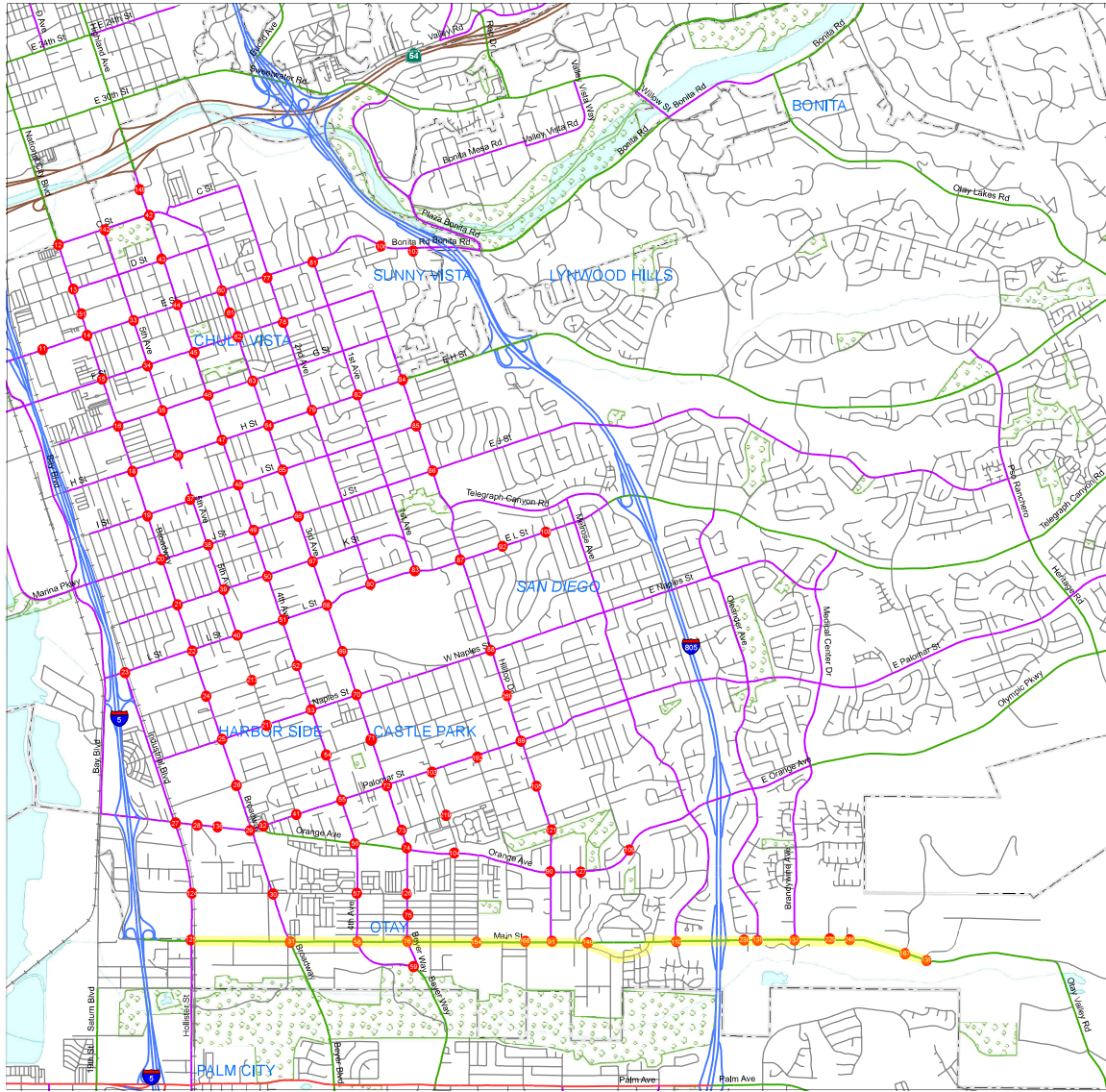


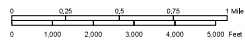
LOCATION MAP

SEE MAP 15Y44

SEE MAP 16Y41



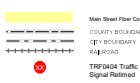
APPROVED Date 03/29/12
FEDERAL HIGHWAY ADMINISTRATION
Wesley R. Kellum
FOR: VINCENT P. MAMMANO
DIVISION ADMINISTRATOR



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
IN COOPERATION WITH THE
FEDERAL HIGHWAY ADMINISTRATION
AND LOCAL AGENCIES



SEE MAP 15Y55



FUNCTIONAL CLASSIFICATION SYSTEM	
INTERSTATE	1
OTHER FHWY OR EXPWAY	2
OTHER PRINCIPAL ARTERIAL	3
MINOR ARTERIAL	4
MAJOR COLLECTOR	5
MINOR COLLECTOR	6
LOCAL	7



MAP 15Y45

San Diego CALIFORNIA ROAD SYSTEM

INSTALLATION OF FIBER OPTIC/ ETHERNET COMMUNICATION SYSTEM

GENERAL NOTES:

- ALL EXISTING UTILITIES AND STRUCTURES REPORTED BY OWNERS OR OTHERS, AND THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED ON THE PLANS WITH THEIR APPROXIMATE LOCATION AND EXTENT. UNDERGROUND FACILITIES MAY EXIST WHICH HAVE NOT BEEN REPORTED OR ON RECORD. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THOSE FACILITIES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THESE FACILITIES BEFORE STARTING WORK.

STREET LIGHTS, TRAFFIC SIGNALS, (CITY OF CHULA VISTA)	619-397-6163
STORM DRAIN, SEWER (CITY OF CHULA VISTA)	619-397-6009
WATER (SWEETWATER AUTHORITY)	619-420-1413
(OTAY WATER DISTRICT)	619-670-2222
TELEPHONE (AT&T)	619-266-4725
GAS & ELECTRIC (SDG&E)	858-654-8339
CABLE T.V. (COX COMMUNICATIONS - SAN DIEGO)	619-266-5220
(MEDIA3 COMMUNICATIONS)	619-426-3114
(CROWN CASTLE COMMUNICATIONS)	626-320-0996
(NOTIFICATION TO BE 48 HOURS PRIOR TO STARTING WORK.)	

IMPORTANT NOTICE
SECTION 4216/ 4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND

SERVICE ALERT
TOLL FREE 811
TWO WORKING DAYS BEFORE YOU DIG

- CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER AND TRAFFIC SIGNAL SHOP 48 HOURS (2 WORKING DAYS) PRIOR TO START OF WORK. CONTRACTOR SHALL GIVE ONE WORKING DAY NOTICE ON ALL CALLS FOR INSPECTION. ANY WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL AT NO COST TO THE CITY.
CONSTRUCTION INSPECTION EMAIL ConstructionInspection@chulavistaca.gov
TRAFFIC SIGNAL MAINTENANCE SHOP 619-397-6163
- AS BUILT DRAWINGS: A SET OF BLUELINE PRINTS AND A SET OF SPECIFICATIONS SHALL BE KEPT AT ALL TIMES ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL UTILITIES FOUND, ARE TO BE RECORDED AND PLOTTED ACCURATELY.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS INCLUDES SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND THE CITY REPRESENTATIVES FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, ON CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- THE PERPETUATION OF EXISTING HORIZONTAL AND VERTICAL CONTROL AND PROPERTY MONUMENTS WILL BE DONE BY THE CITY SURVEYING GROUP UNLESS THERE IS A BID ITEM IN THE CONTRACT PROPOSAL FOR THE CONTRACTOR TO DO IT. ANY PROPERTY MONUMENTS DESTROYED BY THE CONTRACTOR'S NEGLIGENCE MUST BE REPLACED AT HIS/HER OWN EXPENSE. CITY BENCHMARKS AND INTERSECTION TIES WILL BE REFERENCED AND REPLACED BY THE CITY SURVEYING GROUP.
- THE LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS TO BE MET (OR AVOIDED) BY THE WORK TO BE DONE SHALL BE CONFIRMED BY THE CONTRACTOR'S FIELD MEASUREMENTS PRIOR TO THE CONSTRUCTION OF NEW WORK. THE CONTRACTOR SHALL REPORT TO THE OWNER ANY DISCREPANCIES BETWEEN HIS/HER MEASUREMENTS AND THESE PLANS.
- CONTRACTOR SHALL PROTECT IN PLACE ALL THOSE IMPROVEMENTS NOT SHOWN TO BE REMOVED, RELOCATED, ADJUSTED, OR REPLACED.
- CONTRACTOR SHALL REPLACE AT NO COST TO THE CITY ANY TRAFFIC SIGNAL EQUIPMENT INCLUDING LOOPS THAT ARE DAMAGED DURING CONSTRUCTION.

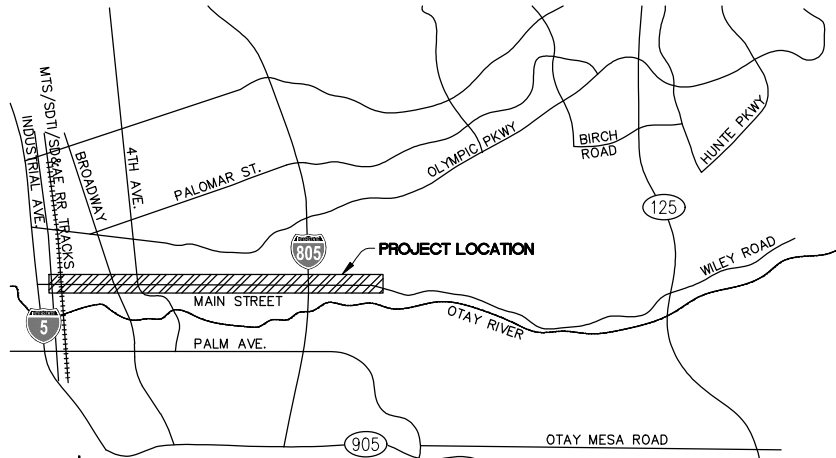
PRECONSTRUCTION CONFERENCE

THE CONTRACTOR SHALL NOT BEGIN ANY WORK ON THIS PROJECT UNTIL A PRECONSTRUCTION CONFERENCE IS HELD WITH THE ENGINEER OF WORK, AND THE CONSTRUCTION CITY INSPECTOR.

AS BUILTS:

THE CONTRACTOR SHALL FURNISH TO THE ENGINEER OF WORK, AS-BUILT PLANS FOR ALL NEW IMPROVEMENTS SHOWN ON THESE PLANS FOR SUBMITTAL TO THE CITY ENGINEER FOR APPROVAL ACCORDING TO SECTION 15.04.140 OF THE CHULA VISTA CODE. A SET OF APPROVED PLANS AND A SET OF SPECIFICATIONS SHALL BE KEPT ON-SITE AT ALL TIMES ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL UTILITIES FOUND ARE TO BE RECORDED AND PLOTTED ACCURATELY BY THE CONTRACTOR.

MAIN STREET CORRIDOR; FROM INDUSTRIAL BOULEVARD TO NIRVANA AVENUE IN THE CITY OF CHULA VISTA, CALIFORNIA CIP NO. TRF 0404 / FEDERAL NO. HSIPL-5203(047)



VICINITY MAP
NO SCALE

DRAWING NO.

01
02
03-14
15
16-24
25-27

SHEET INDEX

DESCRIPTION

COVER SHEET
SPECIAL NOTES
INTERCONNECT PLANS
COMMUNICATION SCHEMATIC
FIBER SPLICE DETAILS
DETAILS

LEGEND

	EXISTING MANHOLE
	EXISTING SEWER MANHOLE
	EXISTING TRAFFIC SIGNAL POLE
	EXISTING WATER MAIN
	EXISTING SEWER MAIN
	EXISTING STORM DRAIN
	EXISTING GAS MAIN
	EXISTING TELEPHONE LINE
	EXISTING UNDERGROUND ELECTRICAL LINE
	EXISTING CABLE TV LINE
	EXISTING FENCE LINE
	EXISTING DUAL PVC CONDUIT
	EXISTING FIBER OPTIC CABLE
	PROPOSED FIBER OPTIC CABLE
	PROPOSED JUMPER FIBER OPTIC-12 STRAND SMFO BRANCH CABLE IN EXISTING CONDUIT
	PROPOSED SPLICE VAULT
	PROPOSED 6E PULL BOX
	EXISTING SPLICE VAULT
	EXISTING 6E PULL BOX
	SINGLE FIBER TERMINATED

FOC	FIBER OPTIC CABLE
PVC	POLYVINYL CHLORIDE
SDG&E	SAN DIEGO GAS AND ELECTRIC
SMFO	SIGNAL MODE FIBER OPTIC
STA	CENTERLINE STATIONING
R/W	RIGHT OF WAY
CV TS	CITY OF CHULA VISTA TRAFFIC SIGNAL CONDUIT
PCC	PORTLAND CEMENT CONCRETE
AC	ASPHALTIC CONCRETE
HDPE	HIGH DENSITY POLYETHYLENE
TYP	TYPICAL
CB	INSTALL CONDUIT INTO EXISTING PULL BOX.
CC	CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED

FIBER OPTIC CABLE
POLYVINYL CHLORIDE
SAN DIEGO GAS AND ELECTRIC
SIGNAL MODE FIBER OPTIC
CENTERLINE STATIONING
RIGHT OF WAY
CITY OF CHULA VISTA TRAFFIC SIGNAL CONDUIT
PORTLAND CEMENT CONCRETE
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TYPICAL
INSTALL CONDUIT INTO EXISTING PULL BOX.
CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED

WORK TO BE DONE:

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THE PLANS. THE WORK TO BE DONE CONSISTS OF THE ITEMS INDICATED UNDER THE "LEGEND" SHOWN BELOW AND THE FOLLOWING DOCUMENTS:

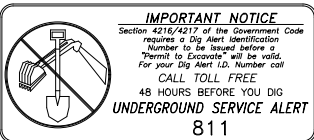
- 2012 CITY OF CHULA VISTA SUBDIVISION MANUAL.
- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION ("GREENBOOK").
- 2012 REGIONAL SUPPLEMENT TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTIONS ("REGIONAL SUPPLEMENT").
- SAN DIEGO REGIONAL STANDARD DRAWINGS ("SDRSD"), DATED SEPTEMBER 2012.
- CITY OF CHULA VISTA STANDARD SPECIAL PROVISIONS (CV SPECIAL PROVISIONS), DATED APRIL 2019.
- CITY OF CHULA VISTA DEPARTMENT OF ENGINEERING AND CAPITAL PROJECTS DESIGN AND CONSTRUCTION STANDARD DRAWINGS 2017 (CVSD).
- CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS 2015 ("CALTRANS STANDARD PLANS").
- CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 2015 ("CALTRANS STANDARD SPECIFICATIONS").
- 2014 CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, REVISION 2 (CA-MUTCD).

ALL AS ADOPTED BY THE CITY OF CHULA VISTA ARE MADE A PART OF THE SPECIFICATIONS. ALL REFERENCES ARE TO BE MADE PART OF THESE PLANS. ANY CHANGES OR REVISIONS THEREFROM, SHALL BE APPROVED BY THE CITY OF ENGINEER, OR HIS DESIGNEE, PRIOR TO ANY REQUEST FOR INSPECTION.

WORK INCLUDES INSTALLATION OF NEW FIBER OPTIC CABLES, TRENCHING, TRENCH REPAIR, SIDEWALK REPAIR, AND VAULT INSTALLATION.

UTILITY NOTES:

- THE LOCATIONS OF ALL UTILITIES SHOWN HEREON ARE BASED ON FACILITY MAPS PROVIDED BY THE RESPECTIVE UTILITY COMPANIES AND ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES IN THE FIELD TO ENSURE THAT DAMAGE OR INTERRUPTIONS OF SERVICE ARE PREVENTED.
- CONDUITS FOR ALL TELECOMMUNICATIONS UTILITIES SHOWN (CATV, FO, T) MAY CONTAIN FIBER OPTIC CABLES.
- CONTRACTOR TO PROTECT ALL SWEETWATER AUTHORITY FACILITIES LOCATED WITHIN THE PROJECT IMPROVEMENTS AREA. ALL WATER METERS, METER BOXES, METER VAULTS, FIRE HYDRANTS, GATE VALVES, GATE WELLS, AND SERVICE LINES TO BE PROTECTED IN PLACE.
- CONTRACTOR TO MAINTAIN A MINIMUM PARALLEL SEPARATION OF 5' FROM TRENCHING TO SWEETWATER FACILITIES.
- ALL UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS.



Kimley»Horn

KIMLEY-HORN & ASSOCIATES, INC.
401 B STREET SUITE 600
SAN DIEGO CA 92101
(619) 234-9411

RESPONSIBLE
CHARGE
OF WORK:
JON M. COLLINS, P.E.
CIVIL ENGINEER

DATE: 10/30/2019
RCE NO.
62090



INSTALLATION OF FIBER OPTIC/ ETHERNET COMMUNICATION SYSTEM (TRF0404)

COVER SHEET

UTILITY NOTE: ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE PLOTTED FROM RECORD DATA AT THEIR APPROXIMATE LOCATIONS. UNDERGROUND FACILITIES MAY EXIST WHICH HAVE NOT BEEN REPORTED OR ARE NOT OF RECORD. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PERTINENT UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.



CITY OF CHULA VISTA
ENGINEERING AND
CAPITAL PROJECTS
276 FOURTH AVENUE
CHULA VISTA, CA 91910
WWW.CHULAVISTACA.GOV

SUBSET
SHEET ID:
CV-01

REVIEWED BY:
ROSINA CONSTANZA, P.E. SENIOR CIVIL ENGINEER

DATE: 11/20/2019

APPROVED BY:
JOSE LUIS GOMEZ, P.E. PLS-PRINCIPAL CIVIL ENGINEER

DATE: 11/20/2019

DRAWING NO.

19026-01

CONSTRUCTION RECORD

CONTRACTOR: DBX, INC.	SIGNED:	AS-BUILT	DISCIPLINE: CIVIL
INSPECTOR: DAVID WHITE	PRINTED NAME: JON M. COLLINS	DATE: 08/11/2021	R.C.E. NO.: 62090
DATE COMPLETED: 03/16/2021			EXPIRATION: 09/30/2023