

**PROJECT P21120 CENTENNIAL, 5TH, & 28TH  
MANHOLE SURFACE REPAIR**

REQUEST FOR QUOTE TO REPAIR 15 MANHOLE FRAME AND LID ASSEMBLIES.  
REMOVE EXISTING FRAME, LID, AND GRADE RINGS AND REPLACE WITH NEW  
FRAME AND LID AS SHOWN IN DRAWINGS COS STANDARD DRAWING 4-1A.

**City of Springfield**

**PUBLIC WORKS / ENGINEERING**

225 FIFTH STREET, SPRINGFIELD, OR 97477  
PHONE (541) 726-3753 FAX (541) 736-1021  
INTERNET www.ci.springfield-or.gov

**SHEET  
1**

No.	Revision/Issue	Date

**NOTE:**

UTILITY LOCATIONS ARE APPROXIMATE  
DO NOT  
SCALE OR LOCATE UTILITY LINES OR MAINS  
FROM THESE DRAWINGS  
CALL FOR UTILITY LOCATES  
1-800-332-2344

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THESE PLANS MAY NOT SHOW ALL UTILITIES OR  
THE CORRECT LOCATIONS.



**MANHOLE #1**

LOCATED ON CENTENNIAL BLVD AT ADDRESS 1259. (SOUTH SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
 CONSTRUCT NEW FRAME & LID SUPPORT SEE STANDARD DRAWING 4-1A.

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## MANHOLE #2

*LOCATED ON CENTENNIAL BLVD AT 10TH ST. (NORTH SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
 CONSTRUCT NEW FRAME & LID SUPPORT SEE STANDARD DRAWING 4-1A.*

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**SHEET**  
**3**



### MANHOLE #3

LOCATED ON CENTENNIAL BLVD AT 8TH ST. (NORTH SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
 CONSTRUCT NEW FRAME & LID SUPPORT SEE STANDARD DRAWING 4-1A.

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SHEET  
**4**



### MANHOLE #4

LOCATED ON CENTENNIAL BLVD AT LAURA ST. (NORTH SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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**MANHOLE #5**

LOCATED ON CENTENNIAL BLVD AT KELLY BLVD. (NORTH SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
 CONSTRUCT NEW FRAME & LID SUPPORT SEE STANDARD DRAWING 4-1A.

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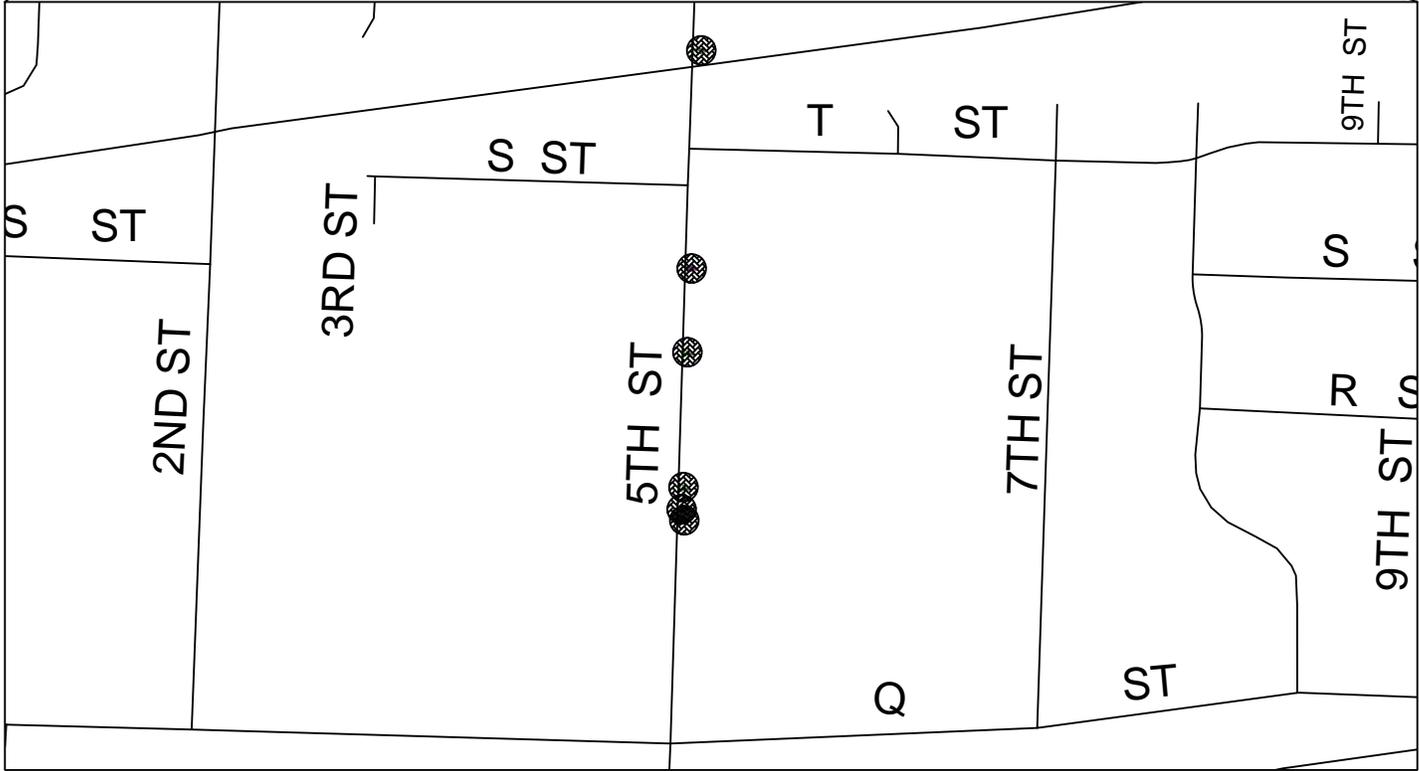
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### MANHOLE #6

LOCATED ON 5TH ST AT ADDRESS 1866 1/2. (EAST SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
 CONSTRUCT NEW FRAME & LID SUPPORT SEE STANDARD DRAWING 4-1A.

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### MANHOLE #7

LOCATED ON 5TH ST AT ADDRESS 1914. (EAST SIDE)

CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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### MANHOLE #8

LOCATED ON 5TH ST AT ADDRESS 1914. (EAST SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
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**SHEET  
 10**



### MANHOLE #9

LOCATED ON 5TH ST AT ADDRESS 1960. (EAST SIDE)

CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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**MANHOLE #10**

LOCATED ON 5TH ST AT ADDRESS 1975. (EAST SIDE)

CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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### MANHOLE #11

LOCATED ON 5TH ST AT ADDRESS 2080. (EAST SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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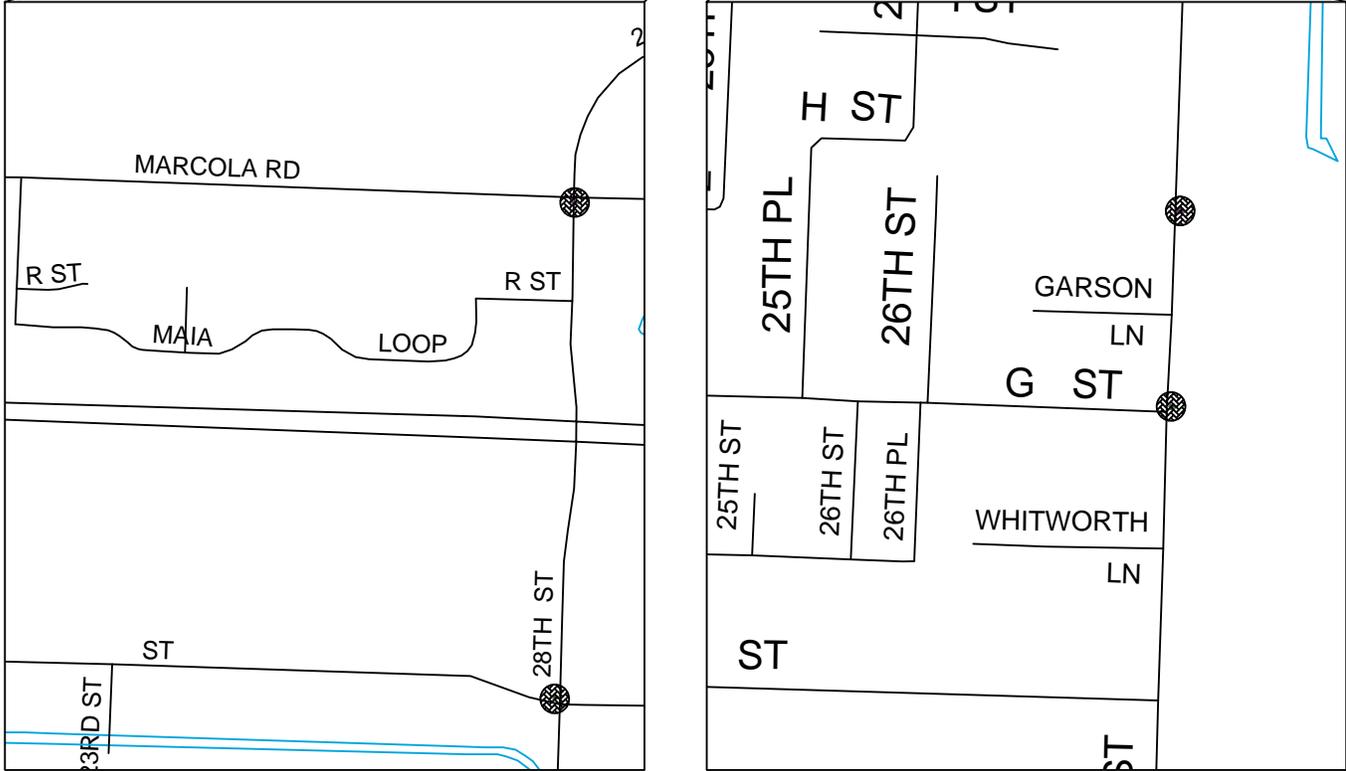
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**SHEET  
14**

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## MANHOLE #12

*LOCATED ON 28TJ ST AT G ST. (EAST SIDE)*

*CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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**SHEET**  
**15**



### MANHOLE #13

LOCATED ON 28TH ST AT ADDRESS 945. (EAST SIDE)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
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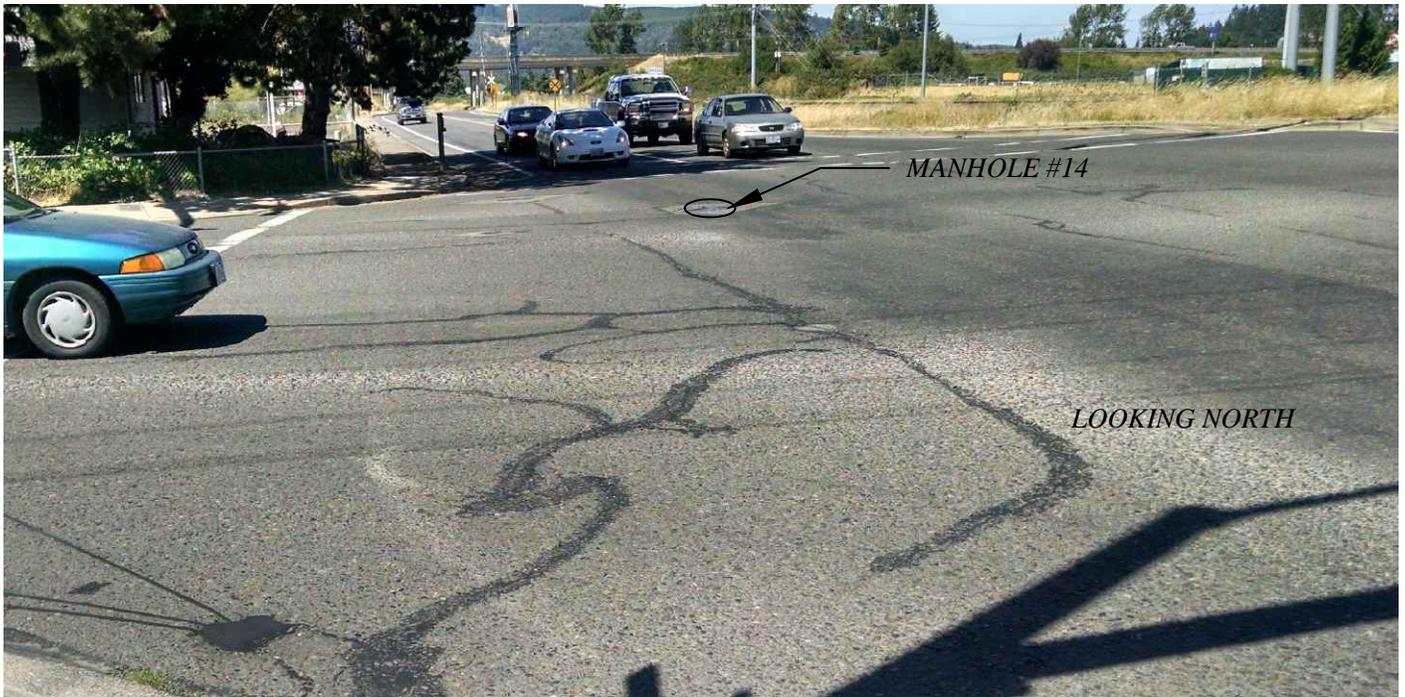
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**SHEET  
 16**



**MANHOLE #14**

LOCATED ON 28TH ST AT OLYMPIC ST. (INTERSECTION)  
 CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
 SALVAGE FRAME & LID IF POSSIBLE GIVE TO SPRINGFIELD OPERATIONS DEPT.  
 CONSTRUCT NEW FRAME & LID SUPPORT SEE STANDARD DRAWING 4-1A.

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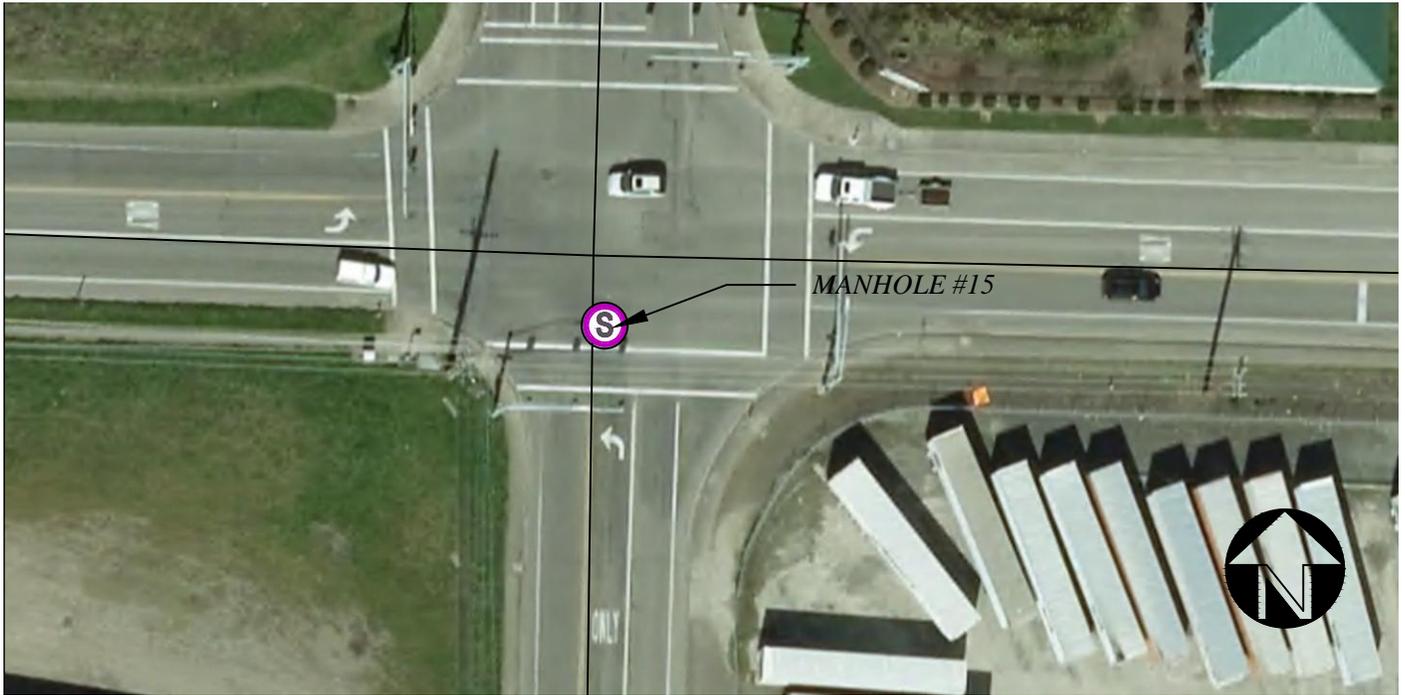
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**MANHOLE #15**

LOCATED ON MARCOLA RD AT 28TH ST. (INTERSECTION)

CIRCLE CUT AT MANHOLE. REMOVE A.C. FRAME & LID AND GRADE RINGS.  
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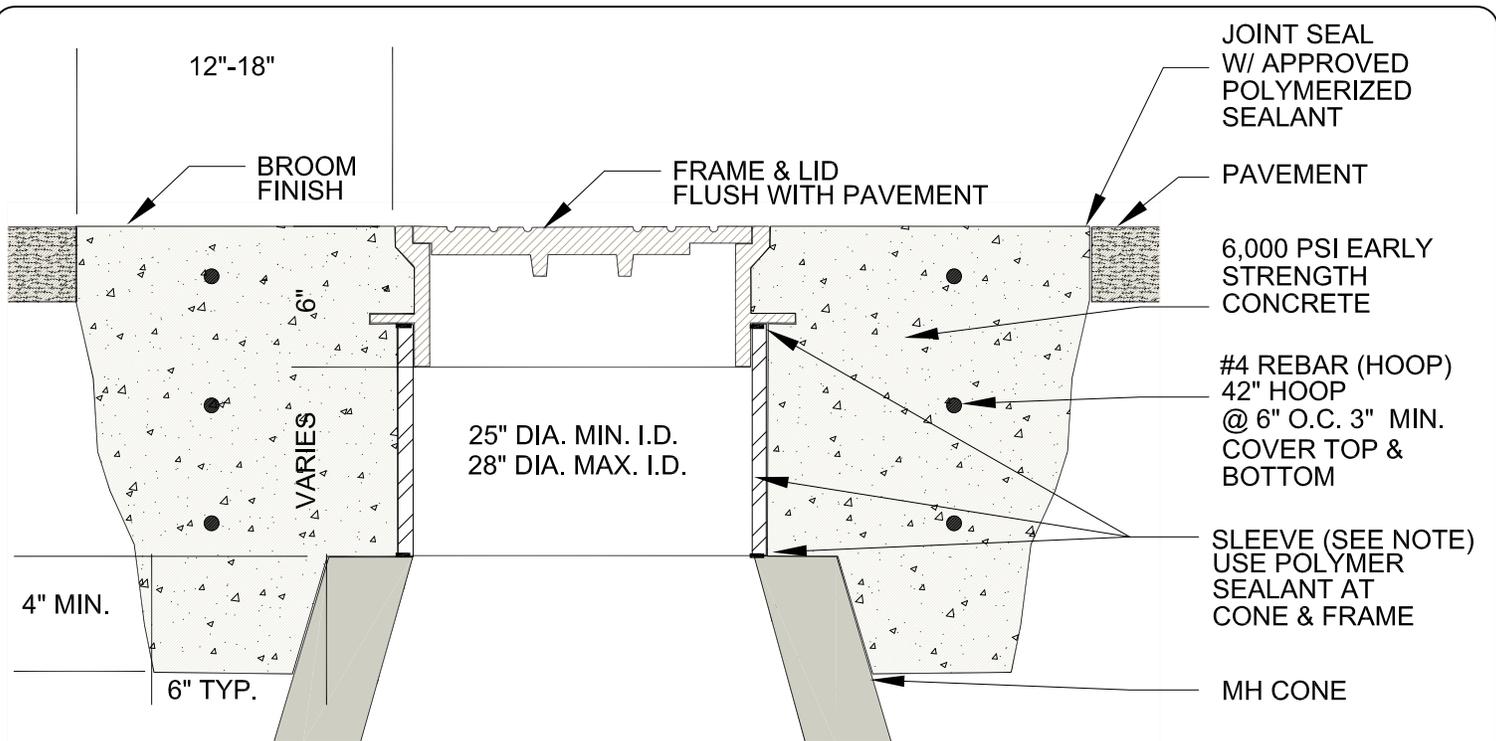
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18**

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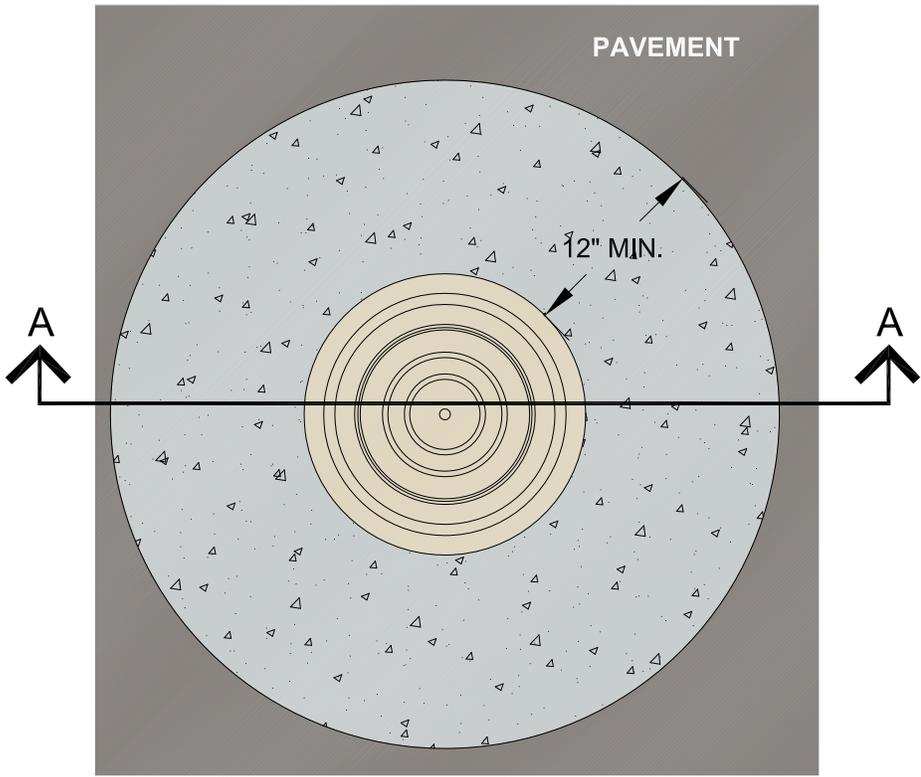
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**SECTION A-A**

**NOTE:**  
 CUT ROUND HOLE IN PAVEMENT.  
 PLACE MANHOLE COVER AND FRAME AT FINISH GRADE.  
 PRESS PVC AND FRAME INTO MH CONE TO SEAT.  
 FRAME AND COVER:  
 INLAND FOUNDRY CO. OR EQUAL  
 FRAME.....NO. 802  
 COVER .....NO. 802-2  
 SLEEVE: USE APPROVED POLYMER SEALANT MATERIAL. PREFERRED 27" PVC, HDPE, OR OTHER AS APPROVED BY ENGINEER.



**PLAN VIEW**

NO	REVISION	DATE	BY	APPR.
1				



*STANDARD MANHOLE  
 FRAME AND COVER ADJUSTMENT*  
 Ken Vogeney  
 City Engineer  
 12/18/14  
 2008

STANDARD  
 DRAWING  
 4-1A

# NOTES:

1. PLACE INLET/CATCH BASIN PROTECTION AT EXISTING FIXTURES (SEE DETAIL ON SHEET E2.)

# GENERAL NOTES:

1. CONCRETE WASHOUTS ARE NOT PROVIDED ON THIS PROJECT
2. SAW CUTTING SLURRY IS TO BE VACUMED
3. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) OR SEVEN DAYS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30) SHALL BE IMMEDIATELY STABILIZED WITH AN APPROVED ESC METHOD (SEEDING & MULCHING WITH STRAW, BARK, COMPOST, OR PLASTIC COVERING, ETC.).

# EROSION CONTROL STANDARD NOTES:

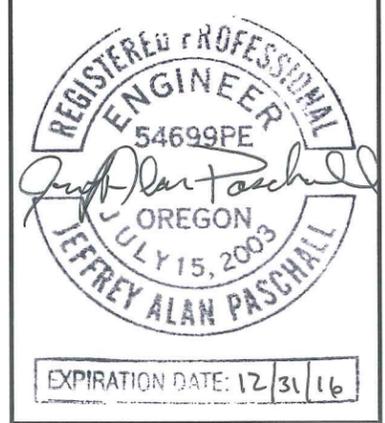
- |  |   |
|--|---|
| <p>A. Approval of this Erosion and Sedimentation Control Plan (ESCP) does not constitute an approval of permanent road or drainage design (e.g., size and location of roads, pipes, restrictors, channels, retention facilities, utilities, etc.).</p> <p>B. Approval of this ESCP does not relieve the permit holder and or the contractor from all other permitting requirements. Prior to beginning construction activities, all other necessary approvals shall be obtained.</p> <p>C. An inspection of the erosion control measures by City LDAP staff is required prior to any ground disturbance on the site.</p> <p>D. The erosion and sediment control measures shown on the plan are the minimum requirements for anticipated site conditions. During the construction period, these measures shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water does not leave the site.</p> <p>E. The implementation of the ESCP and the construction, maintenance, replacement, and upgrading of the erosion and sediment control measures is the responsibility of the permit holder and or the contractor until all construction is completed and accepted by the City and vegetation/landscaping is established per the required warranty period.</p> <p>F. In the event the ESC facilities identified on the ESCP are not functioning properly, the contractor is responsible for immediately implementing changes to the ESCP as directed by the ESCP engineer or his inspector. The engineer, his inspector or the City may stop all construction activity on site until the erosion problem is corrected and all ESC facilities are functioning properly. If the contractor does not immediately implement changes to the ESCP identified by the ESCP engineer or his inspector, the City may implement the necessary changes and require payment from the contractor prior to project acceptance by the City.</p> <p>G. The boundaries of the clearing limits shown on this plan shall be clearly flagged in the field by the engineer prior to construction. During the construction period, no disturbance beyond the flagged clearing limits shall be permitted. The flagging shall be maintained by the permit holder and or the contractor for the duration of construction.</p> <p>H. The erosion and sediment control measures on active sites shall be inspected and maintained daily and within the 24 hours after any storm event of greater than 0.5 inches of rain per 24 hour period. Measures shall be inspected by the permit holder and or the contractor after each rainfall and at least daily during prolonged rainfall. Any required repairs or adjustments shall be made immediately. The erosion and sediment control measures on inactive sites shall be inspected a minimum of once every two (2) weeks or within 48 hours following a storm event. Written records shall be kept of weekly reviews of the ESC facilities during the wet season (October 1 to April 30) and of monthly reviews during the dry season (May 1 to September 30).</p> <p>I. All erosion and sediment control measures shall be protected from damage at all times. Control measures shall remain in place until permanent or temporary re-vegetation has been stabilized. Any measure that is damaged or destroyed shall be repaired or replaced immediately.</p> | <p>J. Any areas of exposed soils, including roadway embankments, that will not be disturbed for two days during the wet season (October 1 to April 30) or seven days during the dry season (May 1 to September 30) shall be immediately stabilized with an approved ESC method (seeding &amp; mulching with straw, bark, compost, or plastic covering, etc.).</p> <p>K. A supply of materials necessary to meet compliance and implement the LDAP or other best management erosion practices under all weather conditions shall be maintained at all times on the construction site.</p> <p>L. No hazardous substances, such as paints, thinners, fuels and other chemicals shall be released onto the site, adjacent properties, or into water features, the City's storm water system, or related natural resources.</p> <p>M. Street sweeping shall be performed as needed or when directed by the City inspector to ensure public right-of-ways are kept clean and free of debris. Street flushing is prohibited.</p> <p>N. When trucking saturated soils from the site, either water-tight trucks shall be used or loads shall be drained on site until dripping has been reduced to no more than one gallon per hour. Sediment laden water will not be allowed to enter the storm water system</p> <p>O. Extracted ground water from excavated trenches shall be disposed of in a suitable manner without damage to adjacent property, public storm water system, water features, and related natural resources. Approval of a dewatering system does not guarantee that it will meet compliance or be acceptable for use in all situations. Modifications to the dewatering system will be required if compliance can not be met. At no time will sediment laden water be allowed to leave the construction site.</p> <p>P. At no time shall more than one foot of sediment be allowed to accumulate within a catch basin. All catch basins and conveyance lines shall be cleaned prior to paving. The cleaning operation shall not flush sediment laden water into the downstream system.</p> <p>Q. Any required stabilized construction entrances and roads shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures, such as wash pads, may be required to ensure that all paved areas are kept clean for the duration of the project.</p> <p>R. Any permanent flow control facility used as a temporary settling basin shall be modified with the necessary erosion control measures and shall provide adequate storage capacity.</p> <p>S. Where straw mulch for temporary erosion control is required, it shall be applied at a minimum thickness of two to three inches.</p> <p>T. In preparation of the wet season, all disturbed areas shall be reviewed to identify which ones can be seeded in preparation for the winter rains. A sketch map of those areas to be seeded and those areas to remain uncovered shall be submitted to the City by September 15. The City can require seeding of additional areas in order to protect surface waters, adjacent properties, or drainage facilities. Disturbed areas identified for seeding shall be seeded prior to the beginning of the wet season (October 1).</p> |
|--|---|

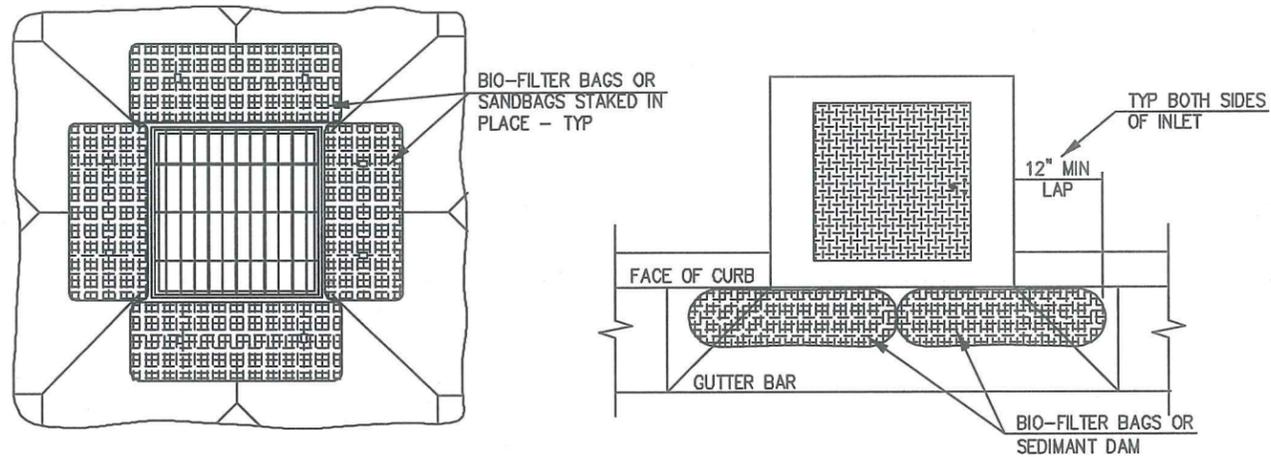
Rev.	Revised/Issue	Date

**NOTE:**  
 UTILITY LOCATIONS ARE APPROXIMATE  
**DO NOT**  
 SCALE OR LOCATE UTILITY LINES OR MAINS  
 FROM THESE DRAWINGS  
 CALL FOR UTILITY LOCATES  
 811 or (1-800-332-2344)  
 THE CONTRACTOR SHALL BE RESPONSIBLE  
 FOR DETERMINING UTILITY LOCATIONS PRIOR TO  
 BEGINNING OF CONSTRUCTION.  
 THESE PLANS MAY NOT SHOW ALL UTILITIES OR  
 THE CORRECT LOCATIONS.

PROJECT NO: P41031  
 48TH ST. PED CROSSING

*City of Springfield*  
**PUBLIC WORKS / ENGINEERING**  
 225 FIFTH STREET, SPRINGFIELD, OR 97477  
 PHONE (541) 726-5733 FAX (541) 736-1021  
 INTERNET www.cityofspringfield.or.us





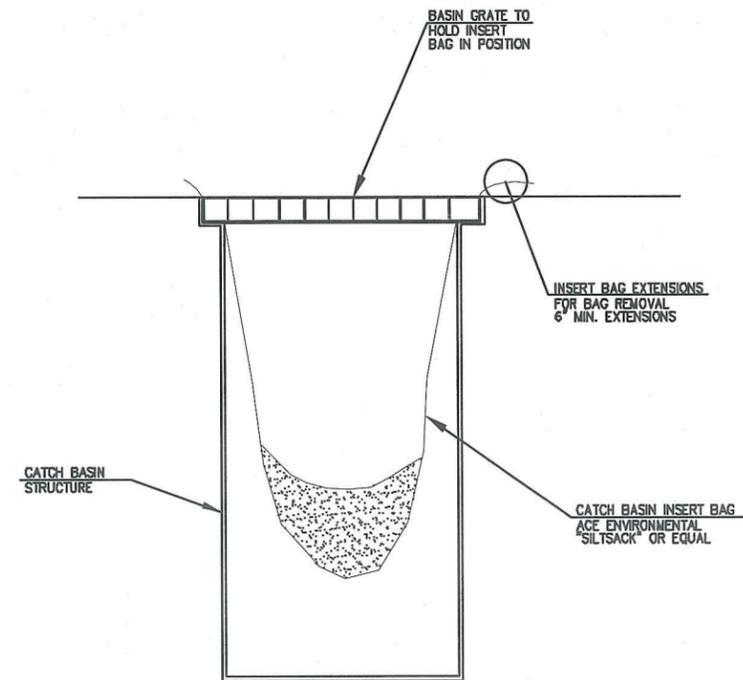
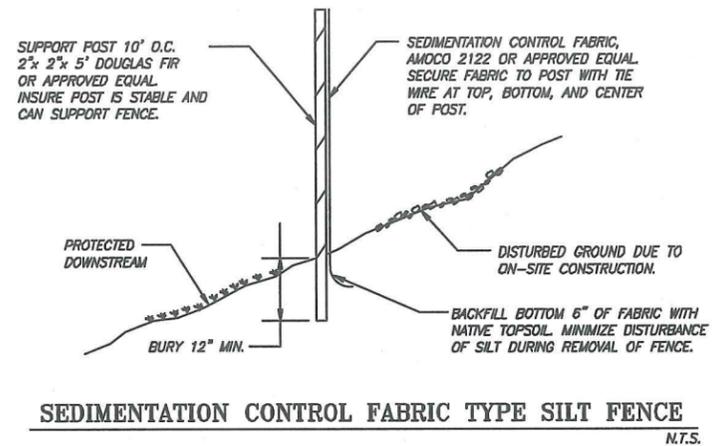
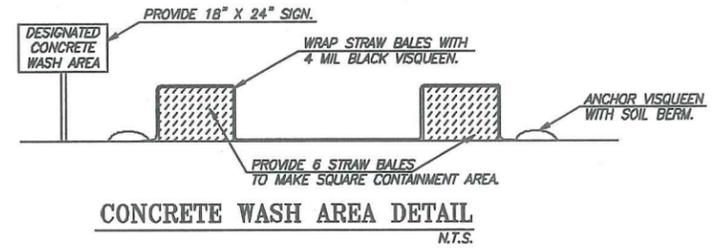
**NOTES**

1. PRIOR TO 1st PAVEMENT LIFT, REMOVE BIO-BAG/SANDBAG BARRIERS AND INSTALL BASIN INSERT BAG OR CURB INLET SEDIMENT DAM AT ALL INLET STRUCTURES.

**1 DRAINAGE INLET STRUCTURE PROTECTION**  
NO SCALE



**INLET PROTECTION**



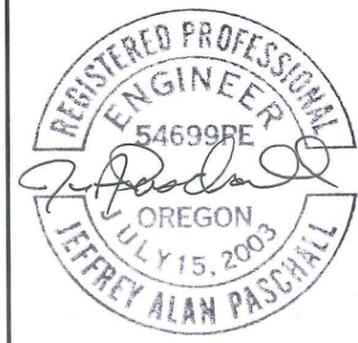
**1 CATCH BASIN INSERT BAG**  
NO SCALE

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EXPIRATION DATE: 12/31/16