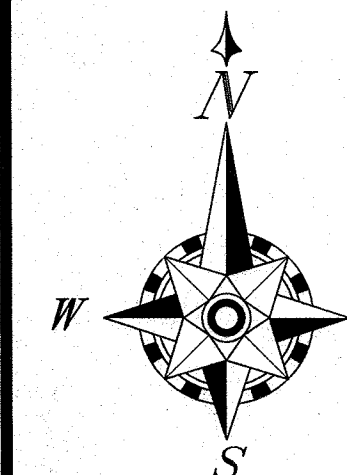


CITY OF JOLIET
WILL COUNTY, ILLINOIS

2018

STORM SEWER IMPROVEMENTS

LAMBERT STREET (LEACH AVE. - HIGH ST.)



INDEX OF SHEETS

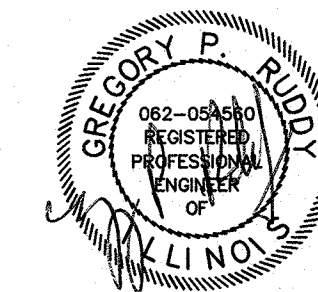
1. COVER SHEET
2. QUANTITIES & DETAILS
3. LAMBERT STREET - PLAN AND PROFILE

DESIGNED & PREPARED BY:

Scott D. Gapsevich

Scott D. Gapsevich

CIVIL ENGINEER SUPERVISOR



APPROVED BY:

CITY OF JOLIET

DEPARTMENT OF PUBLIC WORKS

GREGORY P. RUDDY, P.E.

Gregory P. Ruddy
PUBLIC WORKS ADMINISTRATOR

Date Sealed 10/30/16

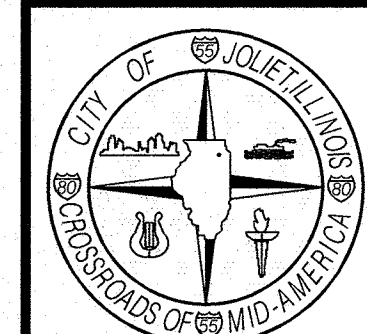
Date Expired 11/29/19

DATE: NOV. 2018

JOLIET TOWNSHIP, W 1/2, NE 1/4, SECTION 11



CALL BEFORE
YOU DIG
CITY OF JOLIET
UTILITY
INFORMATION
724-4220



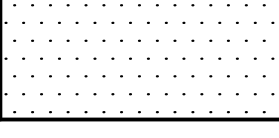
CITY OF JOLIET

DEPARTMENT OF PUBLIC WORKS
150 W. JEFFERSON STREET
JOLIET, ILLINOIS 60431
(815)-724-4200

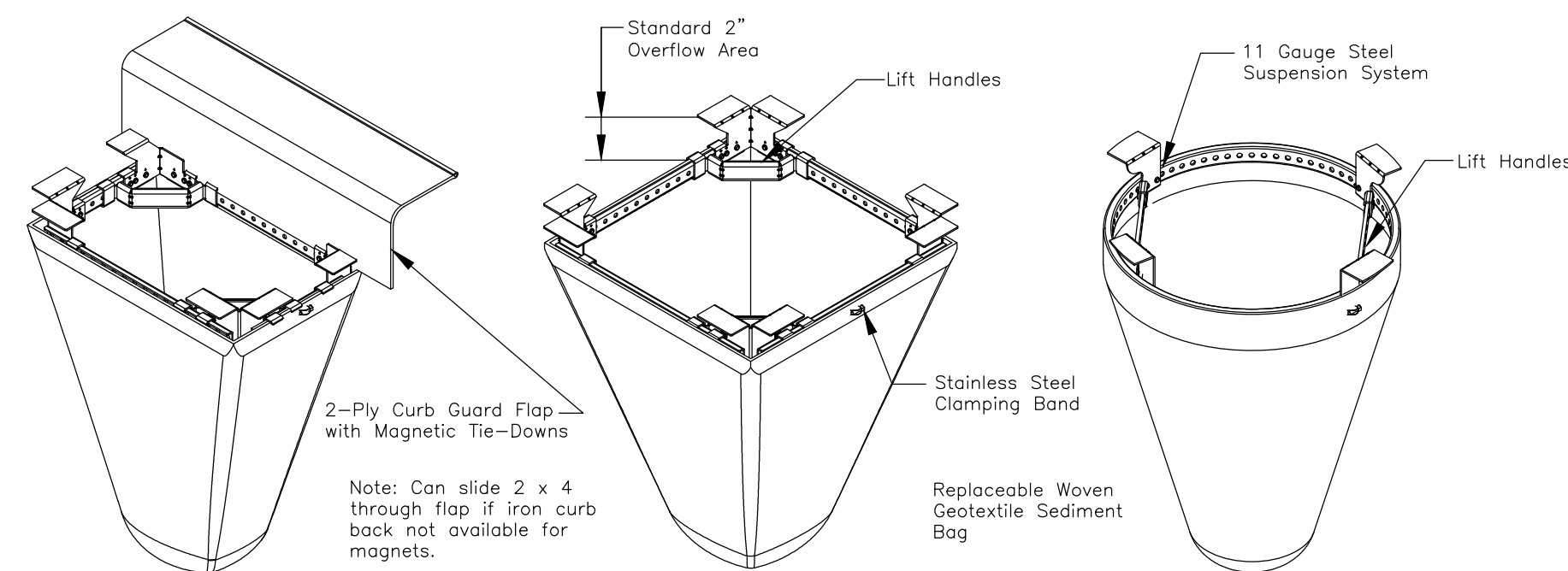
GENERAL NOTES

CITY OF JOLIET LAMBERT STREET (HIGH - LEACH) STORM SEWER IMPROVEMENTS						
(FOR MORE INFORMATION REGARDING THESE ITEMS SEE PLANS AND SPECIFICATIONS)						
SEQUENCE NO.	ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	COST
1	1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	14	IN-DIA		
2	2	TRENCH BACKFILL	10	CU YD		
3	3	STORM SEWER, RCCP, CLASS III, 12"	8	LIN FT		
4	4	STORM SEWER, RCCP, CLASS III, 30"	325	LIN FT		
5	5	STORM SEWER REMOVAL, 24"	35	LIN FT		
6	6	FLARED END SECTION TO BE REMOVED, 24"	1	EACH		
7	7	MANHOLE, TY. A, 5'	2	EACH		
8	8	FRAME AND LIDS	2	EACH		
9	9	FURNISHING AND PLACING TOPSOIL, 3"	1,500	SQ YD		
10	10	SEED AND EROSION CONTROL BLANKET	1,500	SQ YD		
11	11	EMBANKMENT	100	CU YD		
12	12	BORROW AND FURNISHED EXCAVATION	50	CU YD		
13	13	HOT MIX ASPHALT REMOVAL AND REPLACEMENT, 3"	11	SQ YD		
14	14	TRAFFIC CONTROL AND PROTECTION	1	LP SUM		
15	15	SAWCUT ASPHALT SURFACE	20	LIN FT		
16	16	REMOVAL AND DISPOSAL OF CONTAMINATED MATERIAL	20	CU YD		
17	17	EROSION CONTROL	1	LP SUM		

LEGEND



HMA REMOVAL & REPLACEMENT - 3"



State Standards

000001-06	Symbols & Abbreviations
602401-04	Manhole Type A
602701-02	Manhole Steps
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701901-07	Traffic Control Devices
B.L.R. 22-7	Typical Application of Traffic Control Devices for Construction on Rural Local Highways

Materials:
 1. Framing - 11 gauge steel, corrosion resistant
 2. Sediment Bag - Woven Geotextile (Type FF or approved alternate); 2 cubic ft typ volume;
 Stainless Steel locking band securing bag to frame

Installation:
 1. Remove grate
 2. Drop Inlet Filter onto load bearing lip of casting or concrete structure
 3. Replace grate

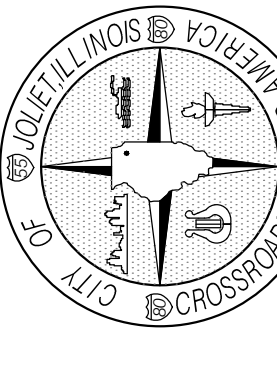
STORM DRAIN INLET PROTECTION

- The cost of any labor or materials necessary in connecting existing drain tiles or storm sewer to proposed drainage structures, or in connecting proposed storm sewers to existing drainage structures shall be considered incidental to the proposed drainage structures or storm sewers.
- The location of underground utilities on the plans represents the best knowledge of the City and the indicated adjustments or reconstructions are considered to be reasonably accurate. It shall be the Contractor's responsibility, as detailed in Section 107.31 of the Standard Specifications, to verify locations of underground utilities before starting construction operations. The Contractor shall indemnify the City, its Officers and employees against all claims due to damage to corporate or private property resulting from his construction operations as described in Articles 107.20 and 107.26 of the Standard Specifications. The Contractor shall make his own investigation to determine the existence, nature and location of all utility lines and appurtenances within the limits of improvements. The Contractor will be responsible for performing exploratory excavation to expose any underground utility- including services- with a City representative present and identifying all possible utility conflicts within the proposed public improvement prior to excavating for the roadway. The Contractor shall backfill these exploratory excavation sites with trench backfill and shall maintain the roadway until all the identified utility conflicts are resolved. The cost of the exploratory excavation for underground utilities shall be considered incidental to the contract. No other compensation shall be allowed for this work. The Contractor will be required to cooperate with all Contractors, Utility companies, and the City of Joliet, involved with the removal, temporary re-location, reconstruction, or abandonment by these agencies of any and all services or facilities owned or operated by them within the limits of the improvement. Before doing any work which will damage, disturb, or leave unsupported or unprotected any utility lines encountered, the Contractor shall notify the respective owner thereof, who will make arrangements for relocating, adjusting, or otherwise maintaining or abandoning services or lines that fall within the limits of the proposed construction without cost to the Contractor, including the removal of cables, manhole covers, and other appurtenances which the owner desires to salvage. After such arrangements have been made, the Contractor will proceed with the work as directed by the Engineer. No extra compensation will be allowed the Contractor for any expenses incurred by complying with these requirements, or because of delays, inconvenience, or interruptions in his work resulting from the failure of any City or Utility Company to remove, relocate, reconstruct, or abandon their services when required by the Contractor's operations. An extension of time may be granted to the extent the Contractor's operations were affected. The Contractor shall be responsible for coordinating his work with that of these agencies as to ensure that this improvement is not delayed because of necessary changes in the existing utilities, public or private. The Contractor shall take whatever precautions which may be located underground or above ground, at or adjacent to the site of this improvement. The contractor will be required to repair or replace at his own expense, or bear the cost of having the utility repair or replace any public/ private utility which has been damaged through his efforts. The procedure and specifications of repair will be in accordance with the regulations and/or policy of the utility. The Utility shall be given notice by the Contractor to locate and identify all of their installations at the site of this improvement so that this improvement is not delayed because of necessary changes in the existing utilities, public or private.
- The Contractor shall proceed with caution for any excavation and preparation of the trench so that the exact location of underground structures may be determined. Prior to proceeding with any excavation, the contractor shall contact all utility companies in the area to aid in locating their underground services. The Contractor shall contact the involved utility companies not less than 48 hours prior to beginning construction. The majority of these utilities may be contacted through J.U.L.I.E. at (800) 892-0123. In addition, the Contractor shall be responsible to contact the City of Joliet Utilities 48 hours prior to beginning the construction at (815)724-4220. It shall remain the Contractor's responsibility to contact all utilities. The Contractor shall take all reasonable precautions against damage to existing utilities. However, in the event of a break in an existing watermain, gas main, sewer, or underground cable, he shall immediately notify the responsible official of the organization operating the utility interrupted. The Contractor shall lend all possible assistance in restoring services and shall assume all cost, charges, and claims connected with the interruption and repair of such services. Privately owned utilities requiring adjustment will be adjusted by the utility company involved. No additional compensation will be allowed for any delays or inconveniences caused the Contractor due to said adjustments.
- Trench backfill must be provided under all roadway surfaces and driveways and as directed by the Engineer.
- Existing sidewalk, pavement, driveway pavement and curb and gutter damage due to the Contractor's operations shall be replaced at the expense of the Contractor.
- For all manholes, catch basins, and inlets, the distance shown on the plans is from the baseline to the center of the structure, except structures in the curb line where the distance is shown to the back of curb.
- All existing valve vaults and manholes indicated on the plans or as directed by the Engineer shall be covered with a Contractor-supplied steel plate at all times during construction. Upon preparation for binder course, the frame shall be installed to the surface elevation as shown on the plans or as directed by the Engineer and set in concrete according to the Standard Specifications.
- This project is to be built according to the City of Joliet Special Provisions and General Conditions adopted Jan 1, 2013 unless otherwise stated in the contract documents.
- Where section or sub-section monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all property markers and monuments until the owner and an authorized surveyor or agent has witnessed or otherwise referenced their location. However, if damaged irons occur, it is the responsibility of the Contractor to restore the marker per Registered Land Surveyor at his own expense.
- It shall be the responsibility of the Contractor to construct each inlet or catch basin at the proper location so that the frame or grate matches the curb line as shown in the applicable Standard.
- All proposed manholes, catch basins and inlets shall be fabricated to include no less than four (4) inches of adjusting rings to meet the required grade.
- The cost of the removal and disposal of the asphalt shall be considered incidental to roadway excavation.
- All top of curb (TOC) elevations, excluding depressed curb, are 0.1' above the listed C/L elevations unless otherwise noted.
- All structure rim elevations located in the curb line are top of curb elevations unless otherwise noted.
- All grassed areas disturbed during construction operations shall be seeded or sodded in accordance with sections 642 and 644 of the Standard Specifications, as indicated in the plans.
- Quantities for adjusting sanitary sewer services and water service lines have been added to the summary of quantities and the contract to provide a unit price bid for the item, and are to be used only if field conditions require their use, as approved by Engineer.
- The Contractor shall protect existing or new utilities by methods approved by the Engineer, and he shall brace and support the utilities properly to prevent settlement, displacement, or damage to the utilities. The protection of the utilities as specified herein, will not be paid for separately, but shall be considered incidental to the contract.
- Existing street signs, markers stop signs, and all other roadway signs shall be removed and reset by the Contractor as per current MUTCD standards and as directed by the Engineer. This work will not be paid for directly, but shall be considered incidental to the contract. Signs and posts damaged by the contractor shall be replaced by him at his own expense.
- Sidewalk ramps for the handicapped shall be constructed at locations where existing or proposed sidewalks about the street returns within the limits of this improvement in accordance with Highway Standard 424001-07 of the State of Illinois. This work will not be paid for separately, but shall be considered incidental to the proposed sidewalk.
- Timeliness of work: The contractor shall perform all work in a timely, orderly, and diligent manner. The Contractor shall cooperate with and conform to the request of the City to expedite particular portions of the work insofar as to complete certain phases of work in a timely manner. Work shall be completed within the timeframe as outlined in the Supplemental Special - WORKING DAYS (BDE) 80071. Contractor shall submit a PROJECT SCHEDULE showing coordination of sub-contractors and sequencing of work. Construction of the concrete curb & gutter shall begin within five (5) working days of the completion of the roadway grading and sub-base preparation. Upon completion of the concrete curb & gutter, construction of the driveway apans shall begin, and remain continuous, such that driveways shall not remain inaccessible for more than 20 working days, as measured from the date of completion of roadway excavation. If the contractor cannot meet these requirements, he shall provide temporary stone access to all affected driveways. No additional compensation will be allowed for providing, placing, and removing all temporary access stone. The City reserves the right to place and remove the temporary stone and deduct the cost from the construction contract for contractors not meeting this requirement.
- Protection of property and surface structures: Trees, shrubbery fences, poles, right-of-way pins and all other property and surface structures shall be protected during construction operations unless the Engineer authorizes their removal for purposes of construction. Any fences, poles, or other manmade surface improvements, which are moved or disturbed by the Contractor shall be restored to the original conditions, after construction is completed, at the Contractor's expense. Any trees, shrubbery, or other vegetation, which are approved for removal by the Engineer in order to facilitate construction operations, shall be removed completely, including stumps and roots, by the Contractor. Responsibility for any damage or claims for damage caused by construction operations to shrubbery or other landscape improvements, which were not authorized for removal by the Engineer, shall be assumed by the Contractor.
- Work to be Done by Others: The City of Joliet Public Works and Utilities, Com-Ed, NICOR, At&T, and others may be adjusting their facilities during construction of this section. In such event, it will be necessary for the Contractor to cooperate with the various organizations and the City while they are doing this work. All street lighting/ utility poles and luminaires required to be moved shall be relocated and wired by the owner as per their franchise agreement. No compensation shall be allowed to the Contractor for street lighting/ utility pole relocation work.
- In accordance with Article 105.09 of the "Standard Specifications", the Contractor shall furnish to the City of Joliet Public Works Office, 150 W. Jefferson Street, at his/her expense, construction layout stakes for the project. The material for layout stakes and lathes shall be oak. Layout stakes shall be 2"x2"x15". Lathes shall be four (4') feet in length. Hubs shall be provided at a rate of one bundle per 300 linear feet of project length for curb and gutter construction and at a rate of one bundle per 600 linear feet of project length for all construction. The cost incurred by the Contractor in complying with this requirement shall be considered incidental to the contract.

2018 STORM SEWER IMPROVEMENTS
LAMBERT STREET (LEACH AVE. - HIGH ST.)

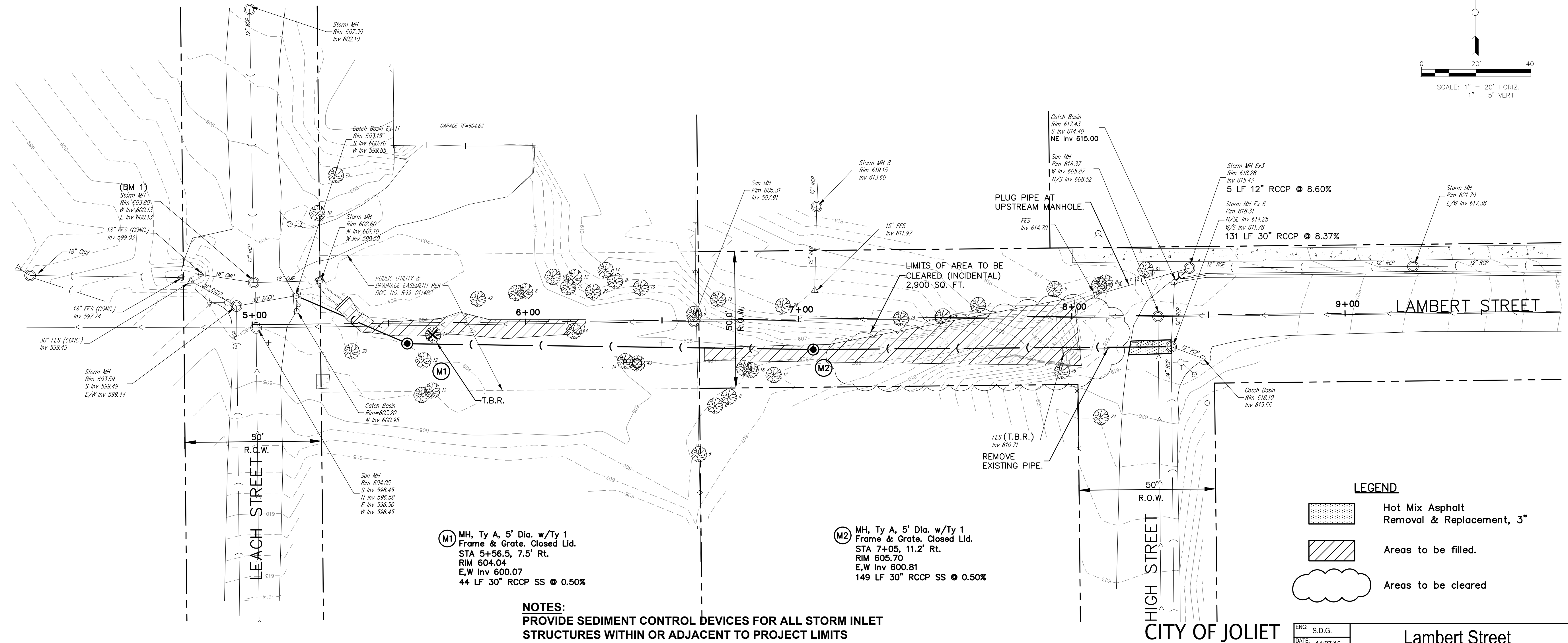
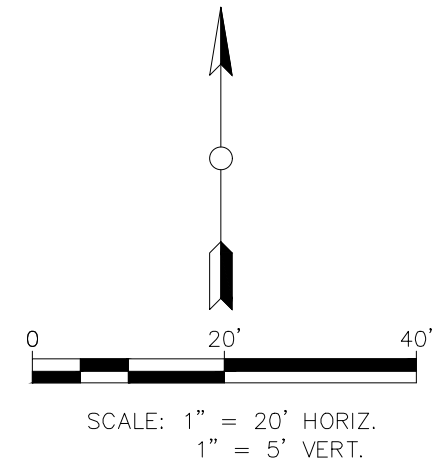
CHECKED BY: **CPR** SCALE: **NONE**
 DESIGNED BY: **SDC** DATE: **NOV. 2018**
 DRAWN BY: **KLK** SHEET **2** OF **3**

CITY OF JOLIET
 DEPARTMENT OF PUBLIC WORKS
 150 W. JEFFERSON STREET, JOLIET, ILLINOIS 60431
 (815)-724-4200



T:\Public Works\CAD\Projects\2018 Projects\Lambert\Cover-Details\Lambert.dwg Plot Date: 10/31/2018 7:06 AM by: Karon, Kelly L

BENCHMARK 1:
STORM MANHOLE AT CENTERLINE OF
LEACH STREET
ELEVATION 603.80



(M1) MH, Ty A, 5' Dia. w/Ty 1
Frame & Grate. Closed Lid.
STA 5+56.5, 7.5' Rt.
RIM 604.04
E,W Inv 600.07
44 LF 30" RCCP SS @ 0.50%

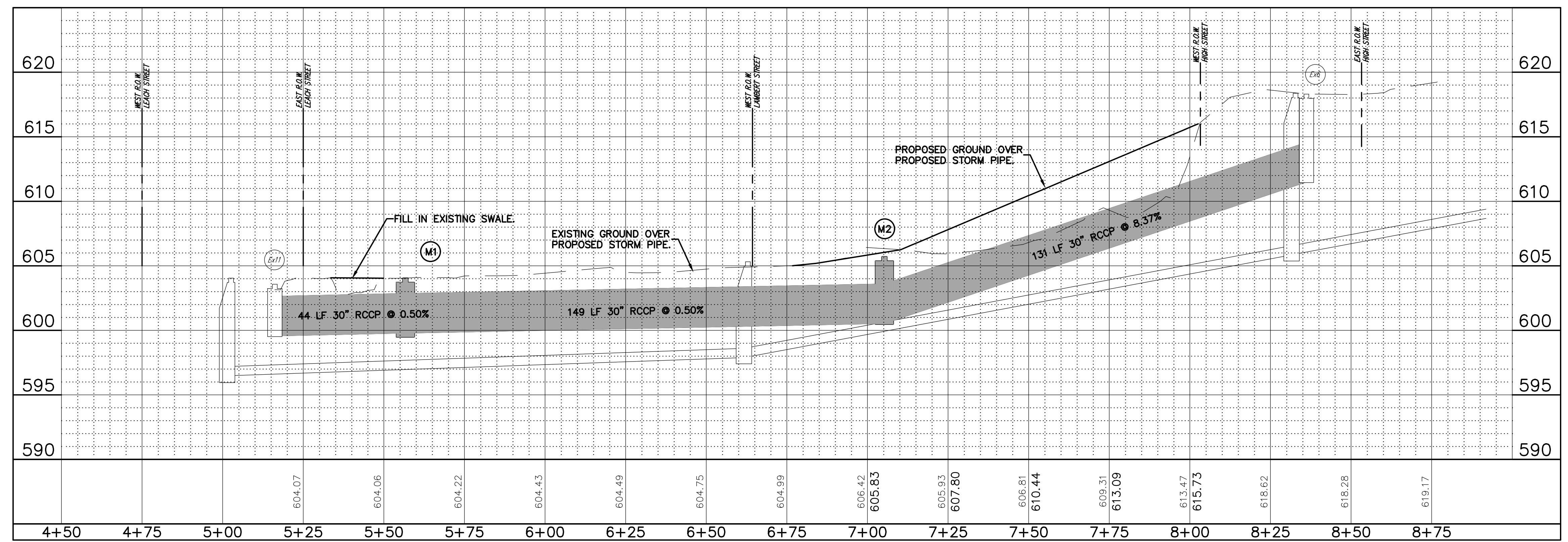
(M2) MH, Ty A, 5' Dia. w/Ty 1
Frame & Grate. Closed Lid.
STA 7+05, 11.2' Rt.
RIM 605.70
E,W Inv 600.81
149 LF 30" RCCP SS @ 0.50%

NOTES:
PROVIDE SEDIMENT CONTROL DEVICES FOR ALL STORM INLET
STRUCTURES WITHIN OR ADJACENT TO PROJECT LIMITS

LEGEND

- Hot Mix Asphalt
Removal & Replacement, 3"
- Areas to be filled.
- Areas to be cleared

ENG. S.D.G.
DATE: 11/27/18
CITY OF JOLIET
Lambert Street



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