

EMERGENCY VEHICLE OPERATIONS CENTER (EVOC) ASPHALT & LIGHTING REPLACEMENT

PROJECT No. 10.10.1222

SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT

GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE COMPLETED IN ACCORDANCE WITH THIS PLAN AND COMPLY WITH THE LATEST SAN BERNARDINO COUNTY ROAD PLANNING AND DESIGN STANDARDS MANUAL AS WELL AS THE SAN BERNARDINO COUNTY STANDARDS AND SPECIFICATIONS, AND THE SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS GENERAL PERMIT CONDITIONS AND TRENCH SPECIFICATIONS
- BENCH MARK DATA: SEE TITLE BLOCK INFORMATION BELOW.
- STREET MARKERS PER SAN BERNARDINO COUNTY STANDARD NO. 303, 304A AND 303B SHALL BE CONSTRUCTED AT EACH INTERSECTION.
- STREET MARKERS SHALL BE CONSTRUCTED AT EACH INTERSECTION IN ACCORDANCE WITH APPLICABLE SAN BERNARDINO COUNTY STANDARDS. ALL SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH COUNTY AND STATE SPECIFICATIONS.
- A PERMIT WILL BE REQUIRED FROM THE COUNTY OF SAN BERNARDINO, PROJECT AND FACILITIES DEPARTMENT PRIOR TO ANY ENCROACHMENT OR CONSTRUCTION WITHIN THE COUNTY OF SAN BERNARDINO EASEMENT OR RIGHTS-OF-WAY.
- LEAVE 8"X8" BLOCK OUTS IN SIDEWALKS FOR MAILBOXES, ETC. WHEN SIDEWALK IS PLACED ADJACENT TO CURB.
- IF ASPHALT CONCRETE IS TO BE PLACED DIRECTLY ON SUBGRADE OF ROAD OR DRAINAGE FACILITIES A SOIL STERILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.C. SHALL BE UNIFORMLY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE FOR THE FULL PAVEMENT WIDTH PRIOR TO PAVING.
- PAVEMENT TESTS OF EMBANKMENT CONSTRUCTION, TRENCH BACKFILL, COMPACTING ORIGINAL GROUND, ALL SUBGRADES SHALL BE SUBMITTED TO PROJECT AND FACILITIES MANAGEMENT DEPARTMENT ("COUNTY"), ENGINEER OF RECORD (IMEG), AND COUNTY INSPECTION CONSULTANT (TBD) FOR APPROVAL PRIOR TO PLACEMENT OF BASE MATERIALS AND/OR SURFACING.
- AT THE COMPLETION OF PAVING, A MATERIALS REPORT SHALL BE SUBMITTED TO THE SAN BERNARDINO COUNTY, PROJECT AND FACILITIES MANAGEMENT DEPARTMENT ("COUNTY"), ENGINEER OF RECORD (IMEG), AND COUNTY INSPECTION CONSULTANT (TBD), LISTING ALL TESTS OR DETERMINATIONS COMPLETED TO VERIFY:
 - R-VALUE, SIEVE ANALYSIS AND SAND EQUIVALENT OF AGGREGATE BASES.
 - STABILITY, OIL CONTENT AND SIEVE ANALYSIS OF ASPHALT SURFACING.
- THE WATER MAINS AND THE GAS MAINS SHALL BE PLACED UNDERGROUND PRIOR TO PAVING CONSTRUCTION. THE SERVICE LATERALS FOR THE WATER SYSTEM SHALL BE INSTALLED AT A LATER DATE, WHERE IT IS NECESSARY TO CROSS PAVEMENT, SERVICE LATERALS SHALL BE BORED INTO PLACE.
- FILL AND GRADE TO DRAIN ALL LOW AREAS ABUTTING TRACT ROADS TO A MINIMUM OF 1% GRADES.
- ALL LATERAL CUTS INTO COUNTY MAINTAINED ROADWAYS SHALL BE TESTED TO VERIFY TO 90% RELATIVE COMPACTION (R.C.) AT VARYING DEPTHS TO WITHIN 0.5' OF GRADING PLANE. THE TOP 0.5' SHALL BE DENSIFIED TO 95%.
- ALL LONGITUDINAL CUTS SHALL BE TESTED IN ACCORDANCE WITH THE SPECIFIED LIMITS AND AS OUTLINED IN SECTION 6 OF THE SAN BERNARDINO COUNTY STANDARDS AND SPECIFICATIONS.
- IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE OR CURB AND/OR GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION.
- COUNTY APPROVAL DOES NOT INCLUDE WATER SEWER SYSTEM OR ESTIMATE OF QUANTITIES.
- EXPANSIVE SOILS: IN EXPANSIVE SOIL AREAS, THE SUBGRADE UNDER CURBS, GUTTERS, SIDEWALK AND DRIVEWAY APPROACHES SHALL BE SCARIFIED TO THE DEPTH OF AT LEAST EIGHT (8) INCHES AND MOISTURE SHALL BE APPLIED TO MAINTAIN FREE WATER ON THE SURFACE FOR AT LEAST 24 HOURS PRIOR TO PLACING CONCRETE AND THE SUBGRADE SHALL THEN BE PREPARED WITHOUT COMPACTION EFFORT.
- CURB AND GUTTER: CROSS GUTTER AND SPANDRELS SHALL BE SO CONSTRUCTED THAT A MINIMUM OF PONDING OCCURS, SECTIONS HAVING GRADIENTS OF 0.5% OR FLATTER SHALL BE WATER TESTED IN THE PRESENCE OF THE INSPECTOR IMMEDIATELY PRIOR TO ACCEPTANCE. SECTIONS WHICH HAVE WATER PONDING MORE THAN 8" WIDE OR MORE THAN 4' LONG SHALL BE SAW-CUT AND REMOVED IN LENGTHS NOT LESS THAN 4' AND REPLACED TO REDUCE PONDING TO THE MAXIMUM SPECIFIED.
- IF DURING CONSTRUCTION, GROUND WATER IS ENCOUNTERED, A SYSTEM APPROVED BY THE COUNTY SHALL BE INSTALLED TO DEWATER SAID AREA AT THE DIRECTION OF THE SOILS ENGINEER.
- PRIVATE ROADS SHALL NOT BE ENTERED INTO THE COUNTY MAINTAINED ROAD SYSTEM.
- THE ENGINEER OF RECORD SHALL INSPECT AND CERTIFY THAT ALL PRIVATE ROAD AND DRAINAGE IMPROVEMENTS HAVE BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS.
- ALL 0.40% OR LESS CURB GRADE LINES SHALL BE STAKED AT 25' INTERVALS AND FORMS CERTIFIED BY THE ENGINEER BEFORE POURING CONCRETE.
- EXISTING COUNTY ROADS THAT WILL REQUIRE RECONSTRUCTION SHALL REMAIN OPEN FOR TRAFFIC AT ALL TIMES WITH ADEQUATE DETOURS DURING ACTUAL CONSTRUCTION.
- THE ENGINEER OF RECORD IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE ENGINEER OR RECORD SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISE THE PLAN FOR APPROVAL BY THE COUNTY.
- SHOULD ANY EXISTING STOP SIGN BE LOCATED ON A DEVELOPED CORNER OF AN INTERSECTION, IT MUST BE MAINTAINED IN PLACE NEXT TO THE EXISTING PAVEMENT UNTIL SUCH TIME AS THE WIDENED ROADWAY IS OPEN FOR TRAFFIC. AT THAT TIME, IT WILL BE RELOCATED THREE (3) FEET BEHIND THE NEW CURB IN THE VICINITY OF THE BEGINNING OF THE CURB RETURN OR AS OTHERWISE DIRECTED BY THE ENGINEER.
- KINDER MORGAN CALNEV PIPELINE HAS ANS EXISTING 8" HIGH PRESSURE FUEL LINE TRAVERSING THE SITE. CONTRACTOR SHALL HAVE A COPY OF THE "GUIDELINES FOR DESIGN AND CONSTRUCTION NEAR KINDER MORGAN OPERATED FACILITIES" DOCUMENT AND NOTIFY KINDER MORGAN FOR COORDINATION OF REQUIREMENTS PRIOR TO CONSTRUCTION. LINE SHALL BE CLEARLY INDICATED IN THE FIELD AND NO EXCAVATION SHALL OCCUR WITHIN 30 FEET OF THE PIPELINE WITHOUT A KINDER MORGAN INSPECTOR PRESENT.

TRAFFIC CONTROL - GENERAL NOTES

- ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE 2015 CALTRANS STANDARD PLANS DATED OCTOBER 30, 2015.
- ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
- ALL SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETROREFLECTIVE SHEETING EXCEPT:
 - STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 - "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 - SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
 - STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) RETROREFLECTIVE SHEETING AND CONFORM TO COUNTY STANDARD 303.
 - CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
- ALL DELINEATORS, CHANNELIZERS, AND OBJECT MARKERS SHALL BE OF FHWA TYPE VII RETROREFLECTIVE SHEETING.
- SIGNS SHALL BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARDS 303(A) AND 303(B).
- ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS NOT SHOWN ON PLANS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL SHALL BE ACCOMPLISHED BY SANDBLASTING, GRINDING, OR AS DIRECTED BY COUNTY REPRESENTATIVE.
- ALL CONFLICTING SIGNS SHALL BE REMOVED, RELOCATED, OR COVERED BY THE CONTRACTOR. RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY COUNTY REPRESENTATIVE.
- ALL UNPROTECTED LOCATIONS RESULTING IN ISOLATED ABRUPT DEPRESSIONS OR ELEVATED OBJECTS (I.E. CATCH BASINS, HEADWALLS, POWER POLES, END TREATMENT OF ASPHALT DIKES AND CONCRETE CURBS) SHALL BE PROTECTED BY DELINEATORS OR BARRIERS PER THE CALIFORNIA MUTCD LATEST EDITION.
- ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET STOP, STOP LIMIT LINE, AND CROSSWALK PAVEMENT MARKINGS) NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- THE CONTRACTOR SHALL NOTIFY COUNTY REPRESENTATIVE TO SCHEDULE A FINAL REVIEW (WALK THROUGH) WITH TRAFFIC DIVISION PERSONNEL FOR APPROVAL OF TRAFFIC CONTROL DEVICES PRIOR TO PROJECT ACCEPTANCE.

RAW EARTHWORK QUANTITIES

PROJECT SCOPE	CUT	FILL	NET
EVOC IMPROVEMENTS	987 CY	95 CY	*892 CY
ADD-ALTERNATE #1 (EAST PARKING LOT)	209 CY	289 CY	*80 CY (IMPORT)
ADD-ALTERNATE #2 (WEST PARKING LOT)	690 CY	30 CY	*660 CY (EXPORT)

- *NOTES:**
- THE ESTIMATED QUANTITIES PROVIDED ABOVE ARE FOR REFERENCE ONLY AND TO BE USED FOR JURISDICTIONAL PLAN CHECKING AND PERMITTING PURPOSES ONLY.
 - ESTIMATED EARTHWORK QUANTITIES ARE BASED ON COMPARISON OF FINISH GRADES TO EXISTING GRADES IN THE TOPOGRAPHIC SURVEY. THE ESTIMATED EARTHWORK DOES NOT CONSIDER PAVEMENT SECTION THICKNESSES, SHRINKAGE AND SWELLING FACTORS, FOUNDATION SYSTEMS, WALL FOOTINGS, THE REMOVAL OF ANY UNSUITABLE MATERIAL, AND THE REMOVAL OF EXISTING UNDERGROUND STRUCTURES, UTILITIES, TOP SOIL, OR VEGETATION.
 - THE CONTRACTOR SHALL CALCULATE THEIR OWN EARTHWORK QUANTITIES NECESSARY FOR THEIR BID AND WORK. IMEG CORP. IS NOT LIABLE FOR THE CONTRACTOR'S EARTHWORK CALCULATIONS.
 - ESTIMATED EARTHWORK QUANTITIES ABOVE ASSUME THAT ALL ON-SITE MATERIALS ARE SUITABLE FOR BACKFILLING. HOWEVER, ADDITIONAL TESTING ON-SITE MATERIALS AND IMPORTED MATERIALS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION, REMOVAL, OR REPLACEMENT.

SIGNING AND STRIPING CONSTRUCTION NOTES

- INSTALL TWO-WAY YELLOW RETROREFLECTIVE PAVEMENT MARKER PER CALTRANS STD. PLAN A20B, DETAIL 25A ON SHEET 32. 1 EA.
- PAINT YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 1 ON SHEET 32. 6,759 LF.
- PAINT WHITE LANE LINE PER CALTRANS STD. PLAN A20A, DETAIL 8 ON SHEET 32. 1,628 LF.
- PAINT WHITE EDGELINES PER CALTRANS STD. PLAN A20B, DETAIL 27B ON SHEET 32. 10,799 LF.
- PAINT 6-INCH WIDE SOLID YELLOW LINE. 1,941 LF.
- PAINT 6-INCH WIDE SOLID WHITE LINE. 313 LF.
- PAINT 'STOP' PAVEMENT MARKING PER CALTRANS STD. PLAN A24D ON SHEET 32. 27 EA.
- PAINT 4-INCH WIDE SOLID WHITE LINE. 3,990 LF.
- PAINT HANDICAP PARKING STRIPING WITH SYMBOL AND INSTALL MARKINGS PER CALTRANS STD. PLAN A90A ON SHEET 32. 2 EA.
- PAINT 12-INCH WIDE SOLID WHITE LIMIT LINE PER CALTRANS STD. PLAN A24G ON SHEET 32. 375 LF.
- RELOCATE EXISTING SIGN TO THIS LOCATION. 4 EA.
- PAINT RAILROAD WARNING MARKINGS PER CALTRANS STD. PLAN A20B ON SHEET 32. 12 EA.
- PAINT DOUBLE YELLOW CENTERLINE MARKING PER CALTRANS STD. PLAN A20A, DETAIL 21 ON SHEET 32. 2,481 LF.
- PAINT 'SLOW AND SCHOOL XING' PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D ON SHEET 32. 2 EA.
- PAINT SOLID YELLOW AND BROKEN YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 15 ON SHEET 32. 506 LF.
- PAINT CROSSWALK PAVEMENT MARKING PER CALTRANS STD. PLAN A24F ON SHEET 32. 555 LF.

PAVING CONSTRUCTION NOTES

- CONSTRUCT 4" ASPHALT CONCRETE PAVEMENT OVER 5" COMPACTED SUBGRADE PER RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. CONSTRUCT EDGE OF PAVEMENT PER APPLICABLE CONDITION, SEE DETAIL 2 ON SHEET 33. 23,623 TON
- CONSTRUCT 6-1/2" PCC PAVEMENT OVER 5" COMPACTED SUBGRADE PER RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. SEE DETAIL 1 ON SHEET 33. 2,989 SF.
- CONSTRUCT TRANSITION CURB FROM 0' TO JOIN EXISTING HEIGHT CURB PER DETAIL 4 ON SHEET 33. 226 LF.
- CONSTRUCT CURB RAMP PER CALTRANS STD. PLAN A88A, CASE A ON SHEET 33. 1 EA.
- CONSTRUCT DRIVEWAY WITH CURB RETURNS PER COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS STD. PLAN 129B ON SHEET 33 WITH MODIFICATIONS AS FOLLOWS: APPROACH LENGTH AND SIDEWALK WIDTH PER PLAN. 426 SF.
- CONSTRUCT PCC CURB PER CALTRANS STD. PLAN A87A, TYPE 'A1' ON SHEET 33. 993 LF.
- CONSTRUCT 4" PCC SIDEWALK PER COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS STD. PLAN 109 ON SHEET 33. 190 SF.
- PRESERVE AND PROTECT EXISTING STORM DRAIN INLET, ADJUST TO FINISH GRADE IF NECESSARY. 1 EA.

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

SEE GENERAL CONDITIONS FOR REQUIRED INDEMNIFICATION.

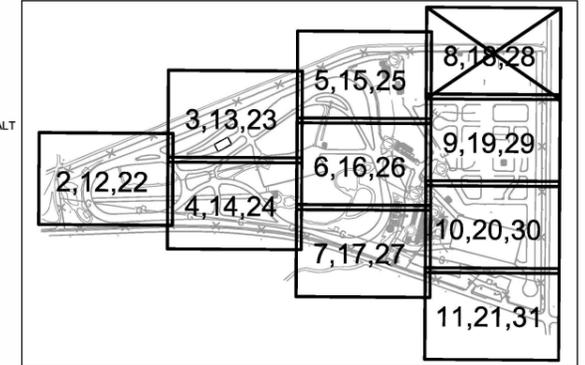
LEGEND

- EXISTING ASPHALT TO BE REMOVED
- EXISTING BROKEN ASPHALT TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING LANDSCAPE TO BE REMOVED
- EXISTING CONCRETE TO REMAIN
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT

- WATER SPIGOT
- FIRE HYDRANT
- VALVE/WATER VALVE
- POST INDICATOR VALVE
- WATER METER
- FIRE DEPARTMENT CONNECTION
- SANITARY SEWER MANHOLE
- SEWER CLEANOUT
- DROP INLET
- ELECTRICAL JUNCTION BOX / PULLBOX
- LIGHT POLE - LUMINAIRE
- GUY WIRE
- ELECTRICAL PULLBOX
- POWER POLE
- COMMUNICATION VAULT
- TIRE
- WHEEL STOP
- ROADSIDE SIGN
- STREET SIGN
- TRAFFIC SIGNAL
- PYLONS
- UNKNOWN MH
- STORM DRAIN
- GAS
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- UG COMMUNICATION DUCTBANK
- CHAIN LINK FENCE
- GUARDRAIL
- LANE STRIPING
- LIMITS OF DEMOLITION / WORK
- SAWCUT LINE
- LIMITS OF GRADING / JOIN EXISTING

ABBREVIATIONS

- | | | | |
|------|------------------|------|--------------------------|
| AC | ASPHALT CONCRETE | FL | FLOWLINE |
| B-B | BACK TO BACK | FS | FINISH SURFACE |
| BIT | BITUMINOUS | GRVL | GRAVEL |
| BLDG | BUILDING | GUT | GUTTER |
| BLVD | BOULEVARD | L | LENGTH |
| BC | BACK OF CURB | LF | LINEAL/LINEAR FEET |
| BRK | BRICK | LS | LANDSCAPING |
| BW | BOTTOM OF WALL | PCC | PORTLAND CEMENT CONCRETE |
| C&G | CURB AND GUTTER | PR | PROPOSED |
| CF | CURB FACE | PVMT | PAVEMENT |
| CL | CENTERLINE | R | RADIUS |
| CONC | CONCRETE | RD | ROAD |
| CY | CUBIC YARD | RL | REFERENCE LINE |
| Δ | DELTA ANGLE | RR | RAILROAD |
| DC | DEPRESSED CURB | SF | SQUARE FEET |
| DIA | DIAMETER | SHLD | SHOULDER |
| DRV | DRIVEWAY | ST | STREET |
| EA | EACH | STD | STANDARD |
| E-E | EDGE TO EDGE | SW | SIDEWALK |
| EL | ELEVATION | SY | SQUARE YARD |
| EP | EDGE OF PAVEMENT | TC | TOP OF CURB |
| EX | EXISTING | TEMP | TEMPORARY |
| FFN | FOUNDATION | TW | TOP OF WALL |
| FF | FINISH FLOOR | UNO | UNLESS NOTED OTHERWISE |
| FG | FINISH GRADE | UG | UNDERGROUND |



INDEX MAP SCALE 1"= 500'

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6	DEMOLITION PLAN
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8	DEMOLITION PLAN
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Underground Service Alert



BENCHMARK

NATIONAL GEODETIC SURVEY BENCHMARK
 DESIGNATION: RF 51
 ID: EV9108
 DATE: NAVD 88
 ELEVATION: 1084.9 FEET
 DESCRIPTION: 0.5 M SOUTHWEST ALONG PALM AVENUE FROM ITS JUNCTION WITH INTERSTATE 15; 0.5 M WEST AND 0.5 M NORTHWEST ALONG INSTITUTION ROAD 23.5 M (77.1 FT) N OF THE CENTERLINE OF THE ROAD 6.5 M (21.3 FT) E OF THE CENTER OF A TRUNK ROAD 1.9 M (6.2 FT) W OF A UTILITY POLE NUMBER 1891821E 0.3 M (0.9 FT) S OF A WITNESS POST 0.3 M (1.0 FT) ABOVE THE ROAD 0.3 M (1.0 FT) BELOW THE GROUND SURFACE.

PREPARED BY:



MARK REVISIONS APPR DATE

MARK	REVISIONS	APPR	DATE

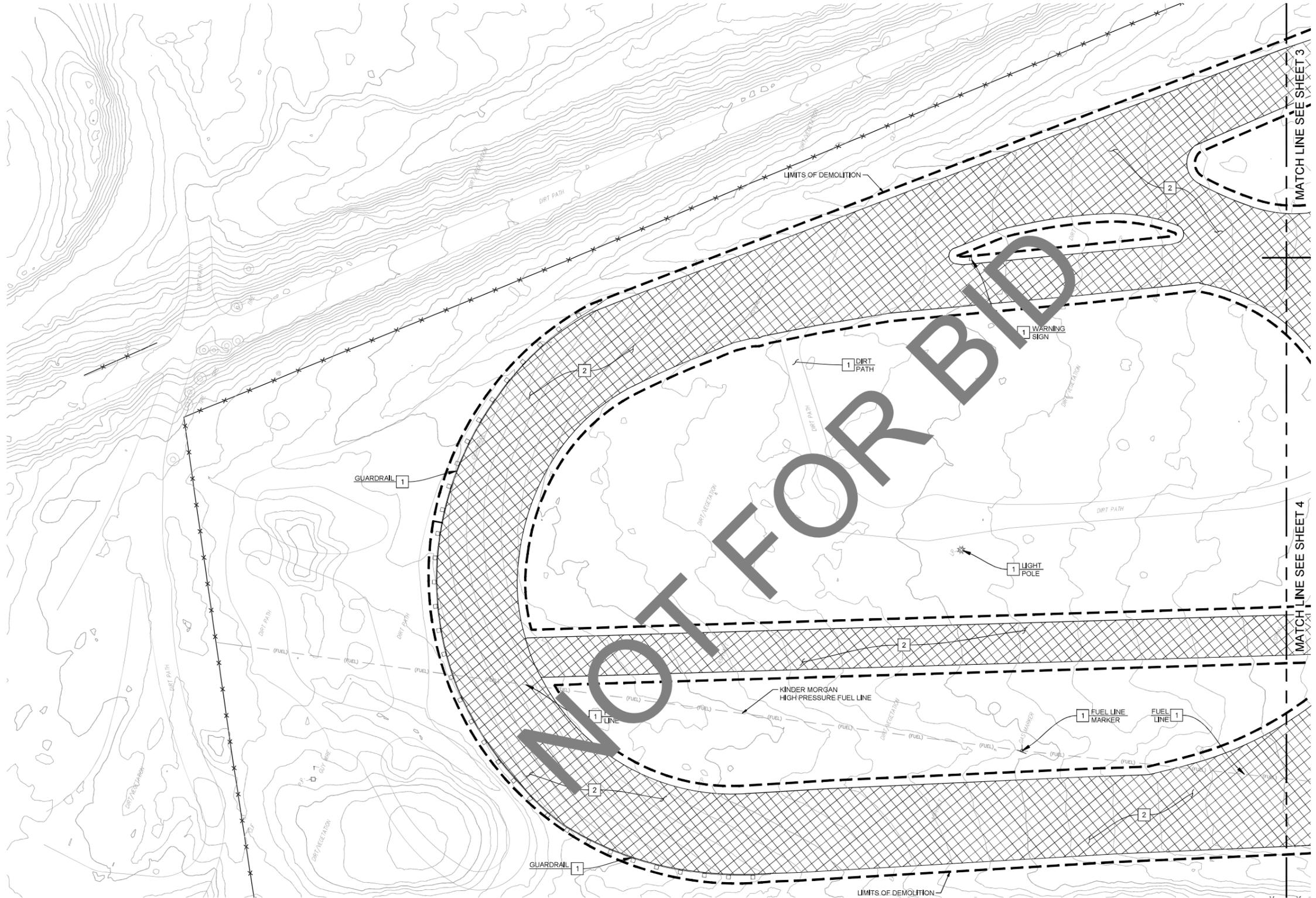


SAN BERNARDINO COUNTY PROJECT AND FACILITIES MANAGEMENT DEPARTMENT	
RECOMMENDED BY:	
APPROVED BY:	
ELBY MARK PROJECT MANAGER II	DATE

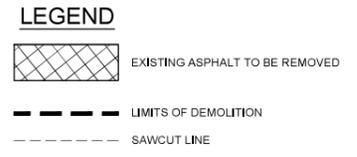
SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT
 EMERGENCY VEHICLE OPERATIONS CENTER
 ASPHALT & LIGHTING REPLACEMENT
 PROJECT NO. 10.10.1222

ROAD NO.
 FILE NO.
 TITLE SHEET

SHEET 1 OF 44



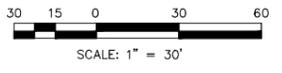
- DEMOLITION NOTES**
- 1 PROTECT-IN-PLACE ITEM NOTED PER PLAN.
 - 2 REMOVE EXISTING PAVEMENT AND BASE MATERIAL, FULL DEPTH.



- SHEET NOTES**
1. FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS, SEE SHEET 1.
 2. FOR NEW LOCATION OF RELOCATED ITEMS AND COORDINATION OF DEMOLITION, SEE PAVING PLANS, SHEETS 12 TO 21.
 3. PROTECT-IN-PLACE ALL EXISTING UTILITIES UNLESS NOTED OTHERWISE.
 4. COORDINATE EXISTING LIGHT POLES WITH ELECTRICAL DRAWINGS.
 5. PROTECT-IN-PLACE, RELOCATE OR RESET AS NECESSARY ALL EXISTING PORTABLE TRAFFIC CONTROL DEVICES THAT MAY OR WILL BE IMPACTED BY THE WORK UNLESS NOTED OTHERWISE.

NOTE

KINDER MORGAN'S CALNEV PIPELINE HAS AN EXISTING 8" HIGH PRESSURE FUEL LINE TRAVERSING THE SITE. CONTRACTOR SHALL HAVE A COPY OF THE "GUIDELINES FOR DESIGN AND CONSTRUCTION NEAR KINDER MORGAN OPERATED FACILITIES", DOCUMENT AND NOTIFY KINDER MORGAN FOR COORDINATION OF REQUIREMENTS PRIOR TO CONSTRUCTION. LINE SHALL BE CLEARLY INDICATED IN THE FIELD AND NO EXCAVATION SHALL OCCUR WITHIN 30 FEET OF THE PIPELINE WITHOUT A KINDER MORGAN INSPECTOR PRESENT.



Underground Service Alert

Call: TOLL FREE
1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK
NATIONAL GEODETIC SURVEY BENCHMARK
DESIGNATION: RF 51
ELEVATION: 1956.43 FEET
DESCRIPTION: 0.6 KM SOUTHWEST ALONG PALM AVENUE FROM ITS JUNCTION WITH INTERSTATE HIGHWAY 215 AND HIGHWAY 206. THENCE 0.2 KM SOUTHWESTERLY ALONG INSTITUTION ROAD 23.5 M (77.1 FT) N OF THE CENTERLINE OF THE ROAD 62 M (203 FT) E OF THE CENTER OF A TRUCK ROAD 1.8 M (5.9 FT) W OF A UTILITY POLE NUMBER 1891621E 0.4 M (1.3 FT) S OF A WITNESS POST 0.3 M (1.0 FT) ABOVE THE ROAD 0.2 M (0.7 FT) BELOW THE GROUND SURFACE.

PREPARED BY:

801 VIA PIEMONTE SUITE 800
CANTON, CA 91764
PROJECT # 2200639400

PH 909.477.6915
FAX 909.477.6916
www.imeg.com

JOHN M. THOMPSON
RCE NAME

C82557
RCE NO.

11/07/23
DATE



MARK	REVISIONS	APPR	DATE

SAN BERNARDINO COUNTY
PROJECT AND FACILITIES MANAGEMENT DEPARTMENT

RECOMMENDED BY: _____

APPROVED BY: _____

ELSY BAHNS
PROJECT MANAGER III

DATE: _____

SAN BERNARDINO COUNTY
SHERIFF'S DEPARTMENT

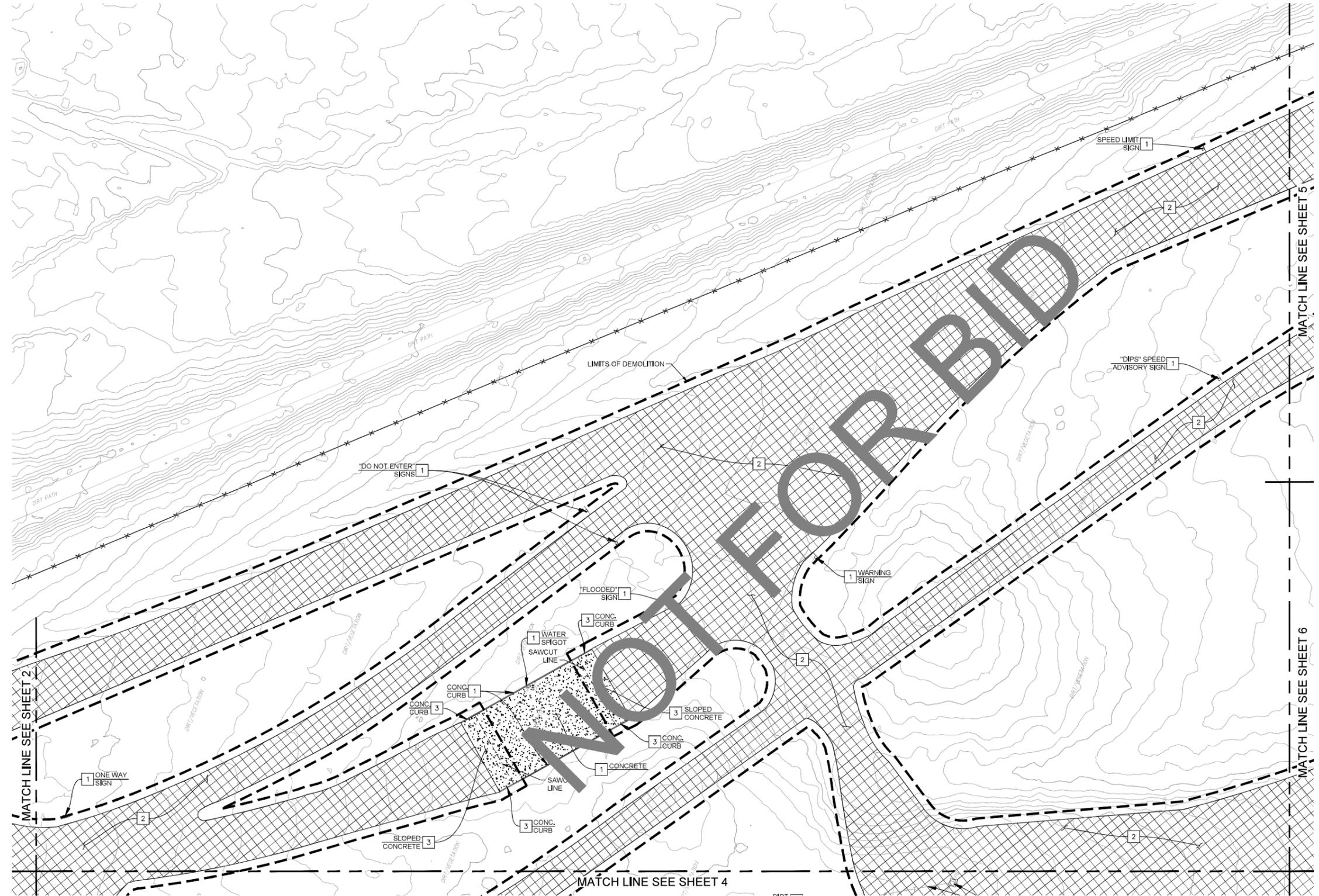
EMERGENCY VEHICLE OPERATIONS CENTER
ASPHALT & LIGHTING REPLACEMENT
PROJECT NO. 10.10.1222

DEMOLITION PLAN

ROAD NO. _____

FILE NO. _____

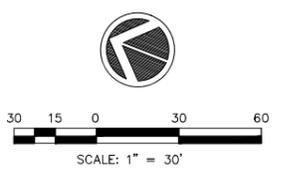
SHEET 2 OF 44



- DEMOLITION NOTES**
- 1 PROTECT-IN-PLACE ITEM NOTED PER PLAN.
 - 2 REMOVE EXISTING PAVEMENT AND BASE MATERIAL, FULL DEPTH.
 - 3 REMOVE ITEM NOTED PER PLAN.

- LEGEND**
- EXISTING ASPHALT TO BE REMOVED
 - EXISTING CONCRETE TO REMAIN
 - EXISTING CONCRETE TO BE REMOVED
 - LIMITS OF DEMOLITION
 - SAWCUT LINE

- SHEET NOTES**
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PREPARED BY:

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PROJECT # 2200639400

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JOHN M. THOMPSON
RCE NAME

C82557
RCE NO.

11/07/23
DATE

MARK	REVISIONS	APPR	DATE

SAN BERNARDINO COUNTY
PROJECT AND FACILITIES MANAGEMENT DEPARTMENT

RECOMMENDED BY: _____

APPROVED BY: _____

ELSY BANKS
PROJECT MANAGER III

DATE: _____

SAN BERNARDINO COUNTY
SHERIFF'S DEPARTMENT

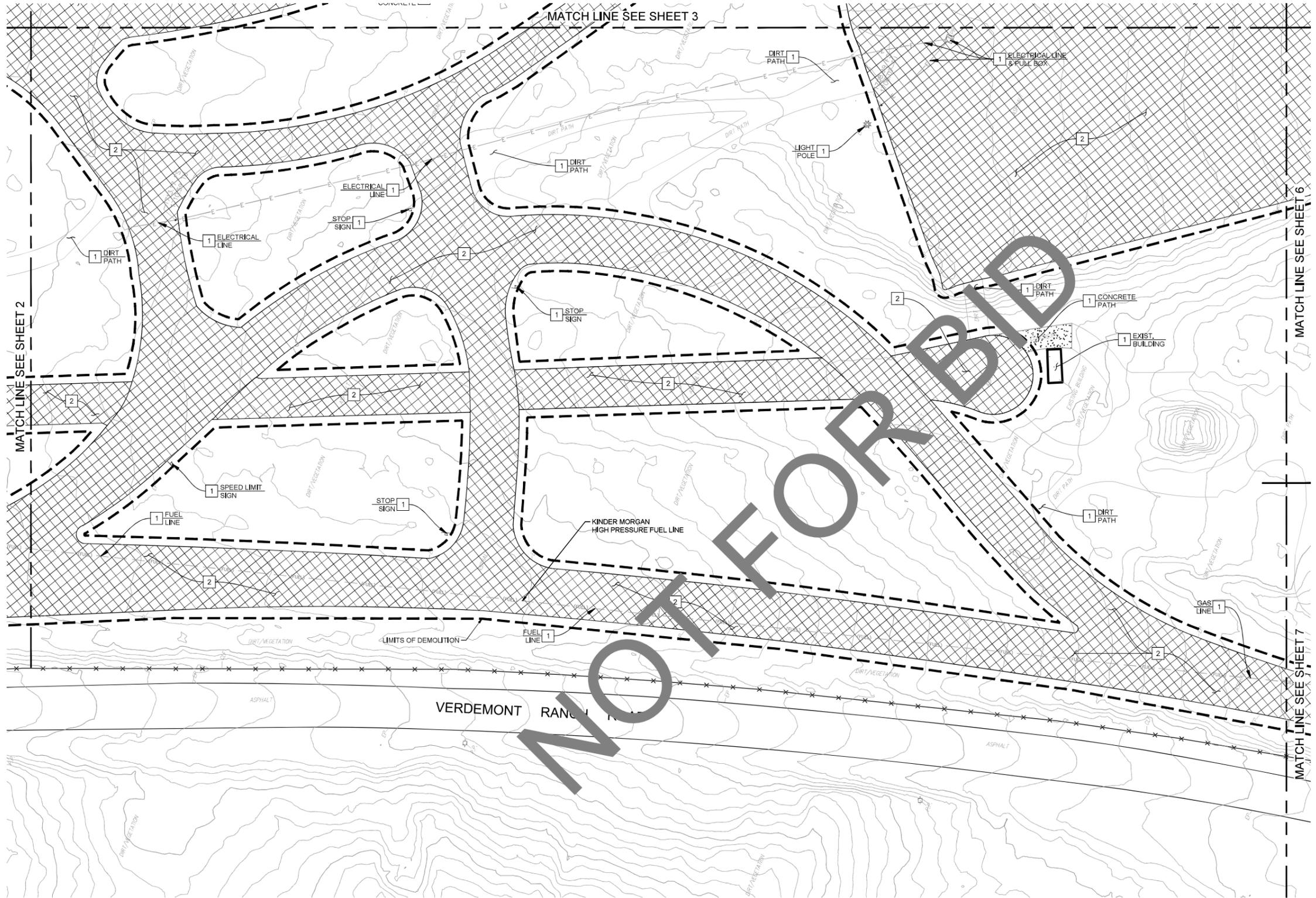
EMERGENCY VEHICLE OPERATIONS CENTER
ASPHALT & LIGHTING REPLACEMENT
PROJECT NO. 10.10.1222

DEMOLITION PLAN

ROAD NO. _____

FILE NO. _____

SHEET 3 OF 44



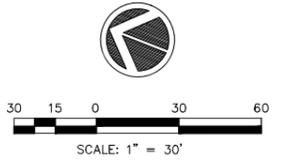
- ### DEMOLITION NOTES
- 1 PROTECT-IN-PLACE ITEM NOTED PER PLAN.
 - 2 REMOVE EXISTING PAVEMENT AND BASE MATERIAL, FULL DEPTH.

- ### LEGEND
- EXISTING ASPHALT TO BE REMOVED
 - LIMITS OF DEMOLITION
 - SAWCUT LINE

- ### SHEET NOTES
1. FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS, SEE SHEET 1.
 2. FOR NEW LOCATION OF RELOCATED ITEMS AND COORDINATION OF DEMOLITION, SEE PAVING PLANS, SHEETS 12 TO 21.
 3. PROTECT-IN-PLACE ALL EXISTING UTILITIES UNLESS NOTED OTHERWISE.
 4. COORDINATE EXISTING LIGHT POLES WITH ELECTRICAL DRAWINGS.
 5. PROTECT-IN-PLACE, RELOCATE OR RESET AS NECESSARY ALL EXISTING PORTABLE TRAFFIC CONTROL DEVICES THAT MAY OR WILL BE IMPACTED BY THE WORK UNLESS NOTED OTHERWISE.

NOTE

KINDER MORGAN'S CALNEV PIPELINE HAS AN EXISTING 8" HIGH PRESSURE FUEL LINE TRAVERSING THE SITE. CONTRACTOR SHALL HAVE A COPY OF THE "GUIDELINES FOR DESIGN AND CONSTRUCTION NEAR KINDER MORGAN OPERATED FACILITIES", DOCUMENT AND NOTIFY KINDER MORGAN FOR COORDINATION OF REQUIREMENTS PRIOR TO CONSTRUCTION. LINE SHALL BE CLEARLY INDICATED IN THE FIELD AND NO EXCAVATION SHALL OCCUR WITHIN 30 FEET OF THE PIPELINE WITHOUT A KINDER MORGAN INSPECTOR PRESENT.



Underground Service Alert

Call: TOLL FREE
1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK

NATIONAL GEODETIC SURVEY BENCHMARK

DESIGNATION: RF 51
 PD: EV9108
 DATUM: NAVD 83
 ELEVATION: 1064.3 FEET

DESCRIPTION: 0.6 KM SOUTHWEST ALONG PALM AVENUE FROM ITS JUNCTION WITH INTERSTATE HIGHWAY 215 AND HIGHWAY 205. THENCE 0.2 KM SOUTHWESTERLY ALONG INSTITUTION ROAD 23.5 M (77.1 FT) N OF THE CENTERLINE OF THE ROAD 6.0 M (19.7 FT) E OF THE CENTER OF A TRUCK ROAD 1.8 M (5.9 FT) W OF A UTILITY POLE. NUMBER 1891621E (0.3 M (0.9 FT) S OF A WITNESS POST 0.3 M (1.0 FT) ABOVE THE ROAD 0.2 M (0.7 FT) BELOW THE GROUND SURFACE.

PREPARED BY:

IMEG

801 VIA PIEMONTE SUITE 800
 OAKLAND, CA 94764
 PROJECT # 2200639400

PH: 909.477.8915
 FAX: 909.477.8916
 www.imeg.com

JOHN M. THOMPSON
 RCE NAME

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11/07/23
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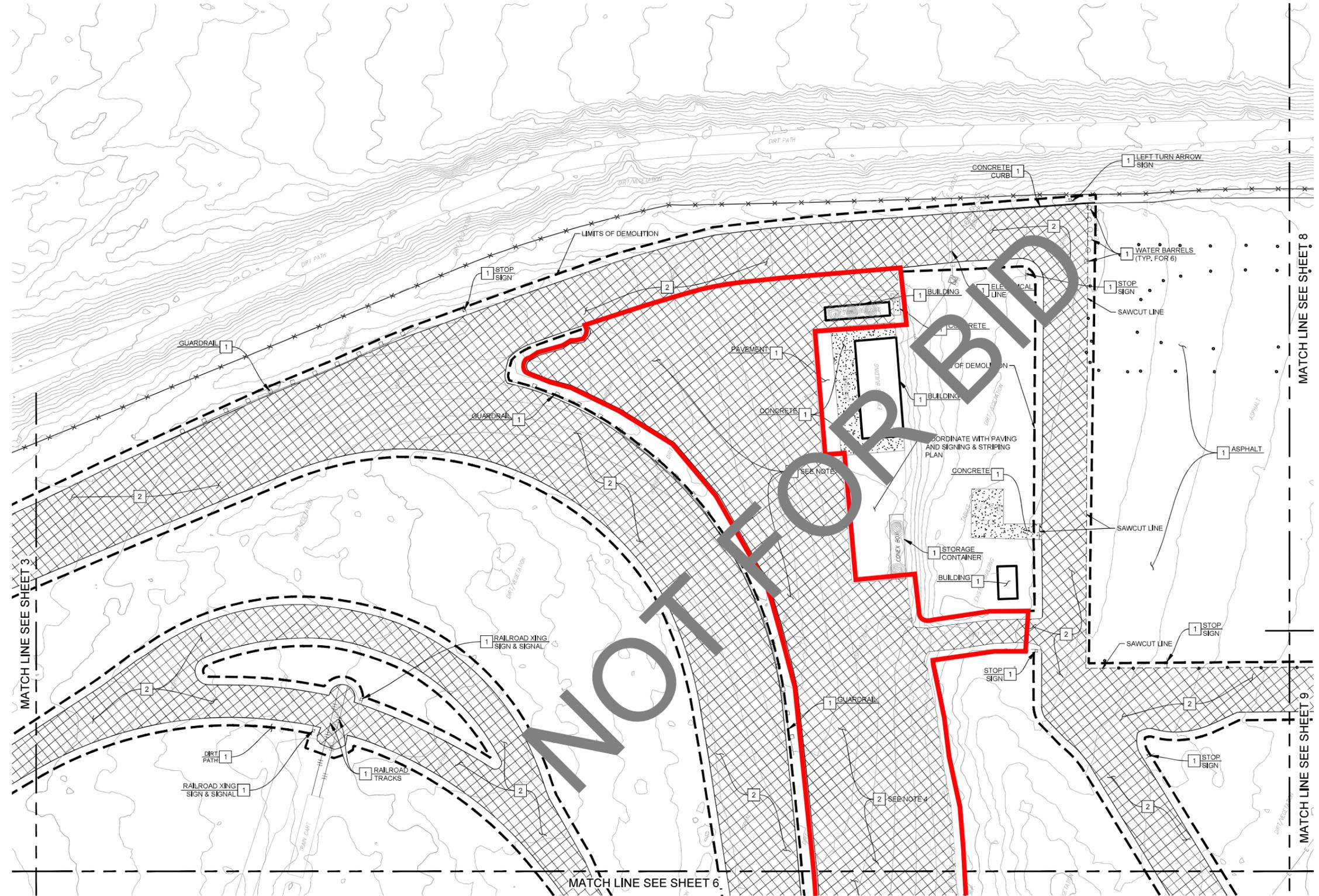
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DEMOLITION PLAN

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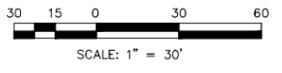
SHEET 4 OF 44



- DEMOLITION NOTES**
- 1 PROTECT-IN-PLACE ITEM NOTED PER PLAN.
 - 2 REMOVE EXISTING PAVEMENT AND BASE MATERIAL, FULL DEPTH.

- LEGEND**
- EXISTING ASPHALT TO BE REMOVED
 - EXISTING CONCRETE TO REMAIN
 - LIMITS OF DEMOLITION
 - SAWCUT LINE
 - ADD-ALTERNATE #1 LIMITS OF WORK

- SHEET NOTES**
1. FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS, SEE SHEET 1.
 2. FOR NEW LOCATION OF RELOCATED ITEMS AND COORDINATION OF DEMOLITION, SEE PAVING PLANS, SHEETS 12 TO 21.
 3. PROTECT-IN-PLACE ALL EXISTING UTILITIES UNLESS NOTED OTHERWISE.
 4. CONTRACTOR TO INCLUDE DEMOLITION OF THIS PARKING LOT AS AN ADD ALTERNATE IN THE BID DOCUMENTS.
 5. COORDINATE EXISTING LIGHT POLES WITH ELECTRICAL DRAWINGS.
 6. PROTECT-IN-PLACE, RELOCATE OR RESET AS NECESSARY ALL EXISTING PORTABLE TRAFFIC CONTROL DEVICES THAT MAY OR WILL BE IMPACTED BY THE WORK UNLESS NOTED OTHERWISE.



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 CANTON, CA 91764
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 EMERGENCY VEHICLE OPERATIONS CENTER
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 PROJECT NO. 10.10.1222
 DEMOLITION PLAN

ROAD NO.
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 SHEET 5 OF 44