PLANS FOR CONSTRUCTION

GOLDEN STATE BOULEVARD - FOWLER REGION

PHASE 1

FROM DeWOLF AVENUE TO AMERICAN AVENUE

PROJECT LENGTH 5.94 MILES

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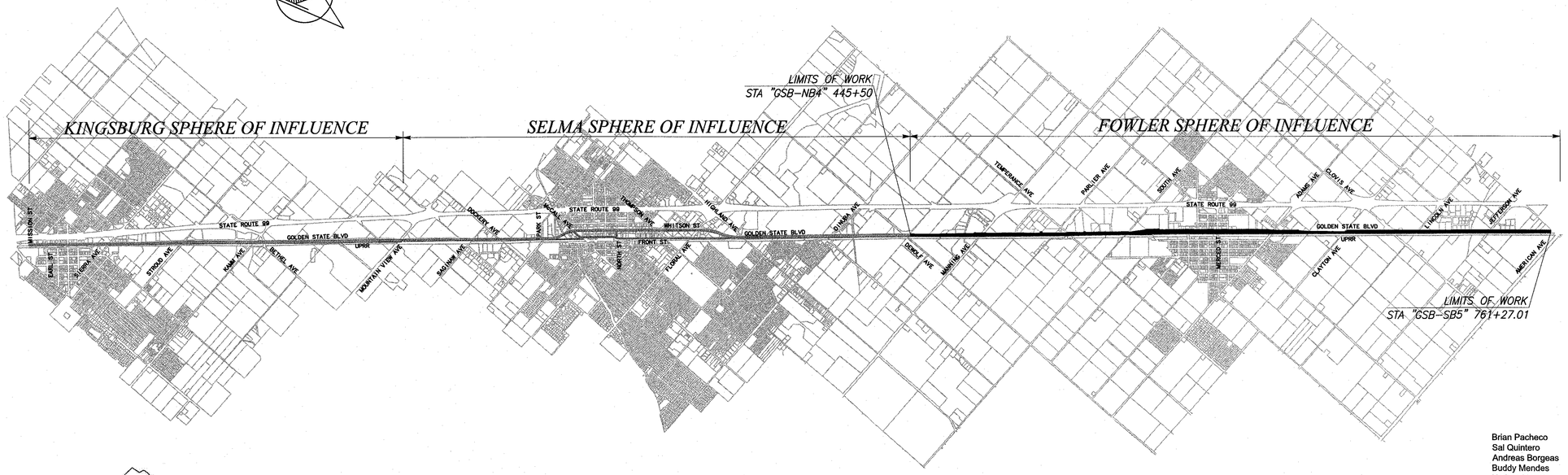

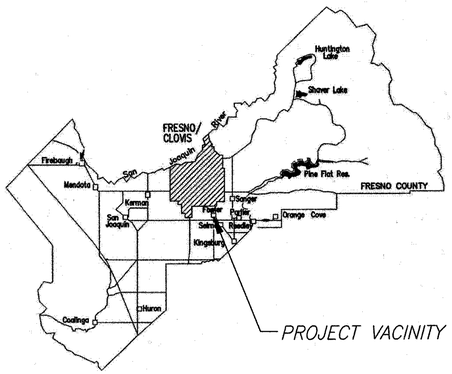

0 3000 ft 6000 ft

Brian Pacheco Chairman 1st District
Sal Quintero Vice Chairman 3rd District
Andreas Borgeas 2nd District
Buddy Mendes 4th District
Nathan Magsig 5th District

APPROVED Steve White Digitally signed by Steve White Date: 2022.08.30 11:56:15 -07'00'

Steven E. White, Director
Department of Public Works, County of Fresno

APPROVED

David Peters
City Engineer, City of Fowler

CONTRACTOR'S LICENSING REQUIREMENT					
CLASS A, GENERAL ENGINEERING					
C-12, EARTHWORK AND PAVING					
Drawing No.	Road No.	Bridge No.	Fiscal Yr.	Sheet No.	Total
11296	XXXXXX	XXXXX	22/23	1	143
Contract No. 22-14-C					
RECORD DRAWING					
NAME					
ADDRESS					
CITY			STATE		ZIP
PHONE					
DATE AWARDED					
DATE STARTED					
DATE COMPLETED					
RESIDENT ENGINEER					
NAME		SIGNATURE			
NAME		SIGNATURE			

THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STANDARD PLANS LIST

APPLICABLE 2015 STATE OF CALIFORNIA CALTRANS STANDARD PLANS:

☐	A20A	TRAFFIC LINES–TYPICAL DETAILS
☐	A20B	TRAFFIC LINES–TYPICAL DETAILS
☐	A20C	TRAFFIC LINES–TYPICAL DETAILS
☐	A24A	PAVEMENT MARKINGS–ARROWS
☐	A24B	PAVEMENT MARKINGS–ARROWS AND SYMBOLS
☐	A24C	PAVEMENT MARKINGS–SYMBOLS AND NUMERALS
☐	A24D	PAVEMENT MARKINGS–WORDS
☐	A24E	PAVEMENT MARKINGS–WORDS, LIMIT AND YIELD LINES
☐	A87A	CURBS AND DRIVEWAYS
☐	A87B	HOT MIX ASPHALT DIKES
☐	D75B	TYPE GCP
☐	D77A	GRATE DETAILS NO.1
☐	D77B	GRATE DETAILS NO.2
☐	A77R3	MIDWEST GUARDRAIL SYSTEM
☐	A77S1	(MGS) END ANCHOR ASSEMBLY
☐	A77T1	(MGS) END ANCHOR ASSEMBLY
☐	ES–7Q	PEDESTRIAN BARRICADE
☐	RS4	SIGNS–TYPICAL INSTALLATION DETAILS NO.4

APPLICABLE 2009 CITY OF FOWLER STANDARD PLANS:

☐	ST–10	CURB AND GUTTER DETAIL
☐	ST–12A	CURB RAMP DETAIL
☐	ST–12B	CURB RAMP DETAIL
☐	ST–12C	CURB RAMP DETAIL
☐	ST–12D	CURB RAMP DETAIL

GENERAL NOTES

1. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1–800–227–2600 OR 811.
2. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING CONSTRUCTION.
3. IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT PG&E TO VERIFY WIRE LOCATION.
4. ALL UNDERGROUND FACILITIES AND THEIR RESPECTIVE SERVICE CONNECTIONS SHALL BE COMPLETE IN THE STREET BEFORE INSTALLATION OF THE STREET SURFACING.
5. INSTALL SIDEWALKS, CURBS, AND GUTTERS AS PER CITY OF FOWLER STANDARD DRAWINGS ST–10 AND ST–11 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE.
6. PERMITS MUST BE OBTAINED AND FEES PAID IN ACCORDANCE WITH ORDINANCES OF THE CITY OF FOWLER.
7. SEE PLAN AND PROFILE AND CONSTRUCTION DETAIL SHEETS FOR HORIZONTAL LIMITS AND LOCATIONS OF CURB AND GUTTER, MEDIAN ISLANDS, SAWCUTTING, GRINDING, OVERLAYS, SIDEWALKS, FENCES, R/W LINES, EXISTING FEATURES, AND ANY OTHER PROPOSED IMPROVEMENTS.
8. ALL BOUNDARY STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN.
   A. THE TRANSITION BETWEEN THE EDGE AND END OF THE REQUIRED STREET SURFACING AND THE EXISTING SURFACING OR GROUND SHALL NOT HAVE A SLOPE STEEPER THAN 5 PERCENT.
9. TRAFFIC REQUIREMENTS:
   A. ALL SIGNING, DETOURING, AND BARRICADING SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA–MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
   B. HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA.
   C. ONE (1) 11–FOOT DRIVING LANE MUST BE MAINTAINED IN EACH DIRECTION AT ALL TIMES.
   D. NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER.
10. EXISTING PAVEMENT SHALL NOT BE REMOVED UNTIL SUCH A TIME AS ALL UTILITIES ARE COMPLETED AND PAVING CONTRACTOR IS READY TO REPAIR WITHIN 5 DAYS.
11. ALL STORM DRAINAGE FACILITIES ARE TO BE COMPLETED PRIOR TO START OF STREET WORK AND IN ACCORDANCE WITH CITY OF FOWLER STANDARDS, LATEST EDITION.
12. PURSUANT TO SECTIONS 8771(B) AND 8771(C) OF THE GOVERNMENT CODE, ANY MONUMENTS THAT CONTROL THE LOCATION OF BOUNDARIES, OR OTHERWISE PROVIDE HORIZONTAL OR VERTICAL SURVEY CONTROL WITHIN THE CONSTRUCTION AREA, SHALL BE LOCATED AND REFERENCED PRIOR TO CONSTRUCTION, AND A CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES SHALL BE FILED WITH THE COUNTY SURVEYOR.

UTILITY CONTACT TABLE

UTILITY	COMPANY	REPRESENTATIVE	PHONE NUMBER/EMAIL
CITY	CITY OF FOWLER	DARIO DOMINGUEZ	559–834–3113
ELECTRIC	PG&E	JUSTIN WILLIAMS	209–932–5006
GAS	PG&E	ED WONG	530–401–3437
GAS	SOUTHERN CALIFORNIA GAS	AMY PENA	559–739–2308
GAS	PHILLIPS 66	LEO MARTINEZ	1–805–226–2656
GAS	KINDER MORGAN	KARLY PAYNE	714–560–4604
COMMUNICATION	COMCAST	MICHAEL CORRAL	michael_corral@comcast.com
COMMUNICATION	SPRINT	RICHARD WOLF	925–380–2534
COMMUNICATION	VAST	DAVID DOUGLAS	559–554–9105
COMMUNICATION	LEVEL 3	CALEB KING	caleb.king@level3.com
COMMUNICATION	CENTURYLINK–QWEST	BRETT HANKINS	916–788–1041
COMMUNICATION	VERIZON	JOHN BACHELDER	john.bachelder@verizon.com
COMMUNICATION	AT&T	TIM ANDREAS	559–269–2578
COMMUNICATION	AT&T CALIFORNIA	DAWN SIBLEY	559–454–3367
COMMUNICATION	SEBASTIAN	BOB PATRICK	bpatrick@sebastiancorp.com
WATER	CALWATER	STEPHEN JOHNSON	559–896–3417
WATER	KRCD	RICK HOELZEL	559–237–5567
SEWER	SKF	FRANK HERNANDEZ	fhernandez@skfcsd.com

AGENCY CONTACT TABLE

AGENCY	CONTACT PERSON	ADDRESS	PHONE NUMBER
CITY OF FOWLER	DARIO DOMINGUEZ	128 S FIFTH STREET FOWLER, CA 93625	559–834–3113
COUNTY OF FRESNO	MOHAMMAD ALIMI	2200 TULARE ST, 7TH FLOOR FRESNO, CA 93721	559–600–4109
FRESNO COG	PANKAJ JOSHI	2035 TULARE ST. SUITE 201 FRESNO, CA 93721	559–724–9218

PLOT DATE:8/26/2022 9:33:08 AM CAD USER: ECHIN

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GENERAL NOTES - FOWLER

DRAWING NO. G-1 SHEET NO. 2 TOTAL 143

PLOT DATE:8/23/2022 8:38:36 AM CAD USER: DALAMEDA

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT CITY OF FOWLER OR COUNTY OF FRESNO RIGHT OF WAY ENGINEERING.
2. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
3. FOR CURB/DIKE, & MGS LIMITS, SEE LAYOUT SHEETS.
4. FOR DITCH FLOW LINE INFORMATION, SEE DRAINAGE SHEETS.
5. FOR PAVEMENT AREAS NOT SHOWN, SEE CONSTRUCTION DETAIL SHEETS FOR PAVEMENT SECTIONS.
6. 5% SLOPE FROM EDGE OF PAVEMENT TO HINGE POINT UNLESS OTHERWISE NOTED.
7. PAVEMENT EDGE TREATMENTS FOR OVERLAYS SHALL BE IN ACCORDANCE WITH CALTRANS STD PLAN P75.

PROPOSED SECTIONS

[1] 0.18' HMA OVERLAY
0.30' CIR

[2] 0.55' GRIND
0.55' HMA
0.65' FDR

[3] 0.65' HMA
0.80' AGGREGATE BASE CLASS II

[4] 0.60' HMA
1.35' AGGREGATE BASE CLASS II

[5] 0.55' HMA
1.10' AGGREGATE BASE CLASS II

[6] 0.55' HMA
0.65' AGGREGATE BASE CLASS II

[7] 0.55' HMA
1.20' AGGREGATE BASE CLASS II

[8] 0.55' HMA
0.75' AGGREGATE BASE CLASS II

[9] 0.2' GRIND
0.2' HMA OVERLAY

[10] 0.65' GRIND
0.65 HMA
1.15' FDR

EXISTING SECTIONS

(1) 0.75'–1.42' AC

(2) 0.33'–1.17' AC
2"–9" PCC

(3) 0.42'–0.50' AC
0.25'–0.50' AB

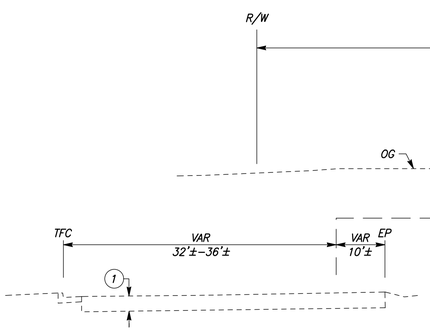
(4) 0.67' AC
0.375' PCC
0.17' CEMENT SLURRY

(5) 0.33'–0.58' AC
0.25'–0.50' AB
0.25'–0.42 PCC

(6) 5" AC
5" AB

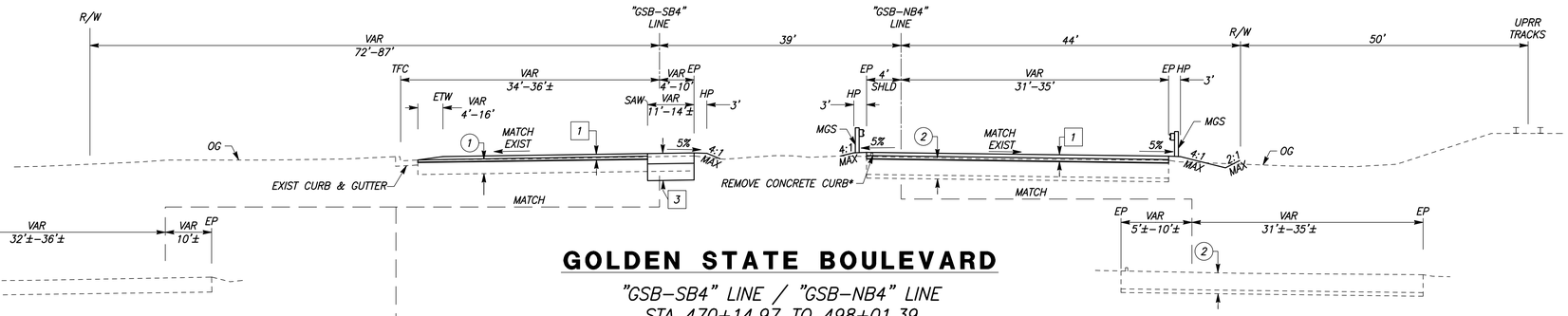
ABBREVIATIONS

AC	ASPHALT CONCRETE
AFTS	ALTERNATIVE FLARED TERMINAL SYSTEM
BOT	BACK OF TRAIL
BOW	BACK OF WALK
C&G	CURB AND GUTTER
CIR	COLD IN PLACE RECYCLING
COF	CITY OF FOWLER
EAA	END ANCHOR ASSEMBLY
FDR	FULL DEPTH RECLAMATION
FOT	FRONT OF TRAIL
HMA	HOT MIX ASPHALT
HP	HINGE POINT
LIP	LIP OF GUTTER
MED	MEDIAN
MGS	MIDWEST GUARDRAIL SYSTEM
NTS	NOT TO SCALE
OG	ORIGINAL GRADE
PCC	PORTLAND CEMENT CONCRETE/POINT OF COMPOUND CURVE
SAMI–R	STRESS ABSORBING MEMBRANE INTERLAYER
SAW	SAWCUT
STD	STANDARD
SW	SIDEWALK
TFC	TOP FACE OF CURB
UPRR	UNION PACIFIC RAILROAD
VAR	VARIES



GOLDEN STATE BOULEVARD

"GSB–SB4" LINE
STA 474+69.47 TO 485+53.40
NTS



GOLDEN STATE BOULEVARD

"GSB–SB4" LINE / "GSB–NB4" LINE
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NTS
*SEE LAYOUT SHEETS FOR LIMITS OF PAVEMENT TRANSITION

GOLDEN STATE BOULEVARD

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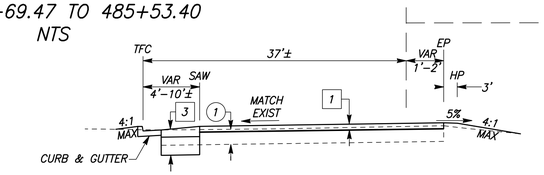

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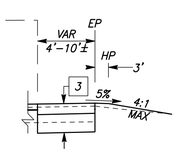

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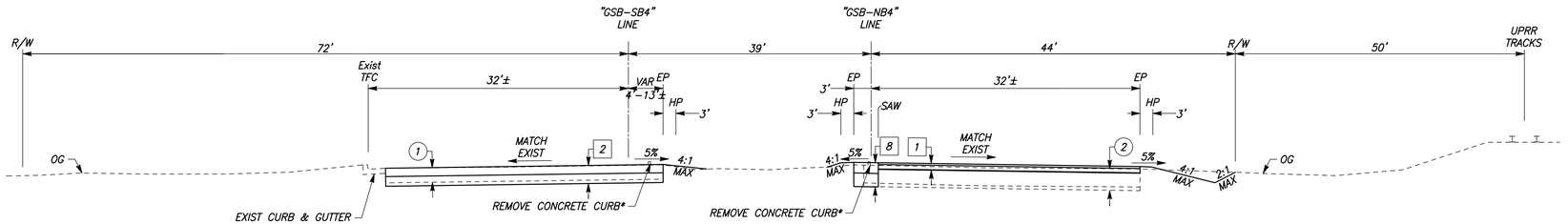

GOLDEN STATE BOULEVARD

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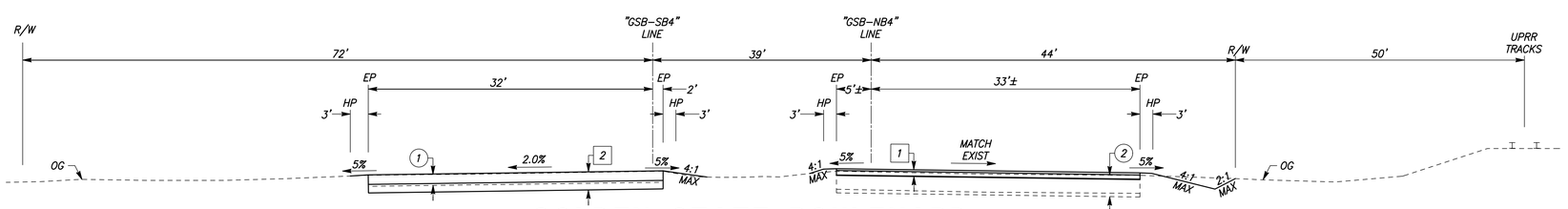
NTS
*SEE LAYOUT SHEETS FOR EXTENTS OF CURB REMOVAL



GOLDEN STATE BOULEVARD

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STA 445+50.00 TO 457+40.95
NTS

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

PROFESSIONAL ENGINEER — REGISTERED — EDGAR A. NORIEGA — No. 81555 — 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER · CALIFORNIA · 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

TYPICAL SECTIONS

DRAWING NO. X-1 SHEET NO. 3 TOTAL 143

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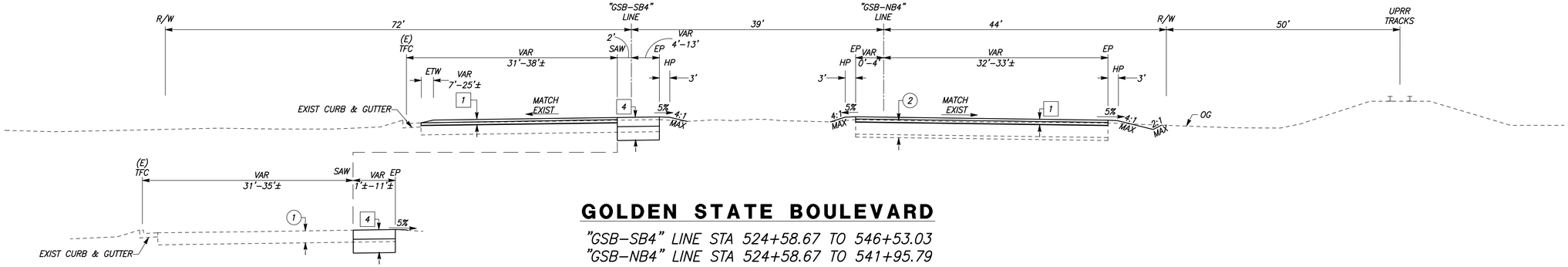


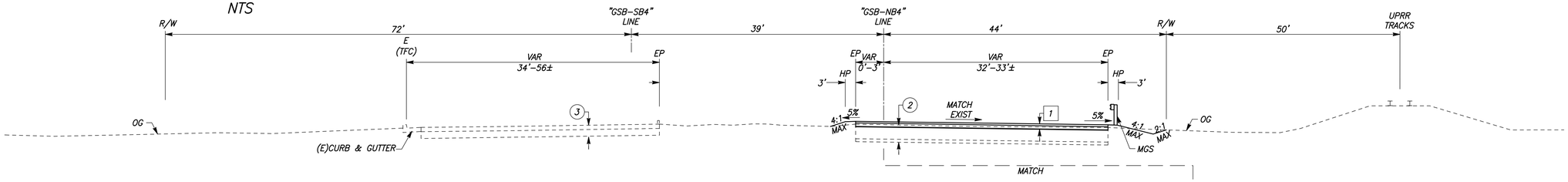
GOLDEN STATE BOULEVARD

"GSB-SB4" LINE STA 524+58.67 TO 546+53.03
"GSB-NB4" LINE STA 524+58.67 TO 541+95.79
NTS

*SEE LAYOUT SHEETS FOR LIMITS OF PAVEMENT TRANSITION

GOLDEN STATE BOULEVARD

"GSB-SB4" LINE
STA 542+18.05 TO 546+53.03
NTS



GOLDEN STATE BOULEVARD

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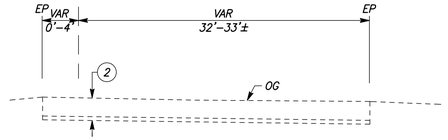

GOLDEN STATE BOULEVARD

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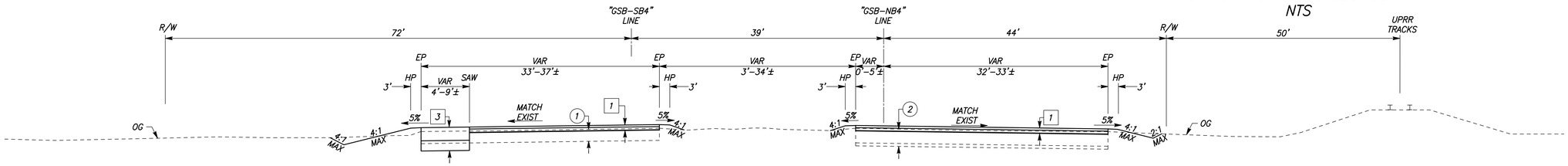

GOLDEN STATE BOULEVARD

"GSB-SB4" LINE / "GSB-NB4" LINE
STA 498+01.39 TO 511+50.00
NTS

*SEE LAYOUT SHEETS FOR EXTENTS OF EXIST CONCRETE CURB

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR K. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

TYPICAL SECTIONS

DRAWING NO. X-2 SHEET NO. 4 TOTAL 143

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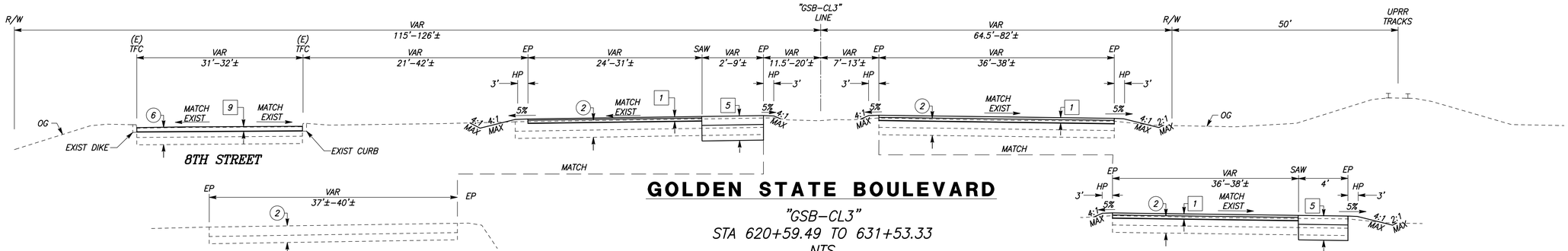

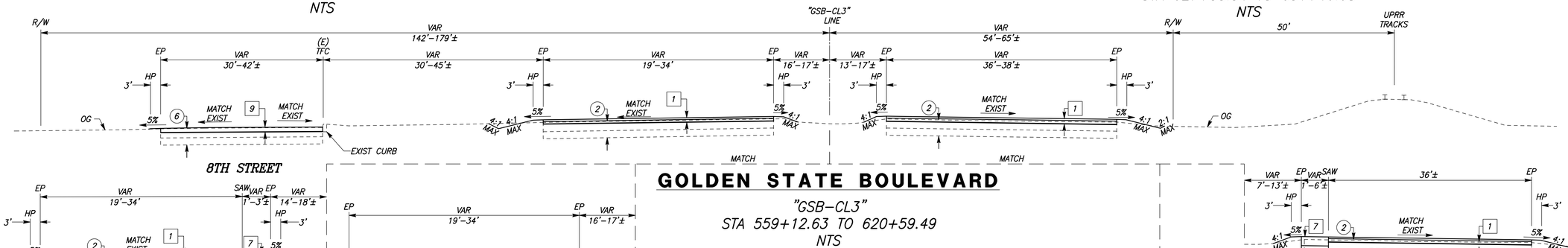

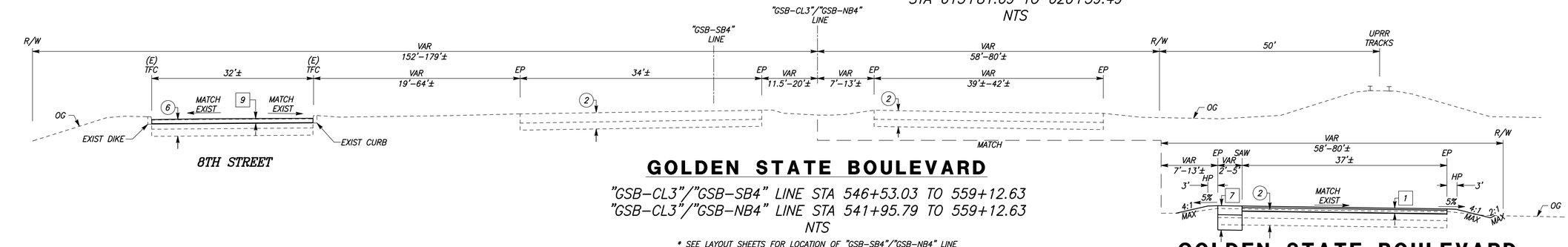

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DESIGNED: CYNTHIA HORNER	####	RESIDENT ENGINEER	DATE	
DRAWN: ERIK CHIN	####			
CHECKED: ED NORIEGA	####			

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

TYPICAL SECTIONS

DRAWING NO. X-3 SHEET NO. 5 TOTAL 143

PLOT DATE:8/23/2022 8:38:37 AM CAD USER: DALAMEDA

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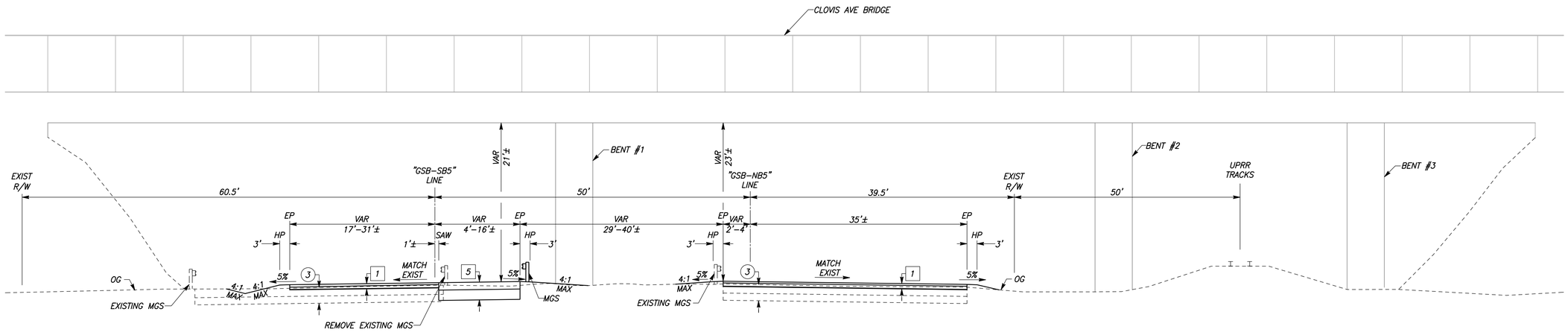

GOLDEN STATE BOULEVARD

"GSB–SB5" LINE / "GSB–NB5" LINE
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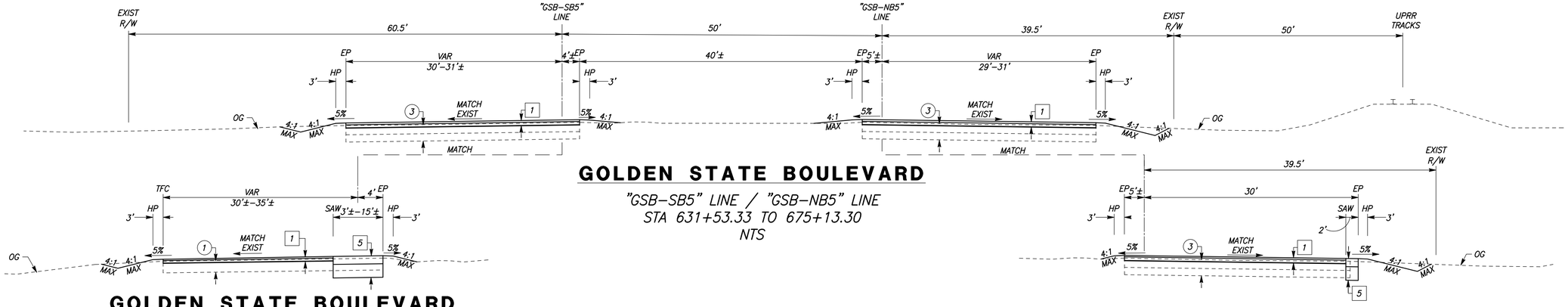


GOLDEN STATE BOULEVARD

"GSB–SB5" LINE / "GSB–NB5" LINE
STA 631+53.33 TO 675+13.30
NTS

GOLDEN STATE BOULEVARD

"GSB–SB5" LINE
STA 631+53.33 TO 638+84.17
STA 644+04.19 TO 654+39.20
STA 666+79.63 TO 675+13.30
NTS

GOLDEN STATE BOULEVARD

"GSB–NB5" LINE
STA 631+53.33 TO 637+74.63
STA 641+88.47 TO 649+48.56
NTS

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

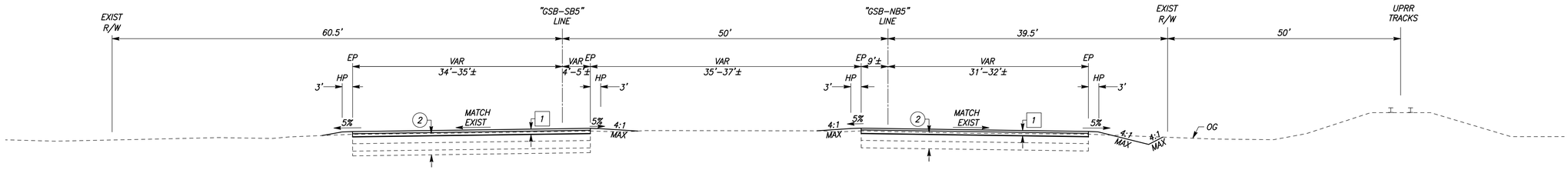
FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

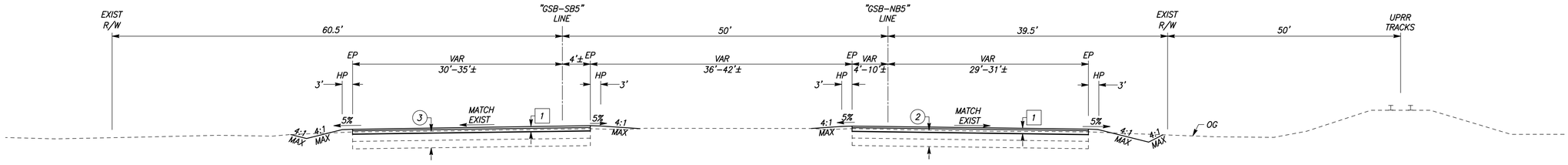
TYPICAL SECTIONS

DRAWING NO. X-4 SHEET NO. 6 TOTAL 143



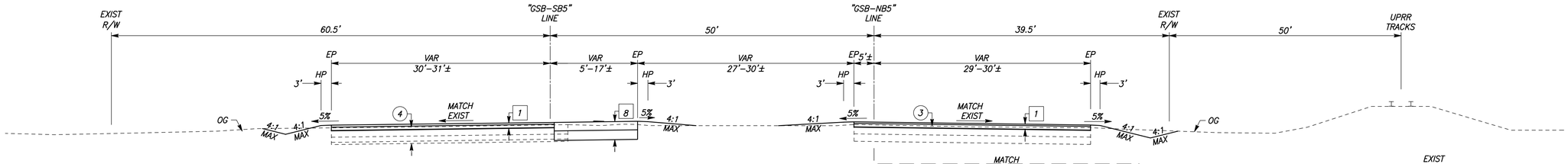
GOLDEN STATE BOULEVARD

"GSB-SB5" LINE / "GSB-NB5" LINE
*STA 726+79.85 TO 750+96.41**
NTS
**SEE LAYOUT SHEETS FOR LIMITS OF WORK*



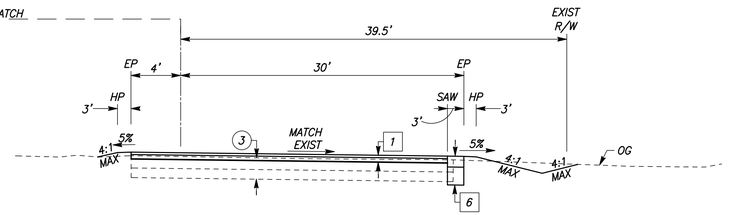
GOLDEN STATE BOULEVARD

"GSB-SB5" LINE / "GSB-NB5" LINE
STA 690+22.73 TO 726+79.85
NTS



GOLDEN STATE BOULEVARD

"GSB-SB5" LINE / "GSB-NB5" LINE
STA 681+22.49 TO 690+22.73
NTS



GOLDEN STATE BOULEVARD

"GSB-SB5" LINE / "GSB-NB5" LINE
STA 682+10.86 TO 688+77.76
NTS

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

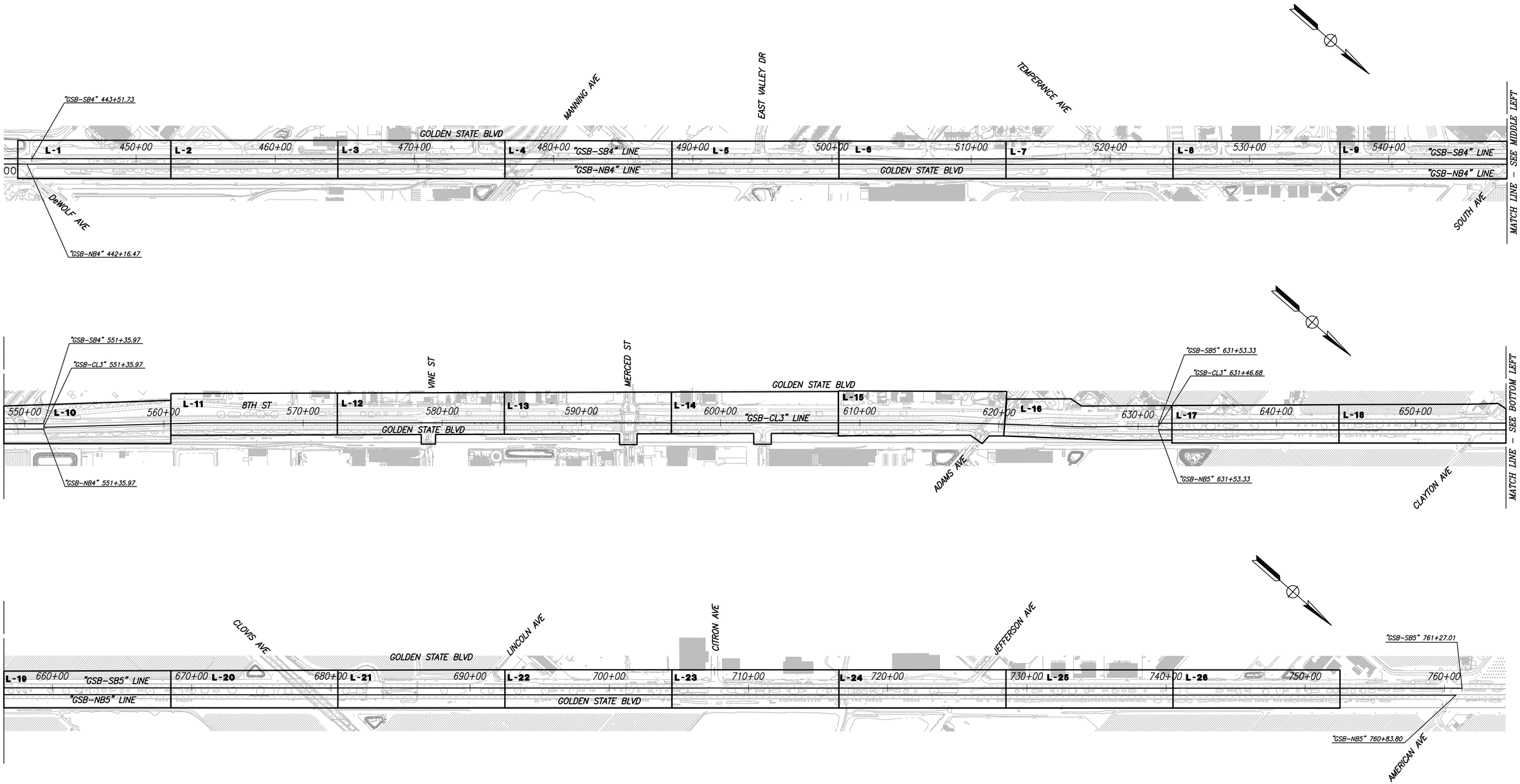
DEPARTMENT OF PUBLIC WORKS AND PLANNING

TYPICAL SECTIONS

DRAWING NO. X-5 SHEET NO. 7 TOTAL 143

PLOT DATE:8/23/2022 8:38:38 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FNK-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_X1-X5_P1.dwg



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER _____ DATE _____

PROFESSIONAL ENGINEER — REGISTERED — OSCAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

KEY MAP - LAYOUT

DRAWING NO. K-1 SHEET NO. 8 TOTAL 143

PLOT DATE:8/23/2022 8:39:10 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_K1_P1.dwg

PLOT DATE:8/23/2022 8:39:47 AM CAD USER: DALAMEDA
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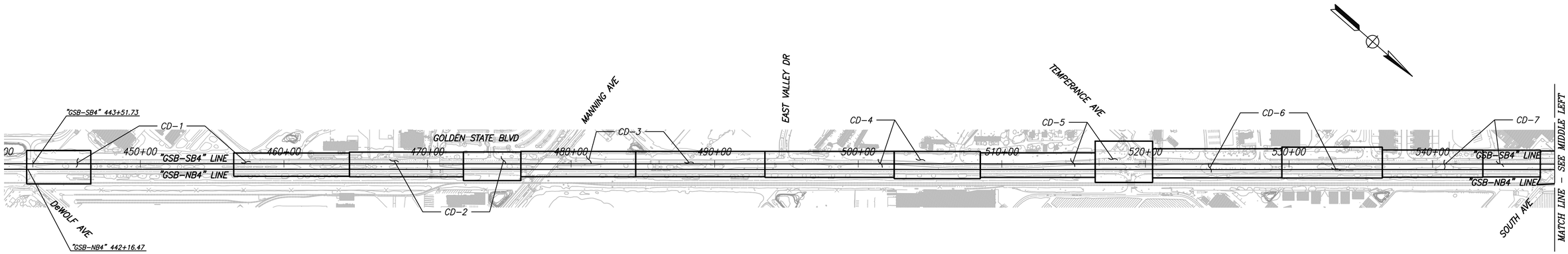
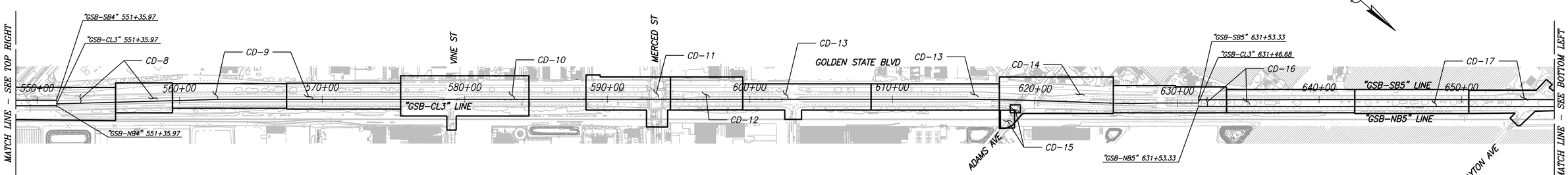
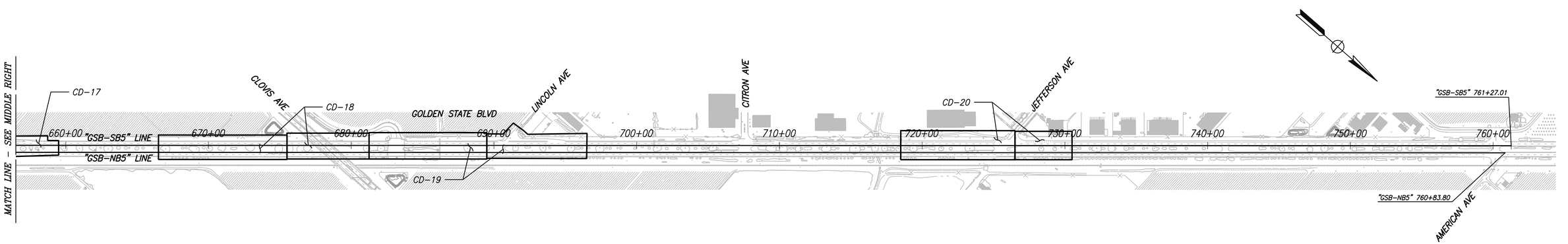






	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	####	RESIDENT ENGINEER	DATE
DRAWN: ERIK CHIN	####		
CHECKED: ED NORIEGA	####		

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR K. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

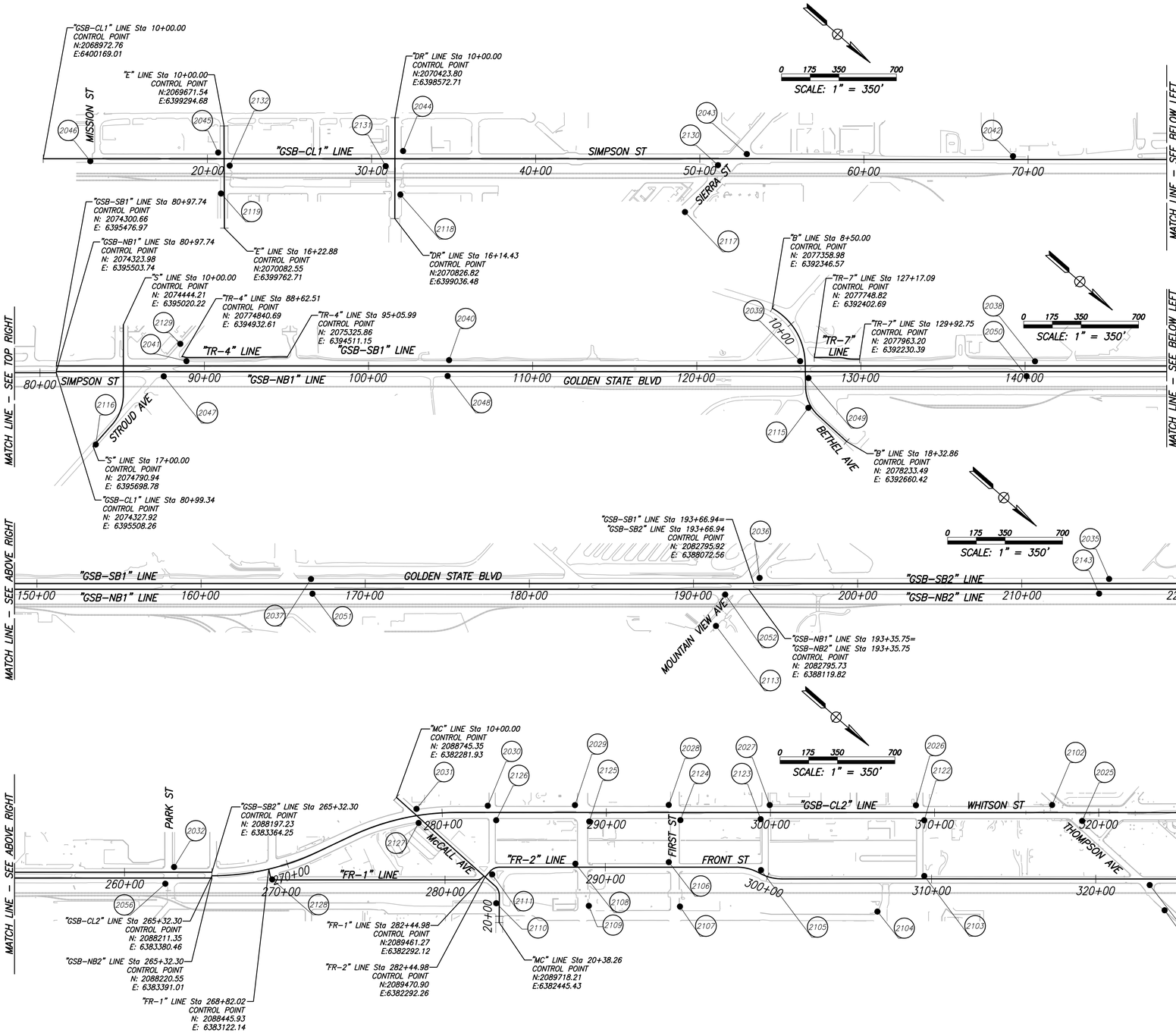
THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

KEY MAP - CONSTRUCTION DETAILS

DRAWING NO. K-2 SHEET NO. 9 TOTAL 143

PLOT DATE:8/23/2022 8:40:19 AM CAD USER: ECHIN
PATH:J:\Fresno COG-FH-1610(-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_PC1-PC3_P1.dwg



PROJECT BENCHMARK

ELEVATIONS ARE NAVD88 BASED ON QUAD KNOFF CONTROL TITILED 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) *CONTROL 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*
- (No) *CONTROL POINT NUMBER*

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

LICENSED LAND SURVEYOR MATTHEW J. VEIRS No. 8157 STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PROJECT CONTROL

DRAWING NO. PC-1 SHEET NO. 10 TOTAL 143

PLOT DATE:8/23/2022 8:40:26 AM
CAD USER: ECHIN
PATH:J:\Fresno COG-FIK-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_PC1-PC3_P1.dwg

"H" LINE Sta 10+00.00
CONTROL POINT
N: 2095095.71
E: 6377083.73

"H" LINE Sta 19+01.50
CONTROL POINT
N: 2095991.93
E: 6377146.64

"GSB-CL2" LINE Sta 375+00.10
CONTROL POINT
N: 2096383.39
E: 6376245.38

"GSB-NB3" LINE Sta 375+00.00
CONTROL POINT
N: 2096397.19
E: 6376261.21

"GSB-SB3" LINE Sta 375+00.00
CONTROL POINT
N: 2096371.64
E: 6376231.74

"DB" LINE Sta 10+00.00
CONTROL POINT
N: 2098754.85
E: 6373600.76

"DB" LINE Sta 22+58.22
CONTROL POINT
N: 2098817.07
E: 6374762.08

"GSB-SB3" LINE Sta 442+51.73=
"GSB-SB4" LINE Sta 442+51.73
CONTROL POINT
N: 2101462.19
E: 6371796.56

"GSB-NB3" LINE Sta 442+16.47=
"GSB-NB4" LINE Sta 442+16.47
CONTROL POINT
N: 2101461.22
E: 6371849.13

"TE" LINE Sta 10+00.00
CONTROL POINT
N: 2115709.45
E: 6359386.81

"TE" LINE Sta 15+95.24
CONTROL POINT
N: 2107445.37
E: 6366866.35

"GSB-SB4" LINE Sta 551+35.98
CONTROL POINT
N: 2109667.62
E: 6364646.63

"GSB-CL3" LINE Sta 551+35.97
CONTROL POINT
N: 2109680.44
E: 6364660.21

"GSB-NB4" LINE Sta 551+35.98
CONTROL POINT
N: 2109694.23
E: 6364676.04

"ME" LINE Sta 10+00.00
CONTROL POINT
N: 2112605.15
E: 6361613.31

"ME" LINE Sta 16+91.45
CONTROL POINT
N: 2113059.62
E: 6362134.43

"GSB-SB5" LINE Sta 631+53.33
CONTROL POINT
N: 2115709.45
E: 6359386.81

"GSB-CL3" LINE Sta 631+46.68
CONTROL POINT
N: 2115719.97
E: 6359398.88

"GSB-NB5" LINE Sta 631+53.33
CONTROL POINT
N: 2115736.39
E: 6359417.73

"GSB-SB5" LINE Sta 761+53.33
CONTROL POINT
N: 2125485.98
E: 6350858.39

"GSB-NB5" LINE Sta 760+83.80
CONTROL POINT
N: 2125486.30
E: 6350924.42

NOTES

1) SEE SHEET PC-3 FOR POINTS TABLE.

LEGEND

- CONTROL MONUMENT
- (No) CONTROL POINT NUMBER

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

LICENSED LAND SURVEYOR MATTHEW J. SCHMIDT No. 8154 STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PROJECT CONTROL

DRAWING NO. PC-2 SHEET NO. 11 TOTAL 143

PLOT DATE=8/23/2022 8:40:27 AM CAD USER: ECHIN

PATH=J:\Fresno COG-FW-1610-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_PC1-PC3_P1.dwg

Point Table

Point #	Northing	Easting	Elevation	Raw Description
2003	2116161.70	6358943.38	304.50	SVNS-SET
2004	2114774.02	6360120.81	306.37	SVCX-SET
2005	2113485.27	6361237.84	305.68	SVNS-SET
2006	2112865.89	6361860.67	306.90	SVNS-SET
2007	2111686.35	6362810.58	306.96	SVNS-SET
2008	2110537.37	6363814.36	309.65	SVNS-SET
2009	2109510.78	6364741.51	310.42	SVNS-SET
2010	2108317.28	6365779.40	307.64	SVFX MAG NAIL
2011	2107227.88	6366734.71	306.99	SVFX MAG NAIL
2012	2106197.31	6367664.45	305.56	SVFX MAG NAIL
2013	2105371.75	6368320.30	304.50	SVFX MAG NAIL
2014	2104226.89	6369350.79	305.23	SVFX MAG NAIL
2015	2103581.78	6369911.32	307.73	SVFX MAG NAIL
2016	2102451.09	6370899.66	312.92	SVFX MAG NAIL
2017	2101412.99	6371802.82	311.62	SVFX MAG NAIL
2018	2099571.23	6373406.64	313.71	SVFX MAG NAIL
2019	2098667.71	6374193.41	314.02	SVFX MAG NAIL
2020	2096993.39	6375651.96	311.37	SVFX MAG NAIL
2021	2095360.15	6377139.27	313.02	SVFX MAG NAIL
2022	2094179.37	6377743.84	313.44	SVFX SET MAG NAI
2023	2093548.19	6378150.19	313.15	SVFX SET X @ WAL
2024	2092525.80	6379020.92	311.61	SVFX SET X @ WAL
2025	2091988.94	6379644.79	309.60	SVFX SET X @ WAL
2026	2091162.98	6380238.39	308.73	SVFX SET X @ WAL
2027	2090490.37	6380822.58	309.67	SVFX SET X @ WAL
2028	2090026.34	6381226.43	309.40	SVFX SET X @ WAL
2029	2089596.29	6381602.60	307.55	SVFX SET X @ WAL
2030	2089198.20	6381954.31	307.00	SVFX SET X @ WAL
2031	2088883.40	6382254.29	307.76	SVFX SET X @ WAL
2032	2088002.46	6383491.48	305.93	SVFX SET X @ WAL
2033	2086965.15	6384406.95	305.37	SVFX MAG NAIL
2034	2085969.88	6385268.67	304.97	SVFX MAG NAIL
2035	2084410.11	6386629.11	306.00	SVFX SET MAG NAI
2036	2082800.54	6388023.81	309.16	SVCX-SET
2037	2080744.79	6389824.36	308.03	SVNS-SET
2038	2078777.36	6391538.12	305.81	SVNS-SET

Point Table

Point #	Northing	Easting	Elevation	Raw Description
2039	2077698.33	6392477.29	302.01	SVNS-SET
2040	2076081.71	6393878.16	305.93	SVNS-SET
2041	2074879.34	6394934.09	304.84	SVNS-SET
2042	2073416.33	6396275.30	300.60	SVNS-SET
2043	2072185.68	6397330.94	299.80	SVCX-SET
2044	2070594.48	6398693.21	297.70	SVCX-SET
2045	2069751.36	6399440.44	296.82	SVCX-SET
2046	2069198.36	6399991.57	296.26	SVNS-SET
2047	2074835.86	6395094.61	304.71	SVNS-SET
2048	2076138.24	6393956.67	306.13	SVNS-SET
2049	2077803.81	6392521.81	301.17	SVNS-SET
2050	2078797.89	6391639.88	304.98	SVFX SET MAG NAI
2051	2080810.07	6389885.97	307.34	SVNS-SET
2052	2082709.32	6388237.48	310.51	SVCX-SET
2054	2085378.08	6385904.57	305.11	SVNS-SET
2055	2086355.67	6385050.65	304.29	SVFX MAG NAIL
2056	2088029.27	6383603.22	305.47	SVFX MAG NAIL
2057	2092619.57	6379090.46	311.38	SVFX SET X @ WAL
2058	2094409.15	6377740.46	312.53	SVFX SET MAG NAI
2059	2097063.08	6375722.29	307.72	SVFX MAG NAIL
2060	2098762.34	6374242.46	313.36	SVFX MAG NAIL
2061	2099631.06	6373483.82	313.93	SVFX MAG NAIL
2062	2101521.21	6371838.91	310.87	SVFX MAG NAIL
2063	2102517.33	6370968.38	313.12	SVFX MAG NAIL
2064	2103624.84	6370004.54	305.71	SVFX MAG NAIL
2065	2104114.29	6369579.36	306.39	SVFX MAG NAIL
2066	2105441.02	6368418.91	303.29	SVFX MAG NAIL
2067	2106428.09	6367560.23	306.69	SVFX MAG NAIL
2068	2107254.84	6366839.71	307.31	SVNS-SET
2069	2108355.11	6365880.89	305.61	SVFX MAG NAIL
2070	2109503.82	6364908.28	311.09	SVNS-SET
2071	2110601.42	6363891.83	309.53	SVNS-SET
2072	2111810.55	6362847.57	307.07	SVNS-SET
2073	2112850.72	6361959.79	306.39	SVCX-SET
2074	2113618.78	6361264.70	305.91	SVNS-SET
2075	2114771.57	6360272.17	306.75	SVCX-SET

Point Table

Point #	Northing	Easting	Elevation	Raw Description
2076	2116236.20	6359020.57	302.53	SVNS-SET
2077	2118232.42	6357279.42	303.60	SVNS-SET
2079	2119417.63	6356047.49	301.79	SVNS-SET
2080	2117470.35	6357598.65	302.98	SVNS-SET
2081	2117477.21	6358164.63	301.02	SVNS-SET
2082	2115692.00	6359322.24	306.37	SVNS-SET
2083	2114850.75	6359965.61	304.28	SVCX-SET
2085	2112776.83	6361761.51	304.48	SVNS-SET
2086	2110431.36	6363779.54	310.01	SVNS-SET
2087	2109478.42	6364465.95	303.04	SVNS-SET
2088	2109472.19	6365184.41	312.82	SVFX MAG NAIL
2089	2107054.72	6366631.47	302.91	SVFX MAG NAIL
2090	2107735.10	6366659.05	308.10	SVFX MAG NAIL
2091	2106816.12	6367407.01	310.86	SVNS-SET
2092	2101462.64	6371588.26	310.57	SVFX MAG NAIL
2093	2101121.25	6371885.50	310.88	SVFX MAG NAIL
2094	2098684.13	6373962.31	314.41	SVFX MAG NAIL
2095	2098808.06	6374553.41	314.34	SVFX MAG NAIL
2096	2095115.96	6377048.74	311.83	SVFX SET X @ WAL
2097	2095757.87	6377170.16	313.36	SVFX MAG NAIL
2098	2094938.25	6377524.75	312.14	SVFX MAG NAIL
2099	2093533.15	6378813.90	311.26	SVFX SET X @ WAL
2100	2092555.79	6379668.74	310.04	SVFX MAG NAIL
2101	2092725.19	6379724.91	310.03	SVFX MAG NAIL
2102	2091787.06	6379691.75	309.26	SVFX SET X @ WAL
2103	2091484.15	6380529.63	309.70	SVFX SET X @ WAL
2104	2091411.39	6380880.49	310.40	SVFX SET X @ WAL
2105	2090710.69	6381156.13	308.80	SVFX MAG NAIL
2106	2090255.37	6381488.68	307.51	SVFX SET X @ WAL
2107	2090484.12	6381647.80	308.97	SVFX SET X @ WAL
2108	2089832.79	6381869.93	306.45	SVFX SET X @ WAL
2109	2090062.76	6382009.47	308.64	SVFX SET X @ WAL
2110	2089627.23	6382368.15	308.12	SVFX MAG NAIL
2111	2089493.39	6382252.01	307.01	SVFX SET X @ POR
2112	2085484.07	6386087.06	305.54	SVFX SET MAG NAI
2113	2082792.24	6388418.50	310.37	SVNS-SET

Point Table

Point #	Northing	Easting	Elevation	Raw Description
2115	2077922.64	6392658.57	305.63	SVNS-SET
2116	2074796.68	6395679.74	303.68	SVNS-SET
2117	2072133.30	6397844.57	299.92	SVCX-SET
2118	2070756.47	6398904.18	299.35	SVNS-SET
2119	2069928.05	6399617.05	297.27	SVNS-SET
2120	2095476.11	6377103.27	313.14	SVFX MAG NAIL
2121	2093469.54	6378361.00	312.32	SVFX SET X @ WAL
2122	2091260.97	6380274.09	308.88	SVFX SET X @ WAL
2123	2090505.21	6380923.85	309.73	SVFX SET X @ WAL
2124	2090140.57	6381249.51	309.29	SVFX SET X @ WAL
2125	2089727.51	6381620.50	307.68	SVFX SET X @ WAL
2126	2089294.91	6381987.34	306.81	SVFX SET X @ WAL
2127	2088949.47	6382310.38	306.09	SVFX SET X @ WAL
2128	2088502.82	6383155.62	308.41	SVFX MAG NAIL
2129	2074782.16	6394879.36	303.92	SVNS-SET
2130	2072097.37	6397497.47	301.09	SVCX-SET
2131	2070574.90	6398832.16	298.95	SVCX-SET
2132	2069856.48	6399454.46	297.29	SVNS-SET
2143	2084422.76	6386736.42	305.24	SVNS-SET
2150	2121374.97	6354397.67	305.05	SET MAG NAIL-SCAN CONTROL MARKER
2151	2121492.22	6354440.63	304.09	SET MAG NAIL-SCAN CONTROL MARKER
2152	2122803.11	6353303.14	306.25	SET MAG NAIL-SCAN CONTROL MARKER
2153	2122844.29	6353115.12	306.27	SET MAG NAIL-SCAN CONTROL MARKER
2154	2123957.67	6352152.51	304.29	SET MAG NAIL-SCAN CONTROL MARKER
2155	2124018.23	6352239.92	303.44	SET MAG NAIL-SCAN CONTROL MARKER
2156	2125507.00	6351169.94	301.83	SET MAG NAIL-SCAN CONTROL MARKER
2157	2125437.29	6351020.12	301.56	SET MAG NAIL-SCAN CONTROL MARKER
2158	2125426.00	6350869.16	303.17	SET MAG NAIL-SCAN CONTROL MARKER
2159	2125325.80	6350837.24	299.45	SET MAG NAIL-SCAN CONTROL MARKER
2160	2124650.18	6351123.06	302.82	SET MAG NAIL-SCAN CONTROL MARKER
2161	2125474.61	6350391.74	302.65	SET MAG NAIL-SCAN CONTROL MARKER
2162	2125987.98	6350383.60	302.12	SET MAG NAIL-SCAN CONTROL MARKER
2163	2126058.58	6350463.21	301.19	SET MAG NAIL-SCAN CONTROL MARKER

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

LICENCED LAND SURVEYOR MATTHEW J. VERBRIGGEN No. 8154 STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PROJECT CONTROL

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

PLOT DATE:8/23/2022 8:48:57 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FW-1610-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L1-L7_P1.dwg

CONSTRUCTION NOTES

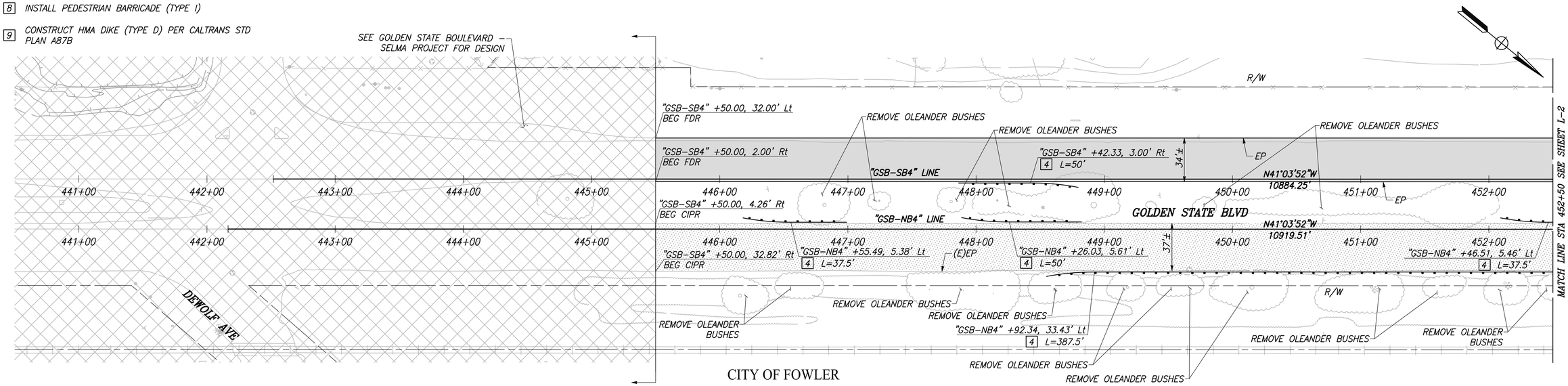
1. CONSTRUCT 6" CURB & GUTTER PER CITY OF FOWLER STD PLANS ST-10
2. CONSTRUCT 6" MEDIAN CURB PER CITY OF FOWLER STD PLANS ST-10
3. CONSTRUCT CURB RAMP PER CITY OF FOWLER STD PLAN ST-12A THROUGH ST-12D.
4. INSTALL MIDWEST GUARDRAIL PER DETAIL ON SHEET CD-22
5. REMOVE EXIST CURB AND GUTTER
6. REMOVE CURB
7. CONSTRUCT HMA DIKE (TYPE A) PER CALTRANS STD PLAN A87B
8. INSTALL PEDESTRIAN BARRICADE (TYPE I)
9. CONSTRUCT HMA DIKE (TYPE D) PER CALTRANS STD PLAN A87B
10. CONSTRUCT 12" CURB TRANSITION PER DETAIL ON SHEET CD-21
11. CONSTRUCT MODIFIED 12" CURB & GUTTER PER DETAIL ON SHEET CD-21
12. CONSTRUCT 3" CURB TRANSITION PER DETAIL ON SHEET CD-21
13. CONSTRUCT 3" CURB AND GUTTER (TYPE B4) PER CALTRANS STD PLAN A87A
14. CONSTRUCT CURB AND GUTTER TRANSITION TO EDGE OF PAVEMENT PER DETAIL ON SHEET CD-21
15. CONSTRUCT PAVEMENT TRANSITION PER DETAIL ON CD-21

LEGEND

- Exist RIGHT OF WAY
- Prop RIGHT OF WAY
- SAWCUT
- MGS
- REMOVE TREE
- NEW PAVEMENT – SEE "X" OR "CD" SHEETS FOR PAVEMENT SECTION
- REMOVE BASE AND SURFACE
- REPLACE STAMPED CONCRETE IN KIND
- CIR/OVERLAY – SEE "X" SHEETS FOR THICKNESS
- 0.20' GRIND/0.20' HMA OVERLAY
- 0.25' HMA AND SAMI-R (GRIND 0.25')
- 0.33' PCCP CONCRETE SIDEWALK
- PAVEMENT TRANSITION DETAIL. SEE CD-21
- FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

NOTES

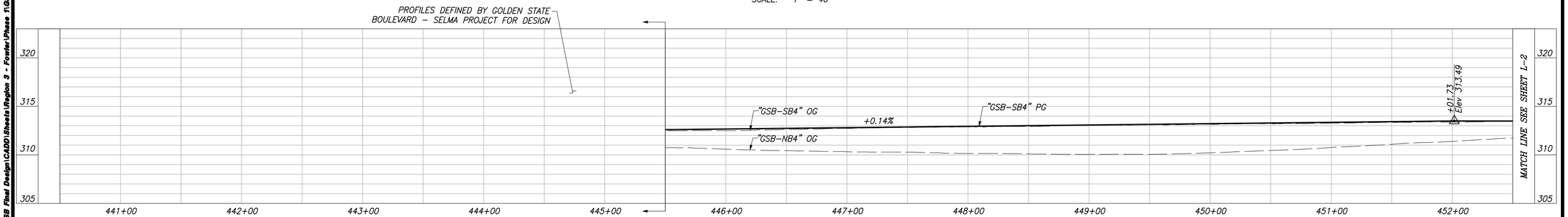
1) SEE CONSTRUCTION DETAILS FOR DETAILED GRADING AND LAYOUT INFORMATION
2) ALL STATION OFFSETS TO EP UNLESS OTHERWISE NOTED
3) UNLESS NOTED OTHERWISE TREES ARE TO BE PROTECTED IN PLACE



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4"" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

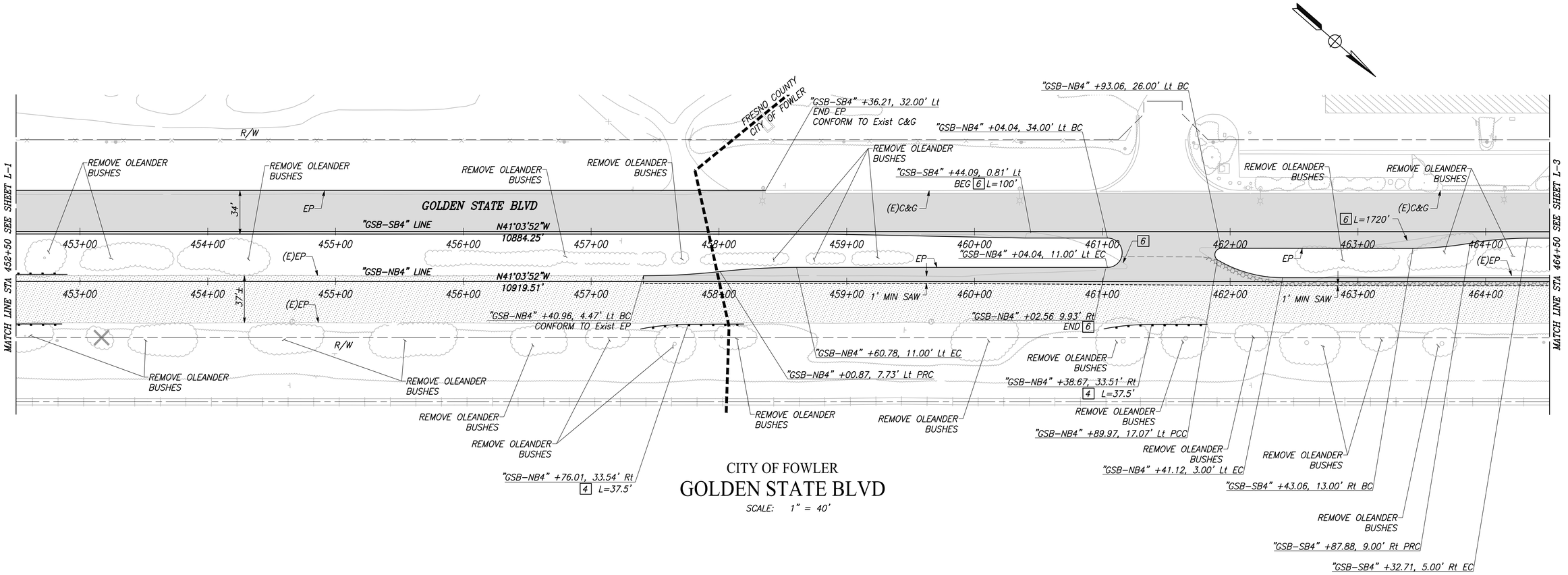
CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-1 SHEET NO. 13 TOTAL 143

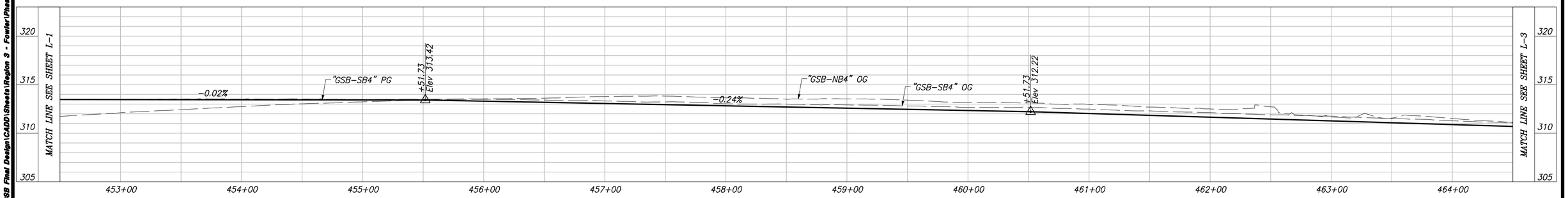
PLOT DATE:8/23/2022 8:49:10 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-2 SHEET NO. 14 TOTAL 143

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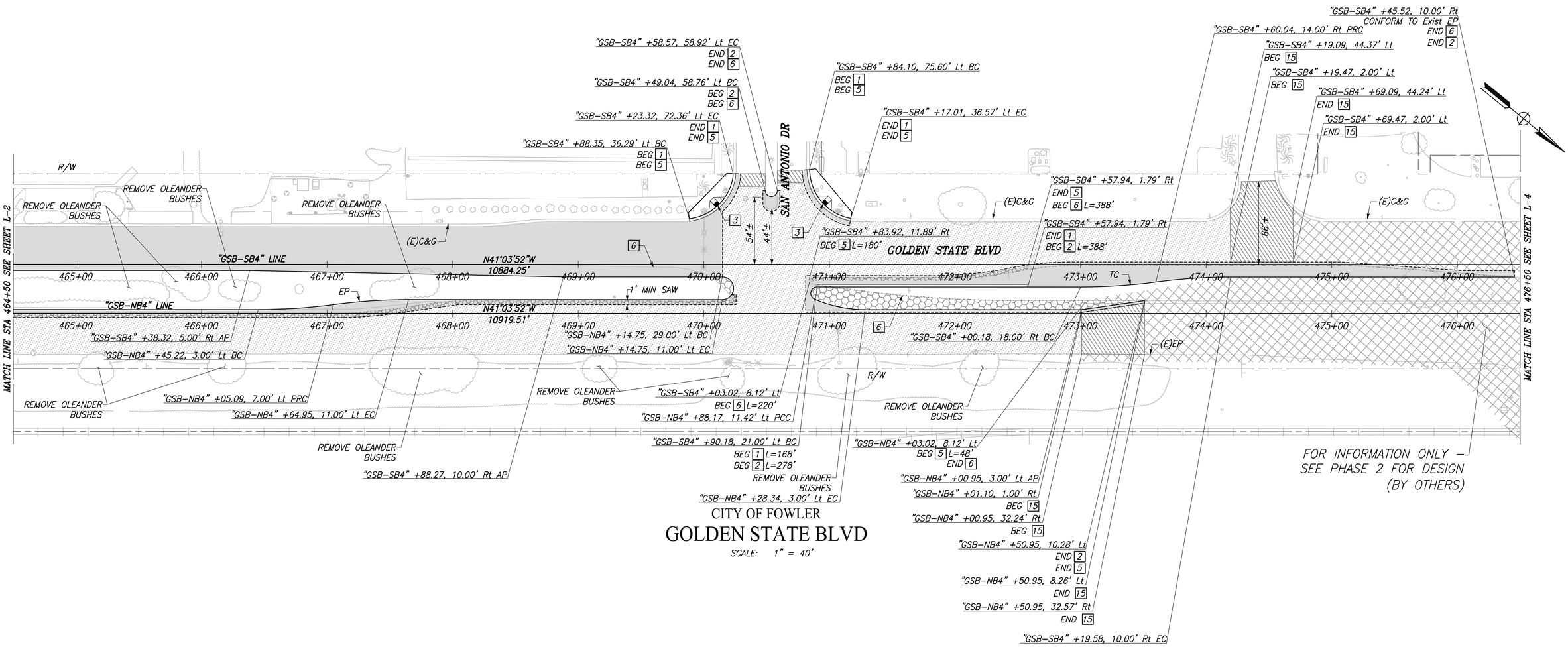
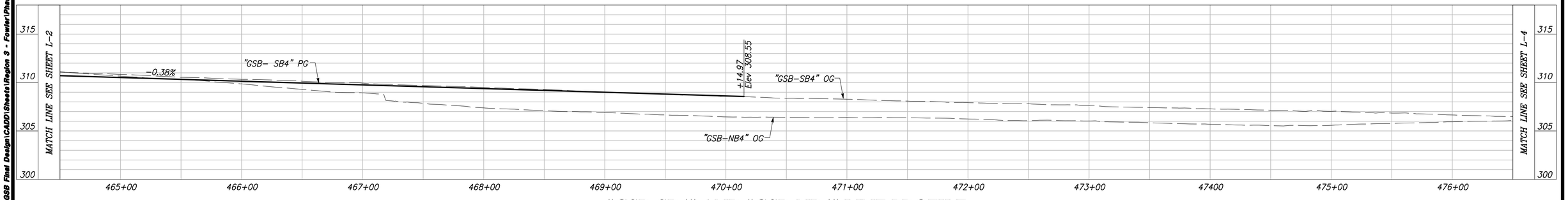


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

PLOT DATE:8/23/2022 8:49:23 AM CAD USER: DALAMEDA

PATH:\Fresno COG-FW-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L1-L7_P1.dwg

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 CIVIL STATE OF CALIFORNIA 5/30/23

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-3 SHEET NO. 15 TOTAL 143

PLOT DATE:8/23/2022 8:49:35 AM CAD USER: DALAMEDA
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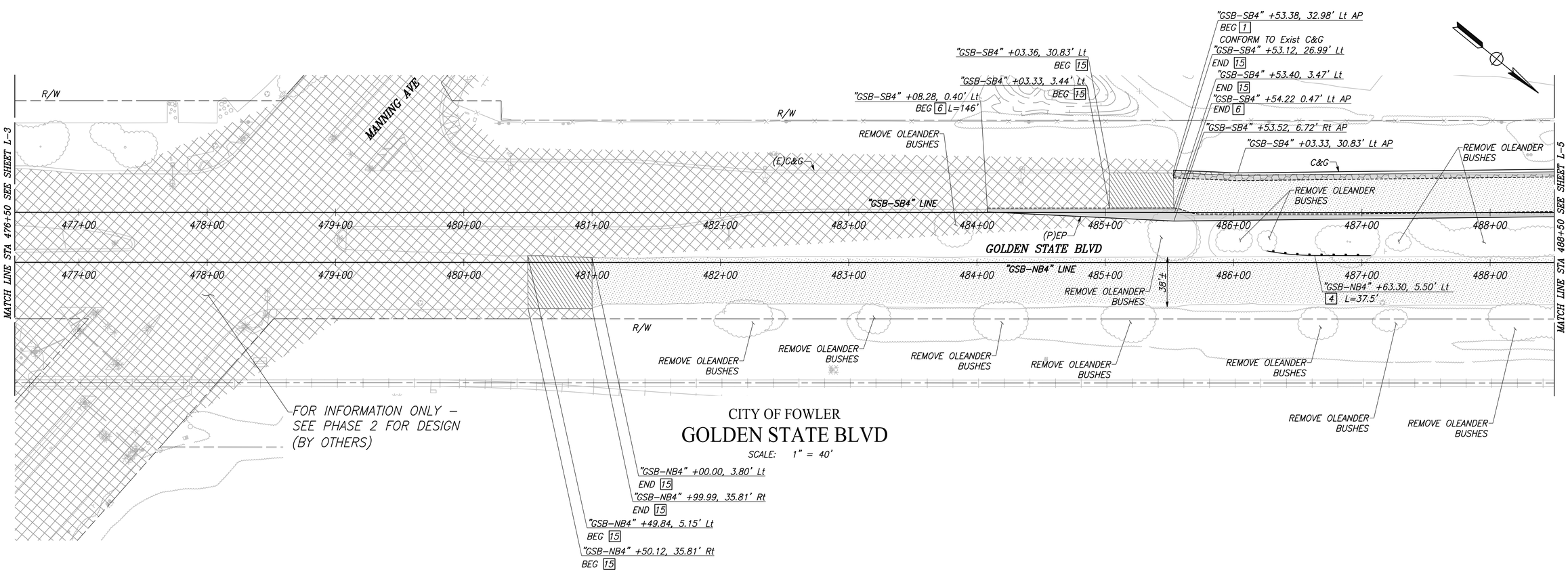
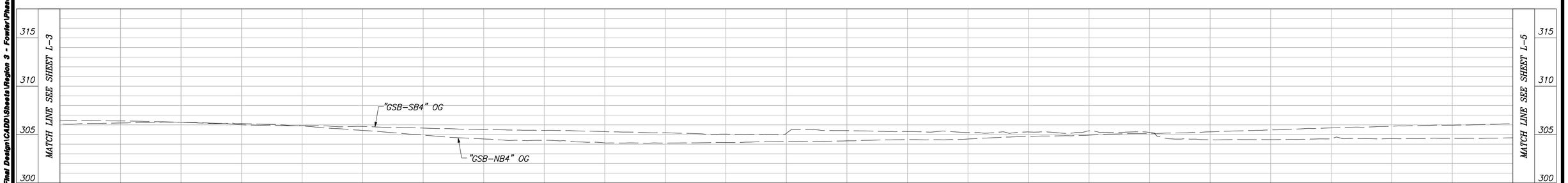


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER OSCAR A. NORIEGA No. 81555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

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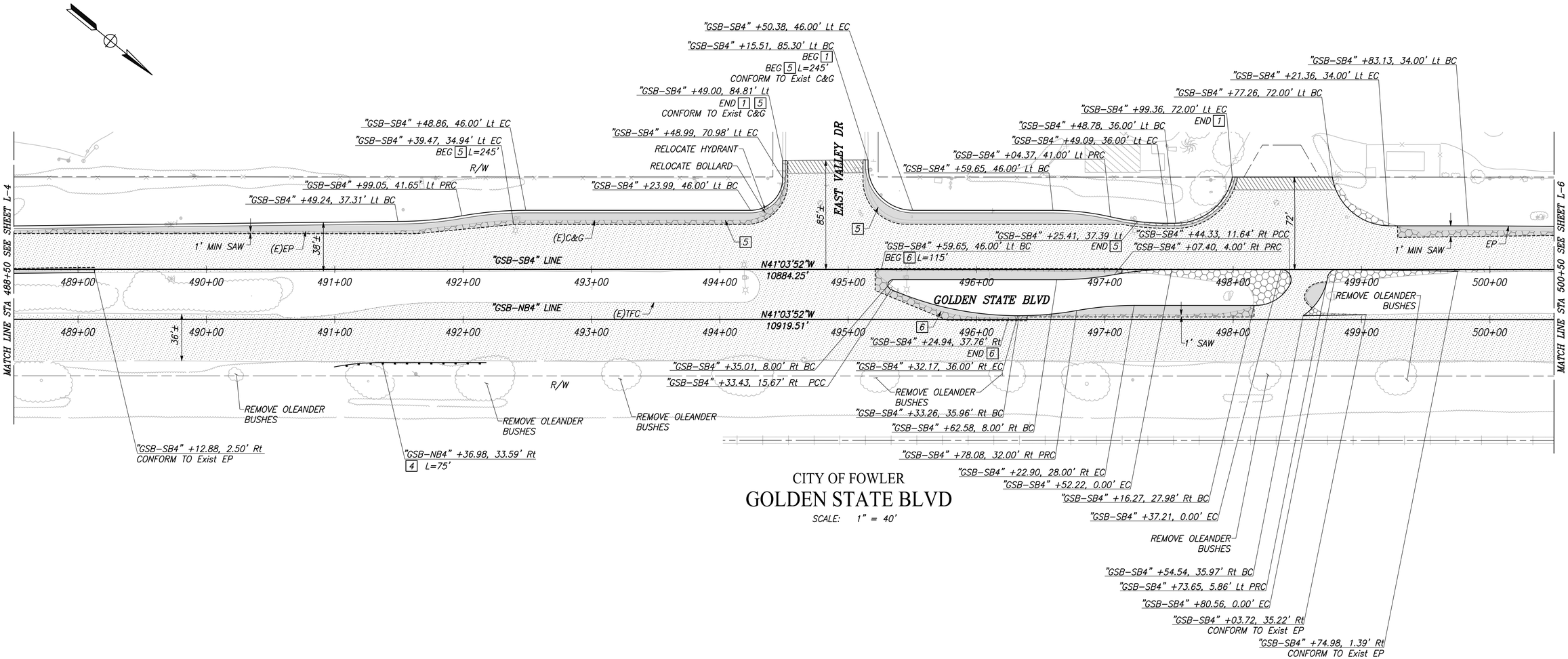
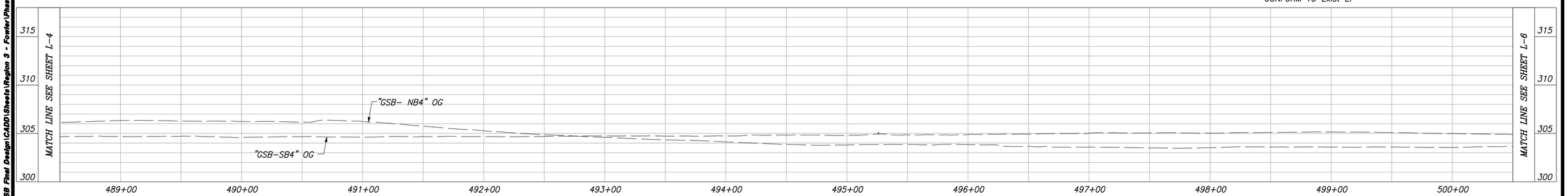


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

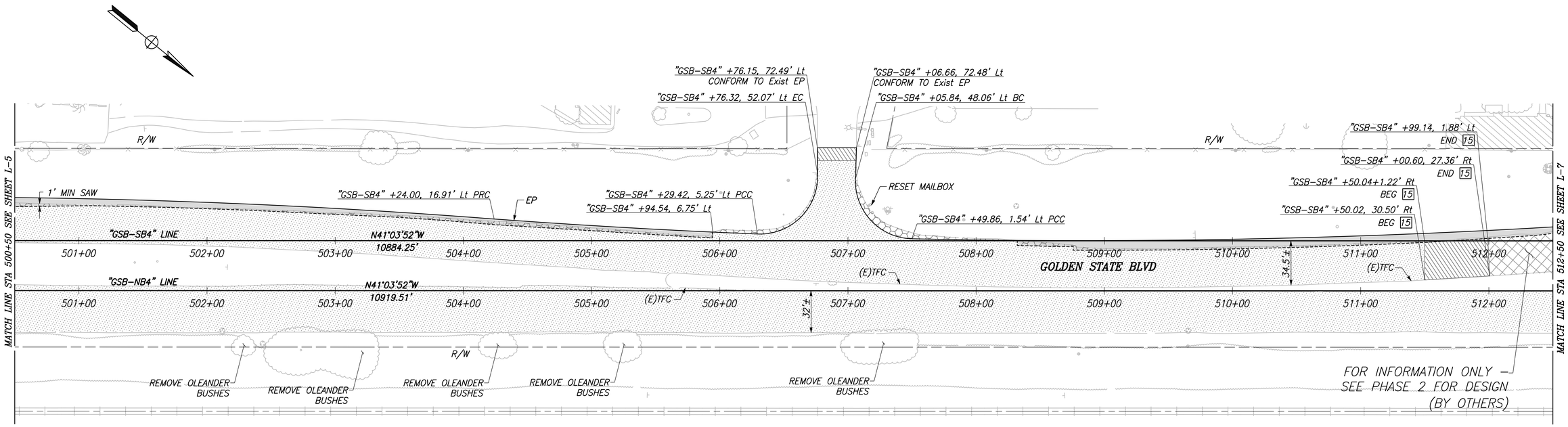
DRAWING NO. L-5 SHEET NO. 17 TOTAL 143

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L1-L7_P1.dwg

PLOT DATE:8/23/2022 8:49:48 AM

CAD USER: DALAMEDA

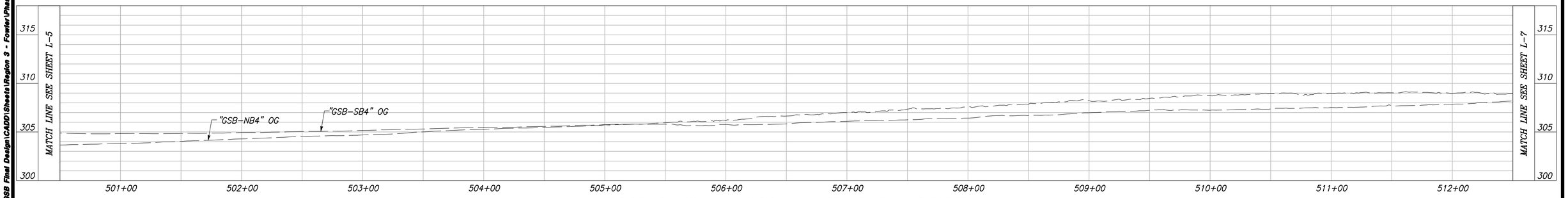
PLOT DATE:8/23/2022 8:50:00 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-6 SHEET NO. 18 TOTAL 143

PATH:\Fresno COG-FW-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L1-L7_P1.dwg

PLOT DATE:8/23/2022 8:50:12 AM CAD USER: DALAMEDA
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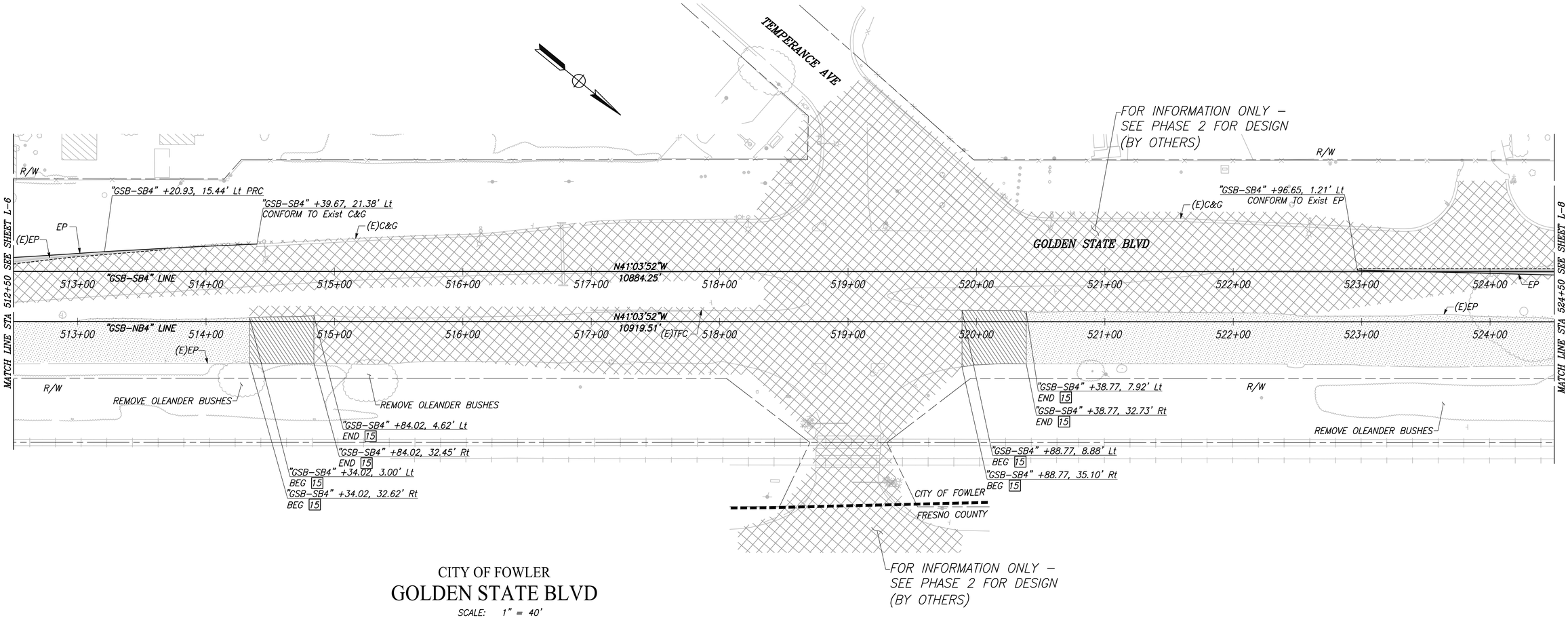
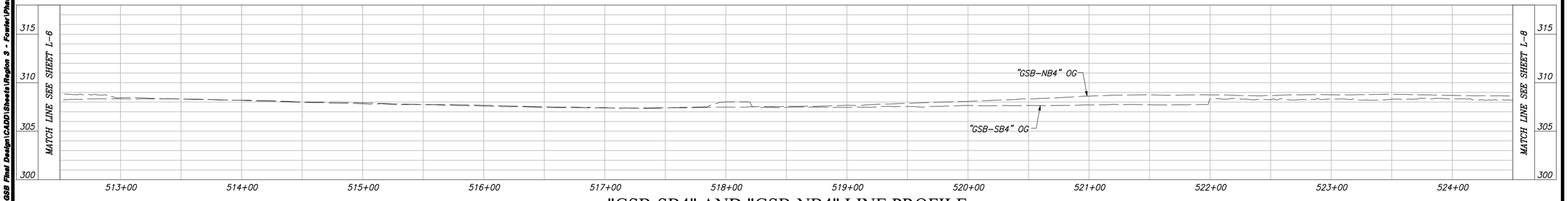


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-7 SHEET NO. 19 TOTAL 143

PLOT DATE:8/23/2022 8:50:45 AM CAD USER: DALAMEDA
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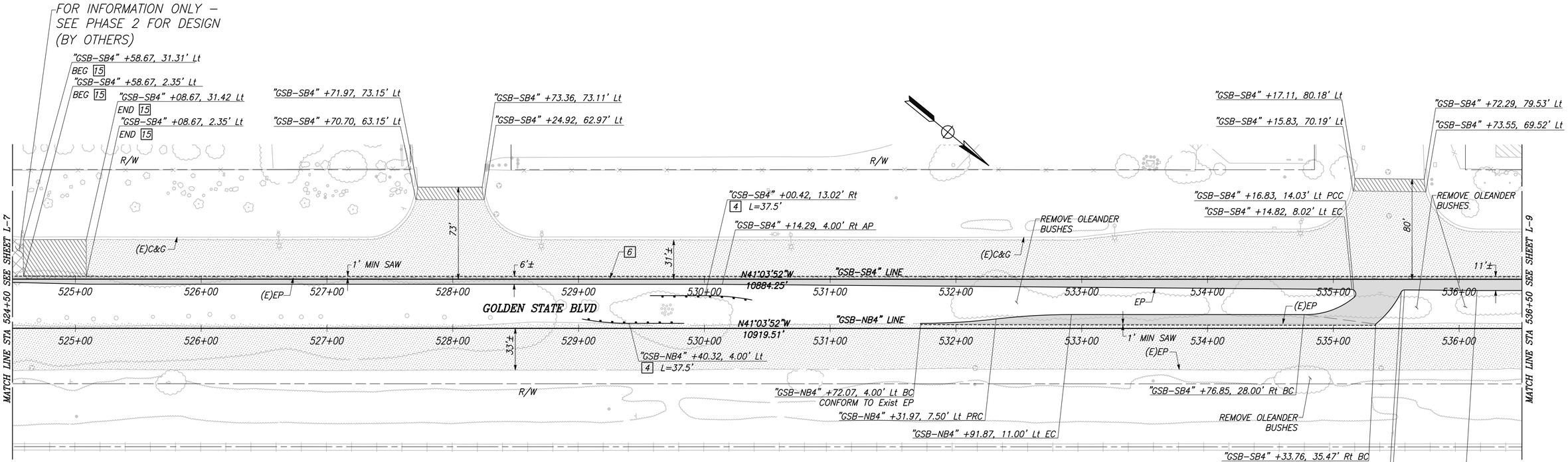
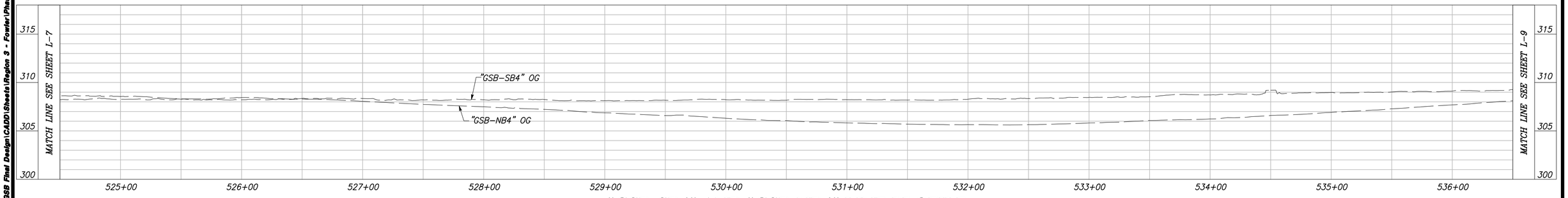


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

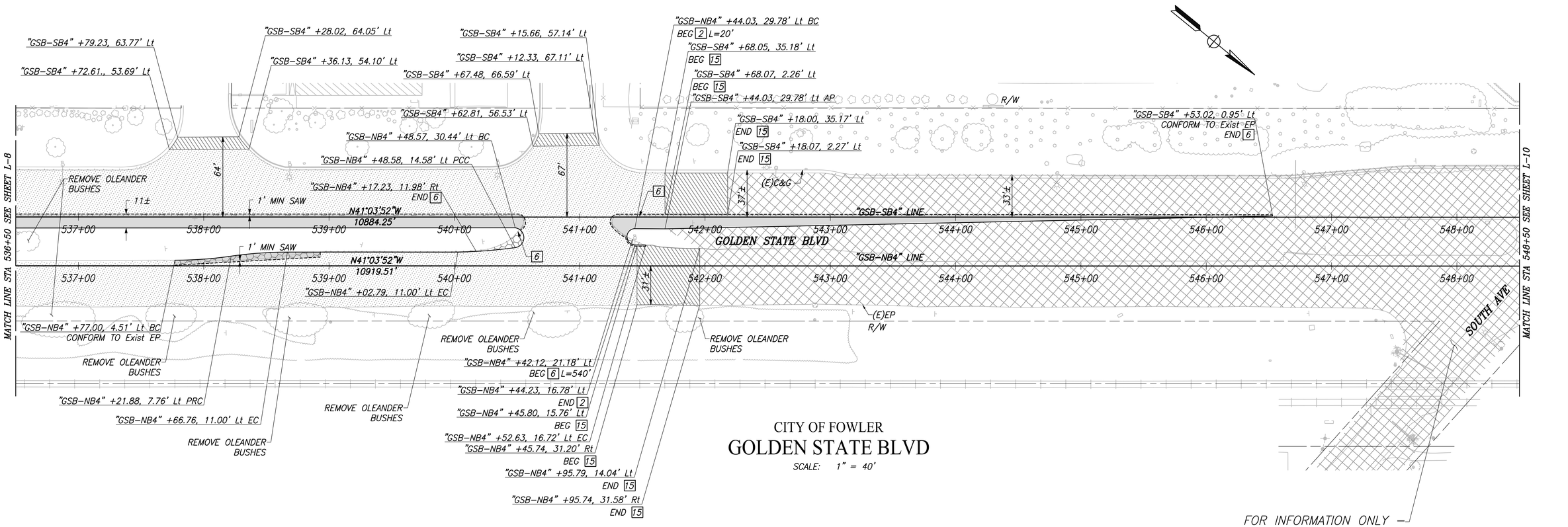
THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-8 SHEET NO. 20 TOTAL 143

PLOT DATE:8/23/2022 8:50:58 AM CAD USER: DALAMEDA
PATH:I:\Fresno COG-FM-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L8-L14_P1.dwg

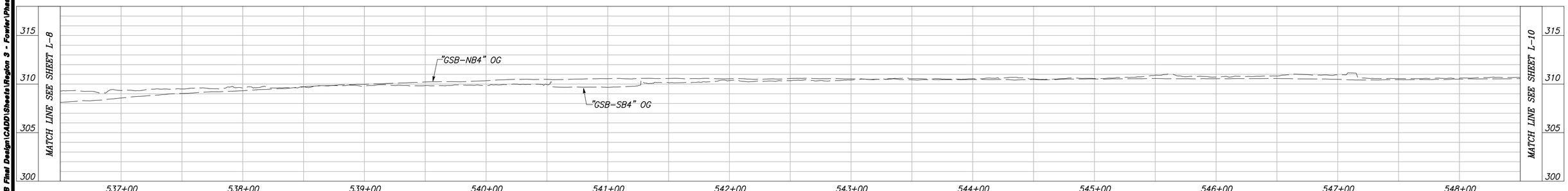


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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



"GSB-SB4" AND "GSB-NB4" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER-CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-9 SHEET NO. 21 TOTAL 143

PLOT DATE:8/23/2022 8:51:13 AM CAD USER: DALAMEDA
P:\Th\Fresno COG-FH-1610F-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L8-L14_P1.dwg

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

SOUTH AVE

REMOVE OLEANDER BUSHES
"GSB–SB4" 551+35.98 =
"GSB–CL3" 551+35.98, 25.00' Lt

REMOVE OLEANDER BUSHES

R/W

32'+/-

8TH ST

"GSB–CL3" +63.84, 53.65' Lt BC
END 15

"GSB–CL3" +61.61, 19.64' Lt
END 15

"GSB–CL3" +12.74, 54.85' Lt
BEG 15

"GSB–CL3" +12.41, 20.11' Lt
BEG 15

"GSB–CL3" +89.52, 55.39' Lt
CONFORM TO Exist EP

2

EP

MATCH LINE STA 548+50 SEE SHEET L-9

N41°03'52"W
10884.25'

"GSB–SB4" LINE

549+00 550+00 551+00

"GSB–CL3" +18.61, 0.00' Lt BC

"GSB–CL3" LINE

1

552+00 553+00 554+00 555+00 556+00 557+00 558+00 559+00 560+00

N42°00'55"W
82.64'

N41°03'52"W
10919.51'

"GSB–NB4" LINE

549+00 550+00 551+00

1' MIN SAW

48'+/-

GOLDEN STATE BLVD

(E)EP

EP

"GSB–CL3" +06.98, 12.31' Rt
CONFORM TO Exist EP

(E)EP

MATCH LINE STA 560+50 SEE SHEET L-11

"GSB–CL3" +67.39, 7.71' Rt AP
"GSB–CL3" +67.34, 12.21' Rt
BEG 15

"GSB–CL3" +66.98, 46.25' Rt
BEG 15

R/W

REMOVE OLEANDER BUSHES

REMOVE OLEANDER BUSHES

REMOVE OLEANDER BUSHES

REMOVE OLEANDER BUSHES

REMOVE OLEANDER BUSHES

REMOVE OLEANDER BUSHES

REMOVE OLEANDER BUSHES
"GSB–CL3" +17.47, 11.88' Rt
END 15

"GSB–CL3" +17.48, 45.84' Rt
END 15

"GSB–CL3" +86.66, 9.33' Rt
CONFORM TO Exist EP

"GSB–CL3" 551+35.98 =
"GSB–SB4" 551+35.98, 25.00' Lt

"GSB–NB4" 551+35.98, 21.00' Rt

"GSB–NB4" 551+35.98 =
"GSB–CL3" 551+35.98, 21.00' Lt

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	650000.00'	0°05'36"	529.09'	1058.17'
2	13666.32'	1°15'05"	220.81'	441.59'

"GSB-SB4", "GSB-NB4" AND "GSB-CL3" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

RECORDED PROFESSIONAL ENGINEER — EDGAR R. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

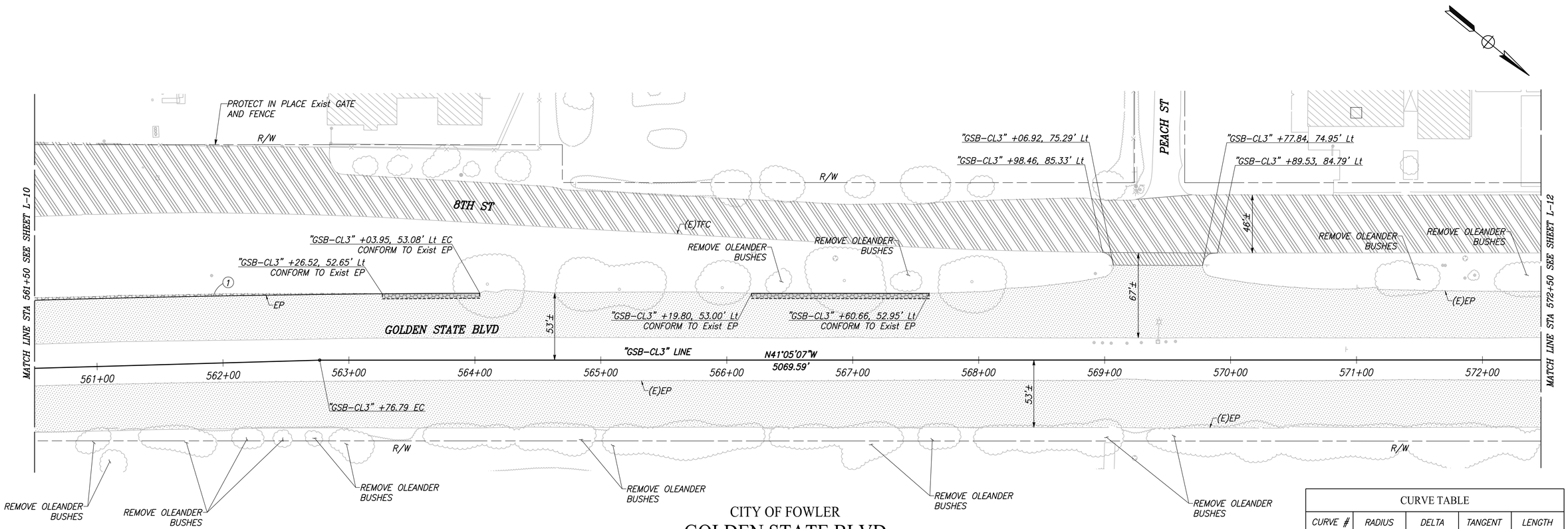
THE CITY OF FOWLER, CALIFORNIA — 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-10 SHEET NO. 22 TOTAL 143

PLOT DATE:8/23/2022 8:51:24 AM CAD USER: DALAMEDA
PATH:\\Fresno COG-FW-1910F-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L8-L14_P1.dwg

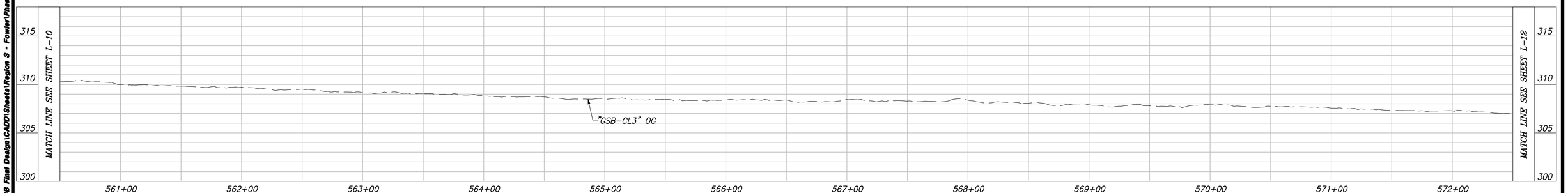


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	13666.32'	1°15'05"	220.81'	441.59'



"GSB-CL3" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

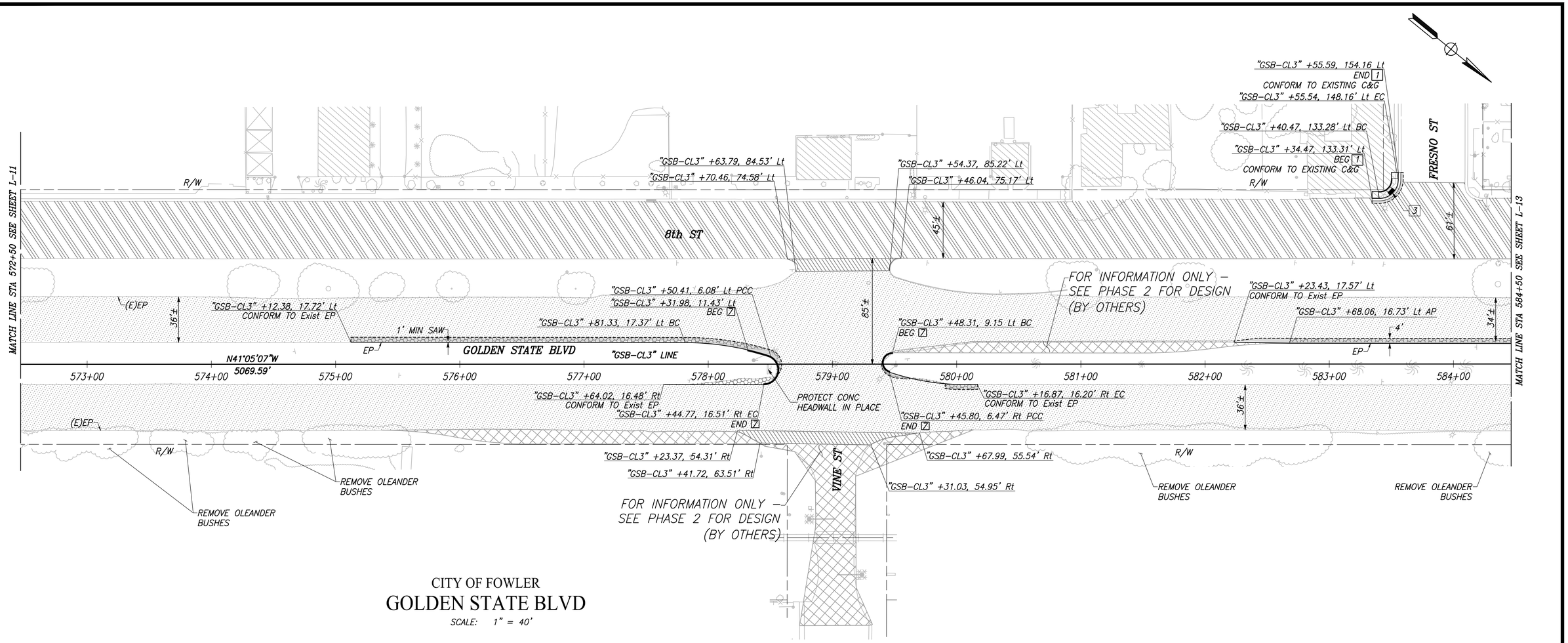
CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-11 SHEET NO. 23 TOTAL 143

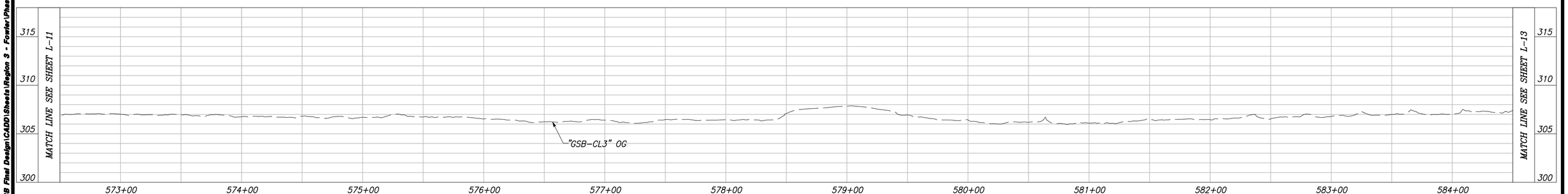
PLOT DATE:8/23/2022 8:51:35 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FIN-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L9-L14_P1.dwg



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-CL3" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-12 SHEET NO. 24 TOTAL 143

PLOT DATE:8/23/2022 8:51:45 AM CAD USER: DALAMEDA
PATH:\Fresno COG-FW-1910F-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L8-L14_P1.dwg

"GSB-CL3" +93.47, 53.56' Lt
END 15
"GSB-CL3" +93.38, 15.65' Lt
END 15
"GSB-CL3" +43.37, 53.73' Lt
BEG 15
"GSB-CL3" +43.48, 15.73' Lt
BEG 15
"GSB-CL3" +91.77, 166.17' Lt
BEG 1
CONFORM TO EXISTING C&G
"GSB-CL3" +91.88, 148.37' Lt BC
"GSB-CL3" +84.38, 129.35' Lt AP
"GSB-CL3" +06.90, 133.46' Lt EC
END 1
BEG 2 L=122'
CONFORM TO Exist C&G
"GSB-CL3" +12.90, 133.47' Lt
END 2
"GSB-CL3" +15.27, 148.32' Lt EC
END 1
CONFORM TO Exist C&G
REPLACE IN KIND STAMPED CONCRETE
"GSB-CL3" +95.25, 128.34' Lt BC
"GSB-CL3" +84.38, 129.35' Lt AP
"GSB-CL3" +69.83, 133.30' Lt
BEG 1 L=58'
CONFORM TO EXISTING TC
INSTALL PEDESTRIAN TRUNCATED DOME

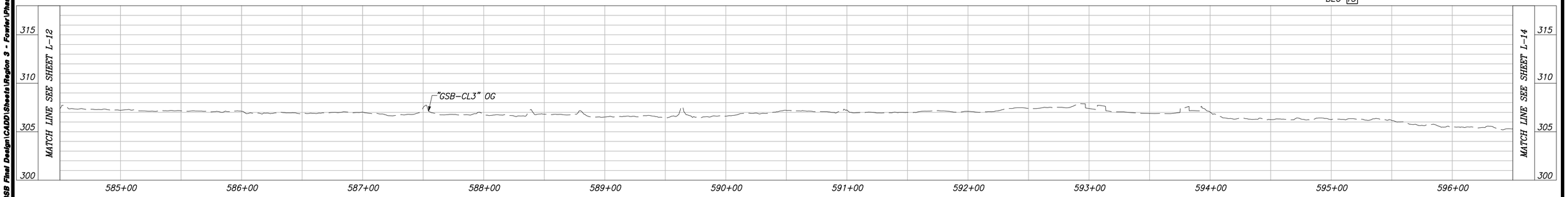
MAIN ST
MERCED ST
8TH ST
R/W
"GSB-CL3" +84.23, 139.05' Lt AP
"GSB-CL3" +84.27, 129.01' Lt AP
49'±
36'±
3
37'±
"GSB-CL3" +20.66, 15.88' Lt
CONFORM TO Exist EP
GOLDEN STATE BLVD
"GSB-CL3" LINE
N41°05'07"W
5069.59'

MATCH LINE STA 584+50 SEE SHEET L-12
MATCH LINE STA 596+50 SEE SHEET L-14

585+00 586+00 587+00 588+00 589+00 590+00 591+00 592+00 593+00 594+00 595+00 596+00

36'±
REMOVE OLEANDER BUSHES
"GSB-CL3" +79.56, 17.01' Rt
BEG 15
"GSB-CL3" +78.63, 53.61' Rt
BEG 15
"GSB-CL3" +28.82, 16.23' Rt
END 15
"GSB-CL3" +28.81, 54.29' Rt
END 15
FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)
"GSB-CL3" +19.18, 15.84' Rt
END 15
"GSB-CL3" +19.14, 54.06' Rt
END 15
"GSB-CL3" +69.10, 16.05' Rt
BEG 15
"GSB-CL3" +69.23, 54.30' Rt
BEG 15

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



"GSB-CL3" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

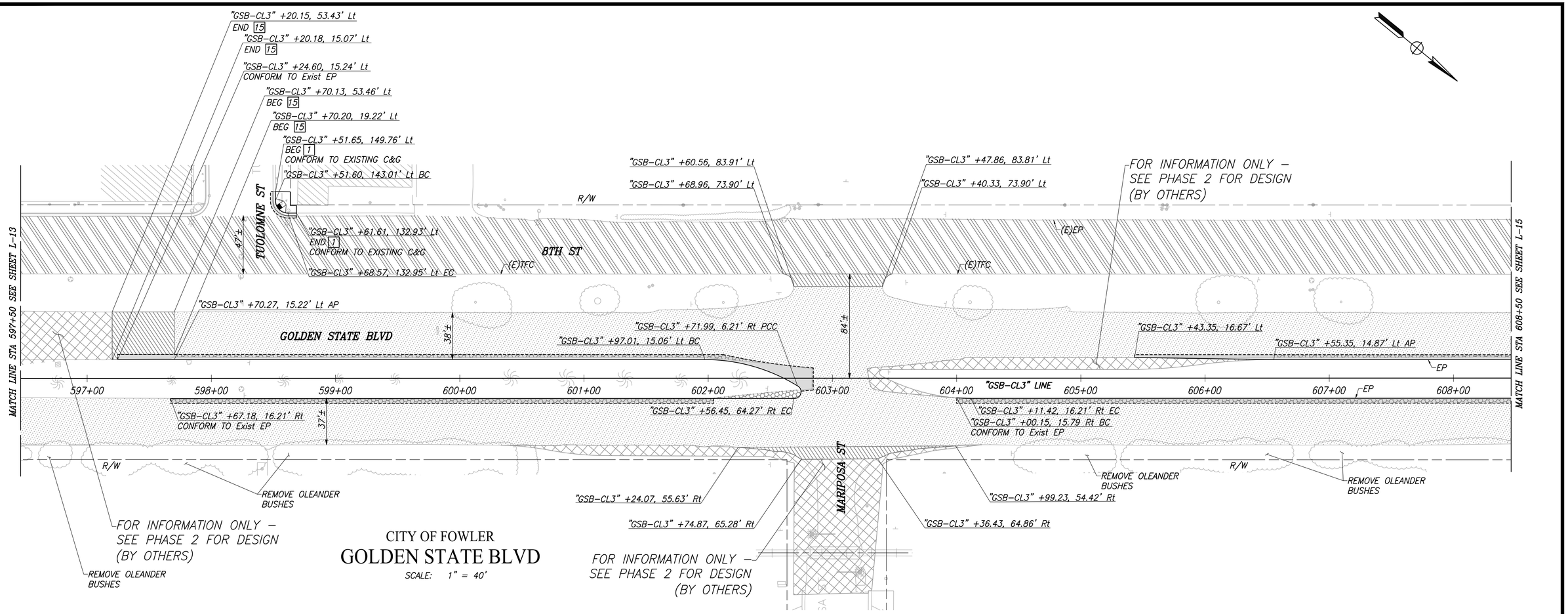
CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-13 SHEET NO. 25 TOTAL 143

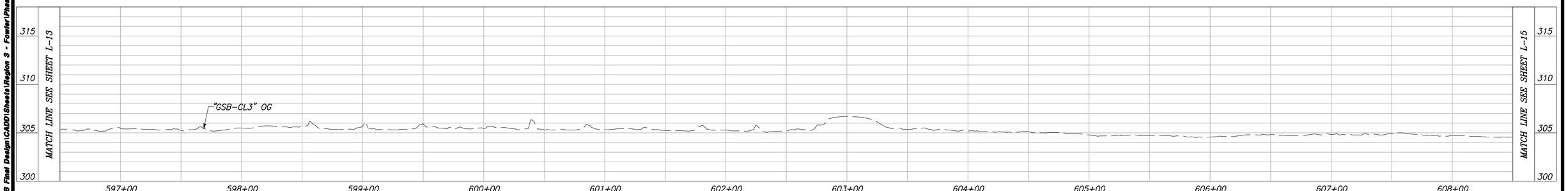
PLOT DATE:8/23/2022 8:51:56 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-CL3" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

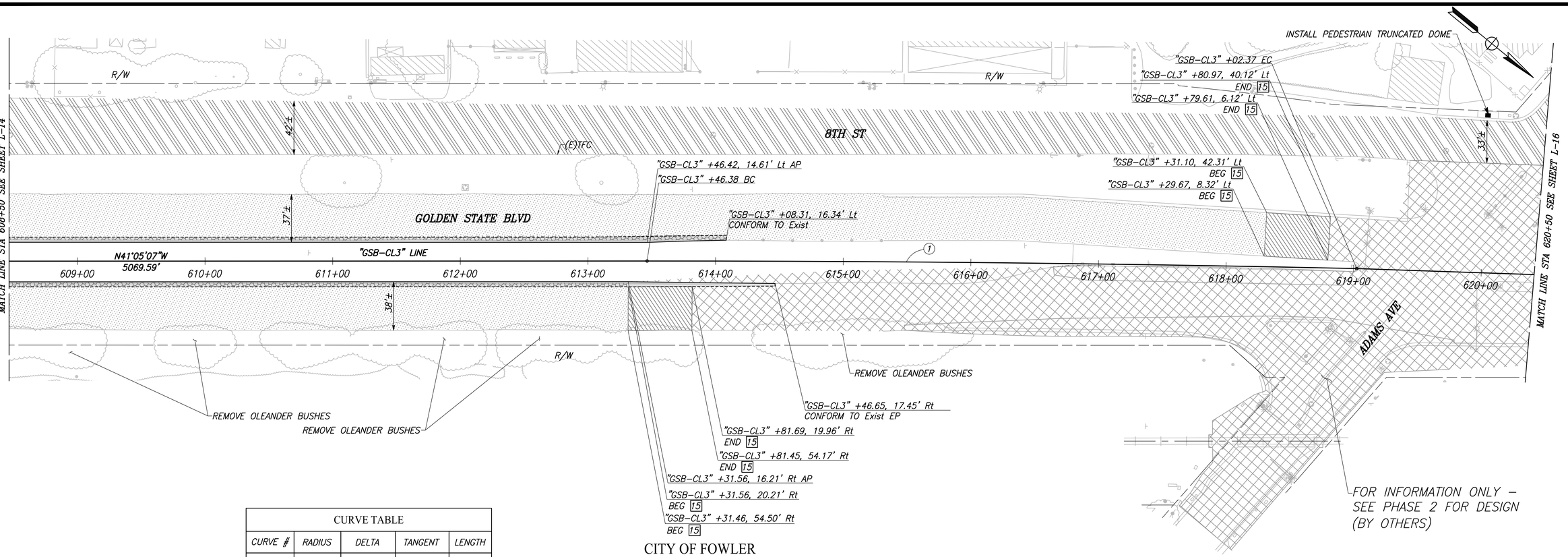
DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-14 SHEET NO. 26 TOTAL 143

PATH:J:\Fresno COG-FIN-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L9-L14_P1.dwg

PLOT DATE:8/23/2022 8:52:28 AM CAD USER: DALAMEDA

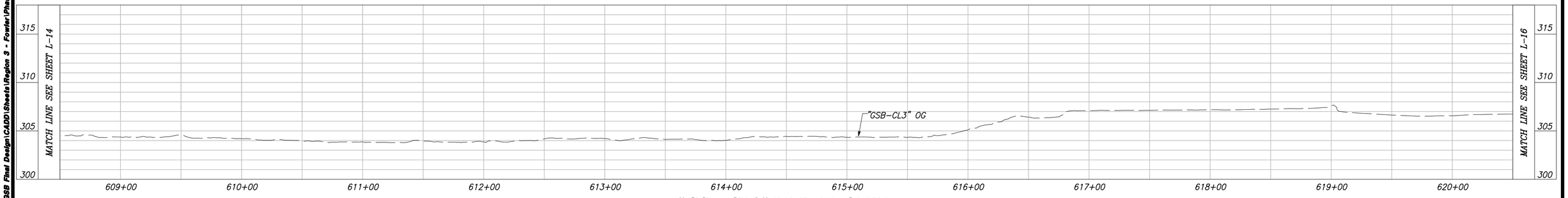


CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	25000.00'	1°16'27"	278.01'	555.99

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-CL3" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

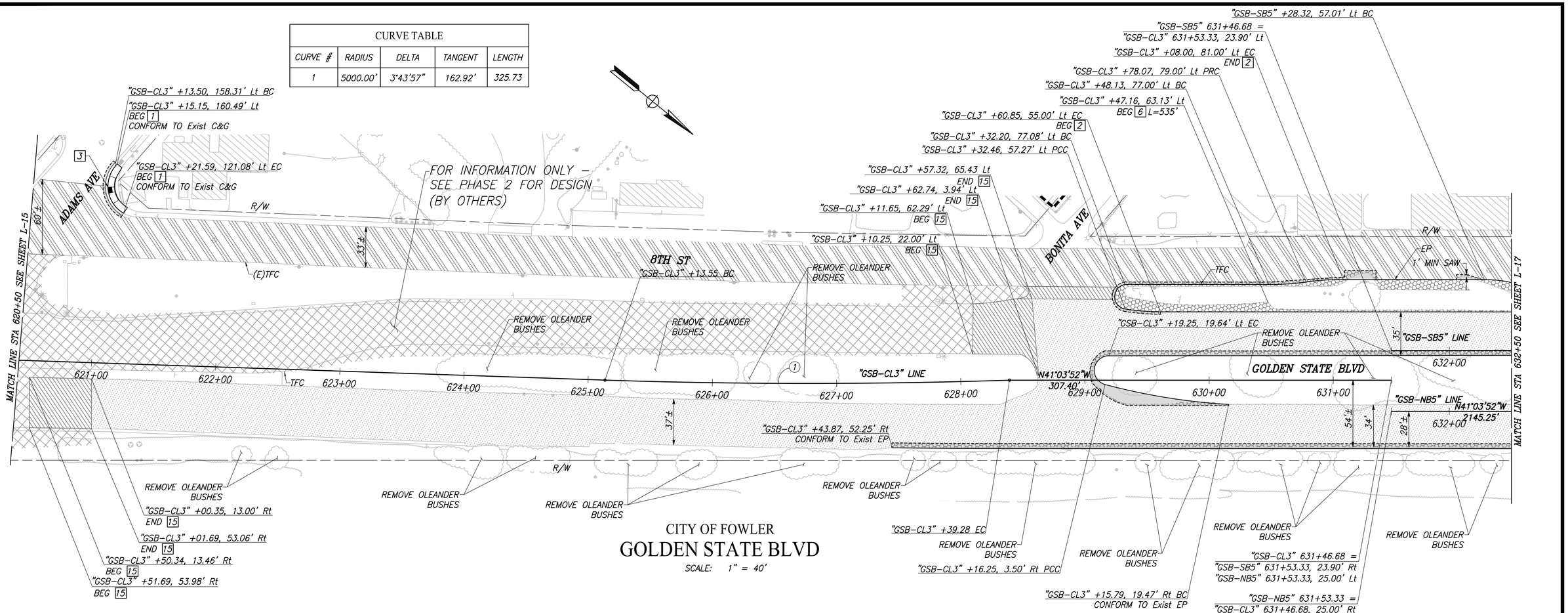
LAYOUT

DRAWING NO. L-15 SHEET NO. 27 TOTAL 143

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L15-L21_P1.dwg

PLOT DATE:8/23/2022 8:52:40 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L15-L21_P1.dwg

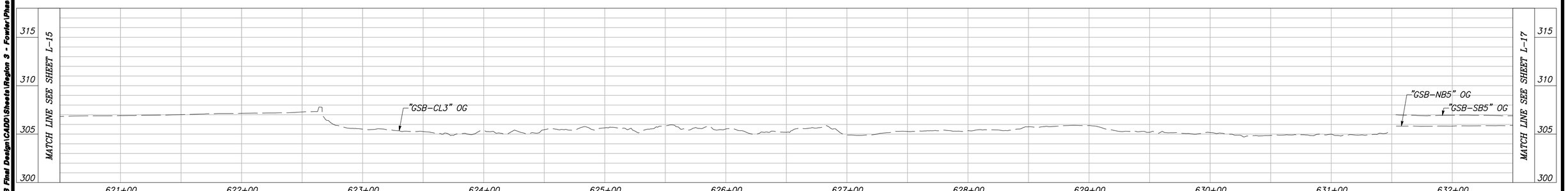
CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	5000.00'	3°43'57"	162.92'	325.73



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-CL3", "GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

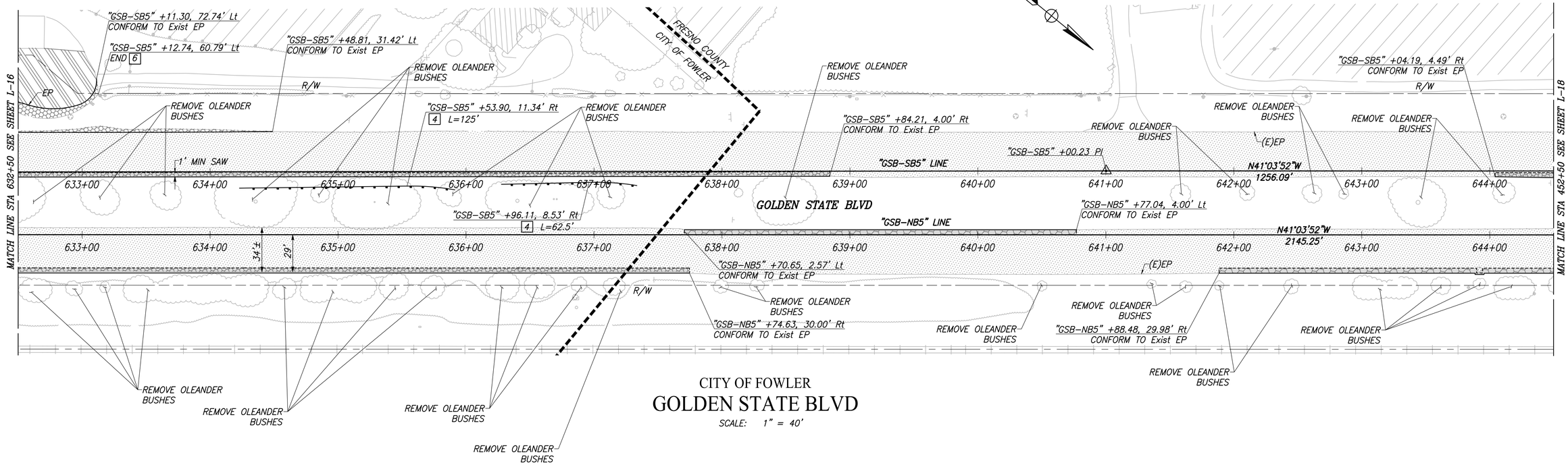
THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-16 SHEET NO. 28 TOTAL 143

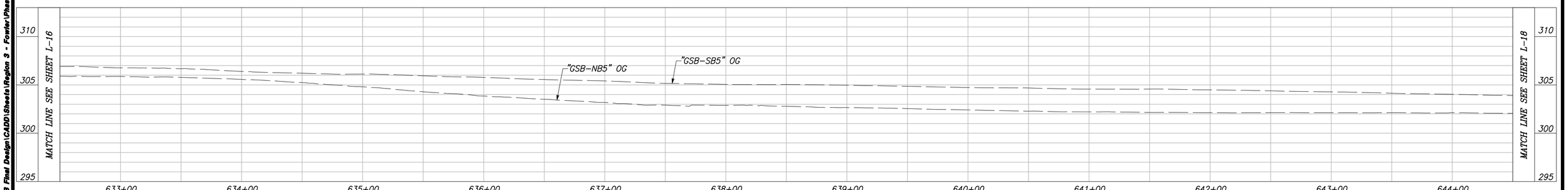
PLOT DATE:8/23/2022 8:52:48 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

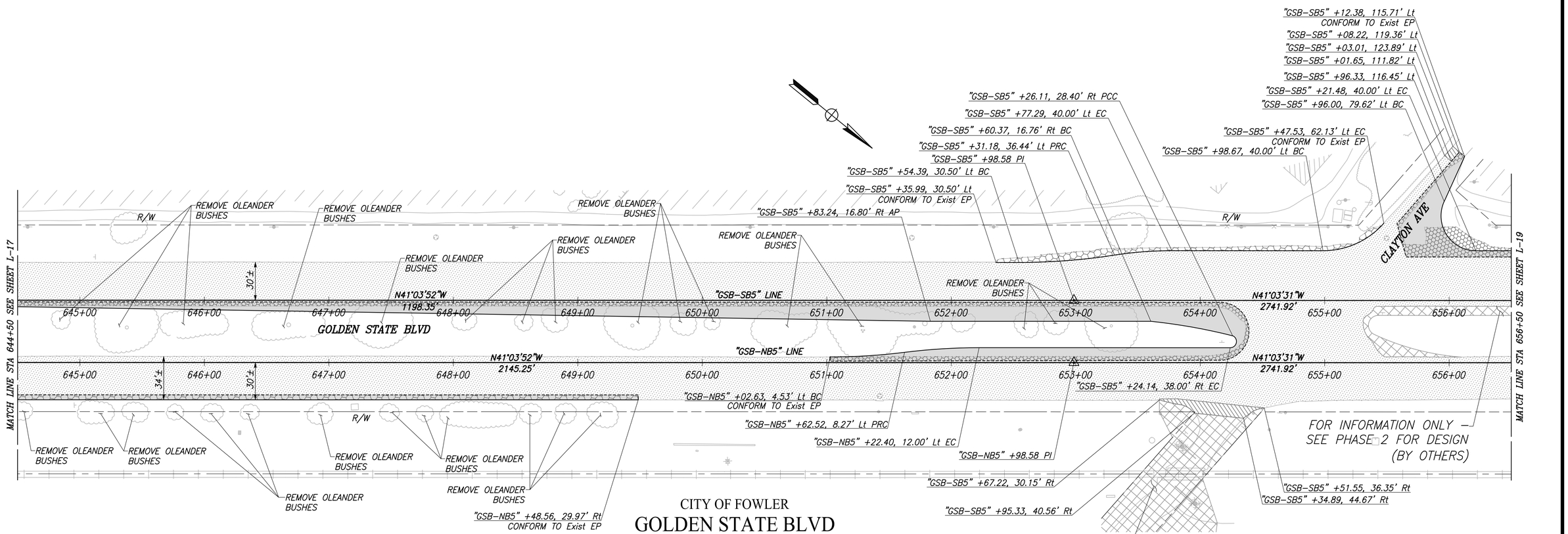
DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-17 SHEET NO. 29 TOTAL 143

PATH:J:\Fresno COG-FIN-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L16-L21_P1.dwg

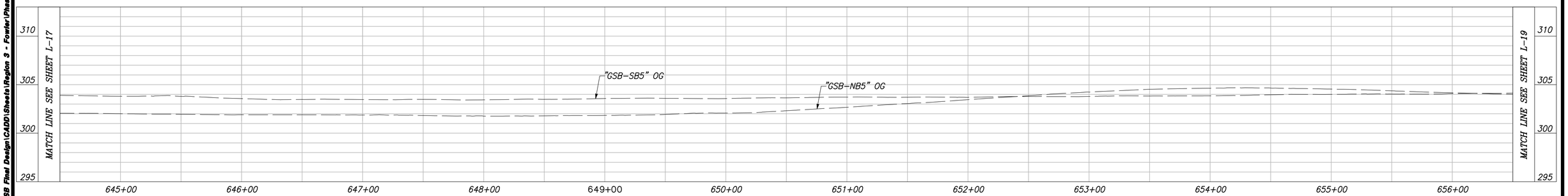
PLOT DATE:8/23/2022 8:52:57 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — OSCAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER-CALIFORNIA 1909

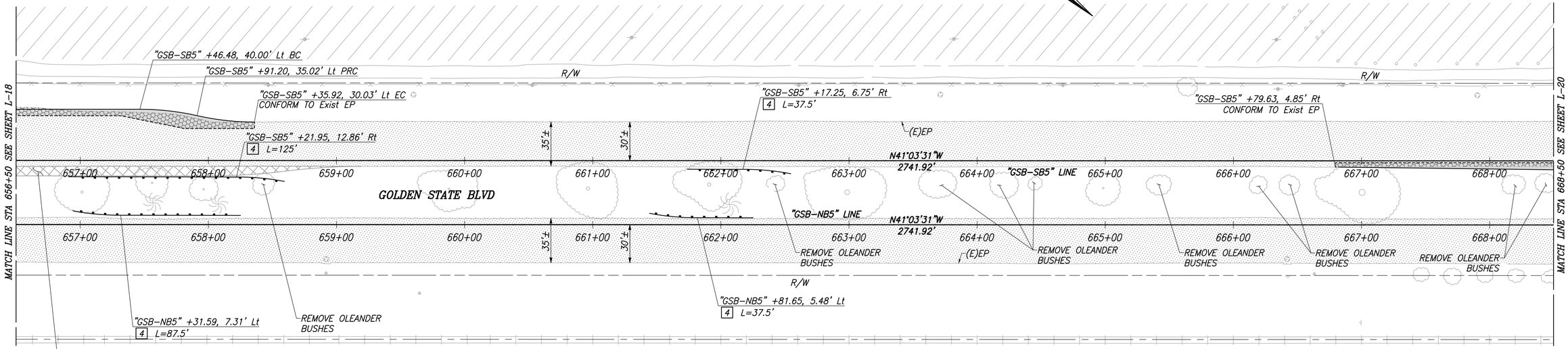
DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-18 SHEET NO. 30 TOTAL 143

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L16-L21_P1.dwg

PLOT DATE:8/23/2022 8:53:05 AM CAD USER: DALAMEDA

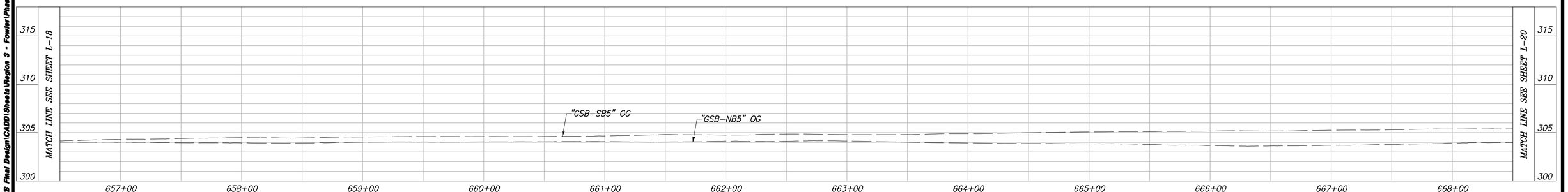


FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1909

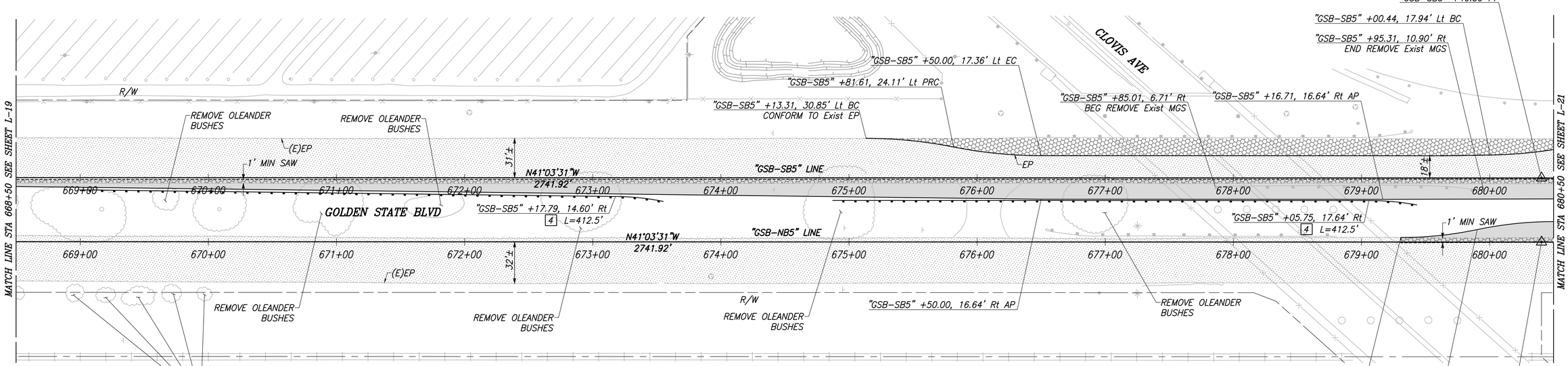
DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-19 SHEET NO. 31 TOTAL 143

PATH:J:\Fresno COG-FIK-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L15-L21_P1.dwg

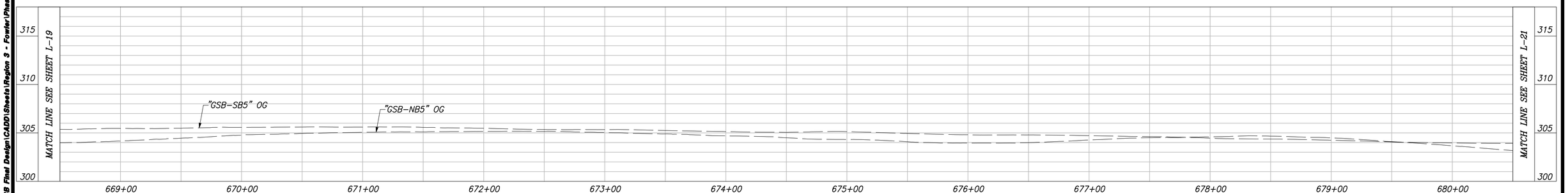
PLOT DATE:8/23/2022 8:53:13 AM CAD USER: DALAMEDA
P:\Th\Fresno COG-FH-1610S-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L15-L21_P1.dwg



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-20 SHEET NO. 32 TOTAL 143

PLOT DATE:8/23/2022 8:53:21 AM CAD USER: DALAMEDA
PATH:\Fresno COG-FM-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L15-L21_P1.dwg

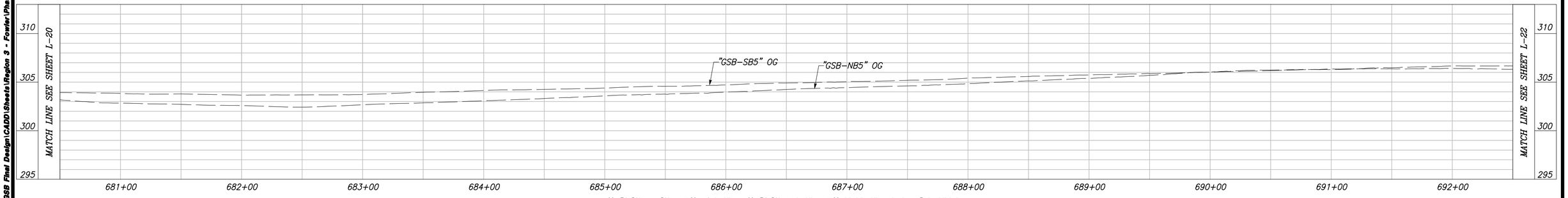
"GSB–SB5" +43.44, 75.01' Lt
"GSB–SB5" +46.32, 64.99' Lt
"GSB–SB5" +79.38, 73.95' Lt
"GSB–SB5" +80.45, 63.96' Lt
"GSB–SB5" +80.08, 59.04' Lt EC
"GSB–SB5" +44.44, 75.30' Lt BC
BEG [7] L=19'
CONFORM TO Exist EP
"GSB–SB5" +46.79, 66.75' Lt
BEG [6] L=56'
"GSB–SB5" +47.18, 65.73' Lt BC
"GSB–SB5" +50.75, 57.00' Lt BC
END [7]
"GSB–SB5" +58.05, 47.00' Lt BC
BEG [7] L=37'
"GSB–SB5" +86.17, 30.65' Lt
END [6]
"GSB–SB5" +91.08, 33.30' Lt EC
END [7]
"GSB–SB5" +99.47, 34.97' Lt BC
"GSB–SB5" +44.41, 33.71' Lt PRC
"GSB–SB5" +88.78, 30.44' Lt EC
CONFORM TO Exist EP
"GSB–SB5" +05.04, 41.00' Lt EC
"GSB–SB5" +73.44, 109.00' Lt
"GSB–SB5" +73.79, 106.04' Lt BC
CONFORM TO Exist C&G
"GSB–SB5" +67.85, 100.62' Lt
"GSB–SB5" +45.19, 134.44' Lt
"GSB–SB5" +38.57, 126.93' Lt
"GSB–SB5" +90.69, 73.80' Lt
CONFORM TO Exist EP
"GSB–SB5" +71.82, 52.22' Lt EC
"GSB–SB5" +22.73, 30.00' Lt BC
"GSB–SB5" +54.24, 30.24' Lt
CONFORM TO Exist EP
R/W
LINCOLN AVE
GOLDEN STATE FRONTAGE RD
"GSB–SB5" +60.52, 24.08' Lt PRC
"GSB–SB5" +22.49, 30.24' Lt EC
CONFORM TO Exist EP
"GSB–SB5" +77.32, 49.25' Lt BC
(E)EP
"GSB–SB5" +33.87, 16.99' Rt
[4] L=37.5'
74'±
[3]
[3]
"GSB–SB5" +22.30, 17.15' Rt BC
"GSB–SB5" +82.37, 12.22' Rt PRC
"GSB–SB5" +42.17, 7.30' Rt EC
"GSB–NB5" +93.67, 45.03' Lt BC
30'±
"GSB–SB5" +75.32, 20.95' Rt BC
N41°03'31"W
8086.44'
"GSB–SB5" LINE
GOLDEN STATE BLVD
"GSB–NB5" +96.67, 10.18' Lt
CONFORM TO Exist EP
N41°03'31"W
8043.31'
"GSB–NB5" LINE
EP
1' MIN SAW
R/W
"GSB–NB5" +69.60, 31.31' Lt PCC
"GSB–NB5" +65.96, 12.00' Lt EC
"GSB–NB5" +50.00, 16.00' Lt EC
"GSB–NB5" +95.86, 30.00' Rt
END HMA DIKE (TYPE F)
"GSB–NB5" +92.98, 28.08' Rt
END [6]
"GSB–SB5" +74.39, 36.88' Rt EC
"GSB–NB5" +15.96, 12.00' Lt EC
"GSB–NB5" +56.07, 8.32' Lt PRC
"GSB–NB5" +77.76, 30.00' Rt
CONFORM TO Exist EP
"GSB–SB5" +39.56, 7.80' Rt
[4] L=37.5'
"GSB–SB5" +78.93, 4.66' Rt
[4] L=37.5'
"GSB–NB5" +48.41, 30.79' Rt
[4] L=37.5'
"GSB–NB5" +96.44, 4.63' Lt BC
CONFORM TO Exist EP
"GSB–SB5" +51.29, 22.14' Rt PCC
"GSB–SB5" +50.01, 34.00' Rt EC
"GSB–NB5" +29.20, 29.76' Rt
BEG [6] L=181'
"GSB–NB5" +10.86, 30.00' Rt
BEG HMA DIKE (TYPE F)
CONFORM TO Exist EP
"GSB–SB5" +88.31, 15.82' Rt BC

MATCH LINE STA 680+50 SEE SHEET L-20
MATCH LINE STA 692+50 SEE SHEET L-22
681+00 682+00 683+00 684+00 685+00 686+00 687+00 688+00 689+00 690+00 691+00 692+00

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

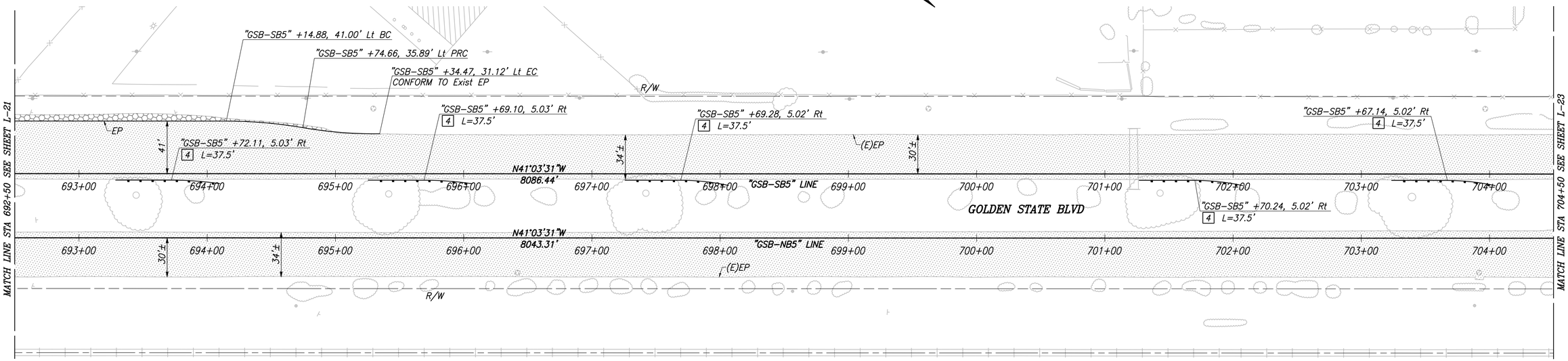
THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-21 SHEET NO. 33 TOTAL 143

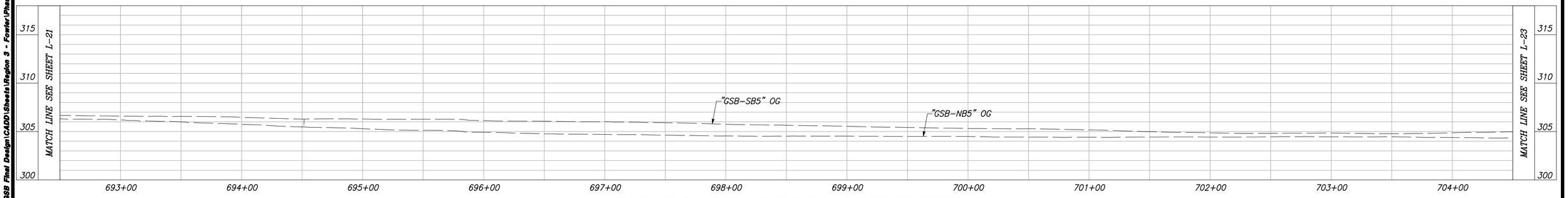
PLOT DATE:8/23/2022 8:53:46 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-22 SHEET NO. 34 TOTAL 143

PATH:J:\Fresno COG-FH-1610\-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L22-L27_P1.dwg

PLOT DATE:8/23/2022 8:53:53 AM CAD USER: DALAMEDA
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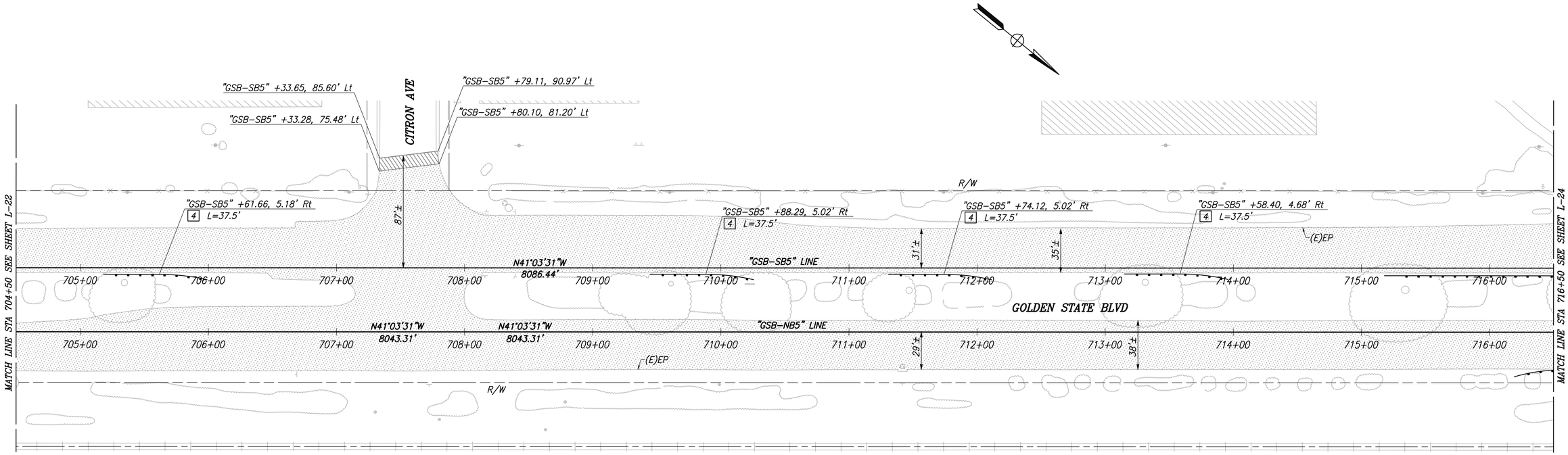
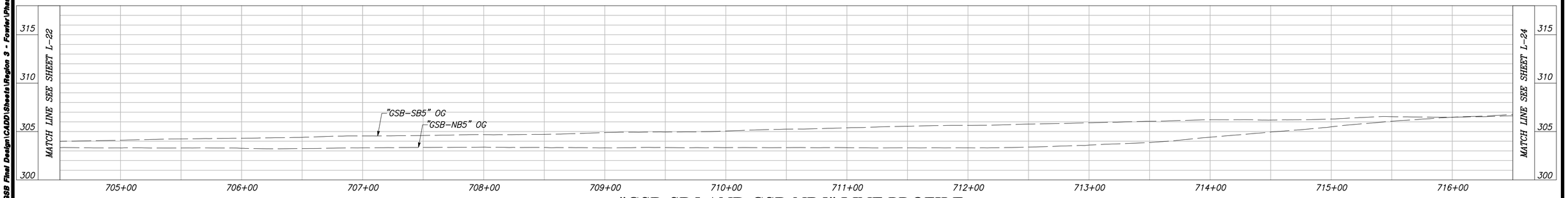


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5 AND GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

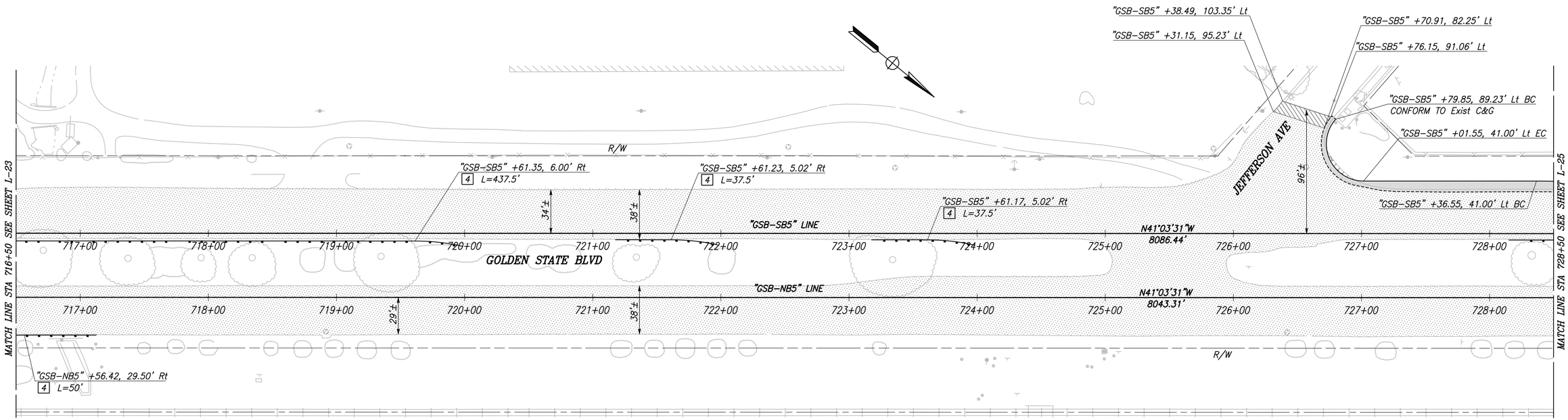
FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

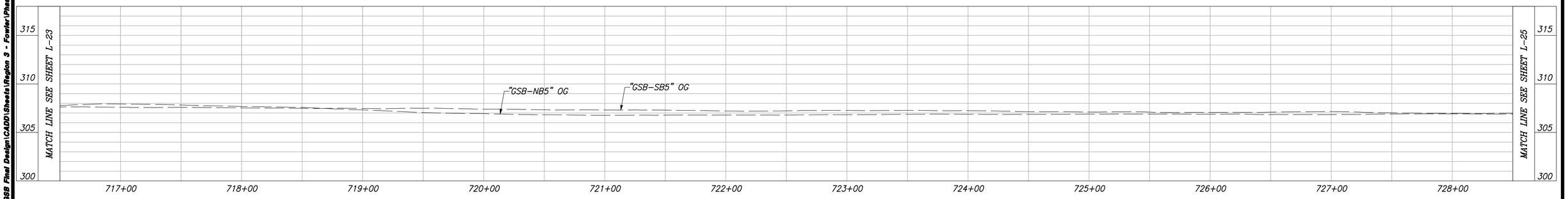
DRAWING NO. L-23 SHEET NO. 35 TOTAL 143



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

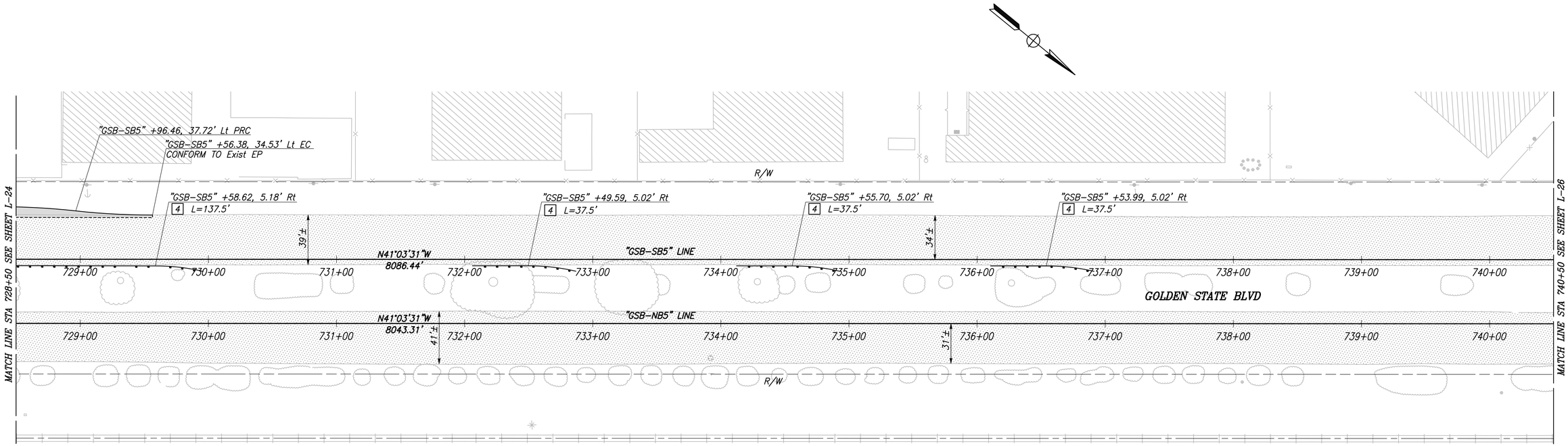
DRAWING NO. L-24 SHEET NO. 36 TOTAL 143

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L22-L27_P1.dwg

PLOT DATE:8/23/2022 8:54:00 AM

CAD USER: DALAMEDA

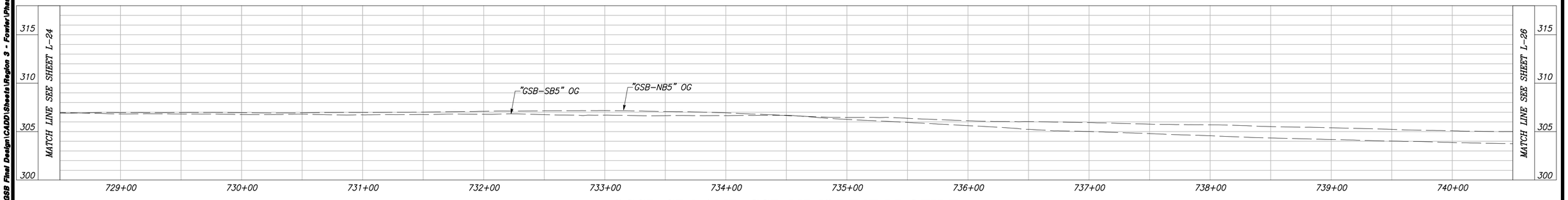
PLOT DATE:8/23/2022 8:44:08 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5 AND GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

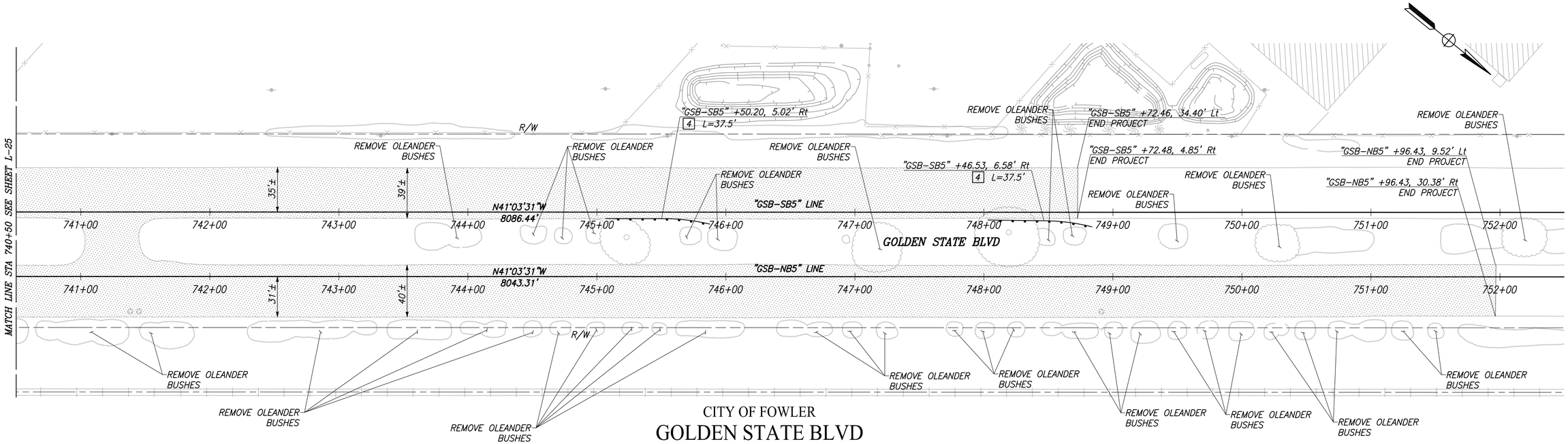
DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-25 SHEET NO. 37 TOTAL 143

P:\Th\Fresno COG-FH-1610S-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L22-L27_P1.dwg

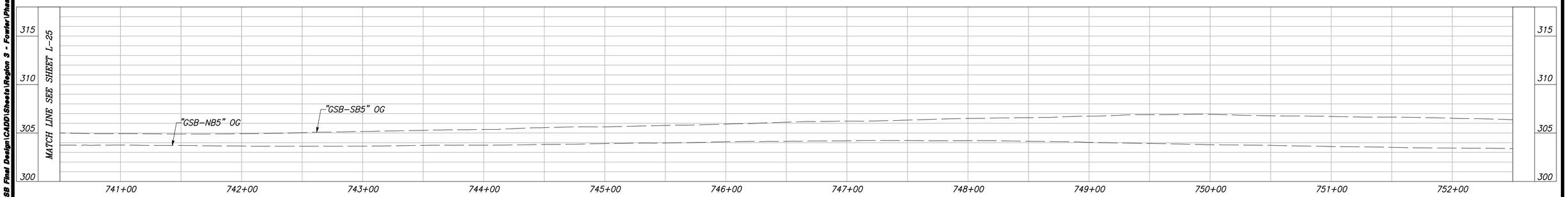
PLOT DATE:8/23/2022 8:44:14 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



"GSB-SB5" AND "GSB-NB5" LINE PROFILE

VERT SCALE: 1" = 5', HORZ SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LAYOUT

DRAWING NO. L-26 SHEET NO. 38 TOTAL 143

PATH:J:\Fresno COG-FIN-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_L22-L27_P1.dwg

PLOT DATE:8/23/2022 9:48:09 AM CAD USER: DALAMEDA
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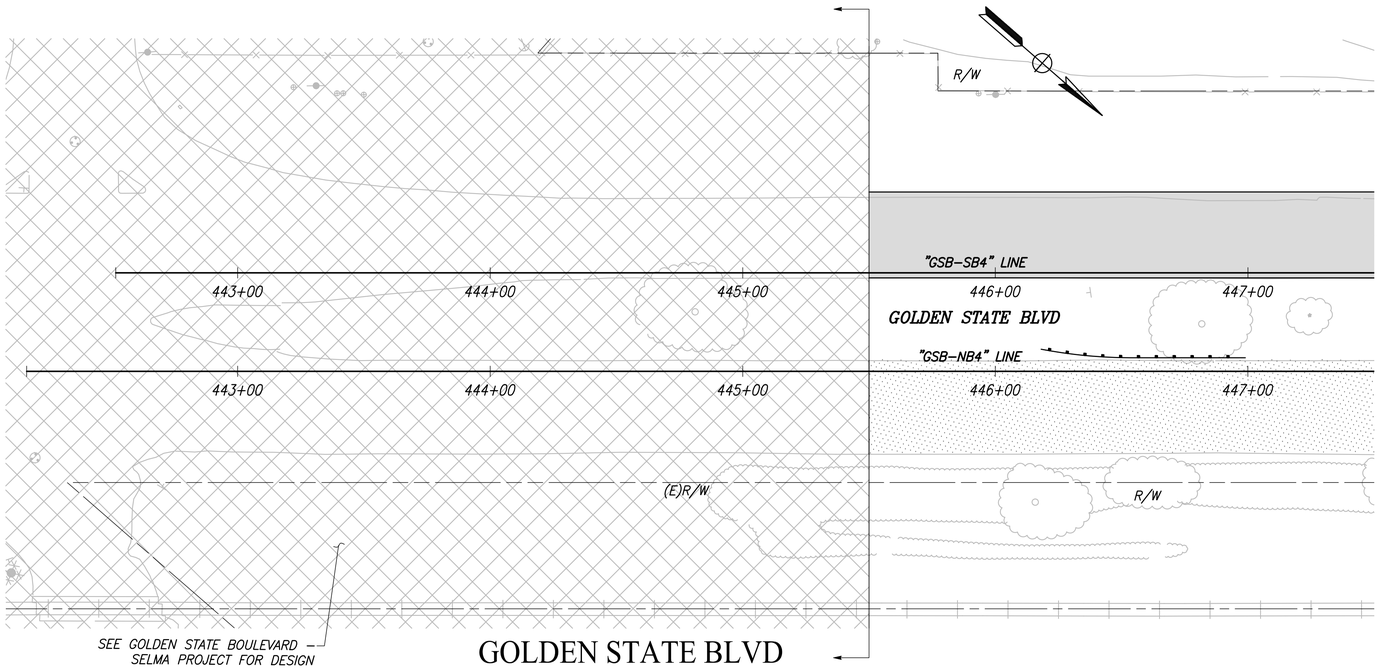
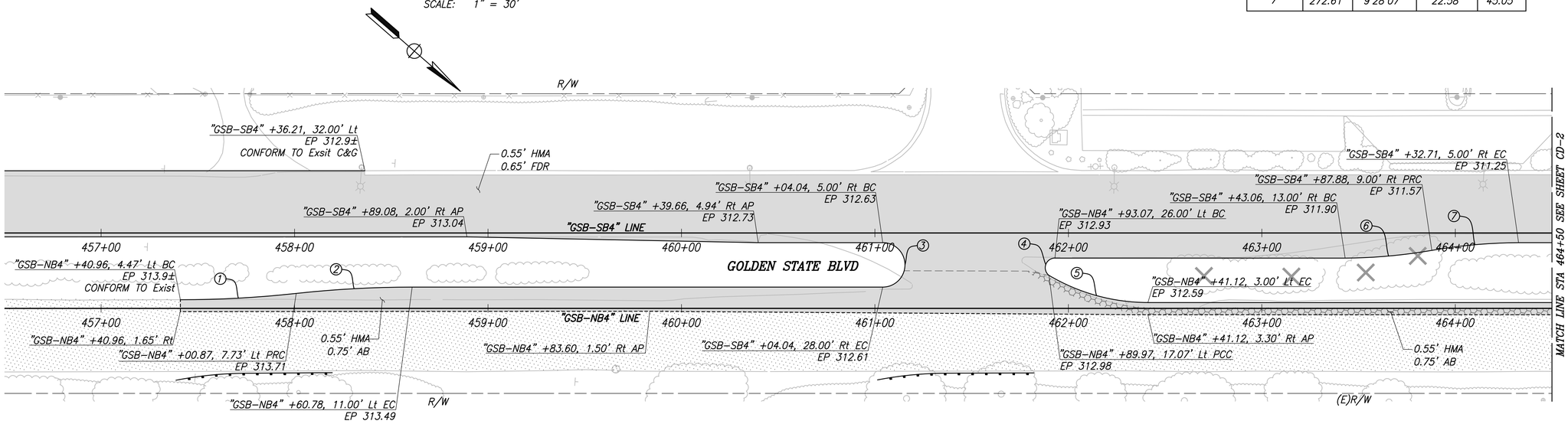


GOLDEN STATE BLVD

SCALE: 1" = 30'



GOLDEN STATE BLVD

SCALE: 1" = 30'

CONSTRUCTION NOTES

1. INTERSECTION PAVEMENT TRANSITION CONFORM PER DETAIL ON SHEET CD–21
2. CONSTRUCT CURB AND GUTTER TRANSITION TO EDGE OF PAVEMENT PER DETAIL ON SHEET CD–21
3. CONSTRUCT 6" CURB BREAK PER DETAIL ON SHEET CD–22
4. CONSTRUCT 6" DIKE (TYPE A) PER DETAIL ON SHEET CD–22
5. CONSTRUCT 6" DIKE (TYPE D) PER DETAIL ON SHEET CD–22
6. CURB AND GUTTER TRANSITION TO EDGE OF PAVEMENT SHEET CD–21
7. CONSTRUCT TRANSITION PER 3" CURB DETAIL ON SHEET CD–21
8. CONSTRUCT TRANSITION PER 12" CURB DETAIL ON SHEET CD–21

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	551.35'	6°14'18"	30.04'	60.03'
2	551.30'	6°14'20"	30.04'	60.03'
3	11.50'	180°00'00"	INF	36.13'
4	5.00'	141°44'16"	14.41'	12.37'
5	100.00'	30°45'59"	27.51'	53.70'
6	272.61'	9°28'07"	22.58'	45.05'
7	272.61'	9°28'07"	22.58'	45.05'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-1 SHEET NO. 39 TOTAL 143

PLOT DATE:8/23/2022 9:48:20 AM CAD USER: DALAMEDA
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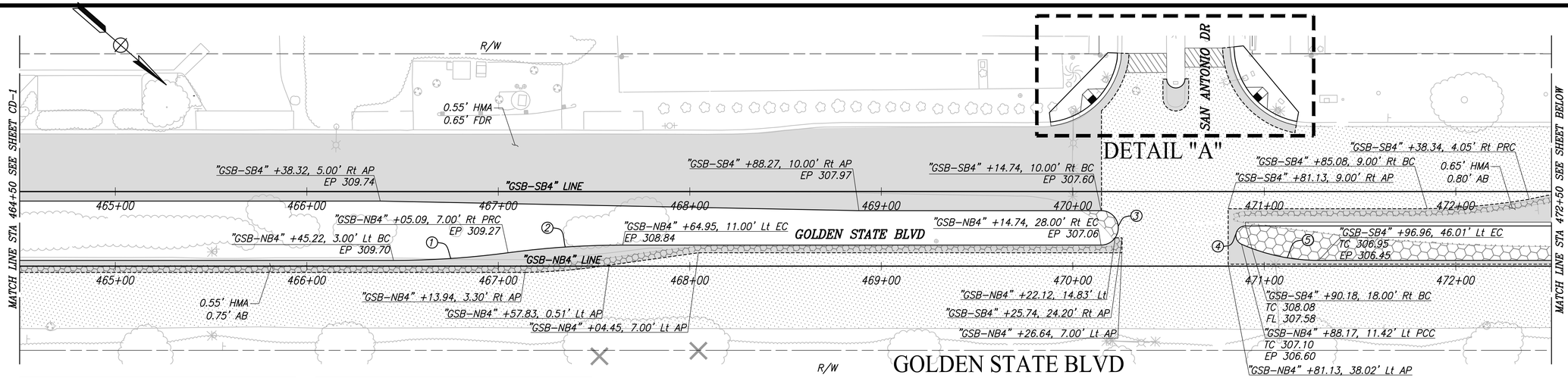
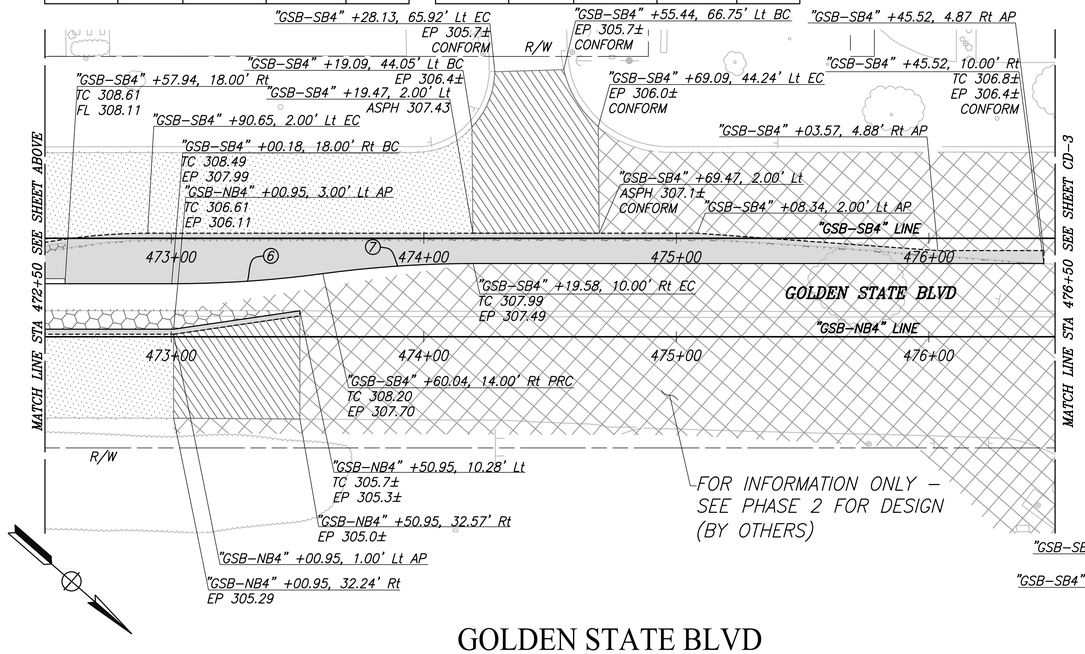


GOLDEN STATE BLVD

SCALE: 1" = 30'

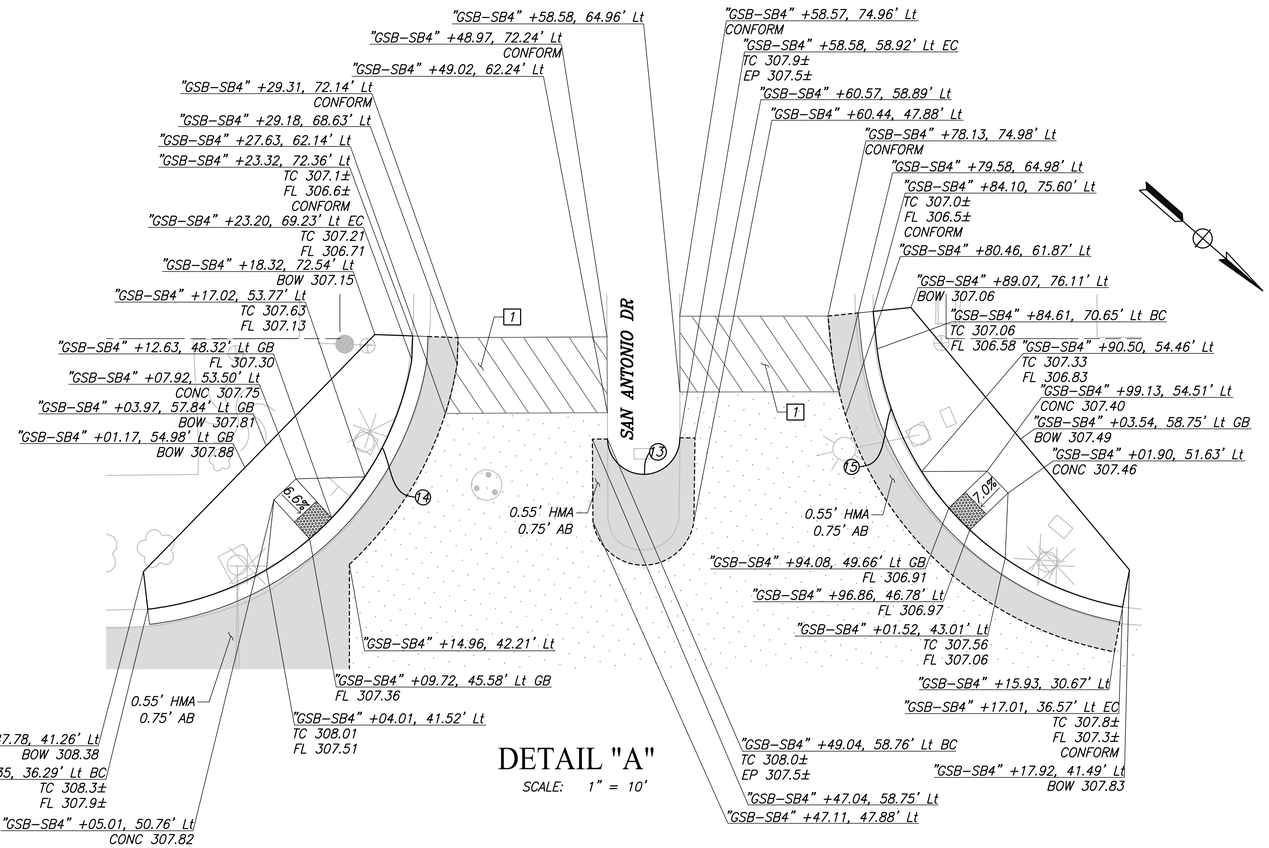
CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	450.00'	7°38'42"	30.07'	60.04'
2	450.00'	7°38'42"	30.07'	60.04'
3	9.00'	180°00'00"	INF	28.27'
4	5.00'	156°19'05"	23.85'	13.64'
5	100.00'	23°40'55"	20.97'	41.33'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
6	450.00'	7°38'42"	30.07'	60.04'
7	450.01'	7°36'08"	29.90'	59.71'
13	4.77'	179°30'31"	1112.51'	14.95'
14	40.00'	73°39'25"	29.95'	51.42'
15	40.00	71°59'54"	29.06'	50.26'



GOLDEN STATE BLVD

SCALE: 1" = 30'



DETAIL "A"

SCALE: 1" = 10'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR K. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

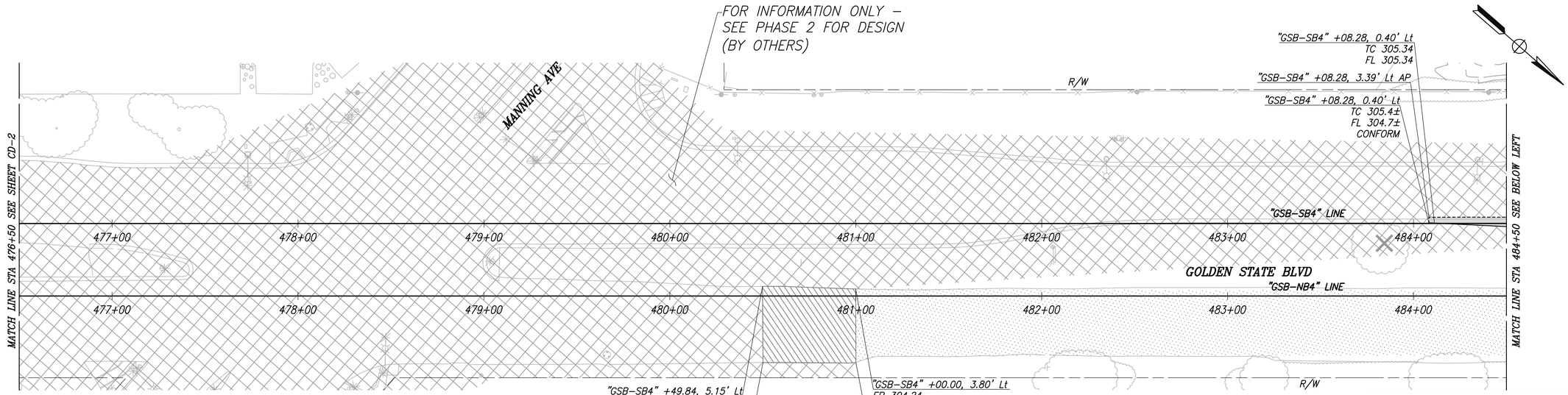
THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-2 SHEET NO. 40 TOTAL 143

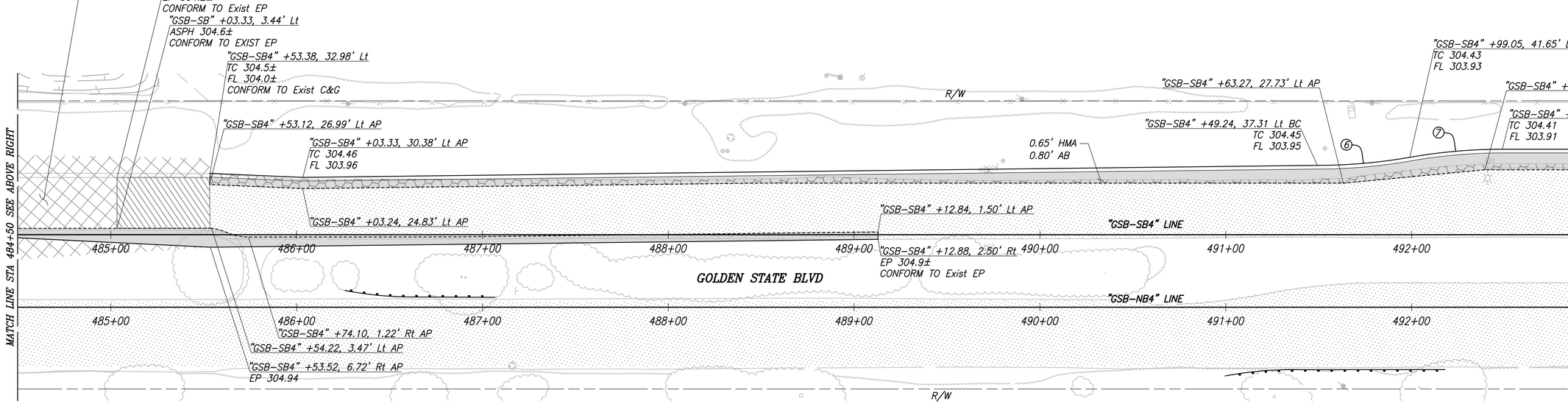
PLOT DATE:8/23/2022 9:48:27 AM CAD USER: DALAMEDA



GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
6	286.91'	9°59'51"	25.10'	50.06'
7	287.43'	9°58'47"	25.10'	50.06'



GOLDEN STATE BLVD

SCALE: 1" = 30'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

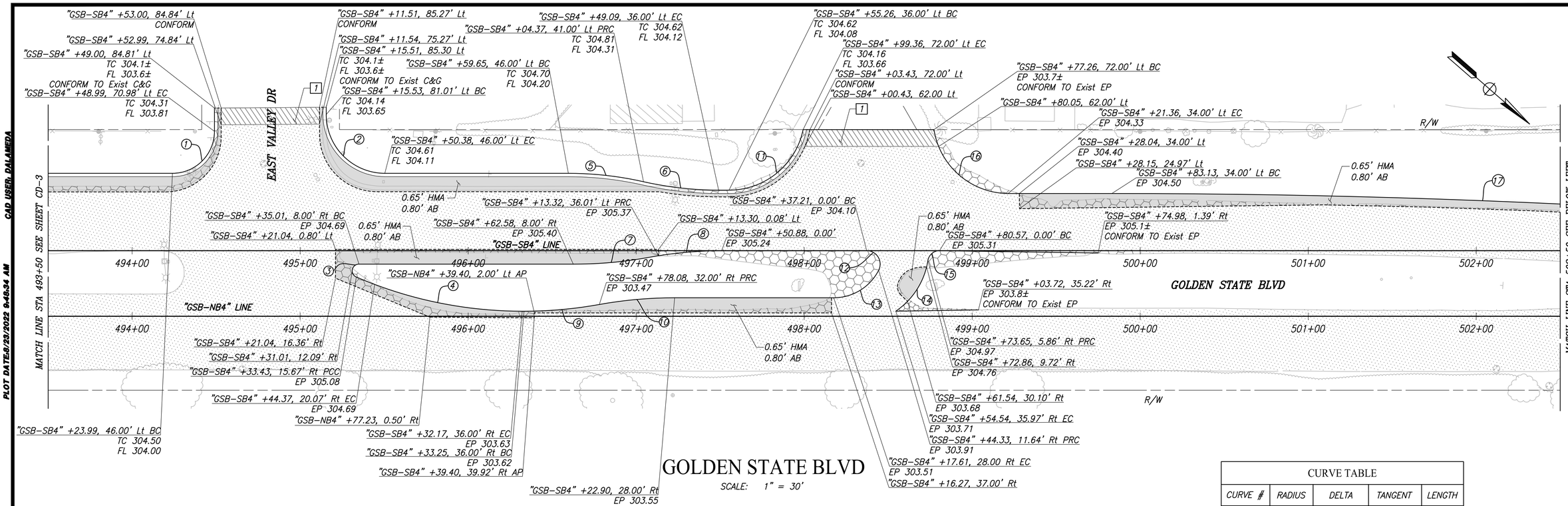
THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-3 SHEET NO. 41 TOTAL 143

PATH:\Fresno COG-FW-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD1-CD6_P1.dwg



GOLDEN STATE BLVD

SCALE: 1" = 30'

GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	25.00'	89°57'38"	24.98'	39.25'
2	35.00'	89°46'01"	34.86'	54.84'
3	250.00'	02°42'04"	5.89'	11.79'
4	250.00'	23°15'48"	51.46'	101.51'
5	202.50'	12°45'31"	22.64'	45.09'
6	202.50'	12°45'31"	22.64'	45.09'
7	245.59'	10°30'47"	22.60'	45.06'
8	245.59'	10°30'47"	22.60'	45.06'
9	253.13'	10°11'58"	22.59'	45.06'
10	253.12'	10°11'58"	22.59'	45.06'
11	45.00'	78°27'47"	36.74'	61.62'
12	8.00'	117°02'08"	13.06'	16.34'
13	30.00'	62°57'52"	18.37'	32.97'
14	44.78'	46°56'00"	19.44'	36.68'
15	7.03'	80°20'59"	05.94'	09.86'
16	45.00'	80°35'33"	38.16'	63.30'
17	5696.00'	04°26'21"	220.76'	441.31'
18	6282.00'	01°52'36"	102.89'	205.77'
19	45.00'	94°50'27"	48.97'	74.49'
20	45.00'	90°43'33"	45.57'	71.26'
21	6282.00'	04°27'41"	244.71'	489.17'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

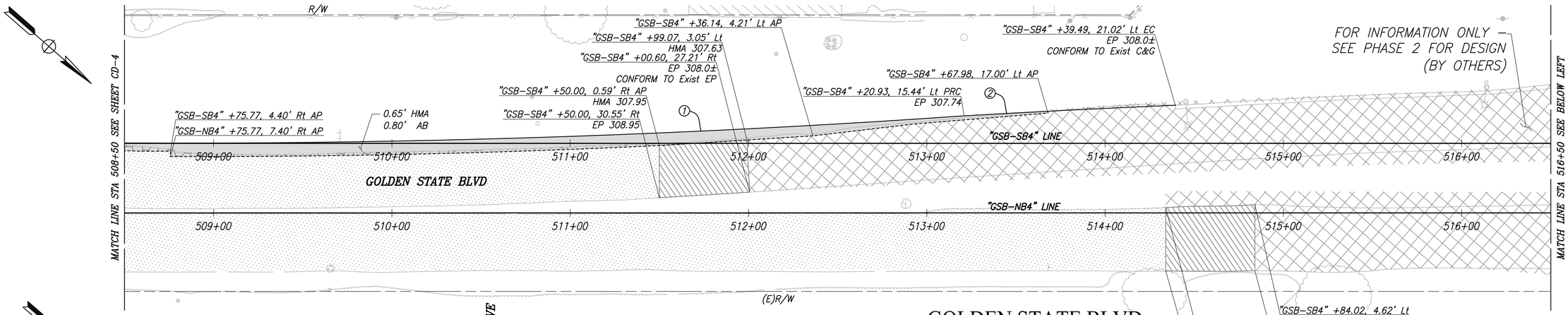
CONSTRUCTION DETAILS

DRAWING NO. CD-4 SHEET NO. 42 TOTAL 143

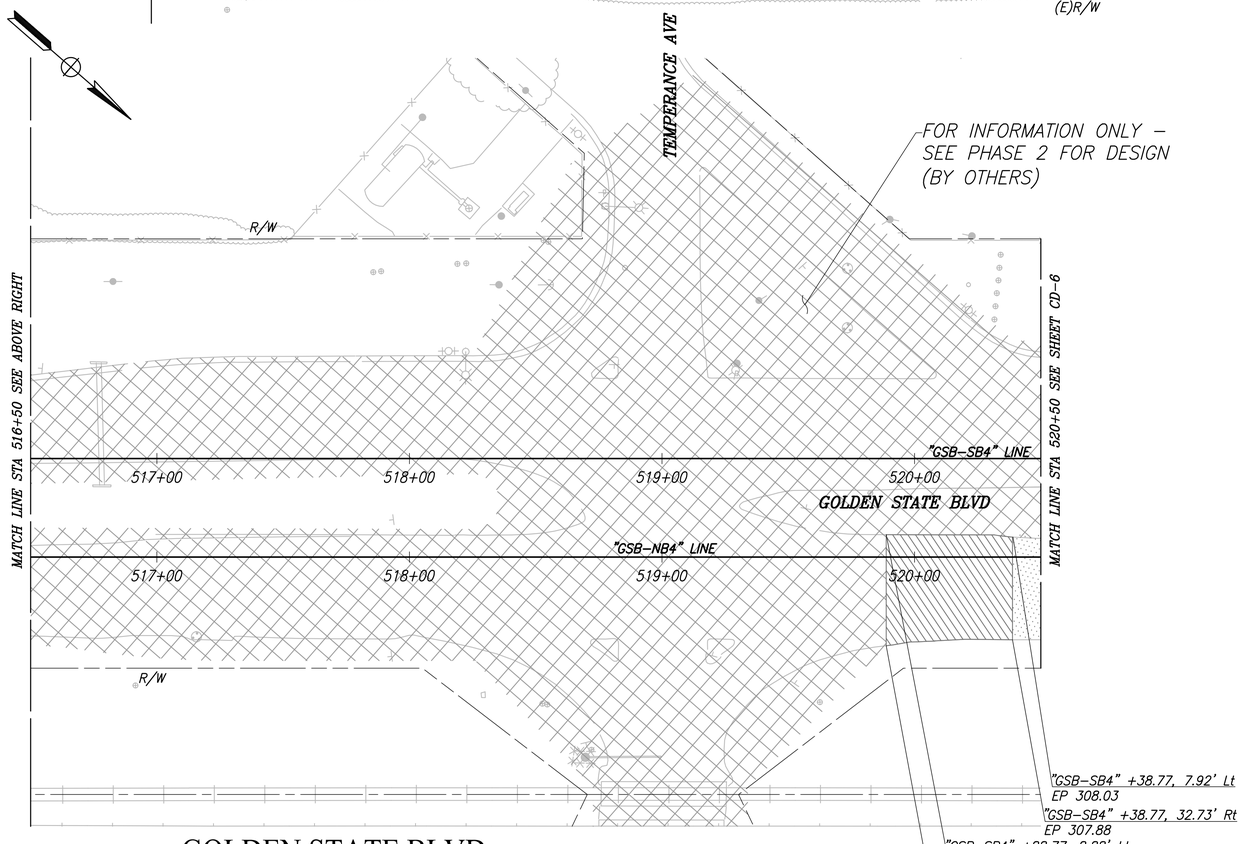
PLOT DATE:8/23/2022 9:48:34 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FM-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD1-CD6_P1.dwg

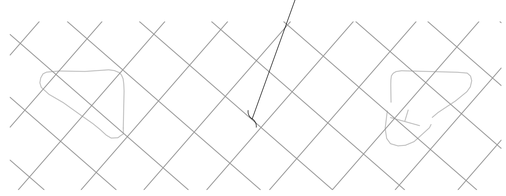
PLOT DATE:8/23/2022 9:48:45 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FIK-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD1-CD6_P1.dwg



GOLDEN STATE BLVD
SCALE: 1" = 30'



GOLDEN STATE BLVD
SCALE: 1" = 30'



CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	6282.00''	04°27'41"	244.71'	789.17'
2	8018.00'	00°50'59"	59.45'	118.89'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-5 SHEET NO. 43 TOTAL 143

PLOT DATE:8/23/2022 9:48:52 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FW-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD1-CD8_P1.dwg

"GSB-SB4" +96.67, 2.35' Lt AP
"GSB-SB4" +96.65, 1.21' Lt
TC 308.5±
EP 307.8±
CONFORM TO Exist MEDIAN CURB

"GSB-SB4" +58.67, 31.31' Lt
EP 307.2±
CONFORM TO Exist EP
"GSB-SB4" +58.67, 2.35' Lt
EP 307.8±
CONFORM TO Exist EP

"GSB-SB4" +71.97, 73.15' Lt
CONFORM
"GSB-SB4" +70.70, 63.15' Lt

"GSB-SB4" +73.36, 73.11' Lt
CONFORM
"GSB-SB4" +24.92, 62.97' Lt

R/W

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

"GSB-SB4" +08.67, 31.42' Lt
EP 307.50
"GSB-SB4" +08.67, 2.35' Lt
EP 308.04
"GSB-SB4" +08.67, 4.00' Rt AP
EP 308.16

1

MATCH LINE STA 520+50 SEE SHEET CD-5

"GSB-SB4" LINE

521+00 522+00 523+00 524+00 525+00 526+00 527+00 528+00 529+00

0.60' HMA
1.35' AB

GOLDEN STATE BLVD

"GSB-NB4" LINE

521+00 522+00 523+00 524+00 525+00 526+00 527+00 528+00 529+00

MATCH LINE STA 529+50 SEE BELOW LEFT

R/W

GOLDEN STATE BLVD

SCALE: 1" = 30'

"GSB-SB4" +72.29, 79.53' Lt
CONFORM
"GSB-SB4" +73.55, 69.52' Lt

"GSB-SB4" +17.11, 80.18' Lt
CONFORM
"GSB-SB4" +15.83, 70.19' Lt

R/W

1

MATCH LINE STA 529+50 SEE ABOVE RIGHT

"GSB-SB4" +14.33, 8.81' Rt AP
EP 309.14

"GSB-SB4" +56.65, 8.35' Rt EC
EP 309.03

"GSB-SB4" +54.08, 9.89' Rt PCR
EP 308.87

"GSB-NB4" +14.82, 30.98' Lt EC
EP 308.93

"GSB-SB4" +14.29, 4.00' Rt AP
EP 308.23

"GSB-SB4" LINE

530+00 531+00 532+00 533+00 534+00 535+00 536+00

GOLDEN STATE BLVD

0.60' HMA
1.35' AB

"GSB-NB4" LINE

530+00 531+00 532+00 533+00 534+00 535+00 536+00

0.55' HMA
1.20' AB

"GSB-NB4" +72.07, 4.00 Lt BC
EP 305.6±
CONFORM TO Exist EP

"GSB-NB4" +72.07, 3.00' Lt

"GSB-NB4" +31.97, 7.50' Lt PRC
EP 305.44

"GSB-NB4" +91.87, 11.00' Lt EC
EP 305.57

"GSB-NB4" +76.86, 11.00' Lt BC
EP 306.58

"GSB-NB4" +16.83, 24.97' Lt PCC
EP 308.56

"GSB-SB4" +33.76, 35.47' Rt BC
EP 307.1±
CONFORM TO Exist EP

"GSB-SB4" +33.76, 36.47' Rt AP

R/W

MATCH LINE STA 536+50 SEE SHEET CD-7

GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	431.33'	07°58'36"	30.07'	60.05'
2	473.36'	07°16'02"	30.06'	60.04'
3	514.52'	06°41'07"	30.05'	60.03'
4	514.51'	06°41'08"	30.05'	60.03'
5	60.00'	41°19'40"	22.63'	43.28'
6	3.50'	129°57'21"	7.50'	3.50'
7	75.00'	25°09'02"	16.73'	32.92'
8	3.00'	59°58'40"	1.73'	3.14'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
EDGAR E. NORIEGA
No. 81555
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

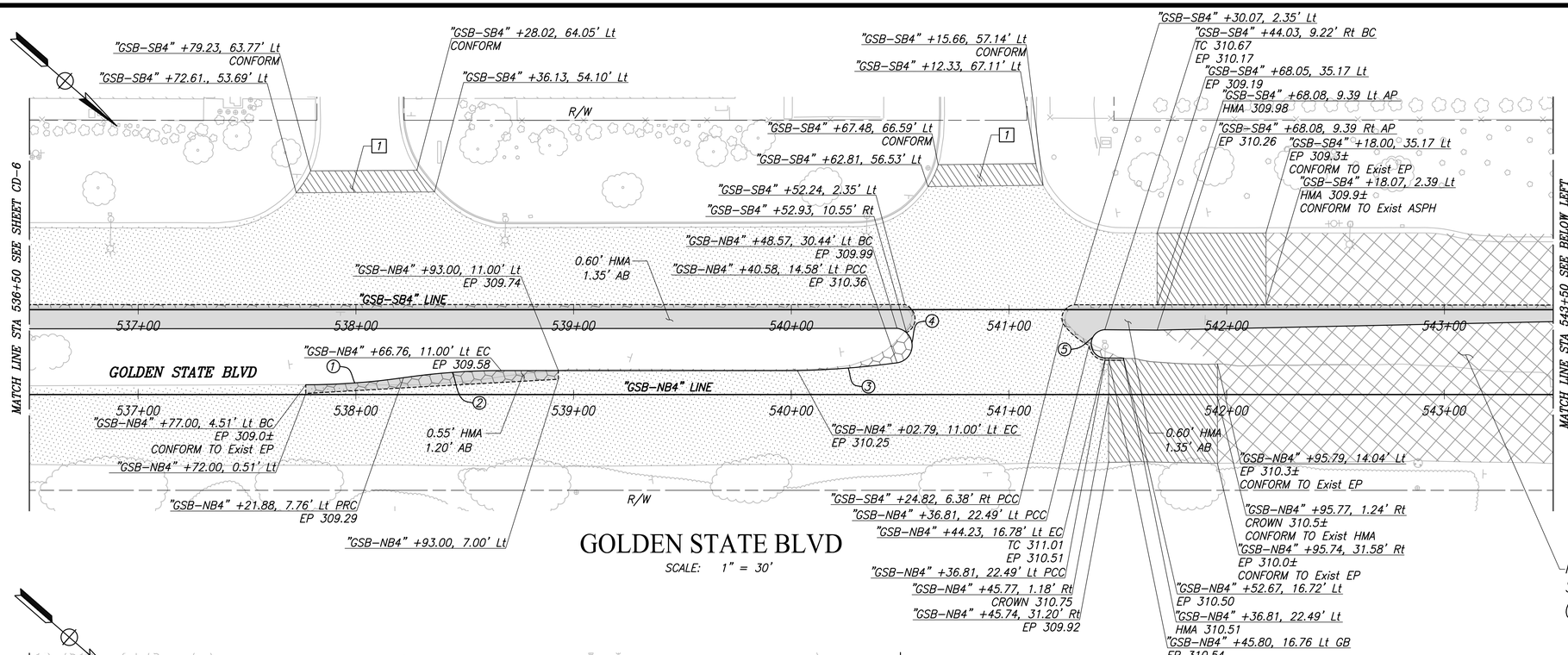
FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

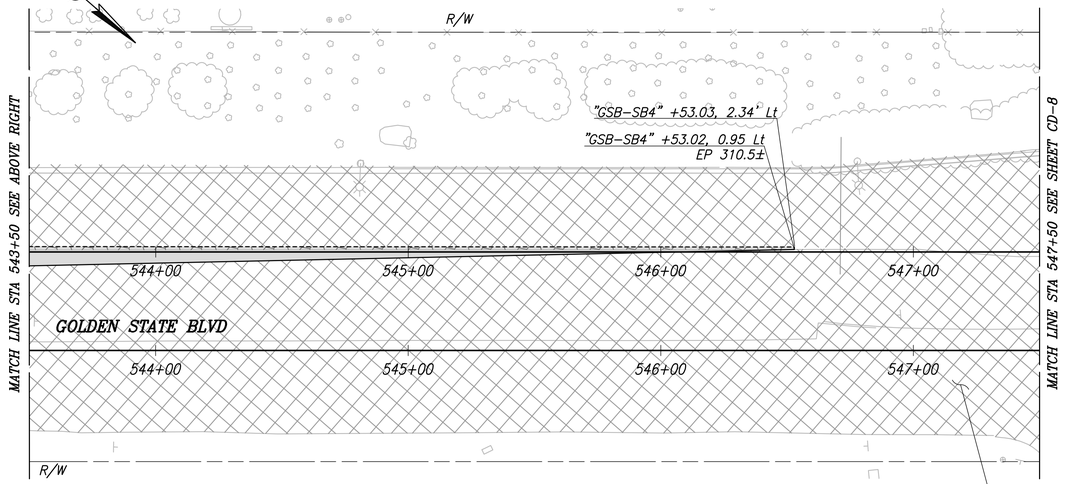
DRAWING NO. CD-6 SHEET NO. 44 TOTAL 143



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'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	311.91'	8°16'24"	22.56'	45.04'
2	312.02'	8°16'14"	22.56'	45.04'
3	400.00'	6°34'57"	23.00'	45.95'
4	8.00'	164°34'44"	59.09'	22.98'
5	6.50'	177°24'21"	287.21'	20.14'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-7 SHEET NO. 45 TOTAL 143

PLOT DATE:8/23/2022 9:49:14 AM CAD USER: DALAMEDA

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PLOT DATE:8/23/2022 9:49:28 AM CAD USER: DALAMEDA
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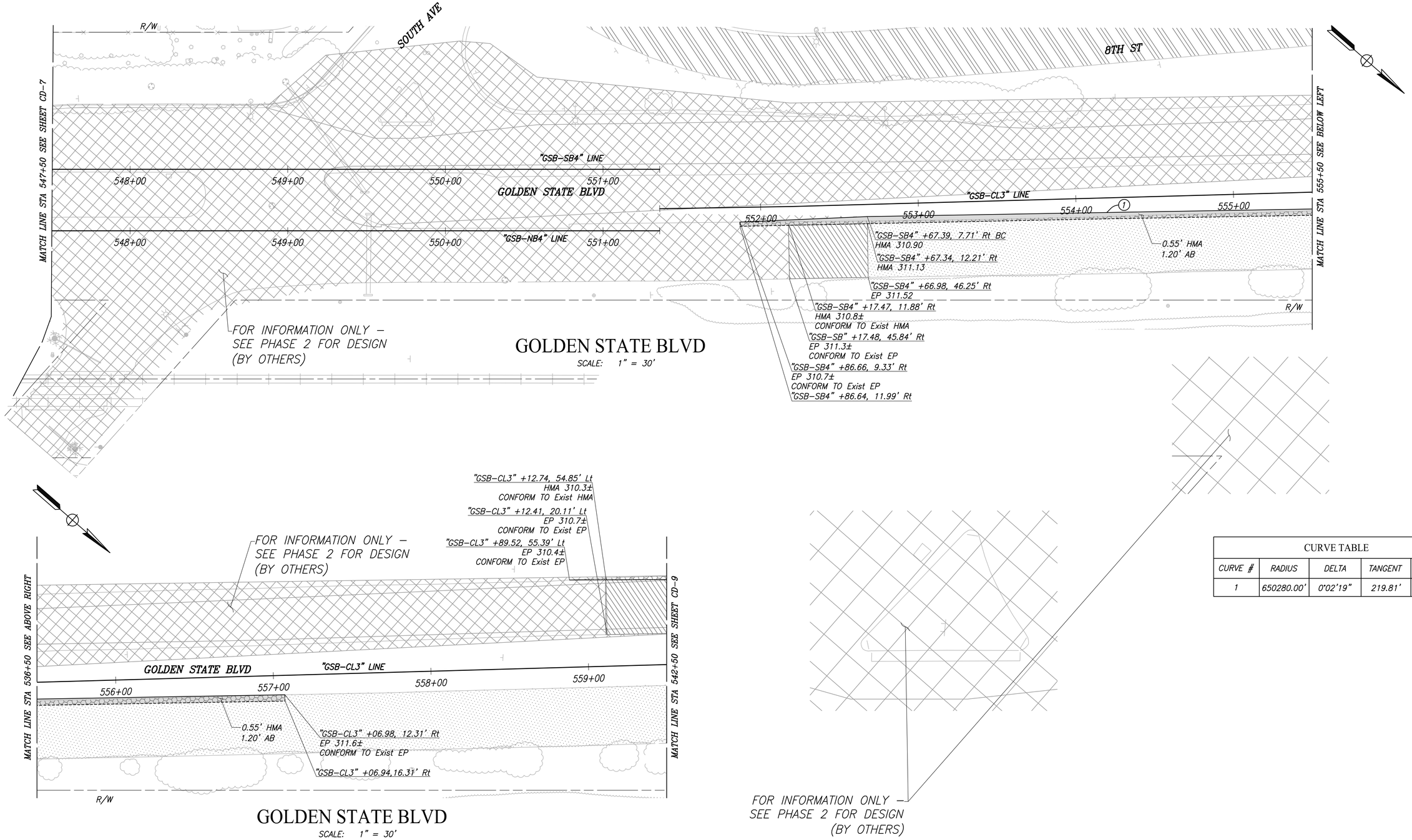


GOLDEN STATE BLVD

SCALE: 1" = 30'

GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	650280.00'	0°02'19"	219.81'	439.63'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

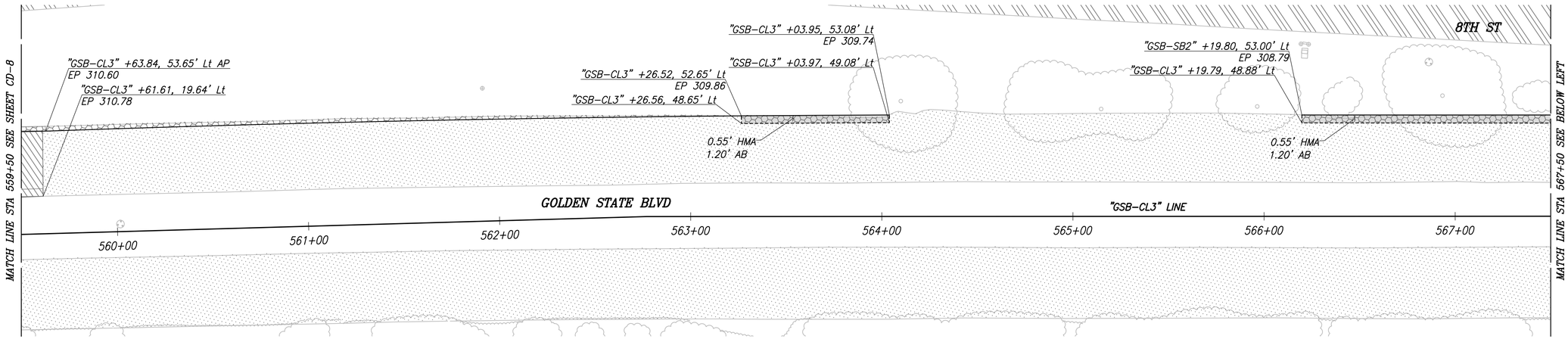
FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

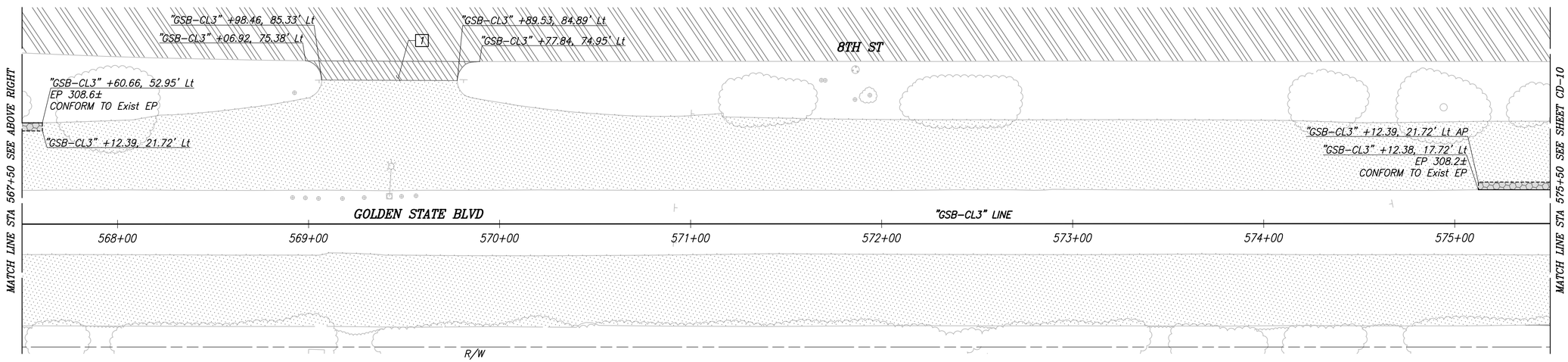
CONSTRUCTION DETAILS

DRAWING NO. CD-8 SHEET NO. 46 TOTAL 143



GOLDEN STATE BLVD

SCALE: 1" = 30'



GOLDEN STATE BLVD

SCALE: 1" = 30'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

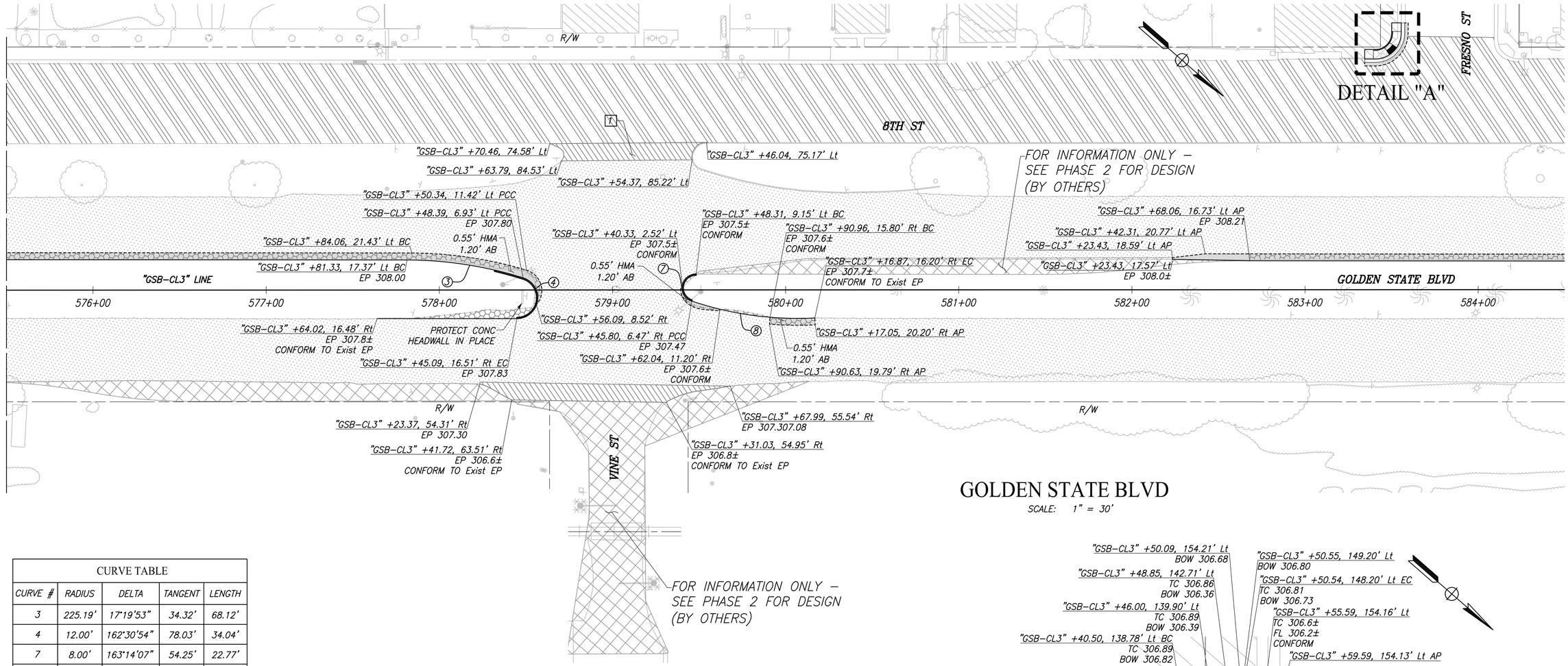
DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-9 SHEET NO. 47 TOTAL 143

PLOT DATE:8/23/2022 9:49:35 AM CAD USER: DALAMEDA

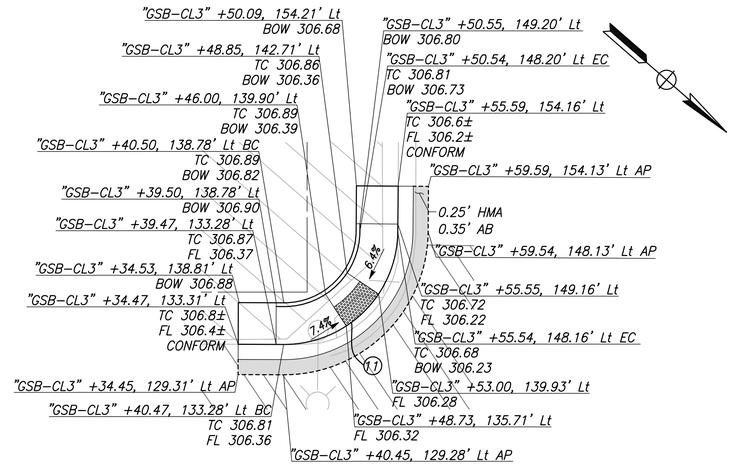
PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD7-CD12_P1.dwg



GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
3	225.19'	17°19'53"	34.32'	68.12'
4	12.00'	162°30'54"	78.03'	34.04'
7	8.00'	163°14'07"	54.25'	22.77'
8	191.53'	21°35'07"	36.51'	72.15'
11	15.00'	89°49'40"	14.95'	23.52'



DETAIL "A"

SCALE: 1" = 10'

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

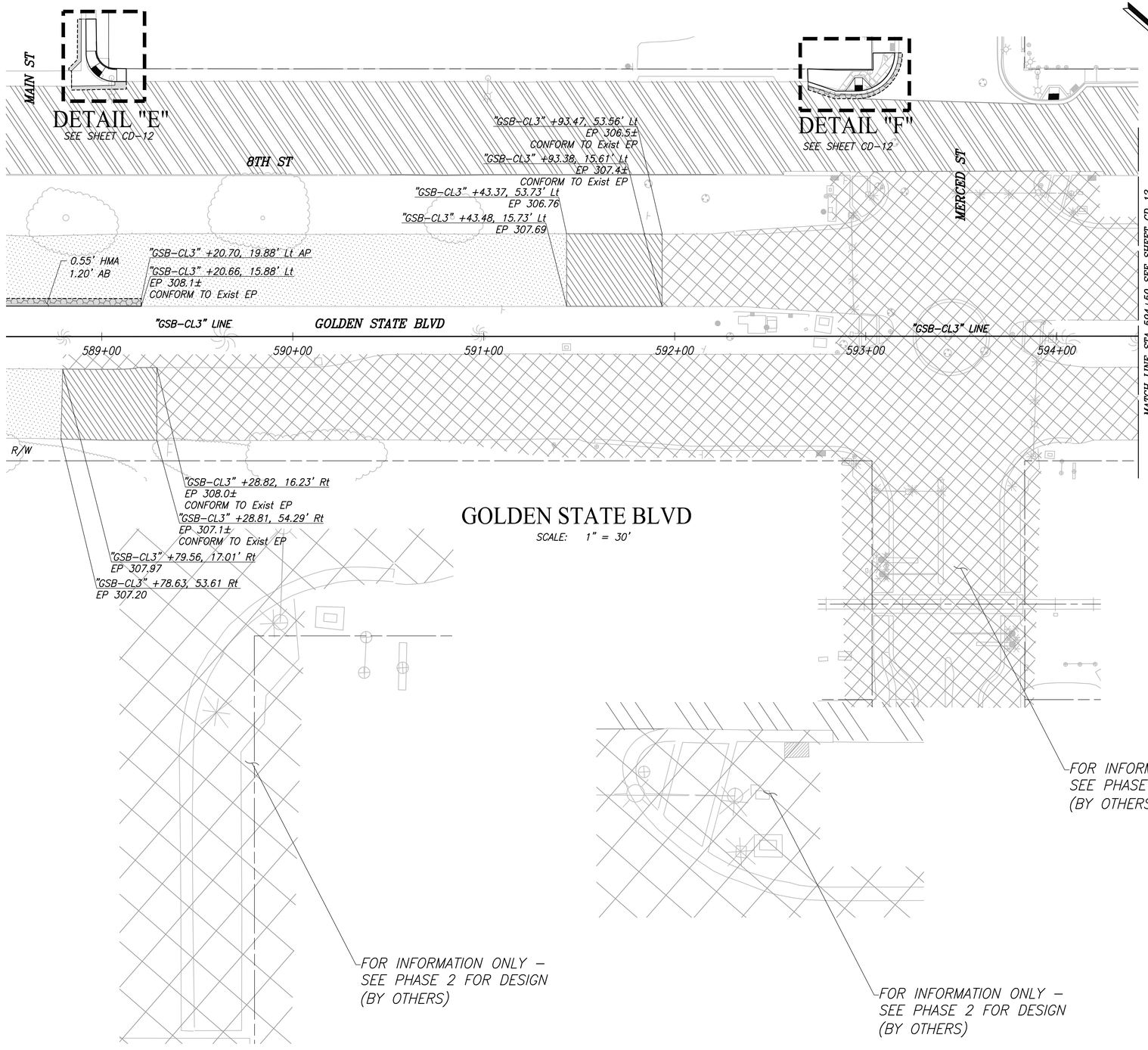
DRAWING NO. CD-10 SHEET NO. 48 TOTAL 143

PLOT DATE=8/23/2022 9:49:43 AM CAD USER: DALAMEDA

PATH=J:\Fresno COG-FW-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD7-CD12_P1.dwg

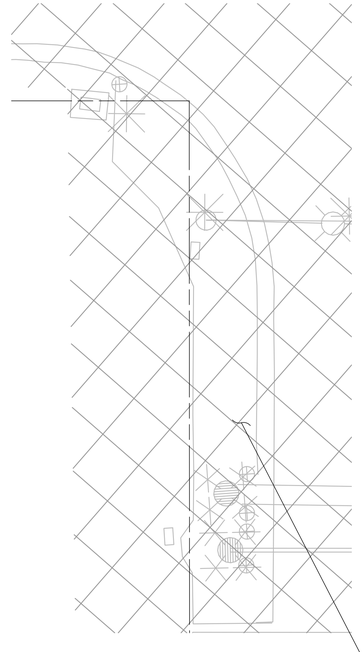
PLOT DATE:8/23/2022 9:50:00 AM CAD USER: DALAMEDA

PATH:\Fresno COG-FW-1910-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD7-CD12_P1.dwg



GOLDEN STATE BLVD

SCALE: 1" = 30'



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

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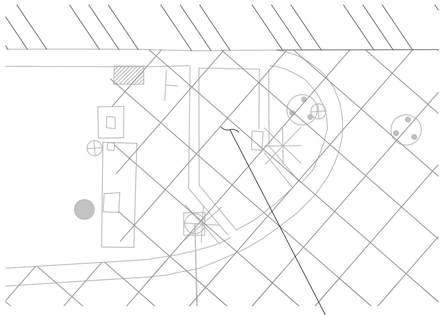


FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

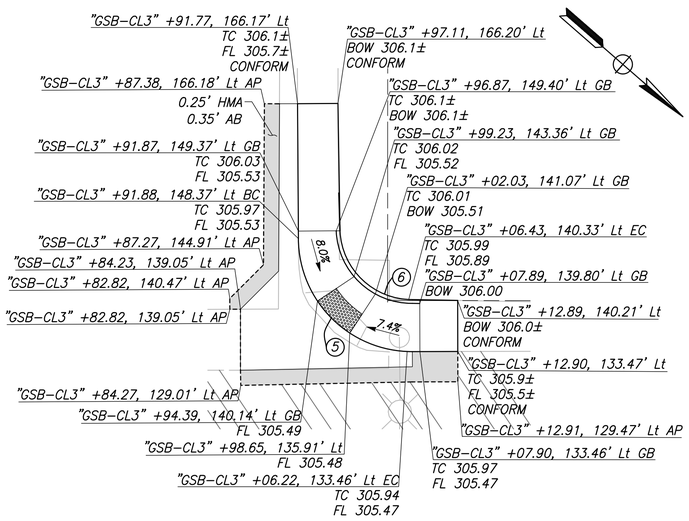
FOWLER REGION

CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

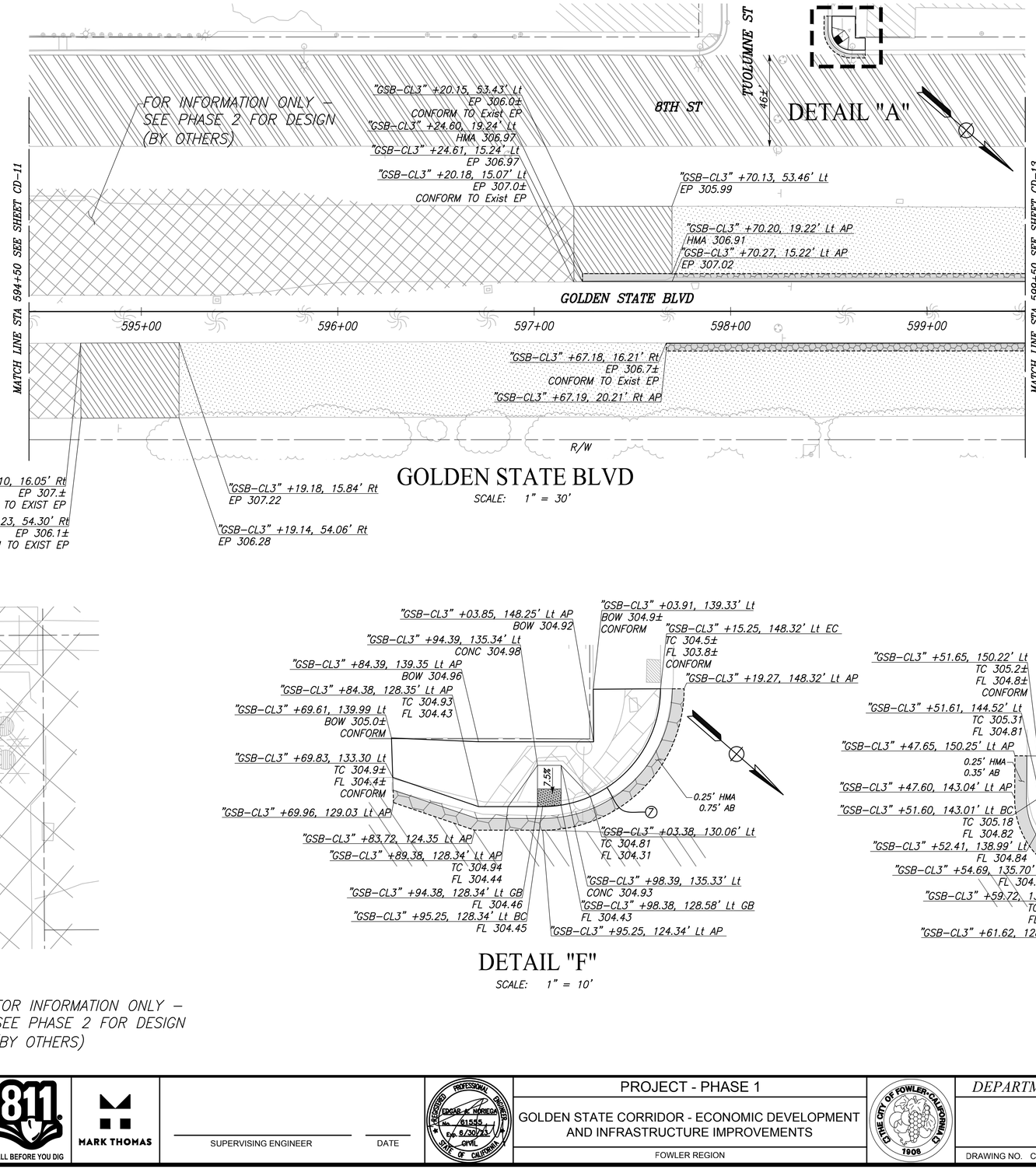
CONSTRUCTION DETAILS

DRAWING NO. CD-11 SHEET NO. 49 TOTAL 143



DETAIL "E"

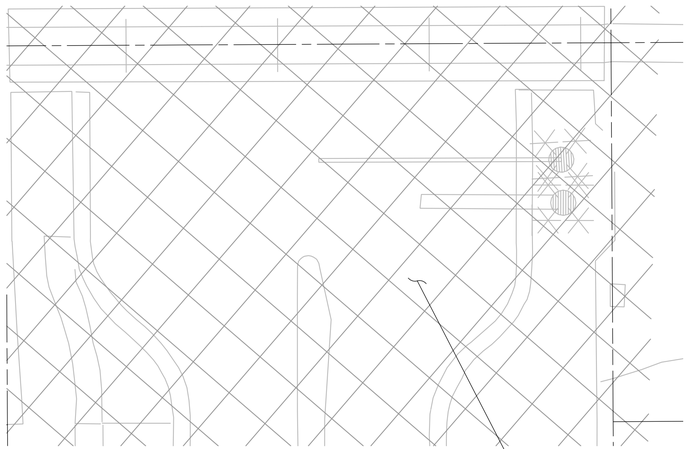
SCALE: 1" = 10'



GOLDEN STATE BLVD

SCALE: 1" = 30'

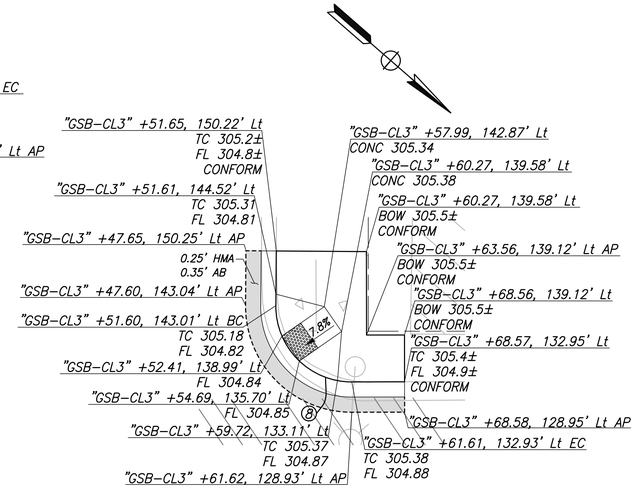
CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
5	15.00'	89°46'22"	14.94'	23.50'
6	14.56'	87°49'08"	9.15'	14.56'
7	20.00'	90°00'47"	20.00'	31.42'
8	10.00'	90°31'10"	10.09'	15.80'



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

DETAIL "F"

SCALE: 1" = 10'



DETAIL "A"

SCALE: 1" = 10'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR K. NORIEGA — No. 81555 — EXP. 9/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA — 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

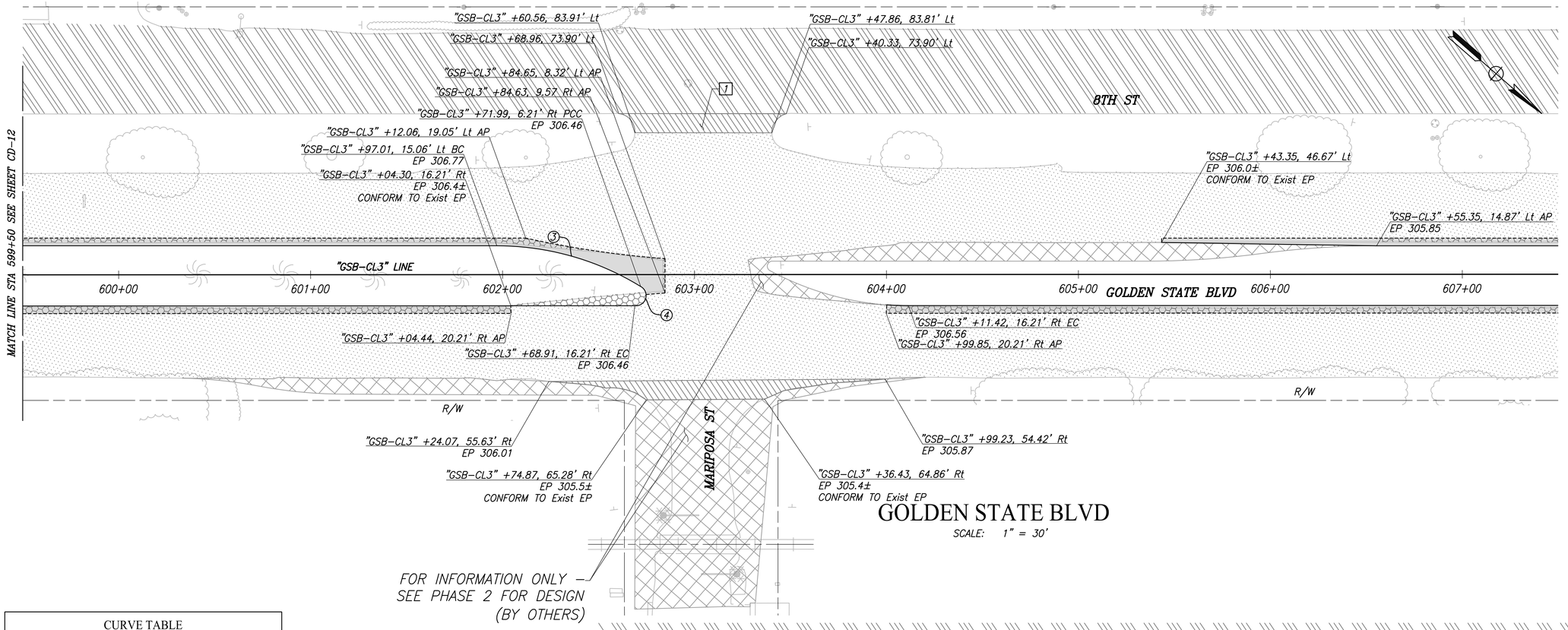
DRAWING NO. CD-12 SHEET NO. 50 TOTAL 143

PLOT DATE:8/23/2022 9:50:17 AM

CAD USER: DALAMEDA

PATH:J:\Fresno COG-FIN-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD7-CD12_P1.dwg

PLOT DATE:8/23/2022 9:50:25 AM CAD USER: DALAMEDA

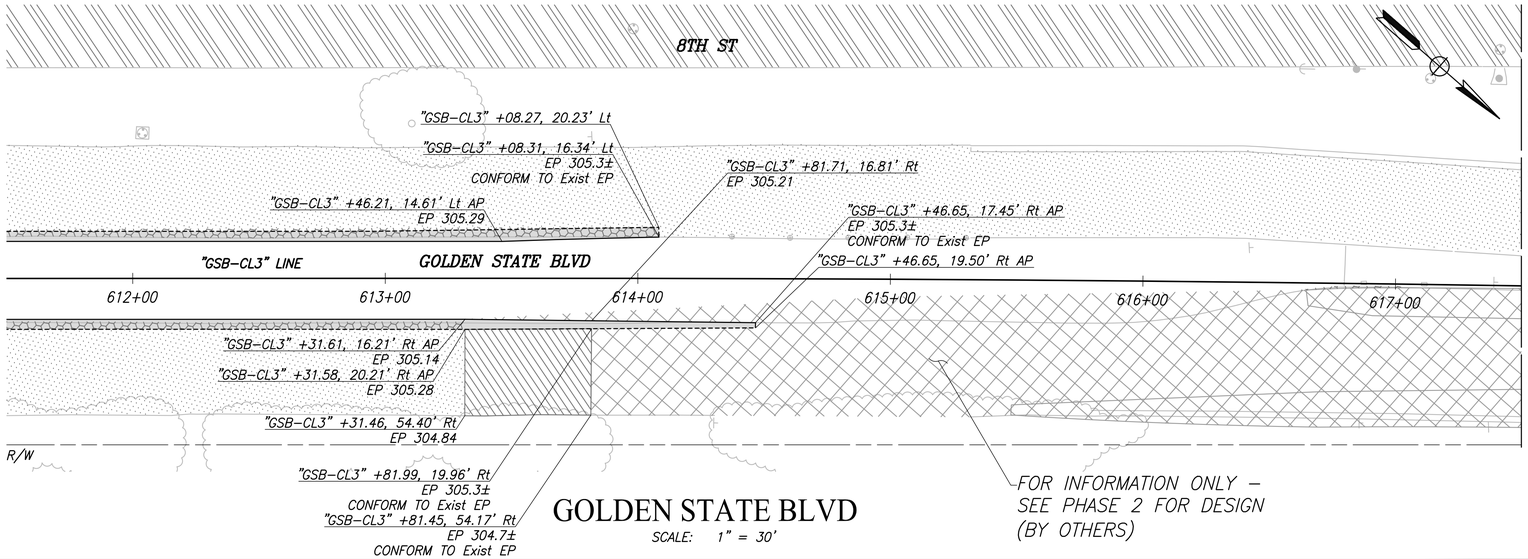


GOLDEN STATE BLVD

SCALE: 1" = 30'

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

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'



GOLDEN STATE BLVD

SCALE: 1" = 30'

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

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER OSCAR A. NORIEGA No. 81555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

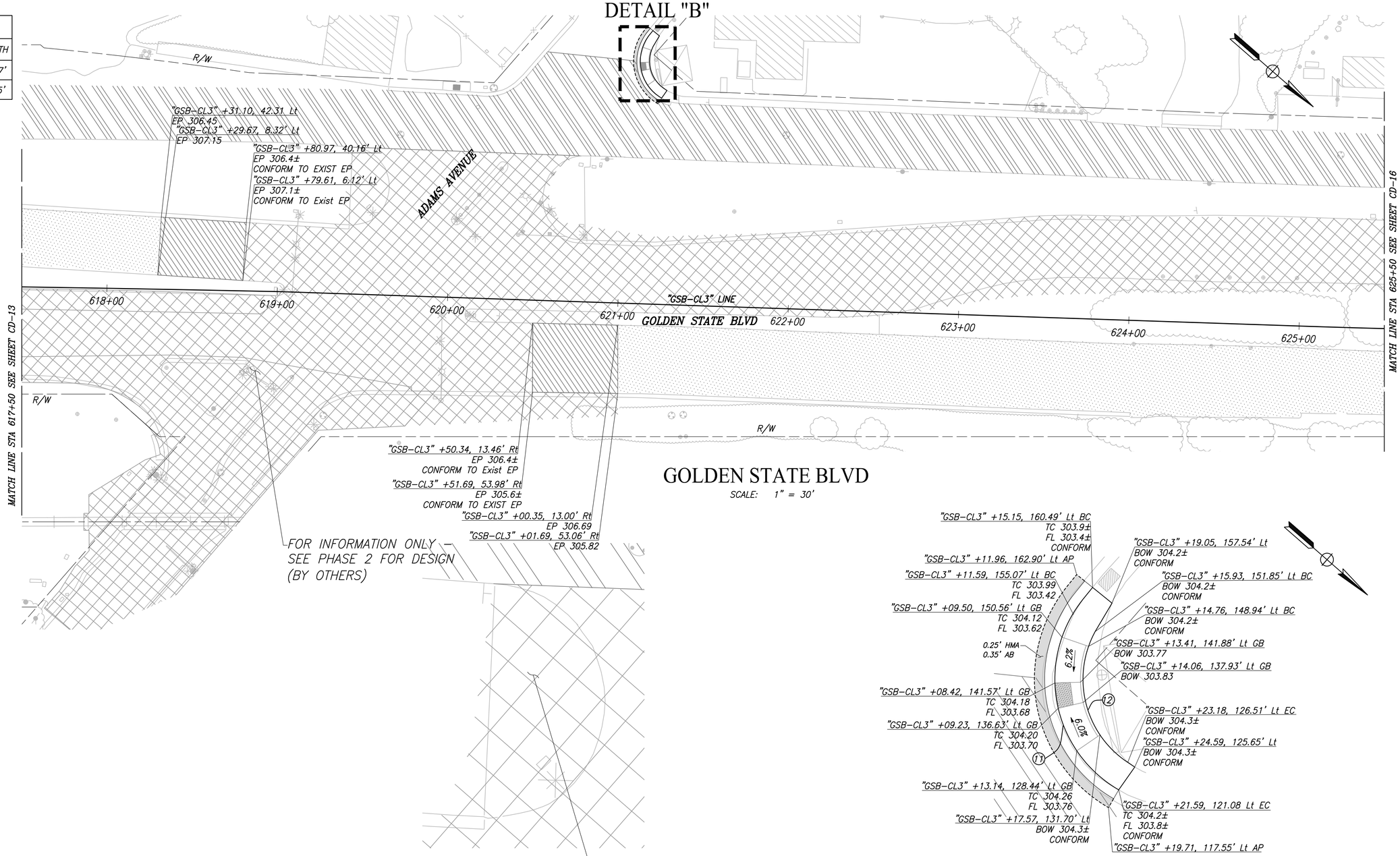
DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-13 SHEET NO. 51 TOTAL 143

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD7-CD12_P1.dwg

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
11	25.00'	98°42'40"	29.12'	43.07'
12	19.50'	85°03'21"	17.89'	28.95'



PLOT DATE:8/23/2022 9:50:50 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD13-CD16_P1.dwg

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

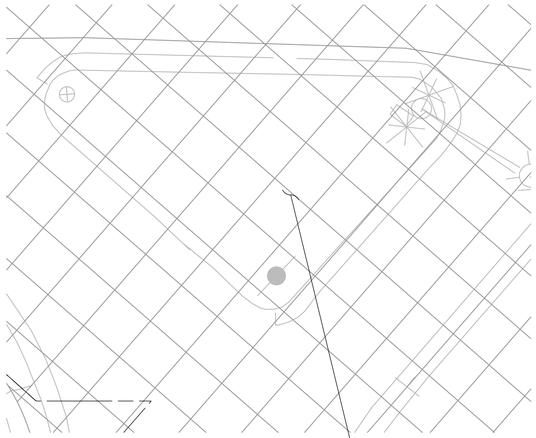
FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

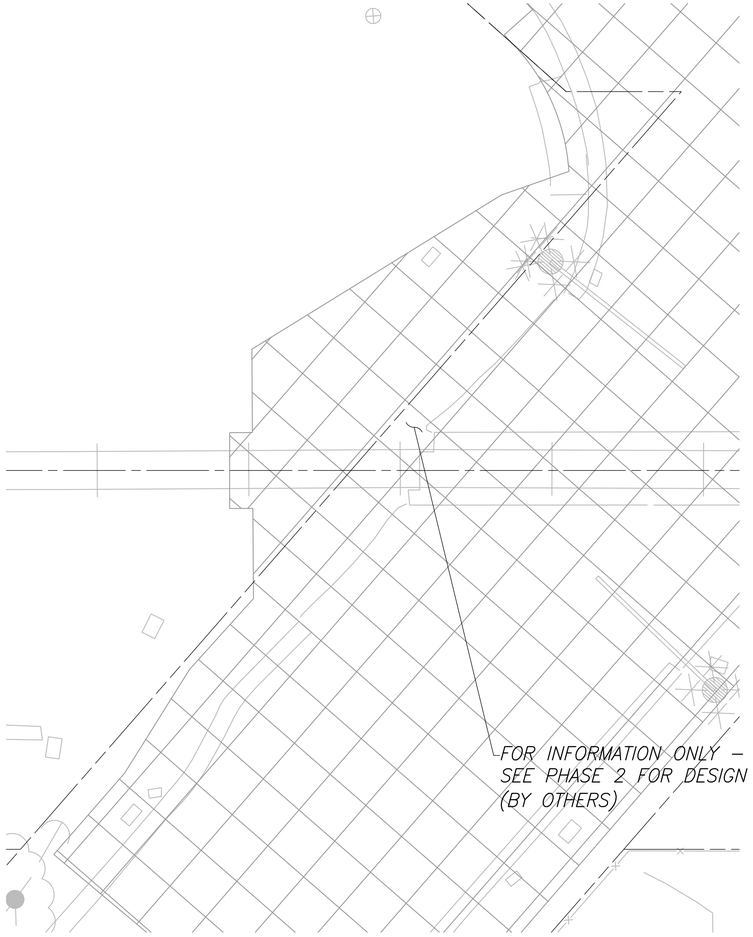
DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-14 SHEET NO. 52 TOTAL 143



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



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

PLOT DATE:8/23/2022 9:50:58 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FIK-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD13-CD18_P1.dwg

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
EDGAR A. NORIEGA
No. 81555
Exp. 9/30/22
CIVIL
STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

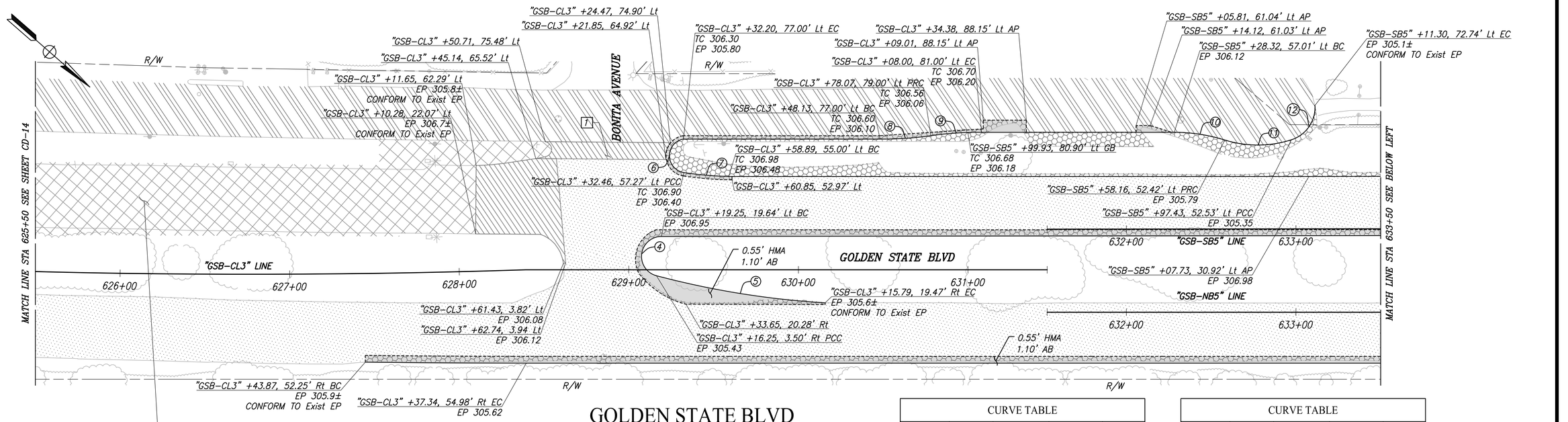
FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-15 SHEET NO. 53 TOTAL 143

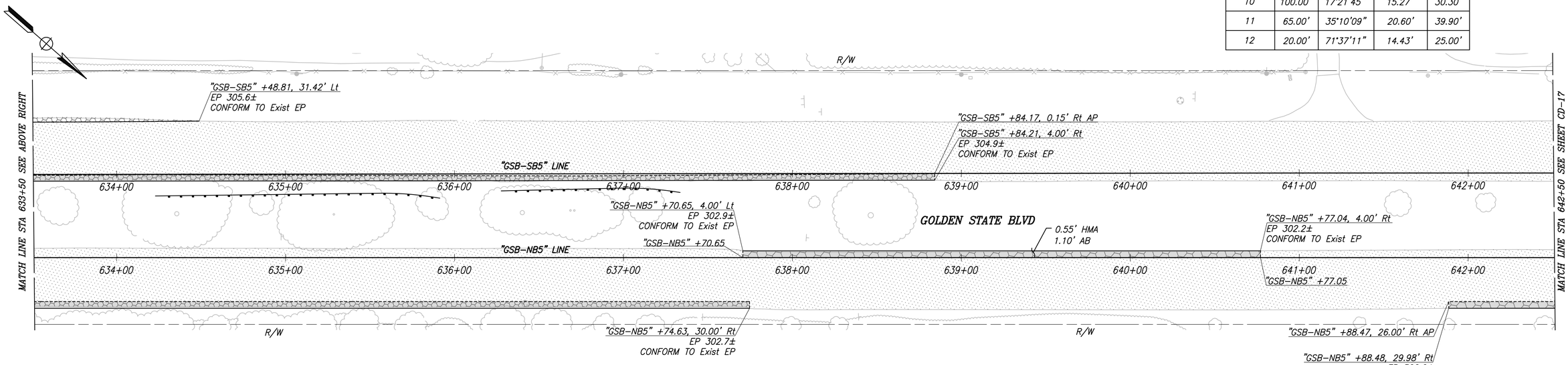


GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
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'

CURVE TABLE				
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'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR R. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-16 SHEET NO. 54 TOTAL 143

PLOT DATE:8/23/2022 9:51:05 AM CAD USER: DALAMEDA

P:\Thk\Fresno COG-FH-1610S-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD13-CD18_P1.dwg

PLOT DATE:8/23/2022 9:51:12 AM CAD USER: DALAMEDA
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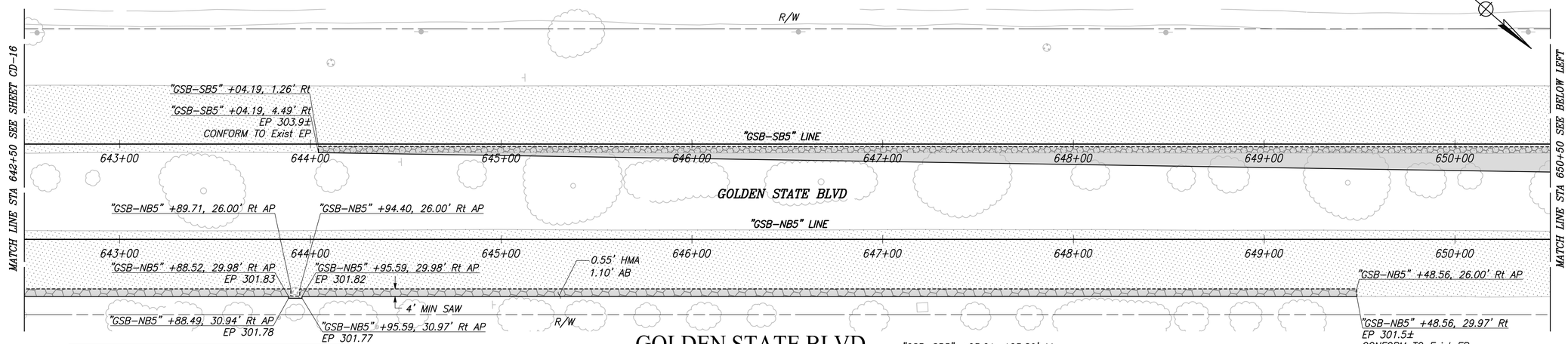
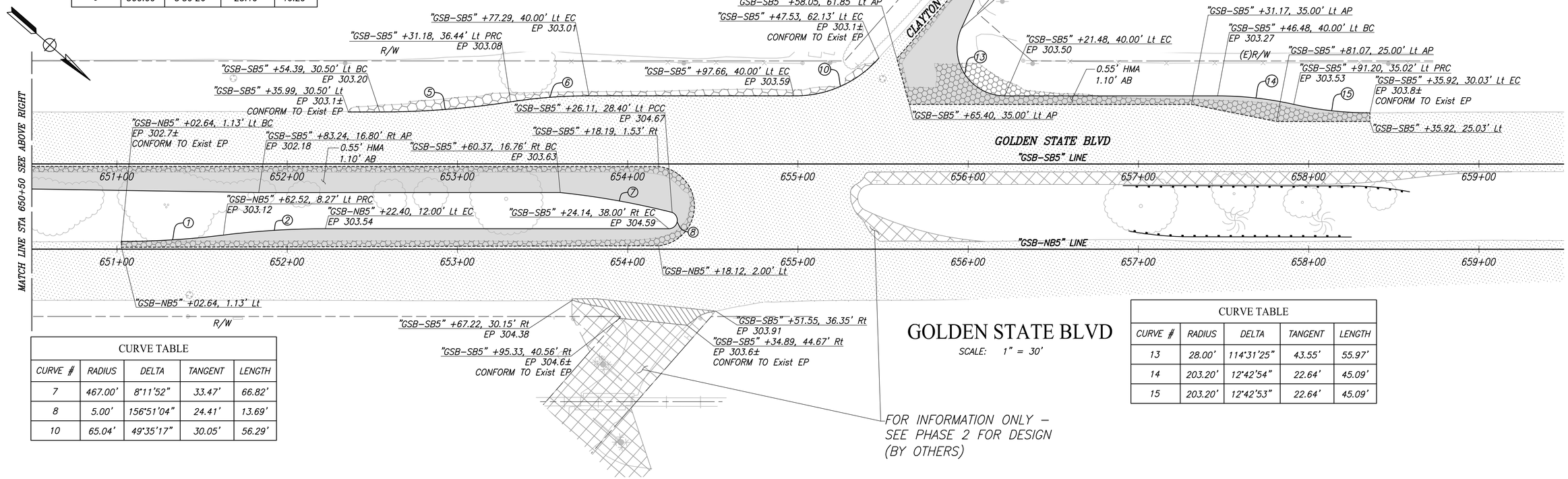


GOLDEN STATE BLVD

SCALE: 1" = 30'

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'



GOLDEN STATE BLVD

SCALE: 1" = 30'

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'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

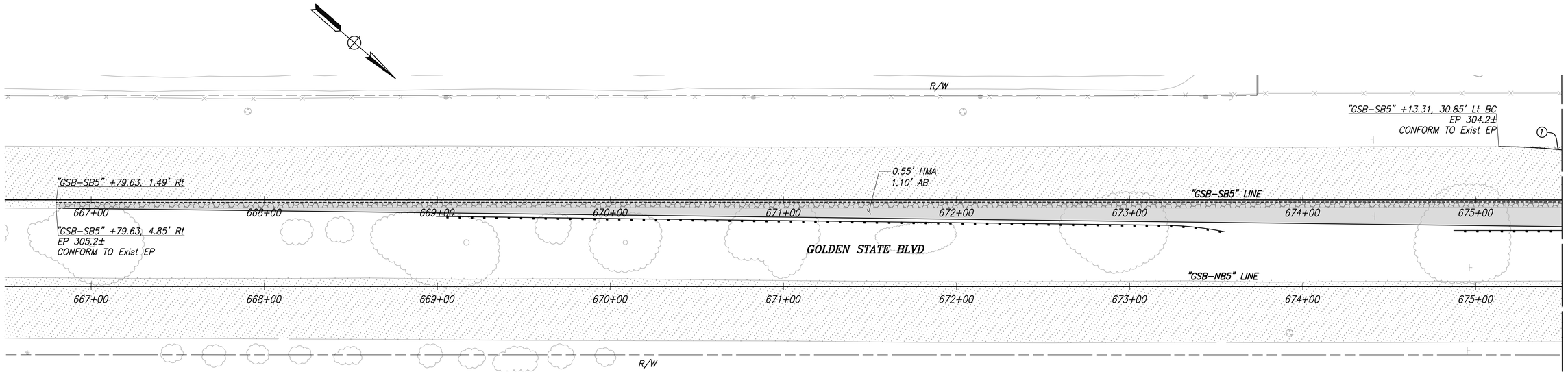
THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

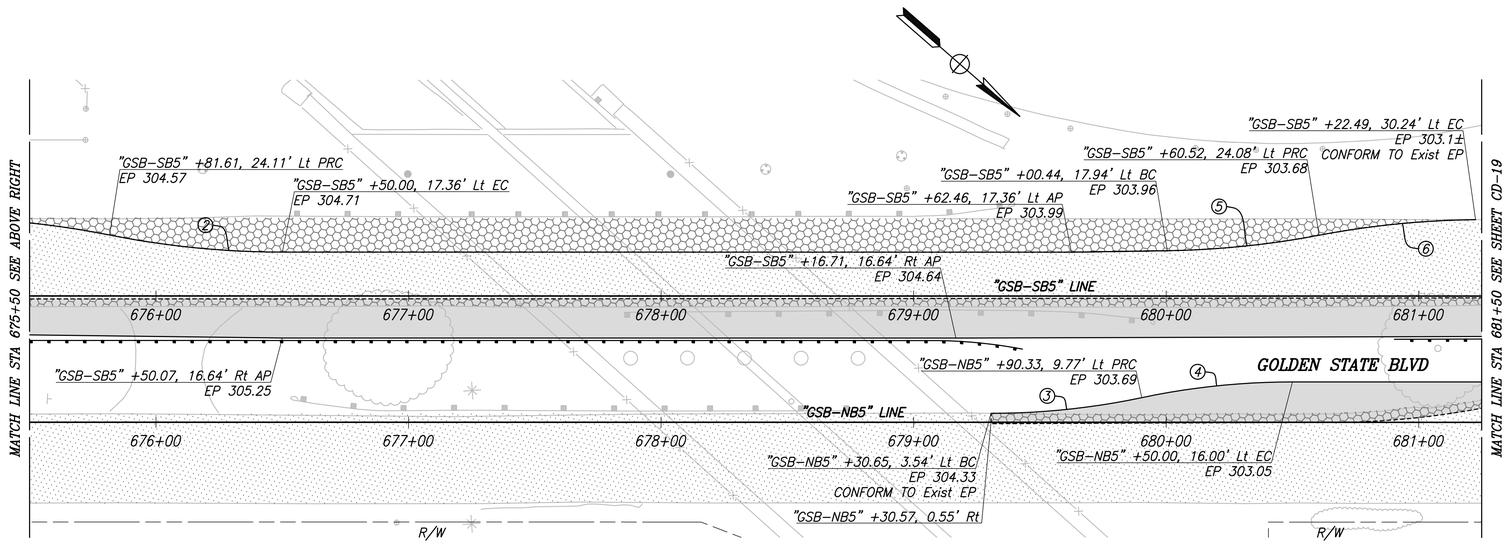
DRAWING NO. CD-17 SHEET NO. 55 TOTAL 143

PLOT DATE:8/23/2022 9:51:19 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FH-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD13-CD19_P1.dwg



GOLDEN STATE BLVD

SCALE: 1" = 30'



GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	350.00'	11°15'15"	68.75'	34.48'
2	350.00'	11°16'03"	68.83'	34.53'
3	288.81'	11°55'29"	60.11'	30.16'
4	288.92'	11°55'12"	60.11'	30.16'
5	350.00'	9°53'50"	60.46'	30.30'
6	350.00'	10°12'31"	62.36'	31.26'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

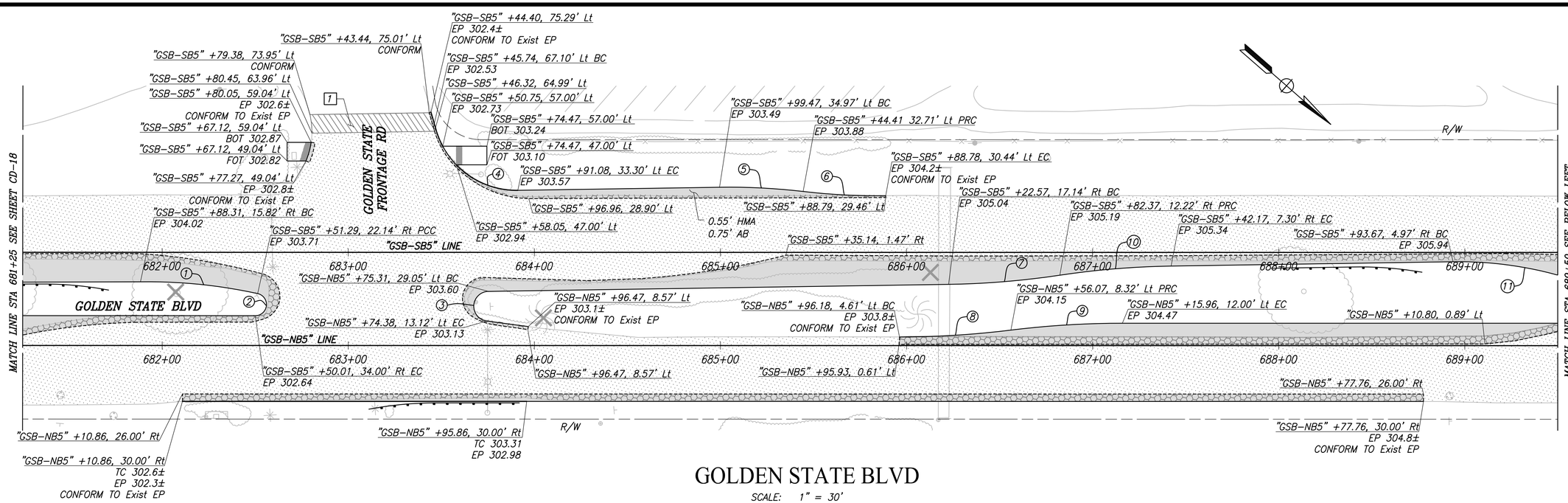
FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

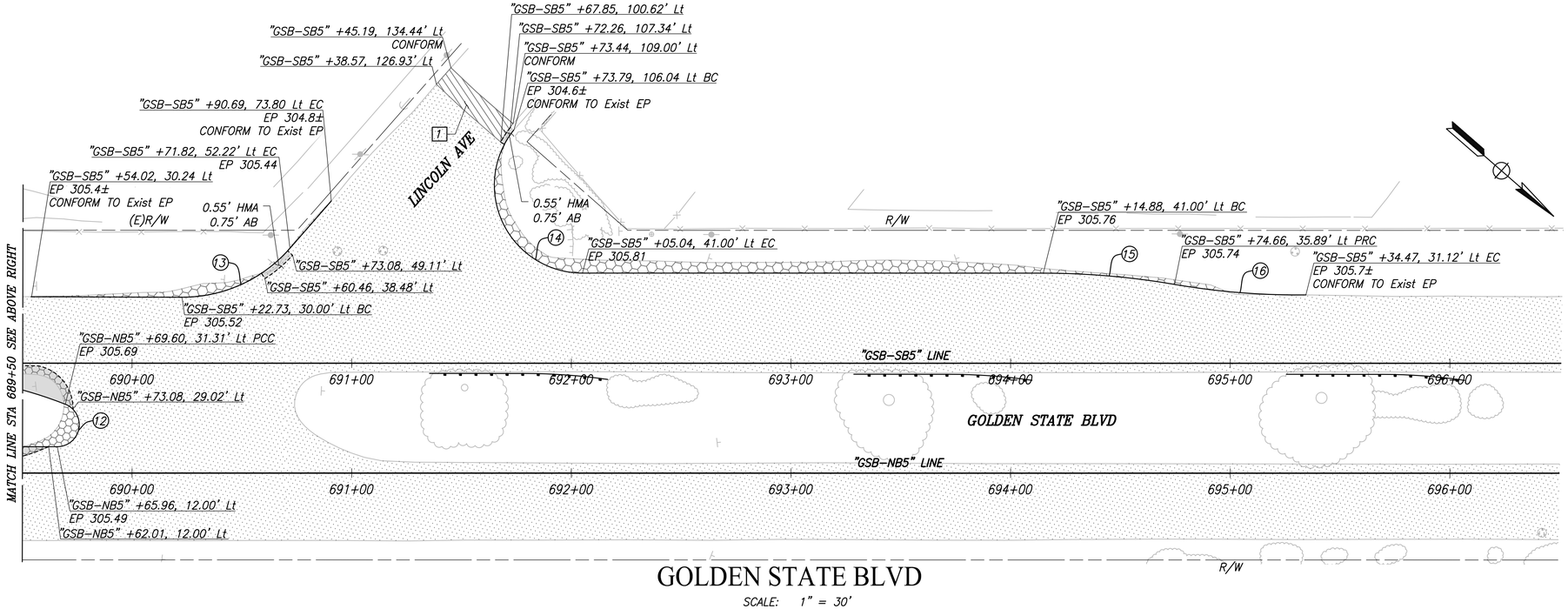
CONSTRUCTION DETAILS

DRAWING NO. CD-18 SHEET NO. 56 TOTAL 143



GOLDEN STATE BLVD

SCALE: 1" = 30'



GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	275.00'	13°13'03"	31.86'	63.44'
2	6.00'	167°39'50"	55.52'	17.56'
3	8.00'	171°34'51"	108.69'	23.96'
4	45.00'	74°39'44"	34.32'	58.64'
5	342.99'	7°31'21"	22.55'	45.03'
6	343.09'	7°25'26"	22.26'	44.46'
7	450.00'	7°38'42"	30.07'	60.04'
8	490.86'	7°00'28"	30.06'	60.04'
9	488.47'	7°02'32"	30.06'	60.04'
10	450.00'	7°38'42"	30.07'	60.04'
11	200.00'	22°14'37"	39.32'	77.65'
12	10.00'	158°38'16"	53.02'	27.69'
13	65.00'	33°48'43"	19.76'	38.36'
14	40.00'	128°50'47"	83.57'	89.95'
15	352.38'	9°46'04"	30.11'	60.07'
16	330.85'	10°24'18"	30.12'	60.08'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-19 SHEET NO. 57 TOTAL 143

PLOT DATE=8/23/2022 9:51:27 AM CAD USER: DALAMEDA

PATH=I:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD13-CD19_P1.dwg

PLOT DATE:8/23/2022 9:51:57 AM CAD USER: DALAMEDA
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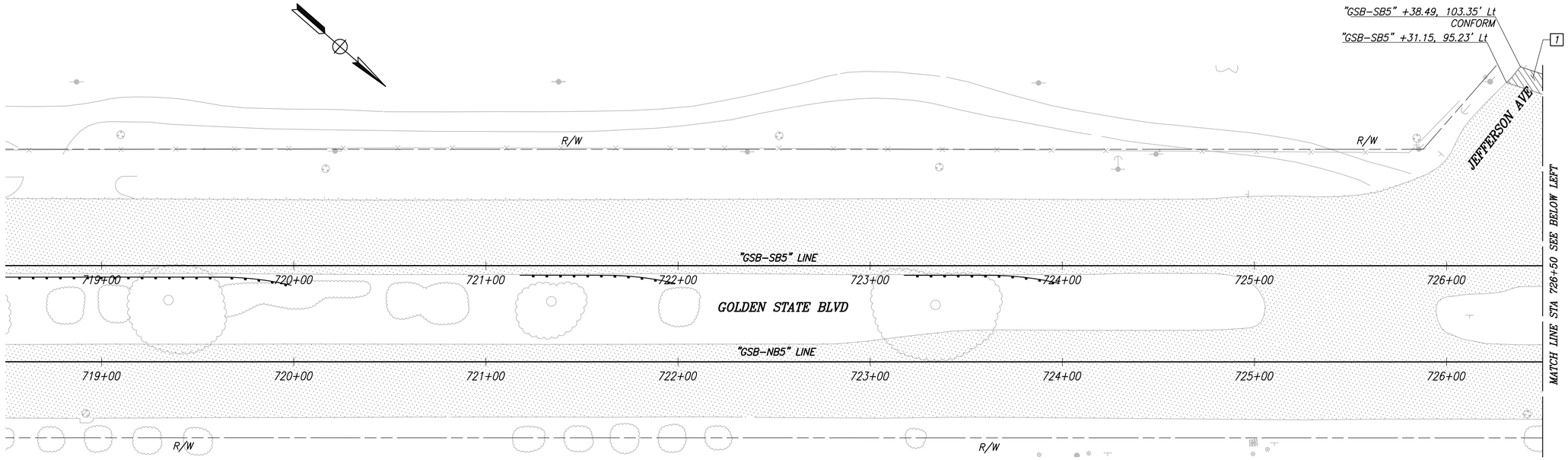
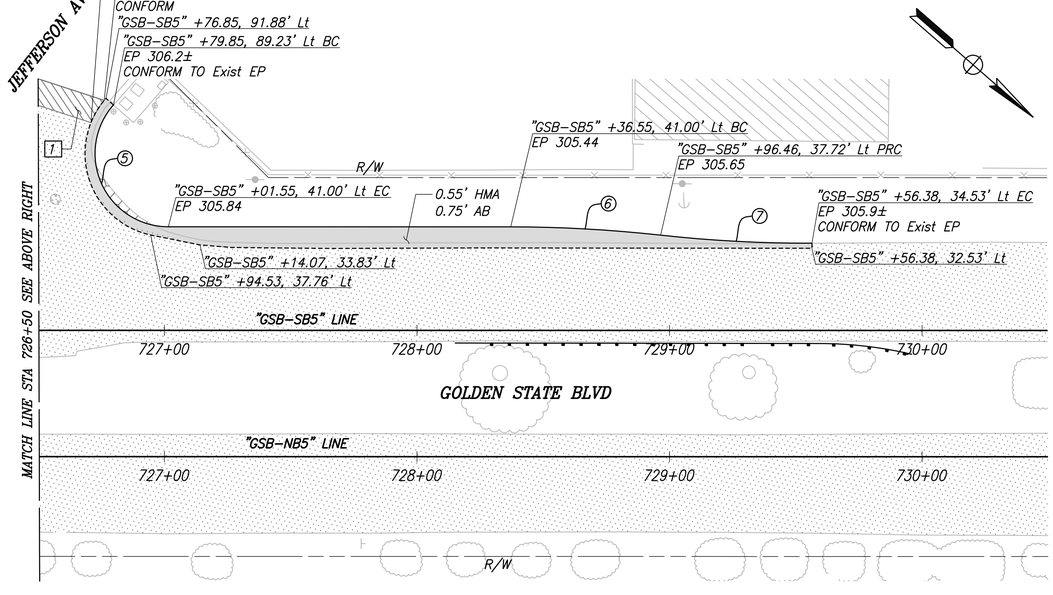


GOLDEN STATE BLVD

SCALE: 1" = 30'



GOLDEN STATE BLVD

SCALE: 1" = 30'

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
1	25.00'	90°06'10"	25.04'	39.31'
2	25.00'	89°55'33"	24.07'	39.24'
3	25.00'	89°41'37"	24.87'	39.14'
4	25.00'	87°29'05"	23.93'	38.17'
5	29.00'	131°31'58"	64.43'	66.57'
6	548.62'	6°16'10"	30.04'	60.03'
7	534.00'	6°26'28"	30.05'	60.03'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

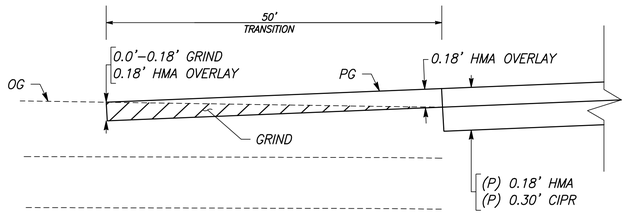
THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

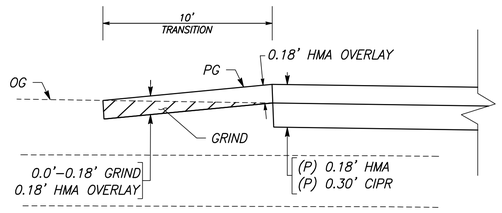
DRAWING NO. CD-20 SHEET NO. 58 TOTAL 143

PLOT DATE:8/23/2022 10:08:53 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD19-CD24_P1.dwg



PAVEMENT TRANSITION DETAIL

NTS



INTERSECTION PAVEMENT TRANSITION CONFORM DETAIL

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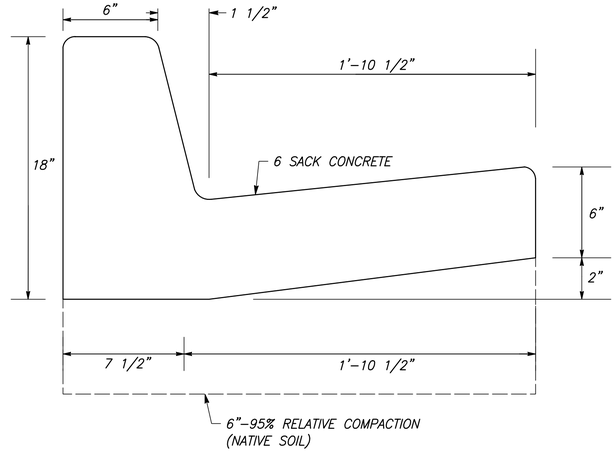
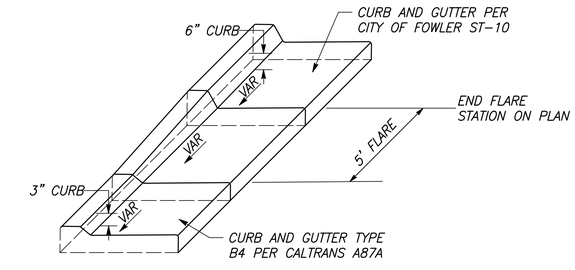


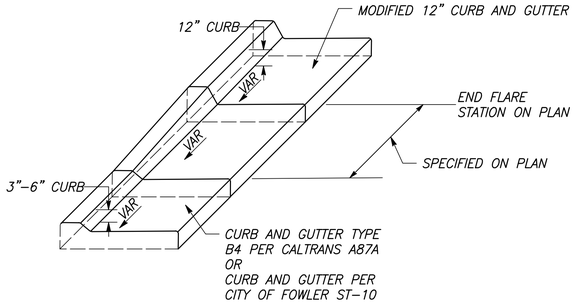
MODIFIED 12" CURB AND GUTTER

NTS



3" CURB TRANSITION DETAIL

NTS



12" CURB TRANSITION DETAIL

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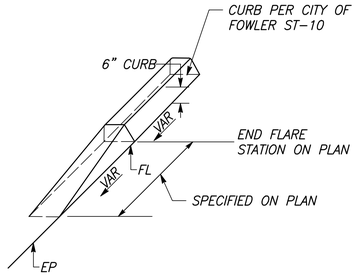
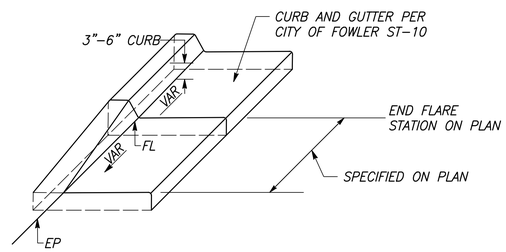


MEDIAN CURB TRANSITION TO EDGE OF PAVEMENT

NTS



CURB AND GUTTER TRANSITION TO EDGE OF PAVEMENT

NTS

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER-CALIFORNIA 1909

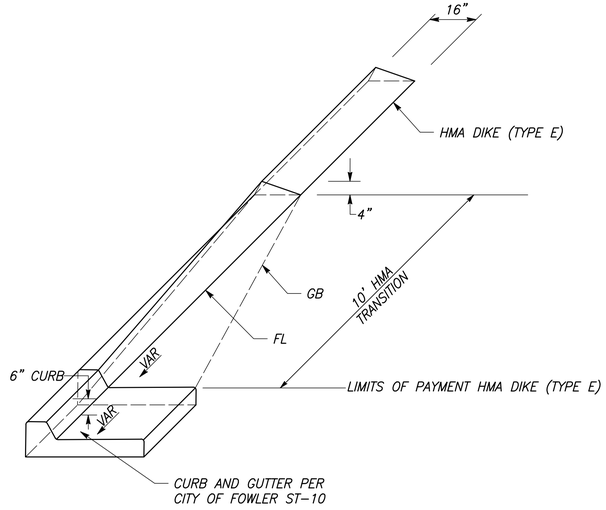
DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-21 SHEET NO. 59 TOTAL 143

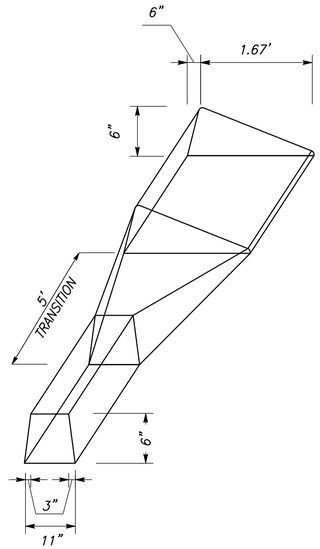
CONSTRUCTION NOTES (THIS SHEET ONLY)

1. INSTALL TYPE SRT–350 AFTS.
2. INSTALL MGS PER CALTRANS STANDARD PLAN A77R3 TYPE 16B LAYOUT WITH WOOD POST PER CALTRANS STANDARD PLAN A77L1.
3. INSTALL TYPE SFT EAA.



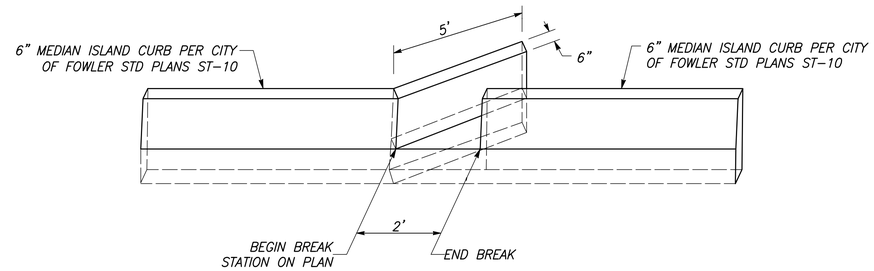
HMA DIKE TO CURB AND GUTTER TRANSITION

NTS



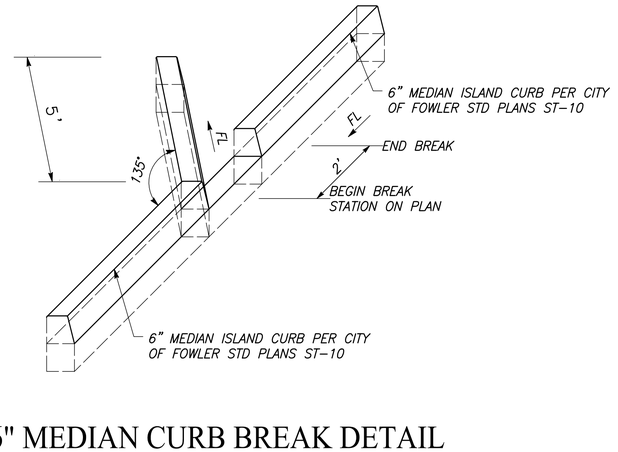
HMA DIKE (TYPE A) AND HMA DIKE (TYPE D) TRASNITION

NTS



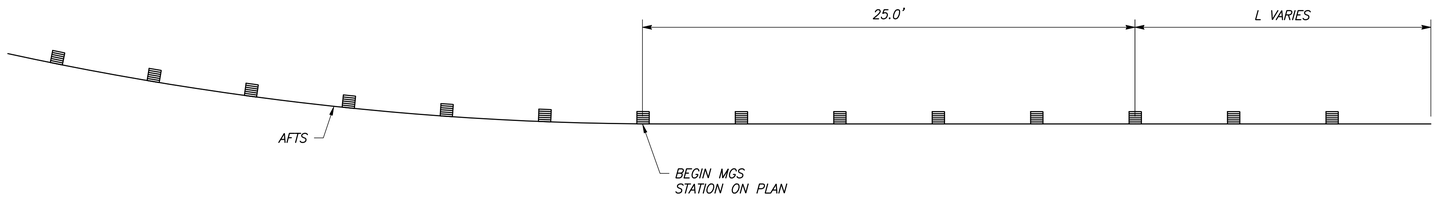
SIDE VIEW

NTS



6" MEDIAN CURB BREAK DETAIL

NTS



(DIRECTION OF TRAFFIC)

MIDWEST GUARDRAIL SYSTEM (MGS) DETAIL

(SEE LAYOUT SHEETS FOR LOCATION)
(SEE NOTE 10 PER CALTRANS STANDARD PLANS A77R3 FOR DIMENSION OF L)

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR K. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. CD-22 SHEET NO. 60 TOTAL 143

PLOT DATE:8/23/2022 9:51:58 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FH-1610(-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CD19-CD24_P1.dwg

PLOT DATE:8/23/2022 9:53:32 AM CAD USER: DALAMEDA
PATH:\Fresno COG-FW-1910F-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_D1-07_P1.dwg

LEGEND

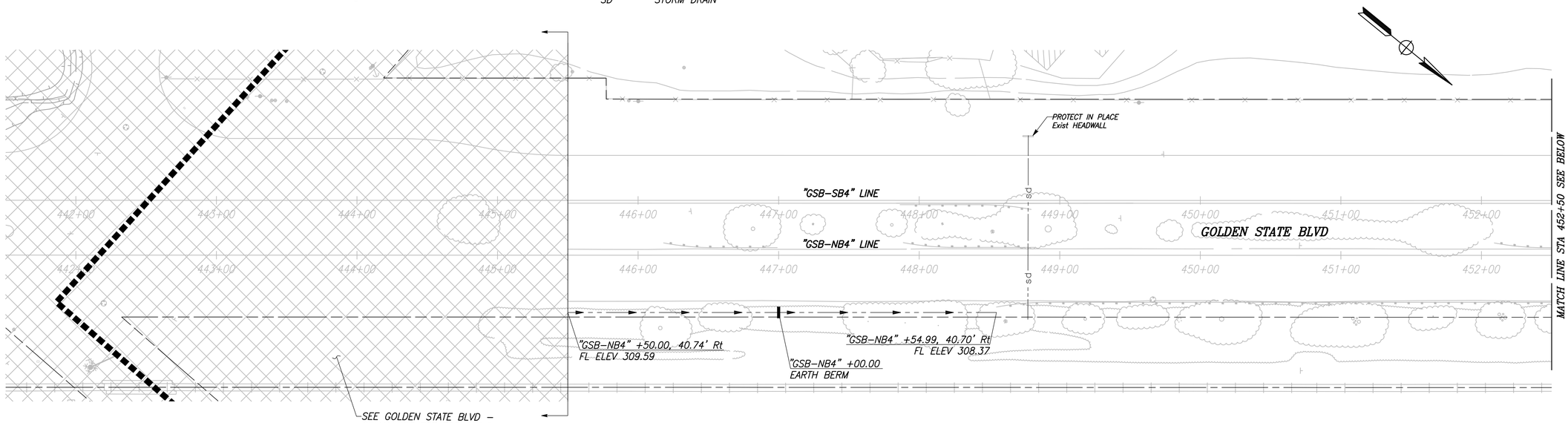
- DITCH FLOW LINE OR SWALE
- EXISTING Culv/PIPE
- PROPOSED Culv/PIPE
- PROPOSED DI
- BERM BLOCK

ABBREVIATIONS

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

NOTES

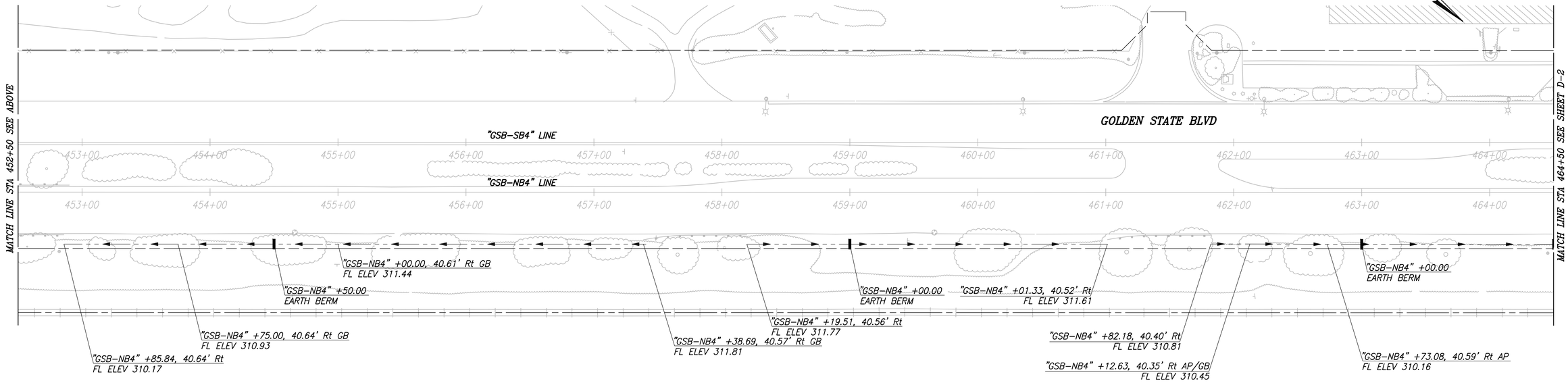
1. RIGHT-OF-WAY INFORMATION IS AVAILABLE AT THE CITY OF FOWLER OFFICE.
2. EXISTING DRAINAGE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATIONS BEFORE MODIFYING EXISTING DRAINAGE FACILITIES.



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-1 SHEET NO. 61 TOTAL 143

PLOT DATE:8/23/2022 9:52:41 AM CAD USER: DALAMEDA
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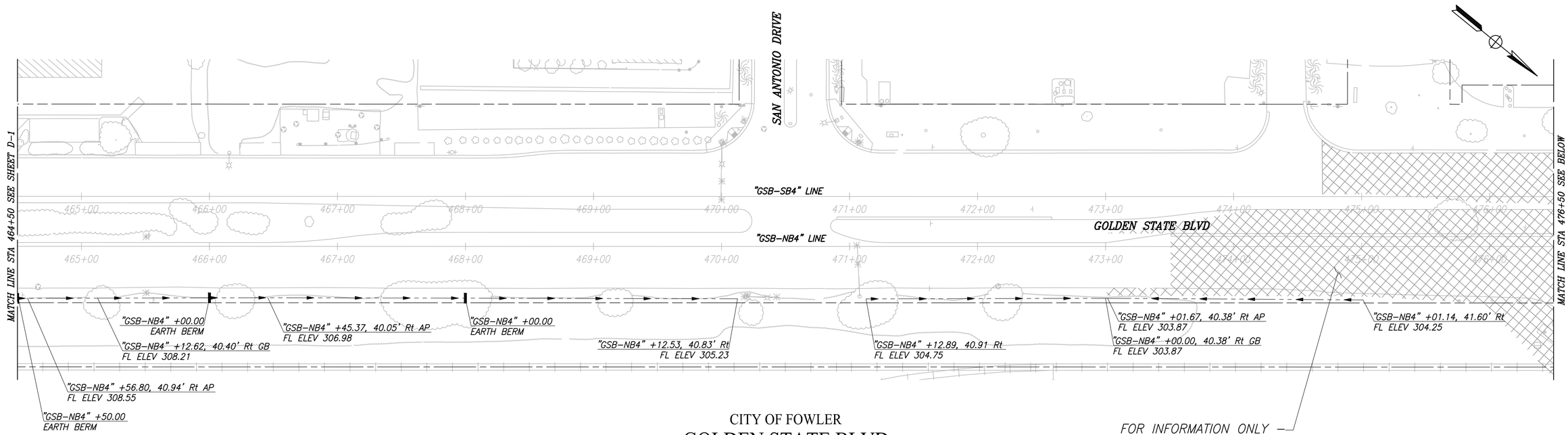
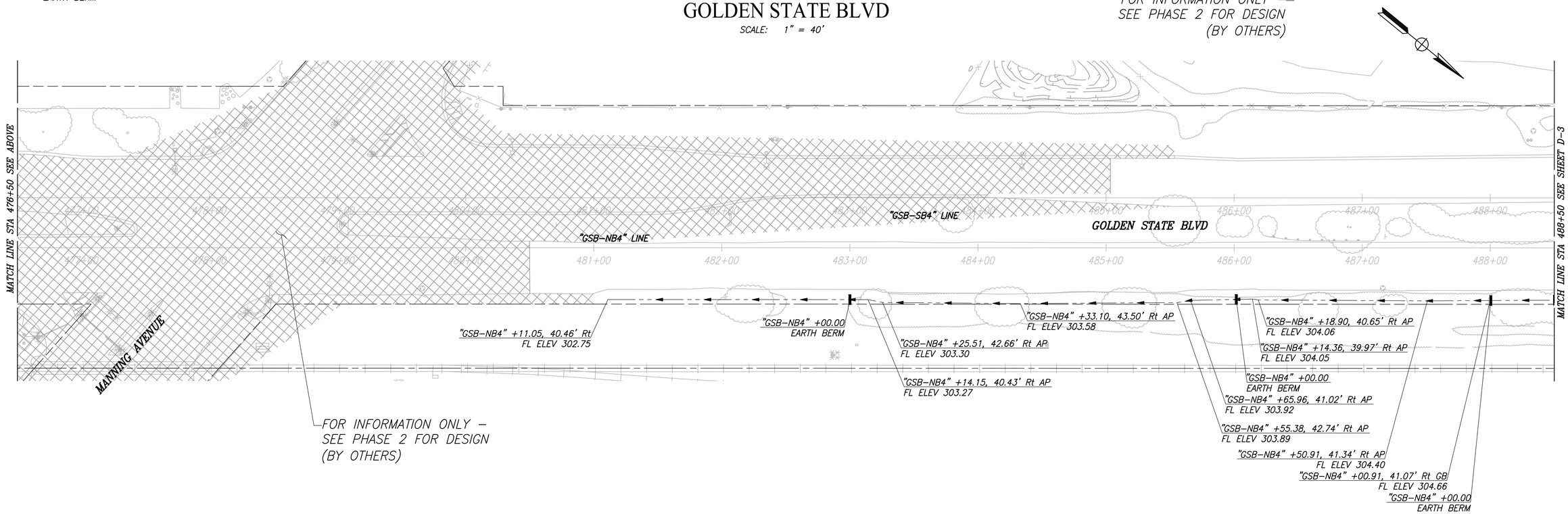


CITY OF FOWLER

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)

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

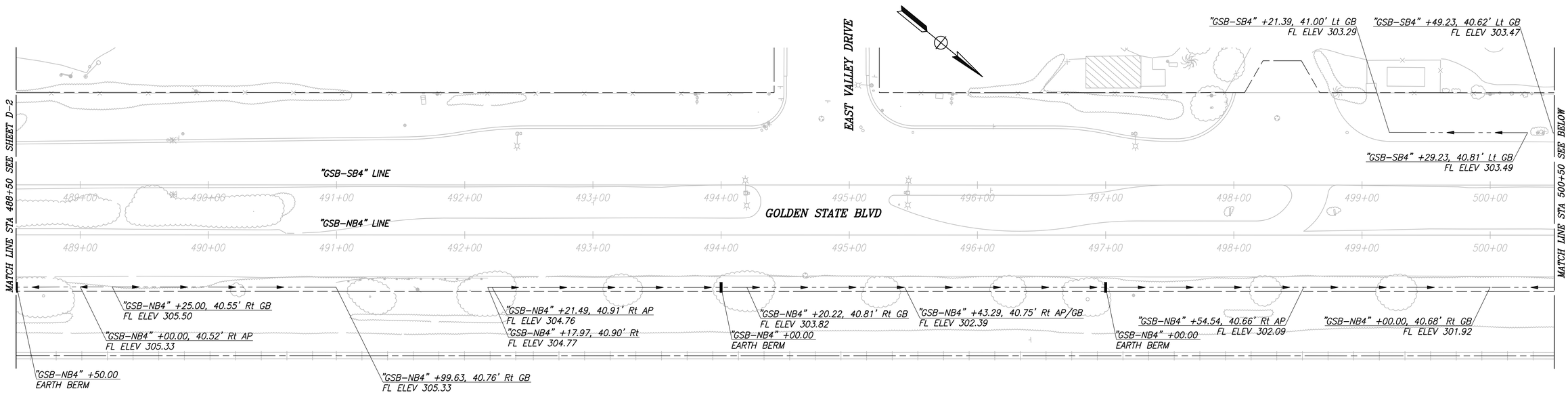
THE CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

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

PLOT DATE:8/23/2022 9:53:49 AM CAD USER: DALAMEDA

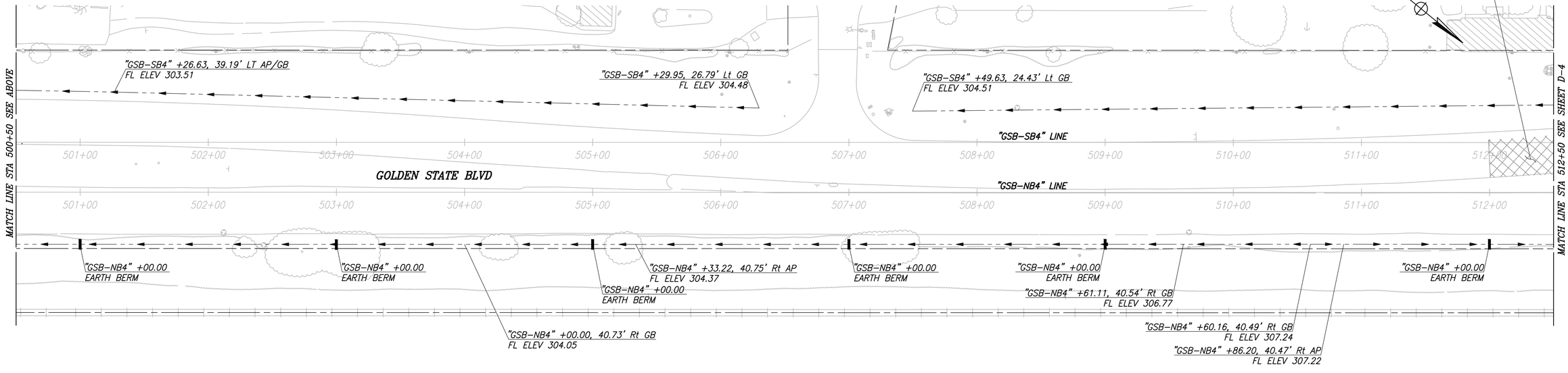


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-3 SHEET NO. 63 TOTAL 143

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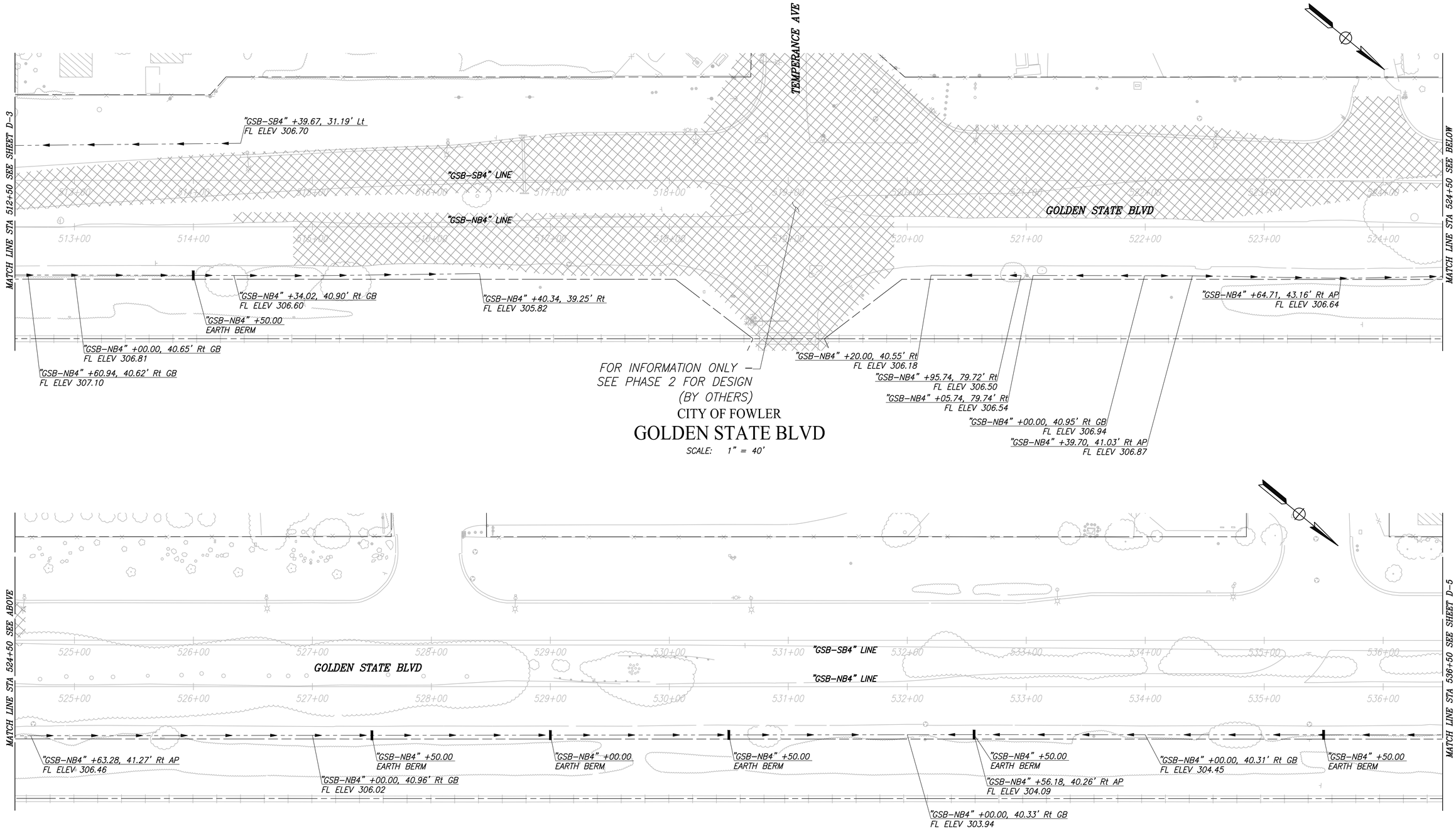

FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

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

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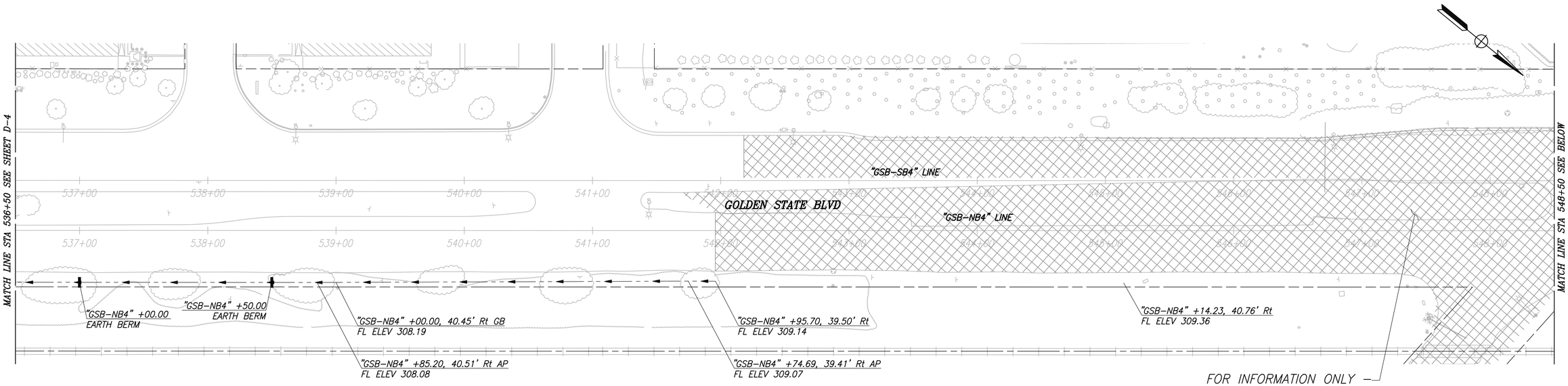
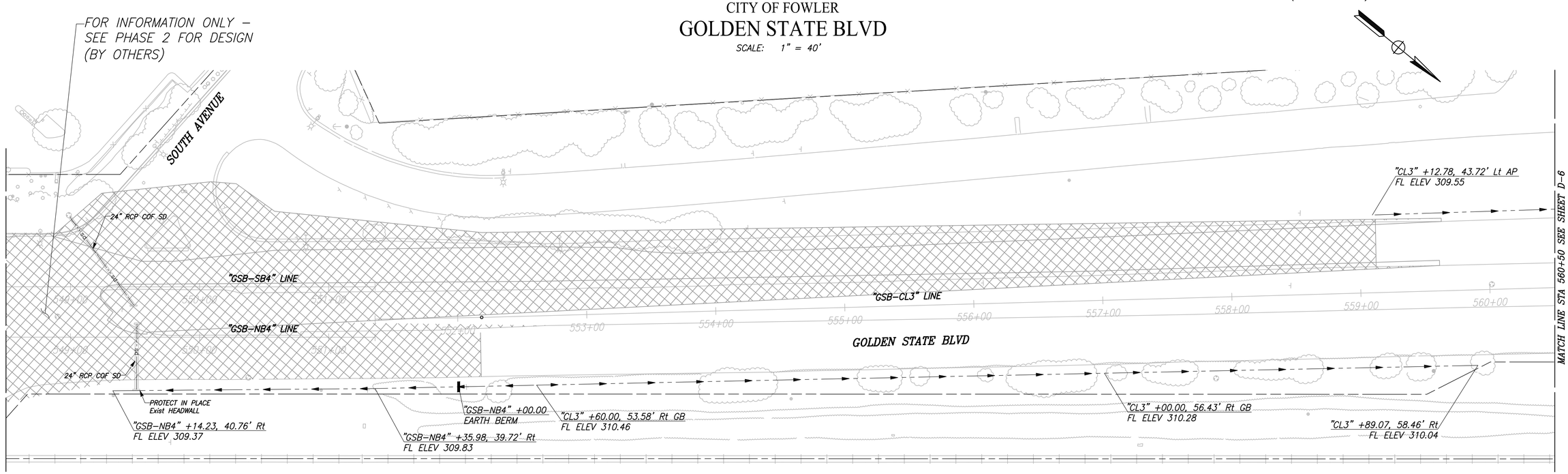


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
EDGAR E. NORIEGA
No. 61555
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-5 SHEET NO. 65 TOTAL 143

PLOT DATE:8/23/2022 9:53:16 AM CAD USER: DALAMEDA
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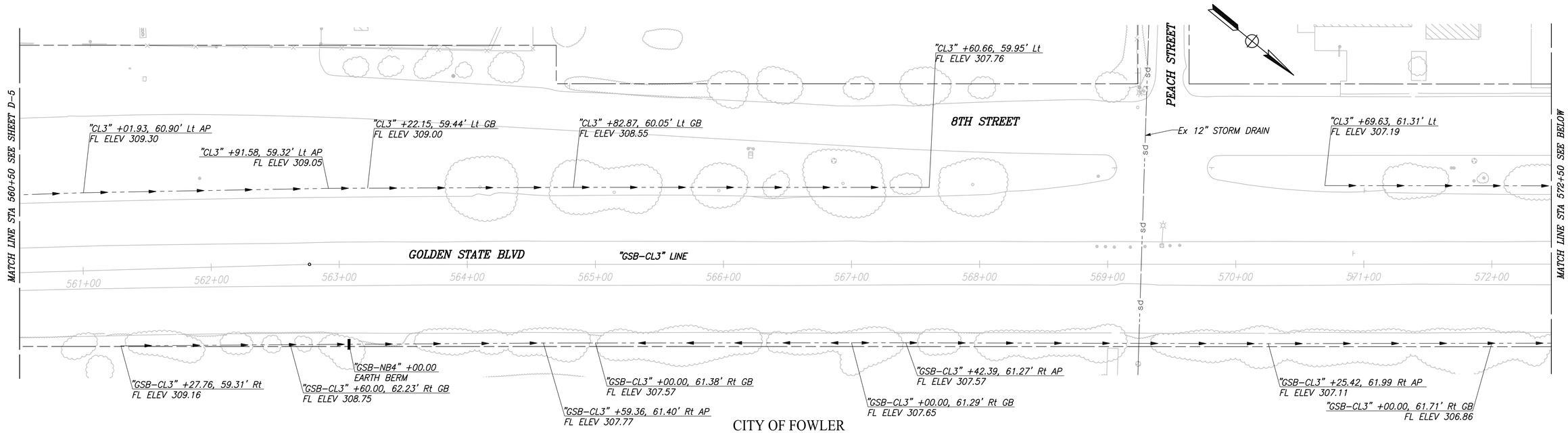
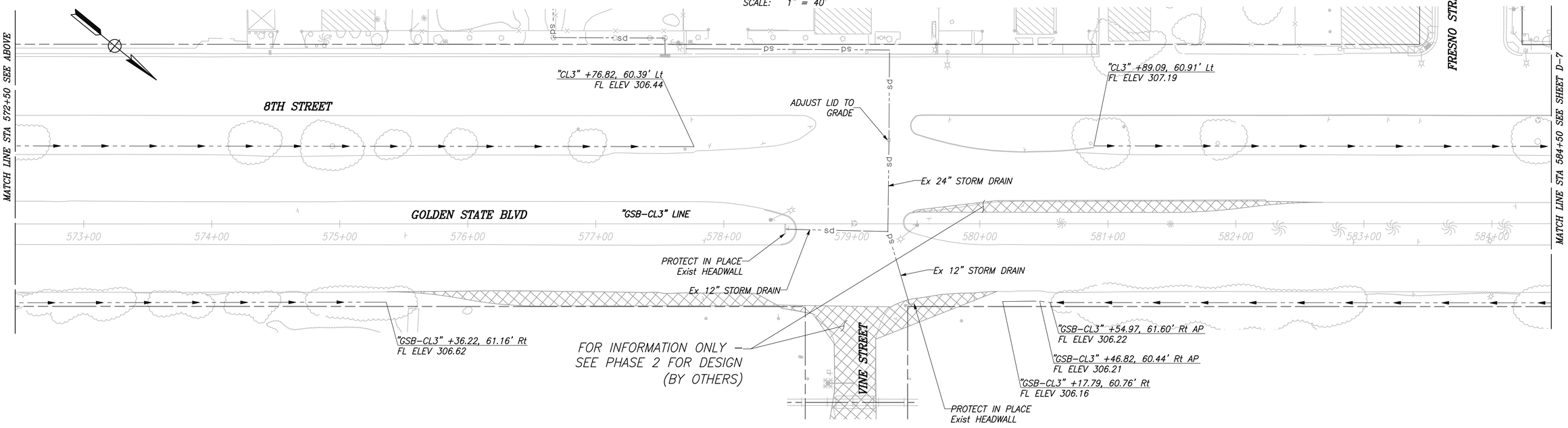


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-6 SHEET NO. 66 TOTAL 143

PLOT DATE:8/23/2022 9:53:26 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FM-18105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_D1-D7_P1.dwg

MAIN STREET

MERCED STREET

8TH STREET

"CL3" +31.00, 50.42' Lt
FL ELEV 305.44

"CL3" +38.12, 60.16' Lt
FL ELEV 305.48

"CL3" +55.88, 60.30' Lt GB
FL ELEV 307.15

MATCH LINE STA 584+50 SEE SHEET D-6

MATCH LINE STA 596+50 SEE BELOW

"GSB-CL3" LINE

GOLDEN STATE BLVD

585+00 586+00 587+00 588+00 589+00 590+00 591+00 592+00 593+00 594+00 595+00 596+00

"GSB-CL3" +30.00, 61.98' Rt GB
FL ELEV 305.08

"GSB-CL3" +00.00, 62.03' Rt GB
FL ELEV 305.47

"GSB-CL3" +57.65, 62.03' Rt AP
FL ELEV 306.72

"GSB-CL3" +25.00, 62.00' Rt GB
FL ELEV 306.79

"GSB-CL3" +17.00, 61.99' Rt GB
FL ELEV 307.04

"GSB-CL3" +08.62, 61.10' Rt AP
FL ELEV 306.19

"GSB-CL3" +13.55, 62.08' Rt AP
FL ELEV 305.97

"GSB-CL3" +60.33, 62.19' Rt
FL ELEV 305.66

"GSB-CL3" +19.40, 62.35' Rt
FL ELEV 304.81

"GSB-CL3" +55.00, 62.11' Rt GB
FL ELEV 305.30

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

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

TULOMNE STREET

"CL3" +60.63, 59.97' Lt
FL ELEV 305.01

"CL3" +91.12, 59.53' Lt
FL ELEV 304.84

"CL3" +55.37, 59.47' Lt AP
FL ELEV 304.48

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

8TH STREET

MATCH LINE STA 596+50 SEE ABOVE

MATCH LINE STA 608+50 SEE SHEET D-8

GOLDEN STATE BLVD

"GSB-CL3" LINE

597+00 598+00 599+00 600+00 601+00 602+00 603+00 604+00 605+00 606+00 607+00 608+00

"GSB-CL3" +45.21, 60.97' Rt AP
FL ELEV 303.81

"GSB-CL3" +62.97, 61.96' Rt AP
FL ELEV 304.39

"GSB-CL3" +35.00, 62.00' Rt GB
FL ELEV 304.44

"GSB-CL3" +04.09, 61.91' Rt AP
FL ELEV 304.11

"GSB-CL3" +00.00, 61.53' Rt GB
FL ELEV 305.22

"GSB-CL3" +23.51, 61.82' Rt AP
FL ELEV 305.13

"GSB-CL3" +96.91, 61.53' Rt AP
FL ELEV 305.22

"GSB-CL3" +27.80, 61.78' Rt
FL ELEV 304.92

MARIPOSA STREET

"GSB-CL3" +45.88, 62.25' Rt
FL ELEV 304.83

"GSB-CL3" +00.00, 62.05' Rt GB
FL ELEV 304.72

"GSB-CL3" +50.00, 62.11' Rt GB
FL ELEV 304.60

FOR INFORMATION ONLY –
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(BY OTHERS)

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

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811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
EDGAR A. NORIEGA
No. 81555
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

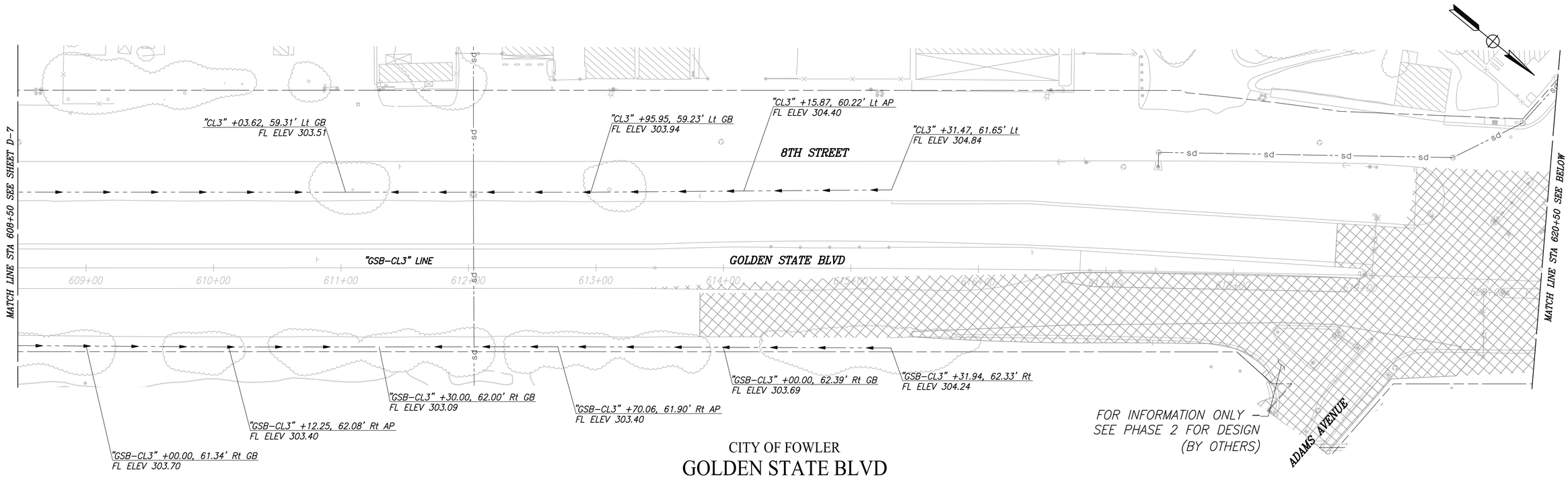
FOWLER REGION

THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

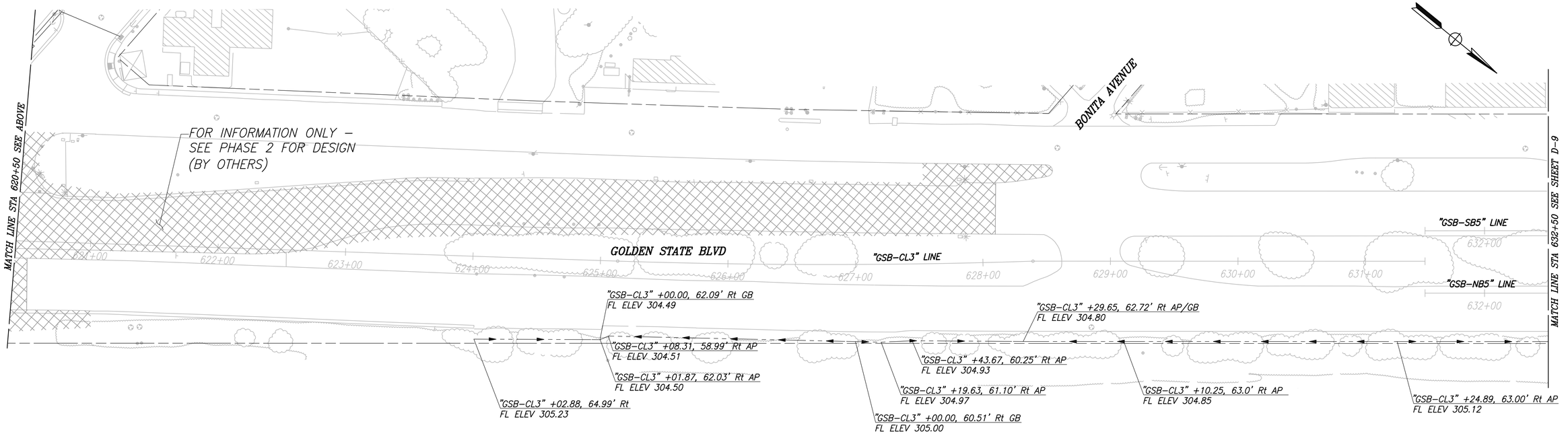
DRAWING NO. D-7 SHEET NO. 67 TOTAL 143



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR K NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-8 SHEET NO. 68 TOTAL 143

PLOT DATE:8/23/2022 10:17:13 AM CAD USER: ECHIN

PATH:J:\Fresno COG-FH-1610(-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_D8-D14_P1.dwg

PLOT DATE:8/23/2022 10:17:21 AM CAD USER: ECHIN

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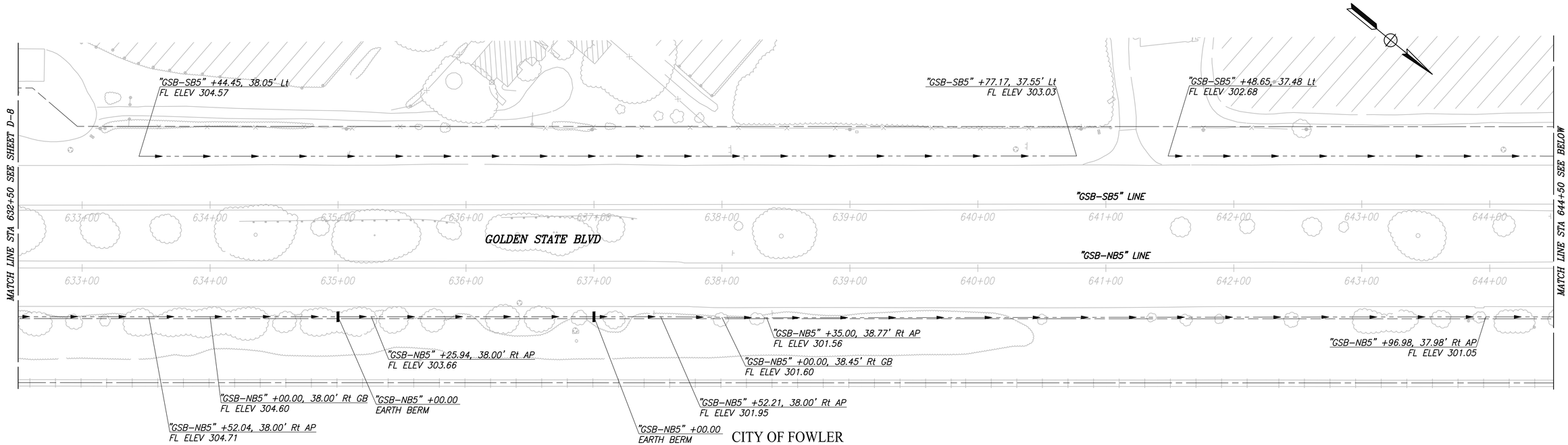
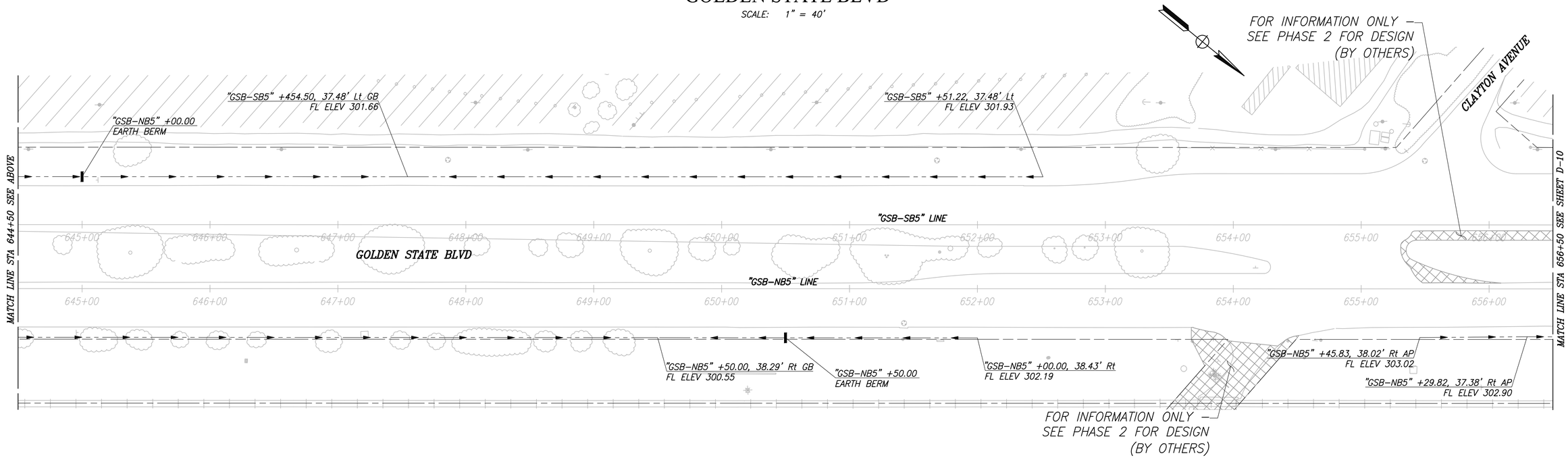


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR E. NORIEGA — No. 61555 — Exp. 9/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

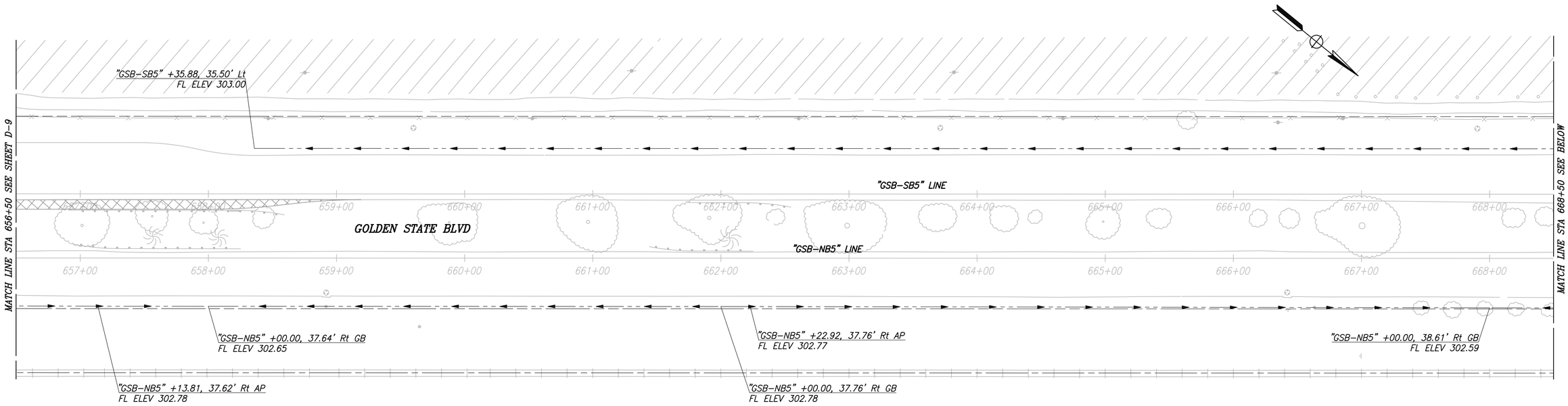
FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

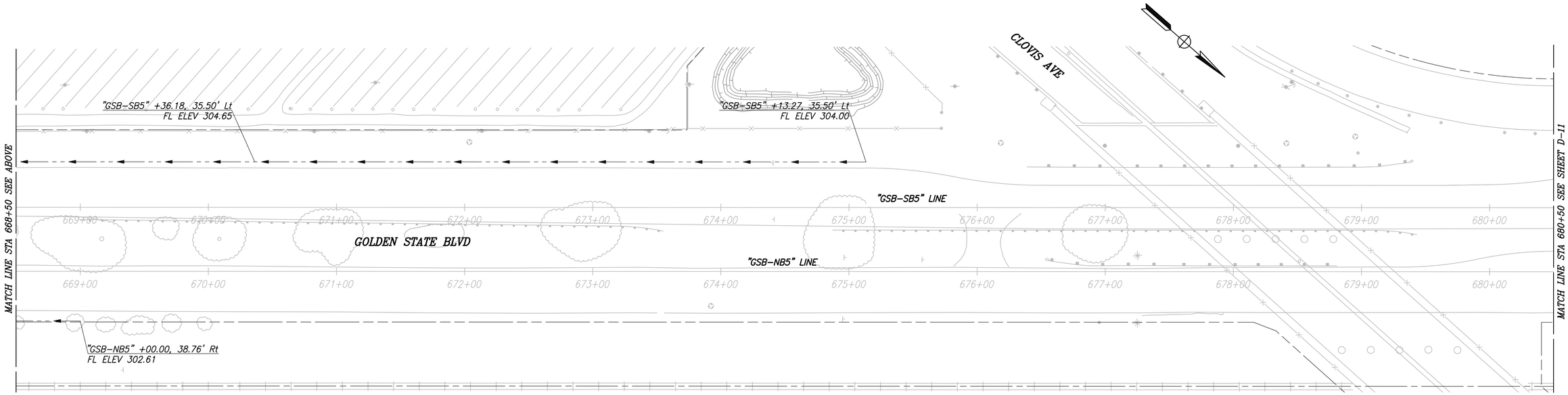
DRAWING NO. D-9 SHEET NO. 69 TOTAL 143



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER _____ DATE _____

REGISTERED PROFESSIONAL ENGINEER
EDGAR E. NORIEGA
No. 61555
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-10 SHEET NO. 70 TOTAL 143

PLOT DATE=8/23/2022 10:17:30 AM CAD USER: ECHIN

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PLOT DATE:8/23/2022 10:17:38 AM CAD USER: ECHIN
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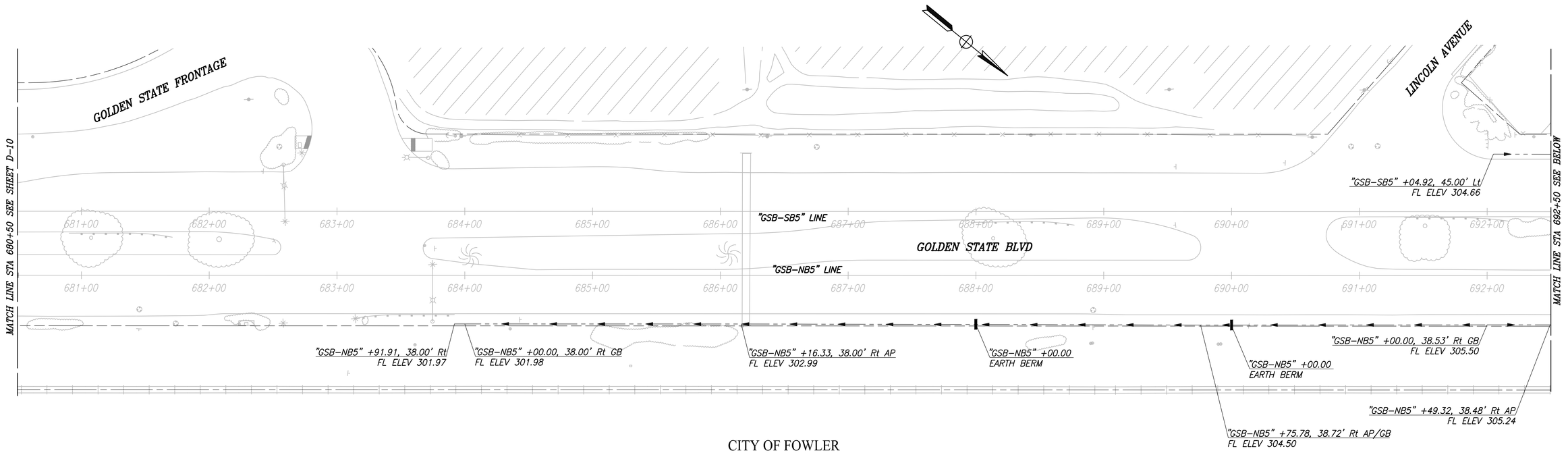
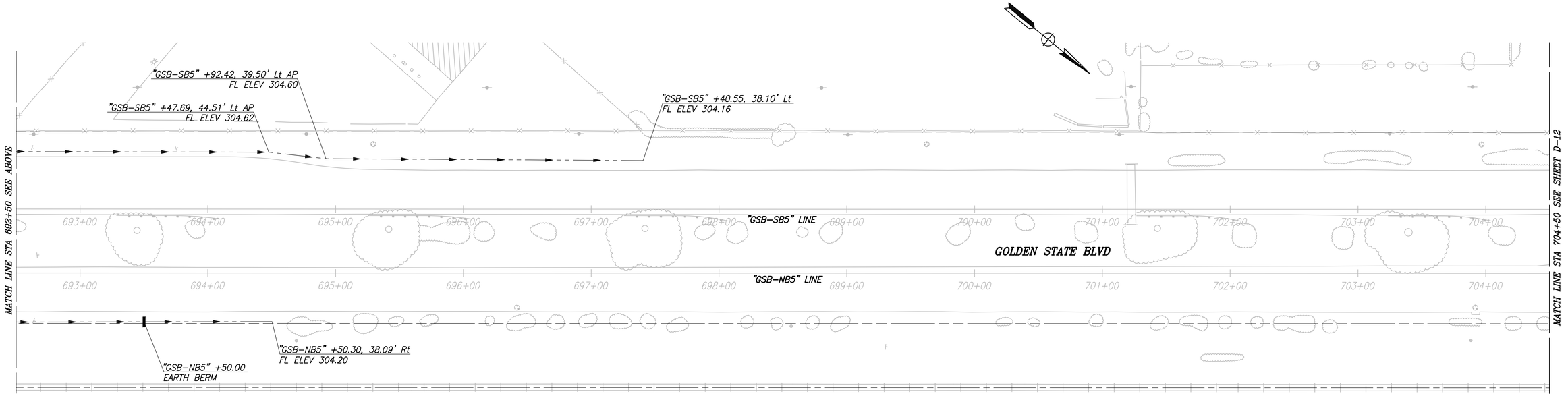


CITY OF FOWLER

GOLDEN STATE BLVD



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

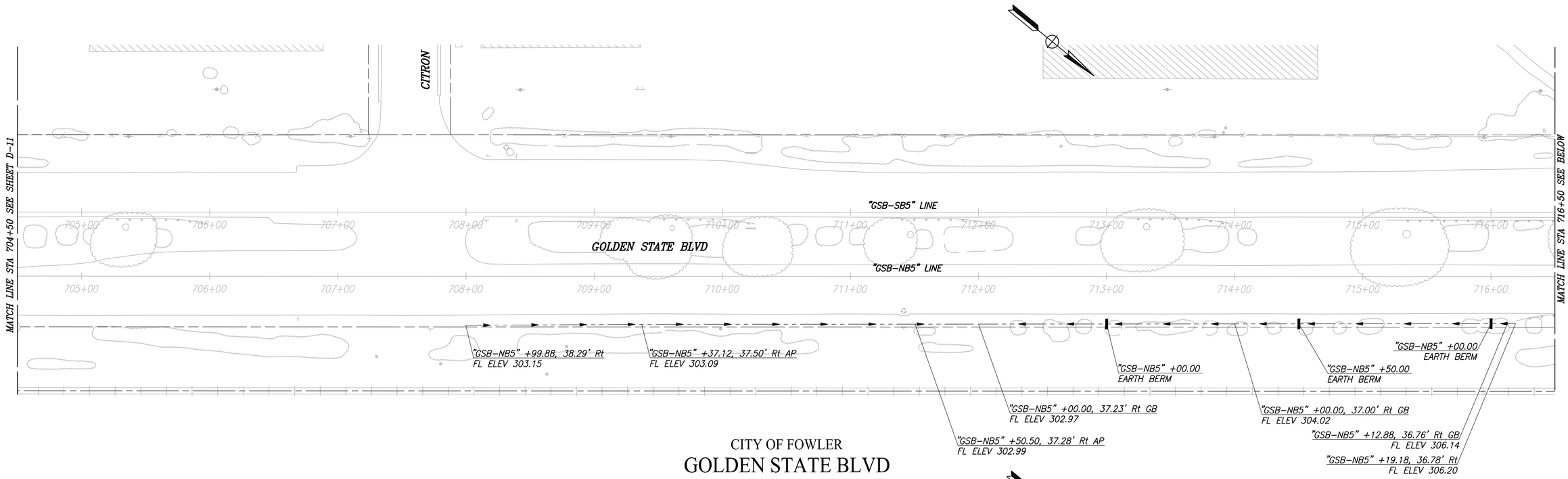
THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

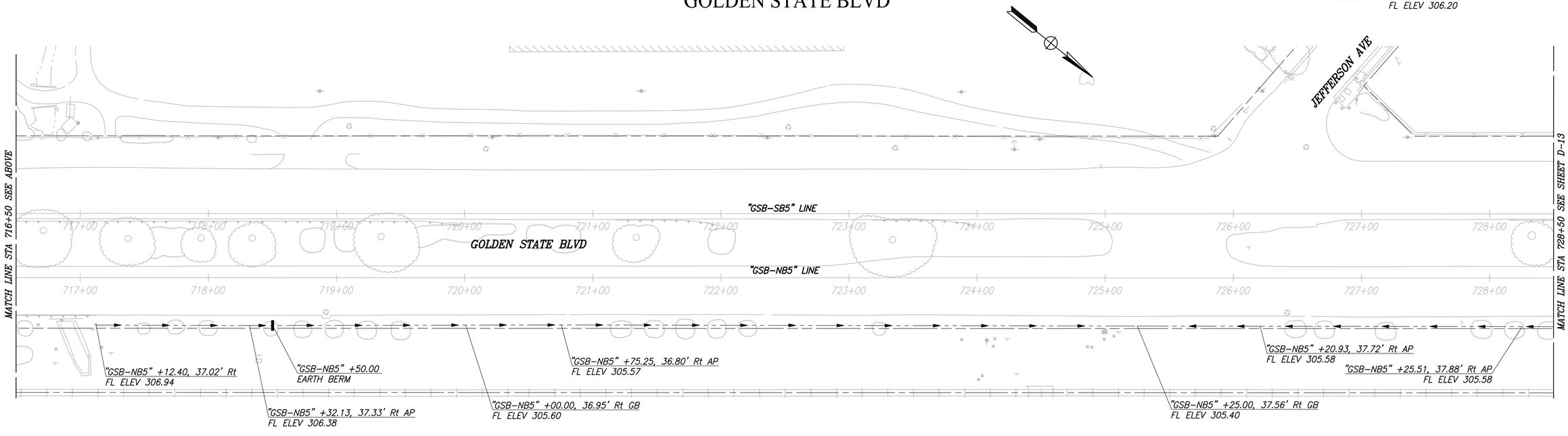
DRAWING NO. D-11 SHEET NO. 71 TOTAL 143

PLOT DATE:8/23/2022 10:17:47 AM CAD USER: ECHIN



CITY OF FOWLER

GOLDEN STATE BLVD



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Ex. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. D-12 SHEET NO. 72 TOTAL 143

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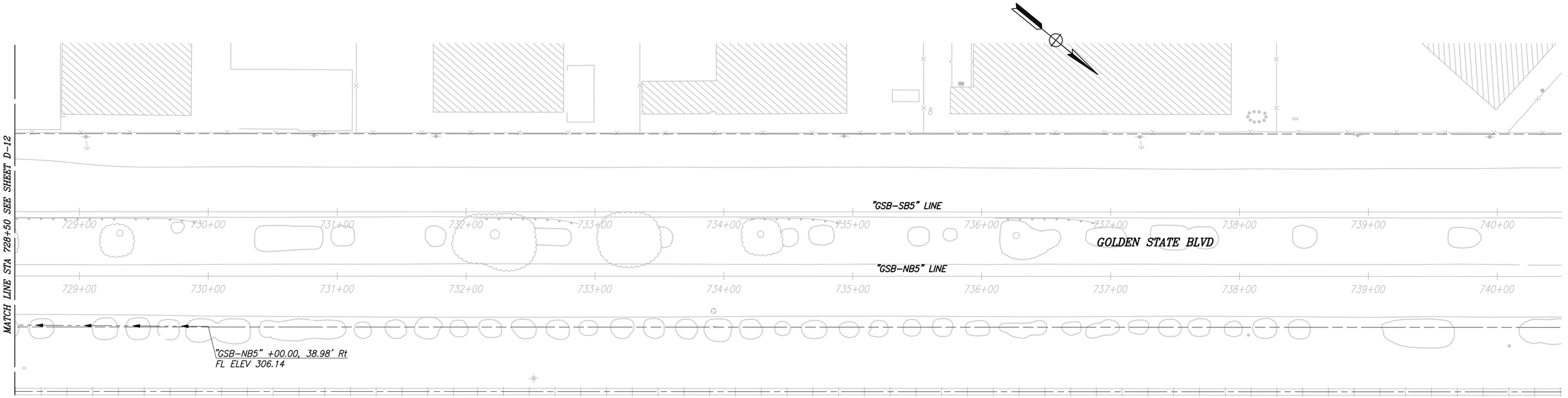

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

PLOT DATE:8/23/2022 10:17:52 AM CAD USER: ECHIN

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

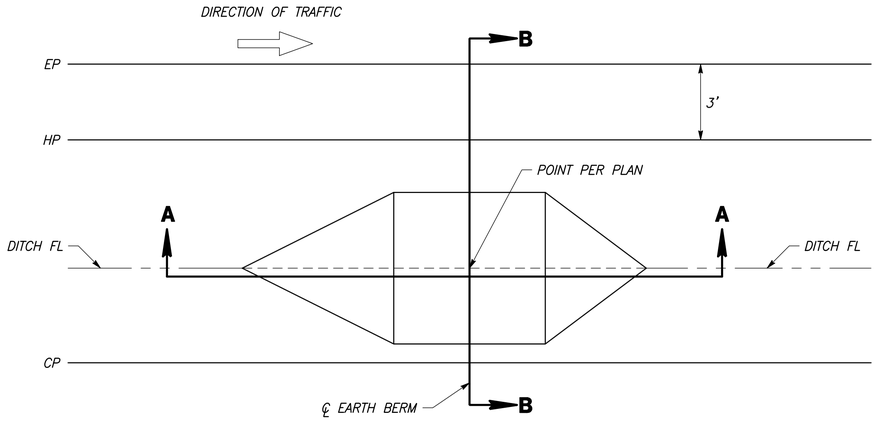
FOWLER REGION

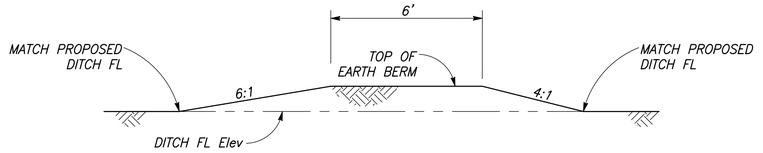
THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

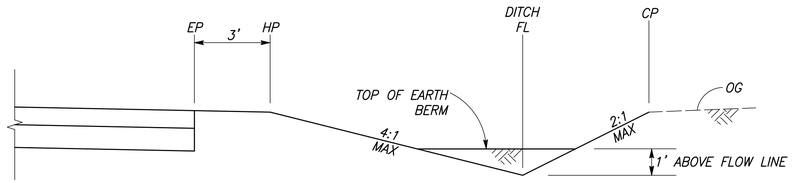
DRAINAGE PLAN

DRAWING NO. D-13 SHEET NO. 73 TOTAL 143





SECTION A-A



SECTION B-B

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

DRAINAGE PLAN

DRAWING NO. DD-1 SHEET NO. 74 TOTAL 143

PLOT DATE:8/23/2022 9:57:48 AM CAD USER: DALAMEDA

LEGEND

e (oh)	(E)ELECTRIC OVERHEAD
g	(E)GAS
s s	(E)SEWER
sd	(E)STORM DRAIN
w	(E)WATER
t	(E)TELECOM
fo	(E)FIBER OPTIC
irr	(E)IRRIGATION

ABBREVIATIONS

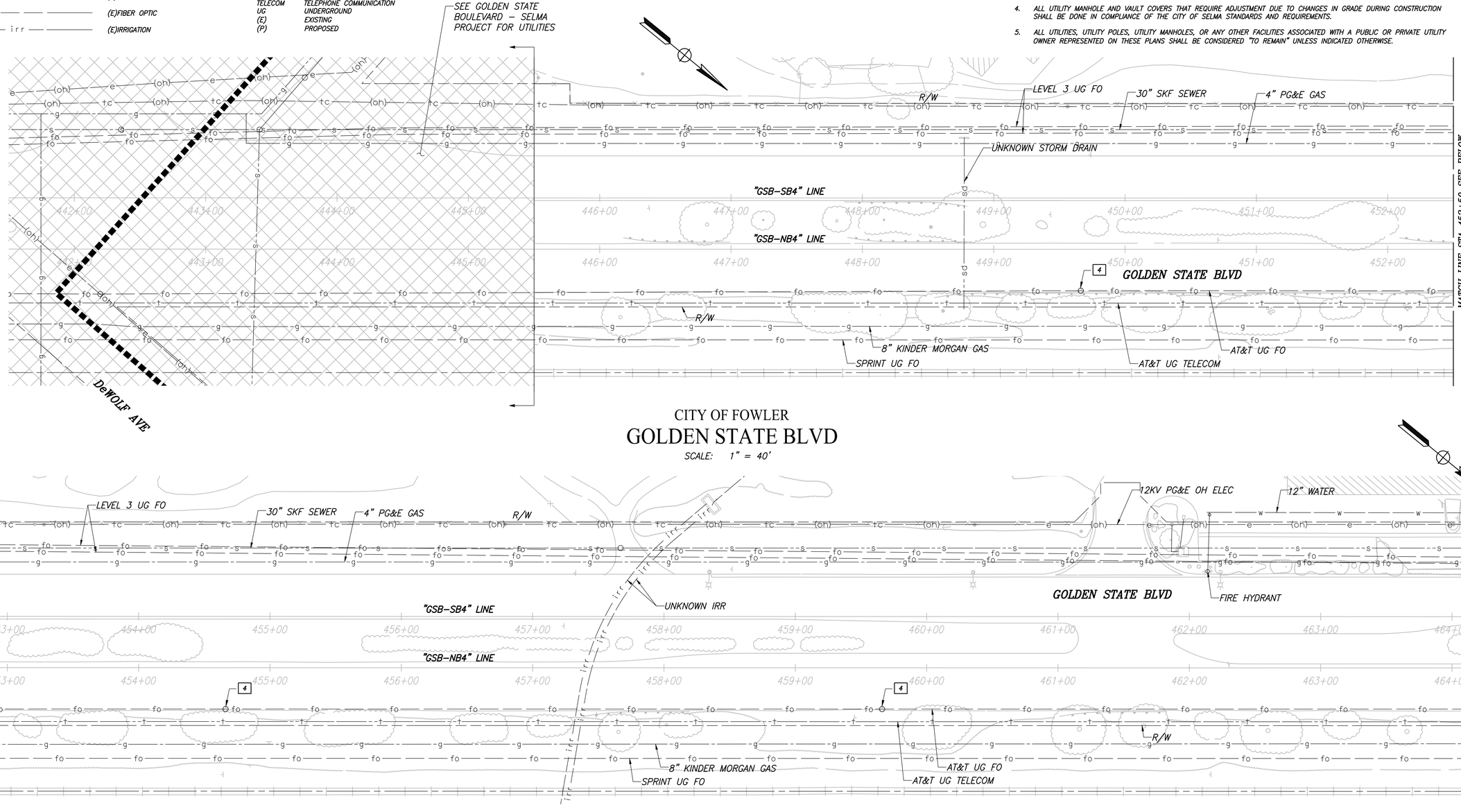
ATT	AMERICAN TELEPHONE AND TELEGRAPH
COF	CITY OF FOWLER
COK	CITY OF KINGSBURG
COS	CITY OF SELMA
FO	FIBER OPTIC
IRR	IRRIGATION
NATGAS	NATURAL GAS
OH	OVER HEAD
PGE	PACIFIC GAS AND ELECTRIC
SD	STORM DRAIN
SKF	SELMA KINGSBURG FOWLER SEWER
STA	STATION
TELECOM	TELEPHONE COMMUNICATION
UG	UNDERGROUND
(E)	EXISTING
(P)	PROPOSED

UTILITY NOTES:

1. ADJUST (E) WATER VALVE TO GRADE
2. ADJUST (E) STORM DRAIN MH TO GRADE
3. ADJUST (E) SEWER MH TO GRADE
4. ADJUST (E) COMM MH TO GRADE

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE RESPECTIVE UTILITY COMPANIES 48 HOURS PRIOR TO WORKING AROUND ANY OF THEIR UNDERGROUND UTILITIES FOR VERIFICATION AT THE SITE OF ANY POSSIBLE CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
2. THE TYPES, LOCATIONS, SIZES, AND DEPTHS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. THE CITY OF SELMA AND ITS CONSULTANT, MARK THOMAS & COMPANY INC., CAN NOT ASSUME THE RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UTILITIES NOR THE EXISTENCE OF OTHER BURIED OBJECTS OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS.
3. FOR UTILITY CONTACT INFORMATION SEE SHEET G-1.
4. ALL UTILITY MANHOLE AND VAULT COVERS THAT REQUIRE ADJUSTMENT DUE TO CHANGES IN GRADE DURING CONSTRUCTION SHALL BE DONE IN COMPLIANCE OF THE CITY OF SELMA STANDARDS AND REQUIREMENTS.
5. ALL UTILITIES, UTILITY POLES, UTILITY MANHOLES, OR ANY OTHER FACILITIES ASSOCIATED WITH A PUBLIC OR PRIVATE UTILITY OWNER REPRESENTED ON THESE PLANS SHALL BE CONSIDERED "TO REMAIN" UNLESS INDICATED OTHERWISE.



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-1 SHEET NO. 75 TOTAL 143

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PLOT DATE:8/23/2022 9:57:56 AM CAD USER: DALAMEDA
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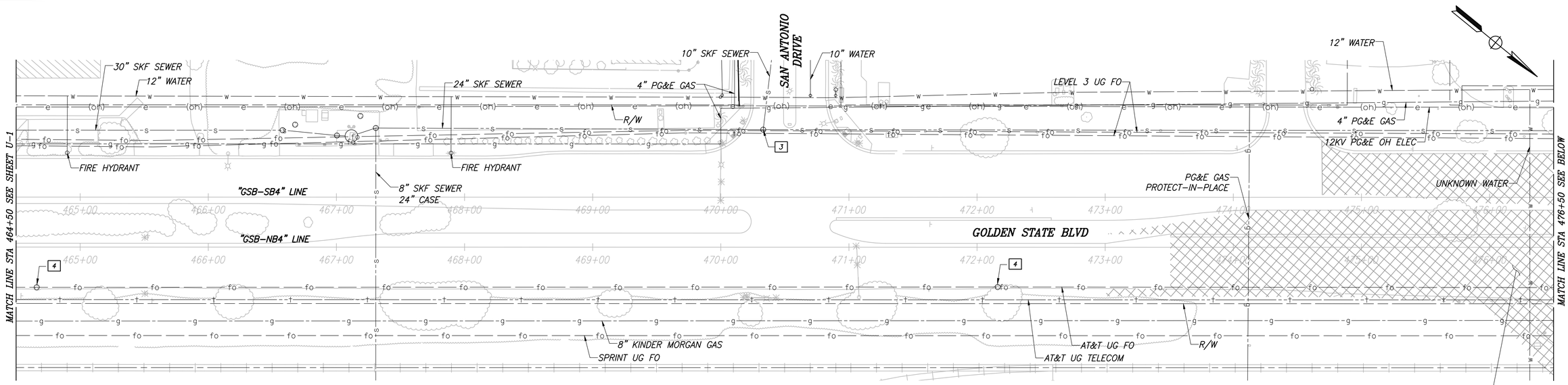
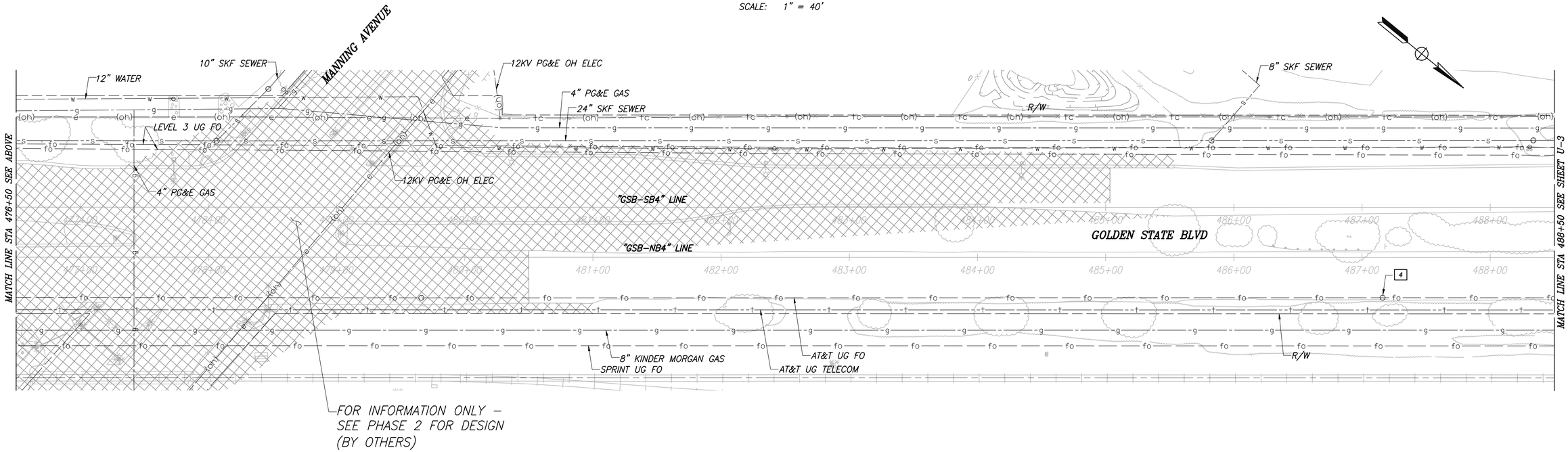


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

RECOMMENDED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-2 SHEET NO. 76 TOTAL 143

PLOT DATE:8/23/2022 9:58:04 AM CAD USER: DALAMEDA
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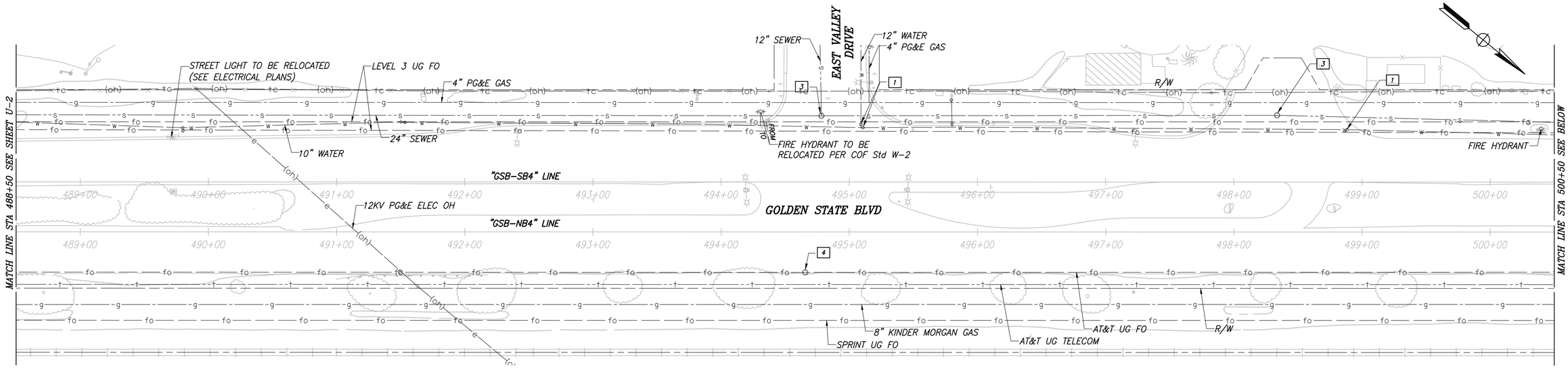
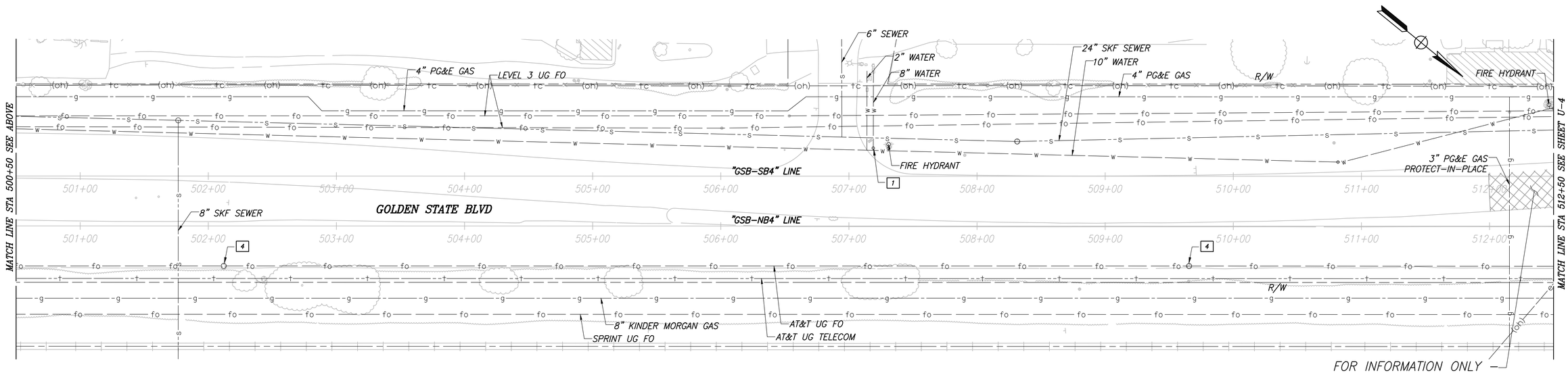


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

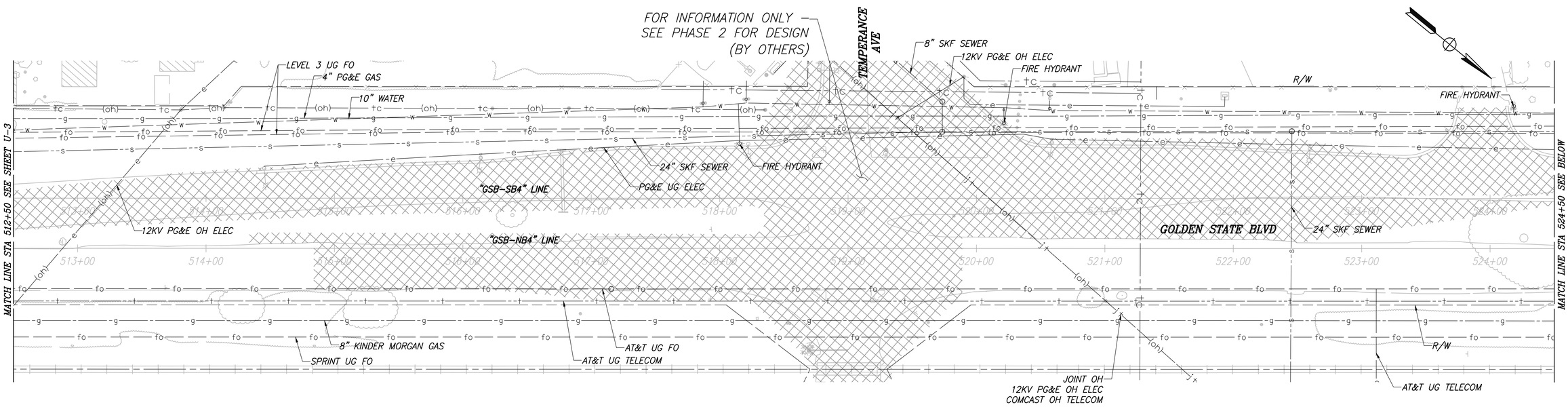
THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-3 SHEET NO. 77 TOTAL 143

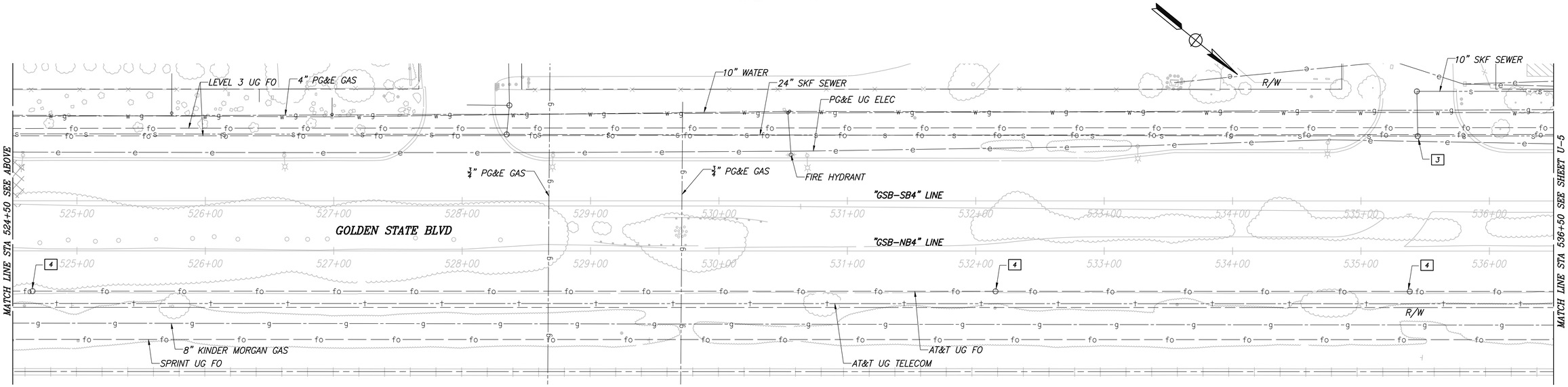
PLOT DATE:8/23/2022 9:58:12 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — OSCAR A. NORIEGA — No. 81555 — Exp. 9/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-4 SHEET NO. 78 TOTAL 143

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PLOT DATE:8/23/2022 9:58:20 AM CAD USER: DALAMEDA
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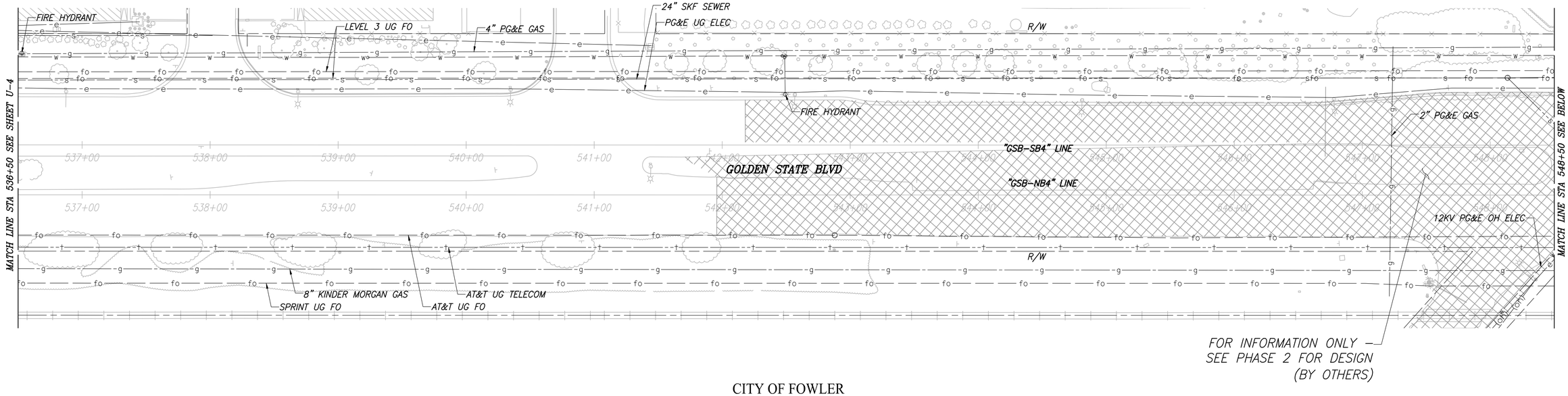
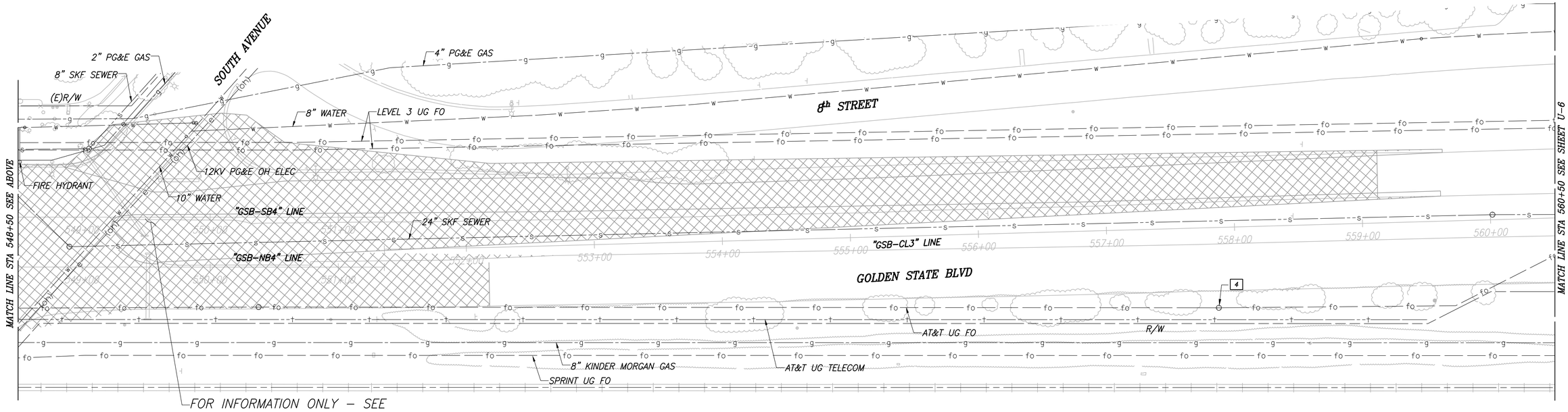


FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER – EDGAR E. NORIEGA – No. 61555 – Exp. 6/30/23 – CIVIL – STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-5 SHEET NO. 79 TOTAL 143

PLOT DATE:8/23/2022 9:58:28 AM CAD USER: DALAMEDA
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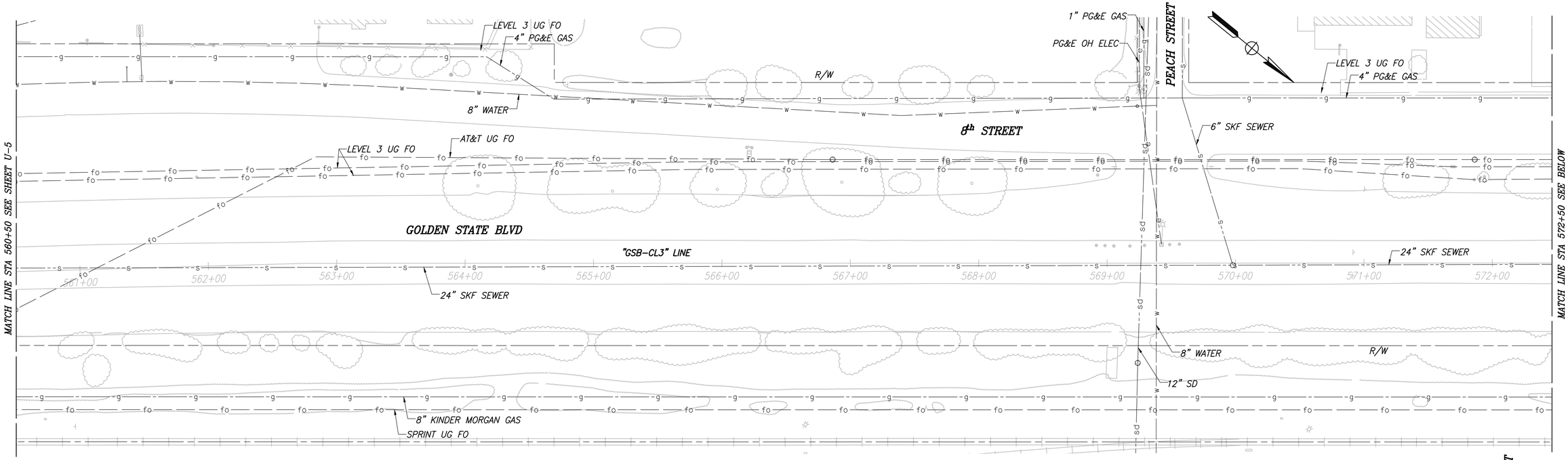
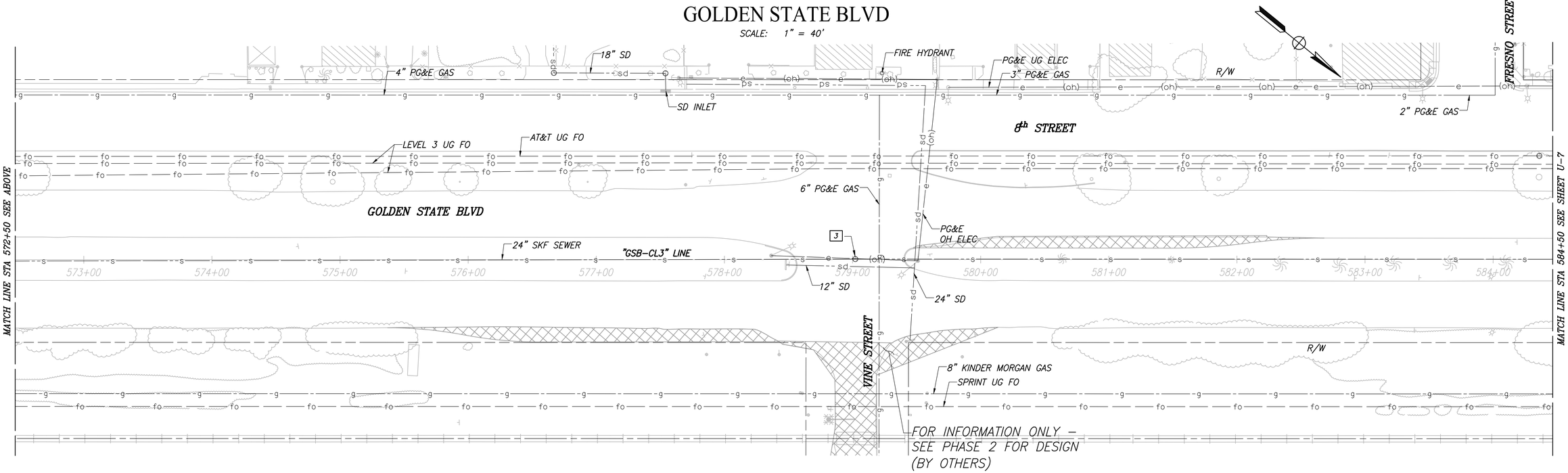


GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 5/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-6 SHEET NO. 80 TOTAL 143

PLOT DATE:8/23/2022 9:58:36 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FH-6910I-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_U1-U7_P1.dwg

MAIN STREET

R/W

8th STREET

MERCED STREET

SD INLET

PG&E UG ELEC

PG&E OH ELEC

LEVEL 3 UG FO

AT&T UG FO

GOLDEN STATE BLVD

24" SKF SEWER

"GSB-CL3" LINE

18" SKF SEWER

12" SD

12KV PG&E UG ELEC

6" WATER

8" KINDER MORGAN GAS

SPRINT UG FO

18" SEWER

12" SEWER

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

MATCH LINE STA 584+50 SEE SHEET U-6

MATCH LINE STA 596+50 SEE BELOW

585+00 586+00 587+00 588+00 589+00 590+00 591+00 592+00 593+00 594+00 595+00 596+00

8" WATER

FIRE HYDRANT

8" SKF SEWER

18" SKF SEWER

PG&E UG ELEC

PG&E OH ELEC

JOINT OH PG&E ELEC

3 1/2" WATER

MARIPOSA STREET

MATCH LINE STA 596+50 SEE ABOVE

MATCH LINE STA 608+50 SEE SHEET U-8

597+00 598+00 599+00 600+00 601+00 602+00 603+00 604+00 605+00 606+00 607+00 608+00

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-7 SHEET NO. 81 TOTAL 143

PLOT DATE:8/23/2022 9:59:02 AM CAD USER: DALAMEDA

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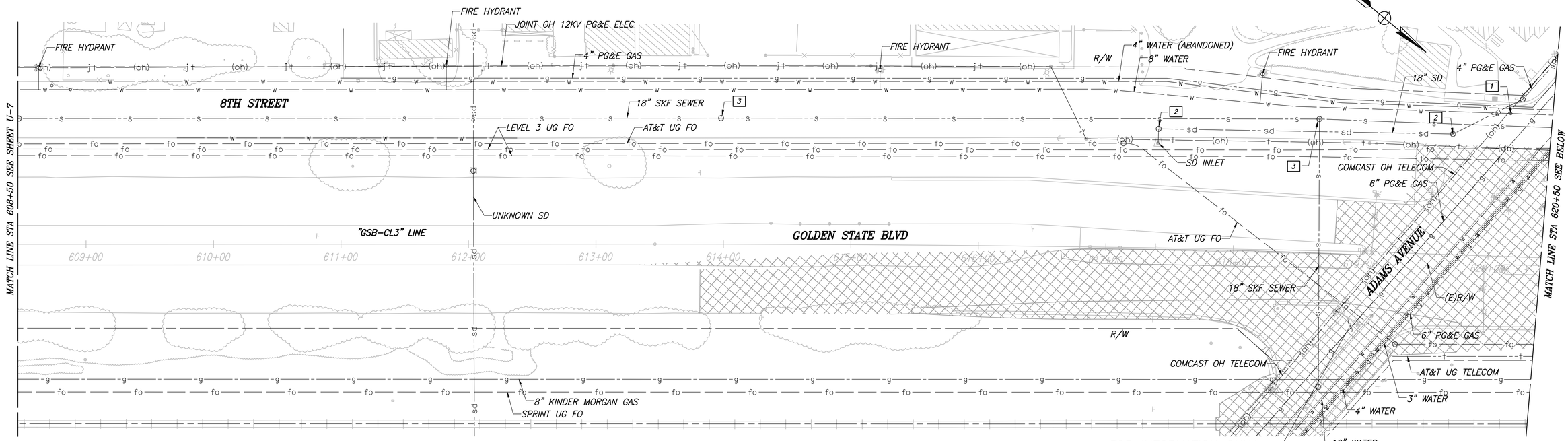
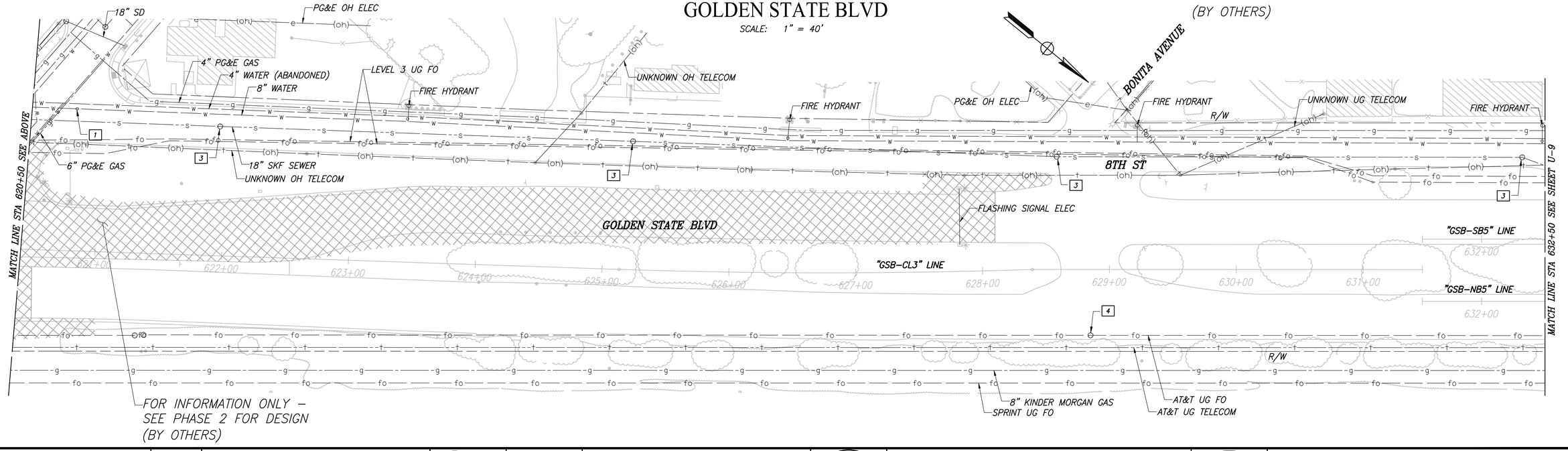


FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 61555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

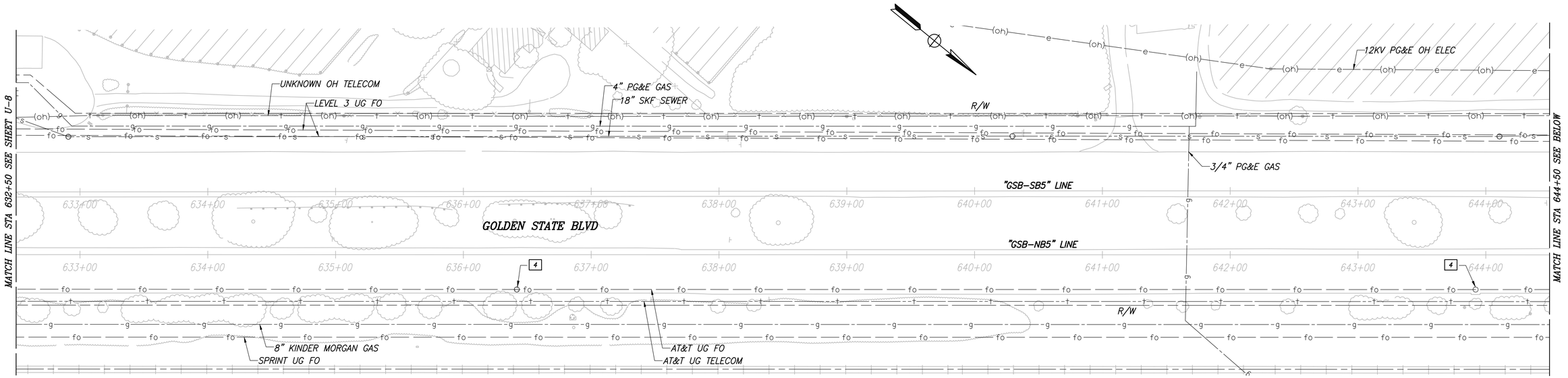
THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-8 SHEET NO. 82 TOTAL 143

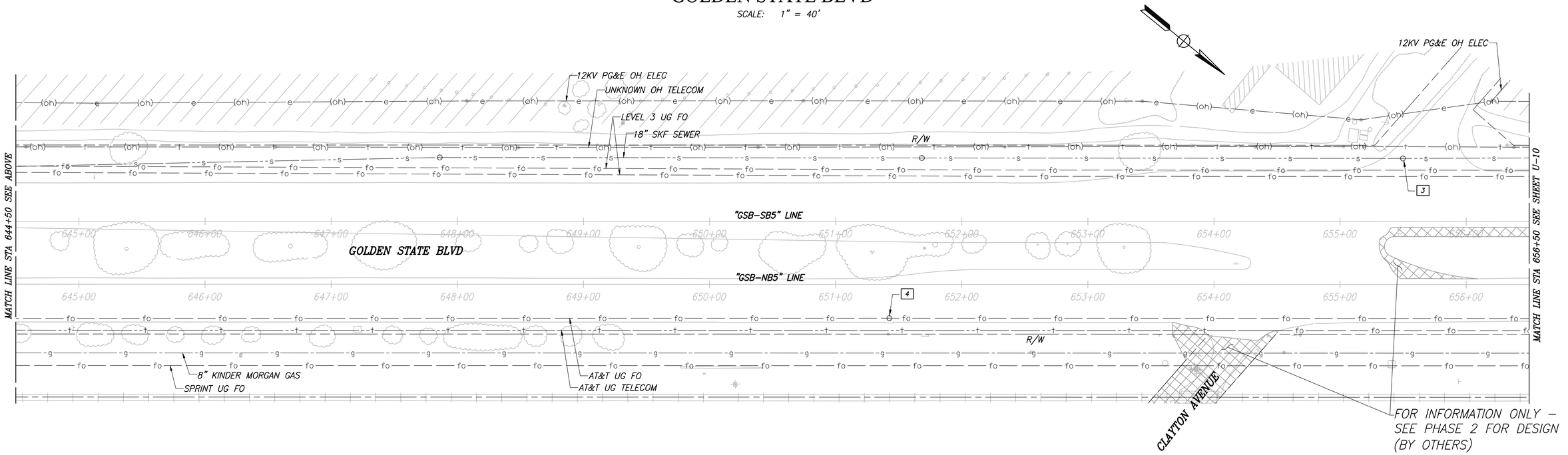
PLOT DATE:8/23/2022 9:59:09 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR E. NORIEGA No. 81555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-9 SHEET NO. 83 TOTAL 143

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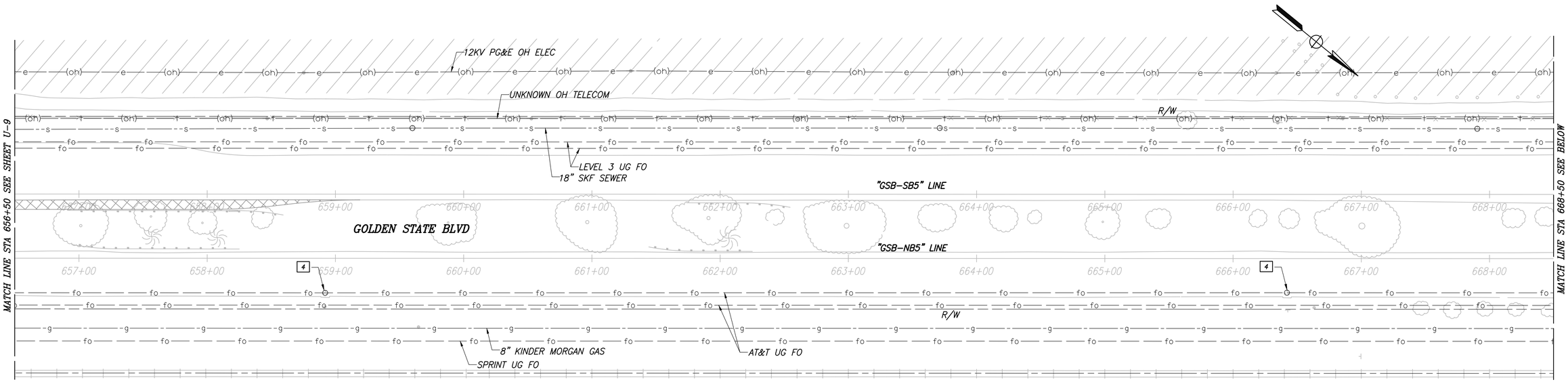
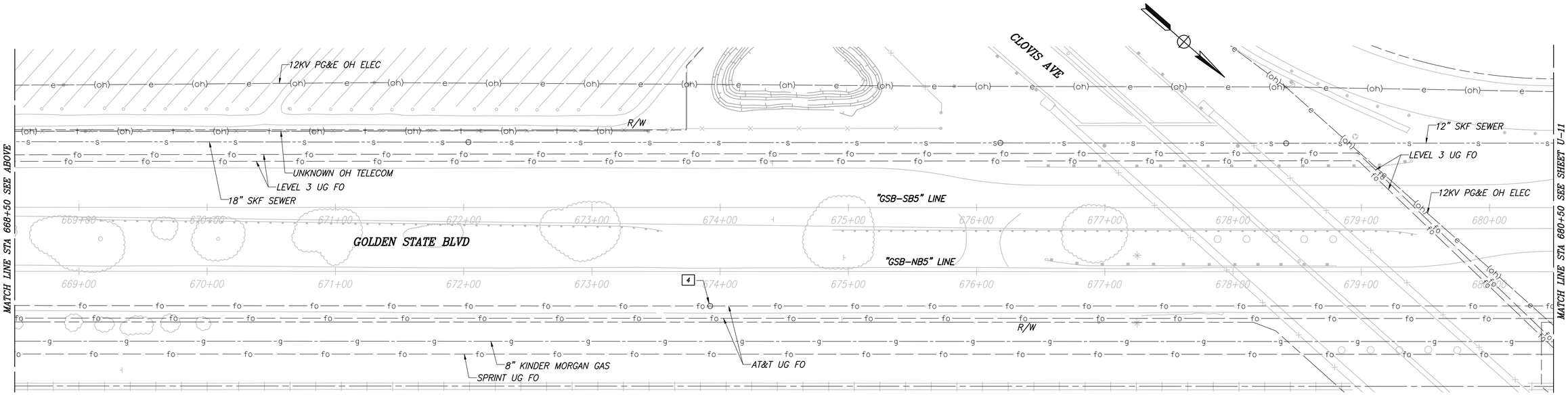


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER ____ DATE ____

REGISTERED PROFESSIONAL ENGINEER — EDGAR E. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-10 SHEET NO. 84 TOTAL 143

PLOT DATE:8/23/2022 9:59:17 AM CAD USER: DALAMEDA

PATH:\\Fresno COG-FW-1910-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_U8-U14_P1.dwg

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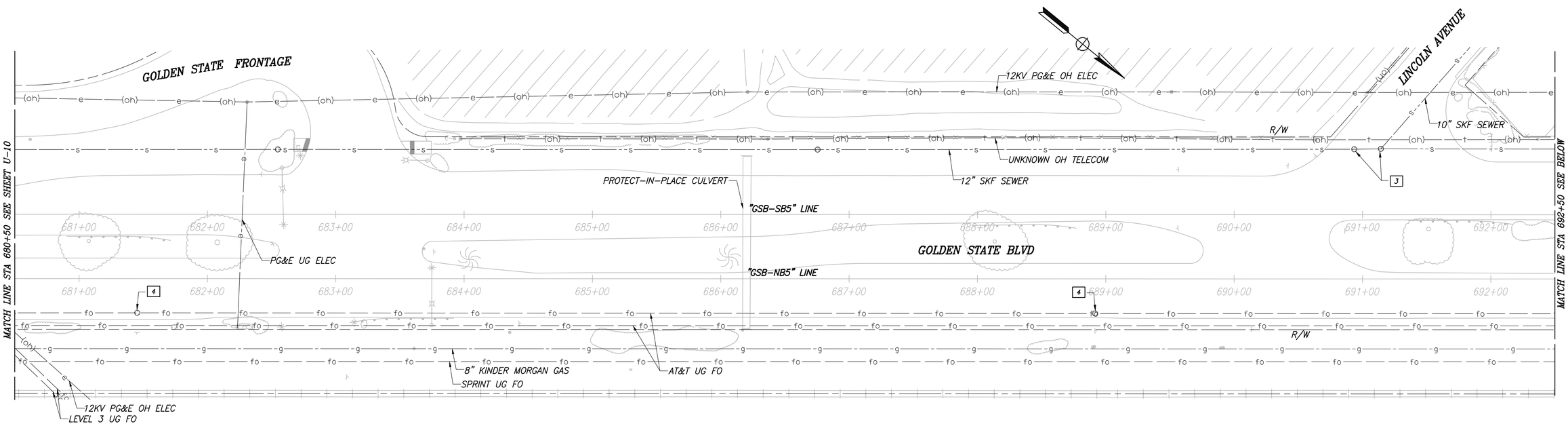
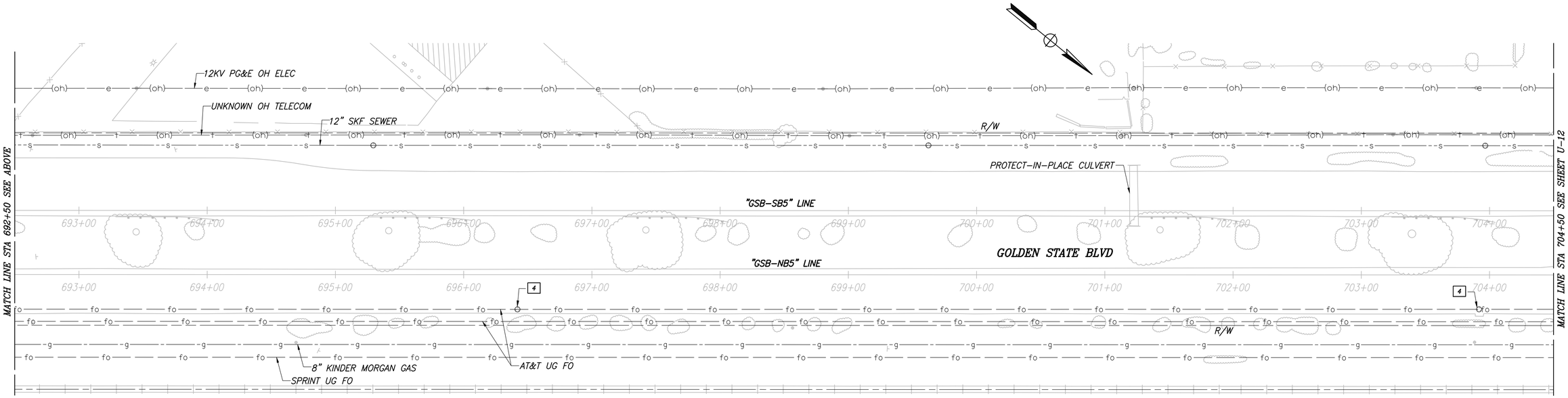


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/24 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-11 SHEET NO. 85 TOTAL 143

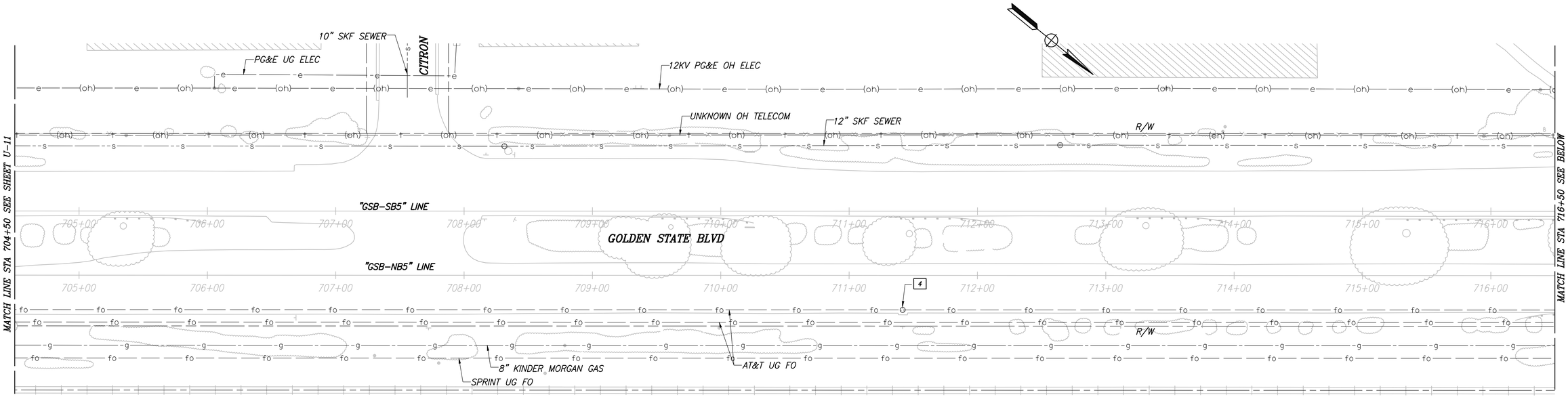
PLOT DATE:8/23/2022 9:59:34 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_U8-U14_P1.dwg

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR K. NORIEGA No. 81555 Exp. 9/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-12 SHEET NO. 86 TOTAL 143

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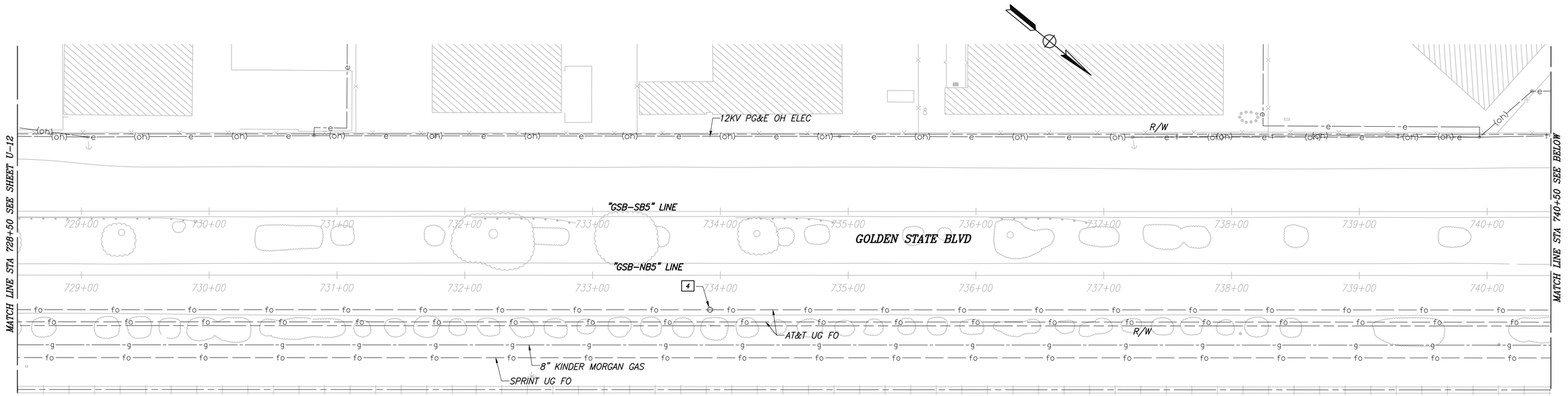
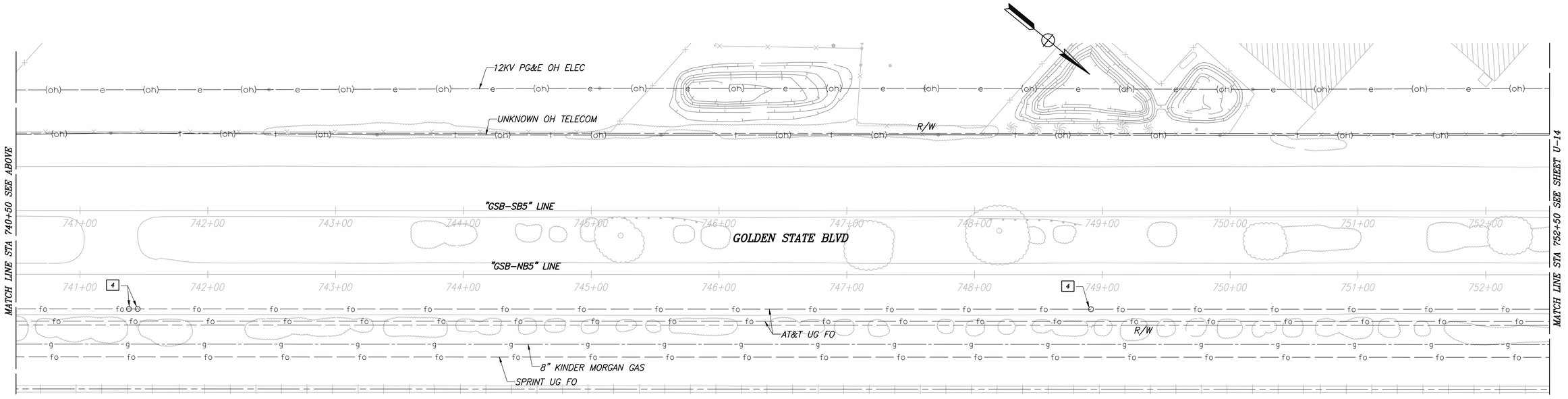


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-13 SHEET NO. 87 TOTAL 143

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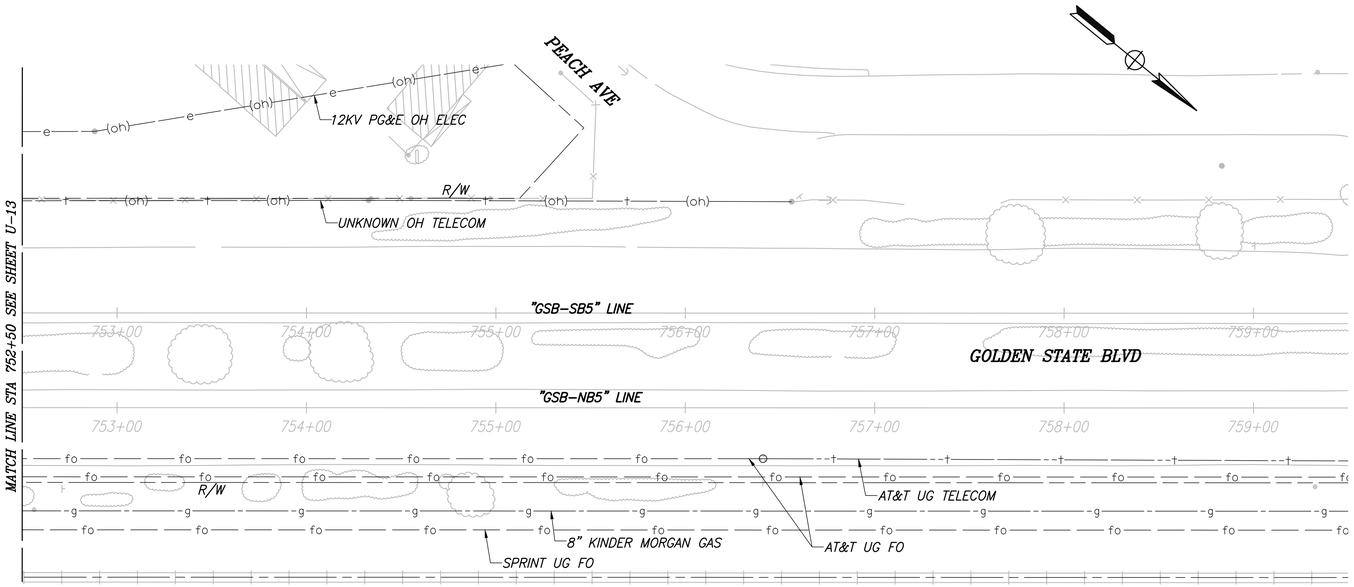

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-14 SHEET NO. 88 TOTAL 143

PLOT DATE:8/23/2022 9:59:47 AM CAD USER: DALAMEDA

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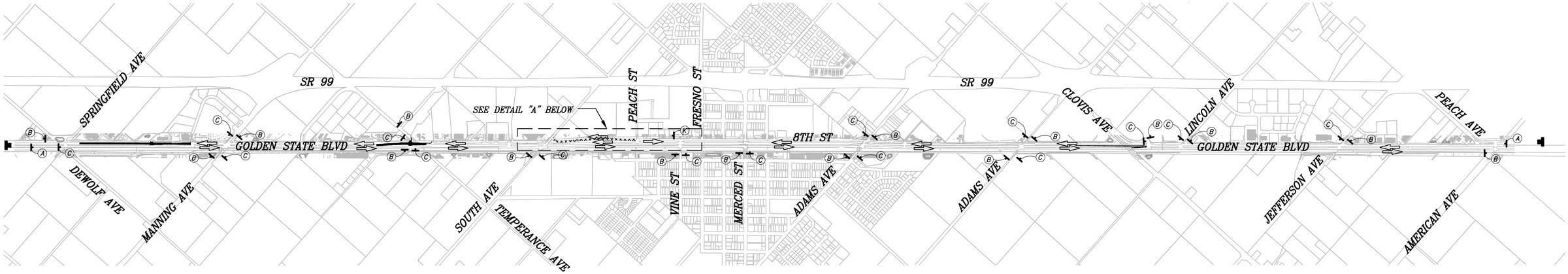
PLOT DATE:8/23/2022 9:59:57 AM CAD USER: NYANES

NOTES

1. LOCATIONS OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. ALL TRAFFIC CONTROL SHALL CONFORM WITH THE MOST RECENT 2015 CALTRANS STANDARD PLANS AND THE CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED TWO WEEKS PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS ADJACENT CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE REMOVING ACCESS.
6. CONTRACTOR TO PROVIDE A MINIMUM OF ONE-11' LANE, IN EACH DIRECTION, ACCESS ALONG GOLDEN STATE BOULEVARD AND 8TH STREET AT ALL TIMES.

LEGEND

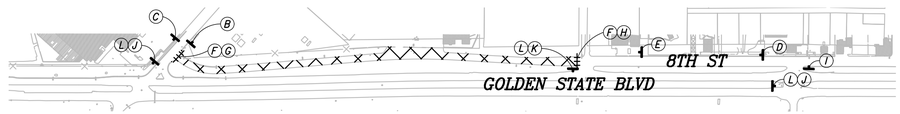
- RECONSTRUCT ROADWAY AREA
- TEMPORARY ROADWAY CLOSURE (LOCAL ACCESS ONLY)
- CONSTRUCTION AREA SIGN SINGLE POST
- TRAFFIC AREA DIRECTION
- CHANGEABLE MESSAGE SIGN (CMS)
- TYPE III BARRICADE



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	PANEL SIZE	SIGN MESSAGE	EACH [N]
(A)	G20-1	90"x48"	ROAD WORK NEXT 5.8 MILES	2
(B)	G20-2	36"x18"	END ROAD WORK	15
(C)	W20-1	36"x36"	ROAD WORK AHEAD	15
(D)	W20-3	36"x36"	ROAD CLOSED AHEAD	1
(E)	W20-2	36"x36"	DETOUR AHEAD	1
(F)	R11-4	60"x30"	ROAD CLOSED TO THRU TRAFFIC	2
(G)	M4-10(R)	48"x18"	DETOUR ARROW RIGHT	1
(H)	M4-10(L)	48"x18"	DETOUR ARROW LEFT	1
(I)	M4-8A	24"x18"	END DETOUR	1
(J)	M4-9	30"x24"	DETOUR WITH ARROW LEFT	2
(K)	M4-9	30"x24"	DETOUR WITH ARROW RIGHT	1
(L)	D3-1	30"x18"	8TH STREET	3
			TOTAL	45

[N] NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.



DETAIL "A"

PATH:I:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_CS-1_P1.dwg

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION AREA SIGNS

DRAWING NO. CS-1 SHEET NO. 89 TOTAL 143

NOTES

1. TRAFFIC CONTROL SHOWN ON PLANS, INCLUDING LOCATIONS OF CONSTRUCTION AREA SIGNS, ARE APPROXIMATE AND INTENDED TO BE UTILIZED FOR STAGING PURPOSES ONLY. ALL TRAFFIC CONTROL SHALL BE APPROVED BY CITY OF FOWLER AND COUNTY OF FRESNO PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION. ALL SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. ALL TRAFFIC CONTROL SHALL CONFORM WITH THE 2015 CALTRANS STANDARD PLANS AND THE CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONTRACTOR TO PROVIDE A MINIMUM OF ONE–11' LANE OF ACCESS IN EACH DIRECTION ALONG GOLDEN STATE BOULEVARD DURING CONSTRUCTION AT ALL TIMES.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS THAT ARE ADJACENT TO CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE IMPACTING ACCESS.
6. CONTRACTOR SHALL COORDINATE WITH UPRR DURING ALL STAGES OF CONSTRUCTION.

TRAFFIC STAGE 1

1. WORK NOT NECESSARY FOR STAGING OPERATION. CAN BE DONE AT ANY TIME AND IS NOT SHOWN.

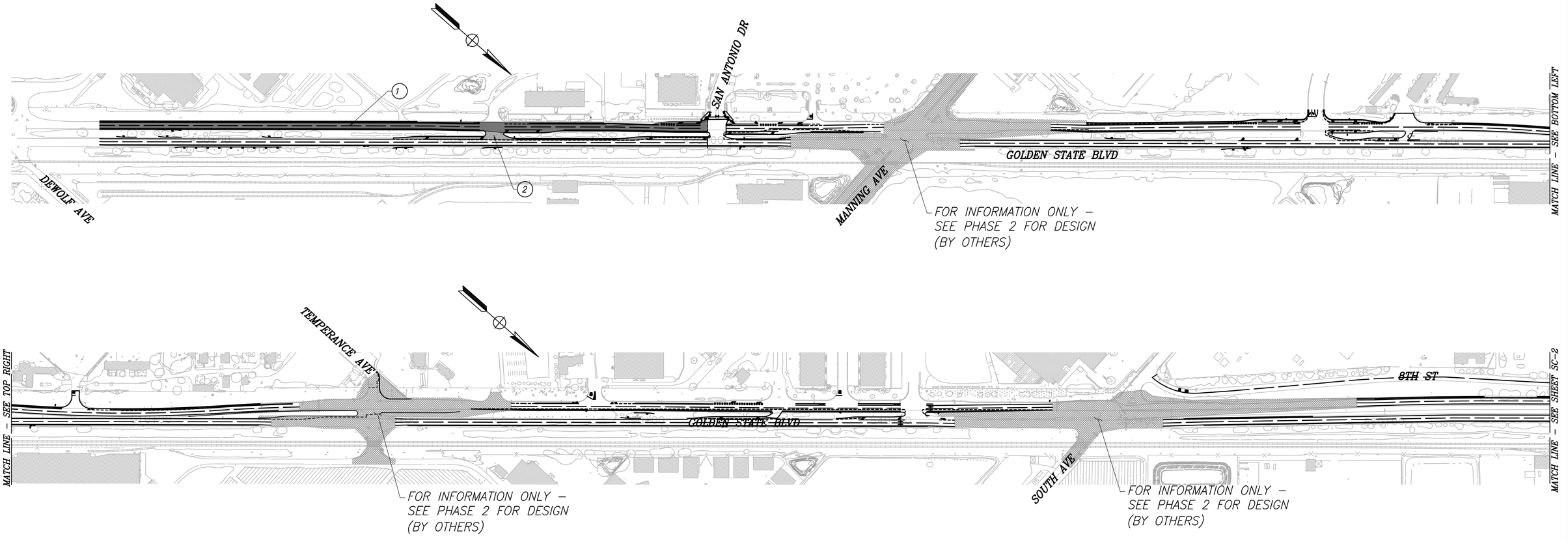
LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION THIS STAGE
- (#) CONSTRUCTION ITEM THIS STAGE
- FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CONSTRUCTION STAGE 1

(1) CONSTRUCT MEDIAN CONCRETE AND FDR ON SOUTHBOUND GOLDEN STATE BOULEVARD BETWEEN SOUTHERN PROJECT LIMITS AND SAN ANTONIO DRIVE. DO NOT CONSTRUCT FINAL LIFT OF HMA.

(2) CONSTRUCT CONVENTIONAL PAVEMENT SLIVER WIDENING BETWEEN SOUTHER PROJECT LIMITS AND MANNING AVENUE. DO NOT CONSTRUCT FINAL LIFT OF HMA.



PLOT DATE:8/23/2022 10:00:20 AM CAD USER: DALAMEDA

PATH:\Fresno COG-FR-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_SC1-SC2_P1.dwg

	DATE	RECORD DRAWING		DATE
DESIGNED: CYNTHIA HORNER	####	RESIDENT ENGINEER		
DRAWN: ERIK CHIN	####			
CHECKED: EDWARD PRIOLA	####			

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. MORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1906

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 1

DRAWING NO. SC-1 SHEET NO. 90 TOTAL 143

CAD USER: DALAMEDA
PLOT DATE:8/23/2022 10:00:31 AM
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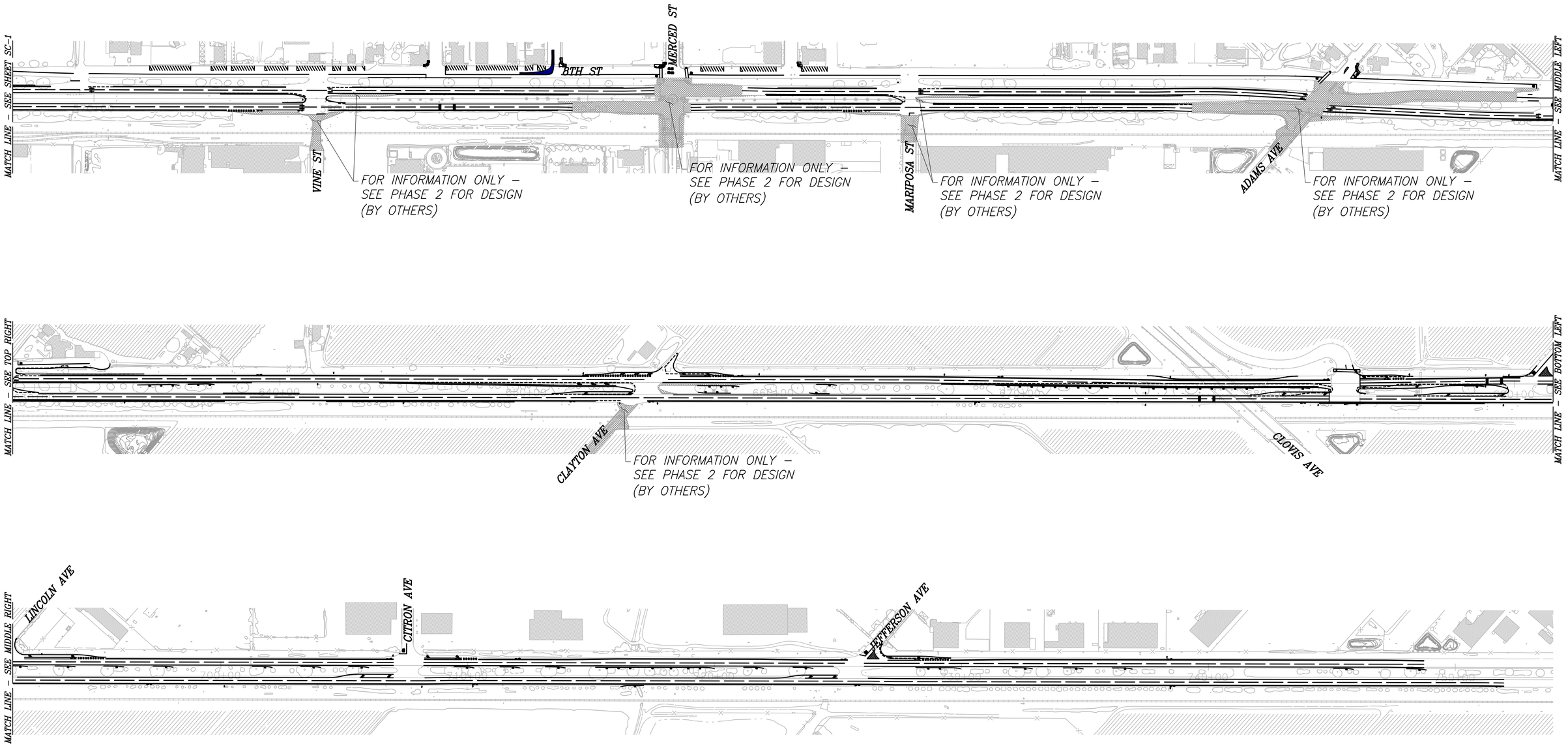


	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	####	RESIDENT ENGINEER	DATE
DRAWN: ERIK CHIN	####		
CHECKED: ED NORIEGA	####		

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR K. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 1

DRAWING NO. SC-2 SHEET NO. 91 TOTAL 143

PLOT DATE:8/23/2022 10:00:53 AM CAD USER: DALAMEDA

NOTES

1. TRAFFIC CONTROL SHOWN ON PLANS, INCLUDING LOCATIONS OF CONSTRUCTION AREA SIGNS, ARE APPROXIMATE AND INTENDED TO BE UTILIZED FOR STAGING PURPOSES ONLY. ALL TRAFFIC CONTROL SHALL BE APPROVED BY CITY OF FOWLER AND COUNTY OF FRESNO PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION. ALL SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. ALL TRAFFIC CONTROL SHALL CONFORM WITH THE 2015 CALTRANS STANDARD PLANS AND THE CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONTRACTOR TO PROVIDE A MINIMUM OF ONE–11' LANE OF ACCESS IN EACH DIRECTION ALONG GOLDEN STATE BOULEVARD DURING CONSTRUCTION AT ALL TIMES.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS THAT ARE ADJACENT TO CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE IMPACTING ACCESS.
6. CONTRACTOR SHALL COORDINATE WITH UPRR DURING ALL STAGES OF CONSTRUCTION.

TRAFFIC STAGE 2

1. WORK NOT NECESSARY FOR STAGING OPERATION CAN BE DONE AT ANY TIME AND IS NOT SHOWN.

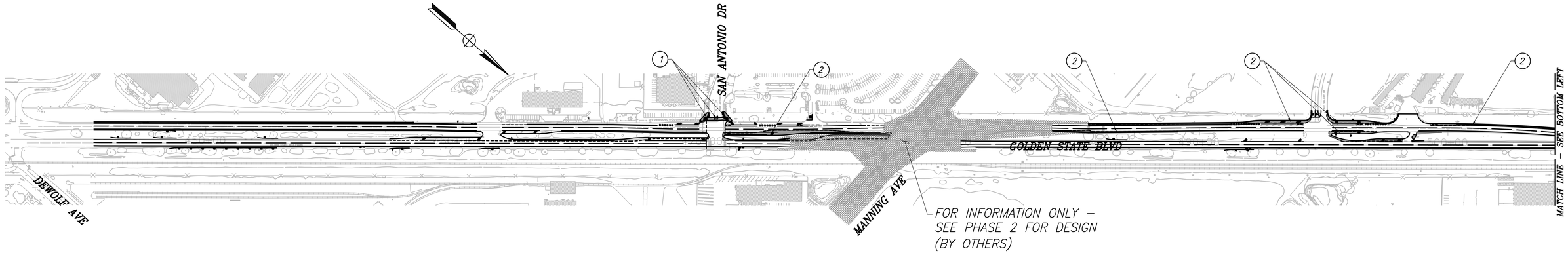
LEGEND

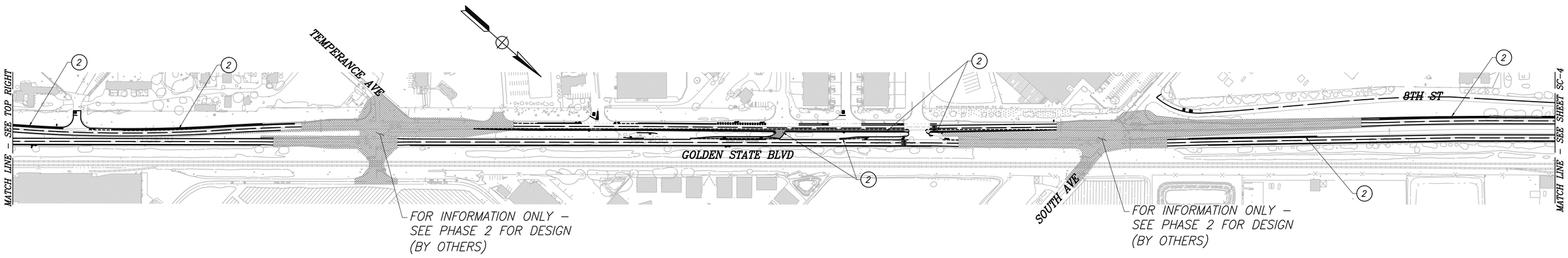
- CONSTRUCTION THIS STAGE
- (2) CONSTRUCTION ITEM THIS STAGE
- FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CONSTRUCTION STAGE 2

(1) CONSTRUCT CURB AND GUTTER, MEDIAN CURB, SIDEWALK, CURB RAMPS, CONCRETE, AND ADJACENT SHOULDER WORK AS SHOWN ON CD–SHEETS. DO NOT CONSTRUCT FINAL LIFT OF HMA.

(2) CONSTRUCT REMAINING LEFT TURN LANES, RIGHT TURN LANES, AND WIDENING AREAS. DO NOT CONSTRUCT FINAL LIFT OF HMA.





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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1906

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 2

DRAWING NO. SC-3 SHEET NO. 92 TOTAL 143

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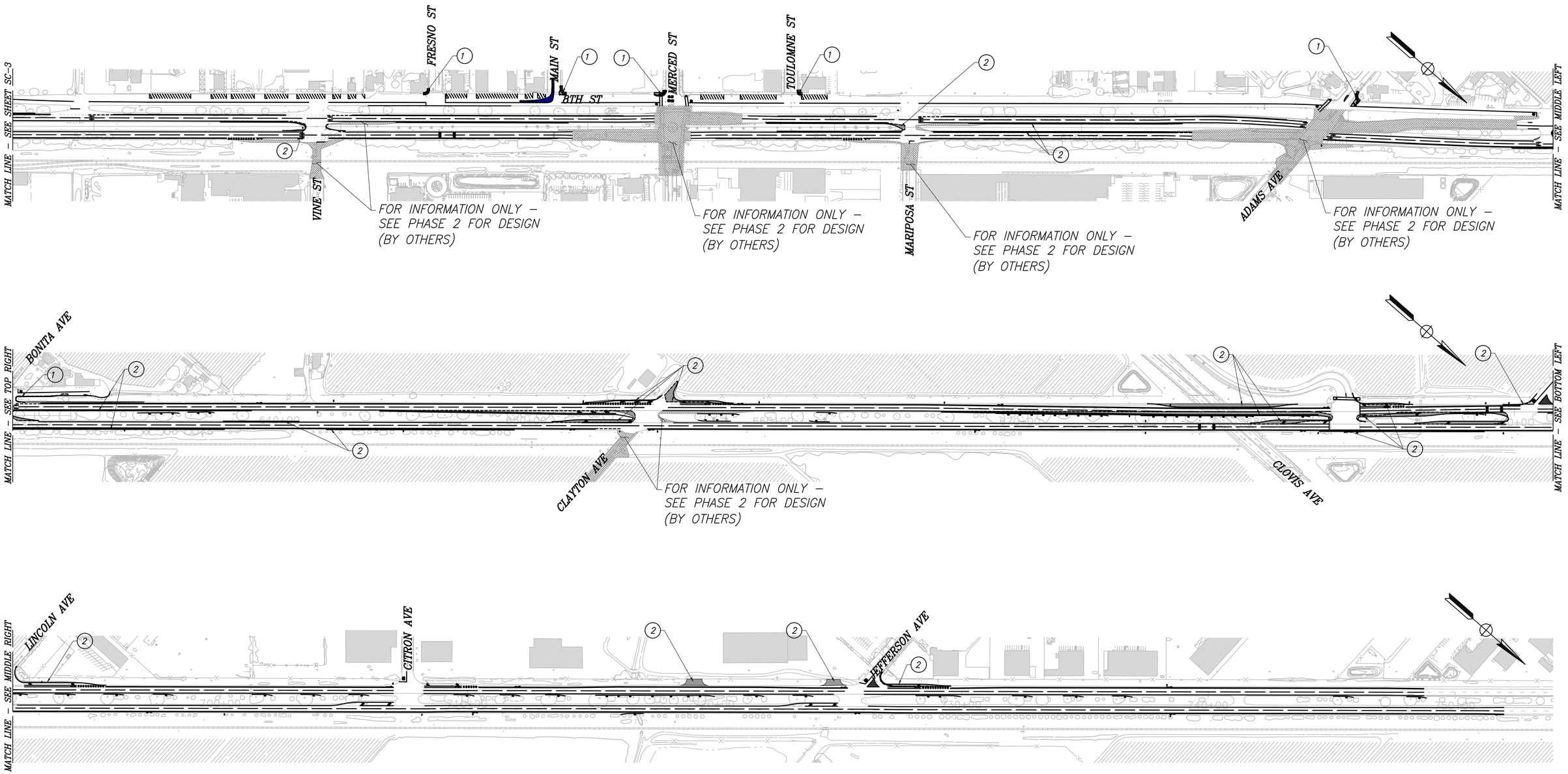

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DESIGNED: CYNTHIA HORNER	####	RESIDENT ENGINEER	DATE
DRAWN: ERIK CHIN	####		
CHECKED: ED NORIEGA	####		

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MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR R. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 2

DRAWING NO. SC-4 SHEET NO. 93 TOTAL 143

NOTES

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5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE IMPACTING ACCESS.
6. CONTRACTOR SHALL COORDINATE WITH UPRR DURING ALL STAGES OF CONSTRUCTION.

TRAFFIC STAGE 3

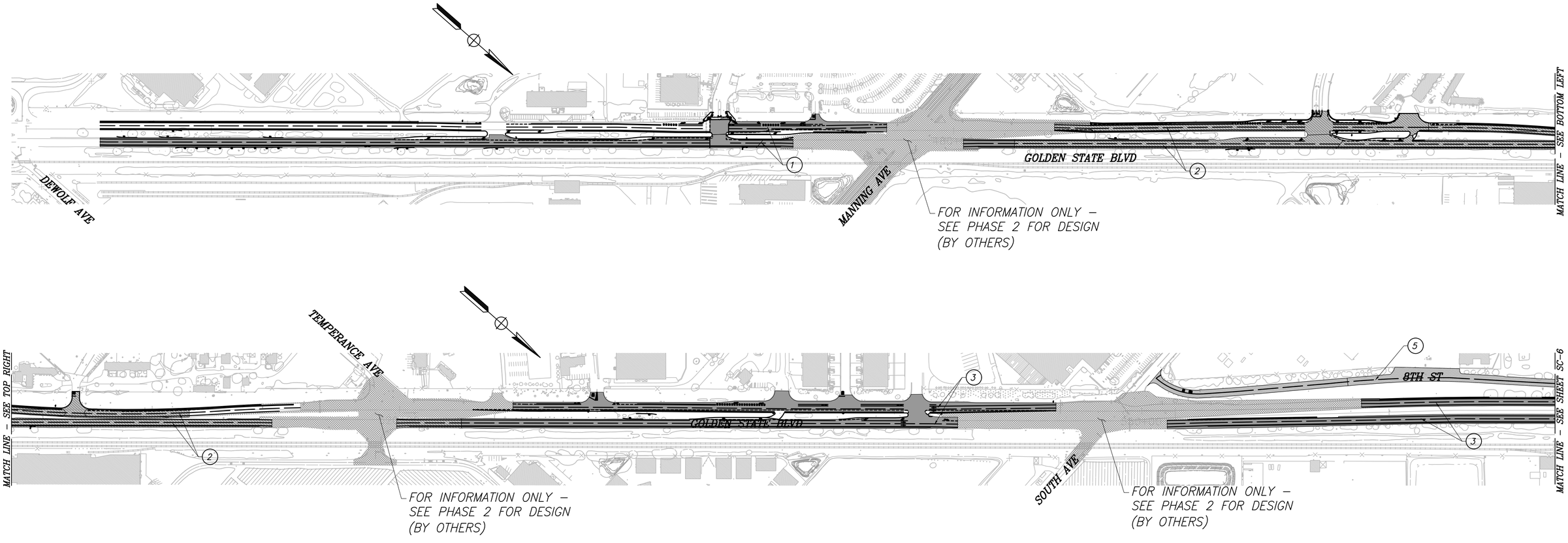
1. WORK NOT NECESSARY FOR STAGING OPERATION CAN BE DONE AT ANY TIME AND IS NOT SHOWN.

LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION THIS STAGE
- CONSTRUCTION THIS STAGE
- CONSTRUCTION THIS STAGE
- (#) CONSTRUCTION ITEM THIS STAGE
- FOR INFORMATION ONLY – SEE PHASE 2 FOR DESIGN (BY OTHERS)

CONSTRUCTION STAGE 3

1. CONSTRUCT CIR AND FINAL LIFT OF HMA FROM DEWOLF AVE TO SOUTH OF MANNING AVE.
2. CONSTRUCT CIR AND FINAL LIFT OF HMA FROM NORTH OF MANNING AVE TO SOUTH OF TEMPERANCE AVE.
3. CONSTRUCT CIR AND FINAL LIFT OF HMA FROM NORTH OF TEMPERANCE AVE TO MERCED ST.
4. CONSTRUCT CIR AND FINAL LIFT OF HMA FROM MERCED ST TO 900' NORTH OF ADAMS AVE.
5. CONSTRUCT GRIND/HMA OVERLAY IMPROVEMENTS ALONG 8TH STREET
6. CONSTRUCT CIR AND FINAL LIFT OF HMA FROM 900' NORTH OF VINE AVE TO 370' SOUTH OF CLOVIS AVE.
7. CONSTRUCT CIR AND FINAL LIFT OF HMA FROM 370' SOUTH OF CLOVIS AVE TO 850' SOUTH OF AMERICAN AVE.



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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1906

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 3

DRAWING NO. SC-5 SHEET NO. 94 TOTAL 143

PLOT DATE=8/23/2022 10:01:37 AM CAD USER: DALAMEDA

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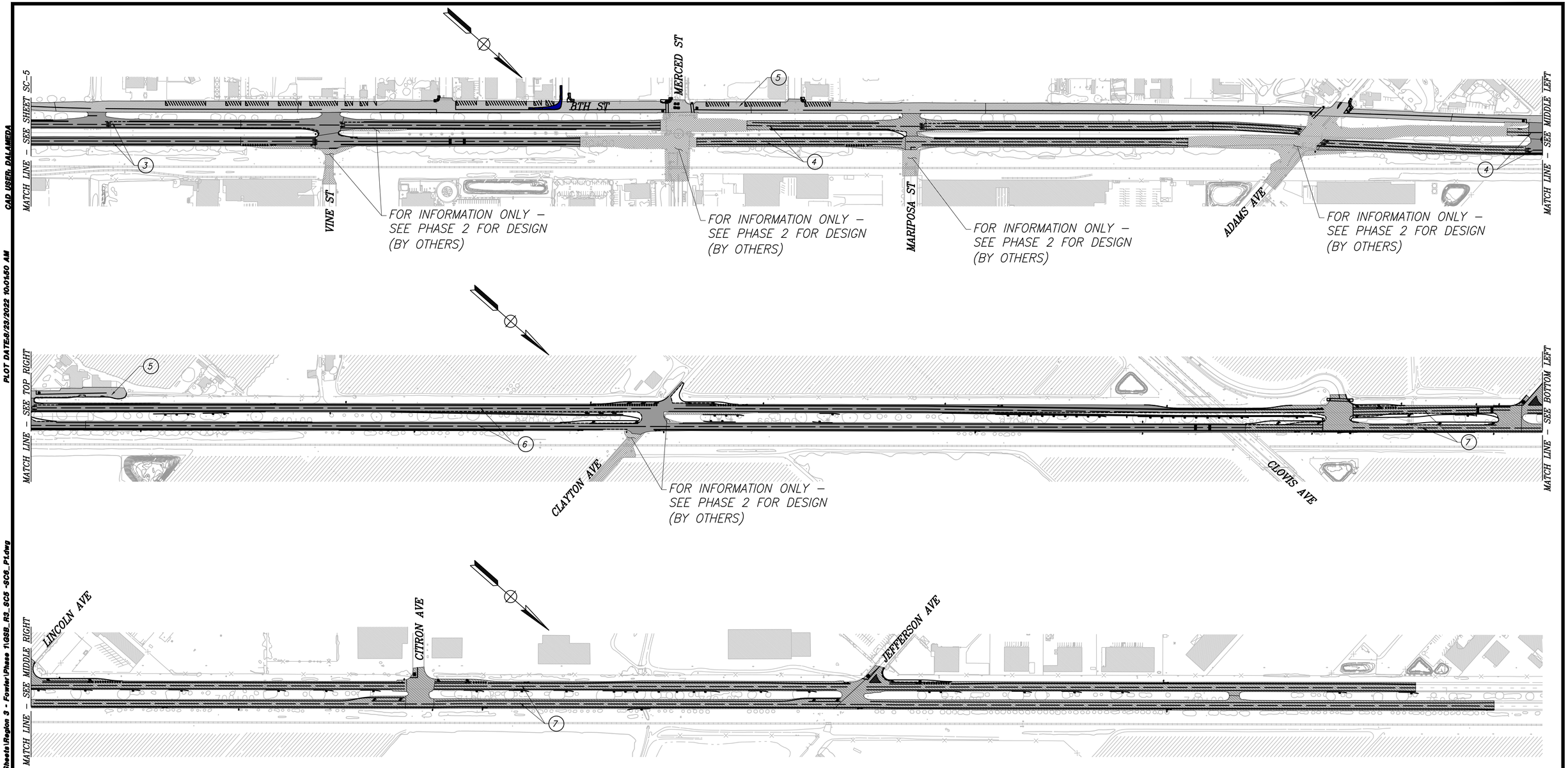

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	DATE	RECORD DRAWING	
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RECORDED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

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FOWLER REGION

CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 3

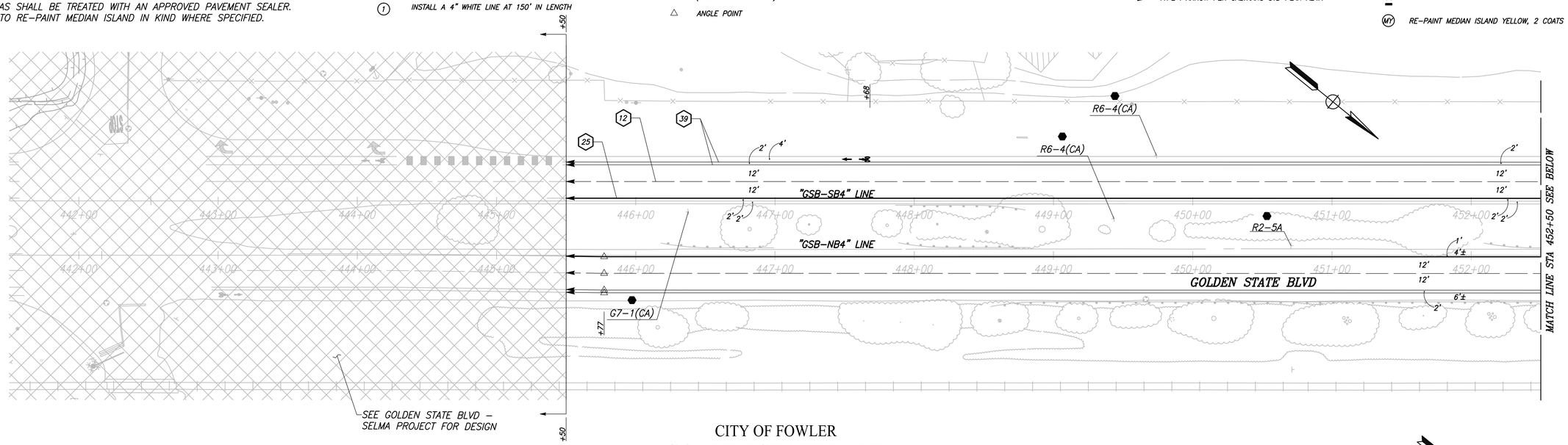
DRAWING NO. SC-6 SHEET NO. 95 TOTAL 143

NOTES

1. CONTRACTOR TO USE 2015 CALTRANS STD. PLANS FOR SIGNAGE AND STRIPING.
2. CROSSWALK TO BE 10' WIDE UNLESS OTHERWISE NOTED.
3. CITY OF FOWLER JURISDICTION: ALL PAVEMENT MARKINGS AND CROSS WALKS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL PAVEMENT STRIPING SHALL BE 2–COAT PAINT UNLESS OTHERWISE NOTED.
4. COUNTY OF FRESNO JURISDICTION: WITH THE EXCEPTION OF BIKE LANE SYMBOLS AND STRIPING DETAIL 39 SHALL BE 2–COAT PAINT. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
5. ALL EXISTING STRIPING AND MARKINGS THAT CONFLICT WITH PROPOSED STRIPING AND MARKINGS SHALL BE REMOVED BY GRINDING. ALL STRIPING AND MARKING REMOVAL AREAS SHALL BE TREATED WITH AN APPROVED PAVEMENT SEALER.
6. CONTRACTOR TO RE–PAINT MEDIAN ISLAND IN KIND WHERE SPECIFIED.

LEGEND

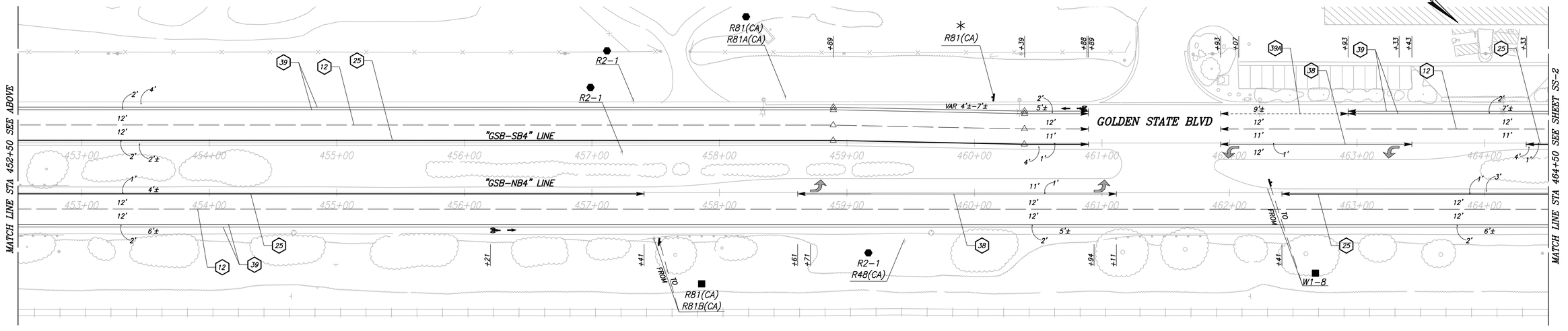
- (RR) 24" WIDE WHITE LIMIT LINE FOR RAILROAD CROSSING
- (LL) 12" WIDE WHITE LIMIT LINE
- (YL) YIELD LINE PER CALTRANS STD PLAN A24E
- (XW) CROSSWALK, WHITE UNLESS OTHERWISE STATED
- ⟨#⟩ DENOTES PROPOSED DETAIL NUMBER PER CALTRANS STD PLANS
- ⟨#⟩ DENOTES EXISTING DETAIL NUMBER PER CALTRANS STD PLANS
- (1) INSTALL A 4" WHITE LINE AT 150' IN LENGTH
- CHANGE IN TRAFFIC STRIPE
- SNS STREET NAME SIGN
- EXISTING SINGLE POST ROADSIDE SIGN
- PROPOSED SINGLE POST ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN SSBM
- /// REMOVE EXISTING STRIPING AND MARKING (HAZARDOUS MATERIAL)
- △ ANGLE POINT
- AHEAD "AHEAD" MARKING PER CALTRANS STD PLAN A24D
- SIGNAL "SIGNAL" MARKING PER CALTRANS STD PLAN A24D
- STOP "STOP" MARKING PER CALTRANS STD PLAN A24D
- KEEP "KEEP" MARKING PER CALTRANS STD PLAN A24E
- CLEAR "CLEAR" MARKING PER CALTRANS STD PLAN A24E
- YIELD "YIELD" MARKING PER CALTRANS STD PLAN A24D
- BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLAN A24C
- TYPE IV (L) ARROW PER CALTRANS STD PLAN A24B
- TYPE IV (R) ARROW PER CALTRANS STD PLAN A24B
- TYPE VI ARROW PER CALTRANS STD PLAN A24A
- TYPE VII ARROW PER CALTRANS STD PLAN A24A
- TYPE I ARROW PER CALTRANS STD PLAN A24A
- ▲ EXISTING SIGN TO BE SALVAGED AND REPLACED
- ⬟ EXISTING SIGN TO REMAIN
- ■ EXISTING SIGN TO BE RESET OR RELOCATED
- Ⓡ EXISTING SIGN TO BE REMOVED AND SALVAGED
- ✶ INSTALL ROADSIDE SIGN
- RAILROAD CROSSING SYMBOL PER CALTRANS STD PLAN A24B
- (MY) RE–PAINT MEDIAN ISLAND YELLOW, 2 COATS



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-1 SHEET NO. 96 TOTAL 143

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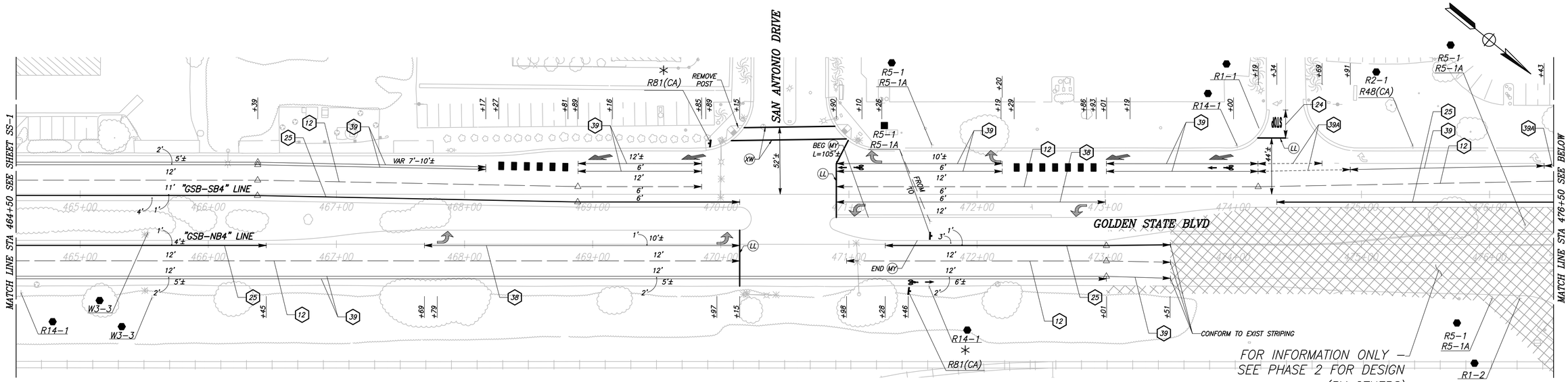
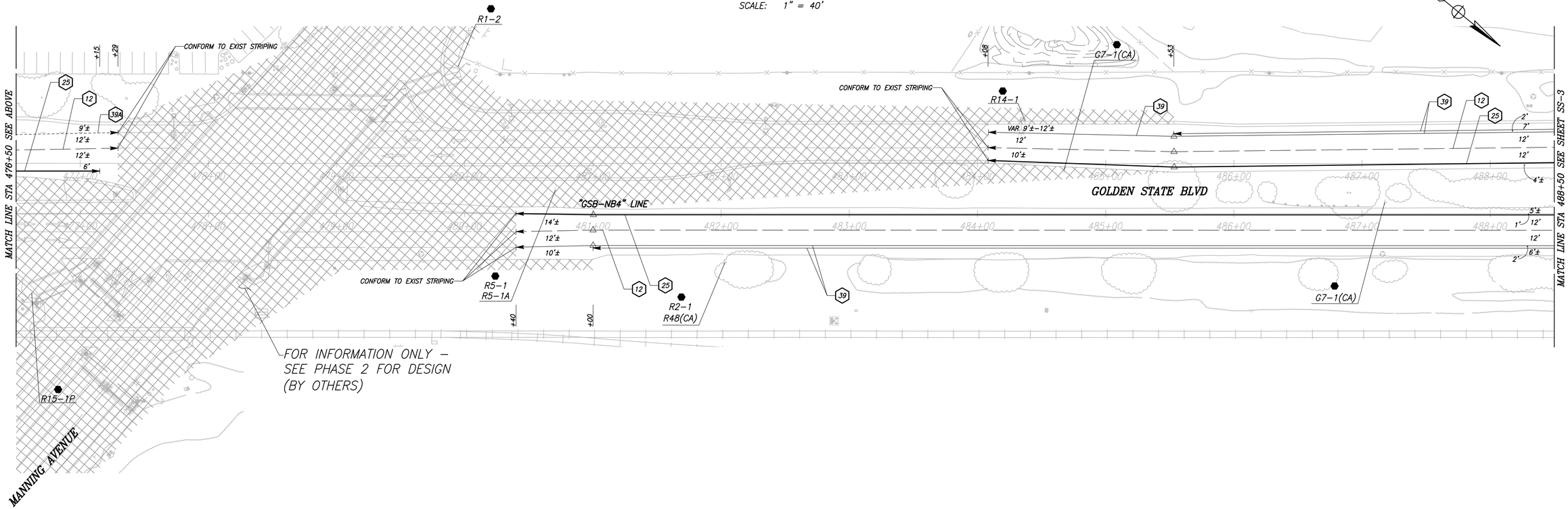


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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MARK THOMAS

SUPERVISING ENGINEER _____ DATE _____

REGISTERED PROFESSIONAL ENGINEER
EDGAR E. NORIEGA
No. 61555
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

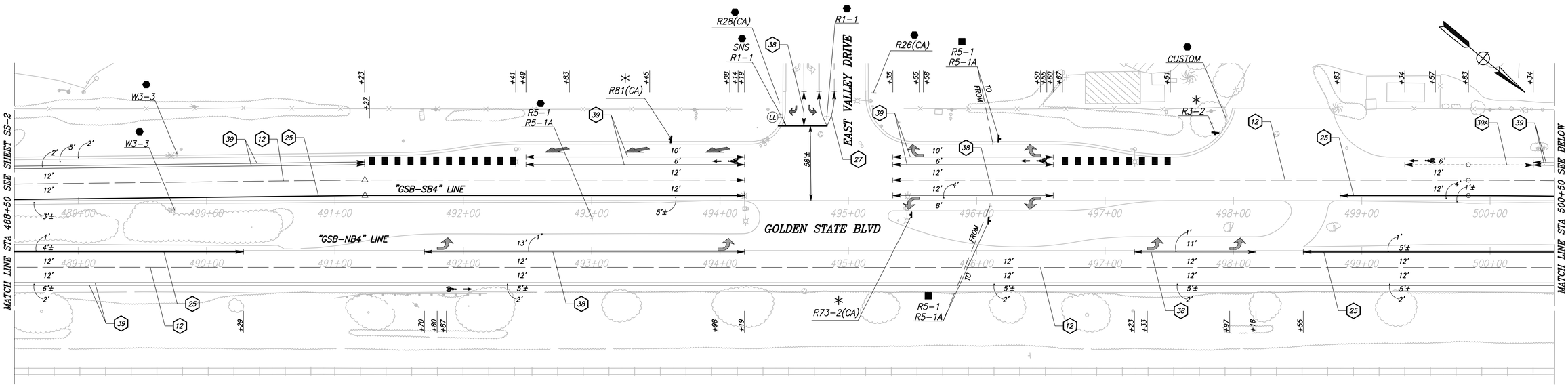
FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

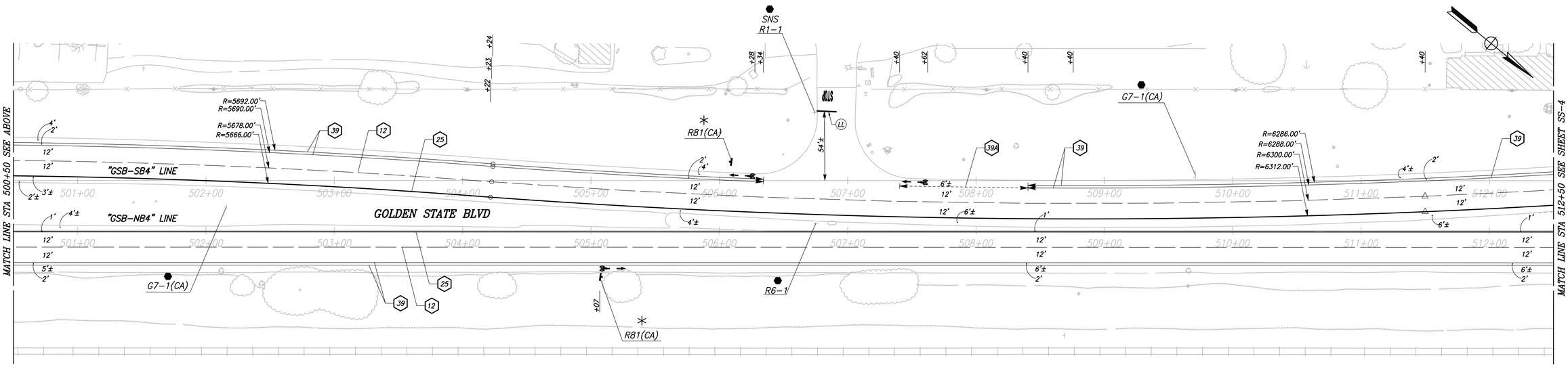
DRAWING NO. SS-2 SHEET NO. 97 TOTAL 143



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

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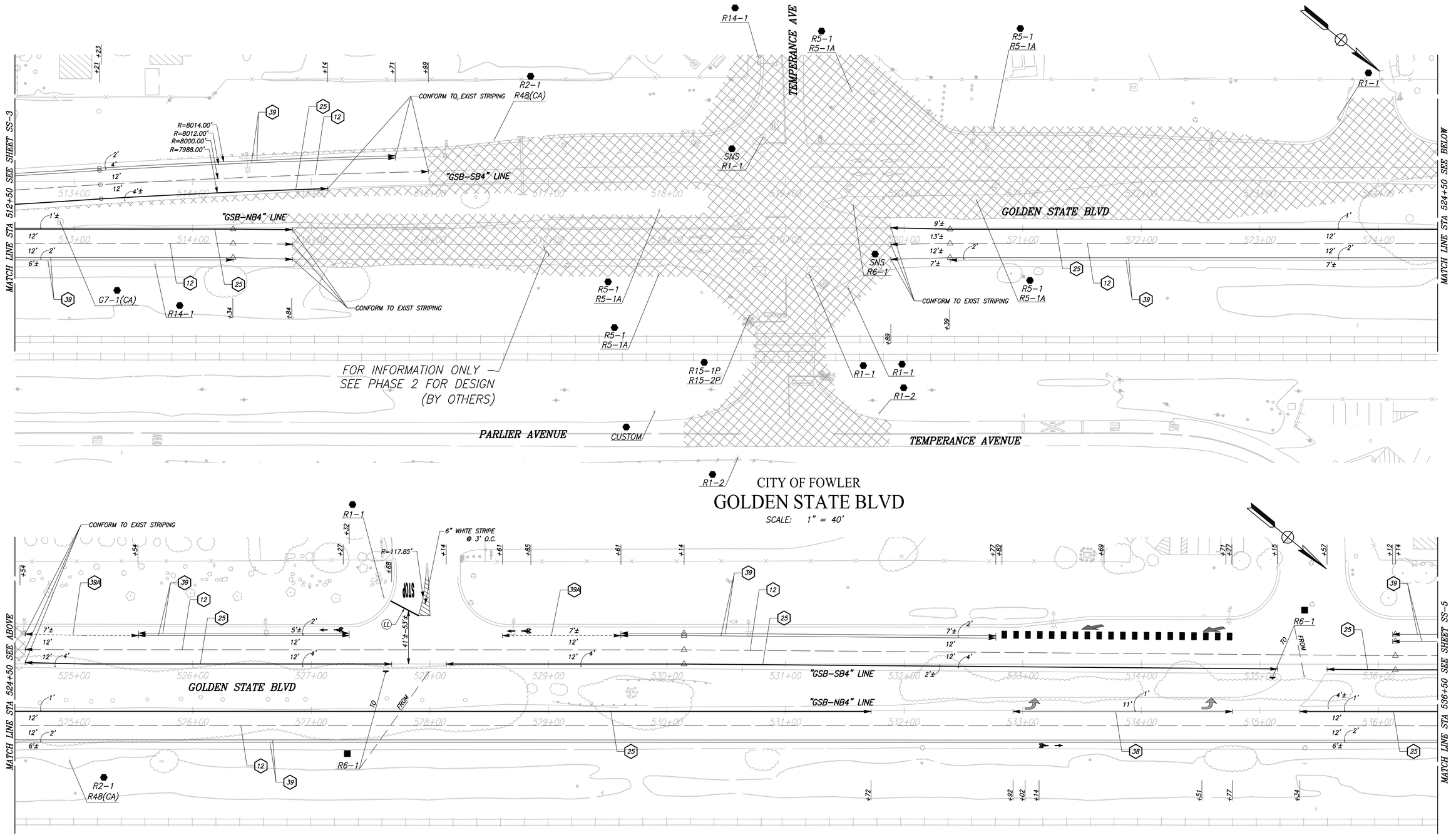

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

	DATE	RECORD DRAWING	
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PROJECT - PHASE 1

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FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-4 SHEET NO. 99 TOTAL 143

PLOT DATE:8/23/2022 10:03:01 AM CAD USER: DALAMEDA
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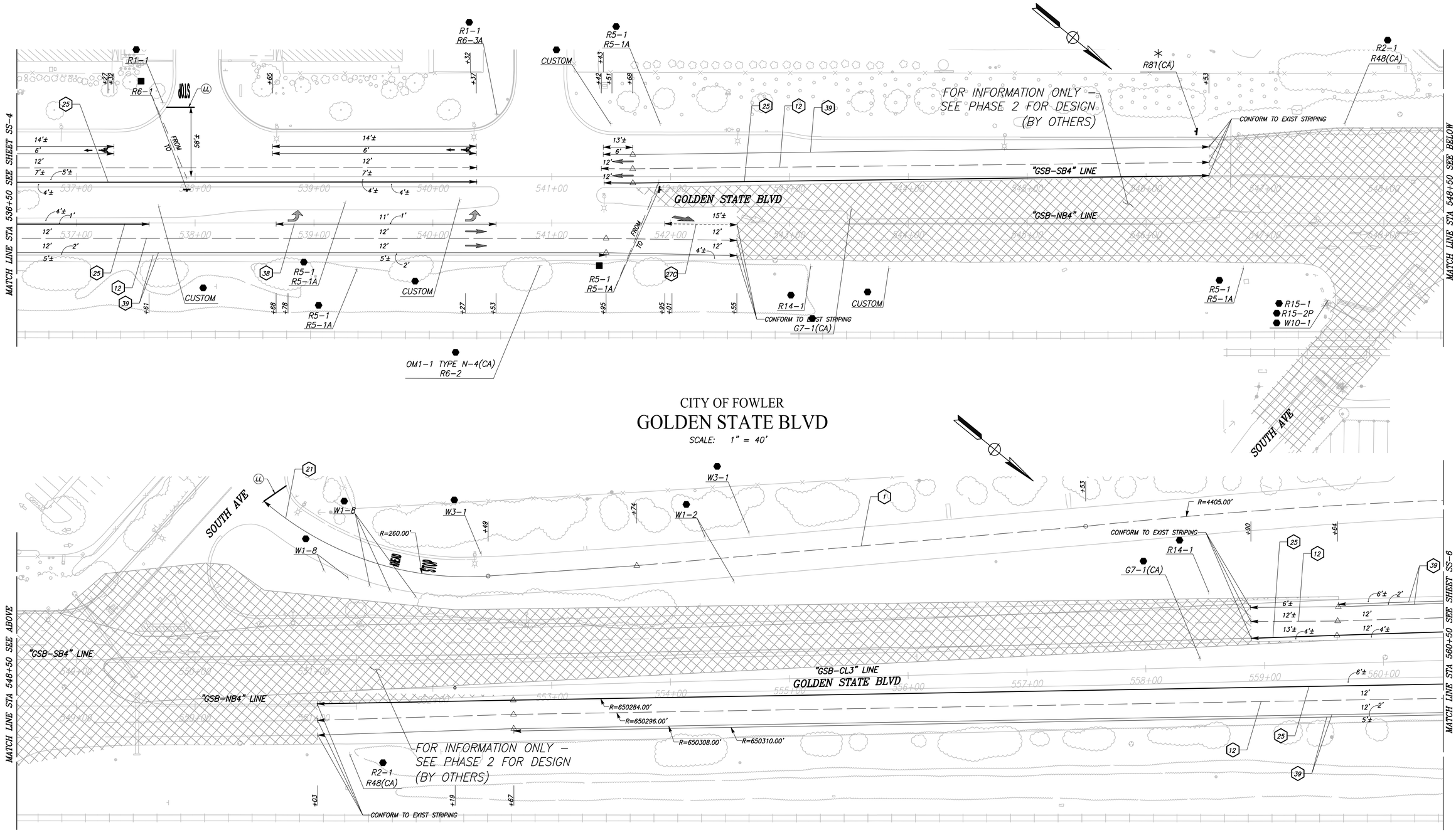

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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REGISTERED PROFESSIONAL ENGINEER — EDGAR E. NORIEGA — No. 81555 — EXP. 9/30/23 — CIVIL — STATE OF CALIFORNIA

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FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-5 SHEET NO. 100 TOTAL 143

PLOT DATE:8/23/2022 10:03:10 AM CAD USER: DALAMEDA
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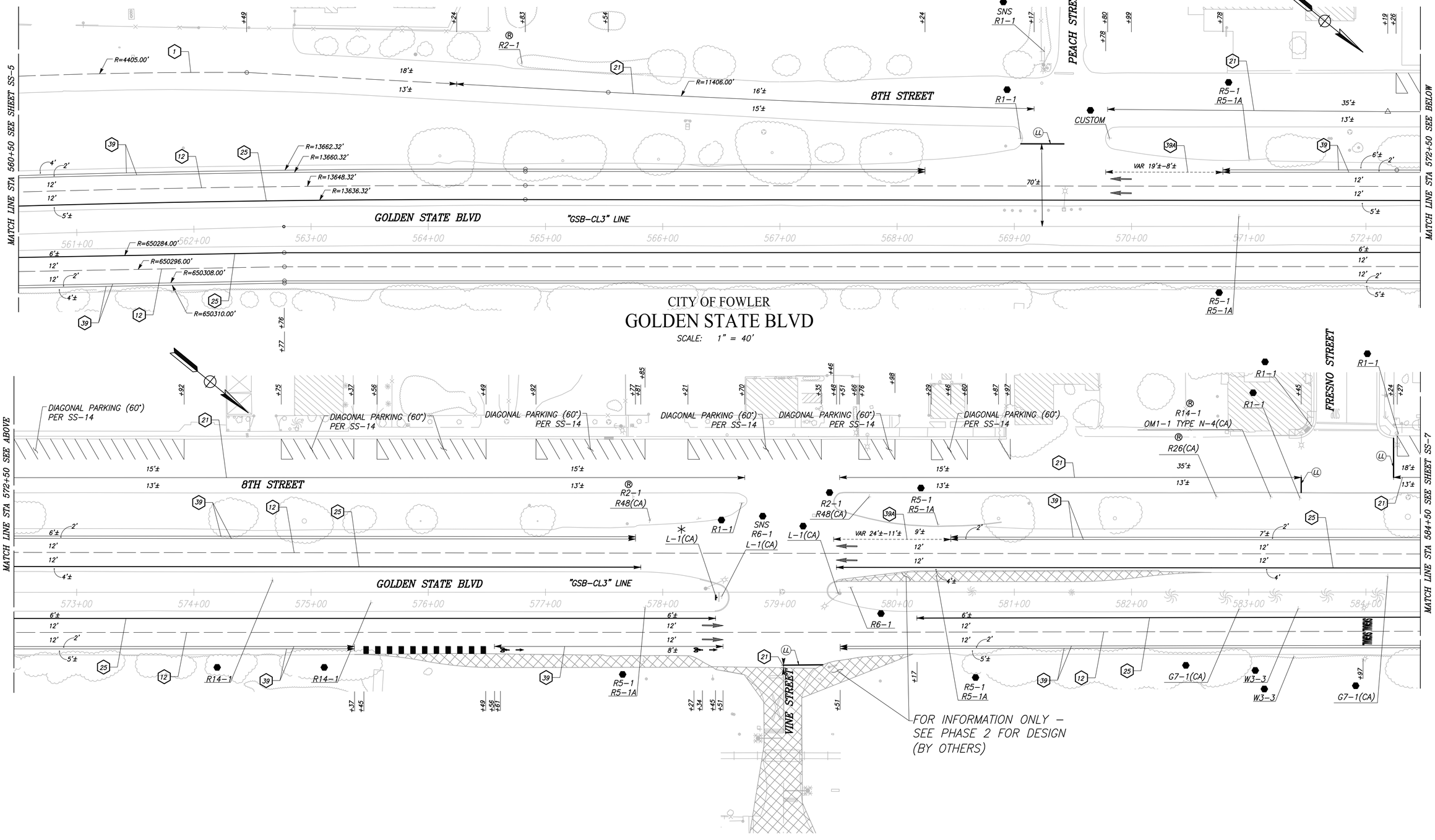

CITY OF FOWLER

GOLDEN STATE BLVD

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811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

PROFESSIONAL ENGINEER — REGISTERED — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-6 SHEET NO. 101 TOTAL 143

PLOT DATE:8/23/2022 10:03:19 AM CAD USER: DALAMEDA

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_SS1-SS7_P1.dwg

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

MATCH LINE STA 584+50 SEE SHEET SS-6

MATCH LINE STA 596+50 SEE BELOW

MATCH LINE STA 596+50 SEE ABOVE

MATCH LINE STA 608+50 SEE SHEET SS-8

MAIN STREET

8TH STREET

TUOLUMNE STREET

MERCED STREET

MARIPOSA STREET

"GSB-CL3" LINE

GOLDEN STATE BLVD

DIAGONAL PARKING (60°) PER SS-14

CONFORM TO EXIST STRIPING

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

R2-1(35MPH) R26(CA) "NO PARKING TRUCKS OVER 15 MINUTES"

R14-1 R26(CA) "NO PARKING TRUCKS OVER 15 MINUTES"

R2-1(35 MPH) R48(CA)

R2-1(50 MPH)

R3-2 G7-1(CA)

G7-1(CA)

SNS OM4-1 TYPE N-5(CA)

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-7 SHEET NO. 102 TOTAL 143

PLOT DATE:8/23/2022 10:03:46 AM CAD USER: DALAMEDA
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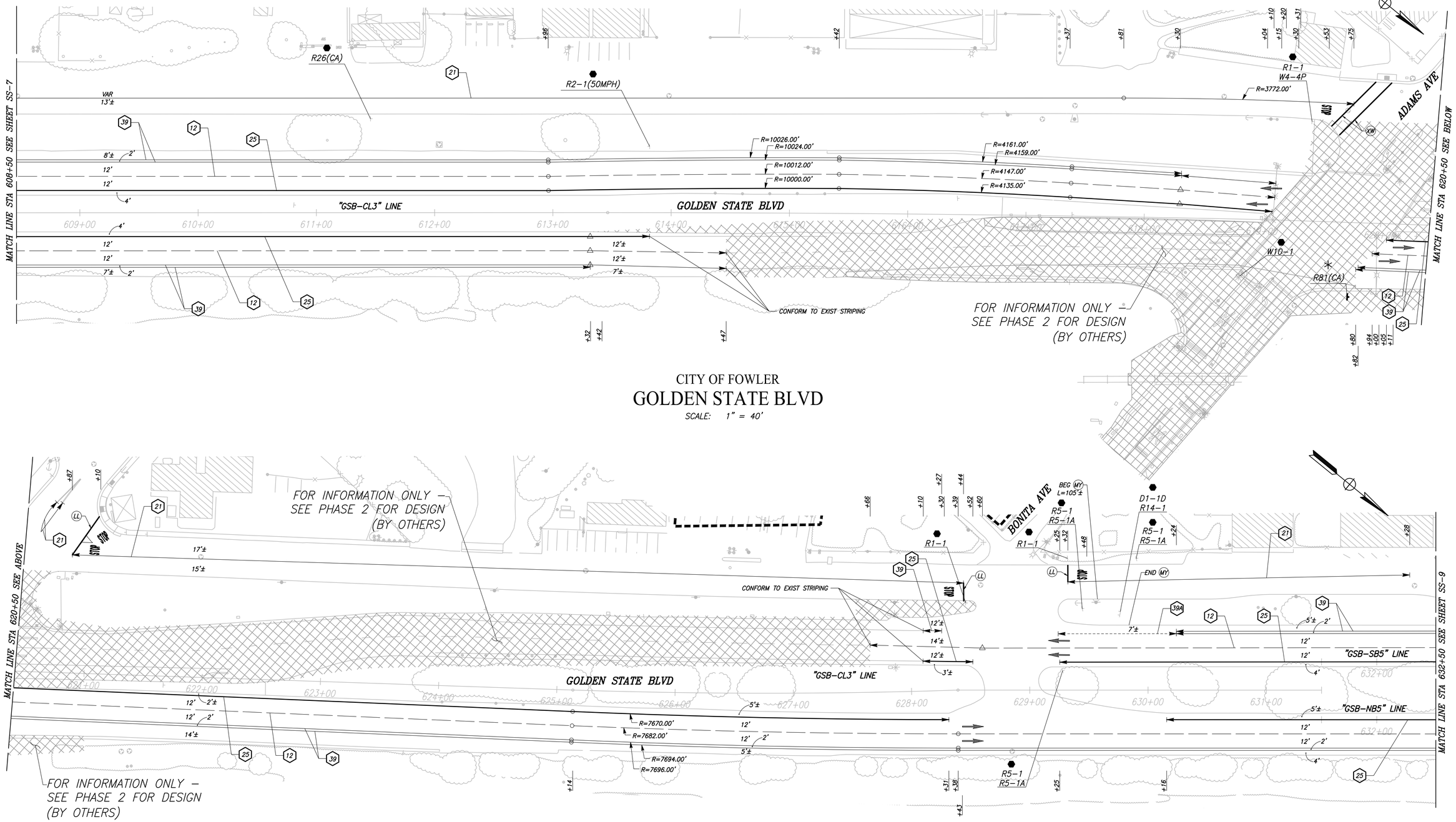


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'

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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 61555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

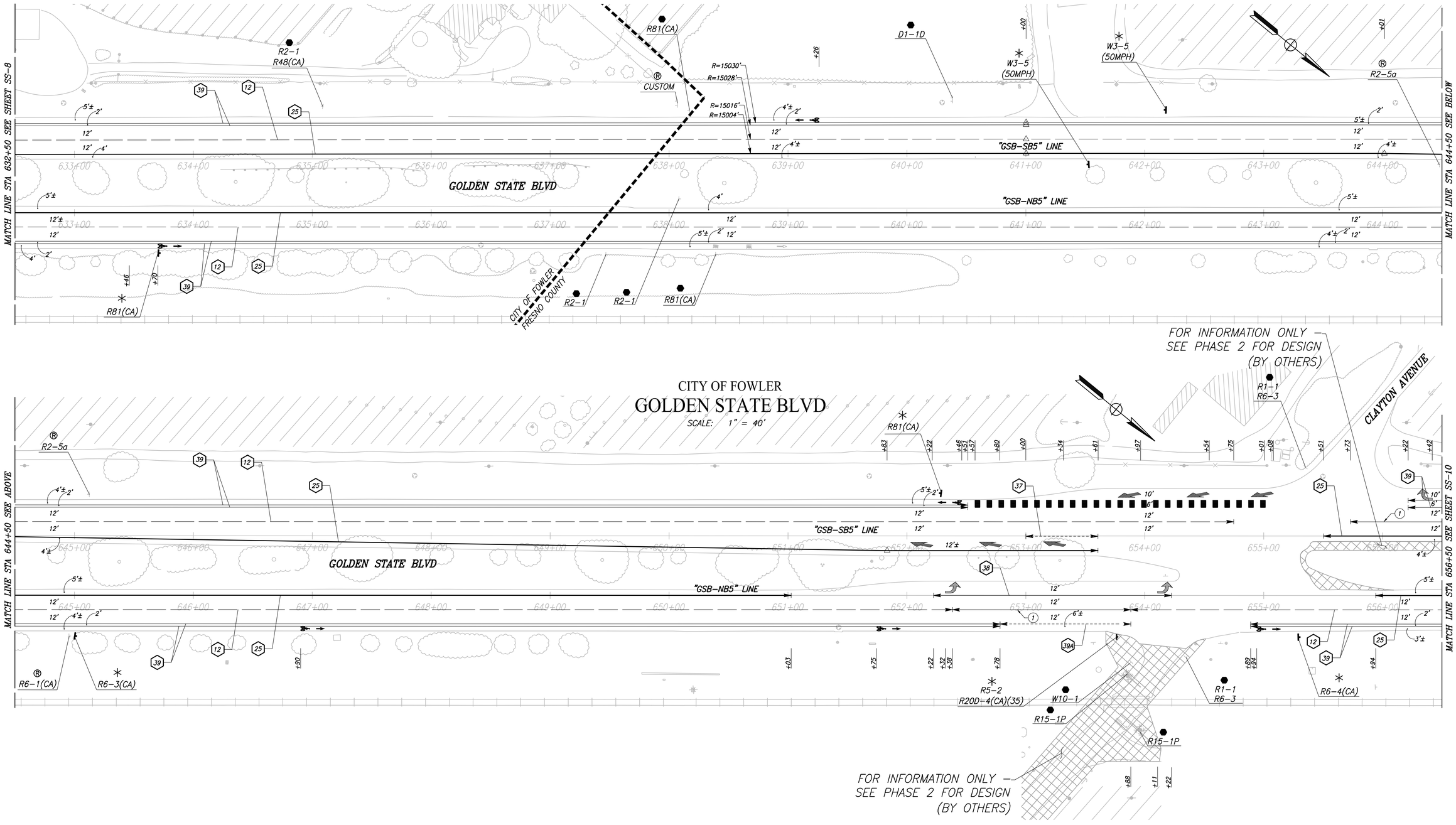
DRAWING NO. SS-8 SHEET NO. 103 TOTAL 143

PLOT DATE:8/23/2022 10:03:54 AM CAD USER: DALAMEDA
PATH:J:\Fresno COG-FM-1610\6-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_SS9-SS13_P1.dwg

CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-9 SHEET NO. 104 TOTAL 143

PLOT DATE:8/23/2022 10:04:02 AM CAD USER: DALAMEDA
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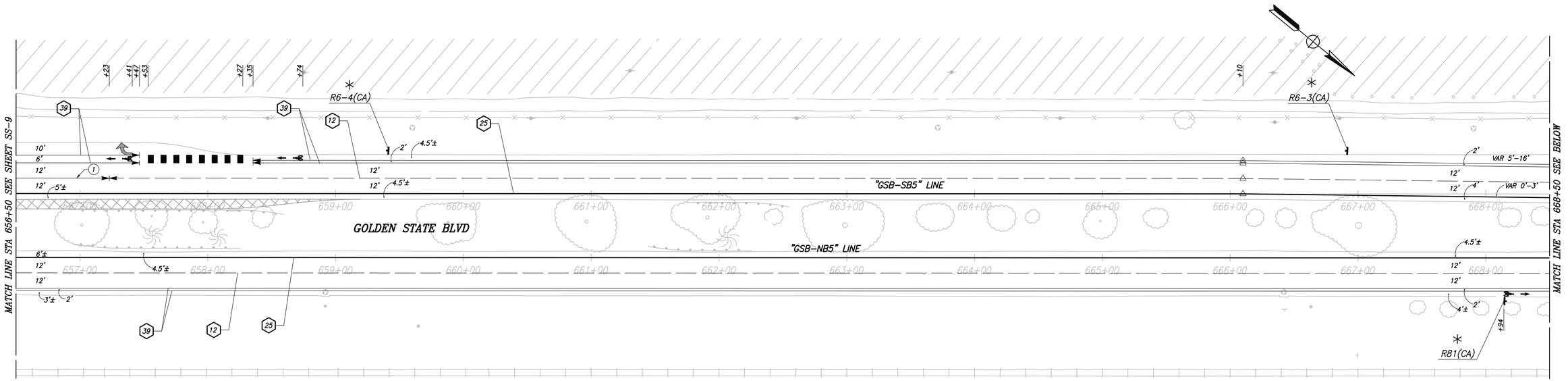
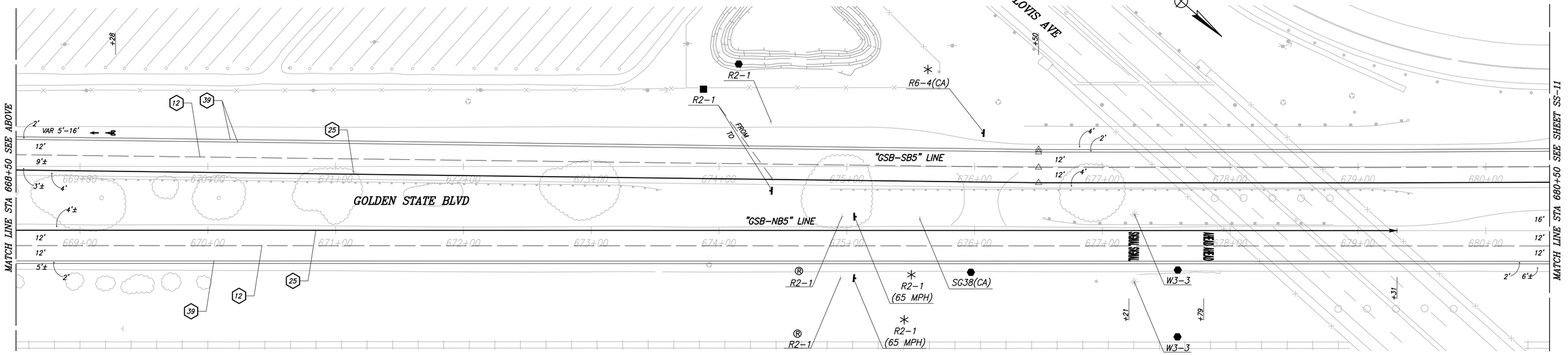


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER ____ DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR E. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER-CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-10 SHEET NO. 105 TOTAL 143

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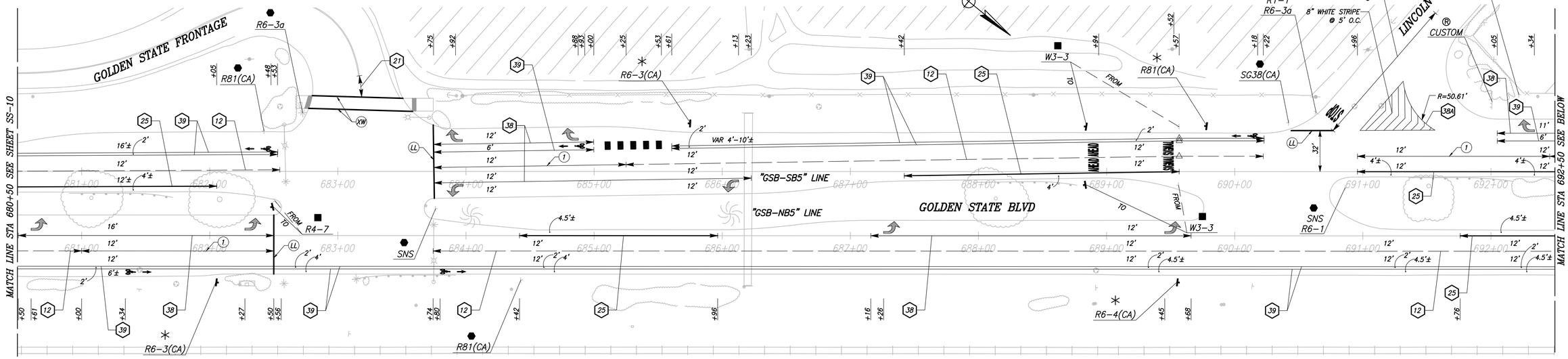
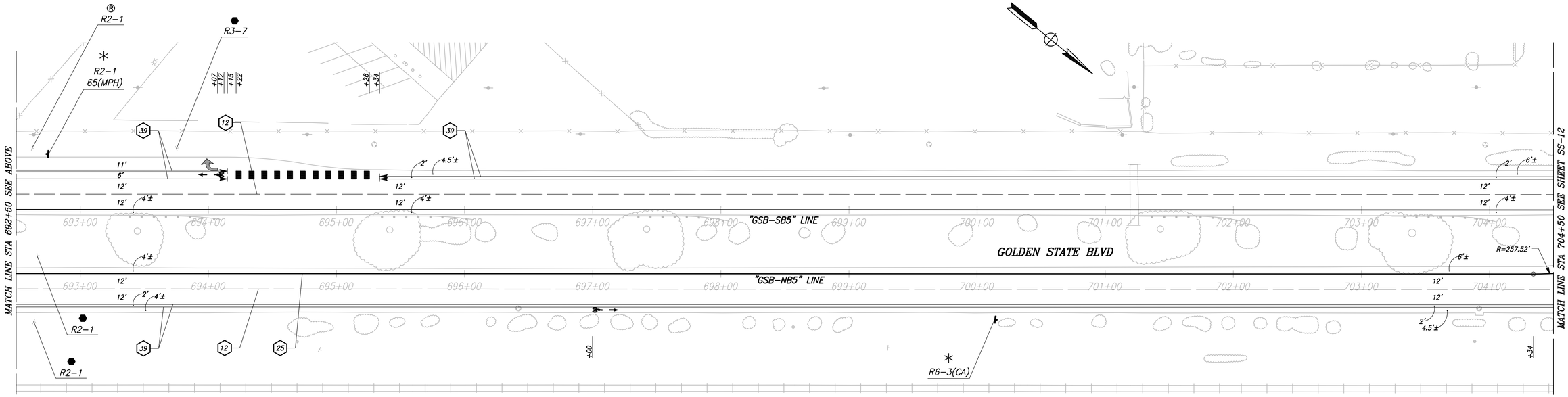


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 81555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER, CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-11 SHEET NO. 106 TOTAL 143

PATH:J:\Fresno COG-FW-19105-GSB Final Design\CADD\Sheets\Region 3 - Fowler\Phase 1\GSB_R3_SS8-SS13_P1.dwg

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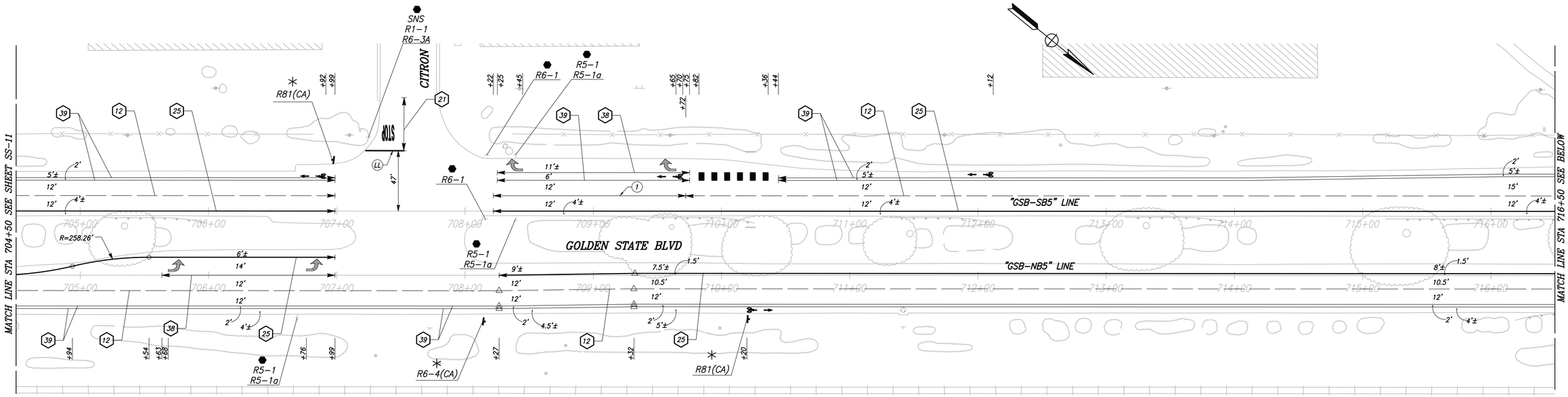
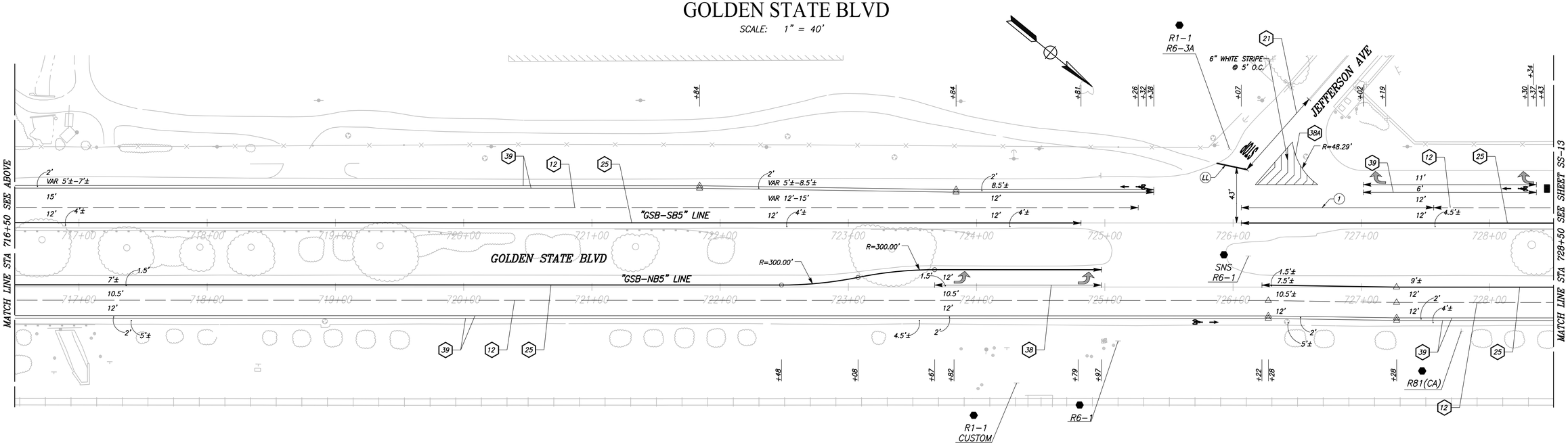


CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

811 CALL BEFORE YOU DIG

MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR R. NORIEGA — No. 81555 — Exp. 8/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

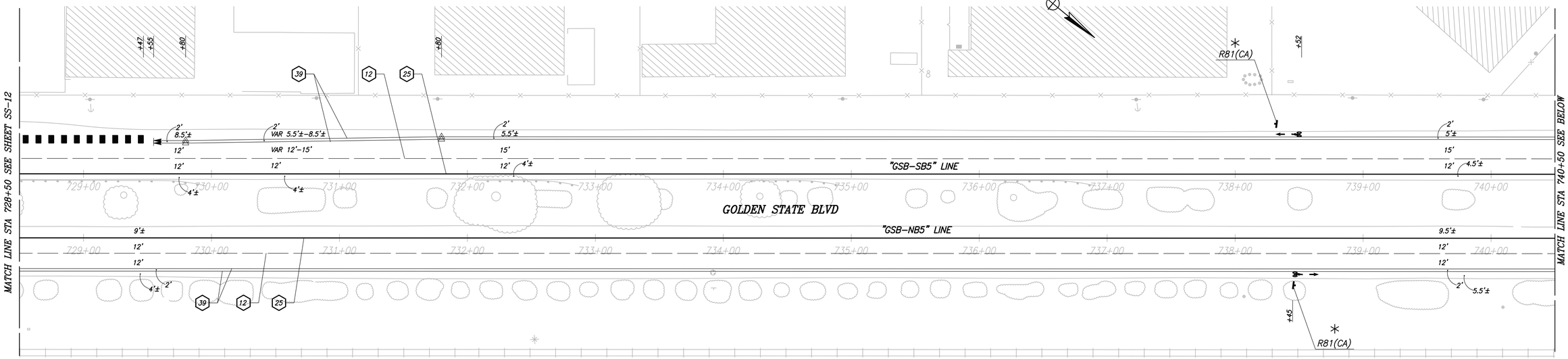
THE CITY OF FOWLER, CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-12 SHEET NO. 107 TOTAL 143

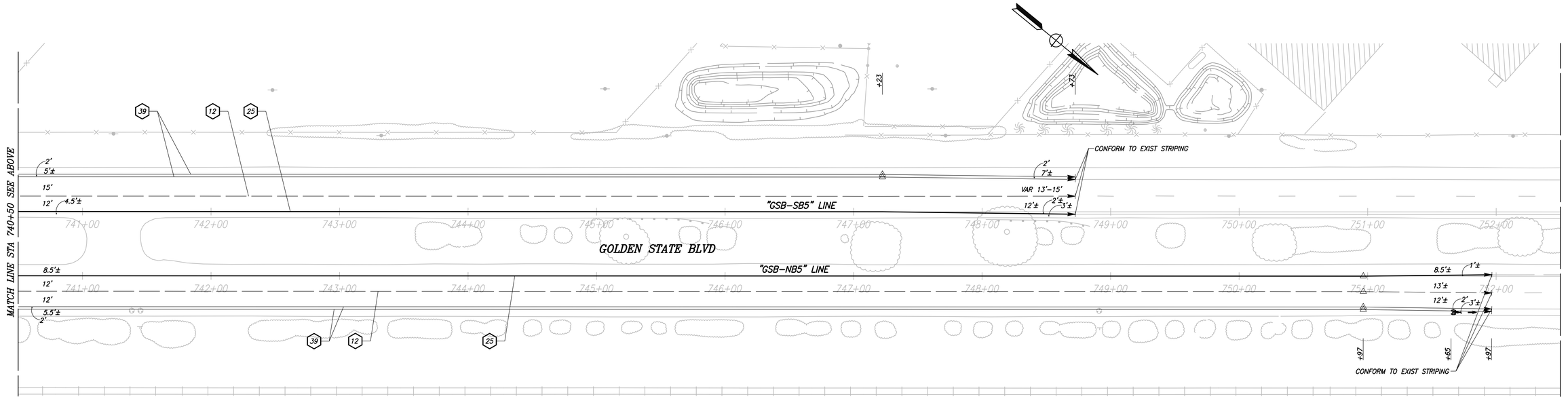
PLOT DATE:8/23/2022 10:04:25 AM CAD USER: DALAMEDA



CITY OF FOWLER

GOLDEN STATE BLVD

SCALE: 1" = 40'



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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NORIEGA No. 81555 Exp. 6/30/23 CIVIL STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-13 SHEET NO. 108 TOTAL 143

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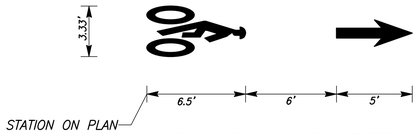
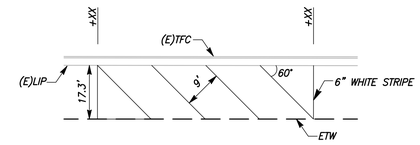


BIKE LANE MARKING DETAIL

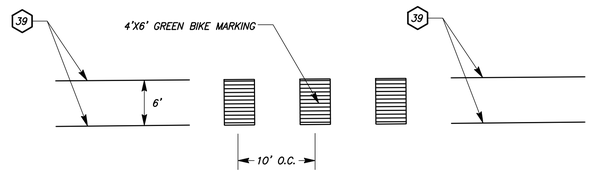
NTS

SEE CALTRANS STD PLANS A-24A AND A-24C
FOR PAVEMENT MARKING ARROW AND BIKE LANE SYMBOL



60° PARKING DETAIL

NTS



GREEN DASHED MARKINGS IN
MERGING AREAS DETAIL

SCALE: 1" = 10'

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

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

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MARK THOMAS

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — EDGAR A. NORIEGA — No. 61555 — Exp. 6/30/23 — CIVIL — STATE OF CALIFORNIA

PROJECT - PHASE 1

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER · CALIFORNIA · 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-14 SHEET NO. 109 TOTAL 143

PLOT DATE:8/23/2022 10:04:29 AM CAD USER: DALAMEDA

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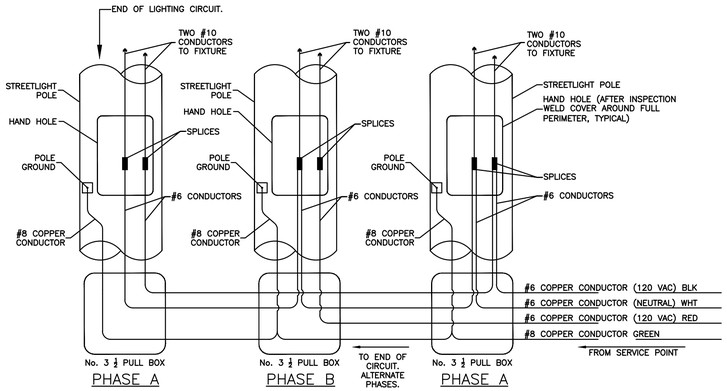
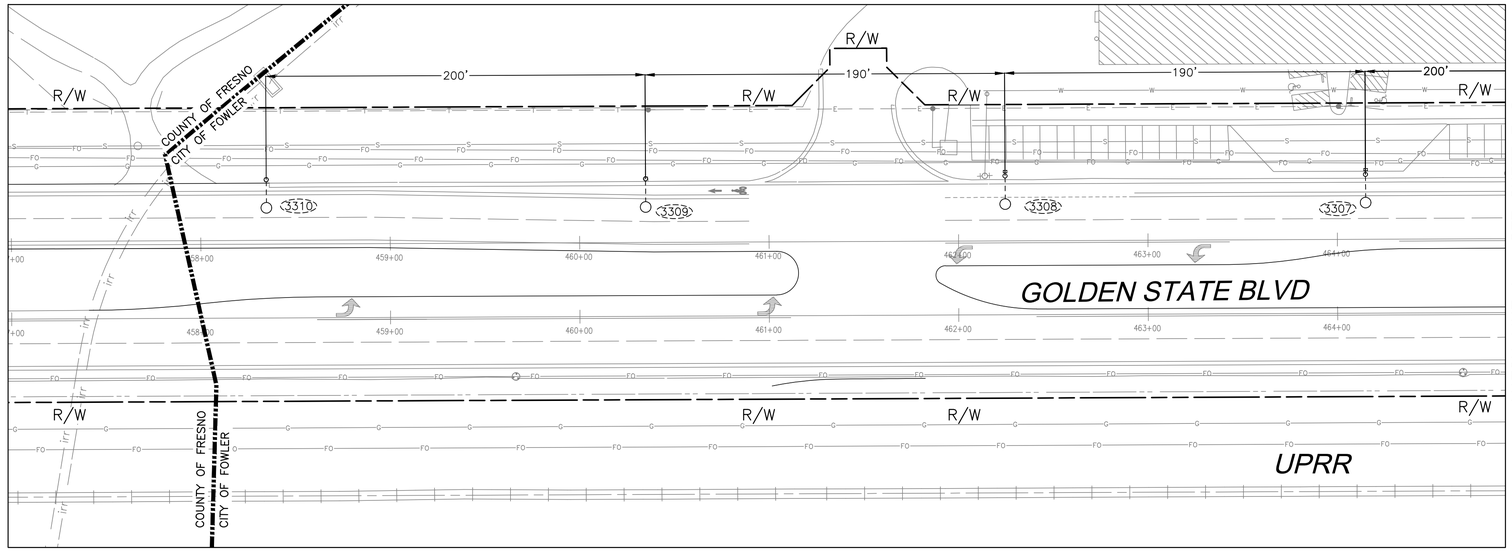
PLOT DATE: 8/23/2022 11:24:38 AM CAD USER: CSANCHEZ
PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Fowler\009-009 Golden State PS&E



NOTES:
1. WITH EXCEPTION OF BONDING JUMPERS, NO SPLICES WILL BE ALLOWED IN PULL BOXES.

STREETLIGHT - CONNECTION DIAGRAM (SHEETS E-1 THROUGH E-8 ONLY)



STREET LIGHTING LEGEND (SHEETS E-1 THROUGH E-8 ONLY):

- EXISTING CONDUIT
- INSTALL 1½" CONDUIT UNLESS OTHERWISE NOTED.
- EXISTING STREET LIGHT.
- EXISTING DUAL STREET LIGHT.
- FURNISH AND INSTALL STREET LIGHT WITH 15' LUMINAIRE MAST ARM PER CITY OF FRESNO STANDARD E-1. LUMINAIRE SHALL BE SELECTED FROM THE CITY OF FRESNO APPROVED LED STREET LIGHT FIXTURE LIST PER GENERAL NOTE 9. X IDENTIFIES CIRCUIT.
- FURNISH AND INSTALL STREET LIGHT WITH DUAL 15' LUMINAIRE MAST ARM PER CITY OF FRESNO STANDARD E-1. LUMINAIRE SHALL BE SELECTED FROM THE CITY OF FRESNO APPROVED LED STREET LIGHT FIXTURE LIST PER GENERAL NOTE 9. X IDENTIFIES CIRCUIT.
- FURNISH AND INSTALL ORNAMENTAL LIGHT (DUAL LUMINAIRE). STREET LIGHT SHALL BE AMERLUX SAN DIEGO SERIES AP1705-12-GRN-GFCI-TOP WITH BR08U CROSSARM 2BR08U-GRN AND DUAL UTILITY LED LUMINAIRE AP24 SERIES DUF4-AP24-PC-CL-AVI2-AS-30-700M-GRN. X IDENTIFIES CIRCUIT.
- EXISTING SAFETY LIGHT.
- NEW SAFETY LIGHT. SEE TRAFFIC SIGNAL PLANS.
- INSTALL 3½ PULL BOX UNLESS OTHERWISE NOTED.
- XXXX — CONTRACTOR SHALL PROVIDE AN AS-BUILT WITH THE PG&E STREET LIGHT NUMBER.
- XXXX — EXISITING CITY OWNED STREET LIGHT.
- XXXX — EXISTING PG&E OWNED STREET LIGHT.
- CB — INSTALL CONDUIT INTO EXISTING PULL BOX.
- AB — ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- RS — REMOVE AND SALVAGE.
- 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 ADJACENT GRADE.

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

0 40' 80'
SCALE: 1" = 40'

CONSTRUCTION NOTES (SHEETS E-1 THROUGH E-8 ONLY):

1. INSTALL 1½" C, 3 #6 LIGHTING, AND 1 #8 BOND.
2. INSTALL 1½" C, 2 #6 LIGHTING, AND 1 #8 BOND.
3. NOT A PART OF STREET LIGHTING. SAFETY LIGHT TO BE INSTALLED AS A PART OF THE TRAFFIC SIGNAL MODIFICATION PLAN AT GOLDEN STATE BOULEVARD AND SAN ANTONIO DRIVE.
4. NOT A PART OF STREET LIGHTING. SAFETY LIGHT TO BE INSTALLED AS A PART OF THE TRAFFIC SIGNAL MODIFICATION PLAN AT GOLDEN STATE BOULEVARD AND MANNING AVENUE WITH PHASE 2.
5. INSTALL 1½" C, 6 #6 LIGHTING, AND 1 #8 BOND.
6. INSTALL NEW TYPE III-AF SERVICE CABINET. CONTRACTOR SHALL COORDINATE WITH PG&E FOR POINT OF SERVICE CONNECTION AND SET METER.
7. INSTALL 2" C, 3 #2 (SERVICE).
8. PROPOSED PG&E POINT OF SERVICE (No. 2 PULL BOX).
9. INSTALL 3" C FOR TYPE H PG&E SERVICE.
10. EXISTING PG&E SERVICE POLE 120/240 V, TYPE B SERVICE. CONTRACTOR TO COORDINATE WITH PG&E TO REMOVE EXISTING TYPE B SERVICE AND INSTALL TYPE H SERVICE.
11. RS LIGHT, WOOD POLE AND OVERHEAD SERVICE WIRE. CONTRACTOR TO COORDINATE WITH PG&E FOR SERVICE DISCONNECT.
12. FOR INFORMATION ONLY. EQUIPMENT TO BE INSTALLED WITH PHASE 2.
13. EXISTING SERVICE PEDESTAL FOR THE GOLDEN STATE BOULEVARD AT MERCED STREET TRAFFIC SIGNAL.
14. EXISTING 2" c, INSTALL 12 #6 LIGHTING AND 1 #8 BOND.
15. INSTALL 2" C, 6 #6 LIGHTING, AND 1 #8 BOND.
16. EXISTING 6" c, INSTALL 6 #6 LIGHTING AND 1 #8 BOND.
17. EXISTING 3" c, INSTALL 6 #6 LIGHTING AND 1 #8 BOND.
18. NOT A PART OF STREET LIGHTING. SAFETY LIGHT TO BE INSTALLED AS A PART OF THE TRAFFIC SIGNAL MODIFICATION PLAN AT GOLDEN STATE BOULEVARD AND MERCED STREET WITH PHASE 2.
19. NOT A PART OF STREET LIGHTING. SAFETY LIGHT TO BE INSTALLED AS A PART OF THE TRAFFIC SIGNAL MODIFICATION PLAN AT GOLDEN STATE BOULEVARD AND ADAMS AVENUE WITH PHASE 2.
20. EXISTING SERVICE PEDESTAL FOR THE GOLDEN STATE BOULEVARD AT ADAMS AVENUE TRAFFIC SIGNAL.

CONSTRUCTION NOTES CONT. (SHEETS E-1 THROUGH E-8 ONLY):

21. INSTALL 3" C, 6 #6 LIGHTING, AND 1 #8 BOND.
22. INSTALL 4" C, 6 #6 LIGHTING, AND 1 #8 BOND.
23. EXISTING 3" c, 3 #6 LIGHTING, AND 1 #8 BOND.
24. INSTALL 3" C, 3 #6 LIGHTING, AND 1 #8 BOND.
25. PULL BOX SHALL BE PLACED TO AVOID ANY CONFLICTS WITH THE FUTURE TRAFFIC SIGNAL POLE BEING INSTALLED WITH PHASE 2. THE PULL BOX WILL BE USED TO SERVE THE FUTURE POLE.

GENERAL NOTES (SHEETS E-1 THROUGH E-8 ONLY):

1. ALL WORK SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CALIFORNIA "STANDARD SPECIFICATIONS", ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, THE NATIONAL ELECTRICAL CODE, AND THESE SPECIAL PROVISIONS:
2. LUMINARIE SHALL BE COBRA HEAD TYPE, 120V LIGHT EMITTING DIODE (LED) WITH QUICK ACTING PHOTOELECTRIC CELL AND SHALL BE SELECTED PURSUANT TO SECTION 23-3 OF THE CITY SPECIFICATIONS. INSTALL FUSE (KTK-5) AND FUSE HOLDER (BUS-HEB) IN LUMINARIE. CONTRACTOR TO WELD HAND HOLD CLOSED AFTER FINAL INSPECTION.
3. ALL STREETLIGHTS SHALL BE NUMBERED PER STD. DWG. E-25. NUMERICAL SEQUENCE TO BE OBTAINED FROM PG&E. NUMERALS SHALL BE 2-1/2" HIGH AND INSTALLED 10'-6" ABOVE FINISHED GRADE.
4. ALL CONDUITS SHALL BE SCH. 80 P.V.C., OR SCH. 40 P.V.C., AS PER STD. DWG. NOS. E-1, E-2, AND E-6 (NOTE 1), EXCEPT THAT CONDUIT FOR MAJOR STREET CROSSINGS SHALL BE GALVANIZED RIGID CONDUIT. ALL PVC CONDUIT SHALL BE UNDER SIDEWALK. IF NOT UNDER SIDEWALK, GALVANIZED RIGID CONDUIT SHALL BE BACKFILLED IN A 4" WIDE TWO SACK CONCRETE SLURRY MIX TO WITHIN 6" OF FINISH GRADE.
5. PULL BOX SPACING SHALL NOT EXCEED 200 FT. PULL BOXES SHALL BE REQUIRED AT ALL CONDUIT CHANGE OF DIRECTION AND ADJACENT TO EACH STREETLIGHT. INSTALL 6" 6 SACK CONCRETE CAP AND CLEAN PEA GRAVEL. PEA GRAVEL BACKFILL AROUND CONDUCTORS AND OVER, PRIOR TO 6" CAP. STAMP THE LETTERS "SL" 2-1/2" TALL INTO THE FINISHED CONCRETE USING A STAMP DESIGNED FOR THAT PURPOSE. "POINT OF SERVICE" PULL BOX LID SHALL BE VANDAL RESISTANT LOCKING LIDS OR APPROVED EQUIVALENT WITH NO CONCRETE OR PEA GRAVEL. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION. CONTRACTOR SHALL PROVIDE TEMPORARY LID DURING CONSTRUCTION. LOCKING LIDS SHALL BE GALVANIZED STEEL DIAMOND PLATE, MINIMUM THICKNESS 3/16", WITH TWO (2) CLAMPING JAWS AND BE KEYED TO THE CITY OF FRESNO KEY. PULL BOXES IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE-FOOT RING OF CONCRETE TO THE DEPTH OF THE PULL BOX AND EXTENSION, AND ALL CONDUITS SHALL ENTER THESE PULL BOXES THROUGH THE BOTTOM, USING 90 DEGREE ELBOWS, AND SHALL EXTEND 3 TO 5 INCHES ABOVE THE FINISHED GROUT. CONTRACTOR SHALL TIGHTEN DOWN ALL LOCKING LID(S) TO A MINIMUM TORQUE SPEC OF 25 FOOT POUNDS. UPON PROJECT COMPLETION CONTRACTOR SHALL INSTALL LOCKING LID PLUGS.
6. IF THE SERVICE PEDESTAL IS EQUIPPED WITH A LIGHTING CONTACTOR AND NO MASTER PHOTO CONTROL IS INSTALLED, THE CONTRACTOR SHALL INSTALL A MASTER PHOTO CONTROL ATOP A 30' TALL SIGNAL POLE ADJACENT TO THE SERVICE PEDESTAL, OR ATOP THE NEAREST STREETLIGHT POLE. THE MASTER PHOTO CONTROL SHALL BE WIRED BACK TO THE SERVICE PEDESTAL USING THREE NO. 12 AWG STRANDED COPPER WIRES COLOR MATCHED TO THE PEC. THE PEC WILL BE MOUNTED USING HARDWARE MANUFACTURED FOR THAT PURPOSE, OR FABRICATED HARDWARE APPROVED BY THE TSSL SUPERVISOR. IF THE PEDESTAL IS NOT EQUIPPED WITH A LIGHTING CONTACTOR THE CONTRACTOR SHALL UPGRADE THE PEDESTAL TO MEET THE LATEST C.O.F. STANDARDS.
7. ALL STREETLIGHTS AND SAFETY LIGHTS FED FROM A PEDESTAL EQUIPPED WITH A CONTACTOR SHALL BE SWITCHED BY THAT CONTACTOR, AND THEIR PEC'S REPLACED WITH SHORTING CAPS.
8. ALL WORK SHALL COMPLY WITH CITY OF FRESNO STANDARD DRAWINGS NOS. E-1 THROUGH E-37, AND CITY OF FRESNO STANDARD SPECIFICATIONS.
9. LUMINAIRE SHALL BE A "LOCAL STREETS AND MID-BLOCK OF MAJOR STREETS" LUMINAIRE SELECTED FROM THE CITY OF FRESNO APPROVED LED STREET LIGHT FIXTURE LIST AVAILABLE FOR DOWNLOAD AT HTTPS://WWW.FRESNO.GOV/STANDARDS IN THE TECHNICAL LIBRARY.

PROJECT NOTES (SHEETS E-1 THROUGH E-8 ONLY):

1. ALL WORK SHALL CONFORM TO APPLICABLE SECTIONS OF THE CITY OF FOWLER STANDARDS, STATE OF CALIFORNIA "STRANDARD SPECIFICATIONS", ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, AND THE NATIONAL ELECTRICAL CODE.
2. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE AS-BUILT WITH THE PG&E STREET LIGHT NUMBERS.

	DATE	RECORD DRAWING	
DESIGNED: J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN: C. AYALA-MAGANA	08/23/2022		
CHECKED: J. RIOS	08/23/2022		

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

811 CALL BEFORE YOU DIG

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

SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENAVIDES — No.C 62971 Exp.06/30/24 — CIVIL — STATE OF CALIFORNIA

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

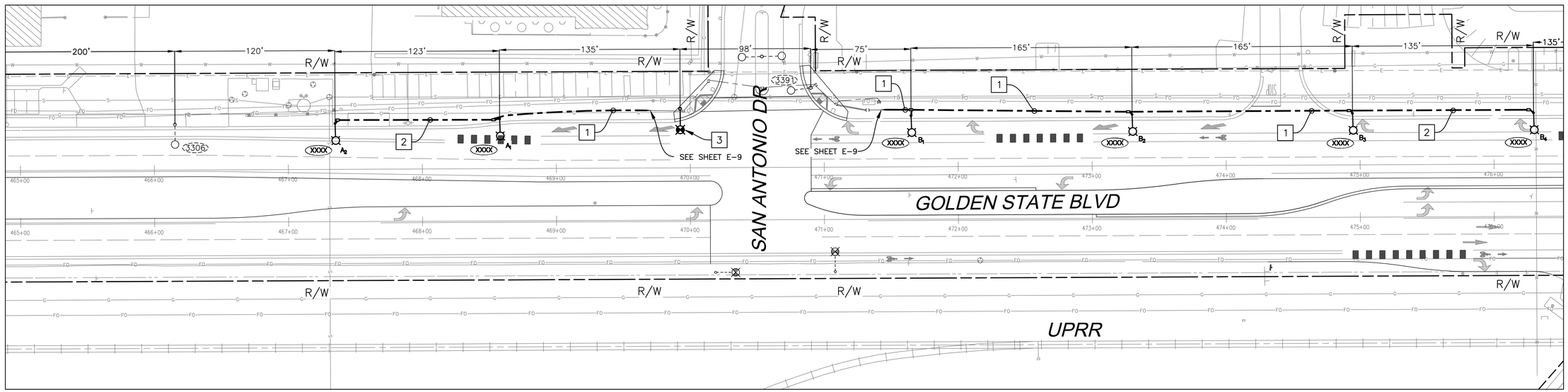
CITY OF FOWLER CALIFORNIA 1908

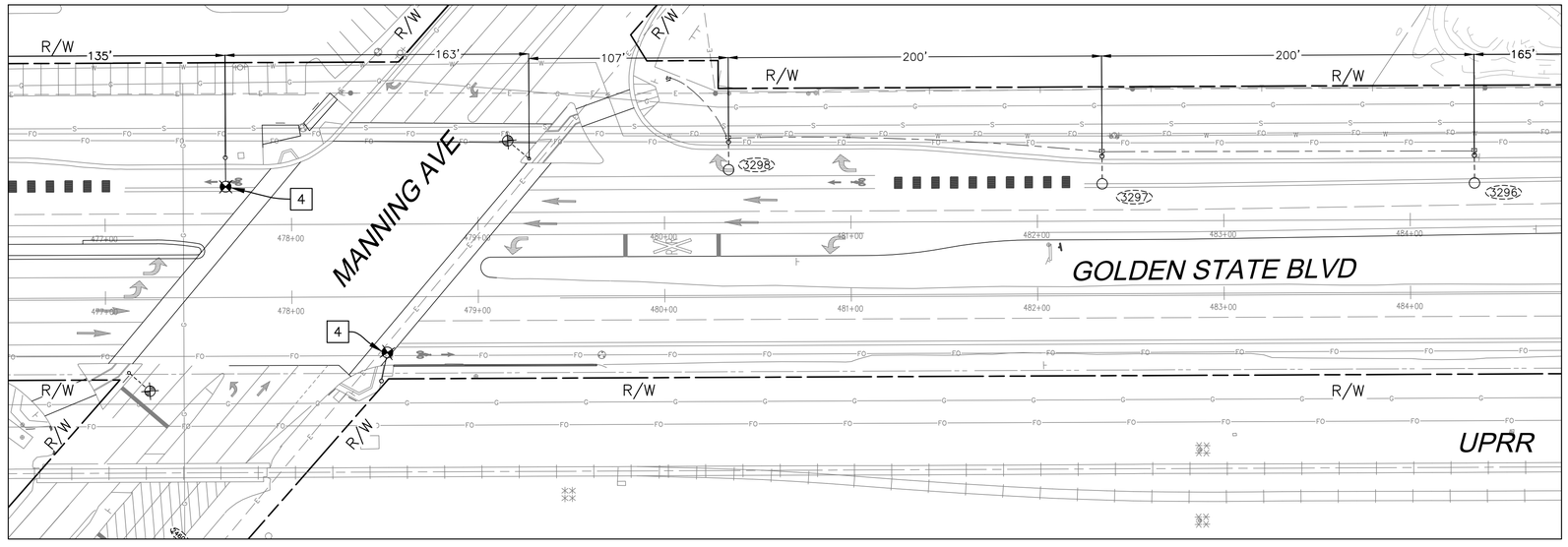
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-1 SHEET NO. 110 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Fowler\009-009 Golden State PS&E - Fowler Lighting P1.dwg PLOT DATE: 8/23/2022 11:24:54 AM CAD USER: CSANCHEZ





POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
A_1	GOLDEN STATE BLVD	STA 468 + 57.80, 36.99' L	SB
A_2	GOLDEN STATE BLVD	STA 467 + 34.94, 34.14' L	SB
B_1	GOLDEN STATE BLVD	STA 471 + 64.91, 38.17' L	SB
B_2	GOLDEN STATE BLVD	STA 473 + 29.90, 38.28' L	SB
B_3	GOLDEN STATE BLVD	STA 474 + 94.48, 38.38' L	SB
B_4	GOLDEN STATE BLVD	STA 476 + 29.59, 38.24' L	SB

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

SCALE: 1" = 40'

	DATE	RECORD DRAWING	
DESIGNED: J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN: C. AYALA-MAGANA	08/23/2022		
CHECKED: J. RIOS	08/23/2022		

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SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENAVIDES — No.C 62971 Exp:06/30/24 CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

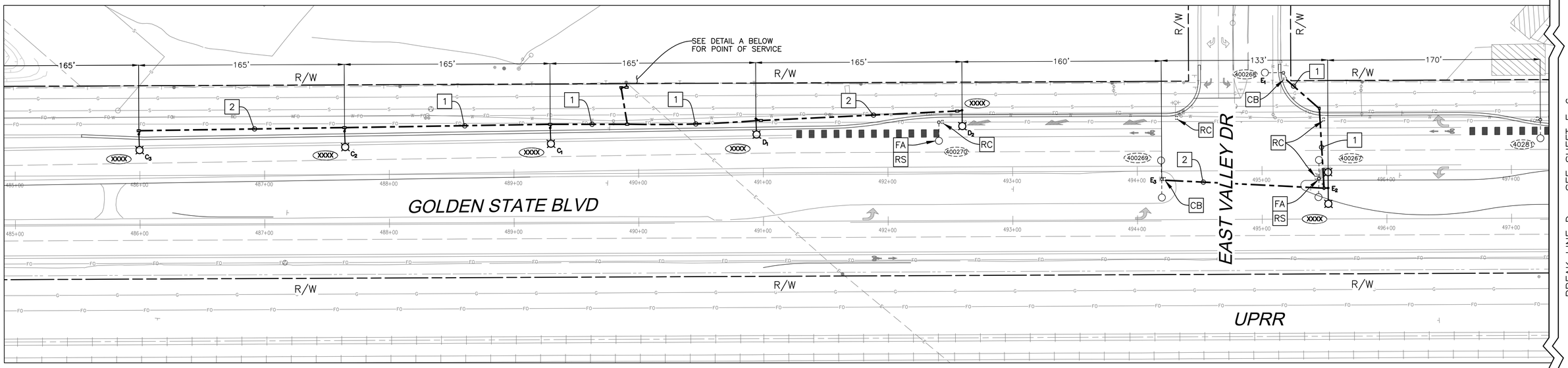
GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-2 SHEET NO. 111 TOTAL 143

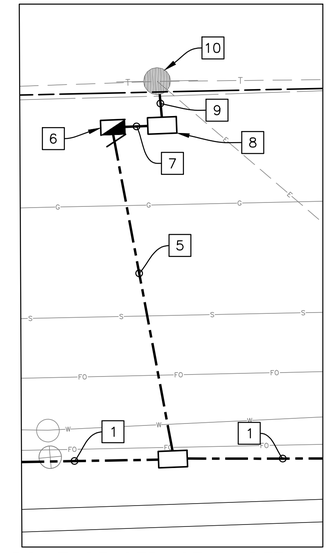
PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Fowler\009-009 Golden State PS&E - Fowler Lighting P1.dwg PLOT DATE: 8/23/2022 11:25:13 AM CAD USER: CSANCHEZ

MATCH LINE C – SEE SHEET E-2

BREAK LINE D – SEE SHEET E-6



POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
C_1	GOLDEN STATE BLVD	STA 489 + 29.26, 36.70' L	SB
C_2	GOLDEN STATE BLVD	STA 487 + 64.27, 34.74' L	SB
C_3	GOLDEN STATE BLVD	STA 485 + 99.30, 33.01' L	SB
D_1	GOLDEN STATE BLVD	STA 490 + 94.22, 43.38' L	SB
D_2	GOLDEN STATE BLVD	STA 492 + 59.61, 49.41' L	SB
E_2	GOLDEN STATE BLVD	STA 495 + 52.94, 14.18' R	SB



POINT OF SERVICE – DETAIL A
NO SCALE

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0 40' 80'
SCALE: 1" = 40'

ALL EXISTING STREET LIGHTING PULL BOXES ARE CONCRETE FILLED AND CITY HAS INDICATED THAT THEY DO NOT HAVE ANY PLANS FOR THESE LIGHTING CURCUITS. THEREFORE (ABSENT THE REMOVAL OF THE CONCRETE INSIDE THESE PULL BOXES) THE ONLY WAY TO DETERMINE THE EXISTING LAYOUT OF THE LIGHTING CONDUIT RUNS AND WIRING CIRCUIT IS TO HAVE A JOINT FIELD MEETING WITH CITY ELECTRICAL MAINTENANCE STAFF.

	DATE	RECORD DRAWING	DATE
DESIGNED: J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	
DRAWN: C. AYALA-MAGANA	08/23/2022		
CHECKED: J. RIOS	08/23/2022		

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SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No.C 62971 Exp:06/30/24 Civil STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-3 SHEET NO. 112 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 11:59:07 AM CAD USER: CSANCHEZ

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DESIGNED:	J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	08/23/2022		
CHECKED:	J. RIOS	08/23/2022		

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SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENDEZU — No.C 62971 Exp:06/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-4 SHEET NO. 113 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 - Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 11:59:13 AM CAD USER: CSANCHEZ

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CHECKED:	J. RIOS	08/23/2022		

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

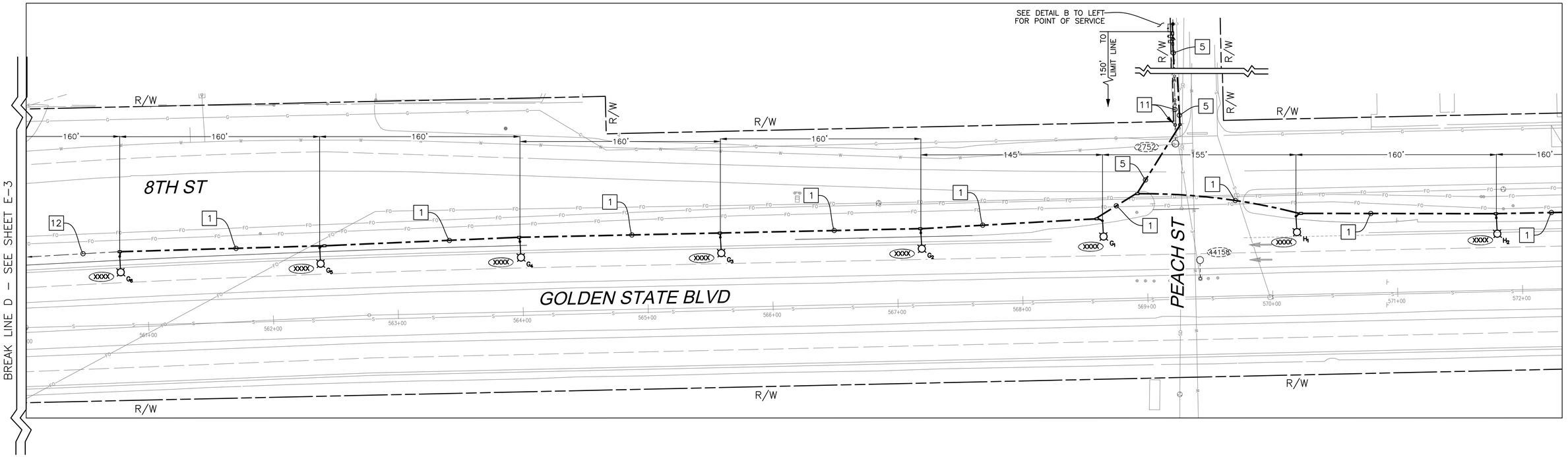
FOWLER REGION

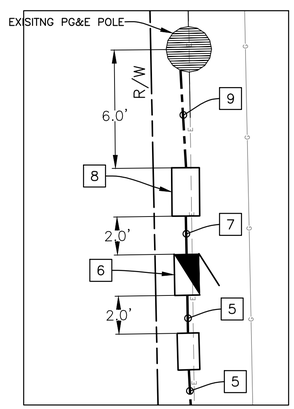
THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD
STREET LIGHTING

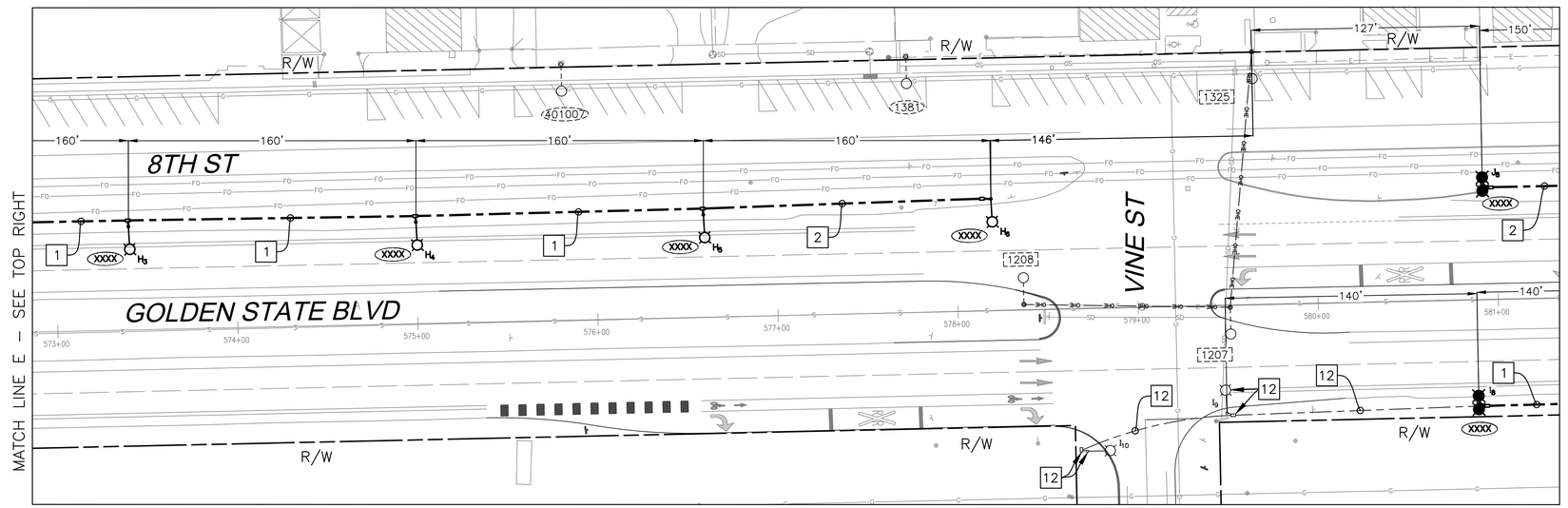
DRAWING NO. E-5 SHEET NO. 114 TOTAL 143





POINT OF SERVICE – DETAIL B
NO SCALE

POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
G_1	GOLDEN STATE BLVD	STA 568 + 65.10, 62.47' L	N/A
G_2	GOLDEN STATE BLVD	STA 567 + 19.49, 55.97' L	N/A
G_3	GOLDEN STATE BLVD	STA 565 + 58.99, 56.03' L	N/A
G_4	GOLDEN STATE BLVD	STA 563 + 98.59, 56.06' L	N/A
G_5	GOLDEN STATE BLVD	STA 562 + 39.78, 55.76' L	N/A
G_6	GOLDEN STATE BLVD	STA 560 + 79.61, 56.95' L	N/A
H_1	GOLDEN STATE BLVD	STA 570 + 19.94, 62.59' L	N/A
H_2	GOLDEN STATE BLVD	STA 571 + 80.23, 57.76' L	N/A
H_3	GOLDEN STATE BLVD	STA 573 + 40.43, 57.36' L	N/A
H_4	GOLDEN STATE BLVD	STA 575 + 0.09, 56.25' L	N/A
H_5	GOLDEN STATE BLVD	STA 576 + 59.72, 56.83' L	N/A
H_6	GOLDEN STATE BLVD	STA 578 + 19.53, 62.03' L	N/A
I_8	GOLDEN STATE BLVD	STA 580 + 87.90, 56.85' R	N/A
J_8	GOLDEN STATE BLVD	STA 580 + 92.47, 64.26' L	N/A



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DESIGNED: J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
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SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No.C 62971 Exp:06/30/24 Civil STATE OF CALIFORNIA

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

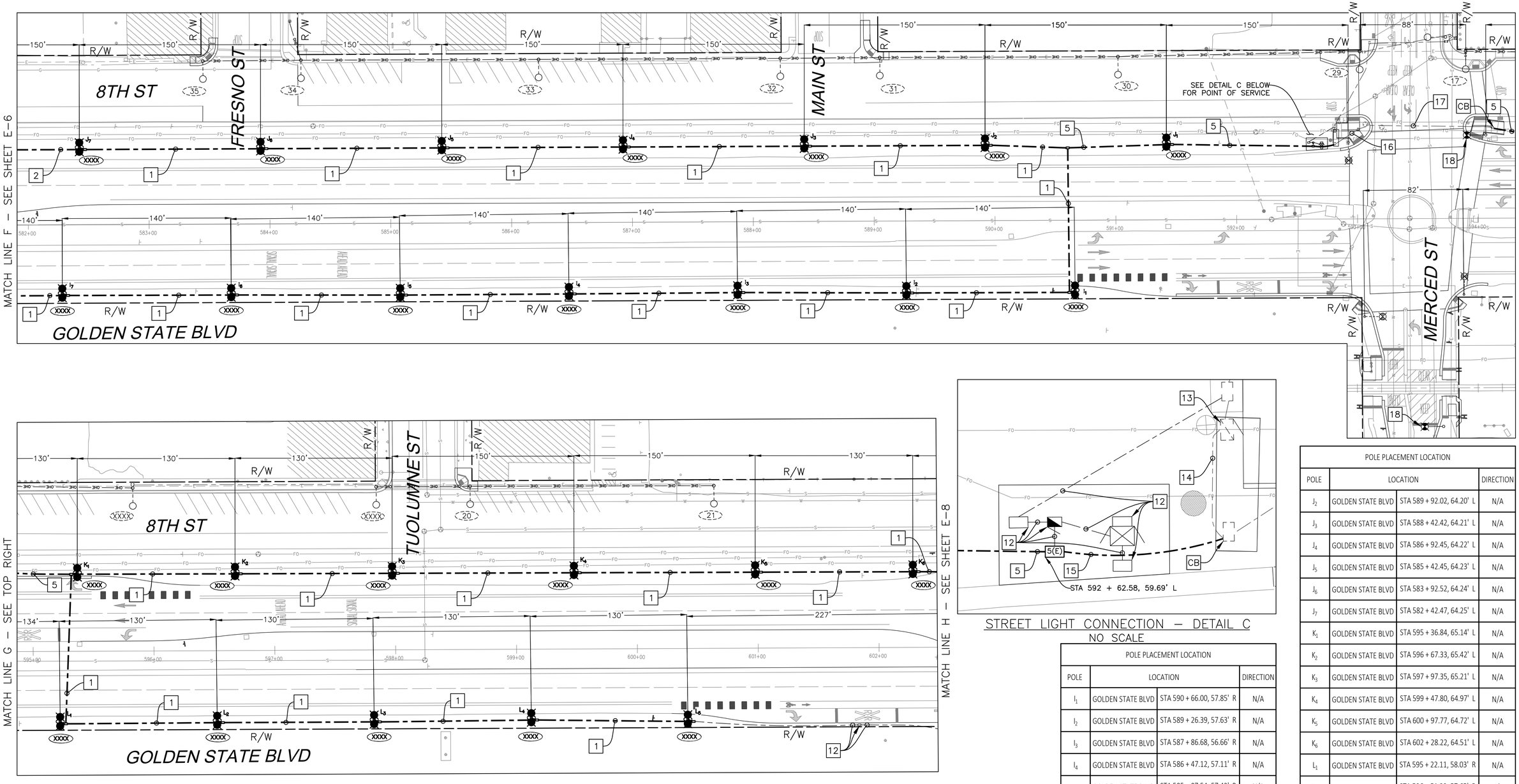
CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING
GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-6 SHEET NO. 115 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Fowler\009-009 Golden State PS&E - Fowler Lighting P1.dwg PLOT DATE: 8/23/2022 11:25:31 AM CAD USER: CSANCHEZ

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Fowler\009-009 Golden State PS&E - Fowler Lighting P1.dwg PLOT DATE: 8/23/2022 11:25:49 AM CAD USER: CSANCHEZ



STREET LIGHT CONNECTION – DETAIL C
NO SCALE

POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
I_1	GOLDEN STATE BLVD	STA 590 + 66.00, 57.85' R	N/A
I_2	GOLDEN STATE BLVD	STA 589 + 26.39, 57.63' R	N/A
I_3	GOLDEN STATE BLVD	STA 587 + 86.68, 56.66' R	N/A
I_4	GOLDEN STATE BLVD	STA 586 + 47.12, 57.11' R	N/A
I_5	GOLDEN STATE BLVD	STA 585 + 07.54, 57.42' R	N/A
I_6	GOLDEN STATE BLVD	STA 583 + 67.66, 56.69' R	N/A
I_7	GOLDEN STATE BLVD	STA 582 + 27.84, 56.43' R	N/A
J_1	GOLDEN STATE BLVD	STA 591 + 42.05, 64.19' L	N/A

POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
J_2	GOLDEN STATE BLVD	STA 589 + 92.02, 64.20' L	N/A
J_3	GOLDEN STATE BLVD	STA 588 + 42.42, 64.21' L	N/A
J_4	GOLDEN STATE BLVD	STA 586 + 92.45, 64.22' L	N/A
J_5	GOLDEN STATE BLVD	STA 585 + 42.45, 64.23' L	N/A
J_6	GOLDEN STATE BLVD	STA 583 + 92.52, 64.24' L	N/A
J_7	GOLDEN STATE BLVD	STA 582 + 42.47, 64.25' L	N/A
K_1	GOLDEN STATE BLVD	STA 595 + 36.84, 65.14' L	N/A
K_2	GOLDEN STATE BLVD	STA 596 + 67.33, 65.42' L	N/A
K_3	GOLDEN STATE BLVD	STA 597 + 97.35, 65.21' L	N/A
K_4	GOLDEN STATE BLVD	STA 599 + 47.80, 64.97' L	N/A
K_5	GOLDEN STATE BLVD	STA 600 + 97.77, 64.72' L	N/A
K_6	GOLDEN STATE BLVD	STA 602 + 28.22, 64.51' L	N/A
L_1	GOLDEN STATE BLVD	STA 595 + 22.11, 58.03' R	N/A
L_2	GOLDEN STATE BLVD	STA 596 + 51.99, 57.65' R	N/A
L_3	GOLDEN STATE BLVD	STA 597 + 81.87, 57.66' R	N/A
L_4	GOLDEN STATE BLVD	STA 599 + 11.92, 56.74' R	N/A
L_5	GOLDEN STATE BLVD	STA 600 + 41.48, 58.56' R	N/A

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0 40' 80'
SCALE: 1" = 40'

	DATE	RECORD DRAWING	
DESIGNED: J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN: C. AYALA-MAGANA	08/23/2022		
CHECKED: J. RIOS	08/23/2022		

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SUPERVISING ENGINEER 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No.C 62971 Exp:06/30/24 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

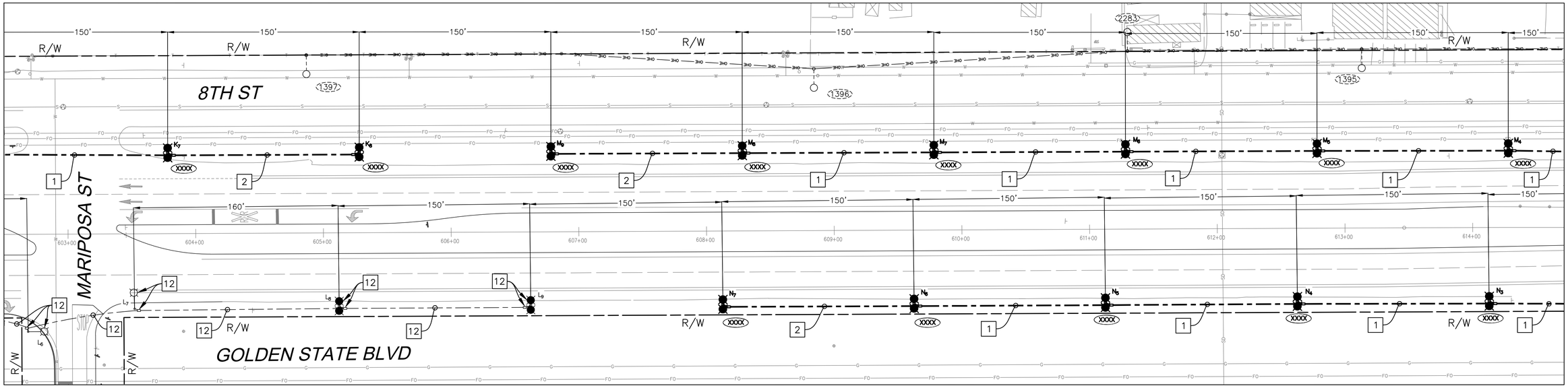
CITY OF FOWLER CALIFORNIA 1908

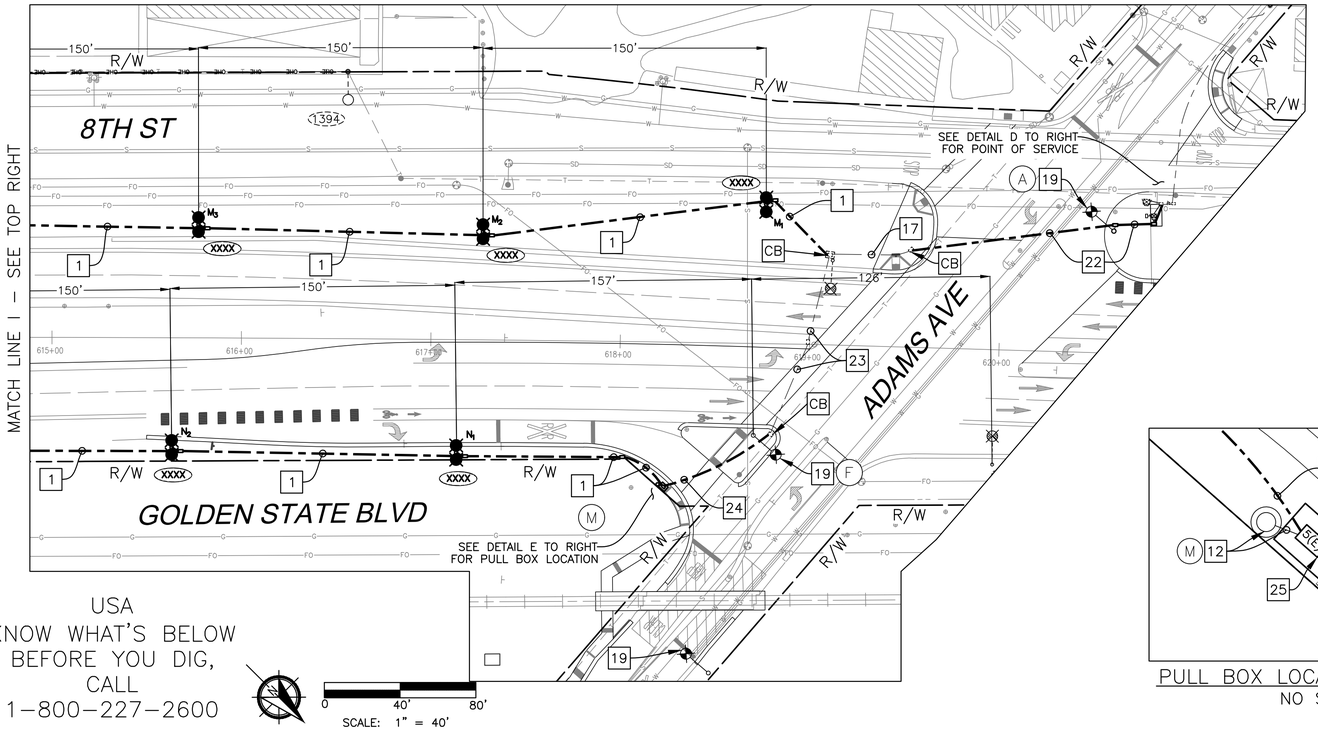
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-7 SHEET NO. 116 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Fowler\009-009 Golden State PS&E - Fowler Lighting P1.dwg PLOT DATE: 8/23/2022 11:26:14 AM CAD USER: CSANCHEZ





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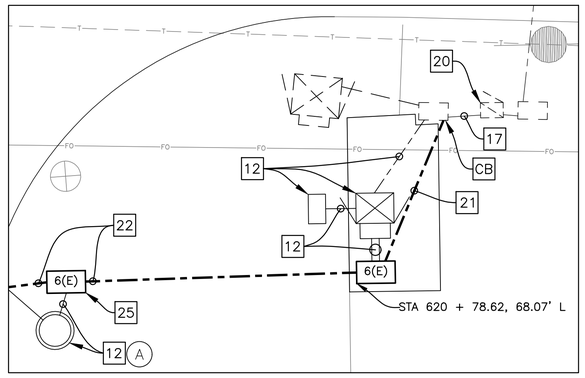
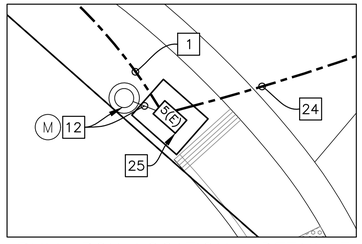


STREET LIGHT CONNECTION – DETAIL D
NO SCALE



PULL BOX LOCATION– DETAIL E
NO SCALE

POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
K_7	GOLDEN STATE BLVD	STA 603 + 78.31, 63.27' L	N/A
K_8	GOLDEN STATE BLVD	STA 605 + 28.34, 63.13' L	N/A

POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
M_1	GOLDEN STATE BLVD	STA 618 + 75.92, 73.30' L	N/A
M_2	GOLDEN STATE BLVD	STA 617 + 27.00, 57.06' L	N/A
M_3	GOLDEN STATE BLVD	STA 615 + 77.16, 59.73' L	N/A
M_4	GOLDEN STATE BLVD	STA 614 + 28.00, 62.00' L	N/A
M_5	GOLDEN STATE BLVD	STA 612 +78.40, 62.43' L	N/A
M_6	GOLDEN STATE BLVD	STA 611 + 28.35, 62.57' L	N/A
M_7	GOLDEN STATE BLVD	STA 609 + 78.34, 62.71' L	N/A
M_8	GOLDEN STATE BLVD	STA 608 + 28.30, 62.85' L	N/A
M_9	GOLDEN STATE BLVD	STA 606 + 78.39, 62.99' L	N/A
N_1	GOLDEN STATE BLVD	STA 617 + 13.98, 59.64' R	N/A
N_2	GOLDEN STATE BLVD	STA 615 + 63.41, 57.97' R	N/A
N_3	GOLDEN STATE BLVD	STA 614 + 12.84, 57.74' R	N/A
N_4	GOLDEN STATE BLVD	STA 612 + 62.46, 57.35' R	N/A
N_5	GOLDEN STATE BLVD	STA 611 + 12.13, 57.57' R	N/A
N_6	GOLDEN STATE BLVD	STA 609 + 62.32, 57.63' R	N/A
N_7	GOLDEN STATE BLVD	STA 608 + 12.56, 57.51' R	N/A
(A)	GOLDEN STATE BLVD	STA 620 + 58.81, 64.39' L	N/A
(F)	GOLDEN STATE BLVD	STA 618 + 71.06, 48.55' R	N/A
(M)	GOLDEN STATE BLVD	STA 618 + 20.79, 75.19' R	N/A

	DATE
DESIGNED: J. BENAVIDES	08/23/2022
DRAWN: C. AYALA-MAGANA	08/23/2022
CHECKED: J. RIOS	08/23/2022

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

RECORD DRAWING

RESIDENT ENGINEER	DATE

811 CALL BEFORE YOU DIG

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

SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENAVIDES — No.C 62971 Exp:06/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

CITY OF FOWLER CALIFORNIA 1906

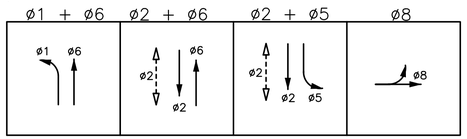
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD
STREET LIGHTING

DRAWING NO. E-8 SHEET NO. 117 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2e Golden State Blvd at San Antonio Dr\02 PLOT DATE: 8/23/2022 11:39:41 AM CAD USER: CSANCHEZ

PROPOSED STEADY DEMAND SEQUENCE



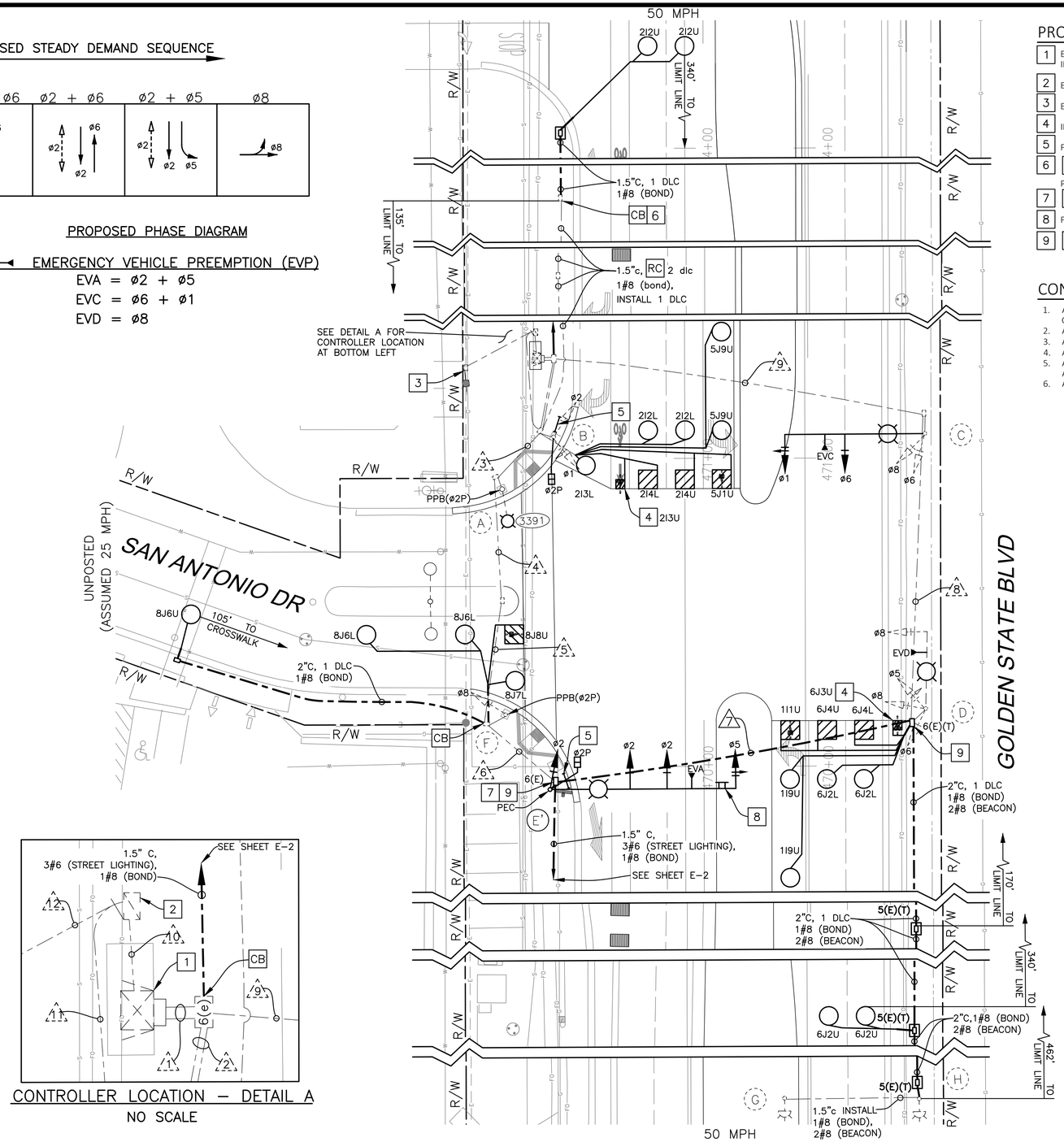
PROPOSED PHASE DIAGRAM

EMERGENCY VEHICLE PREEMPTION (EVP)

EVA = ø2 + ø5

EVC = ø6 + ø1

EVD = ø8



CONTROLLER LOCATION – DETAIL A

NO SCALE

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

1. EXISTING 332L CONTROLLER CABINET WITH BATTERY BACK UP SYSTEM. FURNISH AND INSTALL APS CENTRAL CONTROL UNIT.
2. EXISTING TYPE III-BF 120/240V SERVICE PEDESTAL.
3. EXISTING 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. SC EXISTING #6 TO NEW #10 SAFETY LIGHTING ON NEW POLE E'
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

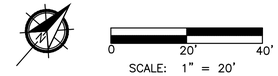
CONSTRUCTION NOTES (SHEETS E-9 TO E-11 ONLY):

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 (NEW).
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 UNUSED CONDUCTORS SHALL BE REMOVED.

POLE PLACEMENT LOCATION			
POLE	LOCATION		DIRECTION
E'	GOLDEN STATE BLVD	STA 469 + 92.58, 44.02' 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.
- 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.
- CB INSTALL NEW CONDUIT INTO EXISTING PULL BOX.
- BC INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- SC SPLICE NEW TO EXISTING CONDUCTORS.
- 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.



SCALE: 1" = 20'

	DATE	RECORD DRAWING	
DESIGNED: J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN: C. AYALA-MAGANA	08/23/2022		
CHECKED: J. RIOS	08/23/2022		

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

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
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SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENAVIDES — No.C 62971 Exp:06/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT SAN ANTONIO DR TRAFFIC SIGNAL MODIFICATION

DRAWING NO. E-9 SHEET NO. 118 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2e Golden State Blvd at San Antonio Dr\02 San Antonio Dr\02 Golden State Blvd at San Antonio Dr_CSANCHEZ.dwg CAD USER: CSANCHEZ PLOT DATE: 8/23/2022 11:39:17 AM

CONDUCTOR SCHEDULE

AWG OR CABLE	POLE	Ø	CONDUIT RUN NUMBER AND SIZE											
			1	2	3	4	5	6	7	8	9	10	11	12
			2-3"	2-3"	3"	3"	3"	3"	(4")	3"	3"	2"	1.5"	2"
CONDUIT FILL			22%	16%	22%	21%	21%	14%	1%	15%	20%	8%	43%	13%
7 COND. CABLE (VEH.) *	B	1,2 2P	1 / 1	1 / 1										
	C	1,6,8 -	2 / -								2 / -			
	D	5,6,8 -	2 / -							2 / -	2 / -			
5 COND. CABLE (PED) *	E'	2,5 2P	(1) / (1)	(1) / (1)	(1) / (1)	(1) / (1)	(1) / (1)	(1) / (1)						
	F	8 -	1 / -	1 / -	1 / -	1 / -	1 / -							
TOTAL			6(1) / 1(1)	2(1) / 1(1)	1(1) / (1)	1(1) / (1)	1(1) / (1)	(1) / (1)		2 / -	4 / -			
3 COND. CABLE (PPB)	A	2	1	1	1									
	F	2	1	1	1	1	1							
TOTAL			2	2	2	1	1							
TYPE B DETECTOR LEAD-IN CABLE	Ø1		2							2	2			
	Ø2		3(3)	3(3)										
	Ø5		2	2										
	Ø6		3(2)							3(2)	3(2)			
	Ø8		2(2)	2(2)	2(2)	2(2)	2(2)							
	TOTAL DLC		12(7)	7(5)	2(2)	2(2)	(2)2			5(2)	5(2)			
# 2	SERVICE													3
# 4	SIGNAL POWER											2		
# 6	STREET LIGHTING			(3)	(3)	(3)	(3)	(3)					(6)	
# 8	SAFETY LIGHTS			2	2	2	2	2		2	2		2	
# 8	FLASHING BEACON				(2)	(2)	(2)	(2)	(2)				(2)	
# 8	BONDING WIRE		1	1	1	1	1	1	(1)	1	1	1	1	
# 12	PEU CONTROL				(3)	(3)	(3)	(3)					(3)	
EVP CABLE 3 COND.	EVA (S/B)		(1)	(1)	(1)	(1)	(1)	(1)						
	EVC (N/B)		(1)								(1)			
	EVD (E/B)		(1)							(1)	(1)			

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

EQUIPMENT SCHEDULE

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 #	SPECIAL REQUIREMENTS
A	15TS	–	8'	–	–	–	–	2 (N)	LEFT (N)	78W (N)	3391	REMOVE AND SALVAGE EXISTING PPB ASSEMBLY AND LUMINAIRE. FURNISH AND INSTALL NEW APS PPB ASSEMBLY AND LUMINAIRE.
B	1–A (10')	–	–	–	TV–2–T	2 (N)	SP–1–T (N)	–	–	–	–	REMOVE AND SALVAGE EXISTING PEDESTRIAN HEAD. FURNISH AND INSTALL NEW PEDESTRIAN HEAD.
C	26–3–113	45' (N)	15'	(N) MAT (N) MAS F=19'	SV–2–TA	–	–	–	–	78W (N)	3392	REMOVE AND SALVAGE EXISTING SMA AND ALL EQUIPMENT ATTACHED TO IT. FURNISH AND INSTALL NEW SNS "SAN ANTONIO DR" COMPLETE WITH MOUNTING HARDWARE TO NEW SMA. FURNISH AND INSTALL VEHICLE HEADS AND EVC ON SMA COMPLETE WITH MOUNTING HARDWARE. REMOVE AND SALVAGE EXISTING LUMINAIRE. FURNISH AND INSTALL NEW LUMINAIRE.
D	19–1–70	25'	15'	MAS	SV–3–TB	–	–	–	–	78W (N)	3393	FURNISH AND INSTALL EVD AND SNS "GOLDEN STATE BLVD" ON SMA COMPLETE WITH MOUNTING HARDWARE. REMOVE AND SALVAGE EXISTING LUMINAIRE. FURNISH AND INSTALL NEW LUMINAIRE.
E	26–3–70	45'	15'	MAS MAS	SV–1–T	2	SP–1–T	–	–	61W	3394	REMOVE AND SALVAGE EXISTING SIGNAL POLE AND ALL EQUIPMENT ATTACHED TO IT.
E'	61–5–129 (N)	60' (N)	12' (N)	(N) MAT (N) MAS F=22' (N) MAS F=34'	SV–1–T (N)	2 (N)	SP–1–T (N)	–	–	78W (N)	3394 (N)	FURNISH AND INSTALL SNS "SAN ANTONIO DR" AND EVA COMPLETE WITH MOUNTING HARDWARE ON SMA. FURNISH AND INSTALL PEC ON TOP OF SIGNAL POLE.
F	1–A (10')	–	–	–	TV–1–T	–	–	2 (N)	RIGHT (N)	–	–	REMOVE AND SALVAGE EXISTING PPB ASSEMBLY. FURNISH AND INSTALL NEW APS PPB ASSEMBLY.
G	1–A–FBS	–	–	–	TV–1–T	–	–	–	–	–	–	EXISTING FLASHING BEACON MOUNTED ON EXISTING 1-A POLE WITH W3-3 SIGN TO REMAIN.
H	1–A–FBS	–	–	–	TV–1–T	–	–	–	–	–	–	EXISTING FLASHING BEACON MOUNTED ON EXISTING 1-A POLE WITH W3-3 SIGN TO REMAIN.

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, 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.
4. LED INTERSECTION SAFETY LIGHT LUMINAIRES INSTALLED AND SHALL BE CREE RSWS-A-HT-3ME-6L-4OK7-UL-GY-N FULL POWER: 78W, 9325 LUMEN, 4000K, CRI70-B1-U0-G2, RSWS9056&SP.

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, 2010 EDITION, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), AND THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS AND DRAWINGS. SIGNAL POLES/STANDARDS FOR 113KM/H WIND VELOCITY AND TYPE 1-A POLES SHALL BE PER THE STATE STANDARDPLANS AND SPECIFICATIONS, DATED JULY 1997.
2. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
3. NO ABOVE GROUND WORK, EXCEPT SERVICE EQUIPMENT, SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS ALL MATERIALS ON HAND TO COMPLETE THAT PARTICULAR SIGNAL LOCATION OR LIGHTING CIRCUIT.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO, DURING AND AFTER TRENCHING, JACKING AND/ OR BORING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA), BY CALLING 1-800-227-2600 AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK.
5. CONDUIT INSTALLATION ACROSS ROADWAYS SHALL BE BY JACKING AND DIRECTIONAL DRILLING METHODS UNLESS OTHERWISE NOTED ON THE PLANS.
6. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY RELOCATIONS, INCLUDING OVERHEAD CONFLICTS.
7. ALL TRAFFIC SIGNAL AND LIGHTING FACILITIES, INCLUDING CABINETS, STANDARDS, PULL BOXES, CONDUITS AND LOOP DETECTORS, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. AFTER ALL UNDERGROUND UTILITIES ARE MARKED, THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK TO OBSERVE THE MARKED LOCATIONS.
8. ALL SALVAGED EQUIPMENT SHALL BE RETURNED TO THE CITY OF FOWLER PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE CITY, CONTACT AT LEAST TWO (2) WORKING DAYS PRIOR TO DELIVERY. CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR SAFELY UNLOADING EQUIPMENT.
9. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS OR DRIVEWAYS. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION OF THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE TEMPORARY LIDS DURING CONSTRUCTION. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART. LIDS SHALL BE TORQUED TO 25 FT. LBS.
10. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS, AND SHALL HAVE A VANDAL RESISTANT (SEE NOTE ABOVE) LOCKING LID INSTALLED. ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT.
11. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.
12. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF FOWLER ENGINEER.
13. ALL NEUTRAL CONDUCTORS SHALL BE WHITE IN COLOR THROUGHOUT THEIR ENTIRE LENGTH.
14. TRAFFIC SIGNAL CABLE SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE TERMINAL COMPARTMENTS MOUNTED ON THE POLES. DETECTOR CABLES SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE PULL BOX ADJACENT TO THE DETECTOR LEAD-IN.
15. PEDESTRIAN MODULE SHALL BE INSTALLED ON THE LEFT SIDE, FACING THE FRONT, OF THE 332 CABINET.
16. SEAL CONDUIT WITH AN APPROVED DUCT SEAL AFTER ALL CONDUCTORS HAVE BEEN INSTALLED.
17. SEALANT FOR FILLING THE SAWCUT LOOPS SLOTS SHALL BE HOT-MELT RUBBERIZED ASPHALT SEALANT PER STATE OF CALIFORNIA SPECIFICATIONS, OR ELASTOMERIC SEALENT, 3M, BLACK 5000.
18. PEDESTRIAN PUSH BUTTONS SHALL HAVE 2" DIAMETER ACTUATORS AND COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
19. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. VEHICLE SIGNAL SECTIONS SHALL HAVE 12" (300 mm) DIAMETER LENSES WITH BACKPLATES AND TUNNEL VISORS. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL HAVE METAL AND RUBBER WASHERS INSTALLED ON THE INSIDE OF THE HEAD.
20. SAFETY LUMINAIRE SHALL BE LED (EQUAL TO 150W HPS), SEE UPDATED CITY OF FRESNO SPECIFICATIONS FOR SAFETY LUMINAIRE REQUIREMENTS.
21. PEDESTRIAN SIGNAL UNITS SHALL BE FULL SYMBOL, MUTCD COMPLIANT, LED "COUNTDOWN" TYPE WITH 9 INCH NUMERALS; GELCORE MODEL PS7-CFF1-01A-18, OR APPROVED EQUAL. SIGNAL ALIGNMENT SHALL BE AS DIRECTED BY THE ENGINEER.
22. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE OPTICOM (GTT) EMERGENCY VEHICLE PREEMPTION (EVP) SYSTEM (721 TWO DIRECTION DETECTION, SINGLE CHANNEL) IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS. EVP DETECTOR UNITS SHALL BE INSTALLED ON SIGNAL MAST ARMS AS SHOWN ON THE PLAN, CENTERED OVER THE NUMBER ONE THROUGH LANE, WITH BRACKETS APPROVED BY THE TRAFFIC SIGNAL SUPERVISOR. THE CONTRACTOR SHALL DELIVER THE MODEL 762 DISCRIMINATORS TO THE CITY CORPORATION YARD AT 2101 "G" STREET, FRESNO, AND NOTIFY THE CITY TRAFFIC SIGNAL SHOP, (559) 621-1312, AT LEAST TWO (2) WORKING DAYS PRIOR TO DELIVERY.
23. CONTRACTOR SHALL SCHEDULE WITH THE CITY OF FRESNO TSSL SHOP AT (559) 621-1312 ALL EQUIPMENT DELIVERIES WHICH REQUIRE TESTING BY THE CITY'S TSSL SHOP. EQUIPMENT SHALL BE DELIVERED BY THE CONTRACTOR ONLY AT A PREARRANGED TIME AND DAY.
24. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW STREET NAME SIGN ON SMA COMPLETE WITH VARIABLE LENGTH MOUNTING HARDWARE, AS SHOWN ON THE PLAN. FURNISH AND INSTALL NEW MOUNTING BRACKETS AS NECESSARY. SUBMITTALS SHALL BE APPROVED BY THE CITY PRIOR TO ORDERING.
25. ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000 ANTI-GRAFFITI OVERLAY FILM.
26. CONDUITS EXITING THE CONTROLLER FOUNDATION AND ENTERING INTO THE CONTROLLER CABINET SHALL BE ALIGNED TO ENTER WITHIN THE TEES SPECIFIED CABINETS WITHOUT ANY MODIFICATIONS TO THE CABINET BASE.
27. ALL RESURFACING SHALL MATCH EXISTING SURFACES AFTER SIGNAL FACILITIES ARE REMOVED AND/OR RELOCATED.
28. THE EXISTING TRAFFIC SIGNAL SYSTEM, INCLUDING DETECTION, AND/OR STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION, UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE CITY ENGINEER.
29. ALL LUMINAIRE CIRCUITS SHALL BE FUSED. THE FUSE SHALL BE LOCATED IN THE LUMINAIRE HEAD (5 AMP KTK FUSE IN TRON HEB TYPE FUSE HOLDER).
30. THE CONTRACTOR SHALL FURNISH AND INSTALL POLE NUMBERS WHEN PG&E INDICATES THE NUMBER. POLE NUMBERS SHALL BE SHOWN ON THE AS BUILT DRAWINGS.
31. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE ACCESSIBLE (AUDIBLE) PEDESTRIAN SIGNAL (APS) SYSTEM (2-WIRE POLARA NAVIGATOR OR APPROVED EQUAL) IN CONFORMANCE WITH THE CITY OF FRESNO STANDARD SPECIFICATIONS. THE APS SHALL PROVIDE BOTH A VIBRATING ARROW BUTTON AND AUDIBLE SOUNDS DURING THE "WALK" INTERVAL, AS WELL AS A LOCATING TONE DURING THE PEDESTRIAN CLEARANCE AND DON'T WALK INTERVALS. THE APS SYSTEM SHALL MEET CURRENT ADA AND CA-MUTCD REQUIREMENTS. ALL PEDESTRIAN PUSH BUTTONS SHALL HAVE A FOUR FOOT ACCESSIBLE PATH IN FRONT OF THE BUTTON. THE APS CENTRAL CONTROL UNIT (CCU) SHALL BE MOUNTED WITH A CITY-APPROVED MANUFACTURED BRACKET, McCAIN M49021 OR APPROVED EQUAL. CCU SHALL BE MOUNTED TO THE REAR RACK, IN THE UPPER LEFT CORNER WHEN VIEWED FROM THE FRONT OF THE CABINET. THE POWER SUPPLY PIGTAIL SHALL BE CUT TO LENGTH TO ELIMINATE EXCESS CABLE, WITH POWER OBTAINED FROM THE PDA T1 TERMINAL STRIP, TERMINALS 1, 3, & 5. CONTRACTOR SHALL PROVIDE CITY OF FRESNO TSSL THE LATEST MEANS OF PROGRAMMING THE APS SYSTEM AND DIGITAL COPIES OF THE CUSTOM AUDIO VIA EMAIL.
32. ALL TRAFFIC SIGNAL AND STREET LIGHT MATERIALS SHALL BE APPROVED BY THE CITY OF FRESNO TSSL DIVISION IN WRITING PRIOR TO ORDERING OF MATERIALS. ALL MATERIALS NOT APPROVED PRIOR TO ORDERING SHALL BE SUBJECT TO REJECTION AT NO COST TO THE CITY.
33. ANY STREET LIGHT OR TRAFFIC SIGNAL PULL BOX IN THE SCOPE OF WORK OR ACCESSED BY THE CONTRACTOR SHALL BE CLEANED COMPLETELY, GROUTED, AND DUCT SEAL INSTALLED IN CONDUITS.
34. ANY BROKEN PULL BOX WITHIN THE PROJECT SHALL BE REPLACED BY THE CONTRACTOR.
35. ANY PULL BOX ADJUSTED TO GRADE MUST BE ABLE TO ACCEPT A CITY OF FRESNO APPROVED LOCKING LID AND THE CONDUITS MUST BE ADJUSTED TO MEET THE CITY OF FRESNO STANDARDS.
36. ANY EXISTING CONDUITS UTILIZED FOR CABLE INSTALLATION SHALL BE BRUSHED CLEAN AND BLOWN FREE OF DEBRIS WITH A COMPRESSOR PRIOR TO CABLE INSTALLATION.

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	08/23/2022		
CHECKED:	J. RIOS	08/23/2022		

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PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENAVIDES — No.C 62971 Exp:06/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

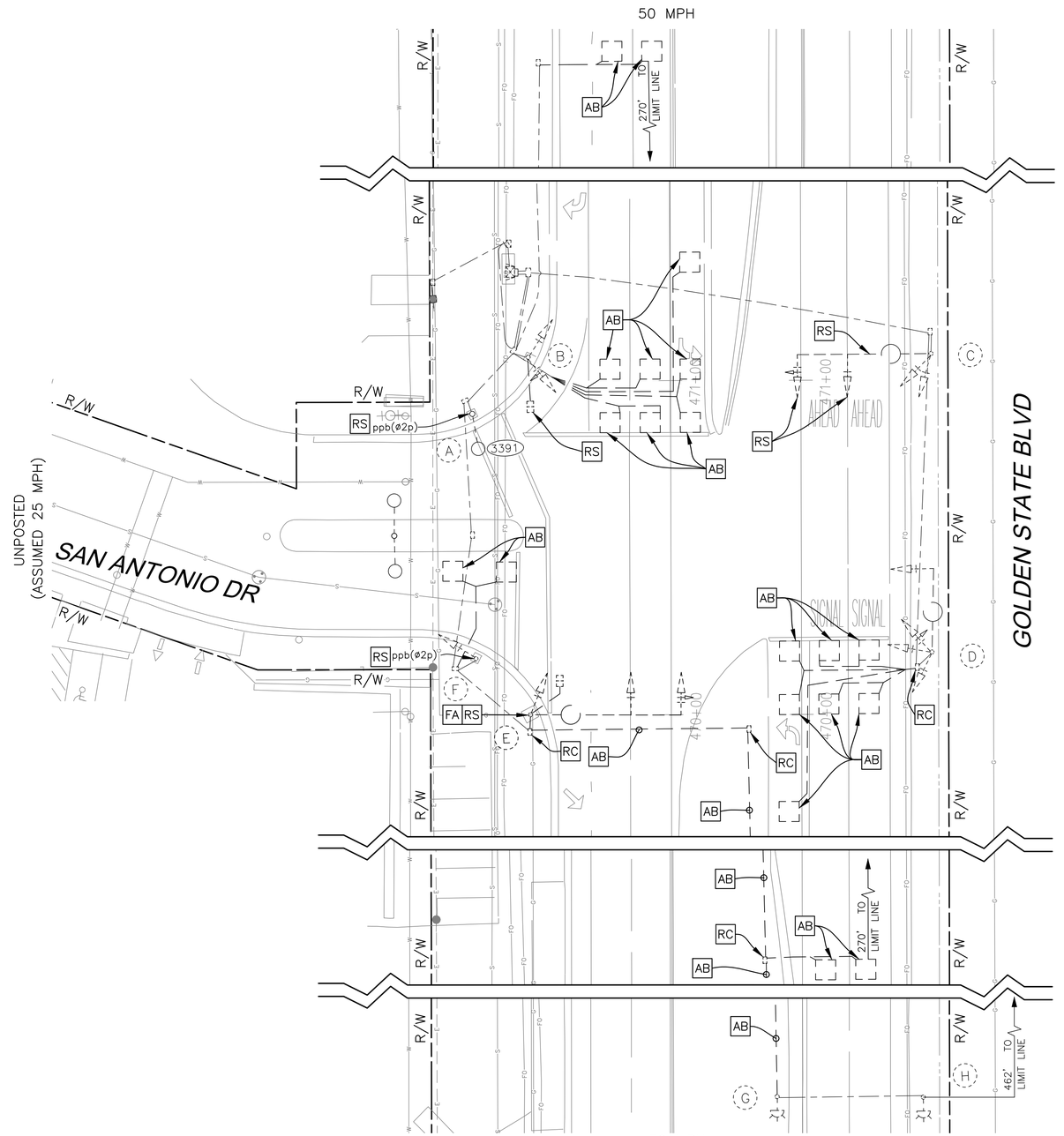
FOWLER REGION

CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT SAN ANTONIO DR EQUIPMENT AND CONUCTOR SCHEDULE

DRAWING NO. E-10 SHEET NO. 119 TOTAL 143



SCALE: 1" = 20'

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

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DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT SAN ANTONIO DR TRAFFIC SIGNAL DEMOLITION PLAN

DRAWING NO. E-11 SHEET NO. 120 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2e Golden State Blvd at San Antonio Dr\02 Golden State Blvd at San Antonio Dr.dwg PLOT DATE: 8/23/2022 11:38:55 AM CAD USER: CSANCHEZ

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 11:59:37 AM CAD USER: CSANCHEZ

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FOWLER REGION

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GOLDEN STATE BLVD AT MANNING AVE TRAFFIC SIGNAL MODIFICATION PLAN

DRAWING NO. E-12 SHEET NO. 121 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 11:59:42 AM CAD USER: CSANCHEZ

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GOLDEN STATE BLVD AT MANNING AVE
LEGEND AND NOTES

DRAWING NO. E-13 SHEET NO. 122 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 11:59:50 AM CAD USER: CSANCHEZ

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GOLDEN STATE BLVD AT MANNING AVE EQUIPMENT AND CONDUCTOR SCHEDULE

DRAWING NO. E-14 SHEET NO. 123 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 11:59:55 AM CAD USER: CSANCHEZ

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GOLDEN STATE BLVD AT MANNING AVE TRAFFIC SIGNAL DEMOLITION PLAN

DRAWING NO. E-15 SHEET NO. 124 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:01 PM CAD USER: CSANCHEZ

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT TEMPERANCE AVE TRAFFIC SIGNAL PLAN

DRAWING NO. E-16 SHEET NO. 125 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:14 PM CAD USER: CSANCHEZ

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FOWLER REGION

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GOLDEN STATE BLVD AT TEMPERANCE AVE
LEGEND AND NOTES

DRAWING NO. E-17 SHEET NO. 126 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:22 PM CAD USER: CSANCHEZ

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FOWLER REGION

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GOLDEN STATE BLVD AT TEMPERANCE AVE CONDUCTOR AND EQUIPMENT SCHEDLUE

DRAWING NO. E-18 SHEET NO. 127 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:27 PM CAD USER: CSANCHEZ

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

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GOLDEN STATE BLVD AT SOUTH AVE
TRAFFIC SIGNAL PLAN

DRAWING NO. E-19 SHEET NO. 128 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 - Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:32 PM CAD USER: CSANCHEZ

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

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GOLDEN STATE BLVD AT SOUTH AVE LEGEND AND NOTES

DRAWING NO. E-20 SHEET NO. 129 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:37 PM CAD USER: CSANCHEZ

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

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GOLDEN STATE BLVD AT SOUTH AVE EQUIPMENT AND CONDUCTOR SCHEDULE

DRAWING NO. E-21 SHEET NO. 130 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:47 PM CAD USER: CSANCHEZ

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FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

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GOLDEN STATE BLVD AT MERCED ST TRAFFIC SIGNAL MODIFICATION PLAN

DRAWING NO. E-22 SHEET NO. 131 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:52 PM CAD USER: CSANCHEZ

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

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GOLDEN STATE BLVD AT MERCED ST
LEGEND AND NOTES

DRAWING NO. E-23 SHEET NO. 132 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:00:56 PM CAD USER: CSANCHEZ

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

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GOLDEN STATE BLVD AT MERCED ST
CONDUCTOR AND EQUIPMENT SCHEDLUE

DRAWING NO. E-24 SHEET NO. 133 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:01:02 PM CAD USER: CSANCHEZ

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DRAWING NO. E-25 SHEET NO. 134 TOTAL 143

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GOLDEN STATE BLVD AT ADAMS AVE TRAFFIC SIGNAL MODIFICATION PLAN

DRAWING NO. E-26 SHEET NO. 135 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:01:20 PM CAD USER: CSANCHEZ

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GOLDEN STATE BLVD AT ADAMS AVE
LEGEND AND NOTES

DRAWING NO. E-27 SHEET NO. 136 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 – Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:01:26 PM CAD USER: CSANCHEZ

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DESIGNED:	J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	08/23/2022		
CHECKED:	J. RIOS	08/23/2022		

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

811 CALL BEFORE YOU DIG

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

SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JOSE LUIS BENDEZU — No.C 62971 Exp:06/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT ADAMS AVE
EQUIPMENT AND CONDUCTOR SCHEDULE

DRAWING NO. E-28 SHEET NO. 137 TOTAL 143

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\P1_P2 Sheets\Phase 1\Region 3 - Fowler Phase 2 Sheets.dwg PLOT DATE: 8/23/2022 12:01:31 PM CAD USER: CSANCHEZ

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PROJECT

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FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

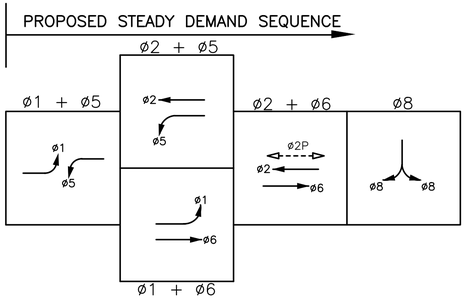
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT ADAMS AVE TRAFFIC SIGNAL DEMOLITION PLAN

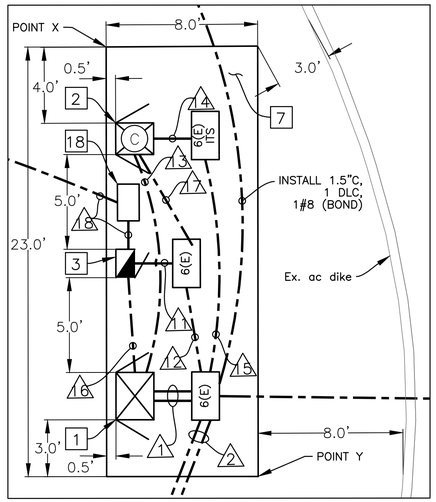
DRAWING NO. E-29 SHEET NO. 138 TOTAL 143

PATH: 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 PLOT DATE:8/23/2022 11:46:01 AM BY USER: CSANCHEZ

PROPOSED STEADY DEMAND SEQUENCE



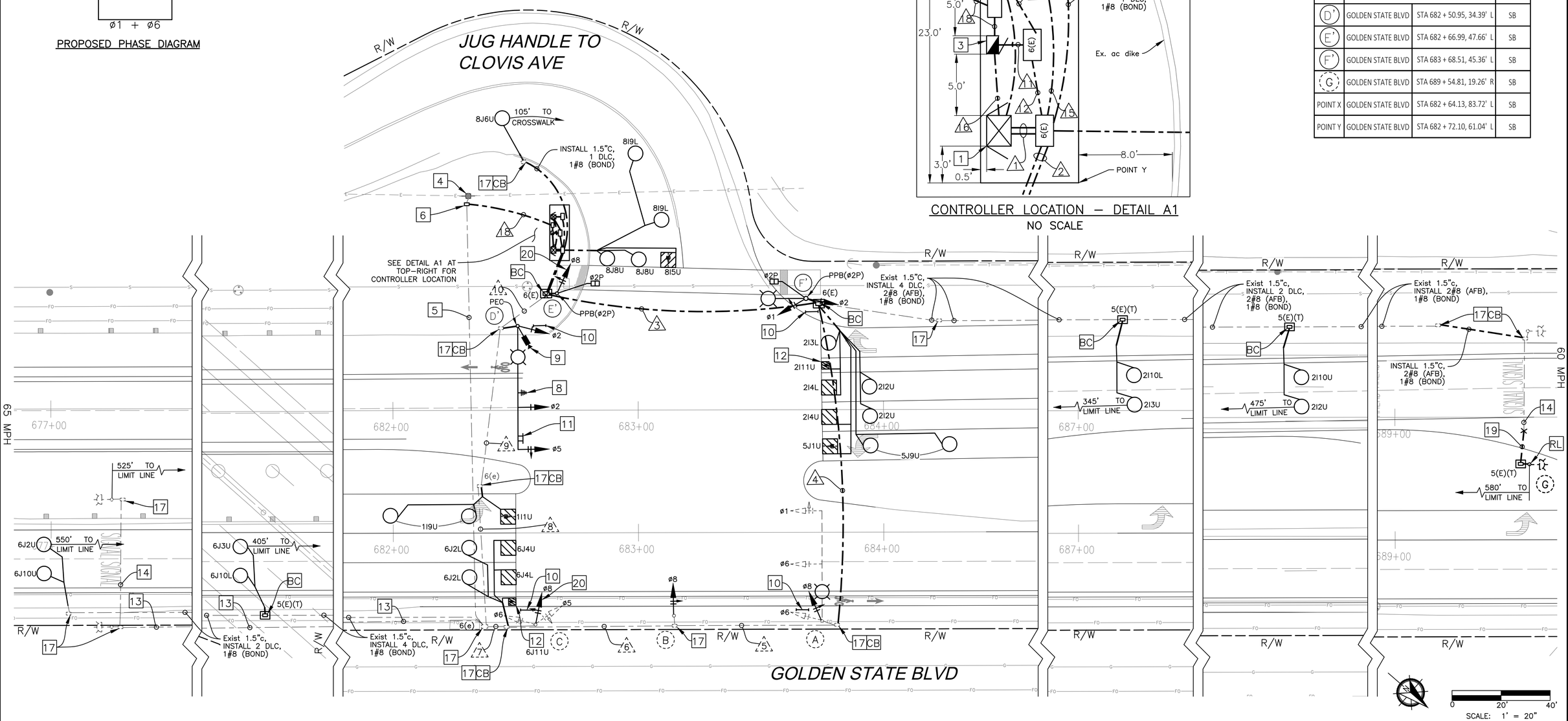
PROPOSED PHASE DIAGRAM



CONTROLLER LOCATION – DETAIL A1

NO SCALE

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
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



SCALE: 1' = 20"

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT JUG HANDLE TO CLOVIS AVE TRAFFIC SIGNAL MODIFICATION

DRAWING NO. E-30 SHEET NO. 139 TOTAL 143

PATH: 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.dwg PLOT DATE: 8/23/2022 11:46:56 AM BY USER: CSANCHEZ

PROJECT NOTES (FOR SHEET E-30 TO E-33 ONLY):

1. FURNISH AND INSTALL 2070LX CONTROLLER WITH 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 C11S CABLE WIRING. FRONT DOOR SHALL FACE WEST. FURNISH AND INSTALL GPS CLOCK.
2. FURNISH AND INSTALL MODEL 336 ITS CABINET AND ITS EQUIPMENT. SEE CITY OF FRESNO STANDARD DRAWINGS ITS-20A, ITS-21B, ITS-21C, AND ITS -21D COMPLETE TO CITY OF FRESNO SPECIFICATIONS AND REQUIREMENTS.
3. FURNISH AND INSTALL 26-100 SERVICE ENCLOSURE. CONTRACTOR SHALL COORDINATE WITH PG&E FOR POINT OF SERVICE CONNECTION AND METER SET.
4. EXISTING PG&E POINT OF SERVICE.
5. EXISTING 3" c, PG&E CONDUCTORS. CONTRACTOR TO COORDINATE WITH PG&E FOR THE DISCONNECT AND REMOVAL OF EXISTING CONDUCTORS ONCE THE NEW SERVICE ENCLOSURE AND CABINETS ARE OPERATIONAL.
6. PROPOSED PG&E POINT OF SERVICE LOCATION BOX (#2 PG&E BOX).
7. INSTALL 8' X 23' X 3.5" PCC PAD PER CITY OF FRESNO STANDARD P-5.
8. FURNISH AND INSTALL ITS WIRELESS EQUIPMENT PER CITY OF FRESNO DRAWING ITS-27A AND ITS-27B.
9. FURNISH AND INSTALL IP CAMERA PER CITY OF FRESNO STANDARD DRAWING ITS-18B.
10. FURNISH AND INSTALL TYPE I PED BARRICADE WITH AN R9-3.
11. FURNISH AND INSTALL R73-2 (MOD) "U-TURN ONLY" PER DETAIL J ON SHEET ED-1.
12. INSTALL 3x3 BIKE LOOP PER DETAIL D AS SHOWN ON SHEET ED-1.
13. EXISTING 1.5" c, ADD 2#8 (AFB), AND 1#8 (BOND).
14. EXISTING 1.5" c, 3#14 (AFB), ADD 1#8 (BOND).
15. RS CONTROLLER CABINET AND SERVICE CABINET. COMPLETELY REMOVE AND DISPOSE OF CONTROLLER CABINET AND SERVICE PEDESTAL FOUNDATIONS AND CONCRETE FLAT WORK.
16. RS ALL EXISTING PEDESTRIAN PUSH BUTTONS ON EXISTING POLE.
17. RS EXISTING PULL BOX LID AND INSTALL VANDAL RESISTANT PULL BOX LID.
18. NO. 5(E) PULLBOX INSCRIBED "ELECTRICAL".
19. INSTALL 1.5" C, 3#14 (AFB), AND 1#8 (BOND).
20. FURNISH AND INSTALL 3-SECTION VEHICLE HEAD PER DETAIL P ON SHEET ED-1.

LEGEND (SHEETS E-30 TO E-33 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.
- WIRELESS RADIO ANTENNA
- FURNISH AND INSTALL NEW IP VIEWING DEVICE
- NEW CONDUIT
- EXISTING CONDUIT
- 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.
- RS REMOVE AND SALVAGE EQUIPMENT.
- CB INSTALL NEW CONDUIT INTO EXISTING PULL BOX.
- BC INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- AB ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- 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.
- RL RELOCATE EQUIPMENT.

CONSTRUCTION NOTES (SHEETS E-30 TO E-33 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 (NEW AND EXISTING).
4. ANY BROKEN/DAMAGED PULLBOXES SHALL BE REPLACED.
5. ALL PULLBOXES SHALL HAVE LOCKING LIDS. TRAFFIC RATED LIDS SHALL BE WELDED CLOSED AFTER FINAL INSPECTION.
6. ALL UNUSED CONDUCTORS SHALL BE REMOVED.

GENERAL NOTES (FOR SHEETS E-30 TO E-33 ONLY):

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 2010 EDITION, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), AND THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS AND DRAWINGS. SIGNAL POLES/STANDARDS FOR 113KM/H WIND VELOCITY AND TYPE 1-A POLES SHALL BE PER THE STATE STANDARD PLANS AND SPECIFICATIONS, DATED JULY 1997.
2. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
3. NO ABOVE GROUND WORK, EXCEPT SERVICE EQUIPMENT, SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS ALL MATERIALS ON HAND TO COMPLETE THAT PARTICULAR SIGNAL LOCATION OR LIGHTING CIRCUIT.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO, DURING AND AFTER TRENCHING, JACKING AND/ OR BORING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA), BY CALLING 1-800-227-2600 AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK.
5. CONDUIT INSTALLATION ACROSS ROADWAYS SHALL BE BY JACKING AND DIRECTIONAL DRILLING METHODS UNLESS OTHERWISE NOTED ON THE PLANS.
6. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY RELOCATIONS, INCLUDING OVERHEAD CONFLICTS.
7. ALL TRAFFIC SIGNAL AND LIGHTING FACILITIES, INCLUDING CABINETS, STANDARDS, PULL BOXES, CONDUITS AND LOOP DETECTORS, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. AFTER ALL UNDERGROUND UTILITIES ARE MARKED, THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK TO OBSERVE THE MARKED LOCATIONS.
8. ALL SALVAGED EQUIPMENT SHALL BE RETURNED TO THE COUNTY OF FRESNO PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE COUNTY, CONTACT AT LEAST TWO (2) WORKING DAYS PRIOR TO DELIVERY. CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR SAFELY UNLOADING EQUIPMENT.
9. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS OR DRIVEWAYS. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION OF THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE TEMPORARY LIDS DURING CONSTRUCTION. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART. LIDS SHALL BE TORQUED TO 25 FT. LBS.
10. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS, AND SHALL HAVE A VANDAL RESISTANT (SEE NOTE ABOVE) LOCKING LID INSTALLED. ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT.
11. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.
12. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF FOWLER ENGINEER.
13. ALL NEUTRAL CONDUCTORS SHALL BE WHITE IN COLOR THROUGHOUT THEIR ENTIRE LENGTH.
14. TRAFFIC SIGNAL CABLE SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE TERMINAL COMPARTMENTS MOUNTED ON THE POLES. DETECTOR CABLES SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE PULL BOX ADJACENT TO THE DETECTOR LEAD-IN.
15. PEDESTRIAN MODULE SHALL BE INSTALLED ON THE LEFT SIDE, FACING THE FRONT, OF THE 332 CABINET.
16. SEAL CONDUIT WITH AN APPROVED DUCT SEAL AFTER ALL CONDUCTORS HAVE BEEN INSTALLED.
17. SEALANT FOR FILLING THE SAWCUT LOOPS SLOTS SHALL BE HOT-MELT RUBBERIZED ASPHALT SEALANT PER STATE OF CALIFORNIA SPECIFICATIONS, OR ELASTOMERIC SEALENT, 3M, BLACK 5000.
18. PEDESTRIAN PUSH BUTTONS SHALL HAVE 2" DIAMETER ACTUATORS AND COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
19. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. VEHICLE SIGNAL SECTIONS SHALL HAVE 12" (300 mm) DIAMETER LENSES WITH BACKPLATES AND TUNNEL VISORS. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL HAVE METAL AND RUBBER WASHERS INSTALLED ON THE INSIDE OF THE HEAD.
20. PEDESTRIAN SIGNAL UNITS SHALL BE FULL SYMBOL, MUTCD COMPLIANT, LED "COUNTDOWN" TYPE WITH 9 INCH NUMERALS; GELCORE MODEL PS7-CFF1-01A-18, OR APPROVED EQUAL. SIGNAL ALIGNMENT SHALL BE AS DIRECTED BY THE ENGINEER.
21. CONTRACTOR SHALL SCHEDULE WITH THE CITY OF FRESNO TSSL SHOP AT (559) 621-1312 ALL EQUIPMENT DELIVERIES WHICH REQUIRE TESTING BY THE CITY'S TSSL SHOP. EQUIPMENT SHALL BE DELIVERED BY THE CONTRACTOR ONLY AT A PREARRANGED TIME AND DAY.
24. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW OVERSIZED STREET NAME SIGNS ON SIGNAL STANDARDS, AS SHOWN ON THE PLAN. FURNISH AND INSTALL NEW MOUNTING BRACKETS AS NECESSARY. SUBMITTALS SHALL BE APPROVED BY THE CITY PRIOR TO ORDERING.
25. ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000 ANTI-GRAFFITI OVERLAY FILM.
26. THE CONTRACTOR SHALL CONTACT THE CITY OF FRESNO TRAFFIC OPERATIONS CENTER SUPERVISOR AT (559) 621-8669 TO OBTAIN I.T.S. EQUIPMENT SPECIFICATIONS PRIOR TO THE COMMENCEMENT OF WORK.
27. TONEABLE CONDUIT SHALL BE CHECKED FOR CONTINUITY AND BONDED TO EARTH GROUND.
28. CONDUITS EXITING THE CONTROLLER FOUNDATION AND ENTERING INTO THE CONTROLLER CABINET SHALL BE ALIGNED TO ENTER WITHIN THE TEES SPECIFIED CABINETS WITHOUT ANY MODIFICATIONS TO THE CABINET BASE.
29. ALL RESURFACING SHALL MATCH EXISTING SURFACES AFTER SIGNAL FACILITIES ARE REMOVED AND/OR RELOCATED.
30. THE EXISTING TRAFFIC SIGNAL SYSTEM, INCLUDING DETECTION, AND/OR STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION, UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE CITY ENGINEER.
31. ALL LUMINAIRE CIRCUITS SHALL BE FUSED. THE FUSE SHALL BE LOCATED IN THE LUMINAIRE HEAD (5 AMP KTK FUSE IN TRON HEB TYPE FUSE HOLDER).
32. THE CONTRACTOR SHALL FURNISH AND INSTALL POLE NUMBERS WHEN PG&E INDICATES THE NUMBER. POLE NUMBERS SHALL BE SHOWN ON THE AS BUILT DRAWINGS.
33. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE ACCESSIBLE (AUDIBLE) PEDESTRIAN SIGNAL (APS) SYSTEM (2-WIRE POLARA NAVIGATOR OR APPROVED EQUAL) IN CONFORMANCE WITH THE CITY OF FRESNO STANDARD SPECIFICATIONS. THE APS SHALL PROVIDE BOTH A VIBRATING ARROW BUTTON AND AUDIBLE SOUNDS DURING THE "WALK" INTERVAL, AS WELL AS A LOCATING TONE DURING THE PEDESTRIAN CLEARANCE AND DON'T WALK INTERVALS. THE APS SYSTEM SHALL MEET CURRENT ADA AND CA-MUTCD REQUIREMENTS. ALL PEDESTRIAN PUSH BUTTONS SHALL HAVE A FOUR FOOT ACCESSIBLE PATH IN FRONT OF THE BUTTON. THE APS CENTRAL CONTROL UNIT (CCU) SHALL BE MOUNTED WITH A CITY-APPROVED MANUFACTURED BRACKET, McCAIN M49021 OR APPROVED EQUAL. CCU SHALL BE MOUNTED TO THE REAR RACK, IN THE UPPER LEFT CORNER WHEN VIEWED FROM THE FRONT OF THE CABINET. THE POWER SUPPLY PIGTAIL SHALL BE CUT TO LENGTH TO ELIMINATE EXCESS CABLE, WITH POWER OBTAINED FROM THE PDA T1 TERMINAL STRIP, TERMINALS 1, 3, & 5. CONTRACTOR SHALL PROVIDE THE COUNTY THE LATEST MEANS OF PROGRAMMING THE APS SYSTEM AND DIGITAL COPIES OF THE CUSTOM AUDIO VIA EMAIL.
34. ALL TRAFFIC SIGNAL AND STREET LIGHT MATERIALS SHALL BE APPROVED BY THE CITY OF FRESNO TSSL DIVISION IN WRITING PRIOR TO ORDERING OF MATERIALS. ALL MATERIALS NOT APPROVED PRIOR TO ORDERING SHALL BE SUBJECT TO REJECTION AT NO COST TO THE CITY.
35. ANY STREET LIGHT OR TRAFFIC SIGNAL PULL BOX IN THE SCOPE OF WORK OR ACCESSED BY THE CONTRACTOR SHALL BE CLEANED COMPLETELY, GROUTED, AND DUCT SEAL INSTALLED IN CONDUITS.
36. ANY BROKEN PULL BOX WITHIN THE PROJECT SHALL BE REPLACED BY THE CONTRACTOR.
37. ANY PULL BOX ADJUSTED TO GRADE MUST BE ABLE TO ACCEPT A CITY OF FRESNO APPROVED LOCKING LID AND THE CONDUITS MUST BE ADJUSTED TO MEET THE CITY OF FRESNO STANDARDS.
38. ANY EXISTING CONDUITS UTILIZED FOR CABLE INSTALLATION SHALL BE BRUSHED CLEAN AND BLOWN FREE OF DEBRIS WITH A COMPRESSOR PRIOR TO CABLE INSTALLATION.

ITS GENERAL NOTES (FOR SHEETS E-30 TO E-33 ONLY):

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF FRESNO STANDARD SPECIFICATIONS, DRAWINGS, TECHNICAL SPECIFICATIONS AND THE SPECIAL PROVISIONS.
2. ALL ITS FACILITIES, INCLUDING THE CABINETS, CAMERA STANDARDS, VAULTS, CONDUITS, ARE SHOWN IN THEIR APPROXIMATE LOCATION. THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST 2 WORKING DAYS PRIOR TO COMMUNING TO WORK TO VERIFY MARKED LOCATIONS.
3. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY RELOCATIONS, INCLUDING OVERHEAD CONFLICTS.
4. CONTRACTOR SHALL FURNISH AND INSTALL C11S CABLE IN 332 CABINET PER CITY OF FRESNO STANDARD E-34B AS NOTED ON THE PLANS.
5. INTELLIGENT TRANSPORTATION SYSTEM SHALL BE OPERATIONAL AND RESTORED IN KIND, UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL MAINTAIN 2 FEET LOOP MINIMUM EXCESS OF IP CAMERA CABLES IN THE #6 PULL BOX.
7. CONTRACTOR SHALL UTILIZE RED TAPE FOR IP CAMERA AND BLUE TAPE FOR WIRELESS ANTENNA CAT5E.
8. PRIOR TO ANY EXCAVATION AND/OR BORING, CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSINGS TO VERIFY SIZE, DEPTH AND TYPE OF PIPE. MAINTAIN MINIMUM CLEARANCES AND EXISTING UTILITIES PER APPLICABLE CITY OF FRESNO STANDARD DRAWINGS ITS-6, ITS-7, ITS-8, ITS-9 AND ITS-10.
9. SURFACE INTERIOR AND EXTERIOR FINISH OF ALUMINUM COMMUNICATION CABINET MUST COMPLY WITH MIL-A-8625 FOR TYPE II, CLASS 1 COATING (REF: SECTION 86-3.01 OF THE 2010 STATE STANDARD SPECIFICATIONS).
10. POLE HANDHOLE SHALL BE WELDED IN PLACE AFTER ALL PROVIDED WORK ON EXISTING POLE IS COMPLETED AND INSPECTED. CONTRACTOR SHALL PROTECT CONDUCTORS FROM DAMAGE DURING WELDING.
11. ALL EXISTING DATA CABLES FROM THE 2070 CONTROLLER TO THE NETWORK SWITCH IN THE COMMUNICATION CABINET SHALL BE REPLACED WITH NEW OUTDOOR SHIELDED CAT5E CABLE, UNLESS OTHERWISE NOTED ON THE INTERSECTION PLANS.
12. ANY DEFECTIVE EXISTING LOOP MODULES SHALL BE REMOVED AND BECOME PROPERTY OF THE CONTRACTOR. ALL PROPOSED LOOP MODULES (222 TWO CHANNEL) AS NOTED ON THE PLANS SHALL BE INSTALLED PER CITY STANDARDS AND SPECIFICATIONS.
13. ALL IP CAMERAS SHALL BE PANORAMIC, UNLESS OTHERWISE NOTED ON PLANS.
14. REMOVE UNUSED ITS EQUIPMENT IN TRAFFIC SIGNAL (332) CABINET AS DIRECTED BY THE ENGINEER.

ITS WIRELESS NOTES (FOR SHEETS E-30 TO E-33 ONLY):

1. THE CONTRACTOR SHALL BE OBLIGATED TO FAMILIARIZE THEMSELVES WITH CURRENT SIGNAL POLES IN FIELD PRIOR TO CONSTRUCTION.
2. RADIO AND ONE ANTENNA SHALL BE MOUNTED BEHIND SIGNAL HEAD FOR THE LEAST AMOUNT OF WIND LOADING.
3. SHIELDED, OUTDOOR RATED CAT5E CABLE LENGTH SHALL NOT EXCEED 300 FEET. SEE CITY OF FRESNO STANDARD ITS-27A AND ITS-27B FOR FURTHER DETAILS.
4. A LOW LOSS 50 OHM COAX CABLE SHALL BE USED TO CONNECT THE ANTENNA TO THE ACCESS POINT UNIT.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY VISUAL OBSTACLES THAT MAY OBSTRUCT THE LINE OF SIGHT PRIOR TO INSTALLATION, SUCH AS TREES, GRADE SEPARATIONS, ETC.
6. A SEPARATION OF AT LEAST 2 FEET BETWEEN ANTENNAS IS REQUIRED.
7. TERMINATIONS OF OUTDOOR RATED SHIELDED CAT5E WITH SHIELDED GROUNDING, CONTRACTOR SHALL USE RJ-45 SHIELDED MODULAR CONNECTOR WITH INTERNAL GROUND.
8. CAT5E CONNECTION TO ACCESS POINT SHALL BE MADE USING THE WATERPROOF CONNECTOR SUPPLIED WITH THE ACCESS POINT.
9. ALL ANTENNAS SHALL BE ORIENTED IN THE VERTICAL POLARIZATION POSITION WHEN INSTALLED.
10. CONTRACTOR SHALL TRIM AND DISPOSE OF BRANCHES FROM ALL TREES THAT MAY OBSTRUCT LINE OF SIGHT OF WIRELESS ITS PRIOR TO INSTALLATION AS DIRECTED BY THE ENGINEER.
11. RADIO RSSI BETWEEN ADJACENT INTERSECTIONS SHALL BE BETWEEN -60DBM AND -40DBM FOR ALL RADIOS INSTALLED ON THIS PROJECT. OPTIMAL RSSI IS -55DBM. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS AT ADJACENT INTERSECTIONS IF NECESSARY.
12. RADIO CCQ VALUES SHALL BE A MINIMUM OF 75% PER MANUFACTURER RECOMMENDATION. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS AT ADJACENT INTERSECTIONS IF NECESSARY.

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SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER — JESSE LUIS BENAVIDES — No.C 62971 Exp:06/30/24 — CIVIL — STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT JUG HANDLE TO CLOVIS AVE LEGEND AND NOTES

DRAWING NO. E-31 SHEET NO. 140 TOTAL 143

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
			2-4"	2-4"	4"	4"	3"	3"	3"	3"	3"	3"	2"	2"	2-1½" HDPE	4-1½" HDPE	2-1½" HDPE	1½"	2"	2"
CONDUIT FILL			14%	15%	14%	4%	1%	3%	11%	16%	18%	24%	18%	16%	1%	1%	1%	14%	3%	13%
7 COND. CABLE (VEH.) *	A	1,6,8	2 -	2 -	2 -	2 -														
	B	8	1 -	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 2P	1 1	1 1																
	F'	1,2 2P	1 1	1 1	1 1															
TOTAL			8 2	8 2	3 1	2 -		1 -	3 -	3 -	3 -	4 -								
3 COND. CABLE (PPB)	E'	2P	1	1																
	F'	2P	1	1	1															
TOTAL			2	2	1															
TYPE C DETECTOR LEAD-IN CABLE	Ø1		2	2								2	2							
	Ø2		9	9	9															
	Ø5		2	2	2															
	Ø6		8	8					4	8	8	8								
	Ø8		4																	
	TOTAL DLC		25	21	11				4	8	10	10								
# 2	SERVICE																			3
# 4	SIGNAL POWER																	2		
# 6	SAFETY LIGHTS			2	2	2						2	2	2						
# 8	FLASHING BEACON			4	2					2	2	2	4	4						
# 8	BONDING WIRE		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												2						2	
CAT5E	WIRELESS ANTENNA			1								1				1	1			
CAT5E	IP CAMERA			1								1				1	1			
CAT5E	CABINETS														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. FURNISH AND INSTALL NEW Ø8 VEHICLE SIGNAL HEAD ON POLE AND LUMINAIRE ON LMA 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. FURNISH AND INSTALL NEW Ø8 3-SECTION HEAD PER DETAIL O 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$_{F=17'}$	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 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 6	SP-2-T	8 6	RIGHT LEFT	150W	XXXX	REMOVE AND SALVAGE EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
F'	15TS (N)	–	12' (N)	–	SV-2-TA (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.

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 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.
4. LED INTERSECTION SAFETY LIGHT LUMINAIRES INSTALLED AND SHALL BE CREE RSWS-A-HT-3ME-6L-4OK7-UL-GY-N FULL POWER: 78W, 9325 LUMEN, 4000K, CRI70-B1-U0-G2, RSWS9056&SP.

PATH: 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 PLOT DATE: 8/23/2022 11:47:43 AM BY USER: CSANCHEZ
PAGE SIZE: 22x34 (Arch D)

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	08/23/2022	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	08/23/2022		
CHECKED:	J. RIOS	08/23/2022		

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

811 CALL BEFORE YOU DIG

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

SUPERVISING ENGINEER — 08/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No.C 62971 Exp:06/30/24 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

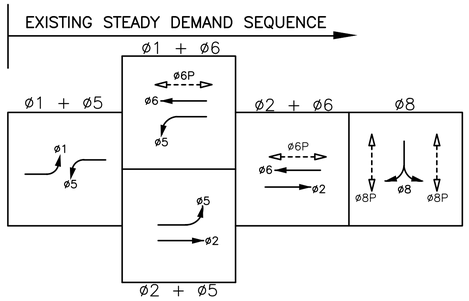
FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

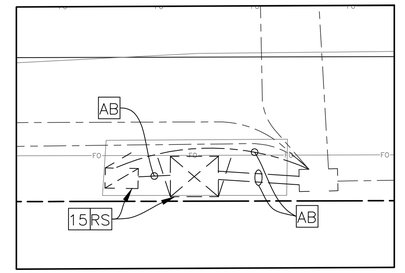
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT JUG HANDLE TO CLOVIS AVE COND. AND EQUIP. SCHEDULE

DRAWING NO. E-32 SHEET NO. 141 TOTAL 143

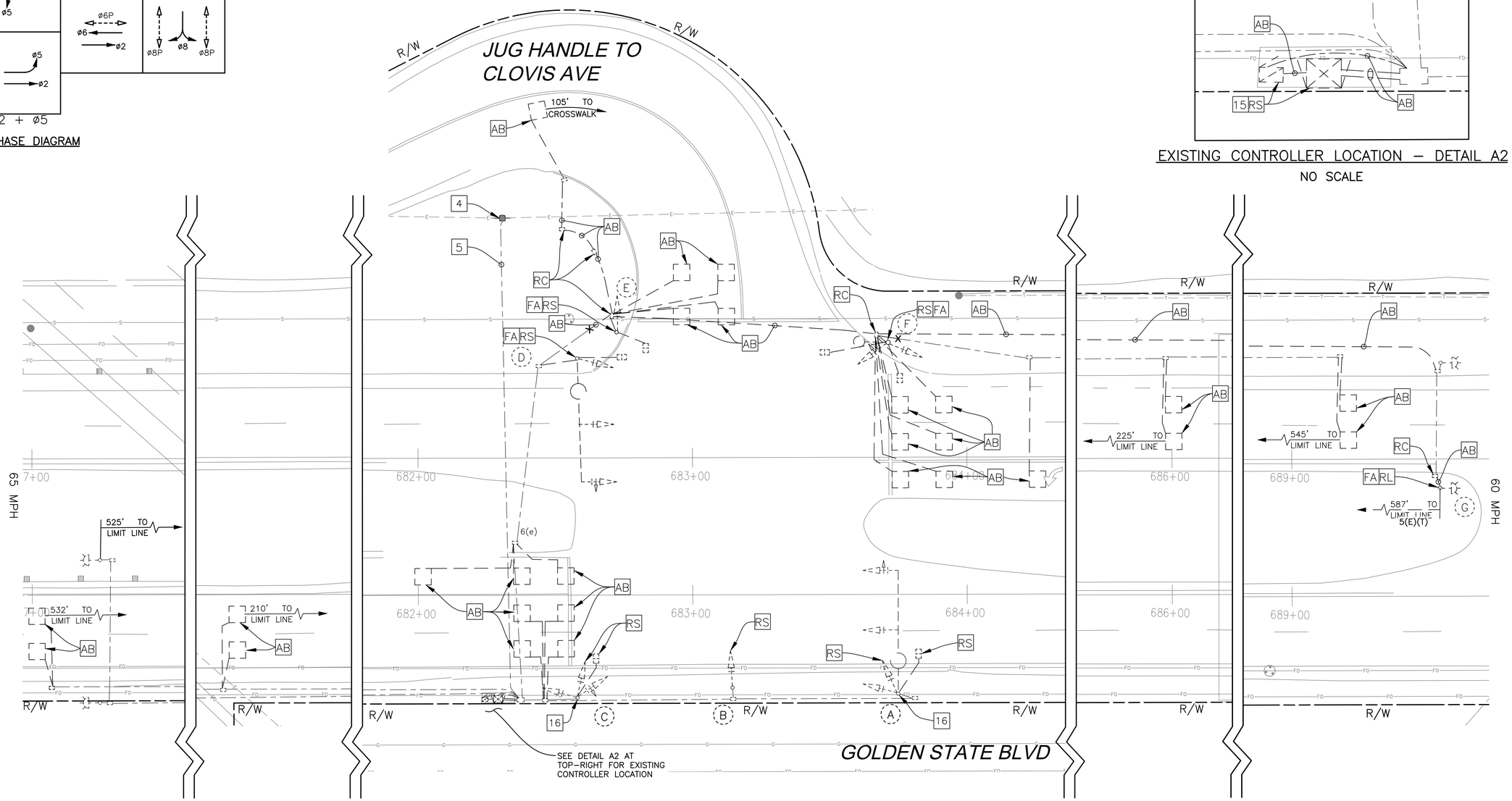


EXISTING PHASE DIAGRAM



EXISTING CONTROLLER LOCATION – DETAIL A2

NO SCALE



0 20' 40'
SCALE: 1' = 20"

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
FOWLER REGION

CITY OF FOWLER CALIFORNIA 1908

DEPARTMENT OF PUBLIC WORKS AND PLANNING

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

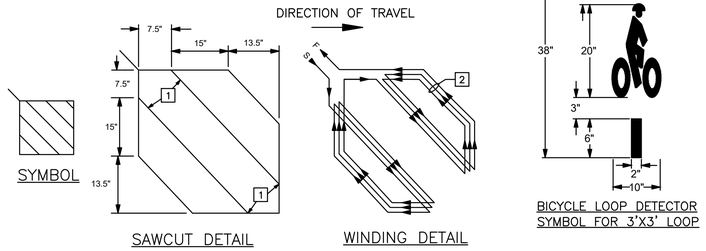
DRAWING NO. E-33 SHEET NO. 142 TOTAL 143

PATH: 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 PLOT DATE: 8/23/2022 11:48:45 AM USER: CSANCHEZ

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\General Details and Notes\GSB Detail - Fowler Region.dwg
PLOT DATE: 8/23/2022 2:47:38 PM
CAD USER: CSANCHEZ

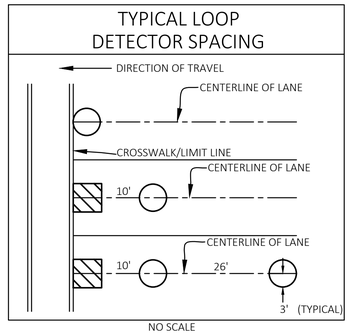
DETAIL D NOTES

1. ROUND CORNERS OF ACUTE ANGLE SAWCUTS TO PREVENT DAMAGE TO CONDUCTORS.
2. INSTALL 3 TURNS WHEN ONLY ONE BIKE LOOP IS ON A SENSOR UNIT CHANNEL. INSTALL 5 TURNS WHEN ONE BIKE LOOP IS CONNECTED IN SERIES WITH 3 ADDITIONAL 6' X6' LOOPS ON A SENSOR UNIT CHANNEL.



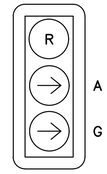
SAWCUT DETAIL (3'X3')
DETECTOR CONFIGURATION

TYPE D 3'X3' BIKE LOOP – DETAIL D
NO SCALE



TYPICAL LOOP DETECTOR PLACEMENT – DETAIL E

R73-2 (MOD) – DETAIL J



3-SECTION RIGHT TURN HEAD – DETAIL P
NO SCALE

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

FOWLER REGION

THE CITY OF FOWLER CALIFORNIA 1909

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD DETAILS
FOWLER REGION

DRAWING NO. ED-1 SHEET NO. 143 TOTAL 143