Fenton Parkway Bridge
Traffic Signal Plans

CONTRACTOR'S RESPONSIBILITIES

1. PURSUANT TO SECTION 4216 OF THE CALIFORNIA GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G., UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
2. NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (I.E., 69 KV & HIGHER)

SHEET INDEX

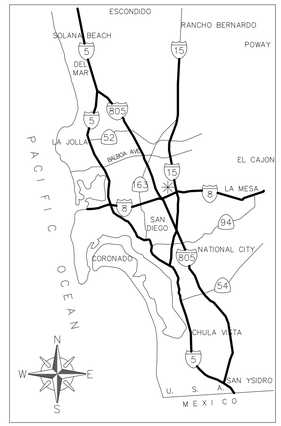
SHEET NO.	DISCIPLINE CODE	TITLE
1	G-1	COVER SHEET
2	G-2	KEY MAP
3	C-1	TRAFFIC SIGNAL PLAN
4	C-2	CONSTRUCTION NOTES
5	C-3	STANDARD DRAWINGS

DISCIPLINE CODE

G	GENERAL
D	DEMOLITION
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL
E	ELECTRICAL
I	INSTRUMENTATION
T	TRAFFIC CONTROL

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE STANDARD SPECIFICATIONS AND THE STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.



VICINITY MAP
NOT TO SCALE

L E G E N D

IMPROVEMENTS	STANDARD DRAWINGS	SYMBOL
SIDEWALK	SDG-109, SDW-155, SDG-156, G-10	
CURB AND GUTTER	SDG-151, TYPE H	
CURB INLET	SDD-116, TYPE B-1	
STORM DRAIN CLEANOUT	D-9, TYPE A	
NO. 3-1/2 PULLBOX	CALTRANS ES-8	

FOR ADDITIONAL SYMBOLS SEE RESURFACING, CURB RAMP AND TRAFFIC CONTROL SHEETS.

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA (ACRES)_____
   HYDROLOGIC UNIT/ WATERSHED_____
   HYDROLOGIC SUBAREA_____
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
   - ☐ WPCP
     - 0 THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
   - ☐ SWPPP
     - 0 THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DWQ AS AMENDED BY ORDER 2010-0014-DWQ AND 2012-0006-DWQ
     - 0 TRADITIONAL: RISK LEVEL ☐ 1 ☐ 2 ☐ 3
     - 0 LUP: RISK TYPE ☐ 1 ☐ 2 ☐ 3
3. CONSTRUCTION SITE PRIORITY
   ☐ ASBS ☐ HIGH ☐ MEDIUM ☐ LOW

ABBREVIATIONS

ABAND	ABANDON	EL, ELEV	ELEVATION	OVHD	OVER HEAD
ABAND'D	ABANDONED	ELEC	ELECTRIC	PROP	PROPOSED
BTWN	BETWEEN	EX, EXIST	EXISTING	℄	SURVEY LINE
CATV	CABLE TV	FH	FIRE HYDRANT	SD&AE	SAN DIEGO ARIZONA & EASTERN RAILROAD
℄	CENTER LINE	FS	FIRE SERVICE	SDTI	SAN DIEGO TROLLEY INC.
COND	CONDUIT	HP	HIGH PRESSURE	SWR	SEWER
CONT	CONTINUED	IE	INVERT ELEVATION	TEL	TELEPHONE
CONTR	CONTRACTOR	MTS	SAN DIEGO METROPOLITAN TRANSIT SYSTEM	UNK	UNKNOWN
DB	DIRECT BURIED			WM	WATER METER
EB	ENCASED BURIED	MTD	MULTIPLE TELEPHONE DUCT	WTR	WATER

EXISTING STRUCTURES

EX WATER VALV E
EX WATER METER
EX FIRE HYDRANT
EX SEWER MAIN & MANHOLES
EX DRAINS
EX PAVEMENT (PROFILE)
EX GROUND LINE (PROFILE)
EX TRAFFIC SIGNAL — TS
EX STREET LIGHT — SL
GAS MAIN
ELEC. COND., TEL. COND., CATV — E — T — C —
RAILROAD, TROLLEY TRACKS

TRAFFIC CONTROL NOTES:

THE CONTRACTOR SHALL, PER SECTION X-XX.X.X OFTHE CONTRACT SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE WORKING DRAWINGS WILL BE SENT TO THE ENGINEERING TRAFFIC CONTROL SECTION FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL ALLOW A MINIMUM OF 20 WORKING DAYS FOR REVIEW OF THE WORKING DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT. WORK SHALL NOT BEGIN IN THE PUBLIC RIGHT OF WAY WITHOUT THE APPROVED TCP PERMIT.

* 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 CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

Mikel Ciafre 4/6/2021
(ENGINEER'S NAME) DATE

G-1

PLANS FOR THE CONSTRUCTION OF
Fenton Parkway Bridge
COVER SHEET

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of SAN DIEGO Public Works

SPEC. NO.

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT

WATER WBS 0-00000
SEWER WBS 0-00000

APPROVED: FOR CITY ENGINEER DATE
PRINT NAME RCE#

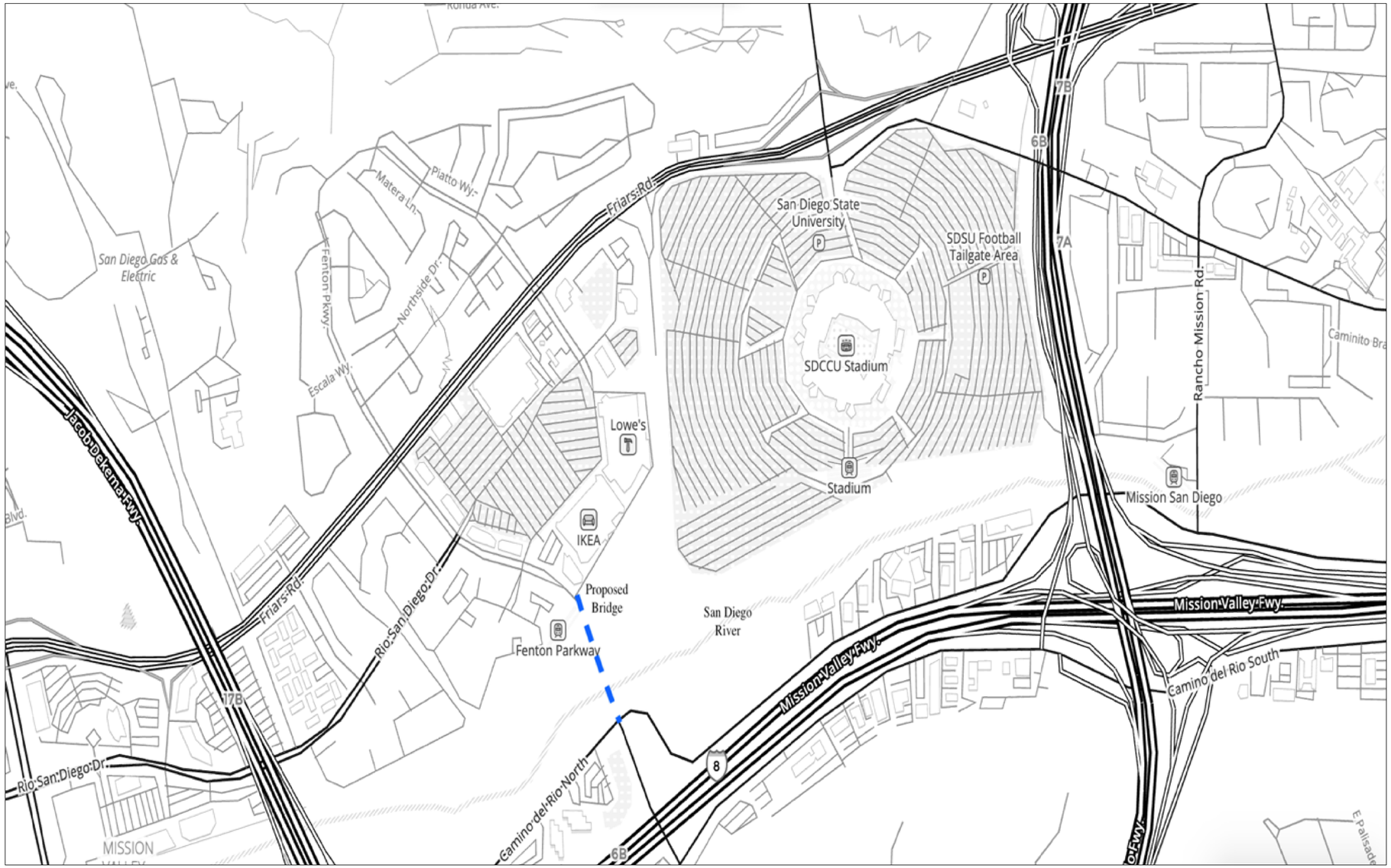
SUBMITTED BY: PROJECT MANAGER
CHECKED BY: PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XX/XX			

SEE SHEETS CCS27 COORDINATE
SEE SHEETS CCS83 COORDINATE

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

XXXXX-XX-X



N

KEY MAP
NO SCALE

G–2

PLANS FOR THE CONSTRUCTION OF
Fenton Parkway Bridge
Key Map

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

The City of SAN DIEGO Public Works

SPEC. NO.

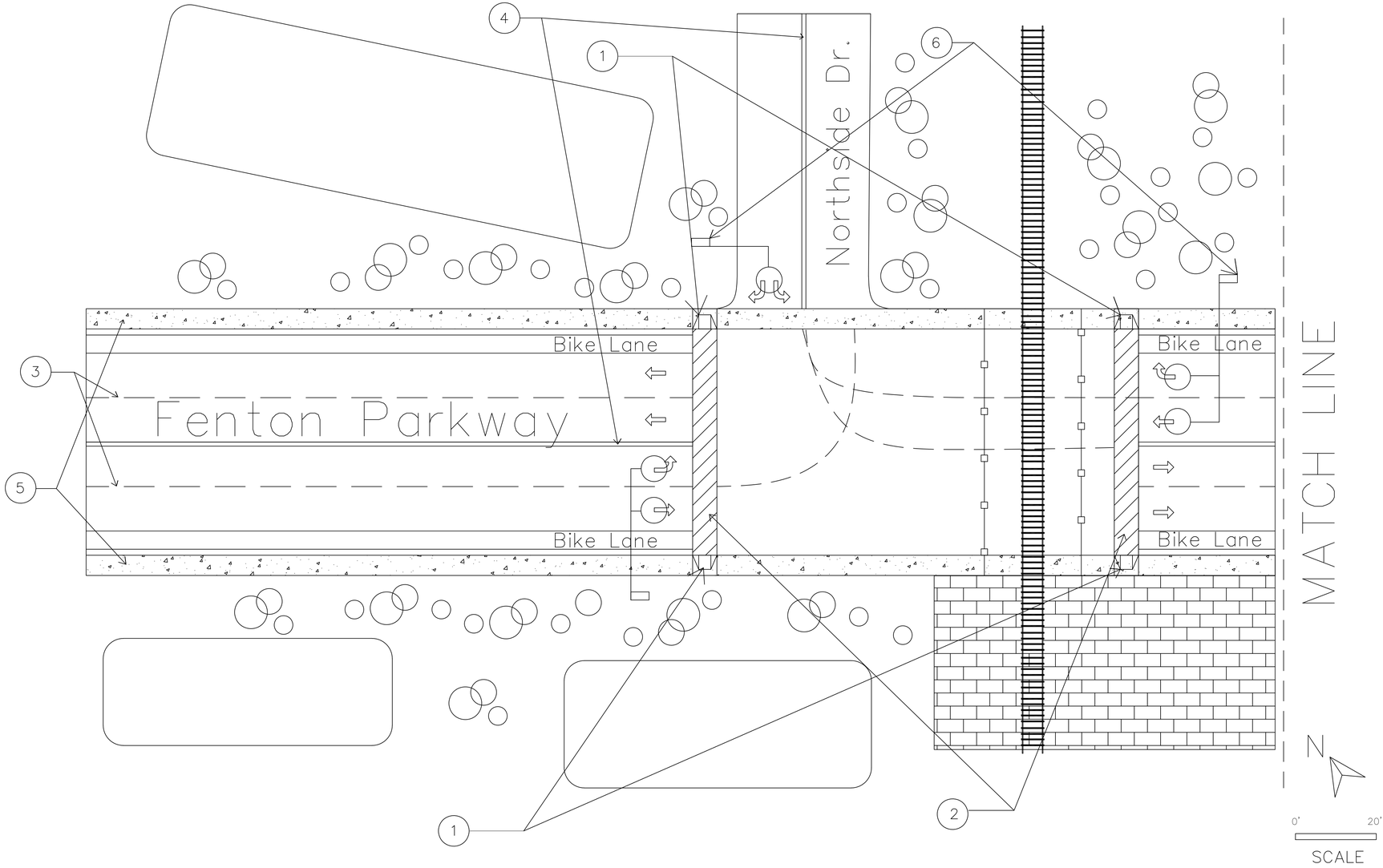
CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED:
FOR CITY ENGINEER ____ DATE ____
PRINT NAME ____ RCE# ____

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XX/XX			

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

WATER WBS 0–00000
SEWER WBS 0–00000
SUBMITTED BY: PROJECT MANAGER
CHECKED BY: PROJECT ENGINEER
SEE SHEETS CCS27 COORDINATE
SEE SHEETS CCS83 COORDINATE
XXXXX–XX–X



LEGEND

1. CURB RAMP
2. CROSSWALK
3. SINGLE WHITE DASHED LINE
4. DOUBLE YELLOW SOLID LINE
5. SIDEWALK
6. DETECTION LOOPS

RAILROAD, TROLLEY TRACKS

TROLLEY STATION DECK

TROLLEY CROSSING GATE

TREES

C-1

PLANS FOR THE CONSTRUCTION OF
Fenton Parkway Bridge
Traffic Signal Plan

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT

SPEC. NO.

WATER WBS 0-00000
SEWER WBS 0-00000

APPROVED:
FOR CITY ENGINEER ____ DATE ____
PRINT NAME ____ RCE# ____

SUBMITTED BY:
PROJECT MANAGER

CHECKED BY:
PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XX/XX			

SEE SHEETS
CCS27 COORDINATE

SEE SHEETS
CCS83 COORDINATE

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

XXXXX-XX-X

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

0' 20'
SCALE

The City of SAN DIEGO

Public Works

GENERAL CONSTRUCTION NOTES

Curb Ramp Notes

NOTES:

1. TWO CURB RAMPS ARE REQUIRED AT EACH SIDEWALK CORNER FOR NEW CONSTRUCTION OF ENTIRE INTERSECTION, EACH CURB RAMP SHALL CONNECT THE PEDESTRIAN ACCESS ROUTE AT EACH PEDESTRIAN STREET CROSSING. IN ALTERATIONS WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT TWO CURB RAMPS FROM BEING INSTALLED AT A STREET CORNER, A SINGLE PEDESTRIAN CURB RAMP IS PERMITTED. SEE DETAIL A AND B ON SDG-132.
2. OPPOSING CURB RAMPS AT A SINGLE CROSSING SHALL LINE UP. ALIGN THE CURB RAMP WITH THE CROSSWALK SO THERE IS A STRAIGHT PATH OF TRAVEL FROM THE TOP OF THE RAMP TO THE CURB RAMP ON THE OTHER SIDE, TO THE MAXIMUM EXTENT FEASIBLE.
3. PULL BOXES, MANHOLES, VAULTS, AND OTHER UTILITIES SHALL BE RELOCATED OR INCORPORATED ONTO THE CURB RAMP AREA PROVIDED THAT THE ACCESS COVER IS STABLE, FIRM, SLIP RESISTANT, AND FLUSH OR ADJUSTED TO GRADE. COORDINATE THE WORK WITH THE ENGINEER
4. UTILITY POLES MAY BE INCORPORATED INTO THE FLARES OF THE CURB RAMP PROVIDED THAT THE REQUIRED ACCESSIBLE ROUTE WIDTH IS COMPLIANT.
5. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 5% MINIMUM AND 8.33% MAXIMUM. IF THE CONDITION OF THE STREET AND SIDEWALK IS SUCH THAT THE EXISTING SLOPES DO NOT ALLOW THE INSTALLATION OF THE REQUIRED CURB RAMP SLOPE, THEN THE RAMP LENGTH SHALL BE EXTENDED TO 15 LINEAR FEET TO CATCH THE REQUIRED SLOPE EVEN IF THE REQUIRED SLOPE IS NOT ACHIEVED. COORDINATE WITH THE
6. ENGINEER PRIOR TO DEMOLITION OR CONSTRUCTION.

   GRADE BREAKS AT THE TOP AND BOTTOM OF THE RAMPS AND CURB RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF
7. RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.

8. PROVIDE A 1/4" DEEP TOOLED JOINT WITH 1/4" RADIUS EDGES AS SHOWN ON DRAWINGS.

9. INSTALL A 1/4" EXPANSION JOINT FILLER BETWEEN THE NEW CURB RAMP GUTTER AND THE EXISTING SIDEWALK.
10. PONDING IS NOT ALLOWED WITHIN THE CURB RAMP LIMITS, AND THE DRAINAGE PATTERN SHALL NOT BE ALTERED.
11. THE ADJUSTMENT OF THE CROSS SLOPE AT THE RAMP OPENING SHALL NOT CAUSE GUTTER TRICKLE FLOW TO SPILL ONTO TRAVELLED LANES OR PONDING ANYWHERE.
12. TRANSITIONS FROM RAMPS TO WALKS AND SIDEWALK GUTTER OR STREET SURFACE SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. PAVEMENT AT THE STREET SURFACE SHALL BE MILLED TO ACHIEVE FLUSH
13. CONDITION.

    THE REMOVAL OF EXISTING PAVEMENT, CONCRETE CURB, GUTTER, SIDEWALK, AND EXISTING CURB RAMP FOR THE INSTALLATION OF A NEW CURB RAMP SHALL COMPLY WITH SDG-156.
14. DIAGONAL OR CORNER TYPE CURB RAMPS WITH RETURNED CURBS OR OTHER WELL-DEFINED EDGES SHALL HAVE THE EDGES PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 24" LONG MINIMUM LOCATED ON EACH SIDE OF THE
15. CURB RAMP AND WITHIN THE MARKED CROSSING.

    DIAGONAL CURB RAMPS SHALL HAVE A CLEAR 4' X 4' MINIMUM TURNING SPACE BEYOND THE BOTTOM
16. GRADE BREAK WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE ACTIVE TRAFFIC LANES OF THE ROADWAY (VEHICULAR AND BIKE LANES).

    CURB RAMP AND FORM WORK SLOPES SHALL BE CHECKED WITH A DIGITAL LEVEL OF AN APPROPRIATE
17. LENGTH. NO PORTION OF A RAMP RUN SHALL EXCEED THE MAXIMUM SLOPE REQUIREMENT.

18. THE COUNTER SLOPE WITHIN 48" OF THE CURB RAMP SHALL BE 5% MAXIMUM. IN ALTERATIONS IF THE COUNTER SLOPE OF 5% MAXIMUM CANNOT BE ACHIEVED, THEN ADJUST THE SLOPE OR ELEVATION OF THE
19. RAMP SO THE COMBINED COUNTER SLOPE AND RAMP SLOPE DOES NOT EXCEEDS 13.3%.

    THE SLOPE OF THE RAMP SHALL BE UNIFORM ALONG EACH RAMP RUN.

    THE CROSS SLOPE SHALL BE MEASURED PERPENDICULAR TO THE PATH OF TRAVEL.

    ANY DEVIATION FROM THESE PROVISIONS REQUIRES PRIOR APPROVAL FROM THE ENGINEER.

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

The City of SAN DIEGO Public Works

C-2

PLANS FOR THE CONSTRUCTION OF
Fenton Parkway Bridge
CONSTRUCTION NOTES

SPEC. NO.

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT

WATER WBS 0-00000
SEWER WBS 0-00000

APPROVED:
FOR CITY ENGINEER DATE
PRINT NAME RCE#

SUBMITTED BY:
PROJECT MANAGER

CHECKED BY:
PROJECT ENGINEER

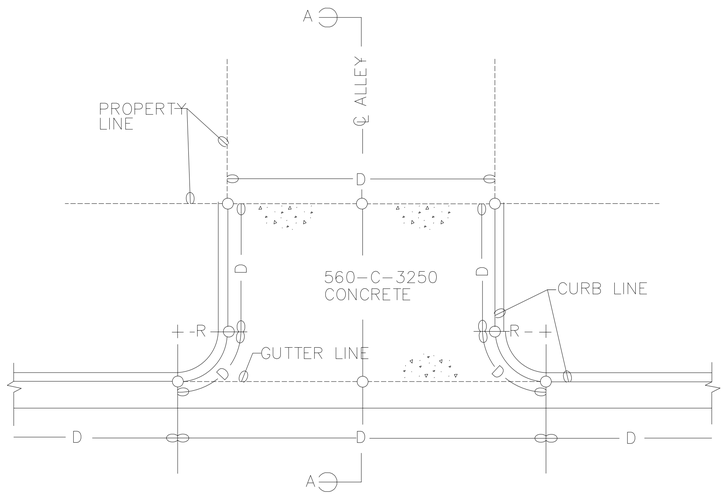
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XX/XX			

SEE SHEETS
CCS27 COORDINATE

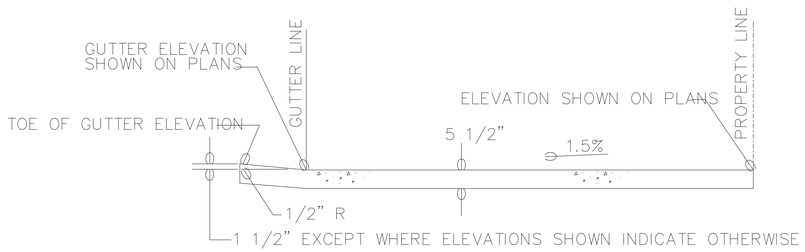
SEE SHEETS
CCS83 COORDINATE

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

XXXXX-XX-X



PLAN

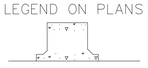


SECTION A-A

NOTES

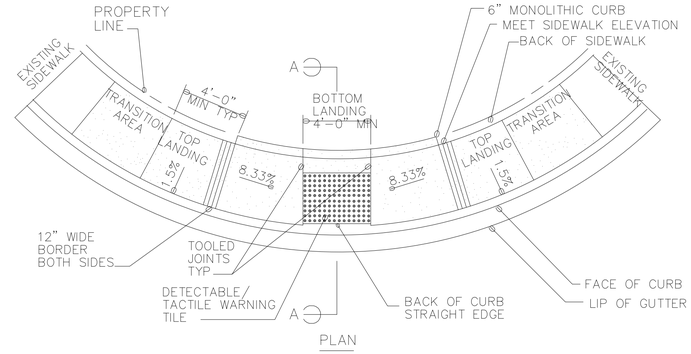
1. CURB RAMPS SHALL BE INSTALLED AS SHOWN ON THE PLANS.
2. D= DISTANCE SHOWN ON PLANS.
3. R= RADIUS SHOWN ON PLANS 3' MINIMUM.
4. O= ELEVATIONS SHOWN ON PLANS (TOP OF CURB AND GUTTER ELEV.).
5. ----------= 1/2" EXPANSION JOINTS.
6. CONSTRUCTION OF ALLEY APRON INCLUDES THE ADJACENT 6" CURB.
7. REFER TO CURB RAMP DETAIL, SDG-137.

LEGEND ON PLANS

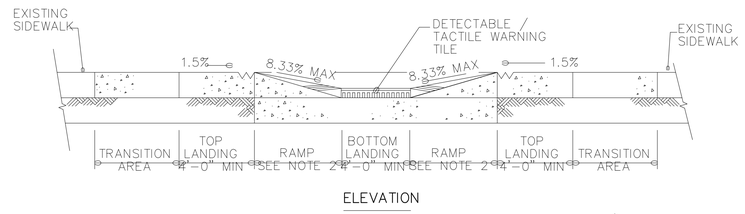


1

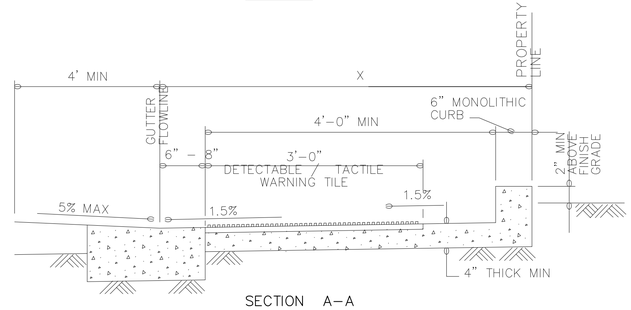
ALLEY APRON



PLAN



ELEVATION



SECTION A-A

NOTES

1. TYPE C1 CURB RAMP SHALL ONLY BE USED TO MITIGATE EXISTING CONDITIONS WHERE INADEQUATE RIGHT OF WAY EXISTS. TYPE C1 SHALL BE USED WHEN X<8'. X=DISTANCE FROM FACE OF CURB TO PROPERTY LINE.
2. SEE SDG-130 FOR ADDITIONAL CURB RAMP DETAILS AND INFORMATION.

2

CURB RAMP TYPE C1

C-3

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

The City of SAN DIEGO Public Works

PLANS FOR THE CONSTRUCTION OF
Fenton Parkway Bridge
STANDARD DRAWINGS

SPEC. NO.

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT

WATER WBS 0-00000
SEWER WBS 0-00000

APPROVED:
FOR CITY ENGINEER DATE
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CHECKED BY:
PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XX/XX			

SEE SHEETS
CCS27 COORDINATE

SEE SHEETS
CCS83 COORDINATE

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

XXXXX-XX-X