

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

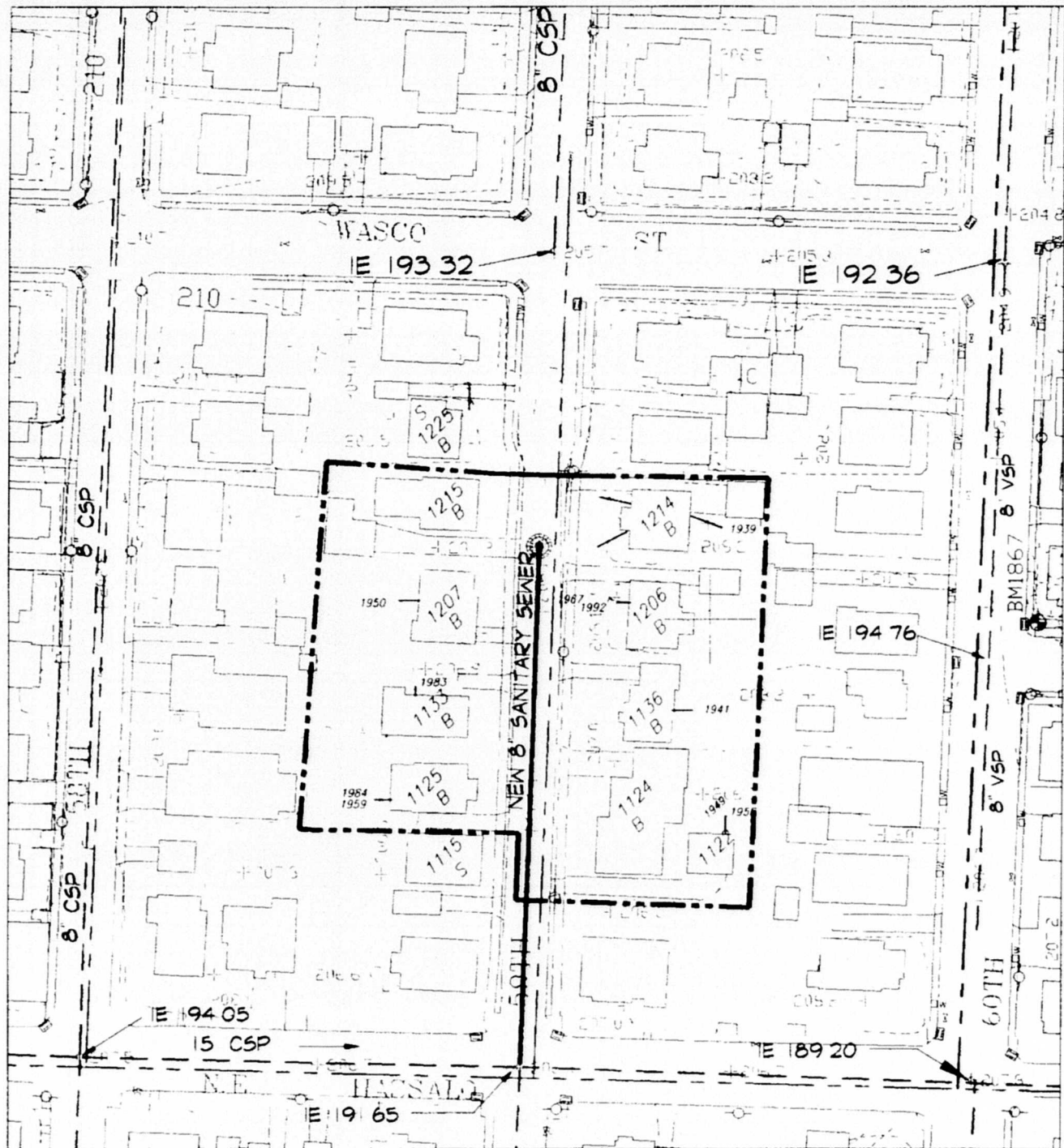
27

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes <input checked="" type="checkbox"/> No	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	9
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	0
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	2

* Annual CIP review should include survey of other bureaus for area projects



NEIGHBORHOOD:	ROSE CITY PARK
QUARTER SECTION:	2936
LOCATION:	N E. 59th AVE BETWEEN N.E WASCO AND HASSALO ST.
CONTRIBUTES TO CSO?	NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=80'
AREA 28

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 28

NEIGHBORHOOD Rose City Park

LOCATION NE 59th between
NE Wasco and NE Hassalo

QUARTER SECTION 2936

Project Description:

This project will provide sanitary sewer service to 8 homes in the Rose City Park neighborhood. The line will begin with a connection to the existing sewer system at the intersection of NE 59th and Hassalo and will extend approximately 285 feet on NE 59th Avenue street to its terminus. Along the route, service connections will be extended to 8 homes. Completion of this project will allow removal of 8 existing septic systems.

The following figures and tables present detailed information about the ownership of properties in this study area and specific information about the costs estimated for this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 6 priority project. The residences in this project area appear to have been constructed in the late 1930's and 1940's. Some of the septic system installed at that time are still in service. Records indicate that about 35 percent of the homes have had new septic systems installed following the original installation with the latest of these installations occurring in 1992.

Project Cost:

Construction of this project will cost about \$ 47,300 in 1995 dollars. This includes provision of service lines to the edge of the property of each home. In all, 8 homes will receive sewage service connections to the public system.

On average this project will cost \$ 5258 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects studied.

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	296 LF	\$ 25 00 LF	\$ 7,400 00
6" ASTM C-14, CL 3 CSP	180 LF	\$ 22 00 LF	\$ 3,960 00
6"X8" TEE, ASTM C-14, CL 3	9 EA	\$ 100 00 EA	\$ 900 00
48" STD PRECAST MH	1 EA	\$ 1,800 00 EA	\$ 1,800 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	380 CY	\$ 15 00 CY	\$ 5,696 67
CSP PIPE BEDDING CLASS "C"	114 CY	\$ 25 00 CY	\$ 2,848 33
IMP GRANULAR BACKFILL	266 CY	\$ 10 00 CY	\$ 2,658 44
AC PAVEMENT REPLACEMENT 2" THICK	142 SY	\$ 20 00 SY	\$ 2,848 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	27 LF	\$ 20 00 LF	\$ 540 00
SIDEWALK REPLACEMENT	81 SF	\$ 50 00 SF	\$ 4,050 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 33,801.78
TOTAL PROJECT COST			\$ 47,322.49
EXISTING HOMES SERVED	9 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	9 EA		
TOTAL COST PER SERVICE			\$ 5,258.05

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

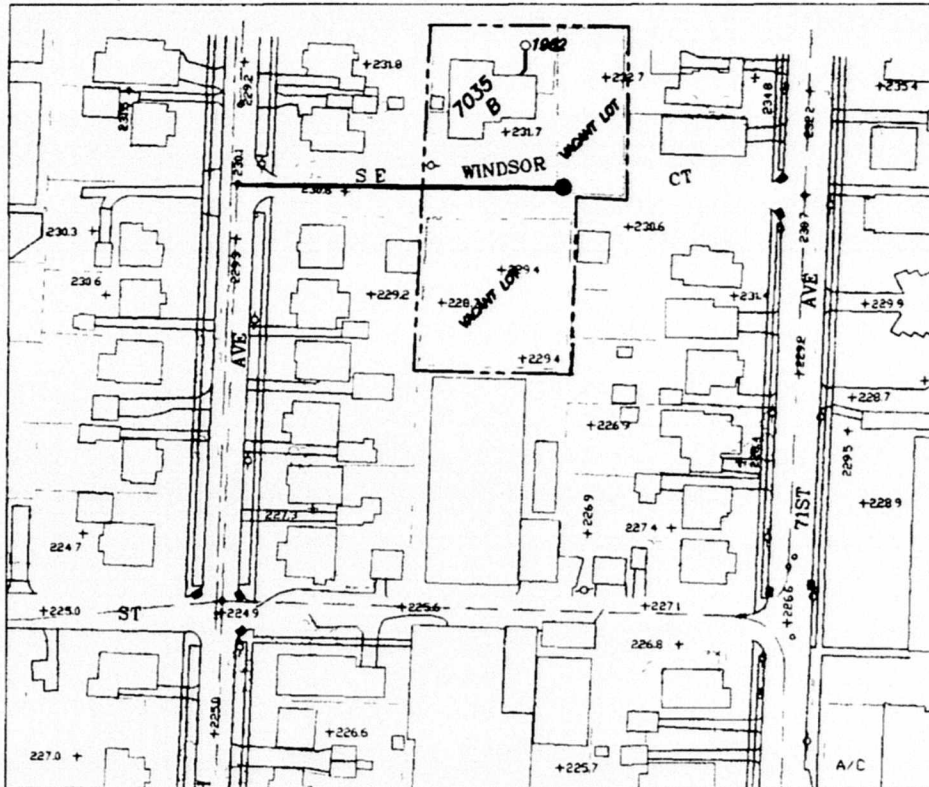
Priority Criteria and Scoring

Project Area Number

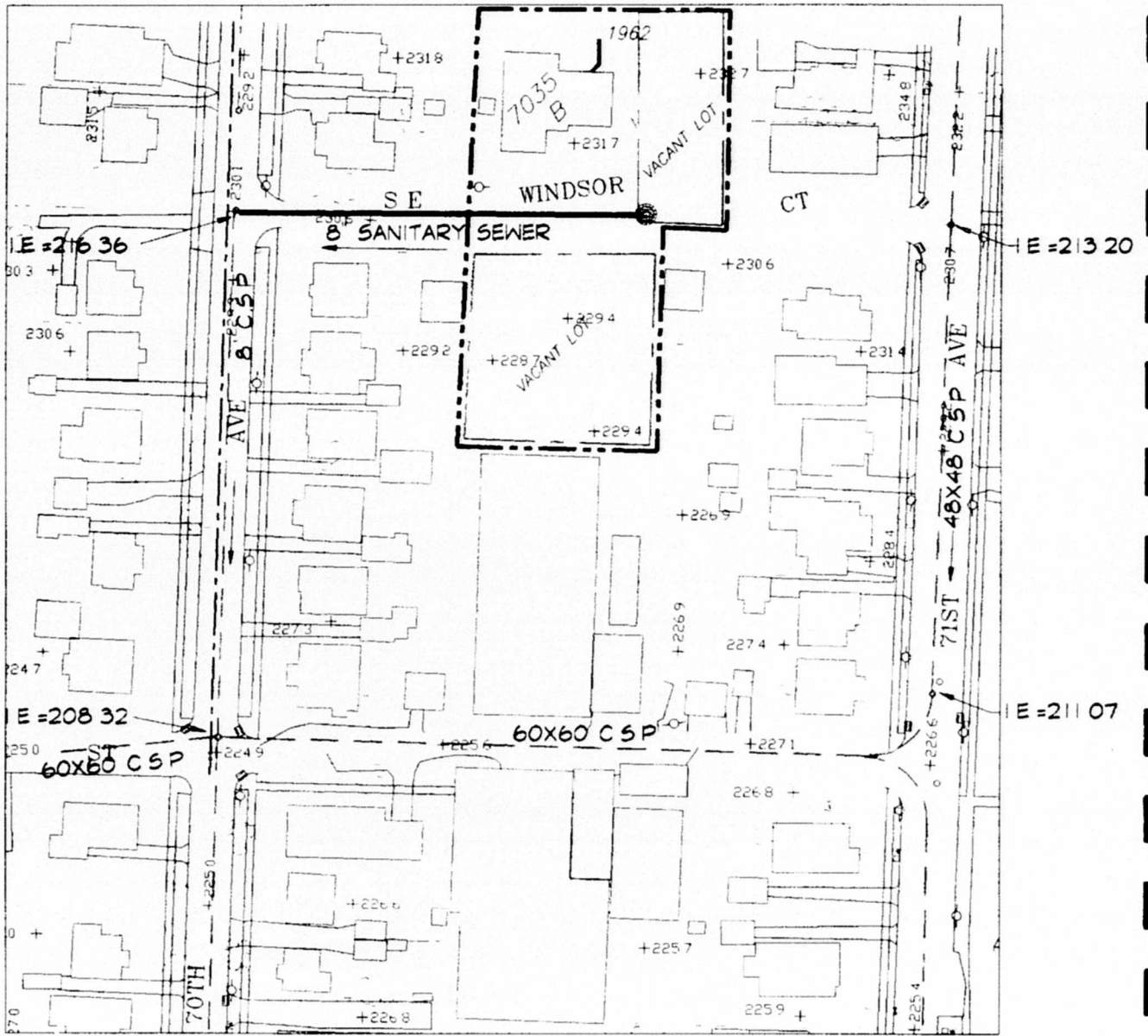
28

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 - Many well documented 5 - No Record	10
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	9
II Implementation		
1 Is the project in a CSO impact area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	8

* Annual CIP review should include survey of other bureaus for area projects



NEIGHBORHOOD	SOUTH TABOR
QUARTER SECTION	3337
LOCATION:	S E WINDSOR CT.
	BETWEEN S.E. 70th AND 71st
CONTRIBUTES TO CSO?	NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=100'

AREA 29

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 29

NEIGHBORHOOD South Tabor

LOCATION SE Winsor Court
Between SE 70th
and 71st

QUARTER SECTION 3337

Project Description:

This project will provide sanitary sewer service to 1 home and 2 undeveloped parcels fronting on SE Winsor Court in the South Tabor neighborhood. The line will begin with a connection to the existing sewer system at the intersection of SE Winsor Court and SE 70th Avenue and will extend 260 feet on South Winsor Court to its terminus. Completion of this project will allow removal of 1 existing septic system.

The following figures and tables present detailed information about home and property ownership in this project and specific information about the costs estimated for this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 62nd priority project. The residence in this project area was constructed in the 1962 and its septic system installed at that time is still in service.

There is a vacant parcel east of the residence on SE Winsor Court and a larger parcel south of SE Winsor which is currently used to raise nursery stock.

Project Cost:

Construction of this project will cost about \$ 29,000. This includes provision of service lines to the edge of the property of the home. In all, 1 home and 2 vacant parcels will receive sewage service connections to the public system.

On average this project will cost \$ 9663 per parcel served. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	270 LF	\$ 25 00 LF	\$ 6,750 00
6" ASTM C-14, CL 3 CSP	75 LF	\$ 22 00 LF	\$ 1,650 00
6"X8" TEE, ASTM C-14, CL 3	3 EA	\$ 100 00 EA	\$ 300 00
48" STD PRECAST MH	1 EA	\$ 1,800 00 EA	\$ 1,800 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	289 CY	\$ 15 00 CY	\$ 4,329 17
CSP PIPE BEDDING CLASS "C"	87 CY	\$ 25 00 CY	\$ 2,164 58
IMP GRANULAR BACKFILL	202 CY	\$ 10 00 CY	\$ 2,020 28
AC PAVEMENT REPLACEMENT 2" THICK	13 SY	\$ 20 00 SY	\$ 266 67
ROCK SURFACING	16 CY	\$ 20 00 CY	\$ 325 00
CONCRETE CURB REPLACEMENT	0 LF	\$ 20 00 LF	\$ -
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 20,705.69
TOTAL PROJECT COST			\$ 28,987.97
EXISTING HOMES SERVED	1 EA		
VACANT LOTS SERVED	2 EA		
TOTAL SERVICES	3 EA		
TOTAL COST PER SERVICE			\$ 9,662.66

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

29

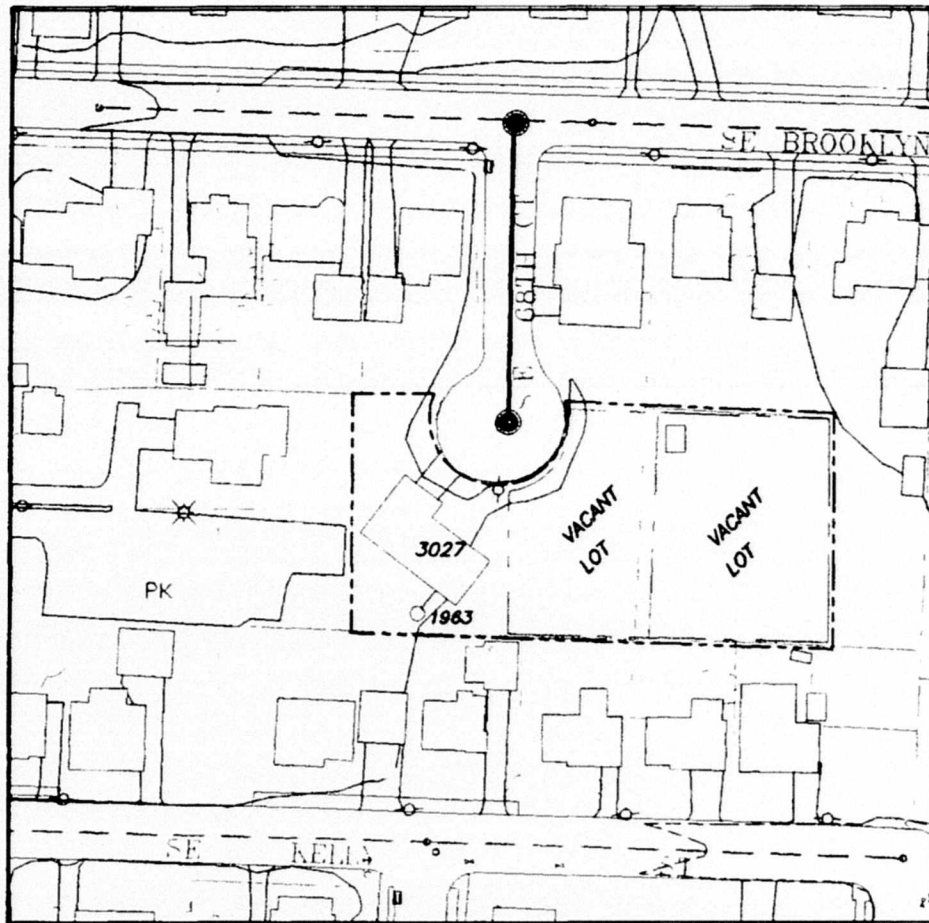
CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes _____ No X	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	5

* Annual CIP review should include survey of other bureaus for area projects

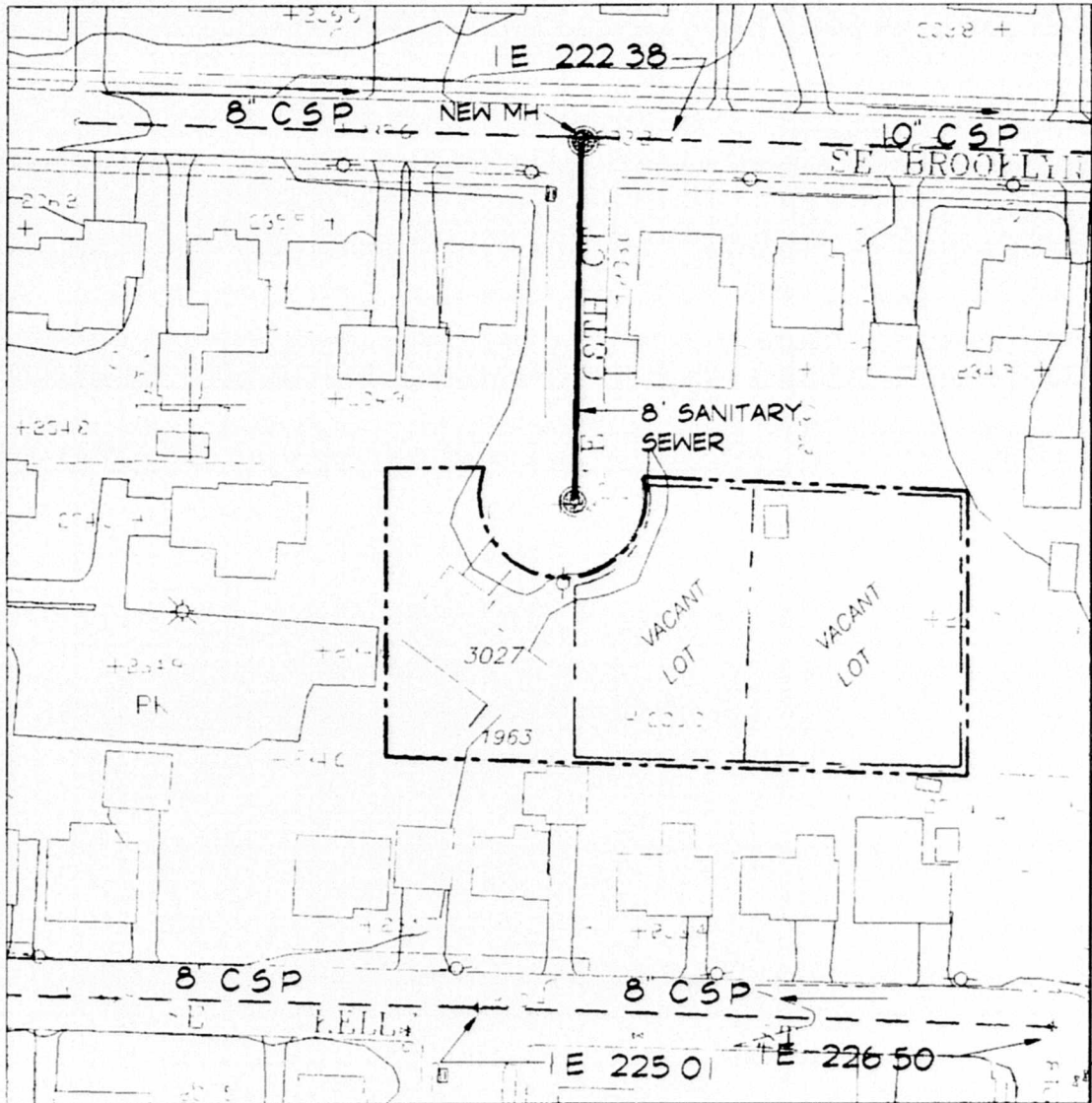
AREA 30

35471

THIS NUMBER NOT USED



NEIGHBORHOOD	SOUTH TABOR
QUARTER SECTION	3337
LOCATION:	S E 68th CT
	BETWEEN S.E. KELLY TO BROOKLYN ST
CONTRIBUTES TO CSO?	NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE ○
- NEW MANHOLE ●

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=80'

AREA 31

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 31

NEIGHBORHOOD South Tabor

LOCATION SE 68th Court
Between SE Kelly and SE Brooklyn

QUARTER SECTION 3337

Project Description:

This project will provide sanitary sewer service to 1 home and one vacant lot in the South Tabor neighborhood. The line will begin with a connection to the existing sewer system on SE Brooklyn and will extend 165 feet on SE 68th Court Street to its terminus. Service connections will be extended to one home and two vacant lots. Completion of this project will allow removal of 1 existing septic system.

The following figures and tables present detailed information about the ownership of properties in this study area and specific information about the costs estimated for this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 63 priority project. The residence in this project area was constructed in the 1963 and the septic system installed at that time is still in service.

Project Cost:

Construction of this project will cost about \$ 29,700. This includes provision of service lines to the edge of the property of the home and to the vacant lot east of the residence at 3027 SE 68th Court. On this project, only 1 home will receive sanitary sewage service connection to the public system.

On average this project will cost \$ 29,700 per residence and \$ 9896 per property served. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

35471

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	168 LF	\$ 25 00 LF	\$ 4,200 00
6" ASTM C-14, CL 3 CSP	150 LF	\$ 22 00 LF	\$ 3,300 00
6"X8" TEE, ASTM C-14, CL 3	3 EA	\$ 100 00 EA	\$ 300 00
48" STD PRECAST MH	2 EA	\$ 1,800 00 EA	\$ 3,600 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	0 EA	\$ 600 00 EA	\$ -
8" CONNECTION TO EXISTING PIPE	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	247 CY	\$ 15 00 CY	\$ 3,698 33
CSP PIPE BEDDING CLASS "C"	74 CY	\$ 25 00 CY	\$ 1,849 17
IMP GRANULAR BACKFILL	173 CY	\$ 10 00 CY	\$ 1,725 89
AC PAVEMENT REPLACEMENT 2" THICK	98 SY	\$ 20 00 SY	\$ 1,953 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	9 LF	\$ 20 00 LF	\$ 180 00
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
TOTAL CONSTRUCTION COST			\$ 21,206.72
TOTAL PROJECT COST			\$ 29,689.41
EXISTING HOMES SERVED	1 EA		
VACANT LOTS SERVED	2 EA		
TOTAL SERVICES	3 EA		
TOTAL COST PER SERVICE			\$ 9,896.47

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

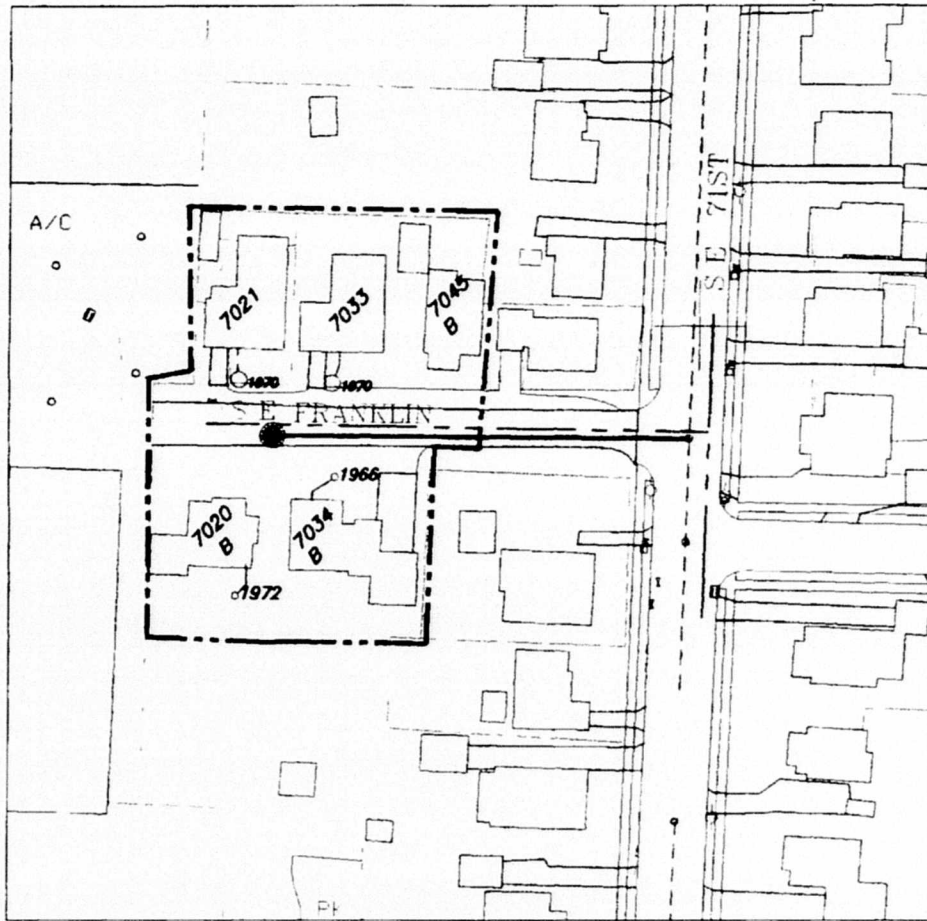
Priority Criteria and Scoring

Project Area Number

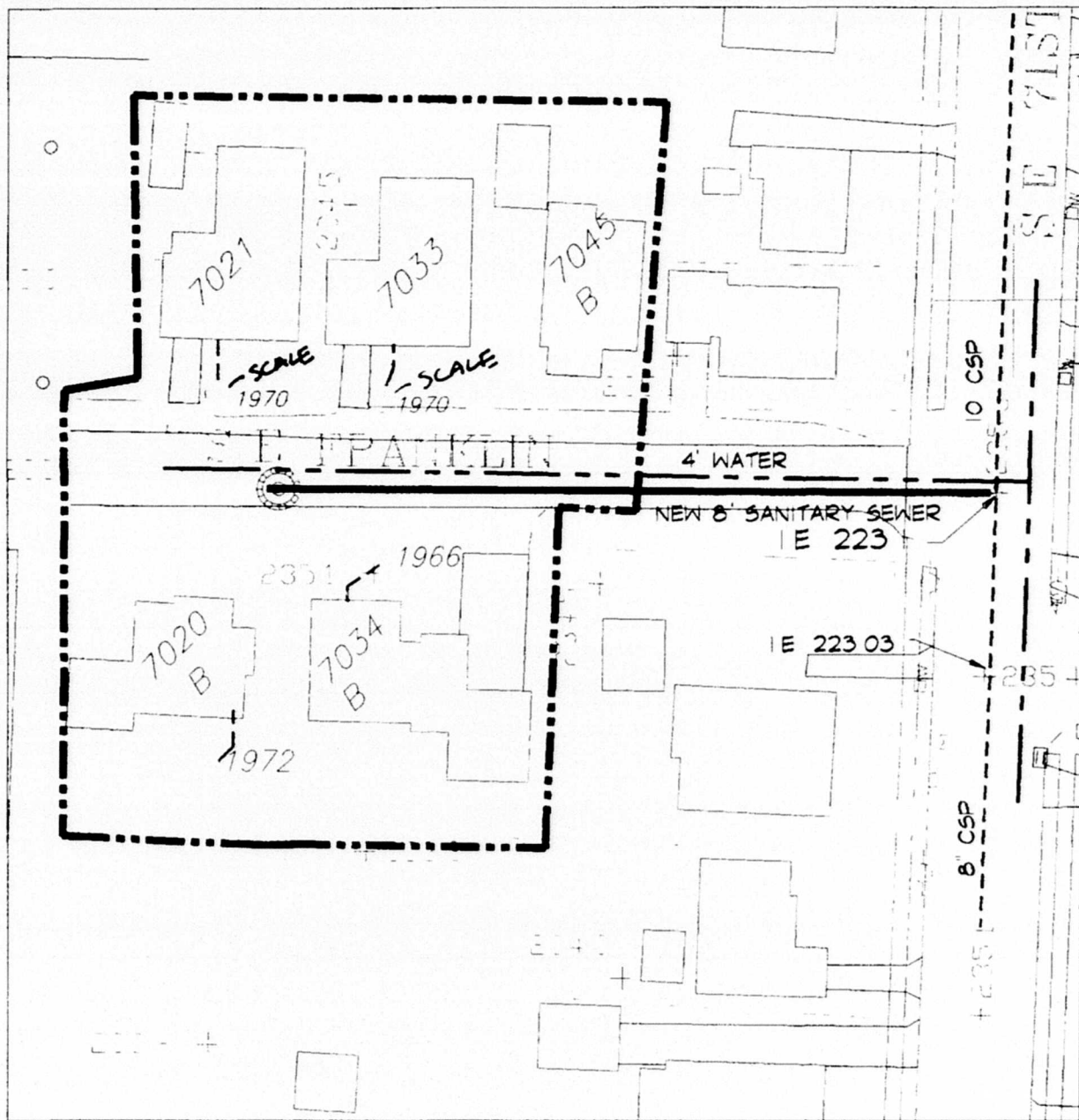
31

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	6
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	5

* Annual CIP review should include survey of other bureaus for area projects



NEIGHBORHOOD	SOUTH TABOR
QUARTER SECTION	3337
LOCATION:	S E FRANKLIN ST BETWEEN S.E. 69th TO 70th AVE.
CONTRIBUTES TO CSO?	NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=50'

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 32

NEIGHBORHOOD South Tabor

LOCATION SE Franklin
east of SE 71st

QUARTER SECTION 3337

Project Description:

This project will provide sanitary sewer service to 5 homes in the South Tabor neighborhood. The line will begin with a connection to the existing sewer system on SE 71st and will extend 225 feet on SE Franklin Street to its terminus. Along the route, service connections will be extended to 5 homes. Completion of this project will allow removal of 5 existing septic systems.

The following figures and tables present detailed information about the ownership of properties in this study area and specific information about the costs estimated for this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 60 priority project. The residences in this project area were constructed in the 1960's and the septic system installed at that time are still in service. Records indicate that none of the homes have had to install new septic systems following the original installation.

Project Cost:

Construction of this project will cost about \$ 30,747. This includes provision of service lines to the edge of the property of each home. In all, 5 homes will receive sewage service connections to the public system.

On average this project will cost \$ 6149 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

35471

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	225 LF	\$ 25 00 LF	\$ 5,625 00
6" ASTM C-14, CL 3 CSP	125 LF	\$ 22 00 LF	\$ 2,750 00
6"X8" TEE, ASTM C-14, CL 3	5 EA	\$ 100 00 EA	\$ 500 00
48" STD PRECAST MH	1 EA	\$ 1,800 00 EA	\$ 1,800 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	281 CY	\$ 15 00 CY	\$ 4,215 28
CSP PIPE BEDDING CLASS "C"	84 CY	\$ 25 00 CY	\$ 2,107 64
IMP GRANULAR BACKFILL	197 CY	\$ 10 00 CY	\$ 1,967 13
AC PAVEMENT REPLACEMENT 2" THICK	105 SY	\$ 20 00 SY	\$ 2,097 22
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	15 LF	\$ 20 00 LF	\$ 300 00
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
TOTAL CONSTRUCTION COST			\$ 21,962.27
TOTAL PROJECT COST			\$ 30,747.18
EXISTING HOMES SERVED	5 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	5 EA		
TOTAL COST PER SERVICE			\$ 6,149.44

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

32

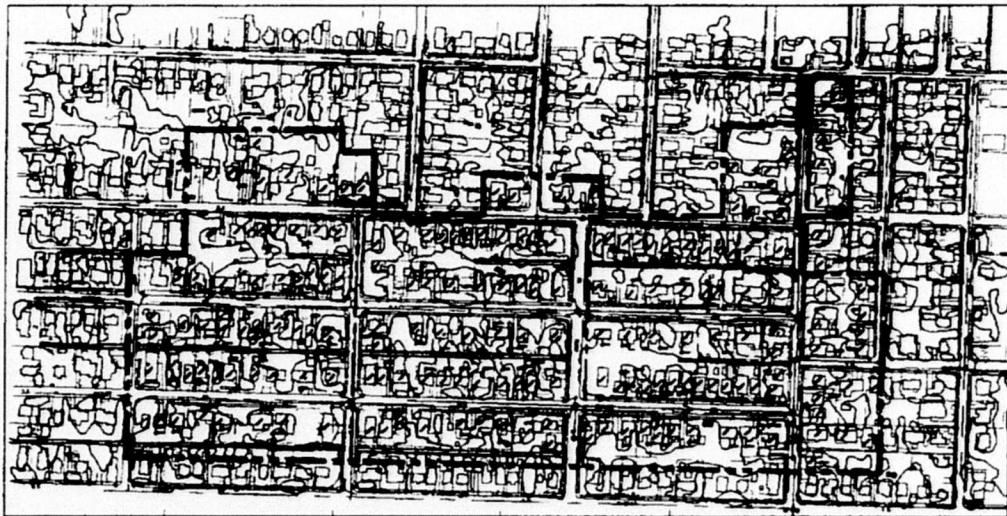
CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	8

* Annual CIP review should include survey of other bureaus for area projects

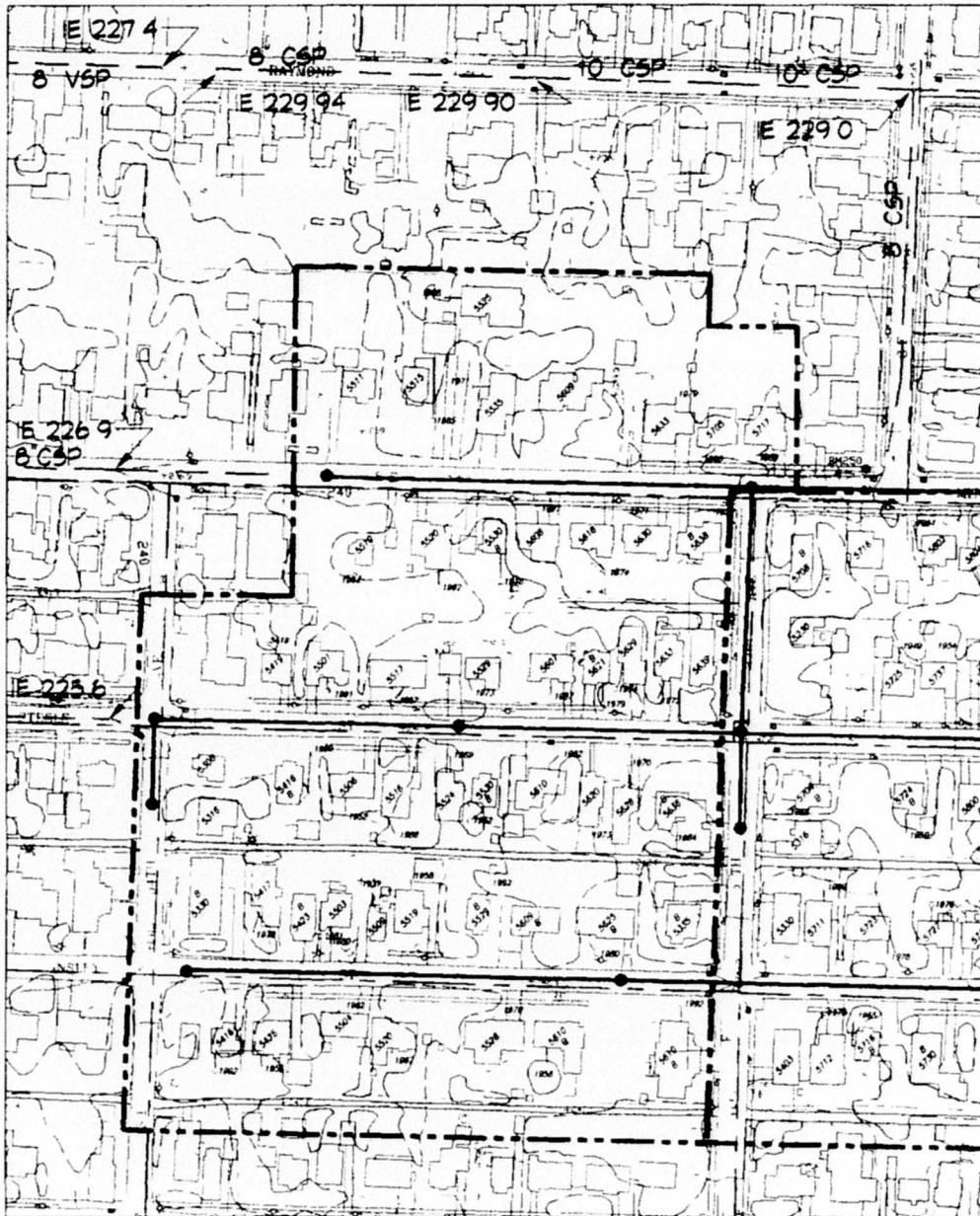
AREA 33

35471

THIS NUMBER NOT USED



NEIGHBORHOOD WOODSTOCK & MT SCOTT-ARLETA
QUARTER SECTION 3536 & 3537
LOCATION: S.E STEELE ST
BETWEEN SE 54th AND 63rd AVE
CONTRIBUTES TO CSO? 10



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1" = 200'

AREA 34A





LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1" = 200'

AREA 34B



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- AVERAGE AGE OF EXISTING SEPTIC SYSTEM IS

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=200'

AREA 34C

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 34

NEIGHBORHOOD Woodstock and
Mt Scott/Arleta

LOCATION SE 54th Avenue to SE
63rd Avenue north from
SE Insley to SE Raymond

QUARTER SECTION 3536 & 3537

Project Description:

This project will provide sanitary sewer service to 183 homes in this large unsewered area in southeast Portland. This multi-block area has developed with single family residences since the early 1920's with the development progressing to the south. Generally, the older homes are located along the northerly blocks of the area and it continues to add new homes along it's southern edge.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 16 priority project. The earliest residences in this project area were constructed in the 1920's and some of the septic system installed at that time are still in service. Most of the homes, probably more than 75 percent indicate more recent septic system modifications or repairs with the most recent occurring in 1994 as repairs and construction of new homes. Most homes have septic system records recorded in the public files.

Project Cost:

Construction of this project will cost about \$ 948,000. This includes provision of service lines to the edge of the property all homes and 6 vacant lots. In all, 119 homes will receive sewage service connections to the public system.

On average this project will cost \$ 7872 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

CRANE & MERSETH ENGINEERING/SURVEY
 UN SEWERED AREAS
 7/28/95

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
34				5509	SE 54th Ave	Portland	
34	R18820 0050	James Eugene	Armstrong	5020	SE 62nd Ave	Portland	97206
34	R18820 0070	Robert D P	Green	5022	SE 62nd Ave	Portland	97206
34	R18820 0090	Clifford F & Barbara	Hurd	5028	SE 62nd Ave	Portland	97206
34	R99218 0200	Richard D	Cloud	5107	SE 62nd Ave	Portland	97206
34	R99218 2120	William E	Hancock	5113	SE 62nd Ave	Portland	97206
34	R99218 0210	Duane A & Virginia F	Coyne	5117	SE 62nd Ave	Portland	97206
34	R18820 0130	Richard B	Allen	5118	SE 62nd Ave	Portland	97206
34	R18820 0170	Lonnie	Sponsler	5132	SE 62nd Ave	Portland	97206
34	R99218 1870	John D	Allen	5133	SE 62nd Ave	Portland	97206
34	R99218 0760	James F & Terri L	Lewis	5139	SE 62nd Ave	Portland	97206
34	R84220 4740	Eleanor	Fazzio	5211	SE 62nd Ave	Portland	97206
34	R82980 0010	D L	Eayrs	5214	SE 62nd Ave	Portland	97206
34	R82970 0040	Paul F & Barbara A	Daugherty	5220	SE 62nd Ave	Portland	97206
34	R82970 0090	Gian Donato	Russo	5238	SE 62nd Ave	Portland	97206
34	R82970 0110	Bernard	Bortnick	5246	SE 62nd Ave	Portland	97206
34	R82970 0140	Jon T	Willis	5262	SE 62nd Ave	Portland	97206
34	R82970 0350	Alice R	Corbett	5304	SE 62nd Ave	Portland	97206
34	R84220 5050	Kami L	Gee	5305	SE 62nd Ave	Portland	97206
34	R84220 5040	Kenneth L	Davison	5307	SE 62nd Ave	Portland	97206
34	R82970 0370	Sharon L	Van Daam	5310	SE 62nd Ave	Portland	97206
34	R82970 0450	James	Jamison	5324	SE 62nd Ave	Portland	97206
34	R84220 5020	Ted H & Nicky L	Christensen	5329	SE 62nd Ave	Portland	97206
34	R84220 5030	Miguel & Nadia	Pepelaskov	5339	SE 62nd Ave	Portland	97206
34	R82970 0460	Housing Authority Of Portland		5406	SE 62nd Ave	Portland	97206
34	R84220 5360	Lynda I & Donald F & Russell	Johnson	5407	SE 62nd Ave	Portland	97206
34	R82970 0470	Housing Authority Of Portland		5410	SE 62nd Ave	Portland	97206
34	R82970 0480	Housing Authority Of Portland		5414	SE 62nd Ave	Portland	97206
34	R82970 0570	Ronald L & Marilyn S	Jordan	5420	SE 62nd Ave	Portland	97206
34	R62980 3410	M Cartwright	Cherrie	5050A	SE 62nd Ave	Portland	97206
34	R82970 0020	Russ J & Kellie A	Martin	5221	SE 63rd Ave	Portland	97206
34	R82980 0070	Donald A & Jean M	Pine	5224	SE 63rd Ave	Portland	97206
34	R82970 0070	Charles	Mikesh Jr	5229	SE 63rd Ave	Portland	97206
34	R82970 0160	Gary D	Waldrop	5235	SE 63rd Ave	Portland	97206
34	R82970 0310	Charles W	Bennett Jr	5236	SE 63rd Ave	Portland	97206
34	R82970 0180	Mel	Fox	5243	SE 63rd Ave	Portland	97206
34	R82970 0210	James E & Wanda L	Calhoun	5251	SE 63rd Ave	Portland	97206
34				5127	SE Insley St	Portland	
34	R84220 2190	Bruce E & Leonora M	Klausman	5310	SE Insley St	Portland	97206
34	R84220 2300	David R Tr	Ward	5315	SE Insley St	Portland	97206
34	R84220 2170		Nguyen	5328	SE Insley St	Portland	97206
34	R84220 3540	John Christian	Ivie	5404	SE Insley St	Portland	97206
34	R84220 3530	Thomas N & Jamie L	Bradshaw	5416	SE Insley St	Portland	97206
34	R84220 2920	Floyd C	Schumann	5417	SE Insley St	Portland	97206
34	R84220 2930	Spence J & Lorrie L	Welch	5423	SE Insley St	Portland	97206
34	R84220 3510	Donald E	Oetinger	5426	SE Insley St	Portland	97206
34	R84220 2940	Kim Hon	Truong	5503	SE Insley St	Portland	97206
34	R84220 3490	Vernon A Tr	Benton	5504	SE Insley St	Portland	97206
34	R84220 2950	Jeri Maria	Brooks	5509	SE Insley St	Portland	97206

CRANE & MERSETH ENGINEERING/SURVEY
 UN SEWERED AREAS
 7/28/95

35471

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
34	R84220 3470	Clifford S & Gloria M	Copko	5520	SE Insley St	Portland	97206
34	R84220 3440	Robert J & Mary C	Coffman	5528	SE Insley St	Portland	97206
34	R84220 2980	Jeffrey R & Jill	Durkee	5529	SE Insley St	Portland	97206
34	R84220 2990	Vidella L	Hecox	5609	SE Insley St	Portland	97206
34	R84220 3420	Curtis M & Rosemary	Brighthouse	5610	SE Insley St	Portland	97206
34	R84220 3010	Edward F & Maxine A	Hays Jr	5623	SE Insley St	Portland	97206
34	R84220 3900	Joseph E & Audrey G	Rail	5711	SE Insley St	Portland	97206
34	R84220 3850	William J	Harris	5712	SE Insley St	Portland	97206
34	R84220 3840	Jeffrey R	Huffman	5716	SE Insley St	Portland	97206
34	R84220 3910	Sandra	Martinolich	5723	SE Insley St	Portland	97206
34	R84220 3930	Harry G	McIlroy	5727	SE Insley St	Portland	97206
34	R84220 3820	Frances A	Soderberg	5730	SE Insley St	Portland	97206
34	R84220 3950	Walter E	Popp	5741	SE Insley St	Portland	97206
34	R84220 3800	Chris E	Alsman	5820	SE Insley St	Portland	97206
34	R84220 3810	Chris E	Alsman	5820	SE Insley St	Portland	97206
34	R84220 3970	Randy L	Rohner	5823	SE Insley St	Portland	97206
34	R84220 3780	James H & Margaret	Lienhard	5826	SE Insley St	Portland	97206
34	R84220 3990	Nancy D	Shaffer	5831	SE Insley St	Portland	97206
34	R84220 4010	Ralph & Juanita F	Davis	5903	SE Insley St	Portland	97206
34	R84220 3770	Brian D & Barbara A	Epidendio	5904	SE Insley St	Portland	97206
34	R84220 4030	Donald J	Hanna	5905	SE Insley St	Portland	97206
34	R84220 4040	Richard P & Crystal N	Schild	5911	SE Insley St	Portland	97206
34	R84220 3730	Robbe A & Susan K	Jacoby	5980	SE Insley St	Portland	97206
34	R84220 5520	Ronald	Gleim	6014	SE Insley St	Portland	97206
34	R84220 4910	Parvin Kiai	Garbowicz	6019	SE Insley St	Portland	97206
34	R84220 5500	Donald V & Juanita M	Moffitt	6020	SE Insley St	Portland	97206
34	R84220 4920	Gertrude M	Mindemann	6023	SE Insley St	Portland	97206
34	R84220 5490	Jane E	Elis	6028	SE Insley St	Portland	97206
34	R84220 5480	Mathew D & Sally G	Padrow	6032	SE Insley St	Portland	97206
34	R84220 4930	Irene J	Murphy	6035	SE Insley St	Portland	97206
34	R84220 4940	Donald W	Brown	6039	SE Insley St	Portland	97206
34	R84220 5460	Peter & Oksana	Drobina	6042	SE Insley St	Portland	97206
34	R84220 4950	Mijo & Dragica	Skoro	6105	SE Insley St	Portland	97206
34	R84220 4960	Slavo & Danica	Skoro	6109	SE Insley St	Portland	97206
34	R84220 4970	Louis F & Betty C	Fontana	6111	SE Insley St	Portland	97206
34	R84220 5440	Marilyn J	Dube	6112	SE Insley St	Portland	97206
34	R84220 4980	Linda S	Smith	6119	SE Insley St	Portland	97206
34	R84220 5400	Gerald R & Sandra L	Park	6124	SE Insley St	Portland	97206
34	R84220 4990	Donald A & Katherine N	Burgess	6125	SE Insley St	Portland	97206
34	R84220 5000	Steven D & Marlon J	Smith	6129	SE Insley St	Portland	97206
34	R84220 5010	Lance J & Wendy G	Cannard	6133	SE Insley St	Portland	97206
34	R84220 5380	Sharon C	White	6136	SE Insley St	Portland	97206
34	R84220 2840	Chun Sang	Chuen	5510	SE Mitchell St	Portland	97206
34	R63440 0780	Douglas M	Erickson	5511	SE Mitchell St	Portland	97206
34	R63440 0800	Robert G	Cowithorp	5515	SE Mitchell St	Portland	97206
34	R84220 2820	William D & Joyce M	LaBarre	5520	SE Mitchell St	Portland	97206
34	R63440 0830	Timothy A & Katherine A	Dunagan	5525	SE Mitchell St	Portland	97206

CRANE & MERSETH ENGINEERING/SURVEY
 UN SEWERED AREAS
 7/28/95

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
34	R84220 2810	Michael S & Debra J	Evans	5530	SE Mitchell St	Portland	97206
34	R63440 0836	Joe C & Phyllis G	Schaffeld	5535	SE Mitchell St	Portland	97206
34	R84220 2790	Lola L	Valenzuela	5608	SE Mitchell St	Portland	97206
34	R63440 0850	Allen B	Thompson	5609	SE Mitchell St	Portland	97206
34	R84220 2770	Tina M	Tankersley	5618	SE Mitchell St	Portland	97206
34	R84220 2750	Juanita L	Conner	5630	SE Mitchell St	Portland	97206
34	R63440 0880	Don G & Geraldine M	Dixon	5633	SE Mitchell St	Portland	97206
34	R84220 2730	Victor L	Rust	5638	SE Mitchell St	Portland	97206
34	R63440 1000	Lee R & Gladys L	Jacoby	5705	SE Mitchell St	Portland	97206
34	R84220 4560	Daniel E	Peterson	5708	SE Mitchell St	Portland	97206
34	R84220 4530	Mildred W	Hampton	5716	SE Mitchell St	Portland	97206
34	R63440 1020	Catherine D	Sewell	5717	SE Mitchell St	Portland	97206
34	R63440 1030	Irving G & Jeanette R	Gallucci	5725	SE Mitchell St	Portland	97206
34	R84220 4520	R A & Joanne	Lashbaugh	5802	SE Mitchell St	Portland	97206
34	R84220 4510	William H & Kathleen	Mitchell	5804	SE Mitchell St	Portland	97206
34	R84220 4500	Kenneth C & Frances E	Snow	5806	SE Mitchell St	Portland	97206
34	R84220 4490	James E	Pickering	5810	SE Mitchell St	Portland	97206
34	R63440 1120	Thomas R	Schwab	5817	SE Mitchell St	Portland	97206
34	R84220 4470	Percy K	Grier	5824	SE Mitchell St	Portland	97206
34	R33680 0370	Michael J	Bross	5829	SE Mitchell St	Portland	97206
34	R84220 4450	William J & Gloria A	McKeown	5840	SE Mitchell St	Portland	97206
34	R33680 0170	Theodore L & Carmen M	Majhor	5907	SE Mitchell St	Portland	97206
34	R84220 4430	Irma Jane	Hickey	5910	SE Mitchell St	Portland	97206
34	R33680 0150	Richard W	Morris	5931	SE Mitchell St	Portland	97206
34	R84220 4870	Troy A	Reichlein	6010	SE Mitchell St	Portland	97206
34	R84220 4860	Patricia A	Mackay	6016	SE Mitchell St	Portland	97206
34	R84220 4850	William & Dorothy M	Pappenheim	6020	SE Mitchell St	Portland	97206
34	R84220 4840	Brett J	Diffley	6028	SE Mitchell St	Portland	97206
34	R84220 4830	Roni	Suran	6036	SE Mitchell St	Portland	97206
34	R84220 4810	W Deen	Thomas	6040	SE Mitchell St	Portland	97206
34	R84220 4800	Paul A & Jan M	Colony	6104	SE Mitchell St	Portland	97206
34	R84220 4790	Karen	Checkoway	6116	SE Mitchell St	Portland	97206
34	R84220 4780	John M & Stormi D	Konsa	6122	SE Mitchell St	Portland	97206
34	R99218 2310	Victoria L	Smith	6125	SE Mitchell St	Portland	97206
34	R84220 4760	Mark A	Holenstein	6130	SE Mitchell St	Portland	97206
34				6141	SE Steele	Portland	
34				6159	SE Steele	Portland	
34	R84220 2460	Richard L & Carolyn E	Mullin	5305	SE Steele St	Portland	97206
34	R84220 2360	Elaine C	Larson	5312	SE Steele St	Portland	97206
34	R84220 2480	Inez	Linn	5317	SE Steele St	Portland	97206
34	R84220 2490	John L	Laubach	5323	SE Steele St	Portland	97206
34	R84220 2340	Albert	Gretsch	5326	SE Steele St	Portland	97206
34	R84220 3170	Albert H	Palmer	5416	SE Steele St	Portland	97206
34	R84220 2600	Betty	Bergstrom	5419	SE Steele St	Portland	97206
34	R84220 2610	Harold L & Murna C	Heimer	5501	SE Steele St	Portland	97206
34	R84220 3150	Carrie L	Waldo	5506	SE Steele St	Portland	97206
34	R84220 3130	F Dennis	Lynch	5516	SE Steele St	Portland	97206
34	R84220 2630	Joel & Debbie	Doty	5517	SE Steele St	Portland	97206
34	R84220 3120	Billy E	Bonner	5524	SE Steele St	Portland	97206
34	R84220 2650	Gordon F & Marlene E	Zimmerman	5529	SE Steele St	Portland	97206

AREA 34

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	6980 LF	\$ 25 00 LF	\$ 174,500 00
6" ASTM C-14, CL 3 CSP	4575 LF	\$ 22 00 LF	\$ 100,650 00
6"X8" TEE, ASTM C-14, CL 3	183 EA	\$ 100 00 EA	\$ 18,300 00
48" STD PRECAST MH	22 EA	\$ 1,800 00 EA	\$ 39,600 00
48" STD PRECAST MH, OVER 8'	17 LF	\$ 200 00 LF	\$ 3,400 00
8" CONNECTION TO EXISTING MH	0 EA	\$ 600 00 EA	\$ -
8" CONNECTION TO EXISTING PIPE	2 EA	\$ 400 00 EA	\$ 800 00
COMMON TRENCH EXC & NATIVE BACKFILL	9170 CY	\$ 15 00 CY	\$ 137,545 83
CSP PIPE BEDDING CLASS "C"	2751 CY	\$ 25 00 CY	\$ 68,772 92
IMP GRANULAR BACKFILL	6419 CY	\$ 10 00 CY	\$ 64,188 06
AC PAVEMENT REPLACEMENT 2" THICK	3445 SY	\$ 20 00 SY	\$ 68,908 33
ROCK SURFACING	30 CY	\$ 20 00 CY	\$ 608 33
CONCRETE CURB REPLACEMENT	537 LF	\$ 20 00 LF	\$ 10,740 00
SIDEWALK REPLACEMENT	720 SF	\$ 50 00 SF	\$ 36,000 00
SUMP REPLACEMENT	6 EA	\$ 10,000 00 EA	\$ 60,000 00
RECONSTRUCT EXIST INLET	31 EA	\$ 500 00 EA	\$ 15,500 00
TOTAL CONSTRUCTION COST			\$ 799,513 47
TOTAL PROJECT COST			\$ 1,119,318.86
EXISTING HOMES SERVED	179 EA		
VACANT LOTS SERVED	4 EA		
TOTAL SERVICES	183 EA		
TOTAL COST PER SERVICE			\$ 6,116.50

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

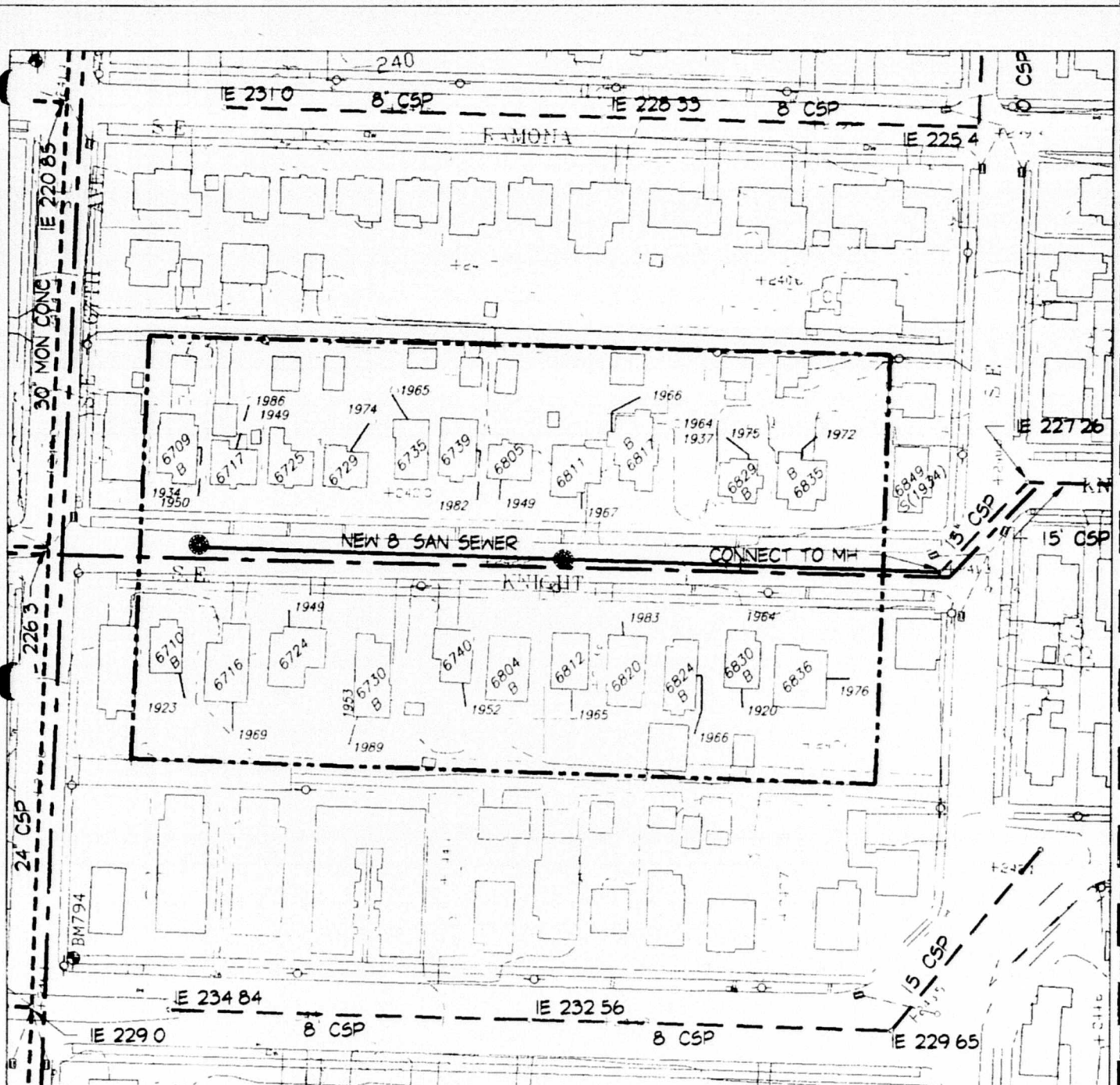
34

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	8

* Annual CIP review should include survey of other bureaus for area projects



NEIGHBORHOOD	MT SCOTT-ARLETA
QUARTER SECTION	3637
LOCATION	S E KNIGHT ST BETWEEN S.E 67th TO 69th AVE
CONTRIBUTES TO CSO?	NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
 S - SEWER CONNECTED



SCALE 1"=100'
 AREA 35

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 35

NEIGHBORHOOD Mt Scott-
Arleta

LOCATION SE Knight Street
between SE 67th and
SE 69th Avenues

QUARTER SECTION 3637

Project Description:

This project will provide sanitary sewer service to 21 homes in the Mt Scott-Arleta neighborhood. The line will begin with a connection to the existing sewer system at the intersection of SE Knight Street and SE 69th Avenue and will extend 525 feet west on SE Knight Street to its terminus. Completion of this project will allow removal of 22 septic systems.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 22nd priority project. The residences in this project area were constructed in the 1920's and some of the septic system installed at that time are still in service. Records indicate that over 50 percent of the homes have had new septic systems installed following the original installation with the latest of these installations occurring in 1989.

Project Cost:

Construction of this project will cost about \$ 105,500. This includes provision of service lines to the edge of the property of each home. In all, 21 homes will receive sewage service connections to the public system.

On average this project will cost \$ 5023 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
35	R84200 2080	Judith L	Hutchison	6709	SE Knight St	Portland	97206
35	R84200 2140	James L & Susan I	Stevenson	6710	SE Knight St	Portland	97206
35	R84200 2160	Mary J	Wnght	6716	SE Knight St	Portland	97206
35	R84200 2060	Lloyd A & Rhonda M	Albrecht Jr	6717	SE Knight St	Portland	97206
35	R84200 2180	David B	Webb	6724	SE Knight St	Portland	97206
35	R84200 2040	J Carl & Eileen L	Sweeten	6725	SE Knight St	Portland	97206
35	R84200 2020	Madeline L	York	6729	SE Knight St	Portland	97206
35	R84200 2200	Norman D	Loyd	6730	SE Knight St	Portland	97206
35	R84200 2000	Dorothy J	Frew	6735	SE Knight St	Portland	97206
35	R84200 1980	Judith Lee	Hutchison	6739	SE Knight St	Portland	97206
35	R84200 2240	Ruth E	Daniels	6740	SE Knight St	Portland	97206
35	R84200 2260	Thomas D & Carol	Blalock	6804	SE Knight St	Portland	97206
35	R84200 1940	John S & Arlee E	Burbach	6805	SE Knight St	Portland	97206
35	R84200 1920	Gerald G	Pace	6811	SE Knight St	Portland	97206
35	R84200 2280	John D	Woodhouse	6812	SE Knight St	Portland	97206
35	R84200 1880	Floyd M	Jones	6817	SE Knight St	Portland	97206
35	R84200 2300	Richard N & Carole K	Howard	6820	SE Knight St	Portland	97206
35	R84200 2320	Thomas J & Carolyn W	Wenrich	6824	SE Knight St	Portland	97206
35	R84200 1860	Walter J & Mary	Vogt Jr	6829	SE Knight St	Portland	97206
35	R84200 2340	Barbara J	Fish	6830	SE Knight St	Portland	97206
35	R84200 1820	Esther L	Hahn	6835	SE Knight St	Portland	97206
35	R84200 2360	Stanley E	Kirk	6836	SE Knight St	Portland	97206

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	530 LF	\$ 25 00 LF	\$ 13,250 00
6" ASTM C-14, CL 3 CSP	578 LF	\$ 22 00 LF	\$ 12,705 00
6"X8" TEE, ASTM C-14, CL 3	21 EA	\$ 100 00 EA	\$ 2,100 00
48" STD PRECAST MH	2 EA	\$ 1,800 00 EA	\$ 3,600 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	2 EA	\$ 600 00 EA	\$ 1,200 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	845 CY	\$ 15 00 CY	\$ 12,681 25
CSP PIPE BEDDING CLASS "C"	254 CY	\$ 25 00 CY	\$ 6,340 63
IMP GRANULAR BACKFILL	592 CY	\$ 10 00 CY	\$ 5,917 92
AC PAVEMENT REPLACEMENT 2" THICK	317 SY	\$ 20 00 SY	\$ 6,333 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	63 LF	\$ 20 00 LF	\$ 1,260 00
SIDEWALK REPLACEMENT	189 SF	\$ 50 00 SF	\$ 9,450 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 75,338.13
TOTAL PROJECT COST			\$ 105,473.38
EXISTING HOMES SERVED	21 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	21 EA		
TOTAL COST PER SERVICE			\$ 5,022.54

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

35

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	5
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	7
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	8

* Annual CIP review should include survey of other bureaus for area projects



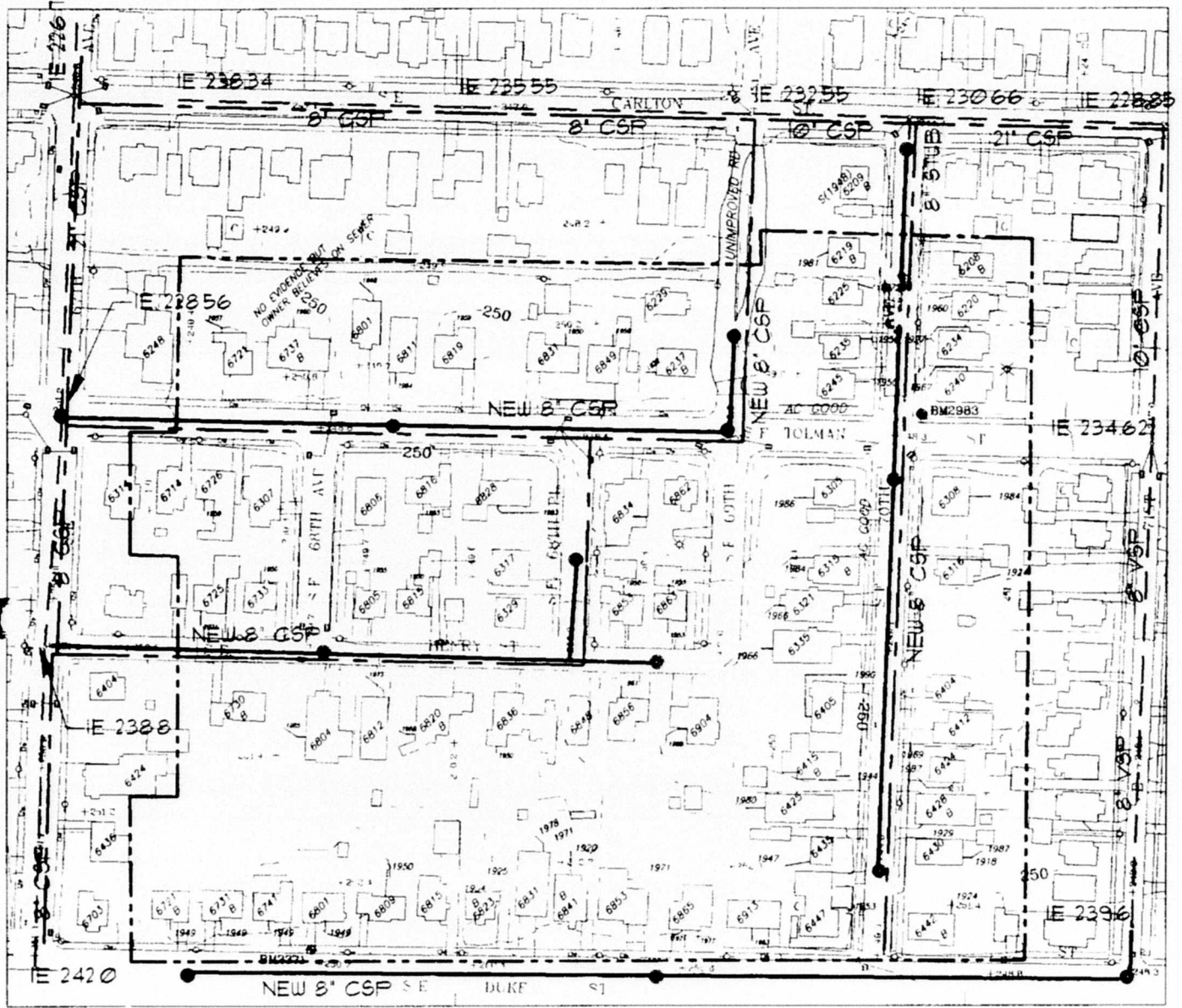
NEIGHBORHOOD
 QUARTER SECTION
 LOCATION

MT SCOTT-ARLETA
 3637

S.E. TOLMAN ST
 BETWEEN SE 67th TO 70th AVE

CONTRIBUTES TO CSO?

NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1" = 150'

AREA 36

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 36

NEIGHBORHOOD Mt Scott-
Arleta

LOCATION Generally between SE
Carlton and SE Duke,
east of SE 67th Avenue and
west of SE 70th Avenue

QUARTER SECTION 3637

Project Description:

This project will provide sanitary sewer service to 69 homes in the project area. Because of the flat topography of this area, service will be provided from several sides of the project area. Connections will be made to existing sewers at four locations, SE 67th and Tolman, SE 67th and Henry, SE Carlton and 70th and SE 71st and Duke. In all, this project will require 3150 feet of sanitary sewer, 13 manholes and service branches to 70 properties.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 32 priority project. Plumbing records seem to indicate that septic systems were installed in the area as early as 1918 with many of the homes indicating septic system dates in the 1920's and 1930's. It also appears that less than 40 percent of the homes have had new septic systems installed following the original installation.

Project Cost:

Construction of this project will cost about \$ 455,600. This includes provision of service lines to the edge of the property of each home. In all, 69 homes will receive sewage service connections to the public system.

On average this project will cost \$ 6508 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
36	R66670 1610	Malinda	DeBuriel	6219	SE 70th Ave	Portland	36
36	R66670 1490	Elizabeth M & Herbert J	Darby	6220	SE 70th Ave	Portland	36
36	R66670 1630	Charles E & Lois E	Dnscoll	6225	SE 70th Ave	Portland	36
36	R02190 0070	Rex	Bowe	6234	SE 70th Ave	Portland	36
36	R02190 0100	Loreto V A	Di	6235	SE 70th Ave	Portland	36
36	R02190 0080	Carol J & Michael J	Dunn	6240	SE 70th Ave	Portland	36
36	R02190 0090	David W & Jan	Weathers	6245	SE 70th Ave	Portland	36
36	R02190 0230	Ernest Lee & Sabine C	Petefish	6305	SE 70th Ave	Portland	36
36	R02190 0360	Benjamin N & Anunciacion H	Reyes	6308	SE 70th Ave	Portland	36
36	R02190 0200	Jacobo & Virginia M	Payes	6315	SE 70th Ave	Portland	36
36	R02190 0380	Ronald L	Brown	6316	SE 70th Ave	Portland	36
36	R02190 0190	Vada Louise	Beavis	6321	SE 70th Ave	Portland	36
36	R02190 0180	Faith Mission	Apostolic	6335	SE 70th Ave	Portland	36
36	R02190 0420	Laura A	Pflegger	6404	SE 70th Ave	Portland	36
36	R02190 0160	Francis H	Chun	6405	SE 70th Ave	Portland	36
36	R02190 0430	Daniel L	Gassoway	6412	SE 70th Ave	Portland	36
36	R02190 0150	Mary Ann	Freeman	6415	SE 70th Ave	Portland	36
36	R02190 0440	Roger N	Barber	6424	SE 70th Ave	Portland	36
36	R02190 0140	Nhan Van	Chau	6425	SE 70th Ave	Portland	36
36	R02190 0460	E Lloyd	Coffey	6430	SE 70th Ave	Portland	36
36	R02190 0130	Harvey L & Mary A	West	6435	SE 70th Ave	Portland	36
36	R02190 0480	Stephen C	Miles	6442	SE 70th Ave	Portland	36
36	R02190 0120	Esther M	White	6447	SE 70th Ave	Portland	36
36	R81310 0060	Douglas E & Ruth E	Sprnking	6721	SE Duke St	Portland	36
36	R81310 0090	George D & Verna W	Lee	6731	SE Duke St	Portland	36
36	R81310 0120	Brian Thomas	Murphy	6741	SE Duke St	Portland	36
36	R81310 0150	Pearl M	Beebe	6801	SE Duke St	Portland	36
36	R81310 0180	Bruno D	Buranello	6809	SE Duke St	Portland	36
36	R81310 0210	Elvon E	Bell	6815	SE Duke St	Portland	36
36	R81310 0260	Clarence L	Mihm	6823	SE Duke St	Portland	36
36	R81310 0290	Kenneth I & Sheila R	Clark	6831	SE Duke St	Portland	36
36	R81310 0320	Connie L	Taylor	6841	SE Duke St	Portland	36
36	R81310 0350	Patrick J & Donna M	Hart	6853	SE Duke St	Portland	36
36	R81310 0370	Burton	Hotchkiss	6865	SE Duke St	Portland	36

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ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	3150 LF	\$ 25 00 LF	\$ 78,750 00
6" ASTM C-14, CL 3 CSP	1750 LF	\$ 22 00 LF	\$ 38,500 00
6"X8" TEE, ASTM C-14, CL 3	70 EA	\$ 100 00 EA	\$ 7,000 00
48" STD PRECAST MH	13 EA	\$ 1,800 00 EA	\$ 23,400 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	3 EA	\$ 600 00 EA	\$ 1,800 00
8" CONNECTION TO EXISTING PIPE	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	3934 CY	\$ 15 00 CY	\$ 59,013 89
CSP PIPE BEDDING CLASS "C"	1180 CY	\$ 25 00 CY	\$ 29,506 94
IMP GRANULAR BACKFILL	2754 CY	\$ 10 00 CY	\$ 27,539 81
AC PAVEMENT REPLACEMENT 2" THICK	1478 SY	\$ 20 00 SY	\$ 29,555 56
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	210 LF	\$ 20 00 LF	\$ 4,200 00
SIDEWALK REPLACEMENT	495 SF	\$ 50 00 SF	\$ 24,750 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	2 EA	\$ 500 00 EA	\$ 1,000 00
TOTAL CONSTRUCTION COST			\$ 325,416.20
TOTAL PROJECT COST			\$ 455,582.69
EXISTING HOMES SERVED	69 EA		
VACANT LOTS SERVED	1 EA		
TOTAL SERVICES	70 EA		
TOTAL COST PER SERVICE			\$ 6,508.32

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

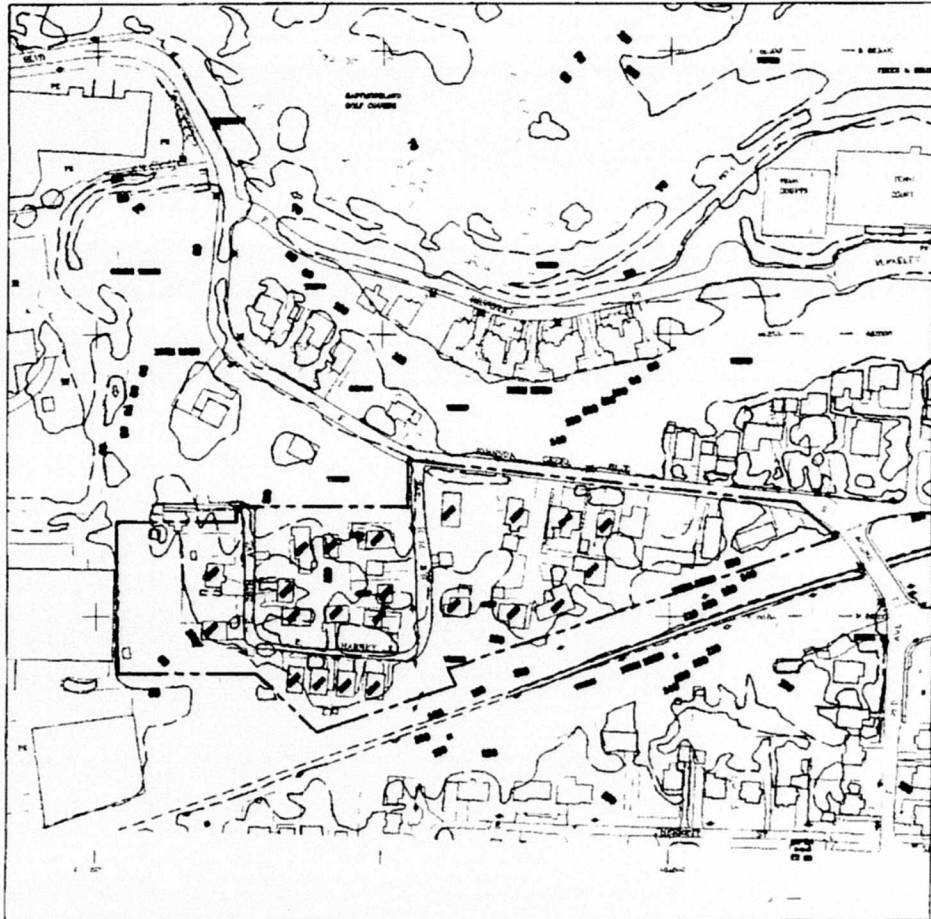
Project Area Number

36

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	5
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	2
II Implementation		
1 Is the project in a CSO impact area?	Yes No X	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	0
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	8

* Annual CIP review should include survey of other bureaus for area projects

35471



NEIGHBORHOOD

ARDENWALD

QUARTER SECTION

3833-3834

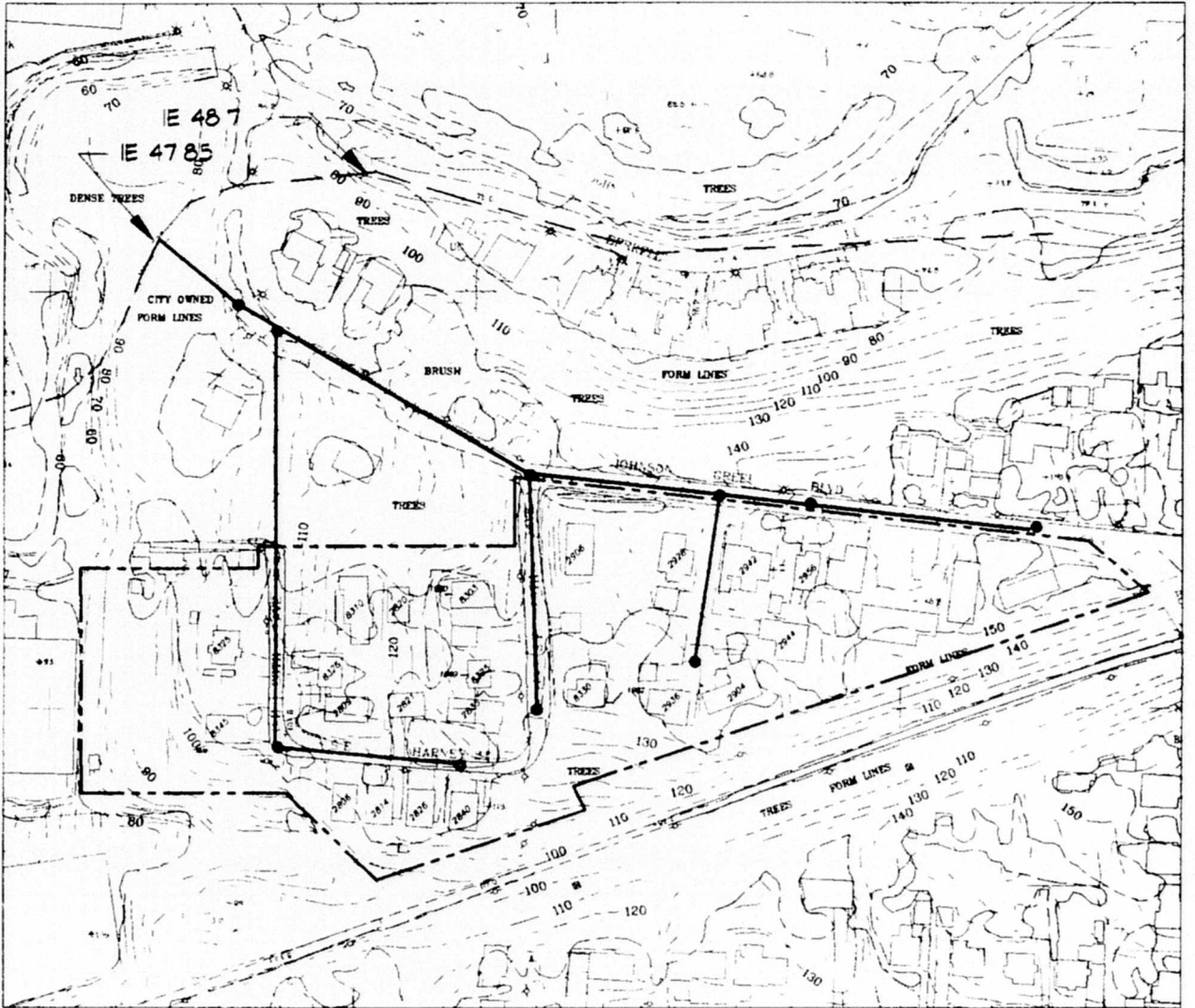
LOCATION:

S E HARNEY ST
BETWEEN SE 26th PL. TO 33rd AVE

CONTRIBUTES TO CSO?

NO

AREA NO. 37



LEGEND

NEW SANITARY LINE	—————
EXISTING SANITARY LINE	- - - - -
EXISTING STORM LINE	- - - - -
EXISTING WATER LINE	- - - - -
BOUNDARY LINE	—————
FENCE LINE	—————
LOT LINES	—————
EXISTING MANHOLE	●
NEW MANHOLE	○

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=200'
AREA 37



35471

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 37

NEIGHBORHOOD Ardenwald

LOCATION. South of Johnson Creek
Blvd and west of SE 32nd
Avenue

QUARTER SECTION 3833 & 3834

Project Description:

This project will provide sanitary sewer service to 25 homes in the Ardenwald neighborhood. This area abuts the city of Milwaukie and will be tributary to the Johnson Creek Interceptor. The line will begin with a connection to the existing interceptor at on Johnson Creek and will extend 1120 feet east along Johnson Creek Blvd. It will branch to the south at three locations to serve the homes in the area. These lateral lines will add a total of 1200 additional feet of sewerline to the project.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 34th priority project. The residences in this project area were constructed in the 1930's and some of the septic system installed at that time are still in service. Only 3 of the homes in the area have septic system records on file. The city of Portland has initiated a street project in the area on Johnson Creek Blvd, and through this project will install some of the sanitary sewers needed to serve this area. This factor should place the project in a higher priority.

Project Cost:

Including the sewerline on Johnson Creek Blvd, construction of this project will cost about \$ 237,000. This includes provision of service lines to the edge of the property of each home. In all, 25 homes will receive sewage service connections to the public system.

On average this project will cost \$ 9482 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
37	R11860 0010	Ricahrd B & Teresa A	Underwood	8303	SE 29th Ave	Portland	97202
37	R11860 0020	Ricahrd B & Teresa A	Underwood	8303	SE 29th Ave	Portland	97202
37	R11860 0030	Shannon G	Beam	8325	SE 29th Ave	Portland	97202
37	R99124 1490	Bonita H	Garlan	8330	SE 29th Ave	Portland	97202
37	R99124 0590	Manan J	Faustina	8455	SE 29th Ave	Portland	97222
37	R07091 2570	Edna S	Greenwood	3735	SE Berkeley Way	Portland	97202
37	R99124 0160	Wayne R & Diana R	Anderson	2906	SE Tacoma St	Portland	97202
37	R99124 1360	George & May	Kasahara	2928	SE Tacoma St	Portland	97202
37	R99124 1110	Kathleen A	Shipley	2936	SE Tacoma St	Portland	97202
37	R99124 1780	Randy J	Schwindt	2940	SE Tacoma St	Portland	97202
37	R99124 1730	Raymond L & Margaret M	Rider	2942	SE Tacoma St	Portland	97202
37	R99124 1890	Betty J	Hinshaw	2944	SE Tacoma St	Portland	97202
37	R99124 1350	Nancy C	Turpin	2956	SE Tacoma St	Portland	97202
37	R99124 2110	Ronald & Karen	Tindall	2741	SE Umatilla St	Portland	97202
37	R99124 2080	Raymond A & Rachel A	Deyott Jr	2747	SE Umatilla St	Portland	97202
37	R11860 0100	Denise E	Mills	2820	SE Umatilla St	Portland	97202

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ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	2300 LF	\$ 25 00 LF	\$ 57,500 00
6" ASTM C-14, CL 3 CSP	375 LF	\$ 22 00 LF	\$ 8,250 00
6"X8" TEE, ASTM C-14, CL 3	25 EA	\$ 100 00 EA	\$ 2,500 00
48" STD PRECAST MH	9 EA	\$ 1,800 00 EA	\$ 16,200 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	2288 CY	\$ 15 00 CY	\$ 34,312 50
CSP PIPE BEDDING CLASS "C"	686 CY	\$ 25 00 CY	\$ 17,156 25
IMP GRANULAR BACKFILL	1601 CY	\$ 10 00 CY	\$ 16,012 50
AC PAVEMENT REPLACEMENT 2" THICK	764 SY	\$ 20 00 SY	\$ 15,283 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	75 LF	\$ 20 00 LF	\$ 1,500 00
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
TOTAL CONSTRUCTION COST			\$ 169,314.58
TOTAL PROJECT COST			\$ 237,040.42
EXISTING HOMES SERVED	25 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	25 EA		
TOTAL COST PER SERVICE			\$ 9,481.62

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

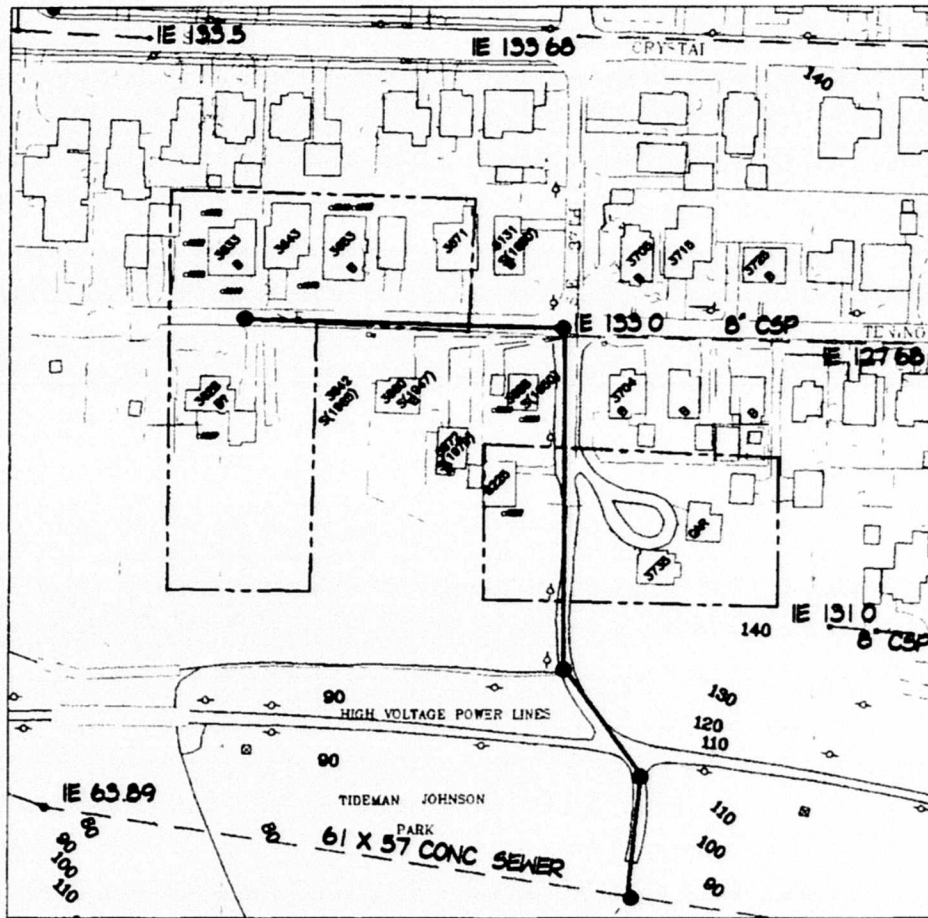
Project Area Number

37

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	5
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	5
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes 3 points no - 8 points	3
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	5

* Annual CIP review should include survey of other bureaus for area projects

35471



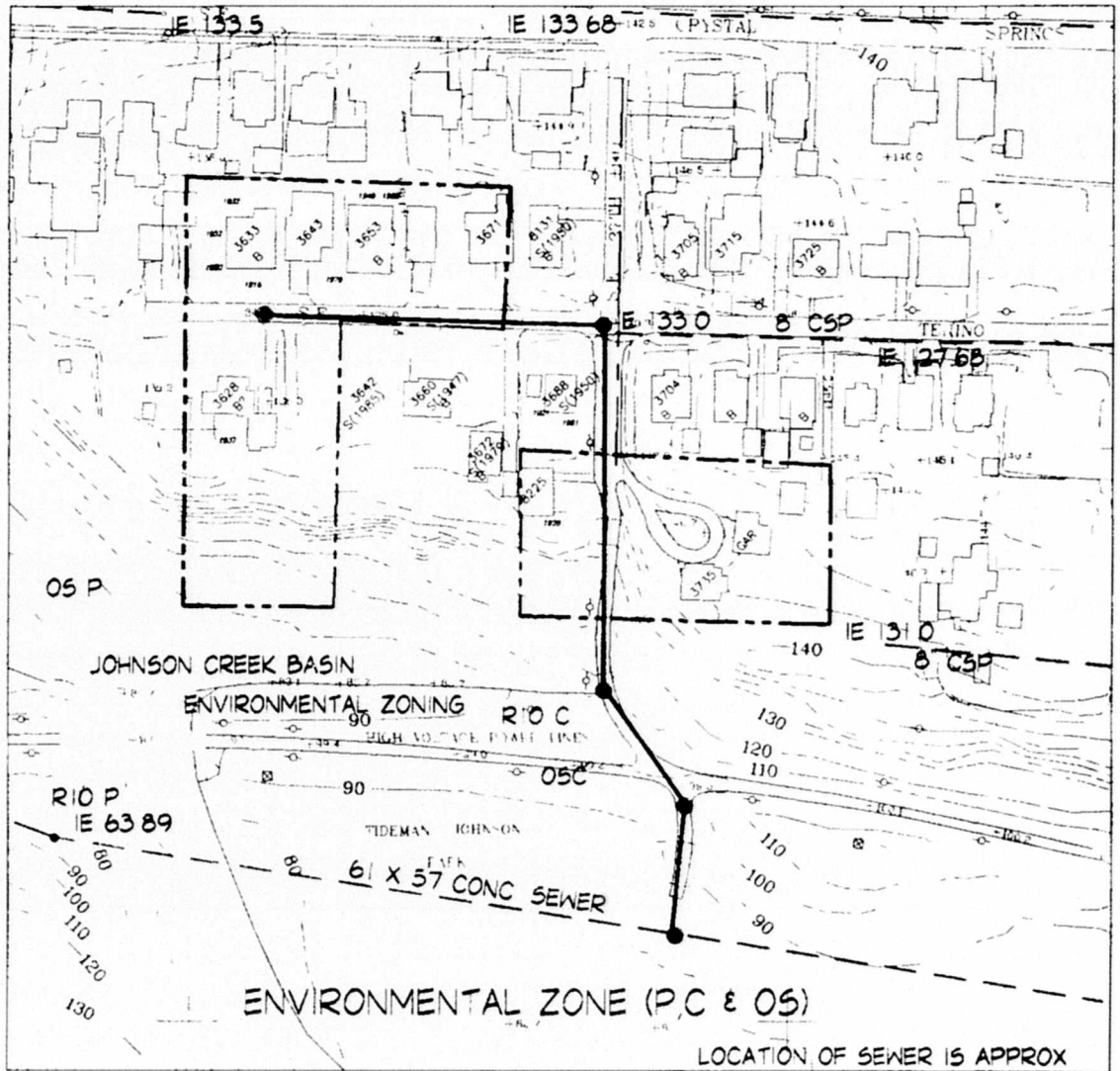
NEIGHBORHOOD
QUARTER SECTION
LOCATION:

EASTMORELAND
3834
SE TENINO ST
WEST OF 37th AVE

CONTRIBUTES TO CSO?

NO

AREA NO. 38



LEGEND

- NEW SANITARY LINE —————
- EXISTING SANITARY LINE - - - - -
- EXISTING STORM LINE - - - - -
- EXISTING WATER LINE - - - - -
- BOUNDARY LINE - - - - -
- FENCE LINE - - - - -
- LOT LINES - - - - -
- EXISTING MANHOLE ○
- NEW MANHOLE ●

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=150'

AREA 38

35471

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 38

NEIGHBORHOOD Eastmoreland

LOCATION SE Tenino west of
SE 37th Avenue

QUARTER SECTION 3834

Project Description:

This project will provide sanitary sewer service to 7 homes in the Eastmoreland neighborhood and in the process, allow reconnection of 3 homes to the new sewerline. To serve these homes with gravity sewer service the line will begin with a connection to the Johnson Creek interseptor sewer system in Tideman Johnson Park and extend 540 feet north through the entrance to the park from SE 37th Avenue. It will then extend 285 feet south on SE Tenino Street to serve homes in the area.

Alternatively, a small gravity collection system could be installed on SE Tenino feeding a small pumping station located at the west end of the project area. This station would pump sewage to the existing sanitary sewer located at the intersection of SE 37th Avenue and SE Tenino.

Either system would provide adequate service to the area with each having advantages and disadvantages. For purposes of this study, the gravity sewer to Johnson Creek interseptor is selected for comparison with other projects in the city.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 28th priority project. Five of the residences in this project area have septic system records on file. Of those, three show repair projects during the lifetime of the system. The oldest septic system still in service was constructed in the 1926. Records indicate that over 50 percent of the homes have had new septic systems installed following the original installation with the latest of these installations occurring in 1983.

Project Cost:

Construction of this project will cost about \$ 93,300 This includes provision of service lines to the edge of the property of each home In all, 7 homes will receive sewage service connections to the public system and three more on SE Tenino Street will have the opportunity to replumb their existing service branches

On average this project will cost \$ 11,666 per residence This compares to a city-wide average of \$ 9769 per residence for all similar projects

AREA 38

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	840 LF	\$ 25 00 LF	\$ 21,000 00
6" ASTM C-14, CL 3 CSP	160 LF	\$ 22 00 LF	\$ 3,520 00
6"X8" TEE, ASTM C-14, CL 3	8 EA	\$ 100 00 EA	\$ 800 00
48" STD PRECAST MH	5 EA	\$ 1,800 00 EA	\$ 9,000 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	0 EA	\$ 600 00 EA	\$ -
8" CONNECTION TO EXISTING PIPE	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	850 CY	\$ 15 00 CY	\$ 12,755 56
CSP PIPE BEDDING CLASS "C"	255 CY	\$ 25 00 CY	\$ 6,377 78
IMP GRANULAR BACKFILL	595 CY	\$ 10 00 CY	\$ 5,952 59
AC PAVEMENT REPLACEMENT 2" THICK	319 SY	\$ 20 00 SY	\$ 6,377 78
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	24 LF	\$ 20 00 LF	\$ 480 00
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
TOTAL CONSTRUCTION COST			\$ 66,663.70
TOTAL PROJECT COST			\$ 93,329.19
EXISTING HOMES SERVED	7 EA		
VACANT LOTS SERVED	1 EA		
TOTAL SERVICES	8 EA		
TOTAL COST PER SERVICE			\$ 11,666.15

COST ESTIMATES

Sewer Extension Master Plan

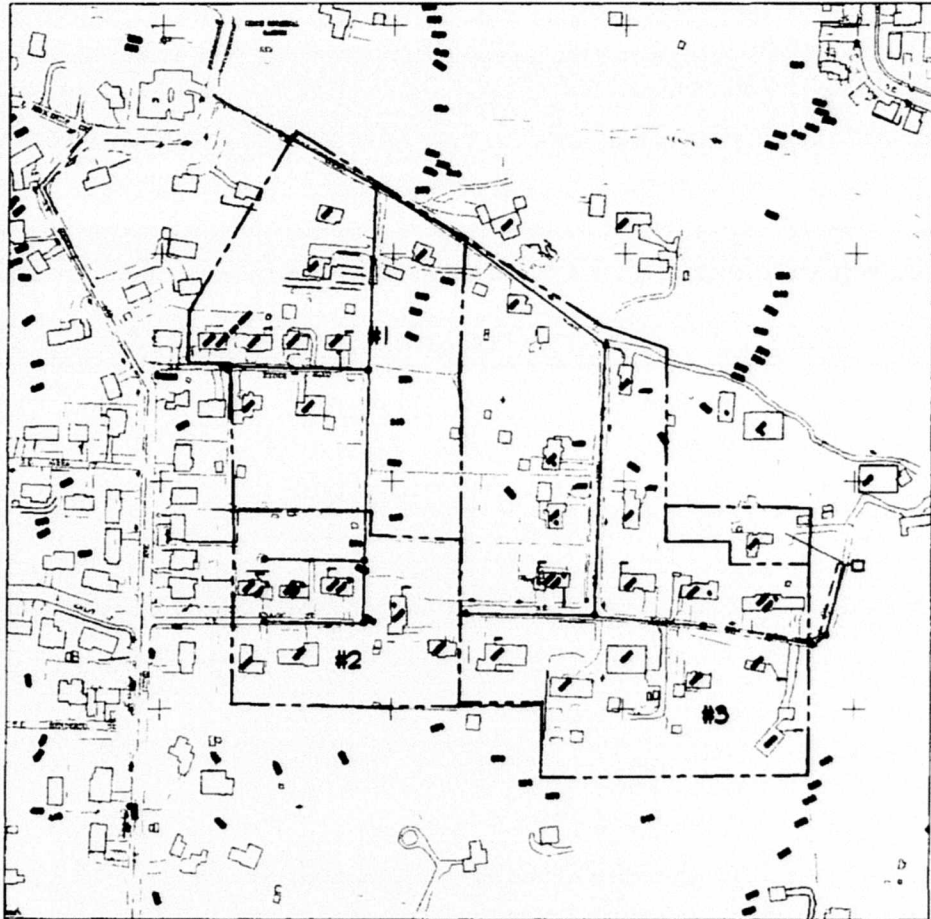
Priority Criteria and Scoring

Project Area Number

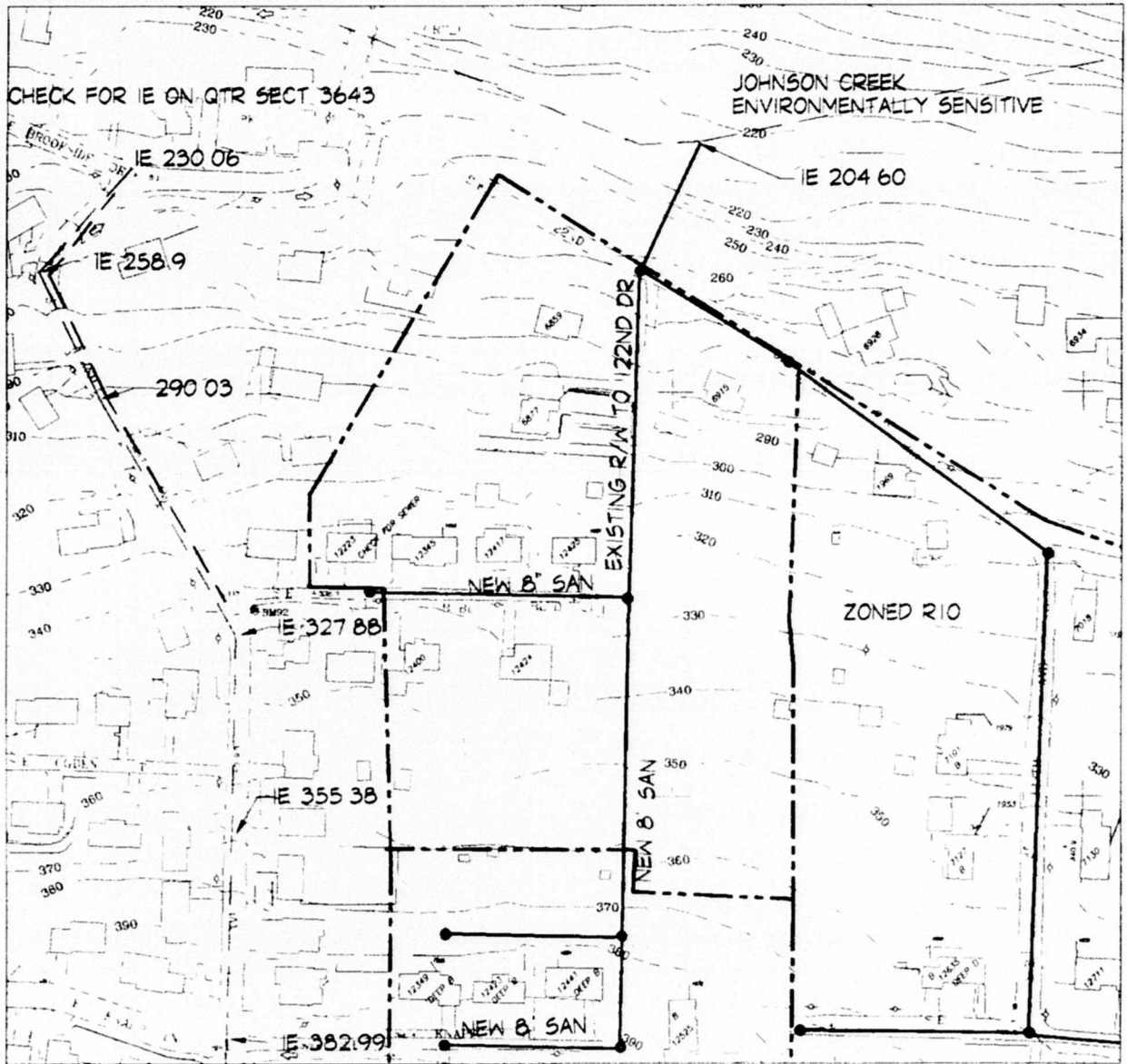
30

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	5
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	7
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	9
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	3
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	5

* Annual CIP review should include survey of other bureaus for area projects



NEIGHBORHOOD	PLEASANT VALLEY
QUARTER SECTION	3743
LOCATION:	SE KNAPP ST
	EAST OF 122nd TO WEST OF 127th AVE.
CONTRIBUTES TO CSO?	NO



LEGEND

NEW SANITARY LINE	=====
EXISTING SANITARY LINE	-----
EXISTING STORM LINE	-----
EXISTING WATER LINE	-----
BOUNDARY LINE	-----
FENCE LINE	-----
LOT LINES	-----
EXISTING MANHOLE	○
NEW MANHOLE	●

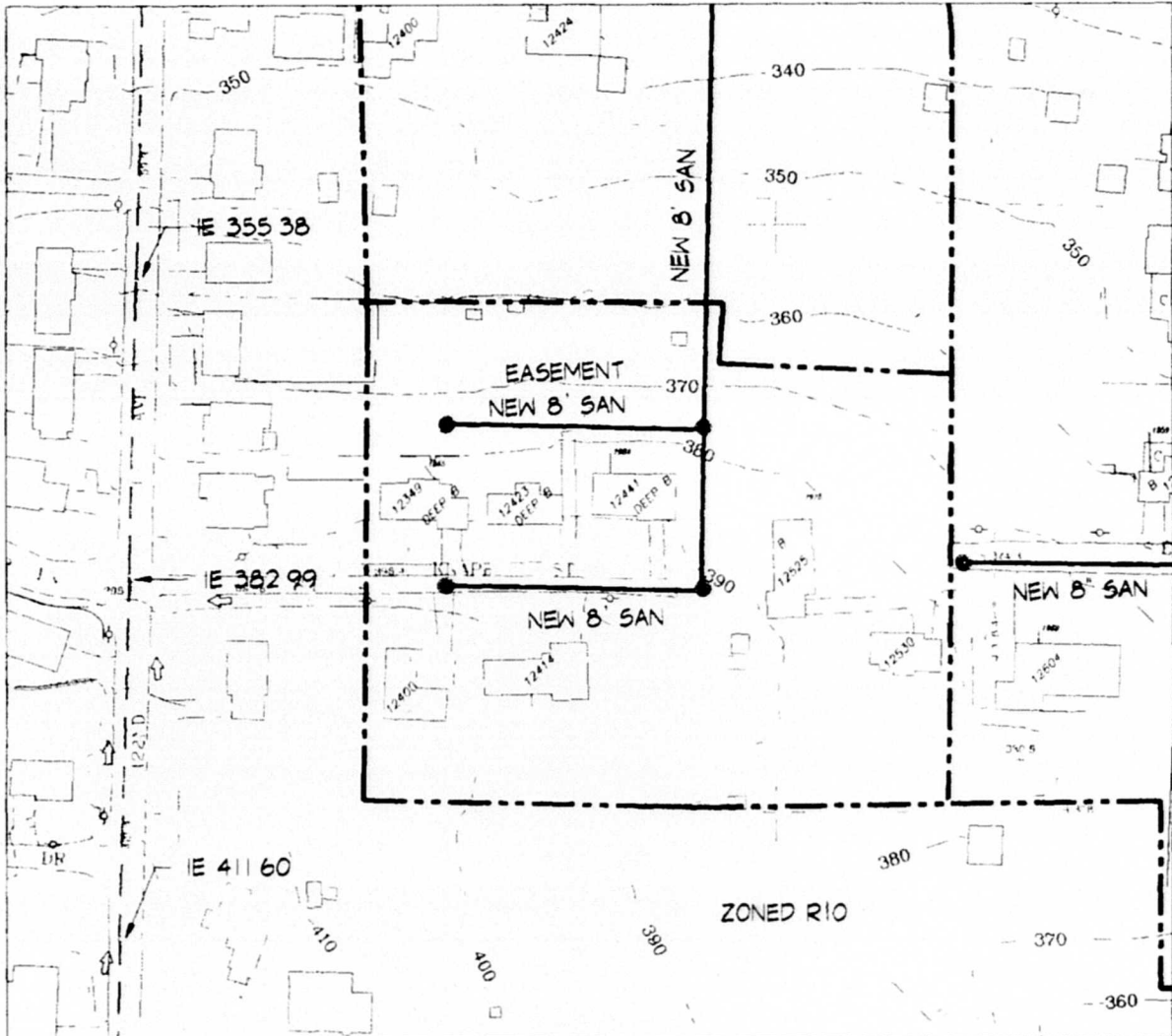
B - BASEMENT
S - SEWER CONNECTED



SCALE 1" = 200'

AREA 39A

35471



LEGEND

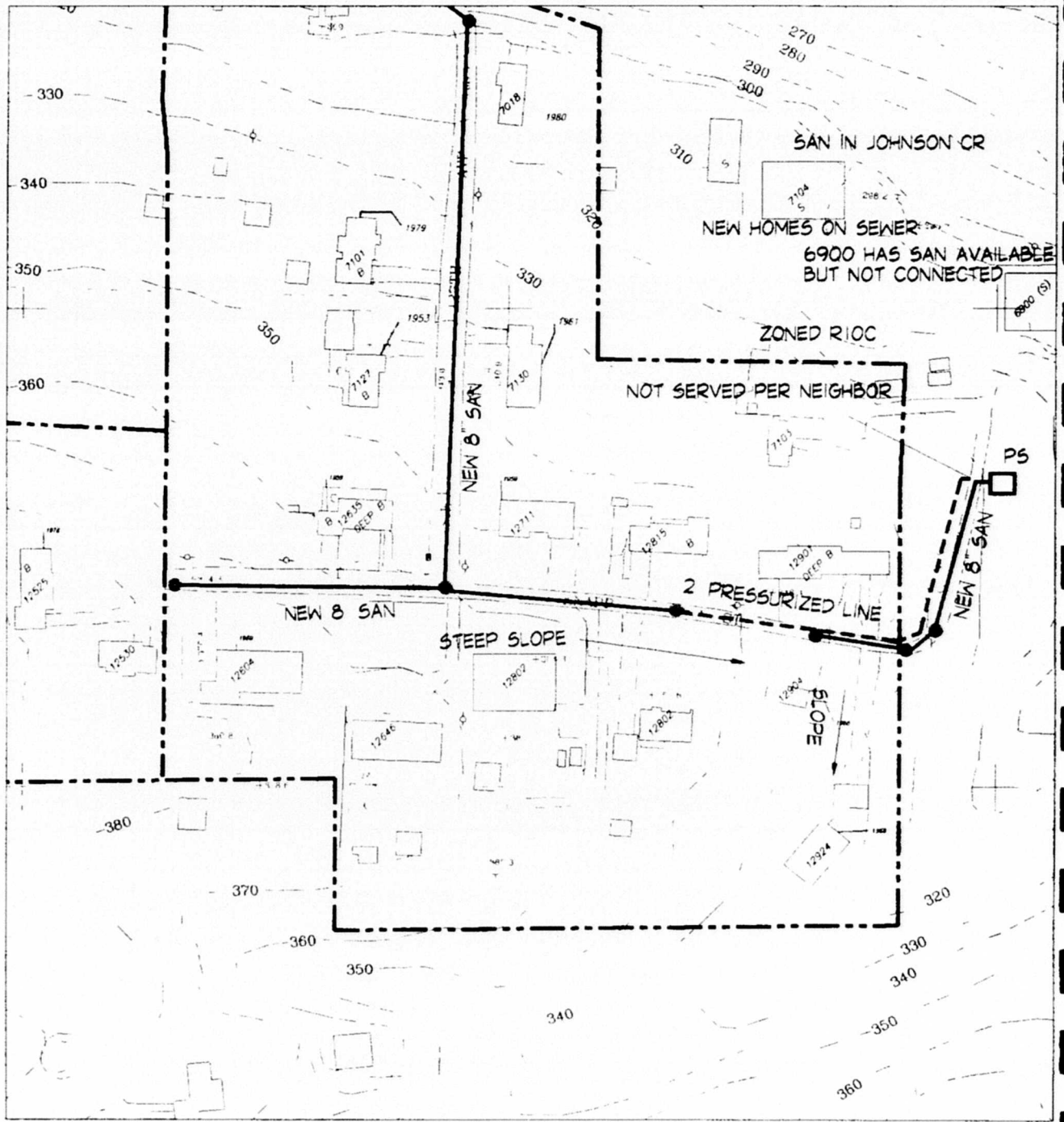
- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=150'

AREA 39B



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=150'

AREA 39C

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 39

NEIGHBORHOOD Pleasant Valley

LOCATION East of SE 122nd Avenue
south of Johnson Creek

QUARTER SECTION 3743

Project Description:

This project will provide sanitary sewer service to 32 homes in an area of approximately 24 acres. Future development in the area may double the number of homes served by this system. The local system begins with a connection to the existing sewer system at the intersection of SE 122nd Avenue and SE 122nd Drive and will extend east on SE 122nd Drive from there. Four hundred feet east of SE 122nd Avenue, the line will extend south on SE 125th Avenue for a distance of 960 feet. Along this route, laterals on SE Bybee Blvd, SE Ogden and SE Knapp will serve homes on those streets.

Extending an additional 600 feet to the east on SE 122nd Drive, the system will turn south at SE 127th Avenue where an additional 1120 feet of gravity sewer will be installed. At the easterly end of the system, a small pumping station will serve 4 homes that are not able to be served by gravity in the primary system.

In total, the complete system will be made up of 4230 feet of gravity sewerlines, 460 feet of pressure sewerline and one pumping station.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 69 priority project. Based on septic system records, most of the residences in this project area appear to have been constructed in the 1960's and 1970's. No records of septic system replacement or repair were found in the city/county building records.

Project Cost:

Construction of this project will cost about \$ 451,800. This includes provision of service.

lines to the edge of the property of each home In all, 30 homes will receive sewage service connections to the public system

On average this project will cost \$ 15,059 per residence This compares to a city-wide average of \$ 9769 per residence for all similar projects

AREA 39

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	3990 LF	\$ 25 00 LF	\$ 99,750 00
2' FORCE MAIN	3990 LF	\$ 6 00 LF	\$ 23,940 00
6" ASTM C-14, CL 3 CSP	600 LF	\$ 22 00 LF	\$ 13,200 00
6"X8" TEE, ASTM C-14, CL 3	30 EA	\$ 100 00 EA	\$ 3,000 00
PUMP STATION	1 EA	\$ 14,000 00 EA	\$ 14,000 00
48" STD PRECAST MH	15 EA	\$ 1,800 00 EA	\$ 27,000 00
48" STD PRECAST MH, OVER 8'	4 LF	\$ 200 00 LF	\$ 800 00
8" CONNECTION TO EXISTING MH	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	3936 CY	\$ 15 00 CY	\$ 59,033 33
CSP PIPE BEDDING CLASS "C"	1181 CY	\$ 25 00 CY	\$ 29,516 67
IMP GRANULAR BACKFILL	2755 CY	\$ 10 00 CY	\$ 27,548 89
AC PAVEMENT REPLACEMENT 2" THICK	1064 SY	\$ 20 00 SY	\$ 21,283 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	81 LF	\$ 20 00 LF	\$ 1,620 00
SIDEWALK REPLACEMENT	18 SF	\$ 50 00 SF	\$ 900 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 322,692.22
TOTAL PROJECT COST			\$ 451,769.11
EXISTING HOMES SERVED	30 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	30 EA		
TOTAL COST PER SERVICE			\$ 15,058.97

COST ESTIMATES

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

39

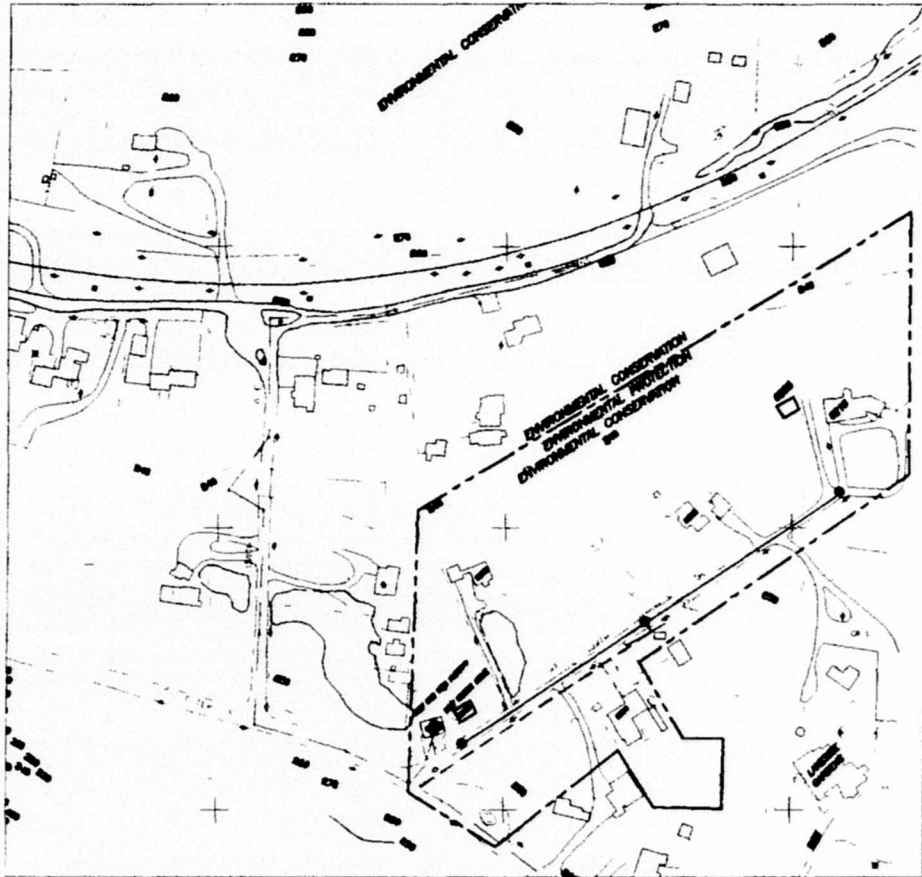
CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	6
2 How many septic systems have been replaced? None 25 Percent 50 Percent >50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes No X	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	0
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	3
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	2

* Annual CIP review should include survey of other bureaus for area projects

AREA 40

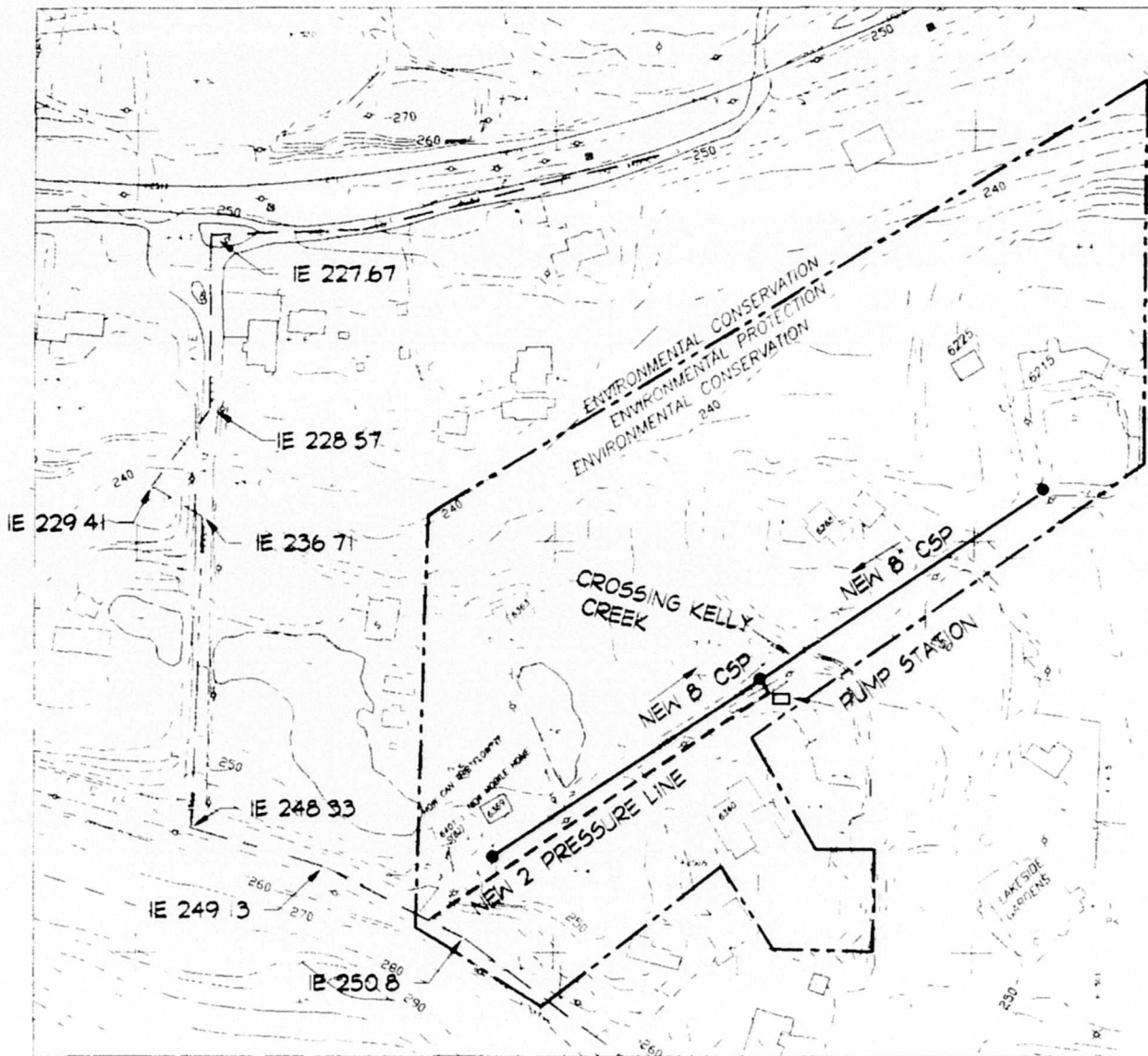
35471

**THIS AREA WAS INCLUDED
IN AREA 137**












NEIGHBORHOOD
QUARTER SECTION
LOCATION:
CONTRIBUTES TO CSO?

PLEASANT VALLEY
3646
SE 159th DR
EAST OF FOSTER RD
NO



LEGEND

- NEW SANITARY LINE 
- EXISTING SANITARY LINE 
- EXISTING STORM LINE 
- EXISTING WATER LINE 
- BOUNDARY LINE 
- FENCE LINE 
- LOT LINES 
- EXISTING MANHOLE 
- NEW MANHOLE 

B - BASEMENT
S - SEWER CONNECTED



SCALE 1" = 200'

AREA 41

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 41

NEIGHBORHOOD Pleasant Valley

LOCATION SE 159th Drive north
of SE Foster

QUARTER SECTION 3646

Project Description:

This project will provide sanitary sewer service to 7 homes located on either side of Kelly Creek near its confluence with Johnson Creek. This is a low area with obvious high ground water conditions and occasional flooding. Because of the low topography in the area, all homes will be served by a gravity sewer and a small pump station/force main system. The gravity sewer will extend about 800 feet along SE 158 Drive with a pump station located along Kelly Creek midway on the line. The pump station will discharge sewage through a 500 foot force main to a gravity sewer located on SE Foster Road.

Due to the nature of the area, permits for construction in environmental zones will be required. In addition, the crossing of Kelly Creek will require special attention during design and construction.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 57th priority project. No records of septic systems for the homes in the project area were found. The proximity to both Kelly Creek and Johnson Creek make this project important in terms of removing septic systems and the potential for untreated sewage reaching surface waters.

Project Cost:

Construction of this project will cost about \$ 123,900. This includes provision of service lines to the edge of the property of each home. In all, 7 homes will receive sewage service connections to the public system.

On average this project will cost \$ 17,699 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
41	R81660 3170	Michael & Donna R	Shannon	6340	SE 159th Dr	Portland	97236
41	R81660 2870	Michael	Dickson	6363	SE 159th Dr	Portland	97236
41	R81660 2920	Joseph W & Barbara A	Toedtermeier	6401	SE 159th Dr	Portland	97236
41				6215	SE 159th Dr	Portland	97236
41				6225	SE 159th Dr	Portland	97236
41				6265	SE 159th Dr	Portland	97236

AREA 41

35471

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	800 LF	\$ 25 00 LF	\$ 20,000 00
2' FORCE MAIN	500 LF	\$ 6 00 LF	\$ 3,000 00
6" ASTM C-14, CL 3 CSP	105 LF	\$ 22 00 LF	\$ 2,310 00
6"X8" TEE, ASTM C-14, CL 3	7 EA	\$ 100 00 EA	\$ 700 00
PUMP STATION	1 EA	\$ 14,000 00 EA	\$ 14,000 00
48" STD PRECAST MH	3 EA	\$ 1,800 00 EA	\$ 5,400 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	0 EA	\$ 600 00 EA	\$ -
8" CONNECTION TO EXISTING PIPE	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	779 CY	\$ 15 00 CY	\$ 11,687 50
CSP PIPE BEDDING CLASS "C"	234 CY	\$ 25 00 CY	\$ 5,843 75
IMP GRANULAR BACKFILL	545 CY	\$ 10 00 CY	\$ 5,454 17
AC PAVEMENT REPLACEMENT 2" THICK	960 SY	\$ 20 00 SY	\$ 19,200 00
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	0 LF	\$ 20 00 LF	\$ -
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 88,495.42
TOTAL PROJECT COST			\$ 123,893.58
EXISTING HOMES SERVED	7 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	7 EA		
TOTAL COST PER SERVICE			\$ 17,699.08

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

41

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	5
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	5
II Implementation		
1 Is the project in a CSO impact area?	Yes _____ No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	0
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	2

* Annual CIP review should include survey of other bureaus for area projects

AREA 42

35471

THIS NUMBER NOT USED

35471



NEIGHBORHOOD
QUARTER SECTION
LOCATION.
CONTRIBUTES TO CSO?

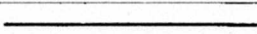

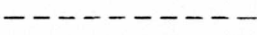

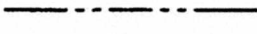



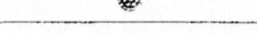
ST. JOHNS
2022-2023
N ALLEGHENY AVE
N. OLYMPIA TO N FESSENDEN ST

NO

AREA NO. 43



LEGEND

- NEW SANITARY LINE 
- EXISTING SANITARY LINE 
- EXISTING STORM LINE 
- EXISTING WATER LINE 
- BOUNDARY LINE 
- FENCE LINE 
- LOT LINES 
- EXISTING MANHOLE 
- NEW MANHOLE 

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=100'

AREA 43

**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 43

NEIGHBORHOOD St Johns

LOCATION. N Allegheny north
of N Fessenden Street

QUARTER SECTION 2022 & 2023

Project Description:

This project will provide sanitary sewer service to 3 homes in the St Johns neighborhood. The line will begin with a connection to the existing sewer system at the intersection of N Allegheny Avenue and N Olympia Street and will extend 300 feet south on N Allegheny Street. Along the route, service connections will be extended to 3 homes. Two homes along the route have the potential of hooking up to the new line and abandoning a common branch line serving both homes to the north. Completion of this project will allow removal of 2 septic systems.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 56th priority project. Records indicate that septic systems were installed in 1959 and 1979 at two of the three homes. It appears that these homes are older than records would indicate, leading to the assumption that these records indicate replacement or repair projects on the septic systems.

Project Cost:

Construction of this project will cost about \$ 36,800. This includes provision of service lines to the edge of the property of each home. In all, 3 homes will receive sewage service connections to the public system.

On average this project will cost \$ 12,266 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
43	R05630 0180	Housing Authority Of Portland		9523	N Allegheny Ave	Portland	97203
43	R05630 0170	Socimo & Amalia	Quintana	9537	N Allegheny Ave	Portland	97203
43	R94106 1050	Paul D & Donna M	Dugas	9558	N Allegheny Ave	Portland	97203

AREA 43

35471 4

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	310 LF	\$ 25 00 LF	\$ 7,750 00
6" ASTM C-14, CL 3 CSP	60 LF	\$ 22 00 LF	\$ 1,320 00
6"X8" TEE, ASTM C-14, CL 3	3 EA	\$ 100 00 EA	\$ 300 00
48" STD PRECAST MH	2 EA	\$ 1,800 00 EA	\$ 3,600 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	314 CY	\$ 15 00 CY	\$ 4,716 67
CSP PIPE BEDDING CLASS "C"	94 CY	\$ 25 00 CY	\$ 2,358 33
IMP GRANULAR BACKFILL	220 CY	\$ 10 00 CY	\$ 2,201 11
AC PAVEMENT REPLACEMENT 2" THICK	118 SY	\$ 20 00 SY	\$ 2,358 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	9 LF	\$ 20 00 LF	\$ 180 00
SIDEWALK REPLACEMENT	18 SF	\$ 50 00 SF	\$ 900 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
TOTAL CONSTRUCTION COST			\$ 26,284.44
TOTAL PROJECT COST			\$ 36,798.22
EXISTING HOMES SERVED	3 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	3 EA		
TOTAL COST PER SERVICE			\$ 12,266.07

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

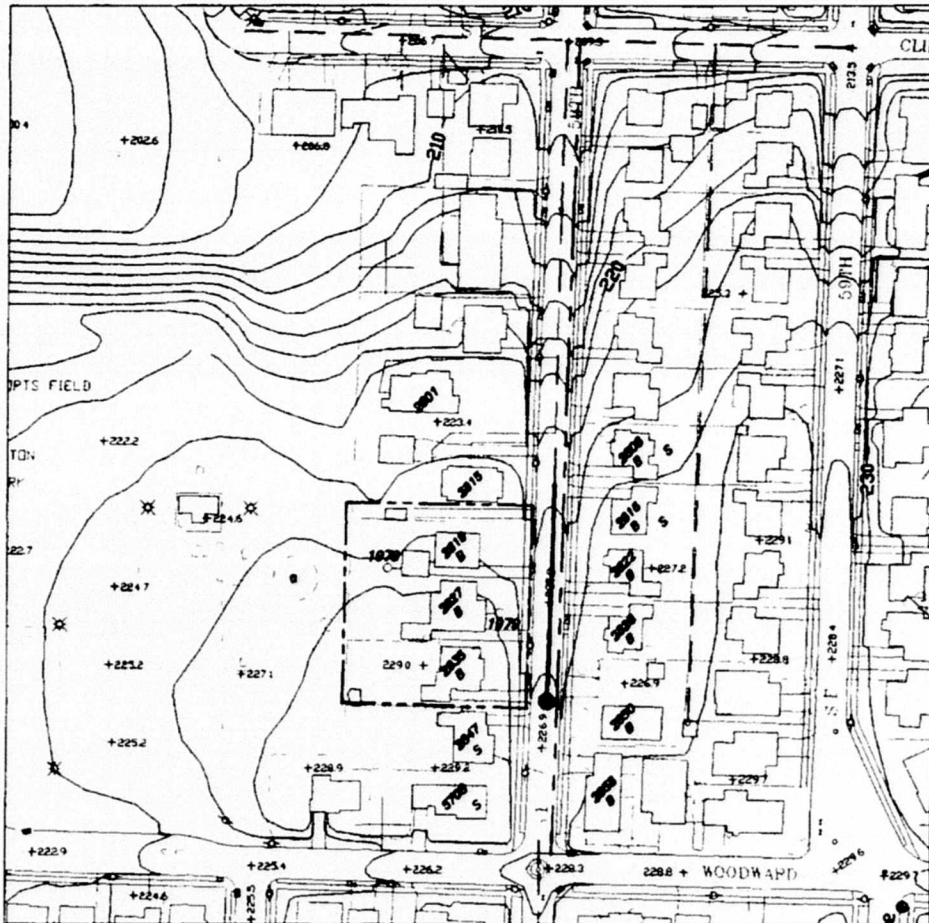
Project Area Number

43

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes <input checked="" type="checkbox"/> No	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	9
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	2

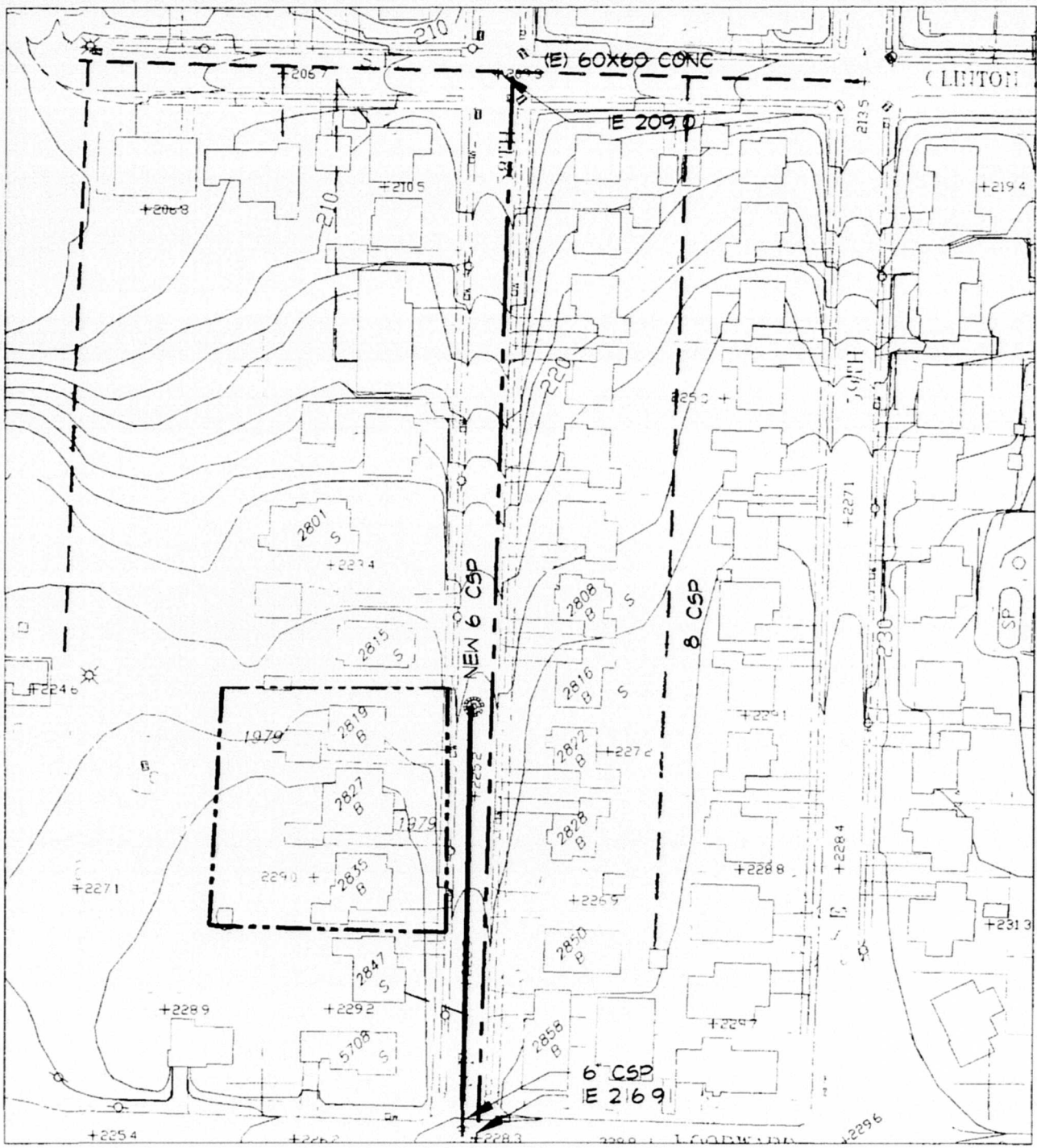
* Annual CIP review should include survey of other bureaus for area projects

35471



NEIGHBORHOOD
QUARTER SECTION
LOCATION:
CONTRIBUTES TO CSO?

SOUTH TABOR
3336
S.E 58th AVE
S.E. CLINTON TO WOODWARD ST.
NO



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1"=100'
AREA 44



**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 44

NEIGHBORHOOD South Tabor

LOCATION SE 58th Avenue
Between SE Clinton and SE Woodward

QUARTER SECTION 3336

Project Description:

This project will provide sanitary sewer service to 3 homes in the South Tabor neighborhood. The line will begin with a connection to the existing sewer system on SE 58th Avenue and will extend 190 feet south on SE 58th Avenue to its terminus. Along the route, service connections will be extended to 3 homes. Completion of this project will allow removal of 3 existing septic systems.

The following figures and tables present detailed information about the ownership of properties in this study area and specific information about the costs estimated for this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the number 61 priority project. Two of the three homes in the project area show septic system work in 1979. It is assumed that these were repair or replacement projects of original systems.

Project Cost:

Construction of this project will cost about \$ 27,500. This includes provision of service lines to the edge of the property of each home. In all, 3 homes will receive sewage service connections to the public system.

On average this project will cost \$ 9179 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
44	R99207 1410	Patricia A	Wolfe	2819	SE 58th Ave	Portland	97206
44	R99207 0240	Gene M	Cheney	2827	SE 58th Ave	Portland	97206
44	R99207 2210	J Calvin & Lucille	Burnham	2835	SE 58th Ave	Portland	97206

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
6" ASTM C-14, CL 3 CSP	250 LF	\$ 22 00 LF	\$ 5,500 00
6" ASTM C-14, CL 3 CSP	75 LF	\$ 22 00 LF	\$ 1,650 00
6"X8" TEE, ASTM C-14, CL 3	3 EA	\$ 100 00 EA	\$ 300 00
48" STD PRECAST MH	1 EA	\$ 1,800 00 EA	\$ 1,800 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	0 EA	\$ 600 00 EA	\$ -
6" CONNECTION TO EXISTING PIPE	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	271 CY	\$ 15 00 CY	\$ 4,062 50
CSP PIPE BEDDING CLASS "C"	81 CY	\$ 25 00 CY	\$ 2,031 25
IMP GRANULAR BACKFILL	190 CY	\$ 10 00 CY	\$ 1,895 83
AC PAVEMENT REPLACEMENT 2" THICK	0 SY	\$ 20 00 SY	\$ -
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	9 LF	\$ 20 00 LF	\$ 180 00
SIDEWALK REPLACEMENT	27 SF	\$ 50 00 SF	\$ 1,350 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 19,669.58
TOTAL PROJECT COST			\$ 27,537.42
EXISTING HOMES SERVED	3 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	3 EA		
TOTAL COST PER SERVICE			\$ 9,179.14

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

44

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	0
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	0
II Implementation		
1 Is the project in a CSO impact area?	Yes \ No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	1
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	8
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	5

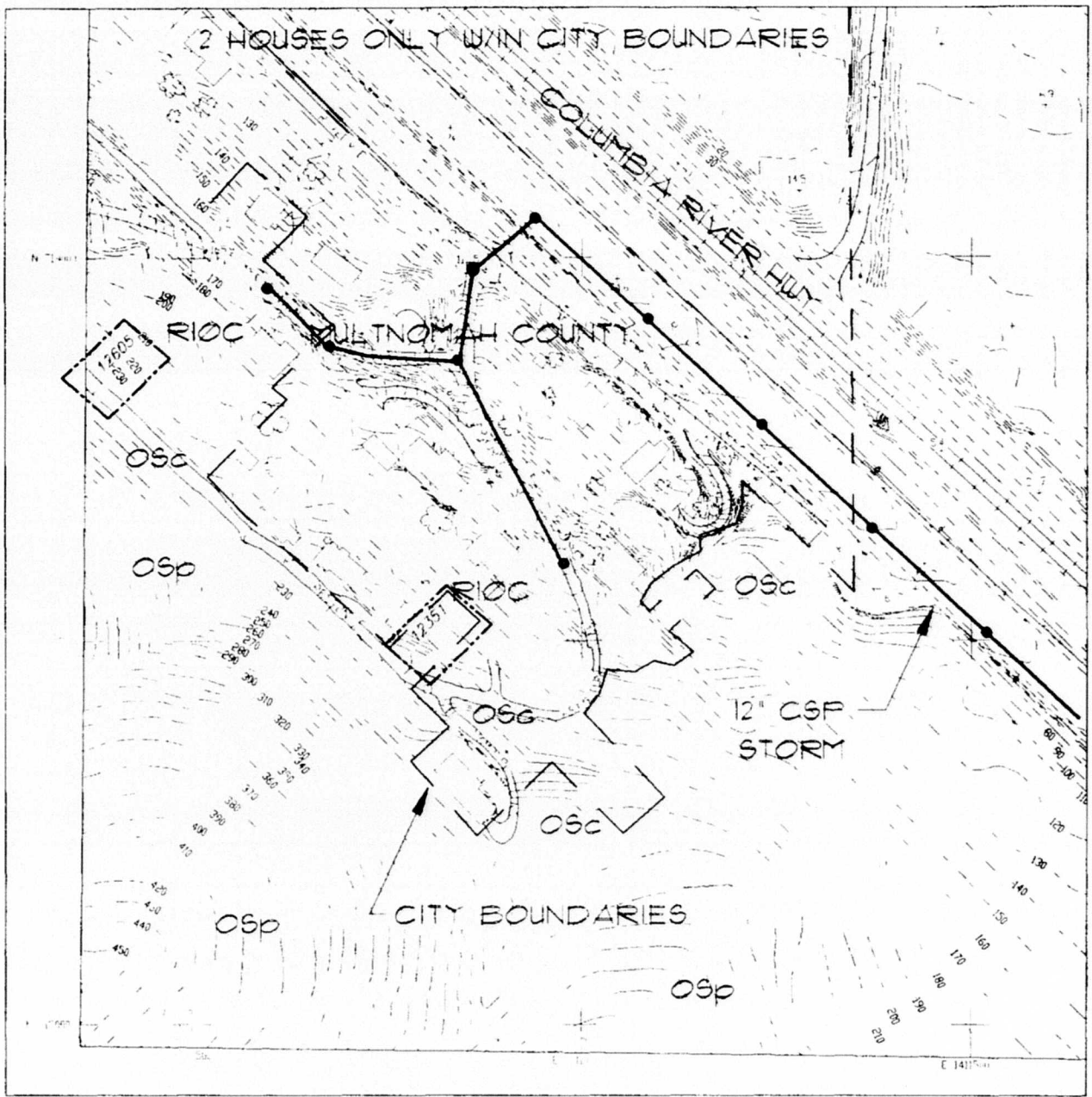
* Annual CIP review should include survey of other bureaus for area projects

35471



NEIGHBORHOOD:	LINNTON
QUARTER SECTION	1716-1717
LOCATION:	NW MOUNTAIN VIEW RD DRURY LN TO WEST OF HARBORTON DR
CONTRIBUTES TO CSO?	NO

AREA NO. 101



LEGEND

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT
S - SEWER CONNECTED



SCALE 1" = 200'

AREA 101



**BUREAU OF ENVIRONMENTAL SERVICES
SEWER EXTENSION MASTER PLAN
PROJECT NO. 5308**

AREA NO 101

NEIGHBORHOOD Linnton

LOCATION N Columbia River
Highway

QUARTER SECTION 1716 & 1717

Project Description:

This project will serve an area southwest of US Highway 30, near the northwest city limit boundary. Several homes and undeveloped commercial areas will benefit from this project. A sanitary sewer system serving this area will connect to the public sewer south of the project area approximately 950 feet south along Highway 3 and an additional 800 feet of sanitary sewerline extending southwest to the homes requiring sewer service.

Along the route, service connections will be extended to 2 homes and become available to a number of vacant lots. Local sewers will extend up the hillside on NW Mountainview Road, NW Harborton Drive and NW Creston Road.

The following figures and tables present detailed information about this project.

Priority Ranking:

Review of the existing septic system conditions and the age of the existing systems place this project as the 54th priority project. No record of septic systems located on the properties in the project area were found in the public record.

Project Cost:

Construction of this project will cost about \$ 81,200. This includes provision of service lines to the edge of the property of each home.

On average this project will cost \$ 40,614 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.

**CRANE MERSETH
ENGINEERING/SURVEYING
UN SEWERED AREAS**

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
101	R35960 0920	William H & Patricia A	Lordos	12605	NW Creston Rd	Portland	97231
101				12351	NW Creston Rd	Portland	97231

AREA 101

35471

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	780 LF	\$ 25 00 LF	\$ 19,500 00
6" ASTM C-14, CL 3 CSP	30 LF	\$ 22 00 LF	\$ 660 00
6"X8" TEE, ASTM C-14, CL 3	2 EA	\$ 100 00 EA	\$ 200 00
48" STD PRECAST MH	6 EA	\$ 1,800 00 EA	\$ 10,800 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	0 EA	\$ 600 00 EA	\$ -
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	713 CY	\$ 15 00 CY	\$ 10,691 67
CSP PIPE BEDDING CLASS "C"	214 CY	\$ 25 00 CY	\$ 5,345 83
IMP GRANULAR BACKFILL	499 CY	\$ 10 00 CY	\$ 4,989 44
AC PAVEMENT REPLACEMENT 2" THICK	267 SY	\$ 20 00 SY	\$ 5,333 33
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	0 LF	\$ 20 00 LF	\$ -
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
TOTAL CONSTRUCTION COST			\$ 58,020.28
TOTAL PROJECT COST			\$ 81,228.39
EXISTING HOMES SERVED	2 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	2 EA		
TOTAL COST PER SERVICE			\$ 40,614 19

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

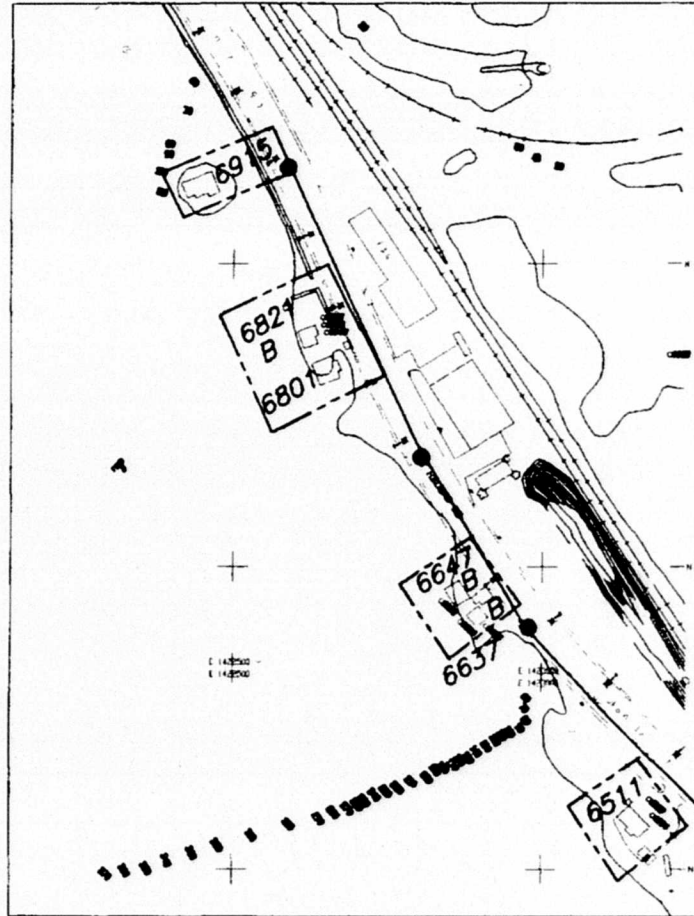
Project Area Number

101

CRITERIA	GUIDELINES	SCORE
I Public Health		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<u>5</u>
2 How many septic systems have been replaced? None 25 Percent 50 Percent > 50 percent No records exist	0 points 4 points 7 points 9 points 5 points	<u>0</u>
II Implementation		
1 Is the project in a CSO impact area?	Yes No <input checked="" type="checkbox"/>	
2 If yes, will the CSO project occur Before year 2000? Year 2000 - 2010? After 2010? Not in a CSO project area	9 points 5 points 2 points 1 point	<u>1</u>
3 Are there any other city projects planned in the same area * within 3 years? 5 years? 10 years? None planned	8 points 6 points 3 points 0 points	<u>0</u>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<u>8</u>
III Project Costs		
1 Is the average cost per residence < 80 % of city average? > 80 % < 120 % of city average > 120 % of city average	8 points 5 points 2 points	<u>2</u>
		<u>16</u>

* Annual CIP review should include survey of other bureaus for area projects

35471



NEIGHBORHOOD
QUARTER SECTION
LOCATION.
CONTRIBUTES TO CSO?

LINNTON
2321, 2421, 2422
NW ST HELENS RD
NEAR WILLBRIDGE AVE
NO

AREA NO.102