

An aerial photograph of a facility, likely a water treatment plant or industrial site. It features two large white circular storage tanks, a rectangular swimming pool, and several buildings. The surrounding area is a mix of dry, brownish terrain and some greenery. A road or path runs through the center of the facility. In the top left corner, there is a blue rectangular box with a yellow arc passing over it. In the bottom left corner, there is a yellow rectangular box with a blue arc passing over it. The title "Baker City Capital Plan" is overlaid in a large, white, serif font with a black outline.

Baker City Capital Plan

2014-2015

Google earth

Current Year Update

**BAKER CITY PUBLIC WORKS
3 YEAR WATER CAPITAL PLAN
ESTIMATE OF COST
2013-2014 FISCAL YEAR - 2nd Half
JANUARY 1, 2014 - JUNE 30, 2014**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Mountain Line Environmental Assessment	1	Lump Sum	\$20,000.00	\$ 20,000.00	N/A	Environmental assessment of the mountain line replacement project as required by Forest Service.
2	Broadway (2nd St. to 9th St.) - Water Valve Replacement	2	Each	\$7,500.00	\$ 15,000.00	Varies	Replace broken non-functioning water valves.
3	Indiana Ave. from Scenic Vista to Water Treatment Lab and House	350	Lineal Feet	\$20.00	\$ 7,000.00	2" HDPE	Install 2" HDPE waterline from Scenic Vista to water treatment lab and house.
4	Place St. (11th St. to 13th St.)	570	Lineal Feet	\$68.00	\$ 38,760.00	6" DI	Grid Enhancement - Replace sub-standard service line and circulation.
5	'H' St. (East Campbell North)	750	Lineal Feet	\$20.00	\$ 15,000.00	2" HDPE	Install 2" HDPE water line to replace failing galvanized supply line.
6	Replace Hydrants	5	Each	\$3,500.00	\$ 17,500.00	Varies	Replace outdated undersized hydrants.
7	Water Line Extensions	Varies	Lineal Feet	Varies	\$ 10,000.00	Varies	Misc. water line extensions.
8	Post Office Square	1	Each	\$1,186.50	\$ 1,186.50	1"	Install irrigation meter.
9	Leo Adler Ball Field	1	Each	\$1,500.00	\$ 1,500.00	2"	Install irrigation meter (downsize from 4" to 2" contingent on sprinkler system demand).
10	Sam-O-Swim Center	1	Each	\$7,387.00	\$ 7,387.00	4"	Install meter and vault.
11	Reservoir UV Treatment Plant	N/A	Lump Sum	\$1,600,000.00	\$ 1,600,000.00	N/A	Final design and bidding.
SUBTOTAL					\$ 1,733,333.50		
ENGINEERING					\$ 173,333.35		
ADMINISTRATIVE CHARGE					\$ 64,973.35		
TOTAL ESTIMATED COST					\$ 1,971,640.20		

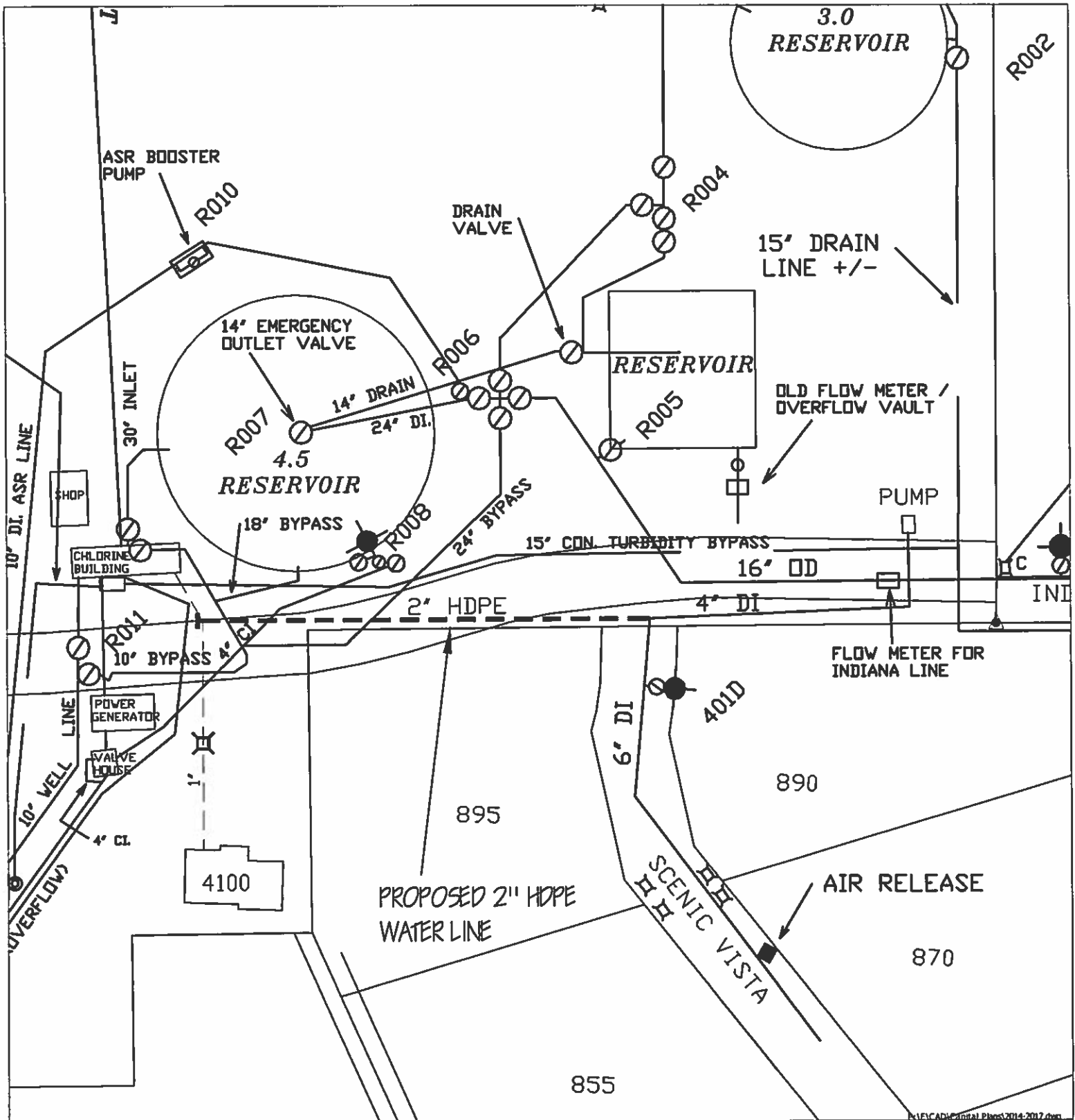
Items noted in blue lettering are projects required by state or federal regulatory agencies.

2013-2014

CURRENT YEAR

ITEM NO. 3

2" HDPE WATER LINE FOR RESERVOIR CARETAKER HOUSE /
LAB

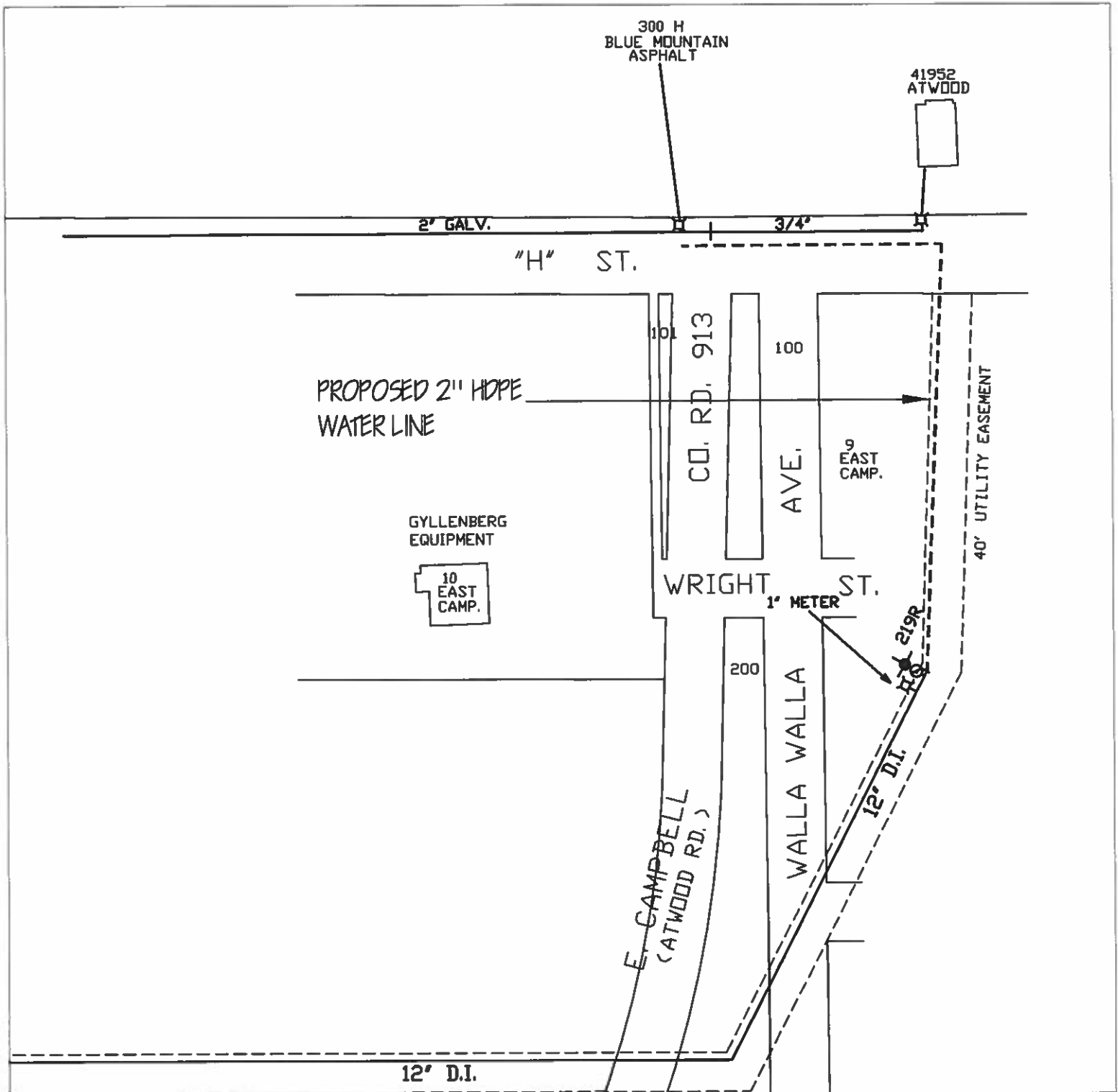


6" WATER MAIN





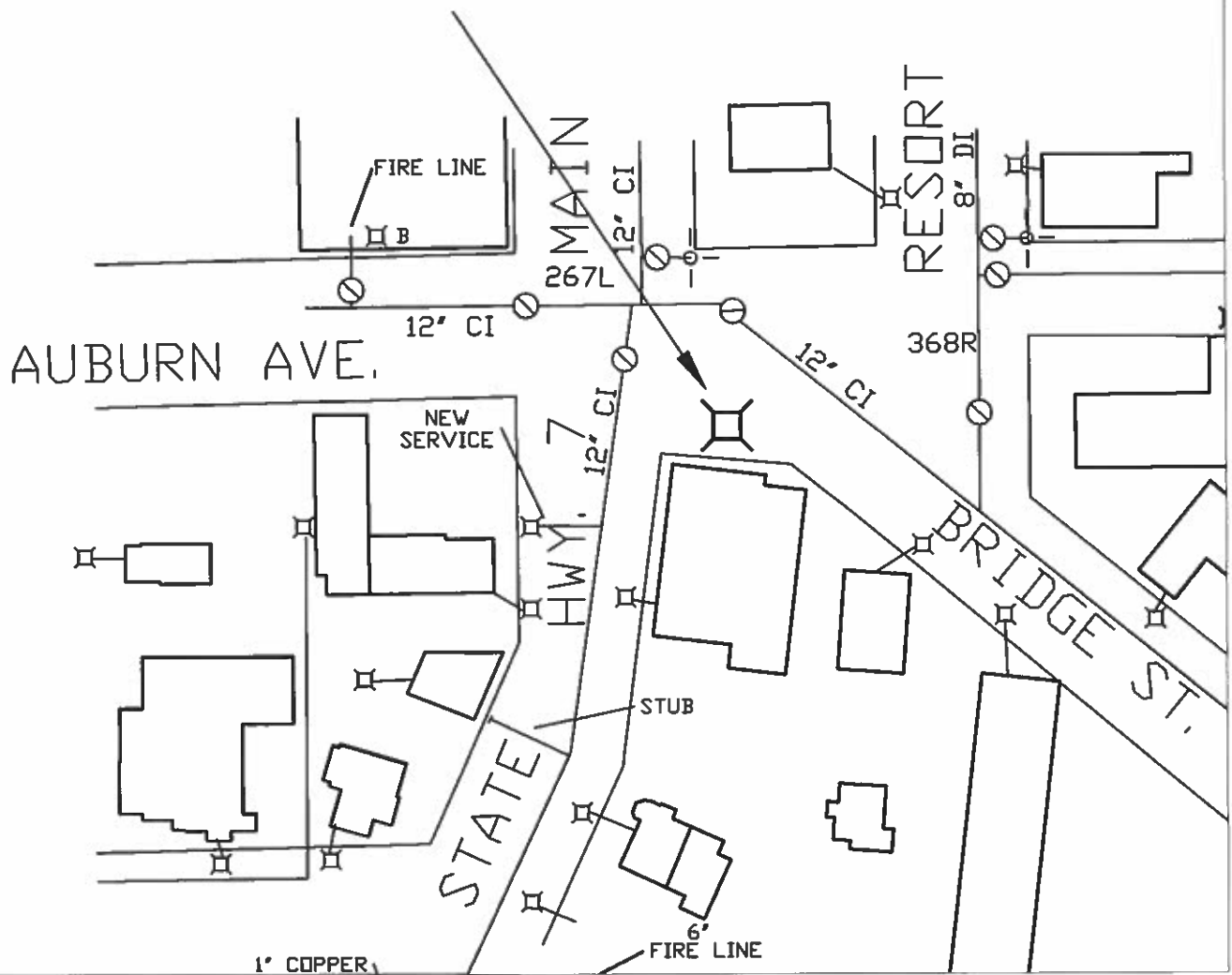
2013-2014
CURRENT YEAR
ITEM NO. 5
'H' ST. - EAST CAMPBELL
2" HDPE WATER LINE



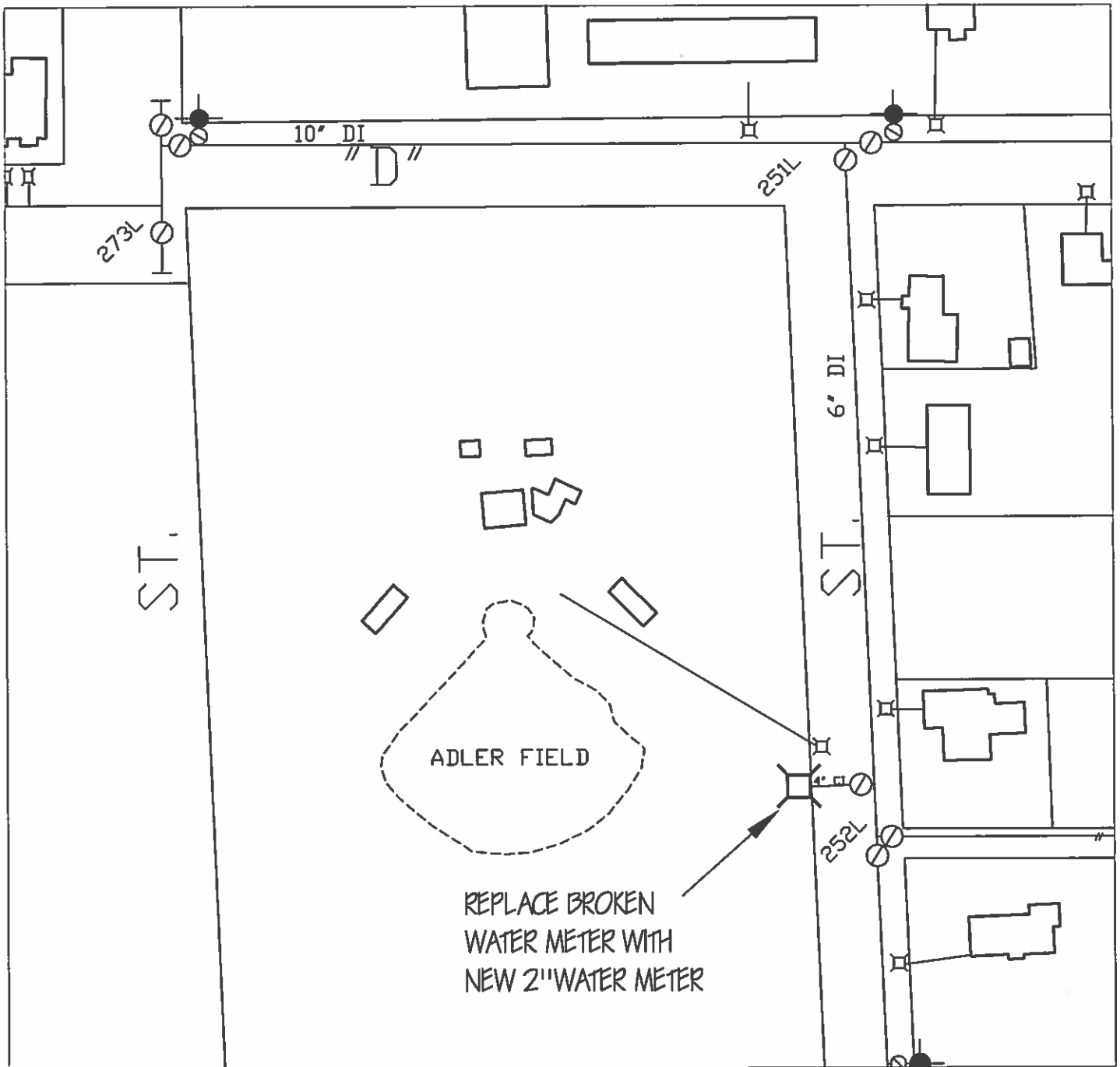


2013-2014
CURRENT YEAR
ITEM NO. 8
POST OFFICE SQUARE
1" WATER METER

PROPOSED 1" IRRIGATION
WATER METER

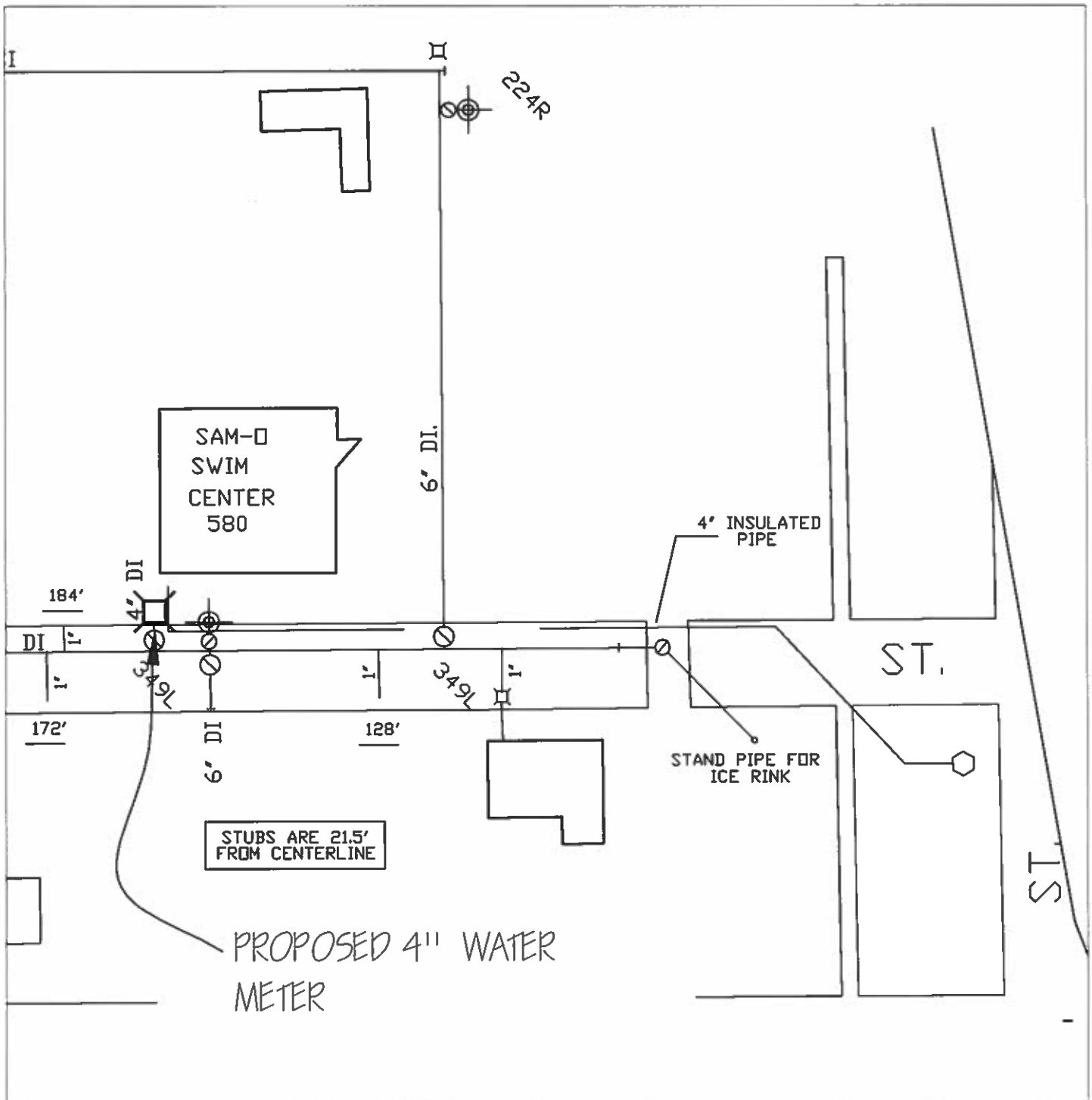


2013-2014
CURRENT YEAR
ITEM NO. 9
LEO ADLER FIELD
2" IRRIGATION METER





2013-2014
CURRENT YEAR
ITEM NO. 10
SAM-O SWIM
4" WATER METER



Year 1

**BAKER CITY PUBLIC WORKS
3 YEAR WATER CAPITAL PLAN
ESTIMATE OF COST
2014-2015 FISCAL YEAR
JULY 1, 2014 - JUNE 30, 2015**

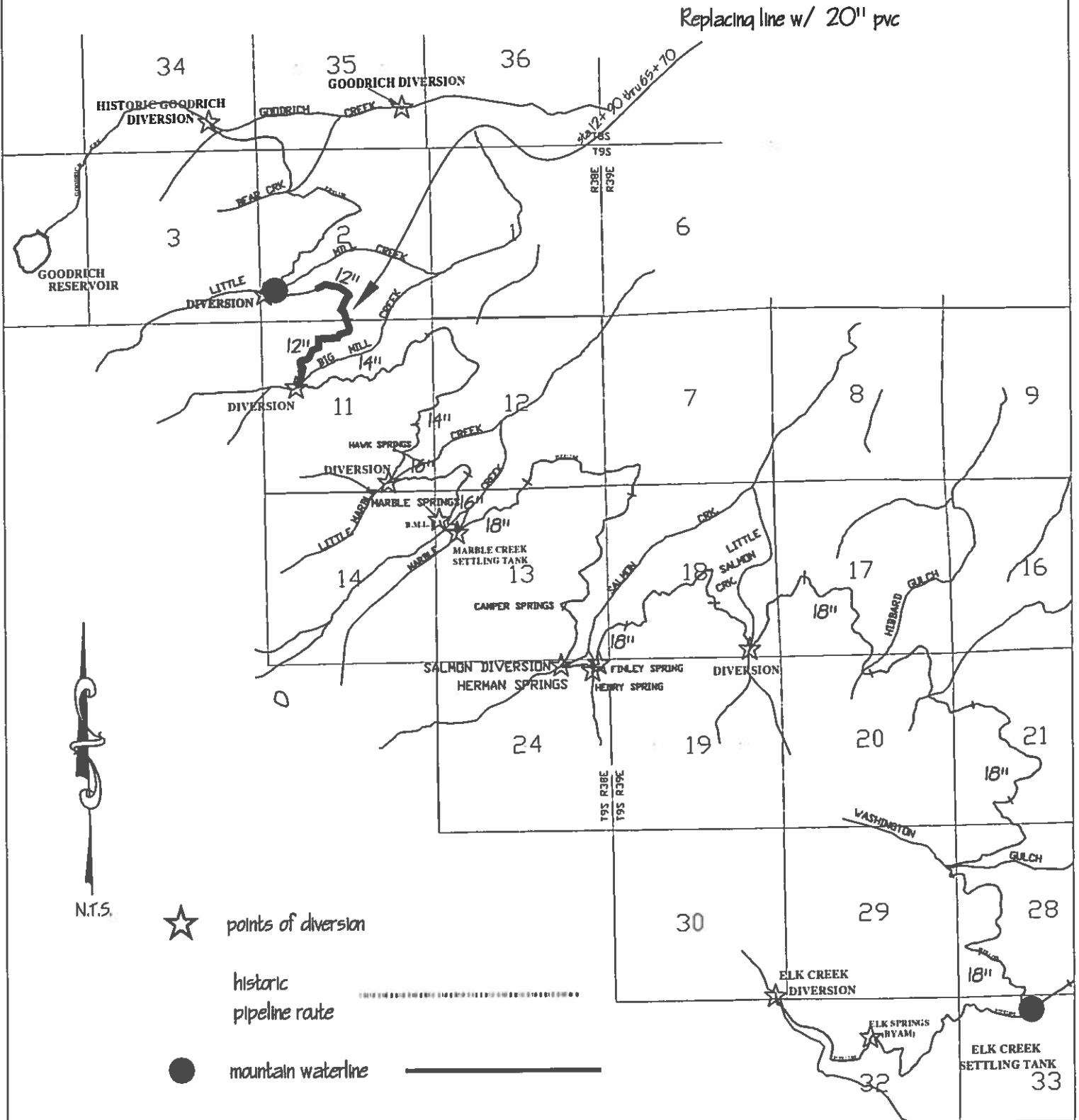
ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Mountain Line Replacement Sta. 12+90 to Sta. 65+70	1500	Lineal Feet	\$35.00	\$ 52,500.00	20" PVC	Begin construction of 20" dia. PVC pipe. Materials bought in spring 2009 (labor and equipment only).
2	Mountain Line Environmental Assessment	1	Lump Sum	\$25,000.00	\$ 25,000.00	N/A	Environmental assessment of the mountain line replacement project as required by Forest Service.
3	Replace Hydrants	3	Each	\$3,500.00	\$ 10,500.00	Varies	Replace hydrants as needed.
4	Reservoir Hoist	1	Lump Sum	\$17,100.00	\$ 17,100.00	N/A	Replace hoist assembly for generator and pelton wheel removal.
5	Water Line Extensions	Varies	Lineal Feet	Varies	\$ 5,000.00	Varies	Misc. water line extensions.
6	Broadway (2nd St. to 9th St.) - Water Valve Replacement	1	Each	\$7,500.00	\$ 7,500.00	Varies	Replace broken non-functioning water valves.
7	Water Facility Plan	N/A	Lump Sum	\$40,000.00	\$ 40,000.00	N/A	Update water facility plan as required.
8	Reservoir UV Treatment Plant	N/A	Lump Sum	\$100,000.00	\$ 100,000.00	N/A	Construction Management and engineering services.
9	Reservoir UV Treatment Plant	N/A	Lump Sum	\$2,250,000.00	\$ 2,250,000.00	12 MGD	Materials and construction of UV plant, including equipment and delivery, to be completed in fall of 2014.
SUBTOTAL					\$ 2,507,600.00		
ENGINEERING					\$ 250,760.00		
ADMINISTRATIVE CHARGE					\$ 76,555.20		
TOTAL ESTIMATED COST					\$ 2,834,915.20		

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The current water rate structure does not provide adequate funding for all required projects.
Alternate funding will be required to meet these federally mandated regulations.

Fiscal YEAR I : 2014 - 2015

ITEM NO. 1

● OLD MOUNTAIN LINE REPLACEMENT



Year 2

**BAKER CITY PUBLIC WORKS
3 YEAR WATER CAPITAL PLAN
ESTIMATE OF COST
2015-2016 FISCAL YEAR
JULY 1, 2015 - JUNE 30, 2016**

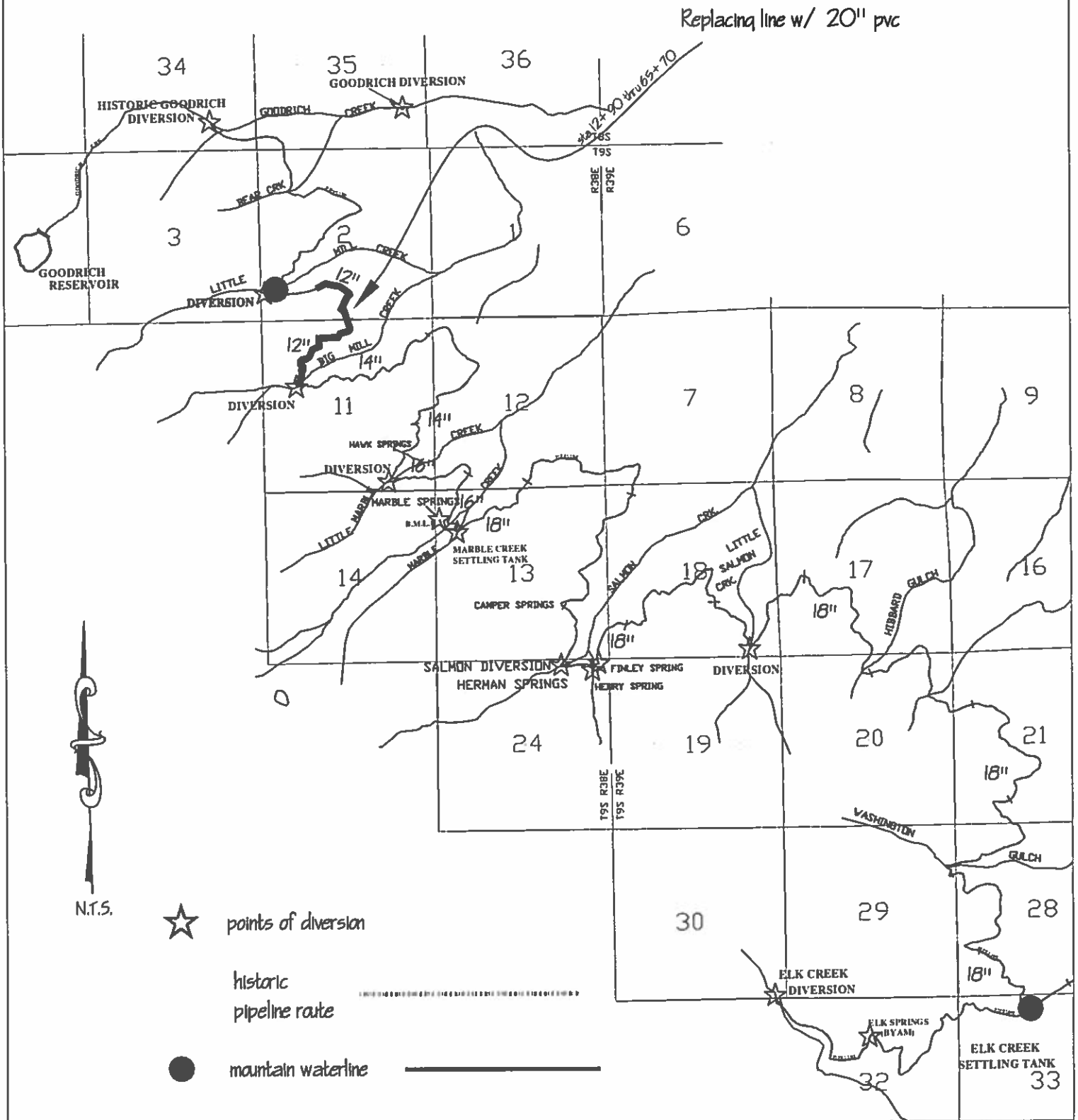
ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Mountain Line Replacement Sta. 12+90 to Sta. 65+70	3780	Lineal Feet	\$35.00	\$ 132,300.00	20" PVC	Construct 20" dia. PVC pipe. Materials bought in spring of 2009 (labor and equipment only).
2	Little Mill Diversion	N/A	Lump Sum	\$24,000.00	\$ 24,000.00	12" DI	Replace intake screen and sub- standard line between Little Mill Diversion and the Auburn Pipeline.
3	Replace Hydrants	3	Each	\$3,500.00	\$ 10,500.00	Varies	Replace hydrants as needed.
4	Water Line Extensions	Varies	Lineal Feet	Varies	\$ 10,000.00	Varies	Misc. water line extensions.
5	Acoustic Survey	1	Lump Sum	\$11,000.00	\$ 11,000.00	Varies	Acoustic technology used to determine the areas and severity of corrosion or electrolysis.
6	Washington - Main St. Meter	1	Each	\$11,350.00	\$ 11,350.00	3"	Repair main line / service connection and install 3" water service and meter.
7	Court St. (19th to Paul Hill Well)	1560	Lump Sum	\$200,000.00	\$ 200,000.00	8" DI	Install 8" DI. Main line connecting to well. This also includes well house and any well improvements necessary.
8	Broadway (2nd St. to 9th St.) - Water Valve Replacement	2	Each	\$7,500.00	\$ 15,000.00	Varies	Replace broken non-functioning water valves.
9	Cedar Acres Park	1	Each	\$4,000.00	\$ 4,000.00	2"	Install irrigation meter and vault.
10	Water Facility Plan	N/A	Lump Sum	\$40,000.00	\$ 40,000.00	N/A	Update water facility plan as required.
SUBTOTAL					\$ 458,150.00		
ENGINEERING					\$45,815.00		
ADMINISTRATIVE CHARGE					\$41,829.10		
TOTAL ESTIMATED COST					\$545,794.10		

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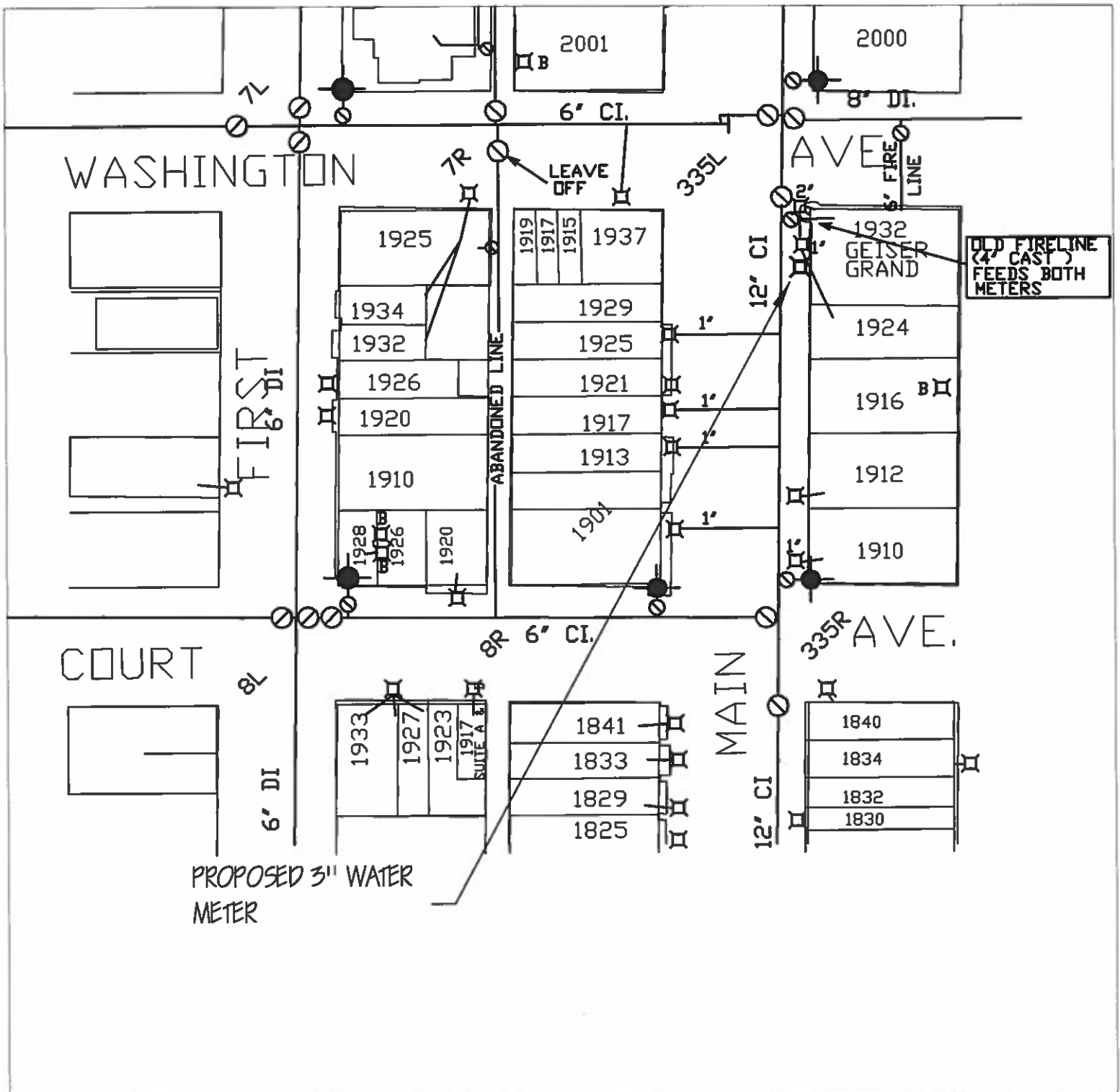
Fiscal YEAR 2 : 2015 - 2016

ITEM NO. 1

● OLD MOUNTAIN LINE REPLACEMENT



2015-2016
FISCAL YEAR 2
ITEM NO. 6
WASHINGTON / MAIN
3" WATER METER



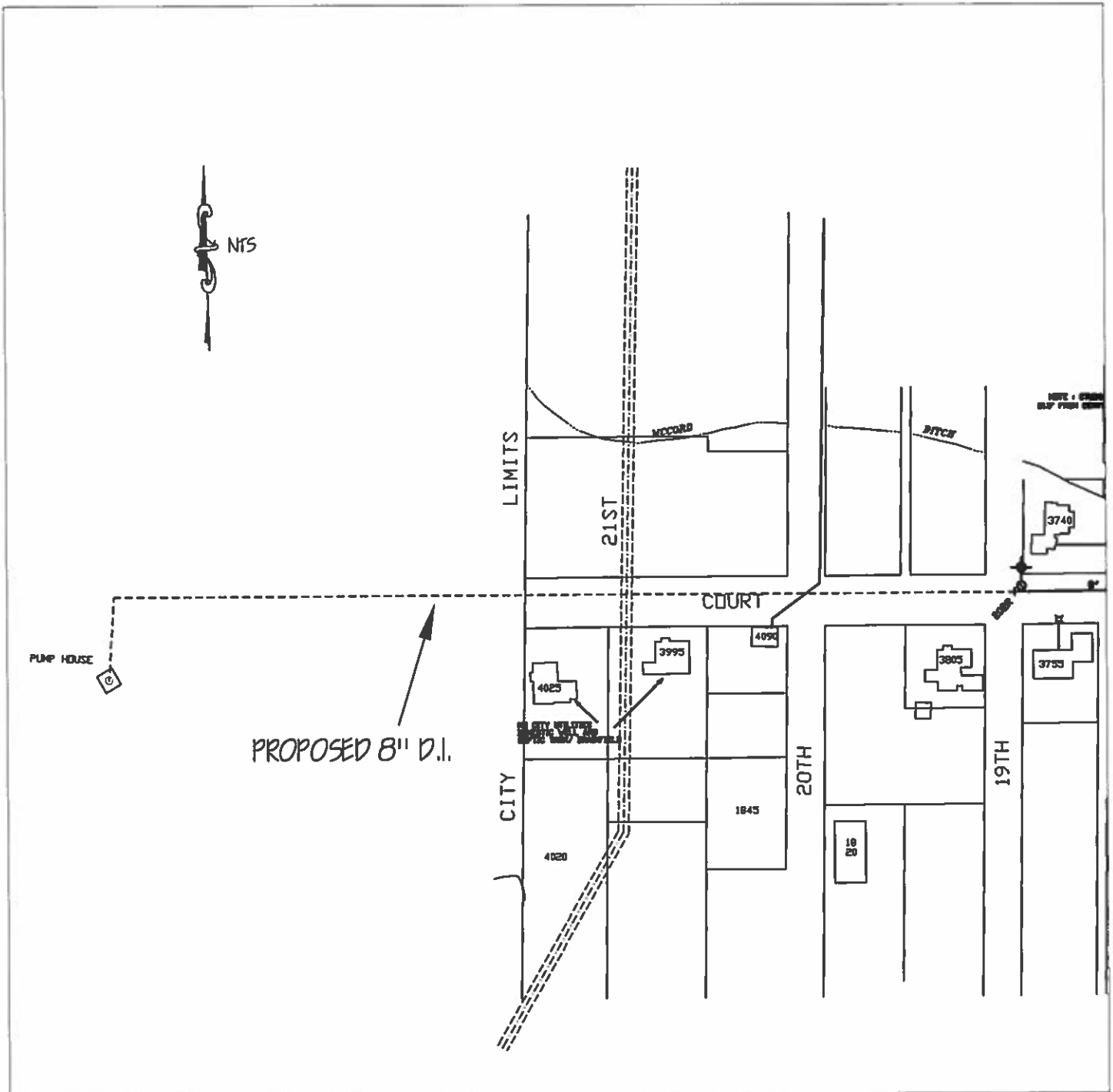
2015-2016

YEAR 2

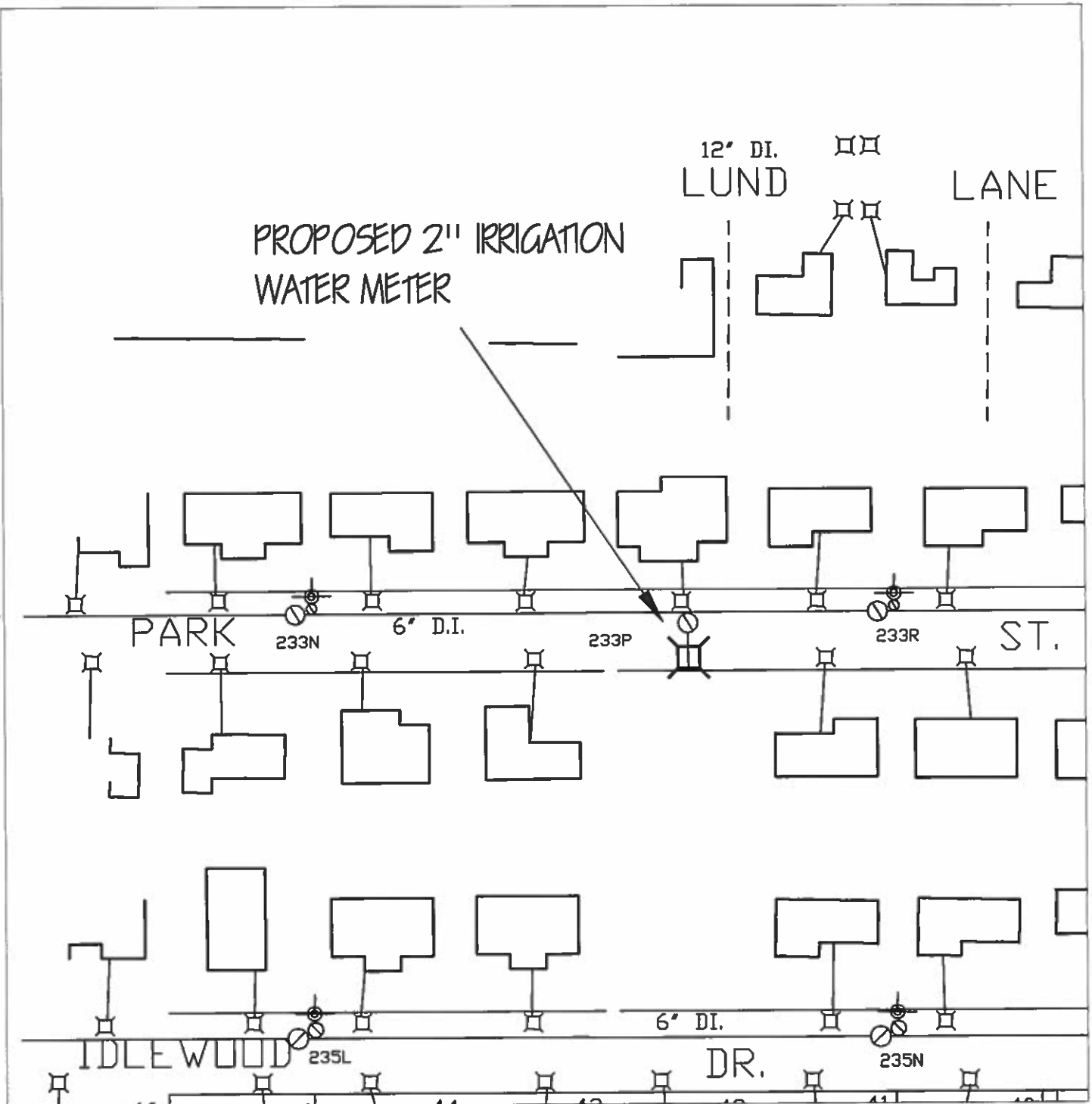
ITEM NO. 7

COURT STREET - 19TH TO WELL SITE

PROPOSED 8" D.I.



2015-2016
YEAR 2
ITEM NO. 9
CEDAR ACRES PARK
2" WATER METER



Year 3

**BAKER CITY PUBLIC WORKS
3 YEAR WATER CAPITAL PLAN
ESTIMATE OF COST
2016-2017 FISCAL YEAR
JULY 1, 2016 - JUNE 30, 2017**

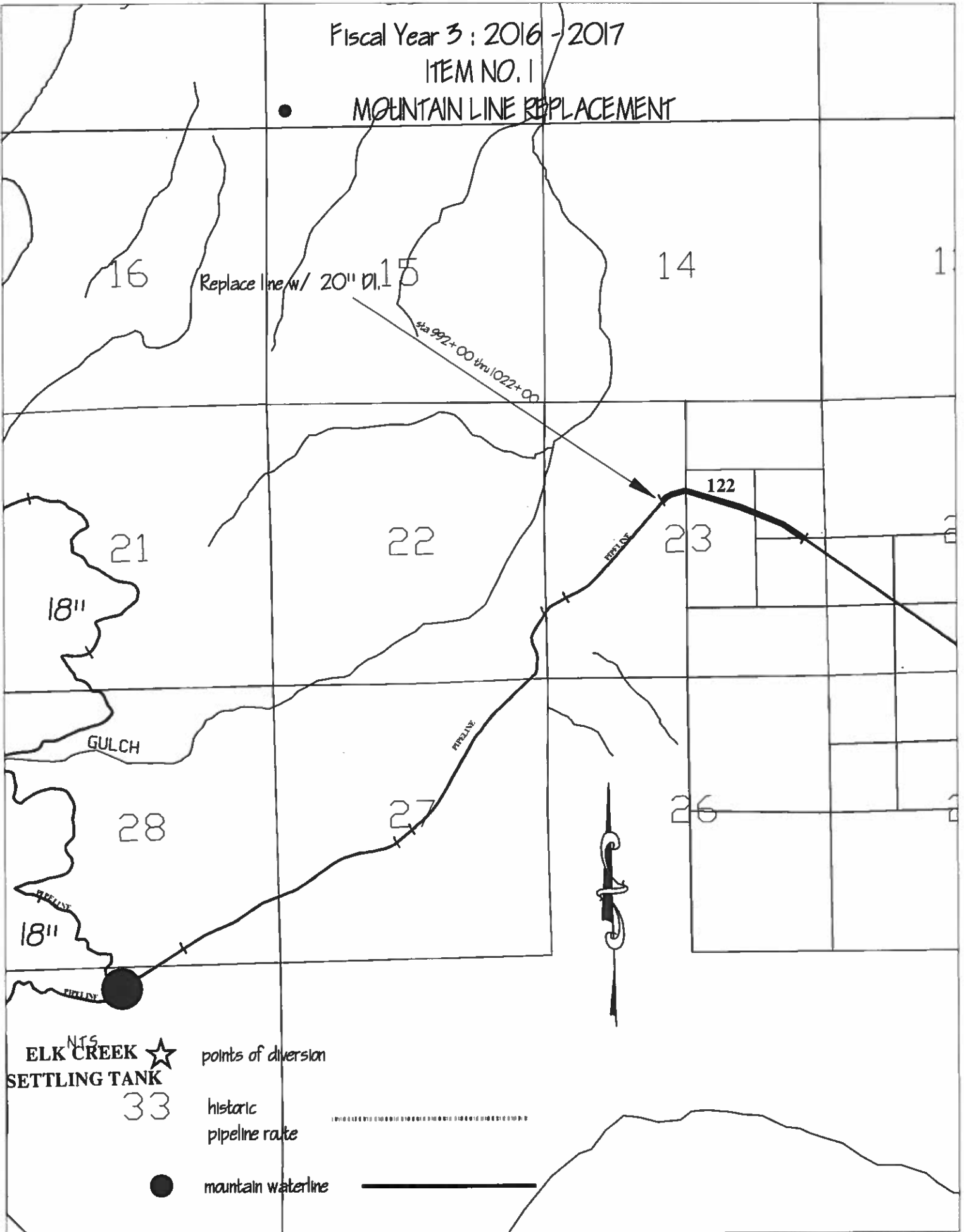
ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Mountain Line Replacement Sta. 992+00 to Sta. 1022+00	3000	Lineal Feet	\$200.00	\$ 600,000.00	20" DI	Purchase and install 20" dia. Pipe (Class 53 DI), fittings and transport to site.
2	Replace Hydrants	3	Each	\$3,500.00	\$ 10,500.00	Varies	Replace hydrants as needed.
3	Water Line Extensions	Varies	Lineal Feet	Varies	\$ 10,000.00	Varies	Misc. water line extensions.
SUBTOTAL					\$ 620,500.00		
ENGINEERING					\$62,050.00		
ADMINISTRATIVE CHARGE					\$56,651.65		
TOTAL ESTIMATED COST					\$739,201.65		

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Alternate funding will be required to meet these federally mandated regulations.

Fiscal Year 3 : 2016 - 2017

ITEM NO. 1

MOUNTAIN LINE REPLACEMENT



Current Year Update

**BAKER CITY PUBLIC WORKS
WASTE WATER CAPITAL PLAN
ESTIMATE OF COST
2013-2014 FISCAL YEAR - 2nd Half
JANUARY 1, 2014 - JUNE 30, 2014**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Place Street from Balm Street West 140'	1	Lump Sum	\$14,000.00	\$ 14,000.00	8" PVC	Replace sub-standard 6" concrete mainline with 8" PVC and rebuild manhole.
2	Best Road - E. Campbell Street to 1200' North of H Street	Varies	Lump Sum	\$17,600.00	\$ 17,600.00	Varies	Install lateral crossings in preparation of Best Road construction.
3	Engineering Support and Water Quality Testing	N/A	Lump Sum	\$10,000.00	\$ 10,000.00	N/A	Engineering support and water quality testing for effluent disposal options.
SUBTOTAL					\$ 41,600.00		
ENGINEERING					\$4,160.00		
ADMINISTRATIVE CHARGE					\$3,798.08		
TOTAL ESTIMATED COST					\$49,558.08		

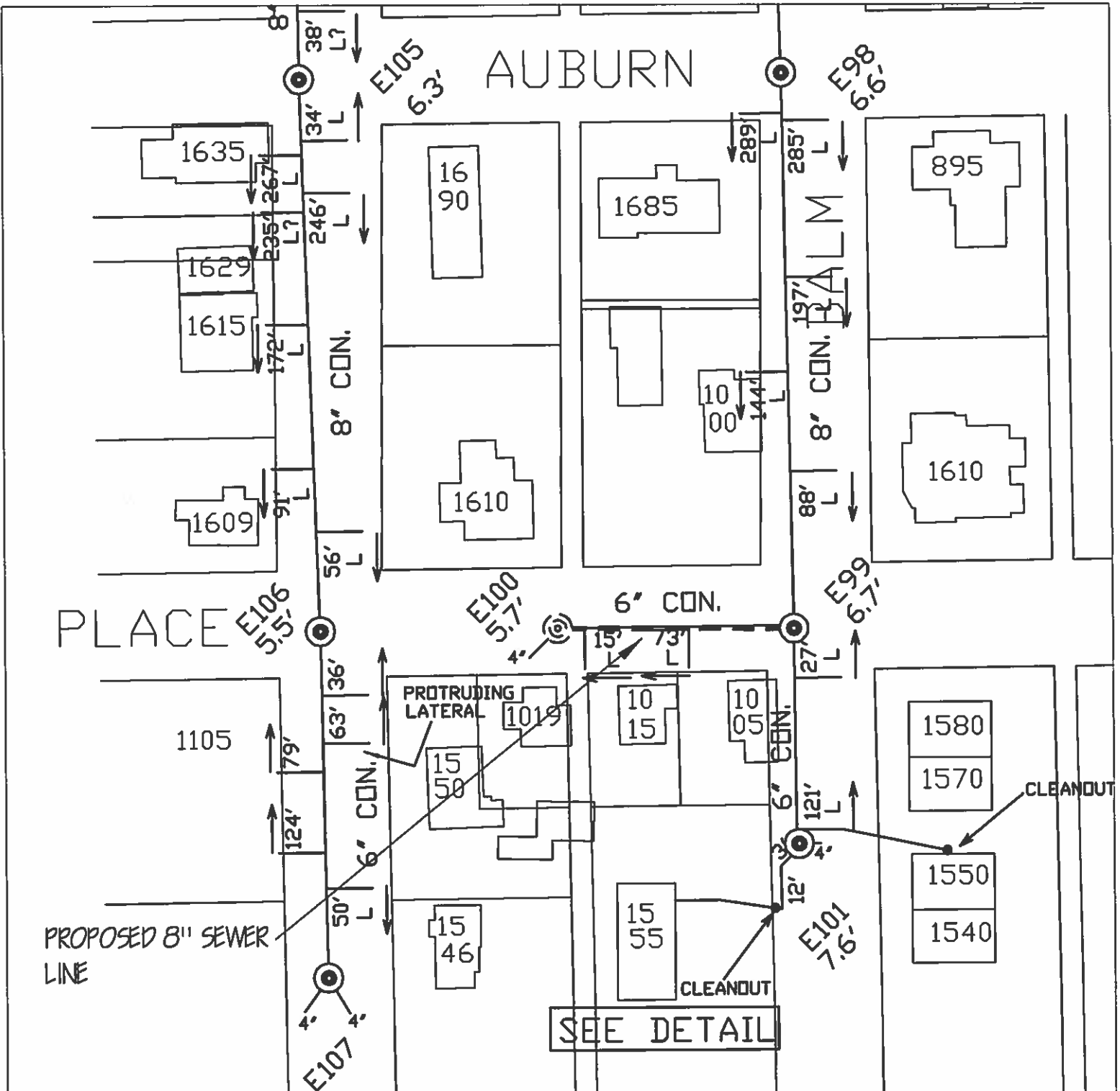
Year 2013-2014

CURRENT YEAR

ITEM NO. 1

PLACE STREET - BALM ST. TO MID BLOCK

PROPOSED 8" SEWER LINE

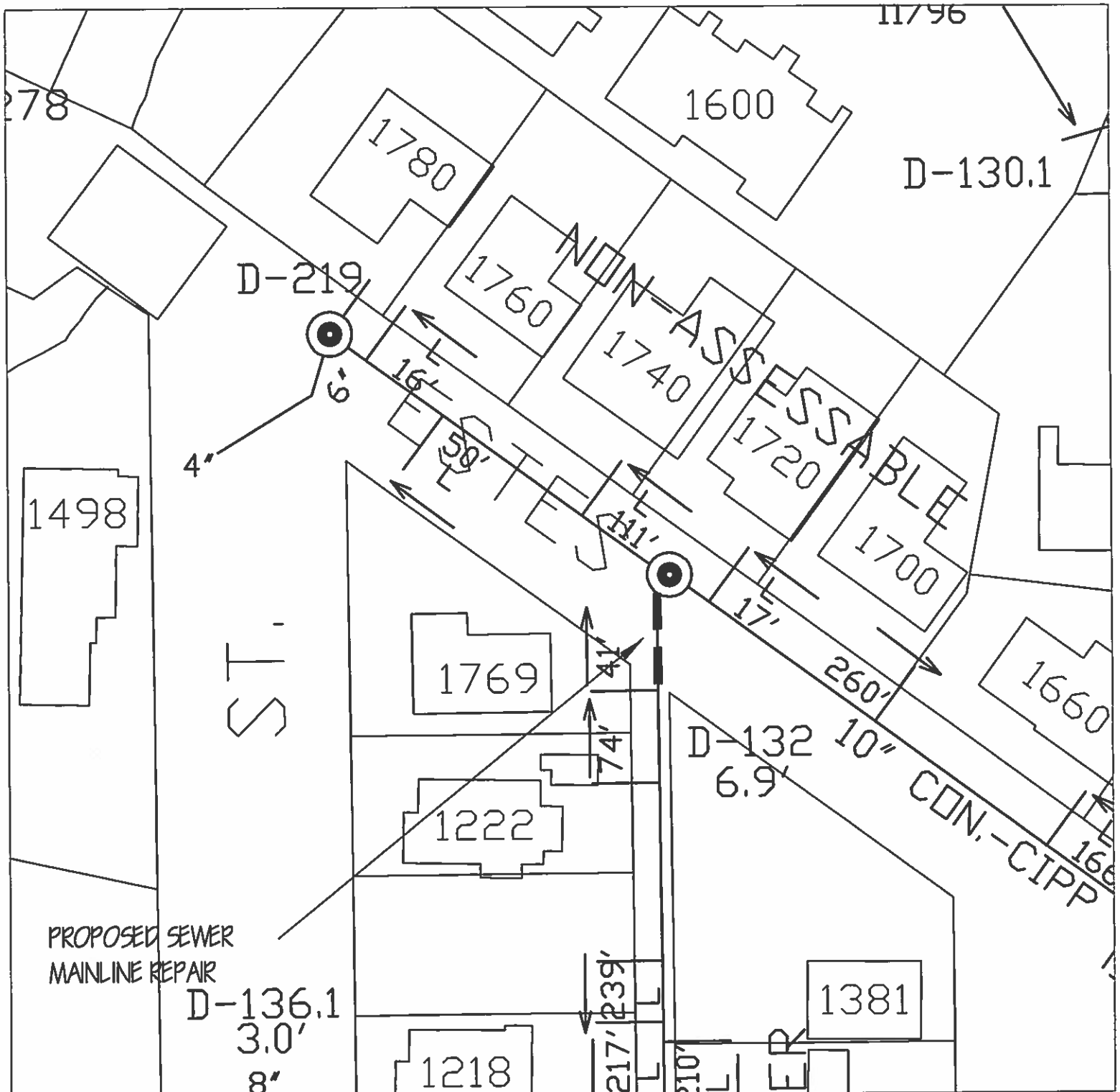


Year 1

**BAKER CITY PUBLIC WORKS
WASTE WATER CAPITAL PLAN
ESTIMATE OF COST
2014-2015 FISCAL YEAR
JULY 1, 2014 - JUNE 30, 2015**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Various Locations	Varies	Lineal Feet	Varies	\$ 130,000.00	Varies	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating sewage lines.
2	Estes Street - Mid Block	1	Lump Sum	\$7,500.00	\$ 7,500.00	8" PVC	Replace/ realign 30' of existing mainline that has settled and sagged.
3	Nevada Street and David Eccles Rd.- Manhole Reconstruction	1	Each	\$3,500.00	\$ 3,500.00	Varies	Reconstruct existing leaking manhole to eliminate infiltration.
4	Lagoon Phone System	1	Lump Sum	\$8,000.00	\$ 8,000.00	N/A	Upgrade and replace the lagoon phone and alarm sytem.
5	Engineering Support and Water Quality Testing	N/A	Lump Sum	\$20,000.00	\$ 20,000.00	N/A	Engineering support and water quality testing for effluent disposal options.
SUBTOTAL					\$ 169,000.00		
ENGINEERING					\$16,900.00		
ADMINISTRATIVE CHARGE					\$15,429.70		
TOTAL ESTIMATED COST					\$201,329.70		

Year 2014-2015
FISCAL YEAR I
ITEM NO. 2
ESTES STREET
PROPOSED SEWER MAINLINE REPAIR

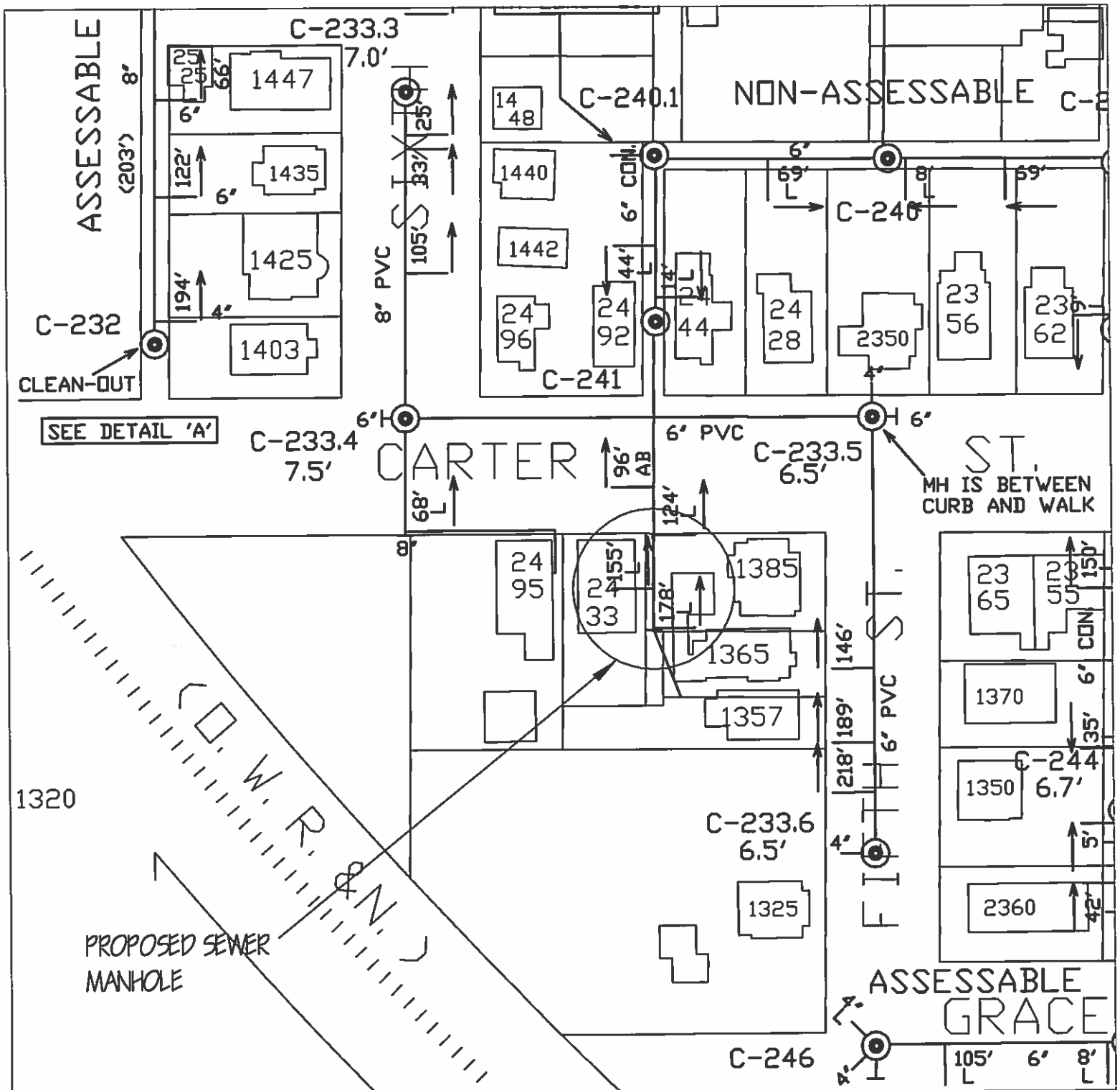


Year 2

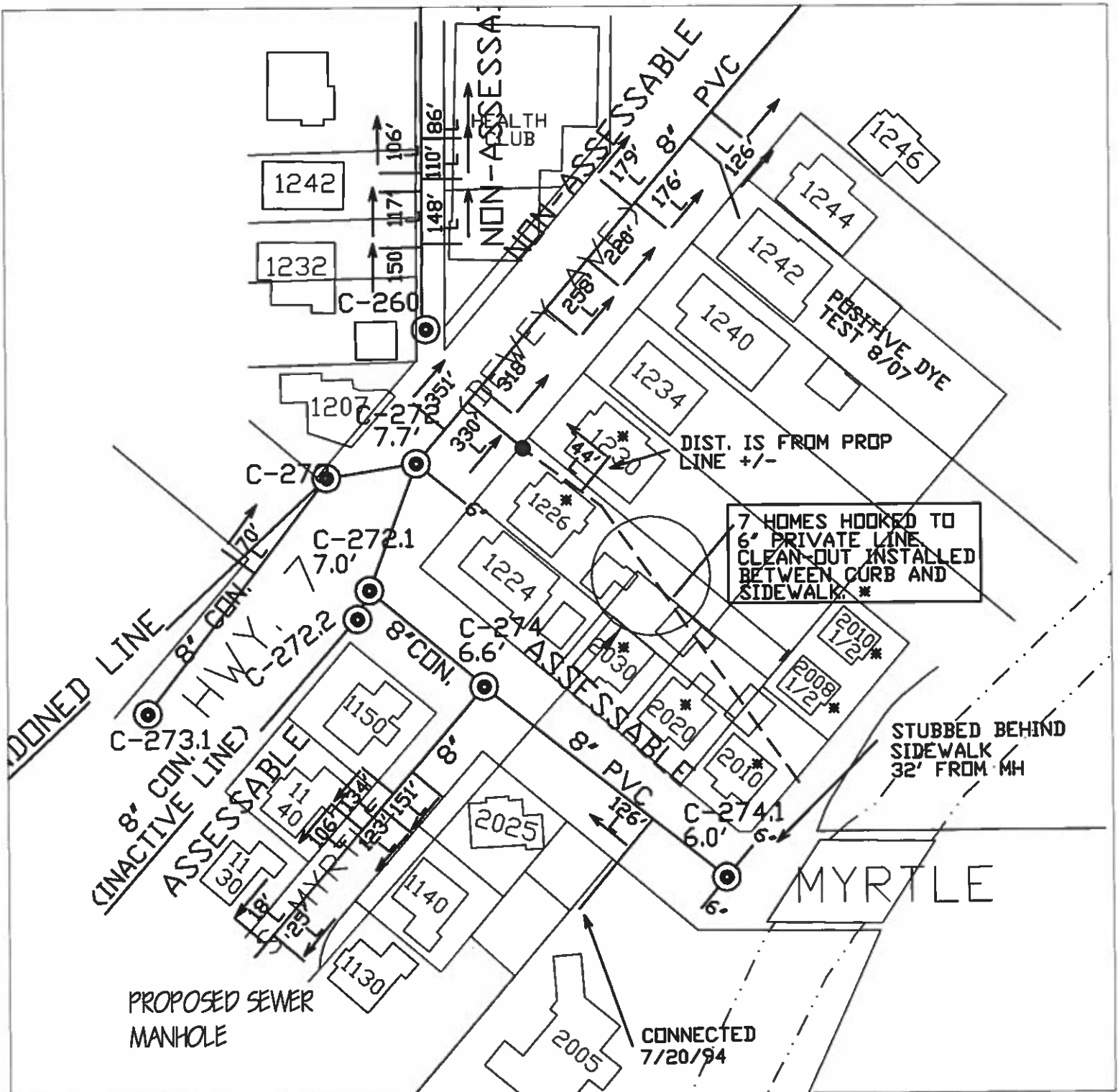
**BAKER CITY PUBLIC WORKS
WASTE WATER CAPITAL PLAN
ESTIMATE OF COST
2015-2016 FISCAL YEAR
JULY 1, 2015 - JUNE 30, 2016**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Various Locations	Varies	Lineal Feet	Varies	\$ 130,000.00	Varies	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating sewage lines.
2	Installing New Manholes - Various Locations	1	Lump Sum	\$16,000.00	\$ 16,000.00	N/A	Install 3 new manholes for improved access and maintenance.
3	Engineering Support and Water Quality Testing	N/A	Lump Sum	\$25,000.00	\$ 25,000.00	N/A	Engineering support, water quality testing and permit preparation for effluent disposal options.
SUBTOTAL					\$ 171,000.00		
ENGINEERING					\$17,100.00		
ADMINISTRATIVE CHARGE					\$15,612.30		
TOTAL ESTIMATED COST					\$203,712.30		

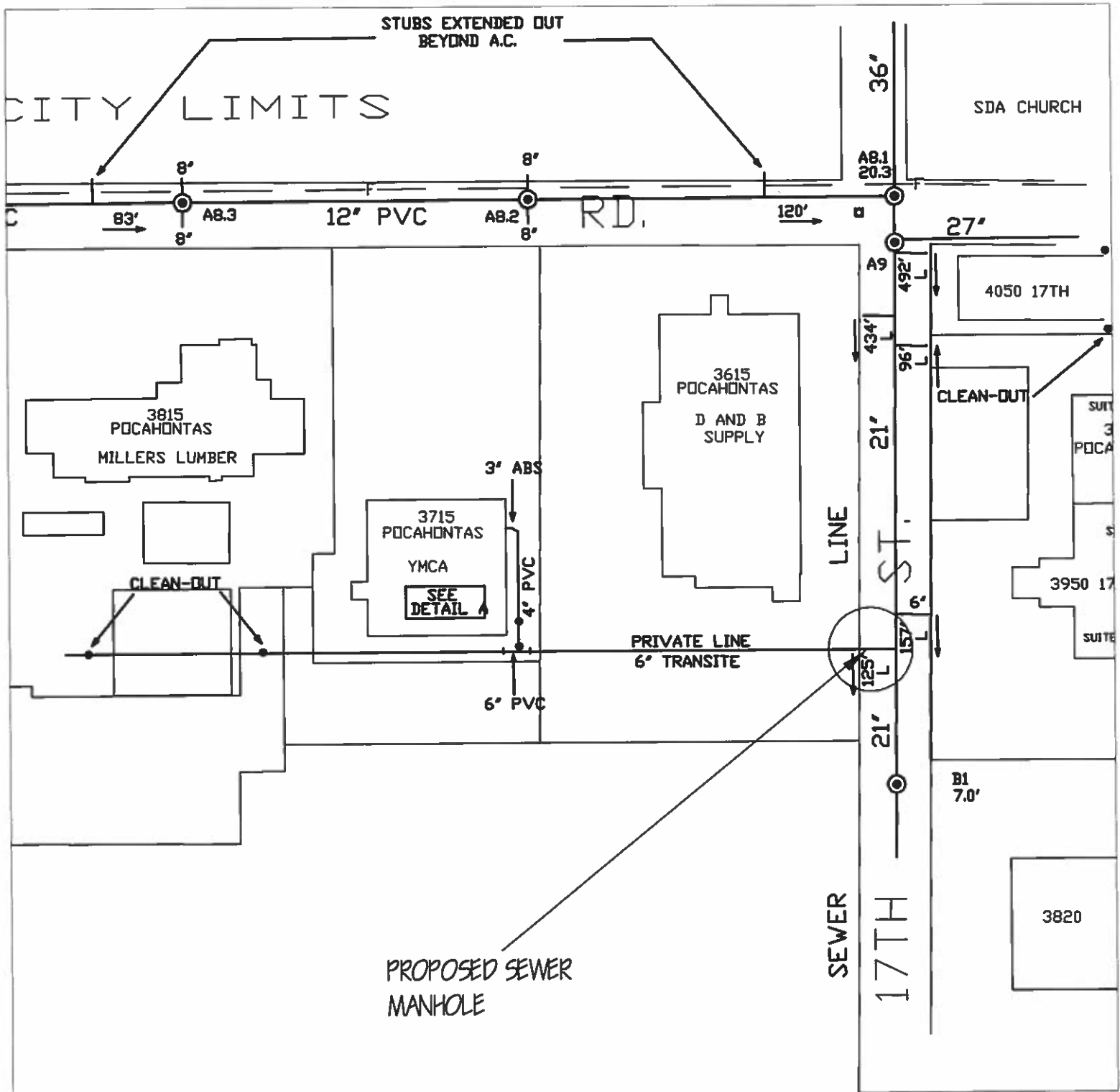
Year 2015-2016
FISCAL YEAR 2
ITEM NO. 2
CARTER STREET
PROPOSED SEWER MANHOLE



Year 2015-2016
 FISCAL YEAR 2
 ITEM NO. 2
 DEWEY AVE.
 PROPOSED SEWER MANHOLE



Year 2015-2016
FISCAL YEAR 2
ITEM NO. 2
17TH STREET
PROPOSED SEWER MANHOLE



Year 3

**BAKER CITY PUBLIC WORKS
WASTE WATER CAPITAL PLAN
ESTIMATE OF COST
2016-2017 FISCAL YEAR
JULY 1, 2016 - JUNE 30, 2017**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Various Locations	Varies	Lineal Feet	Varies	\$ 130,000.00	Varies	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating sewage lines.
2	Facility Plan Update	N/A	Lump Sum	\$50,000.00	\$ 50,000.00	N/A	Effluent disposal options study.
SUBTOTAL					\$ 180,000.00		
ENGINEERING					\$18,000.00		
ADMINISTRATIVE CHARGE					\$16,434.00		
TOTAL ESTIMATED COST					\$214,434.00		

Current Year Update

**BAKER CITY PUBLIC WORKS
3 YEAR STORM WATER CAPITAL PLAN
ESTIMATE OF COST
2013-2014 FISCAL YEAR - 2nd Half
JANUARY 1, 2014 - JUNE 30, 2014**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Underground Injection Well	Lump Sum	N/A	\$ 10,000.00	\$ 10,000.00	Varies	Eliminate underground injection storm water well at Windmill and Campbell.
2	Broadway Avenue - 3rd Street to 10th Street	2050	LF	Lump Sum	\$ 5,000.00	15"	Clean and video inspect storm mainline to determine where repairs and lining are needed.
SUBTOTAL					\$ 15,000.00		
ENGINEERING					\$1,500.00		
ADMINISTRATIVE CHARGE					\$1,369.50		
TOTAL ESTIMATED COST					\$17,869.50		

Items noted in green lettering are projects required by state or federal regulatory agencies.

Year 1

**BAKER CITY PUBLIC WORKS
3 YEAR STORM WATER CAPITAL PLAN
ESTIMATE OF COST
2014-2015 FISCAL YEAR
JULY 1, 2014 - JUNE 30, 2015**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Underground Injection Wells	Lump Sum	N/A	\$ 10,000.00	\$ 10,000.00	Varies	Eliminate Underground Injection storm water wells.
2	Broadway Avenue - 3rd Street to 5th Street	655	Lineal Feet	\$ 52.00	\$ 34,060.00	15"	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating storm lines.
3	Pear Street and Auburn Street	1	Lump Sum	\$ 7,400.00	\$ 7,400.00	N/A	Construct 4'x8'x5' concrete sediment vault for excess runoff from adjacent property.
4	9th Street - "D" Street to "E" Street	281	Lineal Feet	\$ 27.00	\$ 7,587.00	8"	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating storm lines.
SUBTOTAL					\$ 59,047.00		
ENGINEERING					\$5,904.70		
ADMINISTRATIVE CHARGE					\$5,390.99		
TOTAL ESTIMATED COST					\$70,342.69		

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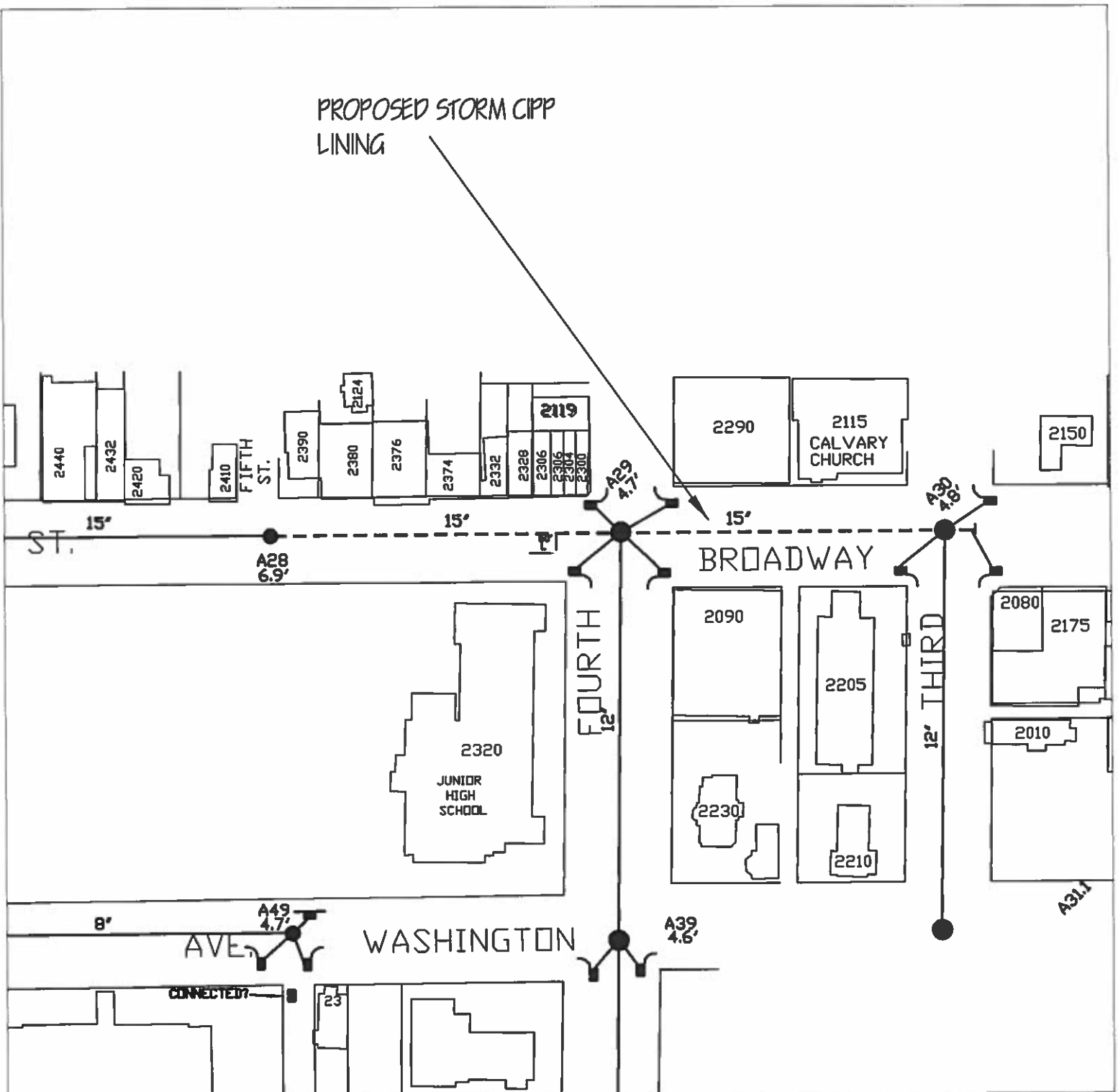
Year 2014-2015

FISCAL YEAR 1

ITEM NO. 2

BROADWAY - 3RD STREET TO 5TH STREET

PROPOSED STORM CIPP LINING



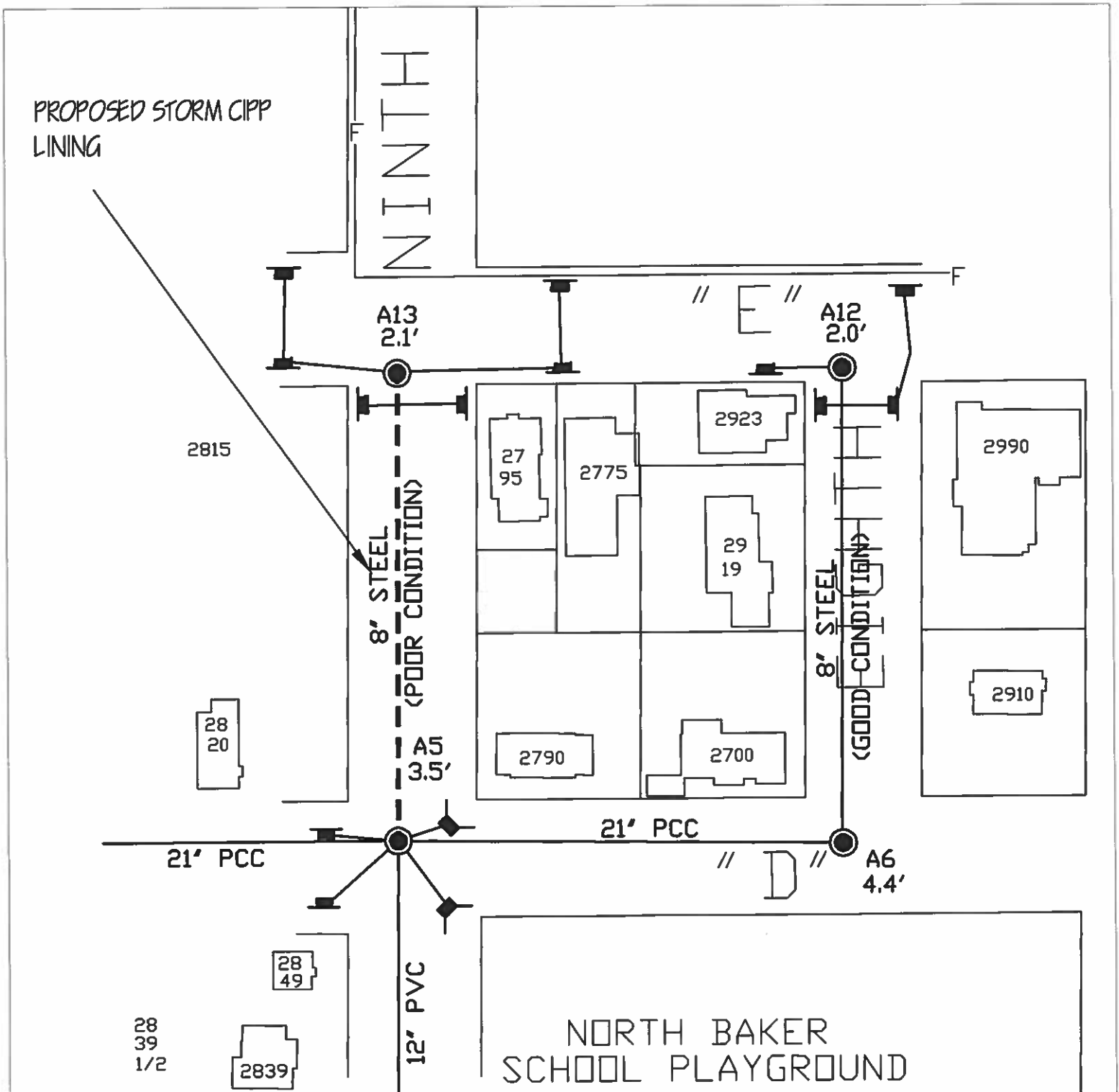
Year 2014-2015

FISCAL YEAR 1

ITEM NO. 4

9TH STREET - "D" STREET TO "E" STREET

PROPOSED STORM CIPP LINING



Year 2

**BAKER CITY PUBLIC WORKS
3 YEAR STORM WATER CAPITAL PLAN
ESTIMATE OF COST
2015-2016 FISCAL YEAR
JULY 1, 2015 - JUNE 30, 2016**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Underground Injection Wells	Lump	N/A	\$ 30,000.00	\$ 30,000.00	Varies	Eliminate various underground injection wells.
2	Broadway Avenue - 5th Street to 7th Street	607	Lineal Feet	\$ 52.00	\$ 31,564.00	15"	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating storm lines.
3	Broadway Avenue - Resort Street to Powder River	440	Lineal Feet	\$ 31.50	\$ 13,860.00	12"	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating storm lines.
4	TV Inspection of Storm Mainlines	Lump	Lump Sum	\$ 5,000.00	\$ 5,000.00	Varies	Inspect condition of existing storm mainlines.
SUBTOTAL					\$ 80,424.00		
ENGINEERING					\$8,042.40		
ADMINISTRATIVE CHARGE					\$7,342.71		
TOTAL ESTIMATED COST					\$95,809.11		

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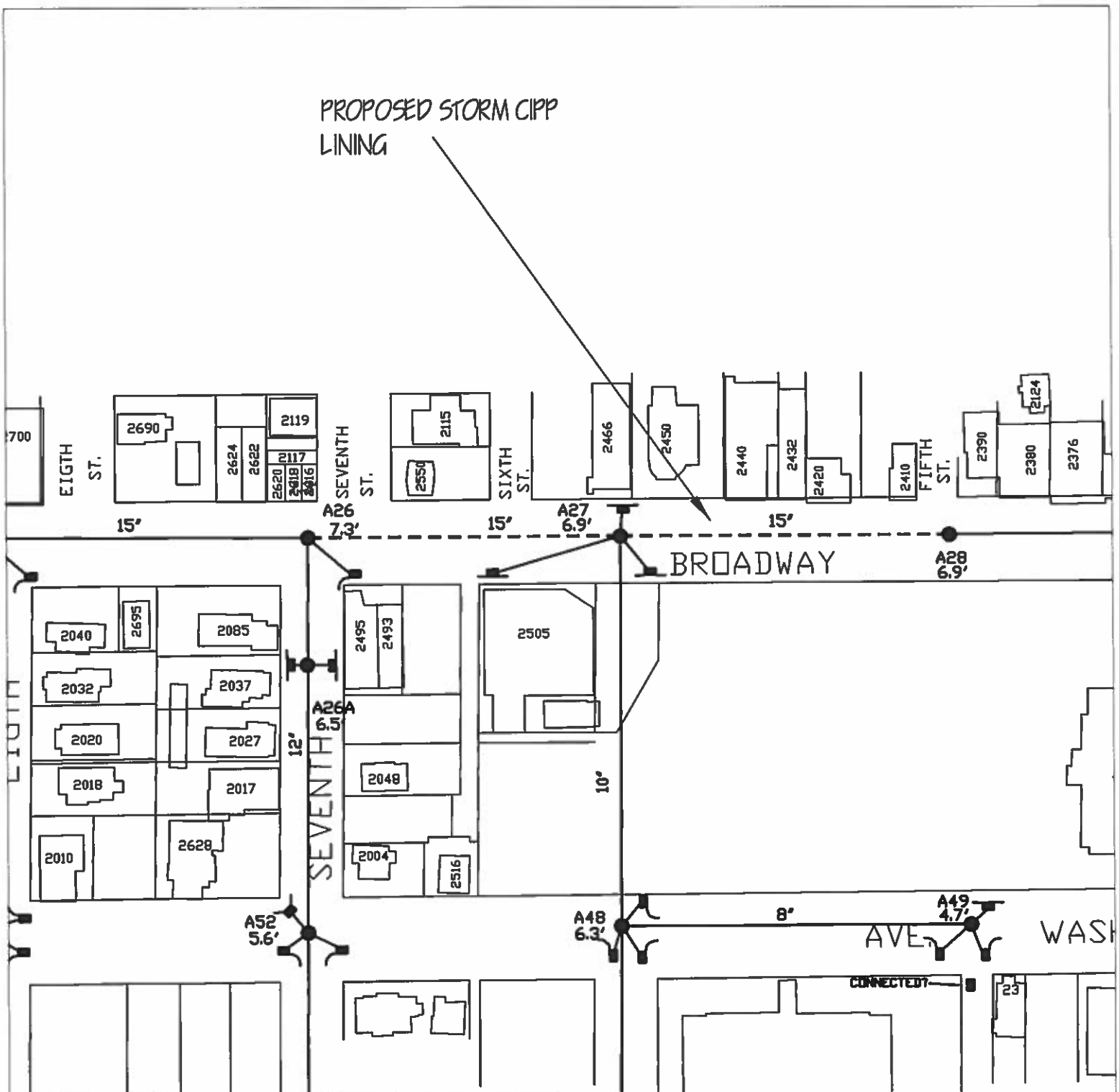
Year 2015-2016

FISCAL YEAR 2

ITEM NO. 2

BROADWAY - 5TH STREET TO 7TH STREET

PROPOSED STORM CIPP LINING





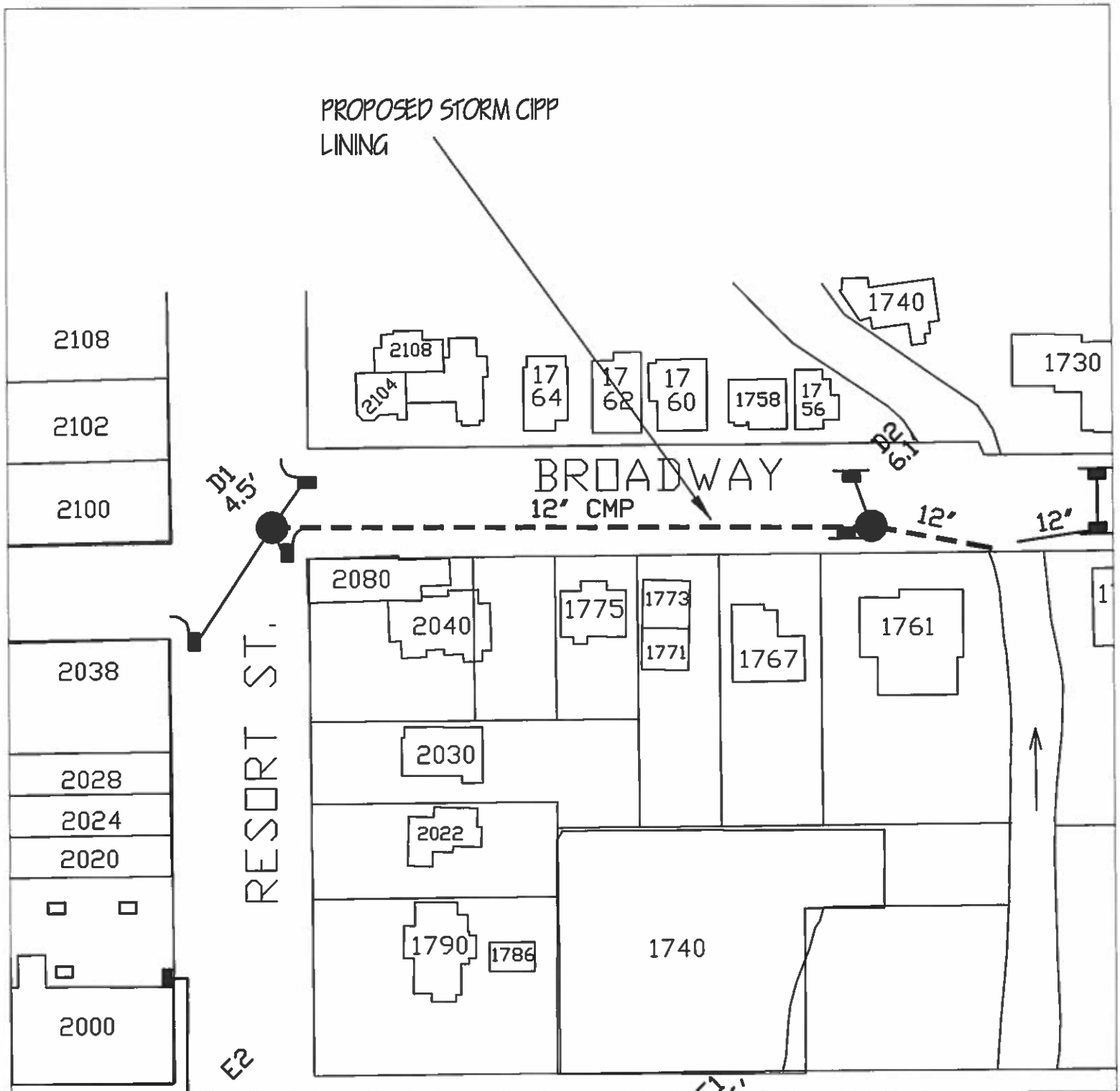
Year 2015-2016

FISCAL YEAR 2

ITEM NO. 3

BROADWAY - RESORT STREET TO RIVER

PROPOSED STORM CIPP LINING



Year 3

**BAKER CITY PUBLIC WORKS
3 YEAR STORM WATER CAPITAL PLAN
ESTIMATE OF COST
2016-2017 FISCAL YEAR
JULY 1, 2016 - JUNE 30, 2017**

ITEM #	LOCATION	QUANTITY	UNIT	UNIT COST	ESTIMATED TOTAL COST	SIZE TYPE	OBJECTIVE
1	Underground Injection Wells	Lump	N/A	\$ 30,000.00	\$ 30,000.00	Varies	Eliminate various underground injection wells.
2	Broadway Avenue - 7th Street to 10th Street	815	Lineal Feet	\$ 52.00	\$ 42,380.00	15"	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating storm lines.
3	Valley Street - Resort Street to Powder River	480	Lineal Feet	\$ 31.50	\$ 15,120.00	12"	Install CIPP (Cured In Place Pipe) lining to prevent leakage & improve structural & flow characteristics of deteriorating storm lines.
4	15th Street - Catch Basin Installation	Lump	Lump Sum	\$ 3,000.00	\$ 3,000.00	N/A	Install new catch basin to improve drainage.
5	TV Inspection of Storm Mainlines	Lump	Lump Sum	\$ 5,000.00	\$ 5,000.00	Varies	Inspect condition of existing storm mainlines.
SUBTOTAL					\$ 95,500.00		
ENGINEERING					\$9,550.00		
ADMINISTRATIVE CHARGE					\$8,719.15		
TOTAL ESTIMATED COST					\$113,769.15		

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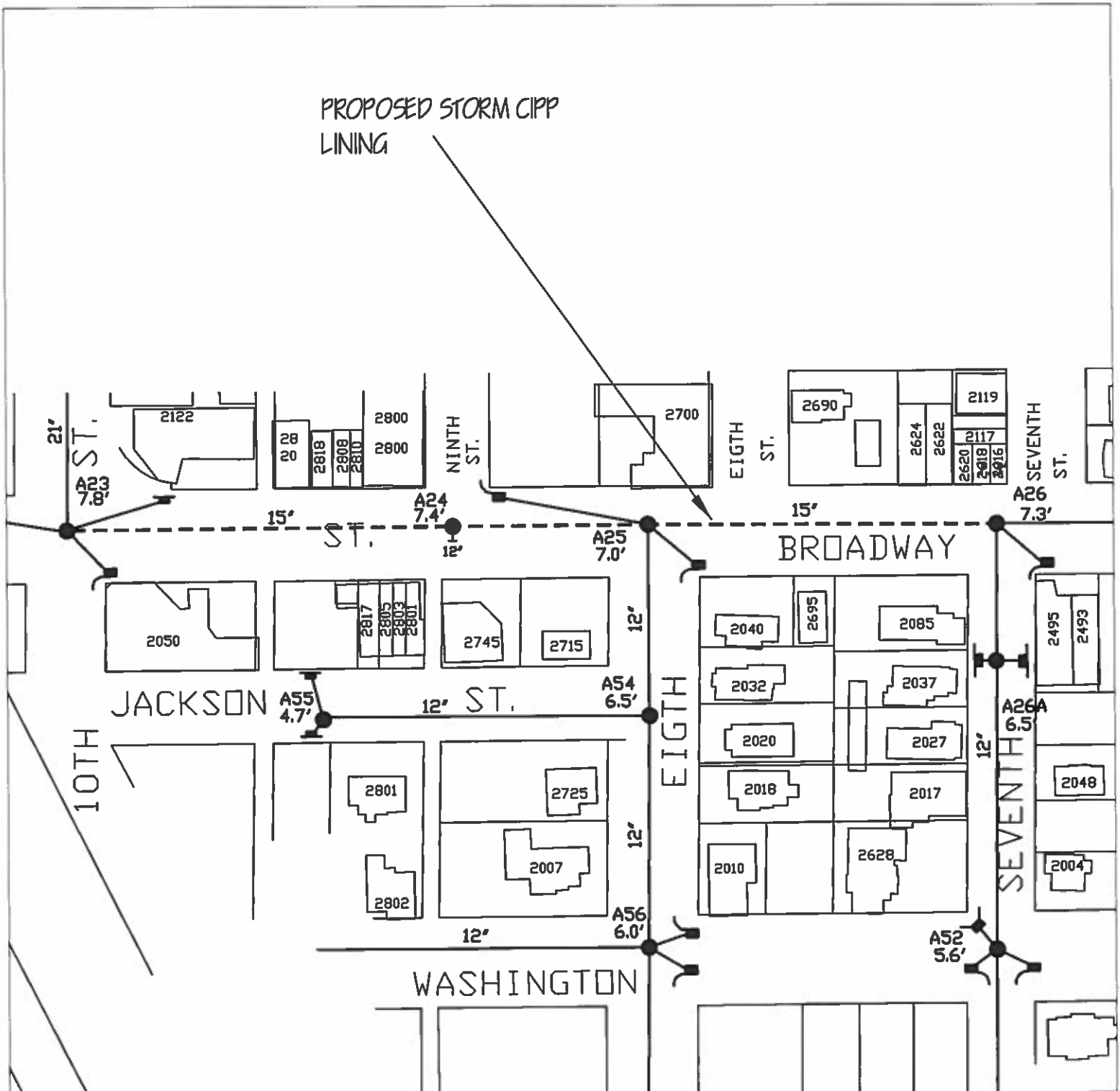
Year 2016-2017

FISCAL YEAR 3

ITEM NO. 2

BROADWAY - 7TH STREET TO 10TH STREET

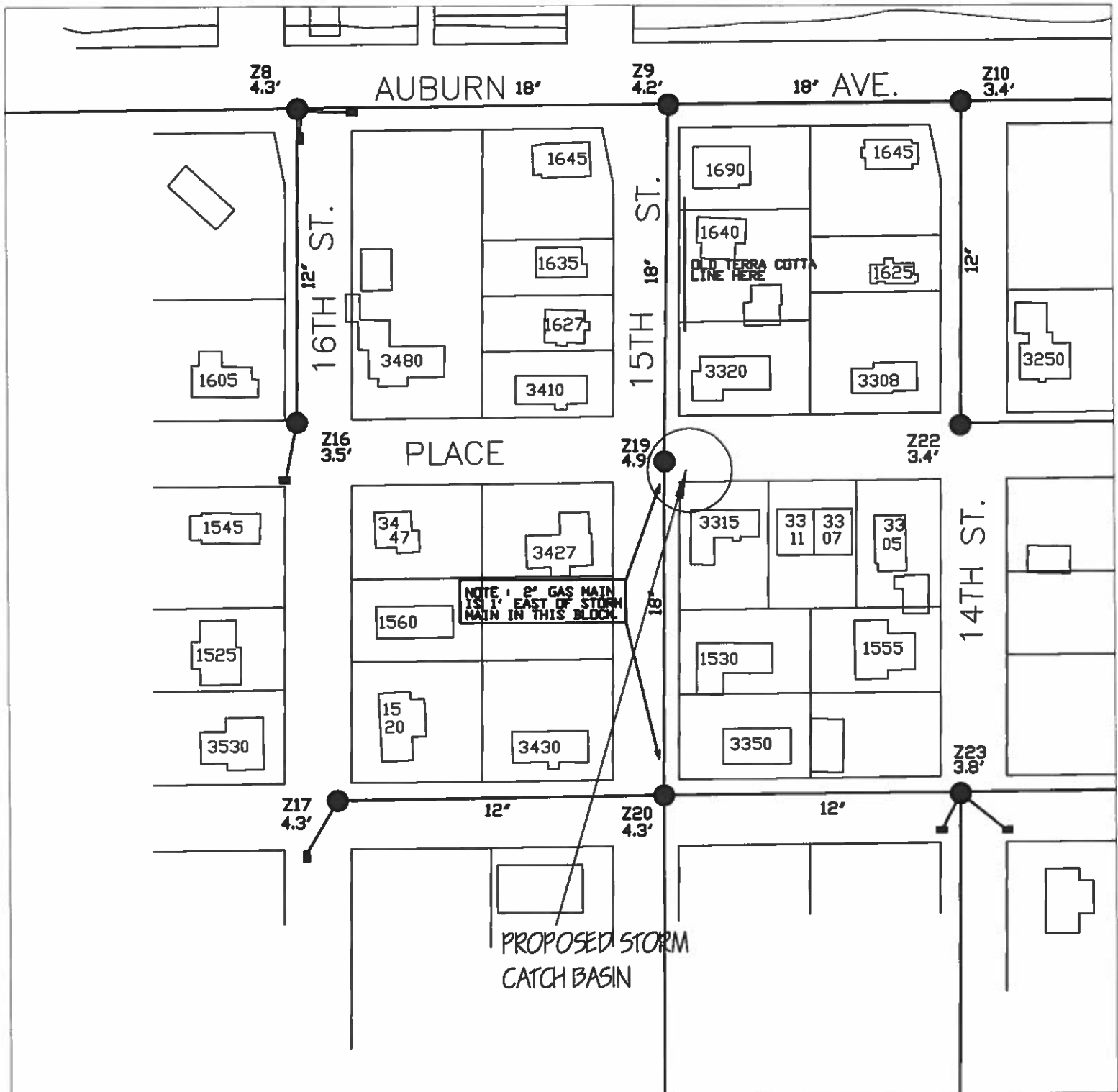
PROPOSED STORM CIPP LINING

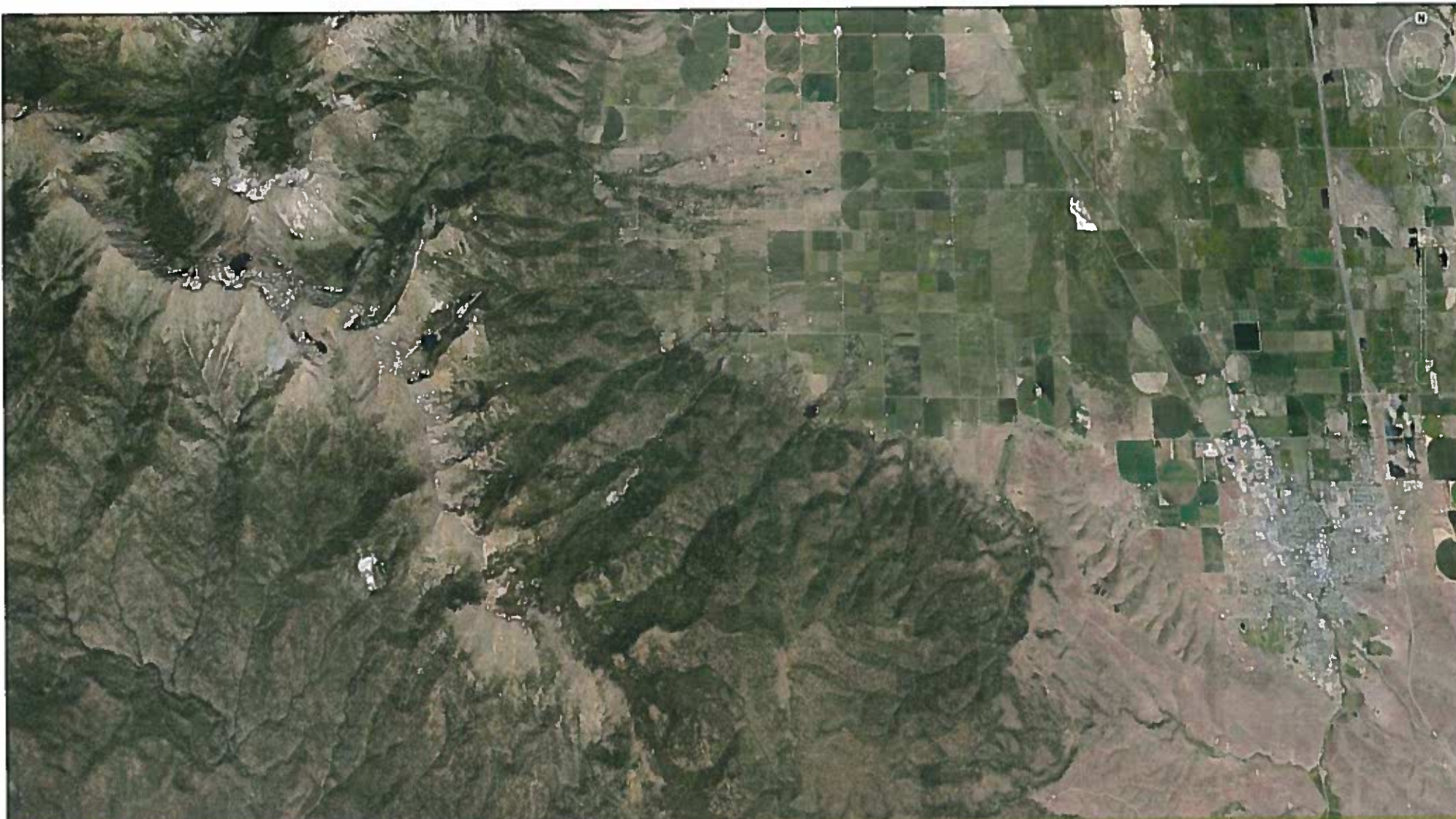


PROPOSED STORM CIPP LINING



Year 2016-2017
 FISCAL YEAR 3
 ITEM NO. 4
 15TH STREET
 PROPOSED STORM CATCH BASIN





Baker City Public Works Department

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Imagery Date: 6/29/2013 44°46'42.48"N 117°58'52.99"W elev. 5127 ft eye alt 16.33 mi