

GENERAL NOTES:

1. 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, STORM DRAINS, SEWER, (CITY OF CHULA VISTA).....	1-619-397-6165
WATER, (SHEETWATER AUTHORITY)..... (CITY OF SAN DIEGO).....	1-619-420-1413 1-858-854-4225
TELEPHONE, (A.T. & T.).....	1-619-268-4683
CAS & ELECTRIC, (S.D.C. & E.).....	1-619-230-7800
CABLE T.V. (COX COMMUNICATIONS OF SAN DIEGO).....	1-619-263-9251
ALLIED WASTE SERVICES (TRASH PICK-UP).....	(619) 656-3571

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 8-1-1 TWO WORKING DAYS BEFORE YOU DIG.

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE OFFICE OF THE CITY ENGINEER 48 HOURS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL GIVE 24 HOURS ADVANCE NOTICE ON ALL CALLS FOR INSPECTION. ANY WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL AT THE CONTRACTOR'S EXPENSE. FOR INSPECTION CALL: (619) 397-6128
- AS BUILT DRAWINGS: A SET OF PRINTS 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.
- 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 THE OWNER AND THE CITY REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN 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 SO. 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.
- CONSTRUCTION SURVEYING SHALL BE PROVIDED BY THE CITY. THE CONTRACTOR SHALL GIVE A MINIMUM OF 2 WORKING DAYS NOTICE FOR STAKING REQUESTS.
- 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.
- "STREET NAME", "STOP" AND OTHER PERMANENT TRAFFIC SIGNS WILL BE REMOVED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL BE OBLIGATED TO RESET POLES. CITY TO FURNISH NEW POLES IF REQUIRED. ANY TRAFFIC SIGNS TO BE REMOVED SHALL BE SALVAGED AND RETURNED TO THE PUBLIC WORKS CENTER AT 1800 MAXWELL ROAD, CHULA VISTA, CALIFORNIA BY THE CONTRACTOR.
- CONTRACTOR SHALL PROTECT IN PLACE ALL THOSE IMPROVEMENTS NOT SHOWN TO BE REMOVED, RELOCATED, ADJUSTED OR REPLACED.
- THE CITY OF CHULA VISTA'S PUBLIC WORKS DEPARTMENT SHALL BE PROVIDED/OFFERED ANY HEADER/EDGE ASPHALT GRINDINGS PRODUCED BY THE CONTRACTOR ON PROJECT.
- LOT LINES FROM RECORD MAPS WERE DRAWN BASED ON DISTANCES AND ANGLES FROM RECORD MAPS. NO DEEDS/LEGAL DESCRIPTIONS WERE REVIEWED. ALSO, NO EFFORT HAS BEEN MADE TO RECONCILE FOUND MONUMENTS WITH LOT LINES OR ASSESSOR'S PARCEL LINES. MONUMENTS ARE NOT TO BE ASSUMED TO BE AT LOT CORNERS OR ASSESSOR'S PARCEL CORNERS.

PHASE II - WILLOW STREET BRIDGE REPLACEMENT

BETWEEN BONITA ROAD AND VALLEY VISTA ROAD IN THE CITY OF CHULA VISTA, CALIFORNIA

CITY OF CHULA VISTA PROJECT No. STL-261
FEDERAL PROJECT No. BHLS-5203(016)

BRIDGE No. 57C0855

SPECIAL NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, STREETS, UTILITIES, WALLS AND STORM DRAINS ARE BUILT ACCORDING TO THESE PLANS. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER OF WORK AT (619) 681-5115 AND THE CITY INSPECTOR. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM CONTRACTOR'S OPERATIONS BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESLTING BASINS, SILT FENCES, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE TOTAL PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHATEVER UNIFORM, AGENCY OR ASSOCIATION IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
- CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING UTILITIES.
- BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL FIELD VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY LINES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS.
- CONTRACTOR IS RESPONSIBLE FOR HAVING TRAFFIC CONTROL PLANS APPROVED BY THE CITY ENGINEER BEFORE COMMENCING ANY WORK IN THE PUBLIC RIGHT OF WAY.
- CONTRACTOR SHALL REPAIR ALL DESTROYED OR DAMAGED EXISTING SURFACE IMPROVEMENTS WITH IMPROVEMENTS EQUAL OR SUPERIOR.
- ALL DEMOLISH MATERIAL SHALL BE REMOVED FROM THE JOB SITE TO AN APPROVED DISPOSAL SITE.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL PROPOSED CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.
- STOP SIGN AND STREET NAME SIGN POLES SHALL BE CONSTRUCTED CONCURRENT WITH SIDEWALK CONSTRUCTION ACCORDING TO CVD-TRO2 AND CVD-TRO6A.

WORK TO BE DONE:

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2012) EDITION, COMMONLY REFERRED TO AS THE "GREENBOOK", 2012 SUPPLEMENTS TO THE STANDARD SPECIFICATIONS, SAN DIEGO REGIONAL SUPPLEMENTS AMENDMENTS (2012), CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS (2010), STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD 2014), CHULA VISTA STANDARD SPECIAL PROVISIONS (2013), COUNTY OF SAN DIEGO REGIONAL STANDARD DRAWINGS (2015), AND THE CITY OF CHULA VISTA CONSTRUCTION STANDARDS (2002). ALL AS ADOPTED BY THE CITY OF CHULA VISTA MADE PART OF THE PROJECT SPECIFICATIONS.

PRE-CONSTRUCTION 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 MUNICIPAL CODE.

SOILS ENGINEER'S CERTIFICATE:

I, YONG WANG, A REGISTERED CIVIL ENGINEER OF THE STATE OF CALIFORNIA, PRINCIPALLY DOING BUSINESS IN THE FIELD OF APPLIED SOIL MECHANICS, HEREBY VERIFY THAT A SAMPLING AND STUDY OF THE SOIL CONDITIONS PREVALENT WITHIN THIS SITE WAS MADE BY ME OR UNDER MY DIRECTION BETWEEN THE DATES OF 10/10/06 AND 02/25/13. ONE COMPLETE COPY OF THE SOILS REPORT COMPILED FROM THIS STUDY, WITH MY RECOMMENDATIONS, HAS BEEN SUBMITTED TO THE OFFICE OF THE CITY ENGINEER.

THESE GRADING PLANS HAVE BEEN REVIEWED BY ME OR UNDER MY DIRECTION AND CONFORM TO THE RECOMMENDATIONS MADE IN THE SOILS REPORT MENTIONED ABOVE.

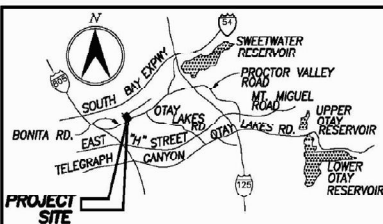
SIGNED: [Signature] DATE: 10/12/16
R.C.E. No. 62819
EXPIRATION DATE: 06/30/18

DECLARATION OF RESPONSIBLE CHARGE:

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, AND 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.

CITY OF CHULA VISTA
278 FOURTH AVENUE
CHULA VISTA, CALIFORNIA 91910

BY: GREGORY E. TSCHERCH, R.C.E. 00073 EXP 12/31/10 DATE: _____



VICINITY MAP
NOT TO SCALE

EARTHWORK QUANTITIES

CUT: ±2,638 CUBIC YARDS
FILL: ±10,320 CUBIC YARDS
IMPORT: ±7,682 CUBIC YARDS

SWPPP NOI INFORMATION:
DISTURBANCE AREA: 10 ACRES
WDID# 9 37C369366

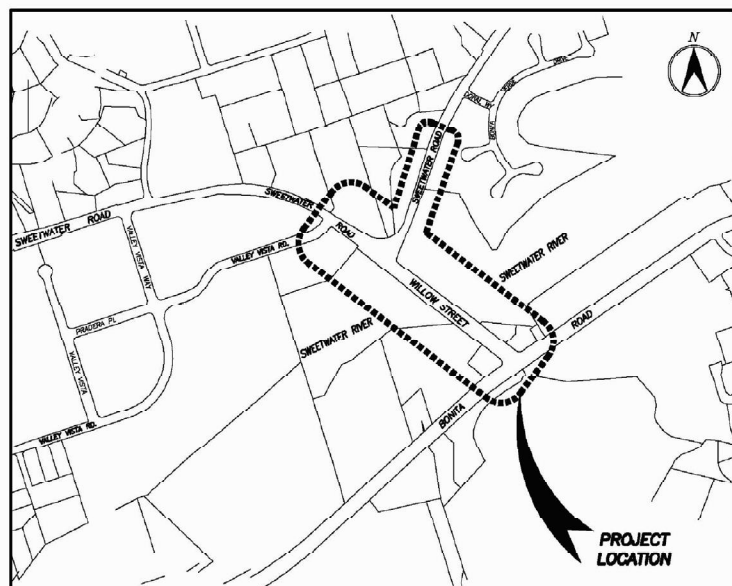
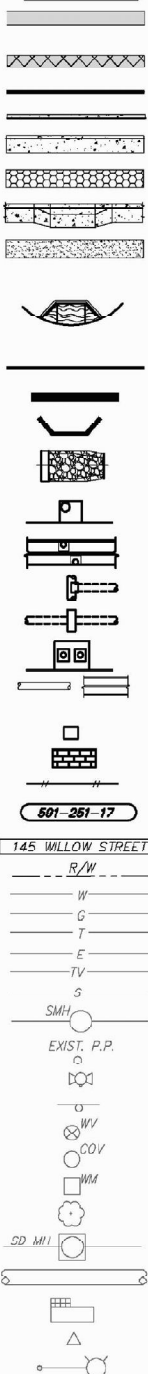
IMPROVEMENT:

1. PLACEMENT OF ASPHALT CONCRETE PAVEMENT AND AGGREGATE BASE
2. COLD PLANING AND OVERLAY
3. EDGE OF PAVEMENT
4. 6" P.C.C. CURB AND GUTTER
5. P. C. C. MONOLITHIC CURB, GUTTER & SIDEWALK
6. POROUS ASPHALT PAVEMENT
7. P. C. C. DRIVEWAY APPROACH
8. DECOMPOSED GRANITE
9. P. C. C. PEDESTRIAN RAMPS
10. CURB AND GUTTER- MEDIAN
11. HEADWALL, STRAIGHT
12. HEADWALL, WING TYPE
13. RIP RAP ENERGY DISSIPATER
14. STORM DRAIN CURB INLET, LENGTH VARIES
15. STORM DRAIN CLEANOUT
16. CONCRETE LUG
17. PIPE COLLAR
18. BIOFILTRATION SYSTEM
19. STORM DRAIN PIPES (RCP, PVC, HDPE PIPES, AND DOWEL BOX CULVERT)
20. STREET LIGHT PULL BOX
21. STAMPED CONCRETE
22. LIMITS OF GRADING
23. ASSESSOR'S PARCEL NUMBER
24. PROPERTY ADDRESS
25. RIGHT OF WAY LINE
26. EXISTING WATER LINE
27. EXISTING GAS LINE
28. EXISTING TELEPHONE LINE
29. EXISTING ELECTRIC LINE
30. EXISTING CABLE LINE
31. EXISTING SEWER LINE
32. EXISTING SEWER MANHOLE
33. EXISTING TELECOMMUNICATION POLE
34. EXISTING FIRE HYDRANT
35. EXISTING TRAFFIC SIGN
36. EXISTING WATER VALVE
37. EXISTING WATER CUT OFF VALVE
38. EXISTING WATER METER
39. EXISTING TREES
40. EXISTING STORM DRAIN MANHOLE
41. EXISTING STORM DRAIN PIPE
42. EXISTING STORM DRAIN INLET
43. EXISTING SURVEY WELL MONUMENT
44. EXISTING STREET LIGHT STANDARD

STANDARD DRAWING NO.

- PER PLAN
- PER PLAN
- PER PLAN
- PER SDRSD G-2
- PER SDRSD G-3, PLAN & SPECIFICATION
- PER PLAN
- PER CVCS 1A
- PER PLAN
- PER CVCS-25 TYPE A & CVCS-27A TYPE C (WITHIN CITY OF CHULA VISTA R.O.W.) PER SDCS DS-21A & DS-21B (WITHIN COUNTY OF SAN DIEGO R.O.W.)
- PER SDRSD G-6, TYPE B-1
- PER SDRSD D-30, TYPE A
- PER SDRSD D-34 MODIFIED
- PER SDRSD D-40
- PER SDRSD D-2, TYPE B-1 & B-2, CVCS 24
- PER SDRSD D-9, TYPE A MODIFIED
- PER SDRSD D-53
- PER SDRSD D-52
- PER SPECIFICATIONS
- PER PLAN, SPECIFICATION & PER SDRSD D-77A
- PER CVCS 11
- PER PLAN & SPECIFICATION
- PER PLAN

SYMBOL:

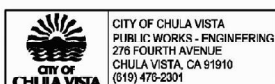


LOCATION MAP
NOT TO SCALE

"ENGINEER OF WORK CERTIFICATE"

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE IMPROVEMENTS SHOWN ON THIS SET OF PLANS (SHEET 12013-01 THROUGH SHEET 12013-118) HAVE BEEN INSTALLED AND CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE SAID PLANS, ALL APPROPRIATE STANDARDS AND ANY DISCRETIONARY APPROVAL(S) FOR THE PROJECT.

SIGNED: _____ DATE: _____
PRINTED NAME: GREGORY E. TSCHERCH P.E. No. 60673
DISCIPLINE: CIVIL MY REGISTRATION EXPIRES: _____



AS-BUILT

SIGNATURE _____ DATE _____
Printed Name _____ P.E. No. _____
My Registration Expires _____ Discipline _____

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.

CONSTRUCTION RECORD	REFERENCES	REVISIONS	DATUM	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	APPROVED BY	DATE	CITY OF CHULA VISTA	DEPARTMENT OF PUBLIC WORKS	DRAWING NO.
			VERTICAL DATUM: NAVD 88 HORIZONTAL DATUM: CCS '83, ZONE 6, EPOCH 1981.35	HORIZONTAL AS SHOWN VERTICAL N/A	CESAR V. MACBUHAT	CESAR V. MACBUHAT	[Signature]	10/05/2016	[Signature]	10/03/2016	PHASE II - WILLOW STREET BRIDGE REPLACEMENT		12013-01
					GREGORY E. TSCHERCH	GREGORY E. TSCHERCH	PALL A. OBERMAIER, P.E. - ASSOCIATE CIVIL ENGINEER		JOSE LUIS GOMEZ, P.E., P.L.S. - PRINCIPAL CIVIL ENGINEER		BETWEEN BONITA ROAD AND VALLEY VISTA ROAD		CIP # STL-261

SHEET 01	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	27 SHEETS
PLANS FOR THE IMPROVEMENT OF:		
PHASE II - WILLOW STREET BRIDGE REPLACEMENT COUNTY OF SAN DIEGO, CALIFORNIA		
RECOMMENDED FOR APPROVAL: SUBDIVISION ENGINEER	APPROVED FOR SERIOUS DELAY/AMOUNT COUNTY ENGINEER BY: _____ DATE: _____	
ENGINEER OF WORK: GREGORY E. TSCHERCH, R.C.E. 60673		POS2013-LDPIP-00002
TOTAL OF 126 SHEETS		