

DATE SUBMITTED 2/12/2020  
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR  
 DATE ACTION REQUIRED 2/19/2020

COUNCIL ACTION (X)  
 PUBLIC HEARING REQUIRED ( )  
 RESOLUTION ( )  
 ORDINANCE 1<sup>ST</sup> READING ( )  
 ORDINANCE 2<sup>ND</sup> READING ( )  
 CITY CLERK'S INITIALS                     

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**IMPERIAL CITY COUNCIL  
 AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: ATEN BOULEVARD BIKE PATH FROM "P" STREET TO DOGWOOD ROAD 1. AUTHORIZATION TO SEEK BIDS FOR THE CONSTRUCTION OF THE ATEN BOULEVARD BIKE PATH FROM "P" STREET TO DOGWOOD ROAD.	
DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT	
BACKGROUND/SUMMARY: The City of Imperial, working through the Congestion Mitigation and Air Quality Improvement Program (CMAQ), provides a flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. LTA Measure D funds will be used to leverage the federal funds for the construction of the project.  Work scope consists of pavement, striping, and signage used to allocate a portion of the roadway for exclusive use by bicyclists, pedestrians and those using non-motorized modes of travel. For details please see the attached plans (draft) and aerial view of project.	
FISCAL IMPACT: 1. Bike Path Project \$488,000 \$432,000 CMAQ Funds \$56,000 Measure "D" Funds	ADMIN SERVICES SIGN INITIALS <u><i>AS</i></u>
STAFF RECOMMENDATION: 1. Authorize to seek bids for the construction of the bike path project.	DEPT. INITIALS <u><i>OM</i></u>
MANAGER'S RECOMMENDATION: <u><i>Approve</i></u>	CITY MANAGER'S INITIALS <u><i>DM</i></u>
MOTION:   SECONDED: APPROVED ( ) REJECTED ( ) AYES: DISAPPROVED ( ) DEFERRED ( ) NAYES: ABSENT: REFERRED TO:	

VICINITY MAP



PROJECT AREA



DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THE PROJECT THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF CALIFORNIA AND I AM NOT PROVIDING ENGINEERING SERVICES TO ANY OTHER PARTY. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND ALL DOCUMENTS SHALL BE THE RESPONSIBILITY OF THE ENGINEER OF WORK AND I DO NOT RELY ON THE RESPONSIBILITIES FOR THE PROJECT DESIGN.

CARLOS BELTRAN, P.E.  
 DYNAMIC CONSULTING ENGINEERS, INC.  
 2415 IMPERIAL BUSINESS PARK DR. STE B  
 IMPERIAL, CA 92251  
 (760) 545-0182

DATE: 02/20/20  
 CARLOS BELTRAN, P.E.

**OWNER**  
 CITY OF IMPERIAL  
 PLANNING DEPARTMENT  
 400 S IMPERIAL AVE STE A  
 IMPERIAL, CA 92225  
 TEL: (760) 335-3840

**ENGINEER**  
 DYNAMIC CONSULTING ENGINEERS, INC.  
 2415 IMPERIAL BUSINESS PARK DR. STE B  
 IMPERIAL, CA 92251  
 TEL: (760) 545-0182  
 FAX: (760) 545-0183

**PROJECT INFORMATION**

1. CITY OF IMPERIAL ENFORCEMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.

2. THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH CITY OF IMPERIAL ENFORCEMENT PERMIT CONDITIONS AND PROVISIONS.

3. APPROVAL OF THESE IMPROVEMENT PLANS DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.

4. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE LOCATED AND DEPTHS SHALL BE OBTAINED FROM AVAILABLE RECORDS TO THE BEST OF THE ENGINEER'S KNOWLEDGE. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES AND TO TAKE NECESSARY PRECAUTIONS TO PROTECT ALL UTILITIES.

5. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF THE ENGINEER'S KNOWLEDGE. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES AND TO TAKE NECESSARY PRECAUTIONS TO PROTECT ALL UTILITIES.

6. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MADE BY WORK TO BE DONE SHALL BE COMPARED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK AND TO THE RECORDS TO BE MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL UTILITIES AND TO TAKE NECESSARY PRECAUTIONS TO PROTECT ALL UTILITIES.

7. UTILITIES INFORMATION

NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT THE LOCATION AND DEPTHS OF ALL UTILITIES MAY BE OBTAINED. THE AGENCIES ARE REQUIRED TO BE PRESENT AT THE PROJECT SITE AT THE TIME OF EXCAVATION.

1. CITY OF IMPERIAL PLANNING DEPARTMENT AND ENGINEERING DEPARTMENT (760) 335-3840  
 2. IMPERIAL DISTRICT (760) 335-9280  
 3. IRRIGATION DISTRICT (WATER) (760) 335-9283  
 4. CALIFORNIA HIGHWAY PATROL (760) 335-9283  
 5. THE GAS CO.  
 6. CABLE COMPANY SPECTRUM  
 7. THE GAS CO. (760) 422-4131/(800) 271-7800

STREET IMPROVEMENT GENERAL NOTES

1. CITY OF IMPERIAL ENFORCEMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
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AGENCY CONTACTS

**CITY OF IMPERIAL**  
 PLANNING DEPARTMENT  
 400 S IMPERIAL AVE STE A  
 IMPERIAL, CA 92225  
 TEL: (760) 335-3840

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JANUARY 2020(2nd SUBMITTAL)

**NOTE TO CONTRACTOR**

PROVIDE CONSTRUCTION DETAILS FOR ALL WORK TO BE DONE. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF IMPERIAL ENFORCEMENT PERMIT CONDITIONS AND PROVISIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL UTILITIES AND TO TAKE NECESSARY PRECAUTIONS TO PROTECT ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL UTILITIES AND TO TAKE NECESSARY PRECAUTIONS TO PROTECT ALL UTILITIES.

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**CITY COUNCIL**

ROBERT AMPARANO  
 DARRRELL PECHTL  
 GEOFF DALE  
 KARIN EUGENIO  
 JAMES TUCKER

**PARTICIPATING CITY STAFF**

STEPHAN T. CHATWIN  
 DEBRA JACKSON  
 OTTHON MOIRA  
 STACY COX  
 JESSIE VILLEGAS  
 AMANDA AGUIAR

**CITY MANAGER**  
 DEBRA JACKSON

**CITY PLANNER**  
 OTTHON MOIRA

**CITY TREASURER**  
 STACY COX

**ENGINEERING DEPARTMENT**  
 JESSIE VILLEGAS

**BUILDING DEPARTMENT**  
 AMANDA AGUIAR

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**Dynamic CONSULTING ENGINEERS**

1-800-277-7600

www.dynamic-engineers.com

**PROJECT TITLE:** CITY OF IMPERIAL - ATEN BOULEVARD BICYCLE PATH FROM "P" STREET TO DOGWOOD ROAD

**SHEET CONTENT:** TITLE SHEET, VICINITY MAP AND GENERAL NOTES

**SCALE:** DRAWN BY: DS, FM

**REVISIONS:** REVISED BY: CE

**DATE:** JANUARY 14, 2020

**SHEET:** 1 OF 7 SHEETS

**JOB NO.:** 19-000

**DATE PLOTTED:** 2/20/20

**REC. EXP.:**

**BENCH MARK:**

BENCH MARK: ELEVATION = 545.32 (MWD 88-1000)

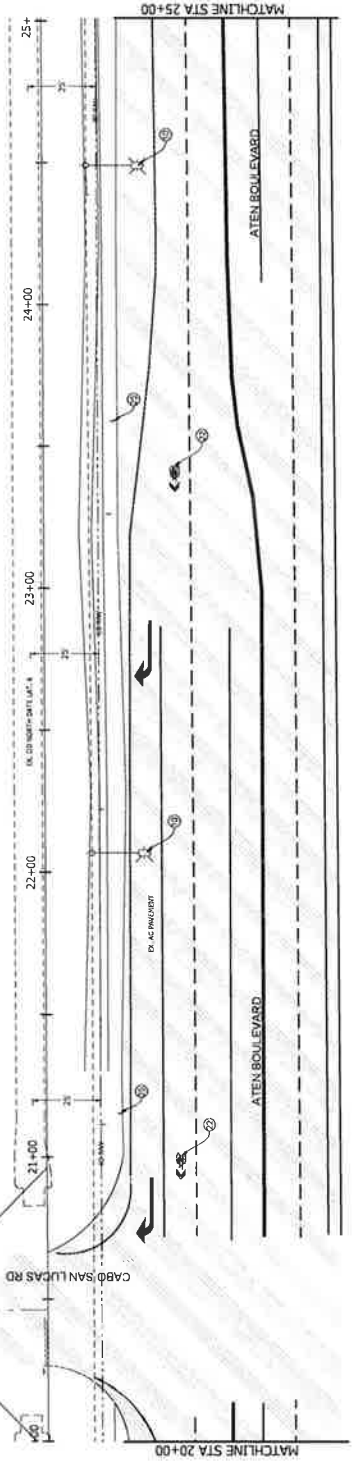
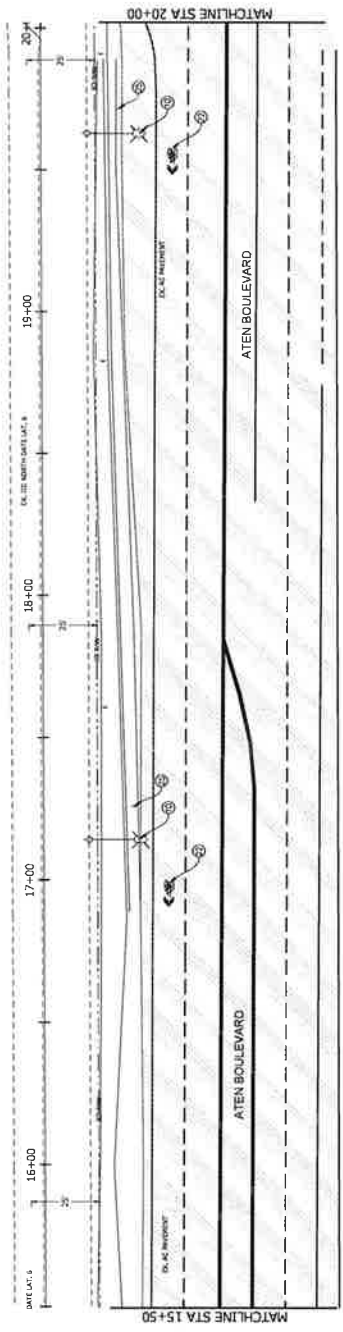
BENCH MARK DESCRIPTION: STANDARD BENCH MARK DISK SET AT THE CORNER OF THE CROSSING OF ATEN ROAD AT THE TOP OF 10 FOOT SOUTH OF THE NORTH END OF THE EAST CONCRETE MEDIAN.

**APPROVED:**

**DATE:**

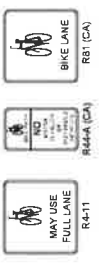
**UNAUTHORIZED CHANGES & USES:** The recipient agreeing these plans are not to be retransmitted, copied, or used for any other purpose without the express written consent of the engineer. All changes to these plans must be in writing and must be approved by the engineer of these plans.





- CONSTRUCTION KEYNOTES**
- ① INSTALL 1 INCH TREE STANDING CURB PER CITY OF IMPERIAL DETAIL A02
  - ② INSTALL 1 INCH ASPHALT CONCRETE OVER 4 INCHES OF CLASS II BASE
  - ③ INSTALL CROSS SECTION DETAIL ON SHEET 'P-3' (CROSS SECTION NUMBER 00) SET
  - ④ CROSS SECTION DETAIL ON SHEET 'P-4' (CROSS SECTION NUMBER 00) SET
  - ⑤ INSTALL DECORATIVE BOULDERS
  - ⑥ INSTALL 2 INCH WHITE BENCH LINE WITH 1/8 INCH MINIMUM COVER
  - ⑦ INSTALL 1 INCH WATER AFTER METERS BOUND AND BACK OF CURB OVERLIES PER IMPERIAL DETAIL A04 AND DETAIL S10.1
  - ⑧ INSTALL 1/8 INCH THICK LAMP GLASS LENSES WITH NUMBERS 15 REAR SPACED 12 FEET ON CENTER TO THE CENTER OF THE ROADWAY. SPACING AND RECOMPT COMPATIBLE WITH THE CITY OF IMPERIAL DETAIL S11. SEE SHEET 7.
  - ⑨ INSTALL 1/8 INCH THICK LAMP GLASS LENSES WITH NUMBERS 15 REAR SPACED 12 FEET ON CENTER TO THE CENTER OF THE ROADWAY. SPACING AND RECOMPT COMPATIBLE WITH THE CITY OF IMPERIAL DETAIL S11. SEE SHEET 7.
  - ⑩ INSTALL ADA COMPLIANT SIDEWALK PER CITY OF IMPERIAL DETAIL S11. SEE SHEET 7.
  - ⑪ STREET LIGHT TO BE INSTALLED ON EXISTING OVERHEAD POLE AT STATION 17+00, 18+00, 19+00 AND 20+00.
  - ⑫ PAVEMENT REPAIRS AS SHOWN AND INSTALL PAVEMENT EXTENSION JOINT

- STRIKING AND SIGNAGE KEYNOTES**
- ① REMOVE EXISTING SIGNAGE AS SHOWN IN THIS PLAN
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ALL LETTERING AND MARKINGS SHALL BE IN WHITE UNLESS OTHERWISE NOTED.



**Dynamic ENGINEERS CONSULTING**

DYNAMIC ENGINEERS CONSULTING  
 1450 BROADWAY, SUITE 200  
 IMPERIAL, CA 92251  
 TEL: (760) 355-3840 FAX: (760) 355-4718

SHEET 3

DATE: DR: 08/14

REVISED BY: CS

OF 7 SHEET

208 VOL

JANUARY 24, 2020

DCE 392019

PROJECT TITLE: CITY OF IMPERIAL - ATEN BOULEVARD  
 BICYCLE PATH FROM 'P' STREET TO DOODWOOD ROAD  
 BICYCLE PATH IMPROVEMENTS  
 ATEN BLVD.  
 STA 15+50 TO STA 25+00

UNDERGROUND SERVICE ALERT  
 Call 1-800-727-7600  
 For more information go to: www.usaalert.com

DATE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**BENCH MARK:**

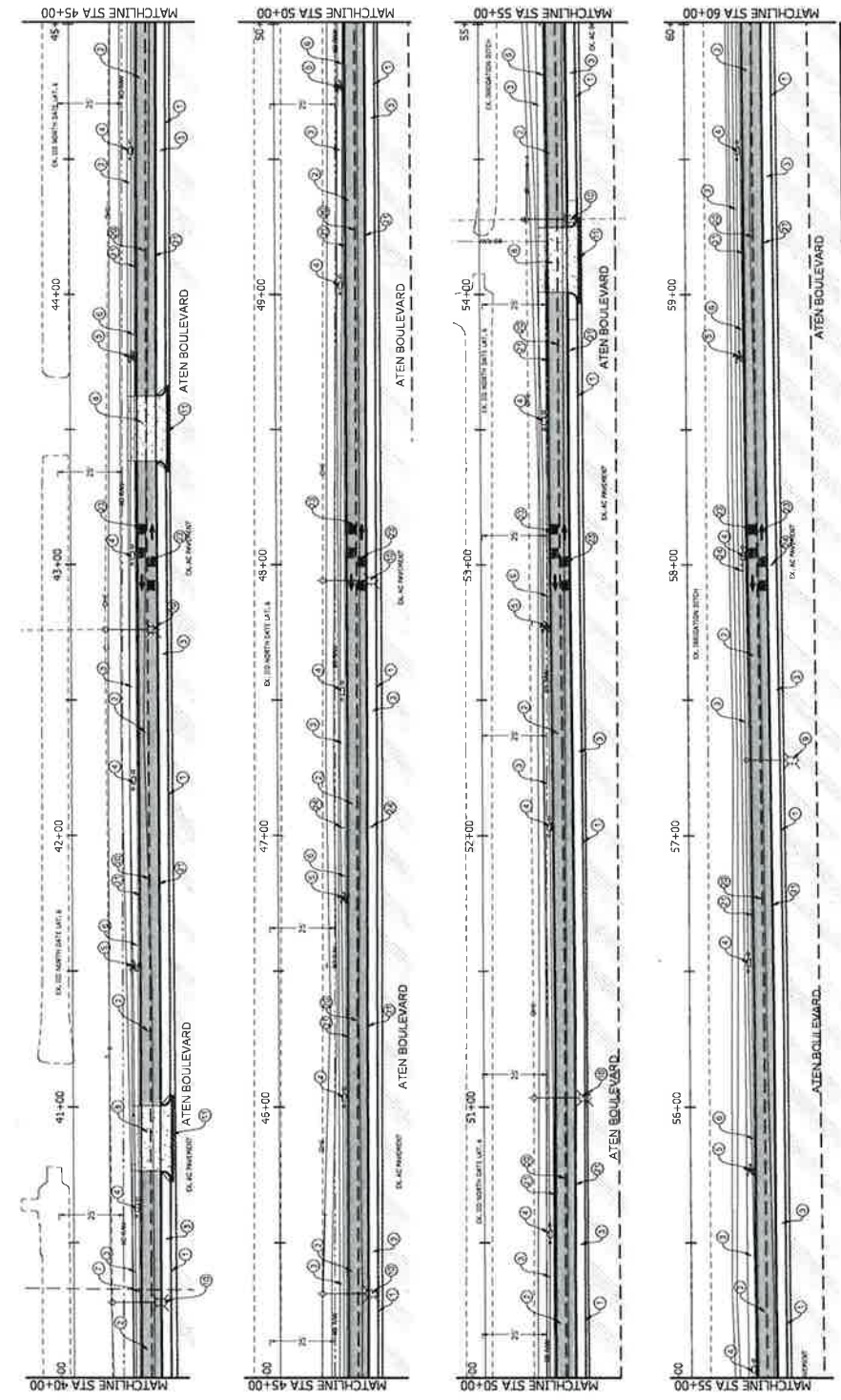
MARKER: BENCH MARK  
 LOCATION: MICHIGAN  
 ELEVATION: 1600  
 THE BENCH MARK IS A STANDARD BENCH-MARK NORTH OF THE CROSSING OF ATEN ROAD AT THE CROSSING OF ATEN ROAD AT THE TOP OF 10' SOUTH OF THE NORTH END OF THE EAST CONCRETE HOVWAY.

**CITY OF IMPERIAL**  
 420 South Imperial Avenue  
 Imperial, CA 92251  
 Ph: (760) 355-3840 • Fax: (760) 355-4718

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

REVISIONS: \_\_\_\_\_



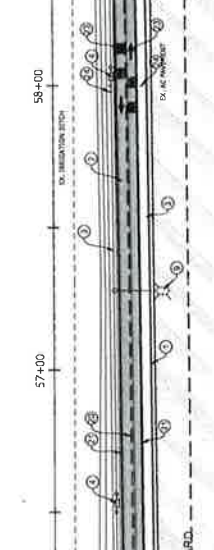




- CONSTRUCTION KEYNOTES**
1. INSTALL 6 INCH FREE 5 HANDING CURB PER CITY OF IMPERIAL DETAIL 402
  2. INSTALL 4 INCH 1250 PSI CONCRETE OVER 4 INCHES OF CLASS I BASE
  3. BOLLARD CROSS SECTION DETAIL ON SHEET 6
  4. CROSS SECTION DETAIL ON SHEET 6
  5. PLACE COPPER BRASS UNDER DOG SIEE
  6. INSTALL DEGRATIVE BOLLARDS
  7. INSTALL 2 INCH WATER SERVICE LINE WITH 18 INCH MINIMUM COVER
  8. INSTALL 2 INCH WATER SERVICE LINE WITH 18 INCH MINIMUM COVER
  9. INSTALL 2 INCH WATER SERVICE LINE WITH 18 INCH MINIMUM COVER
  10. ALL UTILITIES SHALL BE LOCATED WITHIN THE EXISTING BOLLARD FOOTPRINT
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STERLING AND SHOMAR KEYNOTES

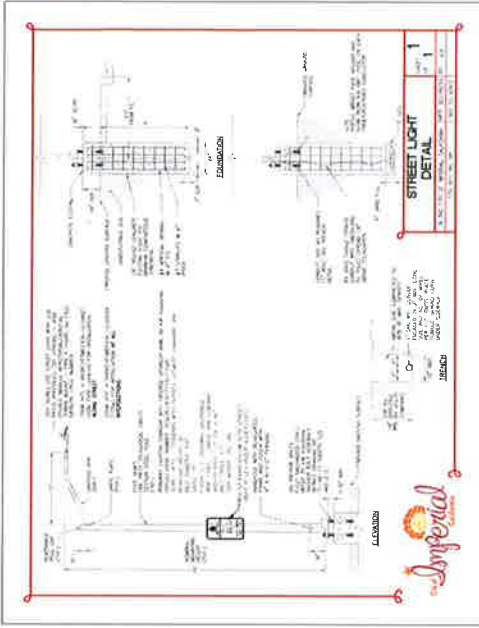
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40. NOTED TO BE EXISTING PAVEMENT

ALL FERRING AND MARKINGS SHALL BE SETBACK ELECTRICALLY

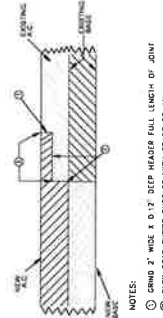


 <b>CITY OF IMPERIAL</b> 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-3840 • Fax: (760) 355-4718		 <b>BENCH MARK:</b> BENCHMARK DESCRIPTION: [UNDEVELOPED] (MWD 88+0000) THE BENCHMARK IS A STANDARD BENCHMARK NAD83 OF THE CROSSING OF ATEN ROAD AT THE JUNCTION OF 400' SOUTH OF THE NORTH END OF THE EAST CONCRETE MEDIAN.	
<b>CONTRACTOR:</b> [BLANK] <b>DATE:</b> [BLANK]		<b>PROJECT TITLE:</b> CITY OF IMPERIAL - ATEN BOULEVARD <b>BICYCLE PATH FROM:</b> P STREET TO DODWOOD ROAD <b>BICYCLE PATH TO:</b> STA 60+00	
<b>SHEET CONTENTS:</b> BICYCLE PATH IMPROVEMENTS ATEN BLDG. STA 40+00 TO STA 60+00		<b>SCALE:</b> [BLANK] <b>REVISED BY:</b> CR <b>DATE:</b> JANUARY 14, 2020	
<b>NO. REVISIONS:</b> [BLANK]		<b>PREPARED UNDER THE DIRECT SUPERVISION OF:</b> [BLANK]	
<b>APPROVED:</b> [BLANK]		<b>DATE:</b> [BLANK]	
<b>UNAPPROVED CHANGES &amp; USE:</b> The contractor may not use any unapproved changes or use any unapproved changes in the plans. All changes to the plans must be in writing and must be approved by the engineer of these plans.			
<b>DYNAMIC CONSULTING ENGINEERS</b> CIVIL ENGINEERING/CONSTRUCTION MANAGEMENT IMPERIAL, CA 92251 TEL: (760) 355-3840 • FAX: (760) 355-4718		<b>SHEET 5 OF 7</b> <b>JOB NO. DCE 392019</b>	

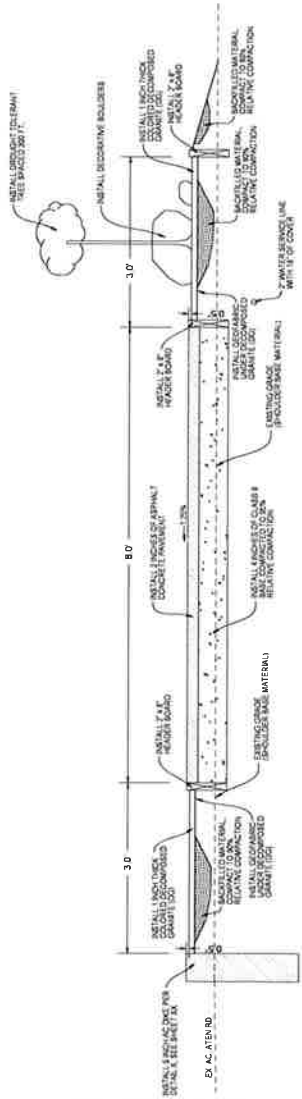




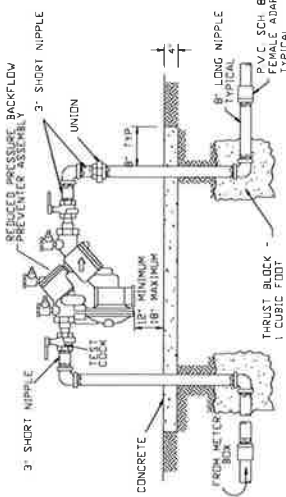
STREET LIGHT DETAIL  
DETAIL 2 DET-64



NEW CONSTRUCTION PAVEMENT EXTENSION DETAIL  
DETAIL 4



CROSS SECTION DETAIL  
DETAIL 1



- NOTES:
1. ALL PIPE FITTINGS SHALL BE BRASS, UNLESS OTHERWISE SPECIFIED
  2. CLOSE NIPPLES SHALL NOT BE USED
  3. TEFLOON TAPE 3/4" VIDE SHALL BE USED ON ALL THREADED CONNECTIONS
  4. GDT ALL EXPOSED THREADS WITH AN APPROVED RUST INHIBITING SEALANT
  5. DISSIMILAR METALS SHALL BE SEPARATED BY AN APPROVED DIELECTRIC COUPLING
  6. CASTIC PIPE SHALL NOT BE USED ABOVE FINISHED GRADE
  7. CONCRETE PADS SHALL BE INSTALLED AS SHOWN
  8. BACKFLOW PREVENTER ASSEMBLY SHALL BE TESTED UPON INSTALLATION BY A CERTIFIED BACKFLOW DEVICE TESTER CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WRITTEN TEST RESULTS COMPLETED BY THE ENGINEER
  9. BACKFLOW PREVENTERS SUBMITTALS SHALL BE SENT TO AND APPROVED BY THE CITY'S WATER DEPARTMENT PRIOR TO INSTALLATION

NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL A THEFT PREVENTION CAGE, INCLUDING COUNTY LOCK

**BACKFLOW PREVENTER REDUCED PRESSURE PRINCIPLE ASSEMBLY-2" AND SMALLER**

2" BACKFLOW PREVENTER DETAIL  
DETAIL 3

NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer prepares these plans and will be responsible for any errors or omissions. Any unauthorized changes to any part of these plans must be in writing and must be approved by the engineer of these plans.



**CITY OF IMPERIAL**  
420 South Imperial Avenue  
Imperial, CA 92251  
Ph: (760) 355-3840 • Fax: (760) 355-4718

**BENCH MARK:**  
BENCHMARK ELEVATION = 443.33 (NAD 83) + 100'  
THE STATION MARK IS A STANDARD BENCHMARK  
LOCATED AT THE CORNER OF CITY ROAD AT  
THE TOP OF 13.0 FOOT SOUTH OF THE NORTH  
END OF THE EAST CONCRETE INFRASTRUCTURE.



PREPARED UNDER THE DIRECT SUPERVISION OF:  
CARLOS L. BELMONT, P.E.  
DATE: 06/29/20  
REG. EXP. 06/29/25

SHEET CONTY: DETAILS  
SHEET NO: 7 OF 7 SHEET  
JOB NO. DCE 392019  
DATE: January 31, 2020

**Dynamic CONSULTING ENGINEERS**  
CALIFORNIA LICENSED PROFESSIONAL ENGINEER  
14815 S. HARVEY AVE., SUITE 100  
DANA POINT, CA 92629  
TEL: (949) 341-1111 FAX: (949) 341-1112  
WWW.DYNAMIC-ENGINEERS.COM

**Underground Street Alert**  
Call: 1-800-277-7600

PROJECT TITLE: CITY OF IMPERIAL - ATEN BOULEVARD  
BIKEWAY PATH FROM 'P' STREET TO DOGWOOD ROAD  
SCALE: NOT TO SCALE  
DRAWN BY: DB TV  
CHECKED BY: CB  
SHEET NO: 7 OF 7 SHEET  
JOB NO. DCE 392019  
DATE: January 31, 2020



# Aten Boulevard Bike Path from "P" Street to Dogwood Road



		<p><b>02/13/2020</b></p>	<p><b>1" = 1505 ft</b></p>
<p><b>City of Imperial</b></p>		<p>This map may represent a visual display of related geographic information. Data provided here on is not guarantee of actual field conditions. To be sure of complete accuracy, please contact the responsible staff for most up to date information.</p>	