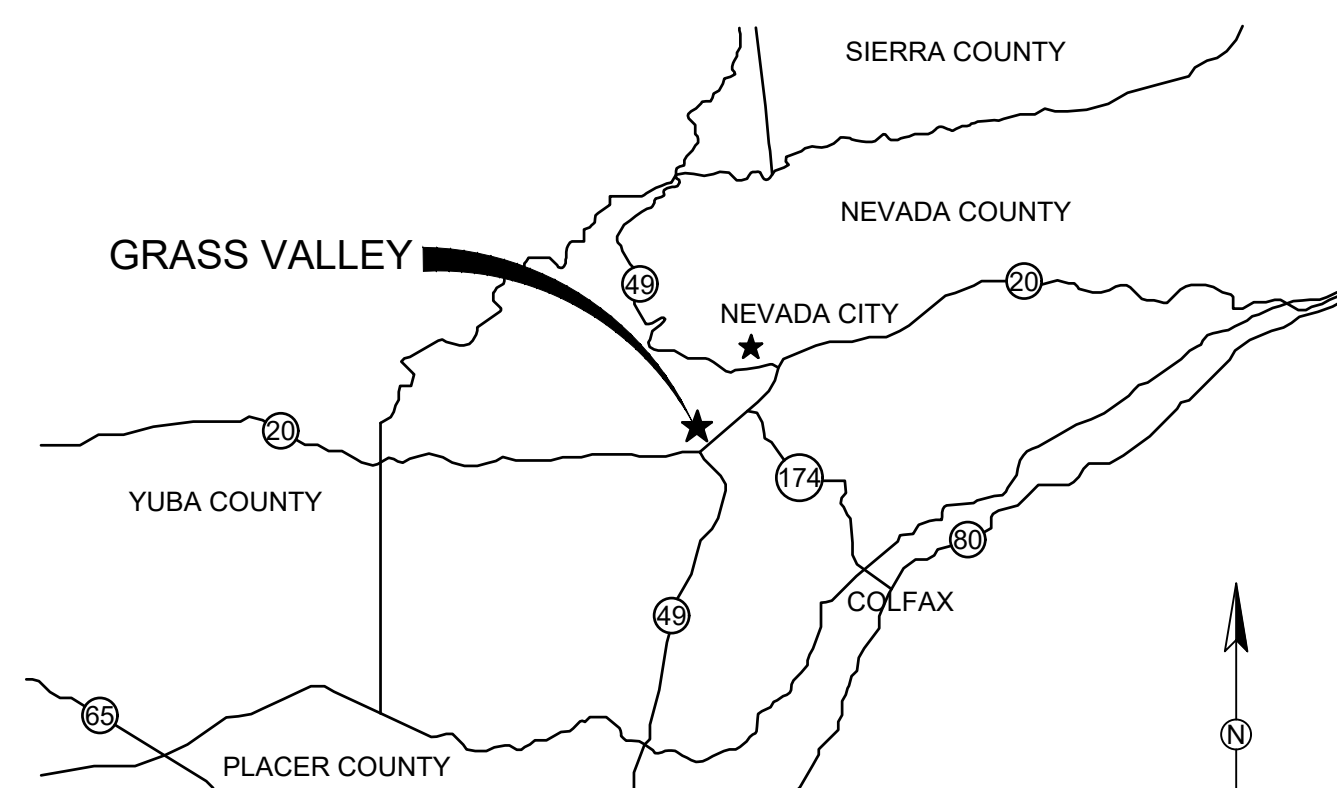
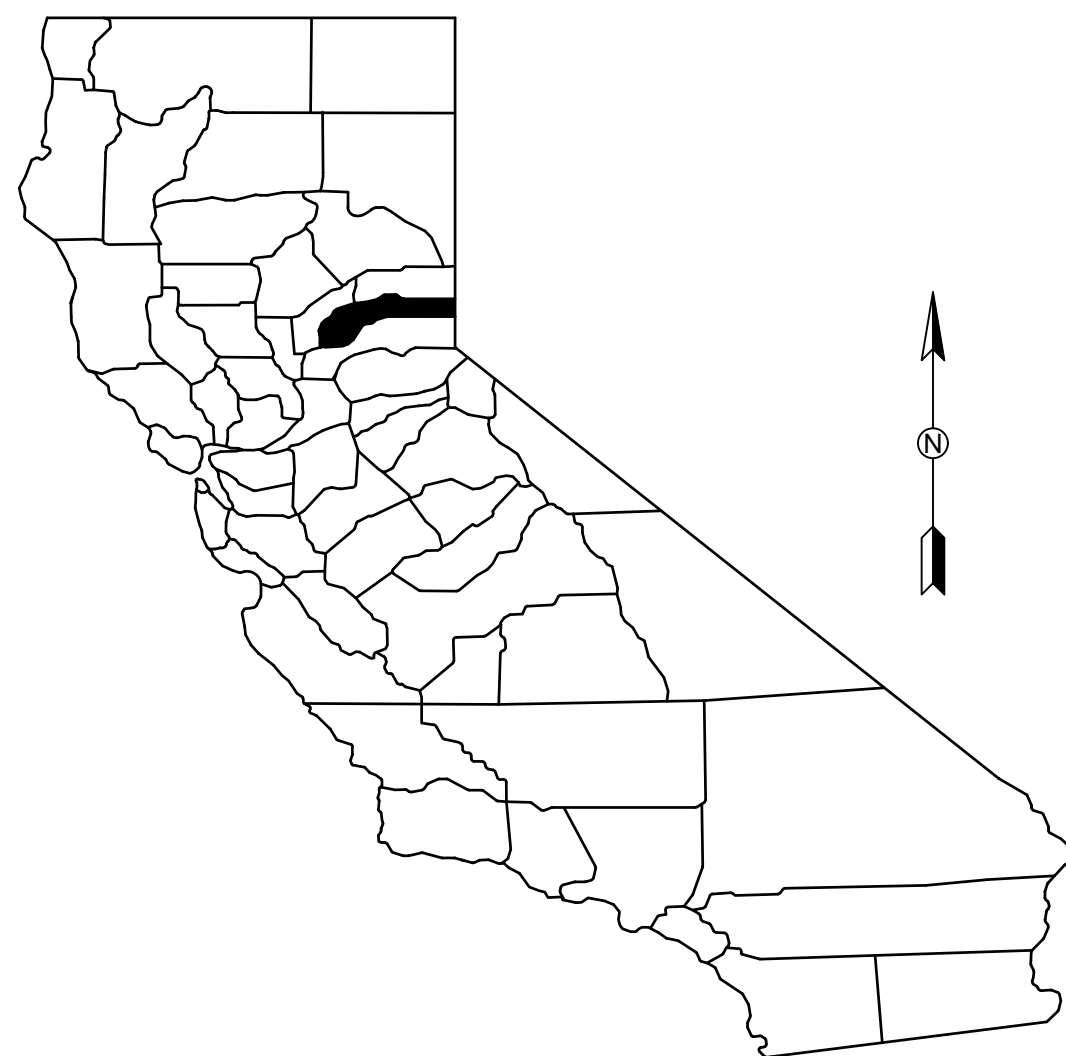
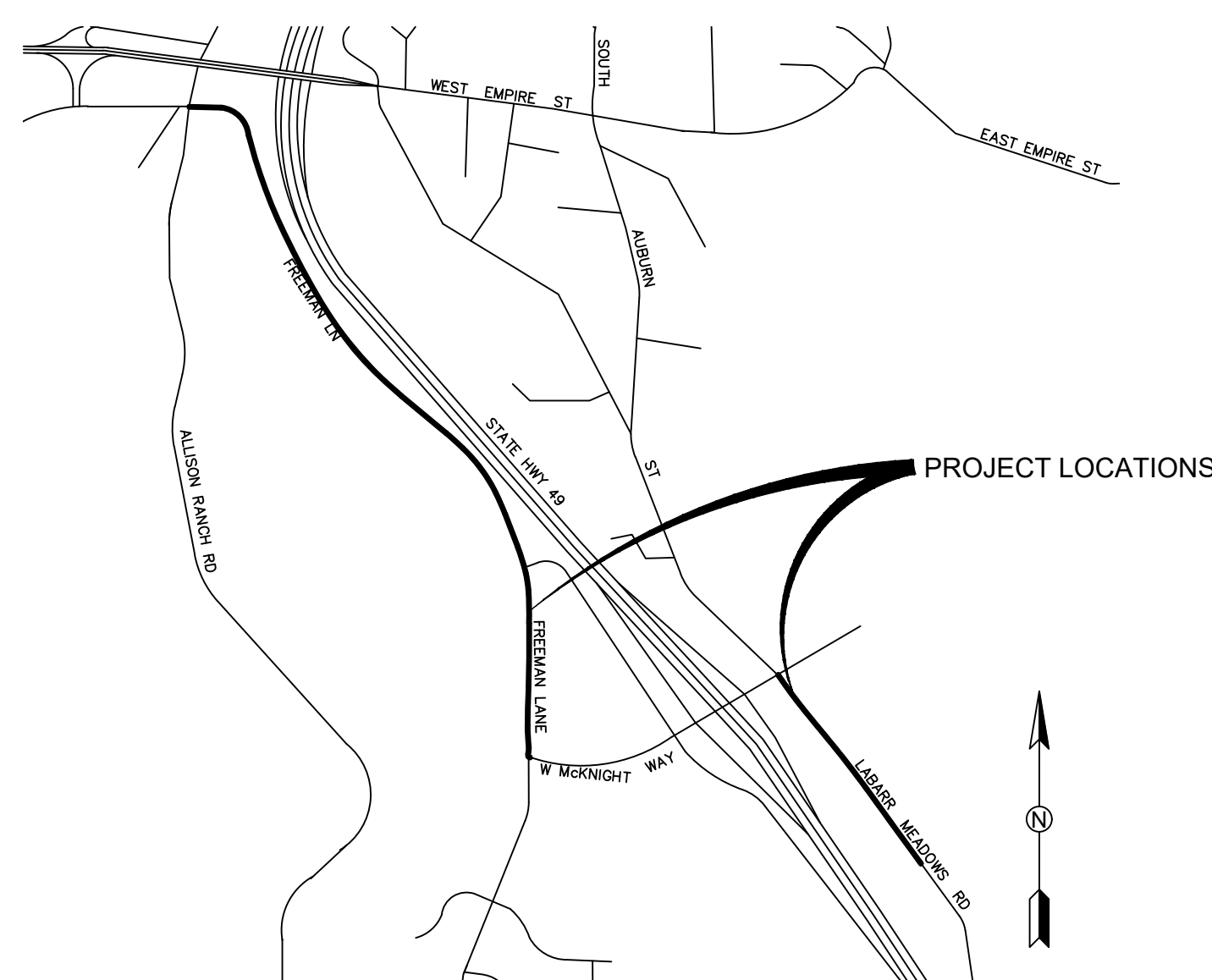


2021 ANNUAL STREET REHAB PROJECT

PROJECT NO. 21-06



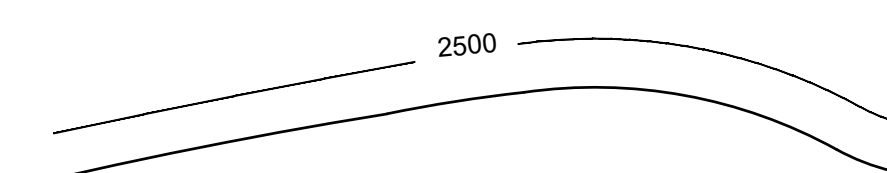
VICINITY MAP


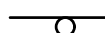







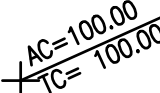

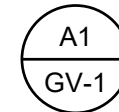






LOCATION MAP

NO SCALE

The diagram illustrates a plan view of a road layout with various utility lines and features. At the top, a horizontal line represents the **STATION LINE**, with station markers at 10+00, 11+00, and 12+00. Below this, several horizontal lines represent different features: **(E) CURB; DIKE; DRIVEWAY** (a solid line), **(E) WALL** (a line with small triangular protrusions), **(E) FENCE** (a line with 'X' markers), **LOT/ROW LINE** (a dashed line), **EASEMENT LINE** (a solid line), **(E) GAS** (a line with small circles), **(E) SEWER AND SIZE** (a line with small circles and numbers like 30, 36, 42), **(E) STORM DRAIN AND SIZE** (a line with small circles and numbers like 30, 36, 42), **(E) TELEPHONE** (a line with small circles and numbers like 1, 2, 3, 4, 5, 6, 7, 8), **(E) WATER** (a line with small circles and numbers like 10, 12, 14, 16, 18, 20, 22, 24), and **(P) WATER** (a line with a small circle and the number 2500). At the bottom, **(E) CONTOUR LINES** are shown as curved lines representing elevation changes.



	DRAINAGE INLET		SINGLE POLE SIGN
	FIRE HYDRANT		MAILBOX
	WATER METER BOX		TREE
	MANHOLE (SS, SD, TEL, ELEC)		BENCHMARK
	VALVE (GAS, TEL, ARV, WTR)		(P) SPOT ELEVATION
	GUY POLE		DENOTES STD PLAN NO/DETAIL NO
	GUY WIRE		CONSTRUCTION KEYNOTE
	LIGHT POST		
	POLE		



THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

1. TITLE SHEET
2. FREEMAN LANE I
3. FREEMAN LANE II
4. FREEMAN LANE III
5. FREEMAN LANE IV
6. FREEMAN LANE & WEST MCKNIGHT WAY
7. LA BARR MEADOWS ROAD
8. DETAILS


AB	AGGREGATE BASE	PCC	PORTLAND CEMENT CONCRETE
AC	ASPHALT CONCRETE	ℙ	PROPERTY LINE
C&G	CURB AND GUTTER	(P)	PROPOSED
CF	CUBIC FOOT	PSI	POUNDS PER SQUARE INCH
℄	CENTERLINE	PUE	PUBLIC UTILITY EASEMENT
CY	CUBIC YARD	PVC	POLYVINYL CHLORIDE
E	ELECTRIC	PVMT	PAVEMENT
(E)	EXISTING	R	RADIUS
ELEV	ELEVATION	RCP	REINFORCED CONCRETE PIPE
EP	EDGE OF PAVEMENT	RW	RETAINING WALL
FL	FLOW LINE	ROW	RIGHT OF WAY
FT	FEET	SD	STORM DRAIN
FTG	FOOTING	SF	SQUARE FOOT
G	GAS	SY	SQUARE YARD
ID	INSIDE DIAMETER	ST	STREET
IE	INVERT ELEVATION	STA	STATION
L	LEFT	STD	STANDARD
LF	LINEAR FOOT	SW	SIDEWALK
MAX	MAXIMUM	SS	SANITARY SEWER
MH	MANHOLE	TBC	TOP BACK OF CURB
MIN	MINIMUM	TBW	TOP BACK OF WALK
MISC	MISCELLANEOUS	TFC	TOP FACE OF CURB
NO	NUMBER	TC	TOP OF CURB
NTS	NOT TO SCALE	TP	TELEPHONE POLE
OD	OUTSIDE DIAMETER	TS	TRAFFIC SIGNAL
		TYP	TYPICAL

WATER/SEWER/ STORM DRAIN:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4350
FIRE PROTECTION:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4370
ELECTRICITY/GAS:	PG&E 788 TAYLORVILLE RD GRASS VALLEY, CA 95945	530-477-3260
TELEVISION:	COMCAST 427 EATON RD CHICO, CA 95973	530-206-6172
PHONE:	AT&T 12824 EARHART DRIVE AUBURN, CA 95602	530-888-2031


1. THE CONTRACTOR SHALL POSSESS A VALID CALIFORNIA CLASS A CONTRACTORS LICENSE, OR A COMBINATION OF THE FOLLOWING CLASSES, (C-8 - CONCRETE CONTRACTOR, C12 - EARTHWORK AND PAVING CONTRACTOR, C31 - CONSTRUCTION ZONE TRAFFIC CONTROL CONTRACTOR AND D63 - CONSTRUCTION CLEANUP) AT THE TIME OF THE BID AWARD, AND THE LICENSE SHALL REMAIN IN EFFECT THROUGHOUT THE TERM OF THIS CONTRACT.
2. THE CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO LATEST EDITIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS. THE IMPROVEMENT STANDARDS AND STANDARD DRAWINGS OF THE CITY OF GRASS VALLEY AND THE CALIFORNIA MUTCD. IN CASE OF CONFLICT, REFER TO THE PROJECT SPECIAL PROVISIONS FOR ORDER OF PRECEDENCE.
3. THE CITY OF GRASS VALLEY HAS MADE EVERY EFFORT TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM PLAN LOCATIONS. THEREFORE, THE CITY OF GRASS VALLEY CANNOT, AND DOES NOT, ASSUME RESPONSIBILITY OF THE EXISTENCE OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES AND SEWERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION PRIOR TO AND DURING CONSTRUCTION OF IMPROVEMENTS SHOWN HEREON, AND TO CONTACT THE ENGINEER IN THE EVENT OF ANY SIGNIFICANT DISCREPANCY.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF, AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TWO WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN AND ARE BASED UPON FIELD OBSERVATIONS MADE UNDER THE DIRECTION OF OR BY THE UNDERSIGNED AND/OR INFORMATION RECEIVED FROM THE CITY CONSTRUCTION INSPECTOR, PROJECT CONTRACTORS AND OTHER SOURCES WHEN THE ENGINEER IS ADVISED IN WRITING OF SUCH ADJUSTMENTS. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, CHANGES TO THESE PLANS NOT AUTHORIZED BY THE ENGINEER. ADJUSTMENTS MADE IN THE FIELD WILL BE MADE TO THE BEST OF HIS OR HER KNOWLEDGE AND ACCURACY. WITH RESPECT TO THOSE ADJUSTMENTS IS NOT GUARANTEED BY THE ENGINEER OR THE CITY OF GRASS VALLEY; FIELD VERIFICATION OF ALL IMPROVEMENTS IS RECOMMENDED.

DATE	ENGINEER SIGNATURE (STAMP OR SEAL)
------	---------------------------------------


CITY CLERK/DEPUTY

"APPROVED BY THE CITY COUNCIL
OF THE CITY OF GRASS VALLEY
ON THE 24TH DAY OF AUGUST 2021."


ASSISTANT CITY ENGINEER

75378
R.C.E.

8/27/2021
DATE

NOTE:
THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE
FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

[illegible]

PROJECT NUMBER:
21-06

CITY OF GRASS VALLEY ENGINEERING DIVISION

**2021 ANNUAL STREET REHAB
IMPROVEMENTS PROJECT**

TITLE SHEET



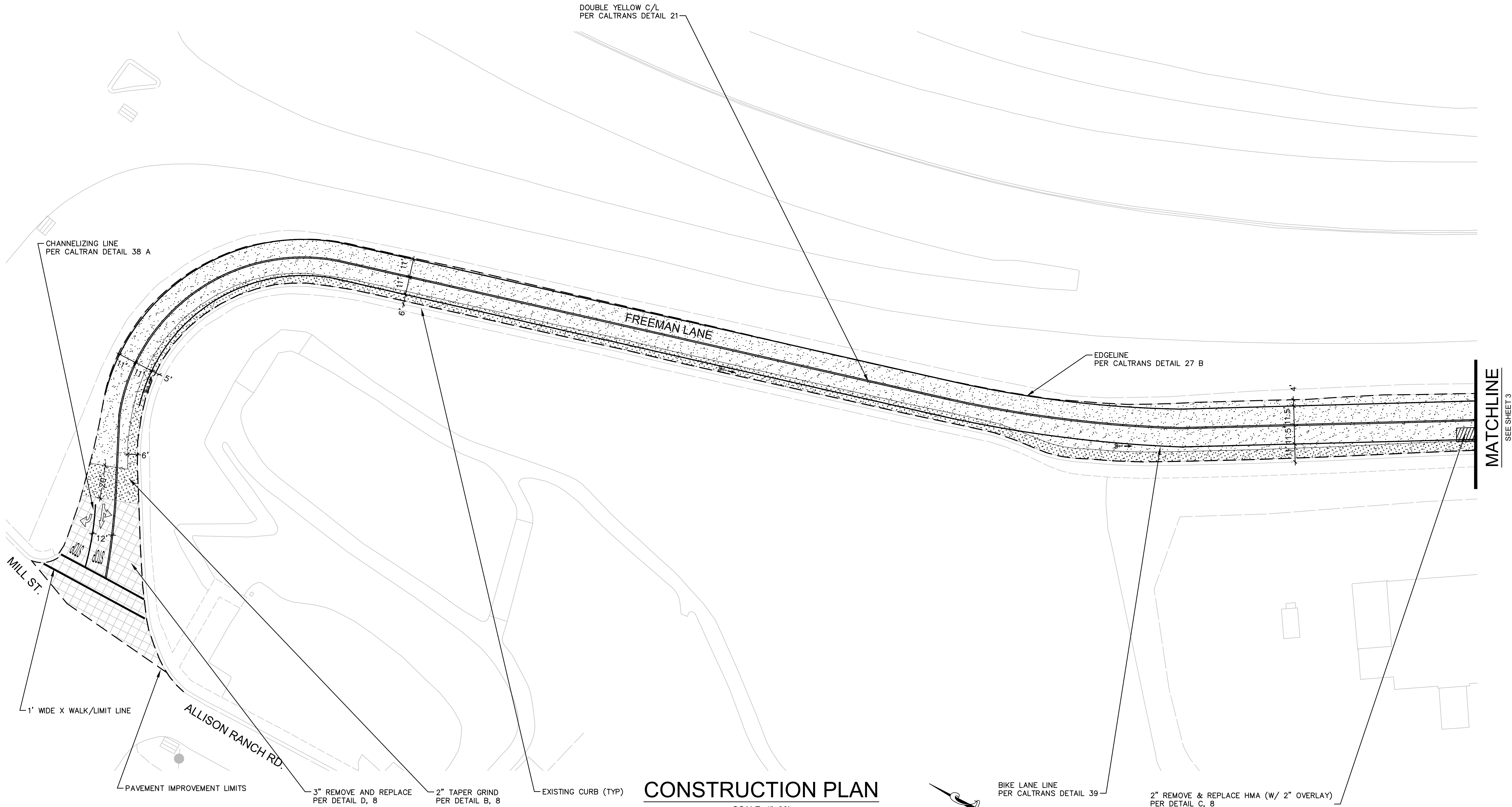
DRAWN BY:	DATE:
EMA	AUG 2021
CHECKED BY:	DATE:
BPJ	AUG 2021

DRAWING NUMBER:

2179

SHEET NUMBER:

1 OF 8



LEGEND

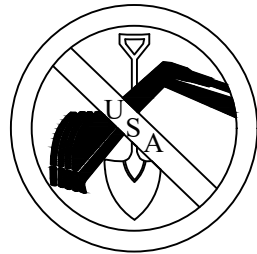
- 2" HMA OVERLAY
- 2" REMOVE AND REPLACE HMA
- 3" REMOVE AND REPLACE HMA
- 2" TAPER GRIND
- RECLAIM AC PAVEMENT (5" DEPTH W/5" HMA OVERLAY)
- MH COVER TO BE REPLACED
- MH COVER TO BE SALVAGED
- VALVE COVER TO BE REPLACED
- VALVE COVER TO BE REPLACED

GENERAL NOTES

- ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.
- DIGOUT LIMITS TO BE MARKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER

STRIPING/MARKING NOTES

- ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE FIELD.



CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

NOTE:

THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REVISIONS

No.	Description	Engr Init	By	Date



PROJECT NUMBER:
21-06

CITY OF GRASS VALLEY ENGINEERING DIVISION

**2021 ANNUAL STREET
REHABILITAION PROJECT**

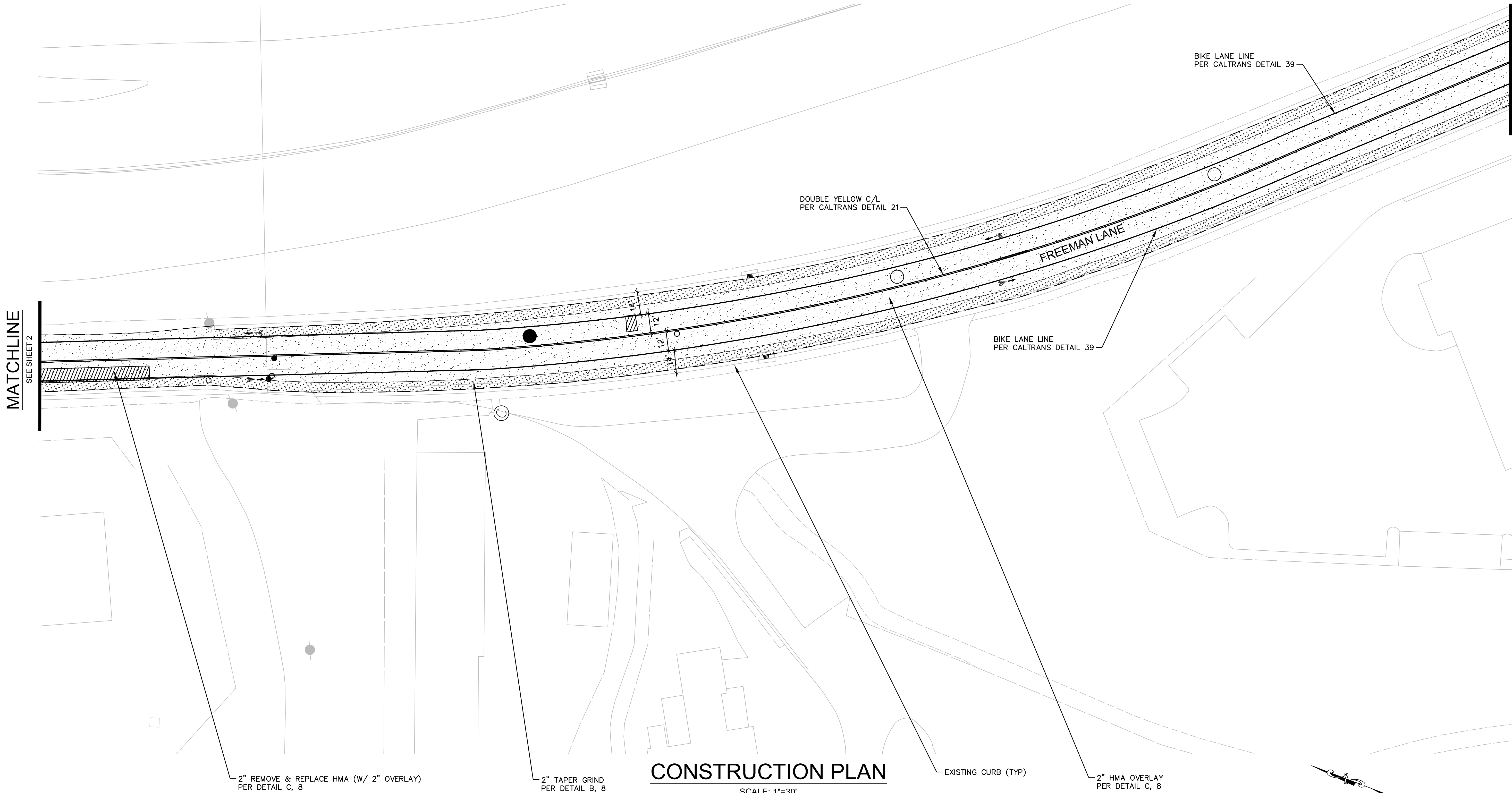
FREEMAN LANE I



DRAWN BY: EMA	DATE: AUG 2021
CHECKED BY: BPJ	DATE: AUG 2021
DRAWING NUMBER: 2179	SHEET NUMBER: 2 OF 8

MATCHLINE
SEE SHEET 2

MATCHLINE
SEE SHEET 4



CONSTRUCTION PLAN
SCALE: 1"=30'

LEGEND

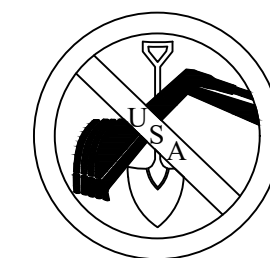
- 2" HMA OVERLAY
- 2" REMOVE AND REPLACE HMA
- 3" REMOVE AND REPLACE HMA
- 2" TAPER GRIND
- RECLAIM AC PAVEMENT (5" DEPTH W/5" HMA OVERLAY)
- MH COVER TO BE REPLACED
- MH COVER TO BE SALVAGED
- VALVE COVER TO BE REPLACED
- VALVE COVER TO BE REPLACED

GENERAL NOTES

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CITY OF GRASS VALLEY ENGINEERING DIVISION

**2021 ANNUAL STREET
REHABILITATION PROJECT**
FREEMAN LANE II



DRAWN BY: EMA	DATE: AUG 2021
CHECKED BY: BPJ	DATE: AUG 2021
DRAWING NUMBER: 2179	
SHEET NUMBER: 3 OF 8	

REVISIONS

No.	Description	Engr Init	By	Date



PROJECT NUMBER:
21-06

MATCHLINE

SEE SHEET 3

DOUBLE YELLOW C/L
PER CALTRANS DETAIL 21

BIKE LANE LINE
PER CALTRANS DETAIL 39

CHANNELIZING LINE (TYP)
PER CALTRAN DETAIL 38 A

DOUBLE YELLOW C/L
PER CALTRANS DETAIL 21

MATCHLINE
SEE SHEET 5

FREEMAN LANE

BIKE LANE LINE
PER CALTRANS DETAIL 39

2" REMOVE & REPLACE HMA (W/ 2" OVERLAY)
PER DETAIL C, 8

2" TAPER GRIND
PER DETAIL B, 8

CONSTRUCTION PLAN

SCALE: 1"=30'

3" REMOVE AND REPLACE HMA
PER DETAIL D, 8

2" HMA OVERLAY
PER DETAIL C, 8

SCALE: 1" = 30'

LEGEND

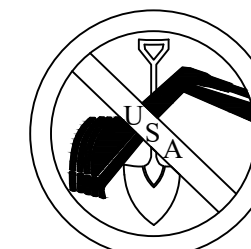
- 2" HMA OVERLAY
- 2" REMOVE AND REPLACE HMA
- 3" REMOVE AND REPLACE HMA
- 2" TAPER GRIND
- RECLAIM AC PAVEMENT (5" DEPTH W/5" HMA OVERLAY)
- MH COVER TO BE REPLACED
- MH COVER TO BE SALVAGED
- VALVE COVER TO BE REPLACED
- VALVE COVER TO BE REPLACED

GENERAL NOTES

- ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
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STRIPING/MARKING NOTES

- ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
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- THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE FIELD.



CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

NOTE:
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REVISIONS

No.	Description	Engr Init	By	Date



PROJECT NUMBER:
21-06

CITY OF GRASS VALLEY ENGINEERING DIVISION

2021 ANNUAL STREET REHABILITATION PROJECT FREEMAN LANE III



DRAWN BY: **EMA** DATE: **AUG 2021**
CHECKED BY: **BPJ** DATE: **AUG 2021**
DRAWING NUMBER:
2179
SHEET NUMBER:
4 OF 8

MATCHLINE

SEE SHEET 4

DOUBLE YELLOW C/L
PER CALTRANS DETAIL 21

CHANNELIZING LINE
PER CALTRAN DETAIL 38 A

BIKE LANE LINE
PER CALTRANS DETAIL 39

CHANNELIZING LINE
PER CALTRAN DETAIL 38 A

BIKE LANE LINE
PER CALTRANS DETAIL 39

1' WIDE X WALK/LIMIT LINE

FREEMAN LANE

DOUBLE YELLOW C/L
PER CALTRANS DETAIL 21

CHANNELIZING LINE
PER CALTRAN DETAIL 38 A

2" REMOVE & REPLACE HMA (W/ 2" OVERLAY)
PER DETAIL C, 8

2" TAPER GRIND
PER DETAIL B, 8

3" REMOVE AND REPLACE
PER DETAIL D, 8

CONSTRUCTION PLAN

SCALE: 1"=30'

2" HMA OVERLAY
PER DETAIL C, 8

SCALE: 1" = 30'

MATCHLINE

SEE SHEET 6

LEGEND

- | | |
|--|---|
| | 2" HMA OVERLAY |
| | 2" REMOVE AND REPLACE HMA |
| | 3" REMOVE AND REPLACE HMA |
| | 2" TAPER GRIND |
| | RECLAIM AC PAVEMENT (5" DEPTH W/5" HMA OVERLAY) |
| | MH COVER TO BE REPLACED |
| | MH COVER TO BE SALVAGED |
| | VALVE COVER TO BE REPLACED |
| | VALVE COVER TO BE REPLACED |

GENERAL NOTES

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-

STRIPING/MARKING NOTES

- ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
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CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

NOTE:

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CITY OF GRASS VALLEY ENGINEERING DIVISION

2021 ANNUAL STREET REHABILITATION PROJECT FREEMAN LANE IV



DRAWN BY: **EMA** DATE: **AUG 2021**
CHECKED BY: **BPJ** DATE: **AUG 2021**

DRAWING NUMBER:

2179

SHEET NUMBER:

5 OF 8

REVISIONS

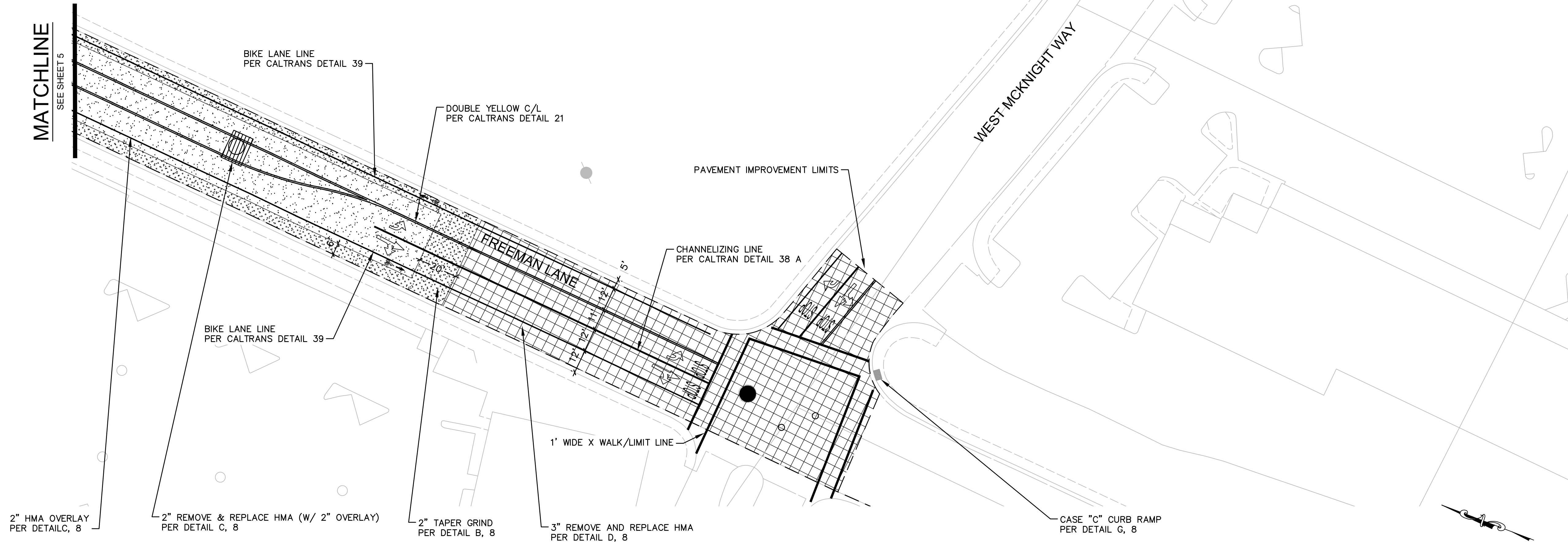
No.	Description	Engr Init	By	Date



PROJECT NUMBER:

21-06

MATCHLINE
SEE SHEET 5



CONSTRUCTION PLAN

SCALE: 1"=30'

SCALE: 1" = 30'

- 2" HMA OVERLAY
- 2" REMOVE AND REPLACE HMA
- 3" REMOVE AND REPLACE HMA
- 2" TAPER GRIND
- RECLAIM AC PAVEMENT (5" DEPTH W/5" HMA OVERLAY)
- MH COVER TO BE REPLACED
- MH COVER TO BE SALVAGED
- VALVE COVER TO BE REPLACED
- VALVE COVER TO BE REPLACED

GENERAL NOTES

- CURB RAMP LAYOUTS SHOWN ARE APPROXIMATE AND ALL IMPROVEMENTS ARE TO BE STAKED OR LAID OUT BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER. ADJUSTMENTS MAY BE NECESSARY IN THE FIELD TO MATCH EXISTING CONDITIONS AND MAINTAIN NECESSARY CLEARANCES AND SLOPES.
- ALL SIDEWALK CROSS-SLOPES TO BE 1% MIN, 2% MAX UNLESS OTHERWISE SPECIFIED ON PLANS OR BY APPROVED THE ENGINEER.
- MAX LONGITUDINAL SLOPE TO BE 8.3% UNLESS OTHERWISE APPROVED BY THE ENGINEER DUE TO EXISTING TERRAIN LIMITATIONS.
- PAVEMENT AND GUTTER PAN SLOPE MAX 5% WITHIN 4' OF BOTTOM OF RAMP.
- TRANSITION FROM CURB RAMP TO GUTTER TO BE FLUSH AND FREE OF ABRUPT CHANGES.
- NEW SIDEWALK TO MATCH WITH EXISTING AT LIMITS OF CONSTRUCTION. PROVIDE ASPHALT EXPANSION FELT AT ALL JOINTS OF NEW TO EXISTING AND DOWEL WITH 12" #4 REBAR SET 6" DEEP.
- ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.

STRIPING/MARKING NOTES

- ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
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CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

REVISIONS

No.	Description	Engr Init	By	Date



PROJECT NUMBER:
21-06

CITY OF GRASS VALLEY ENGINEERING DIVISION
**2021 ANNUAL STREET
REHABILITATION PROJECT**
FREEMAN LANE & WEST MCKNIGHT WAY



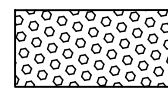
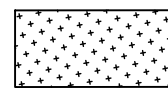
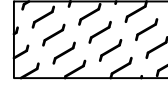
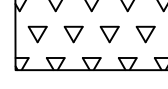




DRAWN BY: **EMA** DATE: **AUG 2021**
CHECKED BY: **BPJ** DATE: **AUG 2021**
DRAWING NUMBER:
2179
SHEET NUMBER:
6 OF 8

NOTE:
THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

© DATA PARS CONSULTANT

MATCHLINE
SEE ABOVE

LEGEND

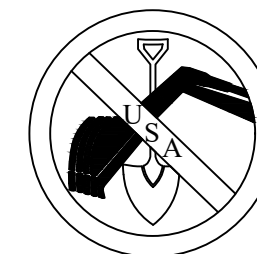
-  SHOULDER BACKING (RECLAIMED GRINDINGS)
-  TAPER GRIND
-  5" REMOVE AND REPLACE HMA
-  RECLAIM AC PAVEMENT w/ 5" HMA OVERLAY
-  MH COVER TO BE REPLACED
-  MH COVER TO BE SALVAGED
-  VALVE COVER TO BE REPLACED
-  VALVE COVER TO BE REPLACED

GENERAL NOTES

- ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION. DIGOUT LIMITS TO BE MARKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
- RECLAIM AC PAVEMENT SHALL CONSIST OF COLD PLANING/ PULVERIZING EXISTING PAVEMENT IN PLACE, PROCESSING TO REMOVE LARGE AND UNSUITABLE GRINDING, SPREADING AND LEVELING WITH WINDROWS ON SHOULDERS TO BE USED FOR SHOULDER BACKING AND WATERING AND COMPACTING IN PLACE TO OBTAIN AN UNYIELDING SUBGRADE

STRIPING/MARKING NOTES

- ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE FIELD.



CALL BEFORE YOU DIG

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CONSTRUCTION PLAN

SCALE: 1"=30'

CONSTRUCTION PLAN

SCALE: 1"=30'

SCALE: 1" = 30'

SCALE: 1" = 30'

MATCHLINE
SEE BELOW

CITY OF GRASS VALLEY ENGINEERING DIVISION

2021 ANNUAL STREET
REHABILITATION PROJECT
LA BARR MEADOWS ROAD



DRAWN BY: **EMA** DATE: **AUG 2021**
CHECKED BY: **BPJ** DATE: **AUG 2021**

DRAWING NUMBER:
2179

SHEET NUMBER:
7 OF 8

REVISIONS

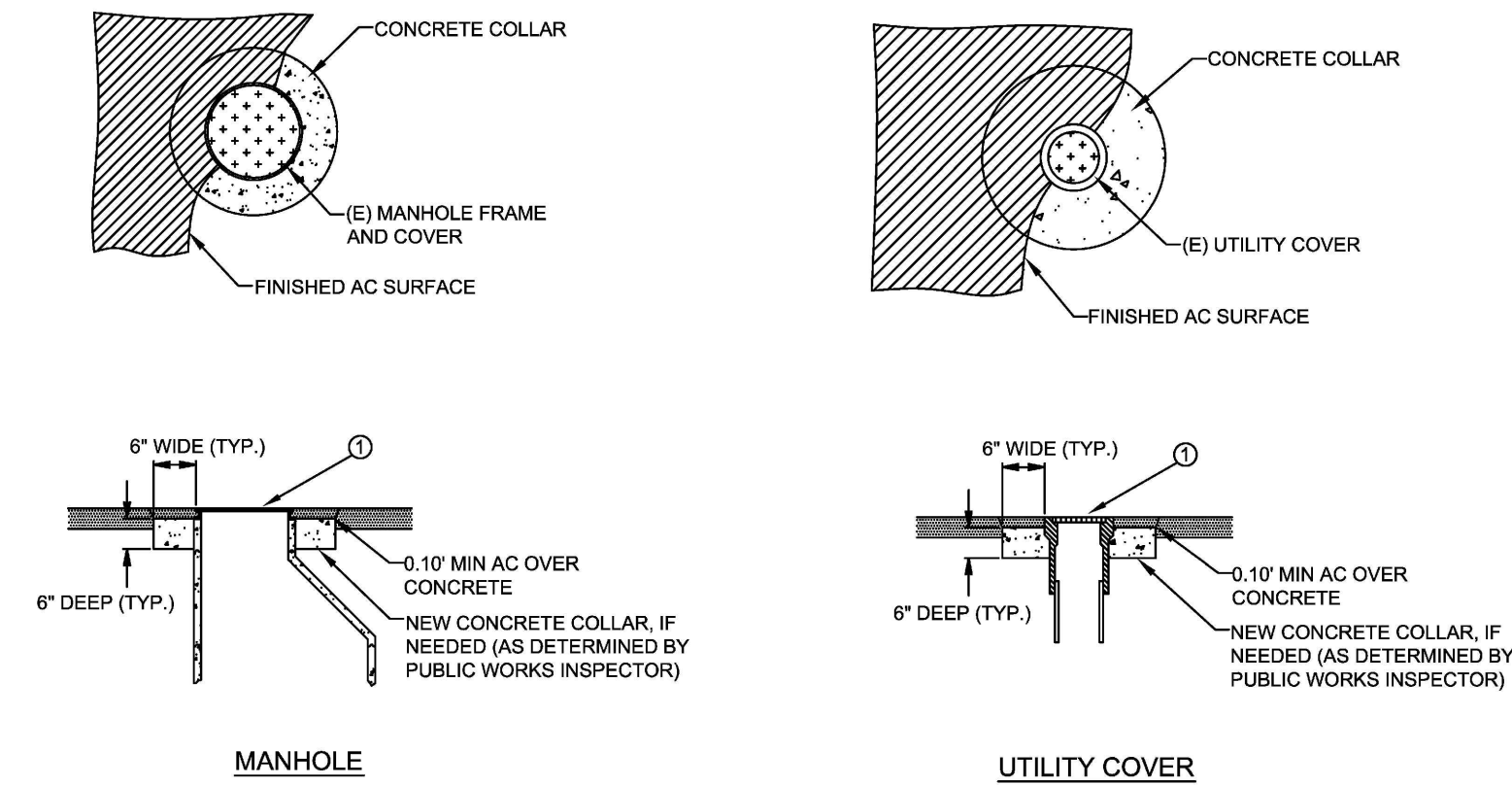
No.	Description	Engr' Init	By	Date



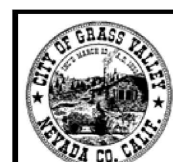
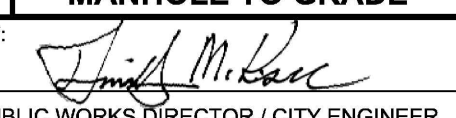
PROJECT NUMBER:
21-06

REVISIONS

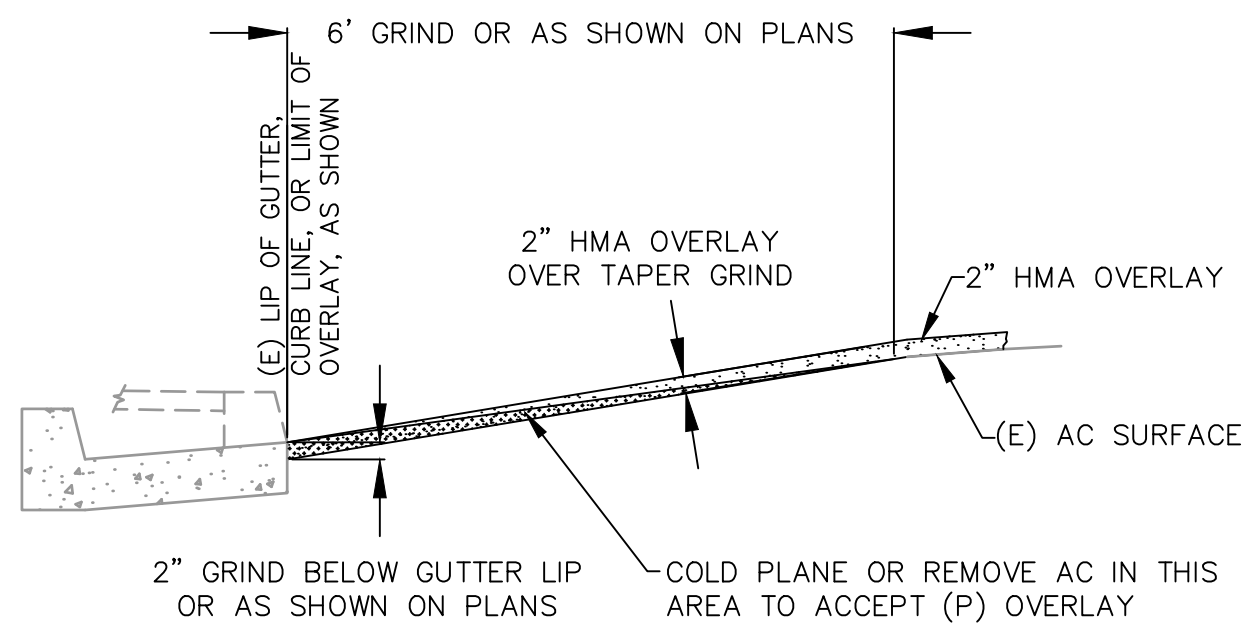
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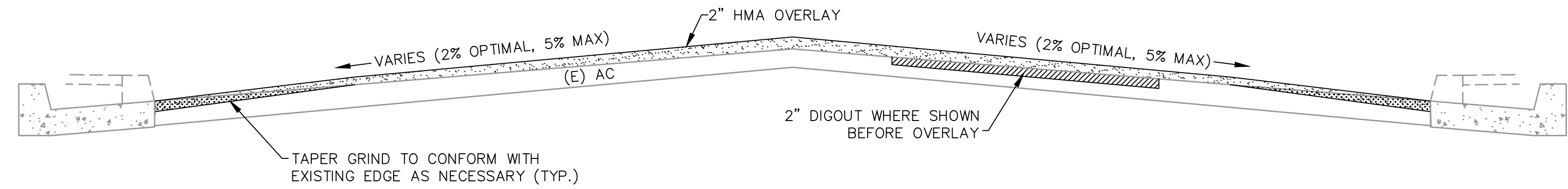
NOTES
① IRON TO BE SET 1/4 INCH BELOW FINISHED GRADE.

			
PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION			
ADJUST UTILITY COVER/ MANHOLE TO GRADE			
APPROVED BY: 			
PUBLIC WORKS DIRECTOR / CITY ENGINEER			
SCALE: NONE	DRAWN BY: TMT	DATE: FEB 6, 2014	ST-28

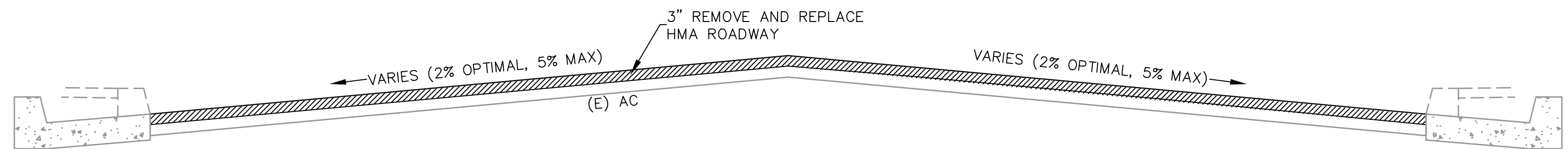
A
8 ADJUST UTILITY COVER/ MH TO GRADE
NOT TO SCALE



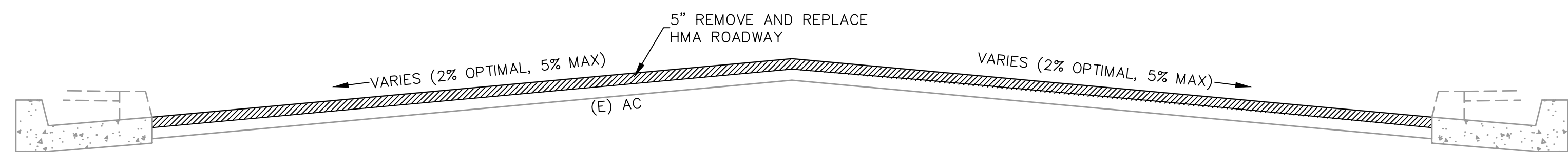
B
8 2" TAPER GRIND
NOT TO SCALE



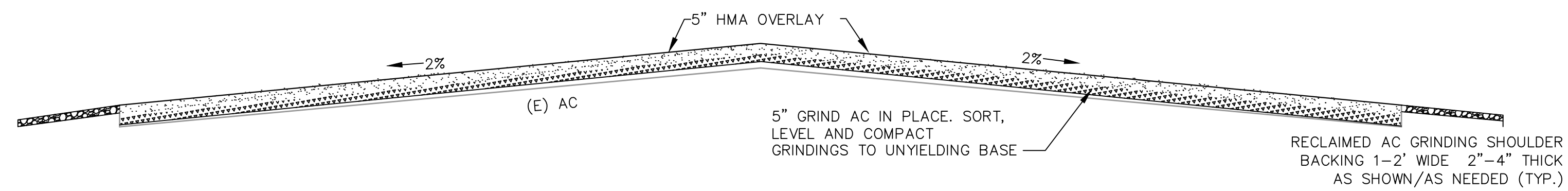
C
8 STREET CROSS SECTION (ROAD OVERLAY)
2" HMA OVERLAY W/ 2" R&R
NOT TO SCALE



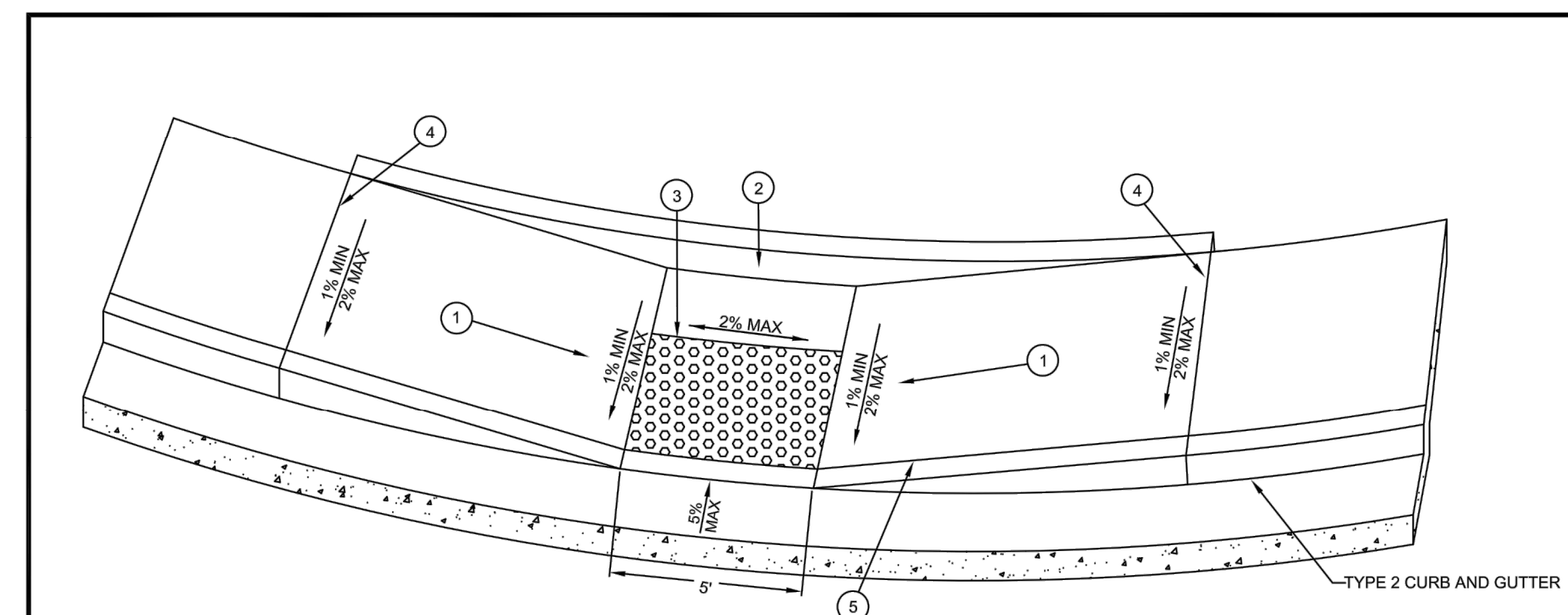
D
8 STREET CROSS SECTION (ROAD REPLACEMENT)
3" REMOVE AND REPLACE HMA
NOT TO SCALE



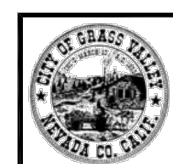
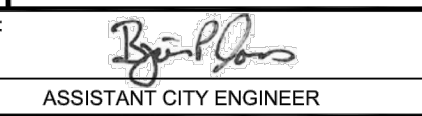
E
8 STREET CROSS SECTION (ROAD REPLACEMENT)
5" REMOVE AND REPLACE HMA
NOT TO SCALE



F
8 STREET CROSS SECTION (CIR W/ OVERLAY)
5" GRIND AND COMPACT W/ 5" HMA OVERLAY
NOT TO SCALE



- LEGEND:
1. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 8.33%. IF LONGITUDINAL STREET GRADE ALLOWS, ON STEEPER GRADES WHERE 8.33% CANNOT BE ACHIEVED, 20 FEET IS THE MAXIMUM LENGTH TRANSITION REQUIRED WITH THE PUBLIC WORKS DIRECTOR / CITY ENGINEERS APPROVAL.
 2. 6 INCH WIDE RETAINING CURB, AS REQUIRED, POURED MONOLITHICALLY WITH SIDEWALK. HEIGHT TO BE DETERMINED BY PROJECTED BACK OF WALK GRADE. MINIMUM DEPTH SECTION FLUSH WITH BOTTOM OF SIDEWALK.
 3. 3' X 5' DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLANS.
 4. EXPANSION JOINT.
 5. DEEP TOOL JOINT. SEE CURB, GUTTER AND SIDEWALK DETAIL.
 6. TRANSITION FROM RAMP LANDING TO STREET SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.

			
PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION			
CURB RAMP DETAIL CASE "C"			
APPROVED BY: 			
ASSISTANT CITY ENGINEER			
SCALE: NONE	DRAWN BY: CAD	DATE: NOV 5, 2018	ST - 6

G
8 CASE "C" CURB RAMP
NOT TO SCALE

NOTE:
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REVISIONS

No.	Description	Engr Init	By	Date



PROJECT NUMBER:
21-06

CITY OF GRASS VALLEY ENGINEERING DIVISION
**2021 ANNUAL STREET
REHABILITAION PROJECT**
DETAILS



DRAWN BY: **EMA** DATE: **AUG 2021**
CHECKED BY: **BPJ** DATE: **AUG 2021**

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