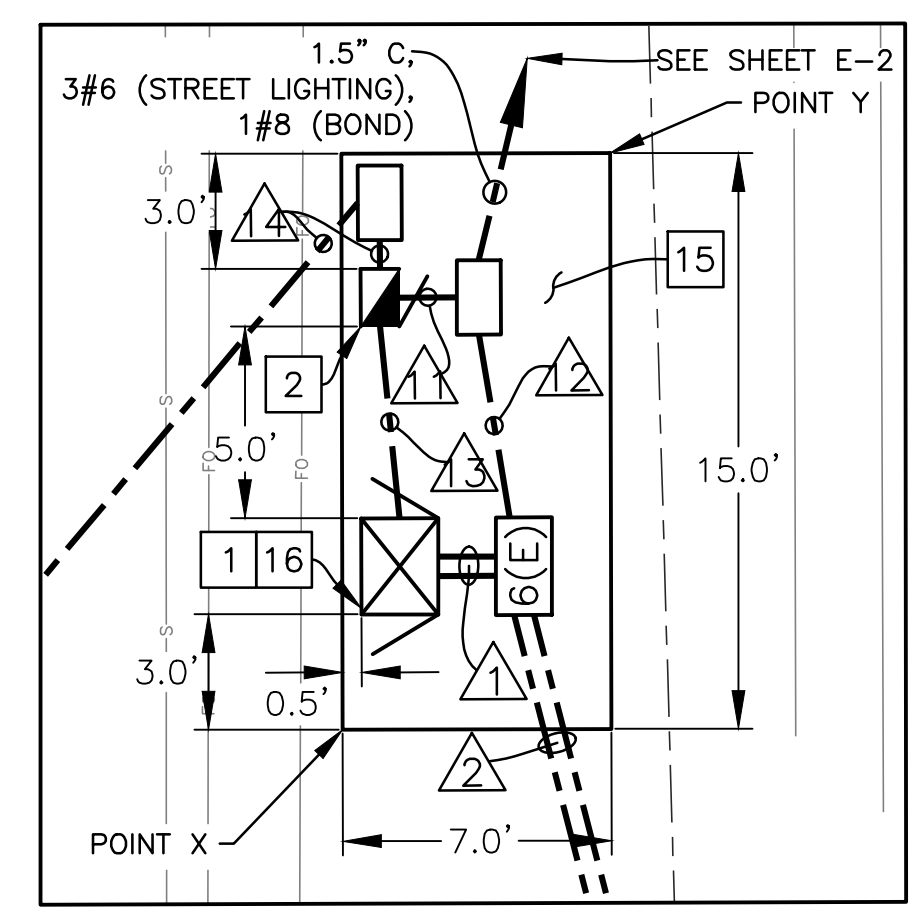
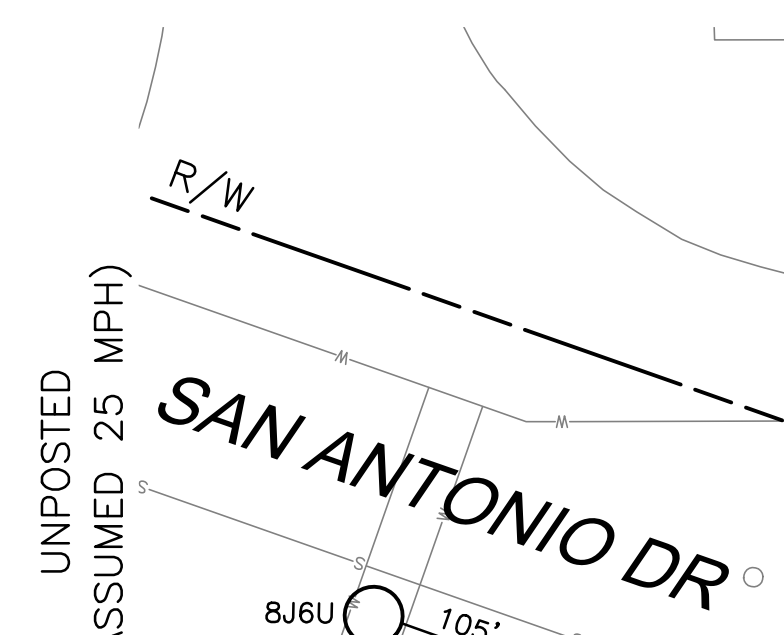
CAD: USFR, CAVALA  
 PLOT DATE: 9/20/2022 1:36:09 PM  
 PROJECT: 109-009 Golden State Blvd at San Antonio Dr  
 DRAWING: Traffic Signal Design  
 COUNTY: Fresno  
 CITY: Golden State Blvd at San Antonio Dr



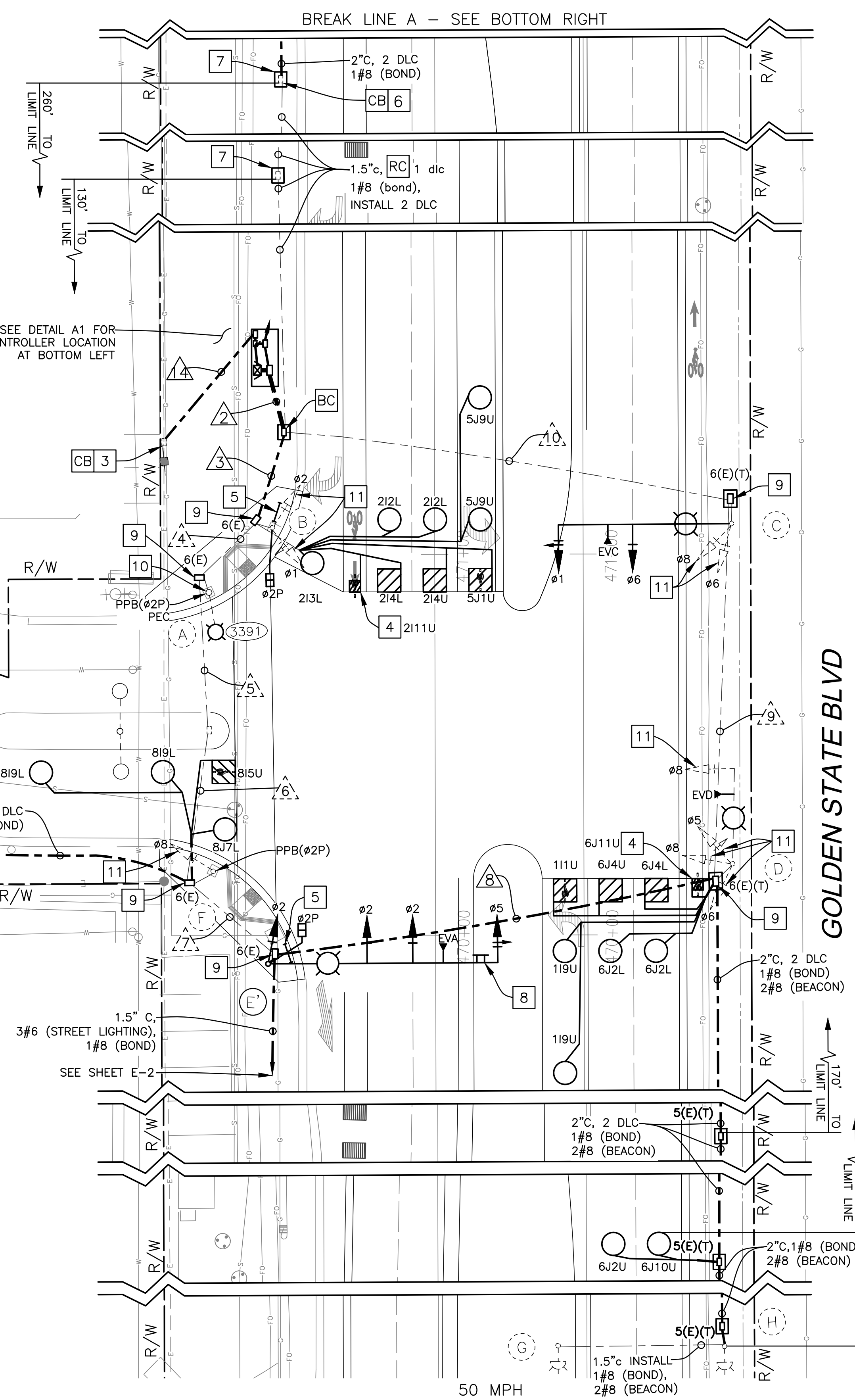
**PROPOSED PHASE DIAGRAM**

**EMERGENCY VEHICLE PREEMPTION (EVP)**  
 EVA = Ø2 + Ø5  
 EVC = Ø6 + Ø1  
 EVD = Ø8

SEE DETAIL A1 FOR CONTROLLER LOCATION AT BOTTOM LEFT



**CONTROLLER LOCATION - DETAIL A1**  
NO SCALE



GOLDEN STATE BLVD

**PROJECT NOTES (SHEETS E-9 TO E-11 ONLY):**

- 1 FURNISH AND INSTALL 2070XL CONTROLLER WITH THE MOST CURRENT NAZTEC V76.15Z FIRMWARE AND 2070-7A CARD. CONTROLLER AND MODULES SHALL BE FULLY COMPATIBLE WITH EXISTING CITY OF FRESNO TRAFFIC OPERATIONS CENTER SYSTEM & SOFTWARE WITHOUT ANY ADDITIONAL COST OR UPGRADES TO THE CITY. NEW TYPE 332L CABINET WITH ALL ANCILLARY DEVICES FOR A FULL EIGHT PHASE OPERATION AS SPECIFIED IN THE SPECIFICATIONS. NEW MODEL 332L SHALL BE MODIFIED TO CITY OF FRESNO STD. DWG. E-34A AND E-34B FOR PREEMPTION AND C115 CABLE WIRING. FRONT DOOR SHALL FACE NORTH. FURNISH AND INSTALL GPS CLOCK.
- 2 FURNISH AND INSTALL 26-100 SERVICE ENCLOSURE. CONTRACTOR SHALL COORDINATE WITH PG&E FOR POINT OF SERVICE CONNECTION AND METER SET.
- 3 EXISTING PG&E POINT OF SERVICE LOCATION BOX.
- 4 INSTALL 3'X3' BIKE LOOP PER DETAIL D ON SHEET ED-1.
- 5 FURNISH AND INSTALL TYPE I PED BARRICADE WITH R9-3.
- 6 RS EXISTING PULLBOX LID; FURNISH AND INSTALL NEW TRAFFIC RATED PULLBOX LID AND ADJUST PULLBOX TO NEW GRADE.
- 7 FURNISH AND INSTALL A 12" CONCRETE COLLAR EQUAL TO THE DEPTH OF THE EXISTING PULL BOX PLUS EXTENSION.
- 8 FURNISH AND INSTALL R73-2 (MOD) "U-TURN ONLY" PER DETAIL J ON SHEET ED-1.
- 9 RC EXISTING PULLBOX AND BC A NEW PULL BOX
- 10 INSTALL TS4 TERMINAL COMPARTMENT 72" TO THE BOTTOM.
- 11 RS EXISTING SIGNAL HEAD BACK PLATE. FURNISH AND INSTALL NEW BACK PLATE WITH 2 INCH MINIMUM YELLOW RETROREFLECTIVE STRIP ALONG PERIMETER OF SIGNAL BACKPLATE TO PROJECT A RECTANGULAR APPEARANCE AT NIGHT.
- 12 RS EXISTING SIGNAL HEAD BACK PLATE.
- 13 RS CONTROLLER CABINET AND SERVICE CABINET. COMPLETELY REMOVE AND DISPOSE OF CONTROLLER CABINET AND SERVICE PESTAL FOUNDATIONS AND CONCRETE FLAT WORK.
- 14 EXISTING 2" c. PG&E CONDUCTORS. CONTRACTOR TO COORDINATE WITH PG&E FOR THE DISCONNECT AND REMOVAL OF EXISTING CONDUCTORS ONCE THE NEW SERVICE ENCLOSURE AND CABINET ARE OPERATIONAL.
- 15 INSTALL 7' X 15' 3.5" PCC PAD PER CITY OF FRESNO STANDARD P-5.
- 16 THE SIGNAL TIMING PLAN WILL BE PREPARED BY THE DESIGN CONSULTANT TEAM DURING THE PRODUCT SUBMITTAL PROCESS.

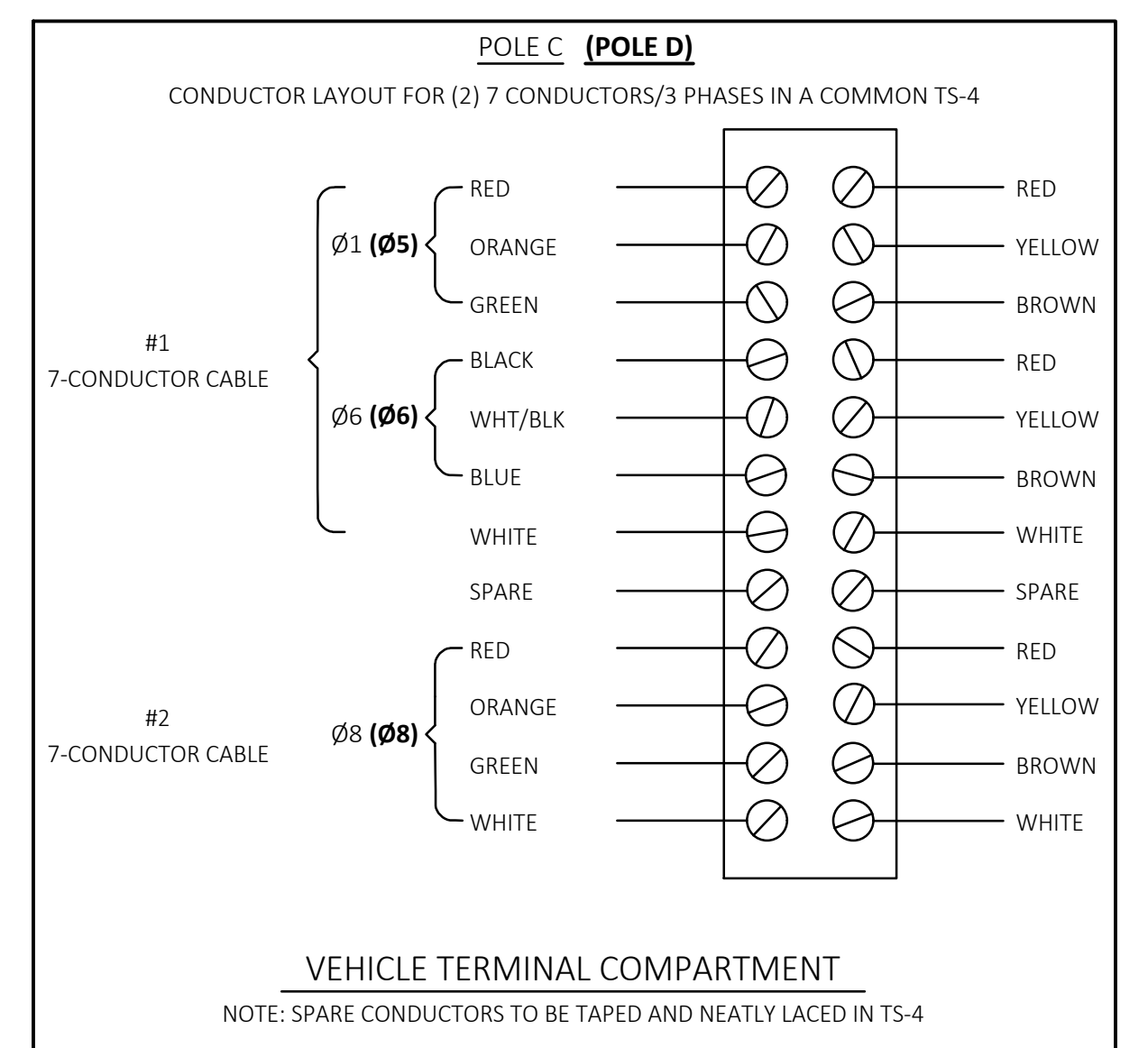
**CONSTRUCTION NOTES (SHEETS E-9 TO E-11 ONLY):**

1. ALL PULL BOXES ACCESSED BY CONTRACTOR SHALL BE CLEANED OF ALL DIRT AND DEBRIS, ANY CRACKS GROUTED AND ALL CONDUITS DUCT SEALED.
2. ALL PULLBOXES SHALL BE LEVELED TO FINISH GRADE (NEW AND EXISTING).
3. ALL PULLBOXES IN DIRT AREAS SHALL HAVE 1" COLLAR PER GENERAL NOTE 10.
4. ANY PULLBOXES BROKEN/DAMAGED BY CONTRACTOR, SHALL BE REPLACED.
5. ALL PULLBOXES SHALL HAVE LOCKING LIDS. TRAFFIC RATED LIDS SHALL BE WELDED CLOSED AFTER FINAL INSPECTION.
6. ALL EXISTING CONDUCTORS NOT BEING REUSED SHALL BE REMOVED.

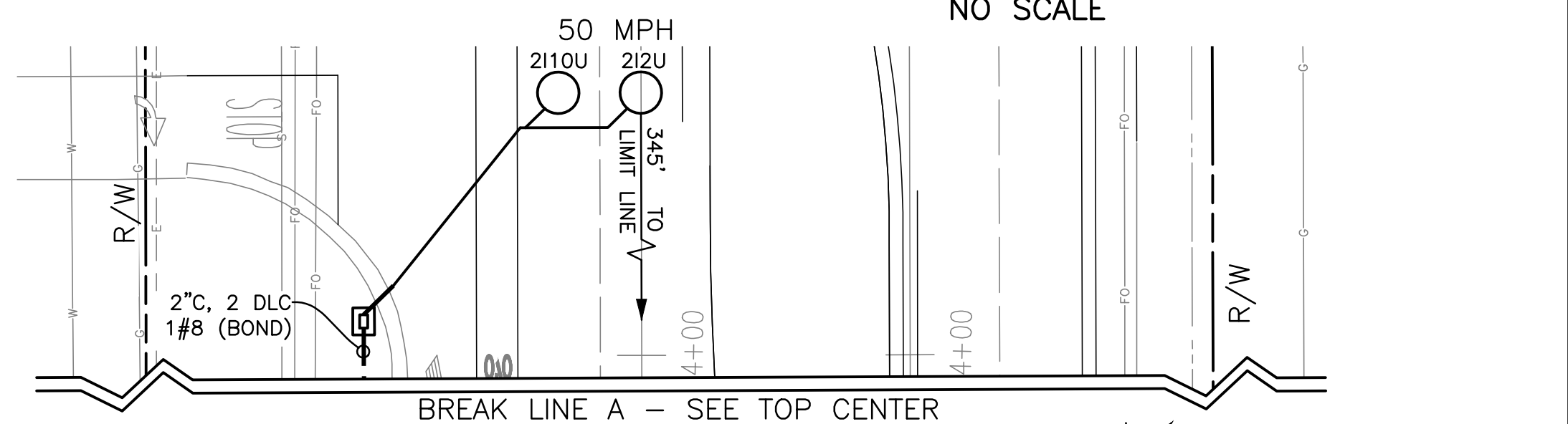
POLE PLACEMENT LOCATION		
POLE	LOCATION	DIRECTION
E	GOLDEN STATE BLVD STA 469 + 92.58, 44.02' L	SB
POINT X	GOLDEN STATE BLVD STA 471 + 44.19, 47.96' L	SB
POINT Y	GOLDEN STATE BLVD STA 471 + 59.19, 40.96' L	SB

**LEGEND (SHEETS E-9 TO E-11 ONLY):**

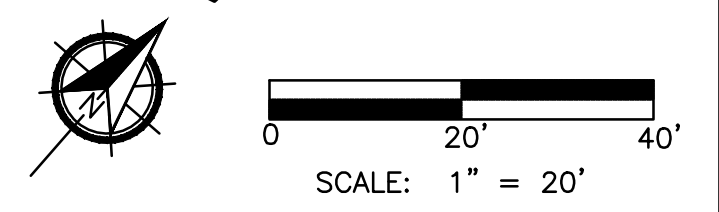
- TYPE E CIRCULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED.
- ▨ TYPE D LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED. BICYCLE DETECTOR SYMBOL TO BE INSTALLED PER CALTRANS STANDARD PLAN A24-C ON CENTER OF THE DETECTOR WHERE SHOWN ON PLAN. ARROW SIGNIFIES DIRECTION OF TRAVEL.
- EXISTING TYPE A LOOP DETECTOR.
- ▲ EMERGENCY VEHICLE PREEMPTION (EVP) DETECTION UNIT. EVX (DENOTES CHANNEL).
- NEW CONDUIT.
- - - EXISTING CONDUIT.
- EXISTING LUMINAIRE.
- EXISTING PULL BOX
- FURNISH AND INSTALL No. 5(E) PULL BOX UNLESS OTHERWISE NOTED.
- ▣ FURNISH AND INSTALL No. 5(E) PULL BOX, UNLESS OTHERWISE NOTED, WITH A 12" CONCRETE COLLAR EQUAL TO THE DEPTH OF THE PULL BOX PLUS EXTENSION.
- ▣ EXISTING PULL BOX. FURNISH AND INSTALL A 12" CONCRETE COLLAR EQUAL TO THE DEPTH OF THE PULL BOX PLUS EXTENSION.
- CB INSTALL NEW CONDUIT INTO EXISTING PULL BOX.
- BC INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- AB ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- RS REMOVE AND SALVAGE EQUIPMENT.
- RC EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.
- FA FOUNDATION TO BE ABANDONED. REMOVE TOP OF FOUNDATION TO A POINT 36" BELOW THE FINISH GRADE.



**DETAIL A2**  
NO SCALE



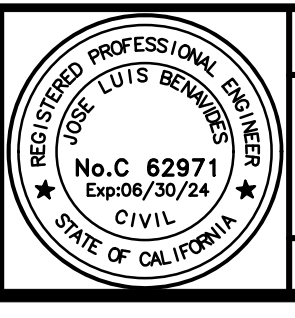
CITY OF FRESNO TRAFFIC SIGNAL AND STREET LIGHTS SUPERVISOR DATE



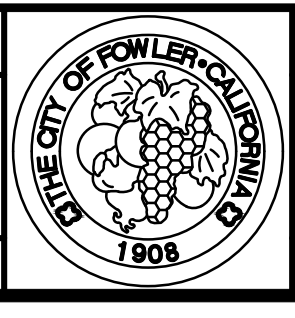
DESIGNED:	DATE:	RECORD DRAWING	
J. BENAVIDES	09/20/2022	RESIDENT ENGINEER	DATE
C. AYALA-MAGANA	09/20/2022		
J. RIOS	09/20/2022		



*Jose L. Bonard*  
 SUPERVISING ENGINEER DATE 09/20/2022



**PROJECT**  
 GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS  
 FOWLER REGION



**DEPARTMENT OF PUBLIC WORKS AND PLANNING**  
**GOLDEN STATE BLVD AT SAN ANTONIO DR**  
**TRAFFIC SIGNAL MODIFICATION**  
 DRAWING NO. E-9 SHEET NO. 118A TOTAL 143

PLOT DATE: 9/20/2022 1:43:12 PM CAD: USFR - CALVA A PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State Blvd at San Antonio Dr\Golden State Blvd at San Antonio Dr\Signal Designs\2e Golden State Blvd at San Antonio Dr\Traffic Signal PS&E\1 Traffic Signal PS&E\CONDUCTOR SCHEDULE.dwg

CONDUCTOR SCHEDULE

Table with columns for AWG OR CABLE, POLE, Ø, and CONDUIT RUN NUMBER AND SIZE (1-14). Includes rows for 7 COND. CABLE (VEH.), 5 COND. CABLE (PED), and 3 COND. CABLE (PPB).

\* NUMBER INDICATIONS ARE THE NUMBER OF CABLES WITHIN CONDUIT.

EQUIPMENT SCHEDULE

Table with columns: No., STANDARD (Type, Sig., M.A., Lum.M.A.), VEH SIG MTG (Mast Arm, Pole), PED SIGNAL (Ø, MTG), PPB (Ø, ARROW), LED LUMINAIRE WATTAGE, PG&E POLE #, and SPECIAL REQUIREMENTS.

- NOTES: 1. ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE NOTED WITH (N). 2. ALL INDICATIONS SHALL BE 12" LED MODULES. 3. STREET NAME SIGNS SHALL BE WHITE LETTERS ON GREEN BACKGROUND...

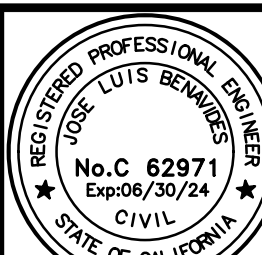
GENERAL NOTES (SHEETS E-9 TO E-11 ONLY):

- 1. WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 2015 EDITION. 19. SAFETY LUMINAIRE SHALL BE LED PER CITY OF FRESNO SPECIFICATIONS (SECTION 23-1.23) FOR SAFETY LUMINAIRE REQUIREMENTS.

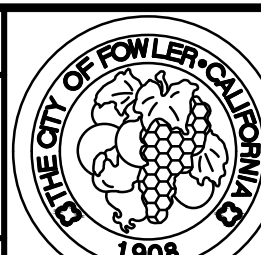
Table with columns: DATE, RECORD DRAWING, RESIDENT ENGINEER, DATE. Includes fields for DESIGNED, DRAWN, and CHECKED.



Supervising Engineer signature and stamp: Joe L. Bonard, 09/20/2022

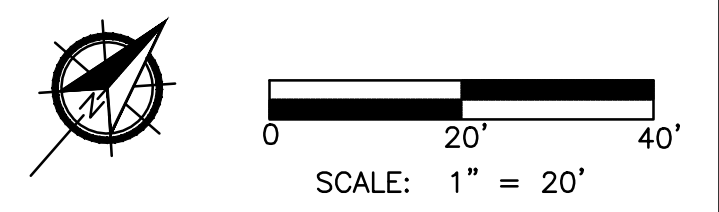
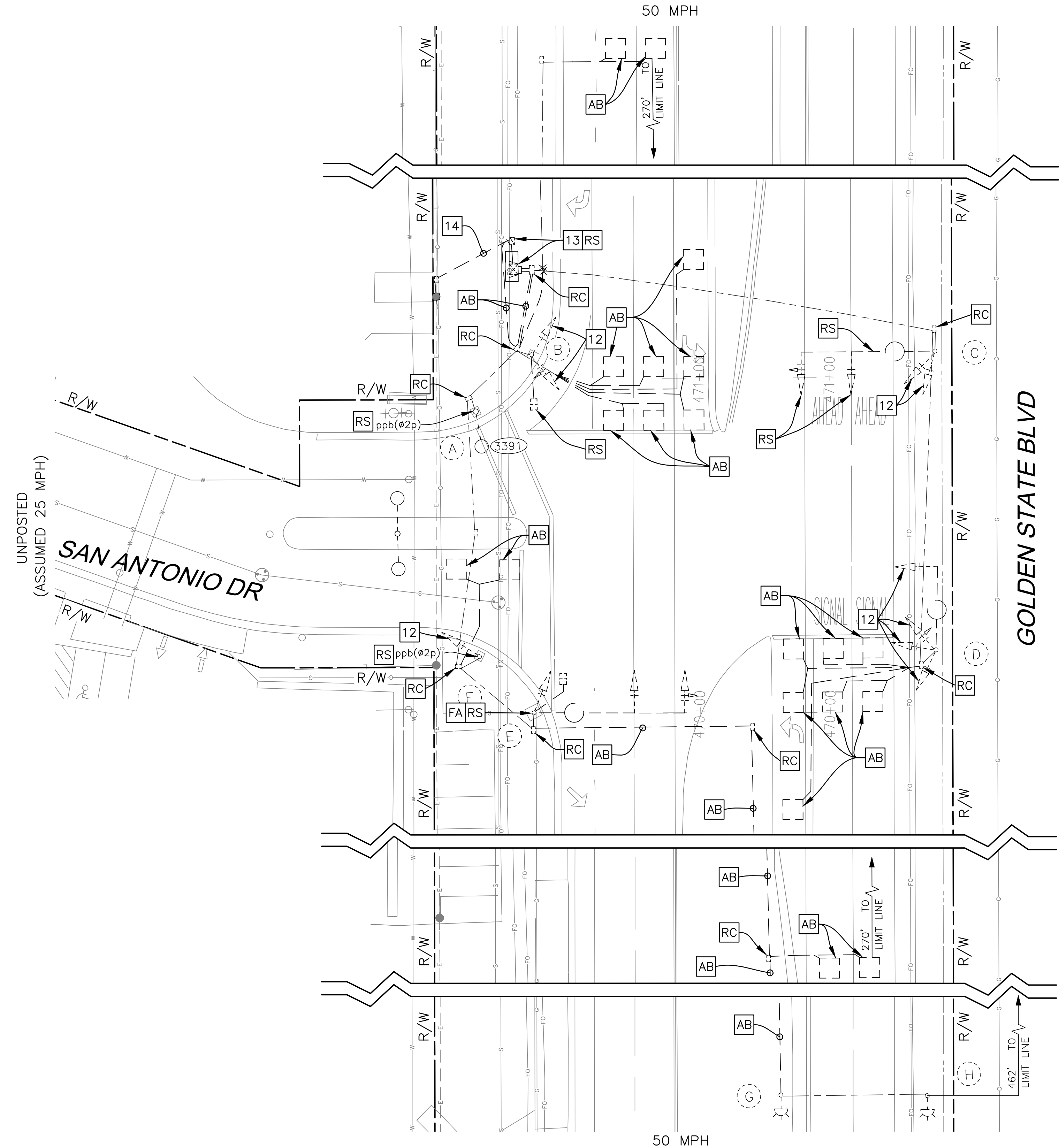


PROJECT: GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS, FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING, GOLDEN STATE BLVD AT SAN ANTONIO DR EQUIPMENT AND CONDUCTOR SCHEDULE, DRAWING NO. E-10, SHEET NO. 119A, TOTAL 143

P:\Projects\009-Fresno County\009-009 Golden State PS&E\Traffic Signal Designs\2e-Golden State Blvd at San Antonio Dr\Golden State Blvd at San Antonio Dr.dwg  
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 PLOT DATE: 9/20/2022 1:43:30 PM



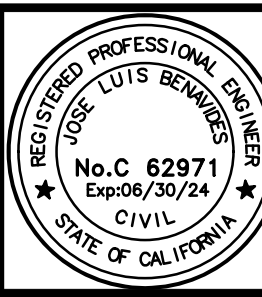
DATE		RECORD DRAWING	
DESIGNED:	J. BENAVIDES	09/20/2022	RESIDENT ENGINEER
DRAWN:	C. AYALA-MAGANA	09/20/2022	
CHECKED:	J. RIOS	09/20/2022	

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

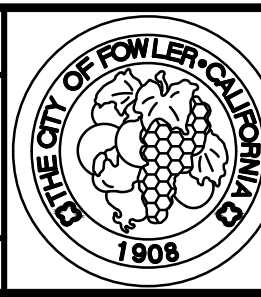


**JLB TRAFFIC**  
 ENGINEERING, INC.  
 516 W. SHAW AVE., STE. 103  
 FRESNO, CA 93704  
 PHONE: (559) 570-8991  
 EMAIL: info@JLBTraffic.com

*Jose L. Benavides*  
 SUPERVISING ENGINEER  
 DATE: 09/20/2022



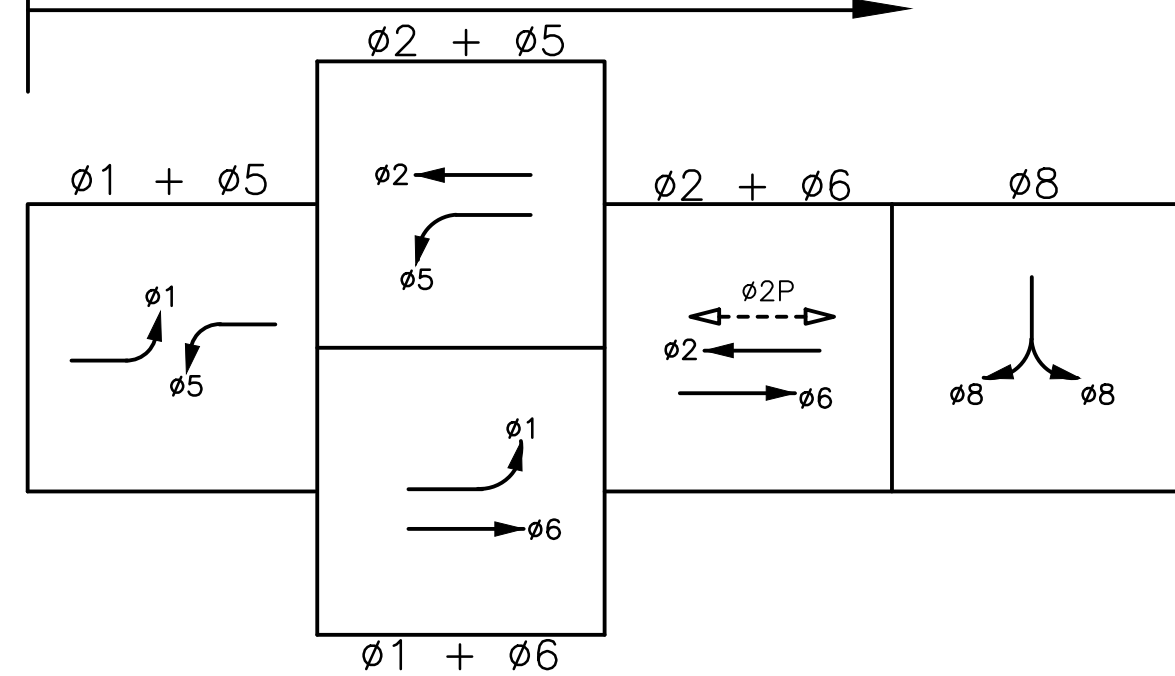
PROJECT  
 GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
 AND INFRASTRUCTURE IMPROVEMENTS  
 FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
 GOLDEN STATE BLVD AT SAN ANTONIO DR  
 TRAFFIC SIGNAL DEMOLITION PLAN  
 DRAWING NO. E-11 SHEET NO. 120A TOTAL 143

P:\TH\Z:\01 Projects\1009-Fresno County\1009-009 Golden State Corridor Traffic Signal Designs\2a-Golden State Blvd at Jug Handle to Clovis Ave\Golden State Blvd at Jug Handle to Clovis Ave.dwg PLOT DATE: 9/20/2022 12:01:56 PM CAD USER: CALYALA

**PROPOSED STEADY DEMAND SEQUENCE**

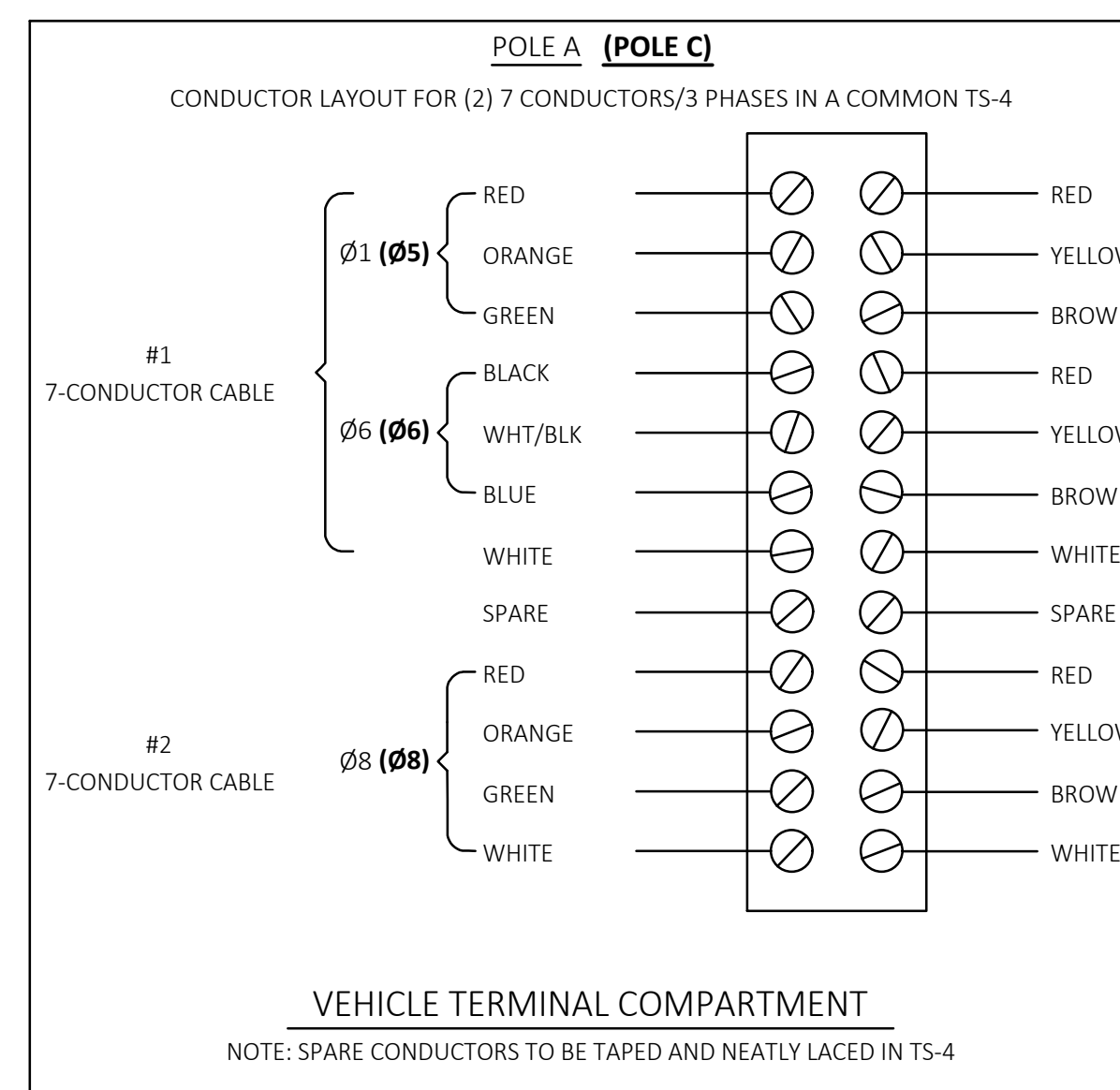


**PROPOSED PHASE DIAGRAM**

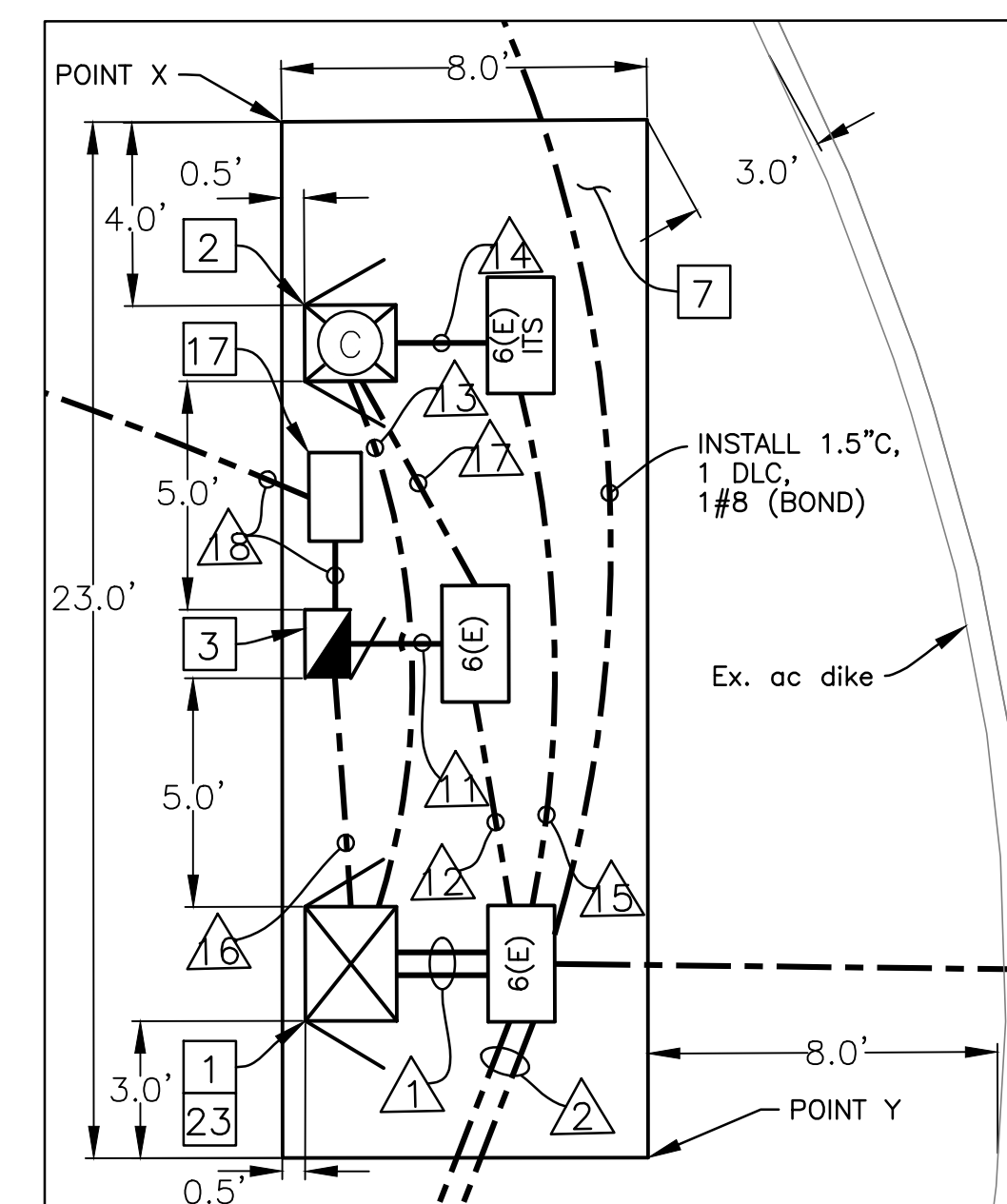
**EMERGENCY VEHICLE PREEMPTION (EVP)**

- EVA = ø2 + ø5
- EVC = ø6 + ø1
- EVD = ø8

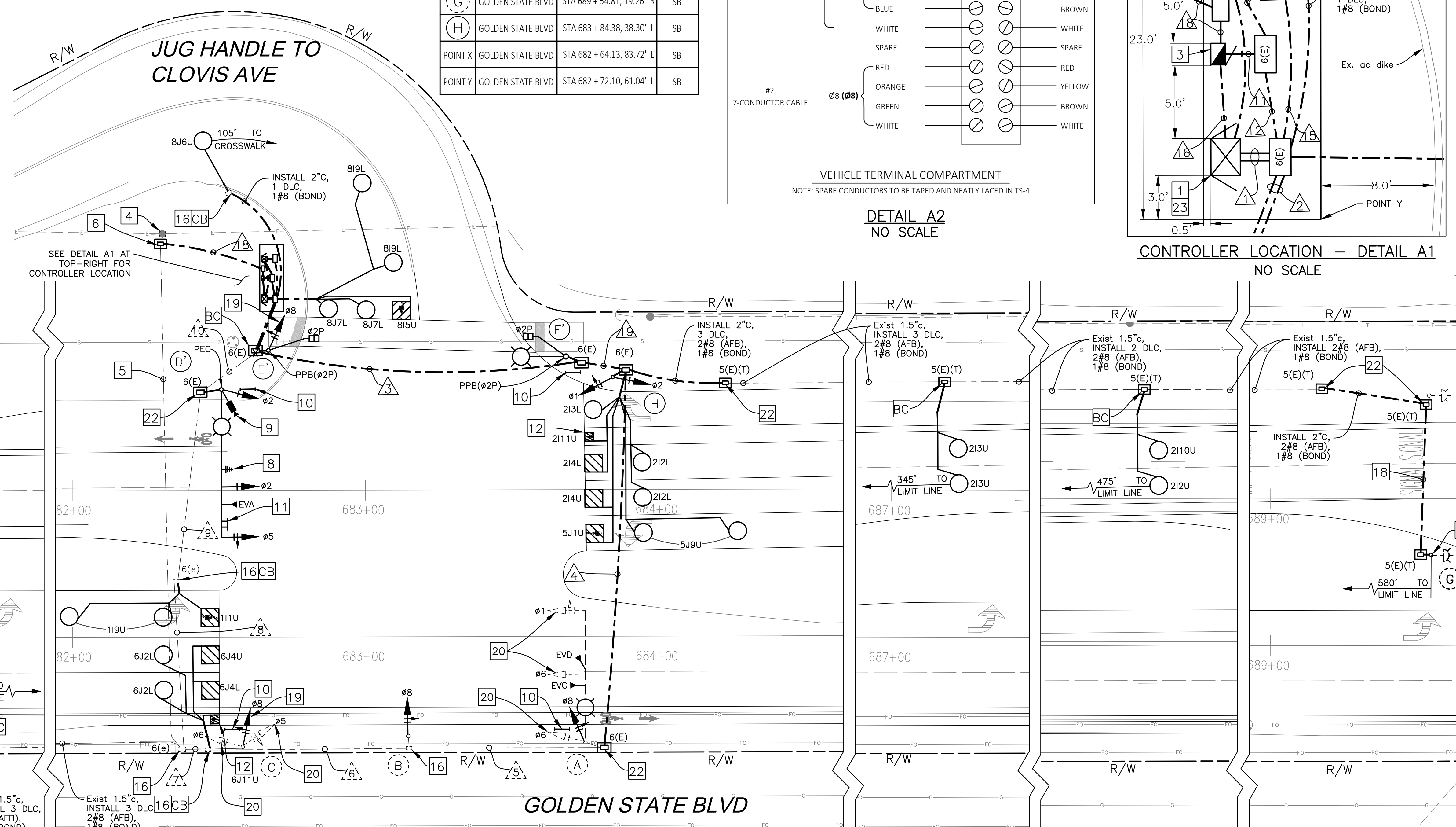
POLE PLACEMENT LOCATION		
POLE	LOCATION	DIRECTION
(D')	GOLDEN STATE BLVD STA 682 + 50.95, 34.39' L	SB
(E')	GOLDEN STATE BLVD STA 682 + 66.99, 47.66' L	SB
(F')	GOLDEN STATE BLVD STA 683 + 68.51, 45.36' L	SB
(G)	GOLDEN STATE BLVD STA 689 + 54.81, 19.26' R	SB
(H)	GOLDEN STATE BLVD STA 683 + 84.38, 38.30' L	SB
POINT X	GOLDEN STATE BLVD STA 682 + 64.13, 83.72' L	SB
POINT Y	GOLDEN STATE BLVD STA 682 + 72.10, 61.04' L	SB



**DETAIL A2**  
NO SCALE



**CONTROLLER LOCATION - DETAIL A1**  
NO SCALE



**GOLDEN STATE BLVD**

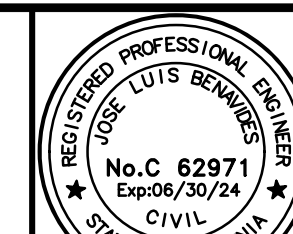
CITY OF FRESNO TRAFFIC SIGNAL AND STREET LIGHTS SUPERVISOR DATE

DESIGNED:	DATE	RECORD DRAWING	DATE
J. BENAVIDES	09/20/2022	RESIDENT ENGINEER	
C. AYALA-MAGANA	09/20/2022		
J. RIOS	09/20/2022		

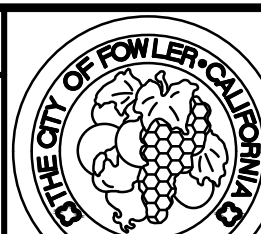


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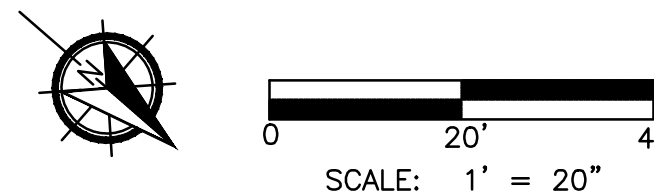
*Jose L. Bonard*  
SUPERVISING ENGINEER  
DATE: 09/20/2022



**PROJECT**  
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT  
AND INFRASTRUCTURE IMPROVEMENTS  
FOWLER REGION



**DEPARTMENT OF PUBLIC WORKS AND PLANNING**  
GOLDEN STATE BLVD AT JUG HANDLE TO  
CLOVIS AVE TRAFFIC SIGNAL MODIFICATION  
DRAWING NO. E-30 SHEET NO. 139A TOTAL 143





P:\TH-Z\01-Projects\009-Fresno County\009-009 Golden State PS&E\Traffic Signal Designs\2a-Golden State Blvd at Jug Handle to Clovis Ave\Golden State Blvd at Jug Handle to Clovis Ave\Golden State Blvd at Jug Handle to Clovis Ave\CAD\USFR-CAL\A

CONDUCTOR SCHEDULE																					
AWG OR CABLE	POLE	Ø	CONDUIT RUN NUMBER AND SIZE																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
			2-4"	2-4"	4"	4"	3"	3"	3"	3"	3"	3"	2"	2"	2-1 1/2"	4-1 1/2"	2-1 1/2"	1 1/2"	2"	2"	4"
CONDUIT FILL			14%	15%	16%	6%	3%	1%	9%	13%	15%	24%	17%	15%	2%	1%	1%	14%	4%	13%	14%
7 COND. CABLE (VEH.) *	(A)	1,6,8	2	2	2	2														2	
	(B)	8	1	1	1	1	1													1	
	(C)	5,6,8	2	2				2	2	2	2										
	(D)	2,5	1	1							1										
5 COND. CABLE (PED.) *	(E)	8	1	1																	
	(F)	2P	1	1	1																
	(H)	1,2	1	1	1															1	
	TOTAL		8	8	4	3	1		2	2	2	3								4	
3 COND. CABLE (PPB)	(D)	2P	1	1							1										
	(F)	2P	1	1	1																
TOTAL		2	2	1							1										
TYPE C DETECTOR LEAD-IN CABLE	Ø1		2	2							2	2									
	Ø2		8	8	8															8	
	Ø5		2	2	2															2	
	Ø6		7	7					4	7	7	7									
	Ø8		4																		
	PED PUSH BUTTON											1									
TOTAL DLC		23	19	10				4	7	9	10								10		
# 2	SERVICE																			3	
# 4	SIGNAL POWER																	2			
# 8	SAFETY LIGHTS		2	2	2						2	2	2							2	
# 8	FLASHING BEACON		4	2					2	2	2	4	4							2	
# 8	BONDING WIRE	1	1	1	1	1	1	1	1	1	1	1	1				1	1		1	
# 12	PEU CONTROL		3									3	3	3							
# 12	ITS 336 POWER											3							3		
CAT5E	WIRELESS ANTENNA		1								1				1	1					
CAT5E	IP CAMERA		1								1				1	1					
CAT5E	CABINETS											3									
EVP CABLE 3 COND.	EVA (S/B)	1	1								1										
	EVC (N/B)	1	1	1	1															1	
	EVD (E/B)	1	1	1	1															1	


\* NUMBER INDICATIONS ARE THE NUMBER OF CABLES WITHIN CONDUIT. ALL CONDUCTORS ARE NEW UNLESS OTHERWISE INDICATED WITH "( )".

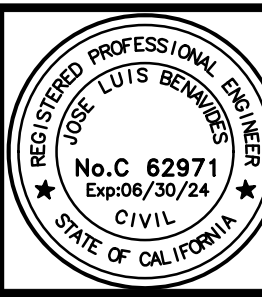
EQUIPMENT SCHEDULE												
No.	STANDARD			VEH SIG MTG		PED SIGNAL		PPB		HPS EQUIV. LUMINAIRE WATTAGE	PG&E POLE No.	SPECIAL REQUIREMENTS
	Type	Sig. M.A.	Lum.M.A.	Mast Arm	Pole	Ø	MTG	Ø	ARROW			
(A)	26-4-129	45'	15'	MAS MAS	SV-2-T	-	-	-	-	78W LED (N)	XXXX	REMOVE AND SALVAGE EXISTING Ø8 VEHICLE SIGNAL HEAD, PEDESTRIAN HEAD, PPB ASSEMBLY AND LUMINAIRE. ONCE THE PEDESTRIAN HEAD MOUNTING EQUIPMENT HAS BEEN REMOVED, THE CONTRACTOR SHALL HAVE A CERTIFIED WELDER PLUG THE HOLES ON THE SIGNAL STANDARD. MEANS AND METHOD SHALL BE PRESENTED TO THE CITY OF FRESNO TSSL FOR THEIR REVIEW AND APPROVAL. FURNISH AND INSTALL NEW Ø8 ARROW VEHICLE SIGNAL HEAD ON POLE AND LUMINAIRE ON LMA. FURNISH AND INSTALL EVC AND EVD ON SMA COMPLETE WITH MOUNTING HARDWARE. EVD SHALL BE ROTATED TO FACE JUG HANDLE TO CLOVIS AVENUE APPROACH TRAFFIC. FURNISH AND INSTALL SNS "CLOVIS AVE" COMPLETE WITH MOUNTING HARDWARE ON POLE.
(B)	1-A (10')	-	-	-	TV-1-T	-	-	-	-	-	-	REMOVE AND SALVAGE EXISTING VEHICLE SIGNAL HEAD. FURNISH AND INSTALL NEW Ø8 VEHICLE SIGNAL HEAD.
(C)	1-A (10')	-	-	-	TV-3-T	-	-	-	-	-	-	REMOVE AND SALVAGE EXISTING Ø8 VEHICLE SIGNAL HEAD, PPB ASSEMBLY AND PEDESTRIAN HEAD. ONCE THE PEDESTRIAN HEAD MOUNTING EQUIPMENT HAS BEEN REMOVED, THE CONTRACTOR SHALL HAVE A CERTIFIED WELDER PLUG THE HOLES ON THE SIGNAL STANDARD. MEANS AND METHOD SHALL BE PRESENTED TO THE CITY OF FRESNO TSSL FOR THEIR REVIEW AND APPROVAL. FURNISH AND INSTALL NEW Ø8 3-SECTION HEAD PER DETAIL P ON SHEET ED-1.
(D)	26-4-113	45'	15'	MAS MAS	SV-1-T	6	SP-1-T	8	LEFT	150W	XXXX	REMOVE AND SALVAGE EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
(D')	29-5-113 (N)	50' (N)	12' (N)	(N) MAT (N) MAS	SV-1-T (N)	-	-	-	-	78W LED (N)	XXXX	FURNISH AND INSTALL SNS "CLOVIS AVE" COMPLETE WITH MOUNTING HARDWARE ON POLE. FURNISH AND INSTALL PEC ON TOP OF POLE. FURNISH AND INSTALL R73-2 (MOD) "U-TURN ONLY" SIGN, EVA AND WIRELESS ANTENNA ON SMA COMPLETE WITH MOUNTING HARDWARE.
(E)	1-A (10')	-	-	-	TV-1-T	8	SP-1-T	6	RIGHT	-	-	REMOVE AND SALVAGE EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
(E')	1-A (10')(N)	-	-	-	TV-1-T (N)	2 (N)	SP-1-T (N)	2 (N)	LEFT (N)	-	-	
(F)	19-4-113	-	15'	-	SV-2-TA	8	SP-2-T	8	RIGHT	150W	XXXX	REMOVE AND SALVAGE EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
(F')	TYPE 15 (N)	-	12' (N)	-	-	2 (N)	SP-1-T (N)	2 (N)	RIGHT (N)	78W LED (N)	XXXX	
(G)	1-A-FBS	-	-	-	TV-1-T	-	-	-	-	-	-	RELOCATE EXISTING 1-A POLE WITH MOUNTED FLASHING BEACON AND W3-3 SIGN.
(H)	1-A (10')(N)	-	-	-	TV-2-T (N)	-	-	-	-	-	-	

- NOTES:
- ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE NOTED WITH (N).
  - ALL INDICATIONS SHALL BE 12" LED MODULES.
  - STREET NAME SIGNS SHALL BE WHITE LETTERS ON GREEN BACKGROUND 12" UPPERCASE 9" LOWERCASE, 4" BLOCK NUMBERS, 4" WIDE ARROWS, SERIES "D" TEXT ON TYPE XI DIAMOND GRADE SHEETING AND 3M TYPE XI DG3 OR APPROVED EQUAL.
  - LED INTERSECTION SAFETY LIGHT LUMINAIRES INSTALLED AND SHALL BE CREE RSWS-A-HT-3ME-6L-40K7-UL-GY-N FULL POWER: 78W, 9325 LUMEN, 4000K, CRI70-B1-U0-G2, RSWS9056&SP.
  - ALL TRAFFIC POLE STANDARDS, STREET LIGHT STANDARDS, AND 1-A POLES TO BE PER 1997 STANDARDS.
  - ALL BACKPLATES SHALL HAVE 2 INCH MINIMUM YELLOW RETROREFLECTIVE STRIP ALONG PERIMETER OF SIGNAL BACKPLATE TO PROJECT A RECTANGULAR APPEARANCE AT NIGHT.
  - ALL SIGNAL HEADS ARE TO BE MOUNTED USING A CITY APPROVED ASTRO BRACKET OR APPROVED EQUAL.

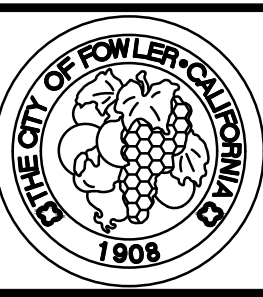
DATE	RECORD DRAWING	
DESIGNED: J. BENAVIDES	09/20/2022	RESIDENT ENGINEER
DRAWN: C. AYALA-MAGANA	09/20/2022	
CHECKED: J. RIOS	09/20/2022	



  
 SUPERVISING ENGINEER  
 DATE: 09/20/2022

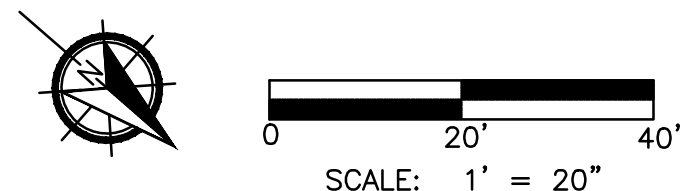
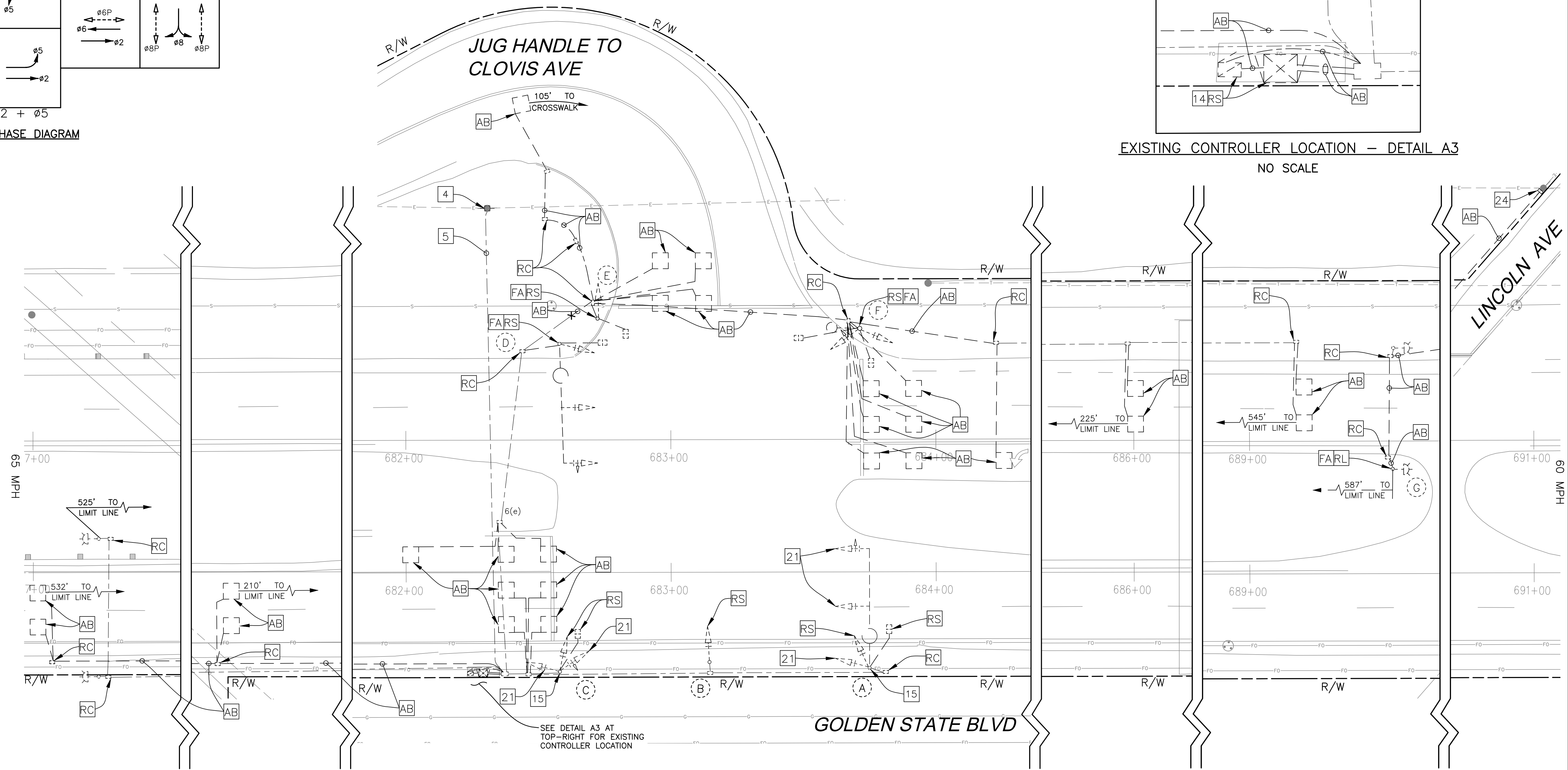
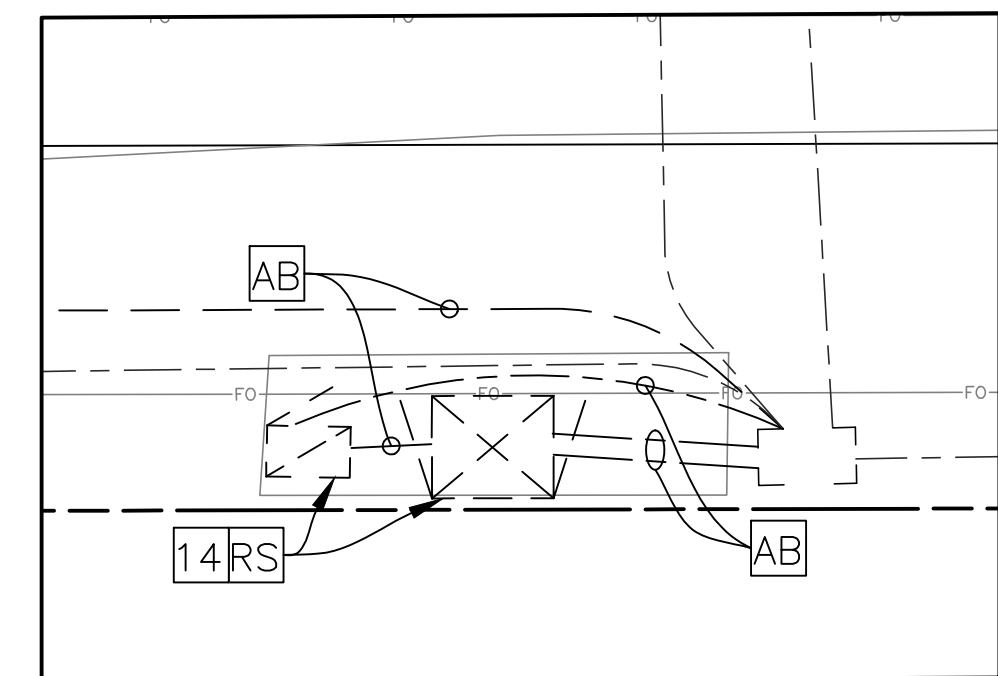
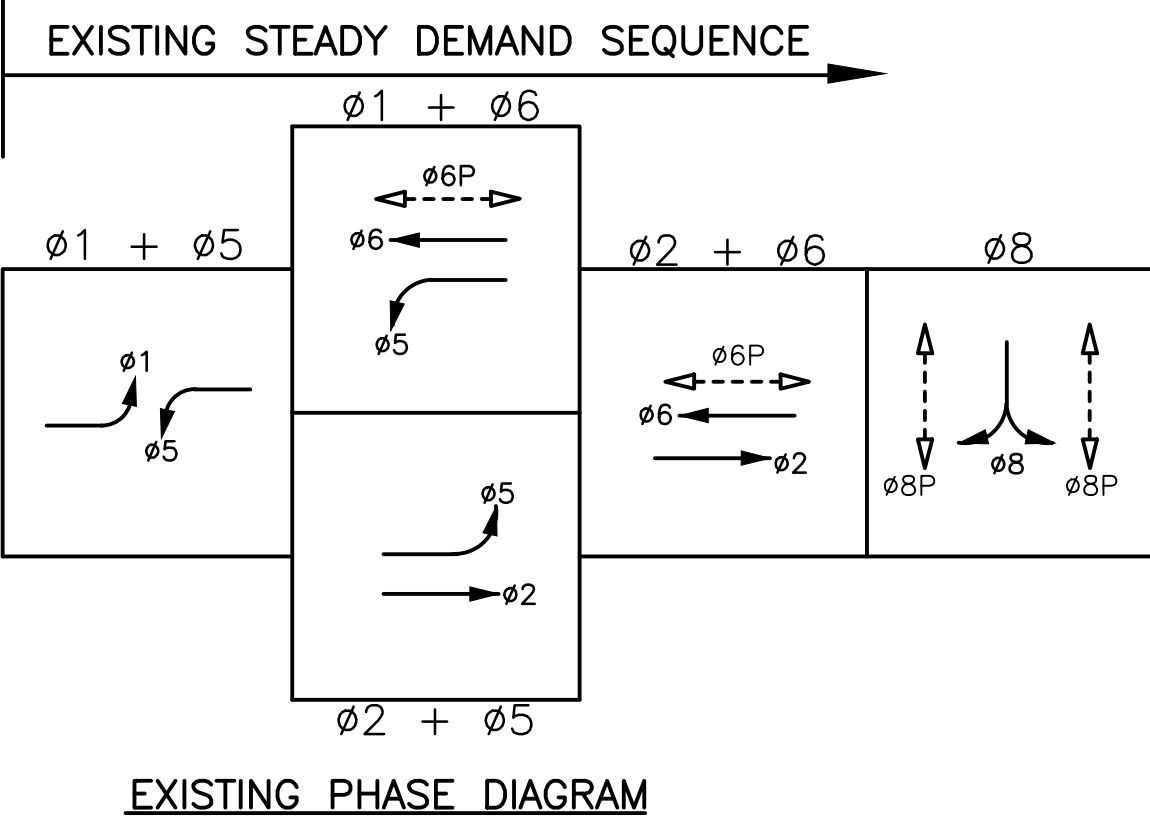


PROJECT  
 GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS  
 FOWLER REGION



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
 GOLDEN STATE BLVD AT JUG HANDLE TO CLOVIS AVE COND. AND EQUIP. SCHEDULE  
 DRAWING NO. E-32 SHEET NO. 141A TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State Blvd at Jug Handle to Clovis Ave\Golden State Blvd at Jug Handle to Clovis Ave\CAD\USERF\_CAD\MAL.A  
 09/20/2022 12:02:53 PM



DESIGNED:	DATE	RECORD DRAWING	
J. BENAVIDES	09/20/2022	RESIDENT ENGINEER	DATE
DRAWN:	09/20/2022		
C. AYALA-MAGANA	09/20/2022		
CHECKED:	09/20/2022		
J. RIOS	09/20/2022		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.



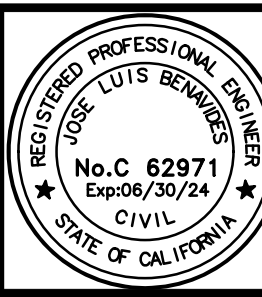
**JLB TRAFFIC ENGINEERING, INC.**

516 W. SHAW AVE., STE. 103  
FRESNO, CA 93704  
PHONE: (559) 570-8991  
EMAIL: info@JLBTraffic.com

*Jose L. Bonard*

SUPERVISING ENGINEER

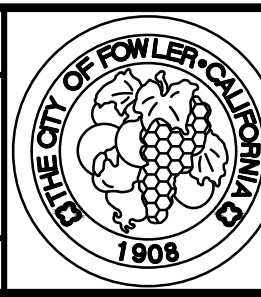
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**PROJECT**

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION



**DEPARTMENT OF PUBLIC WORKS AND PLANNING**

GOLDEN STATE BLVD AT JUG HANDLE TO CLOVIS AVE TRAFFIC SIGNAL DEMOLITION PLAN

DRAWING NO. E-33 SHEET NO. 142A TOTAL 143