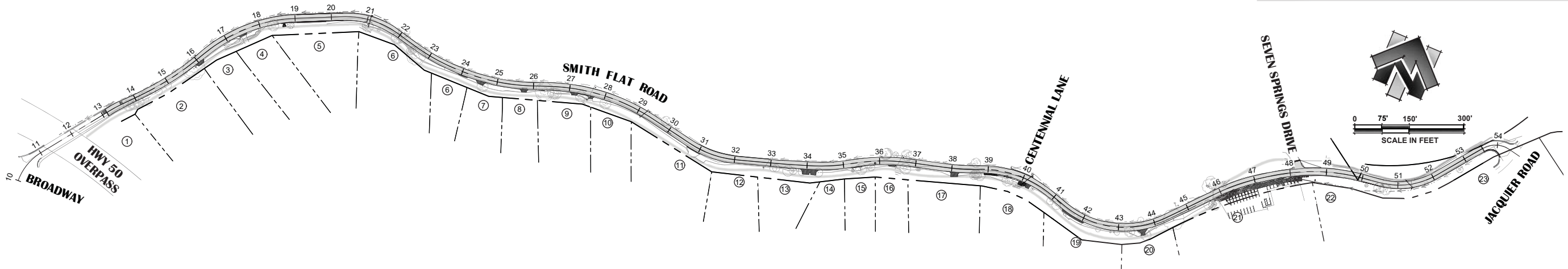
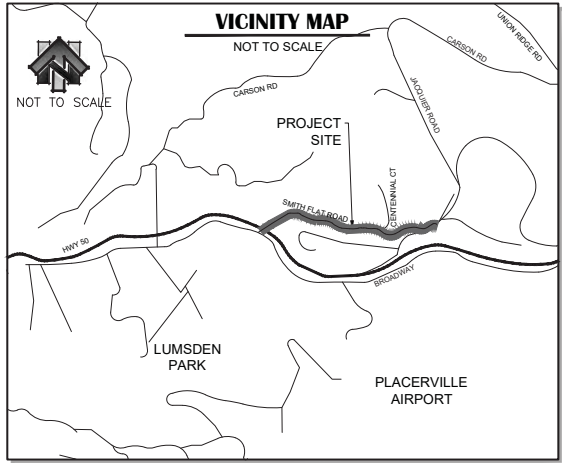


CITY OF PLACERVILLE, CALIFORNIA
ENGINEERING DEPARTMENT
PROJECT PLANS FOR:
SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

R.E.Y. PROJECT No. 6884.018 / CIP #42213

UTILITY REPRESENTATIVES		
UTILITY	REPRESENTATIVE	TELEPHONE
ELECTRICITY PG & E	JOSHUA R. BERGER	(209) 986-0184
TELEPHONE AT&T	NATHAN DIXON	(916) 296-6359
WATER EL DORADO IRRIGATION DISTRICT	LIZ CARRINGTON	(530) 642-4135
SEWER CITY OF PLACERVILLE	PUBLIC WORKS DEPT	(530) 642-5250
DRAINAGE CITY OF PLACERVILLE	PUBLIC WORKS DEPT	(530) 642-5250
U.S.A. U.S.A.		1-800-227-2600
FIRE FIRE DEPARTMENT	BRANDON MCKAY	(530) 644-9630
CABLE TV COMCAST	CAMERON ALVES	C: (916) 200-9060



SHEET INDEX

- C01 - TITLE SHEET
C02 - TYPICAL SECTIONS AND SURVEY CONTROL
C03 - DETAILS (1)
C04 - DETAILS (2)
C05 - DEMOLITION PLAN - STA. 10+00 TO 18+50
C06 - DEMOLITION PLAN - STA. 18+50 TO 26+50
C07 - DEMOLITION PLAN - STA. 26+50 TO 35+00
C08 - DEMOLITION PLAN - STA. 35+00 TO 43+00
C09 - DEMOLITION PLAN - STA. 43+00 TO 51+00
C10 - DEMOLITION PLAN - STA. 51+00 TO 55+00
C11 - LAYOUT PLAN & PROFILE - STA. 10+00 TO 14+50
C12 - LAYOUT PLAN & PROFILE - STA. 14+50 TO 18+50
C13 - LAYOUT PLAN & PROFILE - STA. 18+50 TO 22+50
C14 - LAYOUT PLAN & PROFILE - STA. 22+50 TO 26+50
C15 - LAYOUT PLAN & PROFILE - STA. 26+50 TO 31+00
C16 - LAYOUT PLAN & PROFILE - STA. 31+00 TO 35+00
C17 - LAYOUT PLAN & PROFILE - STA. 35+00 TO 39+00
C18 - LAYOUT PLAN & PROFILE - STA. 39+00 TO 43+00
C19 - LAYOUT PLAN & PROFILE - STA. 43+00 TO 47+00
C20 - LAYOUT PLAN & PROFILE - STA. 47+00 TO 51+00
C21 - LAYOUT PLAN & PROFILE - STA. 51+00 TO 55+00
C22 - SD LINE "A" PLAN & PROFILE

- | | | | | |
|---|--|---|--|--|
| ① APN: 049-141-017
ADDRESS: NO ADDRESS
OWNER: THOMAS | ⑥ APN: 049-141-022
ADDRESS: NO ADDRESS
OWNER: CANTON TRUST | ⑪ APN: 049-141-010
ADDRESS: 1868 SMITH FLAT RD
OWNER: HUDOCK & NANCY JO TRUST | ⑰ APN: 049-110-021
ADDRESS: 1934 SMITH FLAT RD
OWNER: ZUSCHLAG | ⑳ APN: 049-110-031
ADDRESS: 2020 SMITH FLAT RD
OWNER: HANGTOWN GRANGE #464 |
| ② APN: 049-141-018
ADDRESS: 1650 SMITH FLAT RD
OWNER: KESSLER TRUST | ⑦ APN: 049-141-014
ADDRESS: 1828 SMITH FLAT RD
OWNER: RHEAULT TRUST | ⑫ APN: 049-141-008
ADDRESS: 1795 SMITH FLAT RD
OWNER: MUSTER TRUST | ⑱ APN: 049-110-022
ADDRESS: 1940 SMITH FLAT RD
OWNER: LEPE TRUST | ㉑ 048-290-044
ADDRESS: 3145 JACQUIER RD
OWNER: BROWN |
| ③ APN: 049-141-019
ADDRESS: 1658 SMITH FLAT RD
OWNER: DESSLER TRUST | ⑧ APN: 049-141-003
ADDRESS: 1834 SMITH FLAT RD
OWNER: BRENNAN TRUST | ⑬ APN: 049-141-016
ADDRESS: 1900 SMITH FLAT RD
OWNER: STONE | ⑲ APN: 049-110-023
ADDRESS: 1950 SMITH FLAT RD
OWNER: DEMIDOFF | ㉒ 048-290-043
ADDRESS: NO ADDRESS
OWNER: CITY OF PLACERVILLE |
| ④ APN: 049-141-020
ADDRESS: 1666 SMITH FLAT RD
OWNER: DITTMANN | ⑨ APN: 049-141-004
ADDRESS: 1846 SMITH FLAT RD
OWNER: DEPT OF VETERANS AFFAIRS | ⑭ APN: 049-110-017
ADDRESS: 1912 SMITH FLAT RD
OWNER: GOODRICH | ⑳ APN: 049-110-026
ADDRESS: 1970 SMITH FLAT RD
OWNER: RAINES REVOCABLE TRUST | |
| ⑤ APN: 049-141-021
ADDRESS: 1778 SMITH FLAT RD
OWNER: NEWPORT | ⑩ APN: 049-141-011
ADDRESS: 1854 SMITH FLAT RD
OWNER: MARKLEY | ⑯ APN: 049-110-027
ADDRESS: 1920 SMITH FLAT RD
OWNER: JANES | ㉓ 049-110-030
ADDRESS: 1988 SMITH FLAT RD
OWNER: NELSON REVOCABLE TRUST | |

GENERAL NOTES:

OWNER OF RECORD

CITY OF PLACERVILLE
3101 CENTER ST,
PLACERVILLE, CA 95667
(530)621-2489

GEOTECHNICAL ENGINEERING REPORT

TITLE: GEOTECHNICAL INVESTIGATION SMITH FLAT
ROAD STORM DRAIN AND REPAVING PROJECT
DATE: APRIL 30, 2025
PROJECT NUMBER: 6884.018
PREPARED BY: GEOCON CONSULTANTS, INC.

BENCH MARK

DESCRIPTION

SEE SHEET C02 FOR BENCHMARK INFORMATION.

BASIS OF BEARING

SEE SURVEY CONTROL SHEET C02.

RECORD DRAWING CERTIFICATE:

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF _____.
IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

RESIDENT ENGINEER

CARLYE BUCHHOLZ, P.E., P.L.S.

MELISSA SAVAGE, P.E., CITY ENGINEER

APPROVED BY CITY OF PLACERVILLE

MELISSA SAVAGE, P.E., CITY ENGINEER

R.C.E. 72264

05-19-2025

DATE

DESIGNED UNDER THE DIRECTION OF

CARLYE BUCHHOLZ, P.E., P.L.S.

R.C.E. 86616

05-19-2025

DATE

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP #42213

TITLE SHEET

CITY OF PLACERVILLE

DRAWING INFO

DATE: 5/8/2025
DRAFTER: JC
DESIGNER: CR
REVIEWER: CR

PROJECT NO.
6884.018

SHEET NO. C01 OF C22



N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 TYPICAL SECTIONS.dwg May 16, 2025 - 4:36pm, gramos

LEGEND

SCALED FOR CLARITY

PROPOSED

XX"SD SD PIPE AND SIZE

S SSMH

XX"SS SS PIPE AND SIZE

STOP

PAVEMENT MARKING - WORDS
(SEE CALTRANS 2024 STANDARD PLAN
A24D & A24E)

EXISTING

C (E)COMMUNICATIONS UNDERGROUND LINE

SS (E)SANITARY SEWER PIPE

SD (E)STORM DRAIN PIPE

S (E)SSMH

D (E)SDMH

(E)TREE

(E)UTILITY POLE

(E)DITCH

(E)MAILBOX

(E)SD CULVERT INLET/OUTLET

(E)TELEPHONE POLE

(E)JOINT POLE

(E)POWER POLE

(E)SEWER CLEANOUT

(E)CULVERT REFLECTOR

(E)GUY ANCHOR

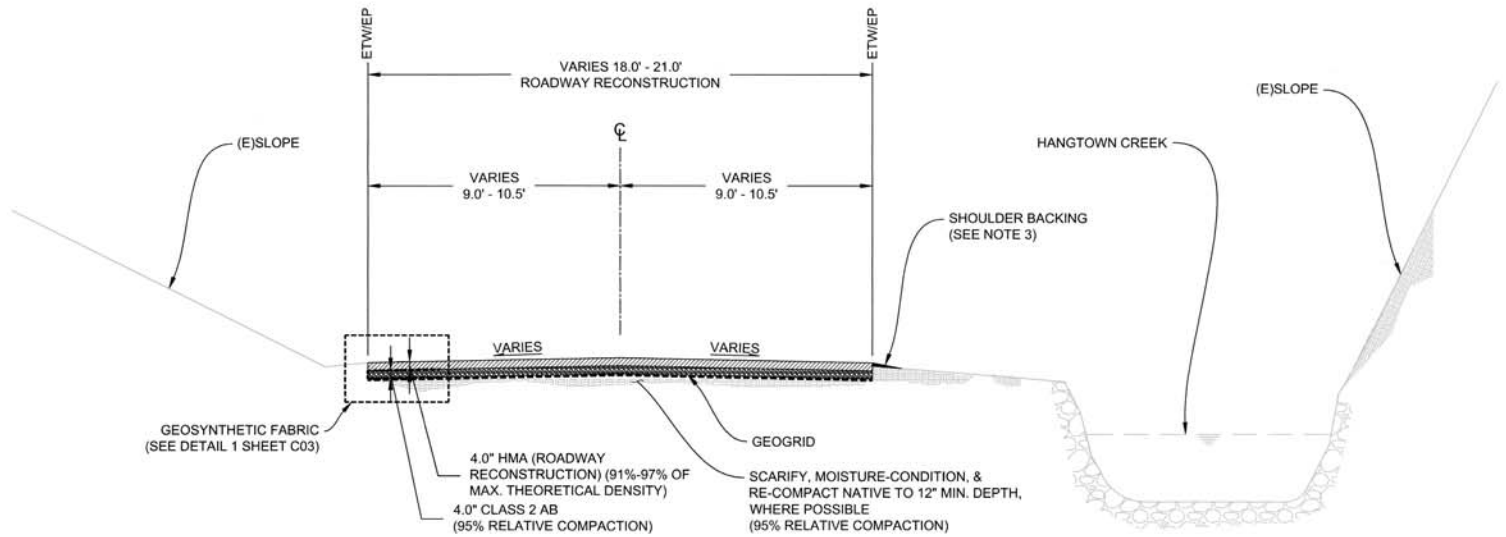
(E)SIGN

(E)R/W

(E)PROPERTY LINE

ABBREVIATIONS

AB	AGGREGATE BASE
ABN	ABANDONED
AC	ASPHALT CONCRETE
APN	ASSESSOR PARCEL NUMBER
BC	BEGINNING OF CURVE
BLDG	BUILDING
CL	CONSTRUCTION CENTERLINE
CLR	CLEARANCE
COMM	COMMUNICATION
CONC	CONCRETE
CP	CONTROL POINT
DI	DRAINAGE INLET
DWY	DRIVEWAY
E	ELECTRIC
EG	EXISTING GROUND
EL	ELEVATION
EP	EDGE OF PAVEMENT
ETW	EDGE OF TRAVELED WAY
(E)	EXISTING
FG	FINISH GRADE
FL	FLOW LINE
FT	FEET
H	HORIZONTAL
HMA	HOT MIX ASPHALT (TYPE A)
INV	INVERT
LT	LEFT
LF	LINEAR FOOT
LL	LIMIT LINE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
NTS	NOT TO SCALE
OH	OVERHEAD
P.C.C.	PORTLAND CEMENT CONCRETE
PVMT	PAVEMENT
R&R	REMOVE & REPLACE
R/W	RIGHT OF WAY
RD	ROAD
RT	RIGHT
RSP	ROCK SLOPE PROTECTION
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SF	SQUARE FOOT
SHLD	SHOULDER
SPECS	SPECIFICATIONS AND SPECIAL PROVISIONS
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
SW	SIDEWALK
TBC	TOP BACK OF CURB
TYP	TYPICAL
VAR	VARIES
WH/AP	WHERE APPLICABLE
W	WATER
WM	WATER METER
XING	CROSSING



- NOTES:
1. THE MIRRORED VERSION OF THIS SECTION ACROSS THE CENTERLINE MAY APPLY FOLLOWING THE POINT AT WHICH HANGTOWN CREEK CROSSES THE ROADWAY.
 2. CENTERLINE OF THIS SECTION FOLLOWS THE "S" LINE CONSTRUCTION ALIGNMENT.
 3. GRINDINGS FROM REMOVE BASE & SURFACING MAY BE USED FOR SHOULDER BACKING AT EP.
 4. PLACEMENT OF TRAFFIC STRIPES SHALL BE PER CALTRANS 2024 STANDARD PLAN A20B.

TYPICAL ROAD SECTION

SMITH FLAT ROAD N.T.S.

PROJECT CONTROL

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
401	2031355.676	6912437.58	2041.347	MAG
101	2031344.906	6916218.86	2215.827	MAG NAIL IN TC
100	2031232.037	6915494.223	2193.528	MAG

HORIZONTAL DATUM
NAD83 (2007) CALIFORNIA ZONE 2 U.S. SURVEY FEET
UTILIZING NGS GEODETIC CONTROL POINTS: AC9231, AC9233, DH6459

VERTICAL DATUM
NAVD88 CORRELATED TO CONTROL POINTS 105 & 112 PER THE "UPPER BROADWAY BIKE LANES CIP #41508" ON FILE WITH THE CITY OF PLACERVILLE.

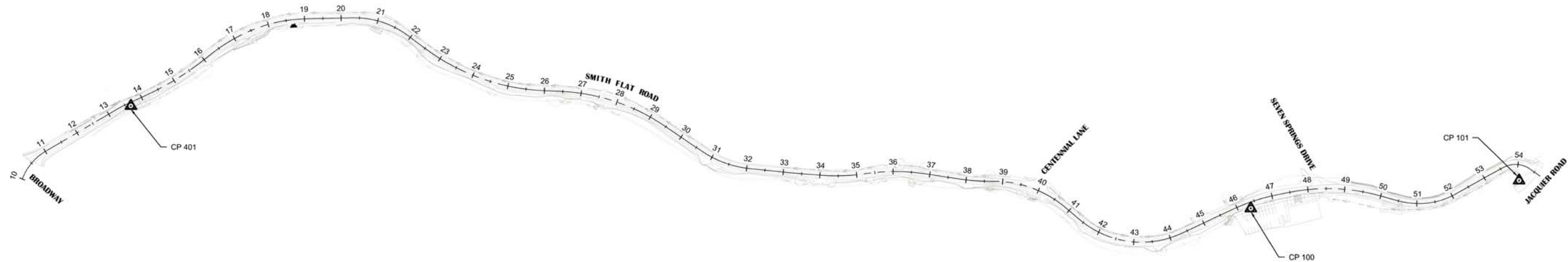
GRID TO GROUND CONVERSION: GRID * 1.0001652010 = GROUND

CONTRACTOR SHALL COMPLY WITH THE BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING, AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN PLANS.



APPROVED BY UNICO

ADAM BISHOP, P.L.S. LS # 9585 5.19.25 DATE



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N.T.S.



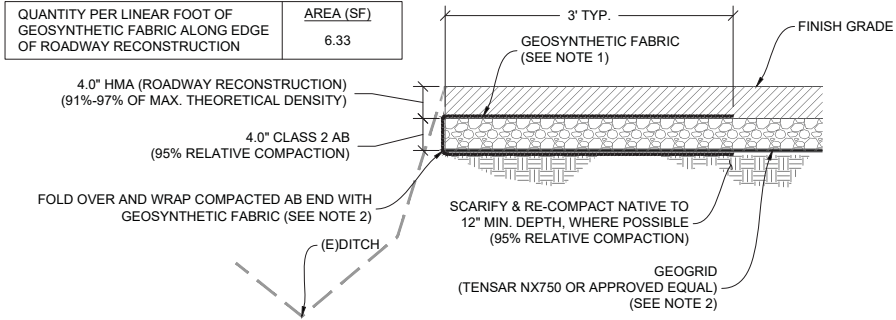
R.E.Y. ENGINEERS, INC.
Civil Engineering/Land Surveying/Plumbing/Seismic
9055 Sunset Street, Suite 200, Placerville, CA 95367
(916) 366-3040 Fax (916) 366-3303

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP # 42213
TYPICAL SECTIONS AND SURVEY CONTROL
CITY OF PLACERVILLE CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: AC
DESIGNER: GR
REVIEWER: CR

PROJECT NO.
6884.018
SHEET NO. 002 OF 022

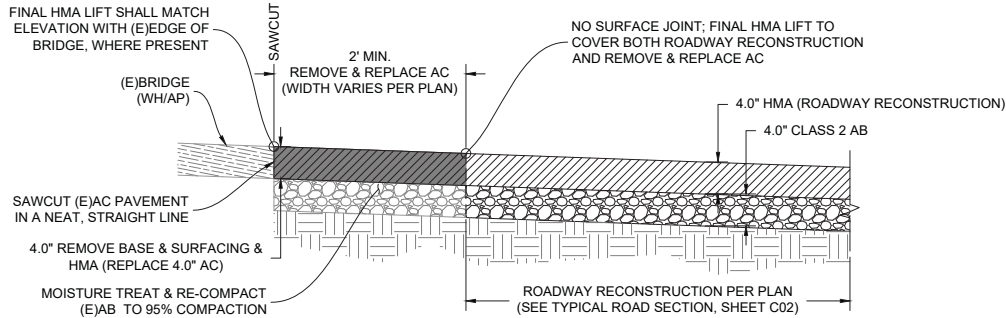
N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 TYPICAL SECTIONS.dwg May 19, 2025 - 2:16pm, gromos



- NOTES:
1. GEOSYNTHETIC FABRIC SHALL ONLY BE INSTALLED AT LOCATIONS WHERE ROADWAY RECONSTRUCTION IS ADJACENT TO EXISTING DITCH AS INDICATED PER PLAN.
 2. GEOSYNTHETIC FABRIC SHALL BE PLACED DIRECTLY ON THE SUBGRADE, FOLLOWED BY THE GEOGRID SO THAT THE CLASS 2 AB IS IN DIRECT CONTACT WITH THE GEOGRID.
 3. HMA, CLASS 2 AB, AND GEOGRID ARE NOT INCLUDED IN THE "GEOSYNTHETIC FABRIC" BID ITEM AND ARE SHOWN IN THIS DETAIL FOR REFERENCE ONLY.

GEOSYNTHETIC FABRIC

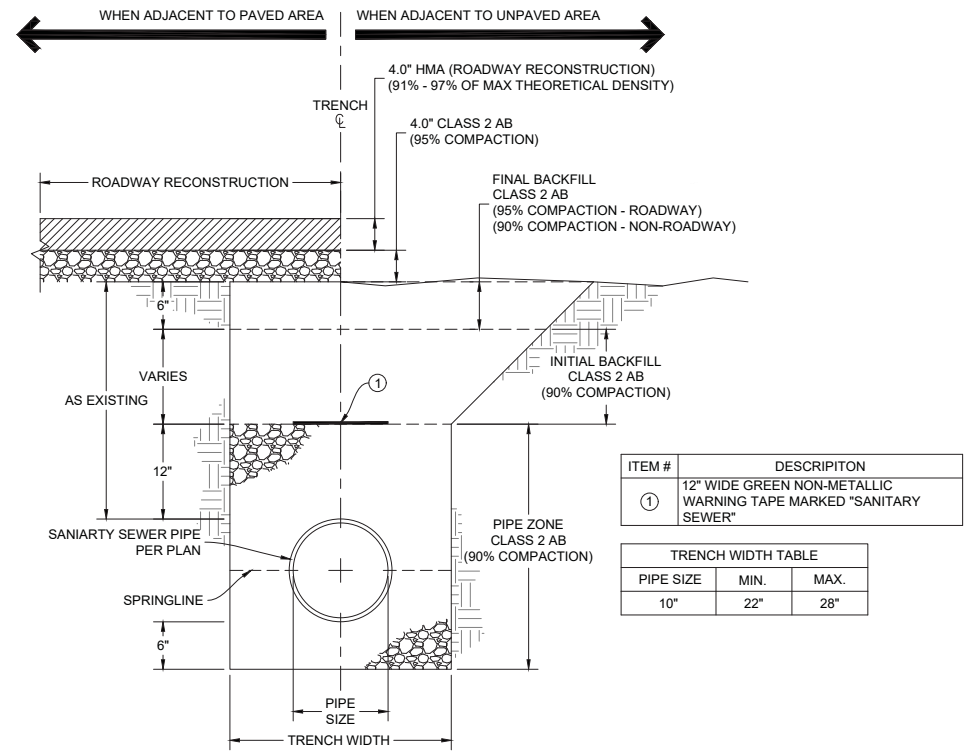
N.T.S. 1



- NOTES:
1. CONTRACTOR MUST ENSURE POSITIVE DRAINAGE WITHIN REMOVE & REPLACE AC AND ADJACENT AREAS.
 2. 4.0" REMOVE BASE & SURFACING & 4.0" HMA (REPLACE AC) SHALL APPLY ONLY WHERE INDICATED ON THE PROJECT PLAN SHEETS C05 - C21.
 3. HMA SHALL BE COMPACTED TO 91%-97% OF MAX. THEORETICAL DENSITY.
 4. ROADWAY RECONSTRUCTION IS NOT INCLUDED IN THE BID ITEMS FOR "REMOVE BASE & SURFACING" AND "HMA (REPLACE 4.0" AC)" AND IS SHOWN IN THIS DETAIL FOR REFERENCE ONLY.

REMOVE & REPLACE AC

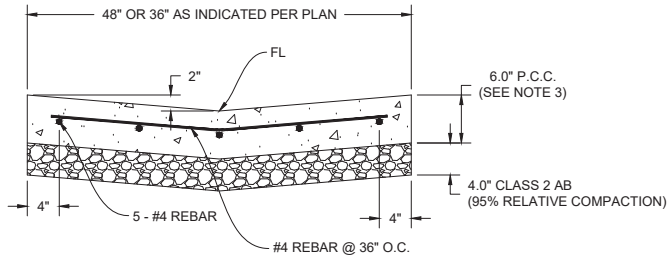
N.T.S. 3



- NOTES:
1. PIPE TO BE LAID WITH LABEL UP ON EACH JOINT.
 2. COMPACTION IS RELATIVE TO CALTRANS CALIFORNIA TEST 231F OF ASTM 1557.
 3. TRENCH WALLS ARE TO BE VERTICAL UNLESS OTHERWISE NOTED.
 4. CONTRACTOR IS RESPONSIBLE FOR SEQUENCING OF WORK. SEQUENCING OF WORK MAY REQUIRE TEMPORARY RESURFACING WHICH IS NOT INCLUDED IN HMA OR AB BID ITEMS. TEMPORARY RESURFACING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SANITARY SEWER TRENCH

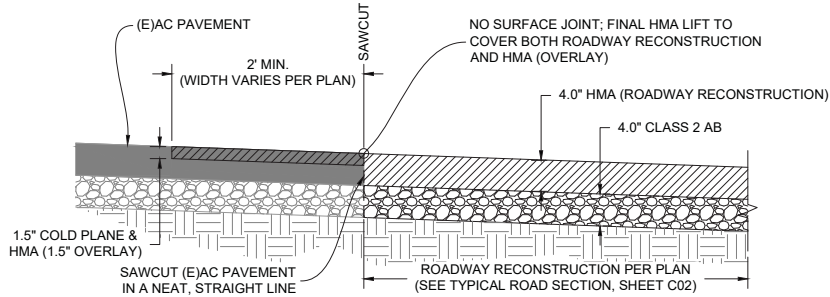
N.T.S. 5



- NOTES:
1. PROVIDE 1/2" EXPANSION JOINTS EVERY 60' IN VALLEY GUTTER PER CALTRANS 2024 STANDARD SPECIFICATIONS, SECTION 51-1.12C.
 2. PROVIDE 1/8" X 2" DEEP WEAKENED PLANE JOINTS EVERY 15' IN VALLEY GUTTER.
 3. P.C.C. SHALL MEET SPECIFICATIONS FOR MINOR CONCRETE PER CALTRANS 2024 STANDARD SPECIFICATIONS, SECTION 90-2.

CONCRETE VALLEY GUTTER

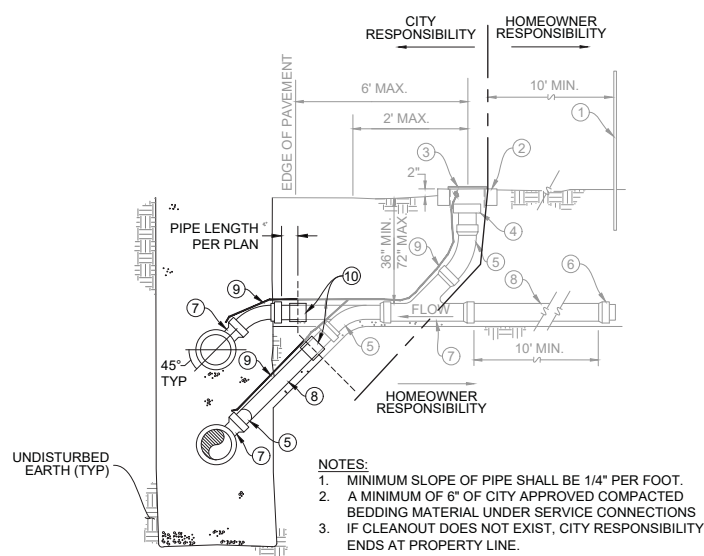
N.T.S. 2



- NOTES:
1. CONTRACTOR MUST ENSURE POSITIVE DRAINAGE WITHIN 1.5" COLD PLANE & HMA (1.5" OVERLAY) AND ADJACENT AREAS.
 2. 1.5" COLD PLANE & HMA (1.5" OVERLAY) SHALL APPLY ONLY WHERE INDICATED ON THE PROJECT PLAN SHEETS C05 - C21.
 3. HMA SHALL BE COMPACTED TO 91%-97% OF MAX. THEORETICAL DENSITY.
 4. ROADWAY RECONSTRUCTION IS NOT INCLUDED IN THE BID ITEMS FOR "1.5" COLD PLANE" AND "1.5" HMA (OVERLAY)" AND IS SHOWN IN THIS DETAIL FOR REFERENCE ONLY.
 5. HMA (1.5" OVERLAY) QUANTITIES SHOWN ON THE PLANS ARE INCLUDED IN THE TOTAL QUANTITY FOR BID ITEM "HMA (ROADWAY RECONSTRUCTION)". THERE IS NO SEPARATE BID ITEM FOR HMA (1.5" OVERLAY).

1.5" COLD PLANE & HMA (1.5" OVERLAY)

N.T.S. 4

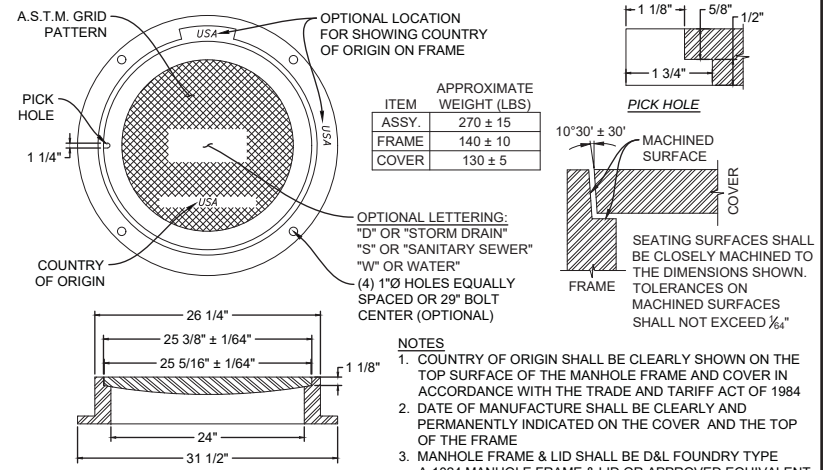


- NOTES:
1. MINIMUM SLOPE OF PIPE SHALL BE 1/4" PER FOOT.
 2. A MINIMUM OF 6" OF CITY APPROVED COMPACTED BEDDING MATERIAL UNDER SERVICE CONNECTIONS
 3. IF CLEANOUT DOES NOT EXIST, CITY RESPONSIBILITY ENDS AT PROPERTY LINE.

ITEM #	DESCRIPTION
1	LOCATION POST - GREEN METAL TEE POST IN UNDEVELOPED AREAS
2	4" X 4" CONCRETE PAD MAXIMUM
3	8" I.D. GS CONCRETE BOX W/ IRON LIP MARKED SEWER
4	LOOSE CAP (AFTER TESTING) GEMCO OR APPROVED EQUAL
5	LONG-RADIUS SWEEP
6	PLUG OR CAP
7	WYE, MINIMUM 4"
8	PVC PIPE, 4" MIN. DIAMETER
9	TRACING WIRE
10	SHIELDED FERNCO COUPLING

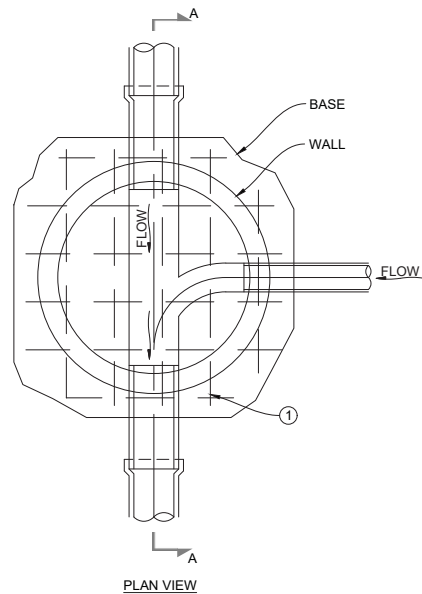
R&R 4"X10" WYE AND R&R 4" SS PIPE

N.T.S. 6

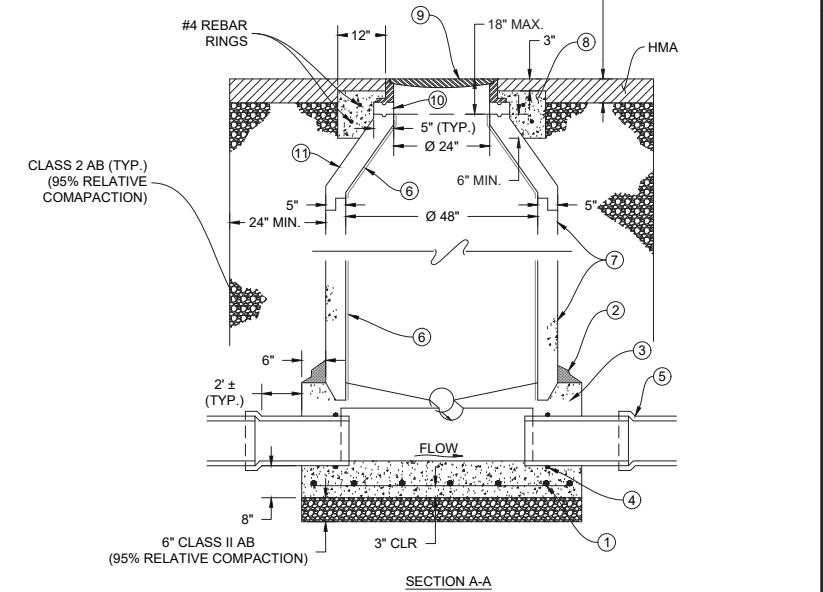


- NOTES:
1. COUNTRY OF ORIGIN SHALL BE CLEARLY SHOWN ON THE TOP SURFACE OF THE MANHOLE FRAME AND COVER IN ACCORDANCE WITH THE TRADE AND TARIFF ACT OF 1984
 2. DATE OF MANUFACTURE SHALL BE CLEARLY AND PERMANENTLY INDICATED ON THE COVER AND THE TOP OF THE FRAME
 3. MANHOLE FRAME & LID SHALL BE D&L FOUNDRY TYPE A-1024 MANHOLE FRAME & LID OR APPROVED EQUIVALENT.

MANHOLE FRAME & LID



ITEM #	DESCRIPTION
1	#4 GRADE 60 REBAR @ 12" GRID
2	MORTAR
3	CLASS A CONCRETE
4	DOUBLE GASKET WATER STOP
5	BELL JOINT OR TWIN-GASKETED COUPLING
6	LINING PER MANUFACTURER, WHEN REQUIRED
7	BARREL SECTION
8	CONCRETE COLLAR, EXTEND 6" BELOW GRADE RING
9	FRAME & LID (SEE DETAIL, THIS SHEET)
10	GRADE RING, MINIMUM OF ONE PER MANHOLE (SEE NOTE 4)
11	CONCENTRIC CONE



MANHOLE BASE (CAST-IN-PLACE) & CONE SECTION

- NOTES:
1. GROUT ALL JOINTS, INTERIOR AND EXTERIOR.
 2. WHEN LINING IS REQUIRED, ALL INTERIOR SURFACES SHALL BE LINED.
 3. MAINTAIN CONSISTENT SLOPE THROUGH CHANNEL FROM INLET INVERT TO OUTLET INVERT.
 4. GRADE RINGS TO BE FULLY ENCASED IN CONCRETE COLLAR BELOW ASPHALT SURFACE.
 5. SLOPE SHELVES 1" PER 1'
 6. FORM RECESS IN BASE WITH METAL FORMING RING TO PLACE BARREL SECTION.
 7. CHANNEL CONFIGURATION MUST ACCOMMODATE TRACTOR DRIVEN VIDEO CAMERA.



NO. REVISION	DESCRIPTION	CHECKED BY	DATE

FOR BIDDING PURPOSES

DRAWING SCALE	AS NOTED
HOR. SCALE	N.T.S.
VERT. SCALE	N.T.S.

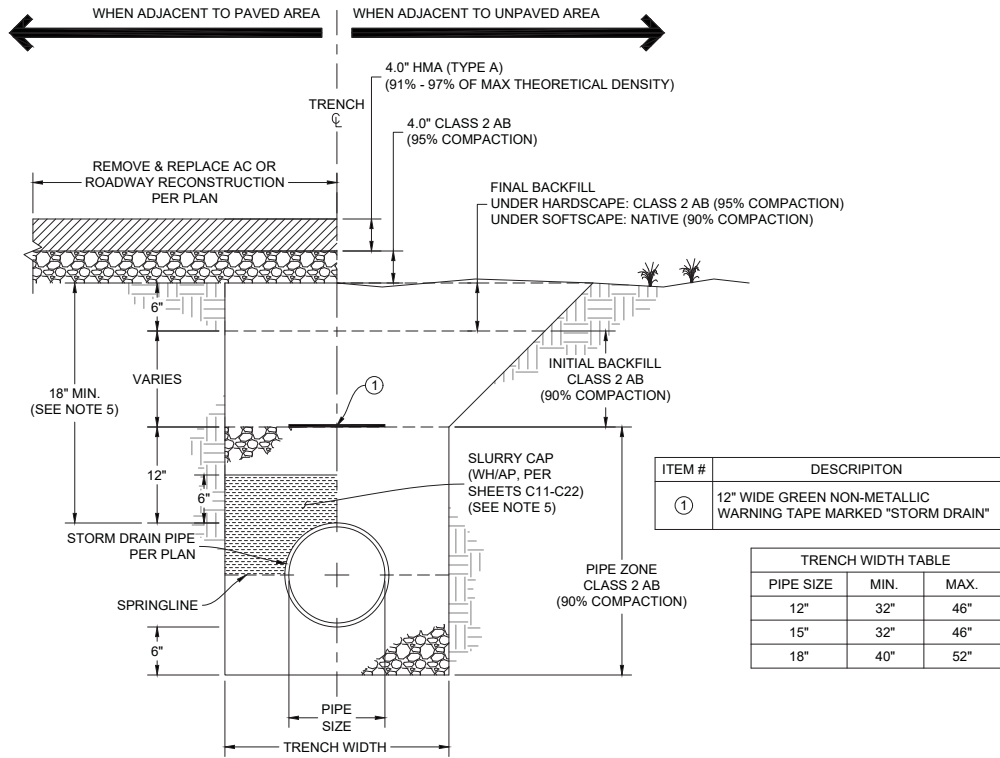


SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT	CA
CIP #42213	DETAILS (1)
PLACERVILLE	

DRAWING INFO
DATE: 5/8/2025
DRAWN BY: JAC
DESIGNED BY: JAC
REVIEWED BY: JAC

PROJECT NO.	6884.018
SHEET NO.	C03 OF C22

N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 TYPICAL SECTIONS.dwg May 19, 2025 - 2:17pm, gromos



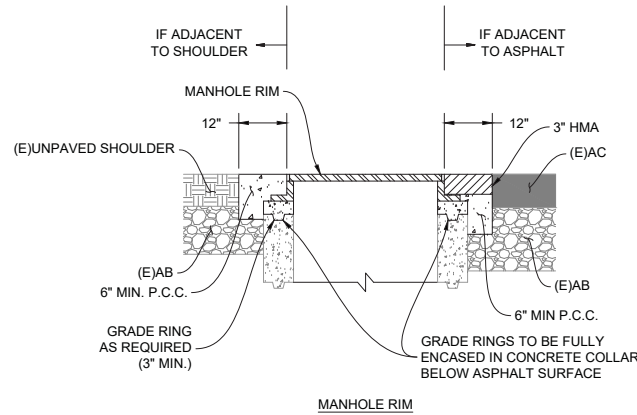
- NOTES:
- PIPE TO BE LAID WITH LABEL UP ON EACH JOINT.
 - COMPACTION IS RELATIVE TO CALTRANS CALIFORNIA TEST 231F OF ASTM 1557.
 - TRENCH WALLS ARE TO BE VERTICAL.
 - T-TRENCH NOT REQUIRED WHEN ADJACENT TO ROADWAY RECONSTRUCTION AND SHALL HAVE A VERTICAL TRENCH WALL FROM BOTTOM OF TRENCH TO FINISH GRADE.
 - SLURRY CAP SHALL BE INSTALLED WHEN MINIMUM DEPTH CANNOT BE ACHIEVED WITHIN PAVED AREAS.

ITEM #	DESCRIPTION
①	12" WIDE GREEN NON-METALLIC WARNING TAPE MARKED "STORM DRAIN"

TRENCH WIDTH TABLE		
PIPE SIZE	MIN.	MAX.
12"	32"	46"
15"	32"	46"
18"	40"	52"

STORM DRAIN TRENCH SECTION

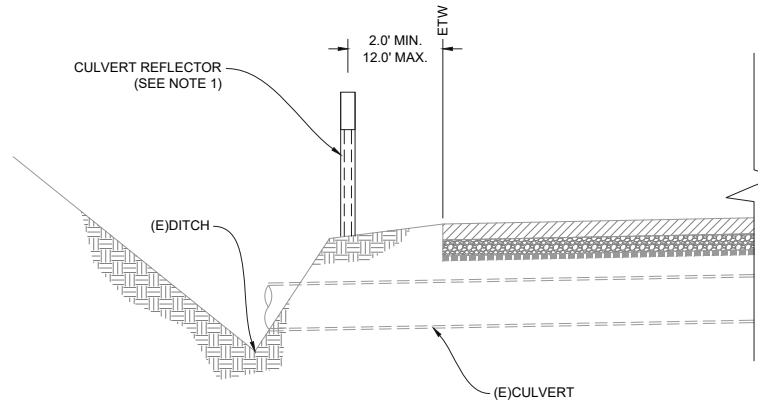
N.T.S. 8



- NOTES:
- SEE SHEET NOTES ON SHEET C05 FOR MODIFIED CONCRETE COLLAR FOR ADJUST TO GRADE AT STA 16+93

ADJUST UTILITY TO GRADE

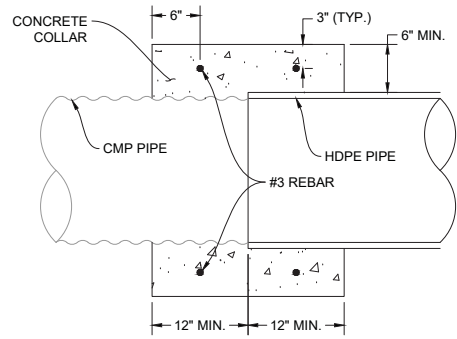
N.T.S. 9



- NOTES:
- CULVERT REFLECTOR SHALL BE CLASS 2 METAL POST DELINEATOR WITH TYPE F RETROREFLECTIVE SHEETING PER CALTRANS 2024 STANDARD PLAN A73C.
 - CULVERT REFLECTORS SHALL BE PLACED WITHIN 6' OF THE ONCOMING TRAFFIC SIDE OF THE CULVERT AS SHOWN PER PLAN.

CULVERT REFLECTOR

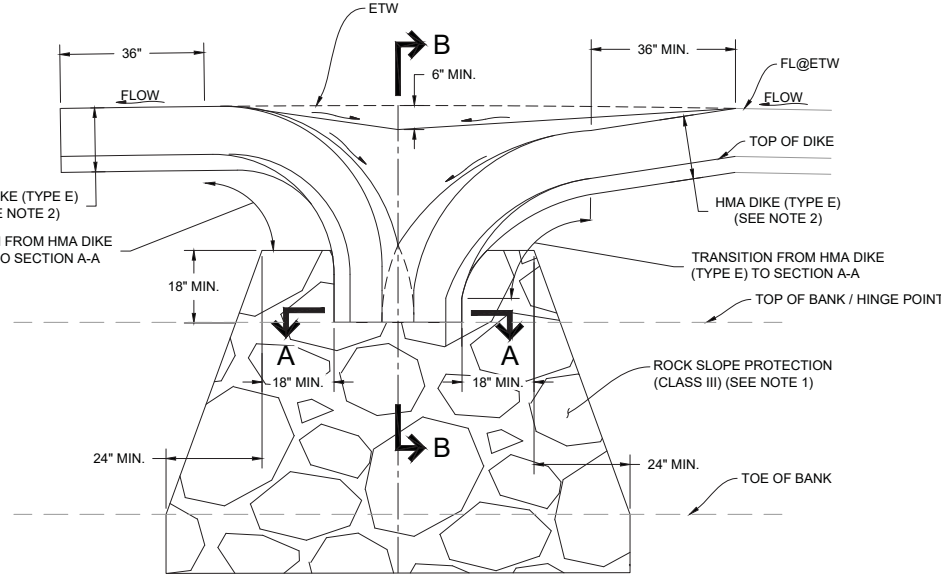
N.T.S. 10



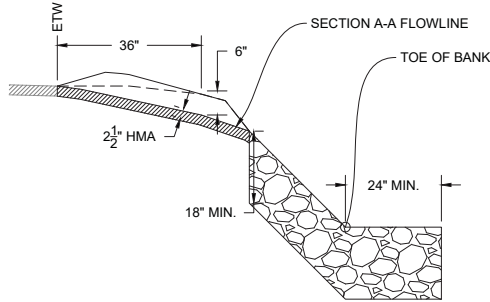
- NOTES:
- ALL REINFORCEMENT SHALL BE #3 REBAR.

CONNECT TO (E)SD PIPE

N.T.S. 12



SECTION A-A

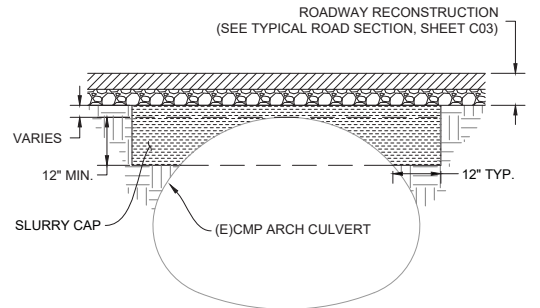


SECTION B-B

- NOTES:
- ROCK SLOPE PROTECTION IS NOT INCLUDED IN THE BID ITEM FOR "OVERSIDE DRAIN" AND IS SHOWN IN THIS DETAIL FOR REFERENCE ONLY.
 - HMA DIKE (TYPE E) SHALL BE CONSTRUCTED PER CALTRANS 2024 STD PLAN A87B. HMA DIKE IS NOT INCLUDED IN THE HMA OVERSIDE DRAIN BID ITEM AND IS SHOWN IN THIS DETAIL FOR REFERENCE ONLY.

HMA OVERSIDE DRAIN

N.T.S. 11



- NOTES:
- SLURRY CAP (E)ARCH CULVERT SHALL BE INCLUDED IN THE TOTAL QUANTITY FOR BID ITEM "SLURRY CAP".
 - ROADWAY RECONSTRUCTION QUANTITY IS NOT INCLUDED IN SLURRY CAP AND IS SHOWN IN THIS DETAIL FOR REFERENCE ONLY.

SLURRY CAP (E)ARCH CULVERT

N.T.S. 13



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE
FOR BIDDING PURPOSES				

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N.T.S.



R.E.Y. ENGINEERS, Inc.
Civil Engineering and Surveying Remote Sensing
925 S. Main Street, Suite 200 Placerville, CA 95367
916.366.3040 Fax 916.366.3038

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP #42213

DETAILS (2)

CA

PLACERVILLE

DRAWING INFO
DATE: 5/8/2025
DRAFTER: JC
DESIGNER: GR
REVIEWER: GR

PROJECT NO.
6884.018
SHEET NO. **C04** OF **C22**

N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 DEMO SHEET.dwg May 19, 2025 - 2:17pm, gramos

SHEET LEGEND

8.0" REMOVE BASE & SURFACING

4.0" REMOVE BASE & SURFACING
(SEE DETAIL 3, SHEET C03)

1.5" COLD PLANE
(SEE DETAIL 4, SHEET C03)

REMOVE BASE & SURFACING
(AC ONLY)

REMOVE & REPLACE SD PIPE
(SEE PLAN & PROFILE SHEETS)

REMOVE TREE

PROTECTION KEYNOTES:

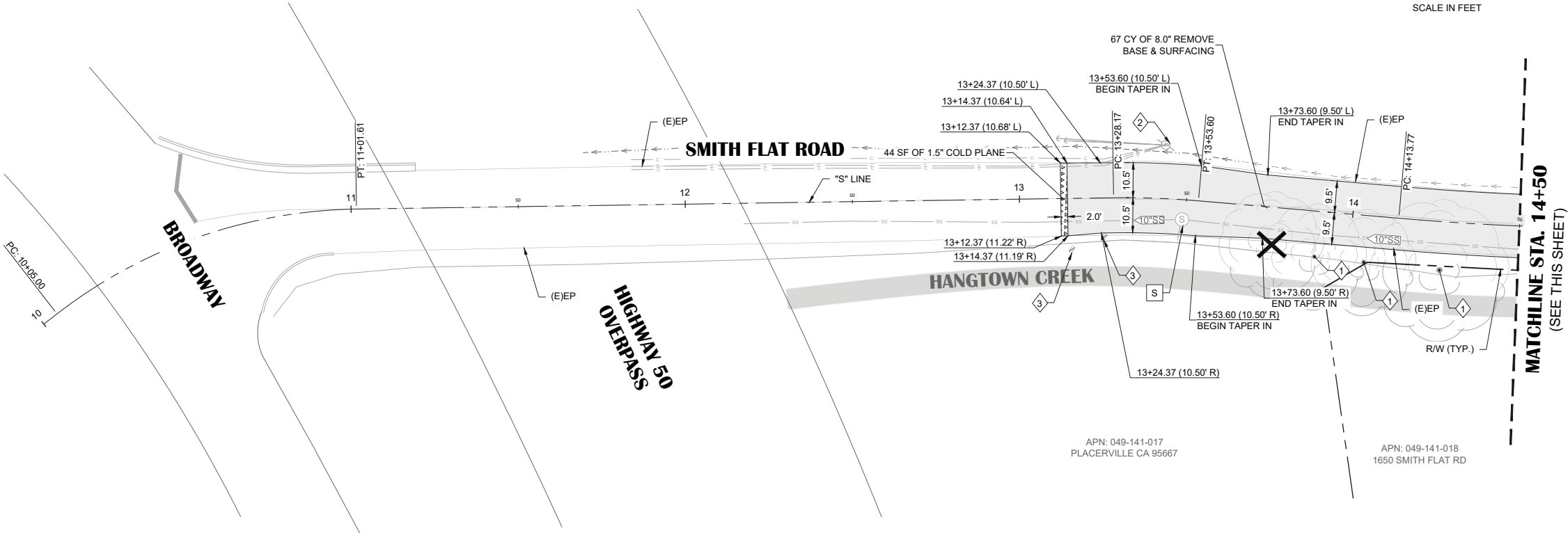
KEY NOTE	DESCRIPTION
D	PROTECT IN PLACE (E)DRAINAGE STRUCTURE
S	PROTECT IN PLACE (E)SEWER FACILITY
1	PROTECT IN PLACE (E)TREE
2	PROTECT IN PLACE (E)UTILITY POLE
3	PROTECT IN PLACE (E)SIGN
4	PROTECT IN PLACE (E)DRIVEWAY/BRIDGE
5	PROTECT IN PLACE (E)DRAINAGE CULVERT

ADJUSTMENT KEYNOTES:

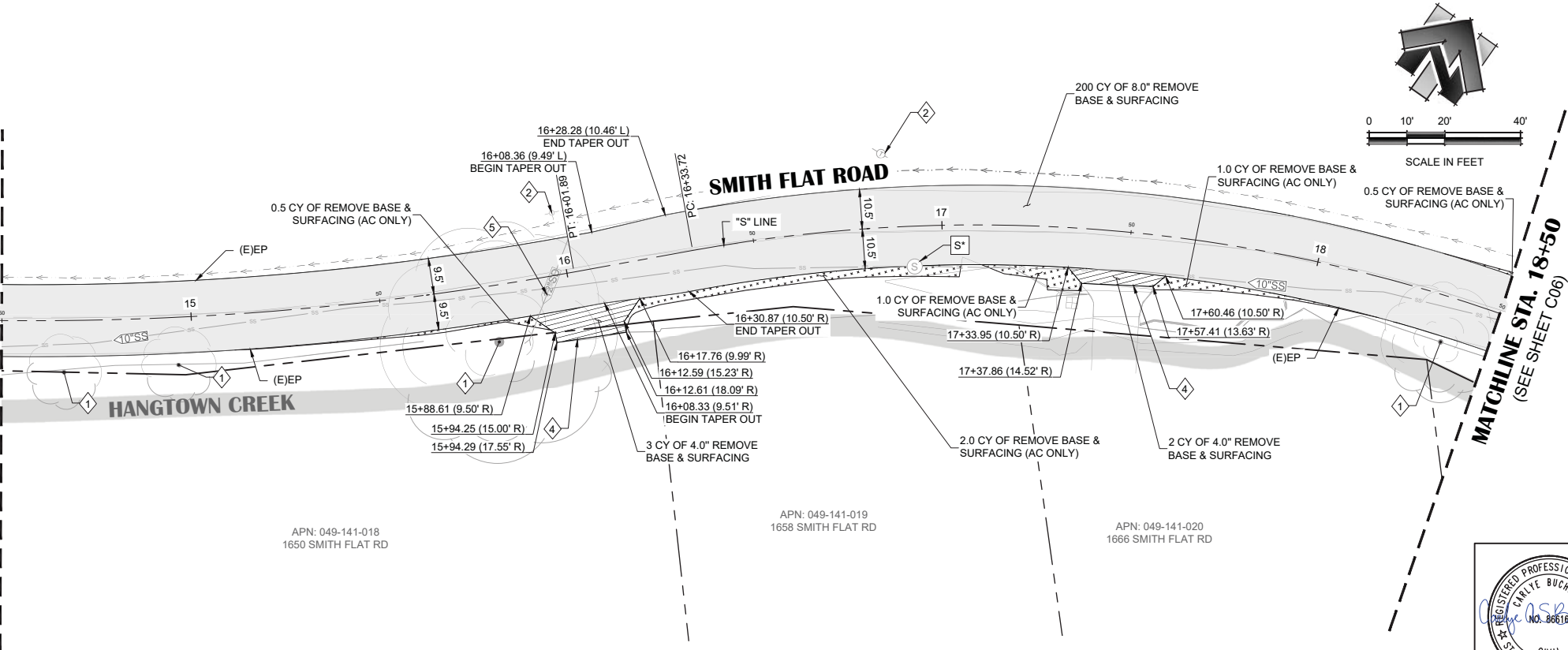
KEY NOTE	DESCRIPTION
S	ADJUST UTILITY TO GRADE (E)SSMH
S*	ADJUST UTILITY TO GRADE (E)SSMH (SEE NOTE 4)

SHEET NOTES

- CONTRACTOR SHALL PROTECT EXISTING PRIVATE PROPERTY WITHIN OR ADJACENT TO THE PROJECT LIMITS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ENGINEER.
- REFER TO LAYOUT PLAN & PROFILE SHEETS C11 - C21 FOR "S" LINE RADIUS AND DISTANCE INFORMATION.
- ALL TREES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- EXTEND CONCRETE COLLAR TO FINISH GRADE UNIFORMLY AROUND MANHOLE RIM AS PER ADJACENT TO SHOULDER CONDITION, DETAIL 9, SHEET C04.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



MATCHLINE STA. 14+50
(SEE THIS SHEET)



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE	
HOR. SCALE:	1"=20'
VERT. SCALE:	N/A



R. E. Y. ENGINEERS, Inc.
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(916) 366-3040 Fax (916) 366-3003

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

DEMOLITION PLAN - STA. 10+00 TO 18+50
CITY OF PLACERVILLE

CA

DRAWING INFO	
DATE:	5/8/2025
DRAFTER:	GR
DESIGNER:	GR
REVIEWER:	GR

PROJECT NO.	6884.018
SHEET NO.	C05 OF C22

N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 DEMO SHEET.dwg May 19, 2025 - 2:17pm, gramos

SHEET LEGEND

- 8.0" REMOVE BASE & SURFACING
- 4.0" REMOVE BASE & SURFACING
(SEE DETAIL 3, SHEET C03)
- 1.5" COLD PLANE
(SEE DETAIL 4, SHEET C03)
- REMOVE BASE & SURFACING
(AC ONLY)
- REMOVE & REPLACE SD PIPE
(SEE PLAN & PROFILE SHEETS)
- REMOVE & REPLACE SS PIPE
(SEE PLAN & PROFILE SHEETS)

PROTECTION KEYNOTES:

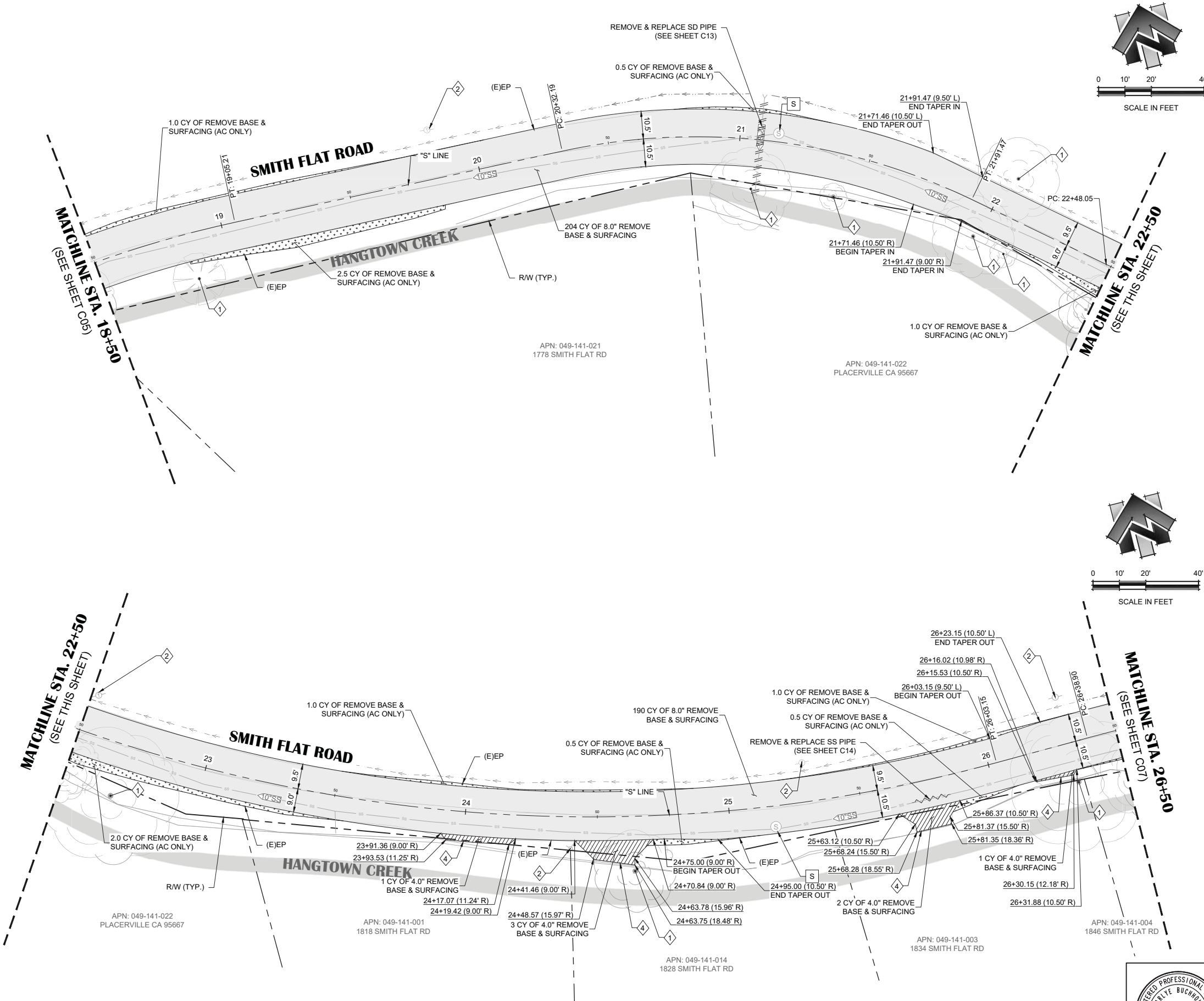
KEY NOTE	DESCRIPTION
D	PROTECT IN PLACE (E)DRAINAGE STRUCTURE
S	PROTECT IN PLACE (E)SEWER FACILITY
1	PROTECT IN PLACE (E)TREE
2	PROTECT IN PLACE (E)UTILITY POLE
3	PROTECT IN PLACE (E)SIGN
4	PROTECT IN PLACE (E)DRIVEWAY/BRIDGE
5	PROTECT IN PLACE (E)DRAINAGE CULVERT

ADJUSTMENT KEYNOTES:

KEY NOTE	DESCRIPTION
S	ADJUST UTILITY TO GRADE (E)SMH

SHEET NOTES

- CONTRACTOR SHALL PROTECT EXISTING PRIVATE PROPERTY WITHIN OR ADJACENT TO THE PROJECT LIMITS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ENGINEER.
- REFER TO LAYOUT PLAN & PROFILE SHEETS C11 - C21 FOR "S" LINE RADIUS AND DISTANCE INFORMATION.
- ALL TREES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N/A



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

DEMOLITION PLAN - STA. 18+50 TO 26+50
CITY OF PLACERVILLE CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: GR
DESIGNER: GR
REVIEWER: CR

PROJECT NO. 6884.018
SHEET NO. C06 OF C22

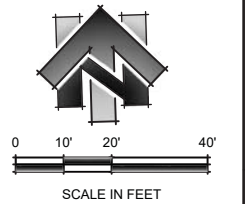
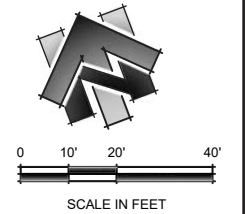
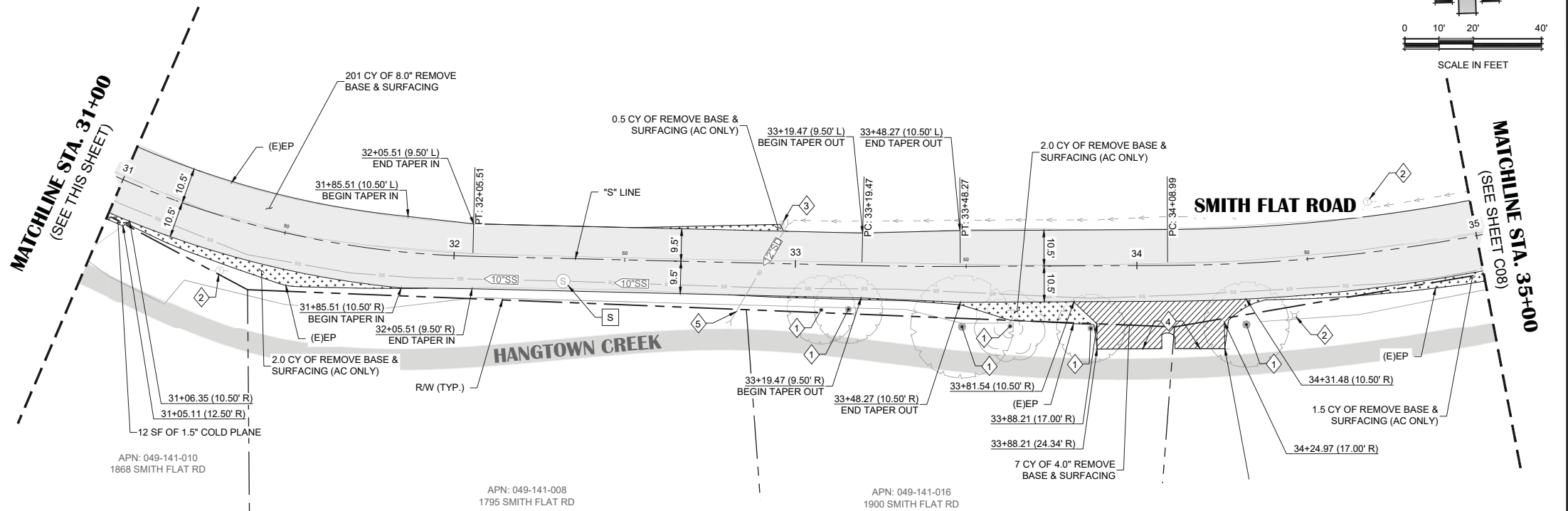
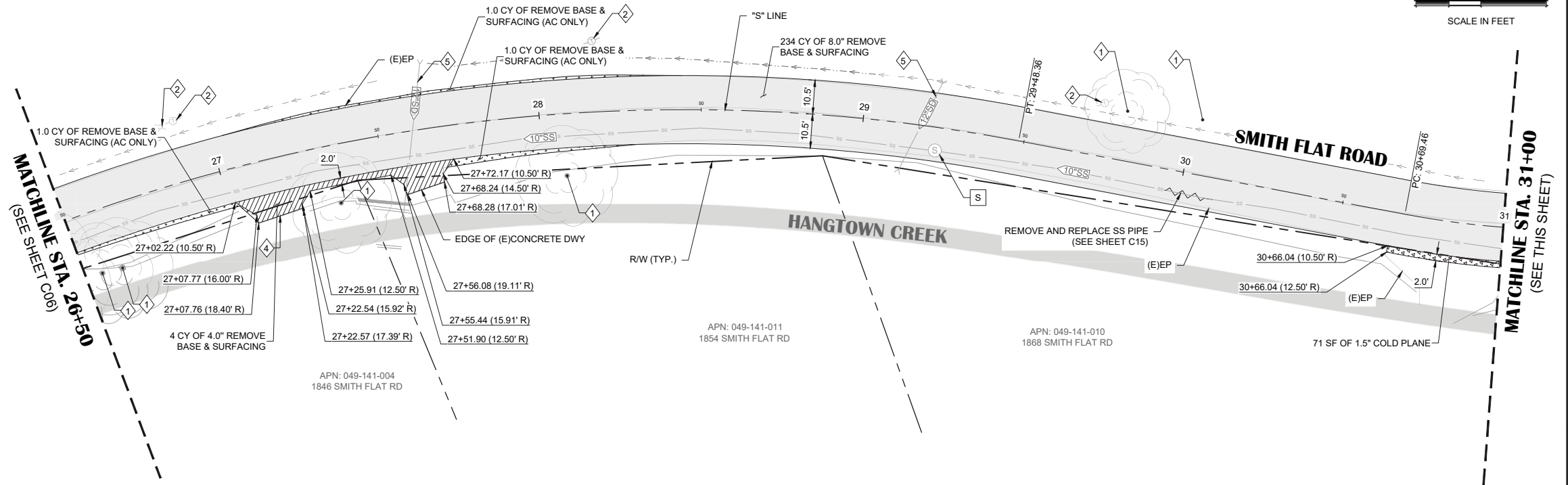


	8.0" REMOVE BASE & SURFACING
	4.0" REMOVE BASE & SURFACING (SEE DETAIL 3, SHEET C03)
	1.5" COLD PLANE (SEE DETAIL 4, SHEET C03)
	REMOVE BASE & SURFACING (AC ONLY)
	REMOVE & REPLACE SS PIPE (SEE PLAN & PROFILE SHEETS)
	REMOVE & REPLACE SD PIPE (SEE PLAN & PROFILE SHEETS)

KEY NOTE	DESCRIPTION
D	PROTECT IN PLACE (E)DRAINAGE STRUCTURE
S	PROTECT IN PLACE (E)SEWER FACILITY
1	PROTECT IN PLACE (E)TREE
2	PROTECT IN PLACE (E)UTILITY POLE
3	PROTECT IN PLACE (E)SIGN
4	PROTECT IN PLACE (E)DRIVEWAY/BRIDGE
5	PROTECT IN PLACE (E)DRAINAGE CULVERT

KEY NOTE	DESCRIPTION
S	ADJUST UTILITY TO GRADE (E)SSMH

1. CONTRACTOR SHALL PROTECT EXISTING PRIVATE PROPERTY WITHIN OR ADJACENT TO THE PROJECT LIMITS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ENGINEER.
2. REFER TO LAYOUT PLAN & PROFILE SHEETS C11 - C21 FOR "S" LINE RADIUS AND DISTANCE INFORMATION.
3. ALL TREES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



NO.	ACQUISITION DESCRIPTION	CHECKED BY	DATE
	FOR BIDDING PURPOSES		

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N/A



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

CIP #42213

DEMOLITION PLAN - STA. 26+50 TO 35+00
WY OF PLACERVILLE

CA

DRAWING INFO

DATE:	5/8/2025
DRAFTER:	JC
DESIGNER:	GR
REVIEWER:	CB

PROJECT NO.
6884.018

SHEET NO. **C07** OF **C22**

N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 DEMO SHEET.dwg May 19, 2025 - 2:17pm, gramos

SHEET LEGEND

- 8.0" REMOVE BASE & SURFACING
- 4.0" REMOVE BASE & SURFACING
(SEE DETAIL 3, SHEET C03)
- 1.5" COLD PLANE
(SEE DETAIL 4, SHEET C03)
- REMOVE BASE & SURFACING
(AC ONLY)
- REMOVE & REPLACE SD PIPE
(SEE PLAN & PROFILE SHEETS)
- REMOVE & REPLACE SS PIPE
(SEE PLAN & PROFILE SHEETS)

PROTECTION KEYNOTES:

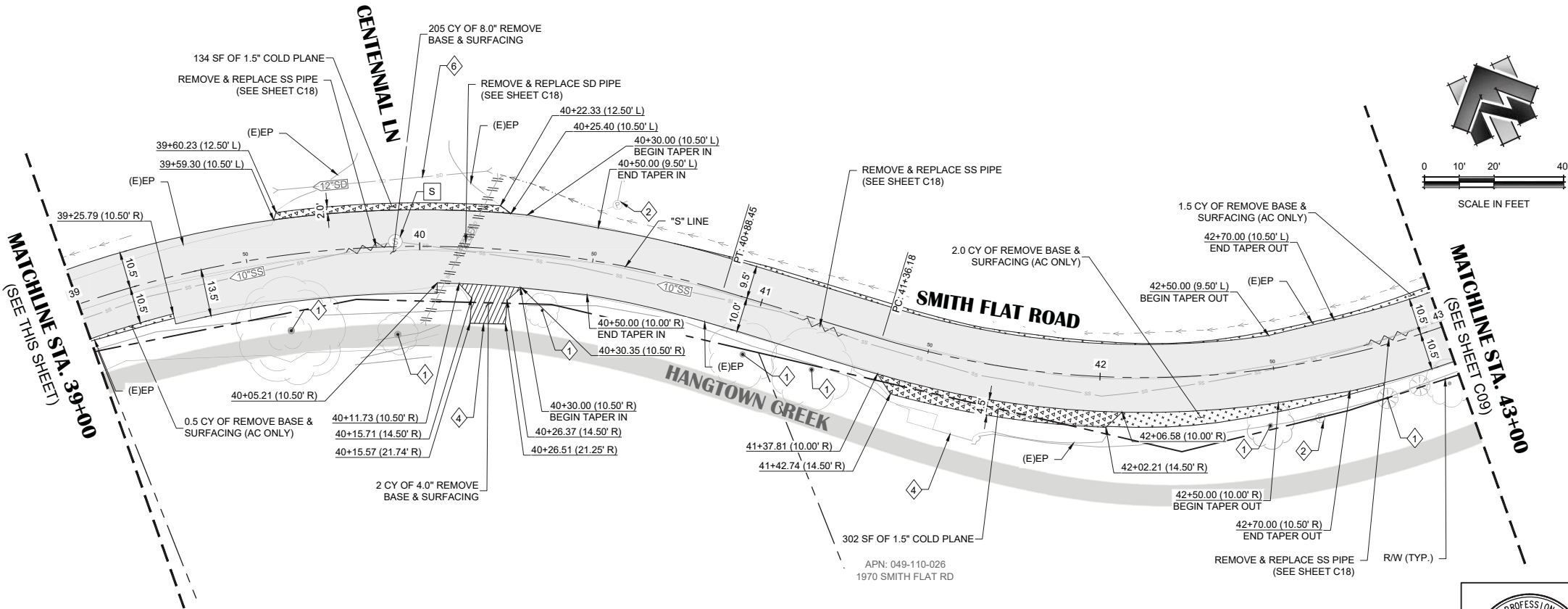
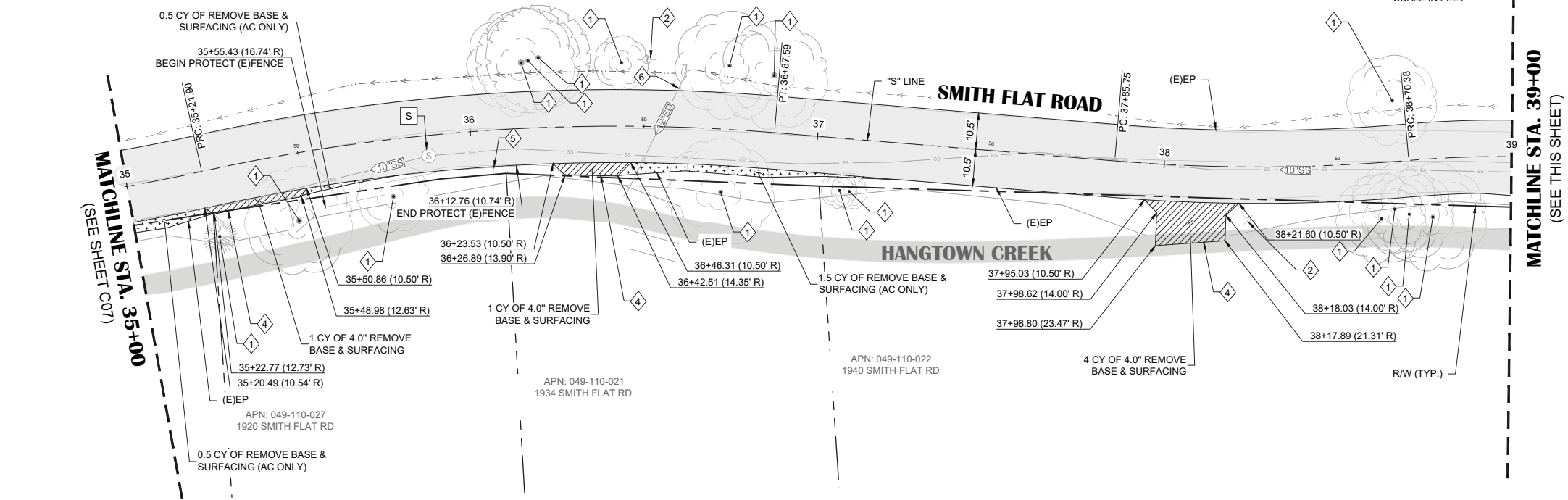
KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)DRAINAGE STRUCTURE
	PROTECT IN PLACE (E)SEWER FACILITY
	PROTECT IN PLACE (E)TREE
	PROTECT IN PLACE (E)UTILITY POLE
	PROTECT IN PLACE (E)SIGN
	PROTECT IN PLACE (E)DRIVEWAY/BRIDGE
	PROTECT IN PLACE (E)WOOD FENCE
	PROTECT IN PLACE (E)DRAINAGE CULVERT

ADJUSTMENT KEYNOTES:

KEY NOTE	DESCRIPTION
	ADJUST UTILITY TO GRADE (E)SSMH

SHEET NOTES

1. CONTRACTOR SHALL PROTECT EXISTING PRIVATE PROPERTY WITHIN OR ADJACENT TO THE PROJECT LIMITS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ENGINEER.
2. REFER TO LAYOUT PLAN & PROFILE SHEETS C11 - C21 FOR "S" LINE RADIUS AND DISTANCE INFORMATION.
3. ALL TREES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N/A



R.E.Y. ENGINEERS, Inc.

Cal Engineering Land Surveying Remote Sensing

925 S. Main Street, Suite 200 | Placerville, CA 95330

(916) 366-3040 | Fax (916) 366-3038

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP #42213

DEMOLITION PLAN - STA. 35+00 TO 43+00

CITY OF PLACERVILLE

CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: JC
DESIGNER: GR
REVIEWER: CR

PROJECT NO.
6884.018
SHEET NO. C08 OF C22

N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 DEMO SHEET.dwg May 19, 2025 - 2:18pm, gramos

SHEET LEGEND

- 8.0" REMOVE BASE & SURFACING
- 4.0" REMOVE BASE & SURFACING (SEE DETAIL 3, SHEET C03)
- 1.5" COLD PLANE (SEE DETAIL 4, SHEET C03)
- REMOVE BASE & SURFACING (AC ONLY)
- REMOVE & REPLACE SD PIPE (SEE PLAN & PROFILE SHEETS)
- REMOVE & REPLACE SD PIPE (SEE PLAN & PROFILE SHEETS)

PROTECTION KEYNOTES:

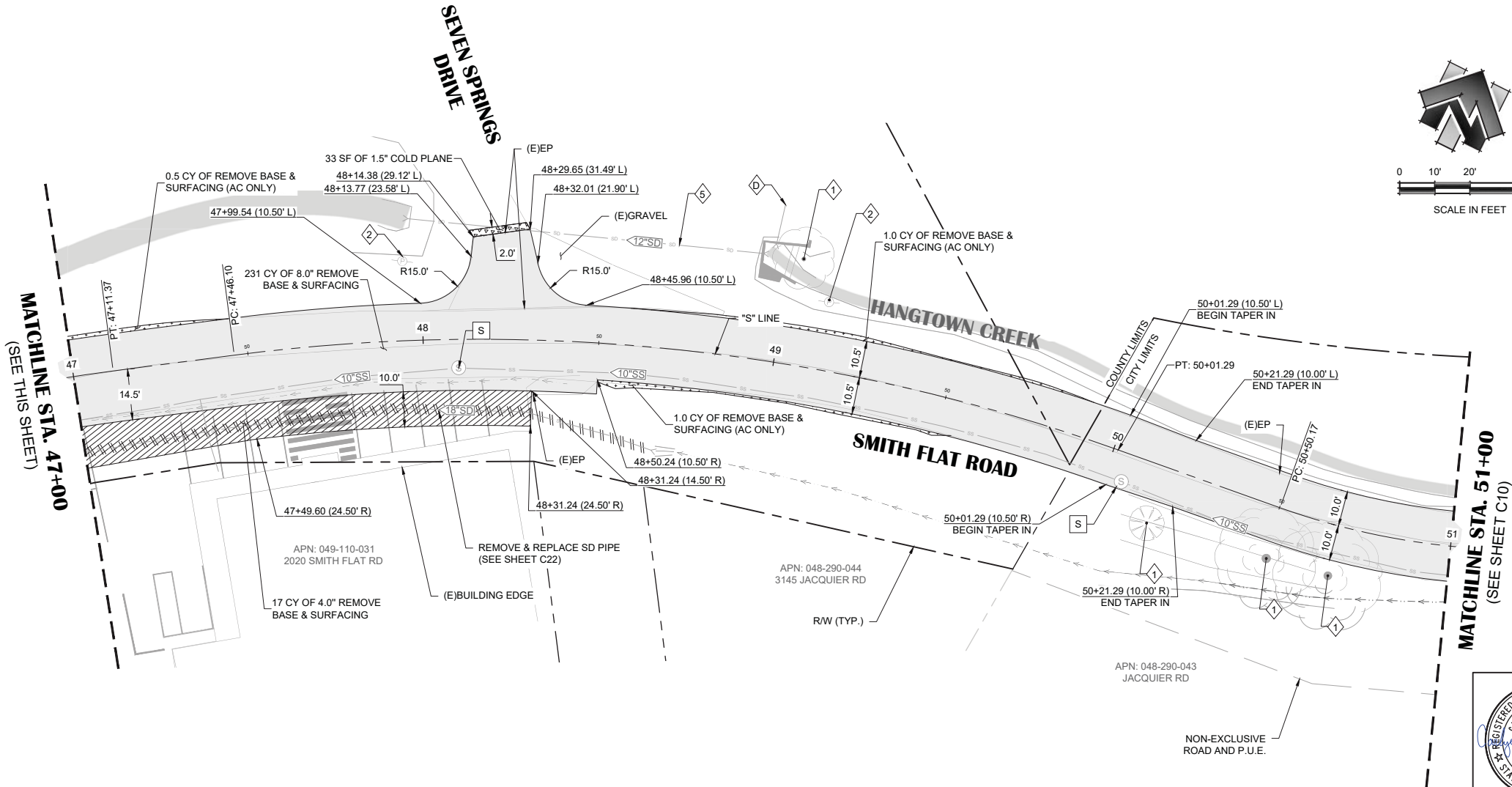
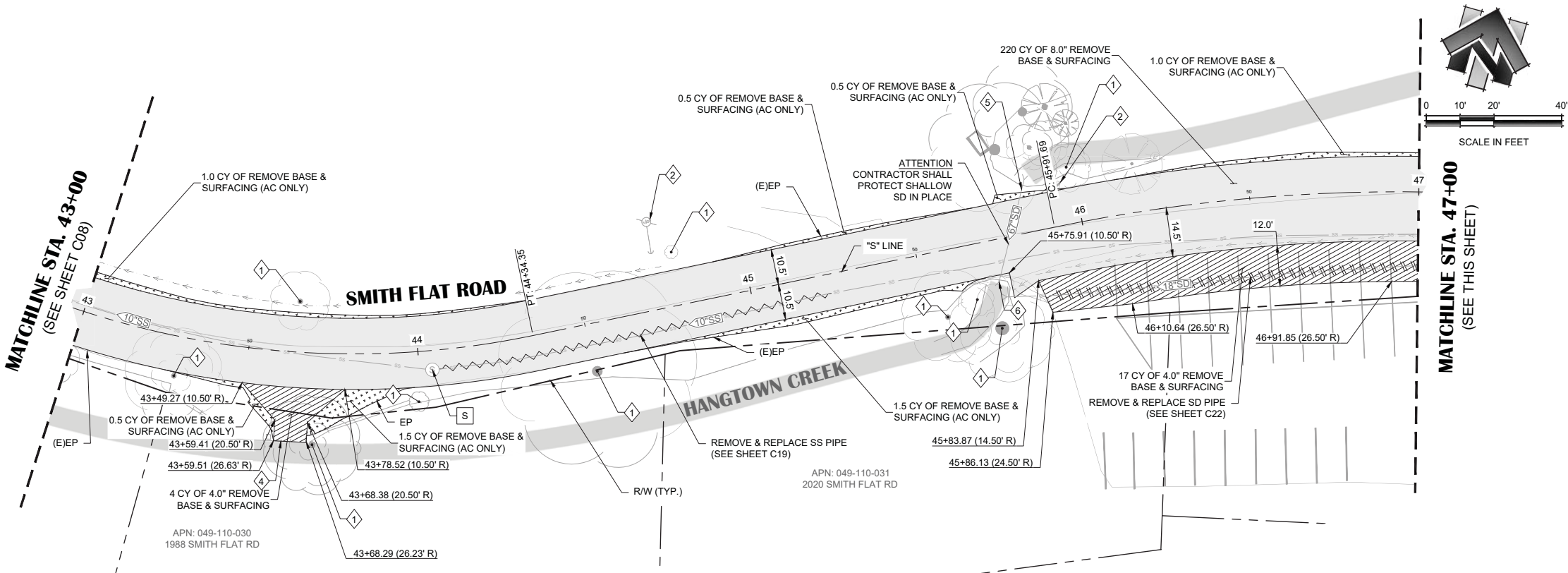
KEY NOTE	DESCRIPTION
D	PROTECT IN PLACE (E)DRAINAGE STRUCTURE
S	PROTECT IN PLACE (E)SEWER FACILITY
1	PROTECT IN PLACE (E)TREE
2	PROTECT IN PLACE (E)UTILITY POLE
3	PROTECT IN PLACE (E)SIGN
4	PROTECT IN PLACE (E)DRIVEWAY/BRIDGE
5	PROTECT IN PLACE (E)DRAINAGE CULVERT
6	PROTECT IN PLACE (E)WALL/OUTFALL STRUCTURE

ADJUSTMENT KEYNOTES:

KEY NOTE	DESCRIPTION
S	ADJUST UTILITY TO GRADE (E)SSMH

SHEET NOTES

- CONTRACTOR SHALL PROTECT EXISTING PRIVATE PROPERTY WITHIN OR ADJACENT TO THE PROJECT LIMITS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ENGINEER.
- REFER TO LAYOUT PLAN & PROFILE SHEETS C11 - C21 FOR "S" LINE RADIUS AND DISTANCE INFORMATION.
- ALL TREES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N/A



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213
DEMOLITION PLAN - STA. 43+00 TO 51+00
CITY OF PLACERVILLE
CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: GR
DESIGNER: GR
REVIEWER: GR

PROJECT NO. 6884.018
SHEET NO. C09 OF C22



SHEET LEGEND

8.0" REMOVE BASE & SURFACING

4.0" REMOVE BASE & SURFACING
(SEE DETAIL 3, SHEET C03)

1.5" COLD PLANE
(SEE DETAIL 4, SHEET C03)

REMOVE & REPLACE SD PIPE
(SEE PLAN & PROFILE SHEETS)

PROTECTION KEYNOTES:

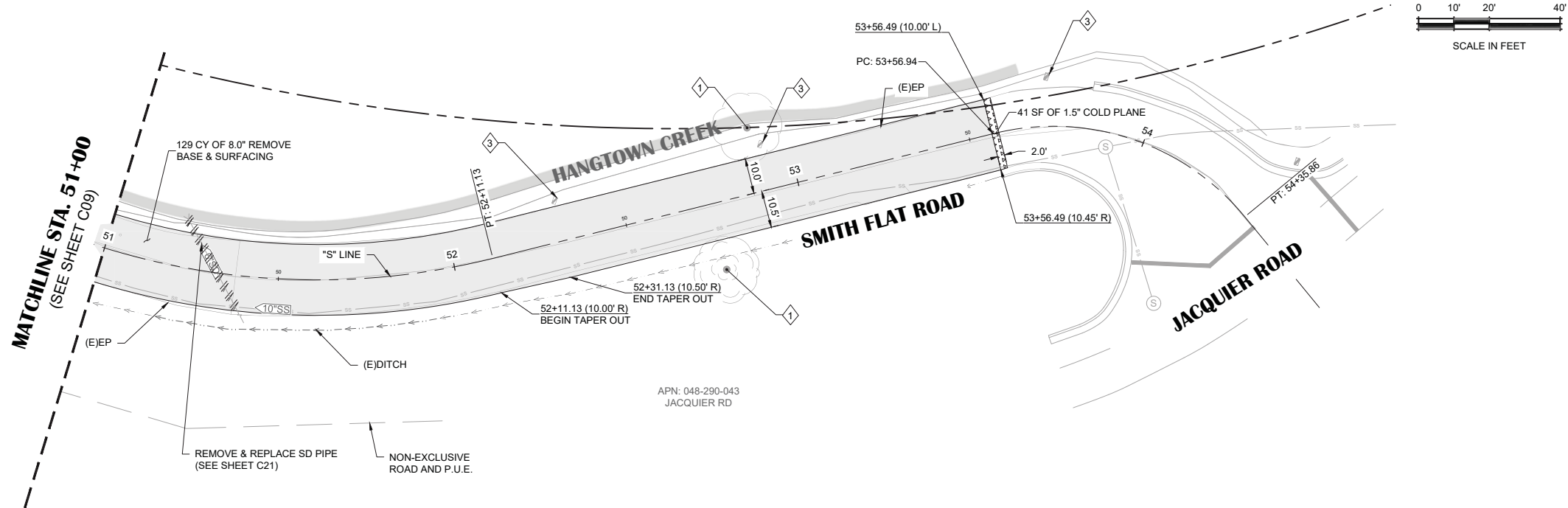
KEY NOTE	DESCRIPTION
D	PROTECT IN PLACE (E) DRAINAGE STRUCTURE
S	PROTECT IN PLACE (E) SEWER FACILITY
1	PROTECT IN PLACE (E) TREE
2	PROTECT IN PLACE (E) UTILITY POLE
3	PROTECT IN PLACE (E) SIGN
4	PROTECT IN PLACE (E) DRIVEWAY / BRIDGE
5	PROTECT IN PLACE (E) DRAINAGE CULVERT

ADJUSTMENT KEYNOTES:

KEY NOTE	DESCRIPTION
S	ADJUST UTILITY TO GRADE (E)SSMH

SHEET NOTES

1. CONTRACTOR SHALL PROTECT EXISTING PRIVATE PROPERTY WITHIN OR ADJACENT TO THE PROJECT LIMITS. ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ENGINEER.
2. REFER TO LAYOUT PLAN & PROFILE SHEETS C11 - C21 FOR "S" LINE RADIUS AND DISTANCE INFORMATION.
3. ALL TREES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



0 10' 20' 40'

SCALE IN FEET

[illegible]

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N/A



R. E. Y. ENGINEERS, Inc.
Civil Engineering | Land Surveying | Remote Sensing
905 Sutter Street, Suite 200, Folsom, CA 95630
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SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

CIP #42213

**DEMOLITION PLAN - STA. 51+00 TO 55+00
CITY OF PLACERVILLE**

DRAWING INFO

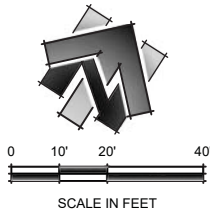
DATE: 5/8/2025
DRAFTER: JC
DESIGNER: GR
REVIEWER: CB

PROJECT NO.
6884.018

SHEET NO. **C10** OF **C22**



N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 LAYOUT SHEETS.dwg May 19, 2025 - 2:18pm, gramos



"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L1	5.00	N19° 37' 06.18"E	10+00.00	10+05.00
L2	226.56	N56° 31' 13.75"E	11+01.61	13+28.17
L3	60.17	N62° 20' 54.63"E	13+53.60	14+13.77

"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C1	10+05.00	11+01.61	150.00	94.95	36.90
C2	13+28.17	13+53.60	250.00	25.42	5.83

SHEET LEGEND	
SYMBOL	DESCRIPTION
	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
	HMA (REPLACE 4.0" AC) (SEE DETAIL 3, SHEET C03)
	HMA (1.5" OVERLAY) (SEE DETAIL 4, SHEET C03)
	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
	PAVEMENT MARKING - WORDS (SEE CALTRANS 2024 STANDARD PLAN A24D)
	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)

SHEET NOTES

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
- STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
- DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

DRAWING SCALE	
HOR. SCALE:	1"=20'
VERT. SCALE:	1"=4'



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP #42213

LAYOUT PLAN & PROFILE - STA. 10+00 TO 14+50
CITY OF PLACERVILLE CA

DRAWING INFO	
DATE:	5/8/2025
DRAFTER:	JC
DESIGNER:	GR
REVIEWER:	GR

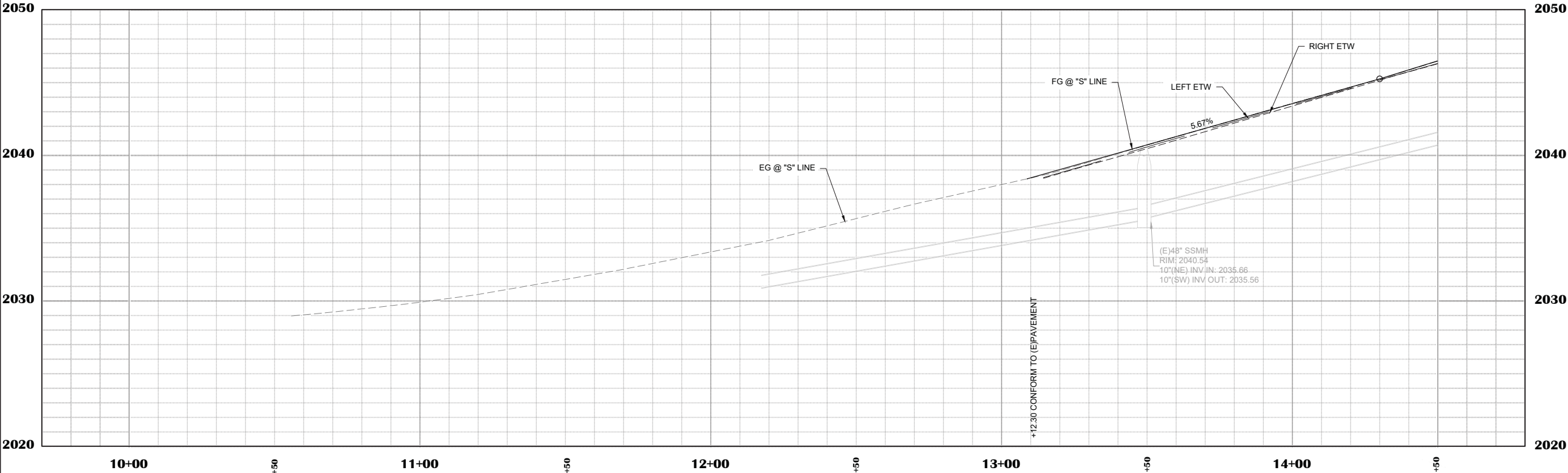
PROJECT NO.	6884.018
SHEET NO.	C11 OF C22



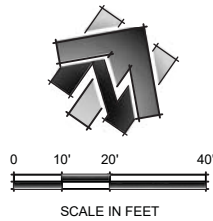
GRADE(S) @
ETW(Lt)▶

GRADE(S) @
"S" LINE▶

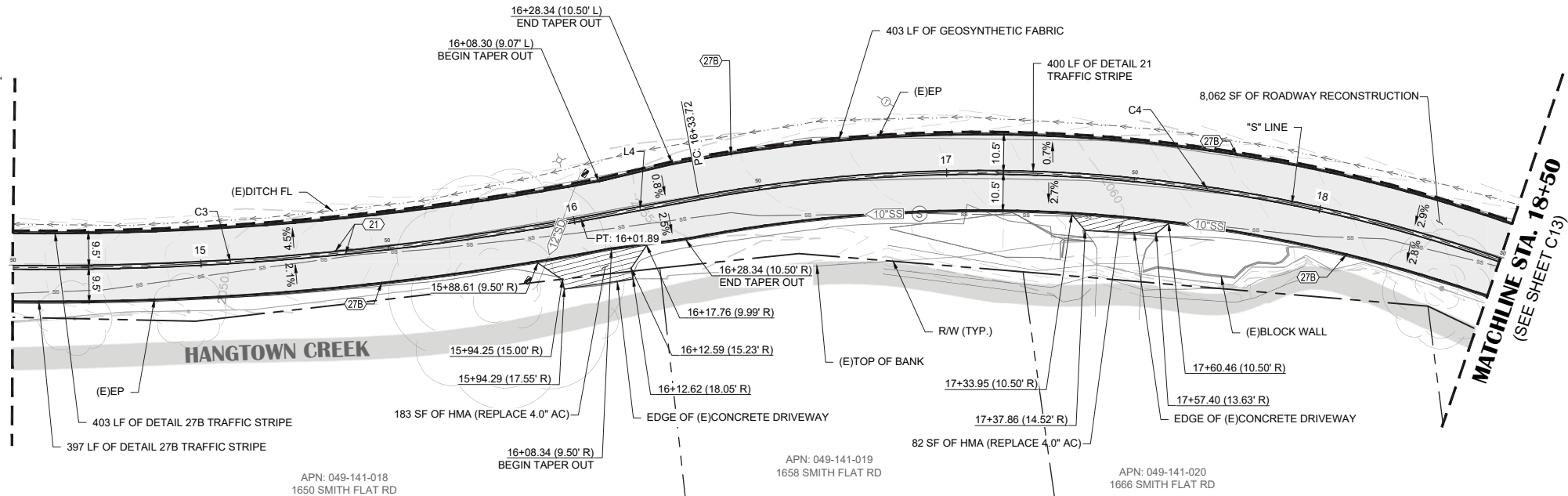
GRADE(S) @
ETW(Rt)▶



2038.79 (E)2038.7	2039.01 (E)2038.9	2038.74 (E)2038.7
2039.37 (E)2039.3	2039.57 (E)2039.5	2039.32 (E)2039.4
2039.96 (E)2039.9	2040.14 (E)2040.1	2039.88 (E)2039.8
2040.56 (E)2040.4	2040.71 (E)2040.7	2040.45 (E)2040.6
2041.15 (E)2041.1	2041.27 (E)2041.3	2041.03 (E)2041.1
2041.73 (E)2041.7	2041.84 (E)2041.8	2041.61 (E)2041.7
2042.30 (E)2042.3	2042.41 (E)2042.4	2042.20 (E)2042.2
2042.88 (E)2042.9	2042.97 (E)2043.0	2042.79 (E)2042.8
2043.45 (E)2043.4	2043.54 (E)2043.6	2043.38 (E)2043.4
2044.03 (E)2044.0	2044.11 (E)2044.1	2043.96 (E)2044.0
2044.60 (E)2044.5	2044.67 (E)2044.7	2044.56 (E)2044.6
2045.17 (E)2045.0	2045.24 (E)2045.2	2045.15 (E)2045.2
2045.74 (E)2045.6	2045.86 (E)2045.8	2045.72 (E)2045.8
2046.31 (E)2046.2	2046.48 (E)2046.5	2046.28 (E)2046.3



MATCHLINE STA. 14+50
(SEE SHEET C11)



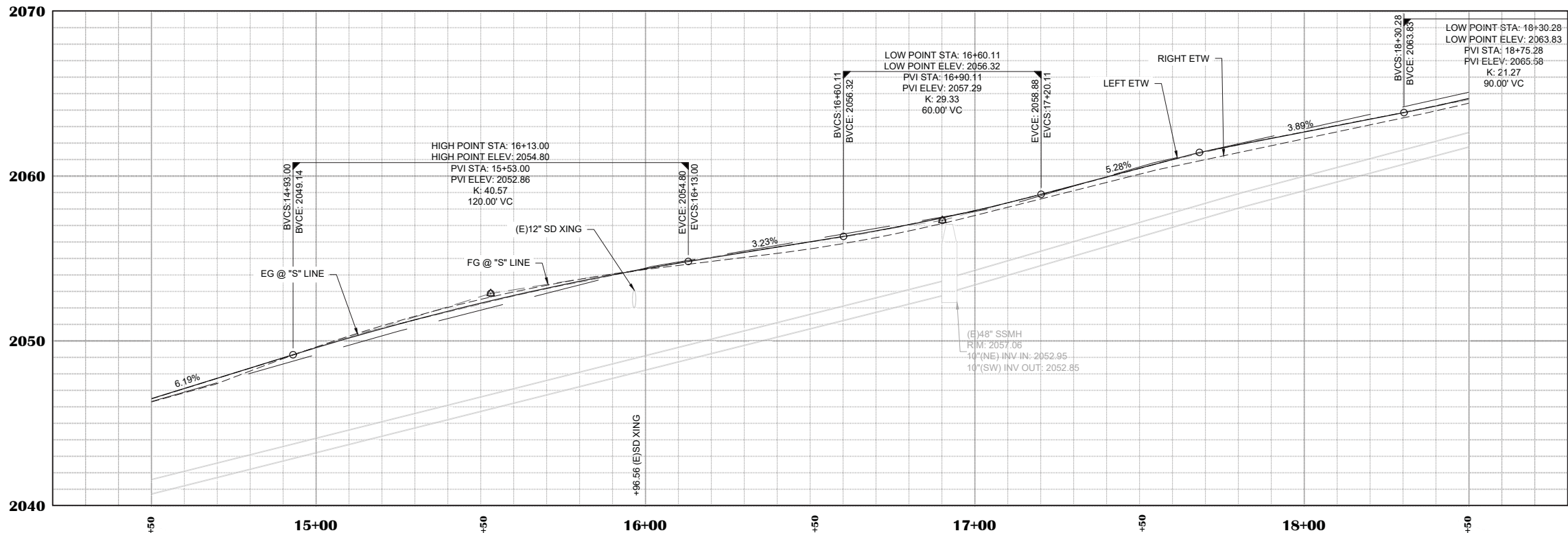
APN: 049-141-018
1650 SMITH FLAT RD

APN: 049-141-019
1658 SMITH FLAT RD

APN: 049-141-020
1666 SMITH FLAT RD

SMITH FLAT ROAD

GRADE(S) @ ETW(L) ▶ @	GRADE(S) @ "S" LINE ▶ @	GRADE(S) @ ETW(R) ▶ @
2046.31 (E)2046.2	2046.48 (E)2046.5	2046.28 (E)2046.3
2046.87 (E)2046.8	2047.10 (E)2047.1	2046.83 (E)2046.8
2047.44 (E)2047.4	2047.72 (E)2047.7	2047.40 (E)2047.4
2048.01 (E)2048.0	2048.34 (E)2048.3	2048.16 (E)2048.0
2048.58 (E)2048.6	2048.96 (E)2049.0	2048.90 (E)2048.8
2049.15 (E)2049.2	2049.57 (E)2049.6	2049.61 (E)2049.6
2049.72 (E)2049.8	2050.16 (E)2050.2	2050.28 (E)2050.4
2050.29 (E)2050.3	2050.72 (E)2050.8	2050.90 (E)2050.9
2050.83 (E)2050.8	2051.28 (E)2051.3	2051.47 (E)2051.4
2051.34 (E)2051.3	2051.78 (E)2051.7	2052.01 (E)2051.9
2051.85 (E)2051.8	2052.27 (E)2052.2	2052.60 (E)2052.4
2052.36 (E)2052.4	2052.74 (E)2052.7	2052.95 (E)2052.9
2052.87 (E)2052.9	2053.18 (E)2053.1	2053.35 (E)2053.2
2053.38 (E)2053.4	2053.60 (E)2053.5	2053.72 (E)2053.5
2053.89 (E)2053.9	2053.99 (E)2054.0	2054.04 (E)2053.9
2054.40 (E)2054.3	2054.36 (E)2054.3	2054.31 (E)2054.3
2054.77 (E)2054.7	2054.70 (E)2054.7	2054.56 (E)2054.6
2055.10 (E)2055.1	2055.02 (E)2055.1	2054.80 (E)2054.8
2055.44 (E)2055.4	2055.35 (E)2055.4	2055.05 (E)2055.0
2055.78 (E)2055.8	2055.67 (E)2055.7	2055.29 (E)2055.2
2056.12 (E)2056.1	2055.99 (E)2056.0	2055.57 (E)2055.5
2056.46 (E)2056.5	2056.32 (E)2056.3	2055.89 (E)2055.7
2056.80 (E)2056.8	2056.66 (E)2056.6	2056.25 (E)2056.1
2057.15 (E)2057.2	2057.03 (E)2057.1	2056.65 (E)2056.5
2057.49 (E)2057.4	2057.44 (E)2057.5	2057.10 (E)2057.0
2057.83 (E)2057.7	2057.88 (E)2057.9	2057.59 (E)2057.4
2058.20 (E)2058.2	2058.36 (E)2058.4	2058.09 (E)2057.9
2058.79 (E)2058.7	2058.87 (E)2058.9	2058.59 (E)2058.3
2059.37 (E)2059.3	2059.40 (E)2059.4	2059.09 (E)2059.0
2059.95 (E)2060.0	2059.93 (E)2059.9	2059.59 (E)2059.6
2060.54 (E)2060.5	2060.45 (E)2060.4	2060.10 (E)2060.1
2061.04 (E)2061.0	2060.98 (E)2061.0	2060.56 (E)2060.6
2061.49 (E)2061.4	2061.48 (E)2061.4	2060.98 (E)2061.1
2061.94 (E)2062.0	2061.87 (E)2061.9	2061.40 (E)2061.5
2062.39 (E)2062.5	2062.26 (E)2062.3	2061.82 (E)2062.0
2062.83 (E)2062.9	2062.65 (E)2062.7	2062.24 (E)2062.3
2063.28 (E)2063.3	2063.04 (E)2063.1	2062.67 (E)2062.7
2063.73 (E)2063.8	2063.43 (E)2063.4	2063.09 (E)2063.1
2064.17 (E)2064.2	2063.82 (E)2063.8	2063.51 (E)2063.5
2064.62 (E)2064.6	2064.23 (E)2064.2	2063.94 (E)2063.8
2065.07 (E)2065.0	2064.69 (E)2064.7	2064.41 (E)2064.2



2070

2060

2050

2040

SHEET LEGEND	
SYMBOL	DESCRIPTION
	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
	HMA (REPLACE 4.0" AC) (SEE DETAIL 3, SHEET C03)
	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
	PAVEMENT MARKING WORDS (SEE CALTRANS 2024 STANDARD PLAN A24D)
	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)
SHEET NOTES	

- ### SHEET NOTES
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
 - STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
 - DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

"S" LINE CURVE DATA

#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C3	14+13.77	16+01.89	800.00	187.68	13.47
C4	16+33.72	19+05.21	420.00	266.78	37.04

"S" LINE LINE DATA

#	LENGTH	BEARING	START STATION	END STATION
L4	31.84	N48° 52' 32.20"E	16+01.89	16+33.72

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=4'

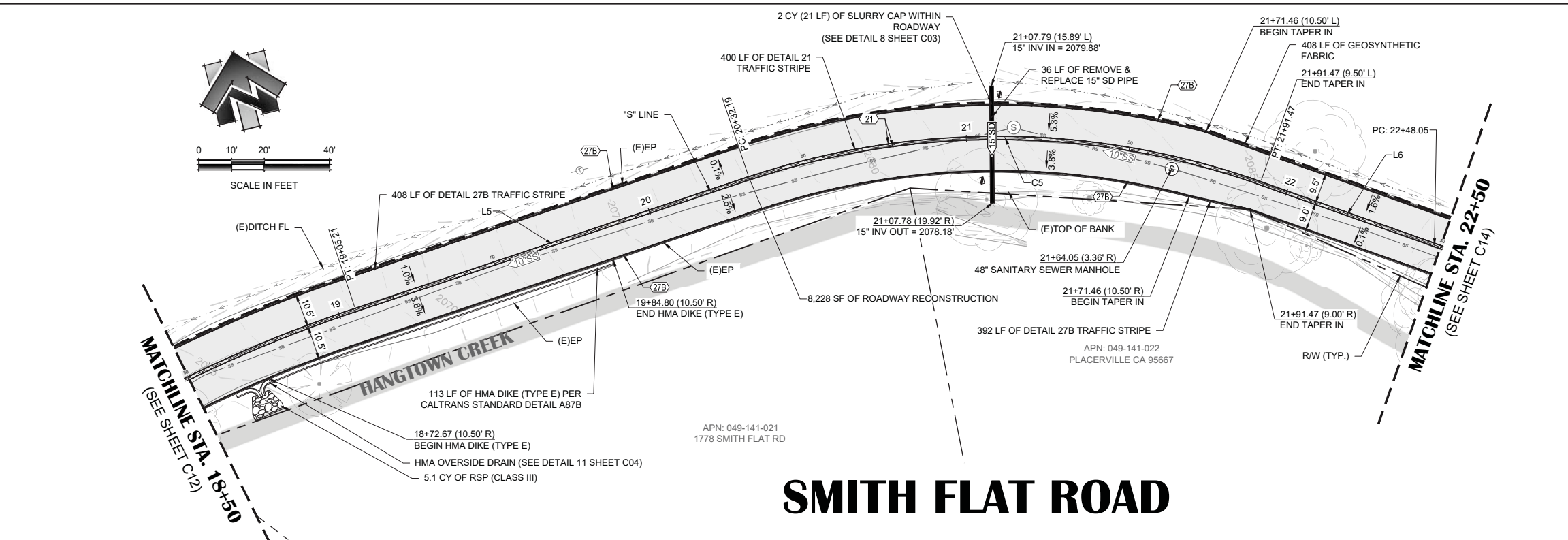


SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213
LAYOUT PLAN & PROFILE - STA. 14+50 TO 18+50
CITY OF PLACERVILLE CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: JLC
DESIGNER: GR
REVIEWER: GR

PROJECT NO.
6884.018
SHEET NO. C12 OF C22





SHEET LEGEND	
SYMBOL	DESCRIPTION
	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
	RSP (CLASS III) PER EL DORADO COUNTY STANDARD DETAIL T-504
	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)
	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
	HMA DIKE (TYPE E) PER CALTRANS STANDARD DETAIL A87B

- ## SHEET NOTES
1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
 2. STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
 3. CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
 4. DETAIL 27B STRIPING SHALL BE PERFORMED FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

[illegible]

DRAWING SCALE

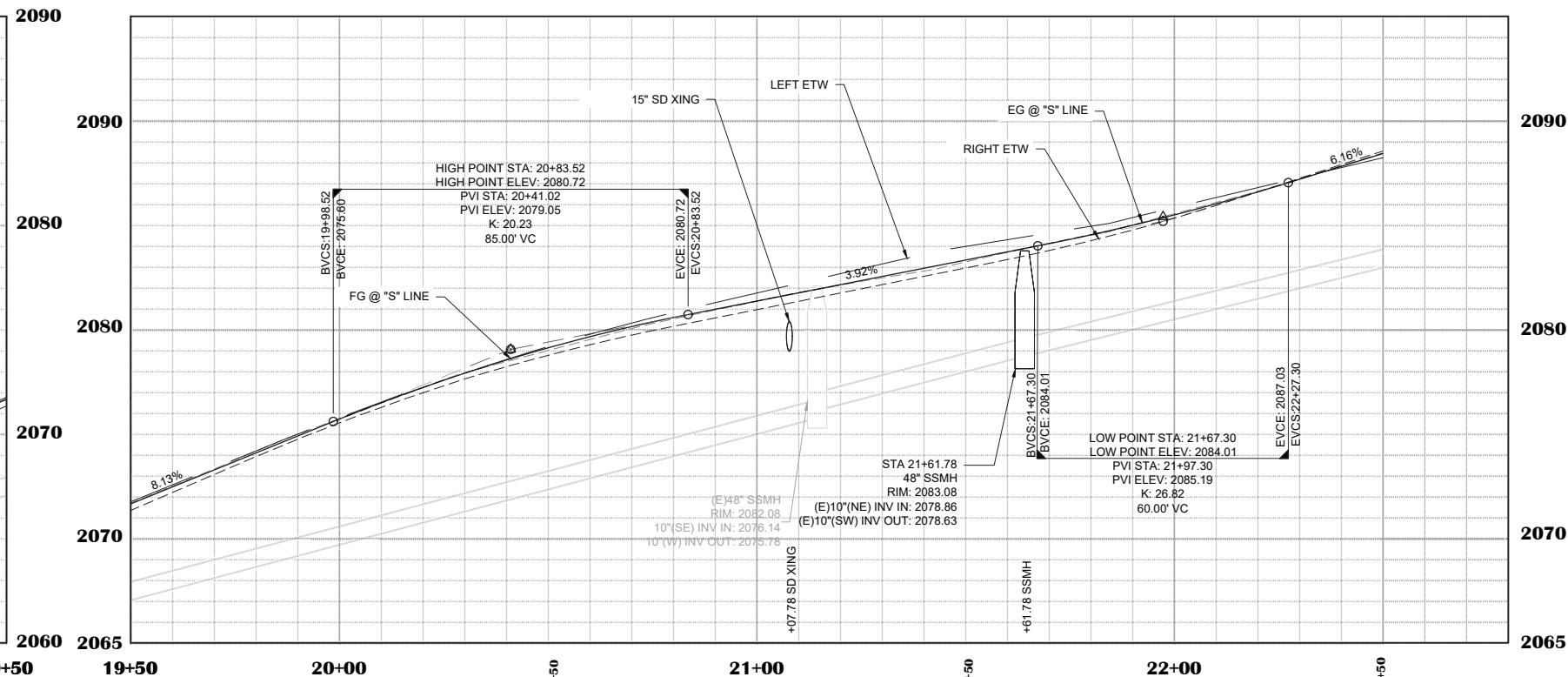
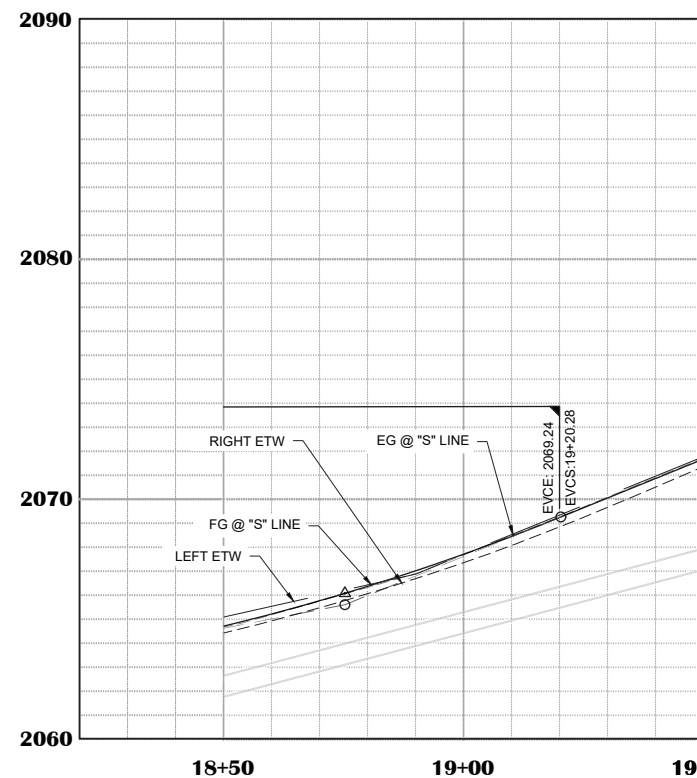
HOR. SCALE: 1"=20'

VERT. SCALE: 1"=4'



"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C5	20+32.19	21+91.47	240.00	156.37	38.02

"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L5	126.98	N85° 54' 40.91"E	19+05.21	20+32.19
L6	56.58	S56° 03' 49.81"E	21+91.47	22+48.05



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP #42213

LAYOUT PLAN & PROFILE - STA. 18+50 TO 22+50

CITY OF PLACERVILLE

CA

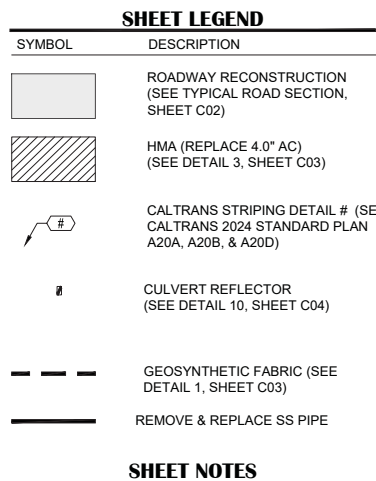
DRAWING INFO

DATE:	5/8/2025
DRAFTER:	JC
DESIGNER:	GR
REVIEWER:	CB

PROJECT NO.
6884.018

SHEET NO. **C13** OF **C22**





1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
2. STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
4. DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C6	22+48.05	26+03.15	585.00	349.67	34.78

"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L7	35.75	N89° 09' 25.26"E	26+03.15	26+38.90



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

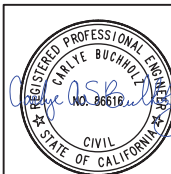
LAYOUT PLAN & PROFILE - STA. 22+50 TO 26+50
CITY OF PLACERVILLE

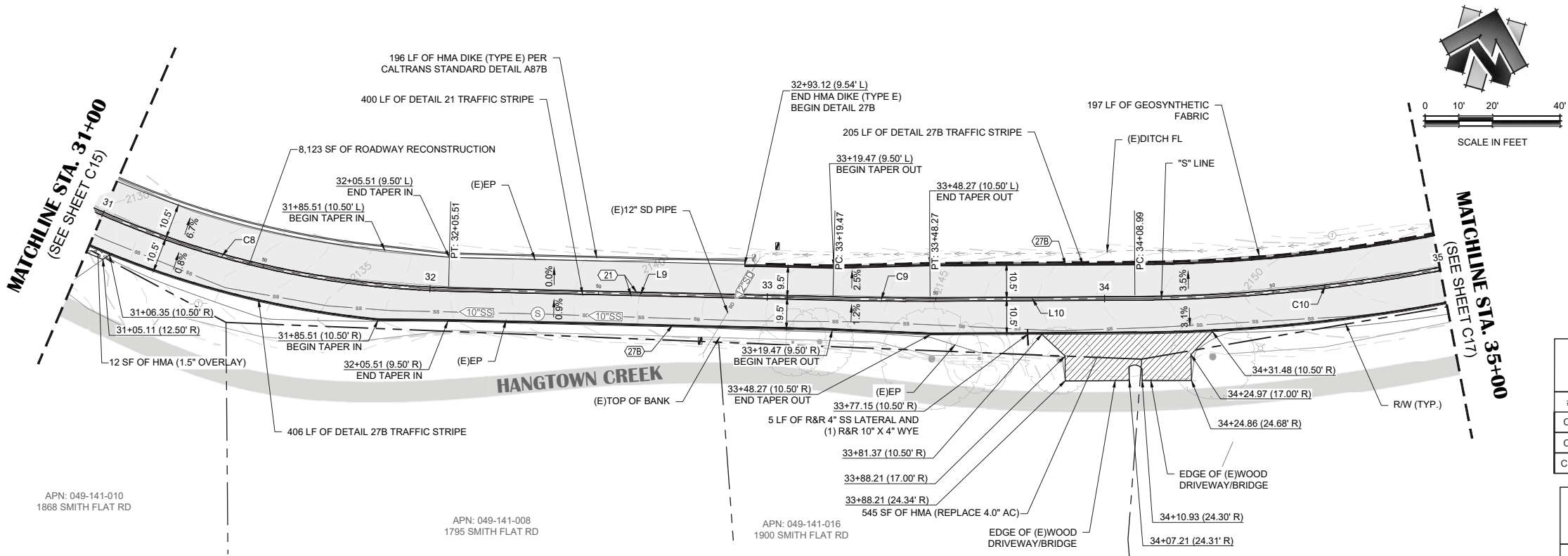
DRAWING INFO

DATE:	5/8/2025
DRAFTER:	JC
DESIGNER:	GR
REVIEWER:	CE

PROJECT NO.
6884.018

SHEET NO. **C14** OF **C22**





SHEET LEGEND	
SYMBOL	DESCRIPTION
	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
	HMA (REPLACE 4.0\"/>
	HMA (1.5\"/>
	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)
	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
	HMA DIKE (TYPE E) PER CALTRANS STANDARD DETAIL A87B

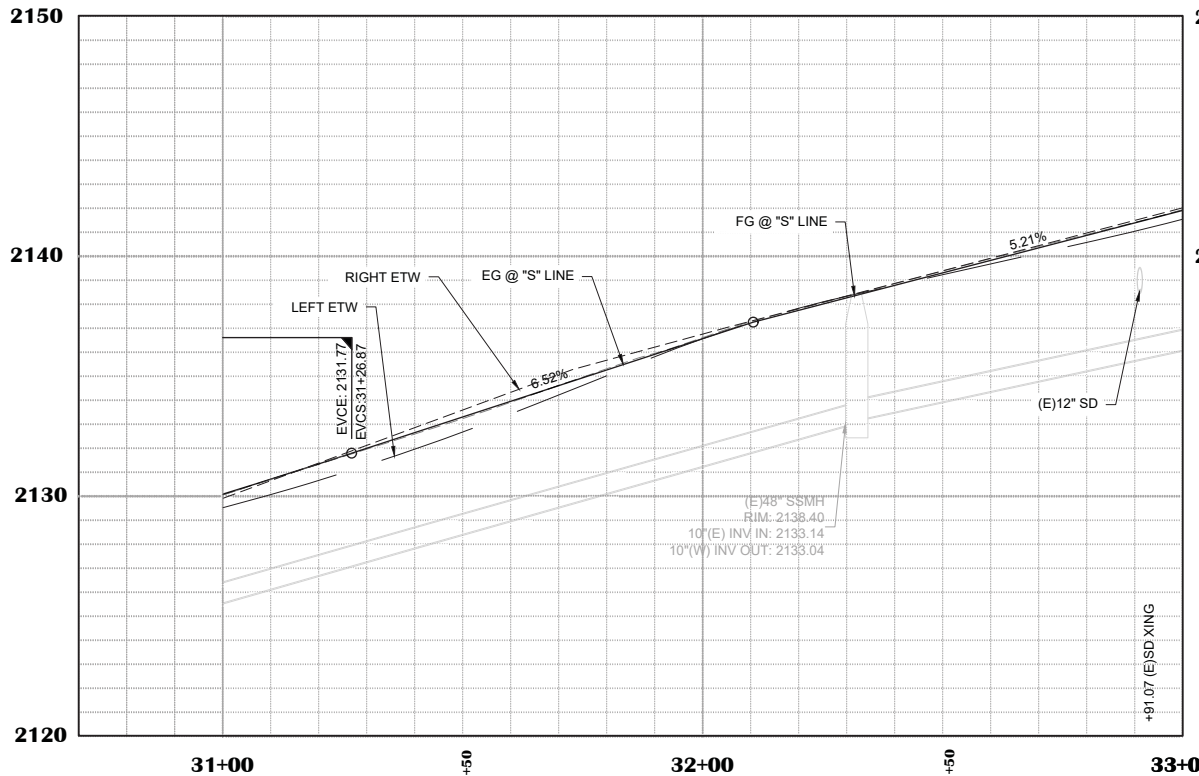
"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C8	30+69.46	32+05.51	275.00	134.67	28.35
C9	33+19.47	33+48.27	1000.00	28.80	1.65
C10	34+08.99	35+21.90	500.00	112.67	12.94

"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L9	113.96	S86° 57' 03.51"E	32+05.51	33+19.47
L10	60.72	S88° 36' 03.76"E	33+48.27	34+08.99

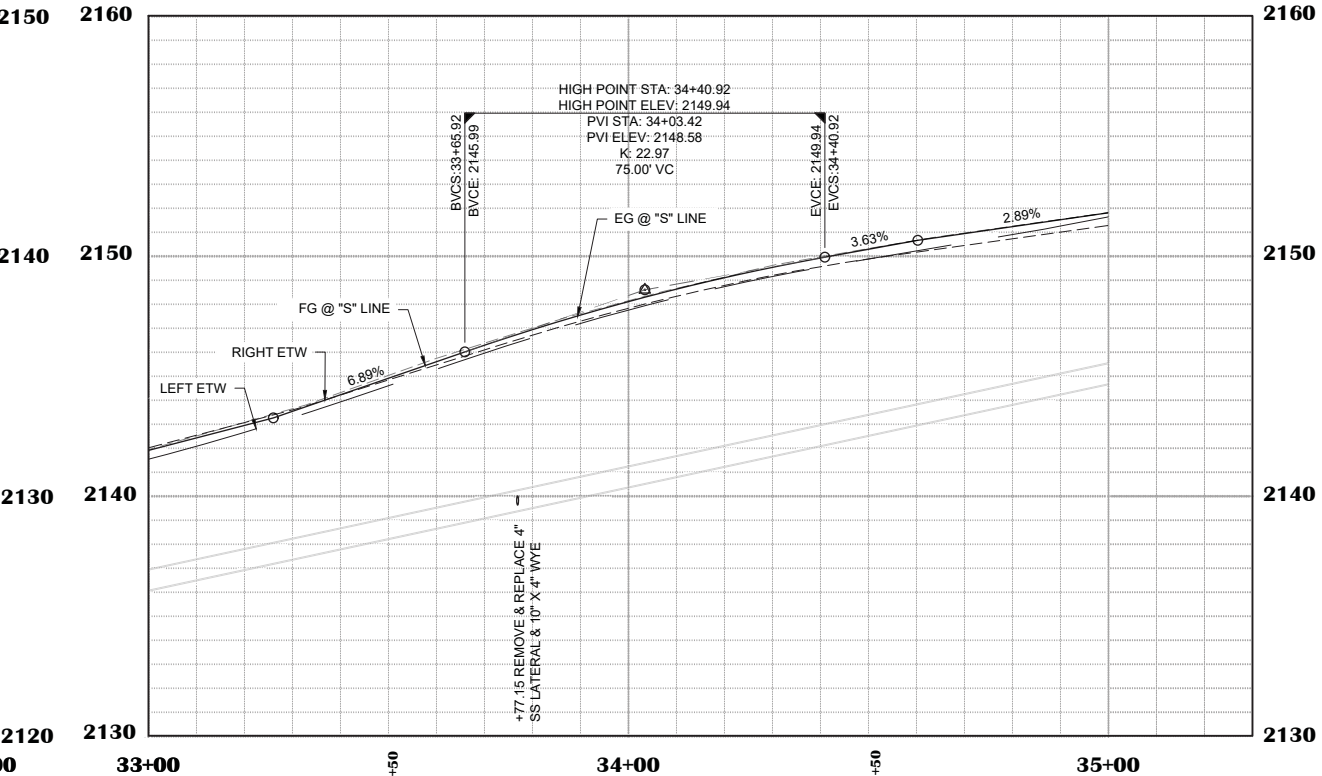
SHEET NOTES

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
- STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
- CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
- DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

GRADE(S) ETW(L) @
2129.89 (E)2129.5
2130.07 (E)2130.0
2130.63 (E)2130.05
2130.69 (E)2130.7
2131.33 (E)2130.5
2131.36 (E)2131.3
2131.98 (E)2131.0
2132.10 (E)2132.4
2132.84 (E)2133.0
2133.57 (E)2133.7
2134.31 (E)2134.4
2135.05 (E)2135.1
2135.65 (E)2135.7
2136.19 (E)2136.2
2136.74 (E)2136.6
2137.27 (E)2137.1
2137.80 (E)2137.6
2138.32 (E)2138.2
2138.85 (E)2138.7
2139.37 (E)2139.3
2139.90 (E)2139.8
2140.42 (E)2140.4
2140.95 (E)2140.9
2141.47 (E)2141.5
2142.00 (E)2142.0



GRADE(S) ETW(R) @
2129.89 (E)2130.0
2130.63 (E)2130.05
2130.69 (E)2130.7
2131.33 (E)2130.5
2131.36 (E)2131.3
2131.98 (E)2131.0
2132.10 (E)2132.4
2132.84 (E)2133.0
2133.57 (E)2133.7
2134.31 (E)2134.4
2135.05 (E)2135.1
2135.65 (E)2135.7
2136.19 (E)2136.2
2136.74 (E)2136.6
2137.27 (E)2137.1
2137.80 (E)2137.6
2138.32 (E)2138.2
2138.85 (E)2138.7
2139.37 (E)2139.3
2139.90 (E)2139.8
2140.42 (E)2140.4
2140.95 (E)2140.9
2141.47 (E)2141.5
2142.00 (E)2142.0



CHECKED BY	DATE
FOR BIDDING PURPOSES	

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=4'

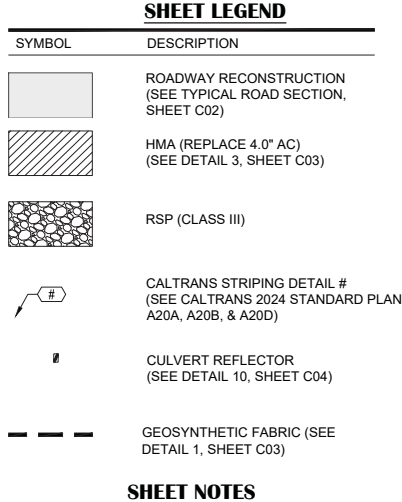
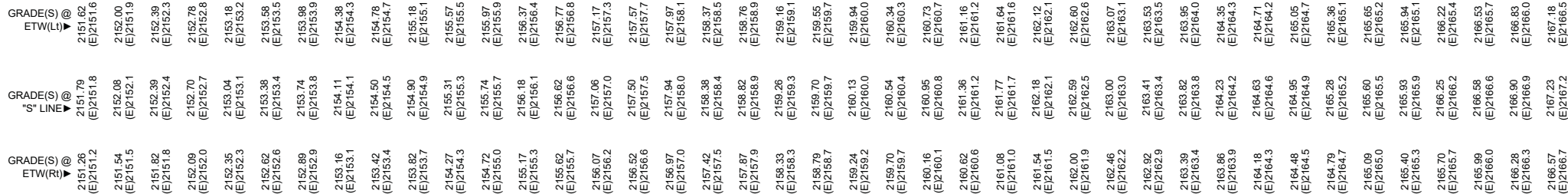


SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213
LAYOUT PLAN & PROFILE - STA. 31+00 TO 35+00
CITY OF PLACERVILLE CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: JC
DESIGNER: CR
REVIEWER: CR

PROJECT NO.
6884.018
SHEET NO. C16 OF C22





- ## "S" LINE LINE DATA

#	LENGTH	BEARING	START STATION	END STATION
L11	98.17	S84° 16' 44.22"E	36+87.59	37+85.75

"S" LINE CURVE DATA

#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C11	35+21.90	36+87.59	550.00	165.06	17.21
C12	37+85.75	38+70.38	500.00	84.53	9.70



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP #42213

LAYOUT PLAN & PROFILE - STA. 35+00 TO 39+00

CITY OF PLACERVILLE

CA

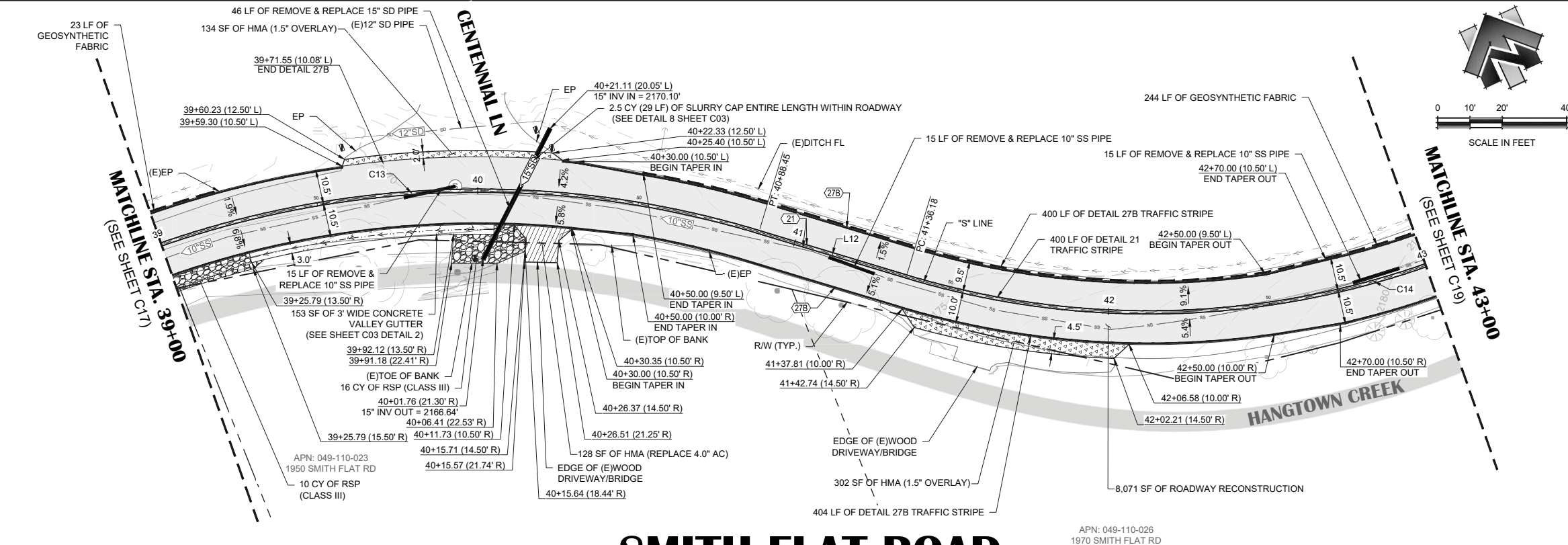
DRAWING INFO

DATE: 5/8/20
DRAFTER:
DESIGNER:
REVIEWER:

PROJECT NO.
6884.018

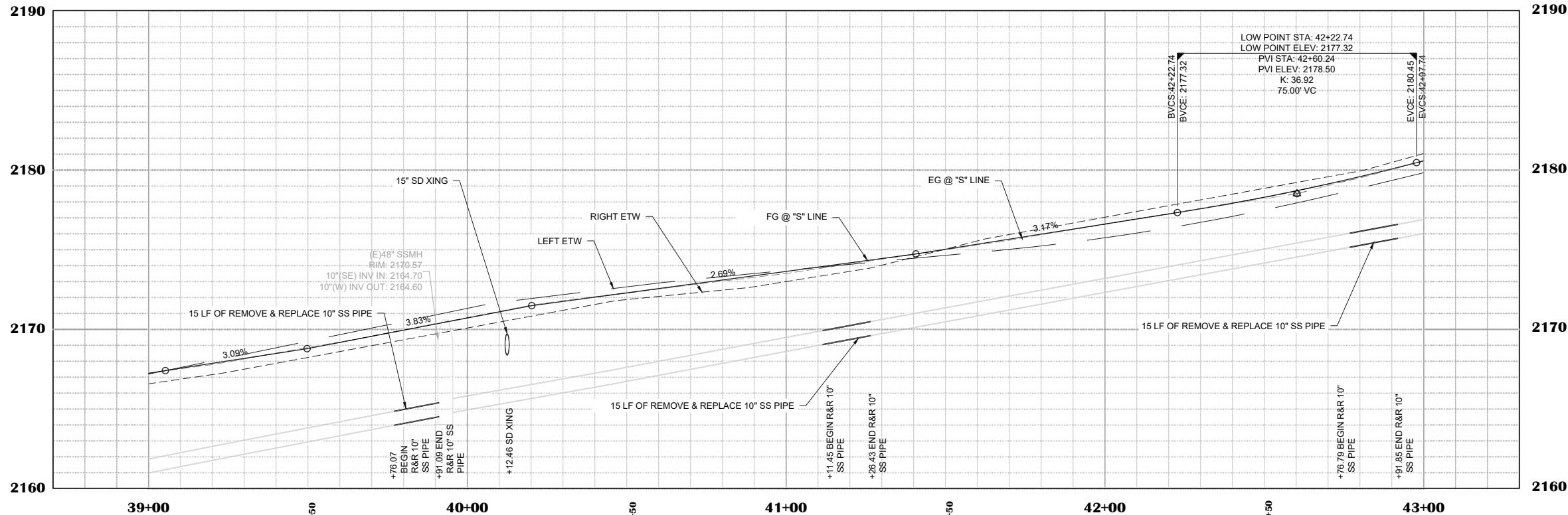
SHEET NO. **C17** OF **C22**





SMITH FLAT ROAD

GRADE(S) ETW(L) ▼ @	2167.18 (E)2166.57	2167.59 (E)2167.1	2168.00 (E)2167.6	2168.41 (E)2168.0	2168.82 (E)2168.4	2169.23 (E)2168.8	2169.64 (E)2169.2	2170.05 (E)2169.6	2170.46 (E)2170.0	2170.87 (E)2170.4	2171.28 (E)2170.8	2171.69 (E)2171.2	2172.10 (E)2171.6	2172.51 (E)2172.0	2172.92 (E)2172.4	2173.33 (E)2172.8	2173.74 (E)2173.2	2174.15 (E)2173.6	2174.56 (E)2174.0	2174.97 (E)2174.4	2175.38 (E)2174.8	2175.79 (E)2175.2	2176.20 (E)2175.6	2176.61 (E)2176.0	2177.02 (E)2176.4	2177.43 (E)2176.8	2177.84 (E)2177.2	2178.25 (E)2177.6	2178.66 (E)2178.0	2179.07 (E)2178.4	2179.48 (E)2178.8	2179.89 (E)2179.2	2180.30 (E)2179.6	2180.71 (E)2180.0	2181.12 (E)2180.4	2181.53 (E)2180.8	2181.94 (E)2181.2	2182.35 (E)2181.6	2182.76 (E)2182.0	2183.17 (E)2182.4	2183.58 (E)2182.8	2183.99 (E)2183.2	2184.40 (E)2183.6	2184.81 (E)2184.0	2185.22 (E)2184.4	2185.63 (E)2184.8	2186.04 (E)2185.2	2186.45 (E)2185.6	2186.86 (E)2186.0	2187.27 (E)2186.4	2187.68 (E)2186.8	2188.09 (E)2187.2	2188.50 (E)2187.6	2188.91 (E)2188.0	2189.32 (E)2188.4	2189.73 (E)2188.8	2190.14 (E)2189.2	2190.55 (E)2189.6	2190.96 (E)2190.0	2191.37 (E)2190.4	2191.78 (E)2190.8	2192.19 (E)2191.2	2192.60 (E)2191.6	2193.01 (E)2192.0	2193.42 (E)2192.4	2193.83 (E)2192.8	2194.24 (E)2193.2	2194.65 (E)2193.6	2195.06 (E)2194.0	2195.47 (E)2194.4	2195.88 (E)2194.8	2196.29 (E)2195.2	2196.70 (E)2195.6	2197.11 (E)2196.0	2197.52 (E)2196.4	2197.93 (E)2196.8	2198.34 (E)2197.2	2198.75 (E)2197.6	2199.16 (E)2198.0	2199.57 (E)2198.4	2199.98 (E)2198.8	2200.39 (E)2199.2	2200.80 (E)2199.6	2201.21 (E)2200.0	2201.62 (E)2200.4	2202.03 (E)2200.8	2202.44 (E)2201.2	2202.85 (E)2201.6	2203.26 (E)2202.0	2203.67 (E)2202.4	2204.08 (E)2202.8	2204.49 (E)2203.2	2204.90 (E)2203.6	2205.31 (E)2204.0	2205.72 (E)2204.4	2206.13 (E)2204.8	2206.54 (E)2205.2	2206.95 (E)2205.6	2207.36 (E)2206.0	2207.77 (E)2206.4	2208.18 (E)2206.8	2208.59 (E)2207.2	2209.00 (E)2207.6	2209.41 (E)2208.0	2209.82 (E)2208.4	2210.23 (E)2208.8	2210.64 (E)2209.2	2211.05 (E)2209.6	2211.46 (E)2210.0	2211.87 (E)2210.4	2212.28 (E)2210.8	2212.69 (E)2211.2	2213.10 (E)2211.6	2213.51 (E)2212.0	2213.92 (E)2212.4	2214.33 (E)2212.8	2214.74 (E)2213.2	2215.15 (E)2213.6	2215.56 (E)2214.0	2215.97 (E)2214.4	2216.38 (E)2214.8	2216.79 (E)2215.2	2217.20 (E)2215.6	2217.61 (E)2216.0	2218.02 (E)2216.4	2218.43 (E)2216.8	2218.84 (E)2217.2	2219.25 (E)2217.6	2219.66 (E)2218.0	2220.07 (E)2218.4	2220.48 (E)2218.8	2220.89 (E)2219.2	2221.30 (E)2219.6	2221.71 (E)2220.0	2222.12 (E)2220.4	2222.53 (E)2220.8	2222.94 (E)2221.2	2223.35 (E)2221.6	2223.76 (E)2222.0	2224.17 (E)2222.4	2224.58 (E)2222.8	2224.99 (E)2223.2	2225.40 (E)2223.6	2225.81 (E)2224.0	2226.22 (E)2224.4	2226.63 (E)2224.8	2227.04 (E)2225.2	2227.45 (E)2225.6	2227.86 (E)2226.0	2228.27 (E)2226.4	2228.68 (E)2226.8	2229.09 (E)2227.2	2229.50 (E)2227.6	2229.91 (E)2228.0	2230.32 (E)2228.4	2230.73 (E)2228.8	2231.14 (E)2229.2	2231.55 (E)2229.6	2231.96 (E)2230.0	2232.37 (E)2230.4	2232.78 (E)2230.8	2233.19 (E)2231.2	2233.60 (E)2231.6	2234.01 (E)2232.0	2234.42 (E)2232.4	2234.83 (E)2232.8	2235.24 (E)2233.2	2235.65 (E)2233.6	2236.06 (E)2234.0	2236.47 (E)2234.4	2236.88 (E)2234.8	2237.29 (E)2235.2	2237.70 (E)2235.6	2238.11 (E)2236.0	2238.52 (E)2236.4	2238.93 (E)2236.8	2239.34 (E)2237.2	
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SYMBOL	DESCRIPTION
	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
	RSP (CLASS III) PER EL DORADO COUNTY STANDARD DETAIL T-504
	HMA (REPLACE 4.0" AC) (SEE DETAIL 3, SHEET C03)
	HMA (1.5" OVERLAY) (SEE DETAIL 4, SHEET C03)
	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
	VALLEY GUTTER (SEE DETAIL 2 SHEET C03)
	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)
	REMOVE & REPLACE SEWER

- ## SHEET NOTES
1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
 2. STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
 3. CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
 4. DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C13	38+70.38	40+88.45	300.00	213.30	41.65
C14	41+36.18	44+34.35	260.00	282.09	65.71

"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L12	47.73	S52° 19' 42.72"E	40+88.45	41+36.18

#	LENGTH	BEARING	START STATION	END STATION
L12	47.73	S52° 19' 42.72"E	40+88.45	41+36.18

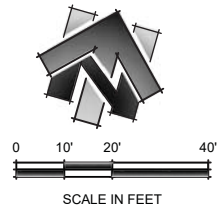


R.E.Y. ENGINEERS, Inc.
Civil Engineering / Land Surveying / Remote Sensing
905 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax (916) 366-3303

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213
LAYOUT PLAN & PROFILE - STA. 39+00 TO 43+00
CITY OF PLACERVILLE CA

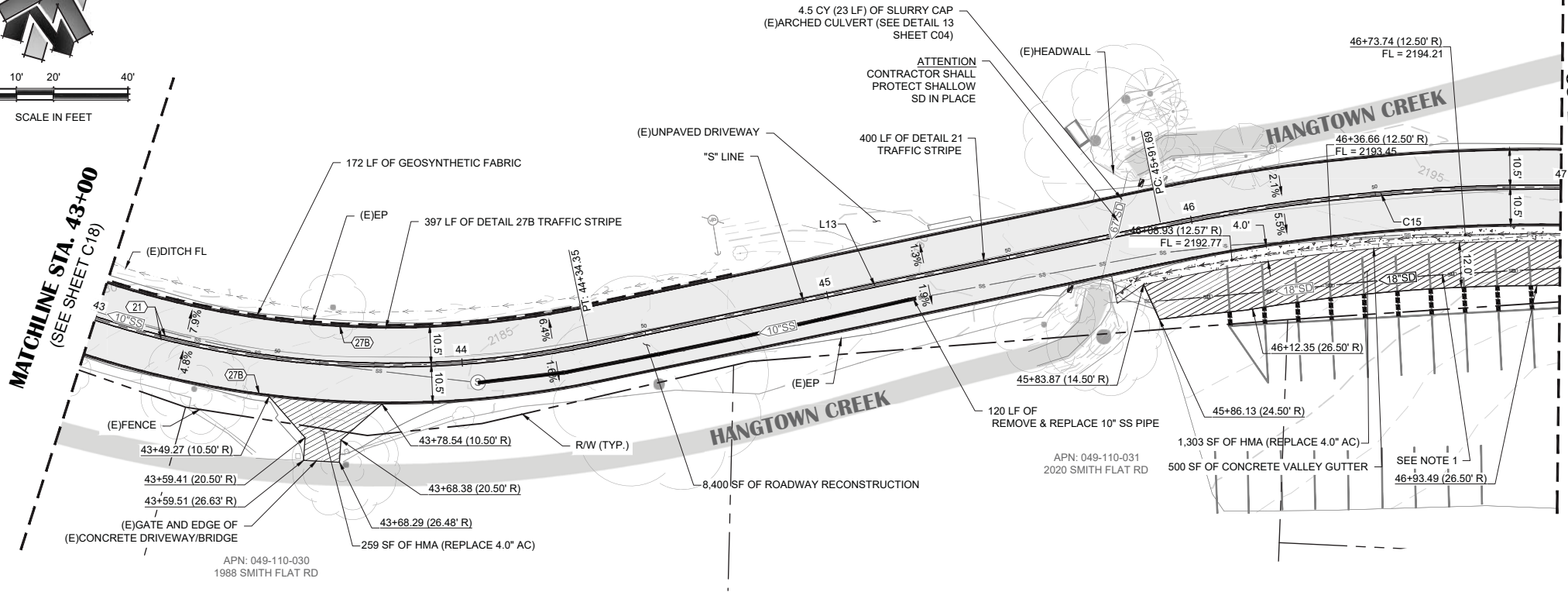
DRAWING INFO	
DATE:	5/8/2025
DRAFTER:	JC
DESIGNER:	GR
REVIEWER:	CB

PROJECT NO.
6884.018
SHEET NO. **C18** OF **C22**



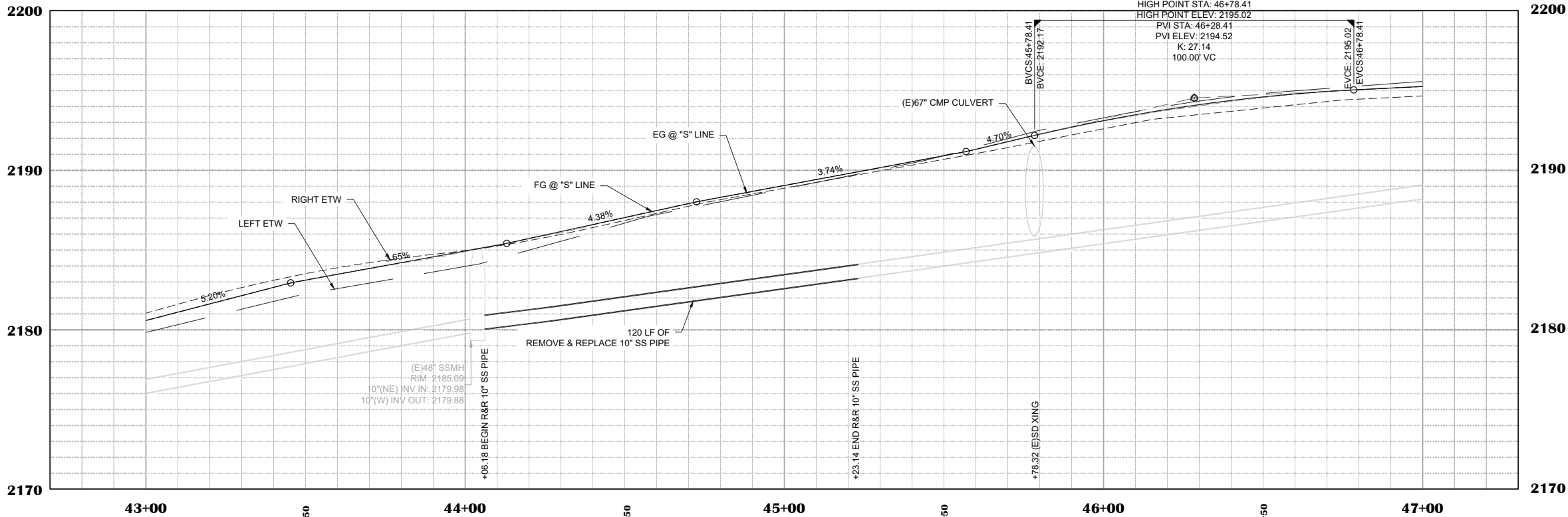
MATCHLINE STA. 43+00
(SEE SHEET C18)

MATCHLINE STA. 47+00
(SEE SHEET C20)



SMITH FLAT ROAD

GRADE(S) ETW(L) @	GRADE(S) "S" LINE @	GRADE(S) ETW(R) @
2179.82 (E)2179.8	2180.57 (E)2180.6	2181.02 (E)2181.0
2180.30 (E)2180.3	2181.09 (E)2181.1	2181.58 (E)2181.6
2180.79 (E)2180.8	2181.61 (E)2181.6	2182.13 (E)2182.1
2181.28 (E)2181.3	2182.13 (E)2182.1	2182.63 (E)2182.6
2181.76 (E)2181.8	2182.65 (E)2182.6	2183.09 (E)2183.1
2182.22 (E)2182.2	2183.10 (E)2183.1	2183.50 (E)2183.5
2182.52 (E)2182.5	2183.46 (E)2183.5	2183.87 (E)2183.9
2182.85 (E)2182.8	2183.83 (E)2183.8	2184.19 (E)2184.2
2183.26 (E)2183.3	2184.19 (E)2184.2	2184.47 (E)2184.5
2183.61 (E)2183.6	2184.56 (E)2184.5	2184.71 (E)2184.6
2183.96 (E)2184.0	2184.92 (E)2184.9	2184.95 (E)2184.7
2184.42 (E)2184.5	2185.29 (E)2185.3	2185.24 (E)2185.0
2184.98 (E)2185.0	2185.70 (E)2185.7	2185.58 (E)2185.4
2185.05 (E)2185.0	2186.14 (E)2186.1	2185.96 (E)2185.9
2185.55 (E)2185.5	2186.58 (E)2186.6	2186.39 (E)2186.4
2186.10 (E)2186.0	2186.88 (E)2186.8	2186.84 (E)2186.9
2186.66 (E)2186.6	2187.02 (E)2187.0	2187.22 (E)2187.0
2187.20 (E)2187.2	2187.45 (E)2187.5	2187.59 (E)2187.6
2187.77 (E)2187.7	2187.89 (E)2187.9	2187.95 (E)2187.9
2188.01 (E)2188.0	2188.28 (E)2188.3	2188.50 (E)2188.4
2188.42 (E)2188.5	2188.66 (E)2188.7	2188.86 (E)2188.7
2188.82 (E)2188.8	2188.93 (E)2188.9	2189.22 (E)2189.0
2189.22 (E)2189.2	2189.40 (E)2189.4	2189.59 (E)2189.4
2189.63 (E)2189.6	2189.78 (E)2189.8	2189.95 (E)2189.7
2190.03 (E)2190.0	2190.15 (E)2190.1	2190.31 (E)2190.1
2190.43 (E)2190.4	2190.52 (E)2190.5	2190.67 (E)2190.4
2190.91 (E)2190.9	2190.90 (E)2190.9	2191.03 (E)2190.9
2191.44 (E)2191.4	2191.30 (E)2191.3	2191.41 (E)2191.5
2191.77 (E)2191.7	2191.73 (E)2191.8	2191.80 (E)2191.7
2192.24 (E)2192.5	2192.24 (E)2192.3	2192.20 (E)2192.3
2192.88 (E)2192.8	2192.69 (E)2192.7	2192.58 (E)2192.6
2193.27 (E)2193.3	2193.47 (E)2193.4	2193.67 (E)2193.0
2193.66 (E)2193.7	2193.80 (E)2193.8	2194.01 (E)2194.0
2194.01 (E)2194.0	2193.77 (E)2193.7	2194.48 (E)2194.3
2194.58 (E)2194.8	2194.10 (E)2194.1	2194.88 (E)2194.5
2194.80 (E)2194.7	2194.59 (E)2194.5	2194.97 (E)2194.8
2195.11 (E)2195.1	2194.92 (E)2194.9	2195.44 (E)2195.1
2195.26 (E)2195.2	2195.04 (E)2195.0	2195.55 (E)2195.2
2195.41 (E)2195.4	2195.14 (E)2195.1	2195.84 (E)2195.4
2195.55 (E)2195.5	2195.91 (E)2195.9	2196.24 (E)2196.6



SHEET LEGEND

SYMBOL	DESCRIPTION
	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
	HMA (REPLACE 4.0" AC) (SEE DETAIL 3, SHEET C03)
	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)
	VALLEY GUTTER (SEE DETAIL 2 SHEET C03)
	REMOVE & REPLACE SS PIPE
	PAVEMENT PAINT (TOTAL: 19 SF)

SHEET NOTES

- SEE SD PLAN & PROFILE ON SHEET C22 FOR PIPE PROFILE AND ELEVATIONS.
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
- STATION OFFSET LABELS ARE TO "S" LINE, UNLESS OTHERWISE NOTED.
- CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
- DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

"S" LINE CURVE DATA

#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C15	45+91.69	47+11.37	500.00	119.40	13.72

"S" LINE LINE DATA

#	LENGTH	BEARING	START STATION	END STATION
L13	157.34	N61° 57' 54.23"E	44+34.35	45+91.69

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE
FOR BIDDING PURPOSES				

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N.T.S.



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SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

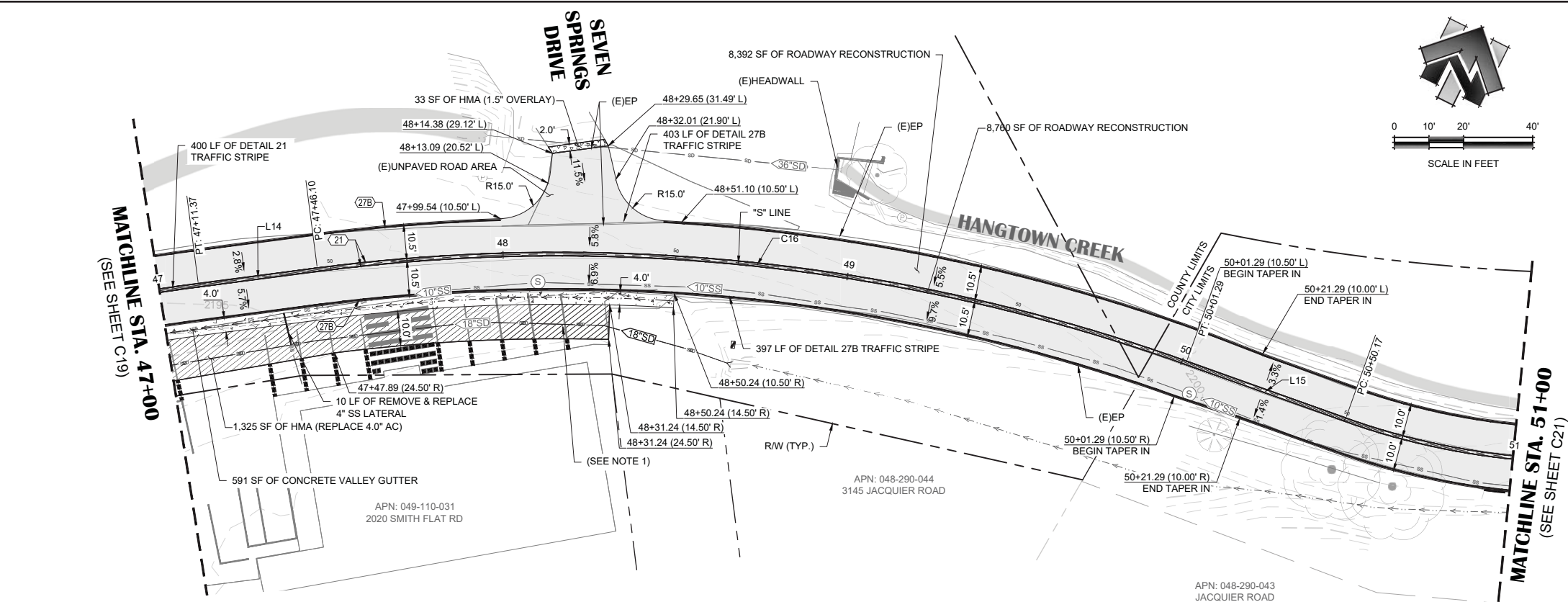
LAYOUT PLAN & PROFILE - STA. 43+00 TO 47+00
CITY OF PLACERVILLE CA

DRAWING INFO

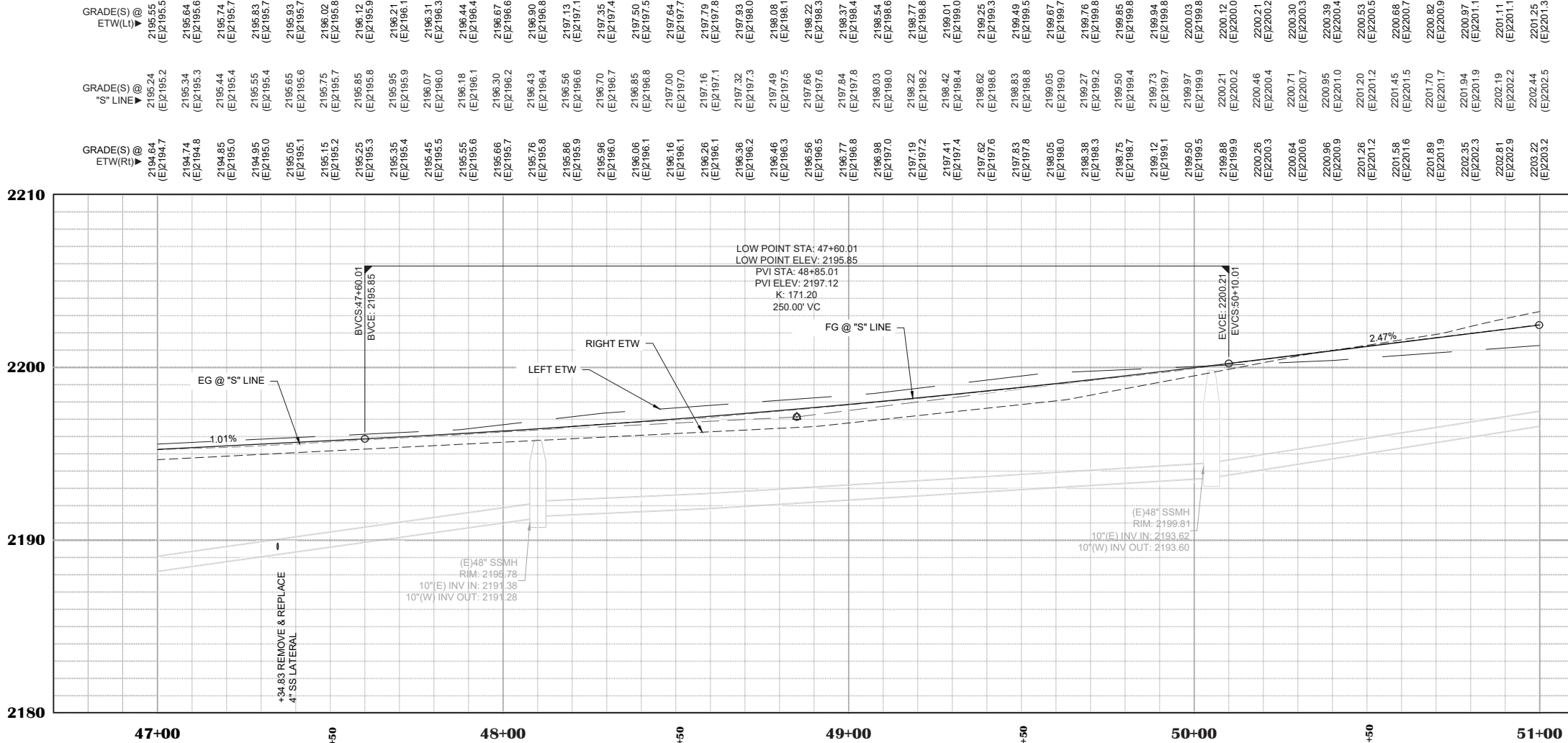
DATE: 5/8/2025
DRAFTER: JLC
DESIGNER: GR
REVIEWER: GR

PROJECT NO.
6884.018
SHEET NO. **C19** OF **C22**





SMITH FLAT ROAD



SHEET LEGEND

SYMBOL	DESCRIPTION
[Solid Gray Box]	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
[Diagonal Hatching Box]	HMA (REPLACE 4.0" AC) (SEE DETAIL 3, SHEET C03)
[Cross-hatching Box]	HMA (1.5" OVERLAY) (SEE DETAIL 4, SHEET C03)
[Symbol with #]	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
[Symbol with #]	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
[Symbol with #]	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)
[Symbol with #]	VALLEY GUTTER (SEE DETAIL 2 SHEET C03)
[Dashed Line]	PAVEMENT PAINT (TOTAL: 86 SF)

- SHEET NOTES**
- SEE SD PLAN & PROFILE ON SHEET C22 FOR PIPE PROFILE AND ELEVATIONS.
 - QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
 - STATION OFFSET LABELS ARE TO SD LINE "A", UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
 - DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5" TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L14	34.73	N75° 40' 48.92"E	47+11.37	47+46.10
L15	48.89	S77° 14' 37.33"E	50+01.29	50+50.17

"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C16	47+46.10	50+01.29	540.00	252.82	27.08



NO. / REVISION	DESCRIPTION	CHECKED BY	DATE

FOR BIDDING
PURPOSES

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N.T.S.



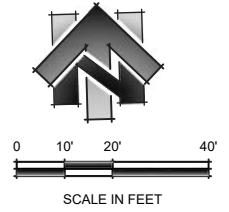
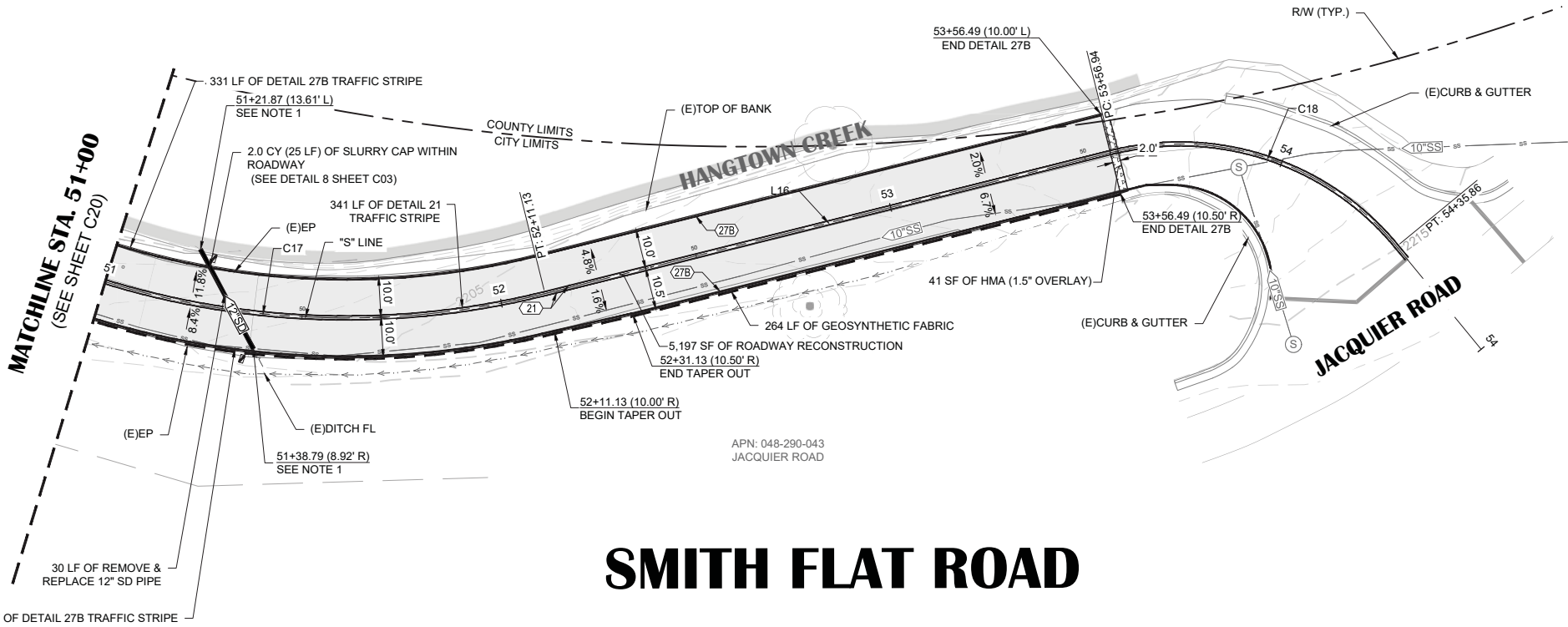
R.E.Y. ENGINEERS, Inc.
Civil Engineering and Surveying Remote Sensing
495 S. Main Street, Suite 200, Placerville, CA 95330
916.366.3000 Fax 916.366.3003

SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

LAYOUT PLAN & PROFILE - STA. 47+00 TO 51+00
CITY OF PLACERVILLE CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: JLC
DESIGNER: GR
REVIEWER: GR

PROJECT NO.
6884.018
SHEET NO. **C20** OF **C22**



SHEET LEGEND

SYMBOL	DESCRIPTION
[Solid Grey Box]	ROADWAY RECONSTRUCTION (SEE TYPICAL ROAD SECTION, SHEET C02)
[Patterned Box]	HMA (1.5" OVERLAY) (SEE DETAIL 4, SHEET C03)
[Symbol with #]	CALTRANS STRIPING DETAIL # (SEE CALTRANS 2024 STANDARD PLAN A20A, A20B, & A20D)
[Symbol with R]	CULVERT REFLECTOR (SEE DETAIL 10, SHEET C04)
[Dashed Line]	GEOSYNTHETIC FABRIC (SEE DETAIL 1, SHEET C03)

SHEET NOTES

- CONTRACTOR TO VERIFY DEPTH AND MATCH CROWN OF EXISTING SD PIPE.
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
- STATION OFFSET LABELS ARE TO SD LINE "A", UNLESS OTHERWISE NOTED.
- CONTRACTOR TO POTHOLE AND VERIFY SEWER PIPE DEPTH PRIOR TO STORM DRAIN PIPE TRENCHING AND INSTALLATION.
- DETAIL 27B STRIPING SHALL BE OFFSET FROM ETW 5' TO THE CENTER OF STRIPE, PER THE CALTRANS 2024 STANDARD PLAN A20B.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE
FOR BIDDING PURPOSES				

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N.T.S.

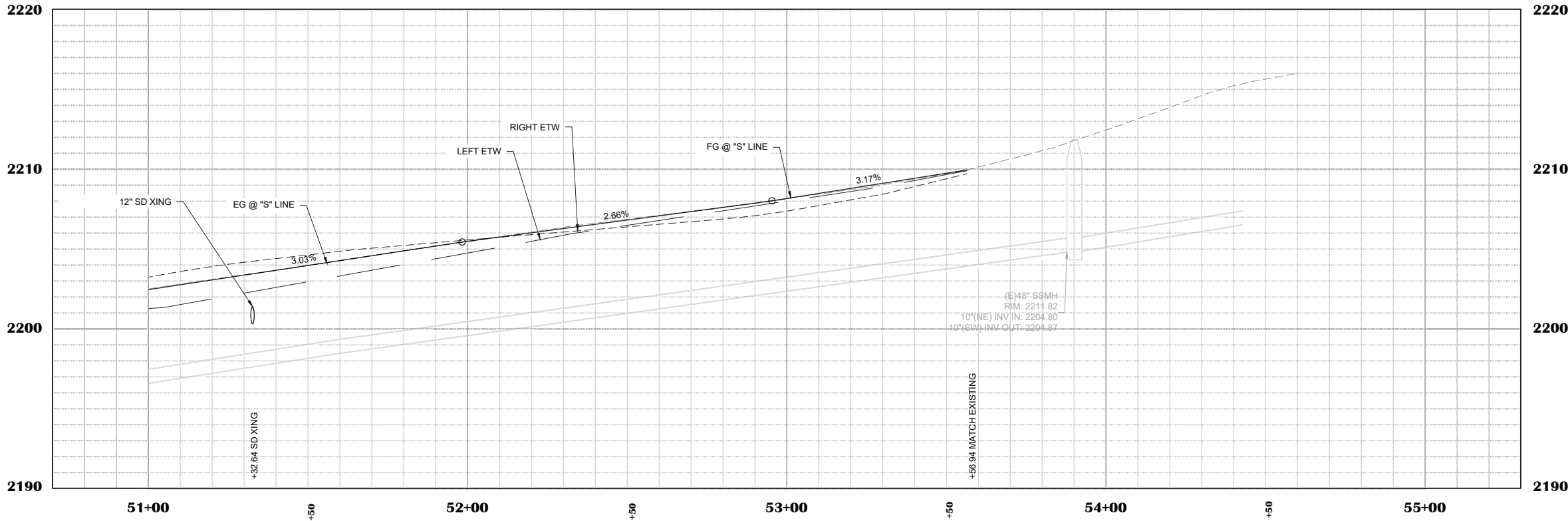


R.E.Y. ENGINEERS, Inc.
Civil Engineering and Surveying
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Phone: 209-366-3000 Fax: 209-366-3003

"S" LINE LINE DATA				
#	LENGTH	BEARING	START STATION	END STATION
L16	145.81	N57° 46' 14.11"E	52+11.13	53+56.94

"S" LINE CURVE DATA					
#	START STATION	END STATION	RADIUS	LENGTH	DELTA
C17	50+50.17	52+11.13	205.00	156.85	44.99
C18	53+56.94	54+35.86	70.00	74.81	64.60

GRADE(S) @ ETW(Lt) ▶	2201.25 (E)/2201.3	2201.44 (E)/2201.5	2201.50 (E)/2201.6	2201.86 (E)/2201.8	2202.22 (E)/2202.3	2202.58 (E)/2202.6	2202.94 (E)/2202.9	2203.30 (E)/2203.3	2203.66 (E)/2203.6	2204.01 (E)/2204.0	2204.37 (E)/2204.3	2204.73 (E)/2204.6	2205.09 (E)/2205.0	2205.47 (E)/2205.4	2205.84 (E)/2205.8	2206.16 (E)/2206.2	2206.47 (E)/2206.5	2206.77 (E)/2206.8	2207.07 (E)/2207.1	2207.37 (E)/2207.4	2207.68 (E)/2207.7	2207.98 (E)/2207.9	2208.28 (E)/2208.2	2208.59 (E)/2208.5	2208.90 (E)/2208.9	2209.27 (E)/2209.2	2209.65 (E)/2209.6
GRADE(S) @ "S" LINE ▶	2202.44 (E)/2202.5	2202.74 (E)/2202.8	2203.05 (E)/2203.1	2203.35 (E)/2203.4	2203.65 (E)/2203.6	2203.96 (E)/2203.9	2204.26 (E)/2204.3	2204.56 (E)/2204.6	2204.86 (E)/2204.9	2205.17 (E)/2205.2	2205.46 (E)/2205.4	2205.73 (E)/2205.8	2206.00 (E)/2206.0	2206.26 (E)/2206.3	2206.53 (E)/2206.6	2206.79 (E)/2206.8	2207.06 (E)/2207.1	2207.33 (E)/2207.3	2207.59 (E)/2207.6	2207.86 (E)/2207.8	2208.15 (E)/2208.1	2208.46 (E)/2208.4	2208.78 (E)/2208.7	2209.10 (E)/2209.0	2209.41 (E)/2209.4	2209.73 (E)/2209.7	
GRADE(S) @ ETW(Rt) ▶	2203.22 (E)/2203.2	2203.58 (E)/2203.6	2203.89 (E)/2203.8	2204.15 (E)/2204.1	2204.39 (E)/2204.4	2204.61 (E)/2204.6	2204.84 (E)/2204.9	2205.04 (E)/2205.0	2205.21 (E)/2205.2	2205.38 (E)/2205.4	2205.55 (E)/2205.6	2205.72 (E)/2205.8	2205.89 (E)/2205.9	2206.05 (E)/2206.0	2206.21 (E)/2206.2	2206.37 (E)/2206.3	2206.53 (E)/2206.5	2206.70 (E)/2206.7	2206.86 (E)/2206.8	2207.08 (E)/2207.0	2207.36 (E)/2207.3	2207.70 (E)/2207.7	2208.06 (E)/2208.1	2208.42 (E)/2208.4	2208.89 (E)/2208.9	2209.38 (E)/2209.4	

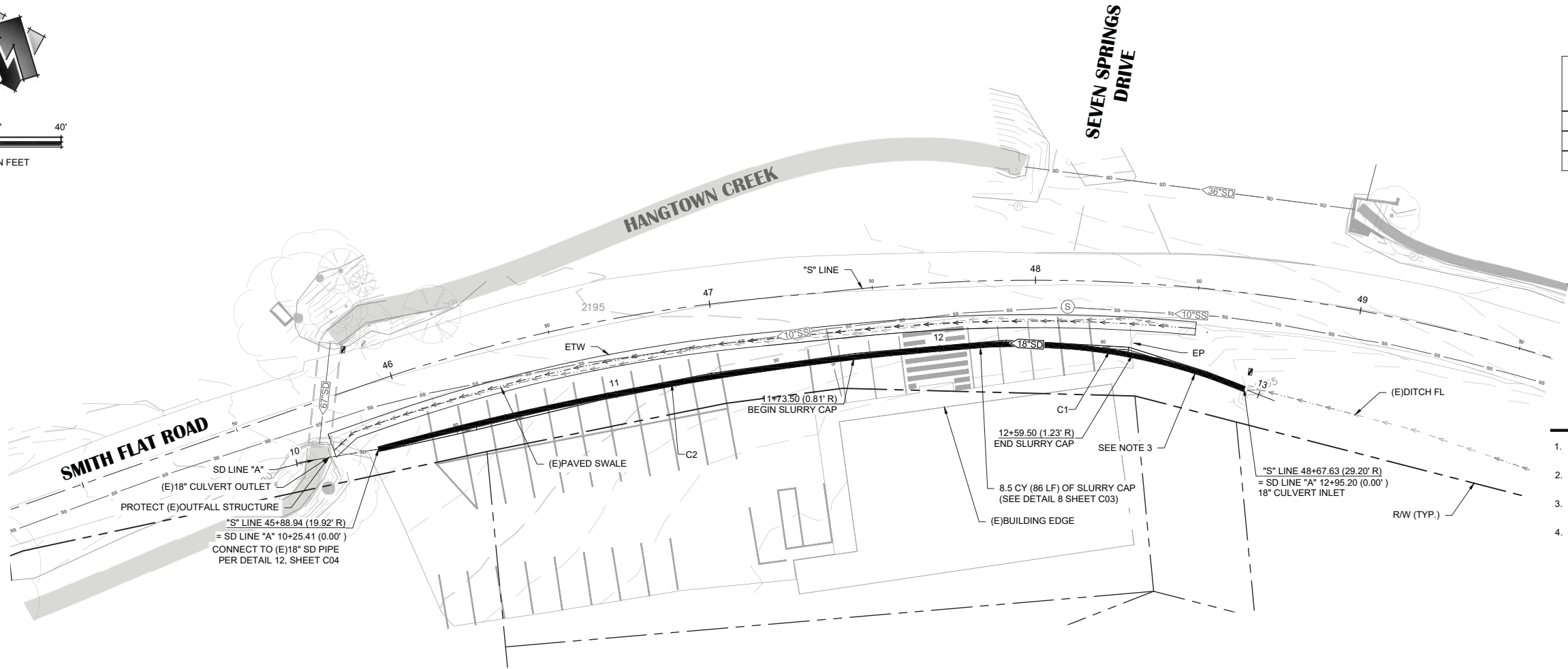
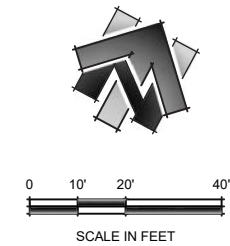


SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT
CIP #42213

LAYOUT PLAN & PROFILE - STA. 51+00 TO 55+00
CITY OF PLACERVILLE CA

DRAWING INFO	
DATE:	5/8/2025
DRAFTER:	JC
DESIGNER:	GR
REVIEWER:	GR
PROJECT NO. 6884.018	
SHEET NO. C21 OF C22	

N:\6884 - City of Placerville\018 - Smith Flat Road Storm Drain and Repaving Project\10 - CAD Drawings\Improvement Plans\6884.018 DRAINAGE SHEETS.dwg May 19, 2025 - 2:20pm, gromos



SD LINE "A" CURVE DATA			
#	LENGTH	RADIUS	DELTA
C1	85.81	183.37	26.81
C2	183.77	979.72	10.75

SHEET NOTES:

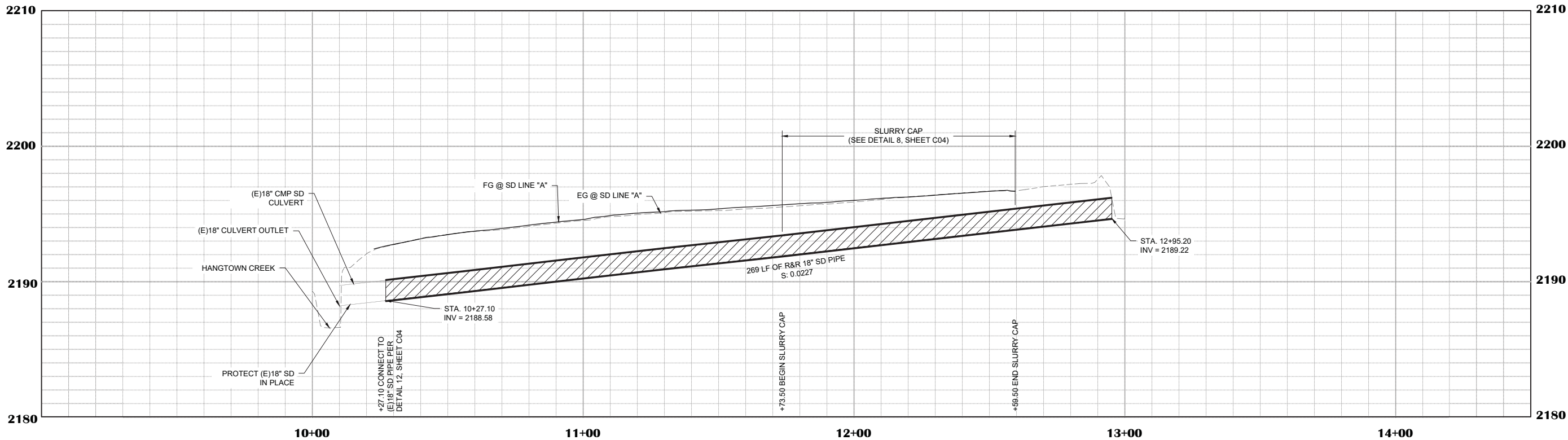
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET.
- STATION OFFSET LABELS ARE TO SD LINE "A", UNLESS OTHERWISE NOTED.
- CONTRACTOR TO VERIFY ALIGNMENT OF (E)18" SD CULVERT. 18" SD SHALL BE REPLACED IN PLACE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY, LOCATE, PROTECT IN PLACE, & ENSURE PROPER CLEARANCE IS MAINTAINED FROM OVERHEAD LINES DURING CONSTRUCTION ACTIVITIES.



DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: N.T.S.

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

SD LINE "A"



SMITH FLAT ROAD STORM DRAIN & PAVING PROJECT

CIP # 42213

SD LINE "A" PLAN & PROFILE
PLACERVILLE

CA

DRAWING INFO
DATE: 5/8/2025
DRAFTER: JC
DESIGNER: GR
REVIEWER: GR

PROJECT NO.
6884.018
SHEET NO. C22 OF C22