

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Environmental Resources

BOARD AGENDA # B-9

Urgent

Routine

AGENDA DATE August 5, 2008

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval to Accept the Second Annual Report on A Well Planned Infrastructure System Goals and Performance Measures

STAFF RECOMMENDATIONS:

Accept the second annual report on A Well Planned Infrastructure System goals and performance measures.

FISCAL IMPACT:

There is no fiscal impact associated with this item.

BOARD ACTION AS FOLLOWS:

No. 2008-576

On motion of Supervisor Monteith, Seconded by Supervisor DeMartini
and approved by the following vote,

Ayes: Supervisors: O'Brien, Grover, Monteith, DeMartini and Chairman Mayfield

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) _____ Denied

3) _____ Approved as amended

4) _____ Other:

MOTION:



ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

DISCUSSION:

Background

The Board of Supervisors adopted new priorities for Stanislaus County in April 2005. Department heads were then assigned to teams that were responsible for developing goals and performance measures to successfully support the priorities (“priority teams”). The priority teams identified measures of success for one year, five years and ten years. The one-year measures included implementation steps to initiate the work required by the goals.

The Board adopted the goals and performance measures in October 2005, and directed the priority teams to present an annual report on their performance. The first report to the Board was presented in October 2006. In July 2007, the Board of Supervisors adopted the Goals and Performance Measures for Fiscal Year 2007-2008 and directed staff to report back to the Board.

Overview

The Board of Supervisors adopted this priority to ensure that adequate infrastructure exists to meet the growing needs of our community. Department heads and representatives of the following departments comprise the Well Planned Infrastructure priority team: Environmental Resources, Parks and Recreation, Planning and Community Development and Public Works.

As a result of the adoption of the July 2007 Goals and Performance Measures, a fifth goal was added to this priority team: to develop a comprehensive flood control strategy. The following list comprises this priority team’s goals: 1) to ensure reliable water sources-quality and quantity, 2) to improve transportation circulation, 3) to promote effective liquid waste disposal, 4) to promote effective solid waste disposal, and 5) to develop a comprehensive flood control strategy.

To ensure reliable water sources, the priority team had eight (8) expected outcomes for this goal, several of which should be highlighted. Specifically, a Water Atlas was developed which was integrated with the County GIS system, is available on the Public Works website and was presented at a water summit meeting last year. As a part of developing strategies for urban development and water planning, several Board members, Chief Executive Office staff and the priority team toured the El Dorado Hills reclaimed water system. Along a similar vein, staff is proposing to install an irrigation well as a pilot project for using non-potable water for park and streetscape irrigation. This installation will be complete by the end of this calendar year.

Approval to Accept the Second Annual Report on A Well Planned Infrastructure System
Goals and Performance Measures

Page 3

Seven strategies were identified for the Improving Transportation Circulation measure. These included the completion of a new pavement management system, the resurfacing of 106 miles of roadways (which exceeded the goal of 75 miles), and the development of a program to re-stripe roadways on a bi-annual basis.

For the Promote Effective Liquid Waste Disposal measure, the priority team had four (4) expected outcomes. The two most notable were the utilization of the Robertson Road and Shackleford sewer connections. In the Robertson Road area, 126 permits (38%) were issued or completed in Fiscal Year 2007-2008, with a total of 45 % of all the homes being connected to date (148 of 331). In the Shackleford area, 92 permits were issued or completed in Fiscal Year 2007-2008 and 57% of all homes in the area have been connected to date (274 of 481).

To implement strategies to Promote Effective Solid Waste Disposal, the priority team had six expected outcomes for this measure. The first outcome was to complete a second waste stream analysis including “mom and pops”, packer trucks and transfer trucks. This outcome was completed. Other expected outcomes included preparation of a landfill planning and project document, including timelines. To this end, a 100-year life study was completed and presented to the Westside Communities and the Board of Supervisors. In addition, staff has developed a more specific timeline for project implementation as well as project costs.

The fifth and final measure for the Well Planned Infrastructure priority team is to implement strategies to improve flood control. This goal had one (1) expected outcome, which is to develop a comprehensive compendium of flood designation and flood ways. This included the identification of all levees, Federal Emergency Management Agency (FEMA) maps, and potential funding sources. The Flood Plain Manager has been working with local, state and federal agencies (including FEMA) to monitor the new FEMA mapping process and providing input as necessary. A countywide GIS layer update has been initiated and the database is 90% complete and includes flood control and drainage facilities countywide.

Exhibit “A” is attached which outlines the outcomes that the Well Planned Infrastructure priority team expected to achieve in the past year as well as the actual outcomes achieved. Exhibit “A” also provides a discussion of the lessons learned over the past year for each goal.

Conclusion

The Well Planned Infrastructure team made significant progress this year and completed the vast majority of the Expected Outcomes. Four Water Summits were held throughout the year to solicit input from water purveyors. Members of the team participated in the

Approval to Accept the Second Annual Report on A Well Planned Infrastructure System
Goals and Performance Measures

Page 4

Regional Blueprint process and Partnership for the San Joaquin Valley. They developed a Water Atlas that is integrated with the County GIS system and is available on the Public Works website. The priority team has completed the analysis of the use of an alternative water source for landscape irrigation and will install the pilot project well by the end of this calendar year. Public Works completed the resurfacing of 106 miles of roadways this Fiscal Year, which exceeded the target goal by 31 miles. In both the Robertson Road and Shackleford areas a total of 422 of the 821 homes have been connected to the sewer system. The priority team completed the 100-year life study for the Fink Road Landfill and presented the results to both Westside communities and the Board of Supervisors. The second waste stream analysis has been completed. The Flood Plain Manager has been working with local, state and federal agencies on the new FEMA mapping.

During this last fiscal year, this priority team had several lessons learned:

- Water is a very sensitive issue and requires careful consideration as to the appropriate role of the County. Preliminary analysis indicated that there should a positive economic benefit to using non-potable water in landscape irrigation.
- The goal to improve transportation circulation was difficult to control as Stanislaus Council Of Government's non-motorized model to insure bikeway development and coordination required multiple agency cooperation to accomplish.
- The utilization percentages of sewer connections are out of the direct control of County staff. The focus will continue to be on marketing efforts and targeted income sewer connection assistance.
- The passage of Measure E, coupled with the decline in the residential housing market, has reduced the pressure to develop new wastewater standards for smaller residential subdivision maps. Staff is continuing to work with the Salida and Crows Landing developments on sustainable water uses and reuses that may be used as a countywide model.
- Some of the outcomes are not completely within the control of County staff and require the cooperation of other agencies.
- The Wet landfill concept is no longer under consideration at this time due to inconsistencies with wet and dry landfill technologies

One of the greatest values is that this team continues to have engaging dialogue as to how to improve the overall level of infrastructure planning in Stanislaus County. The team's communication and information sharing is an integral part of the general discussions during the Well Planned Infrastructure meetings. Every member is committed to doing their part in meeting the Board's goal of a Well Planned Infrastructure.

Approval to Accept the Second Annual Report on A Well Planned Infrastructure System
Goals and Performance Measures

Page 5

POLICY ISSUES:

The report on the goals and performance measures for Well Planned Infrastructure provides the Board of Supervisors with a progress report on the efforts to support the Board commitment of a well-planned infrastructure system.

STAFFING IMPACT:

There is no staffing impact associated with this item.



GOALS AND PERFORMANCE MEASURES

BOARD PRIORITY

The Stanislaus County Board of Supervisors is committed to providing excellent community services and we charge the organization to effectively manage public resources, encourage innovation and continuously improve business efficiencies.

In collaboration with public and private partnerships we strive for:

A well planned Infrastructure system

PRIORITY TEAM

Environmental Resources/Parks and recreation
 Planning and Community Development
 Public Works

GOAL 1

Ensure reliable water sources – quality and quantity

MEASURE

Implement Strategies to ensure reliable water sources – quality and quantity

| EXPECTED OUTCOMES FOR FISCAL YEAR 2007-2008 | ACTUAL OUTCOMES THROUGH JUNE 2008 |
|---|--|
| Identify the percentage of small water systems in compliance with State standard 2006; | Completed; 83 % of the water systems required to meet the new standard are in compliances; |
| Identify urban sources/potential sources of pollution and close 2 % of identified sites; | Completed; 7% closed; |
| Integrate into GIS a database of water purveyors (irrigation districts, water districts, city water systems, small water systems; | Developed a Water Atlas that is integrated with County GIS system; Atlas available on County Public Works website and has been presented at Water Summit; |
| Work with CEO and Board Members to develop strategies for urban development and surface/other sources of water planning; | Board members and staff are working to develop sustainable water supplies for Salida Community Plan. Toured El Dorado Hills reclaimed water system. 4 Water Summits held throughout the year to solicit input from water purveyors, participated in Regional Blueprint process and Partnership for the San Joaquin Valley; |
| Update Development Standards to promote water conservation; | Working with Salida Community developers to develop local standards that could be used as a model throughout County; |
| Complete and update domestic and agricultural well standards; | Staff has been working on the standards and plans to present to Board in late 2008; |
| Conduct an economic analysis of alternate water sources in County Parks; and | Analysis complete; well to be installed in Salida by end of 2008 as a pilot project; and |
| Develop Strategies for a sustainable water | Completed Water Atlas, establishing a baseline |

balance program.

for sustainable water balance. Discussion occurring at Water Summits.

LESSONS LEARNED:

Water is a sensitive issue and requires careful consideration as to the appropriate role of the County. Preliminary analysis indicates that there may be a positive economic benefit to using non-potable water in landscape irrigation.

GOAL 2

Improve Transportation Circulation

MEASURE

Implement strategies to improve transportation circulation

| EXPECTED OUTCOMES FOR FISCAL YEAR 2007-2008 | ACTUAL OUTCOMES THROUGH JUNE 2008 |
|--|--|
| Develop an integrated roadway management program with GIS (note this system will include a roadway survey, deficiencies to include areas missing street lights, curb, gutter and sidewalks); | Completed a new pavement management system; |
| Increase resurfacing of existing roadways to 75 miles per year; | Increased resurfacing to 106 miles this fiscal year; |
| Develop a program to restripe roadways on a regular basis; | Developed a program to restripe roadways on a bi-annual basis; |
| Increase ridership of transit system by 3% per year; | Increased ridership of transit system by 9.67% per year; |
| Develop a roadway hotline to better serve community concerns; | Roadway hotline in development; |
| Support Stanislaus COG in proposed sales tax measure expenditure plan; and | Provided unincorporated projects for Local Expenditure Plan; and |
| Review County Circulation Plan and Stanislaus COG non-motorized model to insure bikeway development and coordination | No progress occurred on this measure. |

LESSONS LEARNED:

The non-motorized model goal was a stretch goal requiring multiple agency cooperation to accomplish.

GOAL 3

Promote effective liquid waste disposal

MEASURE

Implement strategies to promote effective liquid waste disposal

| EXPECTED OUTCOMES FOR FISCAL YEAR 2007-2008 | ACTUAL OUTCOMES THROUGH JUNE 2008 |
|---|--|
| Promote utilization of Robertson Road sewer project with a goal of connecting 25% of homes; | 126 Permits (38%) were issued or completed in FY 07-08 for sewer connection in the Robertson Road Area (45% of all homes in the area have been connected to date (148 of 331); |
| Promote utilization of Shackelford sewer project with a goal of connecting 25% of homes; | 92 Permits (19%) were issued or completed in FY 07-08 for sewer connection in the Shackelford Area. (57% of all homes in the area have been connected to date (274 of 481); |
| Develop recommendations for standards to require regional type wastewater treatment | No progress occurred on this measure; and |

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| facilities on all projects with subdivision maps; and | |
| Develop and implement NPDES Storm Water Plan. | Continued to implement the storm water plan and have developed a new storm water ordinance to support the plan. |

LESSONS LEARNED:

Utilization percentages of sewer projects are out of the control of County staff. The focus will continue to be on marketing efforts and targeted income sewer connection assistance. Staff is working with the Salida and Crows Landing developers on sustainable wastewater solutions. The passage of Measure E coupled with the decline in the residential housing market has reduced the pressure to develop new wastewater standards for smaller residential subdivision maps.

GOAL 4

Promote effective solid waste disposal

MEASURE

Implement strategies to promote effective solid waste disposal

| EXPECTED OUTCOMES FOR FISCAL YEAR 2007-2008 | ACTUAL OUTCOMES THROUGH JUNE 2008 |
|--|---|
| Complete second waste stream analysis including mom and pops, packer trucks and transfer trucks; | Contracted for a second waste stream analysis, sample waste stream completed, and department has received the report; |
| Complete initial study for transfer station located at the Geer Road Landfill site; | Staff have been developing requirements in preparation of a feasibility study; |
| Prepare landfill planning and project document including timelines; | Completed 100 year Study and presented to Board of Supervisors and Westside Communities. Staff working on specific steps for long term implementation of the study; |
| Begin process for the evaluation and negotiation of Covanta's contract; | Contract negotiations with Covanta have begun and are ongoing; |
| Begin application for recycling facility at Fink Road; and | Application will begin after completion of second waster stream analysis and; |
| Complete feasibility study for wet landfill technology. | No longer under consideration at this time, may be feasible when evaluating future landfill sites. |

LESSONS LEARNED:

The Wet landfill is no longer under consideration at this time due to inconsistencies with wet and dry landfill technologies. Many of the goals in this area are stretch goals requiring multiple years to accomplish and constant re-evaluation due to changing laws, regulations and emerging technologies.

GOAL 5

Develop Comprehensive Flood Control Strategy

MEASURE

Implement strategies Implement Strategies to improve flood control

**EXPECTED OUTCOMES FOR FISCAL YEAR
2007-2008**

ACTUAL OUTCOMES THROUGH JUNE 2008

Develop a comprehensive compendium of flood ordinances, flood designations and flood ways. This will include the identification of all levees, FEMA maps, and potential funding sources

Flood Plain Manager has been working with local, state and federal agencies (including FEMA) to monitor the new FEMA mapping process and providing input as necessary. County-wide GIS layer update initiated. 90% complete of database that includes flood control and drainage facilities countywide.

LESSONS LEARNED:

Staff has recognized the need to be more proactive in this area. Some of the outcomes are not totally within the control of County staff and require the cooperation of other agencies.

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| facilities on all projects with subdivision maps; and | |
| Develop and implement NPDES Storm Water Plan. | Continued to implement the storm water plan and have developed a new storm water ordinance to support the plan. |

LESSONS LEARNED:

Utilization percentages of sewer projects are out of the control of County staff. The focus will continue to be on marketing efforts and targeted income sewer connection assistance. Staff is working with the Salida and Crows Landing developers on sustainable wastewater solutions. The passage of Measure E coupled with the decline in the residential housing market has reduced the pressure to develop new wastewater standards for smaller residential subdivision maps.

GOAL 4

Promote effective solid waste disposal

MEASURE

Implement strategies to promote effective solid waste disposal

| EXPECTED OUTCOMES FOR FISCAL YEAR 2007-2008 | ACTUAL OUTCOMES THROUGH JUNE 2008 |
|--|---|
| Complete second waste stream analysis including mom and pops, packer trucks and transfer trucks; | Contracted for a second waste stream analysis, sample waste stream completed, and department has received the report; |
| Complete initial study for transfer station located at the Geer Road Landfill site; | Staff have been developing requirements in preparation of a feasibility study; |
| Prepare landfill planning and project document including timelines; | Completed 100 year Study and presented to Board of Supervisors and Westside Communities. Staff working on specific steps for long term implementation of the study; |
| Begin process for the evaluation and negotiation of Covanta's contract; | Contract negotiations with Covanta have begun and are ongoing; |
| Begin application for recycling facility at Fink Road; and | Application will begin after completion of second waster stream analysis and; |
| Complete feasibility study for wet landfill technology. | No longer under consideration at this time, may be feasible when evaluating future landfill sites. |

LESSONS LEARNED:

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GOAL 5

Develop Comprehensive Flood Control Strategy

MEASURE

Implement strategies Implement Strategies to improve flood control