

# ENVIRONMENTAL CHECKLIST

## *Purpose of Checklist:*

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

## *Instructions for Applicants:*

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

## *Use of checklist for nonproject proposals:*

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply". In addition, complete the Supplemental Sheet for Nonproject actions (part D).

For nonproject actions, the references in the checklist to the words "project", "applicant", and "property or site" should be read as "proposal", "proposer", and "affected geographic area", respectively.

### A. BACKGROUND

1. Name of proposed project, if applicable: Sewer M Replacement
2. Name of applicant: City of Everett Public Works Attn: Paul Crane

3. Address and phone number of applicant and contact person: Paul B. Crane, 3200 Cedar St. Everett, WA 425 - 258949

4. Date checklist prepared: 6/2/2014

5. Agency requesting checklist: City of Everett Planning Department

6. Proposed timing or schedule (including phasing, if applicable): Two phases. The construction will occur in a series of phases that limit the extent of disruption and provide some predictability to the timing of the work and the restoration.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. None needed.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. None other than SEPA Review.

10. List any government approvals or permits that will be needed for your proposal, if known. SEPA review.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

Address Basement Flooding Problems:

The primary objective of this project is to eliminate chronic basement flooding problems in the vicinity of Colby, Hoyt 14th St to 16th St. New storm drainage pipe would be extended and catch basin inlets constructed at most intersections along Hoyt and Colby between 11th St and 18th St. This new storm drainage network would effectively separate storm water runoff from the sewer collection system. This work would occur early in the construction schedule and would be done by open-cut pipe methods. In addition, the City will be asking homeowners to disconnect rain gutter downspouts from their side sewer pipe wherever possible.

Replace Old Sewers:

Many existing sewers, manholes, storm drain structures and side sewers in this area are very old and deteriorated or undersized and should be replaced soon. Approximately 12,000 LF of old combined sewer main and 500 side sewers would be replaced by this project. Most of these collection sewers are located in alleys. Work would be done by open-cut methods.

Restoration:

Streets that are significantly impacted by the construction work will be replaced with full-width asphalt paving whereas some streets will be repaired with a trench patch and in some cases a full-width pavement overlay will be applied. Many intersections will be totally reconstructed with new curbs and ADA curb ramps. Alleys will re-paved with full-width asphalt.

**Combined Sewer Overflows (CSO):**

There are 3 existing CSO overflow pipes located at Grand and 14th St. and at 15th St which periodically convey excess wet weather flows from the neighborhood collection sewers to Port Gardner. These pipes are too small to carry the flows from the new pipe systems and are also very old and have reached the end of their useful service life. New CSO overflow pipes with ample capacity will be attached to a new utility-pedestrian bridge at Grand Ave. Park at 16th St. extending across BNSF rail yard and W. Marine View Dr.

The project will be constructed in two separate phases. The first phase will primarily address the basement flooding problem and replace a majority of the old sewer pipes. The second phase will primarily reduce CSO overflows to achieve regulatory compliance while also replacing additional old sewer mains.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known, If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project area is generally west and south of PRMCE Colby Campus Hospital with boundaries as follows: North at 10th St., West at Grand Ave, South varies between 17th St and 19th St., and East varies between Colby and Rockefeller. The total project area consists of approximately 30 city blocks or 112 acres and is almost exclusively single family residential neighborhoods and all within NW Everett Neighborhood. Most of the project will be accomplished in Phase 1.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR  
AGENCY USE ONLY

**B. ENVIRONMENTAL ELEMENTS**

**1. Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

b. What is the steepest slope on the site (approximate percent slope)? 2% - 5%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.  
Mixed urban soils, mostly sandy loam.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. No.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. To excavate trenches and replace existing, deteriorated public sewer collection lines and build a new separate stormwater conveyance system.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. No.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? There will be no increase of impervious surface as a result of this project.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: None needed.

## 2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.  
Some temporary increase will occur during the construction of this project.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. There are no off-site sources of emissions or odor that will affect this proposal.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: None needed.

## 3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. No.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. No.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill materials. None.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. No.

5) Does the proposal lie with a 100-year floodplain? If so, note location on the site plan. No.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. No.

b. Ground

1) Will ground water be withdrawn, or will water be discharge to ground water? Give general description, purpose, and approximate quantities, if known. No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. No.

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The primary objective of this project is to eliminate chronic basement flooding problems in the vicinity of Colby, Hoyt 14th St to 16th St. New storm drainage pipe would be extended and catch basin inlets constructed at most intersections along Hoyt and Colby between 11th St and 18th St. This new storm drainage network would effectively separate storm water runoff from the sewer collection system. This work would occur early in the construction schedule and would be done by open-cut pipe methods. In addition, the City will be asking homeowners to disconnect rain gutter downspouts from their side sewer pipe wherever possible. A majority of the separate Stormwater collected by the new system will be conveyed to the Everett Water Pollution Control Facility while excess Stormwater will be routed to a nearby CSO overflow discharge.

2) Could waste materials enter ground or surface waters? If so, generally describe. No.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:  
None needed.

#### 4. Plants

- a. Check or circle types of vegetation found on the site:  
 deciduous tree: alder, maple, aspen, other  
 evergreen tree: fir, cedar, pine, other  
 shrubs  
 grass  
 pasture  
 crop or grain  
 wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other  
 water plants: water lily, eelgrass, milfoil, other  
 other types of vegetation
- b. What kind and amount of vegetation will be removed or altered? Most of the project is located in city streets and alleys however a very small amount of grass will be removed in the street shoulder area for installation of flow control structures.
- c. List threatened or endangered species known to be on or near the site. None
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: None needed.

#### 5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:
- birds: hawk, heron, eagle, songbirds, other:  
mammals: deer, bear, elks, beaver, other:  
fish: bass, salmon, trout, herring, shellfish, other:
- b. List any threatened or endangered species known to be on or near the site. None.
- c. Is the site part of a migration route? If so, explain. No.
- d. Proposed measure to preserve or enhance wildlife, if any: Residential neighborhood, none needed.

#### 6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. None needed.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. N/A

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: N/A

## **7. Environmental Health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal. If so, describe. No environmental hazards will occur.

1) Describe special emergency services that might be required. None

2) Proposed measures to reduce or control environmental health hazards, if any: None needed.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other) None?

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. Some temporary increase in noise during construction could occur. The project will comply with the City of Everett noise ordinance.

3) Proposed measures to reduce or control noise impacts, if any: None needed.

## **8. Land and Shoreline Use**

a. What is the current use of the site and adjacent properties?

Predominately single family residential properties, 2 small neighborhood businesses, Providence Hospital Colby Campus, BNSF Bayside rail yard.

- b. Has the site been used for agriculture? If so, describe. No.
- c. Describe any structures on the site. None the site is public right of way.
- d. Will any structures be demolished? If so, what? No.
- e. What is the current zoning classification of the site? R 1 & 2, P
- f. What is the current comprehensive plan designation of the site? Comp. Plan designations in the project area are: 1.2, 1.3, 2.4 and 2.2.
- g. If applicable, what is the current shoreline master program designation of the site? N/A
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. No.
- i. Approximately how many people would reside or work in the completed project? N/A
- j. Approximately how many people would the completed project displace? N/A
- k. Proposed measures to avoid or reduce displacement impacts, if any: N/A
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: The project involves replacement of critical public infrastructure which supports sanitary urban living conditions.

**9. Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. N/A
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. N/A
- c. Proposed measures to reduce or control housing impacts, if any: N/A

**10. Aesthetics**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? A majority of the proposed project is underground. One very small structure would be placed adjacent to 1431 Rucker to house valve control equipment.

b. What views in the immediate vicinity would be altered or obstructed? N/A

c. Proposed measure to reduce or control aesthetic impacts, if any: N/A

#### **11. Light and Glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? The proposed project is underground.

b. Could light or glare from the finished project be a safety hazard or interfere with views? N/A

c. What existing off-site sources of light or glare may affect your proposal? N/A

d. Proposed measures to reduce or control light and glare impacts, if any: N/A

#### **12. Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity? There is a small public park in the vicinity of the project.

b. Would the proposed project displace any existing recreation uses? If so, describe. No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: N/A

#### **13. Historic and Cultural Preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. No.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. None

c. Proposed measures to reduce or control impacts, if any: N/A

#### **14. Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. See the attached maps.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? Yes, public transit bus routes serve the area of the proposed project.
- c. How many parking spaces would the completed project have? How many would the project eliminate? None
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). No.
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. No.
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. A temporary increase in traffic by construction trucks could occur during the construction phases of this project.
- g. Proposed measures to reduce or control transportation impacts, if any: A traffic control plan will be implemented during the construction phases of this project.

#### **15. Public Services**

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No.
- b. Proposed measures to reduce or control direct impacts on public services, if any: N/A

#### **16. Utilities**

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. None.

#### **C. SIGNATURE**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

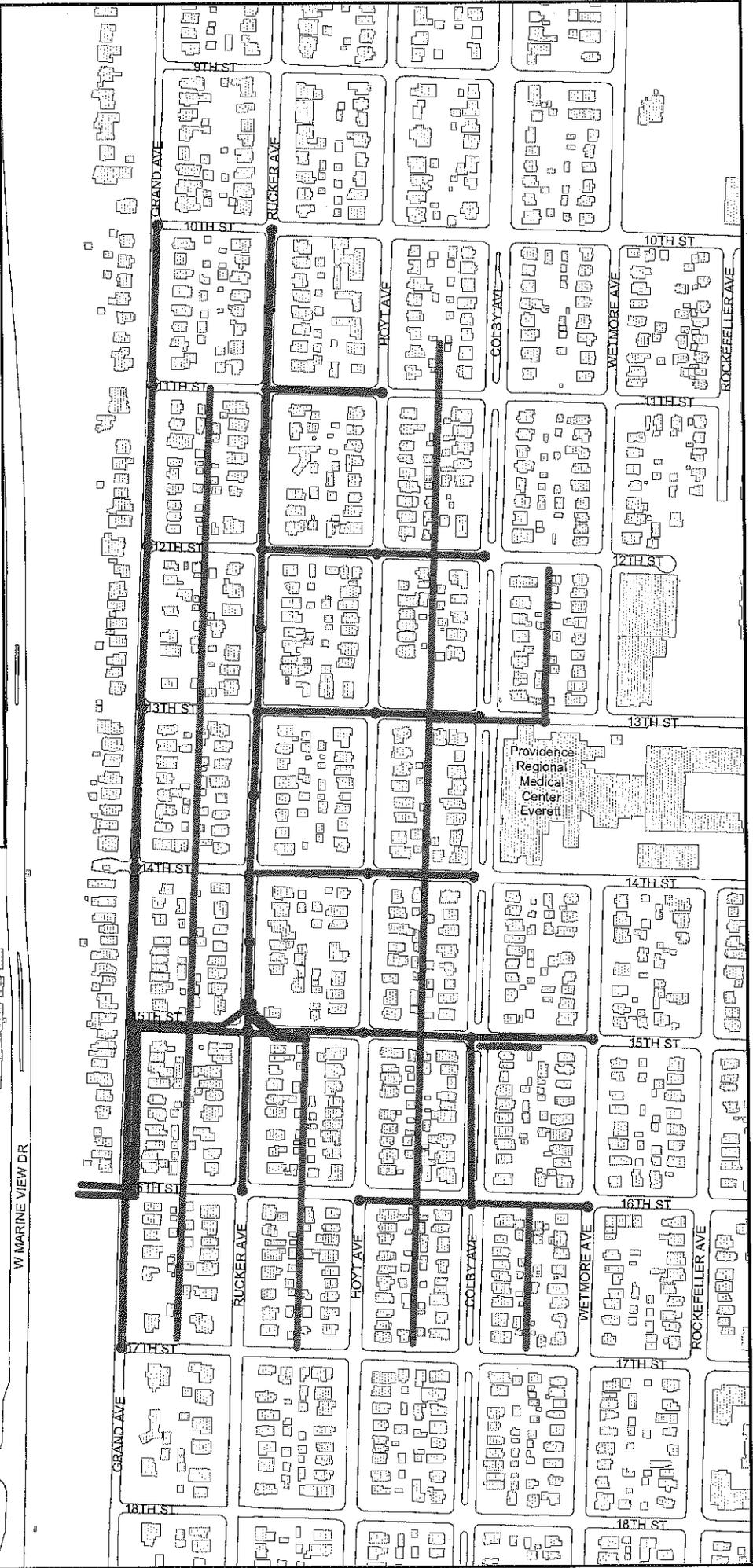
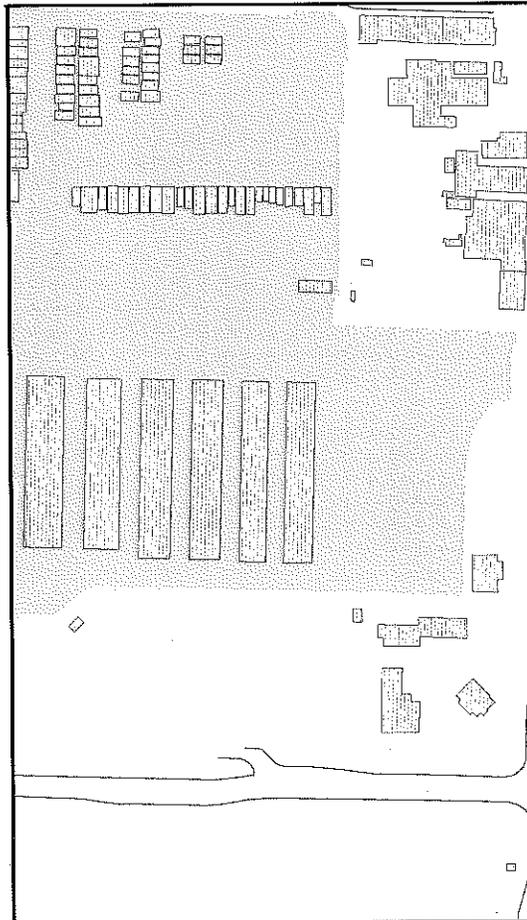
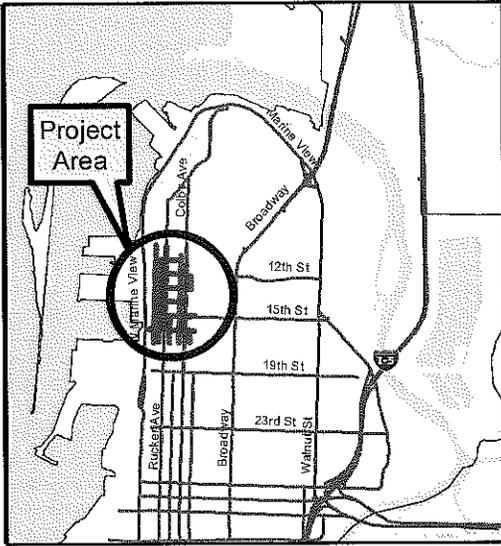
Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

# Sewer System Project M Phase One

-  Replacement Sewer Main
-  New Stormwater System

0 100 200 400  
Feet



# Sewer System Project M Phase Two

- Phase 2 Sewer Manhole
- Phase 2 Storm Manhole
- ~ Phase 2 Sewer Main
- ~ Phase 2 Stormwater System
- ~ Phase 1 Stormwater System
- ~ Phase 1 Sewer Main

0 100 200 400 Feet

