

35471

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

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AREA NO 121

NEIGHBORHOOD Cathedral Park

LOCATION N Edison Street  
north of N Reno Avenue

QUARTER SECTION 2020

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**Project Description:**

This project will provide sanitary sewer service to 6 homes and several vacant lots along N Edison Street. The home at 10048 N Edison may be too low to receive service at the basement level unless an easement is acquired and the sewer located west of the N Edison Street right-of-way. The 540 foot sewerline on N Edison Street will connect to the existing sewer on N. Reno Avenue. Along the route, service connections will be extended to 6 homes and become available to several vacant lots on N Edison.

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 4 priority. Four of the six homes in the project area show records of septic system replacement or repair. The earliest installation of record occurred in 1916 and the most recent repair occurred in 1986. Two of the homes show records of septic systems 35 and 42 years old with no repairs or replacement. 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 1986.

**Project Cost:**

Construction of this project will be about \$ 59,200. This includes provision of service lines to the edge of the property of each home. In all, 6 homes will receive sewage service connections to the public system.

On average this project will cost \$ 9859 per residence. This compares to a city-wide average of \$ 9769 per residence for all similar projects.





AREA 121

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ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	540 LF	\$ 25 00 LF	\$ 13,500 00
6" ASTM C-14, CL 3 CSP	120 LF	\$ 22 00 LF	\$ 2,640 00
6"X8" TEE, ASTM C-14, CL 3	6 EA	\$ 100 00 EA	\$ 600 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	558 CY	\$ 15 00 CY	\$ 8,366 67
CSP PIPE BEDDING CLASS "C"	167 CY	\$ 25 00 CY	\$ 4,183 33
IMP GRANULAR BACKFILL	390 CY	\$ 10 00 CY	\$ 3,904 44
AC PAVEMENT REPLACEMENT 2" THICK	213 SY	\$ 20 00 SY	\$ 4,260 00
ROCK SURFACING	30 CY	\$ 20 00 CY	\$ 600 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	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 42,254 44</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 59,156 22</b>
EXISTING HOMES SERVED	6 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	6 EA		
TOTAL COST PER SERVICE			\$ 9,859 37

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

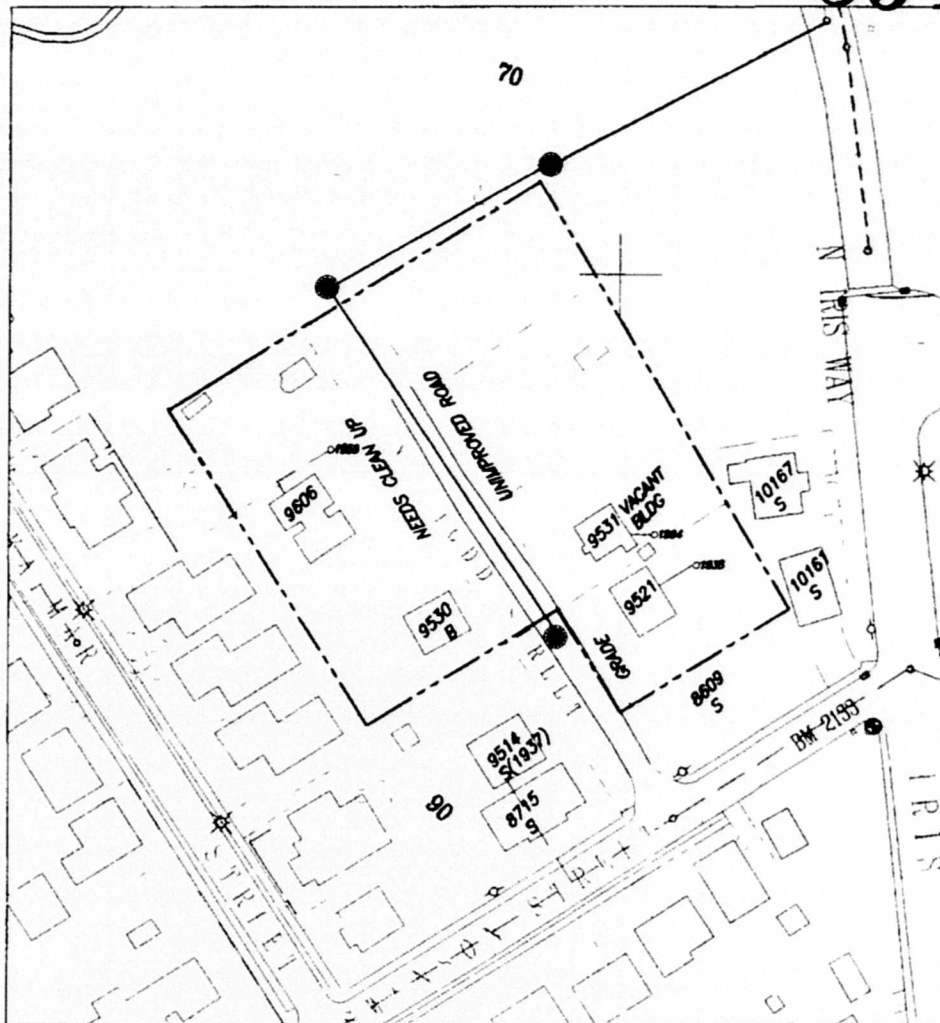
Project Area Number

121

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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	7
<b>II Implementation</b>		
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	0
<b>III Project Costs</b>		
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

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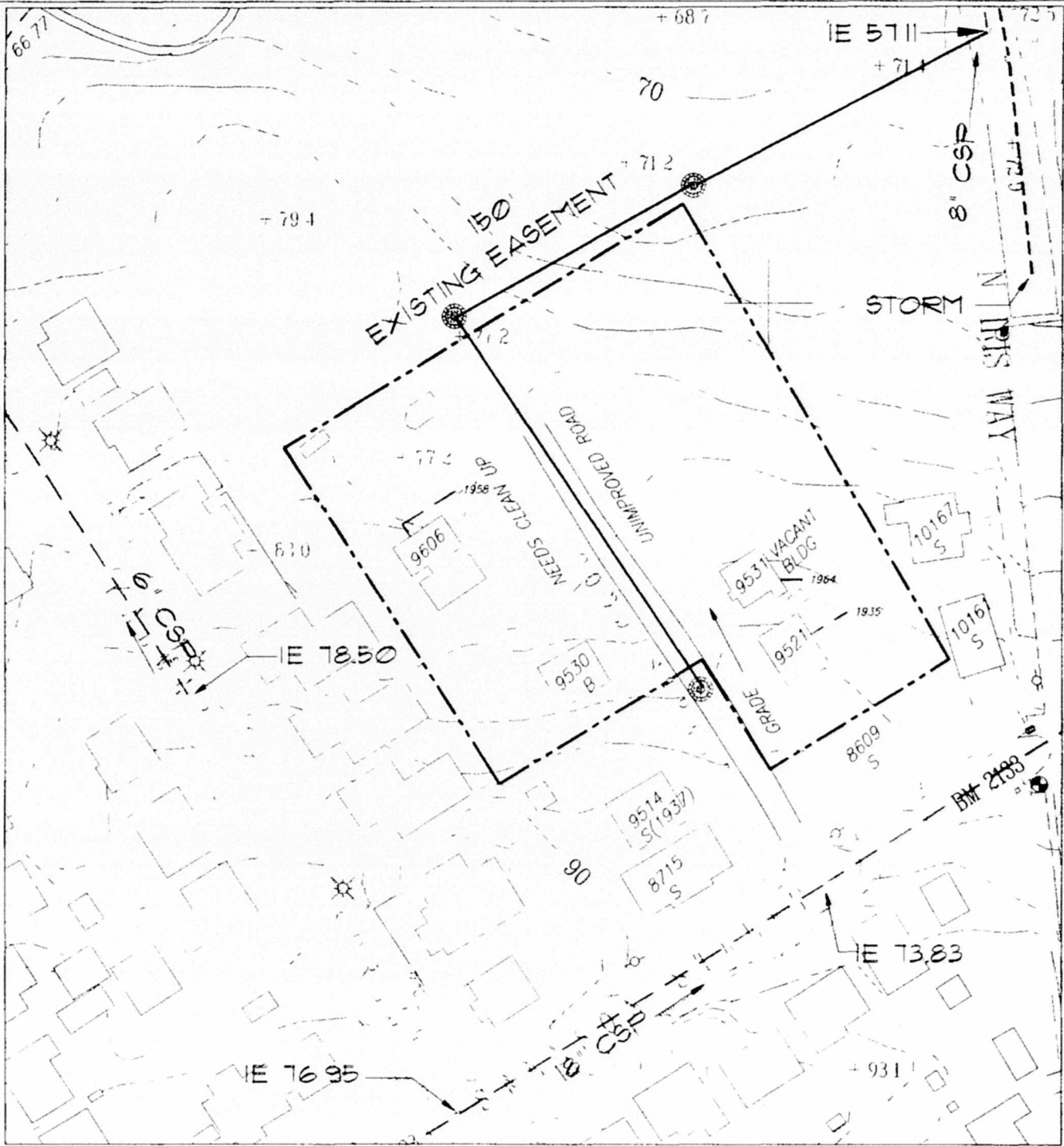


NEIGHBORHOOD  
QUARTER SECTION  
LOCATION  
CONTRIBUTES TO CSO?










ST JOHNS  
1922  
N TODD AVE  
N SWENSON ST  
NO

AREA NO. 122





**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 122

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

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AREA NO 122

NEIGHBORHOOD St Johns

LOCATION N Todd Street north  
of N Swenson Street

QUARTER SECTION 1922

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**Project Description:**

This project will provide sanitary sewer service to 4 homes and 3 vacant lots. The line will begin with a connection to the existing sewer system on N Iris Way. A 340 foot easement across private property to N Todd Street will allow extending the sanitary sewer southeast a distance of 220 feet along N Todd. N Todd Street is generally unimproved in the area of the new sewerline.

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 42 priority. Three of the four homes in the project area have septic system records, each indicating a single septic system project. No records of replacements or other repair are on the record. The most recent septic system work appears in 1964.

**Project Cost:**

Construction of this project will cost about \$ 59,300. This includes provision of service lines to the edge of each property. In all, 4 homes and 3 vacant lots will receive sewage service connections to the public system.

On the average this project will cost \$ 8468 per property. 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
122	R05050 0190	Marie A	Rasmussen	9521	N Todd St	Portland	97203
122	R05050 0250	Marie A	Newgent	9531	N Todd St	Portland	97203
122	R05050 0310	Marie A	Newgent	9603	N Todd St	Portland	97203
122	R05050 0370	T C BLDG & INVEST CO		9615	N Todd St	Portland	97203
122	R05050 0510	Cynthia Personal Representativ	Grant	9606	N Todd St	Portland	97203
122	R05050 0570	James C	McKinnley	9530	N Todd St	Portland	97203



ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	560 LF	\$ 25 00 LF	\$ 14,000 00
6" ASTM C-14, CL 3 CSP	140 LF	\$ 22 00 LF	\$ 3,080 00
6"X8" TEE, ASTM C-14, CL 3	7 EA	\$ 100 00 EA	\$ 700 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	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	589 CY	\$ 15 00 CY	\$ 8,827 78
CSP PIPE BEDDING CLASS "C"	177 CY	\$ 25 00 CY	\$ 4,413 89
IMP GRANULAR BACKFILL	412 CY	\$ 10 00 CY	\$ 4,119 63
AC PAVEMENT REPLACEMENT 2" THICK	0 SY	\$ 20 00 SY	\$ -
ROCK SURFACING	39 CY	\$ 20 00 CY	\$ 780 00
CONCRETE CURB REPLACEMENT	21 LF	\$ 20 00 LF	\$ 420 00
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 42,341.30</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 59,277 81</b>
EXISTING HOMES SERVED	4 EA		
VACANT LOTS SERVED	3 EA		
TOTAL SERVICES	7 EA		
TOTAL COST PER SERVICE			\$ 8,468.26

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

122

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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
<b>II Implementation</b>		
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
<b>III Project Costs</b>		
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

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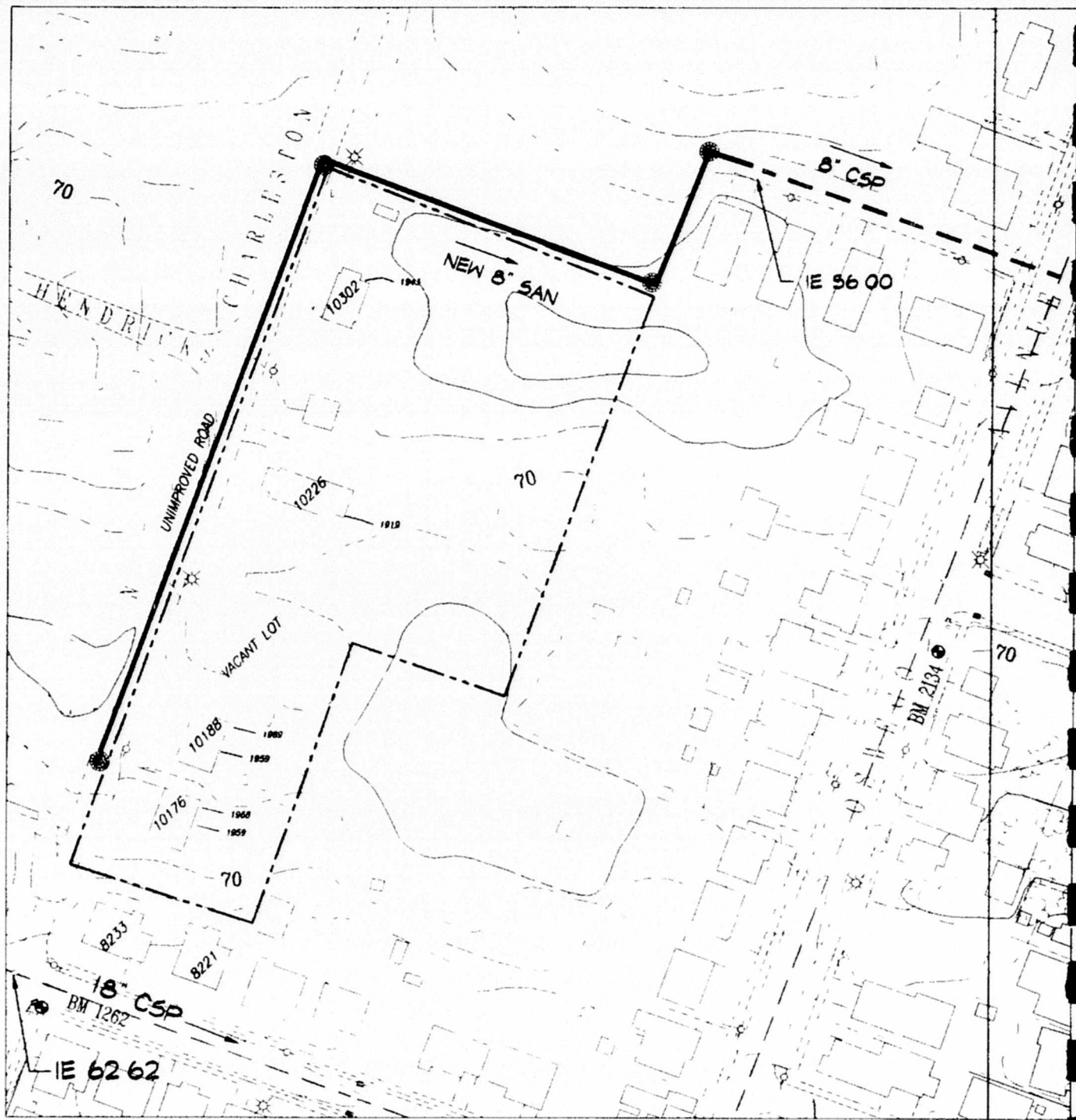


NEIGHBORHOOD  
QUARTER SECTION  
LOCATION:  
CONTRIBUTES TO CSO?

ST JOHNS  
1922  
N CHARLESTON AVE  
N SWENSON TO BANKS ST  
NO

AREA NO. 123





**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 123

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

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AREA NO	123	NEIGHBORHOOD	St Johns
LOCATION	N Charleston Avenue north of N Swenson St	QUARTER SECTION	1922

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**Project Description:**

This project will provide sanitary sewer service to 4 homes and 3 vacant lots in the St Johns neighborhood. The line will connect to the existing sewer system at the intersection of N Oswego Avenue and N Richards Street. It will extend 625 feet along N Richards Street, abutting the southeast corner of Johnswood Park to N Charleston Avenue. From there the sewer will extend 450 feet south on N Charleston Avenue to serve the home at 10176 N Charleston Avenue.

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 21st priority project. No record of on-site septic system construction was found for any of the homes in this project area.

**Project Cost:**

Construction of this project will be about \$ 84,600. This includes provision of service lines to the edge of the property of each home. In all, 4 homes and 2 vacant lots will receive sewage service connections to the public system.

On average this project will cost \$ 14,105 per property. 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
123	R62130 2090	James N	Van Domelen	10188	N Charleston Ave	Portland	97203
123	R62130 2100	Linda I & Kenneth G	Hval	10176	N Charleston Ave	Portland	97203
123	R62130 2390	Anthony L	Weymouth	10226	N Charleston Ave	Portland	97203
123	R62130 2490	Leonard V & Charlotte K	Garoutte	10302	N Charleston Ave	Portland	97203



ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	850 LF	\$ 25 00 LF	\$ 21,250 00
6" ASTM C-14, CL 3 CSP	120 LF	\$ 22 00 LF	\$ 2,640 00
6"X8" TEE, ASTM C-14, CL 3	6 EA	\$ 100 00 EA	\$ 600 00
48" STD PRECAST MH	4 EA	\$ 1,800 00 EA	\$ 7,200 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	833 CY	\$ 15 00 CY	\$ 12,500 00
CSP PIPE BEDDING CLASS "C"	250 CY	\$ 25 00 CY	\$ 6,250 00
IMP GRANULAR BACKFILL	583 CY	\$ 10 00 CY	\$ 5,833 33
AC PAVEMENT REPLACEMENT 2" THICK	150 SY	\$ 20 00 SY	\$ 3,000 00
ROCK SURFACING	29 CY	\$ 20 00 CY	\$ 580 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	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 60,453 33</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 84,634 67</b>
EXISTING HOMES SERVED	4 EA		
VACANT LOTS SERVED	2 EA		
TOTAL SERVICES	6 EA		
TOTAL COST PER SERVICE			\$ 14,105 78

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

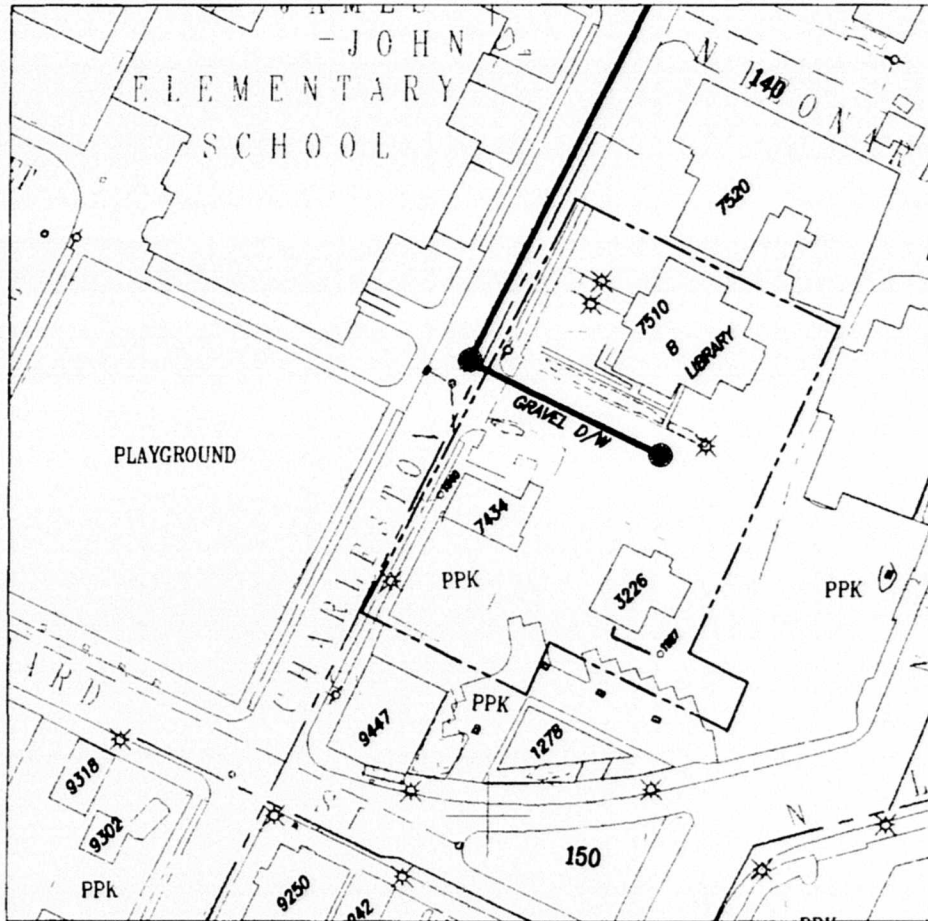
Project Area Number

123

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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
<b>II Implementation</b>		
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
<b>III Project Costs</b>		
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

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NEIGHBORHOOD  
QUARTER SECTION  
LOCATION  
CONTRIBUTES TO CSO?

ST JOHNS  
2122  
N LEONARD ST  
N POLK TO TYLER AVE  
NO

AREA NO 124



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 124



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

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AREA NO 124

NEIGHBORHOOD St Johns

LOCATION N Charleston north  
of N Lombard Street

QUARTER SECTION 2122

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**Project Description:**

This project will provide sanitary sewer service to two homes and a public library in the St Johns neighborhood. The line will begin with a connection to the existing sewer system at N Leonard Street and will extend south on N Charleston Street a distance of 240 feet to the gravel drive south of the public library. At that point it will turn east, along the south side of the library for a distance of 125 feet to provide service to the home at 3226 N Charleston Street. Completion of this project will allow removal of 3 existing septic systems, two residential and one at the library.

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 5 priority project. No records were found regarding the age or condition of the septic systems serving these homes and the library.

**Project Cost:**

Construction of this project will be about \$ 39,800. This includes provision of service lines to the edge of each property.

On average this project will cost \$ 13,257 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
124	R42900 0210	MULTNOMAH COUNTY (LIBRARY-ST J		7510	N Charleston Ave	Portland	97203
124	R42900 0310	MESSIAH LUTHERAN CHURCH		7434	N Charleston Ave	Portland	97203
124	R42900 0370	MESSIAH LUTHERAN CHURCH		8226	N Kellogg St	Portland	97203

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	370 LF	\$ 25 00 LF	\$ 9,250 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	368 CY	\$ 15 00 CY	\$ 5,516 67
CSP PIPE BEDDING CLASS "C"	110 CY	\$ 25 00 CY	\$ 2,758 33
IMP GRANULAR BACKFILL	257 CY	\$ 10 00 CY	\$ 2,574 44
AC PAVEMENT REPLACEMENT 2" THICK	91 SY	\$ 20 00 SY	\$ 1,820 00
ROCK SURFACING	8 CY	\$ 20 00 CY	\$ 160 00
CONCRETE CURB REPLACEMENT	3 LF	\$ 20 00 LF	\$ 60 00
SIDEWALK REPLACEMENT	9 SF	\$ 50 00 SF	\$ 450 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 28,409.44</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 39,773.22</b>
EXISTING HOMES SERVED	3 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	3 EA		
<b>TOTAL COST PER SERVICE</b>			<b>\$ 13,257.74</b>

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

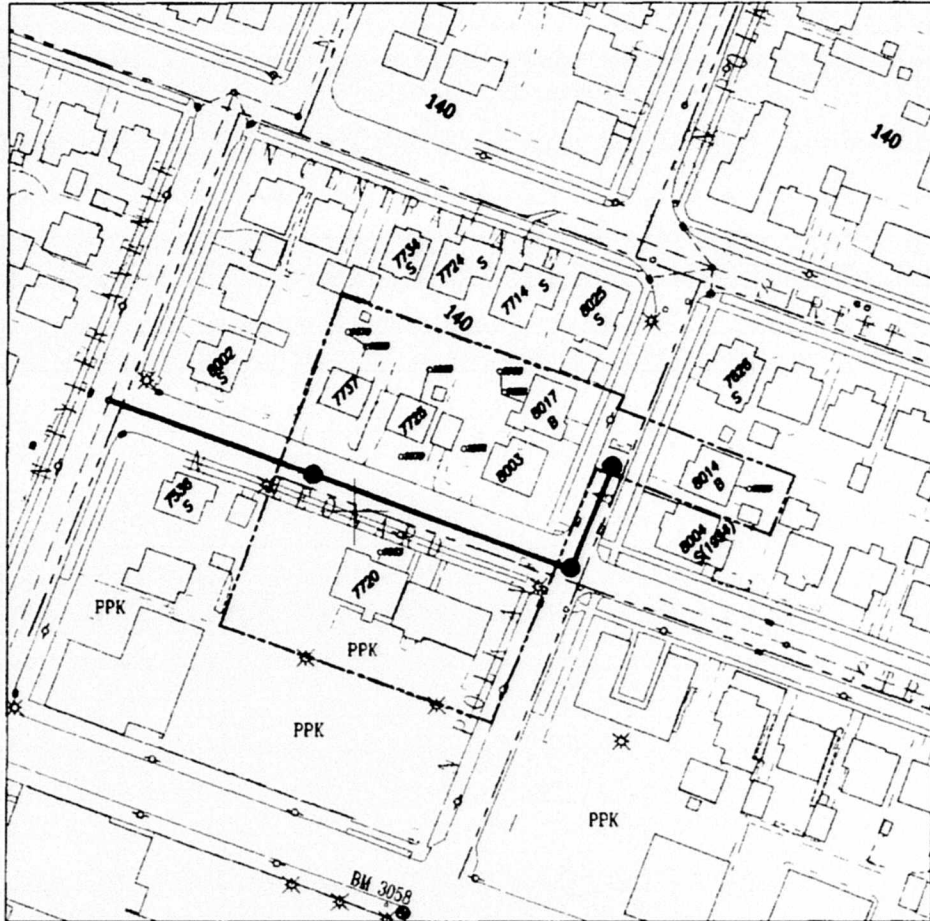
**124**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>10</b>
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	<b>7</b>
<b>II Implementation</b>		
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	<b>9</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>8</b>
<b>III Project Costs</b>		
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	<b>2</b>

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

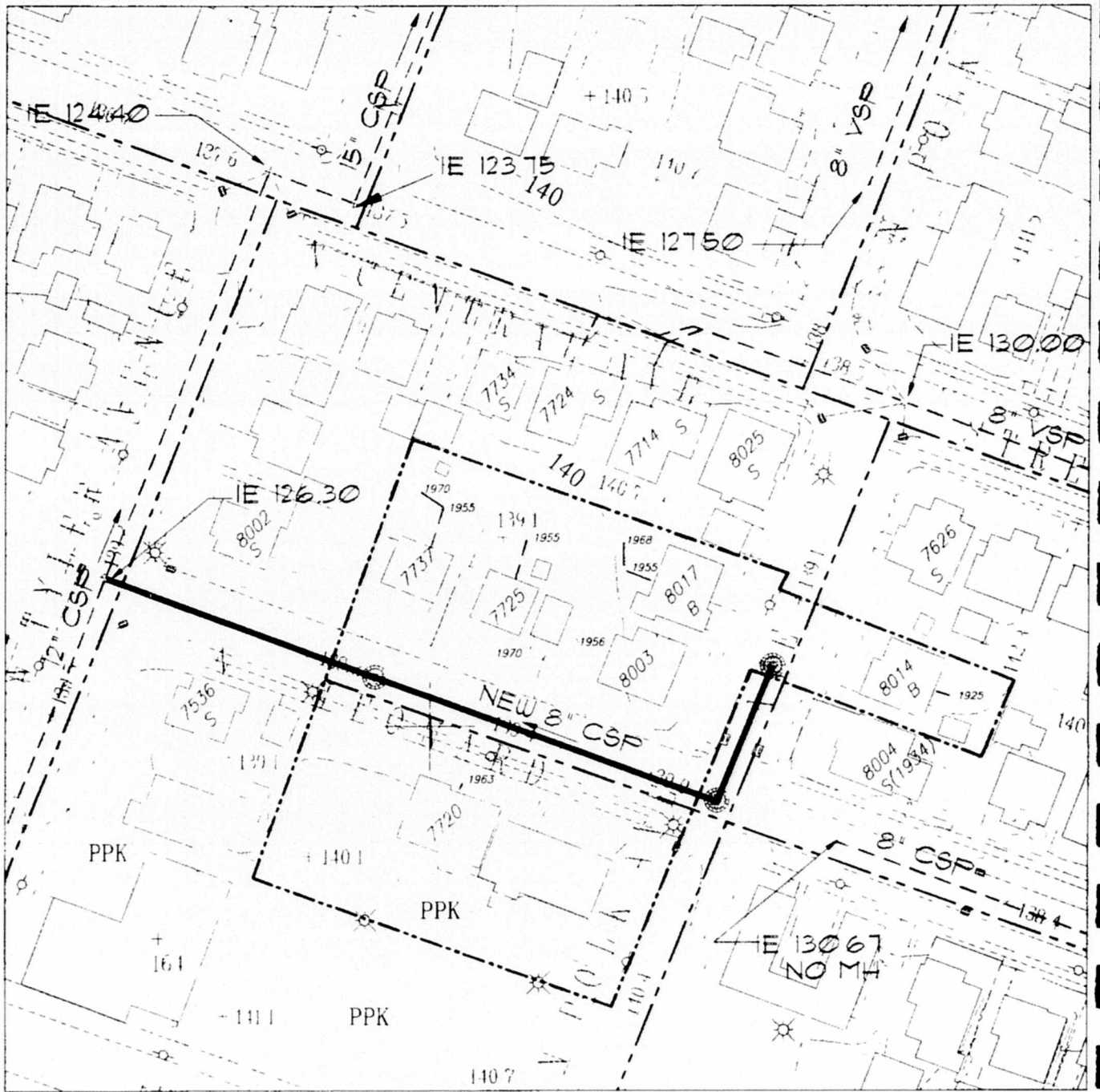


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NEIGHBORHOOD  
QUARTER SECTION  
LOCATION  
CONTRIBUTES TO CSO?

ST JOHNS  
2122  
N LEONARD AVE  
N POLK TO TYLER 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"=80'  
AREA 125

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

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AREA NO 125

NEIGHBORHOOD St Johns

LOCATION. N Leonard Street  
between N Tyler and  
N Polk Avenues

QUARTER SECTION 22122

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**Project Description:**

This project will provide sanitary sewer service to 6 homes located in the vicinity of N Leonard Street and N Polk Avenue. The line will begin with a connection to the existing sewer system at the intersection of N Tyler Avenue and N Leonard Street and extend east on N Leonard a distance of 360 feet on to N Polk Avenue. At N Polk, it will turn north for a distance of 85 feet to its terminus. Along the route, service connections will be extended to 6 homes and one vacant lot.

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 2 priority project. No records of septic system construction, repair or replacement were found.

**Project Cost:**

Construction of this project will be about \$ 62,800. This includes provision of service lines to the edge of each property. In all, 6 homes and 1 vacant lot will receive sewage service connections to the public system.

On average this project will cost \$ 8977 per residence. 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	440 LF	\$ 25 00 LF	\$ 11,000 00
6" ASTM C-14, CL 3 CSP	210 LF	\$ 22 00 LF	\$ 4,620 00
6"X8" TEE, ASTM C-14, CL 3	7 EA	\$ 100 00 EA	\$ 700 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	1 EA	\$ 600 00 EA	\$ 600 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	527 CY	\$ 15 00 CY	\$ 7,908 33
CSP PIPE BEDDING CLASS "C"	158 CY	\$ 25 00 CY	\$ 3,954 17
IMP GRANULAR BACKFILL	369 CY	\$ 10 00 CY	\$ 3,690 56
AC PAVEMENT REPLACEMENT 2" THICK	197 SY	\$ 20 00 SY	\$ 3,940 00
ROCK SURFACING	26 CY	\$ 20 00 CY	\$ 520 00
CONCRETE CURB REPLACEMENT	15 LF	\$ 20 00 LF	\$ 300 00
SIDEWALK REPLACEMENT	45 SF	\$ 50 00 SF	\$ 2,250 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 44,883 06</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 62,836.28</b>
EXISTING HOMES SERVED	6 EA		
VACANT LOTS SERVED	1 EA		
TOTAL SERVICES	7 EA		
TOTAL COST PER SERVICE			\$ 8,976.61

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

**125**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>10</b>
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	<b>7</b>
<b>II Implementation</b>		
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	<b>9</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>8</b>
<b>III Project Costs</b>		
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	<b>5</b>

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

35471

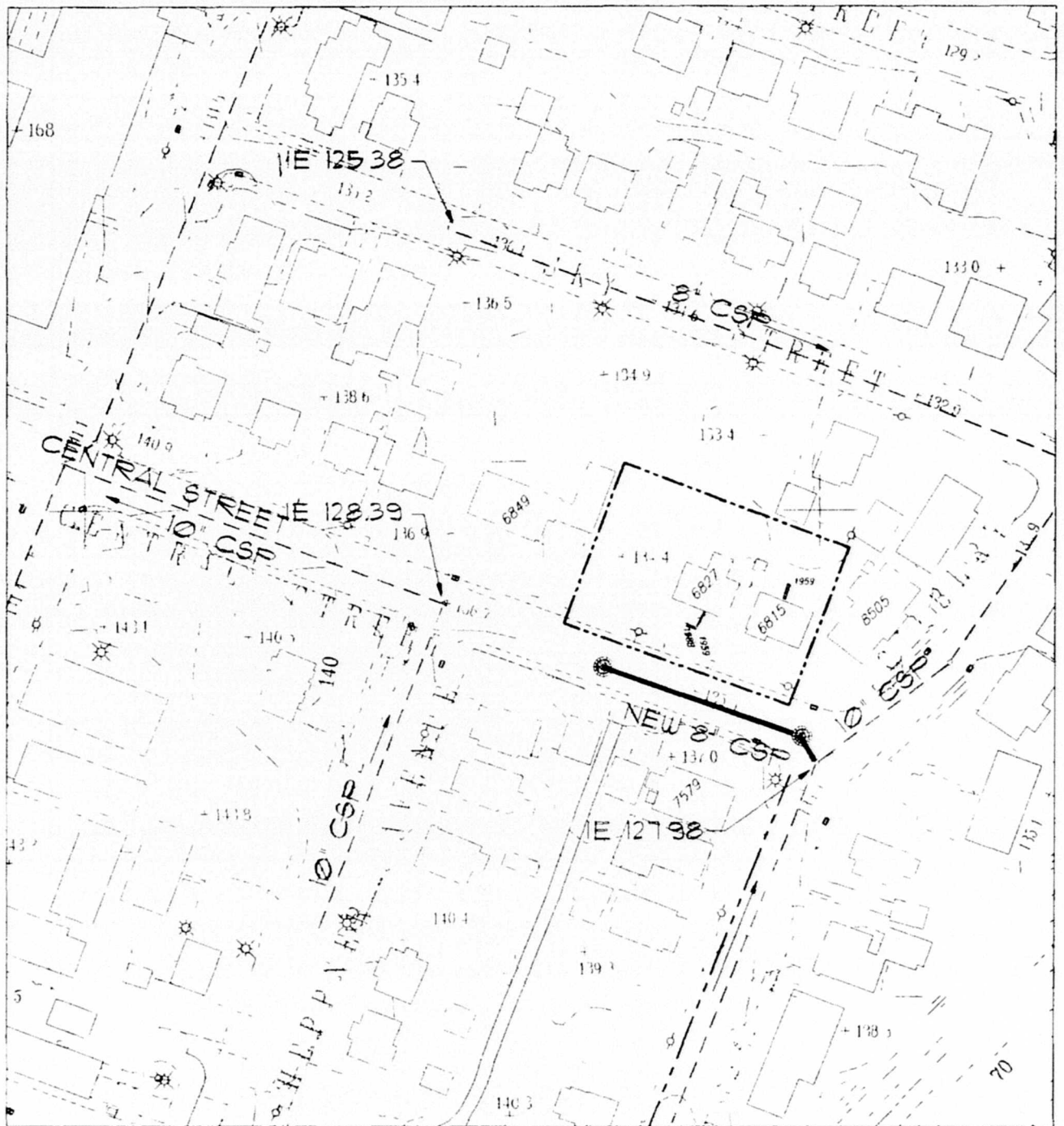


NEIGHBORHOOD  
QUARTER SECTION  
LOCATION  
CONTRIBUTES TO CSO?

ST JOHNS  
2123  
N CENTRAL ST  
N HEPPNER TO GILBERT AVE

NO

AREA NO. 126



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'



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

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AREA NO 126

NEIGHBORHOOD St Johns

LOCATION N Central Street west  
of N Gilbert Avenue

QUARTER SECTION 2123

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**Project Description:**

This project will provide sanitary sewer service to 2 homes and one vacant lot on N Central Street. The line will connect to the existing public sewer on N Gilbert Avenue at the intersection of N Central Street and extend west on N Central Street for a distance of 130 feet. Two homes and a vacant lot on the north side of N Central Street will receive service with this project. Two existing septic systems will be abandoned as a result of this 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 number 1 priority project. The residences in this project area were constructed in the 1950's and one of the septic systems installed at that time is still in service. Records indicate that 50 percent of the homes have had new septic systems installed following the original installation with this replacement occurring in 1988.

**Project Cost:**

Construction of this project will cost about \$ 23,950. This includes provision of service lines to the edge of each property.

On average this project will cost \$ 7980 per property. 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
126	R38330 0810	Tillie M	Caron	6827	N Central St	Portland	97203
126	R38330 0830	John R & Karen M	Morris	6815	N Central St	Portland	97203

AREA 126

35471

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	160 LF	\$ 25 00 LF	\$ 4,000 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	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	191 CY	\$ 15 00 CY	\$ 2,862 50
CSP PIPE BEDDING CLASS "C"	57 CY	\$ 25 00 CY	\$ 1,431 25
IMP GRANULAR BACKFILL	134 CY	\$ 10 00 CY	\$ 1,335 83
AC PAVEMENT REPLACEMENT 2" THICK	65 SY	\$ 20 00 SY	\$ 1,305 56
ROCK SURFACING	2 CY	\$ 20 00 CY	\$ 35 56
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	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 17,100 69</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 23,940 97</b>
EXISTING HOMES SERVED	2 EA		
VACANT LOTS SERVED	1 EA		
TOTAL SERVICES	3 EA		
TOTAL COST PER SERVICE			<b>\$ 7,980.32</b>

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

126

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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	7
<b>II Implementation</b>		
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
<b>III Project Costs</b>		
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 127**

**35471**

**THIS AREA WAS INCLUDED  
IN AREA 5**

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

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AREA NO 127

NEIGHBORHOOD

LOCATION. N Minerva Avenue near  
N Seneca Street

QUARTER SECTION

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**Project Description:**

This project area is duplicated in project area No 5

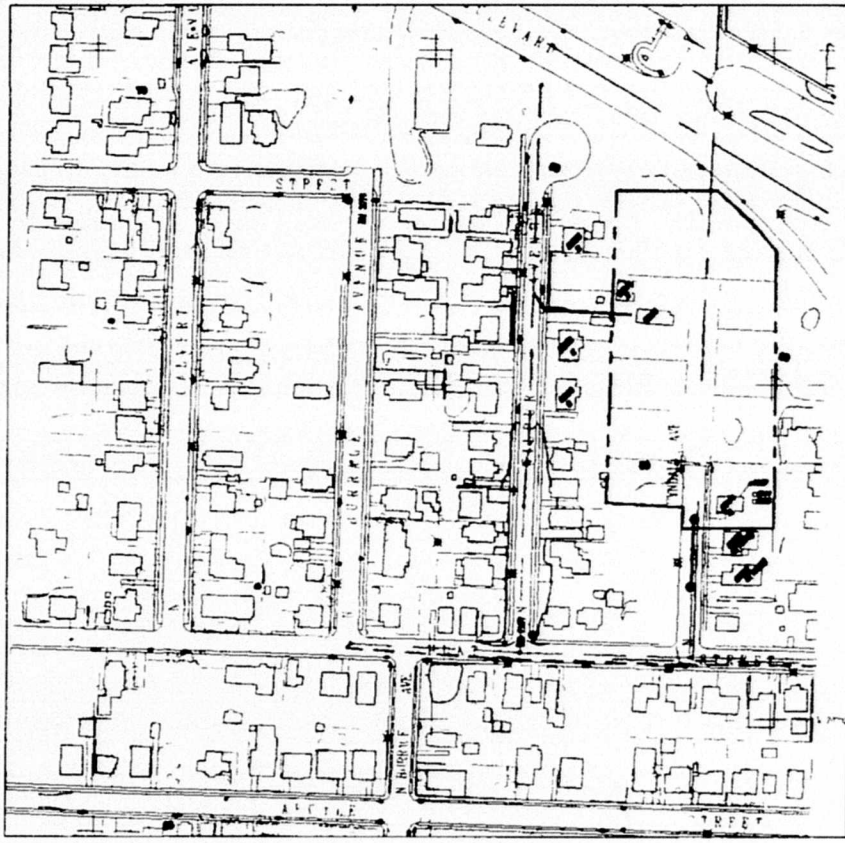
**Priority Ranking:**

See project area No 5 for priority ranking

**Project Cost:**

See project area No 5 for cost information

35471



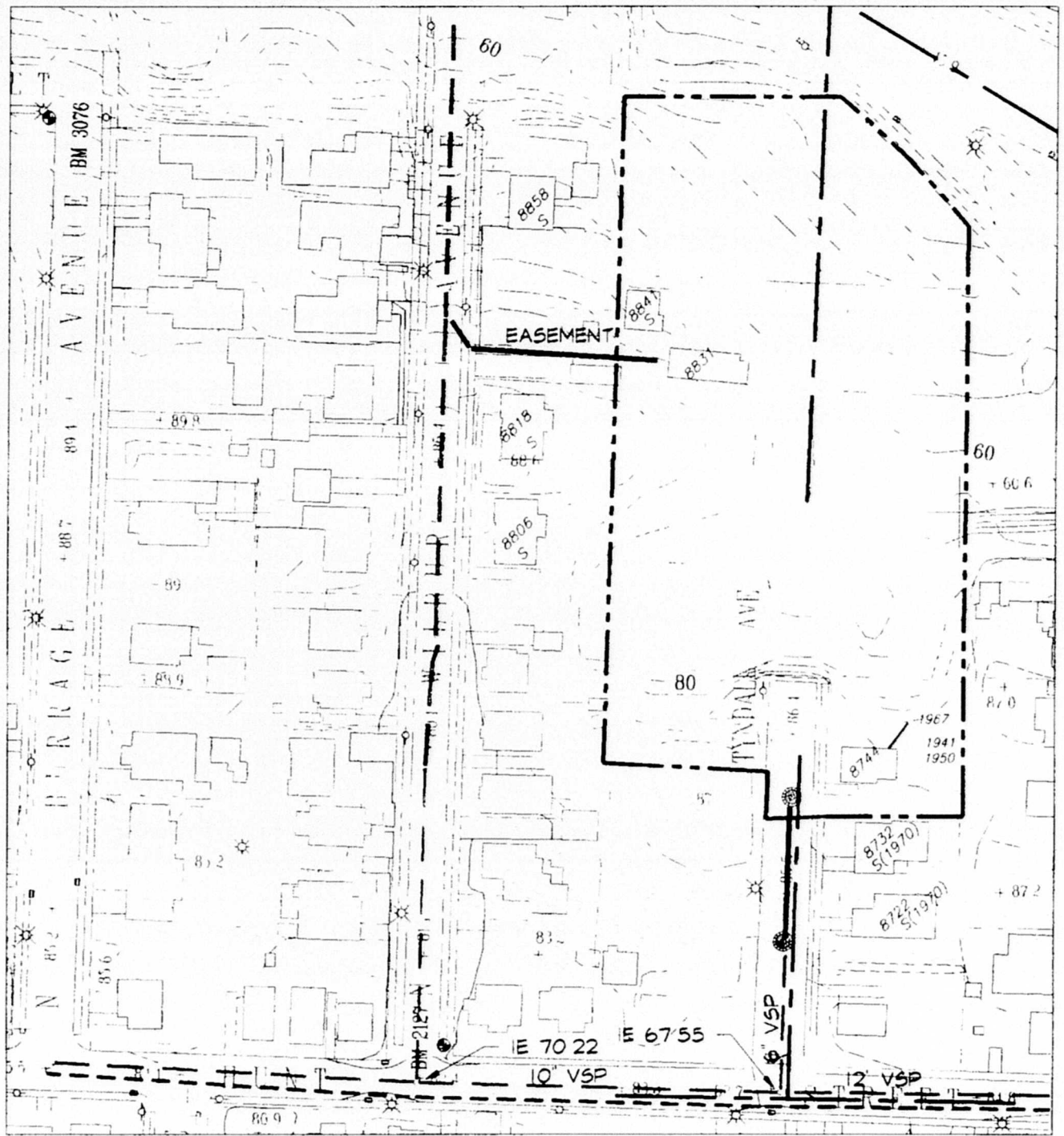
NEIGHBORHOOD  
QUARTER SECTION  
LOCATION:

KENTON  
2127  
N TYNDALL

CONTRIBUTES TO CSO?

NO

AREA NO. 128



**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 128



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

---

AREA NO 128

NEIGHBORHOOD Kenton

LOCATION N Tyndall Avenue  
north of N Hunt Street

QUARTER SECTION 2127

---

**Project Description:**

This project will provide sanitary sewer service to 2 homes through construction of two short sewerline segments. One line will extend a 6-inch sanitary sewer on N Tyndall Avenue for a distance of about 100 feet to serve the home at 8744 N Tyndall. A second line will connect to the sanitary sewer on N Wilbur Avenue and be constructed on an easement located between 8818 N Wilbur and 8841 N Wilbur. This sewer branch will provide service to the home at 8831 N Wilbur Avenue.

Detailed investigation of the ownership and property line locations regarding 8831 N Wilbur will be needed to locate this line.

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 3rd priority project. Only the home at 8744 N Tyndall Avenue has a record of septic system installation. The earliest construction was recorded in 1941 and the latest repair in 1967. No record exists for the home at 8831 N Wilbur Avenue.

**Project Cost:**

Construction of this project will be about \$ 29,500. 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 \$ 9847 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
128	R65524 0100	Sean Christopher	Lee	8744	N Tyndall Ave	Portland	97217
128	R65524 0810	Deborah A	Colantuono	8831	N Tyndall Ave	Portland	97217
128	R65524 0880	PORTLAND CITY OF		8859	N Tyndall Ave	Portland	97217
128	R65524 1020	Anil	Lai	8747	N Tyndall Ave	Portland	97217
128	R65524 1050	MULTNOMAH COUNTY		8733	N Tyndall Ave	Portland	97217

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	250 LF	\$ 25 00 LF	\$ 6,250 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	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	261 CY	\$ 15 00 CY	\$ 3,916 67
CSP PIPE BEDDING CLASS "C"	78 CY	\$ 25 00 CY	\$ 1,958 33
IMP GRANULAR BACKFILL	183 CY	\$ 10 00 CY	\$ 1,827 78
AC PAVEMENT REPLACEMENT 2" THICK	5 SY	\$ 20 00 SY	\$ 91 67
ROCK SURFACING	16 CY	\$ 20 00 CY	\$ 326 11
CONCRETE CURB REPLACEMENT	3 LF	\$ 20 00 LF	\$ 60 00
SIDEWALK REPLACEMENT	9 SF	\$ 50 00 SF	\$ 450 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 21,100.56</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 29,540 78</b>
EXISTING HOMES SERVED	3 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	3 EA		
TOTAL COST PER SERVICE			<b>\$ 9,846 93</b>

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

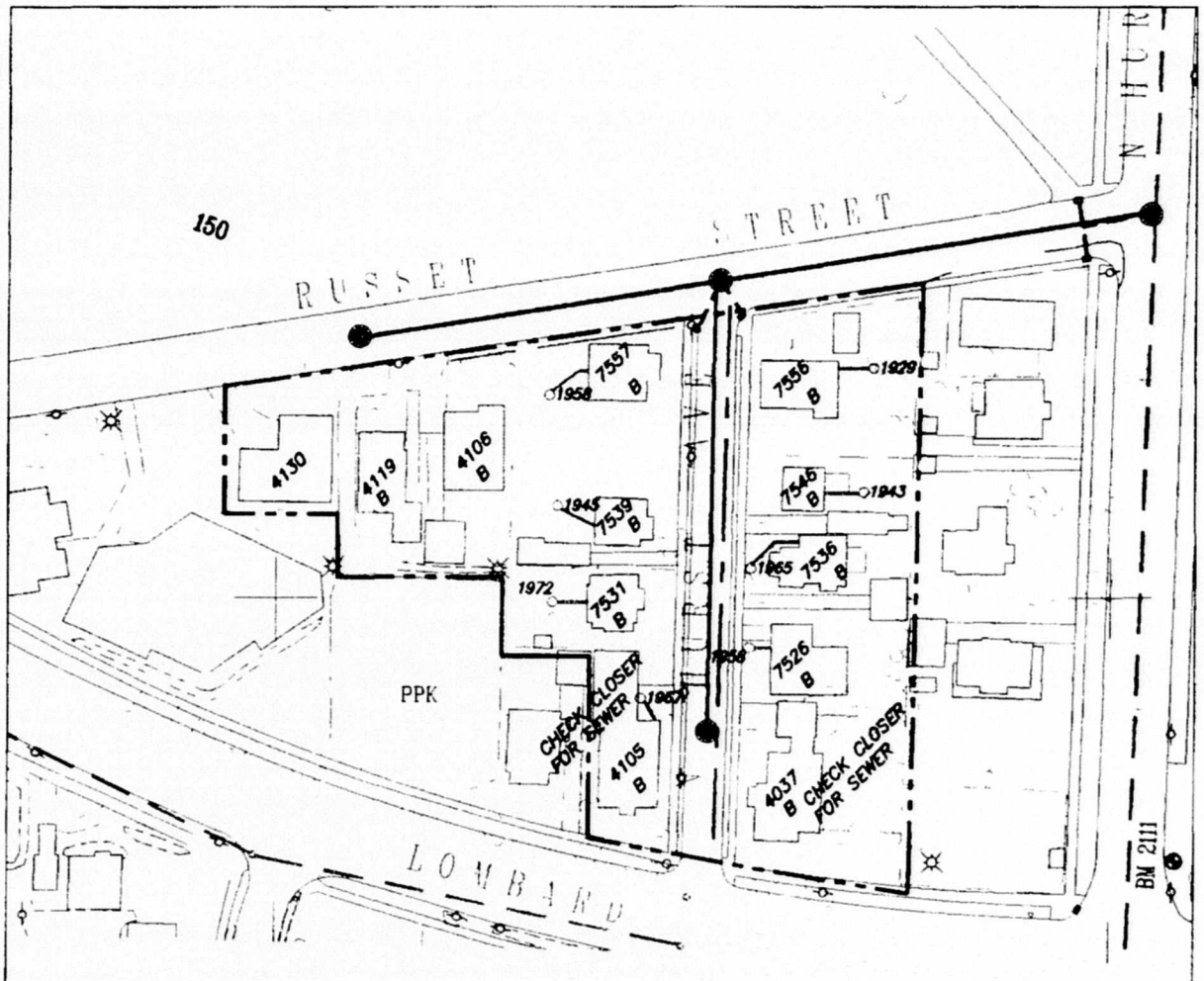
**12B**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>10</b>
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	<b>7</b>
<b>II Implementation</b>		
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	<b>9</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>8</b>
<b>III Project Costs</b>		
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	<b>5</b>

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



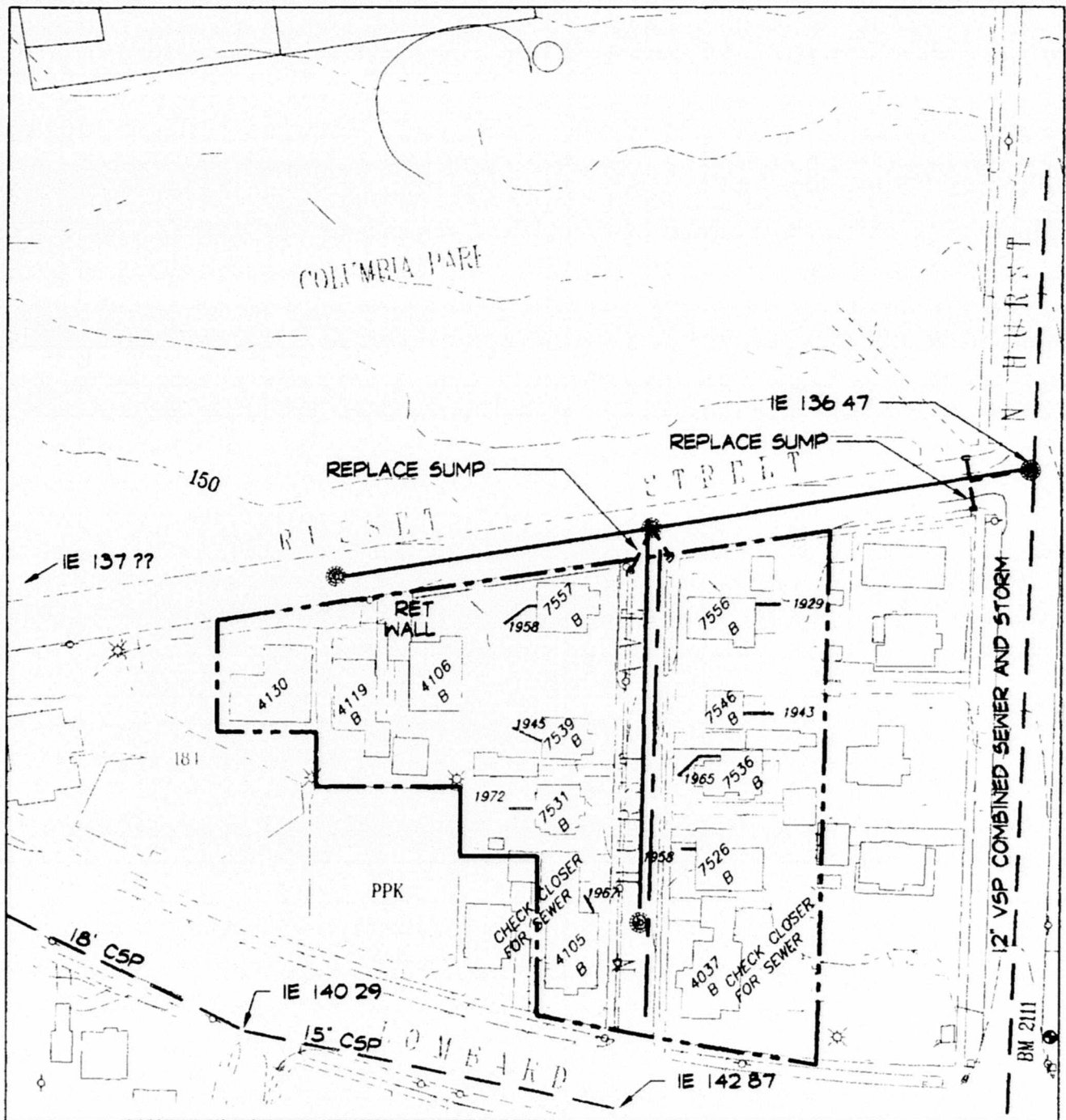
35471



NEIGHBORHOOD  
QUARTER SECTION  
LOCATION.  
CONTRIBUTES TO CSO?

KENTON / PORTSMOUTH  
2226  
N HURST  
RUSSET TO SMITH  
NO

AREA NO. 129



**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 129

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

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AREA NO 129

NEIGHBORHOOD Kenton/  
Portsmouth

LOCATION N Russet Street and  
N Hurst Avenue north of  
N Lombard Street

QUARTER SECTION 2226

---

**Project Description:**

This project will provide sanitary sewer service to 12 homes in located on N Russet and N Hurst Avenues. The new sewer will begin with a connection to the existing sewer system at the intersection of N Russet Street and N Chautauqua Avenue and will extend 480 feet on N Russet Street. A lateral line on N Hurst Avenue will extend south for a distance of 270 feet to serve homes on that street.

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 septic systems gives this project area a priority ranking of 47. Eight of the twelve homes in the project area have on-site septic system records in the city files. The oldest septic system on record dates to 1929. None of the eight show evidence of replacement or repair projects for any of the septic systems. No evidence of septic system problems in the area were found.

**Project Cost:**

Construction of this project will be about \$ 92,500. This includes provision of service lines to the edge of the property of each of the twelve homes.

On average this project will cost \$ 7706 per residence. 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	750 LF	\$ 25 00 LF	\$ 18,750 00
6" ASTM C-14, CL 3 CSP	240 LF	\$ 22 00 LF	\$ 5,280 00
6"X8" TEE, ASTM C-14, CL 3	12 EA	\$ 100 00 EA	\$ 1,200 00
48" STD PRECAST MH	4 EA	\$ 1,800 00 EA	\$ 7,200 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	822 CY	\$ 15 00 CY	\$ 12,333 33
CSP PIPE BEDDING CLASS "C"	247 CY	\$ 25 00 CY	\$ 6,166 67
IMP GRANULAR BACKFILL	576 CY	\$ 10 00 CY	\$ 5,755 56
AC PAVEMENT REPLACEMENT 2" THICK	58 SY	\$ 20 00 SY	\$ 1,166 67
ROCK SURFACING	2 CY	\$ 20 00 CY	\$ 33 33
CONCRETE CURB REPLACEMENT	36 LF	\$ 20 00 LF	\$ 720 00
SIDEWALK REPLACEMENT	81 SF	\$ 50 00 SF	\$ 4,050 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	4 EA	\$ 500 00 EA	\$ 2,000 00
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 66,055 56</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 92,477.78</b>
EXISTING HOMES SERVED	12 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	12 EA		
TOTAL COST PER SERVICE			\$ 7,706.48

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

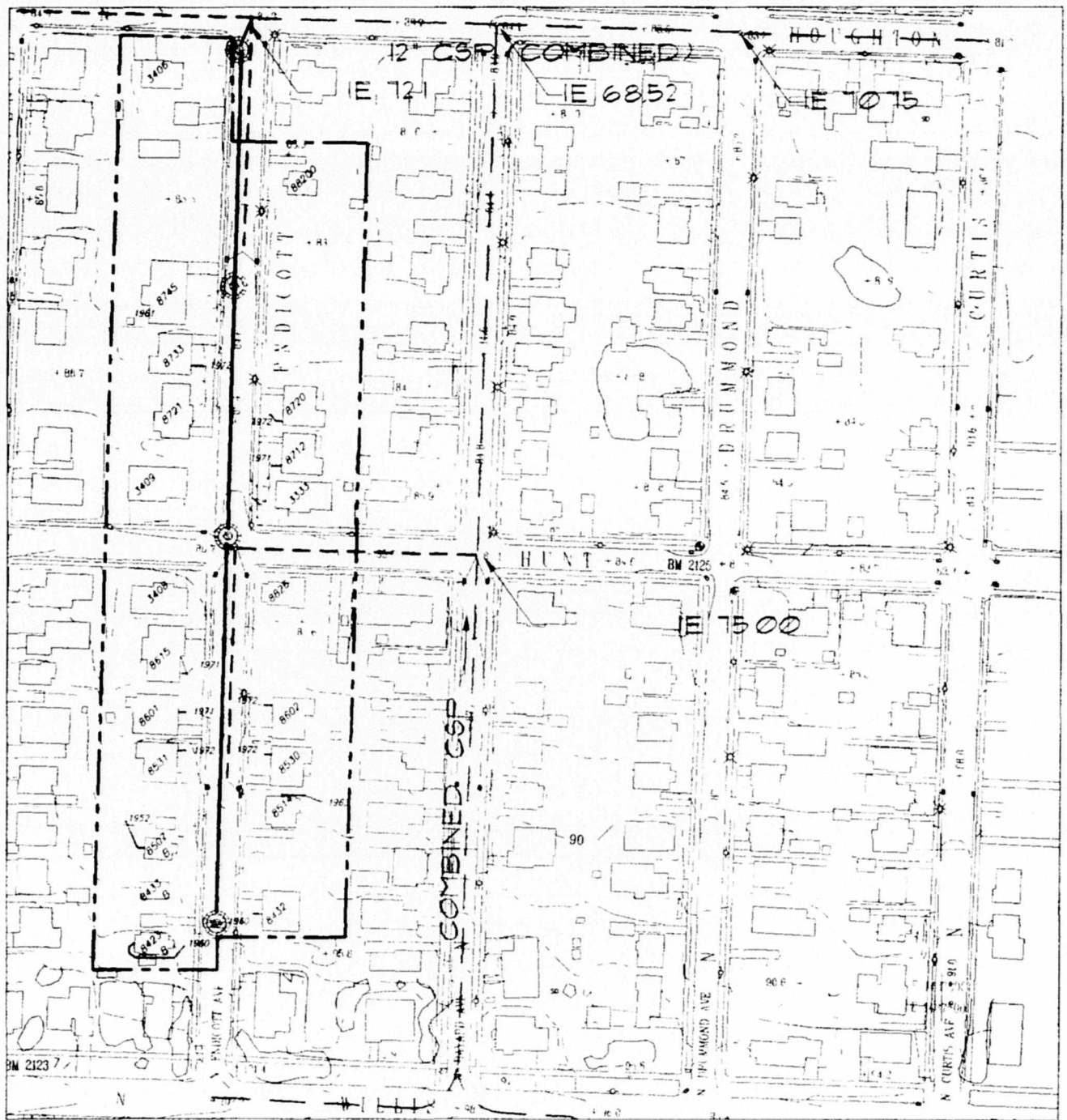
Project Area Number

**129**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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
<b>II Implementation</b>		
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
<b>III Project Costs</b>		
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





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 130



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

---

AREA NO 130

NEIGHBORHOOD Kenton

LOCATION N Endicott Avenue  
north of N Willis Street

QUARTER SECTION 2127

---

**Project Description:**

This project will provide sanitary sewer service to 23 homes and 4 vacant lots along a two block segment of N Endicott Avenue between N Willis and N Houghton Streets. The line will connect to the existing sewer at the intersection of N Bayard Avenue and N Houghton Avenue, extending west on N Houghton Avenue to the intersection of N Endicott Avenue. On N Endicott Avenue, the line will extend south, crossing N Hunt Street for a distance of 945 feet. The total system length is 1215 feet and includes 5 manholes and 26 service branch lines.

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 27 priority project. Even though the homes appear older, on-site septic system records for 13 of the 23 homes indicate septic system work dating from the 1960's and 1970's. Records for the other 8 homes were not available. Based on this, it appears that over fifty percent of the homes have had septic system replacement or repair. These were likely repair or replacement projects for earlier septic system installations.

**Project Cost:**

Construction of this project will be about \$ 200,000. This includes provision of service lines to the edge of the property of each home and vacant lot. In all, 23 homes will receive sewage service connections to the public system.

On average this project will cost \$ 7382 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
130	R65521 1370	Irwin H & Ida M	Greenidge	8615	N Endicott Ave	Portland	97217
130	R65521 1400	Robert M	Holden	8601	N Endicott Ave	Portland	97217
130	R65521 1420	Carl & Glenn	Walker	8531	N Endicott Ave	Portland	97217
130	R65521 1440	Harold Alan	Wise	8507	N Endicott Ave	Portland	97217
130	R65521 1480	Michael & Sandra	Cover	8433	N Endicott Ave	Portland	97217
130	R65521 1600	Jean M	Runyen	8432	N Endicott Ave	Portland	97217
130	R65521 1640	William C	Reed	8514	N Endicott Ave	Portland	97217
130	R65521 1660	Leola M	Johnson	8530	N Endicott Ave	Portland	97217
130	R65521 1680	Francis A	Kahoun	8602	N Endicott Ave	Portland	97217
130	R65521 1700	Shanti Wati	Prasad	8626	N Endicott Ave	Portland	97217
130	R65521 4190	Ann M & John R	Hill	8712	N Endicott Ave	Portland	97217
130	R65521 4200	Al C & Rose	Bahler	8720	N Endicott Ave	Portland	97217
130	R65521 4300	Thomas D & Violet M	Foushee	8820	N Endicott Ave	Portland	97217
130	R65521 4330	Willie	Cherry	3320	N Houghton St	Portland	97217
130	R65521 4780	Love	Cherry	3406	N Houghton St	Portland	97217
130	R65521 4870	Roy L	Harper	8745	N Endicott Ave	Portland	97217
130	R65521 4900	Carla M	Bunde	8733	N Endicott Ave	Portland	97217
130	R65521 4920	Richard K	Baker	8721	N Endicott Ave	Portland	97217
130	R65521 1500	JOHN ALLEN	EVANS	8423	N ENDICOTT AVE	Portland	97217

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	980 LF	\$ 25 00 LF	\$ 24,500 00
6" ASTM C-14, CL 3 CSP	1350 LF	\$ 22 00 LF	\$ 29,700 00
6"X8" TEE, ASTM C-14, CL 3	27 EA	\$ 100 00 EA	\$ 2,700 00
48" STD PRECAST MH	4 EA	\$ 1,800 00 EA	\$ 7,200 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	1746 CY	\$ 15 00 CY	\$ 26,191 67
CSP PIPE BEDDING CLASS "C"	524 CY	\$ 25 00 CY	\$ 13,095 83
IMP GRANULAR BACKFILL	1222 CY	\$ 10 00 CY	\$ 12,222 78
AC PAVEMENT REPLACEMENT 2" THICK	614 SY	\$ 20 00 SY	\$ 12,283 33
ROCK SURFACING	18 CY	\$ 20 00 CY	\$ 350 00
CONCRETE CURB REPLACEMENT	69 LF	\$ 20 00 LF	\$ 1,380 00
SIDEWALK REPLACEMENT	207 SF	\$ 50 00 SF	\$ 10,350 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	4 EA	\$ 500 00 EA	\$ 2,000 00
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 142,373 61</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 199,323 06</b>
EXISTING HOMES SERVED	23 EA		
VACANT LOTS SERVED	4 EA		
TOTAL SERVICES	27 EA		
TOTAL COST PER SERVICE			\$ 7,382 34

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

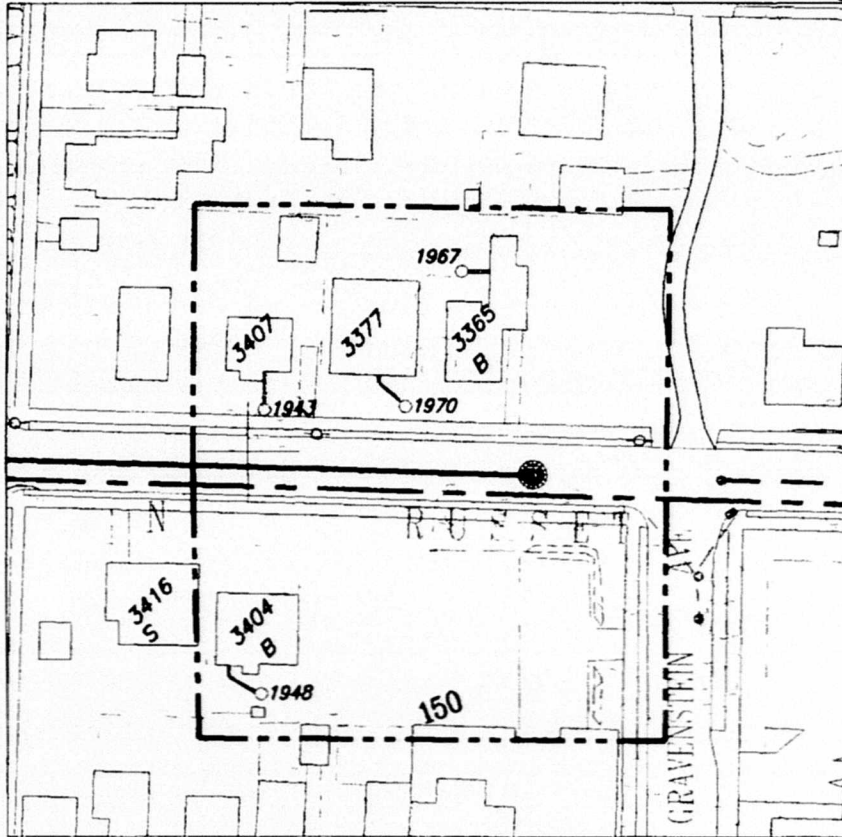
130

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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	0
<b>II Implementation</b>		
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
<b>III Project Costs</b>		
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

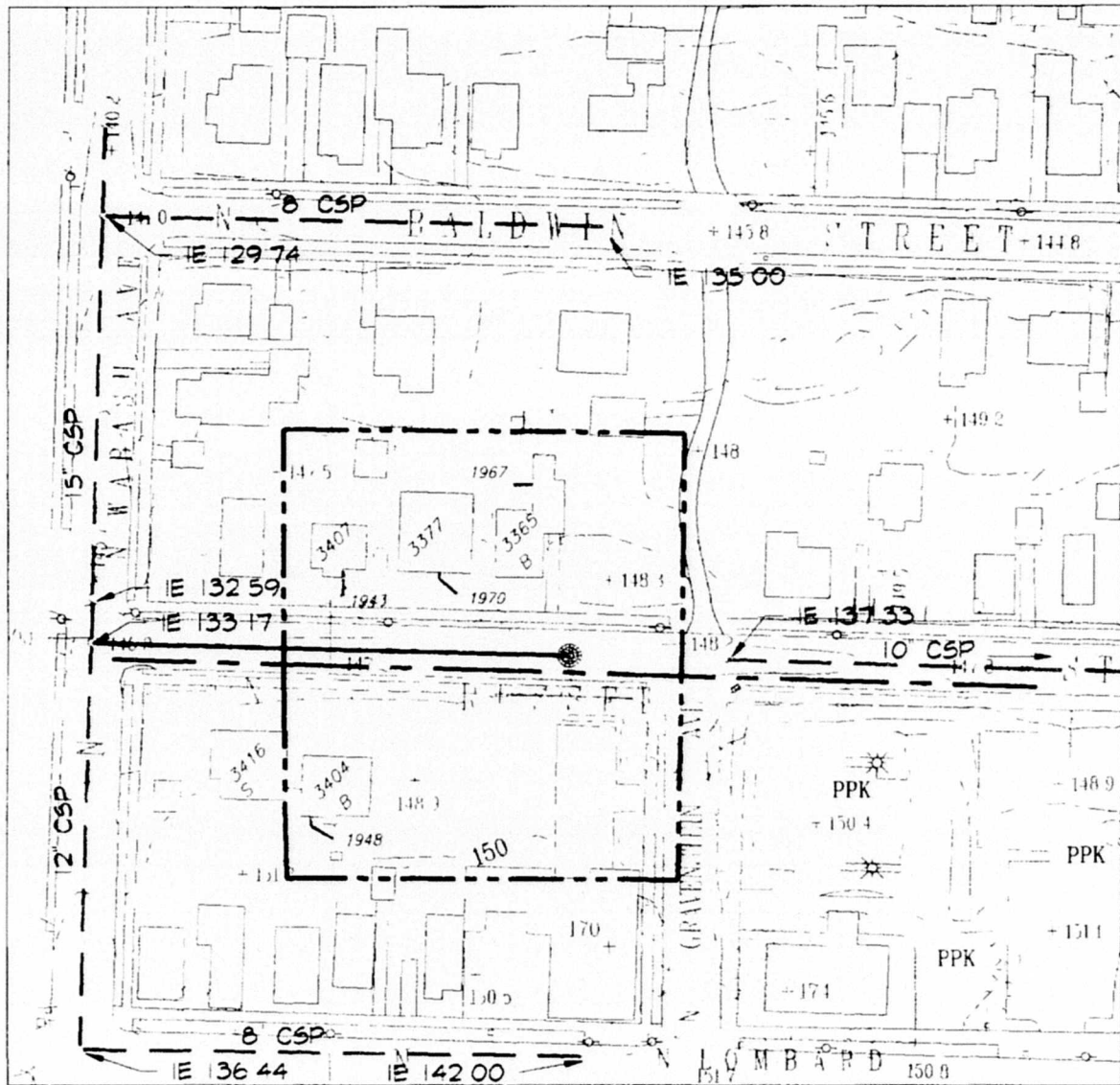


35471



NEIGHBORHOOD  
QUARTER SECTION  
LOCATION  
CONTRIBUTES TO CSO?

KENTON  
2227  
N RUSSET  
GRAVENSTEIN - WABASH  
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 131

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

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AREA NO 131

NEIGHBORHOOD Kenton

LOCATION N Russet east of  
N Wabash Avenue

QUARTER SECTION 2227

---

**Project Description:**

This project will provide sanitary sewer service to 4 homes and 2 vacant lots. The line will begin with a connection to the existing sewer system at the intersection of N Wabash Avenue and N Russet Street and will extend east on N Russet Street a distance of 440 feet to its terminus.

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 51 priority project. The residences in this project area were constructed in the 1930's and 1940's and some of the septic system installed at that time appear to be still in service. No records were found which indicate that these septic systems have been repaired or replaced since their initial installation.

**Project Cost:**

Construction of this project will be about \$ 63,500. This includes provision of service lines to the edge of the property of each home. In all, 4 homes will receive sewage service connections to the public system.

On average this project will cost \$ 10,588 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	560 LF	\$ 25 00 LF	\$ 14,000 00
6" ASTM C-14, CL 3 CSP	150 LF	\$ 22 00 LF	\$ 3,300 00
6"X8" TEE, ASTM C-14, CL 3	6 EA	\$ 100 00 EA	\$ 600 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	595 CY	\$ 15 00 CY	\$ 8,925 00
CSP PIPE BEDDING CLASS "C"	179 CY	\$ 25 00 CY	\$ 4,462 50
IMP GRANULAR BACKFILL	417 CY	\$ 10 00 CY	\$ 4,165 00
AC PAVEMENT REPLACEMENT 2" THICK	223 SY	\$ 20 00 SY	\$ 4,466 67
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	18 LF	\$ 20 00 LF	\$ 360 00
SIDEWALK REPLACEMENT	54 SF	\$ 50 00 SF	\$ 2,700 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 45,379.17</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 63,530.83</b>
EXISTING HOMES SERVED	4 EA		
VACANT LOTS SERVED	2 EA		
TOTAL SERVICES	6 EA		
TOTAL COST PER SERVICE			<b>\$ 10,588.47</b>

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

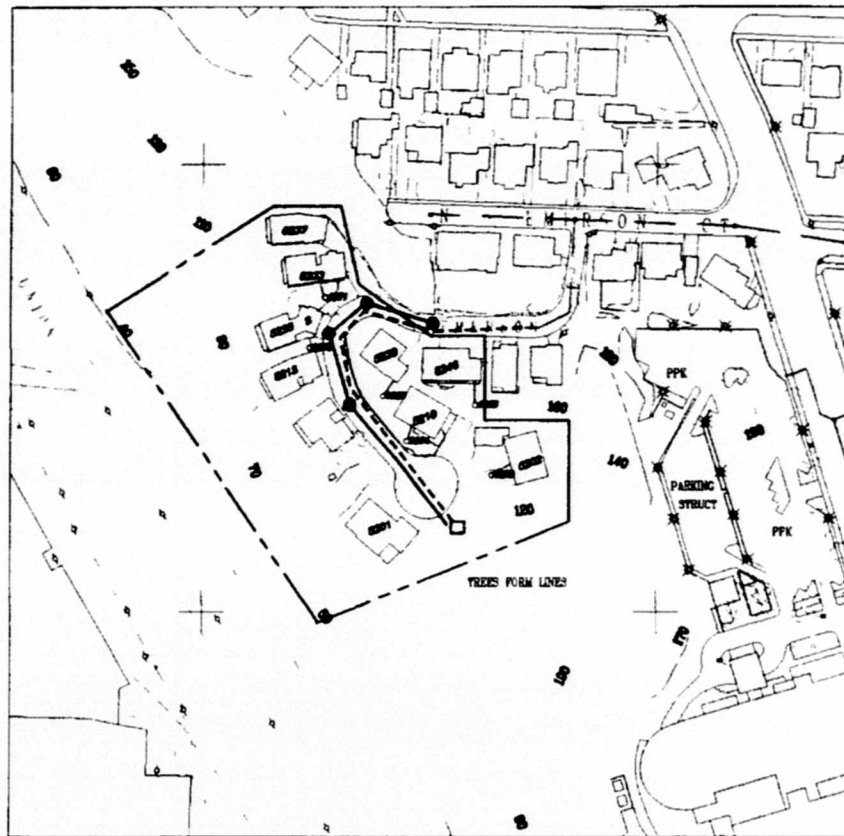
Project Area Number

**131**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>0</b>
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	<b>0</b>
<b>II Implementation</b>		
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	<b>9</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>8</b>
<b>III Project Costs</b>		
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	<b>5</b>

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

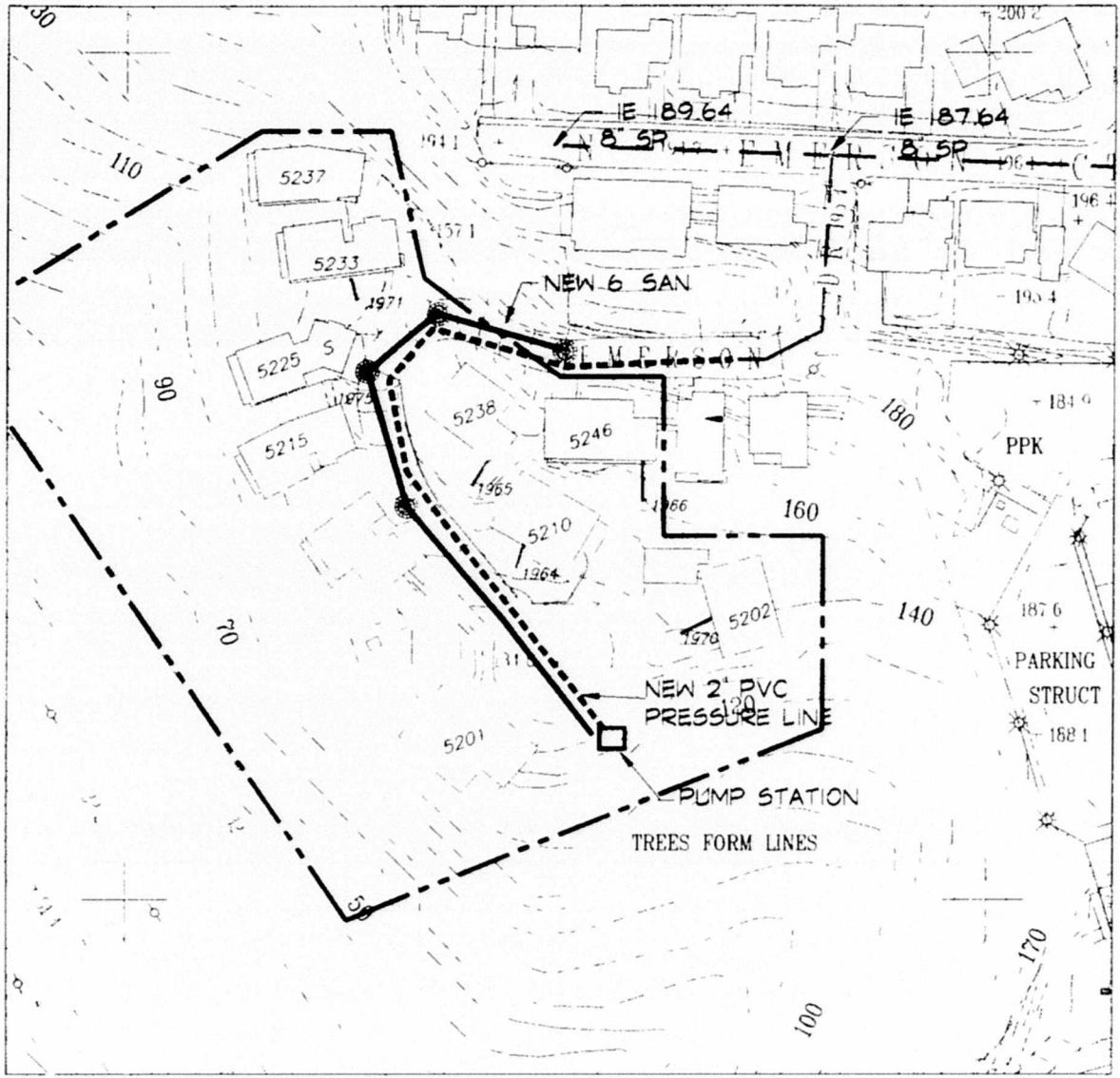
35471



NEIGHBORHOOD  
QUARTER SECTION  
LOCATION  
CONTRIBUTES TO CSO?

OVERLOOK  
2527  
N EMERSON DR  
EMERSON CT - SOUTH  
NO

AREA NO. 132



**LEGEND**

- NEW SANITARY LINE
- EXISTING SANITARY LINE
- FORCE MAIN
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT  
S - SEWER CONNECTED



SCALE 1"=100'  
AREA 132



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

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AREA NO 132

NEIGHBORHOOD Overlook

LOCATION N Emerson Drive south  
of N Emerson Court west  
of N Greeley Avenue

QUARTER SECTION 2527

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**Project Description:**

This project will provide sanitary sewer service to 10 homes located along a very steep street on the bluff overlooking Swan Island. The sanitary sewer system used to serve these homes will consist of a gravity sewer segment, a pump station and a force main. The gravity sewer will extend 390 feet down N Emerson Drive and end at a pump station which will pump the collected sewage back up N Emerson Drive to a gravity sewer located near the north end of N Emerson Drive about 150 feet south of N Emerson Court.

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 59th priority project. The residences in this project area appear to have been constructed in the 1960's and 1970's. Five of the ten homes in the project area have on-site septic system records on file with the city. None show evidence of subsequent septic system replacement since the initial installation.

**Project Cost:**

Construction of this project will be about \$ 59,500. This includes provision of service lines to the edge of the property of each home. In all, 10 homes will receive sewage service connections to the public system.

On average this project will cost \$ 5950 per residence. 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	0 LF	\$ 25 00 LF	\$ -
2" PRESSURE LINE	480 LF	\$ 6 00 LF	\$ 2,880 00
6" ASTM C-14, CL 3 CSP	380 LF	\$ 22 00 LF	\$ 8,360 00
6"X8" TEE, ASTM C-14, CL 3	10 EA	\$ 100 00 EA	\$ 1,000 00
48" STD PRECAST MH	4 EA	\$ 1,800 00 EA	\$ 7,200 00
PUMP STATION COST	1 EA	\$ 14,000 00 EA	\$ 14,000 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	246 CY	\$ 15 00 CY	\$ 3,694 44
CSP PIPE BEDDING CLASS "C"	74 CY	\$ 25 00 CY	\$ 1,847 22
IMP GRANULAR BACKFILL	172 CY	\$ 10 00 CY	\$ 1,724 07
AC PAVEMENT REPLACEMENT 2" THICK	61 SY	\$ 20 00 SY	\$ 1,222 22
ROCK SURFACING	9 CY	\$ 20 00 CY	\$ 177 78
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	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 42,505.74</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 59,508 04</b>
EXISTING HOMES SERVED	10 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	10 EA		
<b>TOTAL COST PER SERVICE</b>			<b>\$ 5,950.80</b>

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

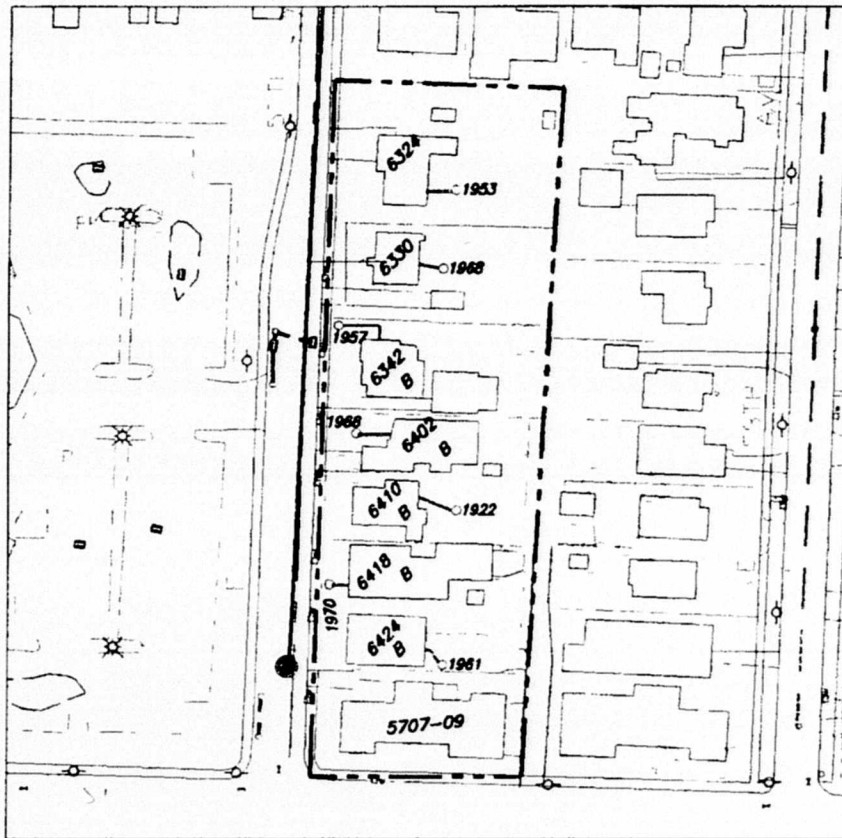
132

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
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
<b>II Implementation</b>		
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	0
<b>III Project Costs</b>		
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  
QUARTER SECTION  
LOCATION

SE 57th  
3636  
WOODSTOCK  
DUKE - TOLMAN

CONTRIBUTES TO CSO?

NO

AREA NO. 133



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 133

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

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AREA NO 133

NEIGHBORHOOD Woodstock

LOCATION SE 57th Avenue between  
SE Woodstock and SE Duke

QUARTER SECTION 3636

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**Project Description:**

This project will provide sanitary sewer service to 8 homes on the east side of SE 57th Avenue. The line will begin with a connection to the existing sewer system at the intersection of SE 57th Avenue and SE Duke and will extend 470 feet south on SE 57th Avenue its terminus.

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 48 priority Project. The residences in this project area were constructed in the 1920's and 1930's and some of the septic system installed at that time are still in service. Records seem to indicate that more than 50 percent of the homes have had new septic systems installed following the original installation with the latest of these installations occurring in 1970.

**Project Cost:**

Construction of this project will be about \$ 66,400. 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 \$ 8297 per residence. 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	470 LF	\$ 25 00 LF	\$ 11,750 00
6" ASTM C-14, CL 3 CSP	240 LF	\$ 22 00 LF	\$ 5,280 00
6"X8" TEE, ASTM C-14, CL 3	8 EA	\$ 100 00 EA	\$ 800 00
48" STD PRECAST MH	1 EA	\$ 1,800 00 EA	\$ 1,800 00
48" STD PRECAST MH, OVER 8'	1 LF	\$ 200 00 LF	\$ 200 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	573 CY	\$ 15 00 CY	\$ 8,600 00
CSP PIPE BEDDING CLASS "C"	172 CY	\$ 25 00 CY	\$ 4,300 00
IMP GRANULAR BACKFILL	401 CY	\$ 10 00 CY	\$ 4,013 33
AC PAVEMENT REPLACEMENT 2" THICK	59 SY	\$ 20 00 SY	\$ 1,177 78
ROCK SURFACING	216 CY	\$ 20 00 CY	\$ 4,311 11
CONCRETE CURB REPLACEMENT	24 LF	\$ 20 00 LF	\$ 480 00
SIDEWALK REPLACEMENT	72 SF	\$ 50 00 SF	\$ 3,600 00
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	1 EA	\$ 500 00 EA	\$ 500 00
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 47,412.22</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 66,377.11</b>
EXISTING HOMES SERVED	8 EA		
VACANT LOTS SERVED	0 EA		
<b>TOTAL SERVICES</b>	<b>8 EA</b>		
<b>TOTAL COST PER SERVICE</b>			<b>\$ 8,297.14</b>

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

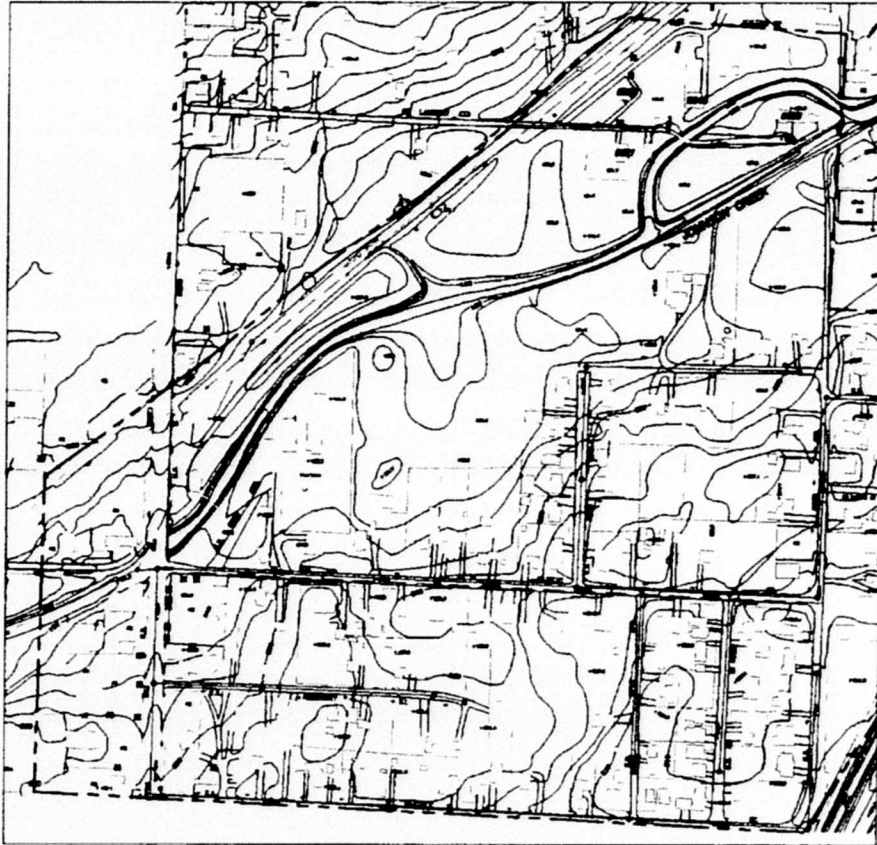
Project Area Number

**133**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>0</b>
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	<b>0</b>
<b>II Implementation</b>		
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	<b>9</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>8</b>
<b>III Project Costs</b>		
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	<b>5</b>

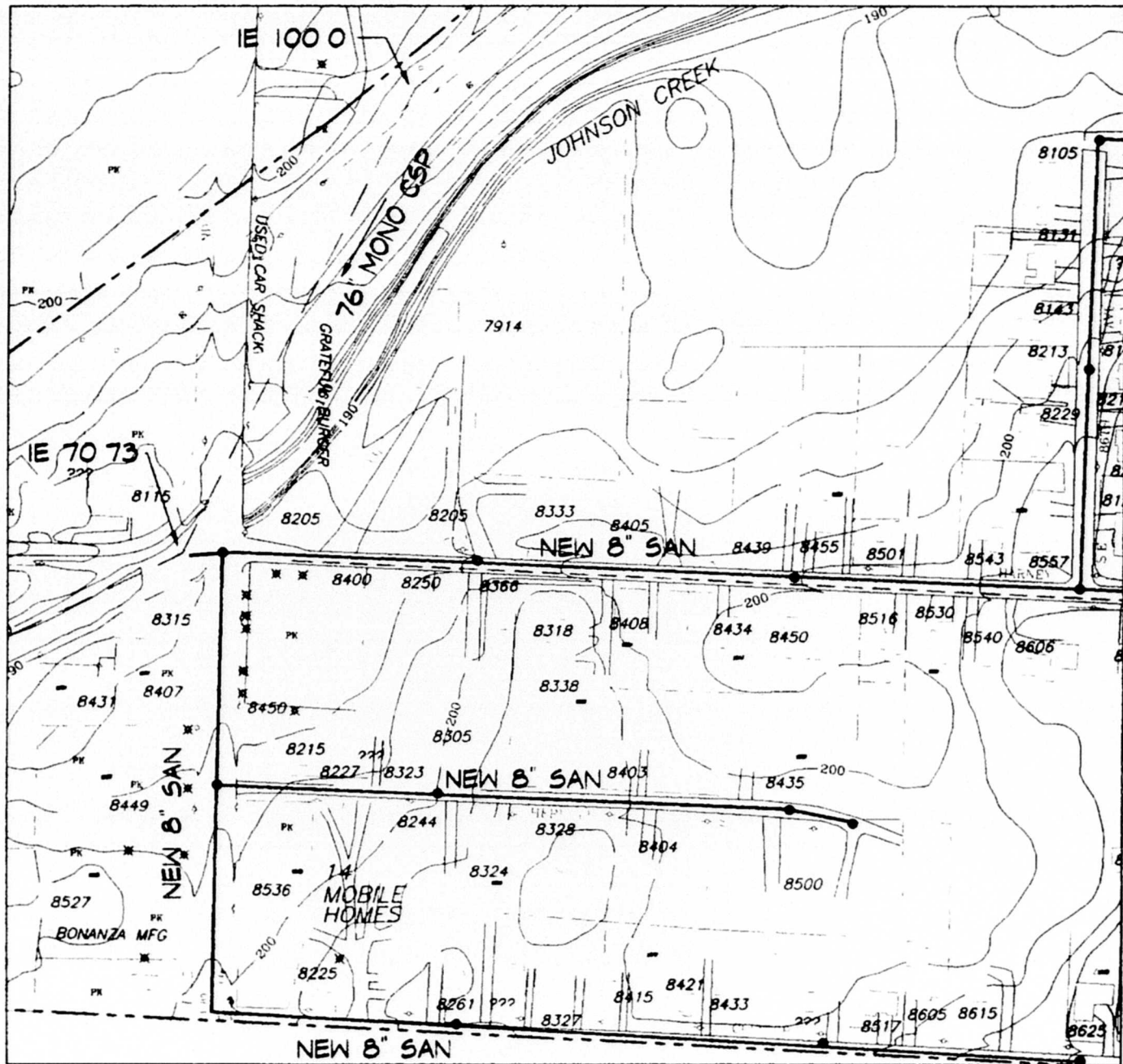
\* Annual CIP review should include survey of other bureaus for area projects

35471



NEIGHBORHOOD	SE CLATSOP
QUARTER SECTION	3740,3739,3839,3838
LOCATION	LENTS
	I-205 PDX TRACT
CONTRIBUTES TO CSO?	NO

AREA NO 134



**LEGEND**

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

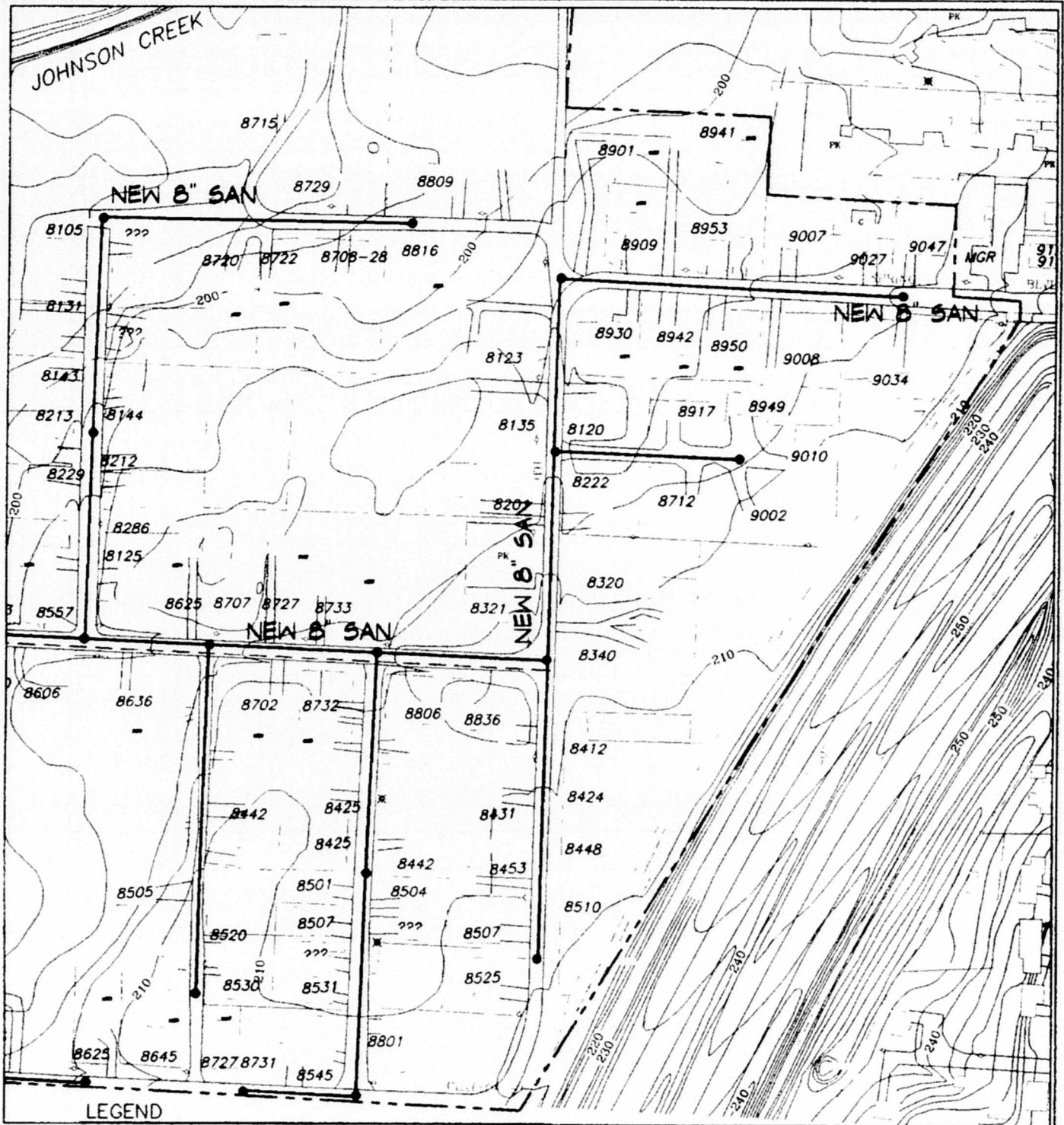
B - BASEMENT  
S - SEWER CONNECTED



SCALE 1"=200'

AREA 134A





LEGEND

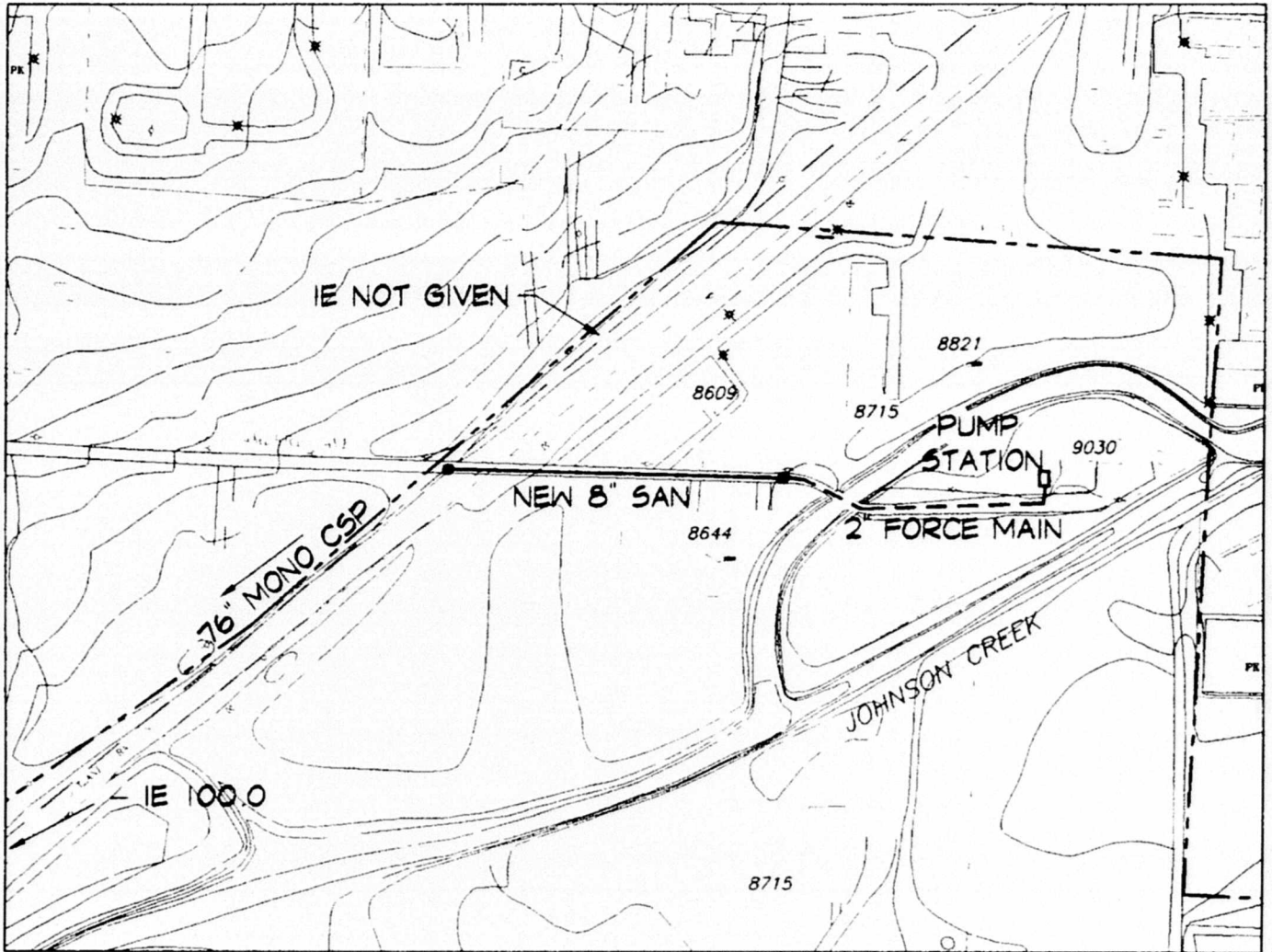
- NEW SANITARY LINE
- EXISTING SANITARY LINE
- EXISTING STORM LINE
- EXISTING WATER LINE
- BOUNDARY LINE
- FENCE LINE
- LOT LINES
- EXISTING MANHOLE
- NEW MANHOLE

B - BASEMENT  
S - SEWER CONNECTED



SCALE 1"=200'

AREA 134B



**LEGEND**

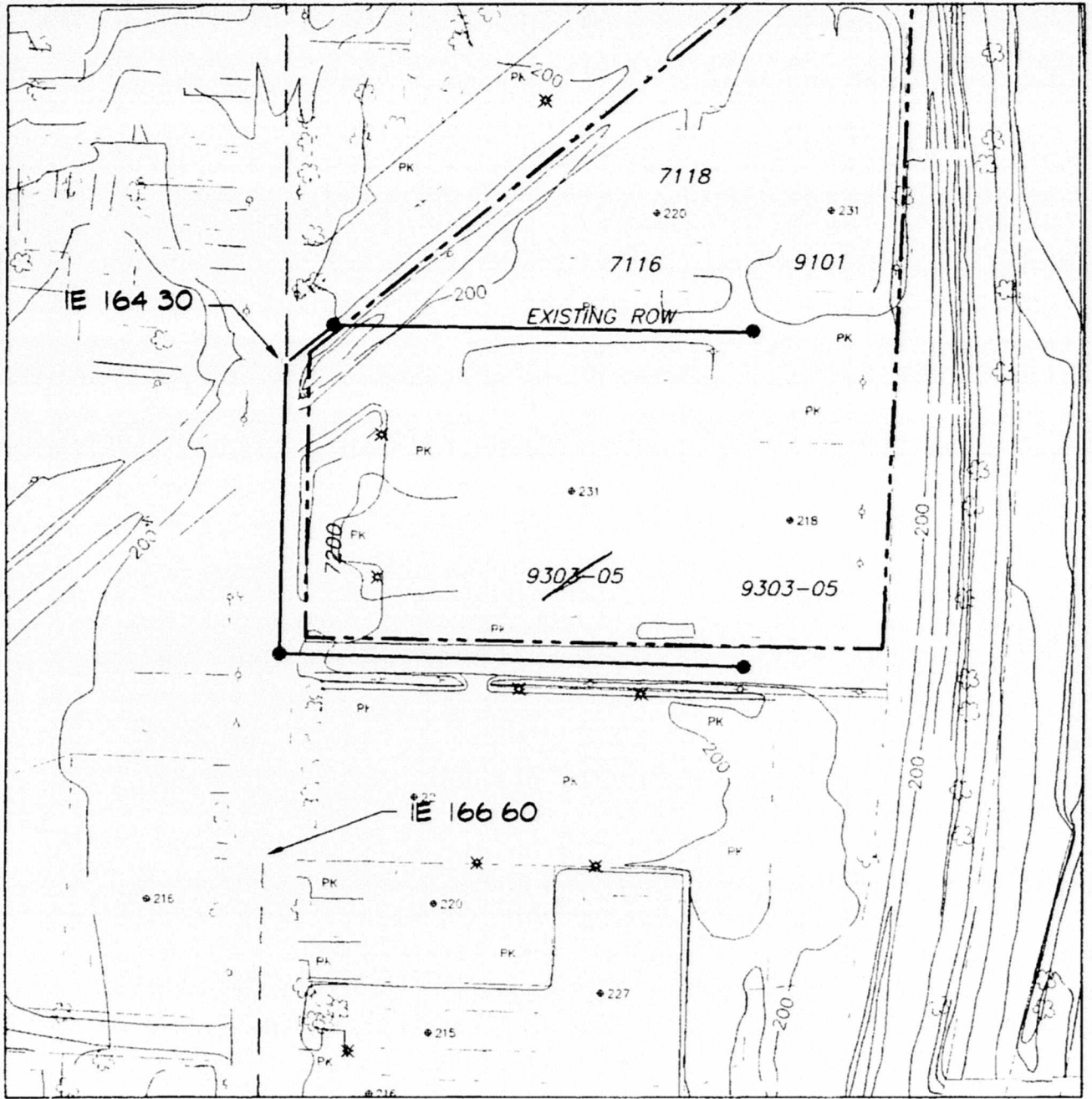
- |                        |           |
|------------------------|-----------|
| NEW SANITARY LINE      | —————     |
| EXISTING SANITARY LINE | - - - - - |
| EXISTING STORM LINE    | - - - - - |
| EXISTING WATER LINE    | —————     |
| BOUNDARY LINE          | - - - - - |
| FENCE LINE             | .....     |
| LOT LINES              | .....     |
| EXISTING MANHOLE       | X         |
| NEW MANHOLE            | ⊙         |

B - BASEMENT  
S - SEWER CONNECTED



SCALE 1"=100'

AREA 134C



**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 134D



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

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AREA NO 134

NEIGHBORHOOD Lents

LOCATION SE Clatsop south of  
Johnson Creek and west of  
I-205

QUARTER SECTION 3739, 3740,  
3838 & 3839

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**Project Description:**

This project will provide sanitary sewer service to 120 homes and a number of undeveloped lots in the project area in southeast Portland. The southern portion of project area 134 (Figures 134A and 134 B) will connect to the Johnson Creek Interceptor at SE 82nd Avenue and extend throughout the adjoining neighborhood on SE Harney, SE Crystal Springs, SE Clatsop and SE Sherrett. This system will use about 10,700 feet of gravity sewer and serve all properties in the area. Completion of this project will allow removal of about 120 existing septic systems.

At the north end of this parcel, a few homes along SE Lambert Street will be served by the Johnson Creek Interceptor through a line extending east from the Springbrook Corridor. See Figure 134C. One home on this line will be required to utilize a small pumping station in order to pump sewage to the gravity sewerline on SE Lambert.

The norther portion of project area 134 (Figure 134D) will be provides service to properties located on SE Knapp and the area immediately north of Knapp and east of SE 92nd Avenue. It will connect to a local sewer on SE 92nd Avenue and extend on an existing but undeveloped right-of-way north of SE Knapp as well as using the SE Knapp right-of-way. These lines will provide service to four industrial properites in the project area.

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 35th priority project.



**Project Cost:**

Construction of this project will be about \$ 1 35 million This includes provision of service lines to the edge of all properties in the service areas In all, 120 homes will receive sewage service connections to the public system

On average this project will cost \$ 10,384 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
134	R28090 0150	Michael J & Felicia R	Kilger	8625	SE Harney St	Portland	97266
134	R28090 0170	Archie E & Dianne E	Evans	8675	SE Harney St	Portland	97266
134	R28090 0190	Darrell W & Shen A	McCullum	8228	SE 86th Ave	Portland	97266
134	R28090 0210	Edward A	Unbe	8212	SE 86th Ave	Portland	97266
134	R28090 0230	Wade W	Hicks	8144	SE 86th Ave	Portland	97266
134	R28090 0250	Calvin G & Debra A	Perrin	8132	SE 86th Ave	Portland	97266
134	R28090 0270	Donald A & Katherine A	Poczynek	8108	SE 86th Ave	Portland	97266
134	R84960 0120	John C & Carleen M	Spencer	8412	SE 89th Ave	Portland	97266
134	R84960 0140	Candelano & Rosa Viol	Delgado	8424	SE 89th Ave	Portland	97266
134	R84960 0160	Mark A & Dawn M	Filippini	8436	SE 89th Ave	Portland	97266
134	R84960 0120	John C & Carleen M	Spencer	8412	SE 89th Ave	Portland	
134	R84960 0140	Candelano & Rosa Viol	Delgado	8424	SE 89th Ave	Portland	
134	R84960 0160	Mark A & Dawn M	Filippini	8436	SE 89th Ave	Portland	
134	R99220 1210	Cynthia E & Timothy	Towsley	8431	SE 82nd Ave	Portland	97266
134	R99220 1220	Opal	Leigh	8527	SE 82nd Ave	Portland	97266
134	R99220 1240	Opal	Leigh	8449	SE 82nd Ave	Portland	97266
134	R99220 1280	Opal	Leigh	8555	SE 82nd Ave	Portland	97266
134	R99220 1281	ACKERLEY COMMUNICATIONS		8555	SE 82nd Ave	Portland	97266
134	R99220 1290	Enk O	Berglund	8407	SE 82nd Ave	Portland	97266
134	R99221 0370	Carol D	Aho	9034	SE Crystal Springs	Portland	97266
134	R99221 0380	Cheryl D & David C	Polley	9008	SE Crystal Springs	Portland	97266
134	R99221 1840	Mihai & Rodica	Contra	8953	SE Crystal Springs	Portland	97266
134	R99221 1850	Gregory R & Julie A	Mason	8909	SE Crystal Springs	Portland	97266
134	R99221 1900	Tammy	Flinn	8941	SE Crystal Springs	Portland	97266
134	R99221 1910	Carol A	Cross	8901	SE Crystal Springs	Portland	97266
134	R99221 0610	Terry W	Emmert	9151	SE Crystal Springs	Portland	97266
134	R99221 1170	Thomas & Nancy A	OShea	9007	SE Crystal Springs	Portland	97266
134	R99221 1180	Kevin M & Debra J	Cocks	9027	SE Crystal Springs	Portland	97266
134	R99221 1190	Jeffry A	Meinecke	9047	SE Crystal Springs	Portland	97266
134	R99221 1250	Gary L & Diane L	Rosander	8950	SE Crystal Springs	Portland	97266
134	R99221 1310	Robert J & Edythe R	Corbin	8942	SE Crystal Springs	Portland	97266
134	R99221 1320	Steven E & Mary L	Lines	8930	SE Crystal Springs	Portland	97266
134	R99221 1340	Dale R	Dutcher	8120	SE 89th Ave	Portland	97266
134	R99221 1350	William R & Veronica C	Helvie Jr	8222	SE 89th Ave	Portland	97266
134	R39820 1120	Elizabeth	Stone	7115	SE 92nd Ave	Portland	97266
134	R39820 1190	Michael D	Given	9103	SE Knapp St	Portland	97266
134	R39820 1330	Ariene J	Bond	9003	SE Knapp St	Portland	97266
134	P20006 3819	Leah	Lawson	8205	SE Harney St #Sp08	Portland	97266
134	P20006 3819	Leah	Lawson	8205	SE Harney St #Sp08	Portland	97266
134	P20006 6963	Romelda	Williams	8538	SE 82nd Ave #Sp07	Portland	97266
134	P20007 1316	Norman R	Pugh	8538	SE 82nd Ave #Sp05	Portland	97266
134	P20007 8874	Romelda	Williams	8538	SE 82nd Ave #Sp03	Portland	97266
134	P20008 9101	Romelda Joan	Williams	8538	SE 82nd Ave #Sp06	Portland	97266
134	P20009 1820	Henry & Toni	Lopez	8205	SE Harney St #Sp04	Portland	97266
134	P20009 3011	Romelda	Williams	8538	SE 82nd Ave #Sp04	Portland	97266
134	P20009 3216	D Beck To Verify Ex		8205	SE Harney St #Sp02	Portland	97266
134	P20009 5293	Edward	Knakal Jr	8205	SE Harney St #Sp00	Portland	97266
134	P20010 3241	Romelda	Williams	8538	SE 82nd Ave #Sp10	Portland	97266
134	P20010 4433	Thomas L Carolyn S	Ralph	8205	SE Harney St #Sp03	Portland	97266
134	P20010 7269	Buford & Nancy	Johnson Jr	8205	SE Harney St #Sp08	Portland	97266
134	P20010 8946	Larry A & Mervene C	Goebel	8205	SE Harney St #Sp07	Portland	97266
134	P20010 9519	Patricia	Oaks	8205	SE Harney St #Sp11	Portland	97266
134	P20011 6738	Ella M	Gutschow	8205	SE Harney St #Sp88	Portland	97266
134	P20012 8021	Robert Weaver Leslie	Van Skike	8310	SE Sherrett St #Sp0	Portland	97266
134	P20012 8058	Al	Williams	8538	SE 82nd Ave #Sp02	Portland	97266
134	P20013 8574	Curtis R	Frederick	8538	SE 82nd Ave #Sp1	Portland	97266
134	P20016 5674	Joyce J	Allen	8205	SE Harney St #Sp10	Portland	97266
134	P20016 8649	Wilma G	Jennings	8205	SE Harney St #Sp18	Portland	97266
134	P20020 5853	Romelda J	Williams	8538	SE 82nd Ave #Sp11	Portland	97266
134	P20022 7324	Joan Romelda	Williams	8538	SE 82nd Ave #Sp13	Portland	97266
134	R08180 0010	Charles E & Florence V	Scates	8106	SE 82nd Ave	Portland	97266
134	R08180 0050	S J C PROPERTIES INC		8115	SE 82nd Ave	Portland	97266
134	R08180 0390	S J C PROPERTIES INC		8305	SE 82nd Ave	Portland	97266
134	R08180 0670	O K ENTERPRISES		8306	SE 82nd Ave	Portland	97266
134	R20261 1140	Daryl J & Arnold J	Mulick	8107	SE Crystal Springs	Portland	97206

CRANE MERSETH  
ENGINEERING/SURVEYING  
UN SEWERED AREAS

35471

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
134	R29810 0010	Istvan	Bardocz	8415	SE Clatsop St	Portland	97266
134	R29810 0050	Alan D & Ralph-Le	Toelle	8421	SE Clatsop St	Portland	97266
134	R29810 0090	Alexander V & Irena	Kovalev	8404	SE Sherrett St	Portland	97266
134	R29810 0130	Vatslav & Luybov	Dulo	8334	SE Sherrett St	Portland	97266
134	R29810 0170	Lee M	LeMire	8317	SE Clatsop St	Portland	97266
134	R29810 0210	John J	LeMire	8327	SE Clatsop St	Portland	97266
134	R29810 0250	BYZANTINE CATHOLIC MISSIO		8261	SE Clatsop St	Portland	97266
134	R29810 0290	Lee M	LeMire	8252	SE Sherrett St	Portland	97266
134	R29810 0370	Paul M	Schunk	8230	SE Sherrett St	Portland	97266
134	R29810 0410	Schunk Entrprs	Paul	8536	SE 82nd Ave	Portland	97266
134	R29810 0450	Schunk Entrprs	Paul	8225	SE Clatsop St	Portland	97266
134	R29810 0530	Pyotr & Yakatenna	Vlasyuk	8403	SE Sherrett St	Portland	97266
134	R29810 0570	Vernon R	Ward	8408	SE Harney St	Portland	97266
134	R29810 0610	Tony Gia (Lsd Ngoc-Son Tinh-Xa	Hua	8318	SE Harney St	Portland	97266
134	R29810 0690	Tony Gia	Hua	8305	SE Sherrett St	Portland	97266
134	R29810 0730	Thomas M & Denise M	Chambery	8306	SE Harney St	Portland	97266
134	R29810 0770	Gheorghe	Bordas	8250	SE Harney St	Portland	97266
134	R29810 0850	Arden C & Joyce P	Knepper	8400	SE 82nd Ave	Portland	97266
134	R29810 0890	Tony Gia	Hua	8233	SE Sherrett St	Portland	97266
134	R29810 0930	Steven C	Knepper	8231	SE Sherrett St	Portland	97266
134	R29810 0970	Steven Charles	Knepper	8227	SE Sherrett St	Portland	97266
134	R29810 0990	Arden C & Joyce P	Knepper	8227	SE Sherrett St	Portland	97266
134	R29810 1130	Arden C & Joyce P	Knepper	8415	SE Sherrett St	Portland	97266
134	R29810 1131	ACKERLEY COMMUNICATIONS		8415	SE Sherrett St	Portland	97266
134	R64200 0010	Michael T & Judith M	Cousins	8836	SE Harney St	Portland	97266
134	R64200 0050	Charles W & Ramona K	Butler	8431	SE 89th Ave	Portland	97266
134	R64200 0100	Chrstine M	Cody	8453	SE 89th Ave	Portland	97266
134	R64200 0150	Charles James III	Hay	8507	SE 89th Ave	Portland	97266
134	R64200 0180	Wilfred A & Dixie L	Woodruff	8525	SE 89th Ave	Portland	97266
134	R64200 0340	Frank J & Donna M	Barringer	8801	SE Clatsop St	Portland	97266
134	R64200 0550	Robert E & Lucinda E	Lee	8806	SE Harney St	Portland	97266
134	R64200 0620	Peggy J	Knapp	8732	SE Harney St	Portland	97266
134	R64200 0930	Paul I	Thompson	8731	SE Clatsop St	Portland	97266
134	R64200 1010	Simon & Lyubov	Syulyukov	8727	SE Clatsop St	Portland	97266
134	R64200 1170	Howard J & Julia	Furrer	8702	SE Harney St	Portland	97266
134	R64200 1210	Howard J & Julia	Furrer	8702	SE Harney St	Portland	97266
134	R64200 1240	Barry L & Mary C	Hall	8727	SE Harney St	Portland	97266
134	R64200 1280	Leroy A & Joan L	Bradshaw	8733	SE Harney St	Portland	97266
134	R64200 1320	Division	Forty-First	8329	SE 89th Ave	Portland	97266
134	R64200 1370	Division	Forty-First	8329	SE 89th Ave	Portland	97266
134	R64971 3740	Donna M	Henderson	8728	SE Crystal Springs E	Portland	97266
134	R64971 3760	Ryan & Kimberly	Hopper	8720	SE Crystal Springs E	Portland	97266
134	R64971 5780	Arnold & Betty J	Trachsel	6464	SE 134th Ave	Portland	97236
134	R64971 5800	Arnold & Betty J	Trachsel	6470	SE 134th Ave	Portland	97236
134	R64972 4340	Carl F & Thelma I	Werbin	8320	SE 89th Ave	Portland	97266
134	R64972 4360	Darroll W & Renee M	Batke	8340	SE 89th Ave	Portland	97266
134	R64972 9620	Carol	Kondos	8448	SE 89th Ave	Portland	97266
134	R64972 9640	Keith Michael	Crozier	8510	SE 89th Ave	Portland	97266
134	R64973 5480	Elbert H & Geraldine M	Collins	13714	SE Claybourne St	Portland	97236
134	R65660 0010	Dorsey A & Carole A	Johnson	8911	SE Tenino St	Portland	97266
134	R65660 0050	William V & Joy	Rose	8949	SE Tenino St	Portland	97266
134	R65660 0100	Daniel P & Jennifer	Thoemke	9010	SE Tenino St	Portland	97266
134	R65660 0150	Frances L	Vincent	9002	SE Tenino St	Portland	97266
134	R65660 0200	Barbara	Audas	8912	SE Tenino St	Portland	97266
134	R57110 1260	An Hoang & Linda Tao	Truong	8349	SE Clatsop St	Portland	97266
134	R58710 1670	NORTH COAST MANUFACTURI		7200	SE 92nd Ave	Portland	97266
134	R58710 1700	NORTH COAST MANUFACTURI		9335	SE Knapp St	Portland	97266
134	R58710 1710	NORTH COAST MANUFACTURI		7116	SE 92nd Ave	Portland	97266
134	R28090 0010	Robert L & Helen M	Sterling	8105	SE 86th Ave	Portland	97266
134	R28090 0030	Ronald E	Cnsmn	8131	SE 86th Ave	Portland	97266
134	R28090 0050	Larry D & Rosanna M	Jakobson Sr	8143	SE 86th Ave	Portland	97266
134	R28090 0070	Paul A & Margaret	Ernst	8213	SE 86th Ave	Portland	97266
134	R28090 0090	Paul A & Margaret L	Ernst	8229	SE 86th Ave	Portland	97266
134	R28090 0110	Leonard E & Ruth E	Boerger	8543	SE Harney St	Portland	97266
134	R28090 0130	Loma E	Spangenberg	8557	SE Harney St	Portland	97266



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

AREA	PARCEL	OWNER FIRST NAME	LAST NAME	SITE	ADDRESS	CITY	ZIP
134	R20261 1230	Daryl J & Arnold J	Mulick	8055	SE Crystal Springs	Portland	97206
134	R20261 1290	Steven G & Brenda Y	Rogers	8033	SE Crystal Springs	Portland	97206
134	R20261 1350	Anton & Iva	Skoro	8005	SE Crystal Springs	Portland	97206
134	R20261 4390	Family Trust	Dodge	8644	SE Lambert St	Portland	97266
134	R20261 5050	John D & Fnedra M	Berry	8405	SE Harney St	Portland	97266
134	R20261 5170	R		8333	SE Harney St	Portland	97266
134	R20261 5370	John D & Fnedra	Berry	8439	SE Harney St	Portland	97266
134	R20261 5400	Russell W & Helen M	Ball	8501	SE Harney St	Portland	97266
134	R20261 5590	Gary A & Mary L	Anderson	8455	SE Harney St	Portland	97266
134	R20261 5610	John E & Mildred C	More	8636	SE Harney St	Portland	97266
134	R20261 5700	Thomas M	Cleaver	8615	SE Clatsop St	Portland	97266
134	R20261 5750	Thomas M	Cleaver	8606	SE Harney St	Portland	97266
134	R20261 5800	Thomas M	Cleaver	8540	SE Harney St	Portland	97266
134	R20261 5850	Stanley D	Labonte	8625	SE Clatsop St	Portland	97266
134	R20261 5870	Donald L & Edith	Brown	8645	SE Clatsop St	Portland	97266
134	R20261 5890	Michael S	Dotson	8500	SE Sherrett St	Portland	97266
134	R20261 5930	Leo R	Hopman	8517	SE Clatsop St	Portland	97266
134	R20261 5940	Stanford	Cutts	8435	SE Clatsop St	Portland	97266
134	R20261 5960	Donita V	Strnke	8450	SE Harney St	Portland	97266
134	R20261 5990	Vernon R & Kathleen M	Cnsler	8605	SE Clatsop St	Portland	97266
134	R20261 6020	Debra L	Bowe	8434	SE Harney St	Portland	97266
134	R20261 6040	Juanita C	Mullins	8530	SE Harney St	Portland	97266
134	R20261 6050	William	Young	8516	SE Harney St	Portland	97266
134	R20261 6080	Arnold R & Kathryn D	Schmidt	8503	SE Clatsop St	Portland	97266
134	R20261 6095	Charles W & June E	Bigsby Jr	8435	SE Sherrett St	Portland	97266
134	R20261 6100	Michael S	Dotson	8500	SE Sherrett St	Portland	97266
134	R20261 6120	Lee M	LeMire	8433	SE Clatsop St	Portland	97266
134	R20261 6130	Clara C	Osgood	8703	SE Harney St	Portland	97266
134	R20261 6150	Dean R	Bartholomew	8722	SE Crystal Springs	Portland	97266
134	R20261 6230	Dennis V	Harns	8123	SE 89th Ave	Portland	97266
134	R20261 6250	Edward A & Lorr A	Moore	8816	SE Crystal Springs	Portland	97266
134	R20261 6270	Craig D	Gleason	8135	SE 89th Ave	Portland	97266
134	R20261 6300	Floyd A	Hicks	8201	SE 89th Ave	Portland	97266
134	R20261 6430	Robert Len	Hayes	8715	SE Crystal Springs	Portland	97266
134	R20261 6590	Khonsavanh	Sangasy	8809	SE Crystal Springs	Portland	97266
134	R20261 6630	Thomas B	Flynn	8729	SE Crystal Springs	Portland	97266
134	R23600 0990	Jason D	Forman	8715	SE Lambert St	Portland	97266
134	R23600 1070	Robert C & Karen J	Archer	8609	SE Lambert St	Portland	97266
134	R23600 0770	William W & Deryl R	Howard	8821	SE Lambert St	Portland	97266



ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	9300 LF	\$ 25 00 LF	\$ 232,500 00
6" ASTM C-14, CL 3 CSP	1875 LF	\$ 22 00 LF	\$ 41,250 00
6"X8" TEE, ASTM C-14, CL 3	125 EA	\$ 100 00 EA	\$ 12 500 00
48" STD PRECAST MH	32 EA	\$ 1,800 00 EA	\$ 57 600 00
48" STD PRECAST MH, OVER 8'	0 LF	\$ 200 00 LF	\$ -
8" CONNECTION TO EXISTING MH	33 EA	\$ 600 00 EA	\$ 19,800 00
8" CONNECTION TO EXISTING PIPE	1 EA	\$ 400 00 EA	\$ 400 00
COMMON TRENCH EXC & NATIVE BACKFILL	9482 CY	\$ 15 00 CY	\$ 142,229 17
CSP PIPE BEDDING CLASS "C"	2845 CY	\$ 25 00 CY	\$ 71,114 58
IMP GRANULAR BACKFILL	6637 CY	\$ 10 00 CY	\$ 66,373 61
AC PAVEMENT REPLACEMENT 2" THICK	2817 SY	\$ 20 00 SY	\$ 56,333 33
ROCK SURFACING	139 CY	\$ 20 00 CY	\$ 2,772 22
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	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 702,872.92</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 984,022.08</b>
EXISTING HOMES SERVED	119 EA		
VACANT LOTS SERVED	6 EA		
TOTAL SERVICES	125 EA		
TOTAL COST PER SERVICE			<b>\$ 7,872.18</b>

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

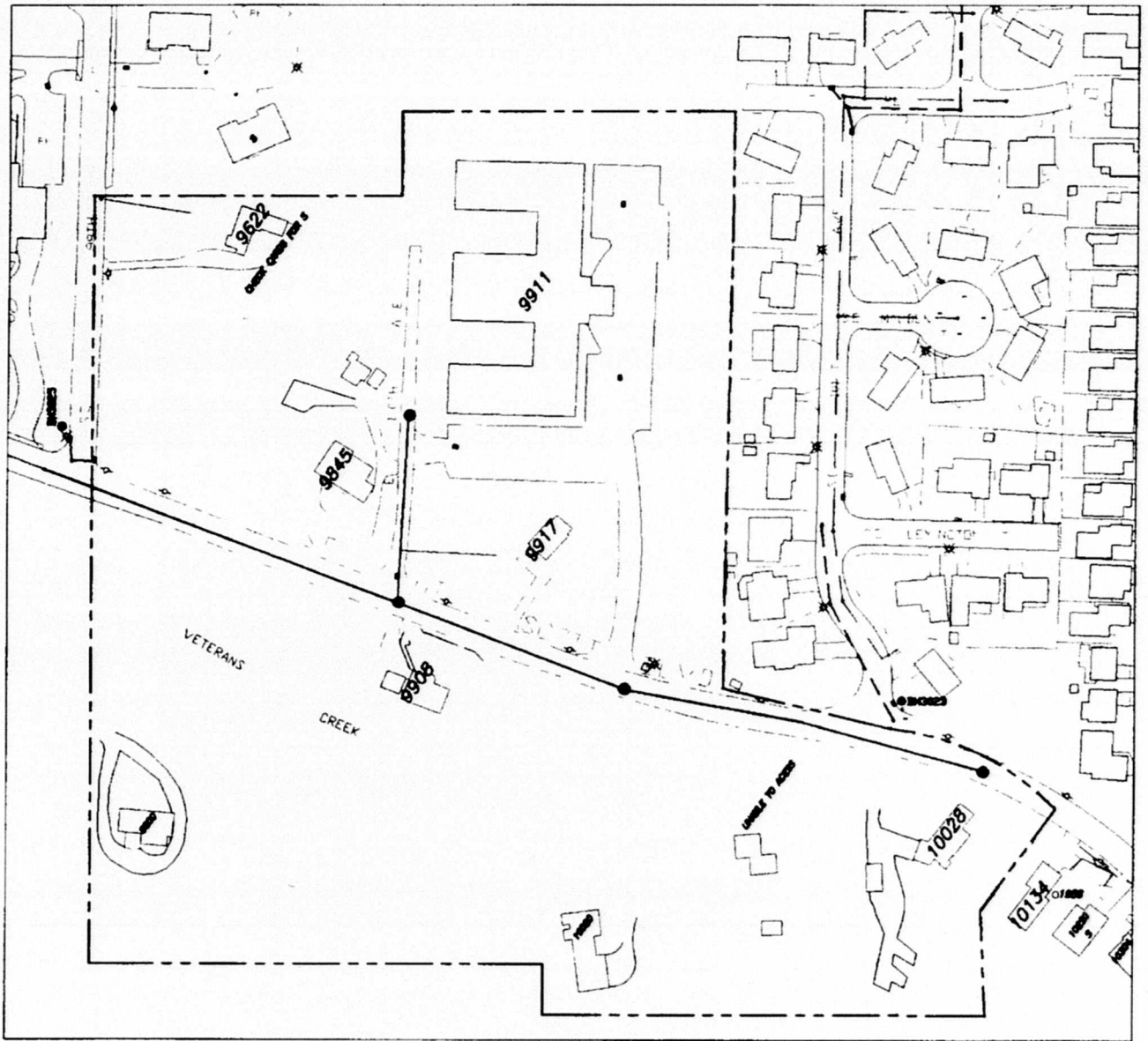
Project Area Number

**134**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>5</b>
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	<b>5</b>
<b>II Implementation</b>		
1 Is the project in a CSO impact area?	Yes      No <b>X</b>	
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	<b>1</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>3</b>
<b>III Project Costs</b>		
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	<b>5</b>

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

35471



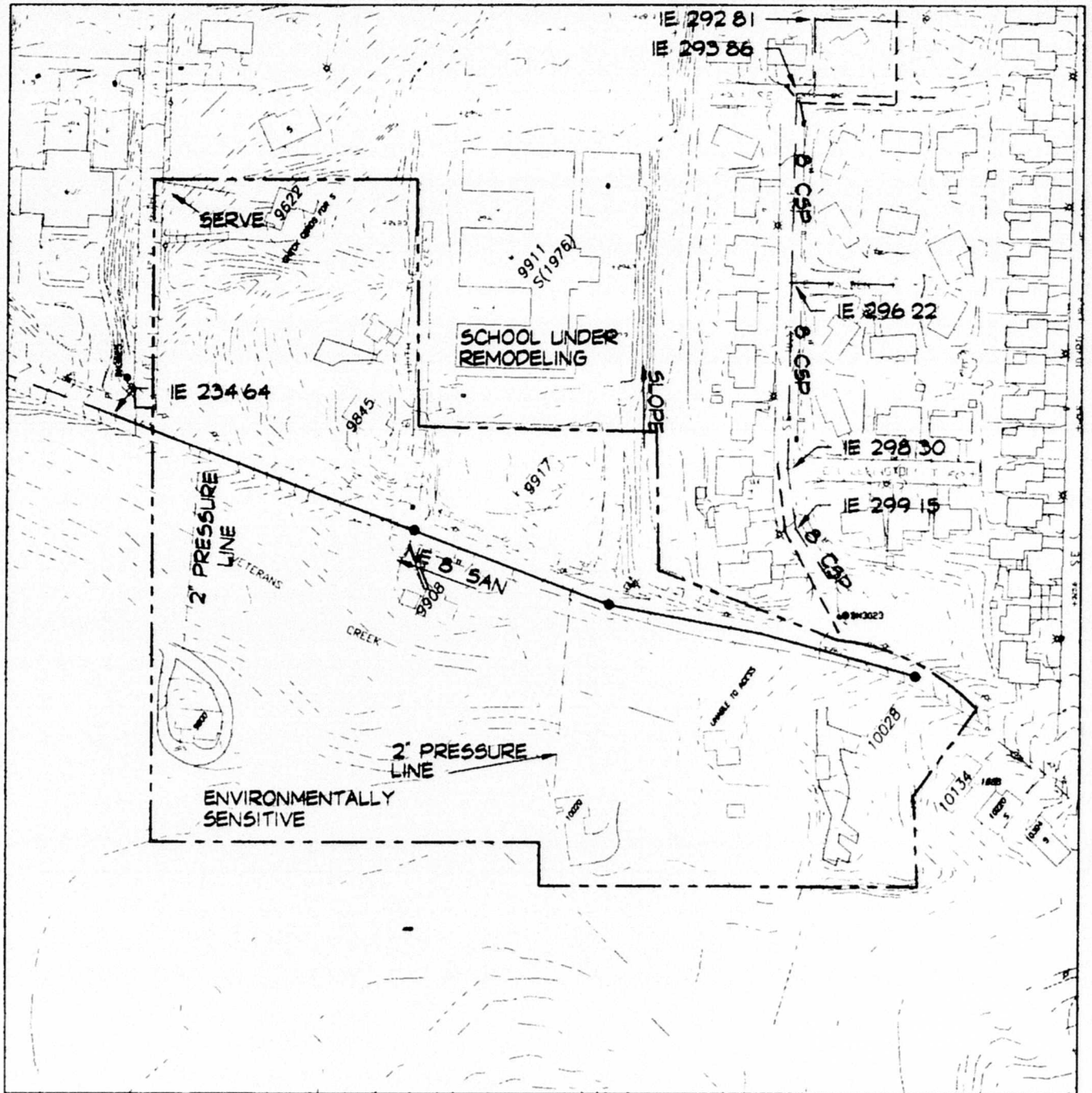
NEIGHBORHOOD  
QUARTER SECTION  
LOCATION:

LENTS  
3840,3841  
MT SCOTT BLVD

CONTRIBUTES TO CS0?

NO

AREA NO. 135



**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 135



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

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AREA NO 135

NEIGHBORHOOD Lents

LOCATION SE Mt Scott Blvd  
of SE 98th Avenue

QUARTER SECTION 3840 & 3841

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**Project Description:**

This project will provide sanitary sewer service to 8 homes, a public school and a total area of about 15 acres. The line will connect to the existing sewer system on Mt Scott Blvd just west of SE 98th Avenue and will extend 1160 feet east on Mt Scott Blvd to its terminus. The school and any other property north of Mt Scott Blvd will be served by a line extension north on SE 98th Avenue. This line will extend north about 200 feet to an easement where it will turn east a distance of about 380 feet to the school.

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 37 priority project. No records on septic systems in this area were available in the city records.

**Project Cost:**

Construction of this project will be about \$ 134,000. This includes provision of service lines to the edge of the property of each of the 8 homes and the school.

On average this project will cost \$ 14,860 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
135	R99221 1780	ROSEMONT SCHOOL INC		9911	SE Mount Scott Blvd	Portland	97266
135	R99221 1790	RAINIER MORTGAGE COMPAN		9917	SE Mount Scott Blvd	Portland	97266
135	R99221 0400	Nancy A	Clint	10028	SE Mount Scott Blvd	Portland	97266
135	R99221 0410	Ronald E & Betty L	Chrstensen	10020	SE Mount Scott Blvd	Portland	97266
135	R99221 0420	Greg C & Pamela I	Best	9908	SE Mount Scott Blvd	Portland	97266
135	R99221 0600	Melvin W & Edith R	Hotchkuss	9800	SE Mount Scott Blvd	Portland	97266
135	R99221 1140	Joseph F	Bieker	9845	SE Mount Scott Blvd	Portland	97266

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	1200 LF	\$ 25 00 LF	\$ 30,000 00
6" ASTM C-14, CL 3 CSP	126 LF	\$ 22 00 LF	\$ 2,772 00
6"X8" TEE, ASTM C-14, CL 3	7 EA	\$ 100 00 EA	\$ 700 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	2 EA	\$ 600 00 EA	\$ 1,200 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	1148 CY	\$ 15 00 CY	\$ 17,225 00
CSP PIPE BEDDING CLASS "C"	345 CY	\$ 25 00 CY	\$ 8,612 50
IMP GRANULAR BACKFILL	804 CY	\$ 10 00 CY	\$ 8,038 33
AC PAVEMENT REPLACEMENT 2" THICK	435 SY	\$ 20 00 SY	\$ 8 700 00
ROCK SURFACING	0 CY	\$ 20 00 CY	\$ -
CONCRETE CURB REPLACEMENT	21 LF	\$ 20 00 LF	\$ 420 00
SIDEWALK REPLACEMENT	0 SF	\$ 50 00 SF	\$ -
SUMP REPLACEMENT	0 EA	\$ 10,000 00 EA	\$ -
RECONSTRUCT EXIST INLET	0 EA	\$ 500 00 EA	\$ -
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 83,067.83</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 116,294 97</b>
EXISTING HOMES SERVED	7 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	7 EA		
TOTAL COST PER SERVICE			<b>\$ 16,613.57</b>

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

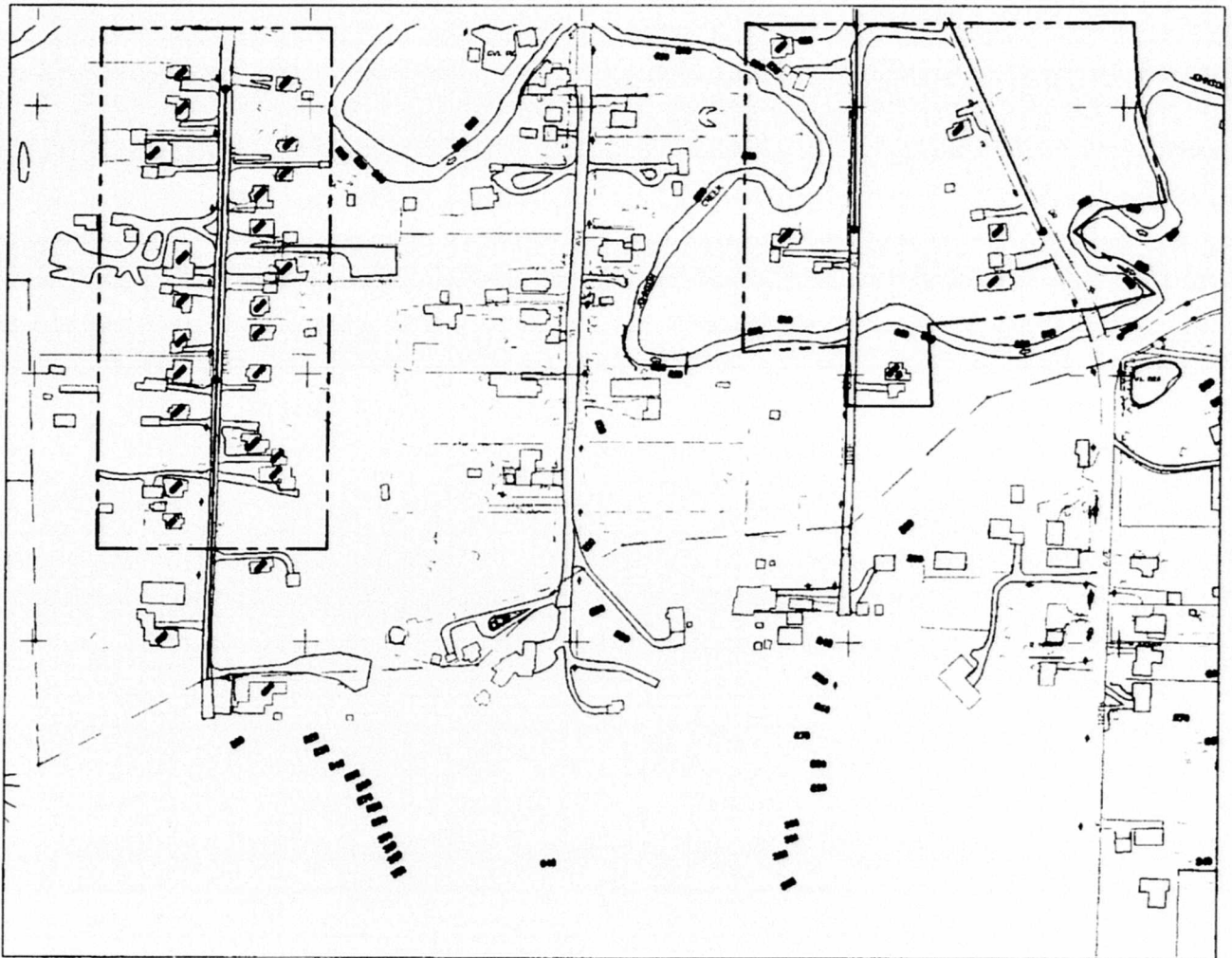
**135**

CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>5</b>
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	<b>5</b>
<b>II Implementation</b>		
1 Is the project in a CSO impact area?	Yes      No <b>x</b>	
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	<b>1</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>3</b>
<b>III Project Costs</b>		
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	<b>2</b>

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



35471



NEIGHBORHOOD

LENTS

QUARTER SECTION

3741

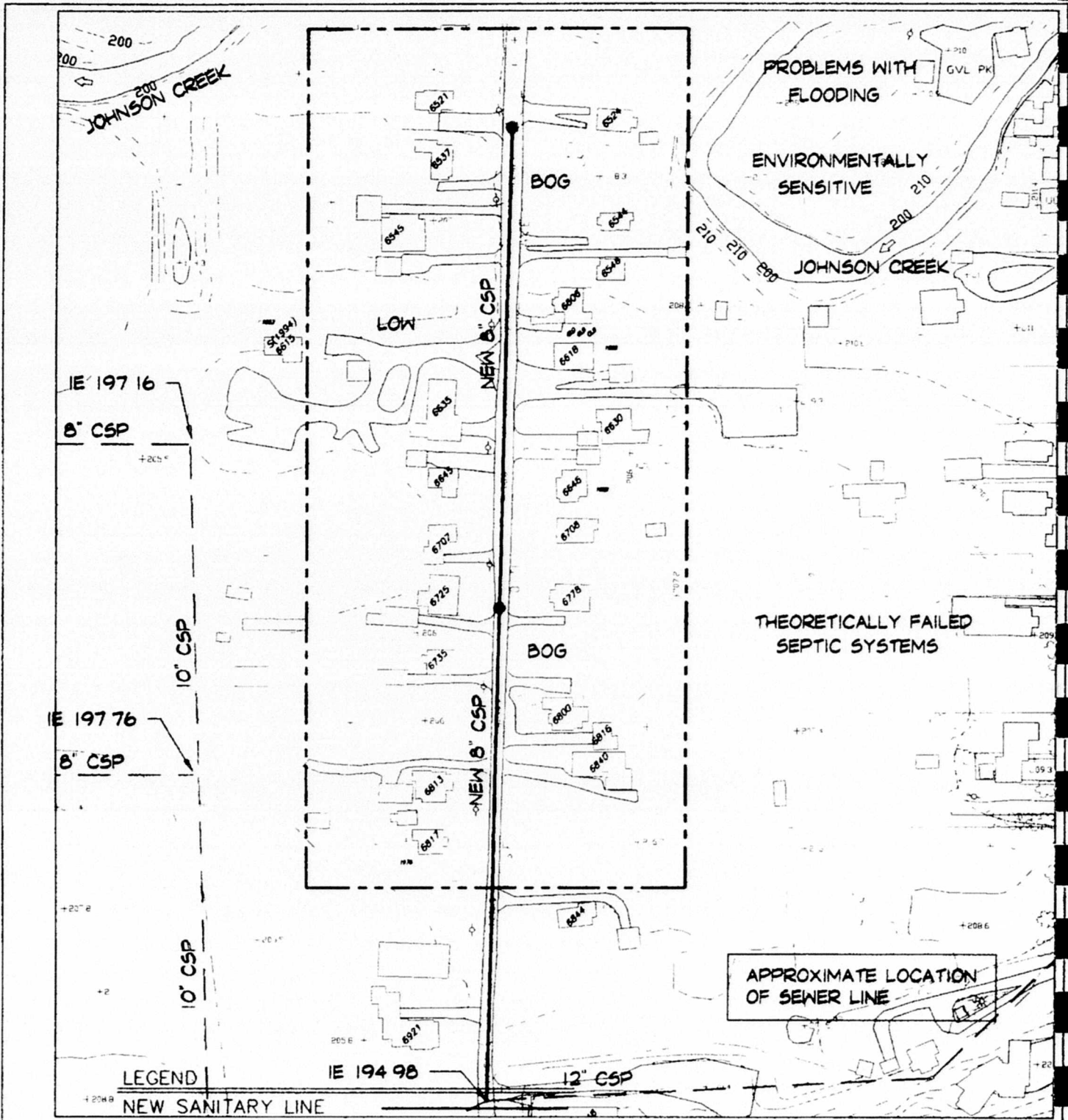
LOCATION:

SE 106th, SE 100th  
FOSTER, DUKE - JOHNSON CK

CONTRIBUTES TO CSO?

NO

AREA NO. 136



**LEGEND**

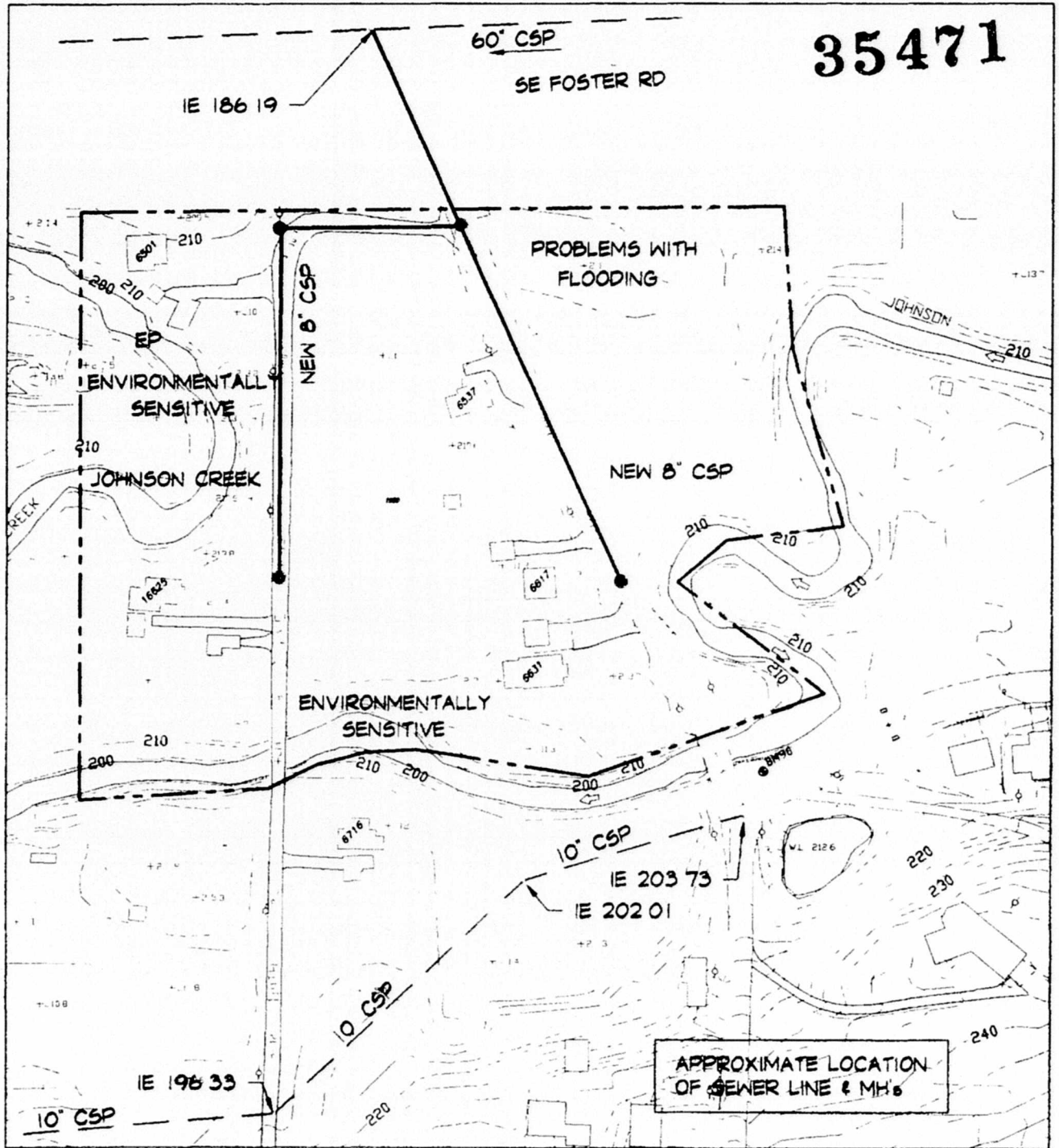
- NEW SANITARY LINE ————
- EXISTING SANITARY LINE - - - - -
- EXISTING STORM LINE - - - - -
- EXISTING WATER LINE - - - - -
- BOUNDARY LINE - - - - -
- FENCE LINE - - - - -
- LOT LINES - - - - -
- EXISTING MANHOLE ○
- NEW MANHOLE ●

B - BASEMENT  
S - SEWER CONNECTED



SCALE 1"=150'  
AREA 136 A

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 136 B

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

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AREA NO 136A & B

NEIGHBORHOOD Lents

LOCATION SE 106th Avenue  
south of Johnson Creek

QUARTER SECTION 3741

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**Project Description:**

Area 136A

This project will provide sanitary sewer service to 22 homes and 2 vacant lots along SE 106th Avenue. The project area is located in an environmentally sensitive area with several low-lying, wet areas. A design and construction project may require special permits from the Planning Bureau. Service to this project area will be provided through a connection to the existing 12-inch sewerline south of the area and extend for a distance of 1125 feet in the SE 106 Avenue right-of-way.

Records of septic system construction are not available in the public files however, reports of failing septic systems have been made. This area is also prone to flooding of Johnson Creek, a situation that could cause improperly treated sewage to reach surface waters.

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

Area 136B

This project area is a generally flat, flood plain area north of Johnson Creek near SE 110th Avenue. Five homes in the area currently use septic systems for wastewater treatment. New sewers will provide sanitary sewer service to these homes and the nearby undeveloped properties.

**Priority Ranking:**

Review of the existing septic system conditions and the age of the existing systems place this project as the 67th priority project. Due to the environmentally sensitive nature of the project area, additional costs are added to the project cost estimate and higher points for environmental concerns given to the point total for priority rating.



**Project Cost:**

Construction of this project will be about \$ 174,451 This includes provision of service lines to the edge of each property In all, 27 homes will receive sewage service connections to the public system

On average this project will cost \$ 6424 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
136	R99222 0090	Joseph & Sarafina M	Mantia	6502	SE 110th Ave	Portland	97266
136	R99222 0120	David J	Manny	6625	SE 110th Ave	Portland	97266
136	R99222 0440	David J	Manny	6716	SE 110th Ave	Portland	97266
136	R99222 0500	Jerry W & Kimberly R	King	6646	SE 106th Ave	Portland	97266
136	R99222 0520	Darlene G	Esters	6501	SE 110th Ave	Portland	97266
136	R99222 0530	M E	Schiewe	6537	SE 110th Ave	Portland	97266
136	R99222 0540	Leland G & Peggy	Gade	6545	SE 106th Ave	Portland	97266
136	R99222 0580	Brent	Hoffer	6708	SE 106th Ave	Portland	97266
136	R99222 0590	Richard F & Judith A	Hifts	6722	SE 106th Ave	Portland	97266
136	R99222 0600	J Gladys	Barger	6813	SE 106th Ave	Portland	97266
136	R99222 0640	Lonnie	Castagnano	6544	SE 106th Ave	Portland	97266
136	R99222 0650	Jack N	Kight	6546	SE 106th Ave	Portland	97266
136	R99222 0660	Edward L	Fitzgerald	6810	SE 106th Ave	Portland	97266
136	R99222 0670	Gary L & Jolene S	King	6845	SE 106th Ave	Portland	97266
136	R99222 0700	Jerry D & Patricia M	Depaul	6800	SE 106th Ave	Portland	97266
136	R99222 0710	David W	Parker	6521	SE 106th Ave	Portland	97266
136	R99222 0810	Randy	Jones	6537	SE 106th Ave	Portland	97266
136	R99222 0820	Edna A	Evans	6524	SE 106th Ave	Portland	97266
136	R99222 0830	Charles N & Vicki L	Glasco Jr	6615	SE 106th Ave	Portland	97266
136	R99222 0840	Charles N & Vicki L	Glasco Jr	6635	SE 106th Ave	Portland	97266
136	R99222 0850	Thuralene A	Cook	6645	SE 106th Ave	Portland	97266
136	R99222 0860	Jerry W & Gary L	King	6707	SE 106th Ave	Portland	97266
136	R99222 0870	Anita J	Waltos	6735	SE 106th Ave	Portland	97266
136	R99222 0880	Albion J	Anderson Jr	6844	SE 106th Ave	Portland	97266
136	R99222 1030	Michael D	Bogart	6606	SE 106th Ave	Portland	97266
136	R99222 1070	Dean L & Colette D	Erckson	6725	SE 106th Ave	Portland	97266
136	R99222 1080	Tim & Lon	Pottratz	6630	SE 106th Ave	Portland	97266
136	R99222 1150	Joseph & Serafina M	Mantia	6514	SE 110th Ave	Portland	97266
136	R99222 1360	Joseph W	Barry	6618	SE 106th Ave	Portland	97266
136	R99222 2300	Lora L & Ricky D	Martin	6817	SE 106th Ave	Portland	97266

ITEMS OF WORK & MAT'LS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
8" ASTM C-14, CL 3 CSP	1450 LF	\$ 25 00 LF	\$ 36,250 00
6" ASTM C-14, CL 3 CSP	540 LF	\$ 22 00 LF	\$ 11,880 00
6"X8" TEE, ASTM C-14, CL 3	27 EA	\$ 100 00 EA	\$ 2,700 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	2 EA	\$ 600 00 EA	\$ 1,200 00
8" CONNECTION TO EXISTING PIPE	0 EA	\$ 400 00 EA	\$ -
COMMON TRENCH EXC & NATIVE BACKFILL	1639 CY	\$ 15 00 CY	\$ 24,583 33
CSP PIPE BEDDING CLASS "C"	492 CY	\$ 25 00 CY	\$ 12,291 67
IMP GRANULAR BACKFILL	1147 CY	\$ 10 00 CY	\$ 11,472 22
AC PAVEMENT REPLACEMENT 2" THICK	611 SY	\$ 20 00 SY	\$ 12,216 67
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
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 123,893.89</b>
<b>TOTAL PROJECT COST</b>			<b>\$ 173,451.44</b>
EXISTING HOMES SERVED	27 EA		
VACANT LOTS SERVED	0 EA		
TOTAL SERVICES	27 EA		
TOTAL COST PER SERVICE			<b>\$ 6,424.13</b>

COST ESTIMATES

PRIORITY RATING

Sewer Extension Master Plan

Priority Criteria and Scoring

Project Area Number

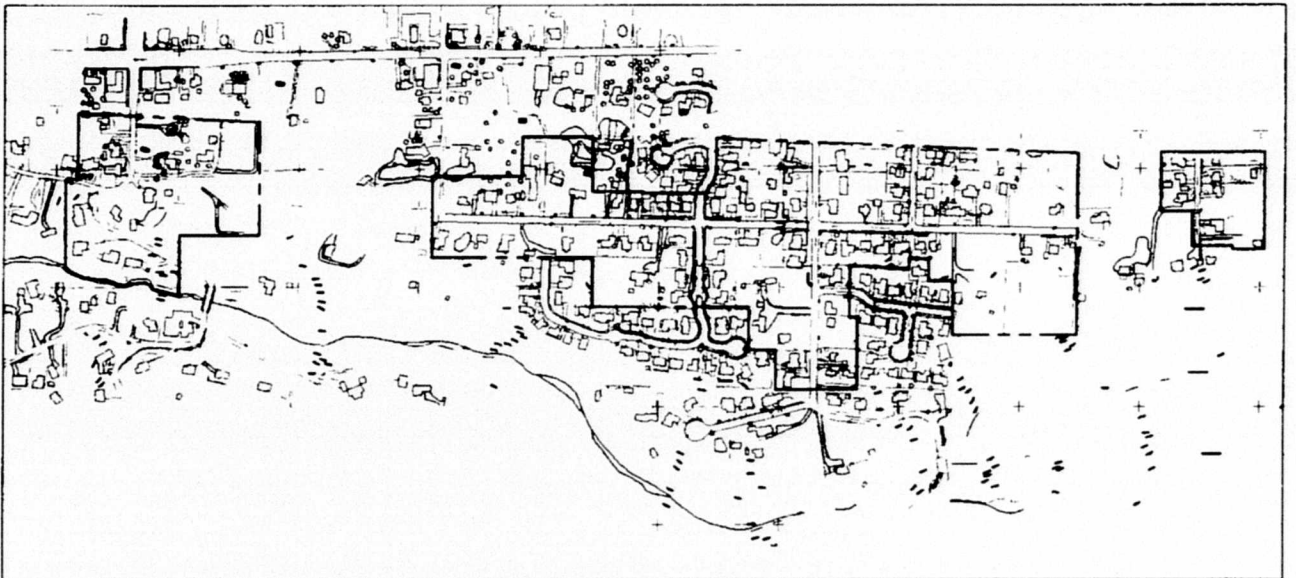
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CRITERIA	GUIDELINES	SCORE
<b>I Public Health</b>		
1 Does the area have any record of septic system failure or public health problems?	0 = None 10 = Many, well documented 5 = No Record	<b>0</b>
2 How many septic systems have been replaced? None 25 Percent 50 Percent >50 percent No records exist	0 points 4 points 7 points 9 points 5 points	<b>0</b>
<b>II Implementation</b>		
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	<b>1</b>
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	<b>0</b>
4 Will the project impact any environmental zones during construction?	yes - 3 points no - 8 points	<b>3</b>
<b>III Project Costs</b>		
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	<b>8</b>

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

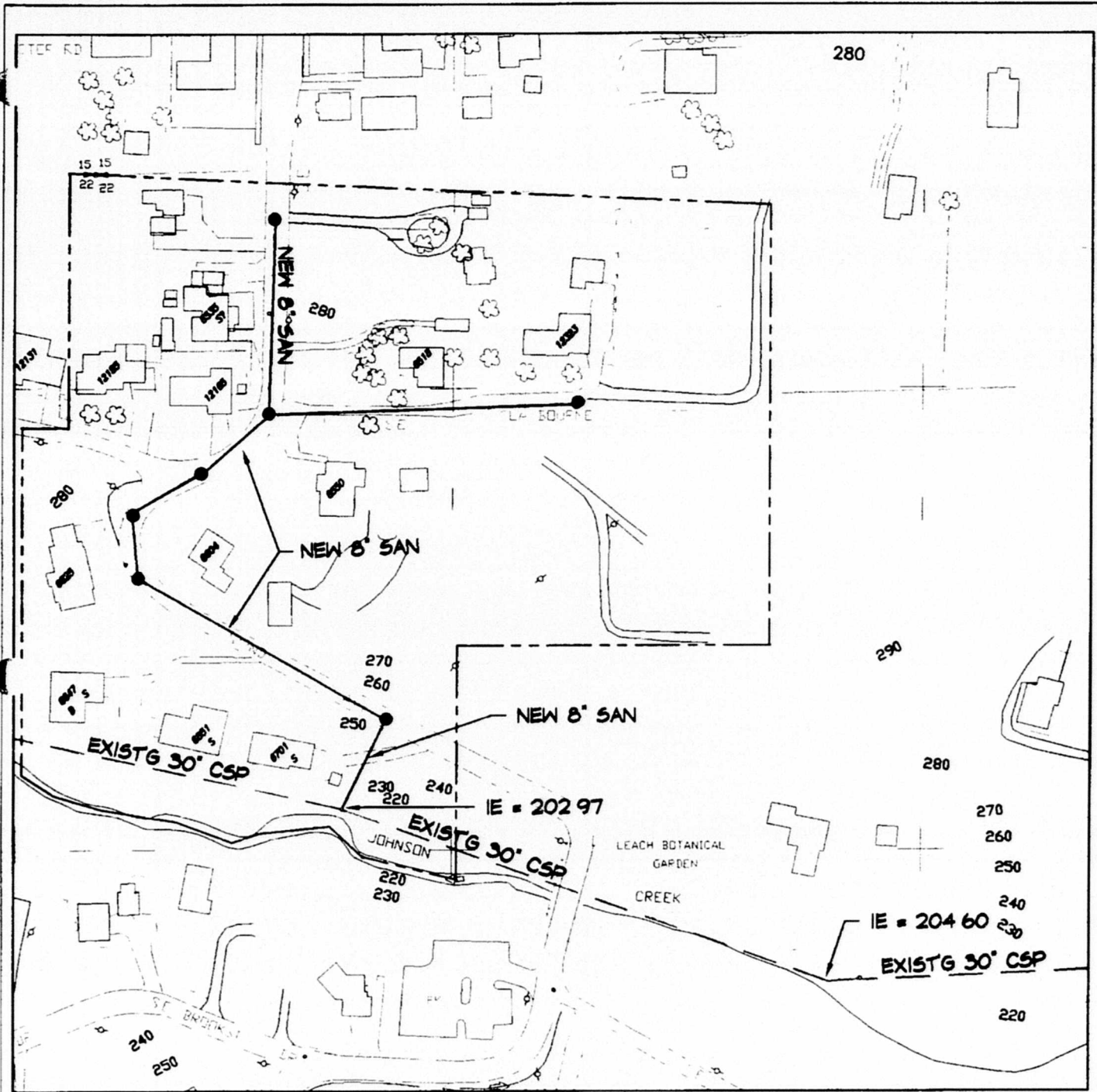


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NEIGHBORHOOD	PLEASANT VALLEY
QUARTER SECTION	3742,3743,3744,3643
LOCATION	SE FLAVEL, DEARBORN, CLAYBORN
CONTRIBUTES TO CSO?	NO

AREA NO. 137



**LEGEND**

NEW SANITARY LINE	=====
EXISTING SANITARY LINE	-----
EXISTING STORM LINE	- - - - -
EXISTING WATER LINE	_____
BOUNDARY LINE	-----
FENCE LINE	-----
LOT LINES	-----

B - BASEMENT  
S - SEWER CONNECTED



SCALE: 1"=150'