OTAY TRUCK ROUTE WIDENING
FROM DRUCKER LANE TO THE POINT OF ENTRY
PROFILES AND SECTIONS

CITY OF SAN DIEGO, CALIFORNIA
PROJECT MANAGER
LAMBERT COORDINATES
526821

OTAY TRUCK ROUTE FROM DRUCKER LANE TO THE POINT OF ENTRY
PROFILES AND SECTIONS

CITY OF SAN DIEGO, CALIFORNIA
PROJECT MANAGER
LAMBERT COORDINATES
526821

SECTION
@ 66" CIPCP
STA 13+00

SPECIFICATION NO. 2802
CITY CONTRACT, CIP NO. 52-682.0

OTAY TRUCK ROUTE WIDENING
FROM DRUCKER LANE TO THE POINT OF ENTRY
PROFILES AND SECTIONS

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SECTION
@ PROPOSED DRAIN INLET
STA 14+00.00

REMOVE AND REPLACE, IN KIND, M-6 CHAIN LINK FENCE, AC, BERM, AND PAVEMENT IMPROVEMENTS BEHIND WALL AS NECESSARY FOR WALL EXCAVATION. EXCAVATION SHALL NOT EXCEED 5' FROM BACK OF WALL.

4" PERFORATED DRAIN PIPE WRAPPED WITH PERMEABLE GEOTEXTILE DRAINAGE FABRIC TO BE INSTALLED BEHIND WALL.

3/4" (WASHED) CRUSHED ROCK BASE, 6" DEEP (MIN.)

2.5' PROPOSED ENVIRO-BLOCK OR EQUAL

TYPICAL SECTION AND WALL ELEVATION

PROVIDE 36" OPENING FOR CONC SWALE
RECONSTRUCT TO MEET NEW GRADE
NEW PAVEMENT SEE TYP SECTION FOR DEPTH AND DIM'S

CONC SWALE AT LEFT EDGE PAVEMENT STA 14+00.00

5' WEEP HOLES

2.5' PROPOSED ENVIRO-BLOCK OR EQUAL

NEW PAVEMENT SEE TYP SECTION FOR DEPTH AND DIM'S
NOTES:
1. SEE ROADWAY DRAWINGS FOR X/Y PERCENTAGE CONTROL, CENTERLINE OF PIPE PAVEMENT.
2. "VP" INDICATES "VERIFIED IN FIELD".
3. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE CONTINUING WITH DEMOLITION OR CONSTRUCTION IF EXISTING STRUCTURAL MEMBERS AND DETAILS VARY FROM THAT INDICATED ON THE DRAWINGS.
4. CONTRACTOR SHALL PROTECT IN PLACE EXISTING 60" OA CPAP:

PIECE WORK PLAN

SECTION A

GATE ELEVATION

NOTE:
GATE SPANS A MINIMUM OF 1'-0".
SECONDARY FENCE RELOCATION NOTES

1. CONTRACTOR SHALL PROVIDE 2 WEEKS NOTICE TO R.E. BEFORE WORK ON FENCE BEGINS TO ALLOW FOR BORDER PATROL TO REMOVE GATE, MOTORS, CONTROLLERS, AND DISCONNECT POWER.
2. BORDER PATROL WILL INSTALL SLIDING GATE MOTORS, CONTROLLERS, AND RECONNECT POWER AT THE COMPLETION OF FENCE AND GATE RELOCATION.
3. CONTRACTOR TO INSTALL MOTOR AND CONTROLLER PADS, POWER AND CONTROL, OR CONDUIT, AND ALL FACILITIES NECESSARY FOR MO TARS AND CONTROLLERS ON SLIDING GATE.
4. CONTRACTOR SHALL PROVIDE 2 WEEKS NOTICE TO R.E. BEFORE WORK ON GATE BEGINS TO ALLOW FOR BORDER PATROL TO REMOVE GATE MOTORS, CONTROLLERS, AND DISCONNECT POWER.
5. SECONDARY FENCE AND GATE SHALL BE REMOVED AND RECONSTRUCTED TO MATCH CURRENT COMPLETE FENCE AND GATE ALIGNMENT AS SHOWN IN ASBUILT DRAWINGS PROVIDED IN APPENDIX "F" OF THE SPECIAL PROVISIONS.
6. CONTRACTOR SHALL MATCH CURRENT COMPLETE FENCE AND GATE ALIGNMENT AS SHOWN IN ASBUILT DRAWINGS PROVIDED IN APPENDIX "F".
CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION:

UNDERGROUND SERVICE ALERT (USA) 1-800-422-4133

CONTRACTOR INSPECTOR

DATE STARTED

DATE COMPLETED

DESCRIPTION

FILE NAME: MHC Phase3.dgn

FROM DRUCKER LANE TO THE POINT OF ENTRY
**GENERAL NOTES:**

1. INSTALLATION OF ALL STRIPING, SIGNS, AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

2. ALL STRIPING AND SIGNING SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS:
   - CALTRANS TRAFFIC MANUAL
   - CALTRANS STANDARD SPECIFICATIONS
   - CITY OF SAN DIEGO STANDARD DRAWINGS

3. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.

4. CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, AND LEGENDS BY SANDBLASTING AND/OR GRINDING. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

5. ALL SIGNS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH BREAKAWAY BASE PER CITY OF SAN DIEGO STANDARD DRAWINGS, DRAWING NUMBER M-45.

6. ANY DEVIATION FROM THE STRIPING AND SIGNING PLANS SHALL BE APPROVED BY THE ENGINEER OF WORK AND THE CITY ENGINEER PRIOR TO ANY CHANGES BEING MADE IN THE FIELD.

7. ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN.

8. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKE LINES) SHALL BE THERMOPLASTIC.

9. CONTRACTOR SHALL NOTIFY CITY TRAFFIC ENGINEER AT (619) 533-4443 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.

10. ALL SIGNS INDICATED FOR RELOCATION SHALL BE SALVAGED AND STORED UNTIL READY FOR REINSTALLATION.

11. NEW LOCATIONS OF RELOCATED SIGNS SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

**SIGN LEGEND:**

- **R11**
- **R26D**
- **DNB**
- **E-TRUCK**
- **L-TRUCK**
- **NP2**

**SPECIFICATION NO. 2802**

**CITY CONTRACT, CIP NO. 52-682.0**

**PLANS FOR THE CONSTRUCTION OF:**

**OTAY TRUCK ROUTE WIDENING**

**FROM DRUCKER LANE TO THE POINT OF ENTRY**

**SIGNING STRIPING AND BARRIER PLAN**

**CONTRACTOR**

**138-4785**

**GUARD RAIL STRIPING DETAIL**

**DETAIL 3**

**GUARD RAIL STRIPING DETAIL**
TRAFFIC CONTROL

TRAFFIC CONTROL NOTES

1. Invalidation: This traffic control plan is not valid until work dates are approved by the City Engineer. The contractor shall notify the City of San Diego at least ten (10) working days prior to commencement of operations. The plans are intended for night work only and may not be used for day work. If the starting work date is delayed, new plans must be submitted and approved by the City Engineer.

2. Standards: This traffic control plan shall conform to the most recently adopted edition of each of the following manuals:
   a. City of San Diego Standards (Appendix A, San Diego, CA: City of San Diego, 2014)
   c. Standards for Public Works Construction Permits, including Regional and City of San Diego Supplemental Manuals (San Diego, CA: City of San Diego, 2014)

3. Notification: The Contractor shall notify the Public Speaking Office (PSO) a minimum of five (5) working days prior to any excavation/construction or traffic control.

4. Posting No Parking Signs: The contractor shall post “no parking” signs twenty-four (24) hours in advance for temporary parking removal. Signs shall indicate specific days, dates and times of restrictions.

5. Excavation/Exception: Except as shown on the plans, trenches shall be backfilled or trench-plated at the end of each work day, as necessary. Trenches shall be placed around each trench prior to backfilling.

6. Restoration of Traffic Control Devices: The Contractor shall repair or replace traffic control devices damaged or displaced during excavation. The Contractor shall remove all trenched areas in advance of the work date indicated. Temporary traffic control devices shall be installed in accordance with the plans.

7. Changes in Work: The Resident Engineer will observe these traffic control plans in accordance with the plans and regulations. The Contractor shall notify the following affected agencies at least five (5) working days prior to starting work, or ten (10) working days when work will affect a traffic control device.

<table>
<thead>
<tr>
<th>AGENCY</th>
<th>PHONE NUMBER</th>
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<tbody>
<tr>
<td>Fire Department Dispatch</td>
<td>(858) 694-7000</td>
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<tr>
<td>Police Department Traffic</td>
<td>(858) 495-7800</td>
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<tr>
<td>Police Department Parking</td>
<td>(858) 495-7800</td>
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8. Specifications:
   a. City of San Diego Standard Drawings, Appendix "A"
   b. California Manual on Uniform Traffic Control Devices for Streets and Highways
   c. Standards for Public Works Construction Permits, including Regional and City of San Diego Supplemental Manuals

9. Work Allowable: The plans are intended for night work only and may not be used for day work. If the starting work date is delayed, new plans must be submitted and approved by the City Engineer.

10. Validation: This traffic control plan shall be valid until work dates are approved by the City Engineer. The plans are intended for night work only and may not be used for day work. If the starting work date is delayed, new plans must be submitted and approved by the City Engineer.

11. Key Map:

   **Legend**
   - **Delineator**
   - **Sign**
   - **Type K Guardrail**

   **Typical Work Zone**

   **Key Map**

   **Traffic Control Signs**

   **Traffic Control Design**

   **Otay Truck Route Widening**

   **Specifications No. 2802**

   **City Contract, CIP No. 52-662.0**

   **Plans for the Construction Of:**

   **Otay Truck Route Widening**

   **From Drucker Lane to Brandon Drive**

   **City of San Diego, California**

   **Project No. 52682I**

   **Contractor:**

   **City of San Diego**

   **Date:**

   **July 1, 2023**

   **City Contact:**

   **Randy Johnson**

   **Jumbo Equipment Co.**

   **Telephone:**

   **(619) 238-0100**

   **Office:**

   **130-1785**

   **Mileage:**

   **32555-T1-D**
CONSTRUCTION AND TRAFFIC CONTROL

PHASE 1

MAJOR ITEMS OF WORK:
1. INSTALL TEMPORARY SECURITY FENCE AND GATES BEFORE BEGINNING WORK ON SECONDARY FENCE RELOCATION.
2. RELOCATE SECONDARY FENCE FROM 12+06 TO 15+53.
3. GRADE AND PAVE SOUTH HALF OF ROADWAY FROM 12+27 TO 15+68. MAINTAIN 12' NORTH LANE FOR TRUCK TRAFFIC. (SEE CROSS SECTION TO RIGHT)

PERIMETER SIGNS

CROSS SECTION

EXISTING FENCE

12' TRAVEL LANE

EXISTING PAVEMENT

PROPOSED PAVEMENT

AREA TO BE EXCAVATED

ALL TRUCKS USE LA MEDIA RD FOR MEXICO

INFORMATION OF DRUCKER LN. AND SIEMPRE VIVA RD.

AREA TO IDENTIFY LOCATION

INSTALL 9' HIGH TEMPORARY SECURITY FENCE AND GATES WITH BARBED WIRE. CORE FENCE POSTS INTO EXISTING CONCRETE PAVEMENT.

TWO SIGNS PER INTERSECTION. R.E. TO IDENTIFY LOCATION.

INSTALL TYPE K GUARD RAIL.

*NOTE: TYPE K BARRIER SHALL BE USED FOR TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION AND AS PERMANENT LANE DIVIDER PER THESE PLANS

WORK AREA

EXISTING PAVEMENT

PROPOSED PAVEMENT

AREA TO BE EXCAVATED

CITY OF SAN DIEGO, CALIFORNIA

PROJECT MANAGER

LAMBERT COORDINATES

PROJECT ENGINEER

BRAD JOHNSON
MIKE ARNOLD

SPECIFICATION NO. 2002

CITY CONTRACT, CIP NO. 52-682.0

CONTRACT FOR THE CONSTRUCTION OF:

OTAY TRUCK ROUTE WIDENING

FROM DRUCKER LANE TO THE POINT OF ENTRY

TRAFFIC CONTROL PLANS

CITY OF SAN DIEGO, CALIFORNIA

SHEET 2 OF 4 SHEETS

WORK HOURS

CONTINUOUS SETUP

ASSOCIATE ENGINEER

CITY OF SAN DIEGO

TRAFFIC ENGINEER

FOR CITY ENGINEER

DATE

UNDERGROUND SERVICE ALERT

CALL 1-888-422-4133

CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION:

UNDERGROUND SERVICE ALERT

1-888-422-4133

NOTES:

*NOTE: TYPE K BARRIER SHALL BE USED FOR TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION AND AS PERMANENT LANE DIVIDER PER THESE PLANS.
CONSTRUCTION AND TRAFFIC CONTROL

PHASE 2

MAJOR ITEMS OF WORK:
1. INSTALL ENVIRO BLOCK RETAINING WALL FROM 12+29 TO 15+68
2. CROWN AND INSTALL NORTHERLY PAVEMENT SECTION (SEE CROSS SECTION TO RIGHT)

PERIMETER SIGNS

*NOTE: TYPE K BARRIER SHALL BE USED FOR TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION AND AS PERMANENT LANE DIVIDER PER THESE PLANS

WORK HOURS

CONTINUOUS SETUP

CITY OF SAN DIEGO

TRAFFIC ENGINEER
CONSTRUCTION AND TRAFFIC CONTROL

PHASE 3

MAJOR ITEMS OF WORK:
1. Complete Envirowall from 15+68 to 26+55
2. Install Type B Wall from 15+68 to 26+55
3. Grade and pave the extent of the northern lane.

*NOTE: TYPE B BARRIER SHALL BE USED FOR TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION AND AS PERMANENT LANE DIVIDER PER THESE PLANS

WORK HOURS
CONTINUOUS SETUP

UNDERGROUND SERVICE ALERT
1-800-422-4133

CONTRACTOR
INSPECTOR

DATE STARTED
DATE COMPLETED

DESCRIPTION
BY APPROVED
DATE
 File Name: MHC Phase3.dgn

CITY OF SAN DIEGO, CALIFORNIA

PROJECT MANAGER
LAMBERT COORDINATES

W.O. NO.
526821

FILE NAME: MHC Phase3.dgn

CITY CONTRACT, CIP NO. 52-682.0

PROJECT ENGINEER

BRAD JOHNSON
MIKE ARNOLD

SPECIFICATION NO. 2002

FROM DREUCKER LANE TO THE POINT OF ENTRY

OTAY TRUCK ROUTE WIDENING

500' 0"

USA

OTAY TRUCK ROUTE

PROJECT ENGINEER

02-1785

CRASH CUSHION (ADIEM)
TO BE RELOCATED TO AT COMPLETION OF THIS TRAFFIC CONTROL PHASE

WORK HOURS
CONTINUOUS SETUP

1. COMPLETE ENVIRO BLOCK WALL FROM 15+68 TO 26+55
2. INSTALL TYPE A WALL FROM 0+87 TO 2+07.
3. GRADE AND PAVE THE EXTENT OF THE NORTHERLY LANE.

(SEE CROSS SECTION TO THE RIGHT)