



COUNTY OF  
IMPERIAL

DEPARTMENT OF  
PUBLIC WORKS

155 S. 11th Street  
El Centro, CA  
92243

Tel: (442) 265-1818  
Fax: (442) 265-1858

Follow Us:



[www.facebook.com/  
ImperialCountyDPW/](https://www.facebook.com/ImperialCountyDPW/)



[https://twitter.com/  
CountyDpw/](https://twitter.com/CountyDpw/)



*Public Works works for the Public*

## COUNTY OF IMPERIAL PUBLIC WORKS

**Imperial County Road Rehabilitation for Various County Roads at Gateway of the Americas: County Project No. 6622GTW.**

### ADDENDUM NO. 1

**July 10, 2025**

This *ADDENDUM* is hereby made part of the Contract Documents and specifications to the same extent as if originally included therein, and shall be signed by the Bidder and included with the proposal.

1. The Improvement Plans Set (sheets 1-21) dated June 2, 2025, is hereby Replaced with attached Improvement Plans Set (Sheets 1-20) dated June 24, 2025.
2. Location Map (Page 6 of Specifications) is hereby replaced with the revised Location Map (See attached Revised Location Map)

*Atando V. FOR*

John A. Gay, P.E.

Director of Public Works

### Acknowledgement of Addendum No. 1

The general contractor is responsible for advising any and all subcontractors of this change. Each bidder must acknowledge receipt of this addendum in the noted space below and where indicated on the Bidder's Proposal Section of the Special Provisions. This Addendum must be attached to the proposal.

License No: \_\_\_\_\_

Print or Type Company Name: \_\_\_\_\_

Print or Type Authorized Name: \_\_\_\_\_

Authorized Signature of Contractor: \_\_\_\_\_

Date Signed: \_\_\_\_\_





# COUNTY OF IMPERIAL

## ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS COUNTY PROJECT NO. 6622GTW



### GENERAL NOTES

#### STREET IMPROVEMENT GENERAL NOTES

- COUNTY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
- THE STRUCTURAL SECTIONS SHALL BE IN ACCORDANCE WITH IMPERIAL COUNTY STANDARDS (OR CALTRANS IF IN STATE ROW) AND AS APPROVED BY THE PUBLIC WORKS DIRECTOR (OR CALTRANS).
- APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
- ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS-GUTTER AND PAVING.
- 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 WHICH 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 REVISION 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.

GAS:	TELEPHONE NO.	811
ID POWER:	TELEPHONE NO.	(760) 339-9280
ID WATER:	TELEPHONE NO.	(760) 339-9283
AT&T TELEPHONE:	TELEPHONE NO.	(800) 422-4133
SPECTRUM:	TELEPHONE NO.	(760)

#### 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 CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, 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.

IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.

CONSTRUCT A PUBLIC STREET LIGHT SYSTEM CONFORMING TO APPROPRIATE STANDARDS AND STREET LIGHT SPECIFICATIONS. POWER SOURCES AND RUNS SHALL BE SHOWN ON THE "AS-BUILT" IMPROVEMENT DRAWINGS. ALL POWER SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY OR EASEMENT.

NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.

PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. COUNTY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.

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 CONSTRUCTION OF ONE PCC STANDARD DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER OF WORK. PCC SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE UNLESS OTHERWISE SHOWN.

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, (760) 482-4462. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEIR CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVE.

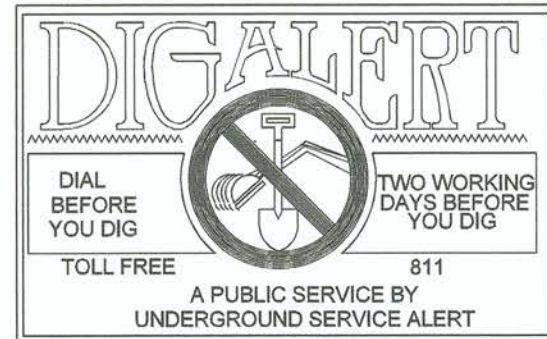
- NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE COUNTY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION 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 2006". 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 1977, SACRAMENTO, CALIFORNIA, 95812".
- CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNER/DEVELOPERS ARE 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.
- AS DETERMINED BY THE COUNTY PUBLIC WORKS DIRECTOR/ROAD COMMISSIONER, THE DEVELOPER IS RESPONSIBLE, AS A MINIMUM, FOR ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.
- 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.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT WORK AREA TRAFFIC CONTROL HANDBOOK OR AS DIRECTED BY THE IMPERIAL COUNTY TRAFFIC ENGINEER.
- ANY EXISTING SURVEY MONUMENTS OR COUNTY RECOGNIZED BENCHMARKS SHALL BE PROTECTED BY THE CONTRACTOR. SHOULD ANY SUCH MONUMENTS OR BENCHMARKS BE REMOVED, DAMAGED, OBLITERATED OR ALTERED BY THE CONTRACTORS OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER RESETTling OF THE SAME AS PER THE SUBDIVISION MAP ACT, THE PROFESSIONAL LAND SURVEYORS ACT AND THE SATISFACTION OF THE COUNTY SURVEYOR/DIRECTOR OF PUBLIC WORKS. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY AS APPROPRIATE SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER.
- 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.
- THE NOTES LISTED ABOVE ARE A MINIMUM LIST. THIS DOES NOT RELIEVE THE ENGINEER FROM COMPLYING ADDITIONAL NOTES THAT MAY BE REQUIRED FOR THE PROJECT.

#### GRADING PLAN GENERAL NOTES

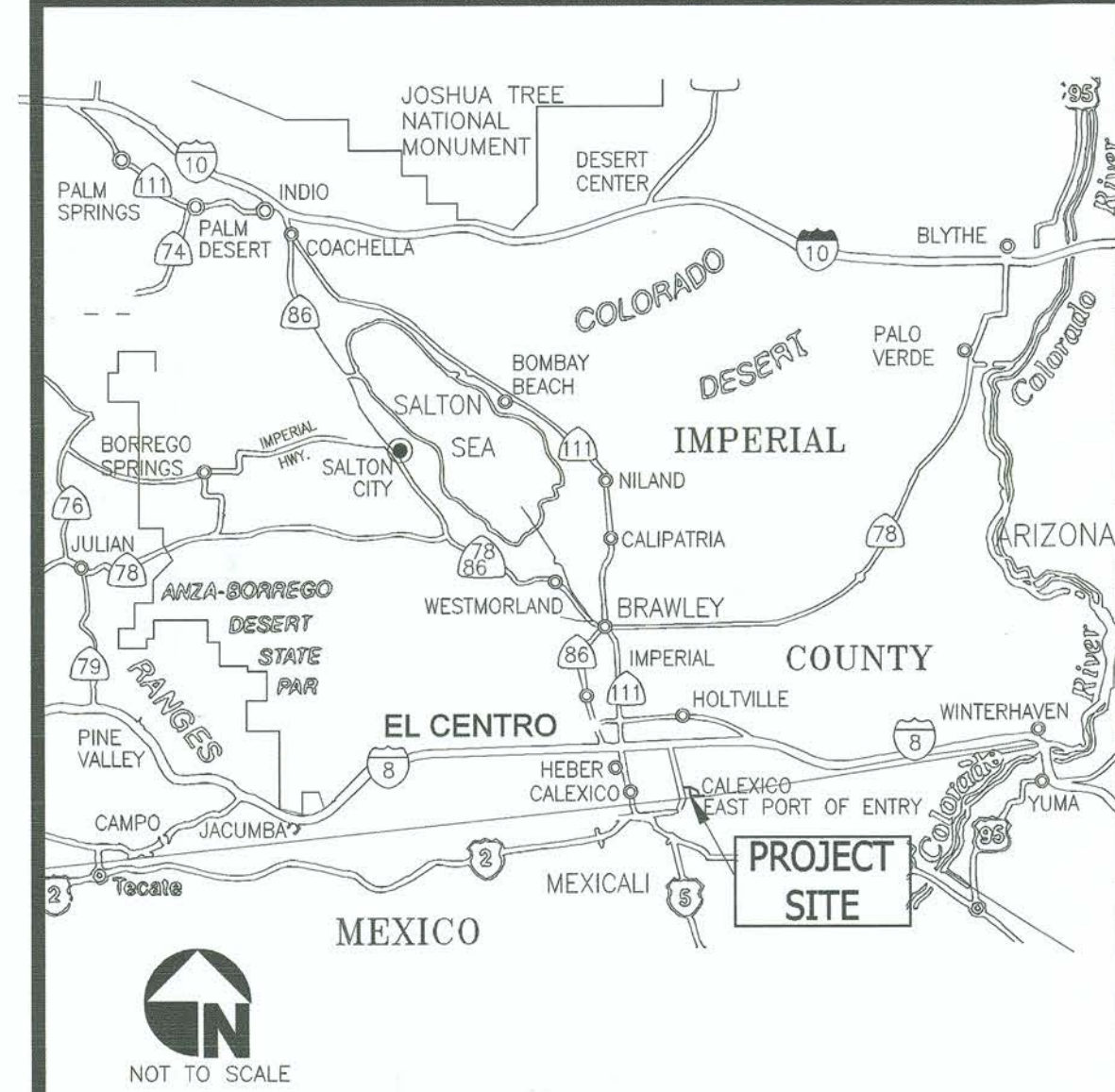
- APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
- FINAL APPROVAL OF THESE GRADING PLANS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE. FINAL CURB GRADE ELEVATIONS MAY REQUIRE CHANGES IN THESE PLANS.
- IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
- 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, (760) 482-4462. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEIR CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE COUNTY DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES:

GAS:	TELEPHONE NO.	811
ID POWER:	TELEPHONE NO.	(760) 339-9280
ID WATER:	TELEPHONE NO.	(760) 339-9283
AT&T TELEPHONE:	TELEPHONE NO.	(800) 422-4133
SPECTRUM:	TELEPHONE NO.	(760)
CITY OF BRAWLEY PUBLIC WORKS:	TELEPHONE NO.	(760) 344-5800

- A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT AND/OR GRADING PLAN APPROVAL.
- APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED AND VALID GRADING PERMIT HAS BEEN ISSUED BY THE COUNTY PLANNING DEPARTMENT.
- THE DIRECTOR OF PUBLIC WORKS' APPROVAL OF THESE PLANS DOES NOT CONSTITUTE COUNTY BUILDING OFFICIAL APPROVAL OF ANY FOUNDATION FOR STRUCTURES TO BE PLACED ON THE ITEMS COVERED BY THESE PLANS, INCLUDING ANY ONSITE OR PERIMETER SCREEN OR RETAINING WALLS.
- 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 GRADING PLANS, THE PERMITTEE 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 GRADING DESCRIBED ON THE PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
- SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING OPERATION, SUCH OPERATION WILL CEASE IMMEDIATELY AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF THE PLANNING DEPARTMENT AND THE DISCOVERY, GRADING OPERATION WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PLANNING TO DO SO.
- THE CONSTRUCTION OF ONE PCC STANDARD DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER OF WORK AND APPROVED BY COUNTY PUBLIC WORKS INSPECTOR. PCC SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE.
- ALL GRADING SHALL CONFORM TO THE UNIFORM BUILDING CODE APPENDIX CHAP. 33, AS AMENDED BY TITLE 9 LAND USE ORDINANCE.
- ALL PROPERTY CORNERS SHALL BE CLEARLY DELINEATED IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION AND/OR GRADING.
- DURING ROUGH GRADING 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.
- DUST SHALL BE CONTROLLED IN ACCORDANCE WITH THE APPROVED PM10 PLAN. APPROVAL SHALL BE BY IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT.
- 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.
- A 5' WIDE BY 1' HIGH BERM, OR EQUIVALENT, SHALL BE CONSTRUCTED ALONG THE TOP OF ALL FILL SLOPES OVER 5' IN VERTICAL HEIGHT. ALL SLOPES LESS THAN OR EQUAL TO 5' SHALL HAVE A BERM TO PREVENT DRAINAGE FROM ERODING SAME.
- A BROW DITCH DESIGNED TO HANDLE THE FLOWS (Q) FROM A 100-YR. STORM EVENT SHALL BE CONSTRUCTED ALONG THE TOP OF ALL CUT SLOPES.
- 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 GRADING OPERATIONS.
- THE FINISHED GRADE SHALL BE SLOPED AWAY FROM ALL EXTERIOR BUILDING WALLS AT NOT LESS THAN 4% (1/2" PER FOOT) FOR A MINIMUM OF 3 FEET, UNLESS A SOIL REPORT PROVIDES ALTERNATE RECOMMENDATIONS.
- A SUITABLY QUALIFIED AND REGISTERED ENGINEER OR SURVEYOR SHALL SUBMIT A WRITTEN CERTIFICATION TO THE PUBLIC WORKS DEPARTMENT THAT THE FINAL GRADING HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS FOR ALL GRADING DESIGNATED AS "ENGINEERED GRADING". AS-BUILT PLANS SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF REQUESTING A FINISH LOT GRADE AND DRAINAGE INSPECTION. THIS INSPECTION MUST BE APPROVED PRIOR TO THE BUILDING PERMIT FINAL INSPECTION BY PUBLIC WORKS FOR EACH LOT.
- THE CONTRACTOR SHALL NOTIFY "UNDERGROUND SERVICE ALERT" AT 811 A MINIMUM OF TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY DIGGING OR EXCAVATION.



### VICINITY MAP



### ABBREVIATIONS

AGG.	AGGREGATE	MIN	MINIMUM
Asph.	ASPHALT	N	NORTH
B.M.	BENCHMARK	N/O	NORTH OF
CL OR CL	CENTERLINE	N.T.S.	NOT TO SCALE
CLR	CLEARANCE	OHE	OVER HEAD ELECTRIC
CONC.	CONCRETE	PROP.	PROPOSED
E	EAST	R/W OR ROW	RIGHT-OF-WAY
E/O	EAST OF	RD	ROAD
E.P.	EDGE OF PAVEMENT	S	SEWER
EL. OR ELEV.	ELEVATION	SD	STORM DRAIN
EX. OR EXIST.	EXISTING	T.P.	TOP OF PAVEMENT
F.L.	FLOW LINE	THK.	THICK
F.S.	FINISH SURFACE	TYP	TYPICAL
L.F.	LINEAL FEET	W	WATER
MAX	MAXIMUM	W/O	WEST OF

TOPOGRAPHICAL FIELD SURVEY AND AERIAL SURVEY CONDUCTED BY DYNAMIC CONSULTING ENGINEERS ON DECEMBER 2018  
MAP AND DIGITAL DATA PREPARED FOR: COUNTY OF IMPERIAL  
SURVEY GROUND CONTROL PROVIDED BY: DYNAMIC CONSULTING ENGINEERS, INC.

#### 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.

	6/20/2025
CARLOS BELTRAN, P.E.	DATE
R.C.E. 69121	
EXP. DATE: 08/30/2026	

### 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 ASPHALT	---
6	PROP. EDGE OF ASPHALT	---
7	EX. ASPHALT CONCRETE	---
8	PROP. ASPHALT CONCRETE	---
9	EDGE OF DIRT	---
10	CONCRETE SECTION	---
11	ROAD STRIPING	---
12	CONTOURS - MAJOR	---
13	CONTOURS - MINOR	---
14	CONTROL	---
15	SPOT ELEVATION	△ N-17 + 961.44
16	BENCHMARK (SEE DESCRIPTION)	△ 967.06±
17	BORROW PIT ELEVATIONS	---
18	PROPOSED BORROW PIT	---
19	LIMIT OF RECONSTRUCTION	---

### SHEET INDEX

- TITLE SHEET AND GENERAL NOTES
- KEY MAP
- LOS ALAMOS ROAD
- PAN AMERICAN ROAD
- ROOD ROAD STA 10+55 TO STA 33+00
- ROOD ROAD STA 33+00 TO STA 47+75
- ZINETTA ROAD
- MENVIELLE ROAD
- NINA LEE ROAD
- MAGGIO ROAD
- TRAFFIC CONTROL PLAN GENERAL NOTES
- TRAFFIC CONTROL PLAN PAN AMERICAN ROAD AND LOS ALAMOS ROAD
- TRAFFIC CONTROL PLAN ZINETTA ROAD
- TRAFFIC CONTROL PLAN ROOD ROAD
- TRAFFIC CONTROL PLAN MAGGIO ROAD PHASE 1 DETOUR PLAN
- TRAFFIC CONTROL PLAN MAGGIO ROAD PHASE 2 DETOUR PLAN
- TRAFFIC CONTROL PLAN MENVIELLE ROAD PHASE 1
- TRAFFIC CONTROL PLAN MENVIELLE ROAD PHASE 2
- TRAFFIC CONTROL PLAN NINA LEE ROAD
- DETAILS

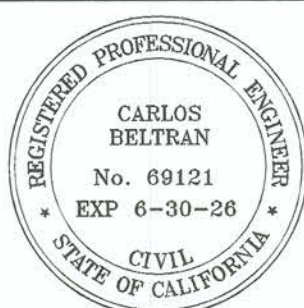
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL, CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:

CARLOS BELTRAN, P.E.

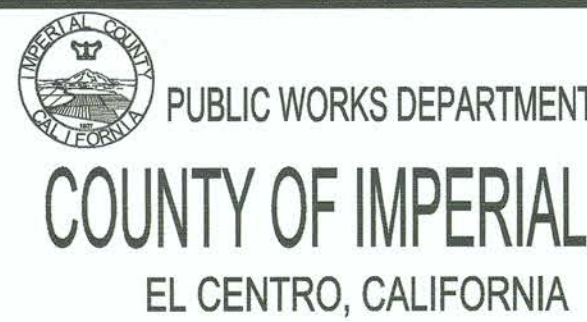
6/20/2025	06/30/2026
DATE	REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:

JOHN A. GAY, P.E.

6/24/25	09/30/2025
DATE	REG. EXP.



DATE	6/20/2025
DRAWN	DB, FM
SCALE	AS SHOWN
CHECKED	CB

**ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS**

**COUNTY PROJECT NO. 6622GTW**

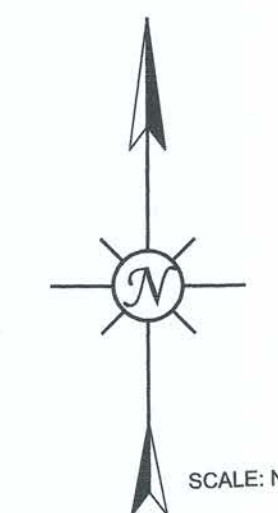
#### TITLE SHEET

REFERENCE

**R-999**

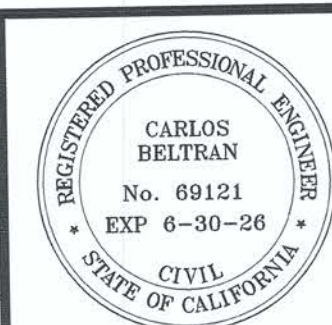
PAGE  
1 OF 20





**Dynamic** CONSULTING ENGINEERS  
 CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
 2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
 IMPERIAL CA. 92251  
 TEL. (760) 545-0162 FAX (760) 545-0163

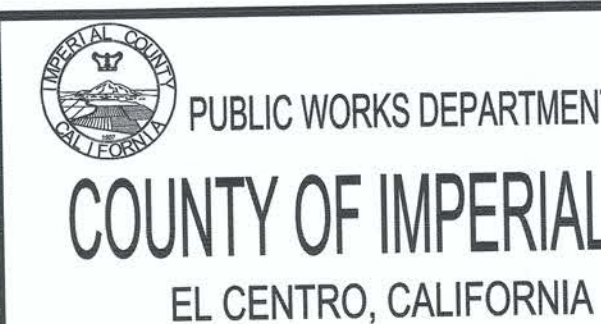
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
 CARLOS BELTRAN, P.E.  
 DATE 6/20/2025  
 69121 R.C.E. No.  
 06/30/2026 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
 JOHN A. GAY, P.E.  
 DATE 6/24/25  
 62028 R.C.E. No.  
 09/30/2025 REG. EXP.



DATE 6/20/2025  
 DRAWN DB, FM  
 SCALE AS SHOWN  
 CHECKED CB

**ROAD REHABILITATION PROJECT FOR  
 VARIOUS COUNTY ROADS  
 AT GATEWAY OF THE AMERICAS**  
 COUNTY PROJECT NO. 6622GTW

KEY MAP	
REFERENCE R-999	PAGE 2 OF 20







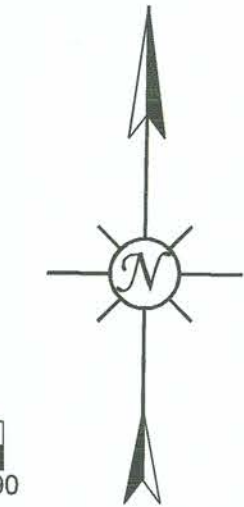
LEGEND

- TYPE II SLURRY SEAL
- 2" GRIND AND AC OVERLAY
- DIG OUT AREA. NEW AC AND CLASS II BASE

- 2 EXISTING WATER VALVE TO REMAIN.
- 3 EXISTING SIDEWALK TO REMAIN.
- 4 EXISTING CURB AND GUTTER TO REMAIN.
- 5 EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.
- 6 EXISTING SIGN TO REMAIN.
- 7 EXISTING CATCH BASIN TO REMAIN.
- 8 EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.
- 9 EXISTING WATER METER TO REMAIN.
- 10 EXISTING WATER FIRE HYDRANT TO REMAIN.
- 11 EXISTING WATER LINE TO REMAIN.
- 12 EXISTING SEWER LINE/MANHOLE TO REMAIN.
- 13 EXISTING UTILITY MANHOLE TO REMAIN.
- 14 EXISTING ELECTRICAL METER TO REMAIN.
- 15 EXISTING UTILITY BOX/METER TO REMAIN.
- 16 EXISTING AC DIKE TO REMAIN.
- 17 EXISTING STRIPING OR MARKING TO REMAIN.

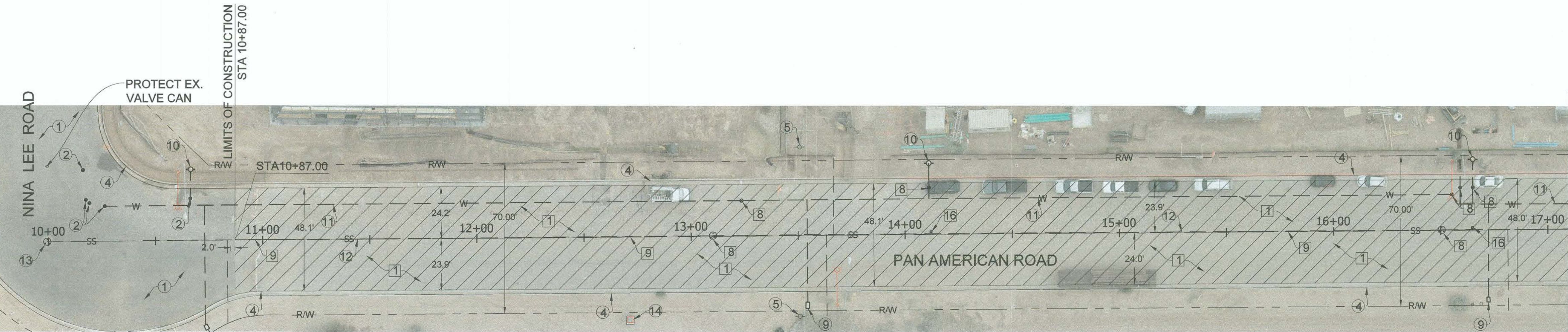
- CONSTRUCTION KEYNOTES
- 1 INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.
- 6 INSTALL 12 INCH WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- 7 INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.
- 8 PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.
- 9 INSTALL YELLOW CENTER LINE PER CALTRANS STANDARD PLAN A20A DETAIL 1.
- 10 COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 0.20-FOOT PER CONSTRUCTION PAVEMENT EXTENSION JOINT PER DETAIL C ON SHEET 21. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL.
- 11 REMOVE EXISTING AC PAVEMENT FAILURE AREA AND UNDERLYING BASE MATERIAL AND REPLACE WITH NEW AC PAVEMENT OVER CLASS II BASE PER DETAIL D (DIG OUT DETAIL) ON SHEET 20.
- 16 INSTALL FIRE HYDRANT BLUE MARKER

- CONSTRUCTION NOTES:
- SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.
- WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.
- ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.
- ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.
- PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY. CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.
- SURVEY MONUMENTS WITHIN SLURRY AREA
- A PER SECTION 8771(b) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.
- PER SECTION 8771(c) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.



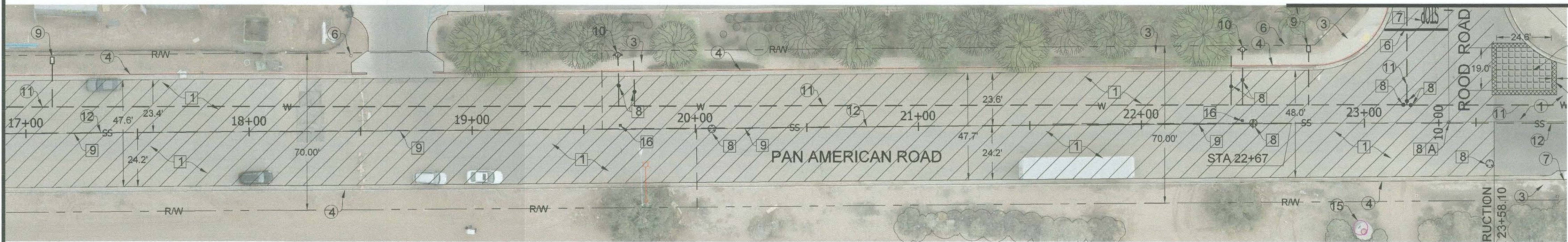
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251  
TEL. (760) 545-0162 FAX (760) 545-0163



PAN AMERICAN ROAD  
STA 10+87 TO STA 17+00

SEE SHEET 5  
MATCH LINE - ROOD RD STA 10+50



PAN AMERICAN ROAD  
STA 17+00 TO STA 23+58.10

REV.	DATE	REVISION DESCRIPTION	PREPARED UNDER THE DIRECT SUPERVISION OF:		COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT		PUBLIC WORKS DEPARTMENT		ROAD REHABILITATION PROJECT FOR		PAN AMERICAN ROAD	
			CARLOS BELTRAN, P.E.		APPROVED FOR CONSTRUCTION BY:		COUNTY OF IMPERIAL		VARIOUS COUNTY ROADS		REFERENCE	
			6/20/2025		JOHN A. GAY, P.E.		EL CENTRO, CALIFORNIA		AT GATEWAY OF THE AMERICAS		R-999	
			DATE		DATE		DATE		COUNTY PROJECT NO. 6622GTW		PAGE	
			06/30/2026		06/24/25		09/30/2025				4 OF 20	
			REG. EXP.		REG. EXP.		REG. EXP.					



SEE SHEET 4  
MATCH LINE - ROOD RD STA 10+50

SEE TOP RIGHT  
MATCH LINE - STA 17+75

SEE MIDDLE RIGHT  
MATCH LINE - STA 25+50

MATCH LINE - STA 17+75  
SEE MIDDLE LEFT

MATCH LINE - STA 25+50  
SEE BOTTOM LEFT

MATCH LINE - STA 33+00  
SEE SHEET 6

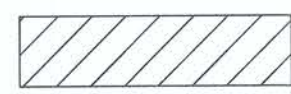
**ROOD ROAD  
STA 10+50 TO STA 17+75**

**ROOD ROAD  
STA 17+75 TO STA 25+50**

**ROOD ROAD  
STA 25+50 TO STA 33+00**

**LEGEND**

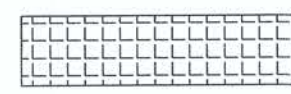
TYPE II SLURRY SEAL



2" GRIND AND AC OVERLAY



DIG OUT AREA. NEW AC AND  
CLASS II BASE



SURVEY MONUMENTS WITHIN SLURRY AREA

A PER SECTION 8771(b) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.

PER SECTION 8771(c) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.

**CONSTRUCTION NOTES:**

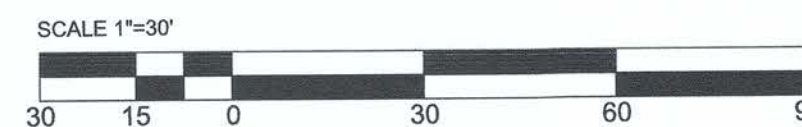
SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.

WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.

ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.

ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.

PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY, CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.



- EXISTING WATER VALVE TO REMAIN.
- EXISTING SIDEWALK TO REMAIN.
- EXISTING CURB AND GUTTER TO REMAIN.
- EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.
- EXISTING SIGN TO REMAIN.
- EXISTING CATCH BASIN TO REMAIN.
- EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.
- EXISTING WATER METER TO REMAIN.
- EXISTING WATER FIRE HYDRANT TO REMAIN.
- EXISTING WATER LINE TO REMAIN.
- EXISTING SEWER LINE/MAHOLE TO REMAIN.
- EXISTING UTILITY MANHOLE TO REMAIN.
- EXISTING ELECTRICAL METER TO REMAIN.
- EXISTING UTILITY BOX/METER TO REMAIN.
- EXISTING AC DIKE TO REMAIN.
- EXISTING STRIPING OR MARKING TO REMAIN.

**CONSTRUCTION KEYNOTES**

- INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 2-INCHES. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL. AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED, CLEAN AND SWEEP ROADWAY. ALL CRACKS SHALL BE CLEANED FROM DEBRIS. AFTER SWEEPING ACTIVITIES HAVE BEEN COMPLETED CRACK SEAL THE EXISTING A.C. PAVEMENT. AFTER CRACK SEALANT AND STREET CLEANING HAS BEEN COMPLETED, INSTALL 2 INCHES OF TYPE A 3/4" ASPHALT CONCRETE MIX.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 21.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 22.
- INSTALL WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B.
- INSTALL 12 INCH WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.
- PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.
- INSTALL YELLOW CENTER LINE PER CALTRANS STANDARD PLAN A20A DETAIL 1.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 0.20-FOOT PER CONSTRUCTION PAVEMENT EXTENSION JOINT PER DETAIL C ON SHEET 21. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL.
- REMOVE EXISTING AC PAVEMENT FAILURE AREA AND UNDERLYING BASE MATERIAL AND REPLACE WITH NEW AC PAVEMENT OVER CLASS II BASE PER DETAIL D (DIG OUT DETAIL) ON SHEET 20.
- INSTALL WHITE LANELINE PER CALTRANS STANDARD PLAN A20A DETAIL 8.
- INSTALL 12 INCH WHITE CROSSWALK PER CA VEHICLE CODE 21368.
- CONTRACTOR TO LOWER THE WATER VALVE RISER FRAME AND COVER TO 0.30 FEET BELOW GRADE PRIOR TO PAVING ACTIVITIES. THE CONTRACTOR SHALL ADJUST THE EXISTING WATER VALVE RISER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. CONTRACTOR TO PLACE AN 12-INCH DEEP BY 12-INCH WIDE 4,500 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE VALVE RISER. SEE DETAIL B SHEET 20.
- CONTRACTOR TO LOWER EXISTING SANITARY SEWER/STORM DRAIN MANHOLE FRAME AND COVER TO 0.30 FEET BELOW GRADE PRIOR TO PAVING ACTIVITIES. THE CONTRACTOR SHALL ADJUST THE EXISTING SANITARY SEWER MANHOLE TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. CONTRACTOR TO PLACE AN 12-INCH DEEP BY 12-INCH WIDE 4,500 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE PER DETAIL A ON SHEET 20.
- INSTALL FIRE HYDRANT BLUE MARKER
- INSTALL 8" CHANNELIZING LINE PER CALTRANS STANDARD PLAN A20D DETAIL 38
- INSTALL TRAFFIC ARROW PER PAVEMENT MARKINGS LEGEND THIS SHEET.
- INSTALL "AHEAD" OR "SIGNAL" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.

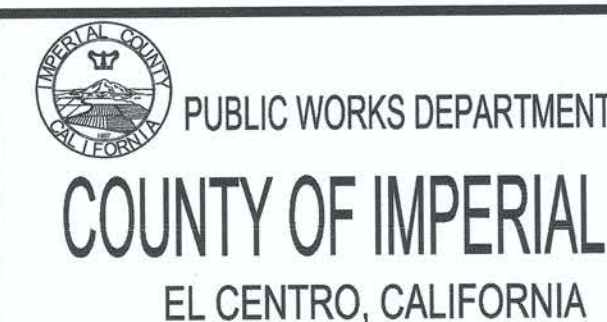
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
  
CARLOS BELTRAN, P.E.  
6/20/2025  
DATE  
69121  
R.C.E. No.  
06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
  
JOHN A. GAY, P.E.  
6/24/25  
DATE  
62028  
R.C.E. No.  
09/30/2025  
REG. EXP.



DATE 6/20/2025  
DRAWN DB, FM  
SCALE AS SHOWN  
CHECKED CB

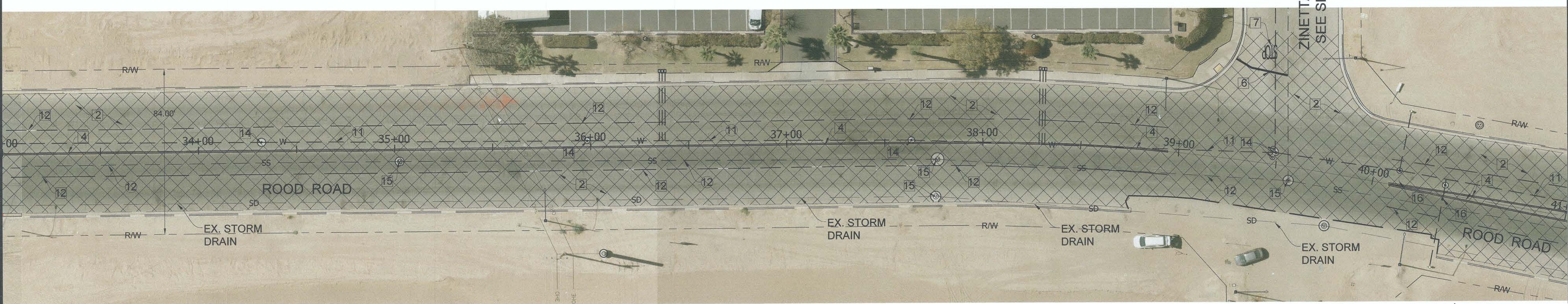
**ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS**  
  
COUNTY PROJECT NO. 6622GTW

**Dynamic** CONSULTING ENGINEERS  
CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA, 92251  
TEL. (760) 545-0162 FAX (760) 545-0163

<b>ROOD ROAD STA 10+50 TO STA 33+00</b>	
REFERENCE <b>R-999</b>	PAGE <b>5 OF 20</b>

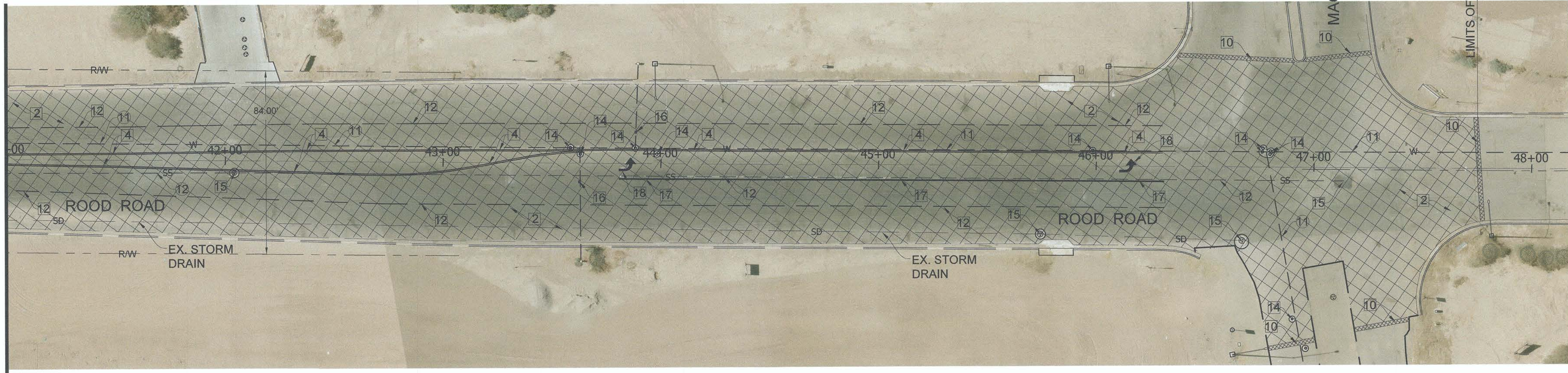


MATCH LINE - STA 33+00 SEE SHEET 6



MATCH LINE - STA 41+00  
SEE BOTTOM LEFT

SEE TOP RIGHT  
MATCH LINE - STA 41+00



## LEGEND

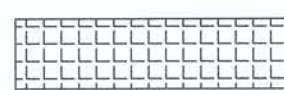
TYPE II SLURRY SEAL



2" GRIND AND AC OVERLAY



DIG OUT AREA. NEW AC AND  
CLASS II BASE



SURVEY MONUMENTS WITHIN SLURRY AREA

A PER SECTION 8771(b) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.

PER SECTION 8771(c) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.

## CONSTRUCTION NOTES:

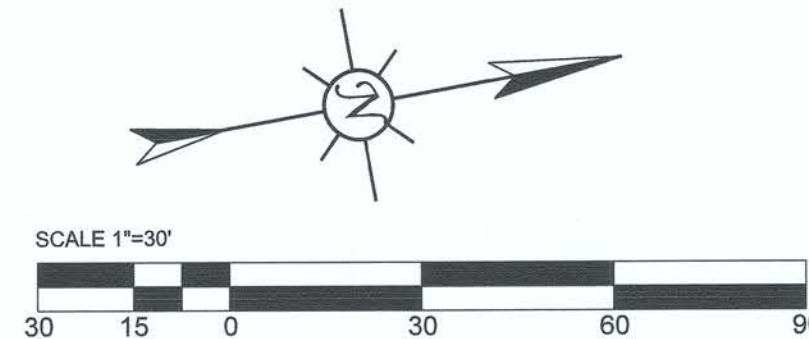
SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.

WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.

ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.

ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.

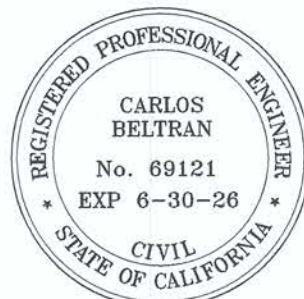
PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY, CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.



- EXISTING WATER VALVE TO REMAIN.
- EXISTING SIDEWALK TO REMAIN.
- EXISTING CURB AND GUTTER TO REMAIN.
- EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.
- EXISTING SIGN TO REMAIN.
- EXISTING CATCH BASIN TO REMAIN.
- EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.
- EXISTING WATER METER TO REMAIN.
- EXISTING WATER FIRE HYDRANT TO REMAIN.
- EXISTING WATER LINE TO REMAIN.
- EXISTING SEWER LINE/MAHOLE TO REMAIN.
- EXISTING UTILITY MANHOLE TO REMAIN.
- EXISTING ELECTRICAL METER TO REMAIN.
- EXISTING UTILITY BOX/METER TO REMAIN.
- EXISTING AC DIKE TO REMAIN.
- EXISTING STRIPING OR MARKING TO REMAIN.

## CONSTRUCTION KEYNOTES

- INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 2-INCHES. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL. AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED, CLEAN AND SWEEP ROADWAY. ALL CRACKS SHALL BE CLEANED FROM DEBRIS. AFTER SWEEPING ACTIVITIES HAVE BEEN COMPLETED CRACK SEAL THE EXISTING A.C. PAVEMENT. AFTER CRACK SEALANT AND STREET CLEANING HAS BEEN COMPLETED, INSTALL 2 INCHES OF TYPE A 3/4" ASPHALT CONCRETE MIX.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 21.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 22.
- INSTALL WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B.
- INSTALL 12 INCH WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.
- PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.
- INSTALL YELLOW CENTER LINE PER CALTRANS STANDARD PLAN A20A DETAIL 1.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 0.20-FOOT PER CONSTRUCTION PAVEMENT EXTENSION JOINT PER DETAIL C ON SHEET 21. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL.
- REMOVE EXISTING AC PAVEMENT FAILURE AREA AND UNDERLYING BASE MATERIAL AND REPLACE WITH NEW AC PAVEMENT OVER CLASS II BASE PER DETAIL D (DIG OUT DETAIL) ON SHEET 20.
- INSTALL WHITE LANELINE PER CALTRANS STANDARD PLAN A20A DETAIL 8.
- INSTALL 12 INCH WHITE CROSSWALK PER CA VEHICLE CODE 21368
- CONTRACTOR TO LOWER THE WATER VALVE RISER FRAME AND COVER TO 0.30 FEET BELOW GRADE PRIOR TO PAVING ACTIVITIES. THE CONTRACTOR SHALL ADJUST THE EXISTING WATER VALVE RISER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. CONTRACTOR TO PLACE AN 12-INCH DEEP BY 12-INCH WIDE 4,500 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE VALVE RISER. SEE DETAIL B SHEET 20.
- CONTRACTOR TO LOWER EXISTING SANITARY SEWER/STORM DRAIN MANHOLE FRAME AND COVER TO 0.30 FEET BELOW GRADE PRIOR TO PAVING ACTIVITIES. THE CONTRACTOR SHALL ADJUST THE EXISTING SANITARY SEWER MANHOLE TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. CONTRACTOR TO PLACE AN 12-INCH DEEP BY 12-INCH WIDE 4,500 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE PER DETAIL A ON SHEET 20.
- INSTALL FIRE HYDRANT BLUE MARKER
- INSTALL 8" CHANNELIZING LINE PER CALTRANS STANDARD PLAN A20D DETAIL 38
- INSTALL TRAFFIC ARROW PER PAVEMENT MARKINGS LEGEND THIS SHEET.
- INSTALL "AHEAD" OR "SIGNAL" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.



PREPARED UNDER THE DIRECT SUPERVISION OF:

CARLOS BELTRAN, P.E.

6/20/2025  
DATE

69121  
R.C.E. No.

06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT

APPROVED FOR CONSTRUCTION BY:

JOHN A. GAY, P.E.

6/24/25  
DATE

62028  
R.C.E. No.

09/30/2025  
REG. EXP.



PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
EL CENTRO, CALIFORNIA

DATE 6/20/2025  
DRAWN DB, FM  
SCALE AS SHOWN  
CHECKED CB

**ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS**  
  
COUNTY PROJECT NO. 6622GTW

**Dynamic** CONSULTING  
ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

**ROAD ROAD  
STA 33+00 TO STA 47+75**

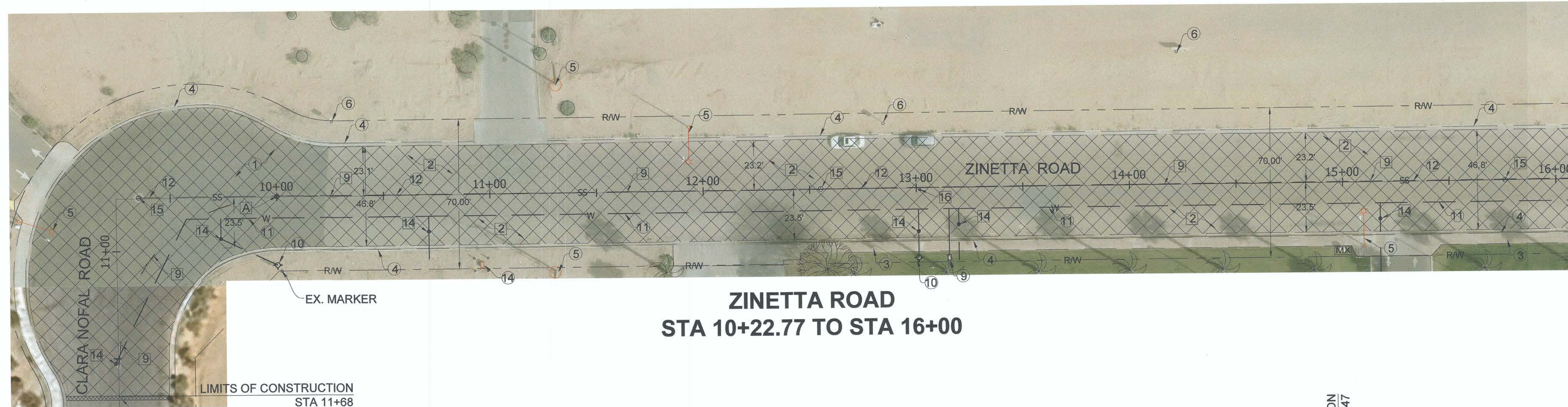
REFERENCE  
**R-999**

PAGE  
**6 OF 20**



## LEGEND

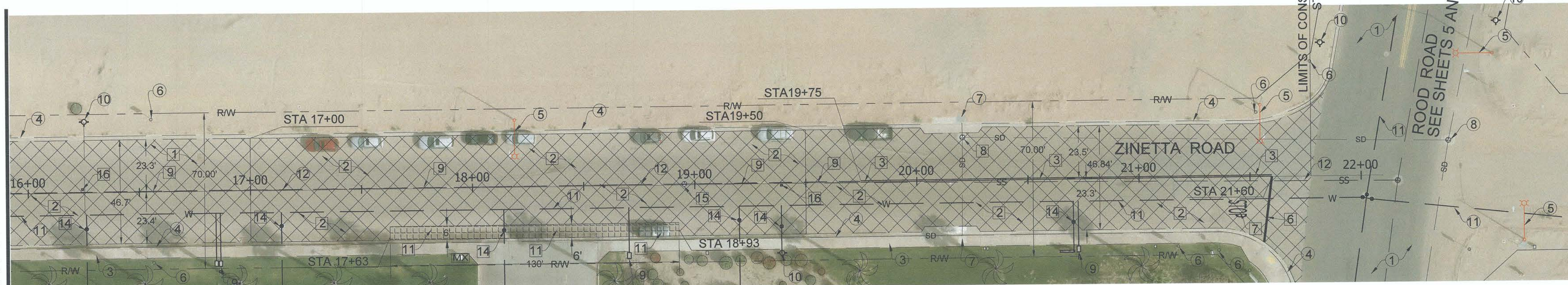
TYPE II SLURRY SEAL	
2" GRIND AND AC OVERLAY	
DIG OUT AREA. NEW AC AND CLASS II BASE	



**ZINETTA ROAD**  
**STA 10+22.77 TO STA 16+00**

**MATCH LINE - STA 16+00**  
**SEE BOTTOM LEFT**

**SEE ABOVE RIGHT**  
**MATCH LINE - STA 16+00**

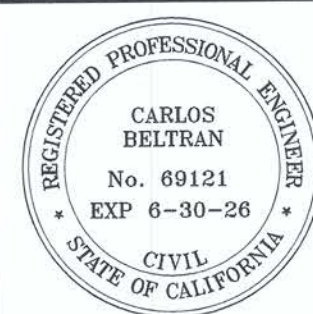


**ZINETTA ROAD**  
**STA 16+00 TO STA 22+77.47**

### SURVEY MONUMENTS WITHIN SLURRY AREA

A PER SECTION 8771(b) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.

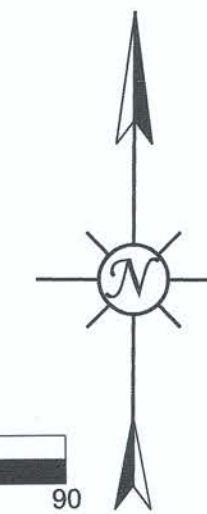
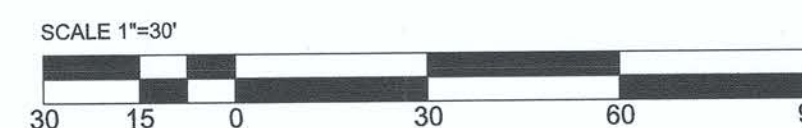
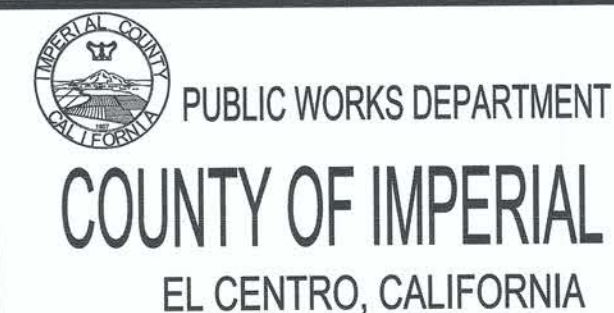
PER SECTION 8771(c) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*C. Beltran*  
CARLOS BELTRAN, P.E.  
6/20/2025  
DATE  
69121  
R.C.E. No.  
06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
JOHN A. GAY, P.E.  
6/24/25  
DATE  
62028  
R.C.E. No.  
09/30/2025  
REG. EXP.



- EXISTING WATER VALVE TO REMAIN.
- EXISTING SIDEWALK TO REMAIN.
- EXISTING CURB AND GUTTER TO REMAIN.
- EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.
- EXISTING SIGN TO REMAIN.
- EXISTING CATCH BASIN TO REMAIN.
- EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.
- EXISTING WATER METER TO REMAIN.
- EXISTING WATER FIRE HYDRANT TO REMAIN.
- EXISTING WATER LINE TO REMAIN.
- EXISTING SEWER LINE/MANHOLE TO REMAIN.
- EXISTING UTILITY MANHOLE TO REMAIN.
- EXISTING ELECTRICAL METER TO REMAIN.
- EXISTING UTILITY BOX/METER TO REMAIN.
- EXISTING AC DIKE TO REMAIN.
- EXISTING STRIPING OR MARKING TO REMAIN.

### CONSTRUCTION KEYNOTES

- INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 2-INCHES. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL. AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED, CLEAN AND SWEEP ROADWAY. ALL CRACKS SHALL BE CLEANED FROM DEBRIS. AFTER SWEEPING ACTIVITIES HAVE BEEN COMPLETED CRACK SEAL THE EXISTING A.C. PAVEMENT. AFTER CRACK SEALANT AND STREET CLEANING HAS BEEN COMPLETED, INSTALL 2 INCHES OF TYPE A 3/4" ASPHALT CONCRETE MIX.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 21.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 22.
- INSTALL WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B.
- INSTALL 12 INCH WHITE LINE PER CALTRANS STANDARD PLAN A24E.
- INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.
- PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.
- INSTALL YELLOW CENTER LINE PER CALTRANS STANDARD PLAN A20A DETAIL 1.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 0.20-FOOT PER CONSTRUCTION PAVEMENT EXTENSION JOINT PER DETAIL C ON SHEET 21. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL.
- REMOVE EXISTING AC PAVEMENT FAILURE AREA AND UNDERLYING BASE MATERIAL AND REPLACE WITH NEW AC PAVEMENT OVER CLASS II BASE PER DETAIL D (DIG OUT DETAIL) ON SHEET 20.
- INSTALL WHITE LANELINE PER CALTRANS STANDARD PLAN A20A DETAIL 8.
- INSTALL 12 INCH WHITE CROSSWALK PER CA VEHICLE CODE 21368.
- CONTRACTOR TO LOWER THE WATER VALVE RISER FRAME AND COVER TO 0.30 FEET BELOW GRADE PRIOR TO PAVING ACTIVITIES. THE CONTRACTOR SHALL ADJUST THE EXISTING WATER VALVE RISER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. CONTRACTOR TO PLACE AN 12-INCH DEEP BY 12-INCH WIDE 4,500 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE VALVE RISER. SEE DETAIL B SHEET 20.
- CONTRACTOR TO LOWER EXISTING SANITARY SEWER/STORM DRAIN MANHOLE FRAME AND COVER TO 0.30 FEET BELOW GRADE PRIOR TO PAVING ACTIVITIES. THE CONTRACTOR SHALL ADJUST THE EXISTING SANITARY SEWER MANHOLE TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. CONTRACTOR TO PLACE AN 12-INCH DEEP BY 12-INCH WIDE 4,500 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE PER DETAIL A ON SHEET 20.
- INSTALL FIRE HYDRANT BLUE MARKER

### CONSTRUCTION NOTES:

SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.

WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.

ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.

ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.




PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY. CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.

**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

REV.			DATE			REVISION DESCRIPTION					PREPARED UNDER THE DIRECT SUPERVISION OF:						COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:						DATE 6/20/2025		ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS  COUNTY PROJECT NO. 6622GTW				ZINETTA ROAD									
									CARLOS BELTRAN No. 69121 EXP 6-30-26 CIVIL STATE OF CALIFORNIA				69121 R.C.E. No.				62028 R.C.E. No.				PUBLIC WORKS DEPARTMENT COUNTY OF IMPERIAL EL CENTRO, CALIFORNIA								DRAWN DB, FM		REFERENCE  R-999				PAGE 7 OF 20			
									6/20/2025 DATE				06/30/2026 REG. EXP.				JOHN A. GAY, P.E.				09/30/2025 REG. EXP.								SCALE AS SHOWN									
																	6/24/25 DATE				CHECKED CB																	



LEGEND

TYPE II SLURRY SEAL



2" GRIND AND AC OVERLAY



LEGEND:

INSTALL TYPE I 24' ARROWS PER CALTRANS STANDARD PLAN A24A



INSTALL TYPE III (L) ARROW PER CALTRANS STANDARD PLAN A24B



INSTALL TYPE III (R) ARROW PER CALTRANS STANDARD PLAN A24B



INSTALL TYPE II (R) ARROW PER CALTRANS STANDARD PLAN A24B



STRIPING TO BE THERMOPLASTIC



MENVIELLE ROAD  
STA 10+00 TO STA 11+16.20

MENVIELLE ROAD IMPROVEMENTS TO BE COMPLETED  
IN TWO PHASES.

PHASE 1 CONSTRUCTION:

- TYPE II SLURRY SEAL NORTH SIDE OF MENVIELLE ROAD.
- VEHICULAR ACCESS TO BE ON THE SOUTH SIDE OF MENVIELLE ROAD.

PHASE 2 CONSTRUCTION:

- TYPE II SLURRY SEAL SOUTH SIDE OF MENVIELLE ROAD.
- VEHICULAR ACCESS TO BE ON THE NORTH SIDE OF MENVIELLE ROAD. ACCESS TO EXISTING BUSINESSES ALONG MENVIELLE ROAD SHALL BE FROM MENVIELLE COURT DURING PHASE 2 CONSTRUCTION.

CONSTRUCTION NOTES:

SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.

WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.

ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.

ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.

PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY, CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.

SURVEY MONUMENTS WITHIN SLURRY AREA

PER SECTION 8771(b) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.

PER SECTION 8771(g) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.

EXISTING KEYNOTES:

- EXISTING A.C. PAVEMENT TO REMAIN.
- EXISTING WATER VALVE TO REMAIN.
- EXISTING SIDEWALK TO REMAIN.
- EXISTING CURB AND GUTTER TO REMAIN.
- EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.
- EXISTING SIGN TO REMAIN.
- EXISTING CATCH BASIN TO REMAIN.
- EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.
- EXISTING WATER METER TO REMAIN.
- EXISTING WATER FIRE HYDRANT TO REMAIN.
- EXISTING WATER LINE TO REMAIN.
- EXISTING SEWER LINE/MANHOLE TO REMAIN.
- EXISTING UTILITY MANHOLE TO REMAIN.
- EXISTING ELECTRICAL METER TO REMAIN.
- EXISTING UTILITY BOX/METER TO REMAIN.
- EXISTING AC DIKE TO REMAIN.
- EXISTING STRIPING OR MARKING TO REMAIN.

CONSTRUCTION KEYNOTES

- INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.
- COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 2-INCHES. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL. AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED, CLEAN AND SWEEP ROADWAY. ALL CRACKS SHALL BE CLEANED FROM DEBRIS. AFTER SWEEPING ACTIVITIES HAVE BEEN COMPLETED CRACK SEAL THE EXISTING A.C. PAVEMENT. AFTER CRACK SEALANT AND STREET CLEANING HAS BEEN COMPLETED, INSTALL 2 INCHES OF TYPE A 3/4" ASPHALT CONCRETE MIX.
- INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 22.
- INSTALL WHITE RIGHT EDGE LINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B.
- INSTALL 12 INCH WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.
- PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.
- INSTALL 8" CHANNELIZING LINE PER CALTRANS STANDARD PLAN A20D DETAIL 38.
- INSTALL TRAFFIC ARROW PER PAVEMENT MARKINGS LEGEND THIS SHEET.
- INSTALL "AHEAD" OR "SIGNAL" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.

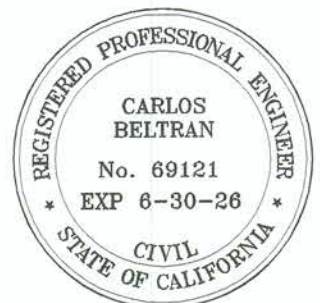
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:

CARLOS BELTRAN, P.E.

6/20/2025  
DATE

69121  
R.C.E. No.

06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT

APPROVED FOR CONSTRUCTION BY:

JOHN A. GAY, P.E.

6/24/25  
DATE

62028  
R.C.E. No.

09/30/2025  
REG. EXP.



PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
EL CENTRO, CALIFORNIA

DATE	6/20/2025
DRAWN	DB, FM
SCALE	AS SHOWN
CHECKED	CB

**ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS**  
  
**COUNTY PROJECT NO. 6622GTW**

**MENVIELLE ROAD**

REFERENCE  
**R-999**

PAGE  
**8 OF 20**



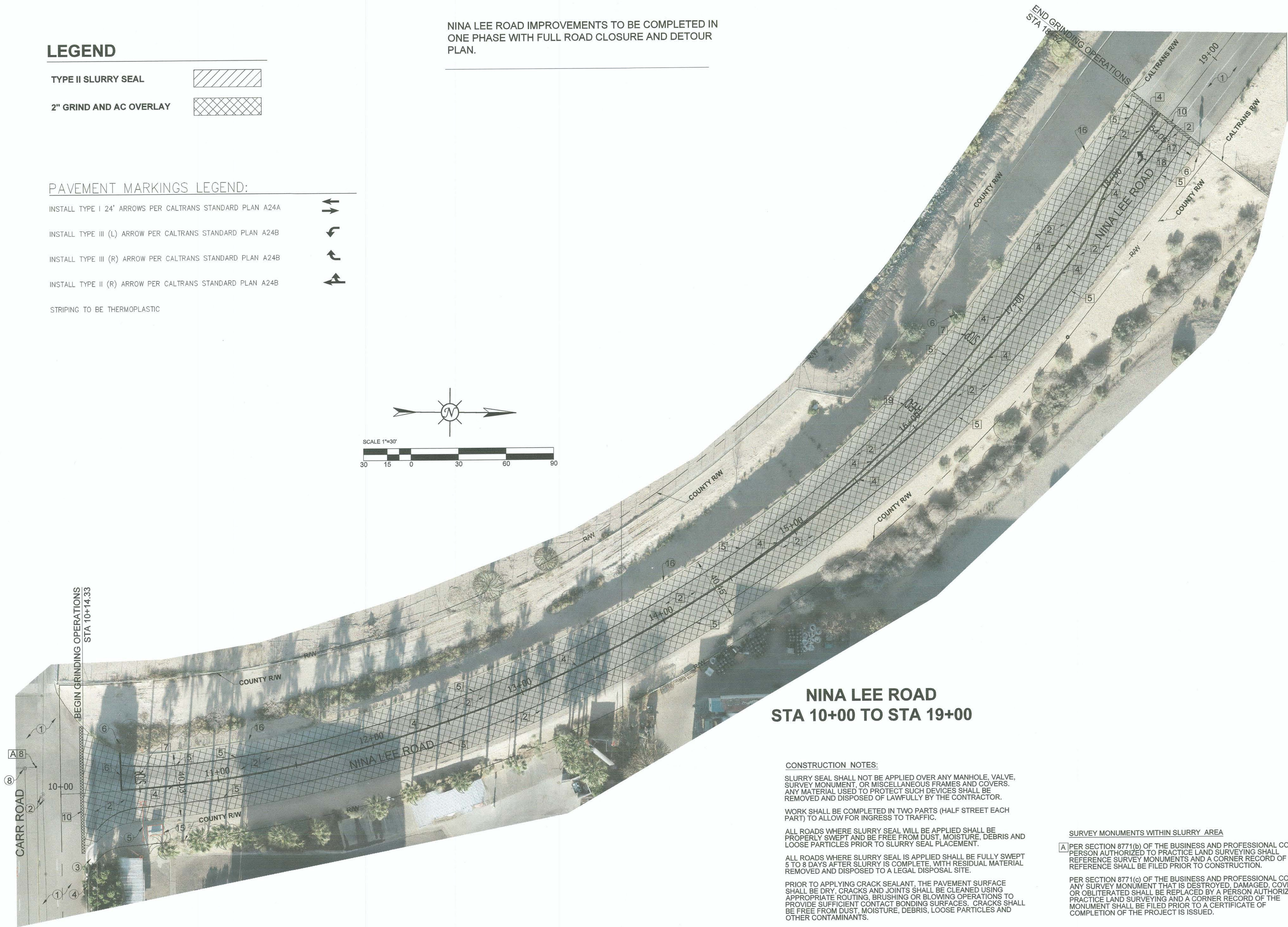
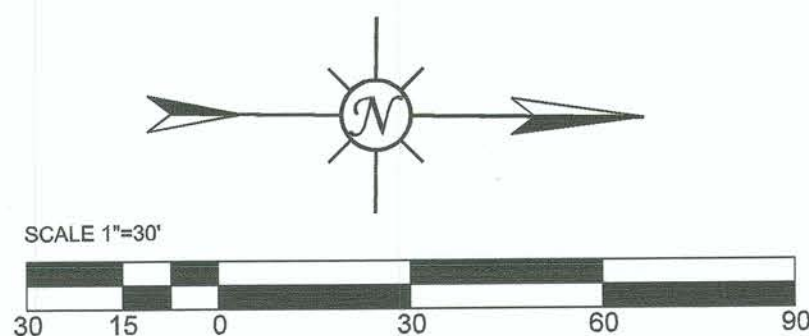
LEGEND

- TYPE II SLURRY SEAL
- 2" GRIND AND AC OVERLAY

PAVEMENT MARKINGS LEGEND:

- INSTALL TYPE I 24' ARROWS PER CALTRANS STANDARD PLAN A24A
- INSTALL TYPE III (L) ARROW PER CALTRANS STANDARD PLAN A24B
- INSTALL TYPE III (R) ARROW PER CALTRANS STANDARD PLAN A24B
- INSTALL TYPE II (R) ARROW PER CALTRANS STANDARD PLAN A24B
- STRIPING TO BE THERMOPLASTIC

NINA LEE ROAD IMPROVEMENTS TO BE COMPLETED IN ONE PHASE WITH FULL ROAD CLOSURE AND DETOUR PLAN.



- EXISTING KEYNOTES:
- EXISTING A.C. PAVEMENT TO REMAIN.
  - EXISTING WATER VALVE TO REMAIN.
  - EXISTING SIDEWALK TO REMAIN.
  - EXISTING CURB AND GUTTER TO REMAIN.
  - EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.
  - EXISTING SIGN TO REMAIN.
  - EXISTING CATCH BASIN TO REMAIN.
  - EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.
  - EXISTING WATER METER TO REMAIN.
  - EXISTING WATER FIRE HYDRANT TO REMAIN.
  - EXISTING WATER LINE TO REMAIN.
  - EXISTING SEWER LINE/MAHOLE TO REMAIN.
  - EXISTING UTILITY MANHOLE TO REMAIN.
  - EXISTING ELECTRICAL METER TO REMAIN.
  - EXISTING UTILITY BOX/METER TO REMAIN.
  - EXISTING AC DIKE TO REMAIN.
  - EXISTING STRIPING OR MARKING TO REMAIN.

- CONSTRUCTION KEYNOTES
- INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.
  - COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 2-INCHES. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL. AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED, CLEAN AND SWEEP ROADWAY. ALL CRACKS SHALL BE CLEANED FROM DEBRIS. AFTER SWEEPING ACTIVITIES HAVE BEEN COMPLETED CRACK SEAL THE EXISTING A.C. PAVEMENT. AFTER CRACK SEALANT AND STREET CLEANING HAS BEEN COMPLETED, INSTALL 2 INCHES OF TYPE A 3/4" ASPHALT CONCRETE MIX.
  - INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 22.
  - INSTALL WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B.
  - INSTALL 12 INCH WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
  - INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.
  - PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.
  - INSTALL YELLOW CENTER LINE PER CALTRANS STANDARD PLAN A20A DETAIL 1.
  - COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 0.20-FOOT PER CONSTRUCTION PAVEMENT EXTENSION JOINT PER DETAIL C ON SHEET 21. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL.
  - INSTALL 8" CHANNELIZING LINE PER CALTRANS STANDARD PLAN A20D DETAIL 3B.
  - INSTALL TRAFFIC ARROW PER PAVEMENT MARKINGS LEGEND THIS SHEET.
  - INSTALL "AHEAD" OR "SIGNAL" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.

NINA LEE ROAD  
STA 10+00 TO STA 19+00

CONSTRUCTION NOTES:

- SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.
- WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.
- ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.
- ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.
- PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY. CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.

SURVEY MONUMENTS WITHIN SLURRY AREA

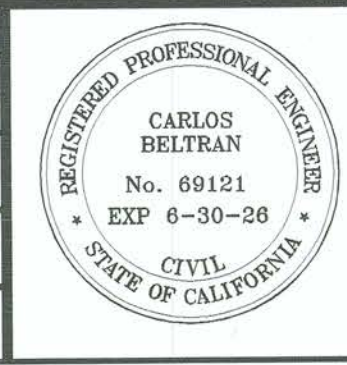
- A PER SECTION 8771(b) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.
- PER SECTION 8771(c) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.

**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162 FAX (760) 545-0163

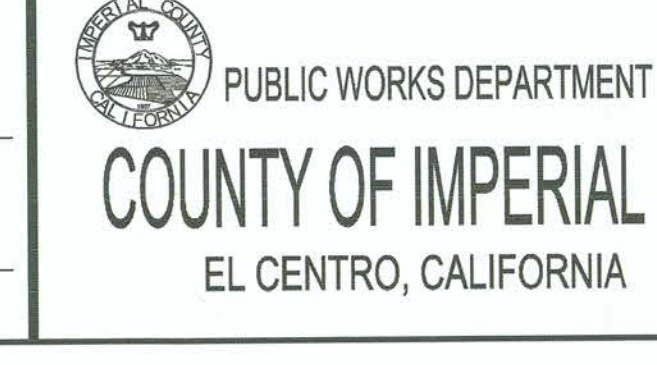
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:	69121
	R.C.E. No.
CARLOS BELTRAN, P.E.	
6/20/2025	06/30/2026
DATE	REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT	62028
APPROVED FOR CONSTRUCTION BY:	R.C.E. No.
JOHN A. GAY, P.E.	09/30/2025
6/24/25	REG. EXP.
DATE	



DATE	6/20/2025
DRAWN	DB, FM
SCALE	AS SHOWN
CHECKED	CB

ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS
COUNTY PROJECT NO. 6622GTW

NINA LEE ROAD	
REFERENCE	PAGE
R-999	9 OF 20



LEGEND

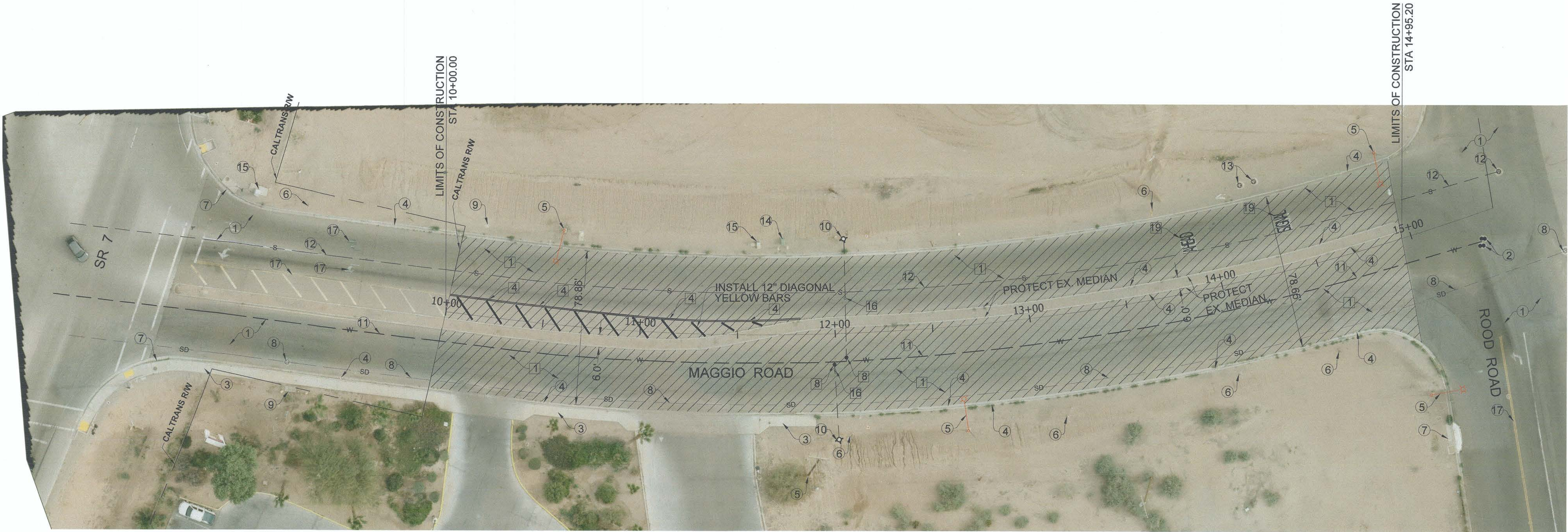
- TYPE II SLURRY SEAL
- 2" GRIND AND AC OVERLAY

EXISTING KEYNOTES:

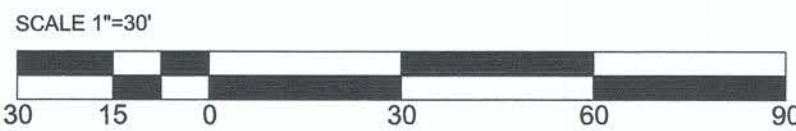
- 1 EXISTING A.C. PAVEMENT TO REMAIN.  
2 EXISTING WATER VALVE TO REMAIN.  
3 EXISTING SIDEWALK TO REMAIN.  
4 EXISTING CURB AND GUTTER TO REMAIN.  
5 EXISTING POWER/TELEPHONE OR LIGHT POLE TO REMAIN.  
6 EXISTING SIGN TO REMAIN.  
7 EXISTING CATCH BASIN TO REMAIN.  
8 EXISTING STORM DRAIN PIPE/MANHOLE TO REMAIN.  
9 EXISTING WATER METER TO REMAIN.  
10 EXISTING WATER FIRE HYDRANT TO REMAIN.  
11 EXISTING WATER LINE TO REMAIN.  
12 EXISTING SEWER LINE/MANHOLE TO REMAIN.  
13 EXISTING UTILITY MANHOLE TO REMAIN.  
14 EXISTING ELECTRICAL METER TO REMAIN.  
15 EXISTING UTILITY BOX/METER TO REMAIN.  
16 EXISTING AC DIKE TO REMAIN.  
17 EXISTING STRIPING OR MARKING TO REMAIN.

CONSTRUCTION KEYNOTES

- 1 INSTALL TYPE II SLURRY SEAL. PRIOR TO INSTALLATION OF SLURRY SEAL PROVIDE CRACK SEALANT. SEE CONSTRUCTION NOTES.  
2 COLD PLANE EXISTING A.C. PAVEMENT FOR A THICKNESS OF 2-INCHES. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT MATERIAL AFTER THE COLD PLANING PROCESS HAS BEEN COMPLETED. CLEAN AND SWEEP ROADWAY. ALL CRACKS SHALL BE CLEANED FROM DEBRIS. AFTER SWEEPING ACTIVITIES HAVE BEEN COMPLETED CRACK SEAL THE EXISTING A.C. PAVEMENT. AFTER CRACK SEALANT AND STREET CLEANING HAS BEEN COMPLETED, INSTALL 2 INCHES OF TYPE A 3/4" ASPHALT CONCRETE MIX.  
4 INSTALL DOUBLE YELLOW NO PASSING LINE PER CALTRANS STANDARD PLAN A20A DETAIL 22.  
5 INSTALL WHITE RIGHT EDGELINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B.  
6 INSTALL 12 INCH WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.  
7 INSTALL "STOP" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.  
8 PROTECT IN PLACE. CONTRACTOR TO PROTECT MANHOLES, VALVES, SURVEY MONUMENTS AND MISCELLANEOUS FRAMES AND COVERS.  
16 INSTALL FIRE HYDRANT BLUE MARKER  
17 INSTALL 8" CHANNELIZING LINE PER CALTRANS STANDARD PLAN A20D DETAIL 38  
18 INSTALL TRAFFIC ARROW PER PAVEMENT MARKINGS LEGEND THIS SHEET.  
19 INSTALL "AHEAD" OR "SIGNAL" PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A24D.



MAGGIO ROAD  
STA 10+00 TO STA 15+00



MAGGIO ROAD IMPROVEMENTS TO BE COMPLETED IN TWO PHASES.

PHASE 1 CONSTRUCTION:

- TYPE II SLURRY SEAL NORTH SIDE OF MAGGIO ROAD (NORTH OF EXISTING MEDIAN).
- MAGGIO RD WEST BOUND TO USE DETOUR PLAN THROUGH CARR ROAD.
- VEHICULAR ACCESS EAST BOUND ONLY TO BE ON THE SOUTH SIDE OF MAGGIO ROAD (SOUTH OF EXISTING MEDIAN).

PHASE 2 CONSTRUCTION:

- TYPE II SLURRY SEAL SOUTH SIDE OF MAGGIO ROAD (SOUTH OF EXISTING MEDIAN).
- MAGGIO RD WESTBOUND TO USE DETOUR PLAN THROUGH CARR ROAD.
- SR7 SOUTHBOUND ONTO MAGGIO ROAD TO USE DETOUR PLAN THROUGH NINA LEE ROAD AND CARR ROAD.
- SR7 NORTHBOUND ONTO MAGGIO ROAD TO USE THE NORTH SIDE OF MAGGIO ROAD. (NORTH OF THE EXISTING MEDIAN).

CONSTRUCTION NOTES:

SLURRY SEAL SHALL NOT BE APPLIED OVER ANY MANHOLE, VALVE, SURVEY MONUMENT, OR MISCELLANEOUS FRAMES AND COVERS. ANY MATERIAL USED TO PROTECT SUCH DEVICES SHALL BE REMOVED AND DISPOSED OF LAWFULLY BY THE CONTRACTOR.

WORK SHALL BE COMPLETED IN TWO PARTS (HALF STREET EACH PART) TO ALLOW FOR INGRESS TO TRAFFIC.

ALL ROADS WHERE SLURRY SEAL WILL BE APPLIED SHALL BE PROPERLY SWEEPED AND BE FREE FROM DUST, MOISTURE, DEBRIS AND LOOSE PARTICLES PRIOR TO SLURRY SEAL PLACEMENT.

ALL ROADS WHERE SLURRY SEAL IS APPLIED SHALL BE FULLY SWEEPED 5 TO 8 DAYS AFTER SLURRY IS COMPLETE, WITH RESIDUAL MATERIAL REMOVED AND DISPOSED TO A LEGAL DISPOSAL SITE.

PRIOR TO APPLYING CRACK SEALANT, THE PAVEMENT SURFACE SHALL BE DRY. CRACKS AND JOINTS SHALL BE CLEANED USING APPROPRIATE ROUTING, BRUSHING OR BLOWING OPERATIONS TO PROVIDE SUFFICIENT CONTACT BONDING SURFACES. CRACKS SHALL BE FREE FROM DUST, MOISTURE, DEBRIS, LOOSE PARTICLES AND OTHER CONTAMINANTS.

SURVEY MONUMENTS WITHIN SLURRY AREA

PER SECTION 8771(d) OF THE BUSINESS AND PROFESSIONAL CODE, A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING SHALL REFERENCE SURVEY MONUMENTS AND A CORNER RECORD OF THE REFERENCE SHALL BE FILED PRIOR TO CONSTRUCTION.

PER SECTION 8771(c) OF THE BUSINESS AND PROFESSIONAL CODE, ANY SURVEY MONUMENT THAT IS DESTROYED, DAMAGED, COVERED OR OBLITERATED SHALL BE REPLACED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING AND A CORNER RECORD OF THE MONUMENT SHALL BE FILED PRIOR TO A CERTIFICATE OF COMPLETION OF THE PROJECT IS ISSUED.

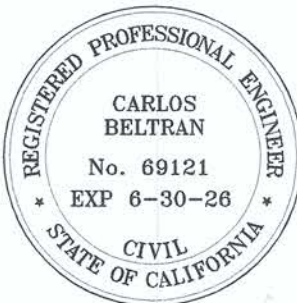
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
  
CARLOS BELTRAN, P.E.  
6/20/2025  
DATE

69121  
R.C.E. No.  
06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
  
JOHN A. GAY, P.E.  
6/24/25  
DATE

62028  
R.C.E. No.  
09/30/2025  
REG. EXP.



DATE 6/20/2025  
DRAWN DB, FM  
SCALE AS SHOWN  
CHECKED CB

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS  
COUNTY PROJECT NO. 6622GTW

MAGGIO ROAD	
REFERENCE <b>R-999</b>	PAGE 10 OF 20



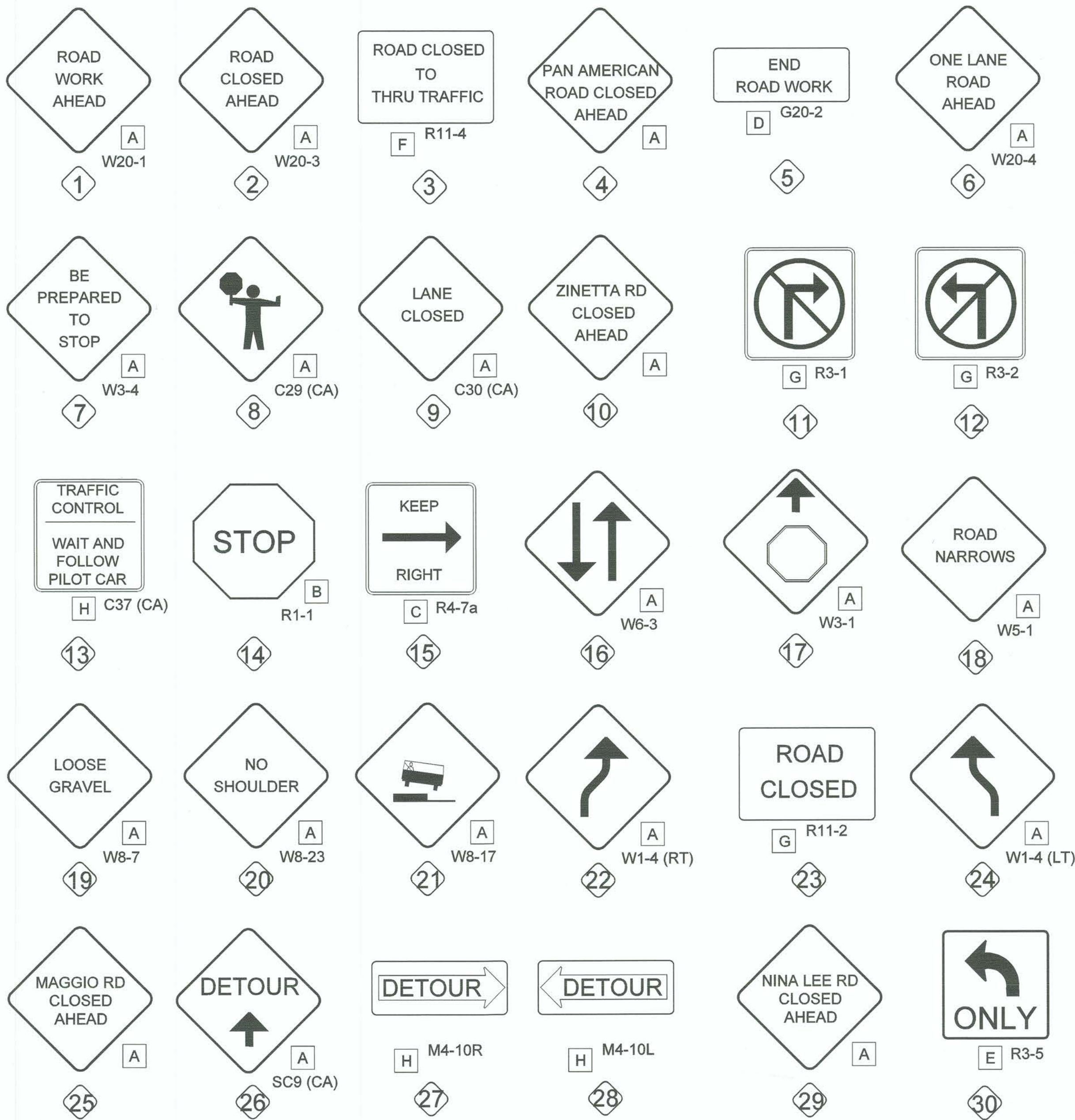
NOTES:

1. Barricades shall be Type III for lane closures.
2. Each "ROAD WORK AHEAD" sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color.
3. All cones used for closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves).
4. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
5. At least one person shall be assigned to provide full time maintenance of traffic control devices, unless otherwise directed by the Engineer.

TRAFFIC CONTROL LEGEND

- \* Portable Flashing Beacon
- Portable Delineator (42 in) with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- └ Temporary Sign
- ‡ Barricades
- K-Rail
- ➡ Direction of Travel
- ↪ Turn Arrow
- ▨ Work Area
- Ⓢ Signalized Intersection
- 🚧 Flagger
- ⚠ Temporary Sign with Traffic Cone

TRAFFIC SIGNS



SIGN PANEL SIZE (Min)

A	48" x 48"	G	36" x 36"
B	30" x 30"	H	36" x 42"
C	24" x 30"	G	48" x 30"
D	48" x 24"	H	48" x 18"
E	30" x 36"		
F	60" x 30"		

NOTES:

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on orange background.

California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

GENERAL TRAFFIC CONTROL NOTES:



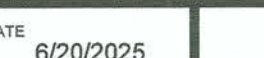


- ALL TRAFFIC CONTROL DEVICES FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AND CA MUTCD SUPPLEMENT UNLESS SPECIFIED OTHERWISE, AND THE LATEST VERSION OF THE CALTRANS STANDARD PLANS.
- TRAFFIC CONTROL SHOWN HEREIN IS THE MINIMUM REQUIRED. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSARY BY IMPERIAL COUNTY PUBLIC WORKS DEPARTMENT REPRESENTATIVE, CALTRANS REPRESENTATIVE, OR THE RESIDENT ENGINEER. THESE CHANGES MAY BE DONE IN THE FIELD.
- TRAFFIC CONTROL DEVICES SHOWN ON PLANS ARE LOCATED APPROXIMATELY AND SHALL BE ADJUSTED AS REQUIRED TO MEET FIELD CONDITIONS. ALL SUCH CHANGES MADE DUE TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF CALTRANS STANDARD PLANS, CA MUTCD, CA MUTCD SUPPLEMENT, CALTRANS STANDARDS AND SPECIFICATIONS AND IMPERIAL COUNTY PUBLIC WORKS REQUIREMENTS.
- THROUGHOUT EACH WORK PERIOD, CONTRACTOR SHALL INSPECT TRAFFIC CONTROL (SIGNS, BARRICADES AND DELINEATORS) AND MAINTAIN SAME IN ACCORDANCE WITH TRAFFIC CONTROL PLANS.
- ACCESS TO PRIVATE PROPERTY SHALL BE MAINTAINED AT ALL TIMES.
- ALL SIGNS SHALL BE HIGH INTENSITY REFLECTIVE. ALL TRAFFIC CONTROL DEVICES SHALL BE REFLECTIVE. FLASHING LIGHTS SHALL BE PROVIDED FOR ALL BARRICADES AT EACH END OF THE LANE CLOSURE.
- THE INTENSITY AND DISTRIBUTION OF LIGHT FROM EACH ILLUMINATED SIGNAL LENS SHOULD CONFORM TO THE CURRENT "STANDARDS FOR VEHICLE TRAFFIC CONTROL SIGNAL HEADS" AND "TRAFFIC SIGNAL LAMPS" (SEE SECTION 1A.11 OF LATEST VERSION OF CA MUTCD). IF A SIGNAL INDICATION IS OPERATED IN THE FLASHING MODE FOR NIGHTTIME OPERATION AND THE SIGNAL INDICATION IS SO BRIGHT AS TO CAUSE EXCESSIVE GLARE, SOME FORM OF AUTOMATIC DIMMING SHOULD BE USED TO REDUCE THE BRILLIANCE OF THE SIGNAL INDICATION.
- REFER TO THE LATEST REVISION OF CA MUTCD AND CALTRANS STANDARD PLANS REGARDING THE NOTES FOR EACH TYPICAL APPLICATION CALLED OUT ON THIS PLAN.
- CONTRACTOR SHALL INSPECT TRAFFIC CONTROL AT THE BEGINNING AND AT THE END OF EACH WORKING DAY TO ENSURE COMPLIANCE WITH THESE PLANS.
- CONTRACTOR SHALL INSTALL ADA COMPLIANT TEMPORARY RAMPS BETWEEN THE EDGE OF THE EXISTING CURB RETURN/ HANDICAP RAMP AND EXCAVATED SURFACE AT THE END OF EACH WORK DAY.
- NO STREET PARKING SHALL BE ALLOWED ALONG THE CONSTRUCTION ZONES DURING THE PROJECT CONSTRUCTION PERIOD. CONTRACTOR SHALL INSTALL NO PARKING SIGNS (R8-3A) AT ALL REQUIRED AREAS AT LEAST ONE WEEK PRIOR TO BEGINNING OF CONSTRUCTION.
- CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL DEVICES ACCORDING TO TYPICAL APPLICATION CA MUTCD 2014, FIGURE 6H-29 (TA-29): CROSSWALK CLOSURES AND PEDESTRIAN DETOURS IF REQUIRED TO PROVIDE TEMPORARY PEDESTRIAN ACCESS AT ALL INTERSECTIONS AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES. IF NECESSARY CONTRACTOR SHALL PROVIDE FLAG PERSONNEL FOR ADDITIONAL TRAFFIC CONTROL AS NEEDED.
- IF A PORTION OF THE CONSTRUCTION AREA MUST REMAIN OPEN AT THE END OF EACH WORK DAY, EACH EXPOSED SECTION MUST BE COMPLETELY FILLED WITH CLASS 2 BASE MATERIAL AND SURROUNDED WITH BARRICADES AND TAPE OR AS APPROVED BY THE COUNTY ENGINEER.
- ALL ADJACENT BUSINESSES, RESIDENCES, SCHOOLS AND CHURCHES SHALL BE DULY NOTIFIED BY THE CONTRACTOR, IN WRITING, OF HIS PROPOSED OPERATIONS. NOTICE SHALL BE DELIVERED AT LEAST TWO (2) WORKING WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPRODUCTION OF NOTIFICATION LETTERS. THE NOTIFICATION LETTERS SHALL BE WRITTEN IN ENGLISH AND SPANISH LANGUAGES. RE-NOTIFICATION WILL BE REQUIRED IF THE CONTRACTOR'S SCHEDULE IS ALTERED OR OTHER DELAYS OCCUR WHICH AFFECT THE PROJECT SCHEDULE.
- THE CONTRACTOR SHALL MAKE ACCOMMODATIONS TO ALLOW REGULARLY SCHEDULED SOLID WASTE DISPOSAL PICK UP ALONG THE AFFECTED STREET SECTIONS DURING THE PROJECT CONSTRUCTION PERIOD.
- CONTRACTOR SHALL COVER EXISTING TRAFFIC SIGNS, TRAFFIC SIGNALS, OR PEDESTRIAN SIGNAL INDICATIONS SHOULD SAID CONTROLS CONFLICT WITH TEMPORARY TRAFFIC CONTROL PLAN OR AS DIRECTED BY THE COUNTY PUBLIC WORKS DEPARTMENT.
- WHENEVER THE WORK CAUSES OBLITERATION OF PAVEMENT DELINEATION, TEMPORARY OR PERMANENT PAVEMENT DELINEATION SHALL BE IN PLACE PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC. LANE LINES AND CENTERLINE PAVEMENT DELINEATION SHALL BE PROVIDED AT ALL TIMES FOR TRAVELED WAYS OPEN TO THE PUBLIC TRAFFIC.
- CONTRACTOR SHALL REPLACE/REPAIR ANY AND ALL STRIPING, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND CURB PAINT DISRUPTED OR REMOVED DURING THE CONSTRUCTION TO THE SATISFACTION OF THE COUNTY ENGINEER.
- ALL ADVANCED WARNING SIGNS SHALL BE EQUIPPED WITH FLAGS FLASHING YELLOW BEACONS, TYPE-B SHALL BE USED ON ALL W20-1, W20-2, C-19 SIGNS AND ON ALL TYPE-III AND TYPE-II BARRICADES GUARDING THE WORK AREA OVERNIGHT.

**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

REV.		DATE	REVISION DESCRIPTION			PREPARED UNDER THE DIRECT SUPERVISION OF:				COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:				<div>DATE 6/20/2025</div> <div>DRAWN DB, FM</div> <div>SCALE AS SHOWN</div> <div>CHECKED CB</div>		ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS		TRAFFIC CONTROL PLAN GENERAL NOTES	
							69121 R.C.E. No.				62028 R.C.E. No.						REFERENCE R-999	PAGE 11 OF 20	
						6/20/2025 DATE	06/30/2026 REG. EXP.			6/24/25 DATE	09/30/2025 REG. EXP.								



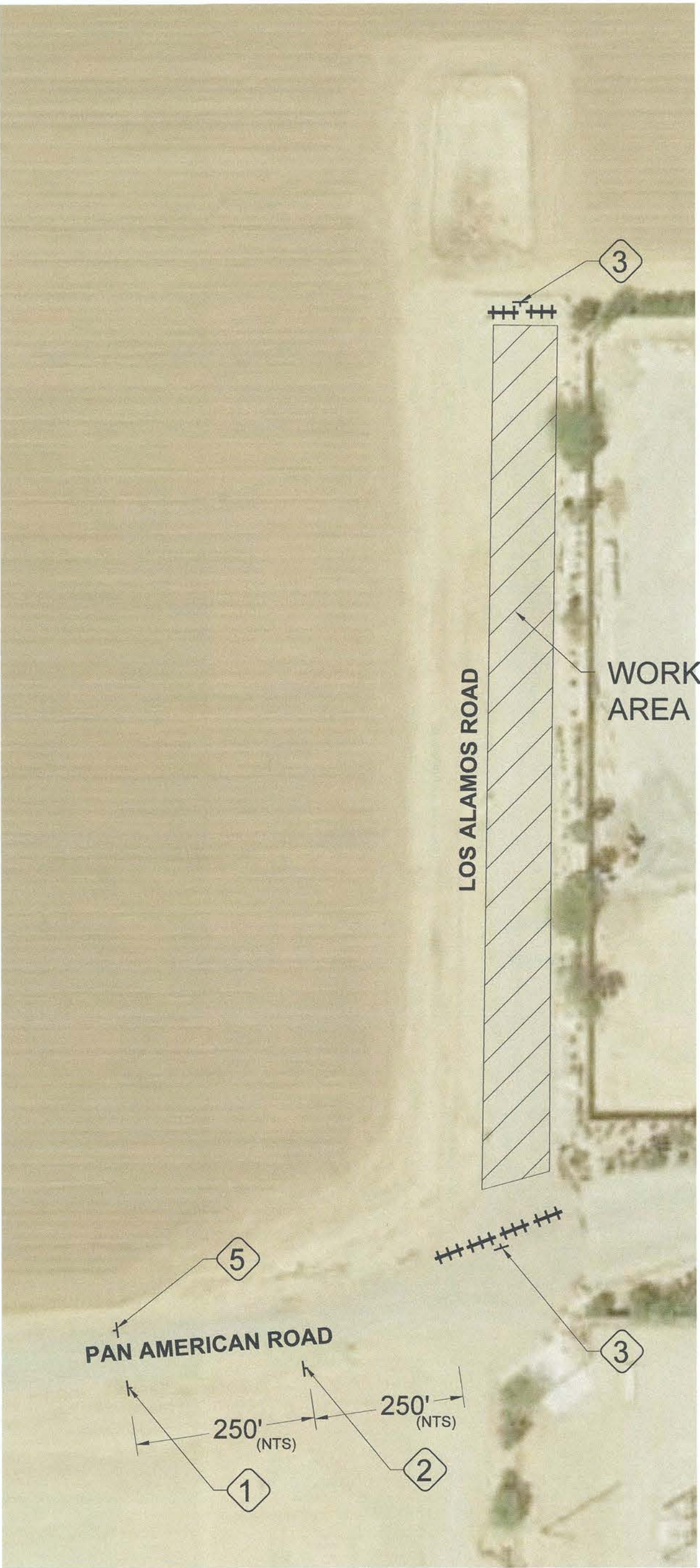


PAN AMERICAN ROAD

NOTE: PLAN NOT TO SCALE (NTS)

TRAFFIC CONTROL LEGEND

- \* Portable Flashing Beacon
- Portable Delineator (42 in) with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- └ Temporary Sign
- ≡ Barricades
- K-Rail
- Direction of Travel
- ↩ Turn Arrow
- ▨ Work Area
- Ⓢ Signalized Intersection
- 🚧 Flagger
- └• Temporary Sign with Traffic Cone



NOTE: PLAN NOT TO SCALE (NTS)

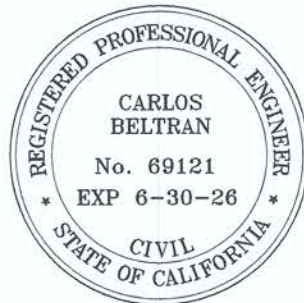
LOS ALAMOS ROAD

NOTE:  
CONTRACTOR TO NOTIFY BUSINESS OWNERS CONSTRUCTION ACTIVITIES, ROAD CLOSURE AND SCHEDULE TWO WEEKS PRIOR TO START WORK ON PAN AMERICAN ROAD AND LOS ALAMOS ROAD.

**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251  
TEL. (760) 545-0162 FAX (760) 545-0163

REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
  
CARLOS BELTRAN, P.E.  
6/20/2025  
DATE

69121  
R.C.E. No.  
06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
  
JOHN A. GAY, P.E.  
6/24/25  
DATE

62028  
R.C.E. No.  
09/30/2025  
REG. EXP.

PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
EL CENTRO, CALIFORNIA

DATE 6/20/2025
DRAWN DB, FM
SCALE AS SHOWN
CHECKED CB

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS  
COUNTY PROJECT NO. 6622GTW

TRAFFIC CONTROL PLAN PAN AMERICAN RD & LOS ALAMOS RD	
REFERENCE <b>R-999</b>	PAGE 12 OF 20





TRAFFIC CONTROL LEGEND

- \* Portable Flashing Beacon
- Portable Delineator (42 in) with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- ┆ Temporary Sign
- ⌵ Barricades
- K-Rail
- ← Direction of Travel
- ↩ Turn Arrow
- ▨ Work Area
- Ⓢ Signalized Intersection
- ┆ Temporary Sign with Traffic Cone








NOTE: PLAN NOT TO SCALE (NTS)

ZINETTA ROAD

**Dynamic**

CONSULTING  
ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251  
TEL. (760) 545-0162 FAX (760) 545-0163

REV.		DATE	REVISION DESCRIPTION		PREPARED UNDER THE DIRECT SUPERVISION OF:			COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:			PUBLIC WORKS DEPARTMENT COUNTY OF IMPERIAL EL CENTRO, CALIFORNIA		DATE: 6/20/2025 DRAWN: DB, FM SCALE: AS SHOWN CHECKED: CB		ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS  COUNTY PROJECT NO. 6622GTW		TRAFFIC CONTROL PLAN ZINETTA ROAD			
					 CARLOS BELTRAN, P.E.			69121 R.C.E. No.	 JOHN A. GAY, P.E.		62028 R.C.E. No.					REFERENCE R-999		PAGE 13 OF 20		
					6/20/2025 DATE			06/30/2026 REG. EXP.	6/20/25 DATE		09/30/2025 REG. EXP.									

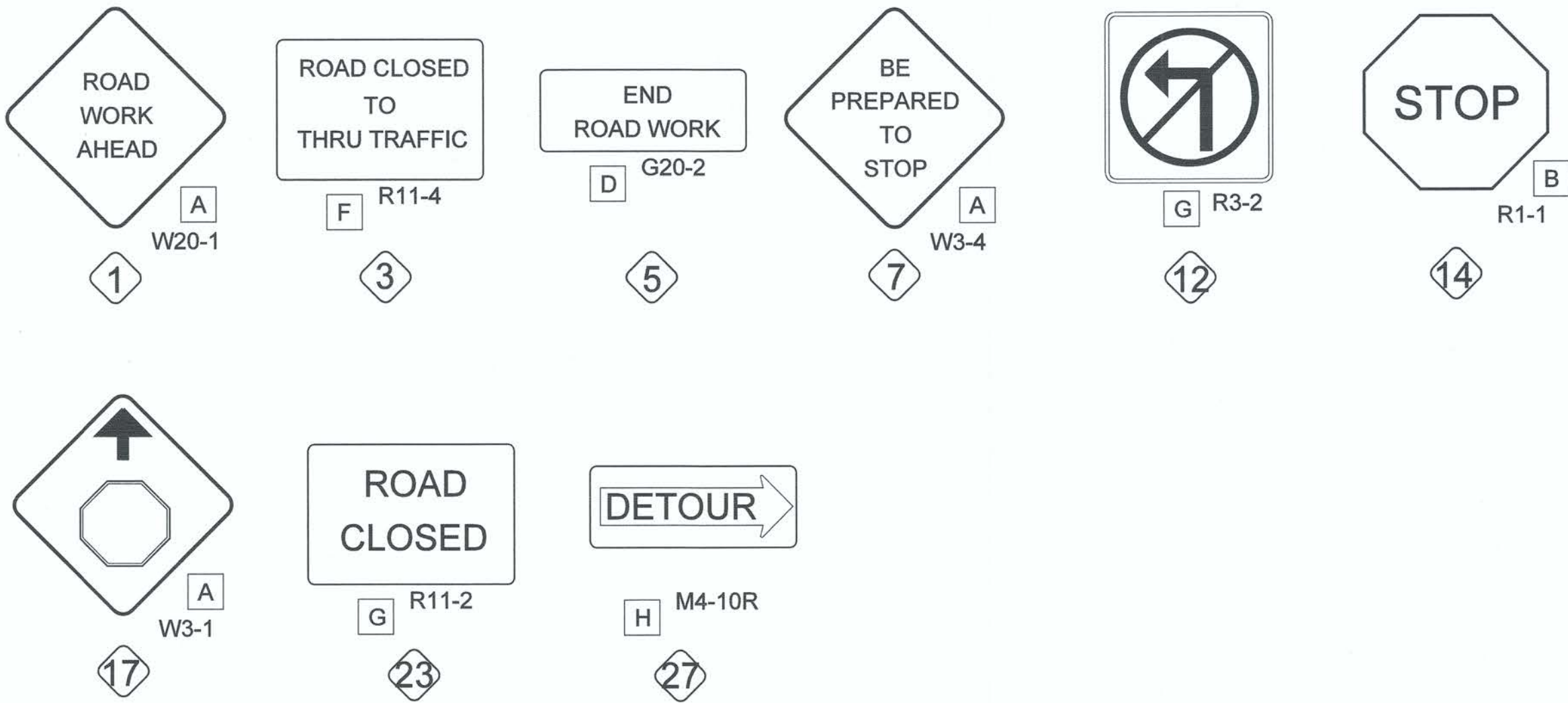








TRAFFIC SIGNS



MAGGIO ROAD IMPROVEMENTS TO BE COMPLETED IN TWO PHASES.

- PHASE 1 CONSTRUCTION:
- TYPE II SLURRY SEAL NORTH SIDE OF MAGGIO ROAD (NORTH OF EXISTING MEDIAN).
  - MAGGIO RD WEST BOUND TO USE DETOUR PLAN THROUGH CARR ROAD.
  - VEHICULAR ACCESS EAST BOUND ONLY TO BE ON THE SOUTH SIDE OF MAGGIO ROAD (SOUTH OF EXISTING MEDIAN).

ROAD CLOSURE NOTE:  
CONTRACTOR TO NOTIFY BUSINESS OWNERS CONSTRUCTION ACTIVITIES, ROAD CLOSURE AND SCHEDULE TWO WEEKS PRIOR TO START WORK.

LEGEND

- \* Portable Flashing Beacon
- Portable Delineator (42 in) Spaced 10 ft Apart with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- └ Temporary Sign
- ≡ Barricades
- K-Rail
- ← Direction of Travel
- ↪ Turn Arrow
- ▨ Road Closure
- Ⓢ Signalized Intersection
- └• Temporary Sign with Traffic Cone

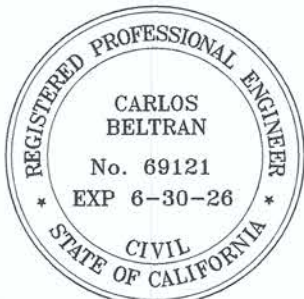
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL (760) 545-0162

FAX (760) 545-0163

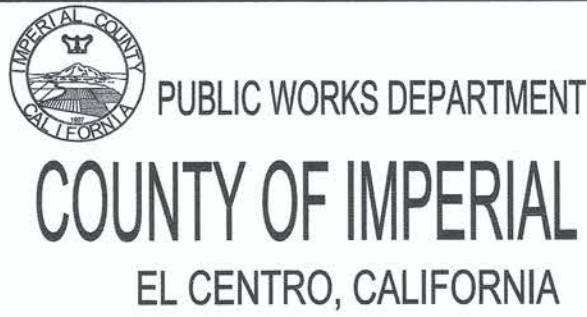
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Carlos Beltran*  
CARLOS BELTRAN, P.E.  
69121 R.C.E. No.  
6/20/2025 DATE 06/30/2026 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
JOHN A. GAY, P.E.  
62028 R.C.E. No.  
6/24/25 DATE 09/30/2025 REG. EXP.



DATE 6/20/2025  
DRAWN DB, FM  
SCALE AS SHOWN  
CHECKED CB

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS  
COUNTY PROJECT NO. 6622GTW

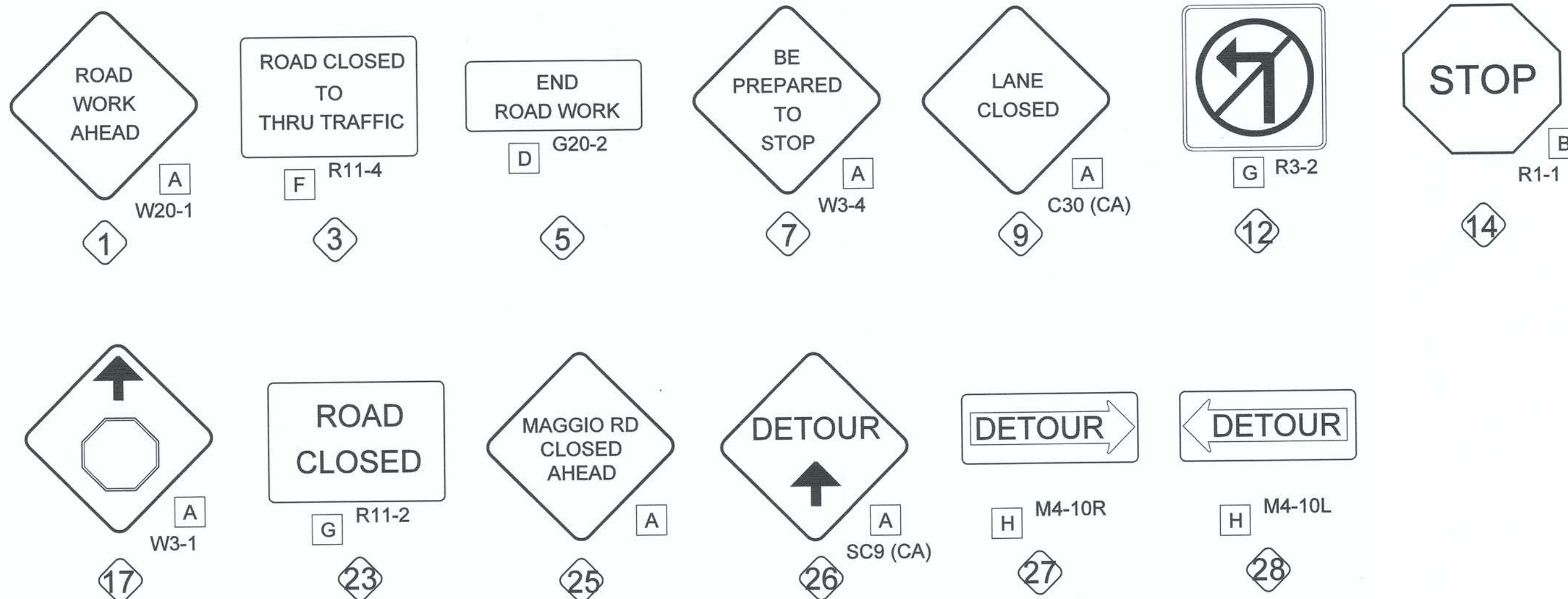
TRAFFIC CONTROL PLAN MAGGIO RD PHASE 1 DETOUR PLAN	
REFERENCE <b>R-999</b>	PAGE 15 OF 20





SCALE 1" = 300'

TRAFFIC SIGNS



MAGGIO ROAD IMPROVEMENTS TO BE COMPLETED IN TWO PHASES.

PHASE 2 CONSTRUCTION:

- TYPE II SLURRY SEAL SOUTH SIDE OF MAGGIO ROAD (SOUTH OF EXISTING MEDIAN).
- MAGGIO RD WESTBOUND TO USE DETOUR PLAN THROUGH CARR ROAD.
- SR7 SOUTHBOUND ONTO MAGGIO ROAD TO USE DETOUR PLAN THROUGH NINA LEE ROAD AND CARR ROAD.
- SR7 NORTHBOUND ONTO MAGGIO ROAD TO USE THE NORTH SIDE OF MAGGIO ROAD. (NORTH OF THE EXISTING MEDIAN).

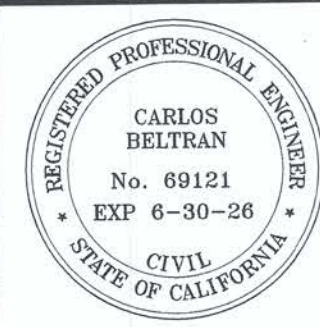
ROAD CLOSURE NOTE:

CONTRACTOR TO NOTIFY BUSINESS OWNERS CONSTRUCTION ACTIVITIES, ROAD CLOSURE AND SCHEDULE TWO WEEKS PRIOR TO START WORK.

LEGEND

- \* Portable Flashing Beacon
- Portable Delineator (42 in) Spaced 10 ft Apart with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- † Temporary Sign
- ‡ Barricades
- K-Rail
- ← Direction of Travel
- ↪ Turn Arrow
- ▨ Road Closure
- Ⓢ Signalized Intersection
- †• Temporary Sign with Traffic Cone

REV.	DATE	REVISION DESCRIPTION



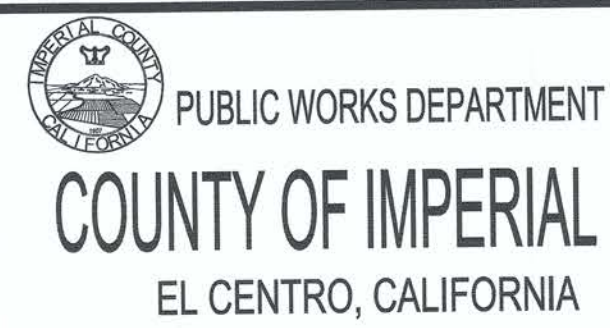
PREPARED UNDER THE DIRECT SUPERVISION OF:  
CARLOS BELTRAN, P.E.  
6/20/2025  
DATE

69121  
R.C.E. No.  
06/30/2026  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
JOHN A. GAY, P.E.  
6/24/25  
DATE

62028  
R.C.E. No.  
09/30/2025  
REG. EXP.



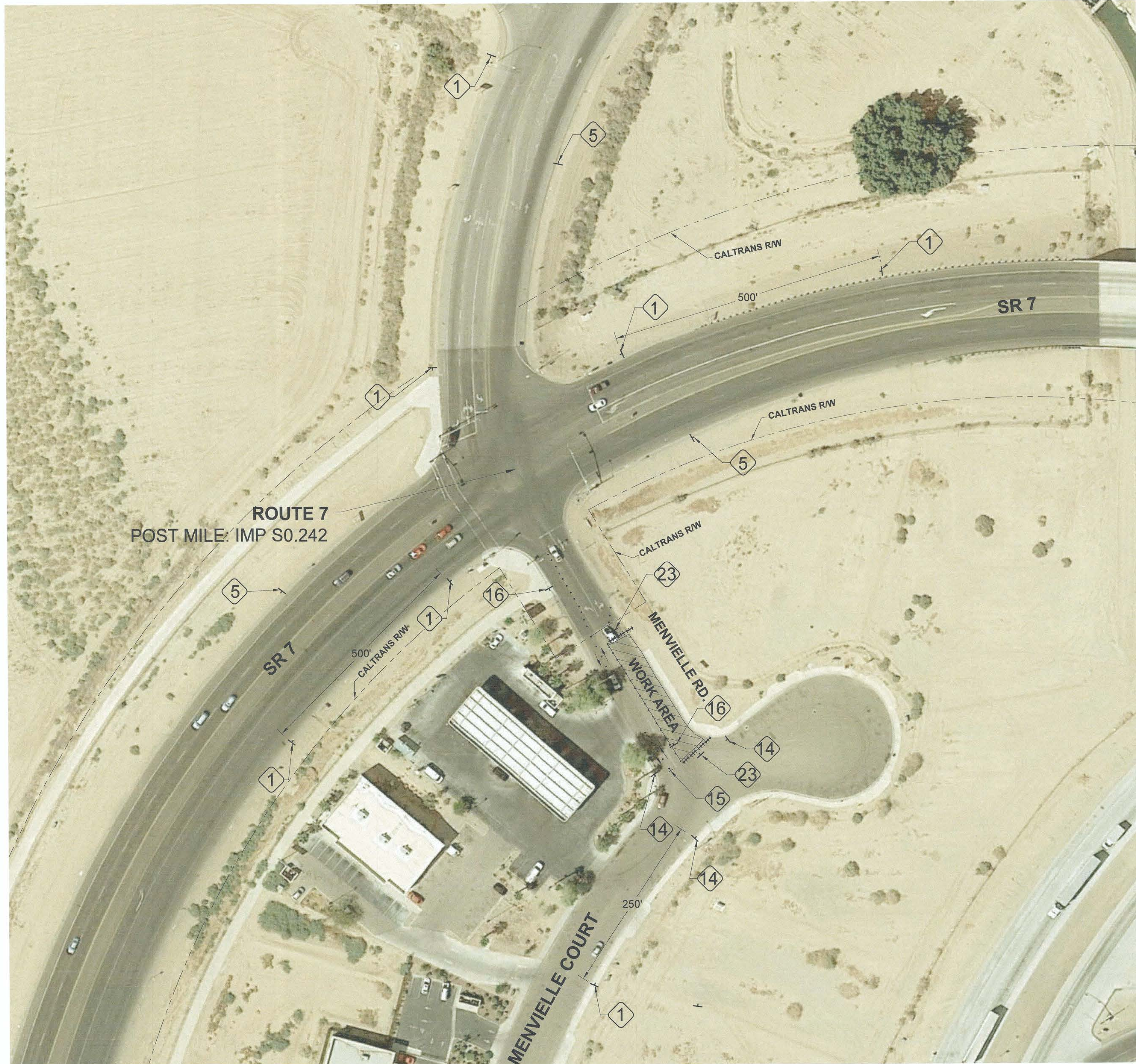
DATE  
6/20/2025  
DRAWN  
DB, FM  
SCALE  
AS SHOWN  
CHECKED  
CB

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS  
COUNTY PROJECT NO. 6622GTW

**Dynamic** CONSULTING ENGINEERS  
CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL, CA. 92251  
TEL. (760) 545-0162 FAX (760) 545-0163

TRAFFIC CONTROL PLAN MAGGIO RD PHASE 2 DETOUR PLAN	
REFERENCE <b>R-999</b>	PAGE 16 OF 20





MENVILLE ROAD IMPROVEMENTS TO BE COMPLETED IN TWO PHASES.

PHASE 1 CONSTRUCTION:

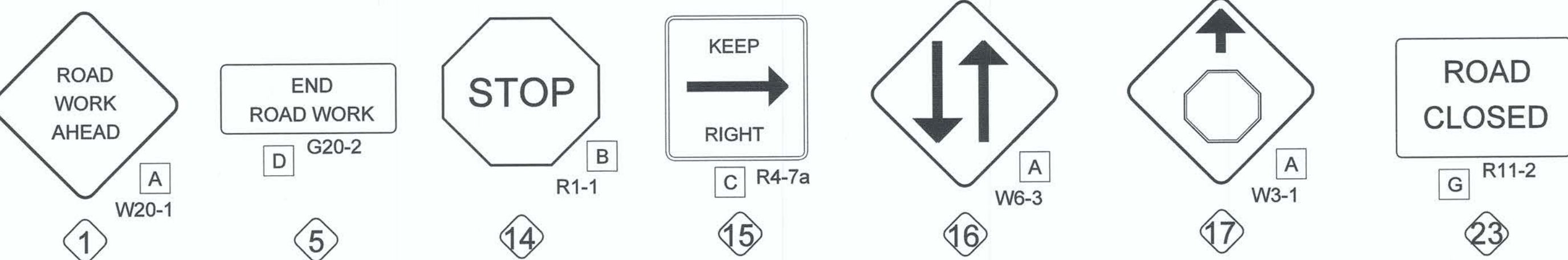
- TYPE II SLURRY SEAL NORTH SIDE OF MENVILLE ROAD.
- VEHICULAR ACCESS TO BE ON THE SOUTH SIDE OF MENVILLE ROAD.
- MINIMUM TRAVEL LANE WIDTH SHALL BE NO LESS THAN 11.0 FT.

LEGEND

- \* Portable Flashing Beacon
- Portable Delineator (42 in) Spaced 10 ft Apart with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- └ Temporary Sign
- ‡ Barricades
- K-Rail
- ← Direction of Travel
- ↩ Turn Arrow
- ▨ Road Closure
- Ⓢ Signalized Intersection
- └• Temporary Sign with Traffic Cone

ROAD CLOSURE NOTE:  
CONTRACTOR TO NOTIFY BUSINESS OWNERS CONSTRUCTION ACTIVITIES, ROAD CLOSURE AND SCHEDULE TWO WEEKS PRIOR TO START WORK.

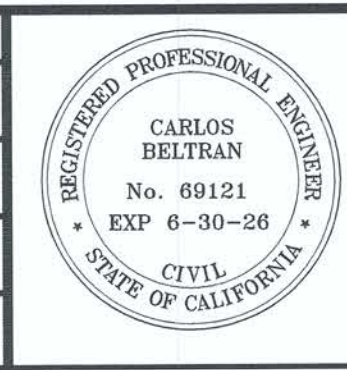
TRAFFIC SIGNS



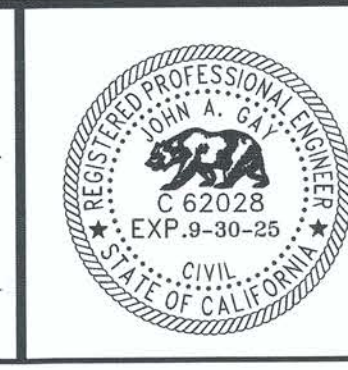
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251  
TEL. (760) 545-0162 FAX (760) 545-0163

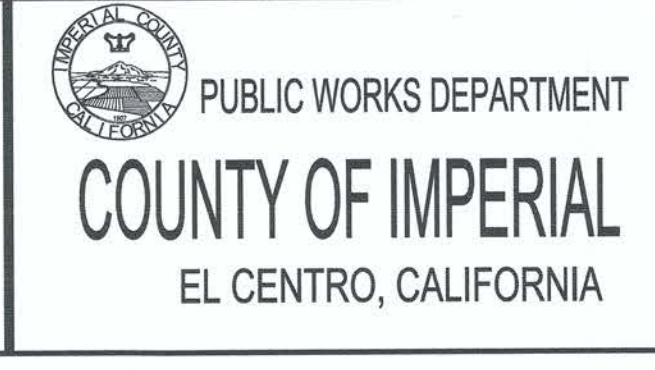
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Carlos Beltran*  
CARLOS BELTRAN, P.E.  
69121 R.C.E. No.  
6/20/2025 DATE  
06/30/2026 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
JOHN A. GAY, P.E.  
6/24/25 DATE  
62028 R.C.E. No.  
09/30/2025 REG. EXP.



DATE 6/20/2025  
DRAWN DB, FM  
SCALE AS SHOWN  
CHECKED CB

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS  
COUNTY PROJECT NO. 6622GTW

TRAFFIC CONTROL PLAN MENVILLE RD PHASE 1	
REFERENCE R-999	PAGE 17 OF 20





MENVILLE ROAD IMPROVEMENTS TO BE COMPLETED IN TWO PHASES.

**PHASE 2 CONSTRUCTION:**

- TYPE II SLURRY SEAL SOUTH SIDE OF MENVILLE ROAD.
- VEHICULAR ACCESS TO BE ON THE NORTH SIDE OF MENVILLE ROAD. ACCESS TO EXISTING BUSINESSES ALONG MENVILLE ROAD SHALL BE FROM MENVILLE COURT DURING PHASE 2 CONSTRUCTION.
- MINIMUM TRAVEL LANE WIDTH SHALL BE NO LESS THAN 11.0 FT.

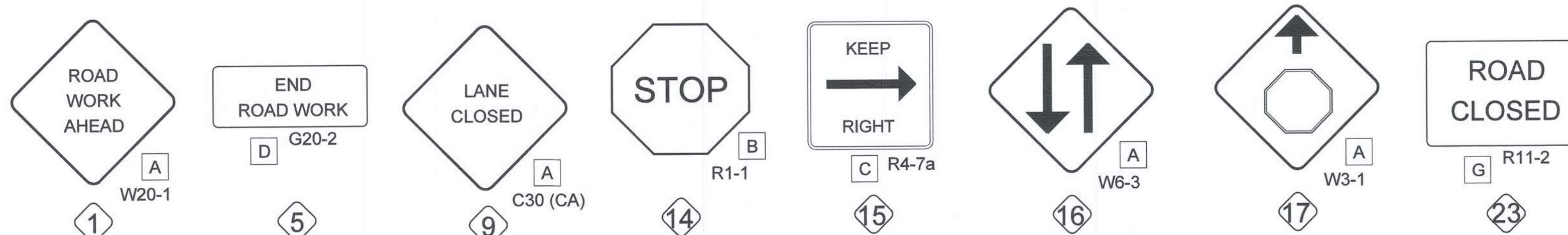
**LEGEND**

- \* Portable Flashing Beacon
- Portable Delineator (42 in) Spaced 10 ft Apart with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- ┃ Temporary Sign
- ‡ Barricades
- K-Rail
- ← Direction of Travel
- ↩ Turn Arrow
- ▨ Road Closure
- Ⓢ Signalized Intersection
- ┃ Temporary Sign with Traffic Cone

**ROAD CLOSURE NOTE:**

CONTRACTOR TO NOTIFY BUSINESS OWNERS CONSTRUCTION ACTIVITIES, ROAD CLOSURE AND SCHEDULE TWO WEEKS PRIOR TO START WORK.

**TRAFFIC SIGNS**



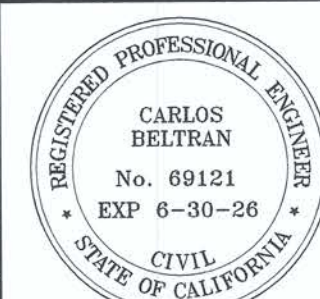
**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL CA. 92251

TEL. (760) 545-0162

FAX (760) 545-0163

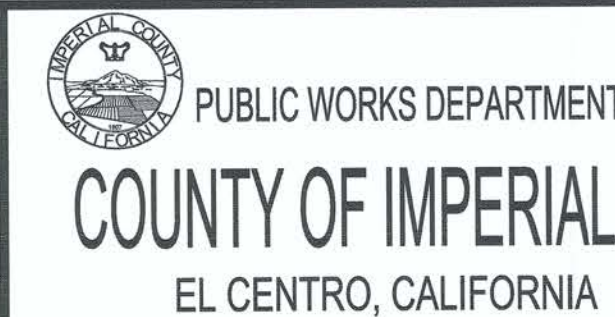
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
  
CARLOS BELTRAN, P.E.  
6/20/2025 DATE  
69121 R.C.E. No.  
06/30/2026 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
  
JOHN A. GAY, P.E.  
6/24/25 DATE  
62028 R.C.E. No.  
09/30/2025 REG. EXP.



DATE	6/20/2025
DRAWN	DB, FM
SCALE	AS SHOWN
CHECKED	CB

**ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS**  
  
COUNTY PROJECT NO. 6622GTW

**TRAFFIC CONTROL PLAN  
MENVILLE RD PHASE 2**

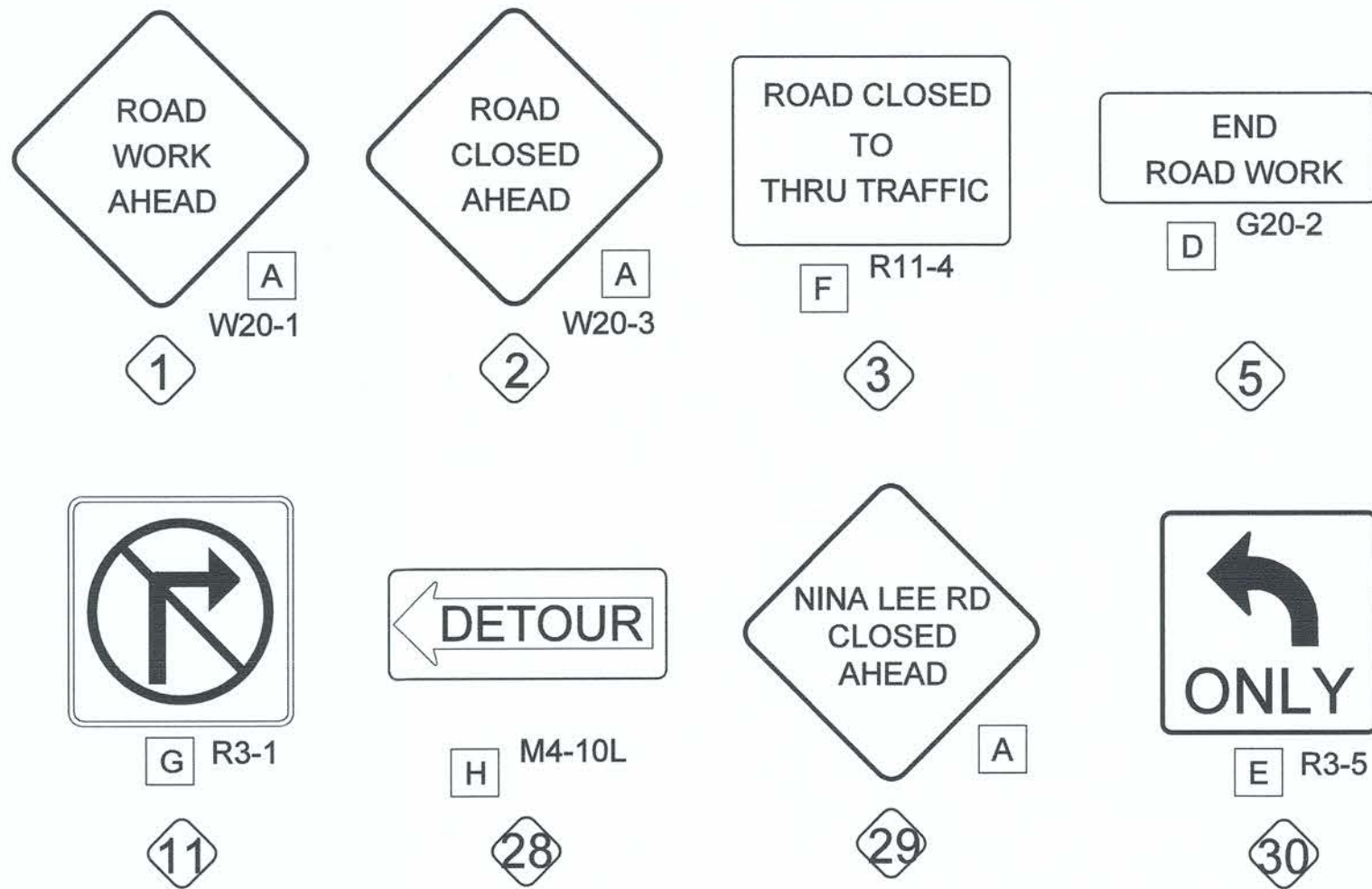
REFERENCE  
**R-999**

PAGE  
**18 OF 20**





TRAFFIC SIGNS



NINA LEE ROAD IMPROVEMENTS TO BE COMPLETED IN ONE PHASE.

- CONSTRUCTION:
- 2 INCH COLD PLANE FULL ROAD WIDTH OF NINA LEE ROAD. CRACK SEAL AND PLACE NEW ASPHALT CONCRETE PAVEMENT.
  - VEHICULAR ACCESS TO USE DETOUR.

ROAD CLOSURE NOTE:  
CONTRACTOR TO NOTIFY BUSINESS OWNERS CONSTRUCTION ACTIVITIES, ROAD CLOSURE AND SCHEDULE TWO WEEKS PRIOR TO START WORK.

LEGEND

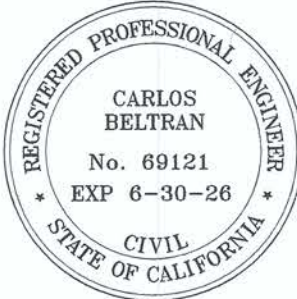
- \* Portable Flashing Beacon
- Portable Delineator (42 in) Spaced 10 ft Apart with Retroreflective Bands
- ▲ Cone (28 in Min) with Retroreflective Bands
- † Temporary Sign
- ‡ Barricades
- K-Rail
- ➡ Direction of Travel
- ↩ Turn Arrow
- ▨ Road Closure
- Ⓢ Signalized Intersection
- †• Temporary Sign with Traffic Cone

**Dynamic** CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT  
2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B.,  
IMPERIAL, CA. 92251

TEL. (760) 545-0162 FAX (760) 545-0163

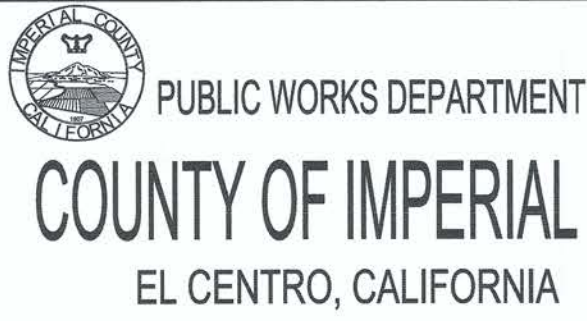
REV.	DATE	REVISION DESCRIPTION



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Carlos Beltran*  
CARLOS BELTRAN, P.E.  
69121 R.C.E. No.  
6/20/2025 DATE  
06/30/2026 REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
JOHN A. GAY, P.E.  
62028 R.C.E. No.  
6/24/25 DATE  
09/30/2025 REG. EXP.



DATE 6/20/2025  
DRAWN DB, FM  
SCALE AS SHOWN  
CHECKED CB

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS  
AT GATEWAY OF THE AMERICAS  
COUNTY PROJECT NO. 6622GTW

TRAFFIC CONTROL PLAN NINA LEE RD DETOUR PLAN	
REFERENCE <b>R-999</b>	PAGE 19 OF 20



MANHOLE FRAME AND COVER SHALL BE ALHAMBRA FOUNDRY A-1497 (SEWER) OR A-1325 (STORM DRAIN) OR AN APPROVED EQUAL.

1'-0" TYP.

ADJ. RING 11" MAX.

24"

3/8"

1'-0" TYP.

INSTALL A 1'-0" WIDE, 1'-0" DEEP CONCRETE RING CIRCUMFERENTIALLY AROUND THE MANHOLE FRAME. PLACE THE CONCRETE RING 3/8" INCH BELOW THE EXISTING PAVEMENT OR 0.10 FEET ABOVE NATIVE SURFACES. MANHOLE FRAME AND COVER TO BE LOWERED 0.30 FEET BELOW GRADE PRIOR TO PAVING. MANHOLE FRAME AND COVER SHALL BE RAISED TO A VERTICAL POSITION 3/8" INCHES BELOW THE FINISH A.C. PAVEMENT SURFACE AFTER PAVING OPERATIONS ARE COMPLETE.

PLACE GRADE RINGS AS REQUIRED TO ADJUST THE MANHOLE COVER TO GRADE.

PLACE CEMENT FLUSH WITH THE INTERIOR AND EXTERIOR SURFACES OF THE MANHOLE ALONG ALL CONCRETE JOINTS.

NOTES:

- WHENEVER PRACTICABLE, THE FRAME AND COVER SHALL BE PLACED DIRECTLY OVER THE INLET OF THE STRUCTURE EXCEPT AS OTHERWISE NOTED ON THE PLANS.
- GRADE RINGS SHALL BE SET PLUMB.
- PLACE CEMENT GROUT IN THE OPENINGS BETWEEN PRECAST MANHOLE UNITS AND GRADE RINGS FLUSH WITH THE INTERIOR AND EXTERIOR SURFACES PRIOR TO APPLYING THE RAVEN 405 (OR APPROVED EQUAL) COATING OR COMPLETING BACKFILL WORK AROUND THE EXTERIOR OF THE MANHOLE.
- CONCRETE SHALL BE 4,000 PSI TYPE V CEMENT.

INSTALL 8 INCH WIDE, 8 INCH DEEP P.C.C. CONCRETE RING CONCENTRIC WITH THE EXTERIOR OF THE VALVE RISER.

NEW A.C. PAVEMENT

3/8"

3/8" DEPTH PER PLAN

8"

8"

EXISTING VALVE EXTENSION RISER AND COVER FLUSH WITH NEW CONCRETE SURFACE. COVER TO BE LOWERED 0.30 FEET BELOW GRADE PRIOR TO PAVING. COVER SHALL BE RAISED TO A VERTICAL POSITION 3/8" INCHES BELOW THE FINISH A.C. PAVEMENT SURFACE AFTER PAVING OPERATIONS ARE COMPLETE.

NOTES:

- CONCRETE SHALL BE 4,000 PSI TYPE V CEMENT.

NEW A.C.

EXISTING A.C.

NEW BASE

EXISTING BASE

NOTES:

- GRIND 2' WIDE X 0.20' DEEP HEADER FULL LENGTH OF JOINT.
- TACK COAT ENTIRE SURFACE WITH AR 1000 PAVING ASPHALT AT AN APPROXIMATE RATE OF 0.05 GALLON PER SQUARE YARD OR GRADE SS-H EMULSIFIED ASPHALT AT AN APPROXIMATE RATE OF 0.05 TO 0.01 GALLON GALLON PER SQUARE YARD SHALL BE UNIFORMLY APPLIED UPON THE EXISTING PAVEMENT PRECEDING THE PLACEMENT OF THE ASPHALT CONCRETE. THE SURFACE SHALL BE FREE OF WATER, FOREIGN MATERIAL OR DUST, WHEN THE TACKCOAT IS APPLIED.
- OVERLAY HEADER AREA TO MATCH NEW & EXISTING A.C. SURFACES.
- WHERE PAVEMENT IS INSTALLED ON A PROJECT ON MORE THAN ONE DAY, A HEADER (AS HERE IS DESCRIBED) MUST BE PROVIDED AT THE CONSTRUCTION JOINT.

REMOVE EXISTING AC PAVEMENT AND INSTALL 4 TO 6 INCHES OF AC PAVEMENT. MATCH EXISTING AC PAVEMENT DEPTH. INSTALL MINIMUM 4 INCHES OF AC PAVEMENT.

AC THICKNESS VARIES

REMOVE AND REPLACE 11 INCHES OF CLASS II BASE COMPACTED TO 95% MAX. DENSITY PER ASTM D1557.

SCARIFY AND RE-COMPACT 12 INCHES OF NATIVE MATERIAL IN 6 INCH MAXIMUM LIFTS TO 90% RELATIVE COMPACTION.

MANHOLE AND COVER ADJUSTMENTA

VALVE RISER AND COVER ADJUSTMENTB

NEW CONSTRUCTION PAVEMENT EXTENSION JOINTC

DIG OUT DETAILD

Dynamic CONSULTING ENGINEERS

CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT

2415 IMPERIAL BUSINESS PARK DRIVE, SUITE B., IMPERIAL CA. 92251

TEL. (760) 545-0162 FAX (760) 545-0163

REV.	DATE	REVISION DESCRIPTION

PREPARED UNDER THE DIRECT SUPERVISION OF:

*Carlos Beltran*

CARLOS BELTRAN, P.E.

6/20/2025 DATE

69121 R.C.E. No.

06/30/2026 REG. EXP.

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT

APPROVED FOR CONSTRUCTION BY:

*John A. Gay*

JOHN A. GAY, P.E.

6/24/25 DATE

62028 R.C.E. No.

09/30/2025 REG. EXP.

PUBLIC WORKS DEPARTMENT

COUNTY OF IMPERIAL

EL CENTRO, CALIFORNIA

DATE 6/20/2025

DRAWN DB, FM

SCALE AS SHOWN

CHECKED CB

ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS

COUNTY PROJECT NO. 6622GTW

DETAILS

REFERENCE R-999

PAGE 20 OF 20

REGISTERED PROFESSIONAL ENGINEER

CARLOS BELTRAN

No. 69121

EXP. 6-30-26

CIVIL

STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:

*Carlos Beltran*

CARLOS BELTRAN, P.E.

6/20/2025 DATE

69121 R.C.E. No.

06/30/2026 REG. EXP.

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT

APPROVED FOR CONSTRUCTION BY:

*John A. Gay*

JOHN A. GAY, P.E.

6/24/25 DATE

62028 R.C.E. No.

09/30/2025 REG. EXP.

PUBLIC WORKS DEPARTMENT

COUNTY OF IMPERIAL

EL CENTRO, CALIFORNIA

DATE 6/20/2025

DRAWN DB, FM

SCALE AS SHOWN

CHECKED CB

ROAD REHABILITATION PROJECT FOR VARIOUS COUNTY ROADS AT GATEWAY OF THE AMERICAS

COUNTY PROJECT NO. 6622GTW

DETAILS

REFERENCE R-999

PAGE 20 OF 20



## LEGEND



Project Location

98

98

7

ACH RD.

MEADON  
LARK RD.

MENVILLE RD.

GATEWAY RD.

GATEWAY CSA

Project Location 1  
Maggio Rd.  
Rood Rd.  
Zinetta Rd.  
Pan American Rd.

MAGGIO RD.

Project Location 4  
Menvielle Rd.

CARR RD.

STATE ROUTE 7

ZINETTA RD.

STERGIOS RD.

Project Location 2  
Nina Lee Rd.

CARR RD.

NINA LEE RD.

PAN AMERICAN ST.

ROOD RD.

Project Location 3  
Los Alamos Rd.

LOS ALAMOS RD.

ALAMO RIVER

CALEXICO EAST PORT OF  
ENTRY US/MEXICO  
INTERNATIONAL BORDER

ALL AMERICAN CANAL

MEXICO-U.S.A. BORDER

MEXICALI



NTS



IMPERIAL COUNTY  
PUBLIC WORKS DEPARTMENT  
EL CENTRO, CALIFORNIA

ROAD REHABILITATION PROJECT FOR  
VARIOUS COUNTY ROADS AT GATEWAY  
OF THE AMERICAS, SB1 FUNDED  
PROJECT, COUNTY PROJECT NO.  
6622GTW  
**LOCATION MAP**

DRAWN:  
IN/AG  
DRAWING No.:  
L-1066 A  
DATE  
07-01-25