



COUNTY OF IMPERIAL

MCCABE COVE RD EAST VILLA RD VILLA LANE VARIOUS ROADWAY REHABILITATION COUNTY PROJECT NO. 6862, 6865 AND 6866



STREET IMPROVEMRNT GENERAL NOTES

STREET IMPROVEMENT GENERAL NOTES

- THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH, SECTION A-A AND SECTION B-B ON SHEET 4.
- APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
- THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER THAT IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

- LOCATION AND ELEVATIONS OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.

UTILITIES COORDINATION

NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.

1. APPROPRIATE WATER/SEWER UTILITY	TO BE DETERMINED
2. IMPERIAL IRRIGATION DISTRICT (POWER)	(800) 303-7756
3. IMPERIAL IRRIGATION DISTRICT (WATER)	(760) 339-9380
4. AT&T	(760) 337-3358
5. Socal GAS	(909) 335-7561
6. CATV	(760) 679-5294
7. HEBER PUBLIC UTILITY DISTRICT (HPUD)	(760) 482-2440
8. DIG ALERT (CALL BEFORE DIGGING)	811

EXISTING UNDERGROUND UTILITIES

BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK.

CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

ACCURATE VERIFICATIONS AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, AT&T, HPUD, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK NEAR SUCH UTILITY FACILITIES AND SHALL COORDINATE HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT" AT 811 (formerly (1-800-422-4133).

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
- NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
- ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL DO ALL NEW STRIPING AND SANDBLASTING OF REDUNDANT STRIPING.

- THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE COUNTY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN COUNTY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED, (442) 265-1818. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEY'RE CONTACT NUMBER 811 (formerly (800) 422-4133). ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVE.

- NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE COUNTY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO ACCEPTANCE.

- ALL WORK AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE IMPERIAL COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS AND ENCROACHMENT PERMIT CONDITIONS, ANY REFERENCED STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS & THE REQUIREMENTS OF THE AGENCIES REFERRED TO HEREIN. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF IMPERIAL COUNTY; WHERE, OR IF, CONFLICTS OCCUR, THEN THE IMPERIAL COUNTY REQUIREMENTS SHALL GOVERN.

- UNLESS SPECIFICALLY INDICATED OTHERWISE METHODS EMPLOYED AND MATERIAL USED IN THE CONSTRUCTION OF ALL OFFSITE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE "STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 2023". ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL AS REQUIRED.

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF SAFETY AND TO ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND STANDARDS.

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY. CONTACT "STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER QUALITY, ATTENTION: STORM WATER PERMIT UNIT, P.O. BOX 100, SACRAMENTO, CALIFORNIA, 95812-0100".

- CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. THE COUNTY IS REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD, PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.

- EXISTING STORM DRAIN PIPES/CULVERTS WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN PROJECT VICINITY SHALL BE REPAIRED AND/OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE PUBLIC WORKS DIRECTOR.

- TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OR AS DIRECTED BY THE IMPERIAL COUNTY.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURVEY MONUMENTS, CORNER ACCESSORIES AND/OR BENCHMARKS WITHIN THE LIMITS OF WORK. IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT (CHAPTER 15 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE), SUCH OBJECTS WITHIN THE LIMITS OF WORK THAT MAY BE DISTURBED OR DESTROYED BY CONSTRUCTION SHALL BE REFERENCED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD (OR RECORD OF SURVEY) SHOWING SAID REFERENCES SHALL BE FILED WITH THE COUNTY SURVEYOR PRIOR TO CONSTRUCTION. ANY MONUMENT, CORNER ACCESSORY, OR BENCHMARK THAT IS DISTURBED OR DESTROYED BY CONSTRUCTION SHALL BE REPLACED WITH APPROPRIATE MONUMENTATION BY A PERSON AUTHORIZED TO REPLACE LAND SURVEYING AND CORNER RECORD (OR RECORD OF SURVEY) SHALL BE FILED PRIOR TO PROJECT COMPLETION. FORM MPR-01 AND FORM MPR-02 ARE REQUIRED FOR ALL IMPERIAL COUNTY PROJECTS.

- DUST SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH ALL IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT (APCD) FUGITIVE DUST CONTROL RULES AND REGULATIONS AND SHALL COMPLY WITH THEIR PERMITTING REQUIREMENTS, IF APPLICABLE.

- IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.

- ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.

- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE ROADWAY REHABILITATION PLANS, THE CONTRACTOR IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY SUCH PROPERTY FROM SETTLING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE, WHICH MIGHT RESULT FROM THE ROADWAY REHABILITATION DESCRIBED ON THE PLANS. THE COUNTY WILL HOLD THE CONTRACTOR RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGED THE ADJACENT PROPERTY.

- SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS ROADWAY REHABILITATION OPERATION, SUCH OPERATION WILL CEASE IMMEDIATELY AND THE CONTRACTOR WILL NOTIFY THE DIRECTOR OF THE PLANNING DEPARTMENT OF THE DISCOVERY. THE ROADWAY REHABILITATION OPERATION WILL NOT RECOMMENCE UNTIL THE CONTRACTOR HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PLANNING TO DO SO.

- ALL ROADWAY REHABILITATION SHALL CONFORM TO THE UNIFORM BUILDING CODE APPENDIX CHAP. 33, AS AMENDED BY TITLE 9 LAND USE ORDINANCE.

- ALL SURVEY MONUMENTS WITHIN THE LIMITS OF WORK SHALL BE CLEARLY DELINEATED IN THE FIELD PRIOR TO THE COMMENCEMENT SEE STREET IMPROVEMENTS GENERAL NOTE NUMBER 20.

- DURING ROADWAY REHABILITATION OPERATIONS AND PRIOR TO THE CONSTRUCTION OF ANY PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO CONTIGUOUS PROPERTIES.

- NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE EXISTING GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.

- THE MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2:1, UNLESS A SLOPE STABILITY ANALYSIS AUTHORIZES A STEEPER SLOPE AND HAS BEEN APPROVED.

- NO OBSTRUCTION OF FLOOD PLAINS OR NATURAL WATER COURSES WILL BE PERMITTED.

- ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION DURING STORM CONDITIONS. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT CONTIGUOUS PROPERTIES DURING ROADWAY REHABILITATION OPERATIONS.

- A SUITABLY QUALIFIED AND REGISTERED PROFESSIONAL SHALL SUBMIT A WRITTEN CERTIFICATION TO THE PUBLIC WORKS DEPARTMENT THAT THE ROADWAY REHABILITATION HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS. AS-BUILT PLANS SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE. SEE "RECORD PLAN DECLARATION OF RESPONSIBLE CHARGE RECORD ENGINEER (FOR AS BUILTS)" THIS SHEET

SOILS ENGINEER'S CERTIFICATION

A GEOTECHNICAL REPORT FOR THIS PROJECT WAS PERFORMED BY UNDERSIGNED OR UNDER MY SUPERVISION.

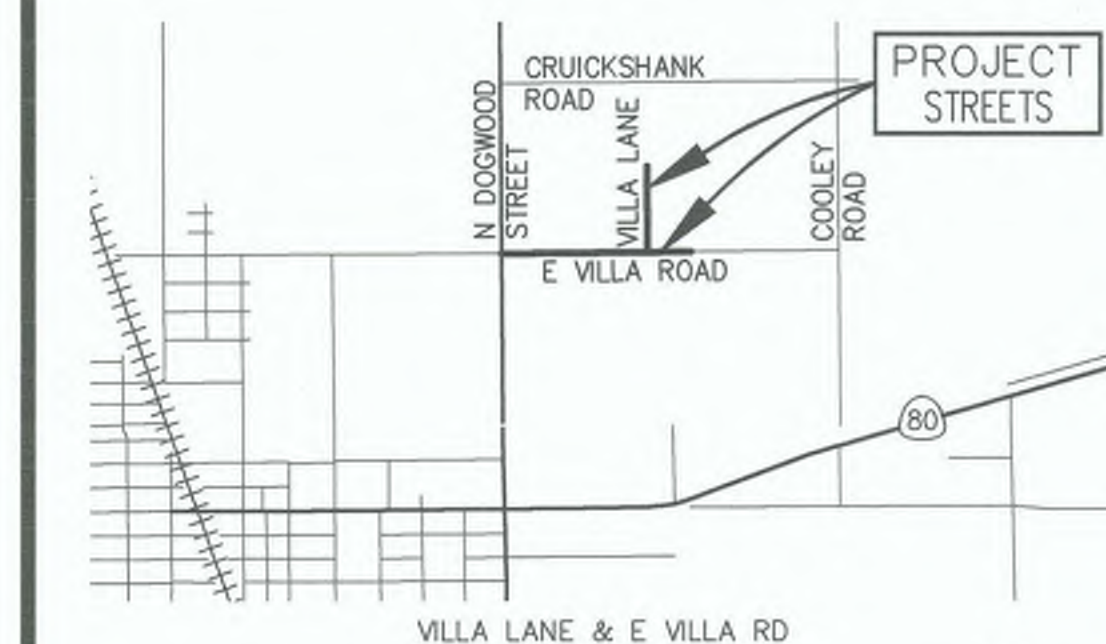
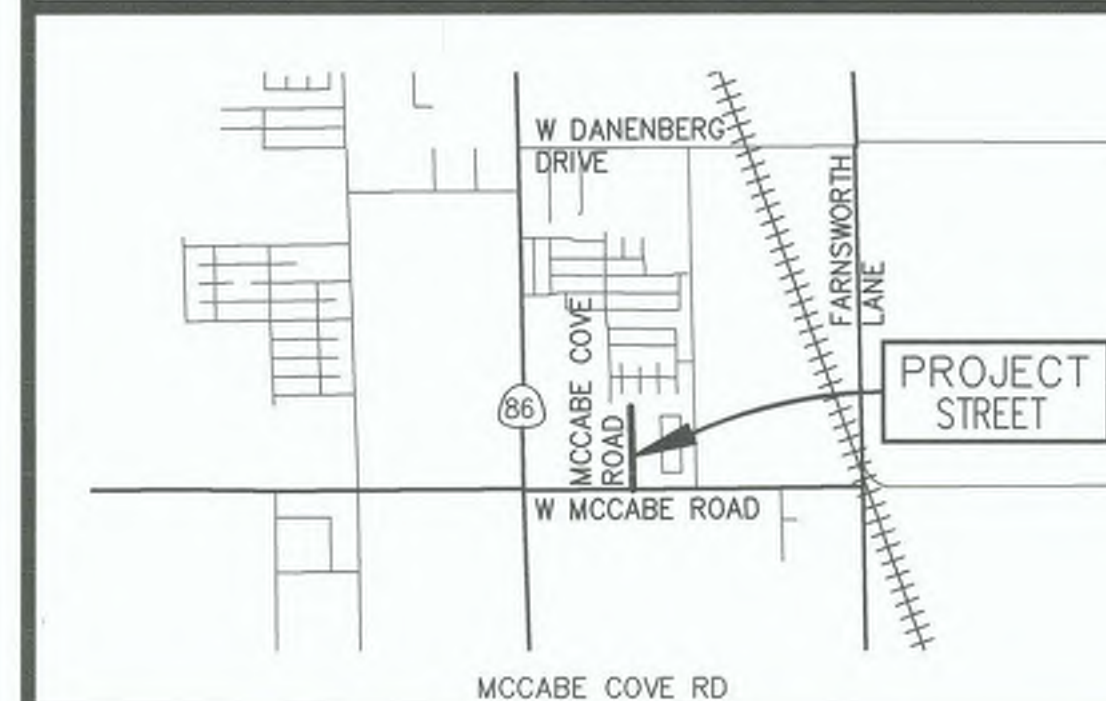
THE REPORT TITLED:
LIMITED GEOTECHNICAL STUDY REPORT,
HEBER AVENUE SIDEWALK IMPROVEMENTS
HEBER, IMPERIAL COUNTY, CA.
DATED: AUGUST 14, 2020.

THESE PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL REPORT.

Carl Francisco Henderson 8/11/2022
CARL FRANCISCO HENDERSON
LICENSE No. GE 2886
EXPIRATION DATE 06/30/2025



VICINITY MAP



NORTH
NOT TO SCALE

ABBREVIATIONS

AGG.	AGGREGATE	MIN	MINIMUM
APPROX.	APPROXIMATE	N	NORTH
Asph.	ASPHALT	N/O	NORTH OF
B.M.	BENCHMARK	N.T.S.	NOT TO SCALE
CL	CENTERLINE	PROP.	PROPOSED
CLR	CLEARANCE	REINF	REINFORCEMENT
CONC.	CONCRETE	R/W OR ROW	RIGHT-OF-WAY
E	EAST	RD	ROAD
E/O	EAST OF	STA.	STATION
E.P.	EDGE OF PAVEMENT	S	SOUTH
EL. OR ELEV.	ELEVATION	S/O	SOUTH OF
EX. OR EXIST.	EXISTING	SNS	STREET NAME SIGN
F.L.	FLOW LINE	T.P.	TOP OF PAVEMENT
F.S.	FINISH SURFACE	THK.	THICK
L.F.	LINEAL FEET	TYP	TYPICAL
MAX	MAXIMUM	W	WEST
		W/O	WEST OF

TOPOGRAPHICAL SURVEY CONDUCTED BY: NV5, SEE SHEET 2
MAP AND DIGITAL DATA PREPARED FOR: COUNTY OF IMPERIAL
SURVEY GROUND CONTROL PROVIDED BY: NV5
SURVEY VERTICAL CONTROL PROVIDED BY: NV5

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BENCHMARK

PROJECT BENCHMARK:

BENCHMARK : SEE SHEET 2, SURVEY CONTROL TOPOGRAPHIC No. 1

RECORD PLAN DECLARATION OF RESPONSIBLE CHARGE OF RECORD ENGINEER (FOR AS BUILTS)

I HEREBY DECLARE THAT AS THE ENGINEER OF RESPONSIBLE CHARGE OF THE RECORD PLANS FOR THIS PROJECT, I HAVE REVIEWED THE NOTED, AND COUNTY APPROVED CONSTRUCTION CHANGES, I HAVE OBSERVED THE COMPLETED CONSTRUCTION OF THE ENGINEERING WORK AS SHOWN ON THE RECORDED PLANS, AND REVIEWED THE CONTRACTOR'S RECORD OF ANY CHANGES MADE DURING CONSTRUCTION, BASED ON MY OBSERVATION AND REVIEW, IT IS MY OPINION THAT THE COMPLETED CONSTRUCTION IS IN SUBSTANTIAL CONFORMANCE WITH THE RECORD PLANS.

I CERTIFY THAT ALL CHANGES AND/OR ADDITIONS MADE DURING CONSTRUCTION, AS DOCUMENTED BY THE CONTRACTOR'S RECORDS AND PROVIDED TO ME, HAVE BEEN INCORPORATED INTO THE RECORD PLANS.



NV5, INC.
15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858.385.0500

DARAB BOUZARJOMEHRI, P.E.
R.C.E.: 54870
EXP. DATE: 6/30/24

DATE

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

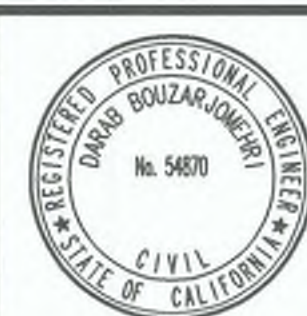
I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE COUNTY OF IMPERIAL IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

NV5, INC.
15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128

DARAB BOUZARJOMEHRI, P.E.
R.C.E.: 54870
EXP. DATE: 6/30/24

8/11/22
DATE

REVISION DATE COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:

Darab Bouzarjomehri
DARAB BOUZARJOMEHRI, P.E.
NV5

54870
R.C.E. No.

3/20/24
DATE

6/30/24
REG. EXP.



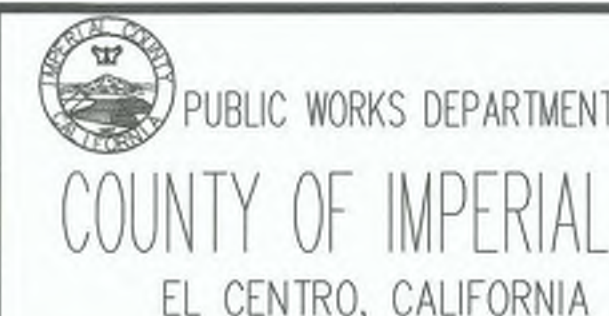
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:

John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER

62028
R.C.E. No.

1/21/25
DATE

9/30/25
REG. EXP.



DATE 3/20/24
DRAWN SD
SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

TITLE SHEET, STREET
IMPROVEMENTS GENERAL NOTES

REFERENCE

SHEET 1 OF 23

MCCABE COVE ROAD, COUNTY PROJECT No. 6862
ROAD EAST VILLA ROAD, COUNTY PROJECT No. 6865
VILLA LANE COUNTY, PROJECT No. 6866

BASIS OF COORDINATES

THE COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 AND ARE EXPRESSED IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM 1983, ZONE VI, AT EPOCH 2010, AND ARE BASED ON NGS POINTS PID "DB1168" AND PID "DB1214" SAID GRID COORDINATES ARE AS FOLLOWS:

DB1168 = N - 1870382.94 E - 6786505.69

BENCHMARK

ELEVATIONS ARE REFERENCED TO NAVD88, UTILIZING GEOID12A AND DETERMINED BY NGS FIRST ORDER CONTROL POINT PID "DB1214".

NAVD88 ELEVATION = -36.18

THE ELEVATIONS SHOWN HAVE BEEN ADJUSTED +1000.00

SURVEYOR'S NOTES

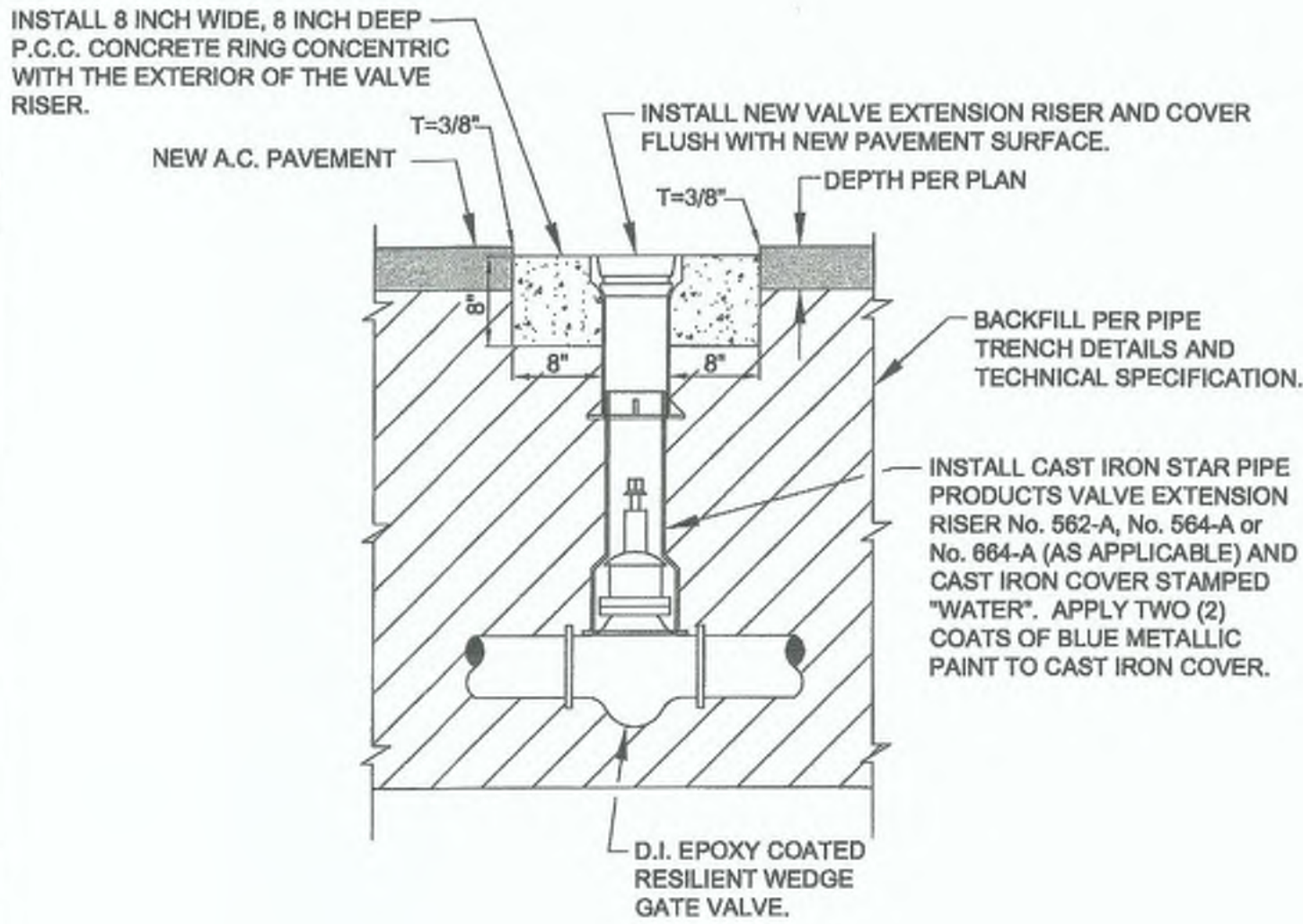


THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE PROFESSIONAL LAND SURVEYOR'S ACT ON NOVEMBER 19, 2021.

Paul G. Robotta
L.S. 5334
EXP. 12-31-2023

SYMBOLS

ITEM NO.	ITEM	SYMBOL
1	STREET R/W LINE	---
2	STREET C/L	---
3	CABLE TV	--- CABLE ---
4	DRAIN (FIELD)	--- D ---
5	EX. EDGE OF ASPH.	---
6	PROP. EDGE OF ASPH.	---
7	SWEEP AND APPLY TACK COAT	---
8	4" EDGE GRIND, 1" DEEP	---
9	EDGE TREATMENT	---
10	ROAD STRIPING	---
11	CONTOURS - MAJOR	980
12	CONTOURS - MINOR	---
13	CONTROL	N-17
14	SPOT ELEVATION	+ 961.44
15	BENCHMARK (SEE DESCRIPTION)	967.06±
16	BORROW PIT ELEVATIONS	---
17	CROSS GUTTER	---



SEAL-ENGINEER



The Holt Group
ENGINEERING · PLANNING · SURVEYING

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San Diego, California 92101
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F: 619.591.4000



PREPARED BY:
JAMES G. "JACK" HOLT
R.C.E. NO. 31773
EXP. DATE: 12-31-04

HEBER PUBLIC UTILITY DISTRICT
TYPICAL PIPE RISER
SCALE: NO SCALE
DATE: 5-20-2004
THG 744.011



SHEET NO.
W 103

NIV5

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WWW.NIVS.COM

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:

Darab Bouzarjomehri, P.E.
NVS

3/20/24
DATE

54870

R.C.E. No.

6/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT

APPROVED FOR CONSTRUCTION BY:

John A. Gay, P.E.
ROAD COMMISSIONER

1/21/25
DATE

62028

R.C.E. No.

9/30/25
REG. EXP.



PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

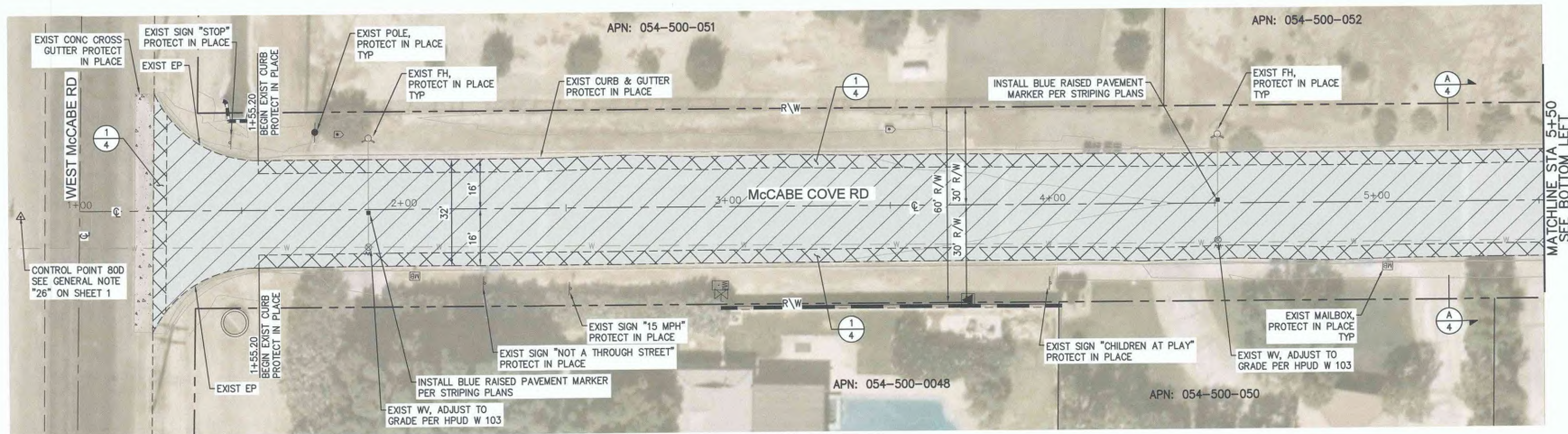
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VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

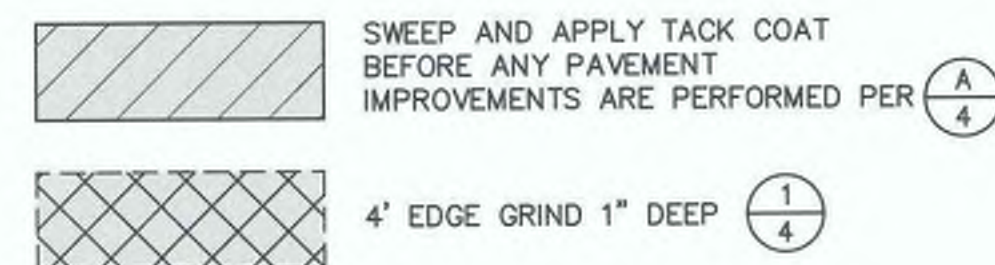
BASIS OF COORDINATES,
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SYMBOLS, AND DETAILS

REFERENCE

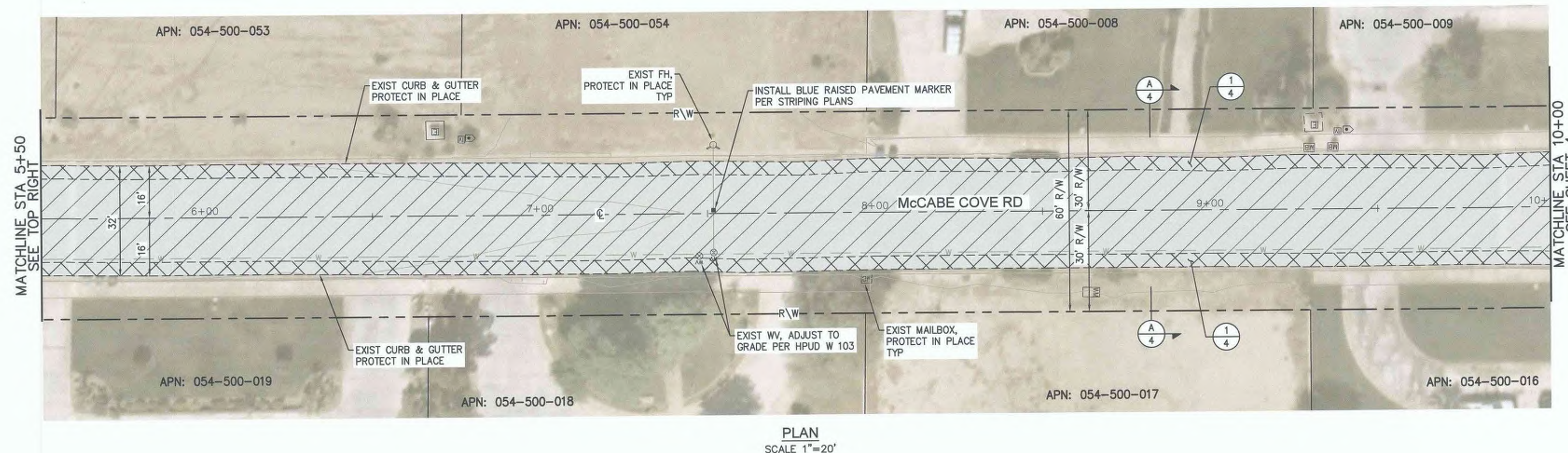
SHEET 2 OF 23



LEGEND



- NOTE:
- EXISTING PAVEMENT WIDTH MAY VARY, CONTRACTOR SHALL ARAM PAVEMENT REHAB ENTIRE WIDTH OF EXISTING PAVEMENT
 - CENTERLINE WAS APPROXIMATED FROM SURVEY POINTS
 - PROTECT IN PLACE ALL EXIST UTILITY APPURTENANCES
 - NO EXISTING MONUMENTS FOUND, SEE NOTE 27 ON TITLE SHEET 1



NV5

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REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Darab Bouzarjomehri
DARAB BOUZARJOMEHRI, P.E.
NVS
3/20/24
DATE
54870
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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE
62028
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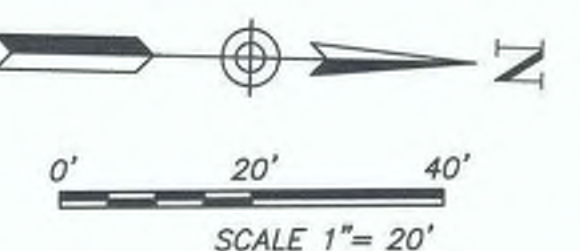
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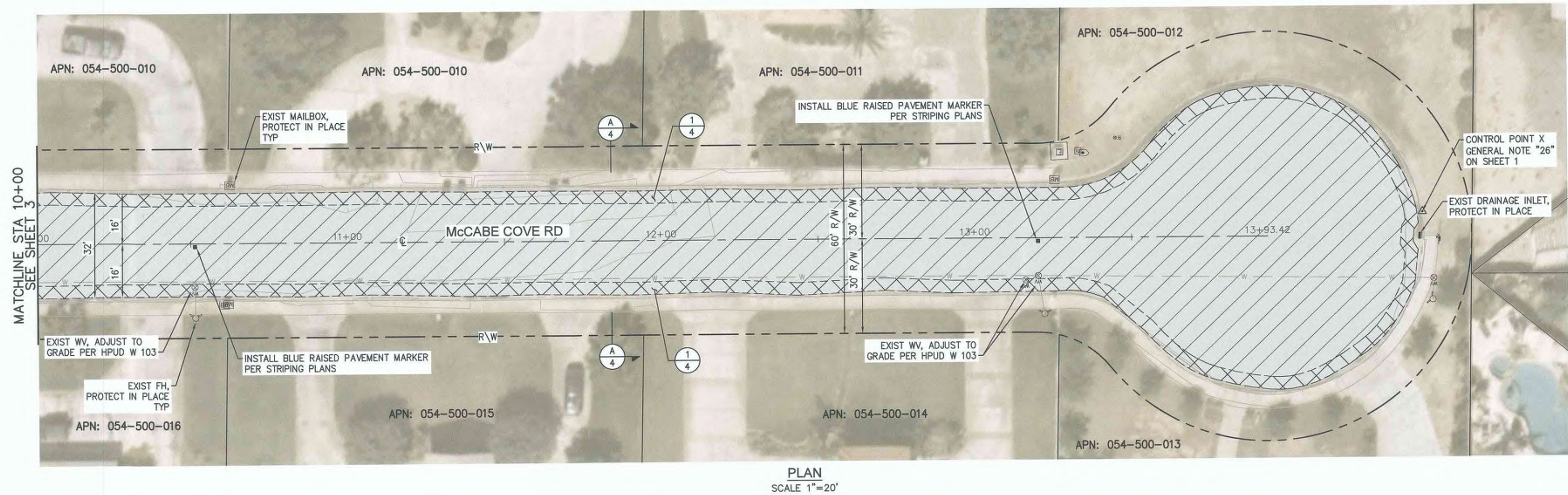
VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

MCCABE COVE ROAD
1+00 TO 10+00

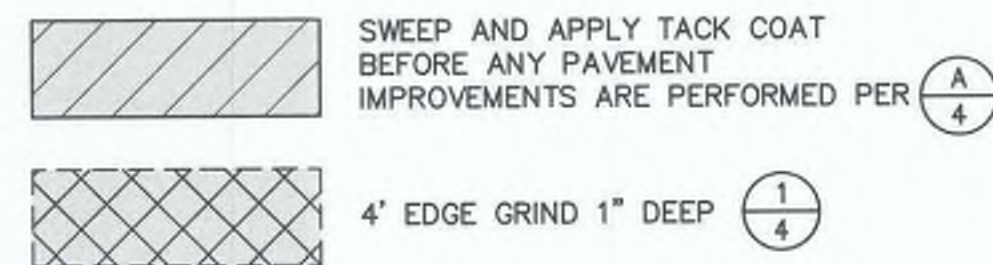
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SHEET 3 OF 23

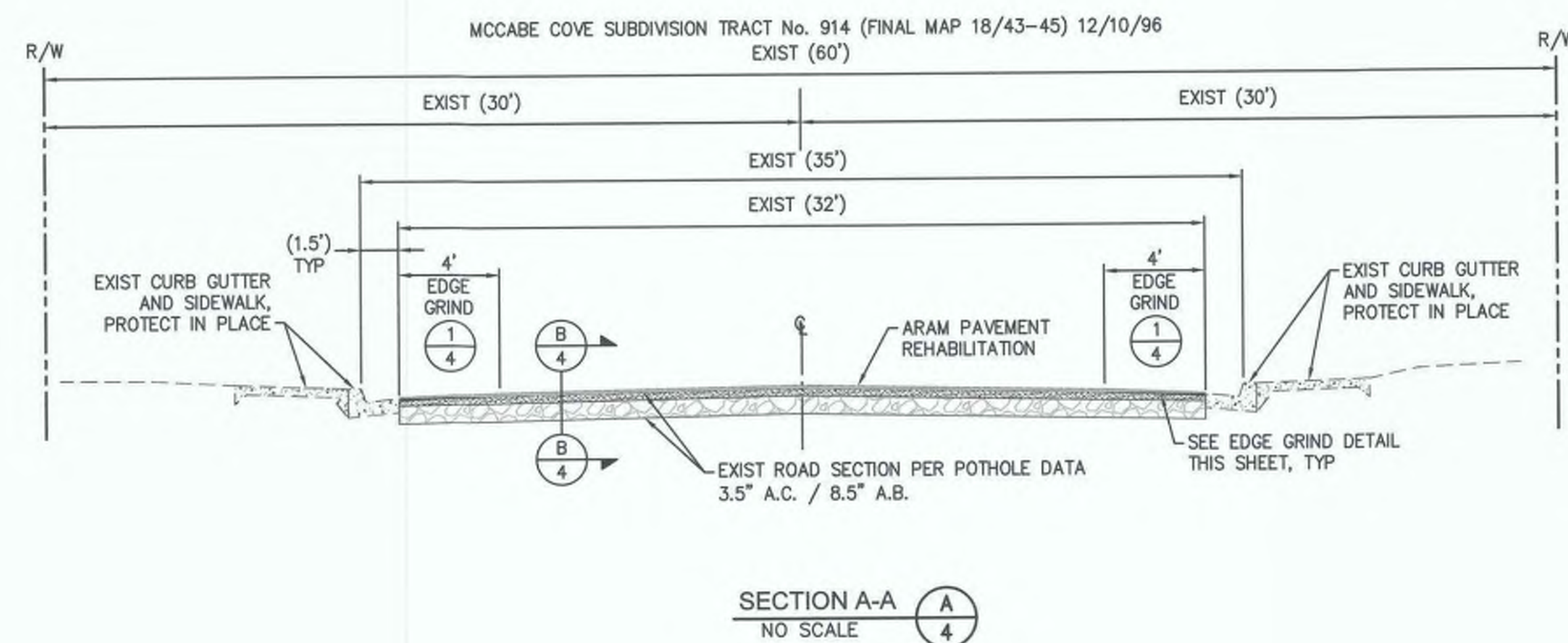
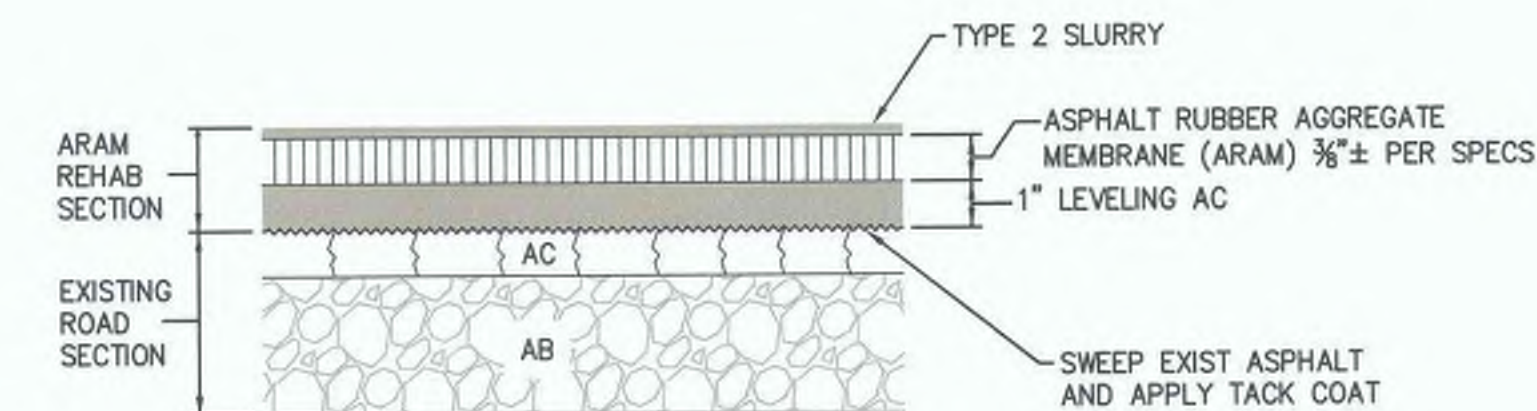




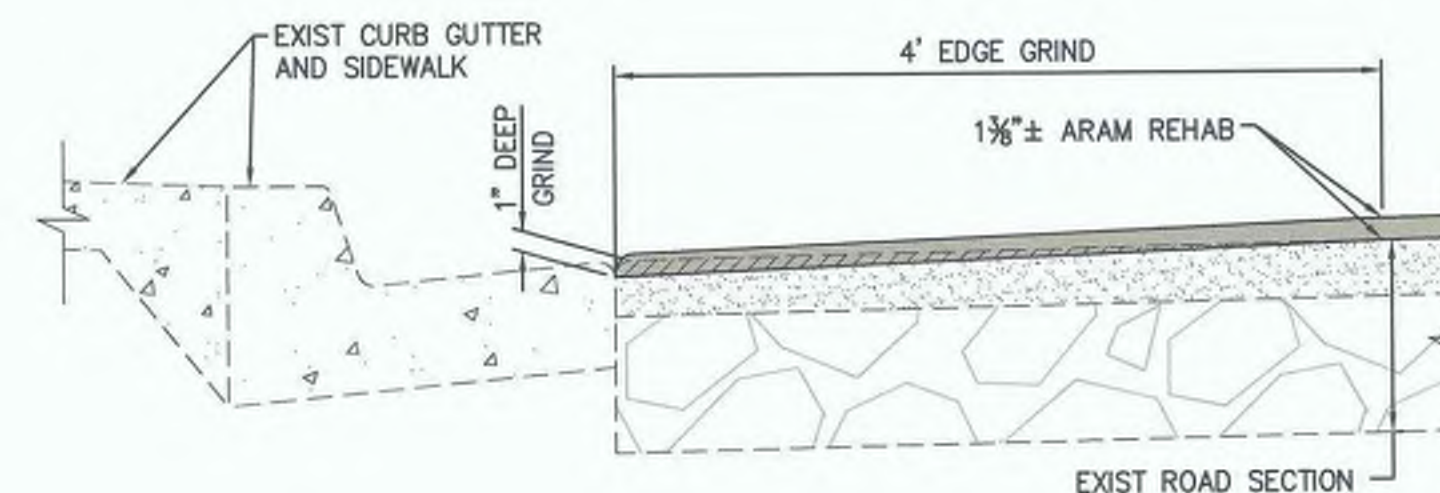
LEGEND



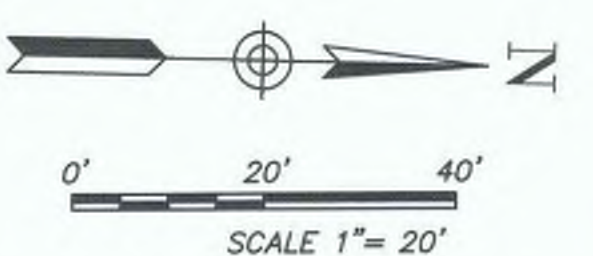
- NOTE:
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 - CENTERLINE WAS APPROXIMATED FROM SURVEY POINTS
 - PROTECT IN PLACE ALL EXIST UTILITY APPURTENANCES
 - NO EXISTING MONUMENTS FOUND, SEE NOTE 27 ON TITLE SHEET 1



SECTION B-B
NO SCALE



DETAIL - EDGE GRIND
NO SCALE



NV5

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92126
P: 858.365.0500 WWW.NV5.COM

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:

 DARAB BOUZARJOMEHRI, P.E.
 NV5
 3/20/24 DATE
 54870 R.C.E. No.
 6/30/24 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
 APPROVED FOR CONSTRUCTION BY:

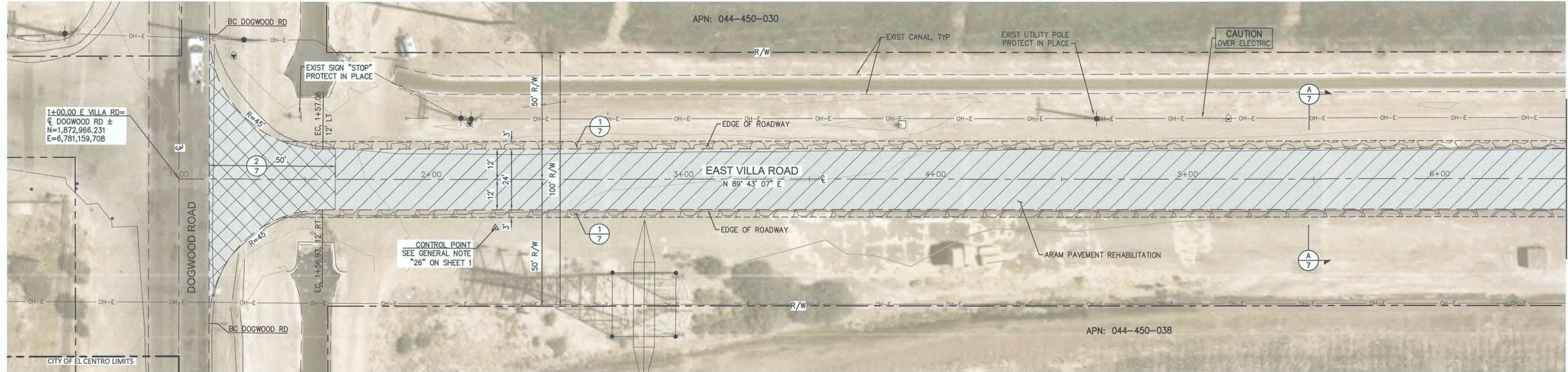
 JOHN A. GAY, P.E.
 ROAD COMMISSIONER
 1/21/25 DATE
 62028 R.C.E. No.
 9/30/25 REG. EXP.



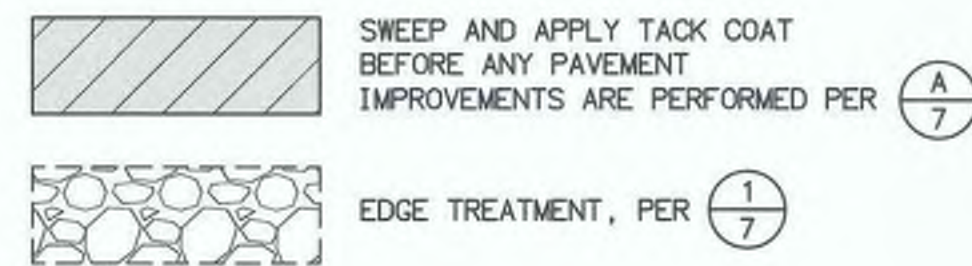
DATE 3/20/24
 DRAWN SD
 SCALE AS SHOWN
 CHECKED DB

VARIOUS ROADWAY REHABILITATION
 COUNTY PROJECTS No. 6862,
 6865, AND 6866

MCCABE COVE ROAD
 10+00 TO CUL-DE-SAC
 REFERENCE
 SHEET 4 OF 23

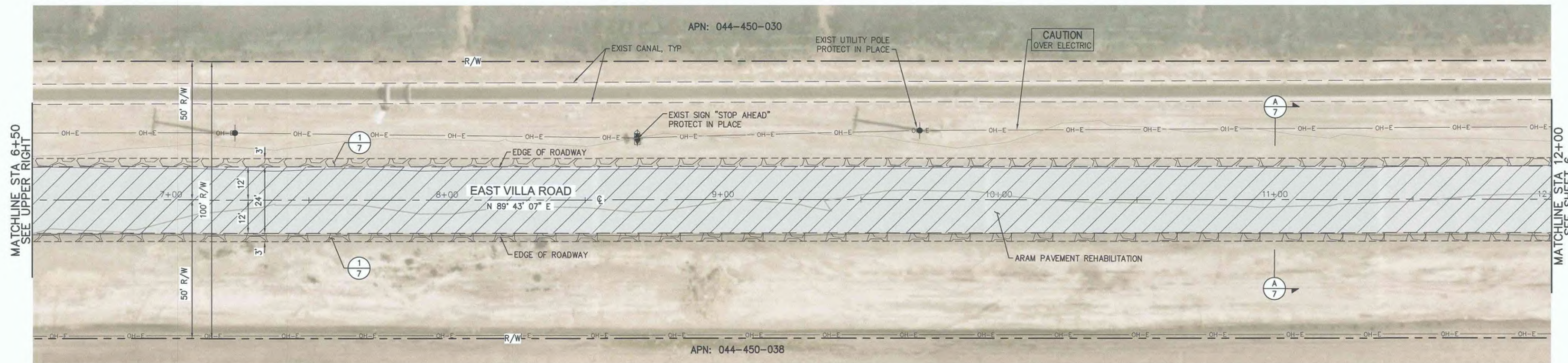


LEGEND

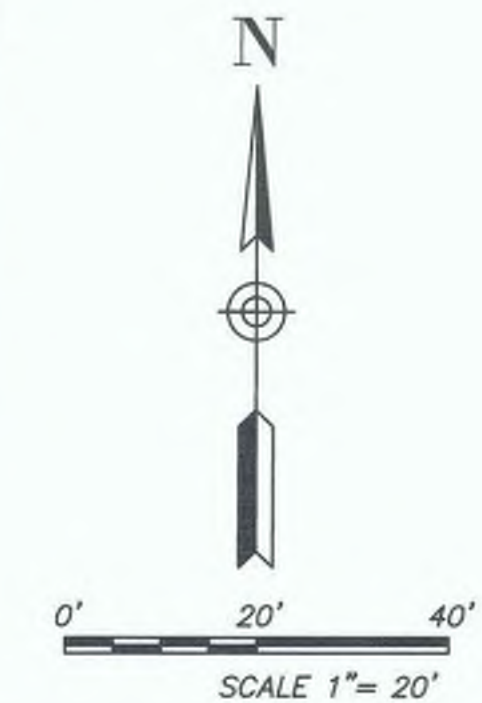


PLAN SCALE 1"=20'

- NOTE:
- EXISTING PAVEMENT WIDTH MAY VARY, CONTRACTOR SHALL ARAM PAVEMENT REHAB ENTIRE WIDTH OF EXISTING PAVEMENT
 - CENTERLINE WAS APPROXIMATED FROM SURVEY POINTS
 - PROTECT IN PLACE ALL EXIST UTILITY APPURTENANCES



PLAN SCALE 1"=20'



NV5

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
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REVISION	DATE	COMMENTS



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Darab Bouzarjomehri
DARAB BOUZARJOMEHRI, P.E.
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6/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE

62028
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9/30/25
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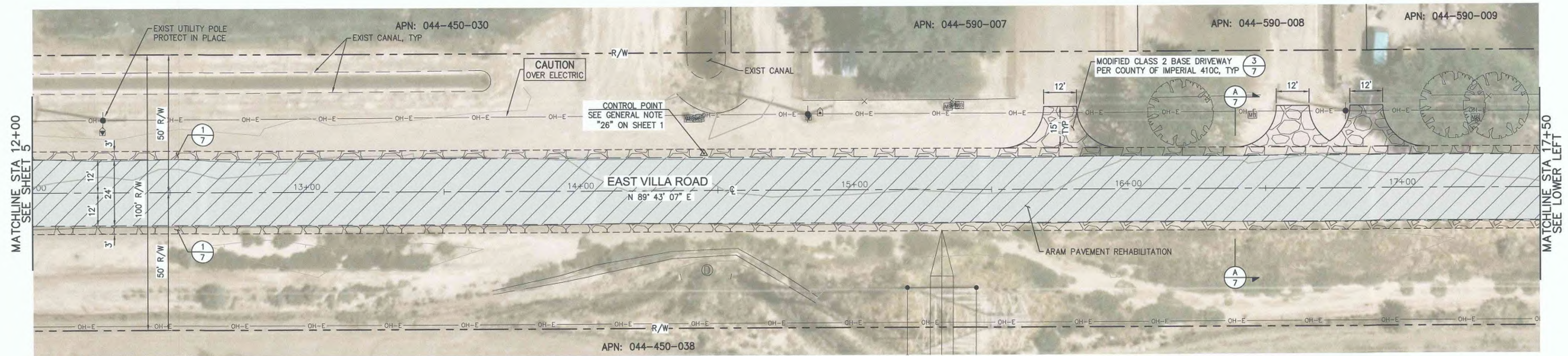
DATE
3/20/24
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AS SHOWN
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DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

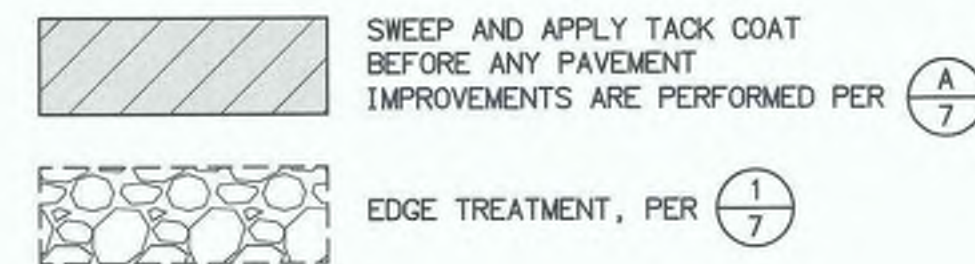
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SHEET 5 OF 23

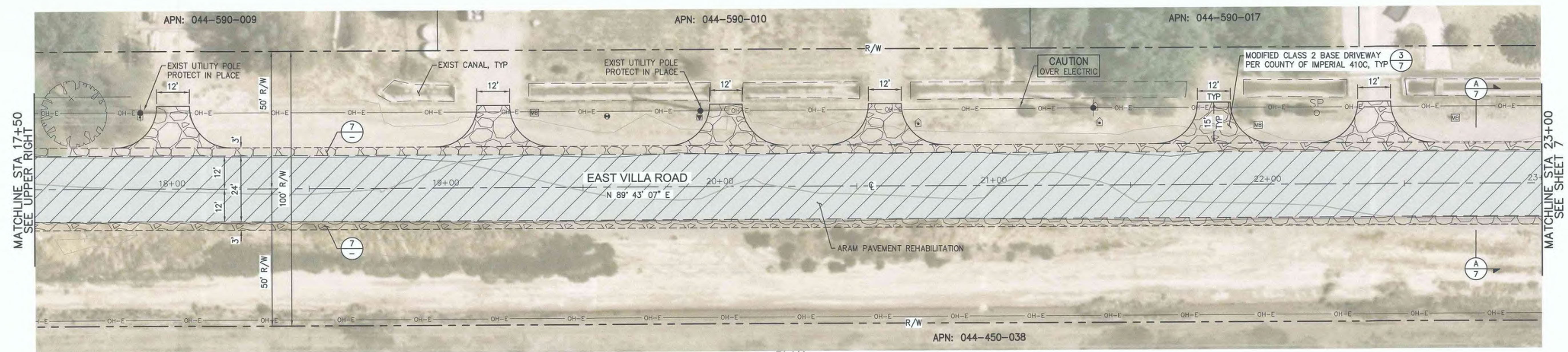
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1+00 TO 12+00



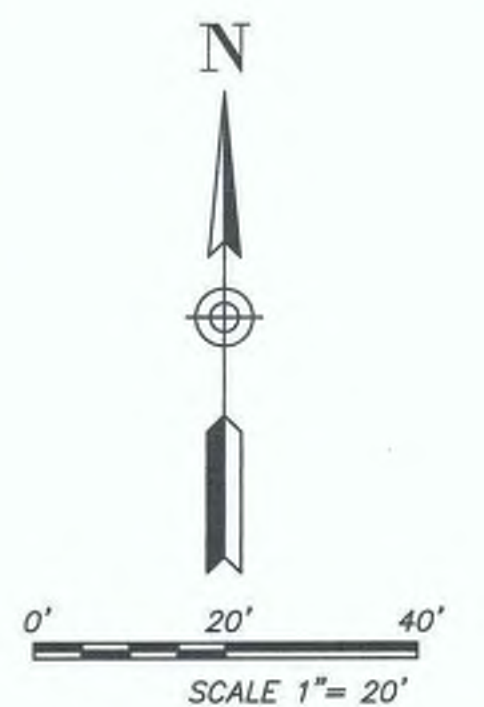
LEGEND



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PLAN
SCALE 1"=20'



NIV5

15992 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858.385.0500 WWW.NIV5.COM

REVISION	DATE	COMMENTS



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Darab Bouzarjomehri
DARAB BOUZARJOMEHRI, P.E.
NVS
3/20/24
DATE

54870
R.C.E. No.
6/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE

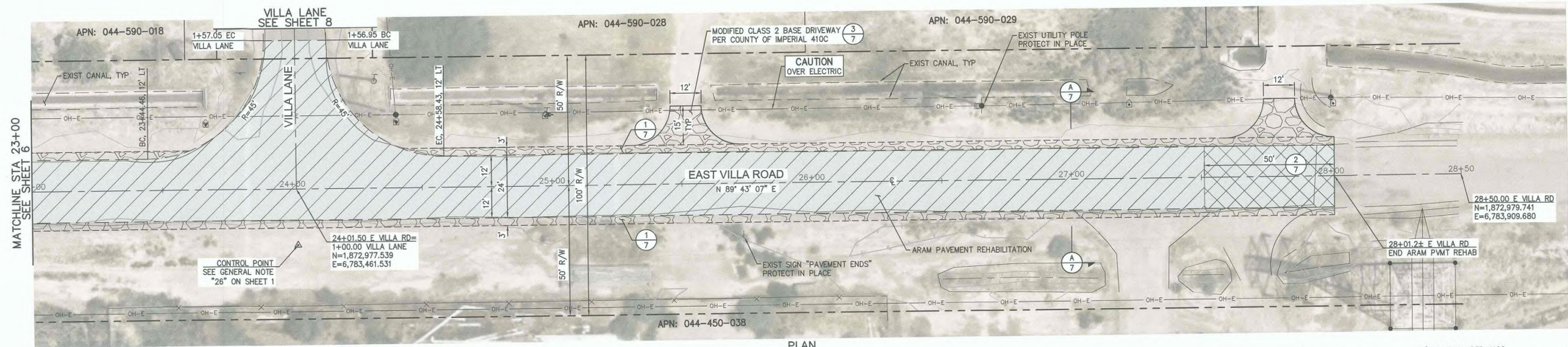
62028
R.C.E. No.
9/30/25
REG. EXP.



DATE	3/20/24
DRAWN	SD
SCALE	AS SHOWN
CHECKED	DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

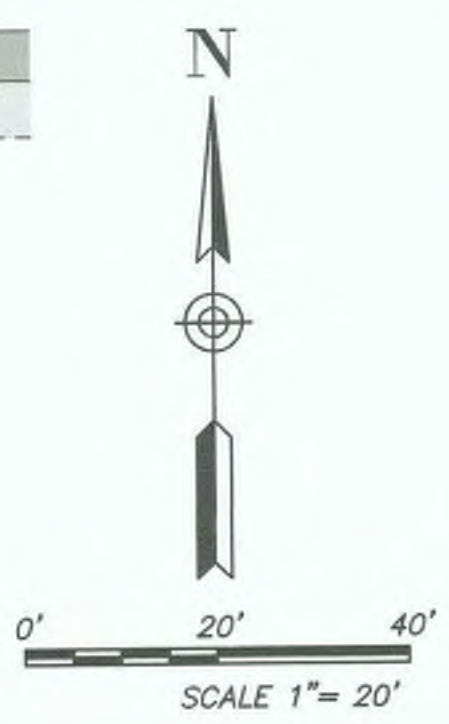
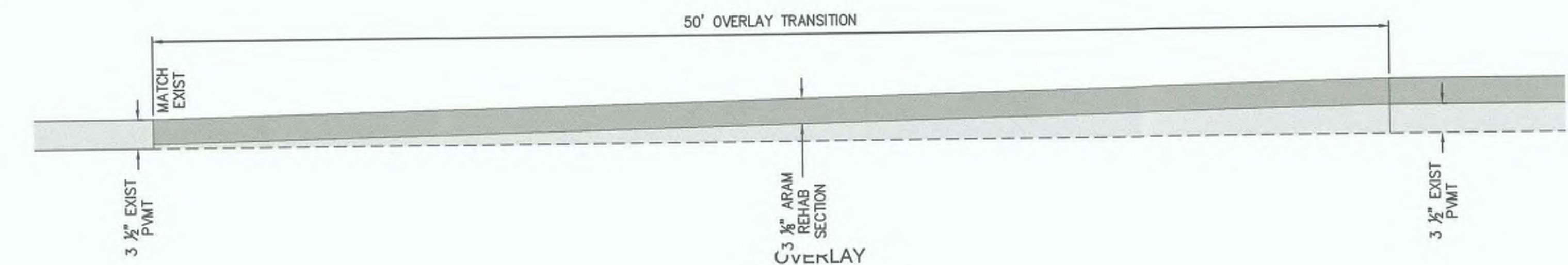
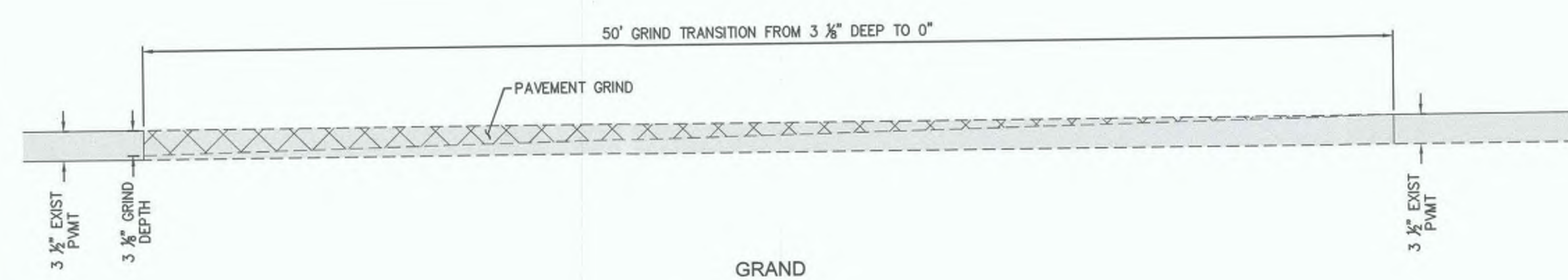
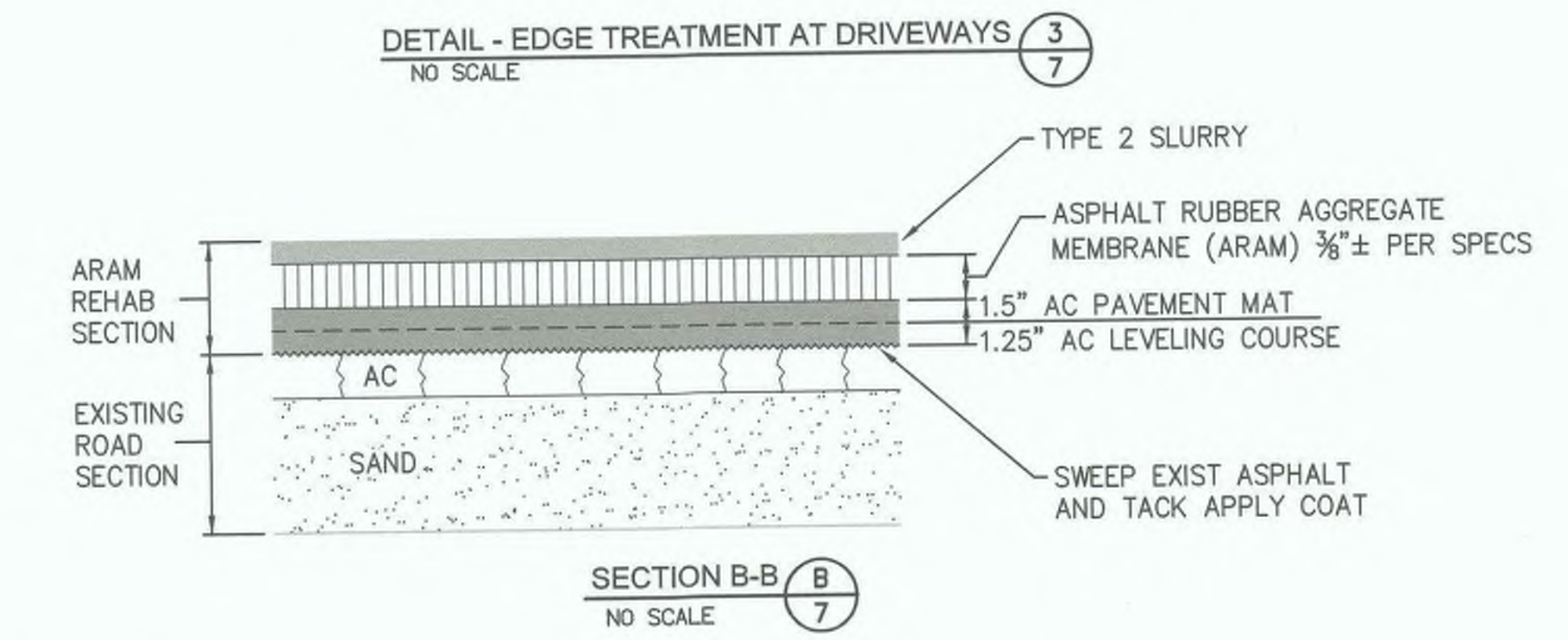
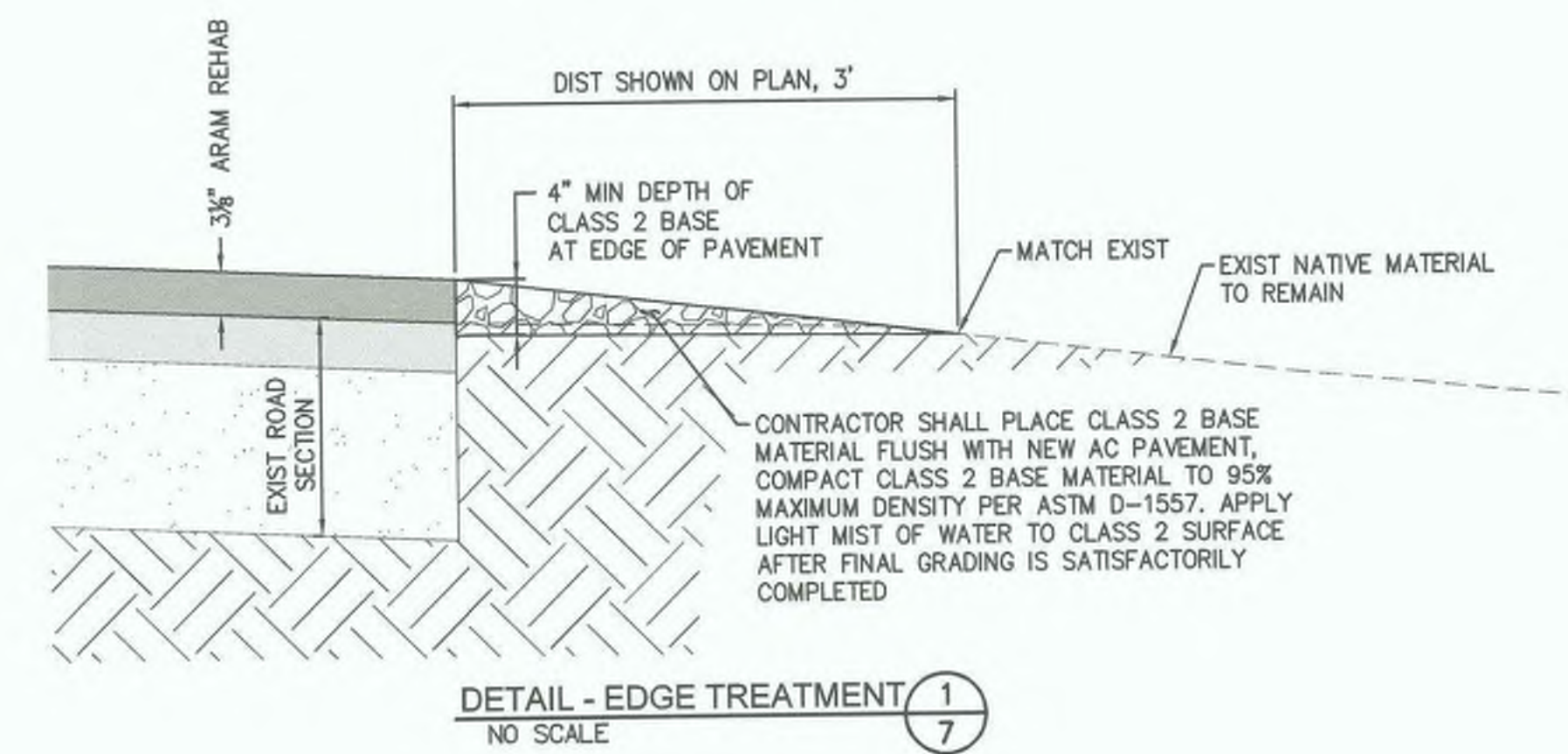
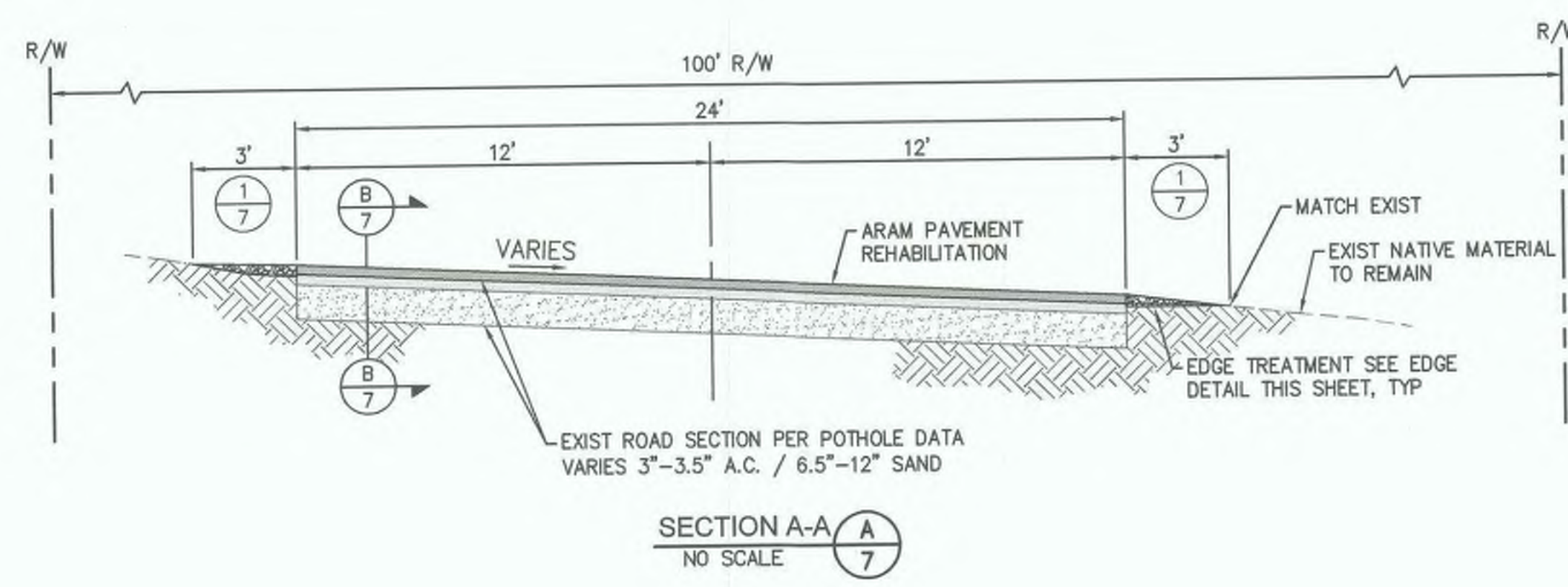
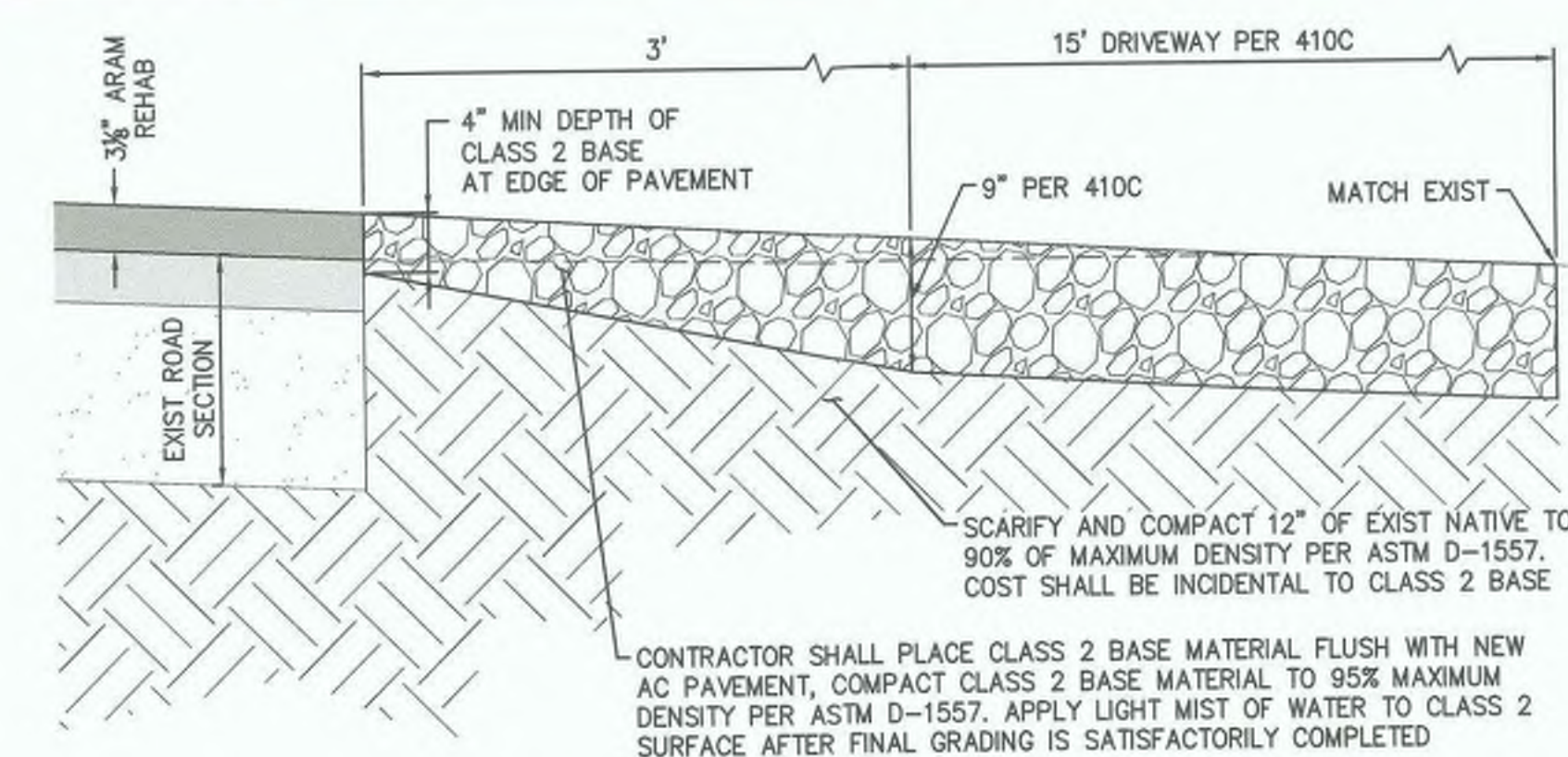
EAST VILLA RD 12+00 TO 23+00	
REFERENCE	SHEET 6 OF 23



LEGEND

- SWEEP AND APPLY TACK COAT BEFORE ANY PAVEMENT IMPROVEMENTS ARE PERFORMED PER (1/7)
- EDGE TREATMENT, PER (1/7)
- 50' PAVEMENT TRANSITION, PER (2/7)

- NOTE:
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NV5

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858.385.0500 WWW.NV5.COM

REVISION	DATE	COMMENTS

PREPARED UNDER THE DIRECT SUPERVISION OF:

[Signature]
DARAB BOUZARJOMEHRI, P.E.
NVS

3/20/24
DATE

54870
R.C.E. No.

6/30/24
REG. EXP.

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:

[Signature]
JOHN A. GAY, P.E.
ROAD COMMISSIONER

1/21/25
DATE

62028
R.C.E. No.

9/30/25
REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 3/20/24

DRAWN SD

SCALE AS SHOWN

CHECKED DB

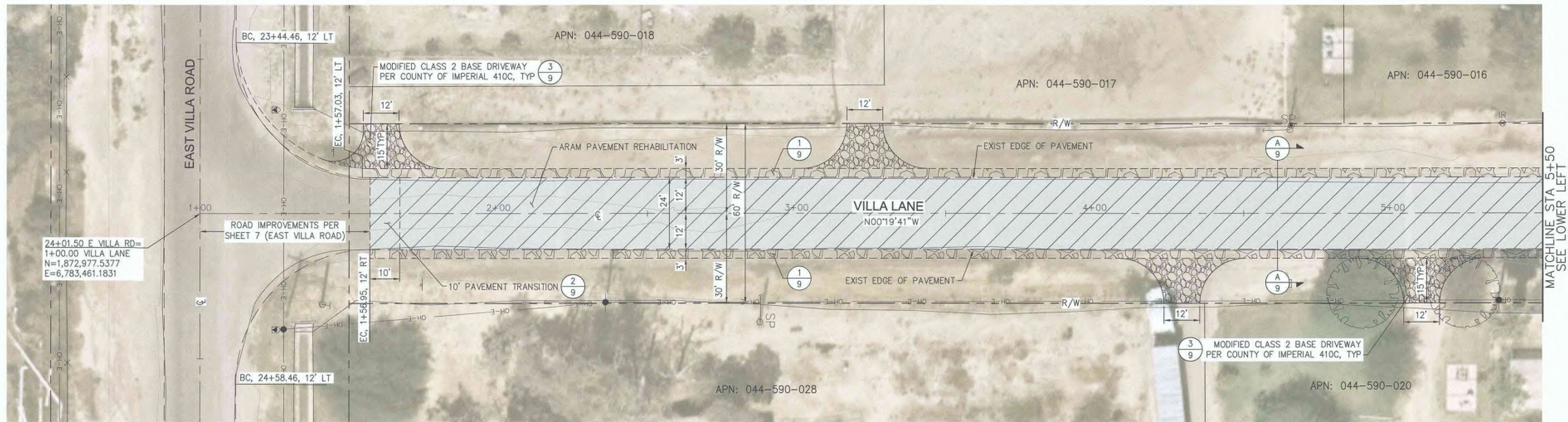
VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EAST VILLA RD
23+00 TO 28+00

REFERENCE

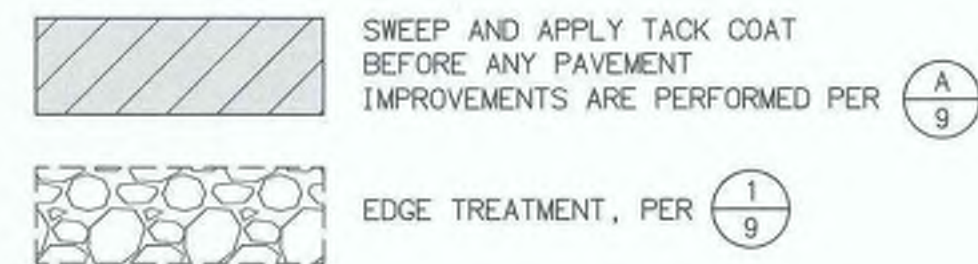
SHEET 7 OF 23

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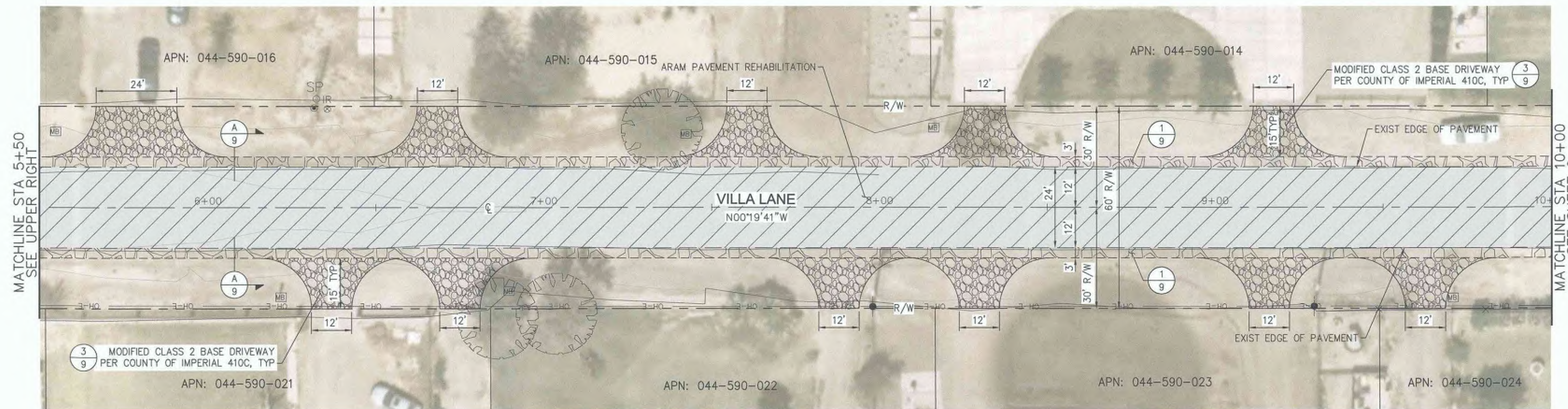


PLAN
SCALE 1"=20'

LEGEND



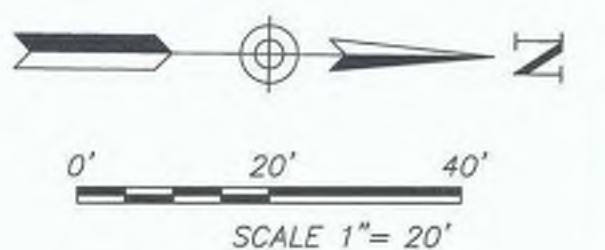
- NOTE:
1. EXISTING PAVEMENT WIDTH MAY VARY, CONTRACTOR SHALL ARAM PAVEMENT REHAB ENTIRE WIDTH OF EXISTING PAVEMENT
 2. CENTERLINE WAS APPROXIMATED FROM SURVEY POINTS
 3. PROTECT IN PLACE ALL EXIST UTILITY APPURTENANCES



PLAN
SCALE 1"=20'

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15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
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REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
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ROAD COMMISSIONER
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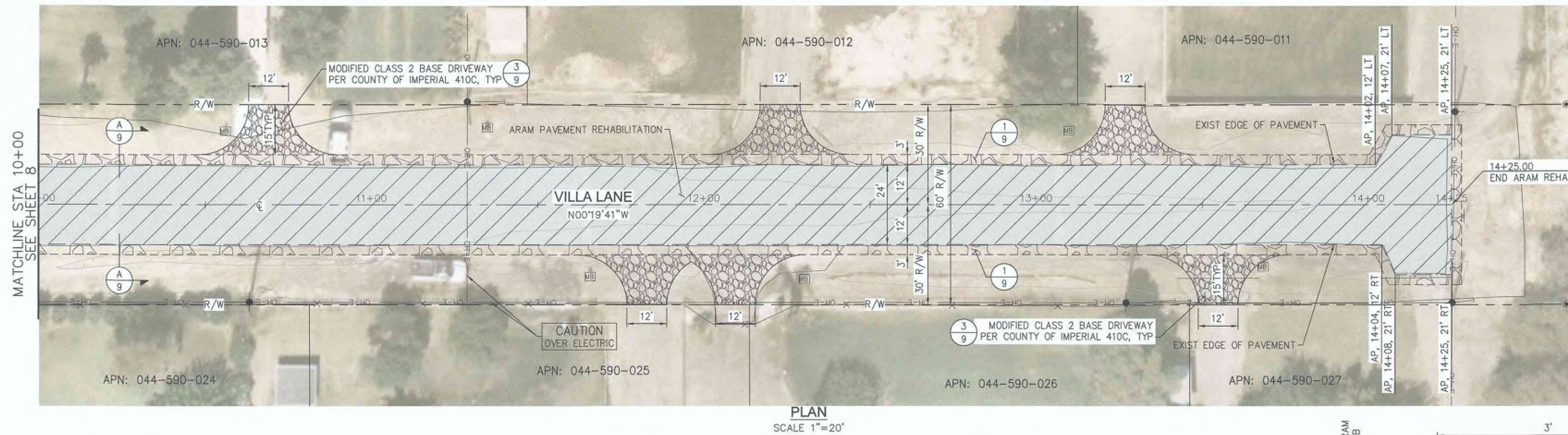
DATE 3/20/24
DRAWN SD
SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

REFERENCE

VILLA LANE
1+00 TO 10+00

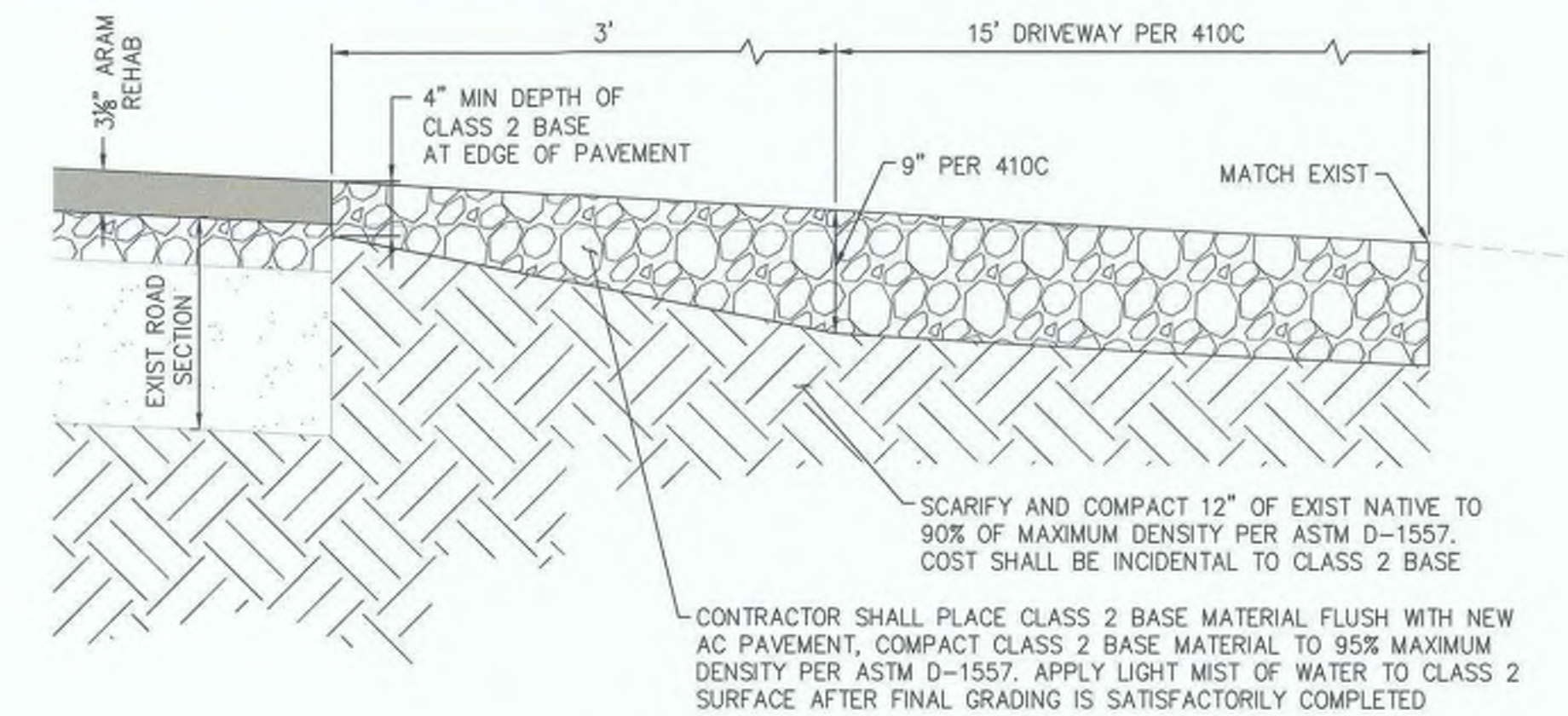
SHEET 8 OF 23



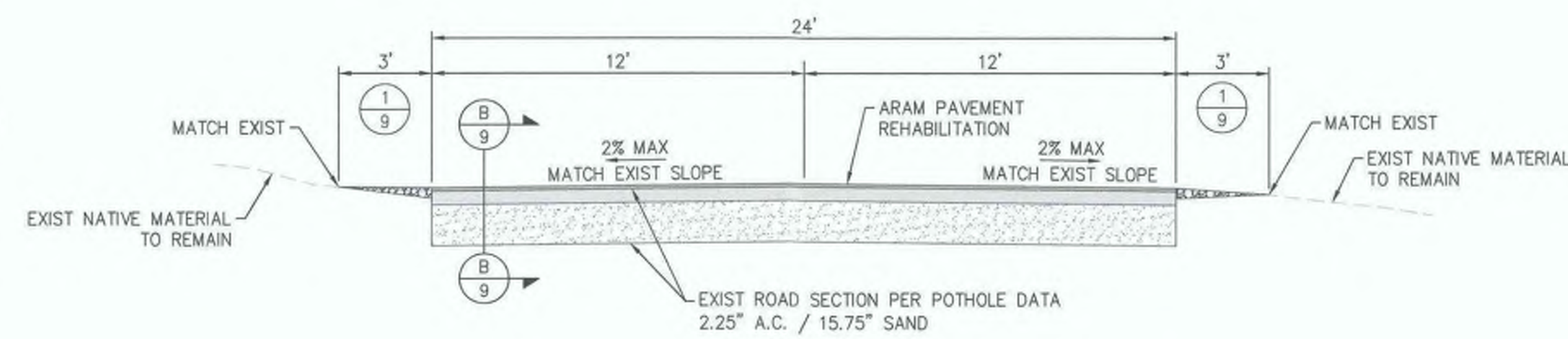
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LEGEND

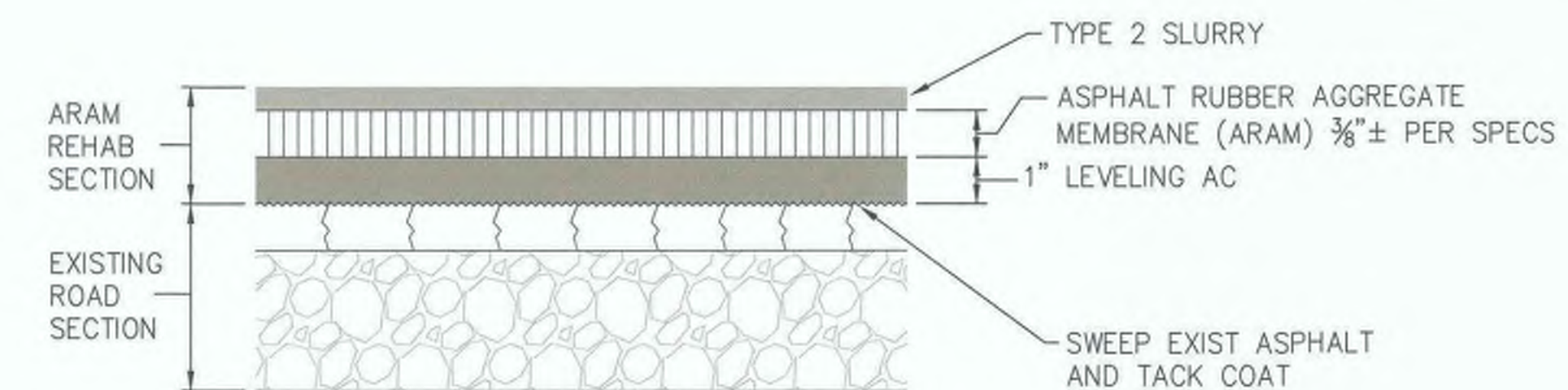
- SWEEP AND APPLY TACK COAT BEFORE ANY PAVEMENT IMPROVEMENTS ARE PERFORMED PER (A/9)
- EDGE TREATMENT, PER (1/9)



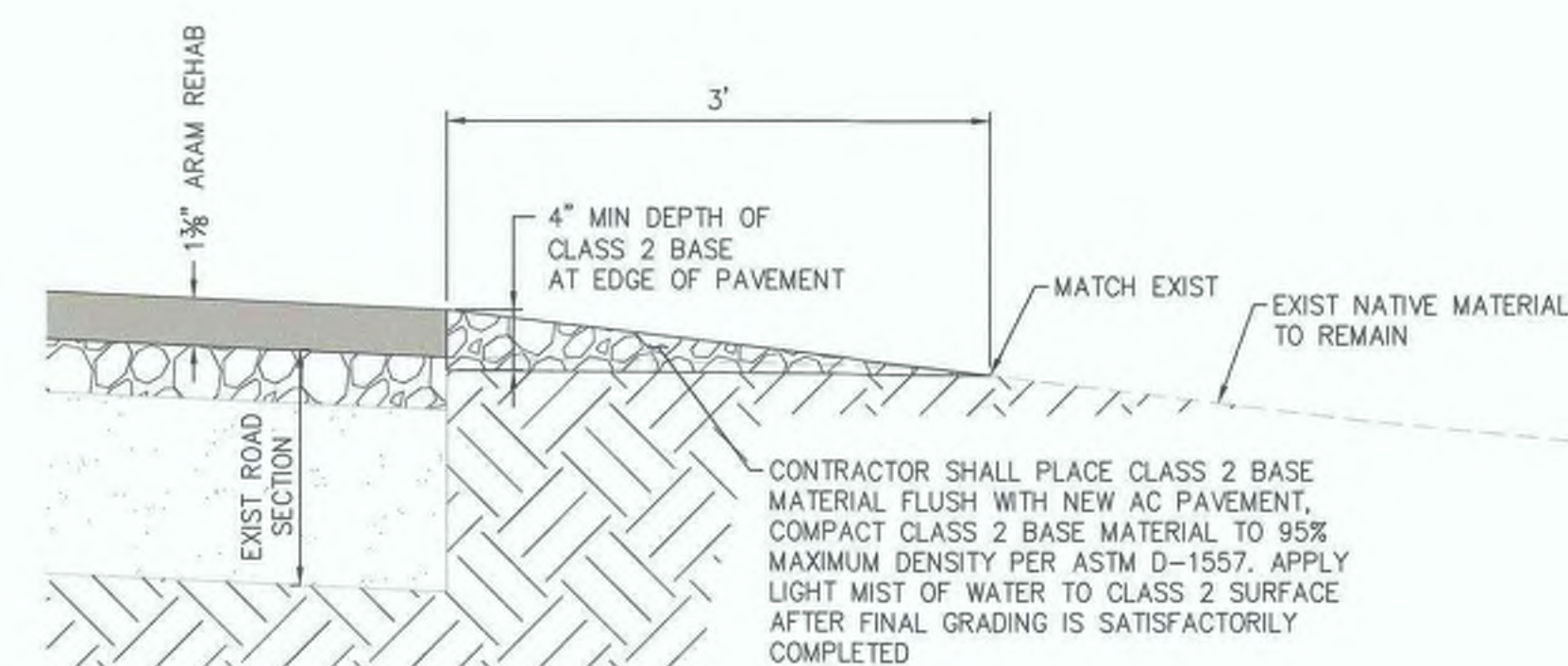
DETAIL - EDGE TREATMENT AT DRIVEWAYS (3/9)
NO SCALE



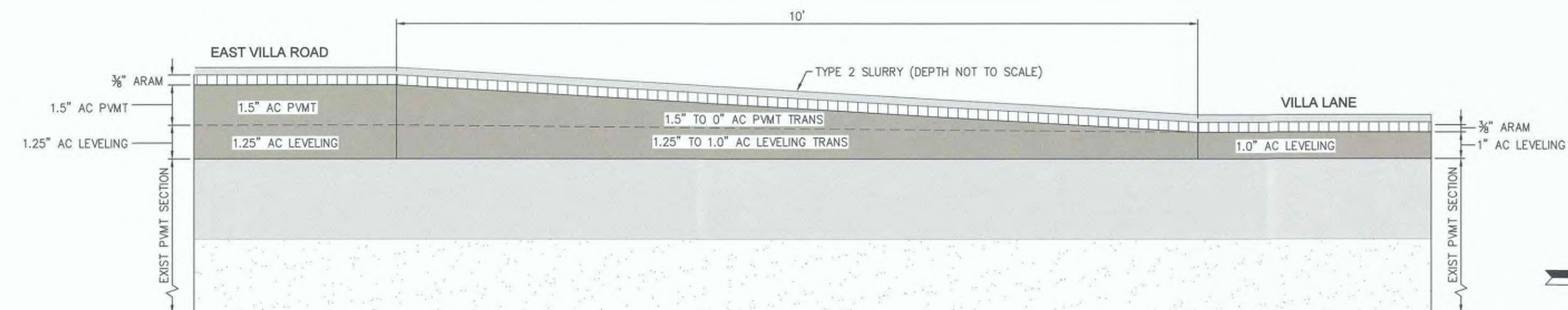
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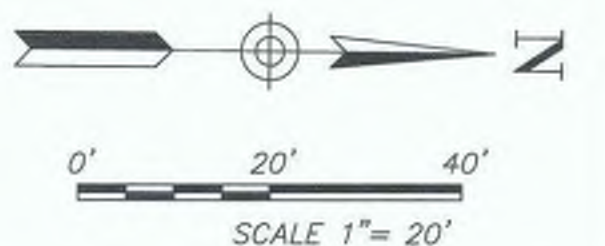
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NO SCALE



DETAIL - EDGE TREATMENT (1/9)
NO SCALE



DETAIL - PAVEMENT TRANSITION (2/9)
SCALE: HORIZ= 1:1 VERT= 1:4



NV15

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 619.395.0500 WWW.NV15.COM

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Darab Bouzarjomehri, P.E.
NVS
3/20/24
DATE

54870
R.C.E. No.
6/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay, P.E.
ROAD COMMISSIONER
4/21/25
DATE

62028
R.C.E. No.
9/30/25
REG. EXP.



DATE 3/20/24
DRAWN SD
SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

REFERENCE

VILLA LANE
10+00 TO 14+25

SHEET 9 OF 23

SWPPP NOTES

1. DISCHARGING SEDIMENT-LADEN WATER WHICH WILL CAUSE OR CONTRIBUTE TO AN EXCEEDANCE OF THE APPLICABLE RWQCB'S BASIN PLANS FROM A DEWATERING SITE OR SEDIMENT BASIN/TRAP INTO ANY RECEIVING WATER OR STORM DRAIN WITHOUT FILTRATION OR EQUIVALENT TREATMENT IS PROHIBITED.
2. THE DISCHARGER SHALL AMEND THE SWPPP WHENEVER THERE IS A CHANGE IN CONSTRUCTION OR OPERATIONS, WHICH MAY AFFECT THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS, GROUNDWATER, OR A MUNICIPAL STORM DRAIN SYSTEM. THE SWPPP SHALL ALSO BE AMENDED IF THE DISCHARGER VIOLATES ANY CONDITION OF THE GENERAL PERMIT OR HAS NOT ACHIEVED THE GENERAL OBJECTIVE OF REDUCING OR ELIMINATING POLLUTANTS IN STORM WATER DISCHARGES. ALL AMENDMENTS SHOULD BE DATED AND DIRECTLY ATTACHED TO THE SWPPP.
3. TEMPORARY ON-SITE DRAINAGE TO CARRY CONCENTRATED FLOW SHALL BE SELECTED TO COMPLY WITH COUNTY REQUIREMENTS TO CONTROL EROSION, TO RETURN FLOWS TO THEIR NATURAL DRAINAGE COURSES, AND TO PREVENT DAMAGE TO DOWNSTREAM PROPERTIES.
4. DISCHARGES ORIGINATING FROM OFF-SITE, WHICH FLOW ACROSS OR THROUGH AREAS DISTURBED BY CONSTRUCTION THAT MAY CONTAIN POLLUTANTS, SHOULD BE REPORTED TO THE RWQCB.
5. DISCHARGERS WHO ARE PRESENTLY COVERED UNDER NPDES GENERAL PERMIT NO. CAS000002 FOR DISCHARGE OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MAY SUBMIT A NOTICE OF TERMINATION WHEN THEY MEET ONE OF THE FOLLOWING CRITERIA.
- A. THE CONSTRUCTION PROJECT HAS BEEN COMPLETED AND THE FOLLOWING CONDITIONS HAVE BEEN MET: ALL ELEMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN HAVE BEEN COMPLETED; CONSTRUCTION MATERIALS AND EQUIPMENT MAINTENANCE WASTE HAVE BEEN DISPOSED OF PROPERLY; THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER MANAGEMENT REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS AND THE APPROPRIATE USE PERMITS HAVE BEEN OBTAINED; AND A POST-CONSTRUCTION STORM WATER OPERATION AND MANAGEMENT PLAN IS IN PLACE.
- B. CONSTRUCTION ACTIVITIES HAVE BEEN SUSPENDED, EITHER TEMPORARILY OR INDEFINITELY AND THE FOLLOWING CONDITIONS HAVE BEEN MET: ALL ELEMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN HAVE BEEN COMPLETED; CONSTRUCTION MATERIALS AND EQUIPMENT MAINTENANCE WASTE HAVE BEEN DISPOSED OF PROPERLY; ALL DENUDEED AREAS AND OTHER AREAS OF POTENTIAL EROSION ARE STABILIZED; AN OPERATION AND MAINTENANCE PLAN FOR EROSION AND SEDIMENT CONTROL IS IN PLACE; AND THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER MANAGEMENT REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS. THE DATE CONSTRUCTION ACTIVITIES WERE SUSPENDED, AND THE EXPECTED DATE CONSTRUCTION ACTIVITIES WILL START UP AGAIN SHOULD BE PROVIDED.
- C. CONSTRUCTION SITE CAN NOT DISCHARGE STORM WATER TO WATERS OF THE UNITED STATES. PLEASE INDICATE IF ALL STORM WATER IS RETAINED ON SITE OR IF STORM WATER IS COLLECTED OFFSITE.
- D. DISCHARGE OF CONSTRUCTION STORM WATER FROM THE SITE IS NOW SUBJECT TO ANOTHER NPDES GENERAL PERMIT OR AN INDIVIDUAL NPDES PERMIT. THE GENERAL PERMIT OR INDIVIDUAL PERMIT NPDES NUMBER AND DATE COVERAGE BEGAN SHOULD BE PROVIDED.
- E. THERE IS A NEW OWNER OF THE IDENTIFIED SITE. IF OWNERSHIP OR OPERATION OF THE FACILITY HAS BEEN TRANSFERRED THEN THE PREVIOUS OWNER MUST SUBMIT A NOTICE OF TERMINATION AND THE NEW OWNER MUST SUBMIT A NOTICE OF INTENT FOR COVERAGE UNDER THE GENERAL PERMIT. THE DATE OF TRANSFER AND INFORMATION ON THE NEW OWNER SHOULD BE PROVIDED. NOTE THAT THE PREVIOUS OWNER MAY BE LIABLE FOR DISCHARGE FROM THE SITE UNTIL THE NEW OWNER FILES A NOTICE OF INTENT FOR COVERAGE UNDER THE GENERAL PERMIT.

6. SEDIMENT CONTROL BMP'S ARE REQUIRED AT APPROPRIATE LOCATIONS ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL INLETS TO THE STORM DRAIN SYSTEM AT ALL TIMES.
7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ADEQUATE SEDIMENT CONTROL MATERIALS ARE AVAILABLE TO CONTROL SEDIMENT DISCHARGES AT THE DOWNGRADE PERIMETER AND OPERATIONAL INLETS (WEATHER AND STORM PREDICTIONS CAN BE OBTAINED BY CALLING THE NATIONAL WEATHER SERVICE AT (602) 275-0073 OR BY VISITING THE NATIONAL WEATHER SERVICE WEB SITE AT <https://www.weather.gov/psr> FOR WEATHER INFORMATION AND CURRENT SATALITE/RADAR FEEDS).
8. THE OUTLETS OF ALL SEDIMENT BASINS, TRAPS, AND LOCATIONS OF ARTIFICIALLY CONCENTRATED FLOW SHALL BE PROVIDED WITH OUTLET PROTECTION TO PREVENT EROSION AND SCOUR.
9. INSPECTIONS SHALL BE PERFORMED BEFORE AND AFTER STORM EVENTS AND ONCE EACH 24-HOUR PERIOD DURING EXTENDED STORM EVENTS TO IDENTIFY BMP EFFECTIVENESS AND IMPLEMENT REPAIRS OR DESIGN CHANGES AS SOON AS FEASIBLE, DEPENDING ON FIELD CONDITIONS. EQUIPMENT, MATERIALS, AND WORKERS MUST BE AVAILABLE FOR RAPID RESPONSE TO FAILURES AND EMERGENCIES. ALL CORRECTIVE MAINTENANCE TO BMP'S SHALL BE PERFORMED AS SOON AS POSSIBLE AFTER THE CONCLUSION OF EACH STORM, DEPENDING UPON WORKER SAFETY.
10. FOR EACH INSPECTION, A QUALIFIED PERSON SHALL COMPLETE AN INSPECTION CHECKLIST CONTAINING THE FOLLOWING MINIMUM INFORMATION: INSPECTION DATE, WEATHER INFORMATION (BEGINNING/END OF STORM EVENT, DURATION, TIME SINCE LAST STORM, APPROXIMATE RAINFALL IN INCHES), DESCRIPTION OF INADEQUATE BMP'S, LIST OF OBSERVATIONS OF ALL BMP'S AND VISIBLE INSPECTION OF OUTFALLS, DISCHARGE POINTS, DOWNSTREAM LOCATIONS, AND PROJECTED REQUIRED MAINTENANCE ACTIVITIES, CORRECTIVE ACTIONS REQUIRED, INCLUDING CHANGES TO THE SWPPP AND IMPLEMENTATION DATES, INSPECTOR'S NAME, TITLE, SIGNATURE, AND QUALIFICATIONS.
11. INDIVIDUALS RESPONSIBLE FOR SWPPP, IMPLEMENTATION, AND PERMIT COMPLIANCE SHALL BE APPROPRIATELY TRAINED. THIS INCLUDES THOSE PERSONNEL RESPONSIBLE FOR INSTALLATION, INSPECTION, MAINTENANCE, AND REPAIR OF BMP'S. THOSE RESPONSIBLE FOR OVERSEEING, REVISING, AND AMENDING THE SWPPP SHALL ALSO DOCUMENT THEIR TRAINING. THE QUALIFIED PERSON SHALL ATTEND THE PRE-CONSTRUCTION MEETING. THE QUALIFIED PERSON SHALL HAVE KNOWLEDGE AND TRAINING OF THE INTENT AND ENFORCEMENT OF SWPPP'S AND BMP'S AND BE PROPERLY TRAINED TO CONDUCT INSPECTIONS AND PREPARE REPORTS OF THE CONSTRUCTION SITE WITH RESPECT TO THE COUNTY MUNICIPAL CODE/ORDINANCES AND THE SWPPP.
12. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE SWPPP AT THE CONSTRUCTION SITE, WHICH SHALL BE PROVIDED, UPON REQUEST, TO THE RWQCB OR COUNTY PERSONNEL. THE SWPPP IS CONSIDERED A REPORT THAT SHALL BE AVAILABLE TO THE PUBLIC BY THE RWQCB UNDER SECTION 308(B) OF THE CLEAN WATER ACT.
13. RECORDS OF ALL INSPECTIONS, COMPLIANCE CERTIFICATIONS, NONCOMPLIANCE REPORTING, SWPPP AND ANY OTHER DOCUMENTS GENERATED AS PART OF SWPPP, MUST BE RETAINED FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE GENERATED.
14. A CONCRETE WASHOUT SHALL BE INSTALLED FOR ALL PROJECTS THAT PROPOSE CONCRETE TO BE MIXED ON SITE OR DELIVERED FROM A BATCH PLANT. THE CONCRETE WASHOUT SHALL BE LOCATED A MINIMUM OF 50' FROM ANY DRAINAGE INFRASTRUCTURE OR NATURAL DRAINAGE FEATURES OR WATER BODIES AND INCORPORATE AN IMPERMEABLE LINER (6 MIL MIN) TO CONTAIN THE REQUIRED VOLUME. ALL DRIED CONCRETE WASTE SHALL BE BROKEN INTO MANAGEABLE PIECES AND DISPOSED OF IN A PROPER MANNER. THE CONTRACTOR OR QUALIFIED PERSON SHALL LOCATE CONCRETE WASHOUTS IN THIS PRESCRIBED MANNER AS CONSTRUCTION PROGRESSES.

SWPPP NOTES (CONTINUED)

15. THE QUALIFIED PERSON SHALL CONDUCT REGULAR INSPECTIONS OF THE PROJECT SITE IN ACCORDANCE WITH RECOMMENDATIONS OUTLINED IN THE SWPPP. EACH INSPECTION SHALL BE DOCUMENTED IN THE FORM OF WRITTEN REPORTS RETAINED ON-SITE. ALL REPORTS SHALL BE MADE AVAILABLE TO THE COUNTY AND RWQCB REPRESENTATIVES UPON REQUEST.
16. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER AND SEWER UTILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.
17. THE PERMITTEE OR DESIGNEE SHALL PROVIDE EVIDENCE OF COVERAGE UNDER THE GENERAL CONSTRUCTION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT, IN THE FORM OF A NOTICE OF INTENT (NOI) FILED WITH THE STATE WATER RESOURCES CONTROL BOARD, PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS.
18. SEDIMENT AND EROSION CONTROLS MAY BE REMOVED ONLY WHEN CONTRIBUTORY UPSTREAM AREAS BECOME STABILIZED OR ARE MANAGED UPSTREAM (I.E., SINGLE-LOT SEDIMENT CONTROLS) AND AS LONG AS SEDIMENT LADEN RUNOFF WILL NOT DISCHARGE FROM THE SITE.
19. THIS PLAN SHALL BE IN EFFECT UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED, TRANSFERRED TO NEW OWNERSHIP, OR DEVELOPED UNDER FUTURE PLANS WITH AN NEW NOI, SWPPP, AND WQID NUMBER.

PERMANENT POST-CONSTRUCTION BMP NOTES

1. OPERATION AND MAINTENANCE SHALL BE SECURED BY AN EXECUTED AND RECORDED STORM WATER MANAGEMENT AND DISCHARGE CONTROL MAINTENANCE AGREEMENT (SWMDCMA), OR ANOTHER MECHANISM APPROVED BY THE COUNTY ENGINEER, THAT ASSURES ALL PERMANENT BMP'S WILL BE MAINTAINED IN PERPETUITY, PER THE LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS.
2. PERMANENT POST CONSTRUCTION BMP DEVICES SHOWN ON PLAN SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE COUNTY ENGINEER OR RESIDENT ENGINEER AND THE ENGINEER OF WORK.

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE COUNTY OF IMPERIAL MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMP'S AND FOR PERMANENT POST CONSTRUCTION TREATMENT CONTROL PERMANENT BMP'S, THE WATER QUALITY TECHNICAL REPORT (WQTR) IF APPLICABLE.
2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
3. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
6. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
7. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED ROADWAY REHABILITATION PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
15. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, COUNTY AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

MINIMUM POST-CONSTRUCTION MAINTENANCE PLAN

AT THE COMPLETION OF THE WORK SHOWN, THE FOLLOWING PLAN SHALL BE FOLLOWED TO ENSURE WATER QUALITY CONTROL IS MAINTAINED FOR THE LIFE OF THE PROJECT:

1. STABILIZATION: ALL PLANTED SLOPES AND OTHER VEGETATED AREAS SHALL BE INSPECTED PRIOR TO OCTOBER 1 OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN ½ INCH) AND REPAIRED AND REPLANTED AS NEEDED UNTIL A NOTICE OF TERMINATION (NOT) IS FILED.
2. STRUCTURAL PRACTICES: DESILTING BASINS, DIVERSION DITCHES, DOWNDRAINS, INLETS, OUTLET PROTECTION MEASURES, AND OTHER PERMANENT WATER QUALITY AND SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED PRIOR TO OCTOBER 1ST OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN ½ INCH). REPAIRS AND REPLACEMENTS SHALL BE MADE AS NEEDED AND RECORDED IN THE MAINTENANCE LOG IN PERPETUITY.
3. OPERATION AND MAINTENANCE, FUNDING: POST-CONSTRUCTION BEST MANAGEMENT PRACTICES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE TRANSFER OF PROJECT TO THE COUNTY. AT THAT TIME, THE COUNTY SHALL ASSUME RESPONSIBILITY.

LEGEND

THE FOLLOWING COMPONENTS WILL CHANGE AS CONSTRUCTION PROGRESSES. THE SWPPP MAP MUST BE UPDATED IN THE FIELD TO REFLECT ACTUAL SITE CONDITIONS.

CALTRANS SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL, MAY 2017

DESCRIPTION	CALTRANS STD. DWG.	CALTRANS BMP ID	SYMBOL
SURFACE FLOW DIRECTION			→
STORM WATER SAMPLING & MONITORING LOCATION			▲
LIMITS OF CONSTRUCTION			---
SURFACE IMPROVEMENTS			■
SILT FENCE	① T51	SC-1	□ — FR — □
FIBER ROLLS	② T56	SC-5	— FR — FR —
GRAVEL BAGS, STORM DRAIN INLET PROTECTION	③ T62	SC-10	⬡
STABILIZED CONSTRUCTION ENTRANCE	④ T58	TC-1	⬢
WASTE MANAGEMENT & MATERIAL DELIVERY/STORAGE	⑤ T53	WM-1, WM-2 WM-3	⬢
HYDRAULIC MULCH, SEE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES INCLUDING SEEDING AND PLANTING	⑥	SS-3, SS-4	⬢

NOTE: FOR EROSION CONTROL DETAILS SEE SHEETS 11

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:	
	54870 R.C.E. No.
DARAB BOUZARJOMEHRI, P.E. NV5	
3/20/24 DATE	6/30/24 REG. EXP.



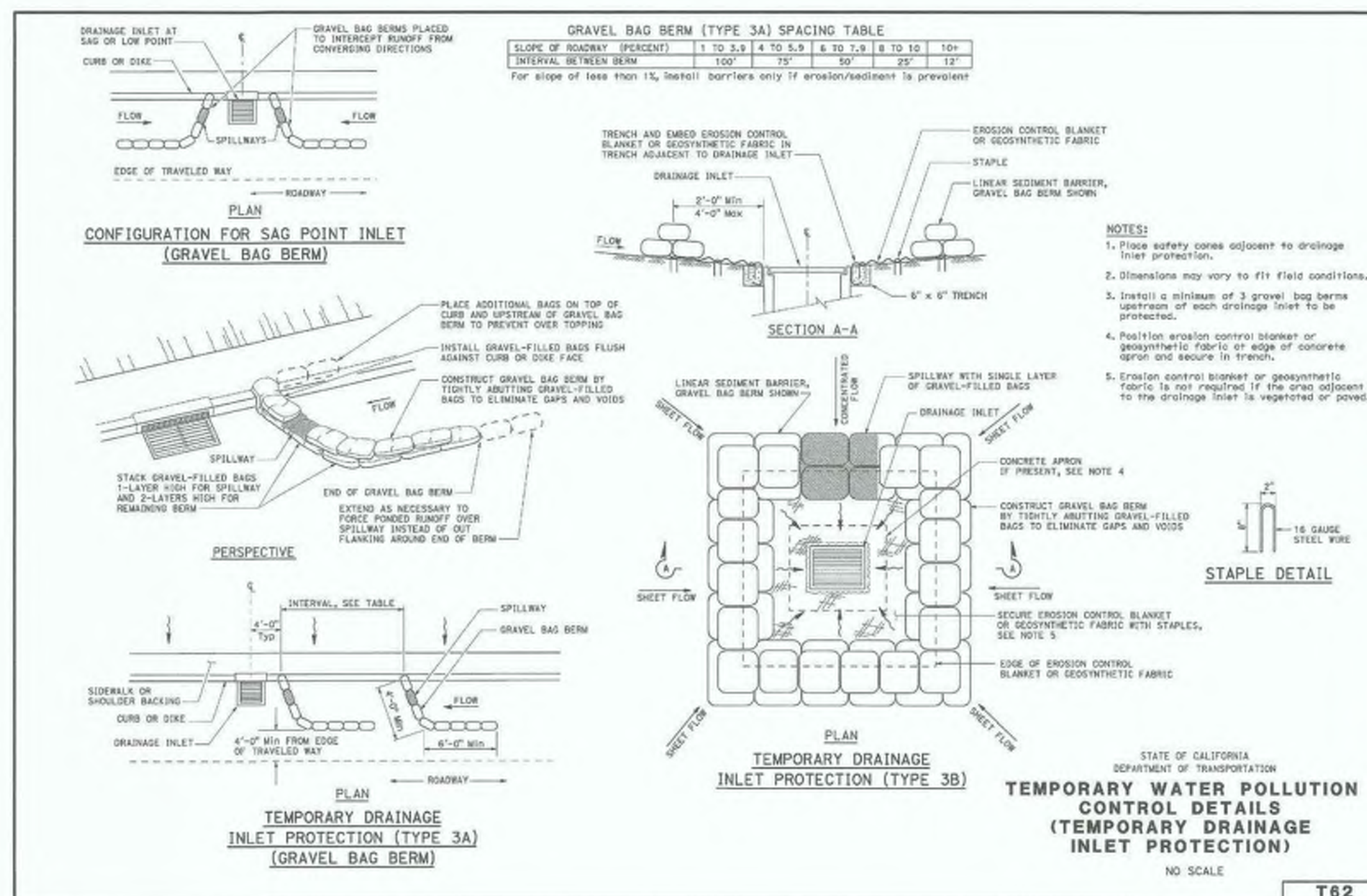
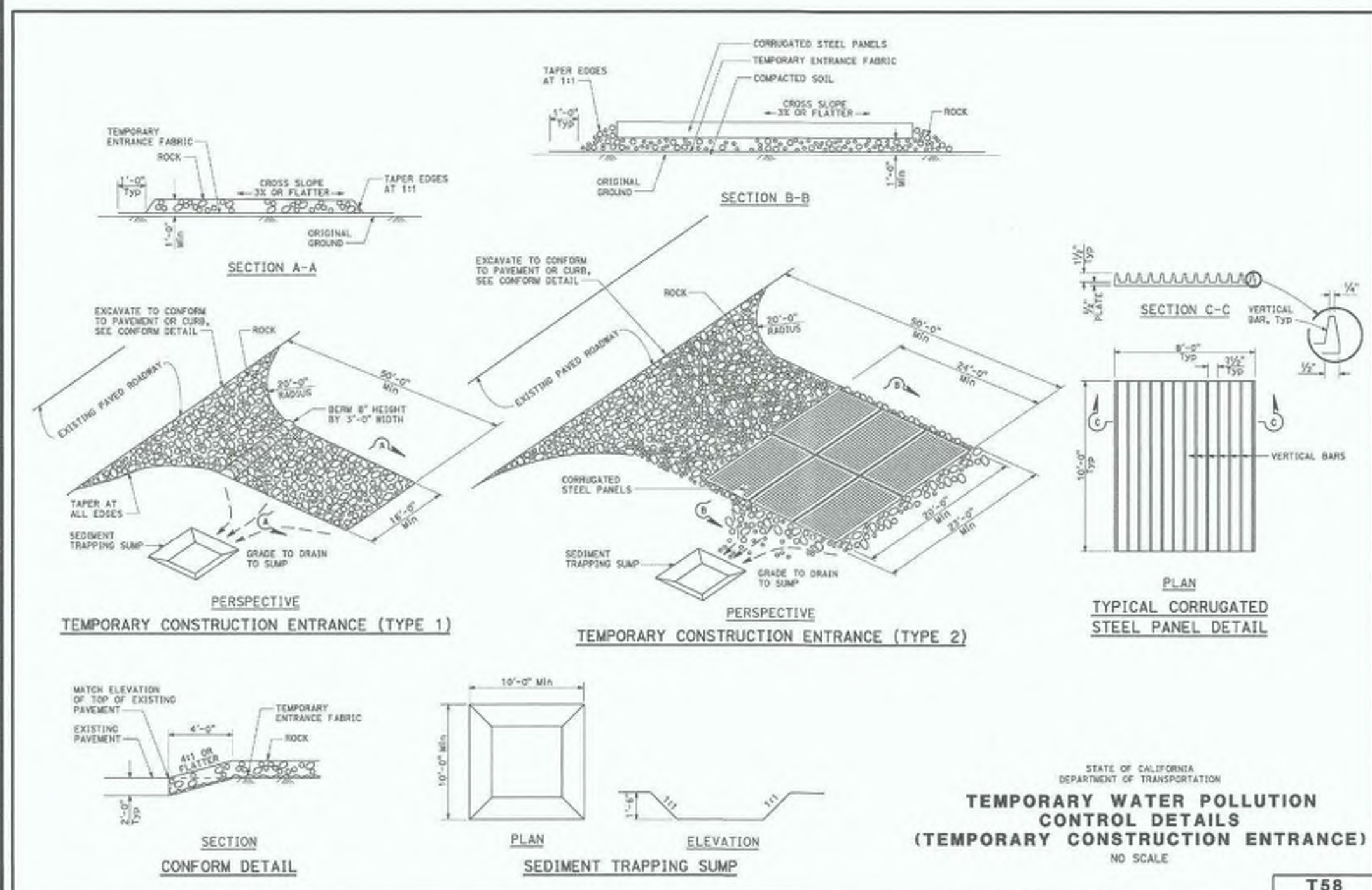
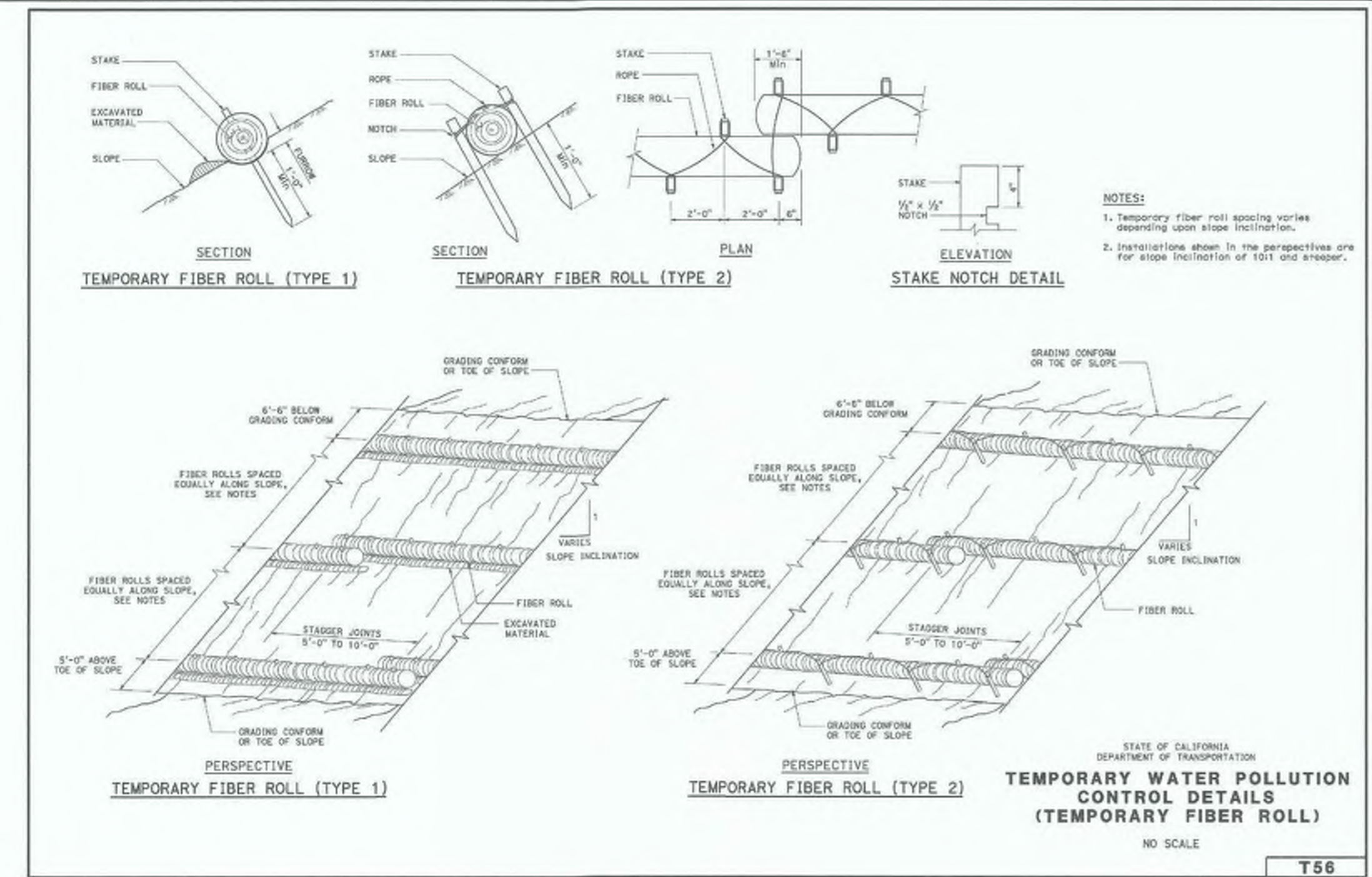
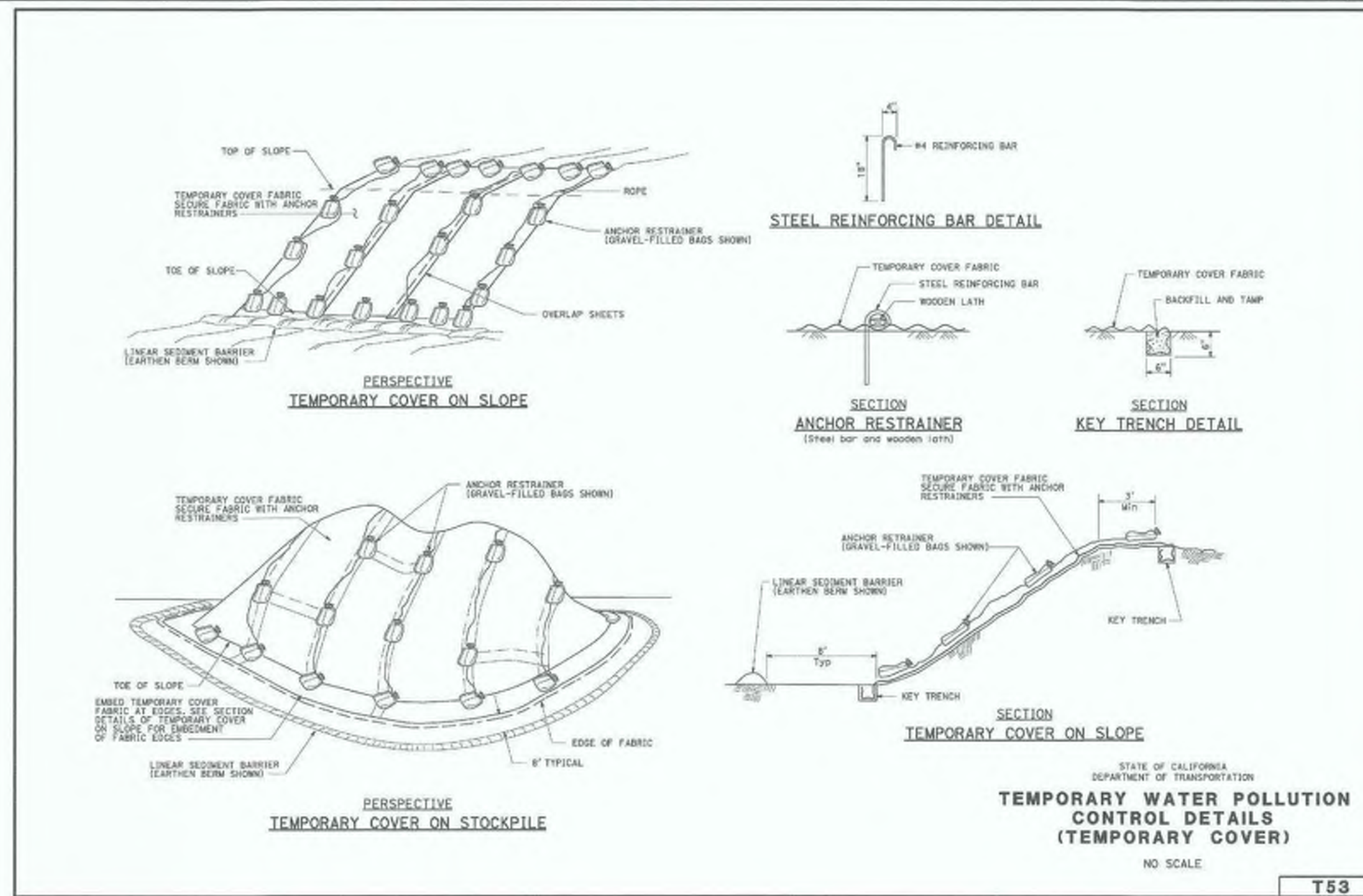
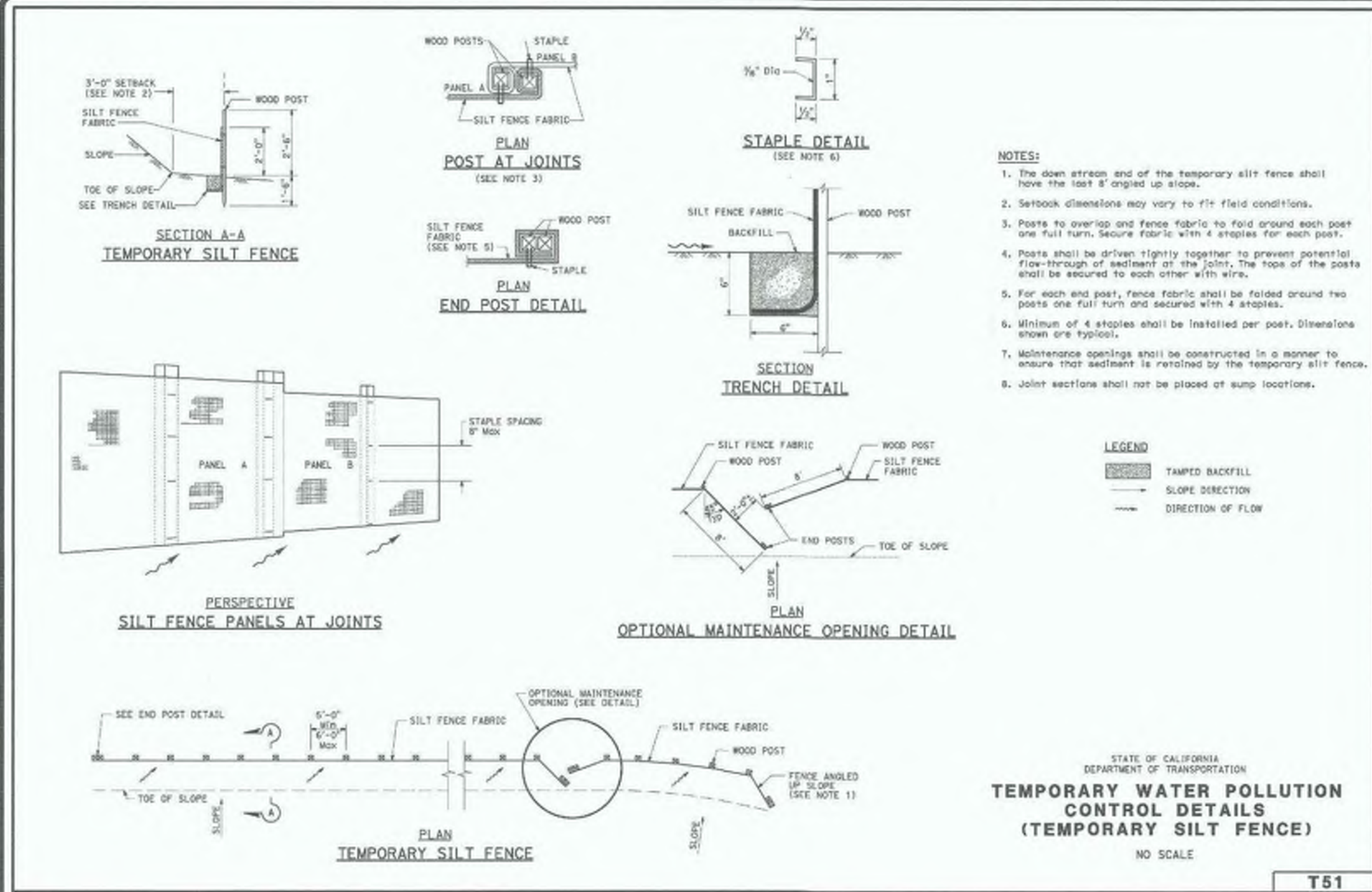
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:	
	62028 R.C.E. No.
JOHN A. GAY, P.E. ROAD COMMISSIONER	
4/21/25 DATE	9/30/25 REG. EXP.



DATE 3/20/24
DRAWN SD
SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EROSION CONTROL NOTES	
REFERENCE	
SHEET	10 OF 23



LEGEND

THE FOLLOWING COMPONENTS WILL CHANGE AS CONSTRUCTION PROGRESSES. THE SWPPP MAP MUST BE UPDATED IN THE FIELD TO REFLECT ACTUAL SITE CONDITIONS.

CALTRANS SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL, MAY 2017

DESCRIPTION	CALTRANS STD. DWG.	CALTRANS BMP ID	SYMBOL
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STORM WATER SAMPLING & MONITORING LOCATION			▲
LIMITS OF CONSTRUCTION			---
SURFACE IMPROVEMENTS			■
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FIBER ROLLS	② T56	SC-5	— FR —
GRAVEL BAGS, STORM DRAIN INLET PROTECTION	③ T62	SC-10	⊗
STABILIZED CONSTRUCTION ENTRANCE	④ T58	TC-1	⬢
WASTE MANAGEMENT & MATERIAL DELIVERY/STORAGE	⑤ T53	WM-1, WM-2, WM-3	⬢
HYDRAULIC MULCH, SEE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES INCLUDING SEEDING AND PLANTING	⑥	SS-3, SS-4	⬢

NOTE: CALTRANS EROSION CONTROL DETAILS SHOWN FOR REFERENCE ONLY

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
DARAB BOUZARJOMEHRI, P.E.
NVS
3/20/24
DATE



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN A. GAY, P.E.
ROAD COMMISSIONER
4/21/25
DATE



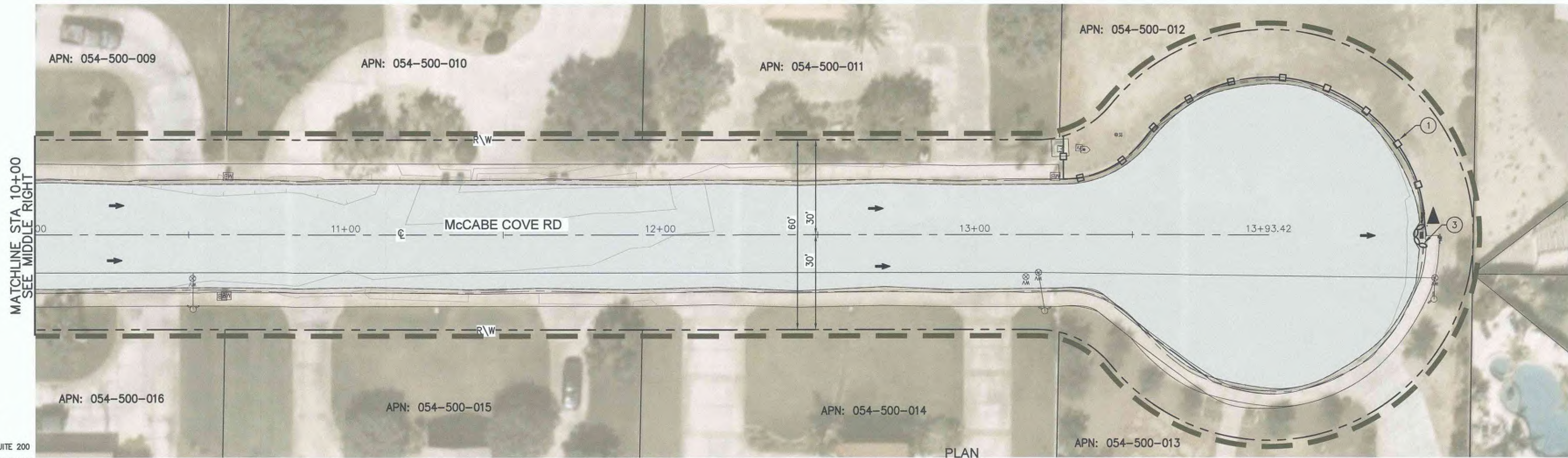
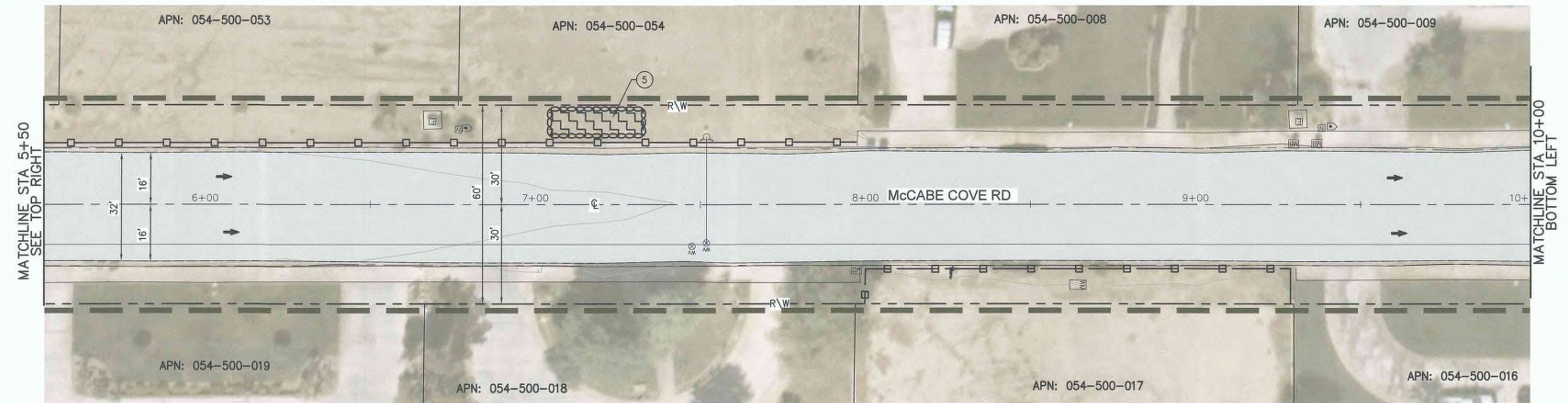
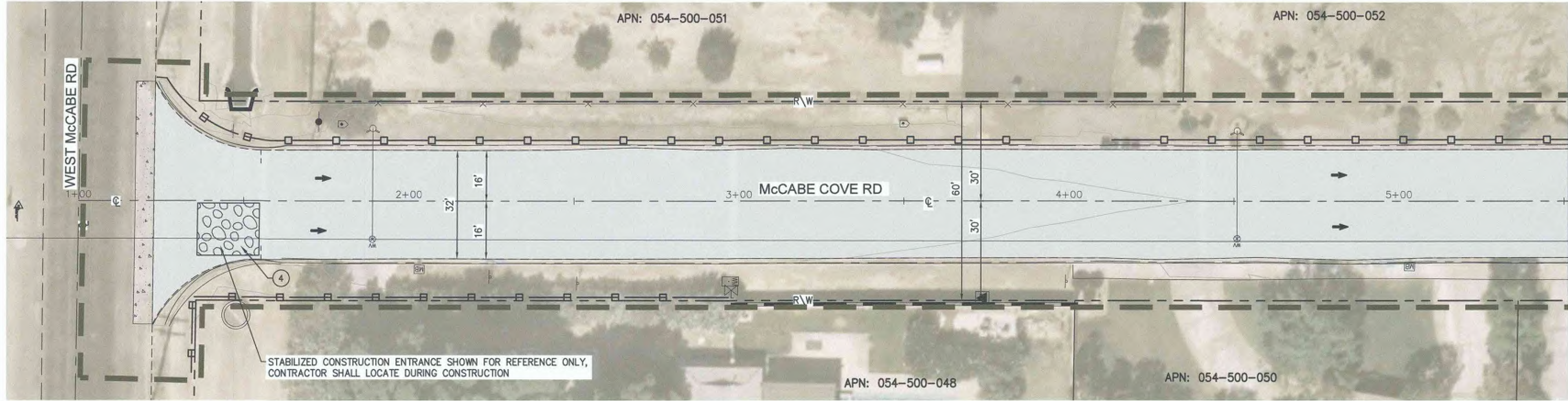
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VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EROSION CONTROL
DETAILS

REFERENCE

SHEET 11 OF 23



LEGEND

THE FOLLOWING COMPONENTS WILL CHANGE AS CONSTRUCTION PROGRESSES. THE SWPPP MAP MUST BE UPDATED IN THE FIELD TO REFLECT ACTUAL SITE CONDITIONS.

CALTRANS SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL, MAY 2017

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HYDRAULIC MULCH, SEE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES INCLUDING SEEDING AND PLANTING	⑥	SS-3, SS-4	[]

NOTE:
EAST VILLA ROAD SHALL BE SWEEPED DAILY DURING CONSTRUCTION
FOR EROSION CONTROL NOTES SEE SHEET 10
FOR EROSION CONTROL DETAILS SEE SHEET 11

NV15

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858.385.0500 WWW.NV15.COM

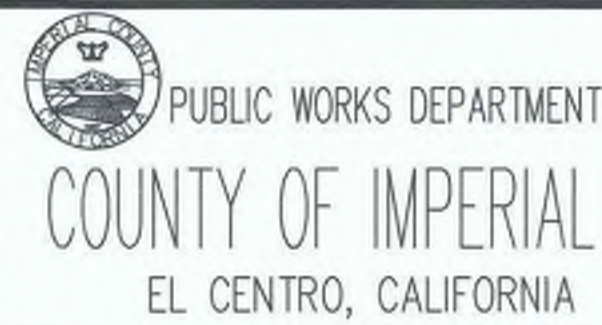
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Darab Bouzarjomehri
DARAB BOUZARJOMEHRI, P.E.
NV5
3/20/24
DATE
54870
R.C.E. No.
6/30/24
REG. EXP.



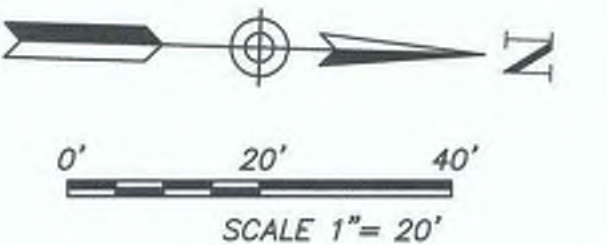
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/26/25
DATE
62028
R.C.E. No.
9/30/25
REG. EXP.

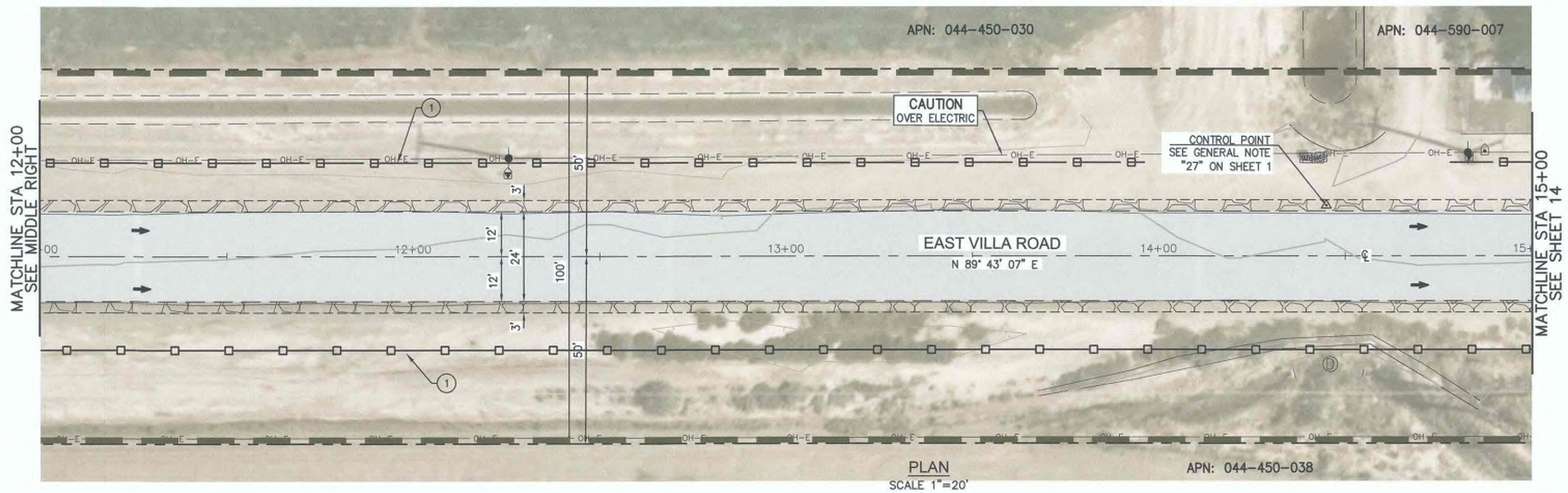
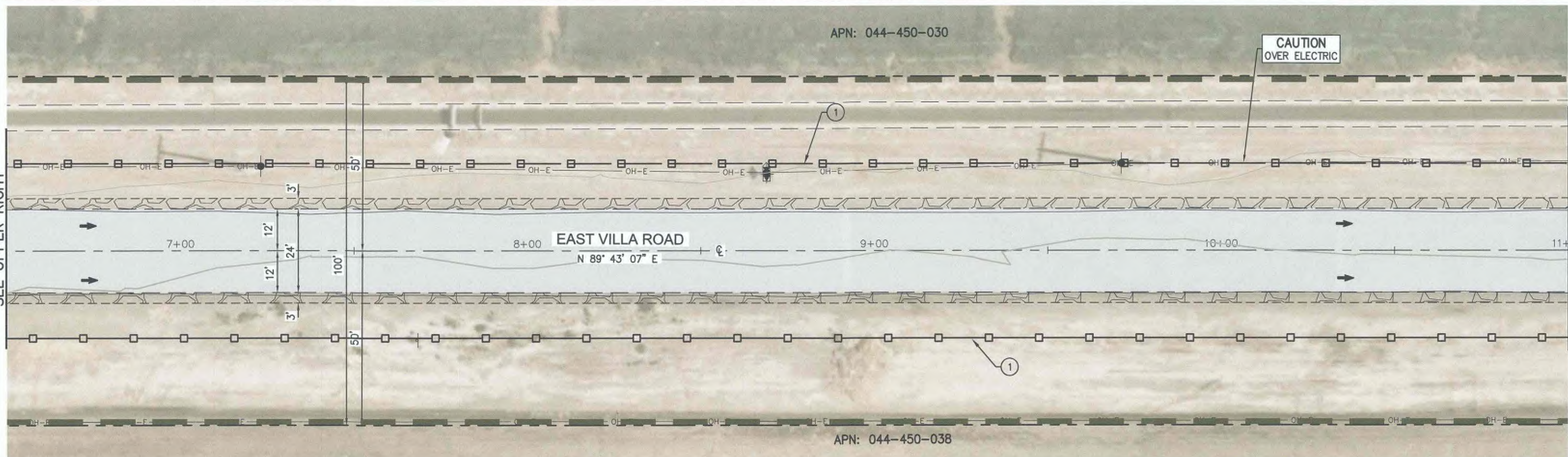
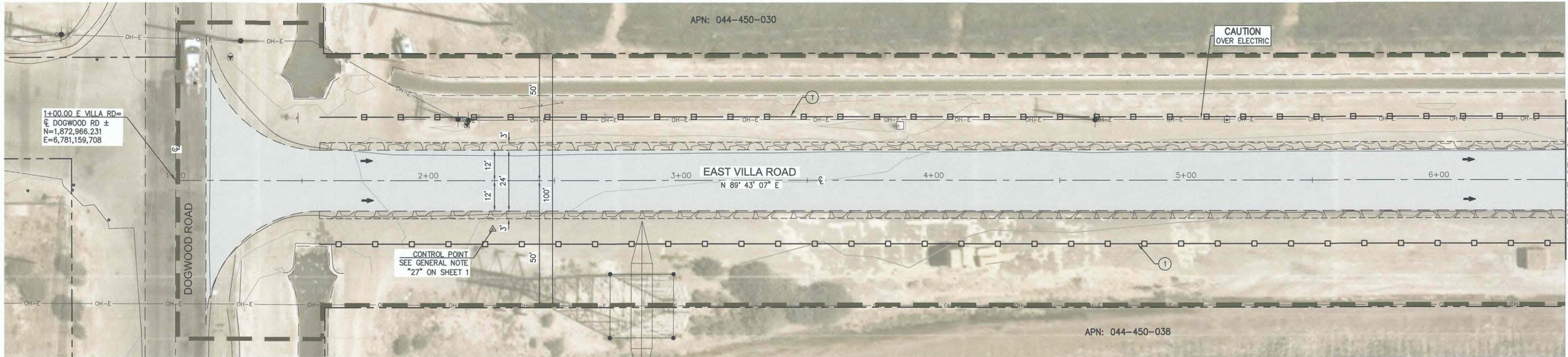


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VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EROSION CONTROL
MCCABE COVE ROAD
REFERENCE
SHEET 12 OF 23





LEGEND

THE FOLLOWING COMPONENTS WILL CHANGE AS CONSTRUCTION PROGRESSES. THE SWPPP MAP MUST BE UPDATED IN THE FIELD TO REFLECT ACTUAL SITE CONDITIONS.

CALTRANS SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL, MAY 2017

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STORM WATER SAMPLING & MONITORING LOCATION			▲
LIMITS OF CONSTRUCTION			—
SURFACE IMPROVEMENTS			—
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HYDRAULIC MULCH, SEE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES INCLUDING SEEDING AND PLANTING	⑥	SS-3, SS-4	—

NOTE:
EAST VILLA ROAD SHALL BE SWEEPED DAILY DURING CONSTRUCTION
FOR EROSION CONTROL NOTES SEE SHEET 10
FOR EROSION CONTROL DETAILS SEE SHEET 11

NV5

15092 AVENUE OF SCIENCE, SUITE 200
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REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Darab Bouzarjomehri, P.E.
NV5
3/20/24
DATE

54870
R.C.E. No.
6/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay, P.E.
ROAD COMMISSIONER
1/24/25
DATE

62028
R.C.E. No.
9/30/25
REG. EXP.



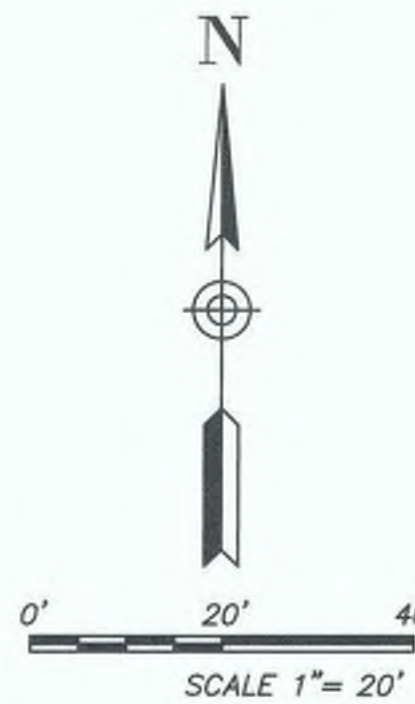
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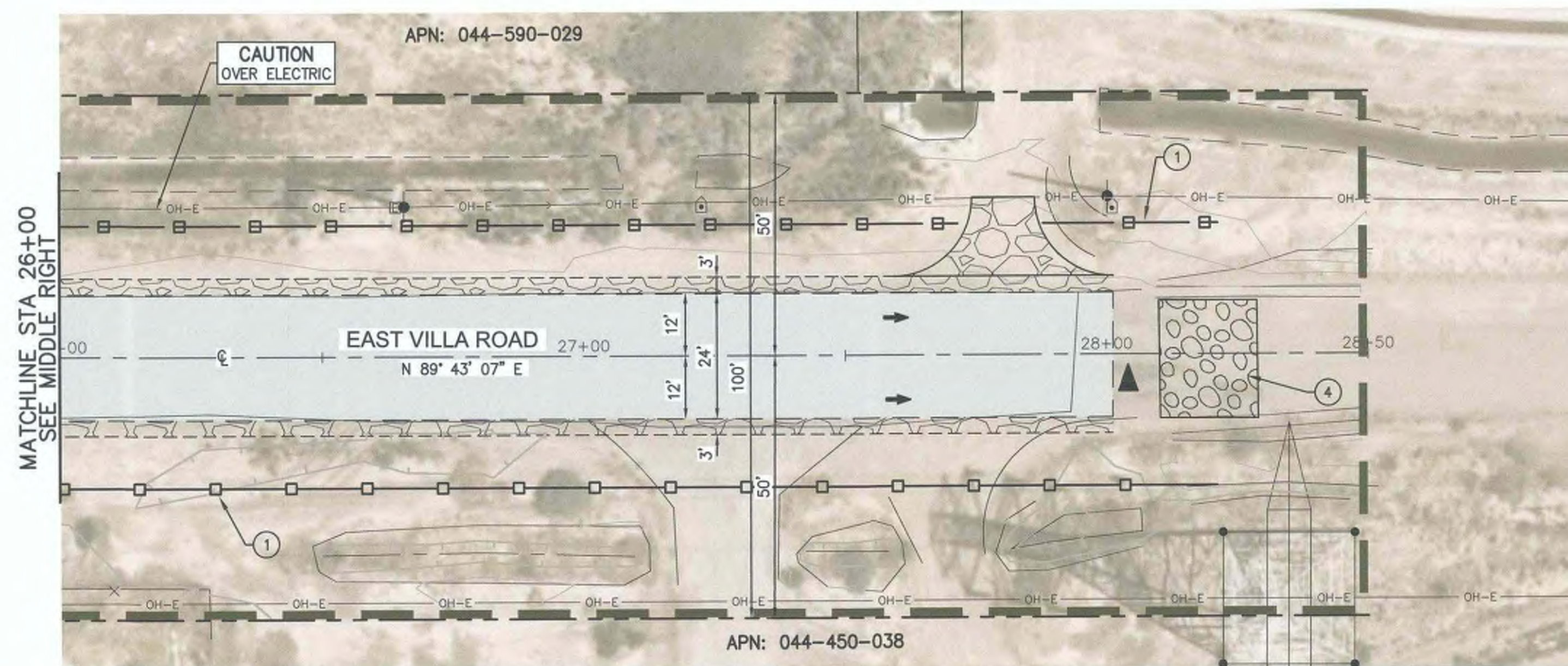
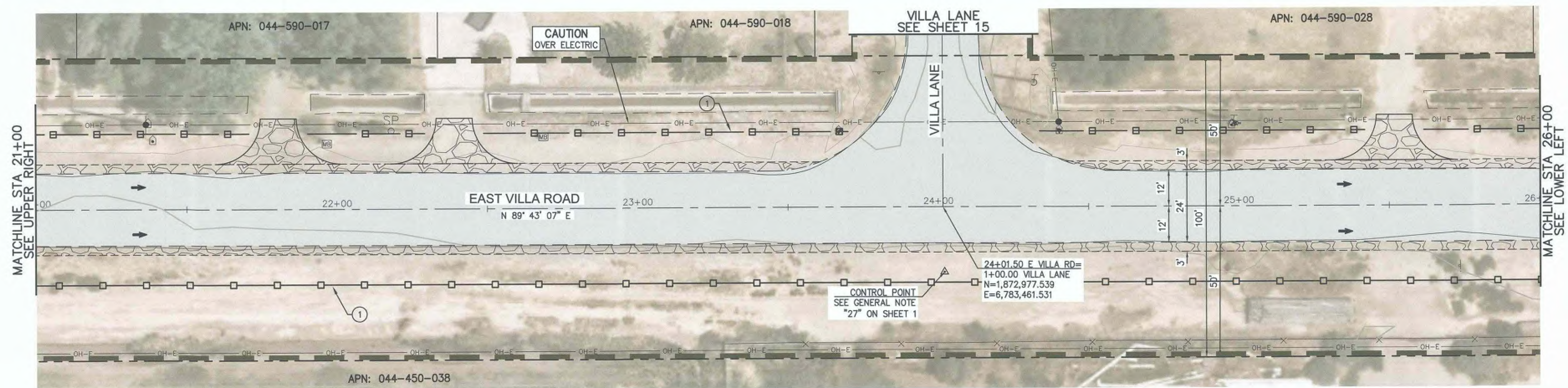
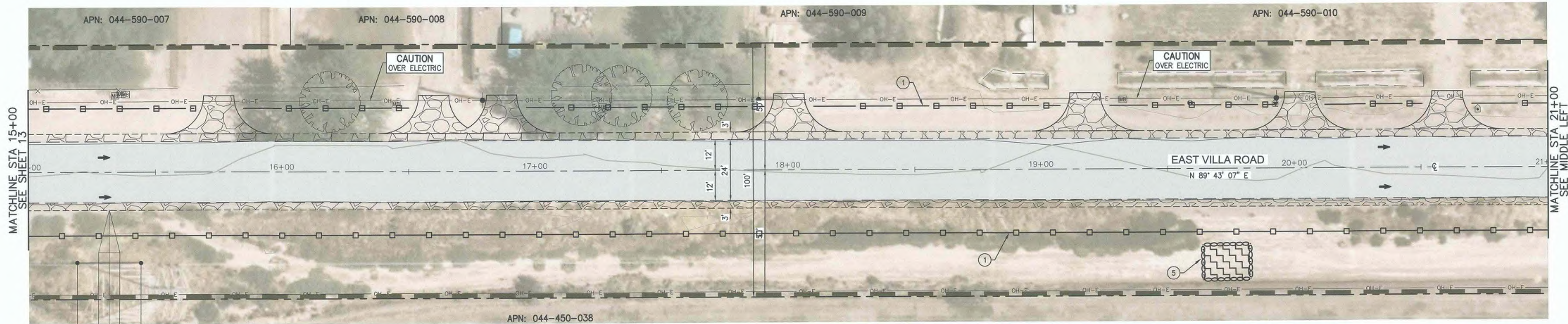
VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EROSION CONTROL
EAST VILLA RD

REFERENCE

SHEET
13 OF 23





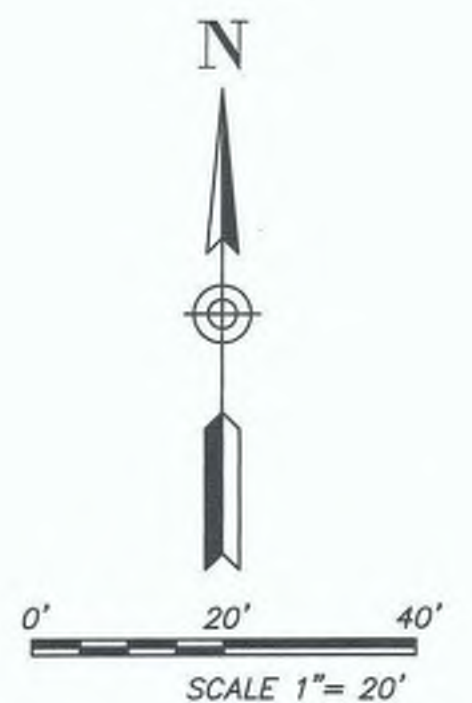
LEGEND

THE FOLLOWING COMPONENTS WILL CHANGE AS CONSTRUCTION PROGRESSES. THE SWPPP MAP MUST BE UPDATED IN THE FIELD TO REFLECT ACTUAL SITE CONDITIONS.

CALTRANS SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL, MAY 2017

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SURFACE FLOW DIRECTION			→
STORM WATER SAMPLING & MONITORING LOCATION			▲
LIMITS OF CONSTRUCTION			---
SURFACE IMPROVEMENTS			
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FIBER ROLLS	② T56	SC-5	— FR — FR —
GRAVEL BAGS, STORM DRAIN INLET PROTECTION	③ T62	SC-10	⊗
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HYDRAULIC MULCH, SEE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES INCLUDING SEEDING AND PLANTING	⑥	SS-3, SS-4	⊗

NOTE:
EAST VILLA ROAD SHALL BE SWEEPED DAILY DURING CONSTRUCTION
FOR EROSION CONTROL NOTES SEE SHEET 10
FOR EROSION CONTROL DETAILS SEE SHEET 11



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SAN DIEGO, CA 92128
P: 858.385.0500 WWW.NV5.COM

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Darab Bouzarjomehri
DARAB BOUZARJOMEHRI, P.E.
NV5
3/20/24
DATE



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/26/25
DATE



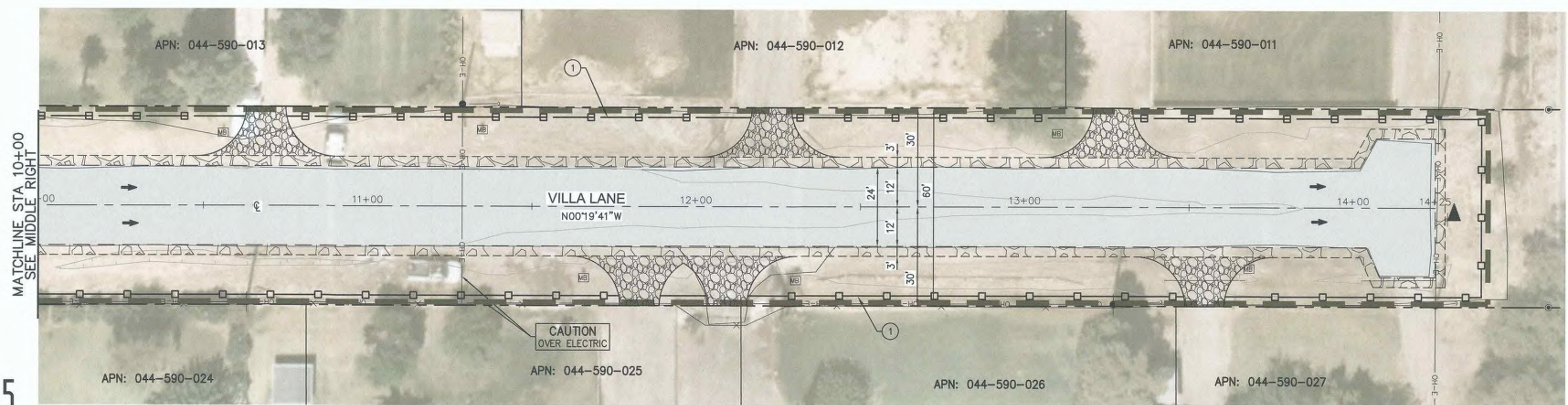
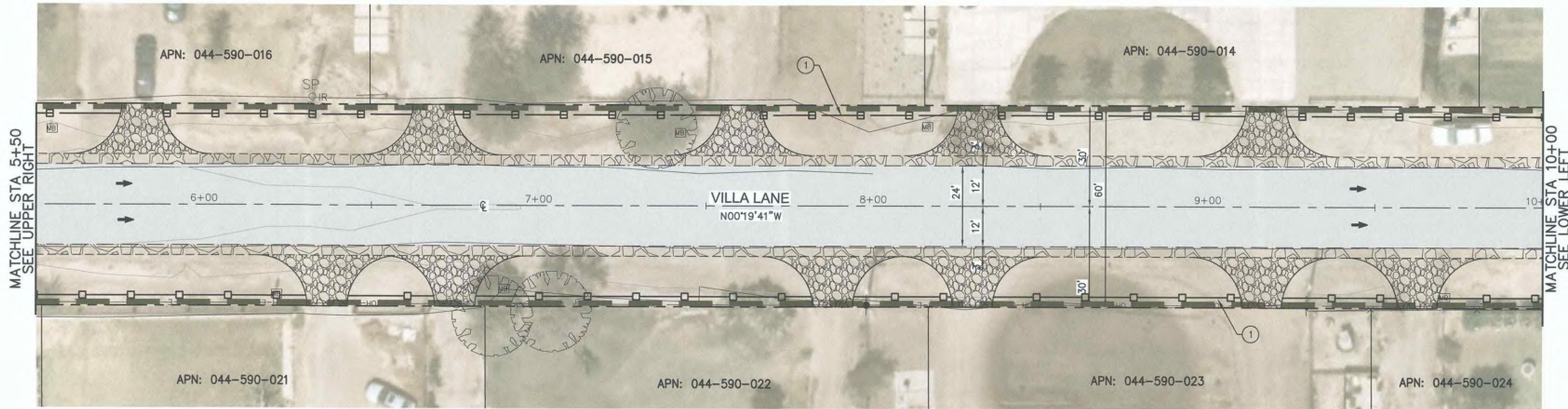
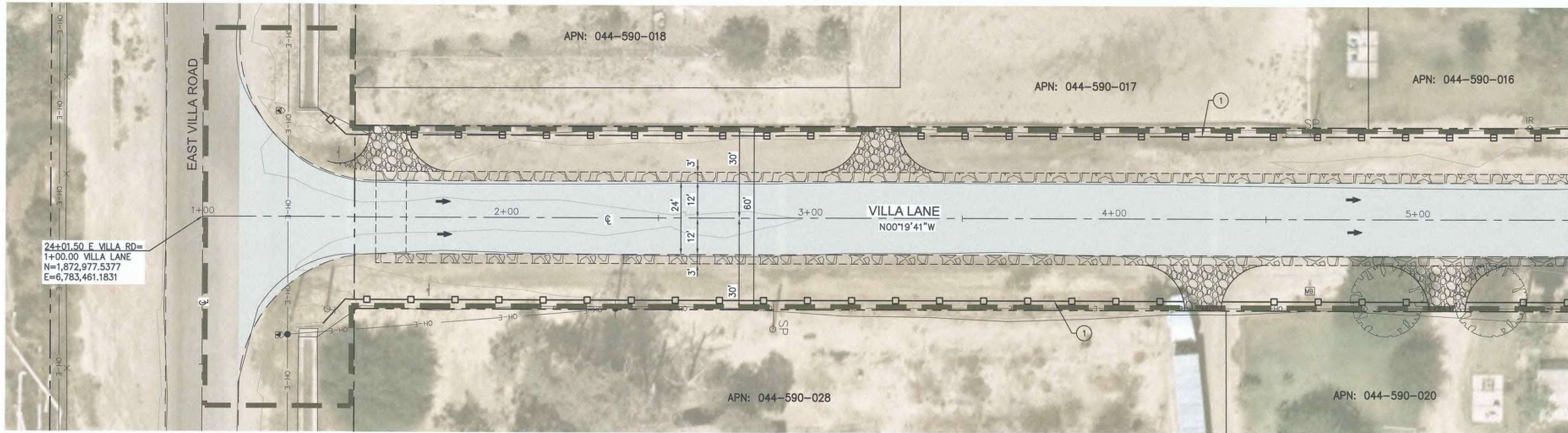
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CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EROSION CONTROL
EAST VILLA RD

REFERENCE

SHEET 14 OF 23



LEGEND

THE FOLLOWING COMPONENTS WILL CHANGE AS CONSTRUCTION PROGRESSES. THE SWPPP MAP MUST BE UPDATED IN THE FIELD TO REFLECT ACTUAL SITE CONDITIONS.

CALTRANS SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL, MAY 2017

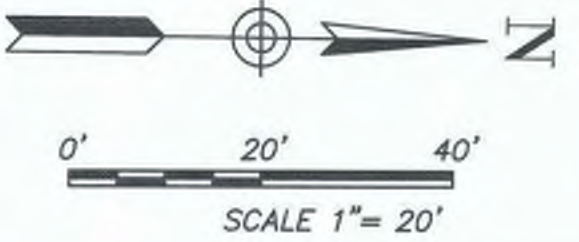
DESCRIPTION	CALTRANS STD. DWG.	CALTRANS BMP ID	SYMBOL
SURFACE FLOW DIRECTION			→
STORM WATER SAMPLING & MONITORING LOCATION			▲
LIMITS OF CONSTRUCTION			---
SURFACE IMPROVEMENTS			
SILT FENCE	① T51	SC-1	— [] —
FIBER ROLLS	② T56	SC-5	— FR — FR —
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STABILIZED CONSTRUCTION ENTRANCE	④ T58	TC-1	[]
WASTE MANAGEMENT & MATERIAL DELIVERY/STORAGE	⑤ T53	WM-1, WM-2, WM-3	[]
HYDRAULIC MULCH, SEE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES INCLUDING SEEDING AND PLANTING	⑥	SS-3, SS-4	[]

NOTE:
EAST VILLA ROAD SHALL BE SWEEP DAILY DURING CONSTRUCTION
FOR EROSION CONTROL NOTES SEE SHEET 10
FOR EROSION CONTROL DETAILS SEE SHEET 11

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15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858.365.0500 WWW.NV5.COM

PLAN
SCALE 1"=20'



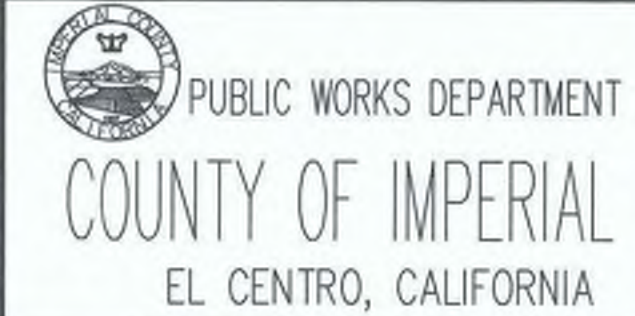
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
Darab Bouzarjomehri, P.E.
NV5
3/20/24
DATE
54870
R.C.E. No.
6/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
John A. Gay, P.E.
ROAD COMMISSIONER
1/21/25
DATE
62028
R.C.E. No.
9/30/25
REG. EXP.



DATE
3/20/24
DRAWN
SD
SCALE
AS SHOWN
CHECKED
DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EROSION CONTROL VILLA LANE	
REFERENCE	SHEET 15 OF 23

EXISTING SIGNS



LEGEND
ITEM

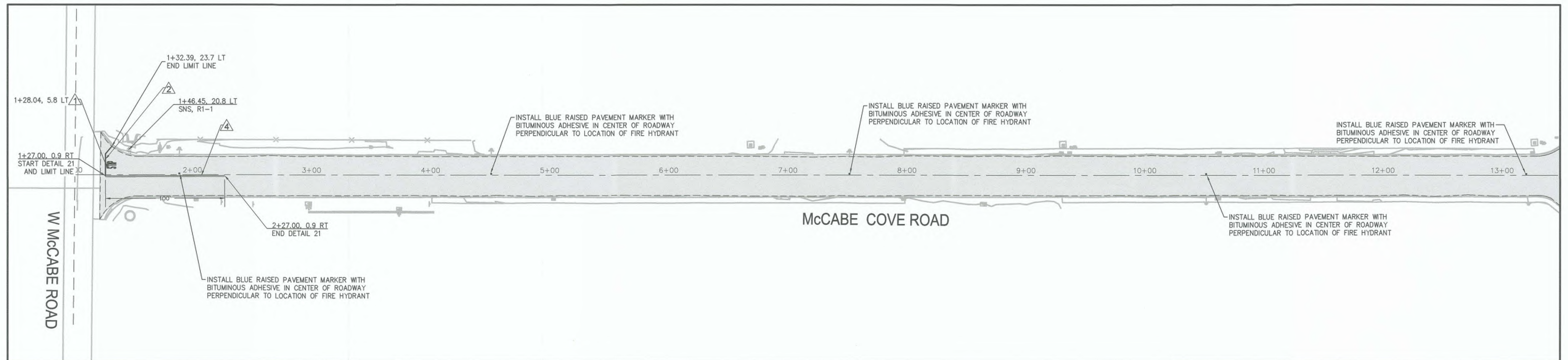
EXISTING ROAD SIGN - ONE POST	SYMBOL
PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D	STOP
PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D	AHEAD
BLUE RAISED PAVEMENT MARKER	

NOTES THIS SHEET

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST VERSION OF THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2023 CALTRANS STANDARDS PLANS AND STANDARD SPECIFICATIONS. SEE CALTRANS STANDARD PLAN A20A A24D AND A24G FOR PAVEMENT MARKING AND TRAFFIC LINE DETAILS.

STRIPING KEYNOTES

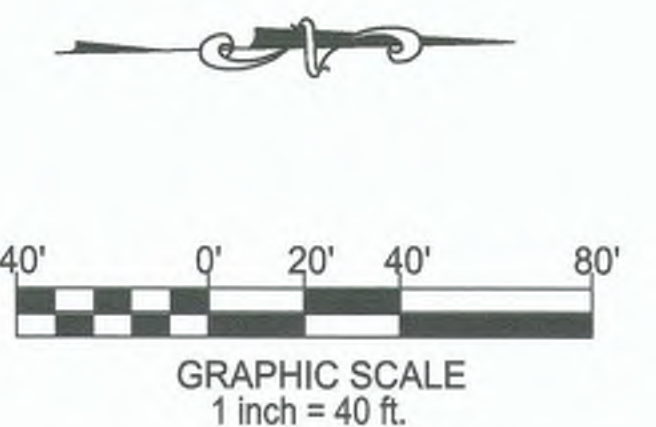
- INSTALL "STOP" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
- INSTALL 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G.
- INSTALL "AHEAD" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
- INSTALL STRIPING DETAIL 21 PER CALTRANS STANDARD PLAN A20A.



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SAN DIEGO, CA 92128
P: 858.360.0500 WWW.NV5.COM

PLAN
SCALE 1" = 40'



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES S. MILLER, P.E.
NV5
3/20/24
DATE

82522
R.C.E. No.
9/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE

62028
R.C.E. No.
9/30/25
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CHECKED	DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

MCCABE COVE RD, EAST VILLA RD
VILLA LANE
SIGNING AND STRIPING

REFERENCE

SHEET 16 OF 23

R1-1

W McCABE COVE ROAD

DOGWOOD ROAD

McCABE ROAD

EAST VILLA ROAD

SNS

VILLA ROAD

W3-1

LEGEND
ITEM

EXISTING ROAD SIGN - ONE POST.

PAVEMENT MARKING
PER CALTRANS STANDARD PLAN A24D

PAVEMENT MARKING
PER CALTRANS STANDARD PLAN A24D

BLUE RAISED PAVEMENT MARKER

SYMBOL



STOP

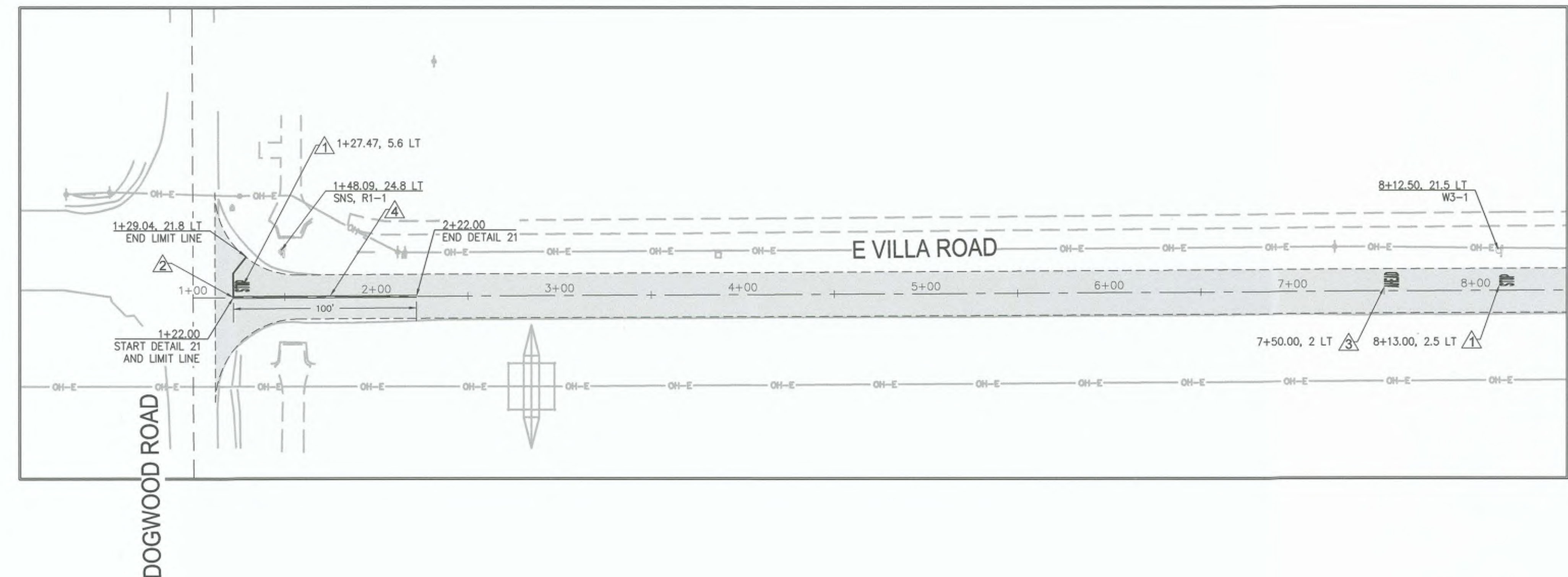
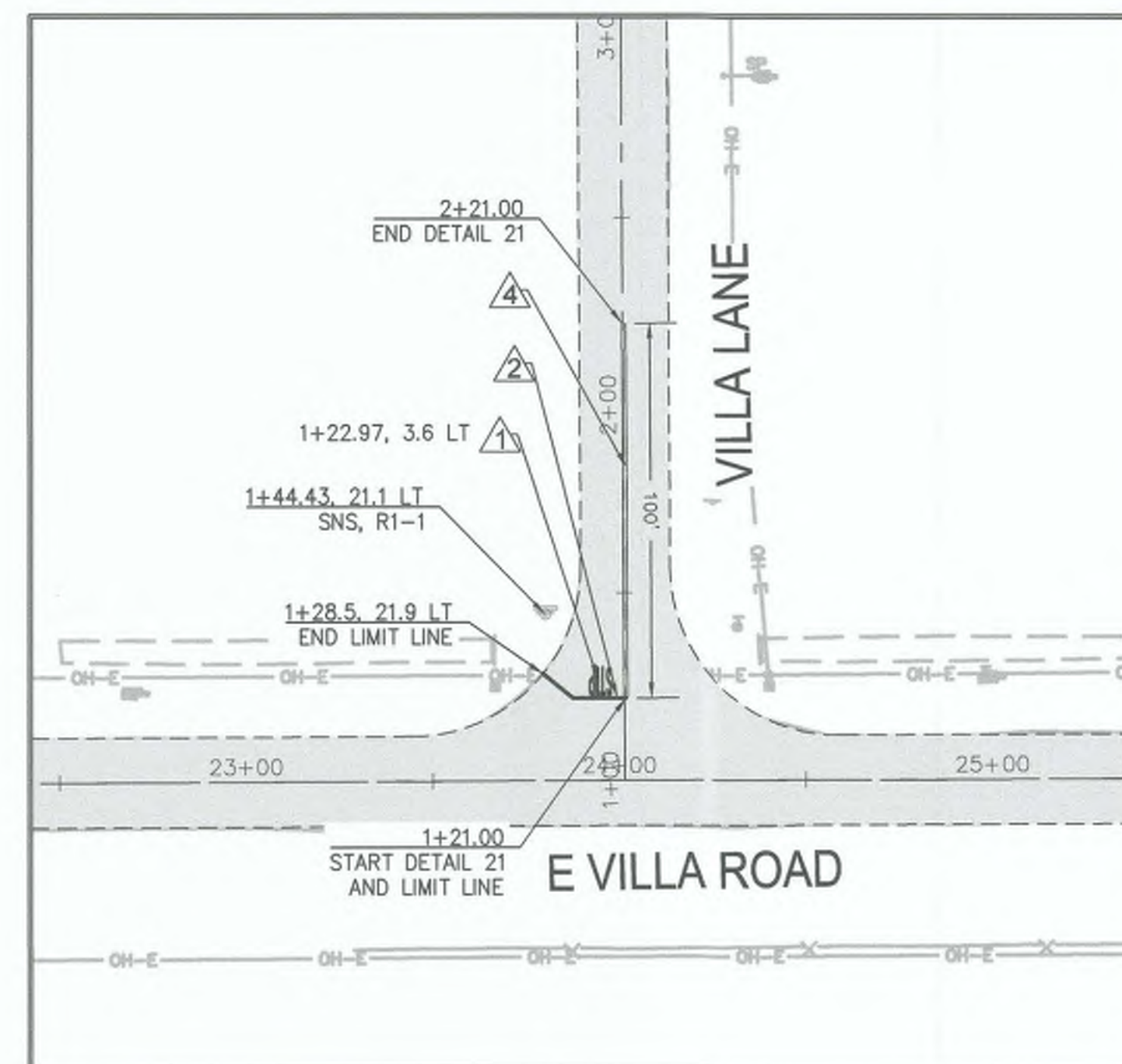
AHEAD

NOTES THIS SHEET

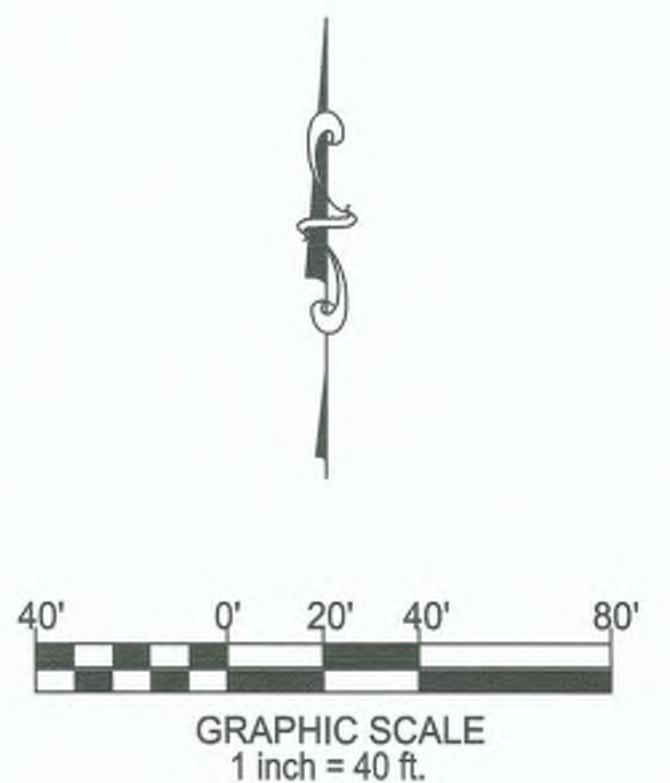
1. ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST VERSION OF THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2023 CALTRANS STANDARDS PLANS AND STANDARD SPECIFICATIONS. SEE CALTRANS STANDARD PLAN A20A A24D AND A24G FOR PAVEMENT MARKING AND TRAFFIC LINE DETAILS.

STRIPING KEYNOTES

- ① INSTALL "STOP" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
- ② INSTALL 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G.
- ③ INSTALL "AHEAD" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
- ④ INSTALL STRIPING DETAIL 21 PER CALTRANS STANDARD PLAN A20A.



PLAN
SCALE 1" = 40'



N|V|5

15092 AVENUE OF SCIENCE, SUITE 200
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[illegible]

PREPARED UNDER THE DIRECT SUPERVISION OF:


JAMES S. MILLER, P.E.
NV5

82522
R.C.E. No

9/30/24
REG. EXP



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:

APPROVED FOR CONSTRUCTION
John A. Gay
JOHN A. GAY, P.E.
ROAD COMMISSIONER

6/26/
DATE

62028
R.C.E. No.

9/30/25
REG. EXP.



 PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE	3/20/24
DRAWN	SD
SCALE	AS SHOWN
CHECKED	DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

MCCABE COVE RD, EAST VILLA RD
VILLA LANE
SIGNING AND STRIPING

REFERENCE

SHEET 17 OF 23

TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



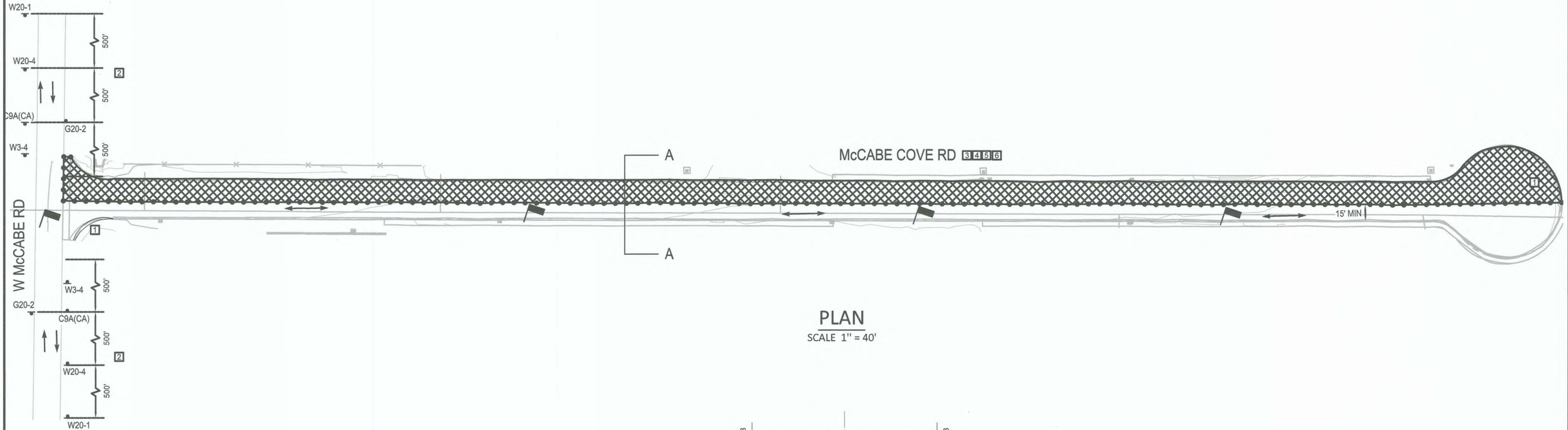
LEGEND (THIS SHEET)

ITEM	SYMBOL
PROPOSED TEMPORARY ROADSIDE SIGN	
TYPE II BARRICADE WITH SIGN	
PORTABLE DELINEATOR	
WORK ZONE	
FLAGGER	
DIRECTION OF TRAFFIC	

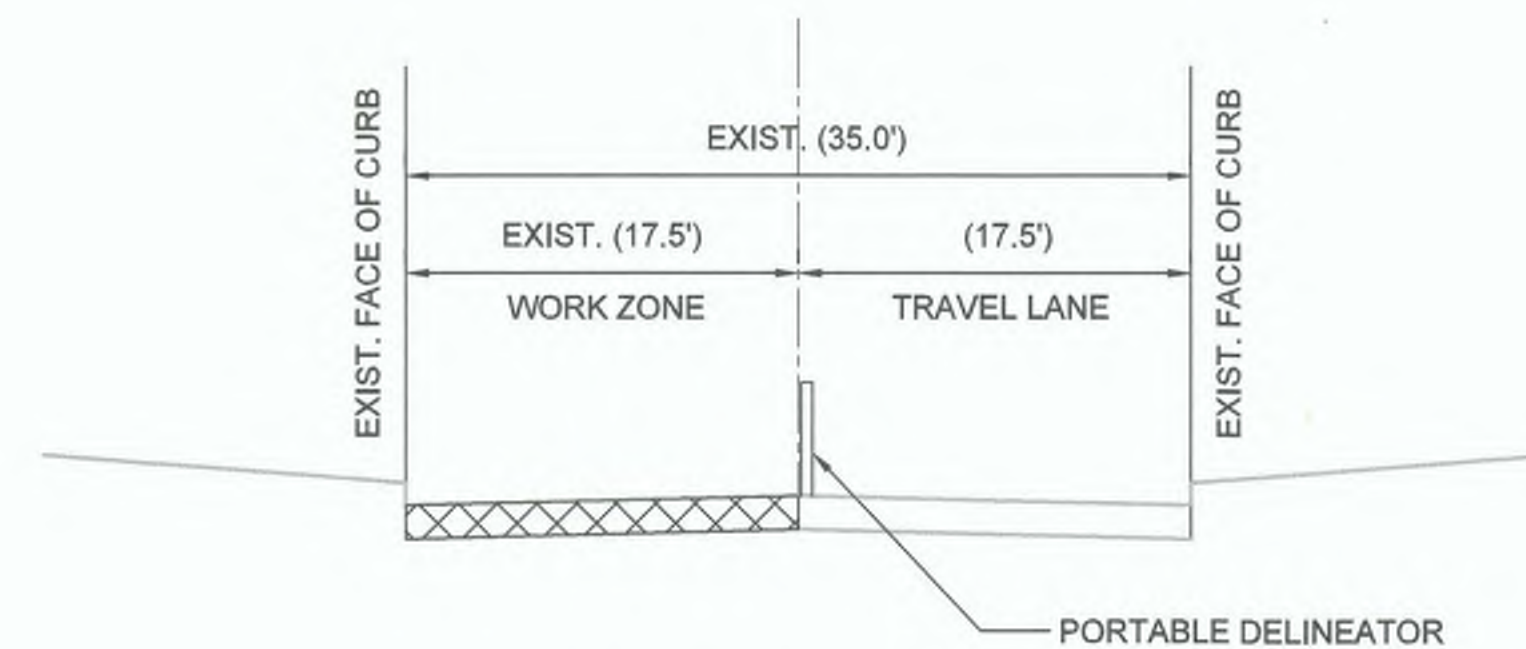
NOTES THIS SHEET

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- 5 FLAGGERS TO ASSIST RESIDENTS ENTERING AND EXISTING DRIVEWAYS.
- 6 TEMPORARY "NO PARKING" SIGNS WITH DATES AND TIME SHALL BE POSTED ON BOTH SIDES OF THE STREET TWO (2) DAYS PRIOR TO COMMENCING WORK.

ROAD REHABILITATION
WORK HOURS: 7:00 AM TO 5:00 PM



PLAN
SCALE 1" = 40'



SECTION A-A
N.T.S



NV5

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
P: 858-350-0500 WWW.NV5.COM

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES S. MILLER, P.E.
NV5
3/20/24
DATE

82522
R.C.E. No.
9/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE

62028
R.C.E. No.
9/30/25
REG. EXP.



DATE	3/20/24
DRAWN	SD
SCALE	AS SHOWN
CHECKED	DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

McCABE COVE ROAD
TRAFFIC CONTROL
(STAGE 1)

REFERENCE

SHEET 18 OF 23

TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



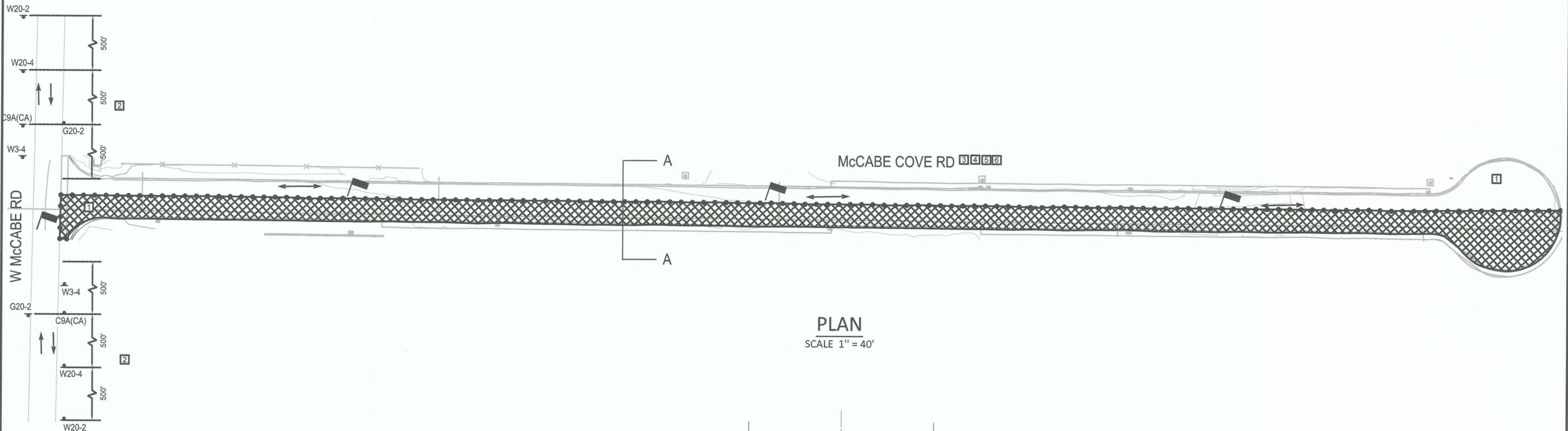
LEGEND (THIS SHEET)

ITEM	SYMBOL
PROPOSED TEMPORARY ROADSIDE SIGN	
TYPE II BARRICADE WITH SIGN	
PORTABLE DELINEATOR	
WORK ZONE	
FLAGGER	
DIRECTION OF TRAFFIC	

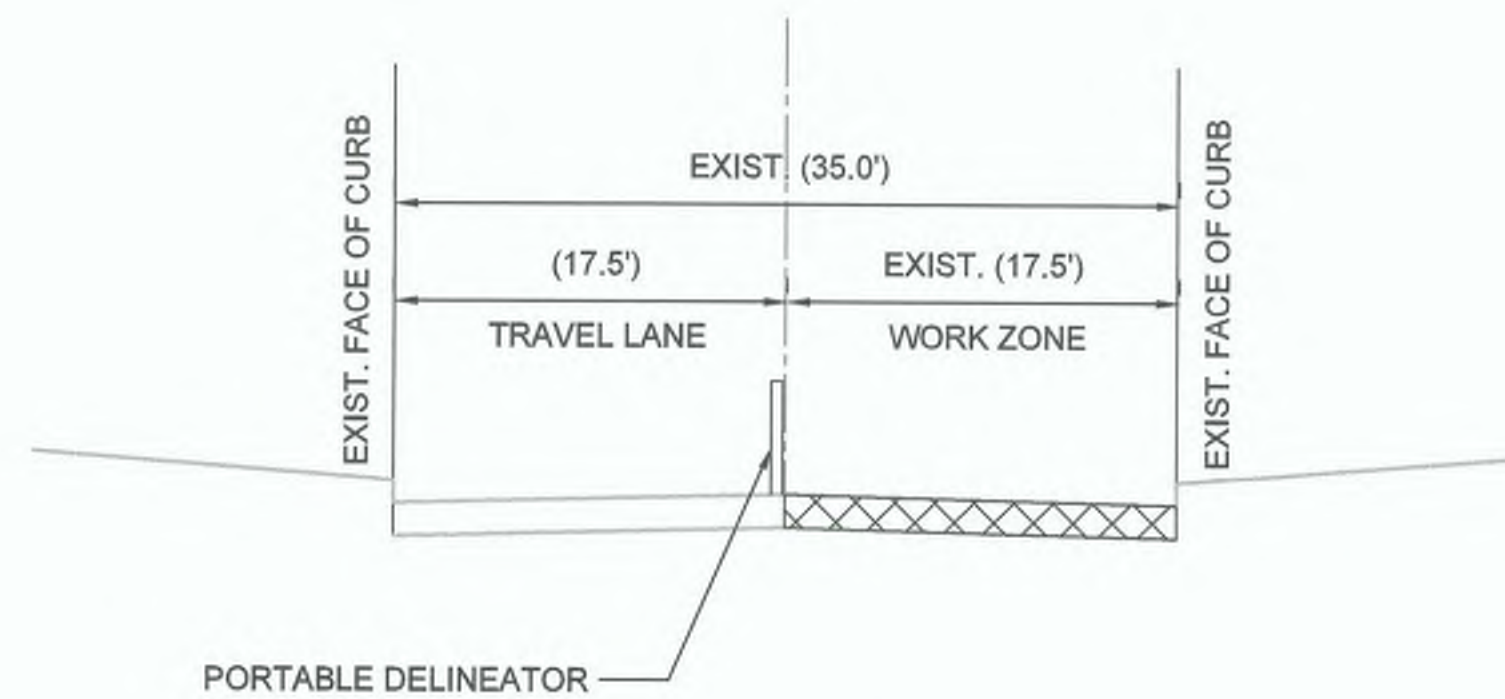
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ROAD REHABILITATION
WORK HOURS: 7:00 AM TO 5:00 PM



PLAN
SCALE 1" = 40'



SECTION A-A
N.T.S.

NV5

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REVISION	DATE	COMMENTS



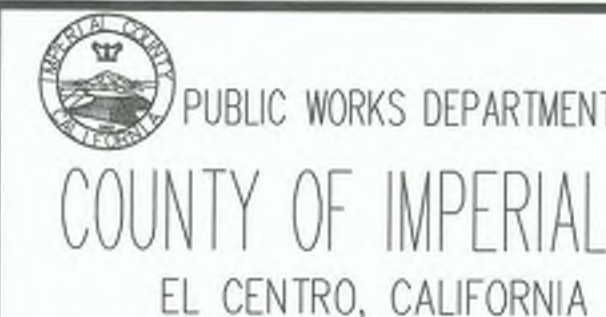
PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES S. MILLER, P.E.
NVS
3/20/24
DATE

82522
R.C.E. No.
9/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE

62028
R.C.E. No.
9/30/25
REG. EXP.



DATE 3/20/24
DRAWN SD
SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

McCABE COVE ROAD
TRAFFIC CONTROL
(STAGE 2)

REFERENCE

SHEET 19 OF 23



GRAPHIC SCALE
1 inch = 40 ft.

TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



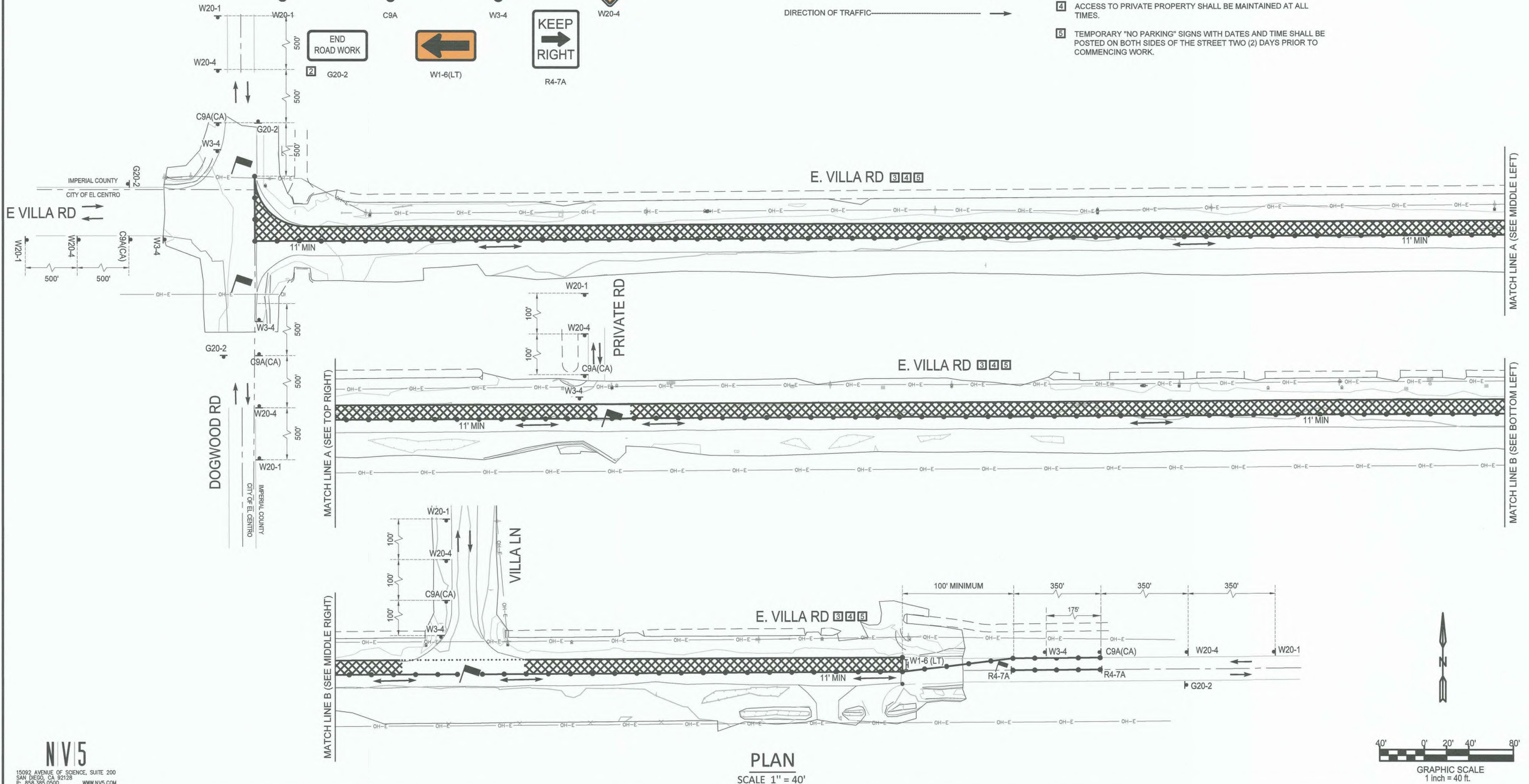
LEGEND (THIS SHEET)

ITEM	SYMBOL
PROPOSED TEMPORARY ROADSIDE SIGN	
TYPE II BARRICADE WITH SIGN	
PORTABLE DELINEATOR	
WORK ZONE	
FLAGGER	
DIRECTION OF TRAFFIC	

NOTES THIS SHEET

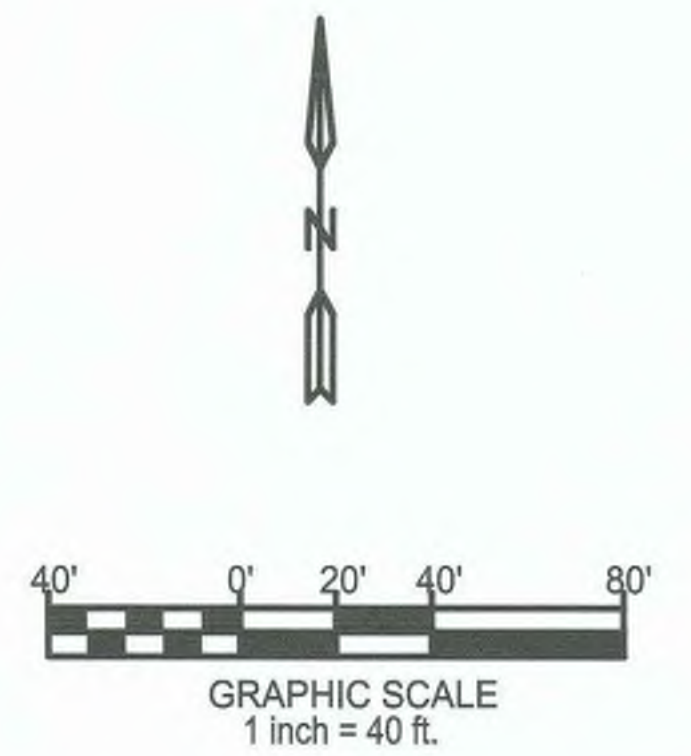
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ROAD REHABILITATION
WORK HOURS: 7:00 AM TO 5:00 PM



PLAN

SCALE 1" = 40'



NV15

15092 AVENUE OF SCIENCE, SUITE 200
SAN DIEGO, CA 92128
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REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES S. MILLER, P.E.
NV5
3/20/24
DATE



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE



DATE 3/20/24
DRAWN SD
SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

EAST VILLA ROAD
TRAFFIC CONTROL
(STAGE 1)

REFERENCE

SHEET 20 OF 23

TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



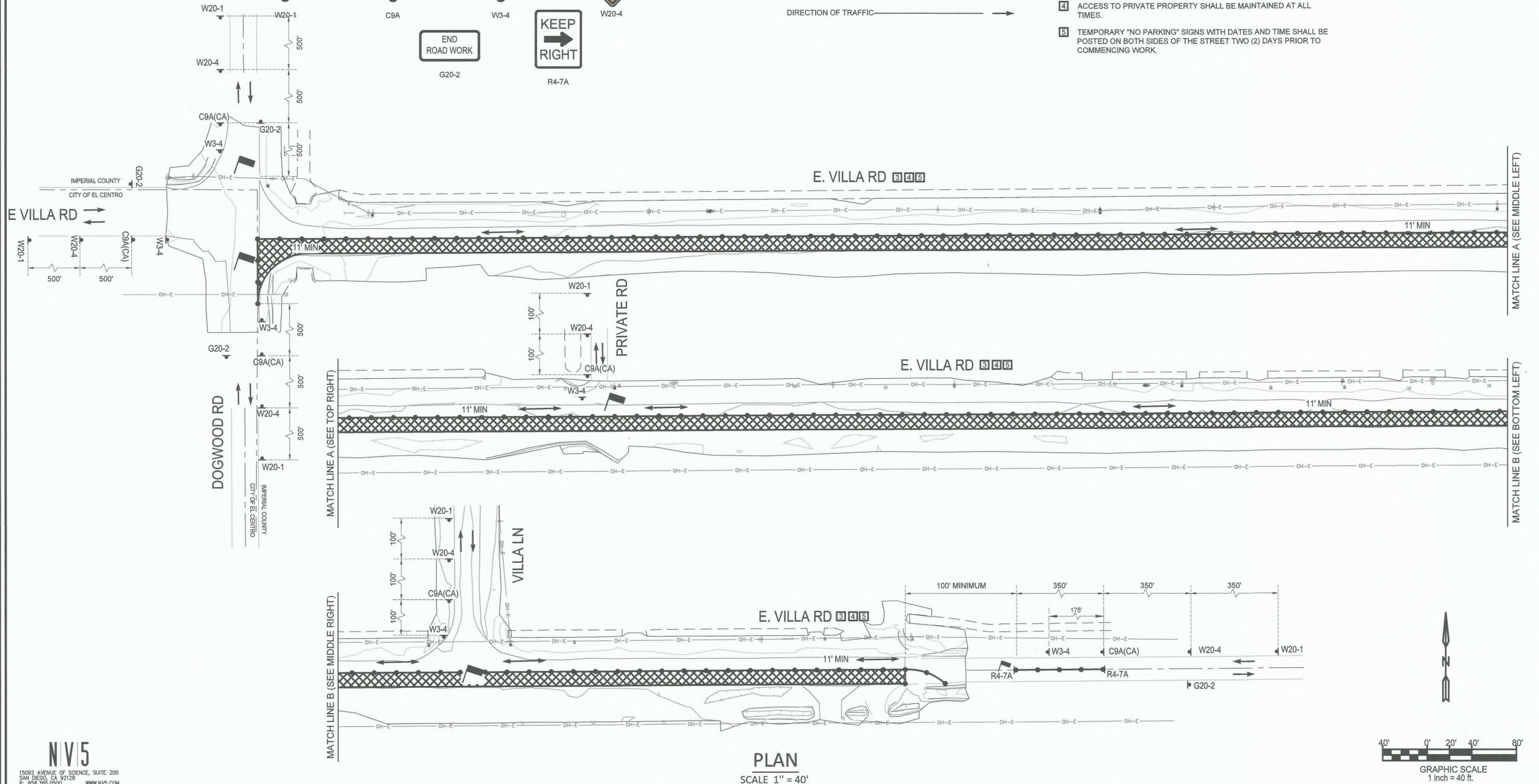
LEGEND (THIS SHEET)

ITEM	SYMBOL
PROPOSED TEMPORARY ROADSIDE SIGN	
TYPE II BARRICADE WITH SIGN	
PORTABLE DELINEATOR	
WORK ZONE	
FLAGGER	
DIRECTION OF TRAFFIC	

NOTES THIS SHEET

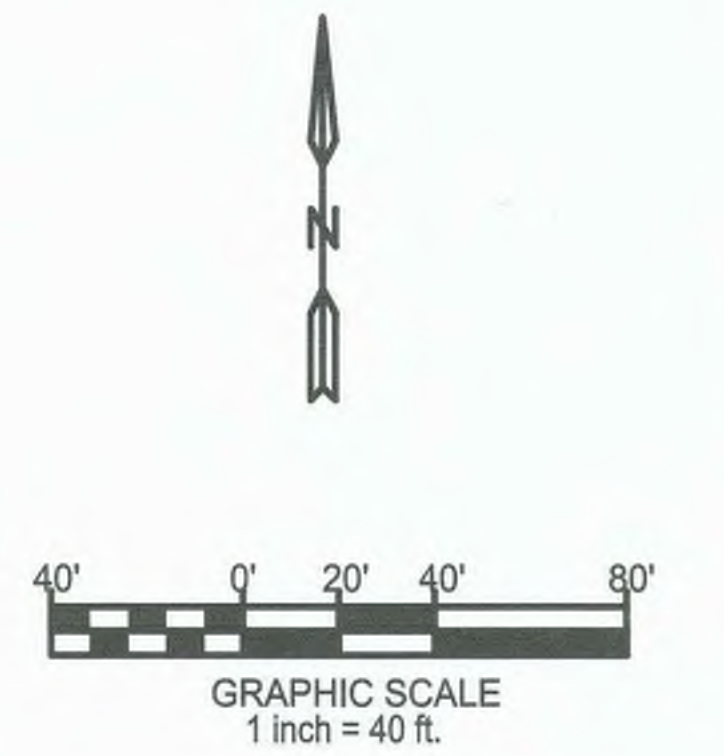
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ROAD REHABILITATION
WORK HOURS: 7:00 AM TO 5:00 PM



PLAN

SCALE 1" = 40'



NV5 15092 AVENUE OF SCIENCE, SUITE 200 SAN DIEGO, CA 92128 P: 656.393.0500 WWW.NV5.COM			PREPARED UNDER THE DIRECT SUPERVISION OF: JAMES S. MILLER, P.E. NV5 3/20/24 DATE		82522 R.C.E. No. 9/30/24 REG. EXP.		COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY: JOHN A. GAY, P.E. ROAD COMMISSIONER 4/26/25 DATE		62028 R.C.E. No. 9/30/25 REG. EXP.		PUBLIC WORKS DEPARTMENT COUNTY OF IMPERIAL EL CENTRO, CALIFORNIA		DATE 3/20/24 DRAWN SD SCALE AS SHOWN CHECKED DB		VARIOUS ROADWAY REHABILITATION COUNTY PROJECTS No. 6862, 6865, AND 6866		EAST VILLA ROAD TRAFFIC CONTROL (STAGE 2)		REFERENCE		SHEET 21 OF 23	
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TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



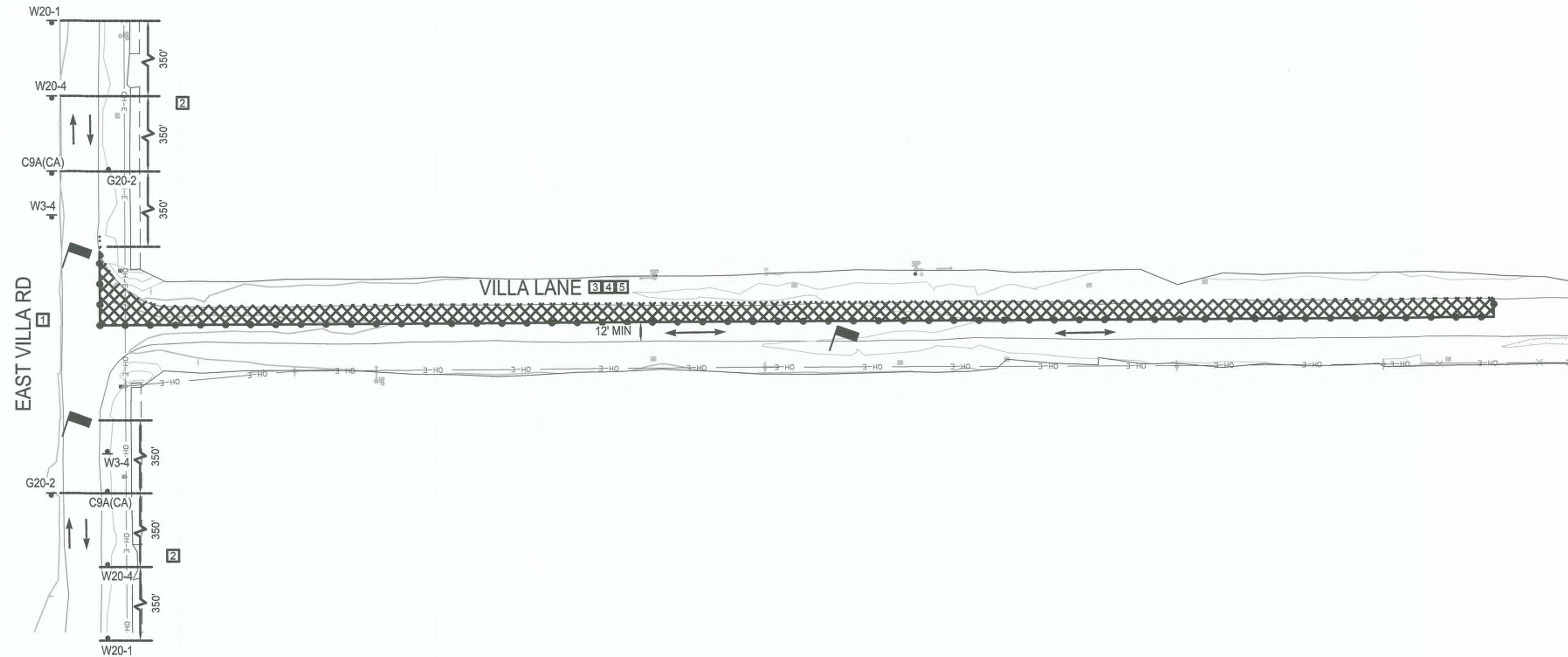
LEGEND (THIS SHEET)

ITEM	SYMBOL
PROPOSED TEMPORARY ROADSIDE SIGN	
TYPE II BARRICADE WITH SIGN	
WORK ZONE	
FLAGGER	
DIRECTION OF TRAFFIC	

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ROAD REHABILITATION
WORK HOURS: 7:00 AM TO 5:00 PM



NV15

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PLAN
SCALE 1" = 40'

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES S. MILLER, P.E.
NV5
3/20/24
DATE

82522
R.C.E. No.
9/30/24
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN A. GAY, P.E.
ROAD COMMISSIONER
1/21/25
DATE

62028
R.C.E. No.
9/30/25
REG. EXP.



DATE
3/20/24
DRAWN
SD
SCALE
AS SHOWN
CHECKED
DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

VILLA LANE
TRAFFIC CONTROL
(STAGE 1)

REFERENCE

SHEET 22 OF 23

TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



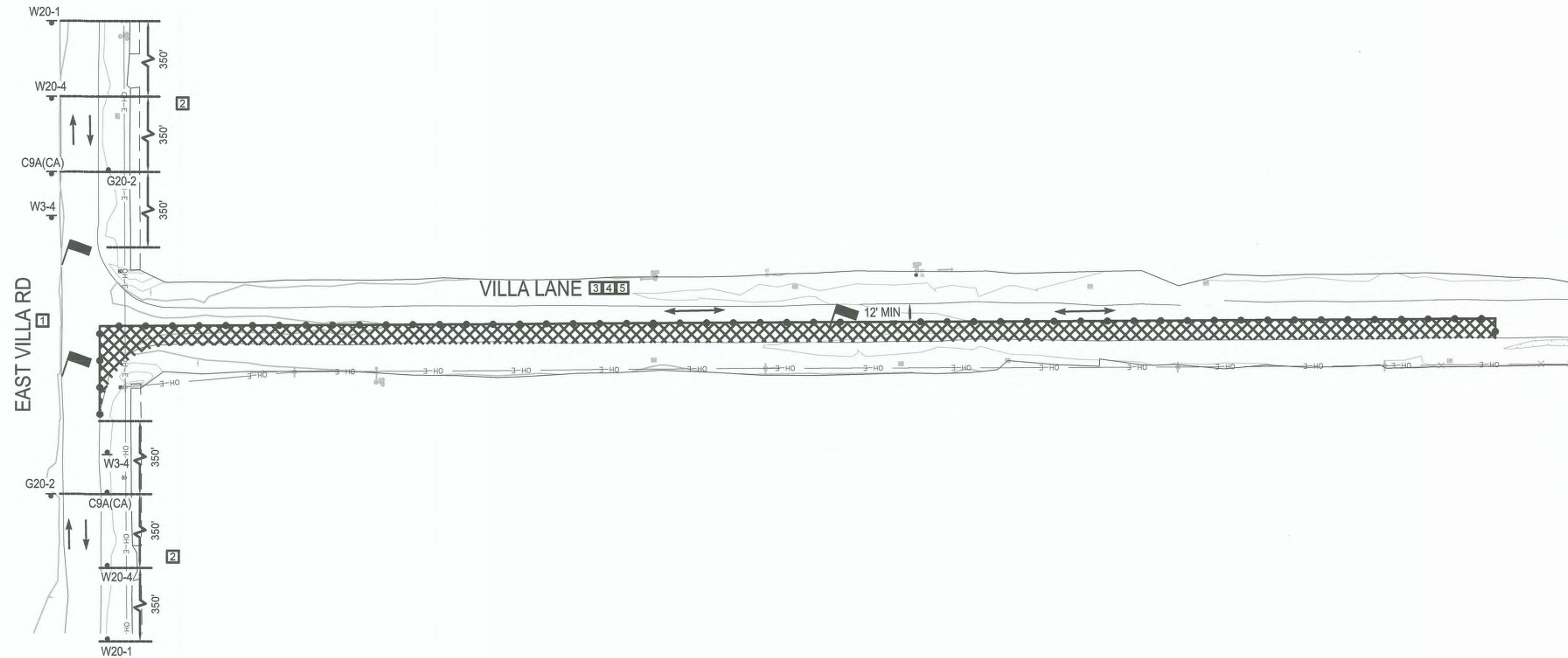
LEGEND (THIS SHEET)

ITEM	SYMBOL
PROPOSED TEMPORARY ROADSIDE SIGN	
TYPE II BARRICADE WITH SIGN	
WORK ZONE	
FLAGGER	
DIRECTION OF TRAFFIC	

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ROAD REHABILITATION
WORK HOURS: 7:00 AM TO 5:00 PM



NV15

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PLAN
SCALE 1" = 40'

40' 0' 20' 40' 80'
GRAPHIC SCALE
1 inch = 40 ft.

REVISION	DATE	COMMENTS



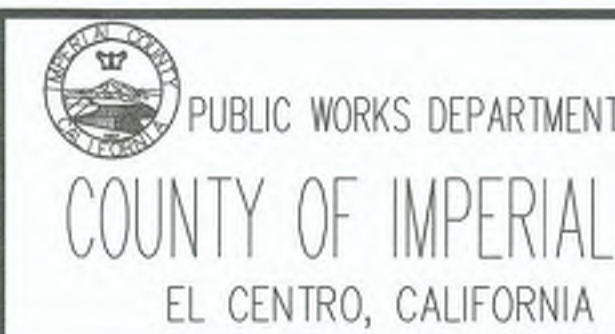
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DATE 3/20/24
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SCALE AS SHOWN
CHECKED DB

VARIOUS ROADWAY REHABILITATION
COUNTY PROJECTS No. 6862,
6865, AND 6866

VILLA LANE
TRAFFIC CONTROL
(STAGE 2)

REFERENCE

SHEET 23 OF 23