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Memo Date: August 19,2008
First Reading Date: September 3, 2008
Second Reading/Public Hearing Date: September 17, 2008

TO: Board of County Commissioners
DEPARTMENT: Public Works, Land Management Division, Planning Department
PRESENTED BY: Stephanie Schulz, Metro and Small City Planner
AGENDA ITEM TITLE: In the Matter of Amending The Eugene-Springfield Metropolitan Area General Plan (Metro Plan) Consistent With Policy G.3 In Chapter III, Section G. Public Facilities and Services Element; Amending Table 4, Table 16 and Map 2 of the Public Facilities And Services Plan (PFSP); And Adopting Savings and Severability Clauses. (Metro Plan Amendment) (File No. PA 08-5487; Applicant: City of Springfield)

I. MOTION:

For September 3, 2008: Move approval of the first reading and setting the second reading and joint public hearing on Ordinance No. PA 1253 to be held with the City of Springfield, at Springfield City Hall, for September 17, 2008 at 6:00 p. m.

For September 17, 2008: Move approval of Ordinance No. PA 1253.

II. AGENDA ITEM SUMMARY

Upgrades to the City of Springfield wastewater collection system are proposed for inclusion in the Metro Plan and the Public Facilities and Services Plan (PFSP), a refinement plan to the Metro Plan. City of Springfield has completed analysis of its wastewater collection system and developed the 2008 Wastewater Master Plan that unifies the city's collection system under a single plan; acknowledges the single regional treatment plant; and makes appropriate adjustments due to new environmental laws.

III. BACKGROUND/IMPLICATIONS OF ACTION

A. Board Action and Other History

The applicant proposes to amend the Eugene-Springfield Metropolitan Area General Plan (Metro Plan) and the Public Facilities and Services Plan (PFSP) to: (1) add or modify nine projects to Table 4 in the Metro Plan and Table 16 in the PFSP, and (2) amend the PFSP Map 2 to indicate the general location of these new projects. Under Metro Plan Amendment procedures, this is a Type II Amendment, a two jurisdiction decision of Lane County and the Home City of Springfield since some projects are outside city limits and within the UGB.

Metro Plan-PFSP-Local Facilities Plan Context

Oregon state land use law (Goal 11, OAR 660-011) requires all cities with a population over 2,500 to develop and adopt a public facilities plan for the area within the city's urban growth boundary. The public facilities plan is a support document or documents to a comprehensive plan. Certain elements of the public facility plan also shall be adopted as part of the comprehensive plan; these elements include a list of public facility project titles, (excluding the descriptions or specifications of those projects if so desired by the jurisdiction); a map or written

description of the public facility projects' locations or service areas; and the policies or urban growth management agreement designating the provider of each public facility system. (OAR 660-011-0045)

In 2001 the governing bodies of Eugene, Springfield and Lane County repealed the 1987 Public Facilities and Services Plan and replaced it with the Eugene-Springfield Metropolitan Area Public Facilities and Services Plan, December 2001 (subtitled: A Refinement Plan of the Eugene-Springfield Metropolitan Area General Plan.). One of the results of this action is described in the PFSP as follows: "Chapter II of this plan recommends text amendments to the *Metro Plan* which are adopted as part of, and are incorporated into, the *Metro Plan*. The project lists and maps in Chapter II are also adopted as part of the *Metro Plan* but are physically located in this refinement plan. If there are any inconsistencies between this plan and the *Metro Plan*, the *Metro Plan* prevails." (Page 1, Introduction, PFSP)

This text confirms that the PFSP is a refinement plan of the Metro Plan; that both the PFSP and the Metro Plan "co-adopted" the project lists, maps and policies as required by OAR 660-011-0045; that the project lists and maps do not physically appear in the published Metro Plan but instead are to be found in the PFSP; and that amendment of the project list, maps or policies, because they are co-adopted into both the Metro Plan and PFSP, require identical amendment to both those documents if changes are made.

On April 21, 2008 the Springfield City Council, on behalf of the Public Works Department of the City of Springfield, initiated amendments to the Metro Plan and PFSP to incorporate specific recommendations found in the City of Springfield's draft Wastewater Master Plan – February 2008. (The Executive Summary is provided as Attachment #4) This plan recommends the addition or modification of 9 projects and the removal of 4 projects that have been completed or are no longer necessary. All of these projects are part of the City's collection system (not MWMC projects) and serve only the residents and businesses of the City of Springfield. Notwithstanding the single jurisdiction service purpose of these new projects, the Metro Plan (Page V-4, Public facility projects: (b) Wastewater) requires *all* pump stations, and all wastewater lines 24 inches or larger, to be identified in the project lists and maps. Because the Metro Plan "prevails" if there are any inconsistencies between the Metro Plan and the PFSP, the PFSP project lists and maps also must show all pump stations and wastewater lines 24 inches or larger.

B. Policy Issues

The Metro Plan is the long-range public policy document which establishes the broad framework upon which Eugene, Springfield, and Lane County make coordinated land use decisions. While the Metro Plan is the basic guiding land use policy document, it may be amended from time to time to ensure that the Metro Plan is responsive to changing conditions, needs, and attitudes of the community.

Referral Comments Received

There were three responses to notice and referral, they are provided as Attachment 3 to this memo.

C. Board Goals

Adoption of this ordinance after conducting a hearing supports the following Lane County Strategic Goals adopted by the Board:

- Provide opportunities for citizen participation in decision making, voting, volunteerism and civic and community involvement.
- Contribute to appropriate community development in the areas of transportation and telecommunications infrastructure, housing, growth management and land development.

D. Financial and/or Resource Considerations

Public facilities financing considerations that are implemented by this proposed amendment are found on page III-G-14 of the Metro Plan. Springfield Public Works Department budgeting in the upcoming fiscal years will ensure meeting these updated infrastructure needs and compliance with the following Metro Plan policies as development needs are met in Springfield in accordance with the Plan. Table 16 provides cost estimates and completion year estimates for each project.

G.33 Changes to PFSP project phasing schedules or anticipated costs and financing shall be made in accordance with budgeting and capital improvement program procedures of the affected jurisdictions, in this case Springfield Public Works Department.

G.34 Service providers will update capital improvement programming regularly for those portions of the UGB where the full range of key urban services and facilities is not available.

E. Analysis

Springfield Wastewater Master Plan – 2008

Springfield’s Wastewater Master Plan (WWMP) is a citywide public infrastructure plan that evaluates existing and future demand on the wastewater collection system (based on projected population and employment growth through the year 2025) and makes recommendations for system improvements (capacity and efficiency). The WWMP was initiated by the City Council to update the 1980 Sanitary Sewer Master Plan, and to assist in the implementation of the Metropolitan Wet Weather Flow Management plan, adopted by the Metropolitan Wastewater Management Commission.

The City’s WWMP is not a substitute for the wastewater systems planning that appears in Chapter III of the Metro Plan or throughout the PFSP; Oregon Administrative Rule 660-011-0010 identifies the constituent components of public facility plans including how these state requirements relate to other public facilities planning that may be prepared by cities and authorized service providers:

“(3) It is not the purpose of this division to cause duplication of or to supplant existing applicable facility plans and programs. Where all or part of an acknowledged comprehensive plan, facility master plan either of the local jurisdiction or appropriate special district, capital improvement program, regional functional plan, similar plan or any combination of such plans meets all or some of the requirements of this division, those plans, or programs may be incorporated by reference into the public facility plan required by this division. Only those referenced portions of such documents shall be considered to be a part of the public facility plan and shall be subject to the administrative procedures of this divisions and ORS Chapter 197.”

Taken in its entirety, this rule provision is intended to allow cities to adopt existing public facilities documents, rather than prepare new ones, where those documents satisfy the standards of OAR 660-011. This rule provision does not invalidate other elements of these local

planning efforts that do not address provisions of the rule; it simply qualifies those elements of local planning documents that can be used to meet this rule and in so doing, obligates such elements to the requirements of ORS 197 (goals compliance; post-acknowledgment plan amendment procedures). The City is not proposing to reference any elements of the WWMP as provided in OAR 660-011-0010, but does contend that the development and application of the WWMP is consistent with the following Metro Plan policy:

“G.2 Use the planned facilities maps of the Public Facilities and Services Plan for water, wastewater, stormwater, and electrical projects in the metropolitan area. *Use local facility master plans, refinement plans, and ordinances as the guide for detailed planning and project implementation.*” [Emphasis added]

The WWMP recommends a variety of projects and programs to achieve the stated goal of the plan: “Identify existing and future capacity constraints, determine capacity requirements and identify system improvements necessary to meet the city of Springfield’s projected population and employment growth through the (2025) planning year.” The following project recommendations are proposed for inclusion in the lists and maps in the Metro Plan and PFSP:

For inclusion in Tables 4 & 16:

Project #104 - Jasper Road sewer extension

System extension in the general vicinity of Jasper Road to collect flow from future development in the Jasper-Natron area.

Project #105 – 10th and N Street Upgrade

Construct parallel 24 inch pipe to increase capacity of existing system to accommodate wet weather flows.

Project #106 – E Street (Central Trunk) upgrade

Construct 24 inch pipe to increase capacity of existing system to accommodate wet weather flows.

Project #107 – Main Street sewer upgrade #1

Construct 24 inch pipe to increase capacity of existing system to accommodate wet weather flows.

Project #108 – Nugget Way pump station upgrade

Increase pump station capacity to accommodate wet weather flows with the largest pump out of service.

Project #109 – Hayden Loop pump station upgrade

Increase pump station capacity to accommodate wet weather flows with the largest pump out of service.

Project #110 – River Glen pump station upgrade

Increase pump station capacity to accommodate wet weather flows with the largest pump out of service.

Project #202 – Harbor Drive pump station

New pump station to collect flow from future development in the vicinity of the South 2nd Street area

Project #203 – PeaceHealth pump station

New pump station to collect flow from future development in the vicinity of Deadmond Ferry Road and Baldy View Drive

For deletion from Tables 4 & 16:

Project #105 – Game Farm Road trunk sewer

Project #106 – Gateway/Harlow Road pump station upgrade

Project #202 – East Glenwood gravity sewer

Project #203 – 19th Street pump station

Metro Plan Amendment Criteria

The proposed amendments are considered to be Type II Metro Plan amendments because they are site specific amendments to Plan project lists and maps. Type II Metro Plan amendments inside the city limits shall be approved by the Home City; Type II Metro Plan amendments between the city limits and the Plan Boundary shall be approved by the Home City and Lane County. At least three of the pump stations are outside the city limits therefore Lane County must co-adopt these amendments.

Springfield and Lane County adopted identical Metro Plan amendment criteria into their respective implementing ordinances and codes. Springfield Development Code (SDC) Chapter 5, Section 5.14-135(C) (1 & 2) and Lane Code 12.225(2) (a & b) require that the amendment be consistent with relevant statewide planning goals and that the amendment not make the Metro Plan internally inconsistent. These criteria are addressed and the project found to be in compliance in the Findings attached to the Ordinance as Exhibit C.

F. Alternatives/Options

Option 1. Approve the Ordinance as presented.

Option 2. Revise the Ordinance as directed by the Board and return for approval of the revised Ordinance on a date certain set by the Board.

Option 3. Do not approve the Ordinance and deny the application.

IV. TIMING/IMPLEMENTATION

Adoption of the Metro Plan and PFSP Amendment will update the planning documents that provide the necessary framework to guide investments for Springfield’s public facilities to serve the city’s projected need through the year 2025.

V. RECOMMENDATION

Staff recommends Option 1.

Planning Commission Recommendation

The issues were presented to LCPC and the Springfield Planning Commission for their evaluation in a joint public hearing held on May 6, 2008. The record was closed at the end of the hearing, and both planning commission's deliberated that evening, both voting unanimously to recommend approval of the Plan Amendment request. Commission reasoning is set forth in the minutes of the meetings, attachment 2 to this packet.

VI. FOLLOW-UP

Notice of Board action will be provided to DLCD and all interested parties. If the Board adopts the Ordinance as presented or modified, notice of that action will also be provided.

Should the Board choose Option 3, an Order with findings setting forth the Board's reasons for denying the application would be prepared and returned to the Board for adoption on a date certain set at the end of the public hearing and Board deliberation.

VII. ATTACHMENTS

1. Ordinance No. PA 1253
 - Exhibit A: Map of Planned MWMC Wastewater Project Sites
 - Exhibit B Tables 4 and 16 showing the projects list
 - Exhibit C Findings
2. May 6, 2008 Joint Planning Commission Minutes
3. Summary of Public Comments received
4. Executive Summary, Springfield Wastewater Master Plan

BEFORE THE BOARD OF COUNTY COMMISSIONERS ON LANE COUNTY, OREGON

Ordinance No. PA 1253

-) In The Matter Of Amending The Eugene-Springfield
-) Metropolitan Area General Plan (Metro Plan) Consistent With
-) Policy G.3 In Chapter III, Section G. Public Facilities And
-) Services Element; Amending Table 4, Table 16 And Map 2 Of
-) The Public Facilities And Services Plan (PFSP); And Adopting
-) Savings And Severability Clauses (Metro Plan Amendment)
-) (File No. PA 08-5487; Springfield)

WHEREAS, Chapter IV of the *Eugene-Springfield Metropolitan Area General Plan (Metro Plan)* sets forth procedures for amendment of the Metro Plan, which for Lane County are implemented by the provisions of Lane Code 12.200 through 12.245; and

WHEREAS, the *Metro Plan* identifies the *Eugene-Springfield Metropolitan Area Public Facilities and Services Plan (Public Facilities and Services Plan)* as a refinement plan which forms the basis for the *Public Facilities and Services Element* of the *Metro Plan* and guides the provision of public facilities and services in the metropolitan area; and

WHEREAS, the *Public Facilities and Services Plan* serves the goals, objectives and policies of the *Metro Plan* by addressing the provision of public facilities and services within the urban growth boundary (UGB), services to areas outside the UGB, locating and managing public facilities outside the UGB, and financing public facilities; and

WHEREAS, the current *Eugene-Springfield Metropolitan Area Public Facilities and Services Plan*, adopted in 2001 and amended in 2004 and 2006, is in need of modification to reflect wastewater collection system upgrades to several lines and pump stations within the urban growth boundary of the City of Springfield; and

WHEREAS, at the conclusion of a joint public hearing with the Springfield Planning Commission on May 6, 2008, both the Lane County and Springfield planning commissions recommended the *Eugene-Springfield Metropolitan Area Public Facilities and Services Plan*, Table 4, Table 16 and Map 2, be amended to reflect upgrades to certain wastewater lines and pump stations within the Springfield UGB, and that these same amendments be adopted into the *Eugene-Springfield Metropolitan Area General Plan* consistent with Policy G.3, Chapter III, Section G *Public Facilities and Services Element* of the *Metro Plan*, and

WHEREAS, the Board of County Commissioners has conducted a public hearing and is now ready to take action based upon the above recommendations and the evidence and testimony already in the record as well as the evidence and testimony presented at the public hearing held in the matter of amending the *Public Facilities and Services Plan* and the *Metro Plan*, and

NOW THEREFORE, the Board of County Commissioners of Lane County ordains as follows:

Section 1. The *Eugene-Springfield Metropolitan Area Public Facilities and Services Plan* (PFSP) is modified and amended to insert the map (Map 2) and table (Tables 4 and 16) changes or additions as set forth in Exhibit A and B attached and incorporated herein, which amendments are hereby adopted.

Section 2. The *Public Facilities and Services Element* (Section III-G) of the *Eugene-Springfield Metropolitan Area General Plan (Metro Plan)* is further modified and amended consistent with Policy G.3 to include the modifications and amendments to the PFSP Tables 4 and 16 and Map 2 as set forth in Exhibits A and B attached and incorporated herein, which amendments are hereby also adopted as part of the *Metro Plan*. Project timing and estimated costs are not adopted as policy.

FURTHER, although not part of the Ordinance, the Board of County Commissioners adopts the findings set forth in the attached Exhibit "C" in support of this action.

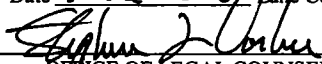
The prior designations and provisions repealed by this Ordinance shall remain in full force and effect to authorize prosecution of persons in violation thereof prior to the effective date of this Ordinance.

If any section, subsection, sentence, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portions hereof.

ENACTED this ____ day of _____, 2008

Chair, Lane County Board of Commissioners

Recording Secretary for this Meeting of the Board

APPROVED AS TO FORM
Date 8-26-2008, Lane County

OFFICE OF LEGAL COUNSEL

Eugene-Springfield Public Facilities and Services Plan Planned MWMC Wastewater Project Sites

Further details of specific projects at each of the identified sites are described in tables 3, 4, 4a and 4b

Planned Metro Wastewater Sites

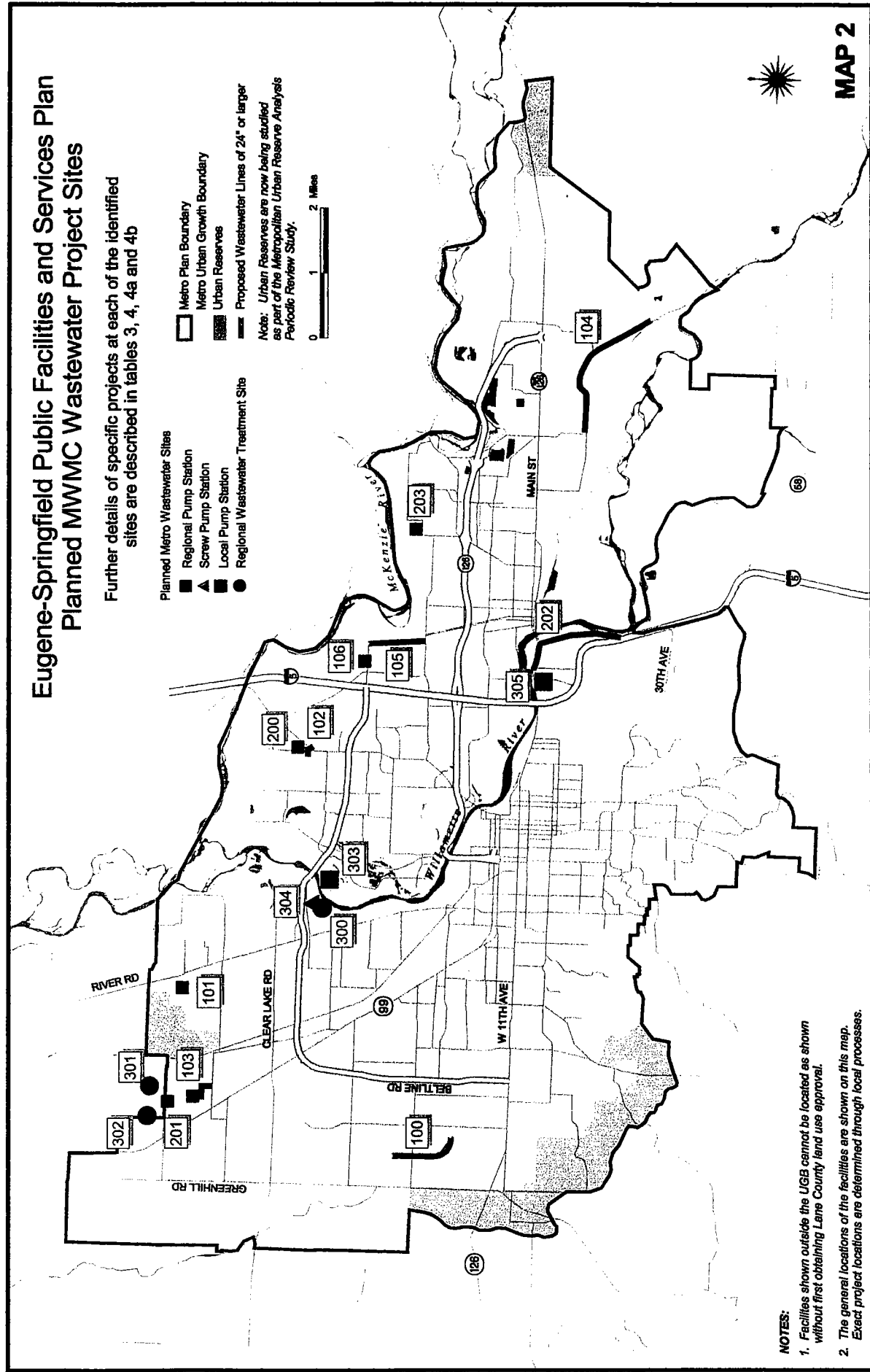
- Regional Pump Station
- ▲ Screw Pump Station
- Local Pump Station
- Regional Wastewater Treatment Site

Metro Plan Boundary

- ▭ Metro Urban Growth Boundary
- ▨ Urban Reserves
- ▩ Proposed Wastewater Lines of 24" or larger

Notes: Urban Reserves are now being studied as part of the Metropolitan Urban Reserve Analysis Periodic Review Study.

0 1 2 Miles



- NOTES:**
1. Facilities shown outside the UGB cannot be located as shown without first obtaining Lane County land use approval.
 2. The general locations of the facilities are shown on this map. Exact project locations are determined through local processes.

Table 4
City of Springfield Wastewater System Improvement Projects

Project Number	Project Name/Description
	<i>Short-Term</i>
104	Jasper Road sewer extension
105	Game Farm Road trunk sewer
105	10 th & N Street Upgrade
106	Gateway/Harlow Road pump station upgrade
106	E Street (Central Trunk) upgrade
107	Main Street Sewer upgrade # 1
108	Nugget Way pump station upgrade
109	Hayden Lo pump station upgrade
110	River Glen pump station upgrade
	<i>Long-Term</i>
202	East Glenwood gravity sewer
202	Harbor Drive pump station
203	19th Street pump station
203	Peace Health pump station

Table 16
City of Springfield
Wastewater System Improvements, Estimated Costs, and Timing

Project Number	Project Name/Description	Cost (\$000)	Estimated Completion Year
	Short Term		
104	Jasper Road sewer extension	3,500	1999-2004
104	Jasper Road sewer extension	11,600	2010-2012
105	Game Farm Road trunk sewer	1,500	1999-2004
105	10 th & N Street Upgrade	3,950	2010
106	Gateway/Harlow Road pump station upgrade	1,500	1999-2004
106	E Street (Central Trunk) upgrade	2,500	2010-2013
107	Main Street Sewer upgrade # 1	2,100	2010-2013
108	Nugget Way pump station upgrade	1,400	2010
109	Hayden Lo pump station upgrade	1,050	2010-2013
110	River Glen pump station upgrade	1,200	2010-2013
	Long Term		
202	East Glenwood gravity sewer	1,100	2005-2006
202	Harbor Drive pump station	3,340	2015-2020
203	19th Street pump station	500	2005-2006
203	Peace Health pump station	3,190	2012-2017

**Ordinance No. PA 1253
Findings of Compliance with the Metro Plan and Statewide Goals and
Administrative Rules**

Applicant:

City of Springfield, Public Works Department

Eugene- Springfield Metropolitan Area General Plan Amendment Criteria

The proposed amendments are considered to be Type II Metro Plan amendments because they are site specific amendments to Plan project lists and maps. Type II Metro Plan amendments inside the city limits shall be approved by the Home City; Type II Metro Plan amendments between the city limits and the Plan Boundary shall be approved by the Home City and Lane County. At least three of the pump stations are outside the city limits therefore Lane County must co-adopt these amendments.

Springfield and Lane County adopted identical Metro Plan amendment criteria into their respective implementing ordinances and codes. Springfield Development Code (SDC) Chapter 5, Section 5.14-135(C) (1 & 2) and Lane Code 12.225(2) (a & b) require that the amendment be consistent with relevant statewide planning goals and that the amendment not make the Metro Plan internally inconsistent. These criteria are addressed as follows:

- (a) *The amendment must be consistent with the relevant statewide planning goals adopted by the Land Conservation and Development Commission;*

Goal 1 – Citizen Involvement

To develop a citizen involvement program that insures the opportunity for citizens to be involved in all phases of the planning process.

The two cities and the county have acknowledged land use codes that are intended to serve as the principal implementing ordinances for the Metro Plan. Chapter 5 of the SDC, Metro Plan Amendments; Public Hearings, prescribe the manner in which a Type II Metro Plan amendment must be noticed. Citizen involvement for a Type II Metro Plan amendment not related to an urban growth boundary amendment requires: Notice to interested parties; notice to properties and property owners within 300 feet of the proposal; published notice in a newspaper of general circulation; and notice to the Department of Land Conservation and Development (DLCD) at least 45 days before the initial evidentiary hearing (planning commission).

Notice of the joint planning commission hearing was mailed on April 18, 2008; notice was published in the Register-Guard on April 24, 2008. Neighborhood Associations, if any, were mailed notice on April 18, 2008. Notice of the first evidentiary hearing was provided to DLCD on March 4, 2008. Lane County is participating in this matter; Eugene was sent a referral on February 20, 2008.

Springfield's Committee for Citizen Involvement (CCI) met on March 4, 2008 to discuss citizen involvement opportunities. A public workshop, website posting, two public hearings (Planning Commission, City Council) and mailed notice to neighborhood associations, local engineering firms, developers and other stakeholders were approved by the CCI.

Requirements under Goal 1 are met by adherence to the citizen involvement processes required by the Metro Plan and implemented by the Springfield Development Code, Chapter 5 and Lane Code Sections 12.025 and 12.240.

Goal 2 – Land Use Planning

To establish a land use planning process and policy framework as a basis for all decisions and actions related to use of land and to assure an adequate factual base for such decisions and actions.

All land-use plans and implementation ordinances shall be adopted by the governing body after public hearing and shall be reviewed and, as needed, revised on a periodic cycle to take into account changing public policies and circumstances, in accord with a schedule set forth in the plan. Opportunities shall be provided for review and comment by citizens and affected governmental units during preparation, review and revision of plans and implementation ordinances.

Implementation Measures – are the means used to carry out the plan. These are of two general types: (1) management implementation measures such as ordinances, regulations or project plans, and (2) site or area specific implementation measures such as permits and grants for construction, construction of public facilities or provision of services.

The current version of the Metro Plan was last adopted in 2004 (Springfield Ordinance No. 6087; Eugene Ordinance No. 20319; and Lane County Ordinance No. 1197) after numerous public meetings, public workshops and joint hearings of the Springfield, Eugene and Lane County Planning Commissions and Elected Officials.

Subsequent to these Metro Plan adoption proceedings, Eugene, Springfield and Lane County considered amendments to Chapter III-G Public Facilities and Services Element and Chapter V Glossary of the Metro Plan; and amendments to the Public Facilities and Services Plan by adding new tables (4a; 4b; 16a) and a new map (2a) identifying wastewater treatment facilities and conveyance systems in Chapter II; amended Chapter IV wastewater system condition assessment; and added a new Chapter VI Amendments. These amendments were also reviewed at public meetings, public workshops and joint hearings of the Springfield, Eugene and Lane County Planning Commissions and Elected Officials. These amendments were appealed to LUBA and subsequently some (project list) were remanded to the elected officials for additional clarification and description of

projects associated with the wastewater treatment facility expansion. The elected officials adopted these remanded amendments in 2006.

The Metro Plan is the “land use” or comprehensive plan required by this goal; the Springfield Development Code and the Lane Code are the “implementation measures” required by this goal. Comprehensive plans, as defined by ORS 197.015(5), must be coordinated with affected governmental units. Coordination means that comments from affected governmental units are solicited and considered.

Goal 3 – Agricultural Lands

To preserve and maintain agricultural lands.

The changes do not affect Metro Plan or PFSP consistency with this goal and it does not apply within adopted, acknowledged urban growth boundaries. None of the proposed projects are intended to provide wastewater service outside the UGB; the projects were recommended in the Wastewater Master Plan to “meet the city of Springfield’s projected population and employment growth through the (2025) planning year.”

Goal 4 – Forest Lands

To conserve forest lands by maintaining the forest land base and to protect the state’s forest economy by making possible economically efficient forest practices that assure the continuous growing and harvesting of forest tree species as the leading use on forest land consistent with sound management of soil, air, water, and fish and wildlife resources and to provide for recreational opportunities and agriculture.

The changes do not affect Metro Plan or PFSP consistency with this goal and it does not apply within adopted, acknowledged urban growth boundaries. None of the proposed projects are intended to provide wastewater service outside the UGB; the projects were recommended in the Wastewater Master Plan to “meet the city of Springfield’s projected population and employment growth through the (2025) planning year.”

Goal 5 – Open Spaces, Scenic and Historic Areas, and Natural Resources

To protect natural resources and conserve scenic and historic areas and open spaces.

The City has finished all work required under Goal 5 during the most recent Periodic Review (completed in 2007). None of the proposed project additions are located within any of the City’s protected Goal 5 resource sites; none of the proposed projects were designed or intended to allow development to occur within a protected resource site; the presence of urban services does not invalidate Goal 5 inventories or protection measures even if the new urban service becomes available to any of these sites; these Goal 5 sites were identified and protected

because they qualified under city or state laws, not because of a lack of available services. The changes do not affect acknowledged Goal 5 inventories so this proposal does not create an inconsistency with the goal.

Goal 6 – Air, Water and Land Resources Quality

To maintain and improve the quality of the air, water and land resources of the state.

This goal is primarily concerned with compliance with federal and state environmental quality statutes, and how this compliance is achieved as development proceeds in relationship to air sheds, river basins and land resources.

The Federal Water Pollution Control Act, P.L. 92-500, as amended in 1977, became known as the Clean Water Act (33 U.S.C. 1251 et seq.). The goal of this Act was to eliminate the discharge of pollutants into the navigable waters. ORS 468B.035 requires the Oregon Environmental Quality Commission (EQC) to implement the Federal Water Pollution Control Act. The primary method of implementation of this Act is through the issuance of a National Pollutant Discharge Elimination System (NPDES) permit prior to the discharge of any wastes into the waters of the state. (ORS 468B.050) Among the “pollutants” regulated by the EQC are temperature (OAR 340-041-0028) and toxic substances (OAR 340-041-0033).

Previously, the Plan was amended to ensure that the Metro Plan and the PFSP accurately reflect regional wastewater system needs as imposed by Federal and State regulation. Currently, the PFSP states that “... the Regional Wastewater Treatment Plant has sufficient design capacity to accommodate population increases and serve all new development at buildout.” This amendment takes the next step in bringing the plan current by incorporating those local facilities in Springfield which are required to adequately and efficiently convey sewage to the Regional Wastewater Treatment Plant for treatment. The proposed amendment is based on the most current draft of a Sanitary Sewer Master Plan now under preparation for the City. That Plan is anticipated to be adopted by the City of Springfield in mid-2008. Until that time, it is possible that the list of projects may be amended and, accordingly that the current drafts of the proposed map and table amendments will be further modified to conform to the provisions of the adopted Master Plan

Goal 7 – Areas Subject to Natural Disasters and Hazards

To protect people and property from natural hazards.

The Metro Plan and the City’s development code are acknowledged to be in compliance with all applicable statewide land use goals, including Goal 7. The proposed projects are not located within hazard areas nor does their presence have any affect on existing policies or procedures adopted by the City of Springfield

and applicable in hazard areas. This Goal is unaffected by the presence or absence of urban services to natural hazard areas.

Goal 8 – Recreational Needs

To satisfy the recreational needs of the citizens of the state and visitors and, where appropriate, to provide for the siting of necessary recreational facilities including destination resorts.

All of the proposed projects are intended to accommodate future growth in population and employment. What is meant, but not stated in this general concept of “future growth in population and employment” is that it includes ancillary activities as well. The Metro Plan anticipates up to 32% of residential designation will be occupied by these ancillary activities: “In the aggregate, non-residential land uses consume approximately 32 percent of buildable residential land. These non-residential uses include churches, day care centers, parks, streets, schools, and neighborhood commercial.” (Page III-A-4, Metro Plan) Determination of pipe sizes and pump capacity includes the presence of these land uses and in any case, the Willamalane Park and Recreation Master Plan includes future park sites needed to keep pace with residential growth.

Goal 9 – Economic Development

To provide adequate opportunities throughout the state for a variety of economic activities vital to the health, welfare, and prosperity of Oregon’s citizens.

The Metro Plan cites the provision of adequate public facilities and services as necessary for economic development. Objective 10, at page III-B-4 states: Provide the necessary public facilities and services to allow economic development. Policy B25, at Page III-B-6, states: Pursue an aggressive annexation program and servicing of designated industrial lands in order to have a sufficient supply of “development ready” land. Policy B26, at page III-B-6, states: In order to provide locational choice and to attract new campus industrial firms to the metropolitan area, Eugene and Springfield shall place as a high priority service extension, annexation, and proper zoning of all designated special light industrial sites. All of these policies are served by the proposed amendments to the Metro Plan and PFSP as these projects are intended to meet future demand generated by population and employment growth. Additionally, it is the provision of key urban services that typically determines suitability of land to be converted from rural to urban and to be annexed into the city limits: “Land within the UGB may be converted from urbanizable to urban only through annexation to a city when it is found that: a. A minimum level of key urban facilities and services can be provided to the area in an orderly and efficient manner; b. There will be a logical area and time within which to deliver urban services and facilities. Conversion of urbanizable land to urban shall also be consistent with the *Metro Plan.*” (Page II-C-4, Metro Plan) Each of the pump stations is located in or near areas not yet annexed or developed with planned urban uses. These pump stations will allow wastewater extension to these lands so that planned development may

occur. The Nugget Way and PeaceHealth pump stations in particular will facilitate commercial and industrial development by making available this mandatory urban service.

Goal 10 – Housing

To provide for the housing needs of citizens of the state. Goal 10 Planning Guideline 3 states that “[P]lans should provide for the appropriate type, location and phasing of public facilities and services sufficient to support housing development in areas presently developed or undergoing development or redevelopment.”

OAR 660–008–0010 requires that “[S]ufficient buildable land shall be designated on the comprehensive plan map to satisfy housing needs by type and density range as determined in the housing needs projection.” Goal 10 defines buildable lands as “...lands in urban and urbanizable areas that are suitable, available and necessary for residential use.” 660–008–0005(13), in part, defines land that is “suitable and available” as land “for which public facilities are planned or to which public facilities can be made available.”

Similar to Goal 9, adequate public facilities are necessary to accomplish the objectives of this goal and applicable administrative rules (OAR Chapter 660, Division 008). The purpose of the proposed amendments is to provide the capacity for future development (year 2025) of residential (population) and commercial and industrial (employment) use consistent with the comprehensive plan.

Goal 11 – Public Facilities and Services

To plan and develop a timely, orderly and efficient arrangement of public facilities and services to serve as a framework for urban and rural development.

OAR Chapter 660, Division 011, implements goal 11. OAR 660–011–0030(1) requires that the public facility plan list the proposed projects and identify the general location of the project on a map. The proposal will add nine projects to Tables 4 and 16; delete four projects from these same tables in recognition of their completion or supplanted need; and show the location of all proposed projects on Map 2. These tables and map are adopted as part of the Metro Plan, but are located in, and are a part of the PFSP.

OAR 660–011–0035(1) requires that the public facility plan include a rough cost estimate for sewer public facility projects identified in the facility plan. In conformity with this requirement, Table 16 includes rough cost estimates for all nine proposed projects. These costs are derived from the work performed during the preparation of the Wastewater Master Plan.

OAR 660–011–0045 requires certain elements of the public facility plan to be adopted as part of the comprehensive plan. These elements include the list of

public facility project titles (Table 4); the map or written description of the public facility projects locations or service areas (Map 2); and policies or urban growth management agreements designating the provider of each public facility system. No policy amendments are proposed in this action. The notice of proposed amendment sent to DLCD, the notice of the hearing on these amendments, and the applicable criteria are consistent with the provisions for a land use decision and the post-acknowledgment procedures of ORS 197.610.

Goal 12 - Transportation

To provide and encourage a safe, convenient and economic transportation system.

The transportation system plan is not dependent upon, or influenced by the wastewater system plan. Land development cannot occur in the absence of infrastructure and that includes wastewater and transportation; but neither the goals nor the OARs require a corollary analysis of each of these services when the city is proposing one or both of these plans for post-acknowledgement amendment. All of the proposed amendments are needed to upgrade (expand the capacity of) existing facilities. In each case, the planned transportation facilities are: 1 already in place; 2 under construction; 3 in design; or, 4 planned. The changes do not affect Metro Plan or PFSP consistency with this goal.

Goal 13 – Energy Conservation

To conserve energy.

3. Land use planning should, to the maximum extent possible, seek to recycle and re-use vacant land and those uses which are not energy efficient.

All of the projects are upgrades or expand the capacity of existing systems. Such a strategy maximizes the efficiency of the existing system (sunk cost) and provides for infill and redevelopment opportunities that couldn't go forward without these improvements. The changes do not affect Metro Plan or PFSP consistency with this goal.

Goal 14 – Urbanization

To provide for an orderly and efficient transition from rural to urban land use, to accommodate urban population and urban employment inside urban growth boundaries, to ensure efficient use of land, and to provide for livable communities.

The amendments do not affect the existing UGB; they will allow capacity expansion of existing facilities to enable projected planned population and employment growth through the (2025) planning year. If these upgrades do not occur, projected population and employment growth will need to be accommodated beyond the existing UGB. The proposed amendments will potentially delay when UGB adjustments must be taken and may reduce the

acreage necessary to accommodate projected growth. The changes do not affect Metro Plan or PFSP consistency with this goal.

Goal 15 – Willamette River Greenway

To protect, conserve, enhance and maintain the natural, scenic, historical, agricultural, economic and recreational qualities of lands along the Willamette River as the Willamette River Greenway.

There are two projects in proximity to the Willamette River: Nugget Way and Harbor Drive pump stations. The presence of these facilities, and the necessary upgrades, will allow planned development of these areas to occur, but not at the exclusion of any other rules or standards that may be applicable to even permitted development. For example, development within the Greenway Boundary is permitted but is subject to SDC 3.3-300 regardless of the presence or absence of infrastructure. The changes do not affect Metro Plan or PFSP consistency with this goal.

Goal 16 Estuarine Resources, Goal 17 Coastal Shorelands, Goal 18 Beaches and Dunes, and Goal 19 Ocean Resources

These goals do not apply to the Eugene-Springfield Metropolitan Area.

- (b) *Adoption of the amendment must not make the Metro Plan internally inconsistent.***

The project lists and maps contained in the PFSP were adopted as part of the Metro Plan in 2004 and 2006. The project lists in the PFSP, in the form of tables, include pump stations and any pipes 24 inches or larger; the maps show the general location or service area of the projects. The proposed amendments include pump stations and pipes 24 inches or large, project descriptions, and changes to the map to show the general location of each project. These same amendments are applied to the same project lists (Tables 4 and 16) and maps (Map 2) in the PFSP that are specifically adopted as part of the Metro Plan. This action constitutes the quintessential test of consistency. The proposed changes, as presented, will not create internal inconsistencies within the Metro Plan.

In addition to the foregoing, the proposed amendments are consistent with the following Metro Plan policies:

“Extend the minimum level and full range of key urban facilities and services in an orderly and efficient manner consistent with the growth management policies in Chapter II – C, relevant policies in this chapter, and other Metro Plan policies.” (Page III-G-4, policy G.1)

“Use the planned facilities maps of the Public Facilities and Services Plan to guide the general location of water, wastewater, stormwater, and electrical projects in the

metropolitan area. Use local facility master plans, refinement plans, and ordinances as the guide for detailed planning and project implementation.” (Page III-G-4, policy G.2)

“Modifications and additions to or deletions from the project lists in the Public Facilities and Services Plan for water, wastewater, and stormwater public facility projects or significant changes to project location, from that described in the Public Facilities and Services Plan planned facilities Maps 1, 2 and 3, requires amending the Public Facilities and Services Plan and the Metro Plan...” (Page III-G-4, policy G.3)

“Use annexation, provision of adequate public facilities and services, rezoning, redevelopment and infill to meet the 20-year projected housing demand.” (Page III-A-5, policy A.4)

“Endeavor to provide key urban services and facilities required to maintain a five-year supply of serviced, buildable residential land.” (Page III-A-6, policy A.7)

“Coordinate higher density residential development with the provision of adequate infrastructure and services, open space, and other urban amenities.” (Page III-A-7, policy A.12)

“Coordinate local residential land use and housing planning with other elements of this plan, including public facilities and services, and other local plans, to ensure consistency among policies.” (Page III-A-13, policy A.35)

Conclusion

The findings shown above demonstrate adoption of this amendment to the Metro Plan and the Public Facilities and Services Plan, does not create internal inconsistencies within the Metro Plan or it’s related functional and refinement plans. The amendment is shown by the findings above to also be in full compliance with Statewide Planning Goals and Oregon Administrative Rules as required by Oregon law.

City of Springfield
Regular Meeting

MINUTES OF THE JOINT REGULAR MEETING OF
THE SPRINGFIELD PLANNING COMMISSION
AND THE LANE COUNTY COMMISSION
Tuesday, May 6, 2008

The City of Springfield Planning Commission met in regular session in the Council Meeting Room, 225 Fifth Street, Springfield, Oregon on Tuesday, May 6, 2008, 7 p.m., with Frank Cross as Springfield Planning Commission Chair.

ATTENDANCE

Present were Chair Frank Cross, Vice Chair Johnny Kirschenmann and Planning Commissioners Lee Beyer, Sheri Moore, Eric Smith, Terri Leezer and Steve Moe. Also present were Development Service Director Bill Grile, Planning Manager Greg Mott, Planning Supervisor Linda Pauly, Planning Secretary Brenda Jones, and City Attorney Joe Leahy.

Also Present from Lane County Commission Chair John Sullivan, Vice Chair Lisa Arkin and Lane County Commissioners Stephen Dignam, Jozef Siekiel-Zdzienicki, Ed Becker, Todd Johnston, Nancy Nichols. Also present was Lane County Land Management Division staff Stephanie Schulz.

ABSENT

- One Lane County Commissioner – Howard Shapiro (one vacant position)

PLEDGE OF ALLEGIANCE

- The Pledge of Allegiance was led by Chair Frank Cross.

BUSINESS FROM THE AUDIENCE

- None

QUASI-JUDICIAL PUBLIC HEARING

- **Public Facilities and Services Plan Amendment (PFSP)–**

The City of Springfield proposed to amend the Eugene-Springfield Metropolitan Area General Plan (Metro Plan) and the Eugene-Springfield Public Facilities and Services Plan (PFSP) by adding or modifying nine projects in Table 4 of the PFSP, deleting four projects from Table 4 and five projects from Table 16 of the PFSP, and updating Map 2 in the general location of the new projects added to Table 4. Because the Metro Plan adopted these maps and tables as part of the adoption of the PFSP in 2001, any

amendments to these maps and tables in the PFSP requires a concurrent amendment to the Metro Plan.

The City of Springfield has determined that upgrades to the city's wastewater collection system need to be undertaken in order to provide wastewater services to future planned population and employment growth. Several of these upgrades need to be included in the lists and maps of the Metro Plan and the Public Facilities and Services Plan. Inclusion of these projects into these documents requires a post-acknowledgement plan amendment, the Lane County Board of Commissioners must co-adopt these amendments because several of these facilities are outside the city limits, by provision in the Metro Plan, the City of Eugene is not required to participate and had opted not to do so.

The City of Springfield completed an analysis of its wastewater collection system and has used this analysis as a basis for development of the Wastewater Master Plan – 2008 (WWMP). The WWMP replaces several earlier sanitary sewer plan/studies that attempted to address issues needs on a basin-by basin basis. These earlier studies were based on Springfield having its own treatment plant facility (formerly located at Aspen and West D); on various state and federal water quality laws subsequently superseded; and on data not on par with the quantity and quality of data currently available to undertake such an analysis. The WWMP unifies the city's collection system under a single plan; acknowledges the single regional treatment plan and makes appropriate adjustments to new environmental laws. The WWMP makes a number of comprehensive recommendations for improvement to the system including upgrades to several pipe systems and pumps. The significance of some of these facilities upgrades requires their inclusion in the Metro Plan and PFSP as specified in Oregon Administrative Rule 60 Division 11 – Public Facilities Planning.

Greg Mott Springfield Planning Manager reviewed the requests before the commissions and explained the relationship between the two planning documents under consideration.

Mr. Mott recalled that the elected officials had amended the Metro Plan and PFSP in 2004 to accommodate new capital projects related to the MWMC expansion. Those amendments were appealed to the Land Use Board of Appeals (LUBA), which remanded the decision for corrective action. That corrective action was taken by the three local jurisdictions in 2006. The document being proposed for amendment now, represents the cumulated PFSP originally adopted in 2001 and as amended in 2004 and 2006.

Mr. Mott called the commissioners' attention to maps mounted on the meeting room wall: Existing Map 2, a map showing new projects being added to the PFSP; and a map combining the elements of the other two maps that would be the final map included in the PFSP. He said the commissions' were also being asked to adopt changes to tables 4 and 16, which listed the Springfield projects.

Mr. Mott noted the criteria used to amend the Metro Plan, which was mounted on the meeting room wall and also found in Springfield Development Code 5.14-135. He said Chapter 12 of the Lane County Code included the same criteria.

Mr. Mott reported that the impetus for the amendments was the creation of Springfield's Wastewater Master Plan (WWMP). The system improvements reflected in the amendments being proposed include some of the projects envisioned in that plan, which were intended to provide the capacity needed for development of the community's planned land uses within the urban growth boundary (UGB). Some of the projects in the plan rose to the threshold that triggered the need for the amendments before the commissioners.

Mr. Mott shared the notice that had been sent on April 18 to more than 1,800 interested parties in regard to the proposed amendments. It included the maps and tables being amended. He said the nature of the systems in question were citywide and the fact the projects were in a particular location had nothing to do with the provision of service within 300 feet of those locations, but in lieu of sending notice to everyone, staff relied on the existing code.

Mr. Mott noted the e-mail sent by a Springfield resident inquiring about the pump station located near his house, and the e-mail exchange between himself and Laura Segal of the Goal 1 Coalition in regard to the availability of the meeting materials.

Mr. Mott reported that the Springfield City Council and Lane Board of County Commissioners would consider the recommendation of the two commissions at a meeting to be scheduled in the future. That would result in additional public notice.

Matt Stouder, civil engineer with Springfield Public Works, provided some background regarding the development of the WWMP.

Mr. Stouder referred the commissioners to Figure 5.3, "Systems Improvements," in the WWMP, included in the meeting packet, which identified the location and category of projects related to the existing system. He then called attention to Figure 5.5, "Expanded Service Pipes," showing projects intended to serve new growth.

Mr. Stouder reported that staff would share any comments from the meeting with the consultant, CH2M Hill, for evaluation. He noted that staff would go to the Springfield council on June 16 to request adoption of the WWMP.

Mr. Stouder invited questions.

Mr. Dignam asked how many of the City's projects were outside city limits but within the UGB. Mr. Stouder referred him to Project 104, the Jasper Road trunk service station, Project 202, the Harbor Drive pump station, and a pump station intended to serve the PeaceHealth property when it was developed.

Responding to a question from Mr. Siekiel-Zdzienicki, Mr. Stouder clarified there were only two pump stations outside the city limits.

Ms. Nichols asked why there was no provision for sewers in the Harbor Drive area planned in the next 20 years. She said it appeared to be densely developed. Mr. Stouder said the City was planning for service in that area, and the Harbor Drive pump station was a first step in that area.

Responding to a question from Ms. Arkin., Mr. Stouder said that Springfield's waste goes to the Metropolitan Wastewater Treatment Plant. Ms. Arkin asked if "part of this plan" included provisions that required people to annex and hook up to the sewer system. Mr. Stouder explained that the WWMP was a planning tool to identify where current and future need existed. People who wanted to develop in areas outside the city limits must annex to connect to the system. Ms. Arkin asked "and if they don't want to?" Mr. Mott said there was an overlay district in the area between the city limits and UGB that limited the use of the land as it regarded urban uses. Metro Plan policies called for annexation if property was to be urbanized. Services were not to be provided without annexation unless annexation was not possible, and in that case one could look to connection with other service providers that did not require annexation. He said the creation of a service district was intended to be an interim measure until annexation occurred.

Mr. Mott recalled that the Metro Plan was prepared when the community had a boundary commission, and it would soon cease to exist because of changes in State law, meaning those policies needed to be revisited by Eugene and Springfield. The Springfield council adopted an ordinance that provided for property-owner initiated annexations, a remonstrance vote, and noncontiguous annexation for emergency situations such as a failing septic system. That ordinance did not appreciably change the rules that had been applied to annexation in the past. He said Springfield did not intend to substitute anything for the overlay because it was still City policy that urban uses required urban services, and those were provided by one of the two cities.

Ms. Nichols observed that the mobile home parks in the Harbor Drive area were in the UGB and there were no sewers and no plans for sewers. Mr. Mott concurred. He said if the septic systems in that area were found unsafe, it was possible services could be extended in a way similar to the way service was extended to Glenwood, but the City had no plans to force sewers on that area. Ms. Nichols determined from Mr. Mott that the proposed pump station would accommodate future sewers at Harbor Drive if an immediate need arose. Mr. Stouder emphasized that all the lots in Harbor Drive were planned for in regard to future sewers.

City Attorney Joe Leahy observed that the emergency in Glenwood was not one identified by the Department of Environmental Quality (DEQ) but rather by Springfield. Springfield had been unable to secure a DEQ declaration in a timely manner to address problems that were inherited from the City of Eugene.

Responding to a question from Mr. Siekiel-Zdzienicki, Springfield City Engineer Ken Vogney said the City's National Pollutant Discharge Elimination System (NPDES) permit had been administratively extended by the DEQ while it reviewed the City's permit application. The City could continue to legally discharge to the Willamette River.

Responding to a follow-up question from Mr. Siekiel-Zdzienicki, Mr. Vogeney said the DEQ did not necessarily get a copy of the WWMP as the three local jurisdictions were co-permittees and each jurisdiction must sign the permit and each was bound by the same restrictions.

Mr. Beyer observed that the DEQ did not care about what went into the treatment plant, but about what came out of the plant. Mr. Vogeney concurred that was true for the permit in question.

Mr. Vogeney clarified the record, noting that in Glenwood, Springfield had faced both DEQ compliance orders to connect to the wastewater system in the case of two mobile home parks, and also dealt with private residences with failed septic systems.

Mr. Beyer observed that the plan was quite specific as to size of pipe, and asked if a change in pipe diameter would require a formal plan amendment. Mr. Stouder said staff would require a developer to provide an engineering analysis in regard to system capacity for more accurate data, but he thought the consultant had done a good job and that issue should not come up.

Mr. Mott pointed out the WWMP was a decision for the Springfield council and was not a part of the PFSP. If and when the council adopted the plan, it could include a provision that addressed the question raised by Mr. Beyer and giving staff latitude to make design changes as a result of the analysis process. He noted that final engineering design was not a part of the land use process because it was impossible to capture the specificity of such a document in a planning document, and it was not fundamental to goal compliance if a pipe was 10 inches or 12 inches. He suggested the only time that might be an issue would be if a 20 inch pipe was proposed and a later analysis indicated a 25 inch pipe was required as 24 inches was the regulatory threshold for an amendment to the PFSP.

Mr. Beyer endorsed Mr. Mott's suggestion that the council could amend the ordinance to be clear that future PFSP and Metro Plan amendments were not required for minor pipe size changes.

Responding to a question from Ms. Moore about the relationship between the WWMP and the upgrades being done to regional wastewater capacity, Mr. Stouder said they were related and the same consultant was working on Springfield's plan and the MWMC plan. He said the considerable amount of rehabilitation anticipated in the plan was related to the need to limit flow to the plant.

Mr. Siekiel-Zdzienicki asked the origin of the population projections used by Springfield, and if they were taken from the Region 2050 process. Mr. Mott said Springfield updated the Residential Element of the Metro Plan in 1999 and at that time updated the population projection and out-year for the planning horizon to 2015. He acknowledged the projection exercise was not a precise science. The amendments made to the PFSP in 2004 established an assumed out year of 2025 with an assumed population of 285,000. He said that the Region 2050 projections were being used in other planning processes.

He anticipated that the eventual planning out year necessitated by the establishment of separate Eugene and Springfield UGBs would be the same as for transportation planning documents with new population projections out to that new out year.

Mr. Cross opened the public hearing.

Lavone Helman, 12th and M Street, recalled that in 2003, the City replaced the cement sewer pipes at the rear of her property with plastic pipe. The cement pipes had been old and cracked and the rain water ran into them. When replaced, the rain water had no where to go and backyards were flooded. She acknowledged the record rain fall that year, and changes in the topography of the land that contributed to the flooding. She also acknowledged that it was not efficient for the City to process rainwater with the sewer. Ms. Helman said she did not know why, but conditions since then had improved, and the City had been wonderful in helping residents find solutions, such as rerouting their gutter systems. However, she still experienced some flooding in the area around the easement. She planned to install a dry well.

Ms. Helman said that people do not come forward unless they are having problems, and she asked the commissioners to keep those people in mind.

There being no further requests to speak, Mr. Cross closed the public hearing. He called for summation by the staff. Staff had no further comments.

Mr. Cross called for commission comments. He noted that the commissioners had received no request to hold the record open.

Responding to a question from Ms. Nichols, Mr. Mott clarified that the flexibility in the ability to change pipe size that Mr. Beyer was seeking was related to the City's WWMP, which was not part of the PSPF.

Responding to a question from Mr. Siekiel-Zdzienicki, Mr. Mott said there was no requirement that the City's urban facilities be located inside the city limits. Those facilities can be located outside the city limits or the UGB, but no one living in those places can connect to them without annexation. He confirmed that various permits would be required for the City to work in the right-of-way owned by other agencies.

Mr. Beyer, seconded by Ms. Leezer, moved that the Springfield Planning Commission recommend to the joint elected officials the adoption of the amendments, Reference LRP-2000-0007, to the Metro Plan as proposed in the staff report, based on the findings and facts therein.

Mr. Moe indicated he would abstain from the vote as he had not been part of the process until the meeting.

The motion passed, 6:0:1; Mr. Moe abstaining.

Mr. Beyer, seconded by Mr. Smith, moved that the Springfield Planning Commission recommend adoption to the joint elected officials of the proposed amendments to the Public Facilities Service Plan, Reference LRP-2000-0007, based on the staff report and the findings of fact contained therein. The motion passed, 6:0-:1; Mr. Moe abstaining.

Mr. Dignam, seconded by Mr. Johnston, moved that the Lane County Planning Commission recommend approval of the proposed amendment to the Eugene-Springfield Metropolitan Area General Plan.

Mr. Dignam concurred with staff that the proposal was consistent with the applicable plan policies and complied with relevant statewide planning goals.

The motion passed unanimously, 7:0.

Mr. Dignam, seconded by Mr. Johnston, moved that the Lane County Planning Commission recommend approval of the proposed amendment to the Public Facilities Service Plan.

Mr. Dignam concurred with staff that the proposal was consistent with the applicable plan policies and complied with relevant statewide planning goals.

The motion passed unanimously, 7:0.

Mr. Cross closed the joint public hearing at 8:02 p.m.

BUSINESS FROM THE DEVELOPMENT SERVICES DIRECTOR

- None

REPORT OF COUNCIL ACTION

- None

BUSINESS FROM THE COMMISSION

- None

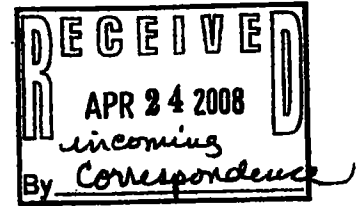
ADJOURNMENT

- The meeting was adjourned at 9:00 p.m.

Minutes recorded by Brenda Jones, and Transcribed by Kim Young.


RON K. EWERT, D.D.S.
comprehensive family dental care

LRP2008-00007
PA 1253 Attachment 3



Greg Mott, Planning Manager
Development Services Department
225 Fifth Street
Springfield, OR 97477

4/21/08

Dear Greg,

In response to the notice I received about upgrade to the wastewater lines that will travel down 14th street, I have just one concern. My parking lot, which I share with Bryce Jesson, Attorney at Law, is only accessible from 14th street. When construction occurs, will my patients and his clients be able to access the parking lot? The only day my office is closed is Friday. If there were any times when the lot was to be obstructed, Friday would be the day to do so.

Thanks for your consideration in this matter!

A handwritten signature in black ink, appearing to be "Ron Ewert".

Ron Ewert, DDS

Mike Pether
Rue Glen Johnson
called with 2:4

telephone 541-741-2252 • fax 541-741-7390

750 North 14th Street (Corner of Mohawk & G Street) • Springfield, Oregon 97477

MOTT Gregory

From: MOTT Gregory
Sent: Friday, May 02, 2008 7:49 AM
To: 'Lauri Segel'
Subject: RE: April 21 CC Agenda Item

Lauri,

The PFSP amendments documents were posted at the DSD/Planning Home page on the 25th of April around 4 in the afternoon, and a set of paper copies were available at the same time. I don't yet have a date for the elected officials hearing so nothing has been prepared for our Council other than the AIS requesting Council initiation of the amendment; I'll just email that to you. Once a date is selected all of these documents will be sent to the City Manager's Office and Amy will post them there, too.

gmott

-----Original Message-----

From: Lauri Segel [mailto:lauri@goall.org]
Sent: Thursday, May 01, 2008 11:12 AM
To: MOTT Gregory
Subject: Re: April 21 CC Agenda Item

Greg,
Thank you for getting back to me.

The material is still not posted, although you thought it would be at least as of April 28. I would rather not have to get a hard copy if it is still possible to have that information posted to the CC agendas website.

Please let me know whether or not the materials can be posted.

Thank you for your help.

Lauri Segel
Community Planner
Goal One Coalition
lauri@goall.org
www.goall.org

----- Original Message -----

From: "MOTT Gregory" <gmott@ci.springfield.or.us>
To: "Lauri Segel" <lauri@goall.org>
Sent: Thursday, April 24, 2008 5:50 PM
Subject: RE: April 21 CC Agenda Item

Lauri,

If the right person shows up tomorrow this will all be posted to the Web; if not that won't occur until Monday. You can pick up a copy of the materials anytime after 2 p.m. tomorrow in our office.

gmott

-----Original Message-----

From: Lauri Segel [mailto:lauri@goall.org]
Sent: Thursday, April 24, 2008 4:42 PM
To: MOTT Gregory
Subject: April 21 CC Agenda Item

Greg,

The Laserfiche Weblink to CC agenda materials does not include a link to

one
of the April 21 agenda items, that being council initiation of a MP
amendment
concurrent with PFSP amendments.

Do you have any staff materials (AIS and/or narrative regarding proposed
amendments) that you can forward that provide information about this
proposal, including next steps?

Thank you for your help.

Lauri Segel
Community Planner
Goal One Coalition
lauri@goal1.org
www.goal1.org

MOTT Gregory

From: MOTT Gregory
Sent: Friday, May 02, 2008 7:52 AM
To: 'Lauri Segel'
Subject: AISPFSP
Attachments: AISPFSP.doc

Lauri,

Here's the initiation AIS. The attachments are the documents posted to our Home page.

gmott

5/5/2008

3-4

Mr. Douglas Swinehart
1390 Centennial Blvd.
Springfield, OR 97477

MM. - Karl
ZIP - 3256



Mr. Douglas Swinehart
1390 Centennial Blvd.
Springfield, OR 97477



Mr. Douglas Swinehart
1390 Centennial Blvd.
Springfield, OR 97477

RECEIVED
APR 22 2008
By

MY VOTE: YES

LRP2008-00007

NOTICE OF JOINT PUBLIC HEARING - SPRINGFIELD AND LANE COUNTY PLANNING COMMISSIONS

NOTICE IS HEREBY GIVEN that on Tuesday, May 6, 2008, at 7:00 p.m. in the Council Chambers of Springfield City Hall, 225 Fifth Street, Springfield, OR, the Springfield and Lane County Planning Commissions will conduct a joint public hearing on the following proposals:

Amendments to the Eugene-Springfield Metropolitan Area General Plan by amending Table 4 and 16, and Map 2 of the Public Facilities and Services Plan by adding new wastewater lines 24 inches in diameter in parts of Main Street, E Street, 10th Street and N Street; and new wastewater pump stations in North Gateway, River Glen, Hayden Lo, Harbor Drive and Nugget Way; and by deleting projects from these same tables and maps that have been constructed or are no longer necessary. NOTE: State law requires cities to adopt public facilities plans that contain water, sewer and transportation facilities designed to accommodate projected development within urban growth boundaries. All projects and maps contained in the public facility plan must also be adopted as part of the comprehensive plan; therefore the same tables and maps amended in the Metro Plan are contained in the PFSP and similarly amended.

The decision of the planning commissions will be forwarded to the Springfield City Council and Lane County Board of Commissioners for additional hearings and final action at a time and place to be announced.

Applicant

The City of Springfield, Environmental Services Division.

MY Contribution!

Criteria of Approval

Five Pennies I Found In The Wastewater Drains

Criteria to be used to evaluate a Metro Plan Text Amendment is found in Springfield Development Code, Chapter 5, Section 5.14-135(C)(1-2) and Lane Code Section 12.225(2)(a&b) and reads as follows:

- (a) The amendment must be consistent with the relevant statewide planning goals adopted by the Land Conservation and Development Commission; and
(b) Adoption of the amendment must not make the Metro Plan internally inconsistent.

Additional Information - Staff Provided

Anyone who wishes to testify on this matter may do so in writing or by appearing in person. Written comments should be submitted to the Development Services Department, c/o Greg Mott, Planning Manager, 225 Fifth Street, Springfield, OR 97477, or gmott@ci.springfield.or.us. The application and staff report are available for viewing or purchase after 3:00 p.m. on Friday, April 25, 2008 in the Development Services Department.

Table 4 City of Springfield Wastewater System Improvement Projects

Table with 2 columns: Project Number, Project Name/Description. Lists projects 104-110 and 202-203 including descriptions like 'Jasper Road sewer extension' and 'East-Glenwood gravity-sewer'.

Table 16 City of Springfield Wastewater System Improvements, Estimated Costs, and Timing

Table with 4 columns: Project Number, Project Name/Description, Cost (\$000), Estimated Completion Year. Lists projects 104-110 and 202-203 with associated costs and completion years.

RECEIVED APR 22 2008

Respond to 300' mail out

Executive Summary

Background

The City of Springfield provides wastewater collection and conveyance services using a system of pipelines and pump stations that it owns and operates. Along with the City of Eugene, Springfield discharges to a regional collection and treatment system owned by the Metropolitan Wastewater Management Commission (MWMC). Springfield's collection system discharges to the East Bank Interceptor, a MWMC facility. The master plan provides an assessment of existing and future needs for the City's collection system. Because the City's system contributes to the regional system, the master plan must consider and reflect results of the MWMC's Wet Weather Flow Management Plan (WWFMP) that identified improvements and activities for the wastewater collection and treatment facilities in the Eugene/Springfield (E/S) metropolitan area. That plan determined the most cost-effective and politically feasible solution for managing excessive wet weather wastewater flows acceptable to the MWMC and the Eugene and Springfield communities. Therefore, Springfield's plan provides a local solution for existing and future needs in the context of the regional solution. This is most evident in the level of I/I reduction achieved through pipeline rehabilitation which has been an ongoing system improvement activity following the WWFMP completion in 2001.

The Springfield Wastewater System Master Plan is intended to identify existing and future capacity constraints, determine capacity requirements and identify system improvements necessary to meet the city of Springfield's projected population and employment growth through the (2025) planning year. The hydraulic model used to develop Springfield's Wastewater Master Plan (WWMP) was developed with current inventory and land use data provided by the City. Wet Weather Flow Management Plan (WWFMP) results were considered, and based on additional monitoring data and updated modeling results, a refined solution for Springfield was developed.

Goals of this plan include:

- management of collection system flows and review of projected infiltration and inflow (I/I) removal requirements established in the WWFMP so as to not exceed the capacity of the MWMC Regional Wastewater Facilities currently being upgraded to meet projected flows and loads through 2025,
- providing continued public health and safety, and
- guidance to the development community.

Regulatory Drivers

DEQ has issued a NPDES (National Pollutant Discharge Elimination System) permit (#102486) for Springfield, Eugene and MWMC, which includes conditions under which treated wastewater can be discharged to the Willamette River. Included in those conditions is the requirement that Springfield, Eugene and MWMC fully implement the WWFMP, and that no discharges of untreated wastewater can be discharged to the waters of the state and US except under the following conditions; for flows greater than those occurring for the 24-hour duration,

1 in 5-year winter and 1 in 10-year summer storms. These conditions form the baseline assumptions for overflow avoidance in this plan and are consistent with the assumptions of the WWFMP. The Springfield/Eugene/MWMC NPDES permit will expire December 31, 2007 and DEQ is currently drafting a permit that will cover management of the wastewater system for the subsequent five years.

Public Process

To be completed by City of Springfield staff

Alternative Analysis

Deficiencies

The design storm was applied to the calibrated model to evaluate the existing (2007) pipeline system. System deficiencies were identified and are based on locations where the hydraulic grade line (simulated water surface) is within 2 feet or less than the ground surface elevation. This occurs at a number of locations, therefore, sanitary sewer overflows are possible, particularly in the downtown area and in the eastern end of the Thurston trunk and connecting pipelines to the Main St. trunk.

Improvement Options

- 1. Reduction Through Pipeline Rehabilitation** - Rehabilitation has the potential to reduce construction costs—larger pipes may not be necessary if peak flows due to I/I can be reduced. Consistent with the WWFMP, rehabilitation is assumed to consist of main lines and laterals within the public right-of-way ("public only").

The WWFMP includes recommendation for the Formulation/Definition and Implementation of a Voluntary Private Lateral Program. While the additional reduction due to private lateral replacement is not assumed in the solutions presented, it has been identified as a future program by the City and is described in Section 5.4.5 of the plan.

- 2. Pipeline Replacement With Larger Pipes** - This option increases pipe diameters to create more capacity to convey peak flows. These improvements can also involve a pipe in parallel with the existing line, where the existing line is maintained and its capacity utilized.
- 3. Diversion Pipelines** - This option involves installation of new pipes to divert flow from locations with limited capacity to those with available capacity.
- 4. Pump stations** - When pump stations in collection system do not have capacity to convey the peak flow with the largest pump out of service, they are identified for improvement.

Storage was not considered a cost effective option. Infiltration and Inflow reduction, conveyance improvements, and additional treatment capacity consistent with the MWMC

Facilities Plan were ultimately selected for implementation. In addition, storage was thought to be more of a problem with implementation and siting (being a good neighbor) than any public amenity opportunities (parks, etc.) it would offer.

Existing System Improvements

Gravity replacement pipes, parallel pipes, diversions and pump station upgrades, in addition to system rehabilitation are required to eliminate sanitary sewer overflows under existing conditions (see Figure ES-1). A diversion pipe proposed to convey flow from the Thurston trunk to the Main St. trunk will avoid more costly improvements along both trunk lines.

There are 6 manholes evaluated in the model where improvements do not eliminate hydraulic grade lines (HGLs) within 2 feet of the ground surface. There is no surface flooding at these locations and they are relatively isolated and distributed in the system. The HGL elevations are not the result of local pipeline capacity or high levels of I/I but are the result of the backwater produced by surcharge in pipelines downstream of these locations. As a result, the extent of additional improvements required to further reduce the HGL would likely be hundreds of feet of pipeline replacement to achieve HGL compliance at a relatively few manhole locations. The cost would be far greater than the recommended improvement to install water tight manhole covers at these limited number of manholes.

Future System Improvements

Future improvement projects are identified to eliminate system deficiencies observed when the future flows are applied to the system after improvements for existing conditions are made. The model indicates surface flooding at multiple downtown locations around the 21st and B pump station and at the eastern end of the Main St. trunk, which requires the identification of additional improvements. In most cases the future deficiencies require improvements in additional areas where no improvement has been identified for existing conditions.

Additional rehabilitation is included as part of the future improvements to meet 2001 WWFMP targeted peak flow reductions. One additional improvement along the Main St. trunk is necessary to address remaining deficiencies resulting from future land use. Table 5.5 lists the projects. These projects are separate and distinct from the projects identified from the existing conditions.

There are 4 manholes in addition to those identified for existing conditions, where improvements do not eliminate HGL's within 2 feet of the ground surface. For the same reasons as previously stated, the extent of additional improvements required to further reduce the HGL are greater than the recommended improvement to install water tight manhole covers at these limited number of manholes.

Expanding System to Meet Development Needs

Several areas have been identified for future development that are not served by the system as it existed in 2007. To plan for the needed infrastructure to service these areas, design peak flows were developed and the needed pipe locations, diameters and lengths were calculated as follows.

Ground elevations at locations along the probable pipe route were determined along with manhole depths and preliminary pipe slope. Based on the projected flow, the City's design standard, and calculated pipe slope, pipe diameters were calculated. To assist the City in future refinements to this master plan level of design, the expanded service pipes and manholes were entered into the hydraulic model based on estimated manhole depths. Pipe diameters for the expansion areas should be reviewed and adjusted as updated information becomes available.

With the exception of the Harbor Drive area, all areas are expected to be developed within the 20-year planning time frame (see Figure 5.5 of the plan).

CIP Recommendations

Shown on Figure ES-1 and listed in Table ES-1 is a complete listing of existing and future pipeline and pump station improvements. The table provides information in the following categories:

- Project location
- Comments on project characteristics
- Project to serve expansion areas
- Costs
- Priority provided by City of Springfield
- A proposed implementation year (or range of years)

In the COMMENTS section of the CIP project listing, the diameter increase for existing pipelines that is required for future flow conditions is provided. For cases where an existing pipe needs to be upsized for both the existing and future conditions, the diameter required for both land use conditions is provided with the assumption that the diameter required for future land use will be installed.

Pipes for expanded (currently un-served) areas serving future development areas and their associated costs are also shown in the CIP section of the master plan.

The project priorities are based on a review of the projects by City staff and their understanding of other system drivers including health and safety, environmental impacts and development patterns. In addition, downstream to upstream logic, availability of monitor data in close proximity to improvement locations and basin boundaries, and quality of calibration were also considered. This results in recommendations for implementation and potential additional actions to refine project needs and associated characteristics that affect project costs.

SDC Allocations

In order to identify the relative contribution to the projects by land use condition, peak flows are provided for existing and future land use conditions for each project. Based on those peak flows a percentage of peak flow was calculated for existing and future land use.

Project ID	Purpose	Existing Dia (inch)	Proposed Diameter (inch) or Peak Rate (gpm)	No of MIs	Length (ft)	Description	Comments	Priority	Proposed Year	Construction Cost	Total Cost
Harbor Drive	System expansion	-	8 (gravity) and 5 (force main)	32	7616	Service requirements: 1) new "Harbor Drive" PS equipped with 2 pumps each with 145 gpm capacity. 2) 134 ft of 8-inch to extend existing "dry pipe" force main 3) 7984 ft of 8-inch pipe to service entire neighborhood.	Project evaluated if river crossing reduced cost. Most cost effective solution makes use of the existing "dry pipe" force main in place north of the neighborhood.	25	2017 - 2018	\$2,166,000	\$3,342,000
Jasper Road	System expansion	-	10, 12, 21	89	22992	Extends system along Jasper Road to allow for the decommissioning of Lucerne Meadows and Golden Terrace PSs. Service requirements: 1) 2581 ft of 10-inch pipe, 2) 3394 ft of 12-inch pipe, and 3) 17016 ft of 21-inch pipe.		4	2009 - 2010	\$7,488,000	\$11,616,000
Franklin Blvd	System expansion	-	8, 16	27	6280	Extends the system from the existing 30-inch south along Franklin Blvd. Service requirements: 1) 2411 ft of 8-inch pipe, and 2) 3868 ft of 16-inch pipe.	Includes the 160 trailer parcels not originally contained in the GIS.	2	2006 - 2009	\$1,894,000	\$2,988,000
Thurston Rd	System expansion	-	8	17	3862	Extends the system from the existing 16-inch east along Thurston Road. Service requirements are 3962 ft of 8-inch pipe.		24	2016 - 2017	\$949,000	\$1,471,000
McKenzie Hwy	System expansion	-	10, 12	17	3906	Extends the system from the existing 21-inch east along McKenzie Highway. Service requirements: 1) 1824 ft of 10-inch pipe, and 2) 1883 ft of 12-inch pipe.	Pipe extended east as far as grade supported gravity flow. Last manhole shown is at crest of hill.	14	2011 - 2012	\$1,049,000	\$1,626,000
Vera Area	System expansion	-	8, 12	39	6693	Services the development east of the new Vera pump station. Service requirements: 1924 ft of 10-inch pipe and 1893 ft of 12-inch pipe.		23	2014 - 2016	\$2,670,000	\$3,984,000
Peace-Health/Riverband PS	System expansion	-	-	-	-	Pump station designed as part of the Peace-Health/Riverband Campus Development.	Bank for cost is the Sanitary Sewer Study for Riverband Subdivision (MCFE Consulting Engineers, 2003). Costs updated by 2008 dollars.	12	2011 - 2012	\$2,232,890	\$3,186,900
Existing Subtotal										\$15,191,917	\$25,611,000
Future Subtotal										\$8,025,028	\$11,346,000
System Expansion Subtotal										\$18,396,930	\$28,226,900
Total										\$39,543,873	\$65,186,900

TABLE B5-1
Capital Improvement Project Listing
Springfield Wastewater Master Plan

Project ID	Purpose	Existing Dia (inch)	Proposed Diameter (inch) or Peak Rate (gpm)	No of MI/E	Length (ft)	Description	Comments	Priority	Proposed Year	Construction Cost	Total Cost
1	Existing upgrade	-	24	22	6418	Parallel existing 24-inch pipe with new 24-inch pipe from MH10033730 d/s to MH10033409	VIR require 300 ft auger bore (bore & jack) 36-inch casing \$76,000 (at \$250/ft) under Hwy 128	6	2009 - 2010	\$2,839,000	\$3,895,000
2	Existing upgrade	12	21	4	798	Replace existing 12-inch with 21-inch from MH10033284 d/s to MH10033293	Used to control simulated overflow at MH10033986. Downstream pipe segment from MH10033284 d/s to MH10033284 is upgraded to 27-inch for future improvements.	10	2010 - 2011	\$307,000	\$476,000
3	Existing upgrade	12	18	6	1112	Replace existing 12-inch with 18-inch from MH10034176 d/s to MH10034184	Crosses Mohawk Blvd	19	2013 - 2014	\$396,000	\$617,000
4	Existing upgrade	10	12	11	1638	Replace existing 10-inch with 12-inch from MH10033738 d/s to MH10033746		20	2109 - 2014	\$477,000	\$739,000
5	Existing upgrade	16	24	21	4161	Replace existing 16-inch with 24-inch pipe from MH10034064 d/s to MH10033738. Project not required if future rehabilitation is performed.	Flow monitoring basins B3 and B4 just d/s of improvements. Calibration fair in this area.			\$1,628,000	\$2,618,000
6	Existing upgrade	10	16	8	1231	Replace existing 10-inch with 16-inch pipe from MH10033920 d/s to MH10033982. Project not required if future rehabilitation is performed.	Flow monitoring suggested prior to preliminary design			\$381,000	\$608,000
7	Existing upgrade	27/38	-	-	-	Flow at vault on west side of Main Street north. All flow is diverted south.	No construction assumed. Reconfiguration of flow achieved through valve or weir adjustments.			-	-
8	Existing upgrade	10	16	3	714	Replace existing 10-inch with 16-inch from MH10034699 d/s to MH10034516	Lucerne Meadows LB is pulled to the West. As of 2007, this L.S. discharged to the north through these also segments.			\$224,000	\$347,000
9	Existing upgrade	-	16	17	4637	New 16-inch wet weather bypass from MH10033662 d/s to MH10033687.	Bypass weir set at 498.0 ft elevation (GD5) at MH10033662. Crosses Bob Straub Pkwy at start of I-69.	8	2010 - 2011	\$1,416,000	\$2,196,000
10	Existing upgrade	18/18	21-existing, 24-future	11	3669	Replace existing 18-inch and 16-inch pipe with 24-inch from MH10035903 d/s to MH10035936.	A 21-inch is necessary for existing land use. For future land use, this project is upgraded to a 24-inch pipe. Flow monitoring is recommended prior to preliminary design.	11	2010 - 2011	\$1,356,000	\$2,102,000
11	Existing upgrade	12	16	9	1014	Replace existing 12-inch with 16-inch from MH10035903 d/s to MH10035936.	Flow monitoring is recommended prior to preliminary design	16	2012 - 2013	\$248,000	\$339,000
12	Existing upgrade	10	12	3	629	Replace existing 10-inch with 12-inch from MH10036187 d/s to MH10036196.	Flow monitoring is recommended prior to preliminary design	18	2012 - 2013	\$159,000	\$246,000
Rehabilitation for I/R Reduction	Existing Rehab	Varies	6-12	-	23,548	All rehab in basin SN 22. This completes the existing rehab listed in the 2001 WWFMP.	Review cost effectiveness relative to conventional conveyance improvements	6	2009 - 2010	\$3,906,968	\$7,673,000
Nugget Way PS	Existing upgrade	6x2 gpm (single pump) 869 gpm (pumps 1 & 2)	911 peak wet weather	-	-	Upgrade 2 pump system with 611 gpm capacity each	Flow monitoring suggested prior to preliminary design	3	2008 - 2009	\$769,417	\$1,443,000
Hayden PS	Existing upgrade	380 gpm (single pump)	463 gpm existing peak, 464 gpm future peak	-	-	Upgrade 2 pump system with 484 gpm capacity each	Flow monitoring suggested prior to preliminary design	21	2013 - 2014	\$660,379	\$1,060,000
River Glen PS	Existing upgrade	379 gpm (single pump)	625 gpm existing peak, 664 gpm future peak	-	-	Upgrade 2 pump system with 664 gpm capacity each	Flow monitoring suggested prior to preliminary design	22	2014 - 2015	\$653,182	\$1,224,000
13	Future upgrade	12	16	6	2224	Replace existing 12-inch pipe with 16-inch pipe from MH10035903 d/s to MH10036270.		13	2011 - 2012	\$736,000	\$1,145,000
14	Future upgrade	10	12	3	326	Replace existing 10-inch pipe with a 12-inch pipe from MH10036189 d/s to MH10036197.		17	2012 - 2013	\$106,000	\$163,000
Rehabilitation for I/R Reduction	Future rehab	Varies	6-12	-	31,211	22.6K ft in SN16, 7x feet in SN46, 1.6K feet in SN48. This plus reduction due to pipe improvements completes the future rehab listed in the 2001 WWFMP.	Review cost effectiveness relative to conventional conveyance improvements	SN19 - 1 SN48,49 - 9	2006-2009 2010-2011	\$5,161,026	\$10,038,000

**Table 4
City of Springfield Wastewater System Improvement Projects**

Project Number	Project Name	Description
	<i>Short-Term</i>	
104	Jasper Road sewer extension	System extension in the general vicinity of Jasper Rd to collect flow from future development in the Jasper-Natron area
105	Game Farm Road trunk sewer	
105	10 th & N Street Upgrade	Construct parallel 24 inch pipe to increase capacity of existing system to accommodate wet weather flows
106	Gateway/Harlow Road pump station upgrade	
106	E Street (Central Trunk) upgrade	Construct 24 inch pipe to increase capacity of existing system to accommodate wet weather flows
107	Main Street Sewer upgrade # 1	Construct 24 inch pipe to increase capacity of existing system to accommodate wet weather flows
108	Nugget Way pump station upgrade	Increase pump station capacity to accommodate wet weather flows with the largest pump out of service
109	Hayden Lo pump station upgrade	Increase pump station capacity to accommodate wet weather flows with the largest pump out of service
110	River Glen pump station upgrade	Increase pump station capacity to accommodate wet weather flows with the largest pump out of service
	<i>Long-Term</i>	
202	East Glenwood gravity sewer	
202	Harbor Drive pump station	New pump station to collect flow from future development in the vicinity of the South 2 nd Street area
203	19th Street pump station	
203	Peace Health pump station	New pump station to collect flow from future development in the vicinity of Deadmond Ferry Road and Baldy View Drive

**Table 16
City of Springfield
Wastewater System Improvements, Estimated Costs, and Timing**

Project Number	Project Name/Description	Cost (\$000)	Estimated Completion Year
	Short Term		
104	Jasper Road sewer extension	3,500	1999-2004
104	Jasper Road sewer extension	11,600	2010-2012
105	Game Farm Road trunk sewer	1,500	1999-2004
105	10 th & N Street Upgrade	3,950	2010
106	Gateway/Harlow Road pump station upgrade	1,500	1999-2004
106	E Street (Central Trunk) upgrade	2,500	2010-2013
107	Main Street Sewer upgrade # 1	2,100	2010-2013
108	Nugget Way pump station upgrade	1,400	2010
109	Hayden Lo pump station upgrade	1,050	2010-2013
110	River Glen pump station upgrade	1,200	2010-2013
	Long Term		
202	East Glenwood gravity sewer	1,100	2005-2006
202	Harbor Drive pump station	3,340	2015-2020
203	19 th Street pump station	500	2005-2006
203	Peace Health pump station	3,190	2012-2017