

Utility Undergrounding Program in Chula Vista, California

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2017 Utility Undergrounding District (UUD)

No. 141 F Street, Bay Boulevard to Broadway

No. 142 F Street, Broadway to Fourth Avenue



Background

- Since 1995 - completed 20 utility undergrounding projects in Chula Vista.
- Starting in 1968 – developers were required to install underground electric and communication utilities in new subdivisions.
- In 2007 – total of 164.63 miles of remaining overhead electrical distribution lines.

2017 20A Conversion Report

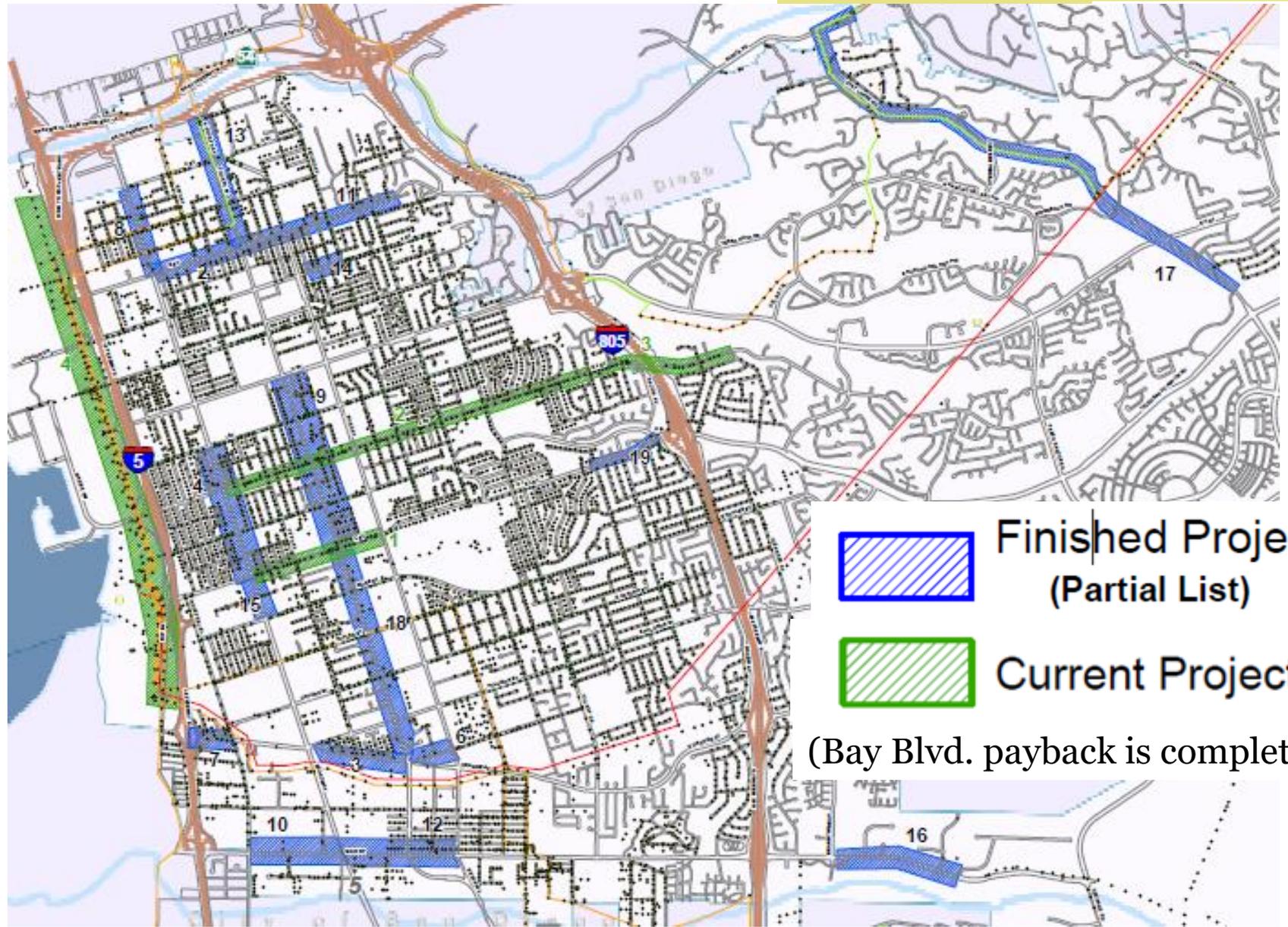
- Every year, SDG&E notifies each municipality of updated allocations for Rule 20A Undergrounding Conversions.
- Per the franchise agreement with SDG&E, the City of Chula Vista is allocated \$2 million each year.
- Municipalities are allowed to advance up to 5 years of 20A fund allocations to complete a project.



CITY OF CHULA VISTA

2017 20A Conversion Report - SUMMARY

ALLOCATION BALANCE as of 12/31/16	\$	135,221
COMPLETED PROJECTS in 2016	\$	-
2016 ADJUSTMENTS to previously completed projects	\$	-
ALLOCATIONS for 2017	\$	2,000,000
ALLOCATION BALANCE as of 3/31/2017	\$	2,135,221



 Finished Projects
(Partial List)

 Current Projects

(Bay Blvd. payback is completed)

Undergrounding Priority List

Utility Poles on Arterials or Collectors

UUD #	Street Name	From	To	ADT	FC	Distributi on Poles	69KV Transmis sion Lines	Length (Feet)
	F Street**	Bay Blvd.	Broadway	8283	DP	✓		2300
	Bay Boulevard	E Street	F Street	11196	C2	✓	✓	1420
135	L Street *	Broadway	Third Avenue	14898	C1	✓		3960
	F Street**	Broadway	Fourth (Fig) Avenue	6229	DP	✓		2650
138	East J Street *	Melrose Avenue	Floyd Avenue	7012	C2,3	✓		3260

RATING POINTS

UUD #	Street Name	ADT	LOCATION (10-w/in 0.25mi; 5-w/in 1mi.)	RELATIONSHIPS TO UD'S	CONCENTRATION OVERHEAD LINES	ASSOC. WITH PW CONS.	ROW & ROAD IMP	25<PCI<50 (y/n)	TOTAL POINTS
	F Street**	10	10	10	5	15	10	n	60
	Bay Boulevard	20	10	5	15	0	10	n	60
135	L Street *	20	5	10	5	0	20	n	60
	F Street**	10	5	10	5	15	10	n	55
138	East J Street *	10	5	5	5	0	20	y	55

F Street Utility Undergrounding Cost Estimate (SDG&E, 6/1/17)

- F Street, Bay Boulevard to Broadway - \$2.9 million to \$3.2 million. Assumes directional boring under I-5 would be required.
- F Street, Broadway to Fourth Avenue - \$1.5 million to \$1.7 million
- Cost estimates include private property service trench and meter panel modifications for affected property owners. Cost will be funded from 20A funds.

Preliminary Estimates

Location	Cross Streets	Length	Cost Estimate	Notes
F Street	Bay Boulevard to Broadway	2300 LF	\$3,200,000	
F Street	Broadway to Fourth Avenue	2650 LF	\$1,700,000	
Bay Boulevard	E to G Street	Approx. 7920 LF	\$38,800,000	Two transmission lines, one distribution line
L Street	Broadway to Third Avenue	3960 LF	\$4,685,134	District formed.
J Street	Broadway to Hilltop Drive	8000 LF	\$9,522,417	District formed.
East J Street	Hilltop Drive to Lori Lane	7410 LF	\$7,112,631	District formed.

UUD Establishment Data

UUD No.	Date Established	Resolution No.	Street	Limits	Initial Cost	Completed Cost	Voltage	Length (LF)
Completed Projects								
121	5/11/1993	R 17110	F Street	Church Ave to Second Ave	\$ 420,000	\$ 631,630	12 KV	700 LF
122	4/28/1992	R 16605	Fourth Avenue	SR54 to E St	\$ 2,400,000	\$ 2,294,182	69 KV	3800 LF
123	10/27/1992	R 16846	E Street	Broadway to Fourth Ave	\$ 2,000,000	\$ 949,765	12 KV	2640 LF
123	10/27/1992	R 16846	E Street	Fourth Ave to Toyon Ln	Included in above	\$ 1,519,480	12 KV	4700 LF
126	1/9/1996	R 18177	Main Street	Industrial Blvd to Third Ave	\$ 1,450,000	\$ 1,437,578	12 KV	5800 LF
127	12/17/1996	R 18530	Palomar Street	Interstate 5 to Industrial Blvd	\$ 126,150	\$ 632,856	12 KV	1000 LF
128	1/28/2000	R 2000-020	Broadway	C St to E St	\$ 126,000	\$ 1,857,836	12 KV	2640 LF
129	10/22/1996	R 18467	Otay Lakes Rd.	Ridgeback Rd to Apache Dr	\$ 616,900	\$ 712,114	12 KV	4200 LF
130	1/11/2000	R 2000-018	Orange Ave	Fourth Ave to Palomar St	\$ 440,000	\$ 375,411	12 KV	1350 LF
131	1/25/2000	R 2000-027	Fourth Avenue	H St to L St	\$ 1,000,000	\$ 3,716,979	12 KV	5280 LF
132	12/5/2000	R 2000-447	Bonita Road (east to City limits) and Otay Lakes Road	Phase I: Bonita Rd to Camino del Cerro Grande	\$ 2,730,000	\$ 8,013,153	69 KV	5064 LF
			Otay Lakes Road	Phase II: Camino del Cerro Grande to Ridgeback Rd	\$ 2,100,000	Included in above total	69 KV	7000 LF
133	1/22/2002	R 2001-445	Fourth Avenue	L Street to Orange Ave	\$ 1,150,000	\$ 5,976,421	12 KV	6600 LF
134	12/10/2002	R 2002-509	East L Street	Monserate Ave to Nacion Ave	\$ 400,000	\$ 3,588,864	12 KV	4430 LF
140	10/22/2002	R2002-402	Quintard Street	Third Ave to Orange Ave	\$ 280,000	\$ 333,277	12 KV	1100 LF
**	4/25/2006	R2006-123	Bayfront Phase I	Sweetwater River to L St	\$ 14,000,000	\$ 20,400,000	138 KV	12000 LF
					\$ 29,239,050	\$ 52,439,546		
Proposed Projects								
*135	12/10/2002	R 2002-440	L Street	Broadway to Third Ave	\$ 700,000	N/A	12 KV	3900 LF
*136	2/18/2003	R 2003-066	J Street	Broadway to Hilltop Dr	\$ 1,000,000	N/A	12 KV	4000 LF
*137	2/11/2003	R 2003-011	J Street	Hilltop Dr to west of Lori Lane	\$ 1,600,000	N/A	12 KV	7000 LF
					\$ 3,300,000			
Proposed New Districts								
140	N/A	R 2017-	F Street	Bay Blvd to Broadway	\$ 3,200,000	N/A	12 KV	2300 LF
141	N/A	R2017-	F Street	Broadway to Fourth Ave	\$ 1,700,000	N/A	12 KV	2650 LF
					\$ 4,900,000			
					\$ 37,439,050	\$ 52,439,546		76204 LF

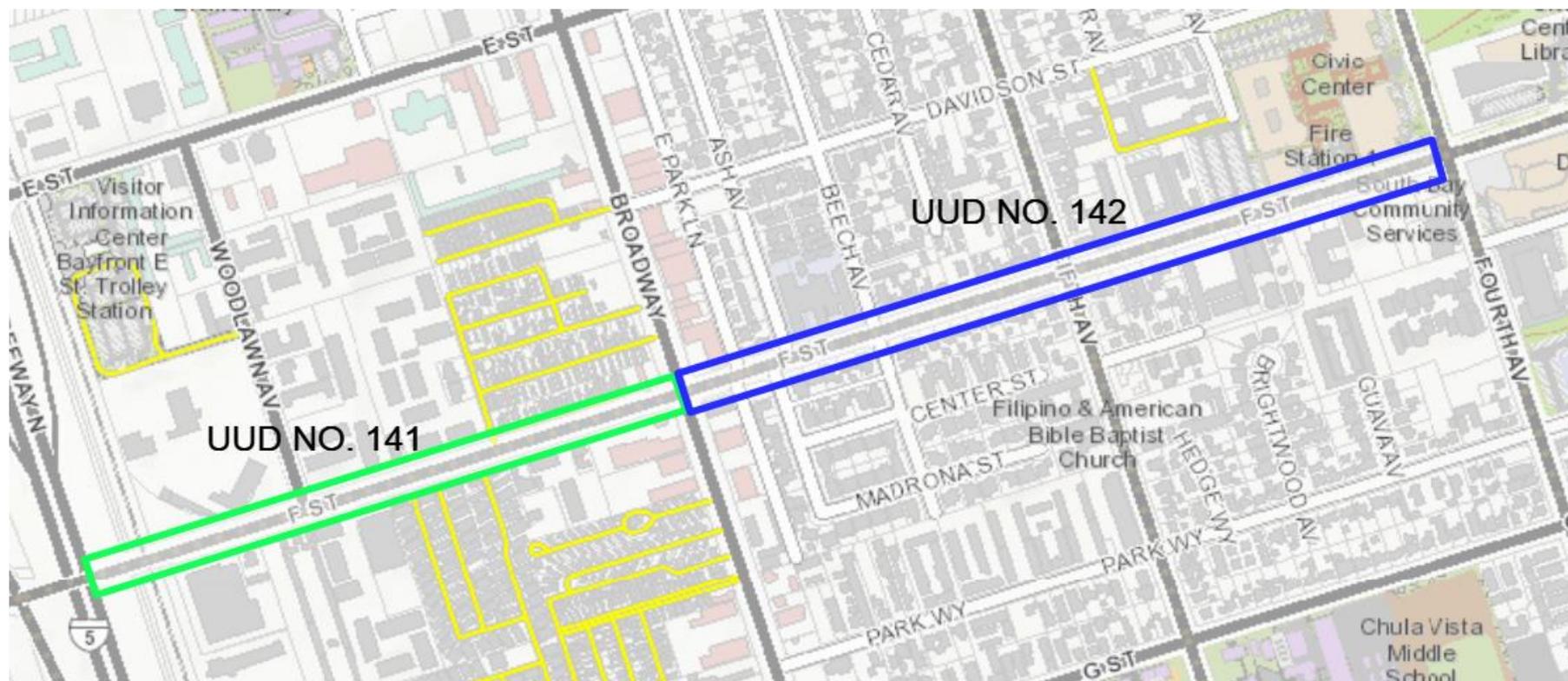
Date E established is the Council date of the Notice of Intent to form an Assessment District

*Design and construction have not yet commenced.

**On the Bayfront, initial cost was for both Phase I and II and from the MOU.

14.433 Miles

Proposed F Street Utility Undergrounding District

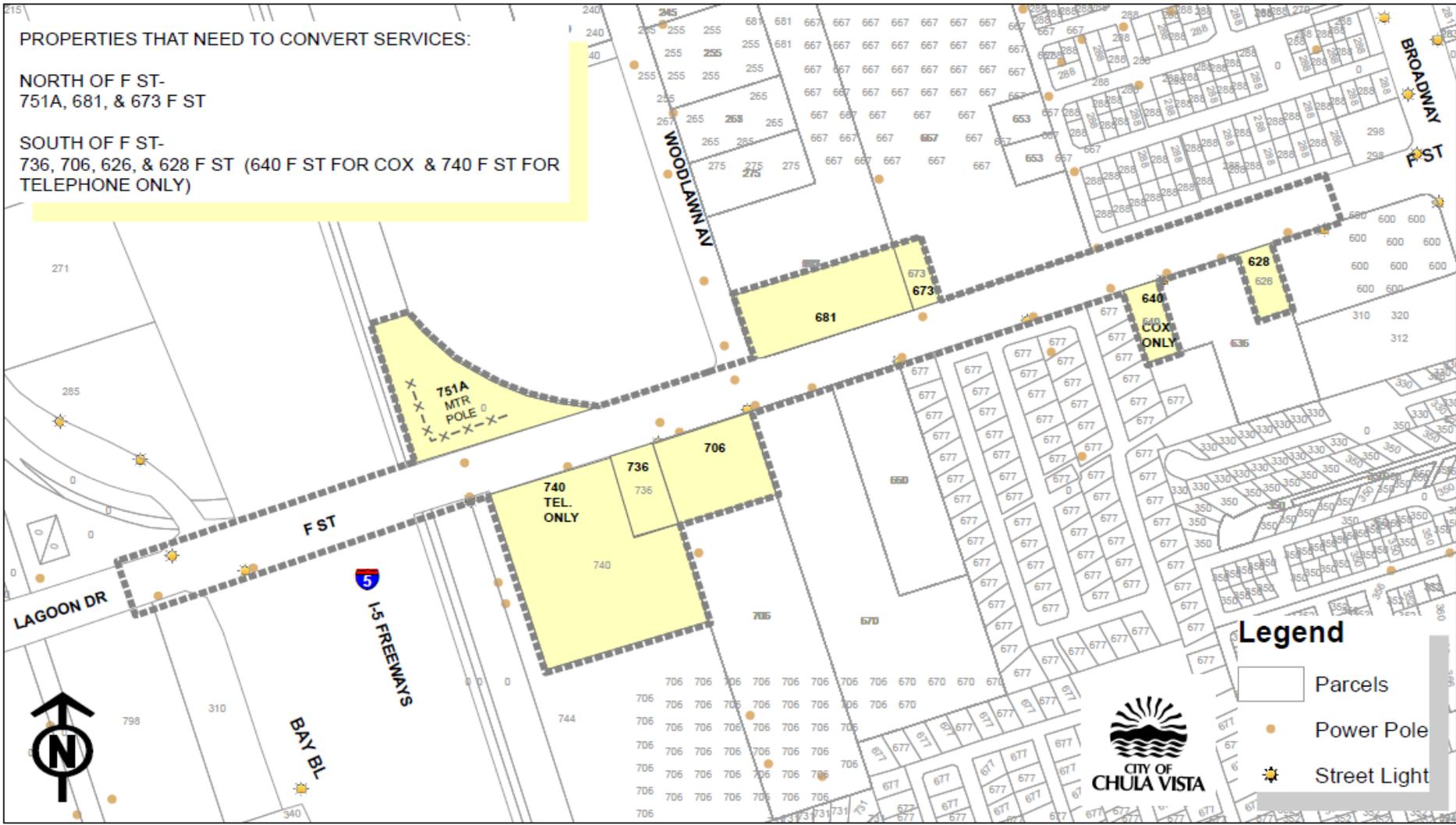


UTILITY UNDERGROUND DISTRICT NO. 141 - F STREET, BAY BL TO BROADWAY

PROPERTIES THAT NEED TO CONVERT SERVICES:

NORTH OF F ST-
751A, 681, & 673 F ST

SOUTH OF F ST-
736, 706, 626, & 628 F ST (640 F ST FOR COX & 740 F ST FOR TELEPHONE ONLY)



Legend

-  Parcels
-  Power Pole
-  Street Light



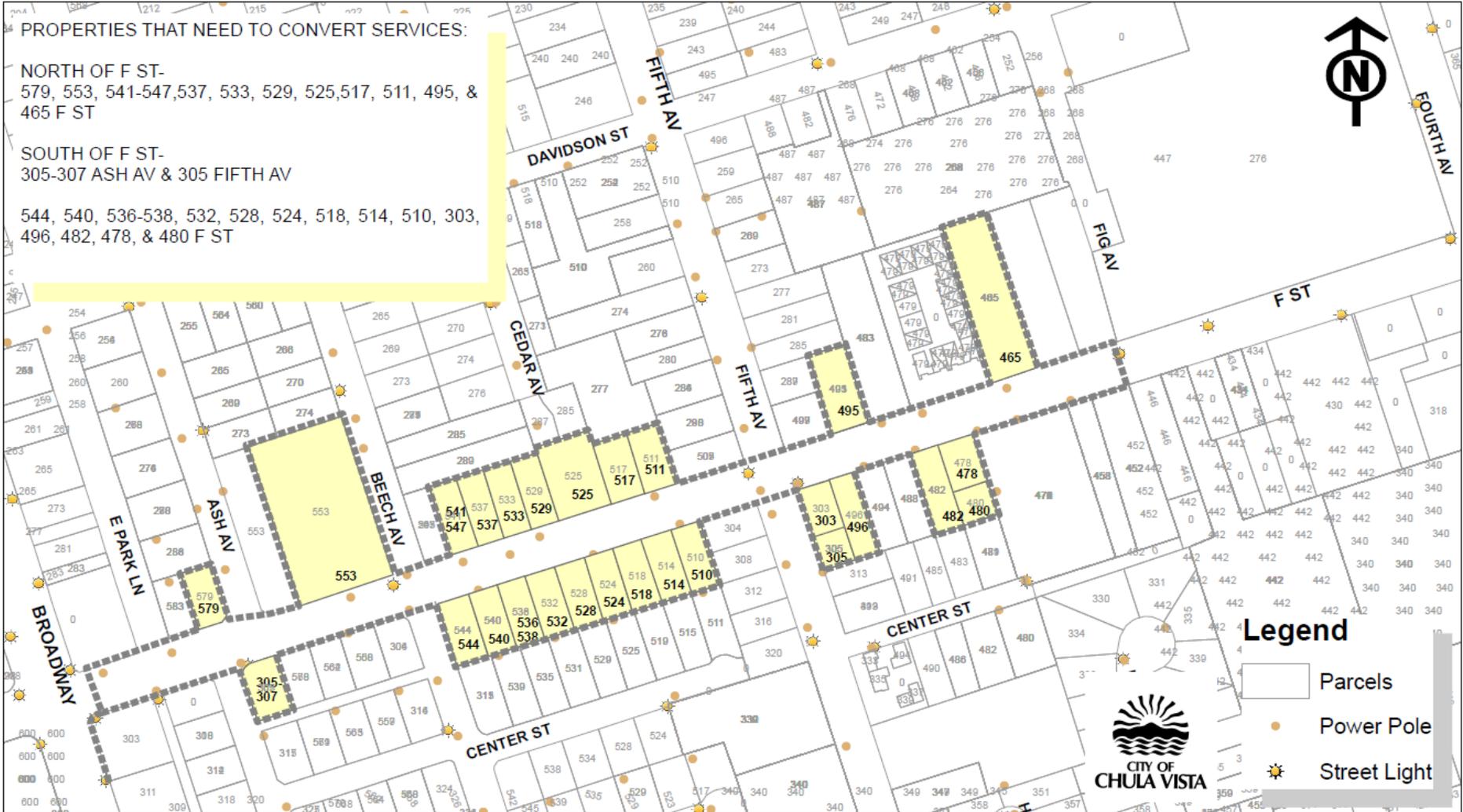
UTILITY UNDERGROUND DISTRICT NO. 142 - F STREET, BROADWAY TO FOURTH AV

PROPERTIES THAT NEED TO CONVERT SERVICES:

NORTH OF F ST-
579, 553, 541-547, 537, 533, 529, 525, 517, 511, 495, & 465 F ST

SOUTH OF F ST-
305-307 ASH AV & 305 FIFTH AV

544, 540, 536-538, 532, 528, 524, 518, 514, 510, 303, 496, 482, 478, & 480 F ST



Legend

-  Parcels
-  Power Pole
-  Street Light



Existing Conditions on F Street



F St / Woodlawn Av



F St looking west at Bay Bl



F St / Fifth Av

F Street at Broadway, looking east



F Street at Broadway - looking west

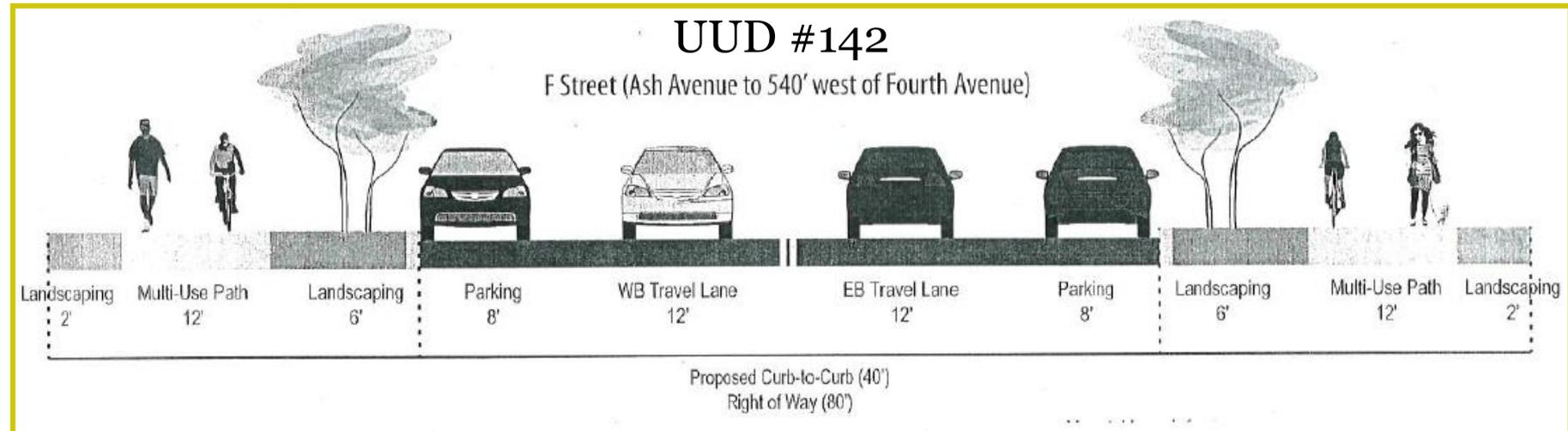
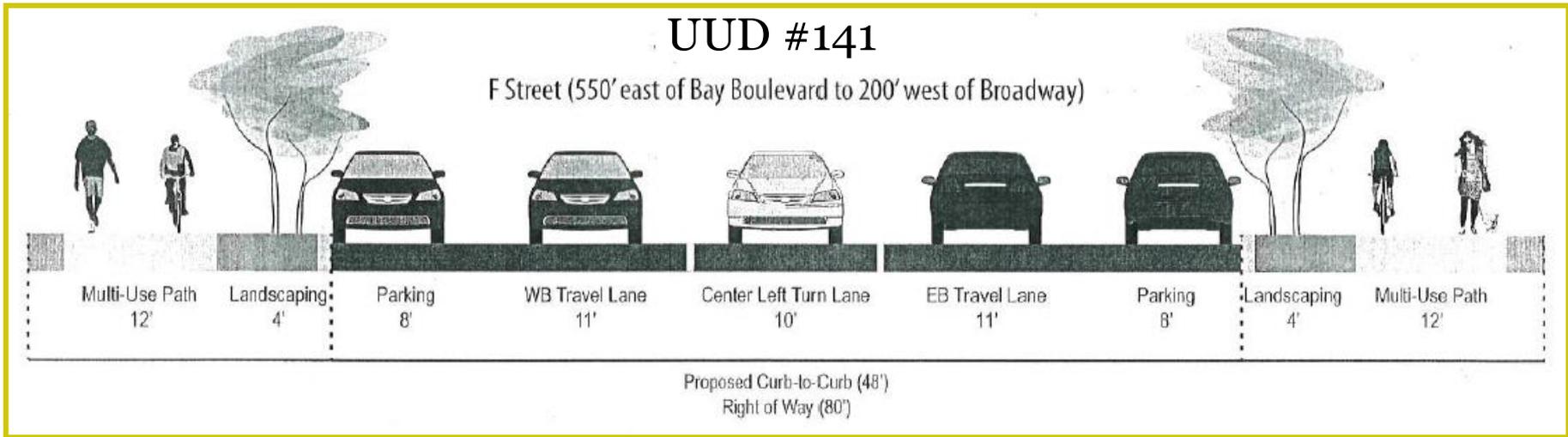


F Street Promenade Master Plan

- Envisions F Street as a gateway to the City, connecting the future Bayfront development to the Civic Center area and downtown Third Avenue.



Draft Streetscape Plan on F Street



Recommendation

- Council accept the report and adopt the resolution of the City Council of the City of Chula Vista declaring the City's intention to form Utility Undergrounding Districts on F Street from Bay Boulevard to Broadway (UUD #141) and on F Street from Broadway to Fourth Avenue (UUD #142) and setting the date of the public hearing for November 21, 2017.

Questions?