City of Lemoore
Capital Improvement Budget
2013 – 2015

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2013-2015
SUMMARY OF FUND BALANCES
CAPITAL IMPROVEMENT BUDGET

	FUND	EST BALANCE AS OF 7/1/2013	ESTIMATED REVENUES 2013-2015	TRANSFER IN	TRANSFER OUT	CASH RESERVE	ESTIMATED AVAILABLE 2013-2015	ESTIMATED EXPENSES 2013-2015	ESTIMATED BALANCE 6/30/2015
075	Facility/Infrastructure Fund	$ 277,081	$ 300	$ 309,000			$ 586,381	$ 80,000	$ 506,381
068	General Municipal Facilities Bldgs	$ 257,862	$ 100,160		$ 5,326		$ 352,696	$ 251,249	$ 101,447
066	Law Enforcement Cap Fund	$ 376,805	$ 31,680	$ 620,000	$ 3,226		$ 1,025,259	$ 930,000	$ 95,259
067	Fire Protection Impact Fees East	$ 179,471	$ 9,000		$ 186,874		$ 1,597	$ -	$ 1,597
067A	Fire Protection Impact Fees West	$ 6,097	$ 10				$ 6,107	$ -	$ 6,107
028	City Grants	$ -	$ 675,000				$ 675,000	$ 675,000	$ -
027	TE/STP (RTPA) Exchange Fund	$ 1,352,790	$ 300,000				$ 1,652,790	$ 1,566,017	$ 86,773
029	Gas Tax 2105	$ 381,686	$ 220,000				$ 601,686	$ 335,445	$ 266,241
030	Gas Tax 2106	$ 4,459	$ 120,000				$ 124,459	$ -	$ 124,459
031	Gas Tax 2107	$ (82,078)	$ 360,000				$ 277,922	$ -	$ 277,922
033	LTF Funds	$ 821,522	$ 517,862				$ 1,339,384	$ 1,218,689	$ 120,695
034	Gas Tax 2103	$ 642,810	$ 400,000				$ 1,042,810	$ 955,900	$ 86,910
072	Streets Capital	$ 118,361	$ 400				$ 118,761	$ -	$ 118,761
065	Streets & Thoroughfares East	$ 2,436,928	$ 167,360		$ 15,874		$ 2,588,414	$ 1,486,560	$ 1,101,854
065A	Streets & Thoroughfares West	$ 80,156	$ 60				$ 80,216	$ -	$ 80,216
074	Parks and Recreation Impact Fees	$ 1,463,060	$ 92,580		$ 19,136		$ 1,536,504	$ 276,300	$ 1,260,204
074A	Park Land Acquisition	$ 263,006	$ 46,800				$ 309,806	$ -	$ 309,806
074B	Park Improvements	$ 328,577	$ 65,760				$ 394,337	$ -	$ 394,337
074C	Community/Recreation Facilities	$ 137,304	$ 31,320				$ 168,624	$ 88,000	$ 80,624
028	Urban Forestry Grant Funding	$ -	$ -				$ -	$ -	$ -
070	Water Supply Capital *	$ 2,358,564	$ 180,960		$ 39,660		$ 2,499,864	$ -	$ 2,499,864
070A	Water Distribution	$ 270,165	$ 24,960		$ -		$ 295,125	$ 20,000	$ 275,125
071	Wastewater Treatment/Disposal	$ (545,824)	$ 91,680		$ 1,942		$ (456,086)	$ -	$ (456,086)
071A	Wastewater Collection	$ 305,246	$ 41,280				$ 346,526	$ 10,000	$ 336,526
049B	State Reimbursement Funding	$ -	$ 30,000				$ 30,000	$ 30,000	$ -
069	Storm Drainage Facility Capital	$ 817,307	$ 88,000		$ 11,134		$ 894,173	$ 190,000	$ 704,173
028	CalTrans Reimbursement	$ -	$ 780,000				$ 780,000	$ 780,000	$ -
	Total	**$ 12,251,355**	**$ 4,375,172**	**$ 929,000**	**$ 283,172**	**$ -**	**$ 17,272,355**	**$ 8,893,160**	**$ 8,379,195**
	OTHER IMPACT FEES AVAILABLE / NOT CIP PROJECTS								
076	Refuse Impact Fees	$ 209,870.00	$ 35,520.00				$ 245,390.00	$ -	$ 245,390.00

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Street Projects

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CAPITAL IMPROVEMENT PROGRAM PROJECT

Fund: Gas Tax, Local Transportation Funds, Street Capital (Maintenance)
Function: Capital improvements

Activity: Streets
Activity No.: 4721

	C.I.P. Description/Project No.	Fund No.	Dept. No.	Project Cost	Carry Over Project Expended as of 6/30/13	2013-2015	2015-2017	2017-2019	2019 & Beyond
C/O	2013 CIP Maintenance Projects/March 2013 - Street Overlays	027	4727B	$ 1,397,800	$ 50,983	$ 1,346,817			
C/O	2013 CIP Maintenance Projects/March 2013 - Slurry Seals	033	4723B	$ 605,320	$ 11,231	$ 594,089			
C/O	2013 CIP Maintenance Projects/March 2013 - West Cedar Lane	065	4721C	$ 91,900	$ -	$ 91,900			
C/O	Cedar Lane Extension East Engineering	065	4721B	$ 70,000	$ 11,640	$ 58,360			
C/O	Daphne RR Crossing Engineering	065	4721D	$ 20,000	$ -	$ 20,000			
C/O 4	Double Chip Seal 9.63 Miles	029	4729A	$ 859,230	$ 693,736	$ 165,494			
C/O 7	Lighted X-Walk Repair	029	4729B	$ 69,951	$ -	$ 69,951			
1	Reclamite Sealing - Recommended for 14/15 per Quad	033	New			$ 274,600			
2	Street Overlays - Recommended for 14/15 per Quad	034	New			$ 955,900			
3	Slurry Seals - Recommended for 14/15 per Quad	027	New			$ 219,200			
4	Reconstruct - Recommended for 14/15 per Quad	065	New			$ 1,316,300			
5	Misc Street Related Expenses: Ex. Major Patching & Crack Filling, Street Project Planning - Per Recommendations	029	4729			$ 100,000			
6	PFMD SURFACE TREATMENTS ZONE 2	078	4815B			$ 56,290			
7	PFMD SURFACE TREATMENTS ZONE 3	078	4815C			$ 15,000			
8	PFMD SURFACE TREATMENTS ZONE 4	078	4815D			$ 9,480			
9	Cover Canal, add Sidewalks; Curb & Gutters - CMC Underground Canal Project	028/033	New			$ 650,000			
10	Install Sidewalk West Side of 19 1/2 Ave Bush to Cinnamon	028	New			$ 375,000			
	The engineering costs for these two projects were funded at Sept. 4, 2012 council meeting. Construction to follow at later date.								
11	Cedar Lane Extension East Construction	065	4721B				$ 1,445,000		
12	Daphne RR Crossing Construction	065	4721D						$ 1,463,558
	TOTAL			**$ 3,114,201**	**$ 767,590**	**$ 6,318,381**	**$ 1,445,000**	**$ -**	**$ 1,463,558**
					CIP Related Funding	**$ 6,237,611**			
					Other Funding: LLMD	**$ 24,480**	**Estimated Balance 6-30-14**		**$ 51,065**
					Other Funding: PFMD	**$ 56,290**	**Estimated Balance 6-30-14**		**$ 422,540**

CITY OF LEMOORE

CAPITAL IMPROVEMENT PROGRAM (CIP) RECOMMENDED STREETS MAINTENANCE PROGRAMS FOR FISCAL YEARS 2014 AND 2015

August 2013

Quad Knopf

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A. Summary Cost Estimates
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F. PFMD Zones 2, 3 and 4

Quad Knopf

August 12, 2013

Joe Simonson, Director
City of Lemoore
Parks and Recreation Department
435 C Street
Lemoore, CA 93245

Re: Street maintenance programs, fiscal year 2014 and 2015
Capital Improvement Program (C.I.P.), recommendations

Dear Joe:

You have requested, in appropriate detail, the subject recommendations.

Attached in response to that request are:

1. Summary cost estimates for each recommended program for each year (Attachment A)

2. Maps showing the streets and street segments requiring such maintenance and serving as the basis for the cost estimates (Attachment B)

3. A map showing maintenance programs during the past five years (including 2013) (Attachment C)

We have reviewed with the Finance Director, Mrs. Silva, the restricted funding which will be available for these programs; it is approximately $4,000,000. The program recommendation (Attachment B) would utilize approximately $2,766,200 of that funding. The balance of the available funding (approximately $1,234,000) has been reserved for any unforeseen costs for Cedar Avenue extension in excess of impact fee funding, for any intersection signalization not now planned, crackfilling and patching, or other street expenditures not now foreseeable.

The recommended programs are based on:

- A review, and update, of Pavement Management System (PMS) mapping (Attachment D)

- Field confirmation of, and prioritization of, maintenance needs indicated by that System

L:\Projects\2013\L130128\CIP\2013-08-12 Ltr to Simonson re street mnt program 2014-2015.docx

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- Recommendation/selection adjustments to assure minimum program costs by concentrating work each year, to the extent possible for each program, in a geographic area rather than scattered throughout the City.

An updated description of PMS evaluation criteria and maintenance program recommendations is also attached (Appendix F).

It should be noted that, separately financed with PFMD funds (Zones 2, 3 and 4) additional Reclamite-treated streets are included in that program. Such streets are separately denoted on Attachment B.

You have requested, because of your maintenance personnel constraints, an estimate of the cost of implementation of a separate contract for needed crackfilling and chuckhole patching not associated with an overlay, slurry seal, or Reclamite project. An allowance of $50,000 per year, $100,000 has been made for such a contract (see Attachment B). You are correct that this will be of benefit in delaying pavement deterioration and the need for more extensive maintenance.

It is hoped that this submittal contains the information required. Please advise if anything else is needed. We appreciate the opportunity to make these recommendations.

Sincerely,

David Jacobs, P.E., PLS | Harry A. Tow, P.E. | Rick Joyner, P.E., PLS

cc: Ray Greenlee, Parks and Facilities Superintendent

ATTACHMENT A

SUMMARY COST ESTIMATES

Attachment A

Summary Cost Estimates

I. Basic Programs (restricted, State, funding)

	Fiscal Year 2014	Fiscal Year 2015
Reclamite (@ $.12/sq. ft.)[1]	$137,300[2]	$137,300
Slurry seal (@ $.32/sq. ft.)	$109,600	$109,600
Overlay (@ 2.06/sq. ft.)	$559,900[3]	$396,000[4]
Reconstruct (@ 5.10/sq. ft.)	$700,000[5]	$616,300
	Total 2014: $1,506,800	**Total 2015: $1,259,200[6]**

Total: $2,766,000

II. Public Facilities Maintenance District (PFMD, see Attachment F)

Zones 2, 3 and 4 of PFMD No. 1 are scheduled for surface treatment (fog seal or Reclamite, during 2014 and 2015), and are separately funded. The following areas and costs will be added to the basic Reclamite Program:

Zone 2: 469,100 sq. ft. @ .12 per sq. ft. = **$56,290**, 2014
Zones 3 & 4: 204,000 sq. ft. @ .12 per sq. ft. = **$24,480**, 2015

III. Crackfilling and Patching

Fiscal year 2014 **$50,000**
Fiscal year 2015 **$50,000**

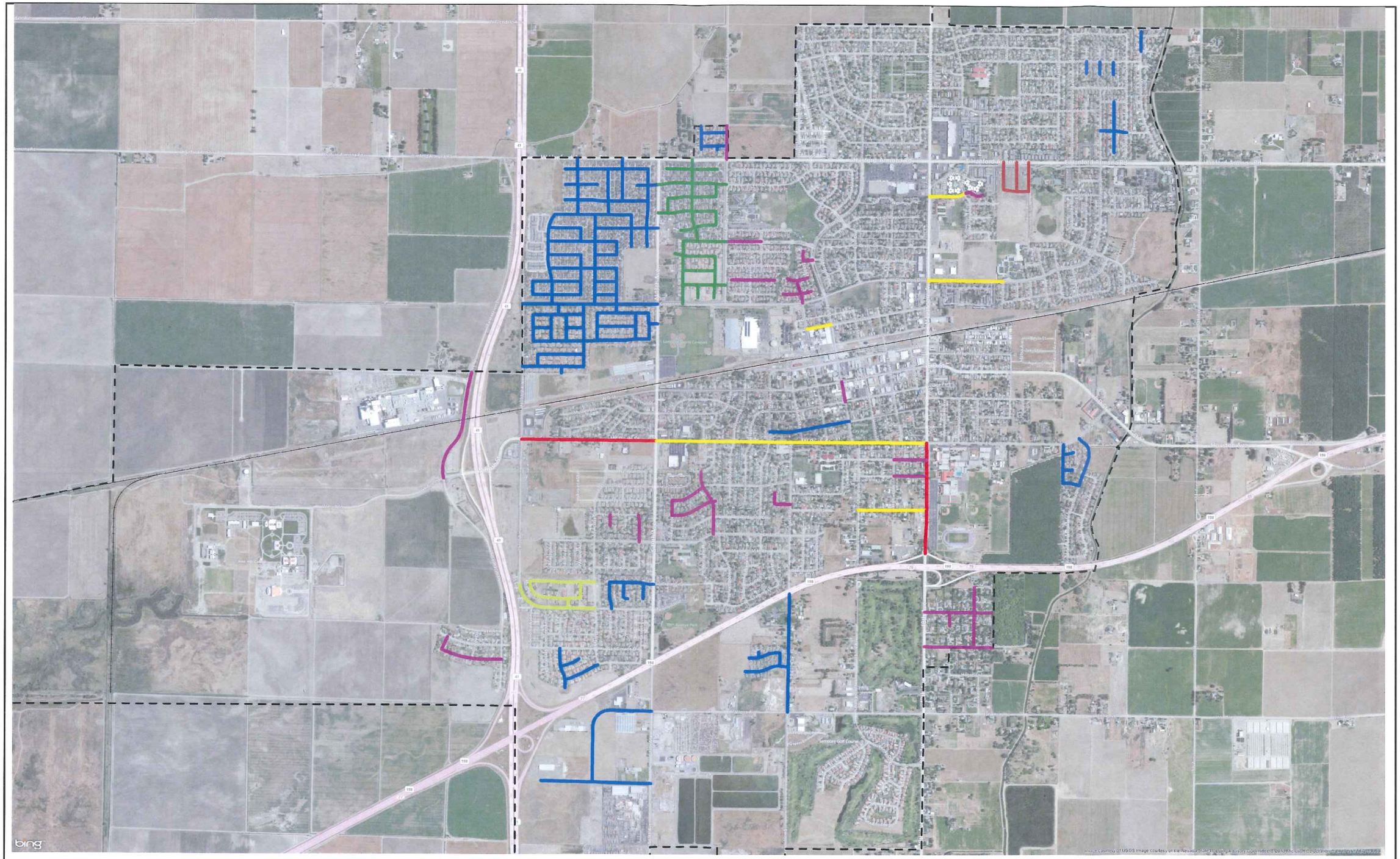
Total **$100,000**

---

[1] Based on 2013 bid costs including estimated engineering, construction management, and inspection costs.
[2] Not including Section II, PFMD streets and costs
[3] Bush, Lemoore to 19th
[4] G, Fox to Hill; Larish; Follet to Lemoore; Cinnamon, Lemoore to Balboa; Club Drive
[5] Bush; 19th to 19 ½
[6] Lemoore, Bush to 198

ATTACHMENT B

2013/2014 PLANNED MAINTENANCE



Lemoore Pavement Management

City of Lemoore, CA

2013-2014 Planned Maintenance

LEGEND:

Planned Maintenance Areas/Type

- PFMD Zone 2
- PFMD Zone 3
- PFMD Zone 4
- Reclamite
- Slurry Seal
- Overlay
- Reconstruct

Notes:
This map contains data described above. This map is preliminary and subject to change; please use at your own discretion. Quad Knopf disclaims any responsibility from the subsequent use of this preliminary map.

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Visalia, CA 93278
Tel: 559.733.0440
Fax: 559.733.7821

Date: 8/13/2013

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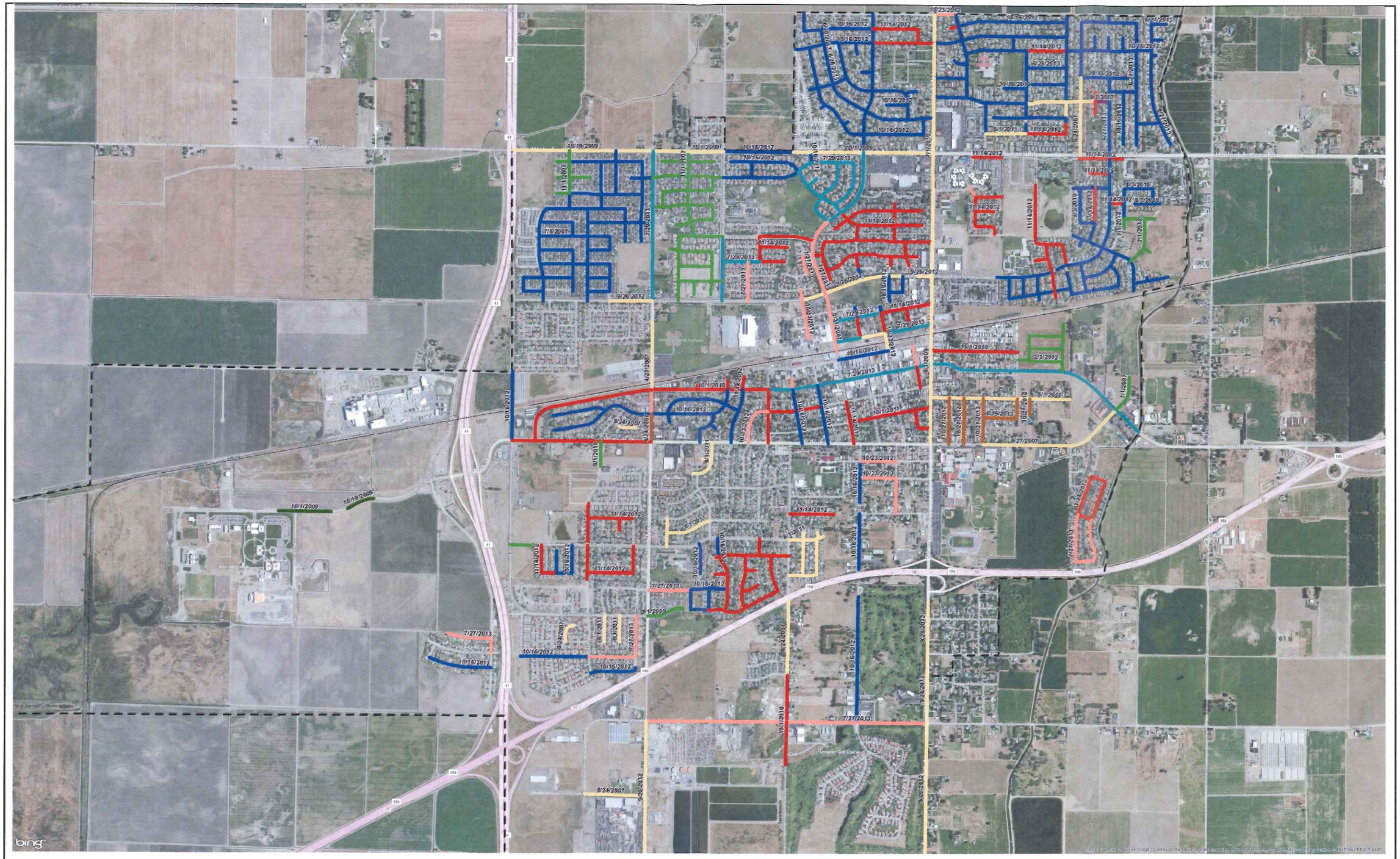
ATTACHMENT C

MAINTENANCE PROGRAM, PAST FIVE YEARS



LEMOORE CALIFORNIA

Lemoore Pavement Management

City of Lemoore, CA

Street Treatments Performed 2007-2013

LEGEND:

City Limits

Street Treatment

- AC - AC Overlay < 2"
- AC - AC Overlay > 2"
- AC - Double Chip Seal
- AC - Overlay with Fabric
- AC - Reclamite
- AC - Surface Seal
- AC Slurry Seal
- Initial Paving
- Reconstruction

(Dates shown on this map indicate the date of the specified treatment)

Notice:
This map contains data described above. This map is preliminary and subject to change; please use at your own discretion. Quad Knopf disclaims any responsibility from the subsequent use of this preliminary map.

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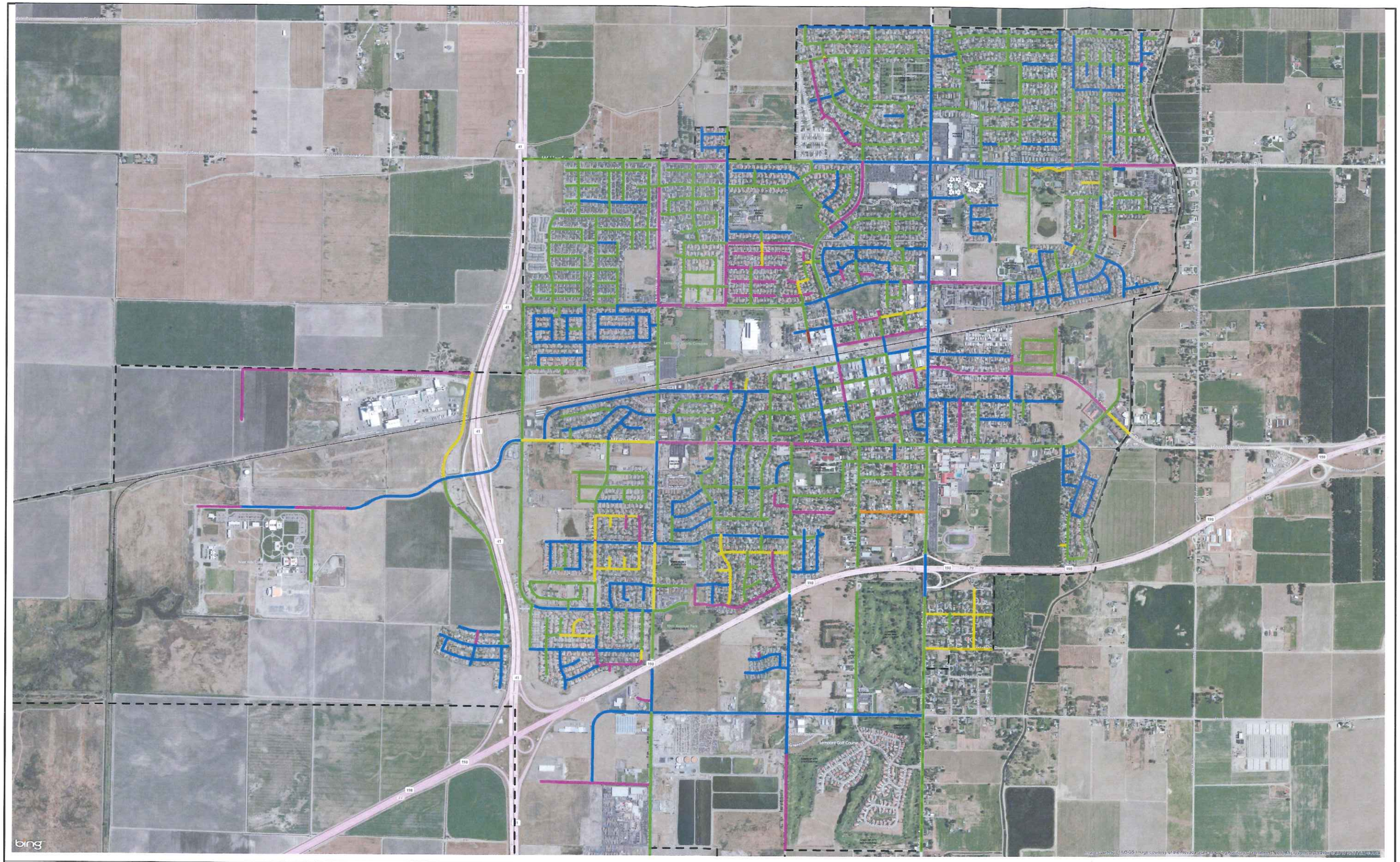
ATTACHMENT D

PAVEMENT MAINTENANCE SYSTEM (PMS) MAPPING



LEMOORE CALIFORNIA

Lemoore Pavement Management

City of Lemoore, CA

Observed Condition Index (OCI) July 2013

LEGEND:

OCI Categories

- 0 - 12.99: Failure
- 13.0 - 29.99: Poor
- 30.0 - 45.99: Fair
- 46.0 - 60.99: "ok"
- 61.0 - 75.99: Good
- 76.0 - 100.00: Excellent

Notice:
This map contains data described above. This map is preliminary and subject to change; please use at your own discretion. Quad Knopf assumes any responsibility from the subsequent use of this preliminary map.

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Date: 8/13/2013

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ATTACHMENT E

MAINTENANCE PARAMETERS, PAVEMENT MANAGEMENT SYSTEM (PMS)

Quad Knopf

MEMO

Date: August 12, 2013 **Project No.:** L050052

To: Joe Simonson, Director
City of Lemoore
Parks and Recreation Department

From: Harry A. Tow

Subject: Maintenance parameters, Pavement Management System (PMS)

cc: David Duda
Steve Brandt

The maintenance parameters, and the corresponding suggested range of maintenance procedures, are as follows:

PCI Rating	Description	Remedy
0-12	Failure	Recycle or Remove and Reconstruct
13-30	Poor	Recycle, or Slurry Seal or Fabric plus Overlay
31-45	Fair	Overlay (with or without Fabric)
45-60	Maintenance required	Slurry Seal
61-75	Good	Reclamite
75-100	Excellent	None Required

These Pavement Management System (PMS) criteria can serve as a guideline for detailed inspection and street selection prior to consideration of annual pavement maintenance programs – Reclamite, slurry seals, and overlays. The maintenance programs which you have thus far selected and implemented have assured the City's residents of an excellent street system; the low-end street maintenance categories (0-12, 13-30) are hardly needed.

HAT/wbe

L:\Projects\2013\L130128\CIP\Attachment C.docx

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EXECUTIVE SUMMARY

The City of Lemoore currently maintains approximately 80 miles of roadways, equating to 17 million square feet of asphalt concrete pavement. For the purposes of the PMS, the roadways were broken down into approximately 1,000 segments. The segments were evaluated and input into the CartêGraph Pavementview program.

The evaluations of the pavement conditions vary from excellent (or new) to failed. The purpose of the program is to periodically evaluate and describe the present condition of each maintainable portion of pavement (segment) and recommend needed maintenance programs.

The PMS recommendations are based upon field observations. They do not include priorities based on funding, complaints received, or other criteria. These priorities should be addressed and balanced with recommendations from this program prior to finalizing annual maintenance programs.

The Pavement Evaluation Process

The field evaluation process involves physically measuring specific conditions of pavement distress. In CartêGraph Pavementview, there are seventeen of these distress conditions described. They include:

1. Alligator cracking
2. Bleeding and pumping
3. Blocking and cracking
4. Bumps and sags
5. Corrugation
6. Depression
7. Edge cracking
8. Lane/shoulder dropoff
9. Longitudinal and transverse cracking
10. Patching
11. Polished aggregate
12. Potholes
13. Railroad crossings
14. Rutting
15. Slippage cracking
16. Swell
17. Weathering and raveling

Pavement Conditions and Recommended Maintenance

Following field evaluation, pavement data are analyzed for Overall Condition Index (OCI) using CartêGraph Pavementview. OCI is a rating between 0 and 100 that quantifies the condition of pavement. When using the OCI, types of maintenance techniques to be used can be evaluated, and when they need to be, considered for scheduling.

It is suggested that a comprehensive field evaluation of all streets should be made every five years to properly manage the pavement maintenance program. Any annual evaluations should be initiated in late fall to allow for adequate design time and utility relocation prior to bid packaging for a bid date and a bid scope which will obtain the best bid results.

PAVEMENT MAINTENANCE METHODS

Below are descriptions of maintenance and reconstruction procedures commonly completed on asphalt pavement. Maintenance should be scheduled annually.

Crack Sealing

When asphalt begins to crack, water can enter the base or sub-base weakening the structural integrity of the pavement section. Crack sealing will prevent the water form effecting the base and sub-base. It should, when the need is evident, precede other maintenance procedures.

Overlay

When asphalt concrete streets show signs of surface deterioration, such as alligator cracking, rutting, or "shoving", an asphalt concrete overlay of 1½ to 2½ inches in thickness may be appropriate. Prior to application of an overlay, crack filling, pothole filling, cold planing, and general patching should occur. The procedure is relatively costly, but is cost effective when warranted. Overlays are most economical when several streets are done at one time. The life expectancy of an asphalt concrete overlay can be expected to vary from eight to twelve years. For Lemoore the recommended overlay thicknesses range from 2 inches for local streets to 2½ inches for collector and arterial streets. Milling next to gutters, adjacent to other pavement, and as required to remove excessive surface irregularities, should be done to prevent the "bump" that would otherwise occur.

Recycle, or Slurry Seal or Fabric, plus Overlay

Where asphalt pavement failure is beginning to occur to the extent that an asphalt overlay could be insufficient to correct the discrepancy, (i.e. extensive alligator cracking and/or rutting), an overlay preceded by recycle treatment of existing asphalt, or the pre-overlay application of a slurry seal or a fabric may be the most cost effective solutions. Recycling of in-place pavement is accomplished by scarifying existing pavement, adding rejuvenating agents, and rolling existing pavement to a smooth surface. When slurry seal or fabric (Petromat® or GLASGRID®) are used, the surface is prepared, the slurry seal or fabric is placed, and the asphalt overlay is applied. Either of these two enhancements provides resistance to reflexive cracking and other problems associated with directly overlaying pavement having an advanced level of deterioration. Slurry seal applied at an average thickness of 1/8 to 1/4 of an inch, depending on the irregularities in the pavement surfaces, may be used prior to overlays when cracking is deemed too significant for fabric usage.

Slurry Seal

The procedure for applying slurry seal involves application with a pugmill and careful correspondence with Section 37 of Caltrans Standard Specifications. A limited period of traffic prohibition is involved. A slurry seal does not add structure to the pavement surface. The procedure is relatively economical; it may sometimes be used to extend pavement life even when an overlay or reconstruction might be appropriate were sufficient funding available. It has the disadvantages of not correcting any underlying pavement deficiencies and of preventing subsequent use of Reclamite treatment. The usual life cycle of a slurry seal is three to five years. The process should not normally be used on roads with significant surface irregularities; it will not correct them.

Reclamite

Reclamite is a light application of a surface-penetration asphalt emulsion to the surface of an aged (oxidized) pavement surface. It is low-cost. The asphalt emulsion is sprayed on the pavement surface. Sand is applied to absorb excess oil and to prevent pickup by traffic. A timely Reclamite application can stop raveling and retard oxidation for 1 to 3 years, when it will be time to reapply another surface treatment.

Reclamite is generally applied to pavements displaying low severity weathering or raveling, and used only where the existing surface is sufficiently porous to absorb the emulsion. It cannot be used on streets which have been slurry sealed; a fog seal must be substituted.

Appendix A
Distress "Definitions"

1. Alligator Cracking – Alligator or fatigue cracking is a series of interconnecting cracks caused by fatigue failure of the asphalt concrete surface under repeated traffic loading. Cracking begins at the bottom of the asphalt surface (or stabilized base) where tensile stress and strain are highest under a wheel load. The cracks propagate to the surface initially as a series of parallel longitudinal cracks. After repeated traffic loading, the cracks connect, forming many-sided, sharp-angled pieces that develop a pattern resembling chicken wire or the skin of an alligator. The pieces are generally less than 2 feet on the longest side. Alligator cracking occurs only in areas subjected to repeated traffic loading, such as wheel paths. Therefore, it would not occur over an entire area unless the entire area were subjected to traffic loading. Note: Pattern-type cracking that occurs over an entire area NOT subjected to loading is called "Block Cracking", which is not a load-associated distress. Alligator cracking is considered a major structural distress and is usually accompanied by rutting.

2. Bleeding and pumping – A film of bituminous material on the pavement surface that create a shiny, glasslike surface that usually becomes quite sticky. Bleeding is caused by excessive asphalt in the mix, excess application of bituminous sealant, and/or low air void content.

3. Blocking and Cracking – Block cracks are interconnected cracks that divide the pavement into approximately rectangular pieces. The blocks may range in size from approximately 1' x 1' to 10' x 10'. Block cracking is caused mainly by shrinkage of the asphalt concrete and daily temperature cycling. It is NOT load-associated. Block cracking normally occurs over a large portion of the pavement area, but sometimes will occur only in non-traffic areas. This type of distress differs from "Alligator Cracking" in that alligator cracks form smaller, many sided pieces with sharp angles. Also, unlike block, alligator cracks are caused by repeated traffic loadings, and are therefore found only in traffic areas (i.e. wheel paths).

4. Bumps and Sags – Bumps are small localized, upward displacements of the pavement surface. They are different from "Shoves" in that shoves are caused by unstable pavement. Bumps, on the other hand, are caused by excessive material in a crack in combination with traffic loading (sometimes called "Tenting"). Sags are small, abrupt, downward displacements of the pavement surface.

5. Corrugation – Series of closely spaced ridges and valleys (ripples) occurring at fairly regular intervals, usually less than 10', and perpendicular to the direction of traffic. This type of distress is usually caused by traffic action combined with unstable pavement surface or base. If bumps occur in a series of less than 10', due to any cause, the distress is still considered corrugation.

6. Depression – Localized pavement surface areas with elevations slightly lower than that of the surrounding pavement. In many instances, light depressions are not noticeable until

after a rain, when ponding of water exists on dry pavement; depressions can be spotted by looking for stains caused by ponding water. Depressions are created by settlement of the foundation soil or are a result of improper construction. Depressions cause some roughness, and when deep enough to fill with water, can cause hydroplaning. Sags, unlike depressions, are abrupt drops in elevation.

7. Edge Cracking – Applies only to pavements with unpaved shoulders. Crescent-shaped cracks or fairly continuous cracks which intersect the pavement edge and are located within 2 feet of the pavement edge, adjacent to the shoulder. Includes longitudinal cracks outside the wheel path and within 2 feet of the pavement edge. The area between the crack and pavement edge is classified as raveled if it breaks up (sometimes to the extent that pieces are removed).

8. Lane/Shoulder Drop off – Is a difference in elevation between the traveled surface and the outside shoulder. Typically occurs when the outside shoulder settles as a result of pavement layer material differences, but could also be caused by shoulder erosion or by building up of the roadway without adjusting the shoulder level.

9. Longitudinal and Transverse Cracking – Longitudinal cracks are parallel to the pavement's centerline or laydown direction. They may be caused by:
   a) A poorly constructed paving lane joint.
   b) Shrinkage of the AC surface due to low temperatures or hardening of the asphalt and/or daily temperature cycling.
   c) Cracking beneath the surface course.

   Transverse cracks extend across the pavement at approximately right angles to the pavement centerline or direction of laydown. These types of cracks are not usually load-associated.

10. Patching – A patch is an area of pavement that has been replaced with new material to repair the existing pavement. A patch is considered a defect no matter how well it is performing (a patched area or adjacent area usually does not perform as well as an original pavement section). Generally, some roughness is associated with this distress.

11. Polished Aggregate – This distress is caused by repeated traffic applications. When the aggregate in the surface becomes smooth to the touch, adhesion with vehicle tires is considerably reduced. When the portion of aggregate extending above the surface is small, the pavement texture does not significantly contribute to reducing vehicle speed. Polished aggregate should be counted when close examination reveals that the aggregate extending above the asphalt is negligible, and the surface aggregate is smooth to touch.

12. Potholes – Potholes are small, usually less than 3 feet in diameter, bowl-shaped depressions in the pavement surface. They generally have sharp edges and vertical sides near the top of the hole. Their growth is accelerated by free moisture collection inside the hole. Potholes are produced when traffic abrades small pieces of the pavement surface. The pavement then continues to disintegrate because of poor surface mixtures,

weak spots in the base or subgrade, or because it has reached a condition of high-severity "Fatigue (alligator) Cracking". Potholes most often are structurally related distresses and should not be confused with Raveling and Weathering". When holes are created by high-severity "Fatigue (alligator) Cracking", they should be identified as potholes, not weathering.

13. Railroad Crossing – Railroad crossing defects are depressions or bumps around and/or between tracks.

14. Rutting – A rut is a surface depression in the wheel paths. Pavement uplift may occur along sides of the rut, but, in many instances, ruts are noticeable only after a rainfall when the paths are filled with water. Rutting stems from a permanent deformation in any of the pavement layers or subgrades, usually caused by consolidated or lateral movement of the materials due to traffic load. Significant rutting can lead to major structural failure of the pavement.

15. Slippage Cracking – Slippage cracks are crescent or half-moon shaped cracks. They are produced when braking or turning wheels cause the pavement surface slide or deform. This distress usually occurs when there is a low-strength surface mix or poor bond between the surface and the next layer of the pavement structure.

16. Swell – Swell is characterized by an upward bulge in the pavement's surface, a long, gradual wave more than 10 feet long. Swelling can be accompanied by surface cracking. This distress is usually caused by swelling subsoil.

17. Weathering and Raveling – Weathering and raveling are the wearing away of the pavement surface due to a loss of asphalt or tar binder and dislodged aggregate particles. These distresses indicate that either the asphalt binder has hardened appreciably or that a poor-quality mixture is present. In addition, raveling may be caused by certain types of traffic, e.g., tracked vehicles. Softening of the surface and dislodging of the aggregates due to oil spillage are also included under raveling.

ATTACHMENT F

PFMD ZONES 2, 3 AND 4

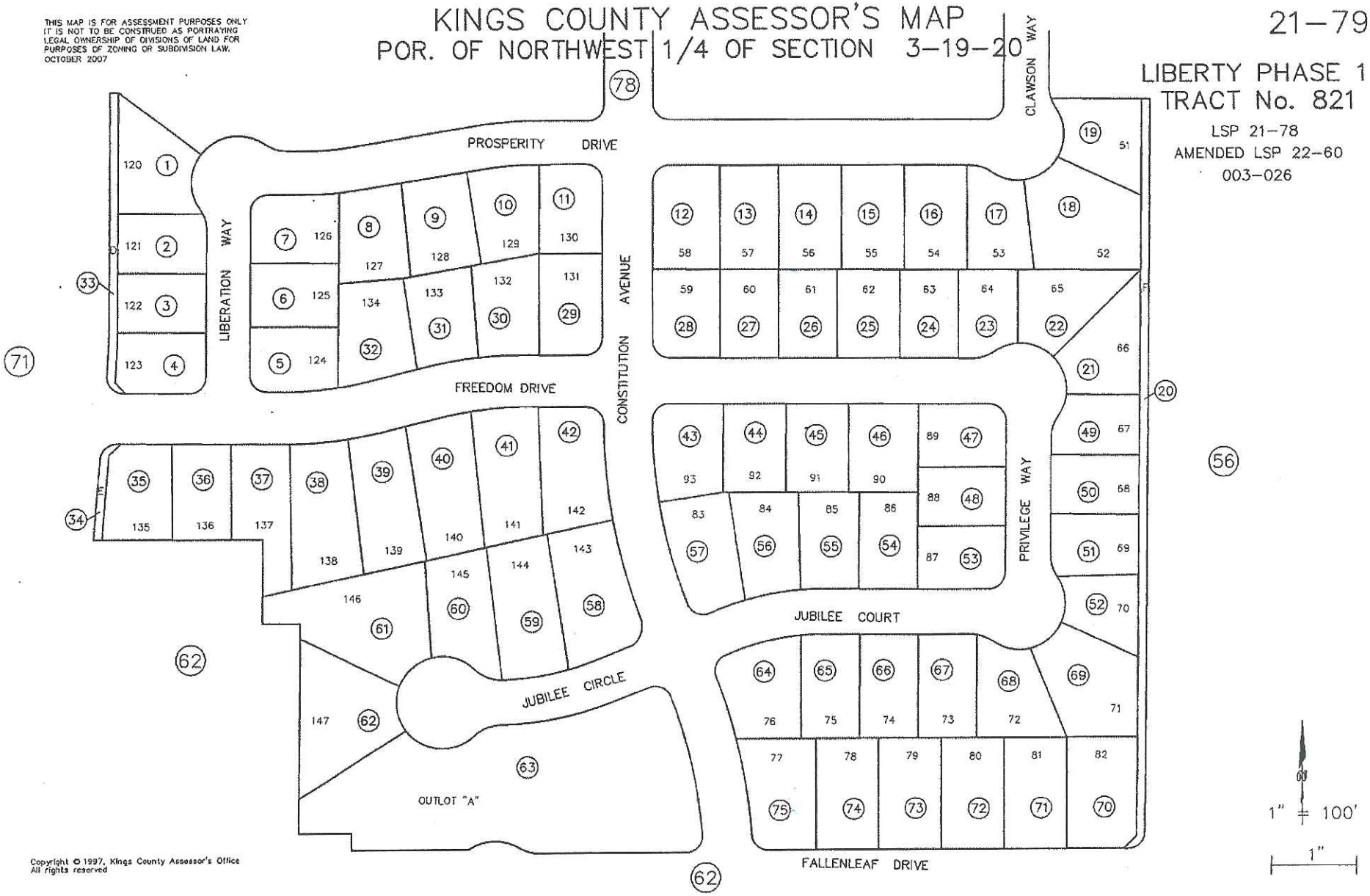
THIS MAP IS FOR ASSESSMENT PURPOSES ONLY
IT IS NOT TO BE CONSTRUED AS PORTRAYING
LEGAL OWNERSHIP OF DIVISIONS OF LAND FOR
PURPOSES OF ZONING OR SUBDIVISION LAW.
OCTOBER 2007

KINGS COUNTY ASSESSOR'S MAP
POR. OF NORTHWEST 1/4 OF SECTION 3-19-20

21-79

LIBERTY PHASE 1
TRACT No. 821

LSP 21-78
AMENDED LSP 22-60
003-026



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Zone 2

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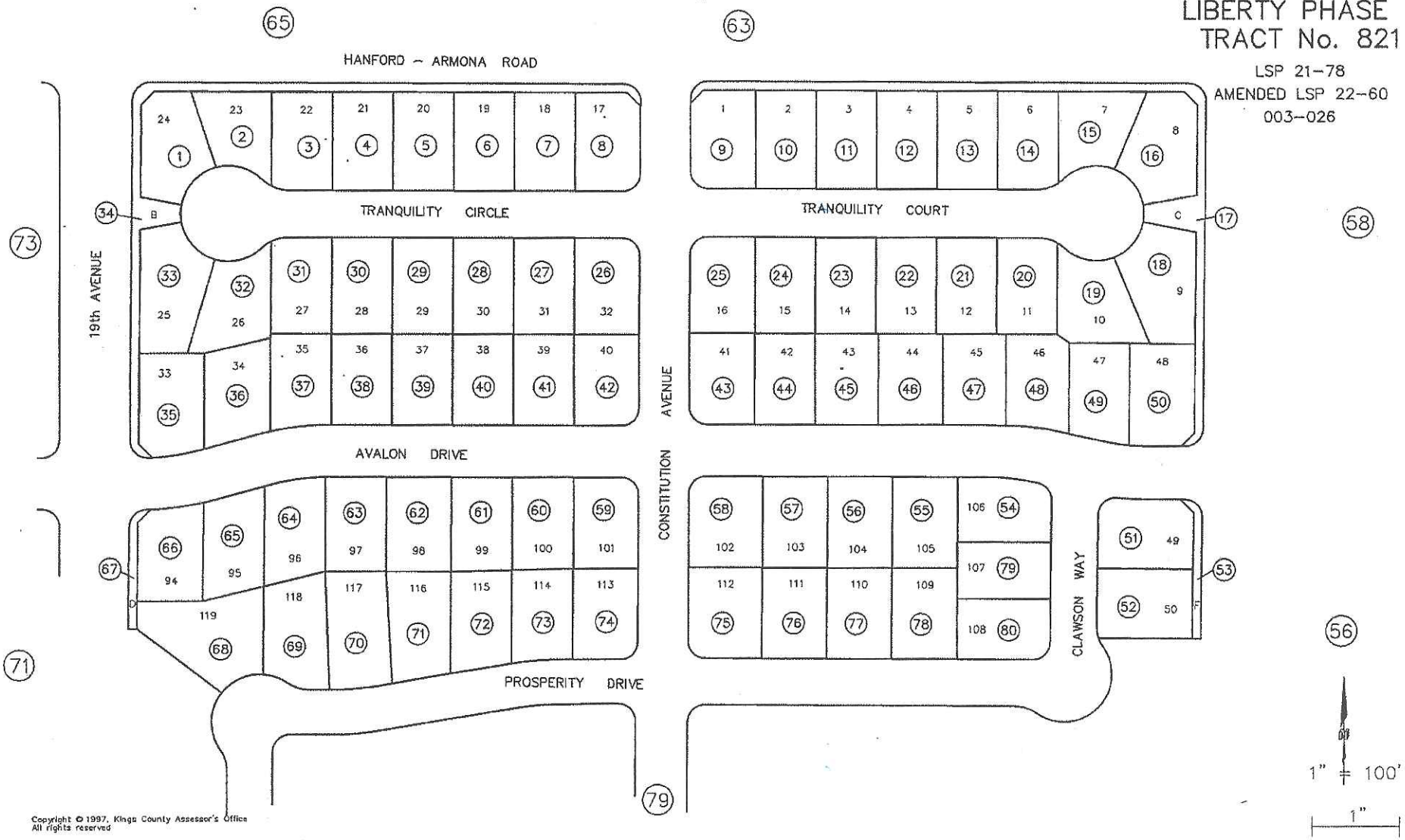
PURPOSES OF ZONING OR SUBDIVISION LAW.
OCTOBER 2007

KINGS COUNTY ASSESSOR'S MAP
POR. OF NORTHWEST 1/4 OF SECTION 3-19-20

21-78

LIBERTY PHASE I
TRACT No. 821

LSP 21-78
AMENDED LSP 22-60
003-026



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Zone 2

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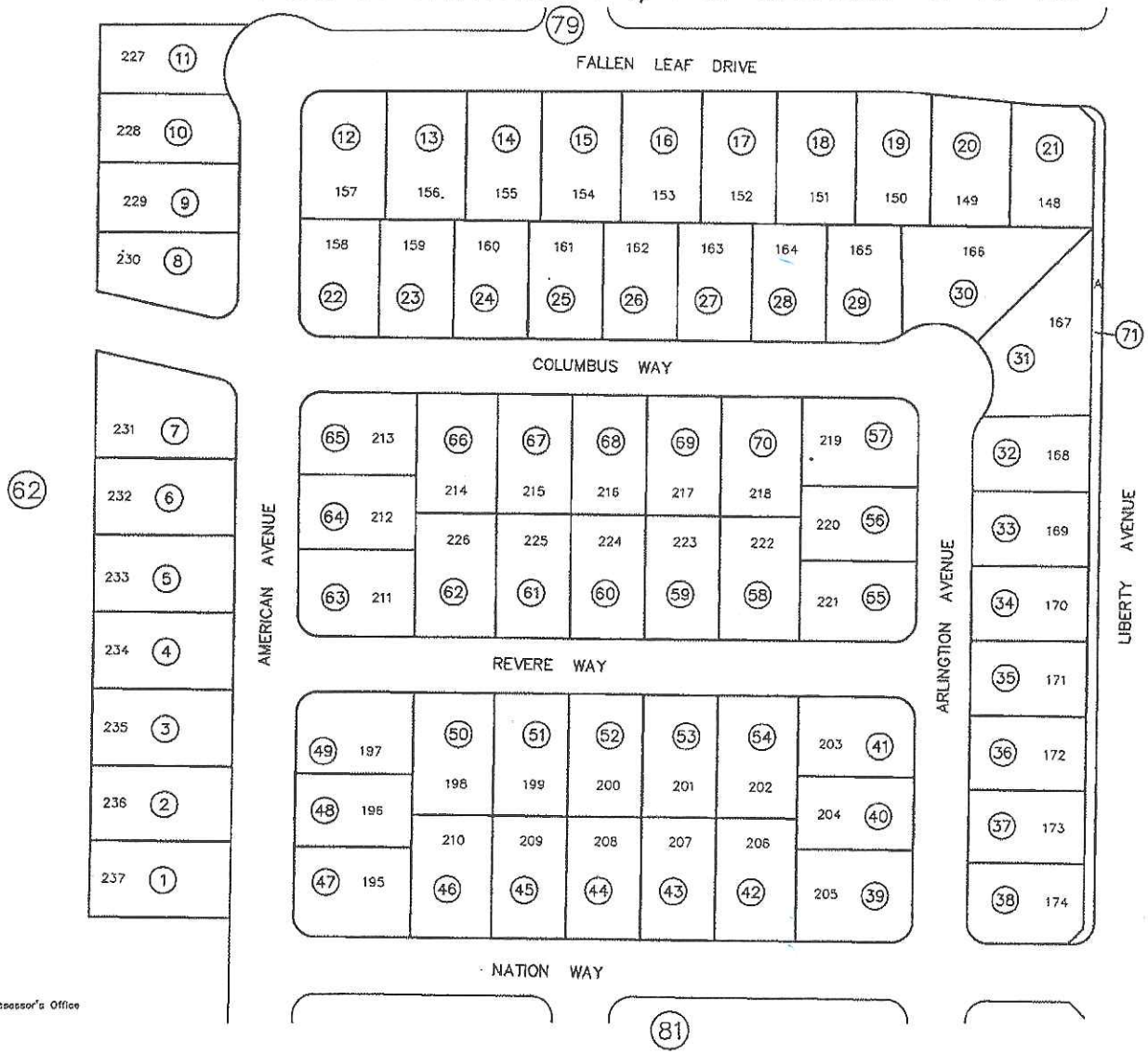
PURPOSES OF ZONING OR SUBDIVISION LAW.
JULY 2006

KINGS COUNTY ASSESSOR'S MAP
POR. OF NORTHWEST 1/4 OF SECTION 3-19-20

21-80

LIBERTY PHASE II
TRACT No. 821

LSP 21-87
003-026



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Zone 2

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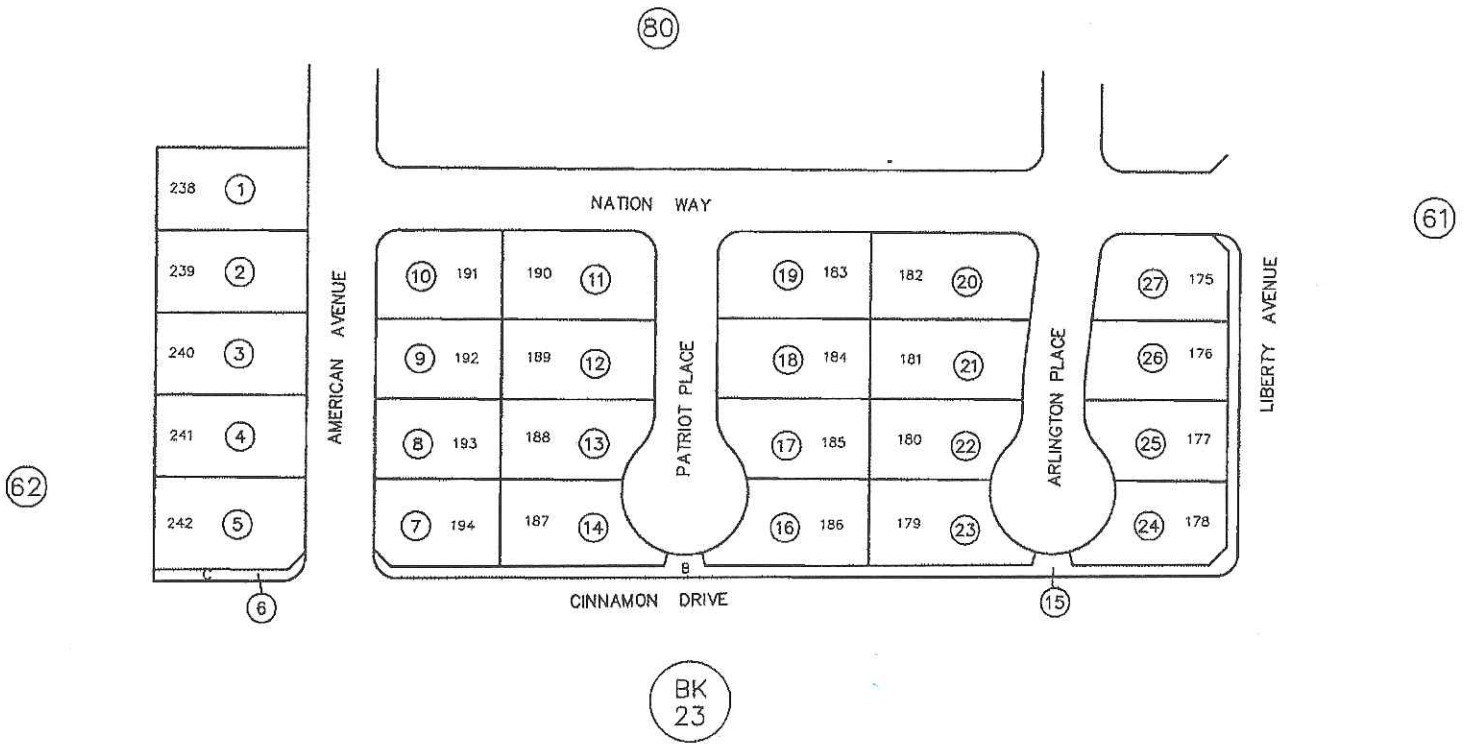
LEGAL OWNERSHIP OF DIVISIONS OF LAND FOR
PURPOSES OF ZONING OR SUBDIVISION LAW.
JULY 2006

KINGS COUNTY ASSESSOR'S MAP
POR. OF NORTHWEST 1/4 OF SECTION 3-19-20
LIBERTY PHASE II
TRACT No. 821

21-81

LSP 21-87
003-026



1" = 100'

1"

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Zone 2

Zone 3

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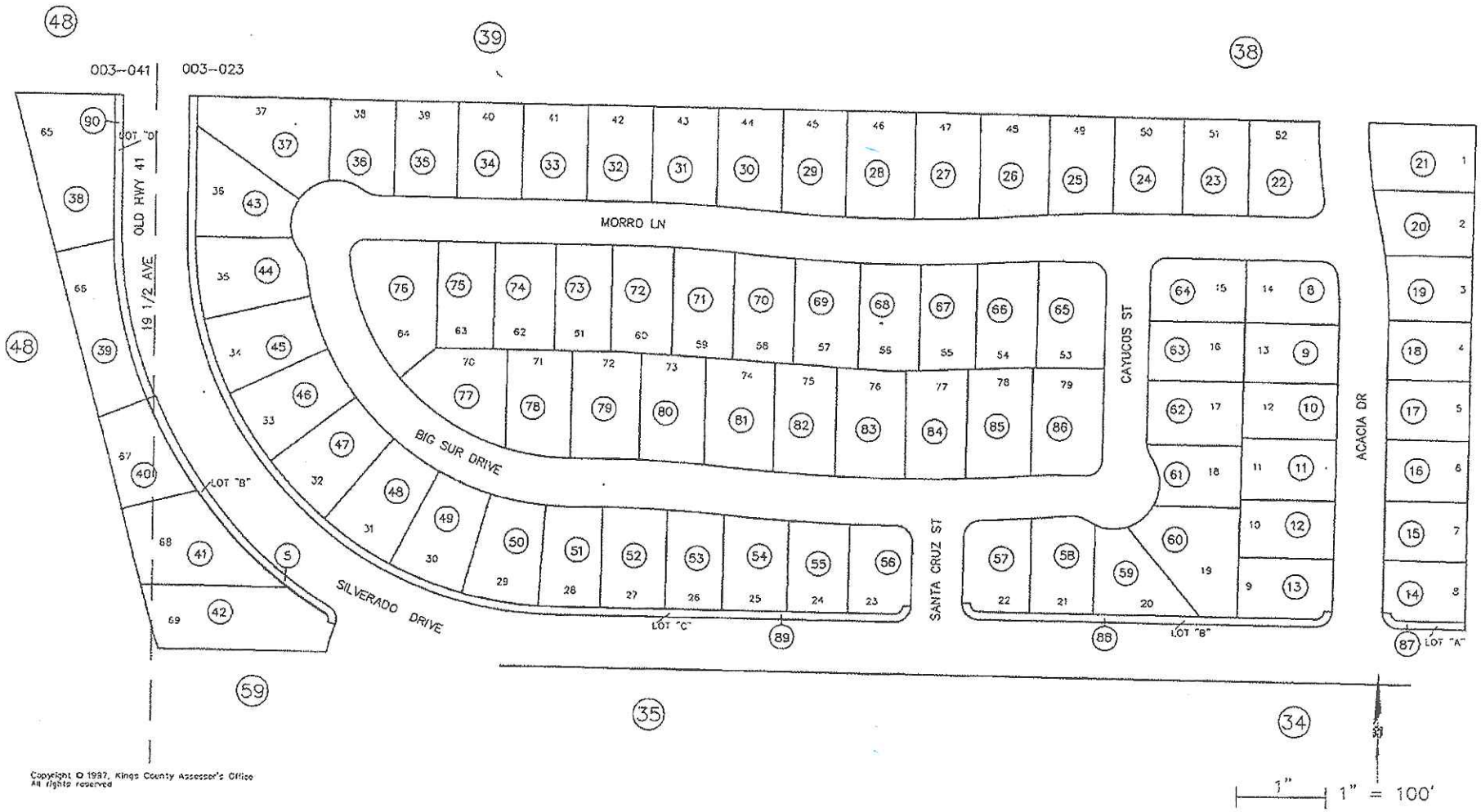
LEGAL OWNERSHIP OF DIVISIONS OF LAND FOR
PURPOSES OF ZONING OR SUBDIVISION LAW.
AUGUST 2005

KINGS COUNTY ASSESSOR'S MAP
POR. SE 1/4 SEC. 9-19-20
SILVA ESTATES UNIT 10 TRACT 838

23-36



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Zone 4

KINGS COUNTY ASSESSOR'S MAP

21-26

PORTION SEC. 2-19-20
PARKVIEW ESTATES
TRACT NO 797 LSP 21-50

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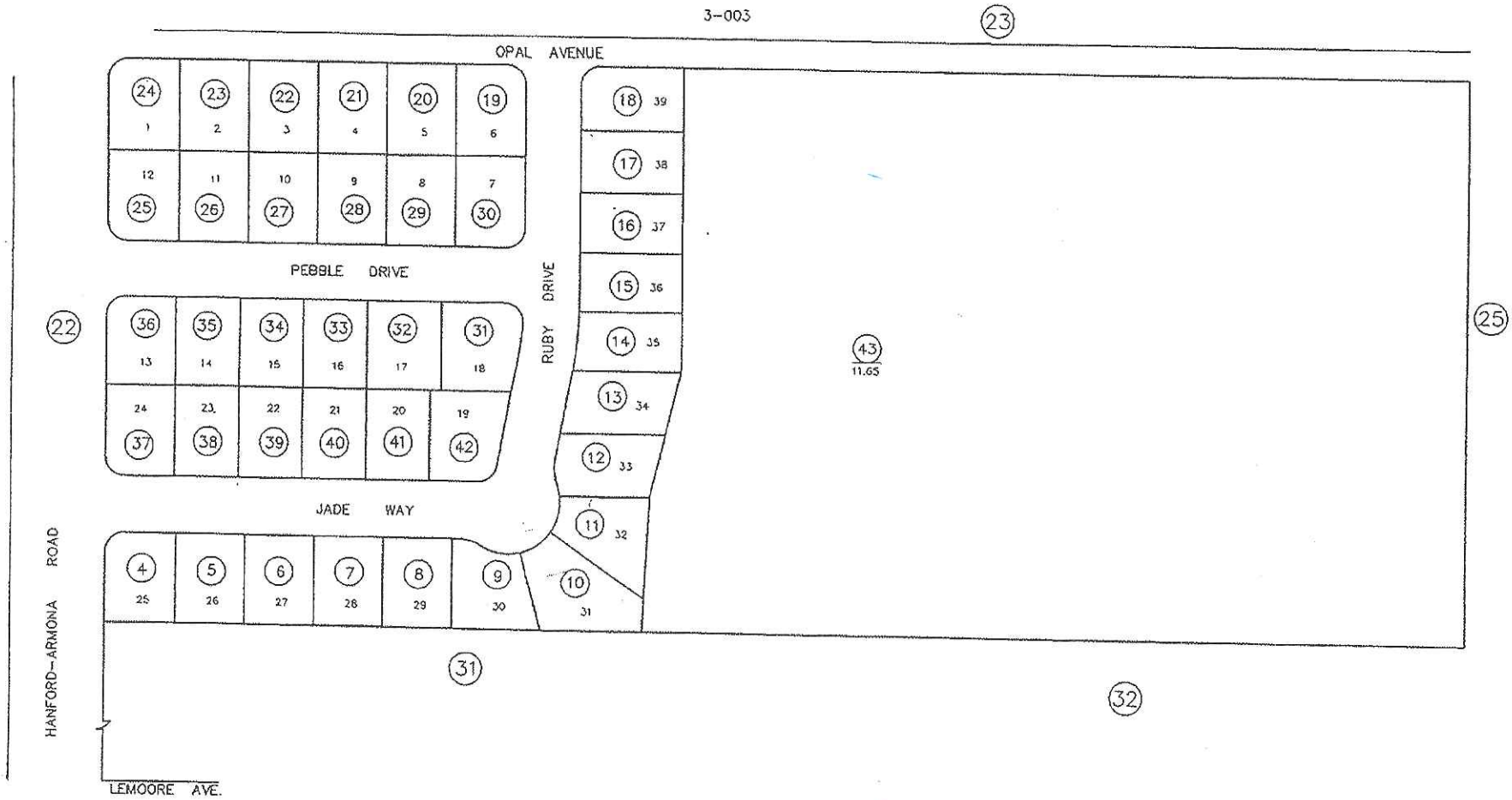

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1" = 100'

Engineering / Surveying

Planning

Landscape Architecture

Biology

Land Development

5110 West Cypress Avenue
Visalia, California 93277
(559) 733-0440

735 Sunrise Avenue, Suite 100
Roseville, California 95661
(916) 784-7823

6051 North Fresno Street, Suite 200
Fresno, California 93710
(559) 449-2400

5080 California Avenue, Suite 220
Bakersfield, California 93309
(661) 616-2600

Quad Knopf

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 1
2014 / 2015 Street Reclamite Projects

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Reclamite (asphalt emulsion of surface) Extends life 1-3 years
2014- PFMD Zone 2 is funded separately at $56,290
2015- PFMD Zones 3 & 4 are funded separately at $24,480

GENERAL LOCATION:

Various Streets

COMPLETION DATES:

A. Engineering: Winter 2014
Winter 2015

B. Acquisition:

C. Construction: Late Spring 2014
Late Spring 2015

FUNDING SOURCE:

Project Cost Estimates	2014	2015	2013 - 2015	2015 - 2017	2017 - 2019	2019 & Beyond	Totals
A. Engineering:	23,000	23,000	$ 46,000				
B. Acquisition:							
C. Construction:	114,300	114,300	$ 228,600				
TOTAL:			**$ 274,600**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 2
2014 Street Overlay Capping

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Overlay of streets; Petromat installation where necessary. 15-20 year life
2014- Bush Street from Lemoore Ave. to 19th Ave. Cost is projected at $559,900
2015- "G" St; Fox St to Hill St; Larish St; Follet St to Lemoore Ave; Cinnamon Dr; Lemoore Ave to Balboa Pl; Club

GENERAL LOCATION:

Various Streets

COMPLETION DATES:

A. Engineering: Winter 2014
Winter 2015

B. Acquisition:

C. Construction: Late Spring 2014
Late Spring 2015

FUNDING SOURCE:

Project Cost Estimates	2014	2015	2013 - 2015	2015 - 2017	2017 - 2019	2019 & Beyond	Totals
A. Engineering:	$ 25,000.00	$ 14,000.00	$ 39,000				
B. Acquisition:							
C. Construction:	$ 534,900.00	$ 382,000.00	$ 916,900				
	TOTAL:		**$ 955,900**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 3
2014 / 2015 Slurry Seal Projects

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Slurry Seal (surface treatment without correcting any pavement issues) May extend lifespan 3-5 years

GENERAL LOCATION:

Various Streets

COMPLETION DATES:

A. Engineering: Winter 2014
Winter 2015

B. Acquisition:

C. Construction: Late Spring 2014
Late Spring 2015

FUNDING SOURCE:

Project Cost Estimates	2014	2015	2013 - 2015	2015 - 2017	2017 - 2019	2019 & Beyond	Totals
A. Engineering:	$ 14,000.00	$ 14,000.00	$ 28,000				
B. Acquisition:							
C. Construction:	$ 95,600.00	$ 95,600.00	$ 191,200				
	TOTAL:		**$ 219,200**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 4
2014 / 2015 Reconstruction

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Reconstruction of major streets
2014- Bush St from 19th Ave to 19 1/2 Ave
2015- Lemoore Ave from Bush St to Hwy 198

GENERAL LOCATION:

Various Streets

COMPLETION DATES:

A. Engineering: Winter 2014
Winter 2015

B. Acquisition:

C. Construction: Late Spring 2014
Late Spring 2015

FUNDING SOURCE:

Project Cost Estimates	2014	2015	2013 - 2015	2015 - 2017	2017 - 2019	2019 & Beyond	Totals
A. Engineering:	$ 30,000.00	$ 30,000.00	$ 60,000				
B. Acquisition:							
C. Construction:	$ 670,000.00	$ 586,300.00	$ 1,256,300				
	TOTAL:		**$ 1,316,300**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 5
2014 / 2015 Misc. Street Related Expenses

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Misc. Street CIP Expenditures: such as costs associated with the planning of future budget requests, etc.
Crack Filling: Used to prevent weakening of the sub-base and structural integrity of the pavement
2014- Where identified
2015- Where identified

GENERAL LOCATION:

Various Streets

COMPLETION DATES:

A. Engineering: Winter 2014
Winter 2015

B. Acquisition:

C. Construction: Summer 2014
Summer 2015

FUNDING SOURCE:

Project Cost Estimates	2014	2015	2013 - 2015	2015 - 2017	2017 - 2019	2019 & Beyond	Totals
A. Engineering:							
B. Acquisition:							
C. Construction:	$ 50,000.00	$ 50,000.00	$ 100,000				
TOTAL:			**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 9
CMC Underground Canal - Add Sidewalks, Curb & Gutter

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Underground the Dockstetter Ditch; widen Cinnamon Dr. curb, gutter, sidewalks, streelights, landscape and paving to the property frontage of 711 W. Cinnamon Dr. Tie in to Sewer Lines and Parking Lot Addition.

GENERAL LOCATION:

CMC Public Works-Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: June-15

FUNDING SOURCE:

TE / CMAQ $300,000 Gas Tax / LTF $350,000

Project Cost Estimates	2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:	$ 15,000				$ 15,000
B. Acquisition:	$ 10,000				$ 10,000
C. Construction:	$ 625,000				$ 625,000
					$ -
TOTAL:	**$ 650,000**	**$ -**	**$ -**	**$ -**	**$ 650,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 10
19 1/2 Ave Sidewalks West Side

DEPARTMENT:
Maintenance

TYPE:
Streets

PROJECT DESCRIPTION:

Install sidewalk on the West side of 19 1/2 Ave from Bush St to Cinnamon Dr
Work in conjunction with Grove Apts on 19 1/2 Ave

GENERAL LOCATION:

CMC Public Works-Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering: B. Acquisition: C. Construction: June-15

FUNDING SOURCE:

CMAQ Funds $340,000 Developer $35,000

Project Cost Estimates	2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:	$ 50,000				$ 50,000
B. Acquisition:	$ 25,000				$ 25,000
C. Construction:	$ 300,000				$ 300,000
					$ -
TOTAL:	**$ 375,000**	**$ -**	**$ -**	**$ -**	**$ 375,000**

Parks and Buildings Projects

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CAPITAL IMPROVEMENT PROGRAM PROJECT

Funds: 066, 068, 074, 074B, 074C, 075 and General Fund Asset Replacement (Maintenance Division & Recreation)
Function: Capital Improvements

Activity: Buildings and Parks
Activity No.: 4730

	C.I.P. Description/Project No.	Fund No.	Dept No.	Project Cost	Carry Over Project Expended as of 6/30/13	2013-2015	2015-2017	2017-2019	2019 & Beyond
C/O 8	Commercial Kitchen - CMC 711 W. Cinnamon	074C	New	$ 88,000		$ 88,000			
C/O 9	Planning/Public Works/Rec Office Space PH 1 & 2	068	4714B	$ 602,000	$ 383,751	$ 218,249			
C/O 10	Exterior Painting - Train Depot	001 A/R	4220	$ 50,000		$ 50,000			
C/O 11	Replace Metal Roof - Northside Fire Station	001 A/R	4220	$ 60,000		$ 60,000			
1	Bathroom Renovation - City Park	075	New	$ 22,000		$ 22,000			
2	2 Drinking Fountains (ADA Compliant) - Heritage Park	074	New	$ 8,700		$ 8,700			
3	Concession Stand - 19th Avenue Park	075	New	$ 15,000		$ 15,000			
4	Insulation & HVAC - From Day Camp Room North to Hall - CMC 711 W. Cinnamon	074	New	$ 110,000		$ 110,000			
5	Flooring - Day Camp Room & Proposed Kitchen Room - CMC 711 W. Cinnamon	074	New	$ 9,000		$ 9,000			
6	Complete Public Works / Rec Office Space PH 3 - CMC 711 W. Cinnamon	074	New	$ 122,100		$ 122,100			
7	Purchase & Installation (3) Big Fans - CMC 711 W. Cinnamon	074	New	$ 26,500		$ 26,500			
8	Warehouse Improvements - Storage, Lighting, Parking - CMC 711 W. Cinnamon	068	New	$ 33,000		$ 33,000			
9	Sewer Lines from Facility to Cinnamon Drive - CMC 711 W. Cinnamon	075	New	$ 43,000		$ 43,000			
10	Warehouse Break Room Floor - CMC 711 W. Cinnamon	001 A/R	New 4220	$ 13,200		$ 13,200			
11	Strip & Resurface Two Basketball Courts - CMC 711 W. Cinnamon	001 A/R	New 4220	$ 17,000		$ 17,000			
12	Re-Roof and Replace Flashing - Fire Station 210 Fox St	001 A/R	New 4220	$ 36,000		$ 36,000			
	TOTAL			**$ 1,255,500**	**$ 383,751**	**$ 871,749**	**$ -**	**$ -**	**$ -**

Funds: 066, 068, 074, 074B, 074C, 075 and General Fund Asset Replacement (Maintenance Division & Recreation)
Function: Capital Improvements

Activity: Buildings and Parks
Activity No.: 4730

	C.I.P. Description/Project No.	Fund No.	Dept No.	Project Cost	Carry Over Project Expended 6/30/2013	2013-2015	2015-2017	2017-2019	2019 & Beyond
13	Police Dispatch Center - Police Department	066 +	4712A	$ 930,000		$ 930,000			
14	Maintenance Upgrades - City Hall/Council Chambers	001 A/R	New 4220	$ 17,500		$ 17,500			
15	Civic Auditorium Maintenance Upgrades - Civic / Conference Room	001 A/R	New 4220	$ 24,700		$ 24,700			
16	Flooring Upgrade - Veteran Hall / Teen Center	001 A/R	New 4220	$ 16,000		$ 16,000			
C/O 2	Develop Master Plan & Install Irrigation & Landscaping - Bevilaqua Park	074B	New	$ 420,000					$ 420,000
C/O 6	Replace Main Water Line Pipes - CMC 711 W. Cinnamon	075	4775A	$ 75,000			$ 75,000		
	Develop Unused Spaces on West side of Rec Center - CMC 711 W Cinnamon	074	New	$ 70,000			$ 70,000		
	Install Bathroom w/ Storage at Depot Arbor Outbuilding - Train Depot	074B	New	$ 90,000				$ 90,000	
	TOTAL			**$ 1,643,200**	**$ -**	**$ 988,200**	**$ 145,000**	**$ 90,000**	**$ 420,000**
	GRAND TOTAL			**$ 2,898,700**	**$ 383,751**	**$ 1,859,949**	**$ 145,000**	**$ 90,000**	**$ 420,000**
					CIP Related Funding	**$ 1,625,549**			
			Other Funding: General Fund Asset Replacement			**$ 234,400**	**Estimated Balance 6-30-14 $939,034**		

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O 8
Commercial Kitchen CMC Rec Center

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Install commercial kitchen at the CMC Recreation Center.

GENERAL LOCATION:

CMC Rec Center - Old Youth Room - West Side - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: June-14

FUNDING SOURCE:
Community/Recreation Facilities Fund 074C
Lemoore Rotary Contribution - $3,000 a year for 3 years

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 88,000				$ 88,000
TOTAL:	**$ 88,000**	**$ -**	**$ -**	**$ -**	**$ 88,000**

ROLL OVER

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O 9
Planning/Public Works/Recreation Office Space

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Additional Cost to complete project with additional required infrastructure, including ADA compliant entries and amenities.
Build / Expand New Offices into wharehouse area; Remodel existing office space at CMC Rec Center - 711 W. Cinnamon

GENERAL LOCATION:

CMC Planning / Public Works / Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: February-14

FUNDING SOURCE:

General Municipal Facilities Fund 068

Project Cost Estimates			2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:							
B. Acquisition:							
C. Construction:	Roll Over	$ 550,000	$ 550,000				$ 550,000
	Spent as of 6-30-13		$ (383,751)				
	Additional Cost	$ 52,000	$ 52,000				$ 52,000
	TOTAL:	$ 602,000.00	**$ 218,249**	**$ -**	**$ -**	**$ -**	**$ 602,000**

ROLL OVER - Project still under construction

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O 10
Train Depot Exterior Paint

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Pressure wash, scrape and prime where needed and apply a new coat of exterior paint.

GENERAL LOCATION:

300 E Street

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: June-14

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 50,000		$0.00		$ 50,000
TOTAL:	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ 50,000**

ROLL OVER

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O 11
Re-roof North Side Fire Station

DEPARTMENT:
Fire

TYPE:
Buildings

PROJECT DESCRIPTION:

Re-roof North side Fire Station with metal roof - damage extensive beyond original estimate.

GENERAL LOCATION:

41 N. Cinnamon Dr.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: November-13

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates		2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:	Roll Over	$ 46,000				$ 46,000
	Additional Cost	$ 14,000				$ 14,000
TOTAL:		**$ 60,000**	**$ -**	**$ -**	**$ -**	**$ 60,000**

ROLL OVER AND REVISED

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 1
City Park - Bathroom Renovations

DEPARTMENT:
Parks

TYPE:
Parks

PROJECT DESCRIPTION:

Install new main water line and replace faucets, toilets & urinals in restrooms.

GENERAL LOCATION:

Corner of Fox and Bush Streets

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: May-14

FUNDING SOURCE:

Facility/Infrastructure Fund 075

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 22,000				
TOTAL:		$ -	$ -	$ -	$ -

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 2
Heritage Park - Drinking Fountains

DEPARTMENT:
Parks

TYPE:
Parks

PROJECT DESCRIPTION:

Install 2 ADA Compliant drinking fountains in the middle and rear sections of the Park.

GENERAL LOCATION:

551 E. Hanford-Armona Road

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: May-14

FUNDING SOURCE:

Parks & Recreation Capital Fund 074

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 8,700				$ 8,700
TOTAL:		**$ -**	**$ -**	**$ -**	**$ 8,700**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 3
19th Ave Park Improvements - Concession Stand

DEPARTMENT:
Parks

TYPE:
Parks

PROJECT DESCRIPTION:

Replace roll-up window, entry door and countertop at the Concession Stand.

GENERAL LOCATION:

19th Avenue at Hwy 198

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: January-14

FUNDING SOURCE:

Facility/Infrastructure Fund 075

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 15,000				
TOTAL:		$ -	$ -	$ -	$ -

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 4
Insulation & HVAC

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Insulate and air condition the Day Camp Room; the Old Youth room/Proposed Future Kitchen Area; and Storage room

GENERAL LOCATION:

CMC Rec Center - Day Camp room, Future Kitchen and Storage room behind restrooms - West Side 711 W. Cinnamon Dr.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: February-14

FUNDING SOURCE:

Parks & Recreation Capital Fund 074

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:	$ 10,500				
B. Acquisition:					
C. Construction:	$ 99,500	$ -			$ 99,500
TOTAL:	**$ 110,000**	**$ -**	**$ -**	**$ -**	**$ 99,500**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 5
Flooring Day Camp Room & Proposed Kitchen

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Demolish, prep, install VCT Flooring in Proposed Kitchen and part of Day Camp Room. Children's rest area to be provided with carpet and padding.

GENERAL LOCATION:

CMC Rec Center - Day Camp Room & Old Youth Room - West Side - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: May-14

FUNDING SOURCE:

Parks & Recreation Capital Fund 074

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 8,800				$ 8,800
TOTAL:	**$ 8,800**	**$ -**	**$ -**	**$ -**	**$ 8,800**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 6
CMC Public Works/Recreation Office Space PH 3

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Phase 3
Additional Cost to complete project with additional required infrastructure, including ADA compliant entrys and amenities.
Remodel existing office space at CMC Rec Center - 711 W. Cinnamon Dr.

GENERAL LOCATION:

CMC Public Works-Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: February-14

FUNDING SOURCE:

Parks & Recreation Capital Fund 074

Project Cost Estimates	2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 122,100				$ 122,100
					$ -
TOTAL:	**$ 122,100**	**$ -**	**$ -**	**$ -**	**$ 122,100**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 7
Additional Fans

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Install three (3)aAdditional Big Ass Fans at the CMC Rec Center.

GENERAL LOCATION:

CMC Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: October-13

FUNDING SOURCE:

Parks & Recreation Capital Fund 074

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 26,500				$ 26,500
TOTAL:	**$ 26,500**	**$ -**	**$ -**	**$ -**	**$ 26,500**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 8
CMC Warehouse Space Improvements

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Build additional storage space for Rec Center; widen existing door; complete lighting update in the facility; improvements to indoor parking area.

GENERAL LOCATION:

CMC Public Works-Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: June-14

FUNDING SOURCE:

General Municipal Facilities Fund 068

Project Cost Estimates	2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 33,000				$ 33,000
					$ -
TOTAL:	**$ 33,000**	**$ -**	**$ -**	**$ -**	**$ 33,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 9
CMC Sewer Line Extension to Street

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Extend existing sewer lines (East & West ends) from facility to sewer mains on Cinnamon Drive.

GENERAL LOCATION:

CMC Public Works-Rec Center - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: June-15

FUNDING SOURCE:

Facility/Infrastructure Fund 075

Project Cost Estimates	2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 43,000				$ -
TOTAL:	**$ 43,000**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 10
CMC Warehouse Break Room Floor

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Remove existing flooring, prep and repair concrete as needed; install epoxy flooring

GENERAL LOCATION:

CMC Warehouse Break Room - 711 W. Cinnamon Dr.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: May-14

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 13,200				$ 13,200
TOTAL:	**$ 13,200**	**$ -**	**$ -**	**$ -**	**$ 13,200**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 11
CMC Resurface Basketball Courts

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Strip and prep two (2) basketball courts for resurfacing

GENERAL LOCATION:

CMC Indoor Basketball Courts - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: June-15

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013 - 2015	2015-2017	2017-2019	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 17,000				$ 17,000
TOTAL:	**$ 17,000**	**$ -**	**$ -**	**$ -**	**$ 17,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 12
Re-Roof 210 Fox St. Fire Station

DEPARTMENT:
Fire

TYPE:
Buildings

PROJECT DESCRIPTION:

Re-roof 210 Fox Street - with new Flashing.

GENERAL LOCATION:

210 FOX STREET FIRE DEPARTMENT

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: October-14

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 36,000				$ 36,000
TOTAL:	**$ 36,000**	**$ -**	**$ -**	**$ -**	**$ 36,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 13
Police Dispatch Center

DEPARTMENT:
Police

TYPE:
Buildings

PROJECT DESCRIPTION:

Remodel and construct area for Police Dispatch Center.

GENERAL LOCATION:

657 FOX STREET - POLICE STATION

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: October-14

FUNDING SOURCE:

Project Assigned to Law Enforcement Capital Fund 068 (other funds will be transferred from Traffic Safety, SLESF and Fire Protection).

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:	$ 120,000				$ 120,000
B. Acquisition:					
C. Construction:	$ 810,000				$ 810,000
TOTAL:	**$ 930,000**	**$ -**	**$ -**	**$ -**	**$ 930,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 14
City Hall Complex

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Paint the City Manager's Office & City Council Chamber's Hallway	$	5,700.00
Redo City Hall front entry steps.	$	2,300.00
Replace City Hall & Civic back entrance doors and City Council side door.	$	9,500.00

GENERAL LOCATION:

City Hall - City Council Chambers - Civic Auditorium - 119 Fox Street & 429 - 435 "C" Street

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: September-13

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:	$ -				
B. Acquisition:					
C. Construction:	$ 17,500				$ 17,500
TOTAL:	**$ 17,500**	**$ -**	**$ -**	**$ -**	**$ 17,500**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 15
Civic Auditorium Maintenance Upgrade

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Civic Conference Room paint and carpet	$	5,300.00
Civic Lobby Flooring - V-Tex tile into offices & paint	$	17,400.00
Redo entry steps	$	2,000.00

GENERAL LOCATION:

Civic Auditorium - 435 "C" Street

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: August-14

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:	$ -				
B. Acquisition:					
C. Construction:	$ 24,700				$ 24,700
TOTAL:	**$ 24,700**	**$ -**	**$ -**	**$ -**	**$ 24,700**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 16
Veteran's Hall / Teen Center Flooring

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Replace East and West side lobbies & back stairs, and Teen/Rental flooring with VCT Tile.

GENERAL LOCATION:

Veterans Hall - 411 W. "D" Street

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: August-14

FUNDING SOURCE:

General Fund Asset Replacement 001

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:	$ -				
B. Acquisition:					
C. Construction:	$ 16,000				$ 16,000
TOTAL:	**$ 16,000**	**$ -**	**$ -**	**$ -**	**$ 16,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O 2
Bevilaqua Park - Improvements

DEPARTMENT:
Parks

TYPE:
Parks

PROJECT DESCRIPTION:

Develop a Master Plan and Install Irrigation & Landscaping

GENERAL LOCATION:

Bevilaqua Park - Cedar Lane west of Acacia Drive.

COMPLETION DATES:

A. Engineering: Jun-19

B. Acquisition:

C. Construction: Unknown

FUNDING SOURCE:

Parks Improvements Capital Fund 074B

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:			$ 10,000	$ 10,000	$ 20,000
B. Acquisition:					
C. Construction:				$ 400,000	$ 400,000
TOTAL:		**$ -**	**$ 10,000**	**$ 410,000**	**$ 420,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O 6
CMC Replace Main Water Pipes

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Replace main water line pipes
Replace existing water pipes in building; add additional hose bibs to service solar panels.

GENERAL LOCATION:

CMC Building - 711 W. Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: December-17

FUNDING SOURCE:

Facility/Infrastructure Fund 075

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:			$75,000		$ 75,000
TOTAL:	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ 75,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O
CMC Westside Unused Spaces

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Complete the development of unused space on the West side of the CMC Rec Center - Additional Dance/Meeting/Rental/Office(s) Space; upgrades to Day Camp Room.

GENERAL LOCATION:

CMC Rec Center - Day Camp Room; Front Offices and Storage Room Behind Restrooms - West side of 711 W. Cinnamon Dr.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: February-14

FUNDING SOURCE:

Parks & Recreation Capital Fund 074

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:		$ 70,000			$ 70,000
TOTAL:	**$ -**	**$ 70,000**	**$ -**	**$ -**	**$ 70,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: C/O
Traing Depot Out Building

DEPARTMENT:
Maintenance

TYPE:
Buildings

PROJECT DESCRIPTION:

Install bathroom with storage room at Depot Arbor.

GENERAL LOCATION:

Outbuilding area on the Northeast portion Depot property.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: September-19

FUNDING SOURCE:

Parks Improvements Capital Fund 074B

Project Cost Estimates	2013-15	2015-17	2017-19	2019 & Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:				$ 90,000	$ 90,000
TOTAL:	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ 90,000**

Water Projects

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CAPITAL IMPROVEMENT PROGRAM PROJECT

Fund: Water Bond, Water Fund, Water Capital
Function: Capital Improvements

Activity: Water
Activity No.: 4750

	C.I.P. Description	Fund No.	Dept No	Carry Over Prev. CIP	Project Cost	2013-2015	2015-2017	2017-2019	2019 and Beyond
1	Water Line Reimbursements	070A	4650	Ongoing	$ 40,000	$ 20,000	$ 20,000		
2	Replace Main Electric Meter Box/Generator - 40 G Street	050 A/R	4250	$ 125,000	$ 125,000	$ 125,000			
3	Install Generator Receptacles - Wells No. 4 & 10	050	4250	$ 50,000	$ 80,000	$ 80,000			
4	Replace Bowls, Shaft and Column at Well No. 8	050 A/R	4250		$ 90,000	$ 90,000			
5	Rehabilitation of Wells No. 10 & 11								
	A. Well No. 11	050 A/R	4250	$ 50,000	$ 140,000	$ 140,000			
	B. Well No. 10	050 A/R	4250		$ 140,000		$ 140,000		
6	Repaint Water Tank exterior at West Hills site	050 A/R	4250		$ 50,000	$ 50,000			
7	Replace Four Booster Pumps at Booster Sites	050 A/R	4250		$ 100,000	$ 100,000			
8	By products Mediation (TTHM's and HAA5)	049	Loan		$ 800,000		$ 800,000		
9	Drill and install New Well on North Side	050	New		$ 1,500,000		$ 1,500,000		
10	Replace Bowls, Shaft and Column at Well No. 4	050 A/R	4250		$ 90,000		$ 90,000		
11	Install Water Line in Cedar Lane	070A	New		$ 175,000		$ 175,000		
12	Install Chlorine Monitoring & Data Logging Equipment	050	New		$ 95,000		$ 95,000		
	TOTAL			**$ 225,000**	**$ 3,425,000**	**$ 605,000**	**$ 2,820,000**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM PROJECT

Fund: Water Bond, Water Fund, Water Capital
Function:Capital Improvements

Activity: Water
Activity No.: 4750

	C.I.P. Description/Project No.	Fund No.	Dept No	Carry Over Prev. CIP	Project Cost	2013-2015	2015-2017	2017-2019	2019 and Beyond
13	Drill and Install New Well	070	New		$ 1,500,000		$ 1,500,000		
14	Replace Saddles/Service Lines - Mulberry, Cypress, Elm & Acacia	050 A/R	4250		$ 225,000			$ 225,000	
15	Replace Saddles/Service Lines - Elk Meadows Subdivision	050 A/R	4250		$ 880,000			$ 880,000	
16	Replace 6" Water Line in F and G Street Alleys	050 A/R	4250		$ 105,000			$ 105,000	
17	Replace 6" Water Line in Lombardy Lane	050 A/R	4250		$ 180,000			$ 180,000	
18	Replace 6" Water Line in Hamlet Street	050 A/R	4250		$ 103,500				$ 103,500
19	Replace 8" Water Line in Larish Street	050 A/R	4250		$ 120,250				$ 120,250
20	Replace 6" Water Line in 'C' and 'D' Street Alleys	050 A/R	4250		$ 170,500				$ 170,500
21	Replace 18" North Well Field Transmission Line into City	050 A/R	4250		$ 3,825,000				$ 3,825,000
22	Construct Second Storage Tank at Well No. 7	050 A/R	4250		$ 900,000		$ 900,000		
	TOTAL				**$ 8,009,250**	**$ -**	**$ 2,400,000**	**$1,390,000**	**$ 4,219,250**
	GRAND TOTAL			**$ 225,000**	**$11,434,250**	**$ 605,000**	**$ 5,220,000**	**$1,390,000**	**$ 4,219,250**
					CIP Related Funding	**$ 20,000**			
					Other Funding: Water Fund	**$ 80,000**	**Estimated Balance 6-30-14 ($167,366)**		
					Other Funding: Water Fund Asset Replacement	**$ 505,000**	**Estimated Balance 6-30-14 $588,334**		

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 1
Water Line Reimbursements

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Miscellaneous water line oversize reimbursements and line extension.

GENERAL LOCATION:

Various areas of City.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Distribution Impact Fees 070A

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 20,000	$ 20,000			$ 40,000
TOTAL:	**$ 20,000**	**$ 20,000**	**$ -**	**$ -**	**$ 40,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 2
Replace Main Electric Meter Box
and Generator

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace main electric meter box and double throw generator connecton.

GENERAL LOCATION:

40 G Street - Water storage and booster facility.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050/Solar Project

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:		$ 125,000				$ 125,000
TOTAL:		**$ 125,000**				**$ 125,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 3
Install Generator Receptacles Wells No. 4 and 10

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Install 400 amp generator receptacles on electrical panels.

GENERAL LOCATION:

Well No. 4 located in North well field and Well No. 10 located on Cinnamon Drive.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund 050/Solar Project

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:		$ 80,000				$ 80,000
TOTAL:		**$ 80,000**				**$ 80,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 4
Replace Bowls, Shaft and Column at Well No. 8

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace bowls, shaft and column at Well No. 8.

GENERAL LOCATION:

Well No. 8 located in Industrial Park

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:		$ 90,000				
TOTAL:		**$ 90,000**				**$ 90,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 5
Rehabilitation of Wells No. 10 and 11

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Pull well, video, acid wash, swab, treat, air lift and purge well. Perform final video and reinstall pump.

GENERAL LOCATION:

A. Well No. 11 located on Glendale Avenue
B. Well No. 10 located on Cinnamon Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:		$ 140,000	$ 140,000			$ 280,000
TOTAL:		**$ 140,000**	**$ 140,000**			**$ 280,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 6
Repaint Exterior of Water Tank at West Hills Site

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Repaint exterior of water tank at West Hills site.

GENERAL LOCATION:

2650 W. Bush Street

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:		$ 50,000				$ 50,000
TOTAL:		**$ 50,000**				**$ 50,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 7
Replace Four Booster Pumps at Booster Sites

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace booster pumps.

GENERAL LOCATION:

Well 7 - Booster No. 1; Well 11 - Booster No. 1 & 2; 40 G Street - Booster No. 6

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:		$ 100,000				$ 100,000
TOTAL:		**$ 100,000**	**$ -**			**$ 100,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 8
By-product Mediation (TTHM and HAA5)

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Future mediation study for total trihalomethane (TTHM).

GENERAL LOCATION:

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund /Department of Health Services Loan

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:			$ 800,000			$ 800,000
TOTAL:			**$ 800,000**			**$ 800,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 9
Drill and Install New Well on North Side

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Drill and install new well to pump into Well 11 tank site.

GENERAL LOCATION:

Lacey Boulevard

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:			$ 1,500,000			$ 1,500,000
TOTAL:			**$ 1,500,000**			**$ 1,500,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 10
Replace Bowls, Shaft and Column at Well No. 4

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace bowls, shaft and column at Well No. 4

GENERAL LOCATION:

North wellfield.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:			$ 90,000			$ 90,000
TOTAL:			**$ 90,000**			**$ 90,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 11
Install Water Line in Cedar Lane

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Install water line at Cedar Lane after construction.

GENERAL LOCATION:

Cedar Lane from Lemoore Avenue to Brooks Drive.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Impact Fees / Distribution Fund 070A

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						$ -
B. Acquisition:						
C. Construction:			$ 175,000			$ 175,000
TOTAL:			**$ 175,000**	**$ -**		**$ 175,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 12
Install Chlorine Monitoring & Data Equipment

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Install chlorine monitoring and data logging equipment at each hypochlorite site per new Ground Water Rule.

GENERAL LOCATION:

40 G Street, Wells No. 7, 10, 11 and 12

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:			$ 95,000			$ 95,000
TOTAL:			**$ 95,000**			**$ 95,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 13
Drill and Install New Well

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Drill and install new well.

GENERAL LOCATION:

Location to be determined.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Supply Capital Fund 070

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:			$ 1,500,000			$ 1,500,000
TOTAL:			**$ 1,500,000**			**$ 1,500,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 14
Replace Saddles & Service Lines at Mulberry, Cypress, Elm & Acadia

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace all saddles and service lines.

GENERAL LOCATION:

Mulberry, Cypress, Elm, Acacia

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:				$ 225,000		$ 225,000
TOTAL:				**$ 225,000**		**$ 225,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 15
Replace Saddles & Service Lines at Elks Meadow Subdivision

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace all saddles and service lines in subdivision.

GENERAL LOCATION:

Elks Meadow subdivision.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-2019	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:				$ 880,000		$ 880,000
TOTAL:				**$ 880,000**		**$ 880,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 16
Replace 6" Water Line in 'F' and 'G' Street Alleys

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace 1000 ft. of 6" water main, service lines and meters (28 services).

GENERAL LOCATION:

F' and 'G' Street alley from Follett Street to Fox Street.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:				$ 105,000		$ 105,000
TOTAL:				**$ 105,000**		**$ 105,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 17
Replace 6" Water Line in Lombardy Lane

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace 2000 ft. of 6" water main and services in Lombardy Lane (42 services).

GENERAL LOCATION:

Lombardy Lane from Vine Street to Champion Street.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:				$ 180,000		$ 180,000
TOTAL:				**$ 180,000**		**$ 180,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 18
Replace 6" Water Main in Hamlet Street

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace 1350 ft. of 6" water main and services in Hamlet Street (24 services)

GENERAL LOCATION:

Hamlet Street from Bush Street to Larish Street.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:					$ 103,500	$ 103,500
TOTAL:					**$ 103,500**	**$ 103,500**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 19
Replace 8" Water Line in Larish Street

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace 1350 ft. of 8" water main and services in Larish Street (23 services).

GENERAL LOCATION:

Larish Street from Lemoore Avenue to Champion Street.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:					$ 120,250	$ 120,250
TOTAL:					**$ 120,250**	**$ 120,250**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 20
Replace 6" Water Main in 'C' and 'D' Streets Alley

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace 1000 ft. of 6" water main and services in 'C' and 'D' Streets alley (26 services).

GENERAL LOCATION:

'C' and 'D' Streets alley from Heinlen to Hill Street.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:					$ 170,500	$ 170,500
TOTAL:					**$ 170,500**	**$ 170,500**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 21
Replace 18" North Well Field Transmission Line into City

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Replace 18" North Well Field transmission line into City.

GENERAL LOCATION:

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:					$ 3,825,000	$ 3,825,000
TOTAL:					**$ 3,825,000**	**$ 3,825,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT: 22
Construct Second Storage Tank at Well No. 7

DEPARTMENT:
Public Works

TYPE:
Water

PROJECT DESCRIPTION:

Construct second storage tank at Well No. 7

GENERAL LOCATION:

Well No. 7 on West Bush Street

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Water Fund Asset Replacement 050

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:						
B. Acquisition:						
C. Construction:			$ 900,000			$ 900,000
TOTAL:			**$ 900,000**		**$ -**	**$ 900,000**

Wastewater Projects

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CAPITAL IMPROVEMENT PROGRAM PROJECT

Fund: Wastewater Treatment/Disposal, Wastewater Collection, Grants
Function: Capital Improvements

Activity: Wastewater
Activity No.: 4760

	C.I.P. Description	Fund No.	Dept No.	Carry Over Prev. CIP	Project Cost	2013-2015	2015-2017	2017-2019	2019 and Beyond
1	Sewer Line Extensions	071A	4660		$ 40,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
2	Highway 198/19th Avenue Interchange	049B	4747A		$ 30,000	$ 30,000			
3	Replace Sewer Lines - Cimarron Park	060 A/R	4260		$ 310,000		$ 310,000		
4	Replace 10" Sewer Line on 'E' and Olive Streets	060 A/R	4260		$ 82,000	$ 82,000			
5	Thomas Lift Station Wet Well Rehab	060 A/R	4260		$ 100,000	$ 100,000			
6	Restore Brookfair Lift Station	060 A/R	4260		$ 200,000		$ 200,000		
7	Replace 6" Sewer Line in 'G' St. Alley	060 A/R	4260		$ 30,000		$ 30,000		
8	Upgrade Elks Meadow Lift Station	060 A/R	4260		$ 75,000		$ 75,000		
9	30" Outfall Line Upgrade	071	New		$ 85,000		$ 85,000		
10	Continental Force Main	071A	New		$ 100,000				$ 100,000
11	WWTP Upgrades - Bar Screen	071	New		$ 200,000				$ 200,000
12	Upgrade Cimarron Park Lift Station & Force Main	071A	New		$ 325,000				$ 325,000
13	Construct 21" Sewer Line in 19th Ave - Bush St to Vierra Sewer Lift Station	071A	New		$ 600,000				$ 600,000
	TOTAL				**$ 2,177,000**	**$ 222,000**	**$ 710,000**	**$ 10,000**	**$ 1,235,000**
					CIP Related Funding	**$ 40,000**			
	Other Funding: Sewer/Storm Drain Fund Asset Replacement					**$ 182,000**	**Estimated Balance 6-30-14 $568,086**		

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 1
Sewer Line Extensions

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Miscellaneous reimbursements for sewer line extensions, and oversizing.

GENERAL LOCATION:

Various locations throughout City.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Collection Capital 071A

Project Cost Estimates	2013-15	2015-17	2017-2019	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 40,000
TOTAL:	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 40,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 2
Highway 198/19th Ave Interchange

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Completion of sewer lift stations due to interchange improvements.

GENERAL LOCATION:

Highway 198/19th Ave

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

State Reimbursement 049B

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 30,000				$ 30,000
TOTAL:	**$ 30,000**				**$ 30,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 3
Replace Sewer Lines at Cimarron Park

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Replace existing transite sewer lines in subdivision (excavation or liner installation).

GENERAL LOCATION:

Cimarron Park subdivision at Northwest corner of Highway 41 and Highway 198

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Fund Asset Replacement 060

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:		$ 60,000			
B. Acquisition:					
C. Construction:		$ 250,000			
TOTAL:		$ 310,000			**$ 310,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 4 612
Replace 10" Sewer Line on 'E' and Olive Streets

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Replace 10" sewer line on 'E' and Olive Streets.

GENERAL LOCATION:

'E' Street West from Hill Street to N. Olive Street and Olive Street south approximately 300 ft.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Fund Asset Replacement 060

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:	$ 15,000				$ 15,000
B. Acquisition:					
C. Construction:	$ 67,000				$ 67,000
TOTAL:	**$ 82,000**				**$ 82,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 5 607
Thomas Lift Station Wet Well Rehabilitation

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Recoat interior of Thomas Lift Station wet well and replace all pump rails and hardware deteriorated by sulfuric gases.

GENERAL LOCATION:

West side of Vine Street approximately 1200 ft. South of Highway 198.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Fund Asset Replacement 060

Project Cost Estimates	2013-15	2015-17	2017-19	2017 and Beyond	Totals
A. Engineering:	$ 10,000				$ 10,000
B. Acquisition:					
C. Construction:	$ 90,000				$ 90,000
TOTAL:	**$ 100,000**				**$ 100,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT			DEPARTMENT:	TYPE:
Restore Brookfair Lift Station	6	611	Public Works	Wastewater

PROJECT DESCRIPTION:

Restoration of lift station in Brookfair subdivision.

GENERAL LOCATION:

Northeast corner of Highway 198 and Vine Street.

COMPLETION DATES:

A. Engineering: B. Acquisition: C. Construction:

FUNDING SOURCE:

Wastewater Fund Asset Replacement 060

Project Cost Estimates	2013-15	2015-2017	2017-19	2019 and Beyond	Totals
A. Engineering:		$ 30,000			$ 30,000
B. Acquisition:					
C. Construction:		$ 170,000			$ 170,000
TOTAL:		**$ 200,000**			**$ 200,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 7 613
Replace 6" Sewer at 'G' Street Alley from East End to Heinlen Street

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Replace existing 6" sewer in 'G' Street alley.

GENERAL LOCATION:

'G' Street alley from Heinlen Street to Armstrong Street right-of-way alignment.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Fund Asset Replacement 060

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:		$ 30,000			$ -
TOTAL:		$ 30,000			**$ 30,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT			DEPARTMENT:	TYPE:
Upgrade Elks Meadow Lift Station	8	614	Public Works	Wastewater

PROJECT DESCRIPTION:

Replace lift station with a new wet well structure, submersible pumps, valve vault and electrical system. Install additional pump.

GENERAL LOCATION:

Lift station on Northwest corner of Antelope Drive and Hanford-Armona Road.

COMPLETION DATES:

A. Engineering: B. Acquisition: C. Construction:

FUNDING SOURCE:

Wastewater Fund Asset Replacement 060

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:		$ 75,000			$ 75,000
TOTAL:		**$ 75,000**			**$ 75,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 9
30" Outfall Line Upgrade

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Upgrade outfall line to increase flow capacity by upgrading a section of line from 16" to 30".

GENERAL LOCATION:

1145 Vine Street (WWTP)

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Treatment Capital 071

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:		$ 10,000			$ 10,000
B. Acquisition:					
C. Construction:		$ 75,000			$ 75,000
TOTAL:		**$ 85,000**			**$ 85,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT			DEPARTMENT:	TYPE:
Continental Force Main Upgrade	10	609	Public Works	Wastewater

PROJECT DESCRIPTION:

Upgrade the existing 8" force main to 12" to accomidate flow from growth in area.

GENERAL LOCATION:

Lemoore Avenue approximately 900 ft. North from 'D' Street and Lemoore Avenue intersection and East from Lemoore Avenue to Continental Lift Station.

COMPLETION DATES:

A. Engineering: B. Acquisition: C. Construction:

FUNDING SOURCE:

Wastewater Collection Capital 071A

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:				$ 100,000	$ 100,000
TOTAL:				**$ 100,000**	**$ 100,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 11
Wastewater Headwork Screen Expansion

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Construct second bar screen

GENERAL LOCATION:

1145 Vine Street (WWTP)

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Wastewater Treatment Capital 071

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:				$ 15,000	$ 15,000
B. Acquisition:					
C. Construction:				$ 185,000	$ 185,000
TOTAL:				**$ 200,000**	**$ 200,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 12 601
Upgrade Cimarron Park Lift Station and Force Main

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Upgrade sanitary sewer lift station and force main to service area West of Highway 41 (West Hills College Development).

GENERAL LOCATION:

Southeast corner of Belle Haven Drive and Park Lane and line from this location East to 19th Avenue.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: Beyond 2019

FUNDING SOURCE:

Wastewater Collection Capital 071A

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:				$ 325,000	$ 325,000
TOTAL:				**$ 325,000**	**$ 325,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 13
Construct 21" Sewer Line in 19th Avenue

DEPARTMENT:
Public Works

TYPE:
Wastewater

PROJECT DESCRIPTION:

Install 21" sewer line parallel to 15" and 18" line.

GENERAL LOCATION:

19th Avenue from Bush Street to Vierra Field Lift Station.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction: Beyond 2019

FUNDING SOURCE:

Wastewater Collection Capital 071A

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:				$ 600,000	$ 600,000
TOTAL:				$ 600,000	**$ 600,000**

Storm Drain Projects

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CAPITAL IMPROVEMENT PROGRAM PROJECT

Fund: Storm Drain, Grants
Function: Capital Improvements

Activity: Storm Drain
Activity No.: 4770

	C.I.P. Description	Fund No.	Dept No.	Carry Over Prev. CIP	Project Cost	2013-2015	2015-2017	2017-2019	2019 and Beyond
1	Storm Drain Reimbursements	069	4770		$ 40,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
2	19th Avenue Park Ponding Basin	049B	4747A		$ 780,000	$ 780,000			
3	Lemoore High School Storm Basin Improvements	069	New		$ 180,000	$ 180,000			
4	Bevilaqua Park Improvements	069	New		$ 400,000			$400,000	
5	Avalon Basin Outfall Line Improvements	069	New		$ 240,000			$ 240,000	
6	Industrial Park Improvements	069	New		$ 300,000		$ 40,000	$ 260,000	
	TOTAL				**$ 1,940,000**	**$ 970,000**	**$ 50,000**	**$ 910,000**	**$ 10,000**
				CIP Related Funding		**$ 970,000**			
	Other Funding:	**Sewer/Storm Drain Fund Asset Replacement**				**$ -**	**Estimated Balance 6-30-14 $568,086**		

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 1
Storm Drain Reimbursements

DEPARTMENT:
Public Works

TYPE:
Storm Drain

PROJECT DESCRIPTION:

Miscellaneous reimbursements for storm drain line extensions, oversizing and pump station oversizing.

GENERAL LOCATION:

Various locations throughout the City.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Storm Drainage Capital 069

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 40,000
TOTAL:	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 10,000**	**$ 40,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 2
19th Avenue Park Ponding Basin

DEPARTMENT:
Public Works

TYPE:
Storm Drain

PROJECT DESCRIPTION:

19th Avenue Park ponding basin modification to accommodate Hwy 198/19th Avenue interchange.

GENERAL LOCATION:

Ponding basin at 19th Avenue Park

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Caltrans Reimbursement

Project Cost Estimates	Previous Years	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:		$ 6,000				$ 6,000
B. Acquisition:						$ -
C. Construction:	$ 1,150,000	$ 774,000				$ 774,000
TOTAL:	**$ 1,150,000**	**$ 780,000**	**$ -**	**$ -**	**$ -**	**$ 780,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 3
Lemoore High School Basin Improvements

DEPARTMENT:
Public Works

TYPE:
Storm Drain

PROJECT DESCRIPTION:

Construct lift station at Lemoore High basin.

GENERAL LOCATION:

Northeast corner of Lemoore Avenue and Highway 198.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Storm Drain Capital 069

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:	$ 180,000				$ 180,000
TOTAL:	**$ 180,000**				**$ 180,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 4
Bevilaqua Park Improvements

DEPARTMENT:
Public Works

TYPE:
Storm Drain

PROJECT DESCRIPTION:

Install pipe line through site and complete ponding basin on site with construction of pump station.

GENERAL LOCATION:

North of Cedar Lane and West of Acacia Drive

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Storm Drainage Capital 069

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					$ -
B. Acquisition:					
C. Construction:			$ 400,000		$ 400,000
TOTAL:			**$ 400,000**		**$ 400,000**

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 5
Avalon Basin Outfall Line Improvements

DEPARTMENT:
Public Works

TYPE:
Storm Drain

PROJECT DESCRIPTION:

Install line to drain basin from 19 1/2 Ave to Belle Haven Drive.

GENERAL LOCATION:

North of railroad from 19 1/2 Avenue to Highway 41.

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Storm Drainage Capital 069

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:					
B. Acquisition:					
C. Construction:			$ 240,000		$ 240,000
TOTAL:			$ 240,000	$ -	$ 240,000

CAPITAL IMPROVEMENT PROGRAM PROJECT

PROJECT 6
Industrial Park Improvements

DEPARTMENT:
Public Works

TYPE:
Storm Drain

PROJECT DESCRIPTION:

Construct pump station, install pipeline and excavate ponding area.

GENERAL LOCATION:

North of Idaho Avenue and East of Highway 41 (part of 84 acres).

COMPLETION DATES:

A. Engineering:

B. Acquisition:

C. Construction:

FUNDING SOURCE:

Storm Drainage Capital 069

Project Cost Estimates	2013-15	2015-17	2017-19	2019 and Beyond	Totals
A. Engineering:		$ 40,000			$ 40,000
B. Acquisition:					
C. Construction:			$ 260,000		$ 260,000
TOTAL:		**$ 40,000**	**$ 260,000**	**$ -**	**$ 300,000**