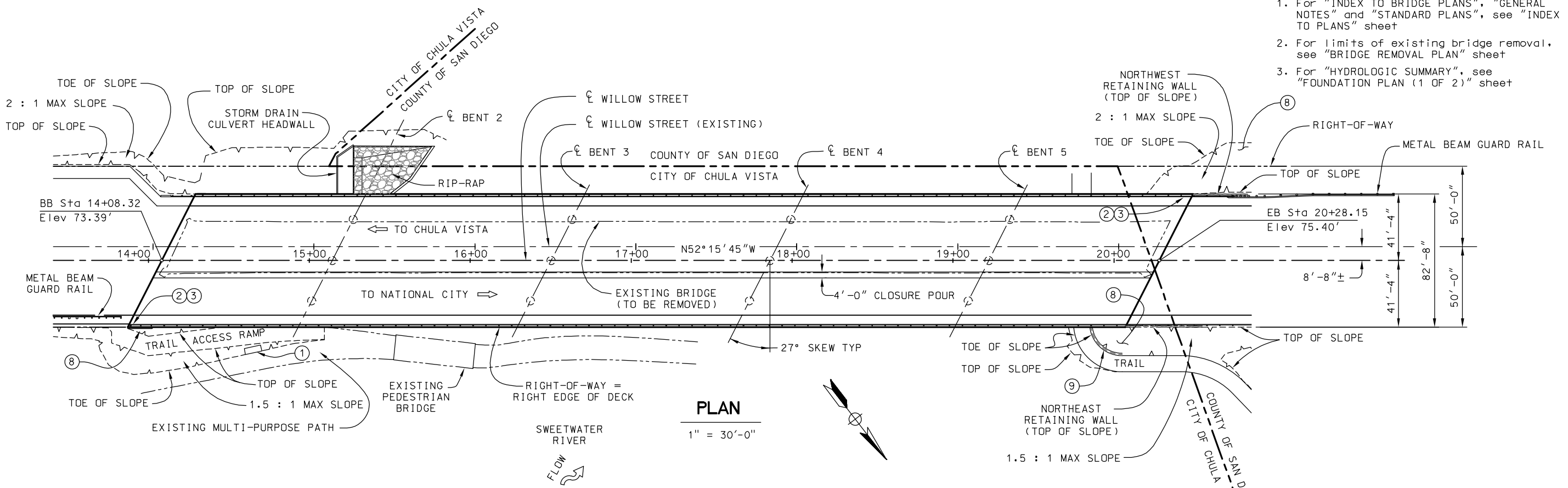
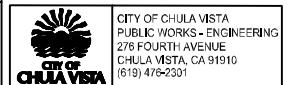


- LEGEND:**
- ① Willow Street Bridge Monument - see "REVEGETATION MITIGATION MONUMENT PLAN AND DETAILS" sheet
  - ② Paint "SWEETWATER RIVER BRIDGE (WILLOW ST.)"
  - ③ Paint "BRIDGE NO. 57C0855" and the year constructed
  - ④ Paint "BENT 2"
  - ⑤ Paint "BENT 3"
  - ⑥ Paint "BENT 4"
  - ⑦ Paint "BENT 5"
  - ⑧ Rip-Rap Embankment Protection - see "ROCK SLOPE PROTECTION PLAN"
  - ⑨ Sheet Pile Embankment Protection - see "SHEET PILE WALL PLAN"
- ← - Indicates direction of traffic  
 - Indicates direction of flow

- NOTES:**
1. For "INDEX TO BRIDGE PLANS", "GENERAL NOTES" and "STANDARD PLANS", see "INDEX TO PLANS" sheet
  2. For limits of existing bridge removal, see "BRIDGE REMOVAL PLAN" sheet
  3. For "HYDROLOGIC SUMMARY", see "FOUNDATION PLAN (1 OF 2)" sheet



AS-BUILT		UTILITY NOTE	
SIGNATURE _____	DATE _____	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.	
Printed Name _____	P.E. No. _____		
My Registration Expires _____	Discipline _____		
CONSTRUCTION RECORD	REFERENCES	By	REVISIONS
CONTRACTOR: _____	DWG. #'S 64-101L, 68-23L, 68-32L, 69-18L, 69-158D, 73-141D, 76-208D, 78-140D THRU 141D, RS 1299-2 AND SURVEY NOTES		
INSPECTOR: _____			
DATE COMPLETED: _____			



CITY OF CHULA VISTA  
 PUBLIC WORKS - ENGINEERING  
 276 FOURTH AVENUE  
 CHULA VISTA, CA 91910  
 (619) 476-2301

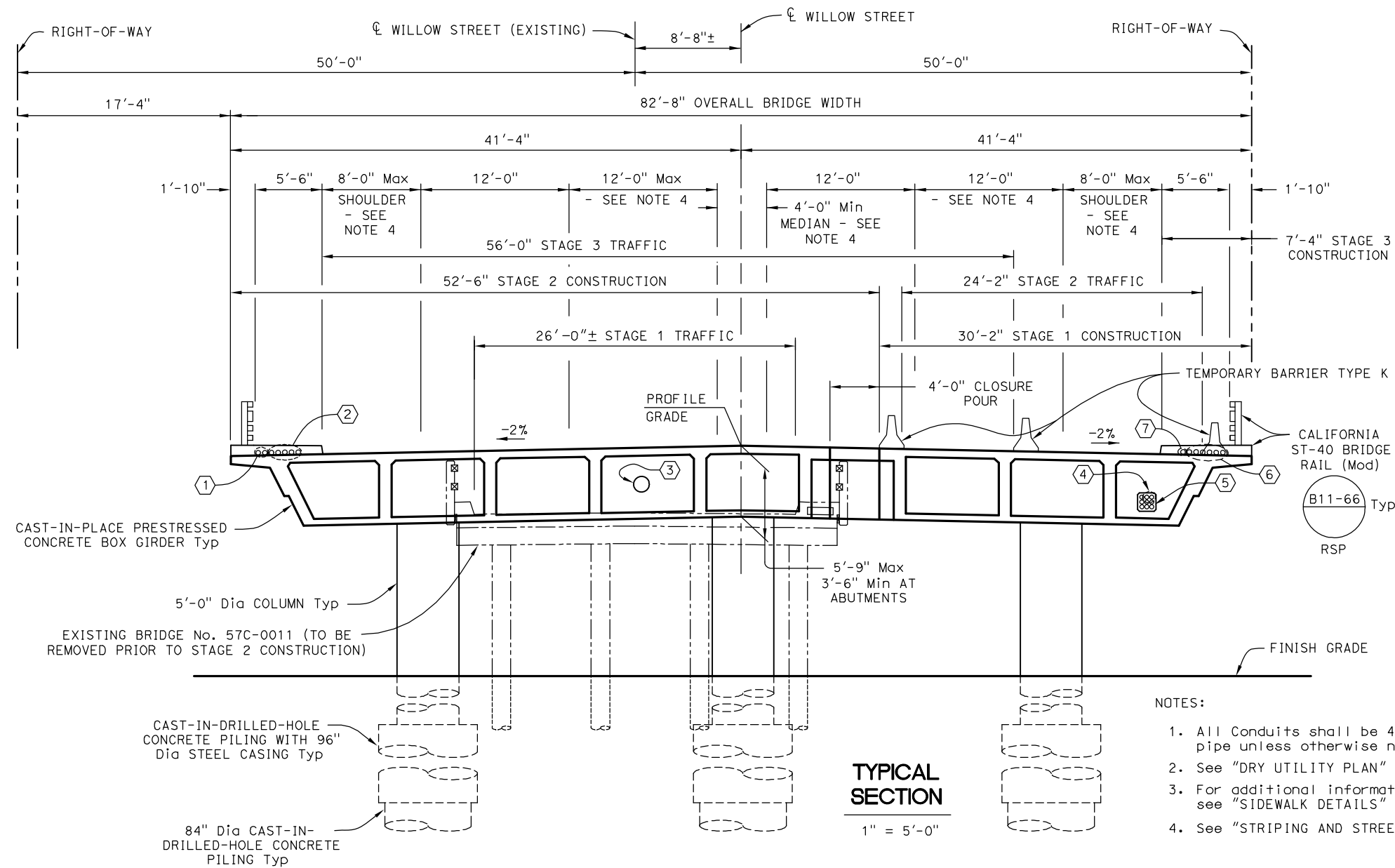


550 West C Street, Suite 1200 San Diego, CA, 92101  
 Tel (619) 831-4600



**NOTE:**  
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: N. YU	DRAWN BY: T. BRITTAIN	CHECKED BY: _____	DATE: 10/12/16	APPROVED BY: _____	DATE: 10/14/16	CITY OF CHULA VISTA PUBLIC WORKS-ENGINEERING BRIDGE GENERAL PLAN (1 OF 2) FOR: <b>WILLOW STREET BRIDGE REPLACEMENT</b> BETWEEN BONITA ROAD AND VALLEY VISTA ROAD	DRAWING NO. <b>12013-60</b> CIP # STL-261
RESPONSIBLE CHARGE OF WORK: James T. Frost	DATE: 10/12/16	R.C.E. No.: 050865	JOSE RAMIREZ, P.E. - PROJECT BRIDGE ENGINEER	JOSU LUIS GOMEZ, P.E., P.L.S. - PRINCIPAL CIVIL ENGINEER			



**BRIDGE QUANTITIES**

BRIDGE REMOVAL F	1 LS
STRUCTURE EXCAVATION (BRIDGE) F	300 CY
STRUCTURE EXCAVATION (RETAINING WALL) F	230 CY
STRUCTURE EXCAVATION (TYPE D) F	595 CY
STRUCTURE BACKFILL (BRIDGE) F	150 CY
STRUCTURE BACKFILL (RETAINING WALL) F	415 CY
42" PERMANENT STEEL CASING (CMP) P	1,104 LF
96" PERMANENT STEEL CASING P	456 LF
30" CAST-IN-DRILLED-HOLE CONCRETE PILING	122 LF
42" CAST-IN-DRILLED-HOLE CONCRETE PILING	1,113 LF
84" CAST-IN-DRILLED-HOLE CONCRETE PILING	465 LF
96" CAST-IN-DRILLED-HOLE CONCRETE PILING	456 LF
PRESTRESSING CAST-IN-PLACE CONCRETE P	1 LS
STRUCTURAL CONCRETE, BRIDGE F	4,000 CY
STRUCTURAL CONCRETE, RETAINING WALL F	56 CY
DRILL AND BOND DOWEL	282 LF
JOINT SEAL ASSEMBLY (MR 4") P	155 LF
BAR REINFORCING STEEL (BRIDGE) P-F	1,685,000 LB
BAR REINFORCING STEEL (RETAINING WALL) P-F	7,600 LB
ISOLATION CASING P-F	1,100 LB
MISCELLANEOUS METAL (BRIDGE) P-F	1,230 LB
CALIFORNIA ST-40 BRIDGE RAIL (Mod) P-F	1,314 LF

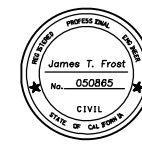
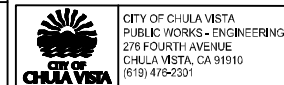
**NOTES:**

1. All Conduits shall be 4" nominal diameter Schedule 40 PVC pipe unless otherwise noted.
2. See "DRY UTILITY PLAN" on "UTILITY DETAILS NO. 1" sheet for more information.
3. For additional information on sidewalk utility conduits, see "SIDEWALK DETAILS" sheet.
4. See "STRIPING AND STREET SIGN PLAN" sheets for more information.

**BRIDGE UTILITIES**

LOCATION	UTILITY	OWNER	UTILITY SIZE	END DIAPHRAGM OPENING SIZE (Width x Height)	BENT CAP OPENING SIZE (Width x Height)	LOCATION OF DETAILS
①	Fiber Optics	Cox Communications	4" Dia Conduits - total 2	—	—	Standard Plan sheets RSP B11-66 and RSP B11-67
②	Reserved for future use	City of Chula Vista	4" Dia Conduits - total 5	—	—	Standard Plan sheets RSP B11-66 and RSP B11-67
③	Gas	SDG&E	6 5/8" Dia Gas Line with 10 3/4" Casing	2'-6" x 1'-6"	15" Dia	See Drawing Nos. 12013-109 through 12013-113
④	Fiber Optics	Cox Communications	4" Dia Conduits - total 2	2'-9" x 1'-2"	1'-6" x 1'-6"	"UTILITY DETAILS NO. 2" sheet
⑤	Telecommunications	AT&T	4" Dia Conduits - total 7	2'-9" x 1'-2"	1'-6" x 1'-6"	"UTILITY DETAILS NO. 2" sheet
⑥	Telecommunications	AT&T	4" Dia Conduits - total 6	—	—	Standard Plan sheets RSP B11-66 and RSP B11-67
⑦	Reserved for City use	City of Chula Vista	4" Dia Conduits - total 1	—	—	Standard Plan sheets RSP B11-66 and RSP B11-67

<b>AS-BUILT</b>		<b>UTILITY NOTE</b>	
SIGNATURE _____	DATE _____	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.	
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**NOTE:**

The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: N. YU	DRAWN BY: T. BRITAIN	CHECKED BY: [Signature]	DATE: 10/12/16	APPROVED BY: [Signature]	DATE: 10/14/16	<b>CITY OF CHULA VISTA PUBLIC WORKS-ENGINEERING</b>	DRAWING NO. <b>12013-61</b>
RESPONSIBLE CHARGE OF WORK: James T. Frost	R.C.E. No.: 050865	JOSE RAMIREZ, P.E. - PROJECT BRIDGE ENGINEER		JOSU LUIS GOMEZ, P.E., P.L.S. - PRINCIPAL CIVIL ENGINEER		<b>WILLOW STREET BRIDGE REPLACEMENT BETWEEN BONITA ROAD AND VALLEY VISTA ROAD</b>	CIP # STL-261