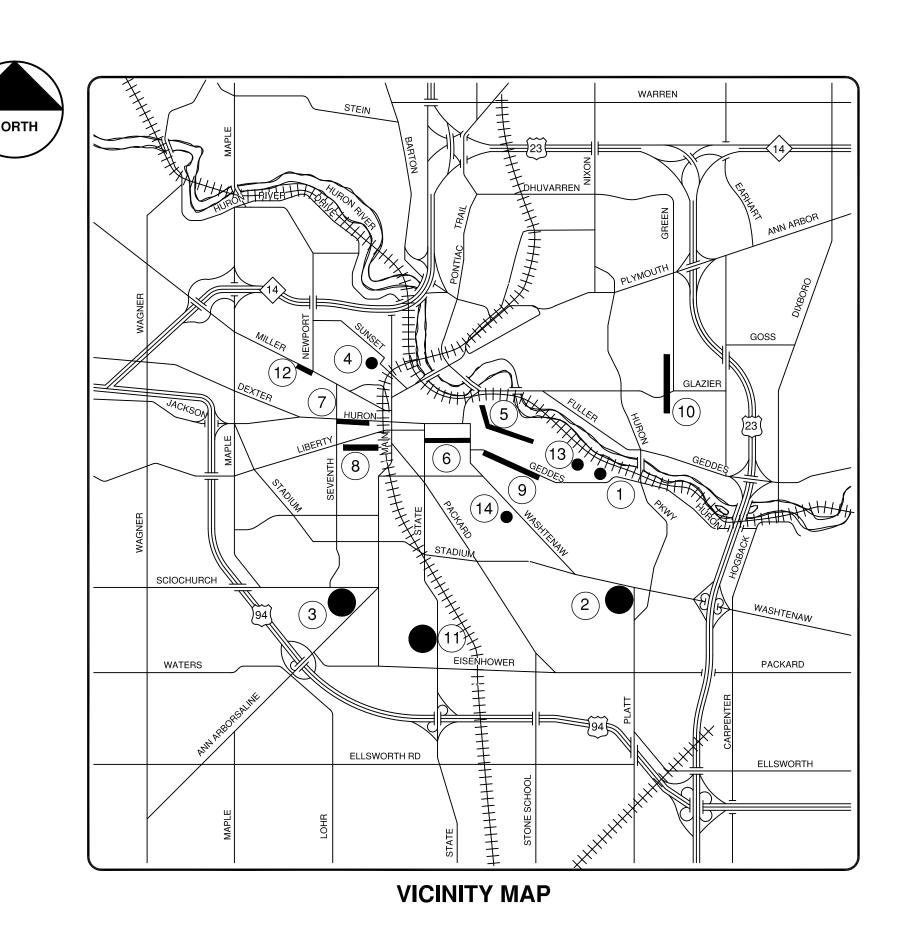


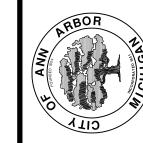
CITY OF ANN ARBOR PROJECT MANAGEMENT

2014 SEWER LINING PROJECT

BID No. 4322, FILE No. 2013019

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WER LINING PROJECT; BID

NICHOLAS HUTCHINSON

PROJECT MANAGEMENT SERVICE UNIT

NICHOLAS HUTCHINSON, P.E. - MI LICENSE No. 46789 **CITY ENGINEER**

03/31/2014

PREPARED UNDER THE SUPERVISION OF

DAVID ARTHUR DYKMAN, P.E. - MI LICENSE No. 52912 PROJECT MANAGER

03/31/2014

GENERAL NOTES:

- 1. PROFILE IS BEST INFORMATION AVAILABLE. CONTRACTORS IS RESPONSIBLE TO VERIFY PIPE CONDITION AND LOCATION.
- 2. THE CITY MUST APPROVE THE BYPASS FLOW PLAN BEFORE ANY CONSTRUCTION MAY BEGIN.
- 3. ALL ACTIVE SERVICE LEADS MUST BE CUT OPEN ON THE SAME DAY THE PIPE IS LINED. ABANDONED LEADS SHALL NOT BE OPENED.
- 4. INLET FILTERS SHALL BE PLACED ON THE INLETS PRIOR TO ANY OPEN-CUT EXCAVATIONS OR DELIVERY OF SAND AND AGGREGATE.
- 5. TRAFFIC CONTROL QUANTITIES ARE NOT PAID FOR EACH SITE, BUT ARE PAID FOR THE PROJECT IN ITS ENTIRETY. ADDITIONAL DEVICES ABOVE THE CONTRACT QUANTITY WILL NOT BE PAID WITHOUT PRIOR APPROVAL OF THE ENGINEER. CONES ARE INCLUDED IN MINOR TRAFFIC CONTROL, AND WILL NOT BE PAID FOR SEPARATELY.
- 6. ALL NO PARKING SIGNS SHALL BE 12" x 12" R8-3A SYMBOLIC SIGNS WITH THE SYMBOLIC "TOW AWAY ZONE", A 12" \times 6" R7-201A SIGN. THESE SIGNS WILL BE TREATED NO DIFFERENTLY FROM OTHER CONSTRUCTION SIGNS FOR THIS PROJECT.

PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY
LANE CLOSURE PERMIT	CITY OF ANN ARBOR PROJECT MANAGEMENT UNIT
"NO PARKING" SIGNS PERMIT	CITY OF ANN ARBOR PROJECT MANAGEMENT UNIT
GRADING/SOIL EROSION & SEDIMENTATION CONTROL PERMIT	CITY OF ANN ARBOR CUSTOMER SERVICE
RIGHT-OF-WAY PERMIT	CITY OF ANN ARBOR CUSTOMER SERVICE
* NO COST TO	CONTRACTOR

PERMITS REQUIRED TO BE OBTAINED BY THE CITY OF ANN ARBOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY
M.D.E.Q. WATER MAIN CONSTRUCTION PERMIT	MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
M.D.E.Q. SANITARY SEWER CONSTRUCTION PERMIT	MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

CONTACT INFORMATION

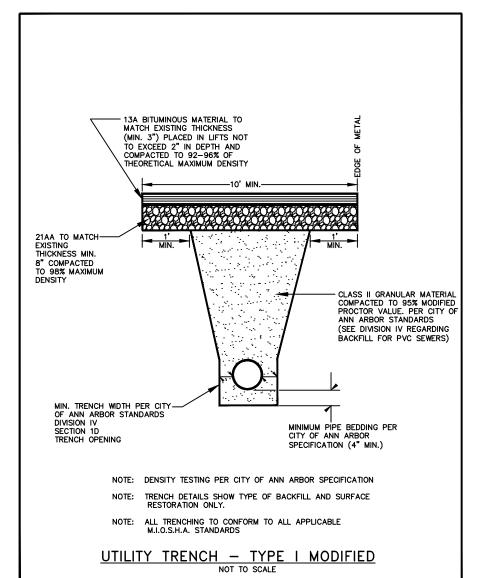
PUBLIC UTILITIES	OWNER	CONTACT
WATER		DAN WOODEN (734) 794-6350
SANITARY	CITY OF ANN ARBOR	MARK COZART (734) 794-6350
STORM	FIELD OPERATIONS SERVICE UNIT W.R. WHEELER SERVICE CENTER	KEVIN ERNST (734) 794-6350
FORESTRY	4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	BILL MEEKS (734) 794-6350
SIGNS SIGNALS STREET LIGHTS		СНИСК FOJTIК (734) 794—6361
PRIVATE UTILITIES	OWNER	CONTACT
GAS	DTE ENERGY 17150 ALLEN ROAD MELVINDALE, MI 48122	JAY WILLIAMS (313) 380-7303
ELECTRIC	DTE ENERGY WESTERN WAYNE SERVICE CENTER 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	CLAY COMBEE (734) 397-4112
CABLE	COMCAST 27800 FRANLKIN ROAD SOUTHFIELD, MI 48034	RON SUTHERLAND (313) 999-8300
PHONE	AT&T 550 S. MAPLE ROAD ANN ARBOR, MI 48103	(734) 996–2135
FIBER OPTIC	MCI 2800 N. GLENFILLE ROAD RICHARDSON, TX 75082	DEAN BOYERS (972) 729-6016

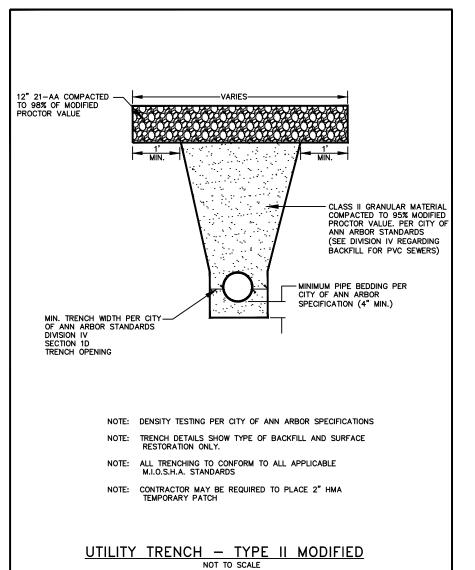
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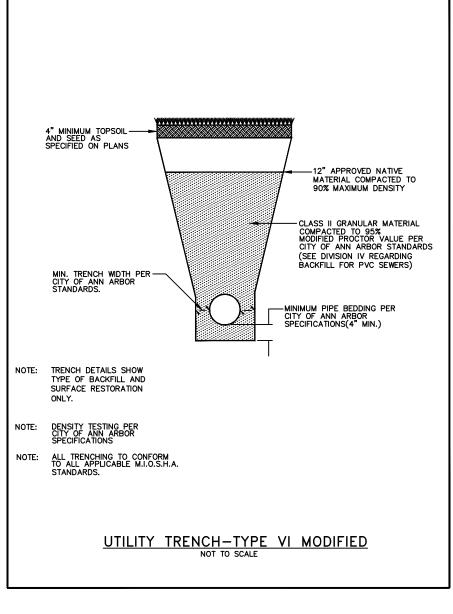


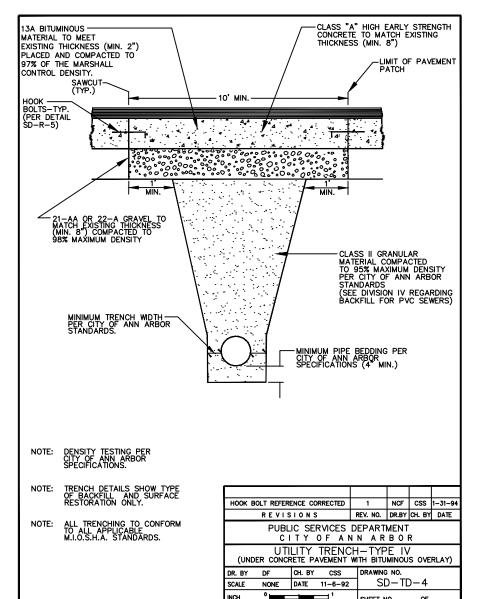
PROJECT MANAGEMENT - PUBLIC SERVICES - CITY OF ANN ARBC

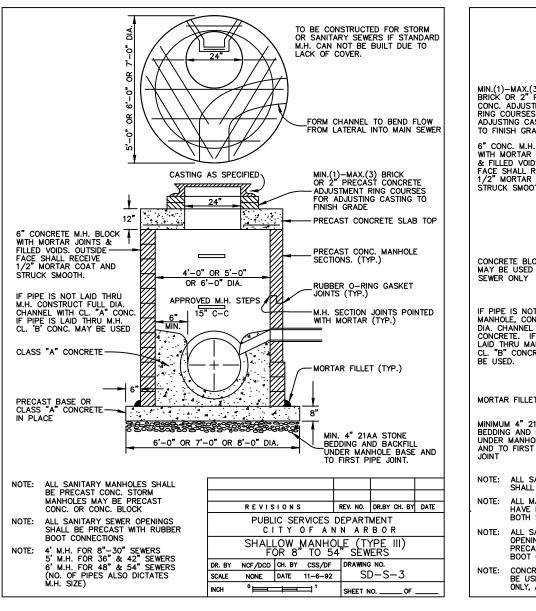
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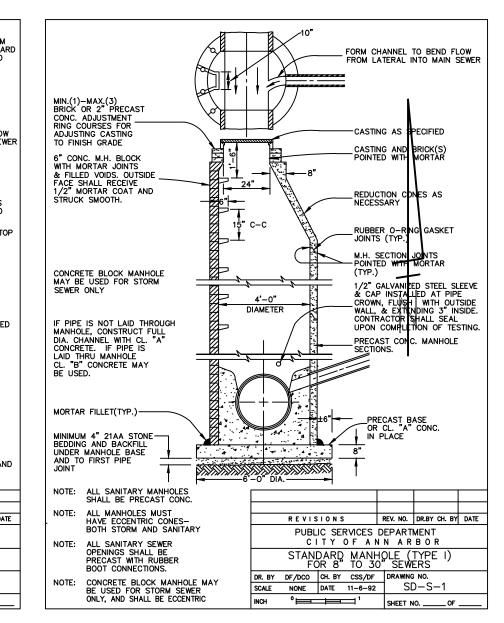


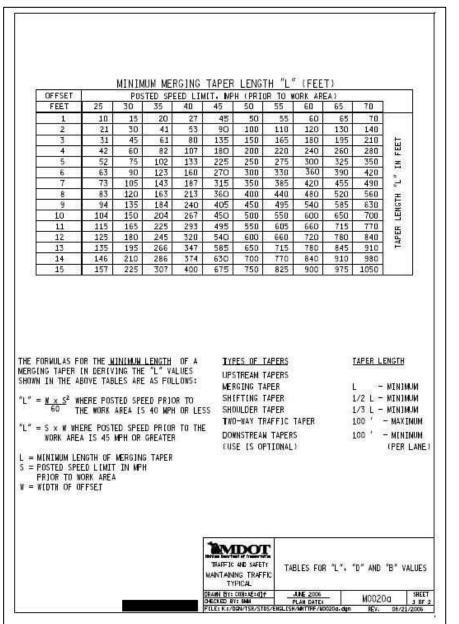


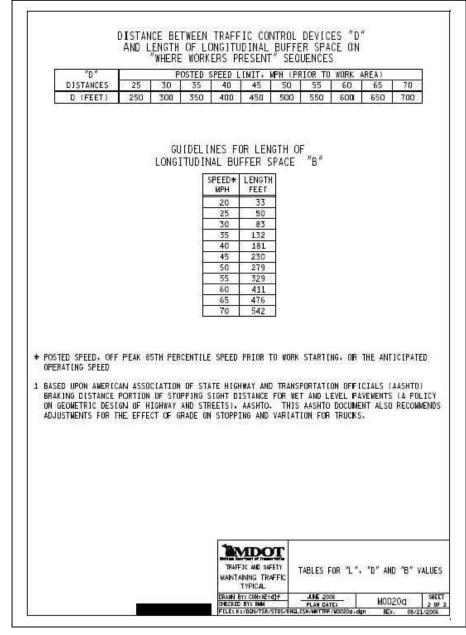


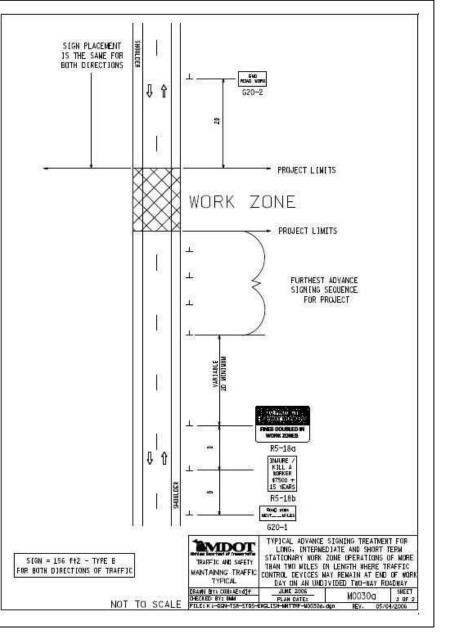


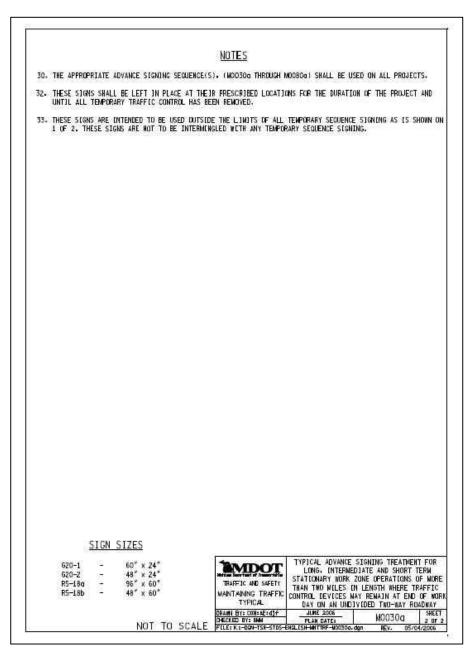


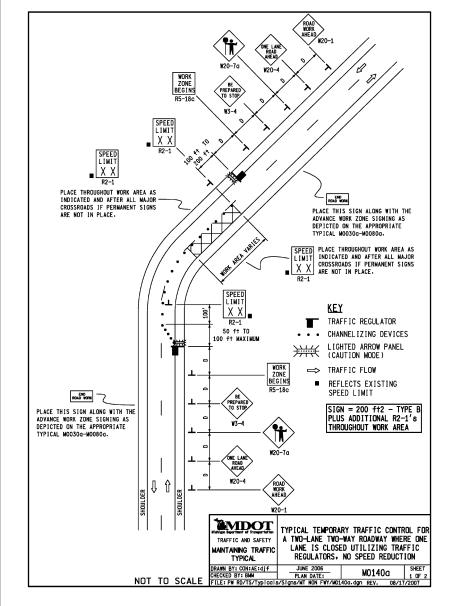


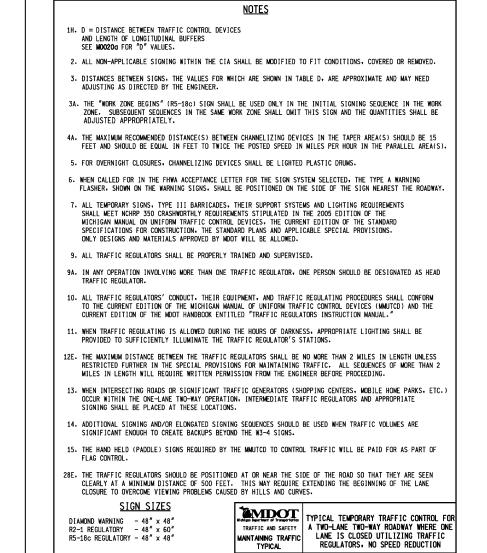


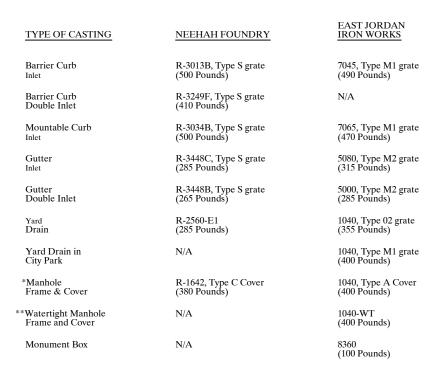








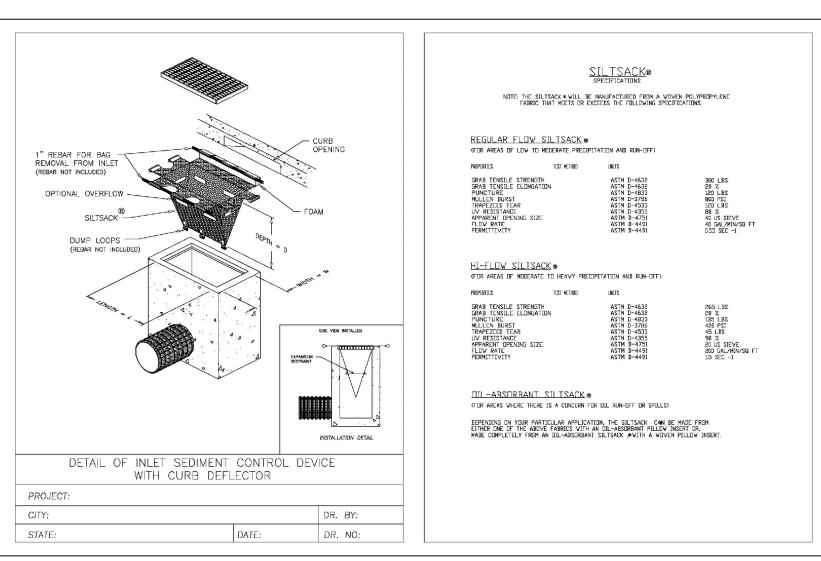


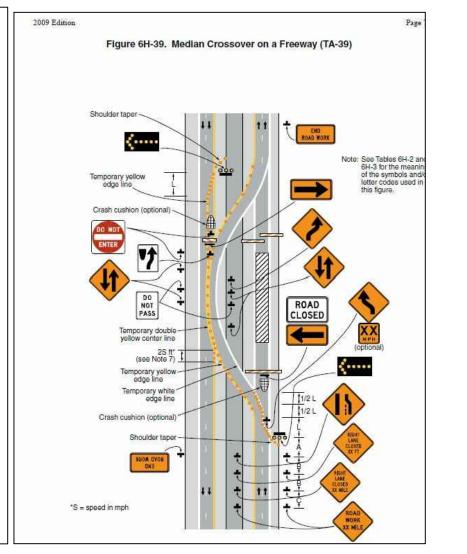


*Frames and covers must have machined bearing surfaces. Covers must have two (2) 1" vent holes located opposite each other and 6" from the edge of the cover. Each cover shall have "Sewer", "S" or "Water", "W" cast in the surface, whichever is applicable.

**Frames and covers must have machined bearing surfaces. Each cover shall have "Sewer", "S" or "Water", "W" cast in the surface, whichever is applicable. Manhole cover needs two 1" pick holes.

STANDARD CASTING SCHEDULE (SD-GU-5)







SHEET No.

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ARBOR

