

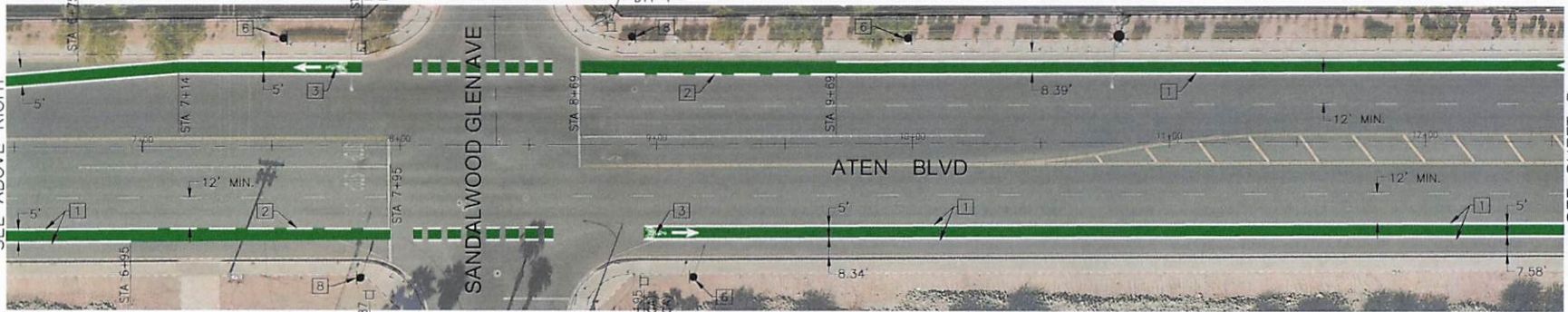
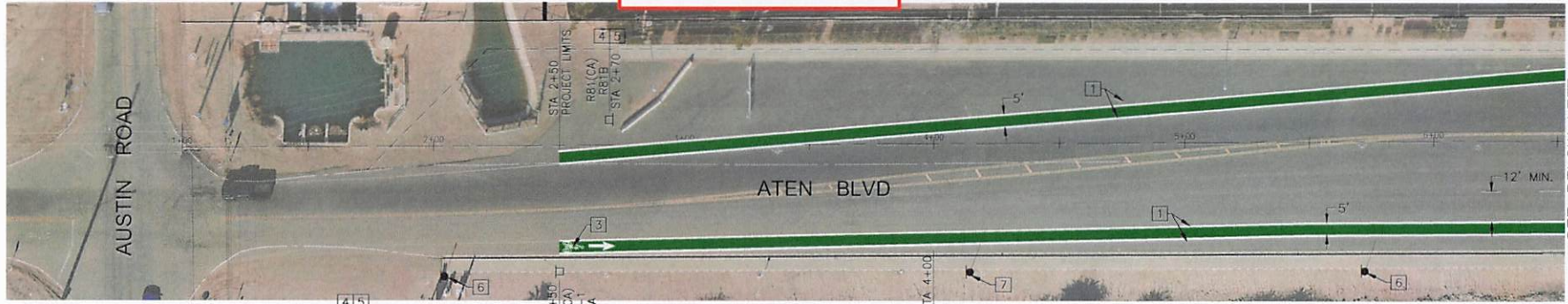
DATE SUBMITTED 03/13/2024
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 03/13/2024

COUNCIL ACTION (x)
 PUBLIC HEARING REQUIRED ()
 RESOLUTION ()
 ORDINANCE 1ST READING ()
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS ()

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

| | |
|--|---|
| SUBJECT: DISCUSSION/ACTION: ATEN BOULEVARD CLASS II BIKE LANE FROM VILORE WAY TO AUSTIN ROAD, CALTRANS PROJECT NO. CML-5134(026). 1. AUTHORIZATION TO SEEK BIDS FOR THE CONSTRUCTION OF ATEN BLVD CLASS II BIKE LANE FROM VILORE WAY TO AUSTIN RD | |
| DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT | |
| BACKGROUND/SUMMARY: City staff has secured an allocation to receive federal funding up to \$364,424.00 through the Congestion Mitigation and Air Quality (CMAQ) program for the above-referenced project. The City will be matching the funding in amount of \$47,234.00 0 through LTA Measure D. The scope of work includes, but is not limited to, the removal of existing striping and signs, the installation of high-visibility thermoplastic Class II bike lanes and traffic signs, as well as necessary traffic control around the construction zones. See Exhibit A attached herewith for details. The Community Development Department is requesting authorization to seek bids for the construction of said bike lanes project. | |
| FISCAL IMPACT: \$364,424.00 from CMAQ \$47,234.00 0 from LTA Measure D. | ADMIN SERVICES SIGN INITIALS <u>JMS</u> |
| STAFF RECOMMENDATION: Authorize Community Development Department to seek bids through a competitive bidding process for the construction of the Aten Boulevard Class II Bike Lanes from Vilore Way to Austin Road, Caltrans Project No. CML-5134(026). | DEPT. INITIALS <u>DM</u> |
| MANAGER'S RECOMMENDATION: <i>approve seeking bids</i> | CITY MANAGER'S INITIALS <u>JHM</u> |
| MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO: | |

EXHIBIT A

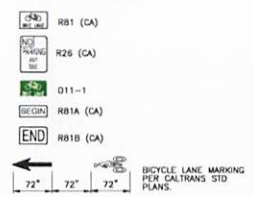


MATCH LINE SEE BELOW LEFT STA 6+50

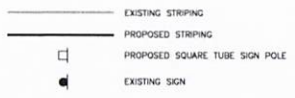
MATCH LINE SEE SHEET 3 STA 12+50

- NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING THE INSTALLATION, REMOVAL OR MODIFICATION OF ALL SIGNING AND STRIPING SHOWN ON THESE PLANS.
 2. THE APPLICATION OF THE TRAFFIC CONTROL DEVICES AND THEIR PLACEMENT SHALL CONFORM TO THE CURRENT CALIFORNIA "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES."
 3. IN ADDITION TO THE GUIDELINES PROVIDED BY THE ABOVE REFERENCED MANUAL OF TRAFFIC CONTROLS FOR THE SELECTION OF THE MOST APPROPRIATE DEVICES AND THEIR PLACEMENT, THE TRAFFIC CONTROL DETAIL DESCRIBED IN SHEET NO. T-9 THROUGH T-17 OF THE CALIFORNIA STANDARD PLANS 2015 EDITION SHALL BE USED IN SITUATION REQUIRING LANE CLOSURES OR DETOURING THE PATH OF VEHICLES IN VARIOUS STAGES OF CONSTRUCTION.
 4. CONTRACTOR SHALL REMOVE AND SALVAGE ALL EXISTING CONFLICTING SIGNS, PAVEMENT MARKERS AND HYDROBLAST ALL CONFLICTING EXISTING STRIPING AND PAVEMENT MARKINGS.
 5. ALL TRAFFIC STRIPING, PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL BE INSTALLED BY THE CONTRACTOR AND CONFORM TO CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, DATED JANUARY 2015 AND THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES DATED 2014 (REVISION 6).
 6. NO STRIPING MAY BE DONE PRIOR TO FIELD INSPECTION AND APPROVAL BY THE ENGINEER IN THE FIELD. STRIPING SHALL NOT BE PLACED UNTIL SPOTTED. CONTRACTOR SHALL CONTACT THE PUBLIC WORKS ENGINEER DIVISION, TWO WORKING DAYS PRIOR TO STRIPING INSTALLATION TO SCHEDULE FOR INSPECTION.
 7. TRAFFIC STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS, DATED JANUARY 2015.
 8. THE APPLICATION ON THERMOPLASTIC MATERIALS SHALL BE IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS SECTION 84-2.04, DATED JANUARY 2015.
 9. FOR NEW PROPOSED PARKING RESTRICTIONS, CONTRACTOR SHALL INSTALL RED CURB OR "NO STOPPING ANYTIME" SIGNS AS INDICATED ON PLANS 24-HOURS PRIOR TO MARK OUT OF PROPOSED STRIPING.

MUTCD SIGNS:



LEGEND:



STRIPING & SIGNAGE NOTES:

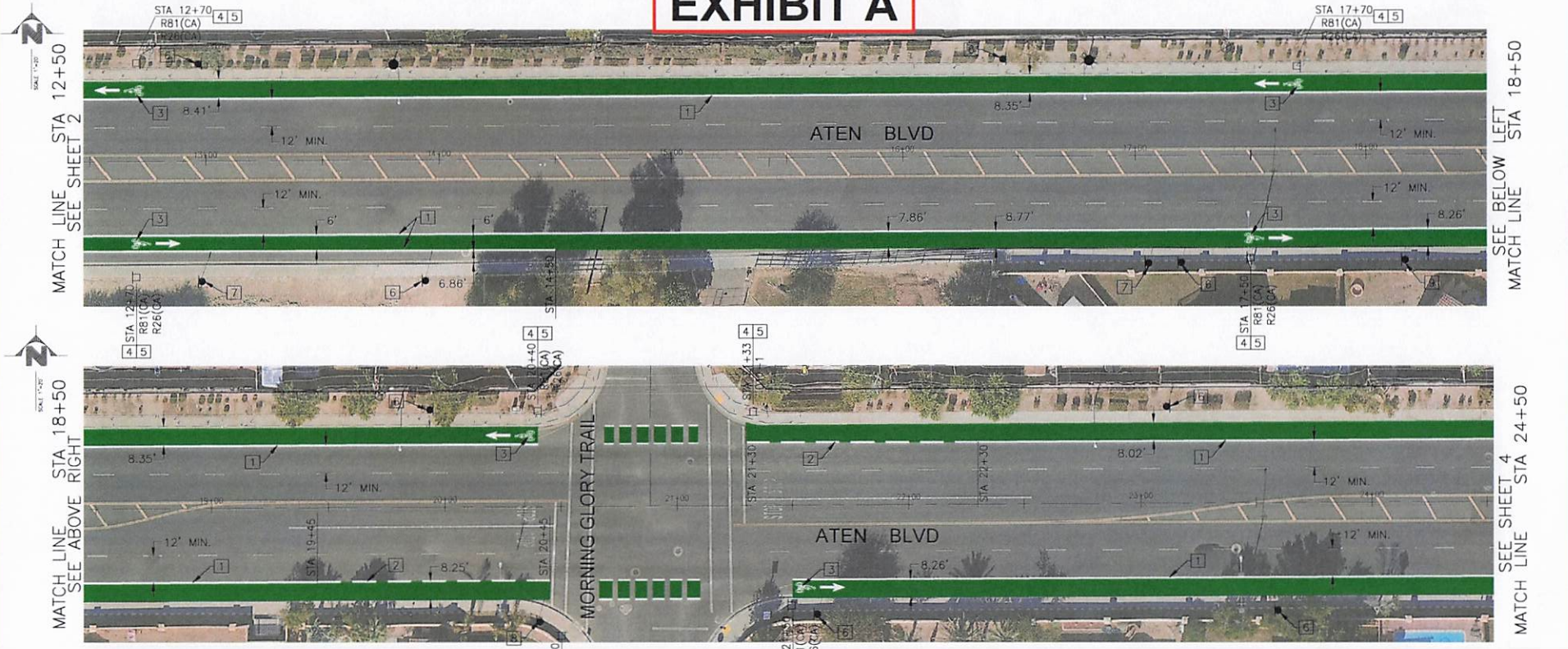
- [1] INSTALL THERMOPLASTIC 6-INCH WIDE SOLID WHITE LANE LINE.
- [2] INSTALL THERMOPLASTIC 6-INCH WIDE SKIP WHITE LANE LINE. PER CALTRANS PLAN NO A200 DETAIL 30A.
- [3] INSTALL THERMOPLASTIC WHITE BIKE LANE ARROW PAVEMENT MARKINGS PER CALTRANS STANDARD PLAN NO A24A AND INSTALL BIKE LANE SYMBOL PAVEMENT MARKINGS PER CALTRANS STANDARD PLAN NO A24C.
- [4] FURNISH AND INSTALL 2" GALVANIZED SQUARE TUBING SIGN POLE.
- [5] FURNISH AND INSTALL SIGN AS INDICATED ON PLAN.
- [6] EXISTING "BIKE LANE NO PARKING" SIGN TO BE REMOVED.
- [7] EXISTING "SPEED LIMIT" SIGN TO REMAIN.
- [8] EXISTING "STOP" SIGN TO REMAIN.



| <p>DIG ALERT</p> <p>1-800-4-A-DIG OR 811 TWO FULL WORKING DAYS BEFORE YOU DIG</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>BY</th> <th>MARK</th> <th>REVISIONS</th> <th>APPR. DATE</th> <th>CITY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> | DATE | BY | MARK | REVISIONS | APPR. DATE | CITY | | | | | | | <p>APPROVED BY DIRECTOR OF PUBLIC SERVICES</p> <p>CITY OF IMPERIAL, CA</p> <p>BY: JACKIE LOPER DATE: _____</p> | <p>ENGINEER OF RECORD</p> <p>PLANS PREPARED UNDER THE SUPERVISION OF</p> <p>BY: CARLOS CORRALES DATE: _____</p> <p>R.C.E. NO.: 55432</p> | <p>SEAL</p> | <p>LC ENGINEERING CONSULTANTS INC.</p> <p>11450 Wilshire Blvd., Suite 200, Los Angeles, CA 90025 4055 N. State Street, El Cerrito, CA 94530</p> <p>DATE: 01/14/23 BENCHMARK: SEE SHEET NO. 1</p> | <p>CITY OF IMPERIAL</p> <p>IMPROVEMENT PLANS</p> <p>STRIPING & SIGNAGE PLAN</p> <p>ATEN BLVD CLASS B BIKE LANE FROM WILSHIRE HWY TO AUSTIN ROAD CML 5134(02B)</p> <p>DATE: 01/14/23</p> | <p>SHEET</p> <p>2 OF 5 SHEETS</p> <p>JOB NO. C273002-00</p> |
|--|--|------|-----------|------------|-----------|------------|------|--|--|--|--|--|--|--|--|--------------------|--|--|--|
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I:\Projects\2023\23002-00 (City of Imperial) - Aten Blvd Class B Bike Lane\Drawings\Improvements\CA\CA23002-00 - Striping Plans.dwg 01/14/2023 09:07

EXHIBIT A



- NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING THE INSTALLATION, REMOVAL OR MODIFICATION OF ALL SIGNING AND STRIPING SHOWN ON THESE PLANS.
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 9. FOR NEW PROPOSED PARKING RESTRICTIONS, CONTRACTOR SHALL INSTALL RED CURB OR "NO STOPPING ANYTIME" SIGNS AS INDICATED ON PLANS 24-HOURS PRIOR TO MARK OUT OF PROPOSED STRIPING.

MUTCD SIGNS:

| | |
|--|---|
| | R81 (CA) |
| | R26 (CA) |
| | D11-1 |
| | R81A (CA) |
| | R81B (CA) |
| | BICYCLE LANE MARKING PER CALTRANS STD PLANS |

LEGEND:

| | |
|--|--------------------------------|
| | EXISTING STRIPING |
| | PROPOSED STRIPING |
| | PROPOSED SQUARE TUBE SIGN POLE |
| | EXISTING SIGN |

STRIPING & SIGNAGE NOTES:

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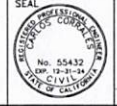


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| DATE | BY | MARK | REVISIONS | APPR. DATE | CITY |
|------|----|------|-----------|------------|------|
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APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
BY: JACKIE LOPER DATE: _____
R.C.E. NO.: _____

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: CARLOS CORDERO DATE: _____
R.C.E. NO.: 55432

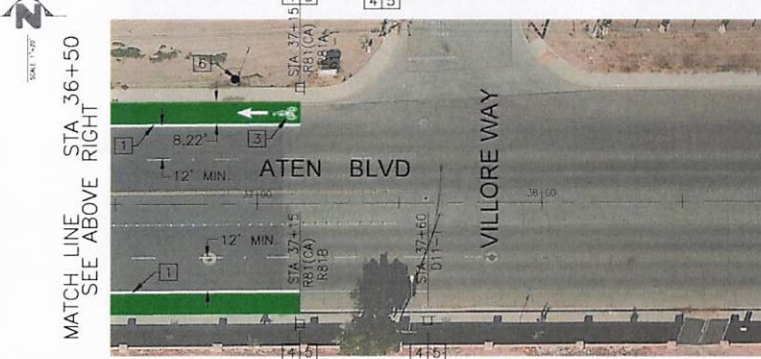


LC ENGINEERING CONSULTANTS INC.
10000 Santa Fe Avenue
San Diego, CA 92121
DATE: 02/23/23 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
STRIPING & SIGNAGE PLAN
ATEN BLVD CLASS II BIKE LANE FROM WILBIRE WAY TO AUSTIN RD
SHEET 3 OF 5 SHEETS
JOB NO. 23002-00

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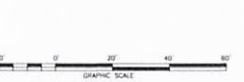
EXHIBIT A



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MUTCD SIGNS:

- RB1 (CA)
- R26 (CA)
- D11-1
- RB1A (CA)
- RB1B (CA)
- BICYCLE LANE MARKING PER CALTRANS STD PLANS.



LEGEND:

- EXISTING STRIPING
- PROPOSED STRIPING
- PROPOSED SQUARE TUBE SIGN POLE
- EXISTING SIGN

STRIPING & SIGNAGE NOTES:

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| DATE | BY | MARK | ENGINEER | REVISIONS | APPR. | DATE |
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| | | | | | | |

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
BY: JACKIE LOPER DATE: _____
R.C.E. NO.: _____

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: CARLOS CORRALES DATE: _____
R.C.E. NO.: 55432

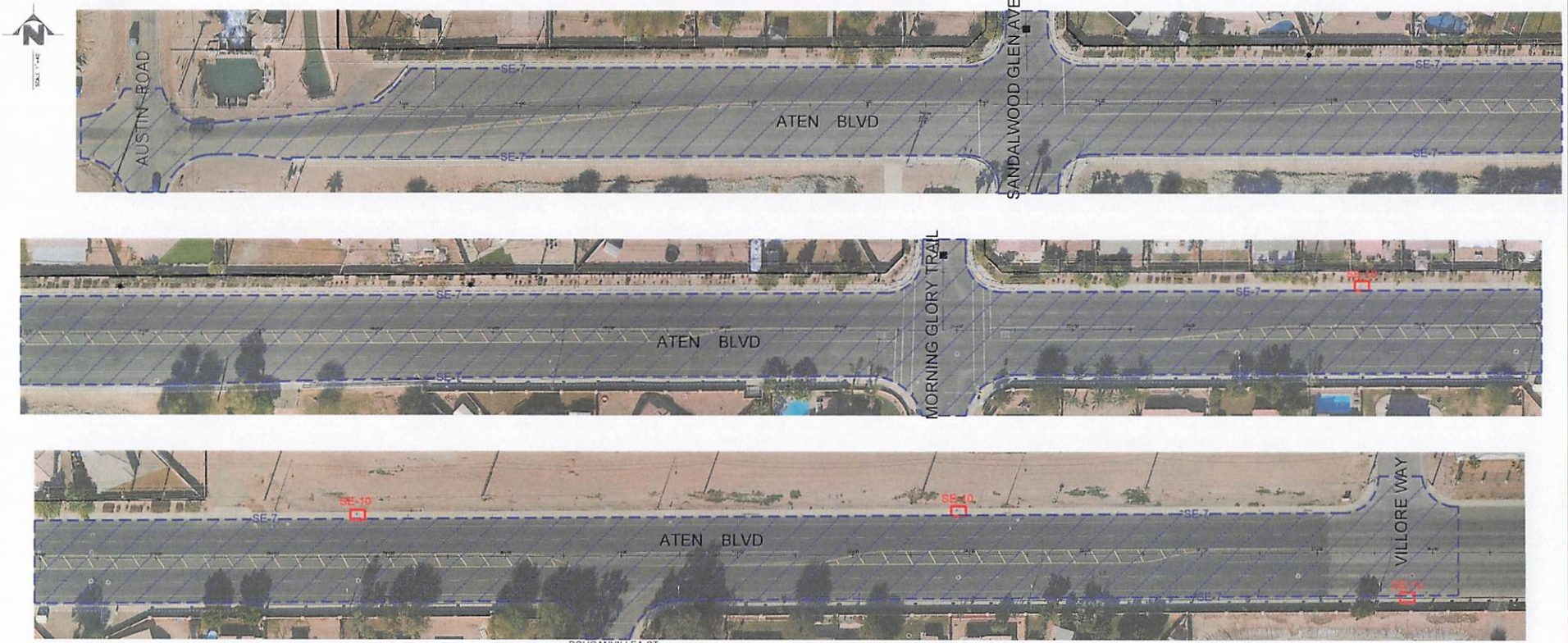


LC ENGINEERING CONSULTANTS INC.
10455 State Street
Imperial, CA 92543
DATE: 02/23/23 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
STRIPING & SIGNAGE PLAN
ATEN BLVD CLASS B BIKE LANE FROM VILLORE WAY TO AUSTIN RD.
SHEET 4 of 5 SHEETS
JOB NO. C23002-00
W.D.

I:\Projects\2023\23002-00_City of Imperial - Aten Blvd Class B Bike Lane\Drawings\PLAN\23002-00 - Striping Plans.dwg - 02/22/2023 14:54

EXHIBIT A



- LEGEND**
- SE-1- Silt Fence
 - SE-10- Storm Drain Inlet Protection (on adjacent areas, existing roads and as shown)
 - EC-3- Hydraulic Mulch
 - SE-5- Fiber Rolls
 - TC-1- Stabilized Construction Entrance/Exit
 - SE-7- Street Sweeping and Vacuuming (on existing roads and on new streets once constructed)
 - SE-8- Sandbag Barrier (across unimproved ditches and streams and as shown)
 - SE-9- Soil Binders
 - Natural Flow Path
 - Project Surface Flow Direction

GENERAL WATER POLLUTION CONTROL NOTES

- 1- THE INFORMATION IN THESE DRAWINGS IS ACCURATE FOR WATER POLLUTION CONTROL PURPOSES ONLY.
- 2- THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO INSTALL WATER POLLUTION CONTROL DEVICES AT GENERAL LOCATIONS THROUGHOUT THE SITE. THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE NARRATIVE SECTION OF THE STORM WATER POLLUTION PREVENTION PLAN.
- 3- FIELD CONDITIONS MAY NECESSITATE MODIFICATIONS TO THESE DRAWINGS.
- 4- PERMANENT EROSION CONTROL WILL BE INSTALLED AS AREAS ARE DETERMINED TO BE SUBSTANTIALLY COMPLETE.
- 5- ALL DRAINAGE INLETS RECEIVING RUNOFF FROM DISTURBED AREAS WILL BE PROTECTED WITH A SEDIMENT TRAP INLET PROTECTION.
- 6- ALL NECESSARY WORK FOR EROSION CONTROL MEASURES SHALL BE DONE ACCORDING TO THE STATE OF CALIFORNIA CONSTRUCTION SITE EROSION CONTROL MANUAL AND THE CALIFORNIA CONSTRUCTION SITE EROSION CONTROL MANUAL AND THE CALIFORNIA CONSTRUCTION SITE EROSION CONTROL MANUAL AS ADOPTED JANUARY 2003 OF THE LATEST EDITION THEREOF AND CALIFORNIA STORMWATER QUALITY ASSOCIATION CONSTRUCTION HANDBOOK AS ADOPTED JANUARY 2003 OF THE LATEST EDITION THEREOF.
- 7- NO WATER POLLUTION CONTROL DEVICES SHALL BE PLACED IN CITY, COUNTY, OR HO RIGHT OF WAY OR EASEMENTS PRIOR TO APPROVED ENCROACHMENT PERMITS FOR EACH AGENCY.

STORM WATER POLLUTION CONTROL CONSTRUCTION NOTES

- 1- INSTALL SILT FENCE FOR PERIMETER CONTROL DURING MASS GRADING AND UTILITIES INSTALLATION. SEE SE-1 FOR INSTALLATION INSTRUCTIONS.
- 2- INSTALL SANDBAG BARRIER FOR PERMANENT CONTROL ACROSS CONCENTRATED FLOW PATHS AT DRAINAGE INLETS AND AROUND TEMPORARY STOCKPILES AND SPILLS. SEE SE-8 FOR INSTALLATION INSTRUCTIONS.
- 3- STABILIZED CONSTRUCTION ENTRANCE/EXIT. SEE TC-1 FOR INSTALLATION INSTRUCTIONS.
- 4- STREET SWEEPING AND VACUUMING TO BE PERFORMED ON EXISTING STREETS AND ROADS, AND ON NEW STREETS ONCE CONSTRUCTED. SEE SE-7 FOR IMPLEMENTATION INSTRUCTIONS.
- 5- APPLY HYDRAULIC MULCH FOR TEMPORARY EROSION CONTROL TO RETENTION BASINS ONCE THEY ARE GRADED AND AREAS TO BE LANDSCAPED. SEE EC-3 FOR INSTALLATION INSTRUCTIONS.
- 6- APPLY PERMANENT SEEDING AND PLANTING TO FINISHED AREAS THAT WERE DESIGNATED FOR PERMANENT VEGETATION. SEE EC-4 FOR INSTALLATION INSTRUCTIONS.
- 7- APPLY SOIL BINDERS IN AREAS WITHOUT CONSTRUCTION ACTIVITIES OF 21 SPAS OR MORE, AND TO STOCKPILES. SEE EC-5 FOR INSTALLATION INSTRUCTIONS.
- 8- INSTALL STORM DRAIN INLET PROTECTION ON DRAIN INLET STRUCTURES AND CATCH BASINS. APPROPRIATE LOCATIONS ARE SHOWN ON THE DRAWINGS. SEE SE-10 FOR INSTALLATION INSTRUCTIONS.

- 9- APPLY WIND EROSION CONTROL THROUGHOUT THE CONSTRUCTION SITE. SEE WE-1 FOR IMPLEMENTATION INSTRUCTIONS.
- 10- COMBINED VEHICLE CLEANING, FUELING AND MAINTENANCE STORAGE AREA. SEE NS-8, NS-9, AND NS-10 FOR INSTALLATION INSTRUCTIONS.
- 11- INSTALL CONCRETE WASTE MANAGEMENT CONTROL. SEE WM-8 FOR INSTALLATION INSTRUCTIONS.
- 12- PAVING AND GRADING OPERATIONS. SEE NS-3.

NOTE: THE INFORMATION ON THESE DRAWINGS IS ACCURATE FOR WATER POLLUTION CONTROL PURPOSES ONLY.



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| DATE | BY | MARK | REVISIONS | APPR | DATE |
|----------|----|------|-----------|------|------|
| ENGINEER | | | | | CITY |
| | | | | | |

APPROVED BY DIRECTOR OF PUBLIC WORKS
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1405 State Street
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CITY OF IMPERIAL
IMPROVEMENT PLANS
EROSION CONTROL PLAN
ATEN BLVD CLASS B BIKE LANE
FROM VILLORE WAY TO AUSTIN RD.

SHEET 5 OF 5 SHEETS
JOB NO. C23002-00

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