

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 21, 2017

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

*[Signature]* 8/8/17  
City Engineer Date

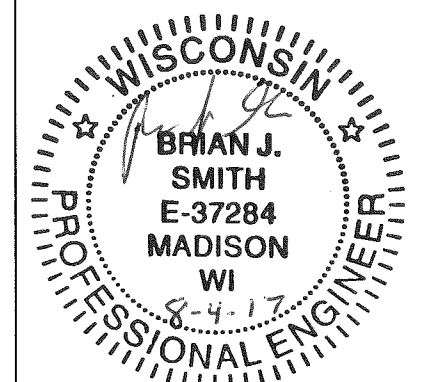
STREET & SIDEWALK DESIGNED BY:

### NOT APPLICABLE FOR THIS ISSUANCE

STORM & SANITARY SEWER DESIGNED BY:



ELECTRICAL DESIGNED BY:



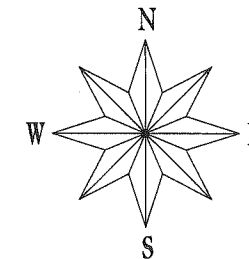
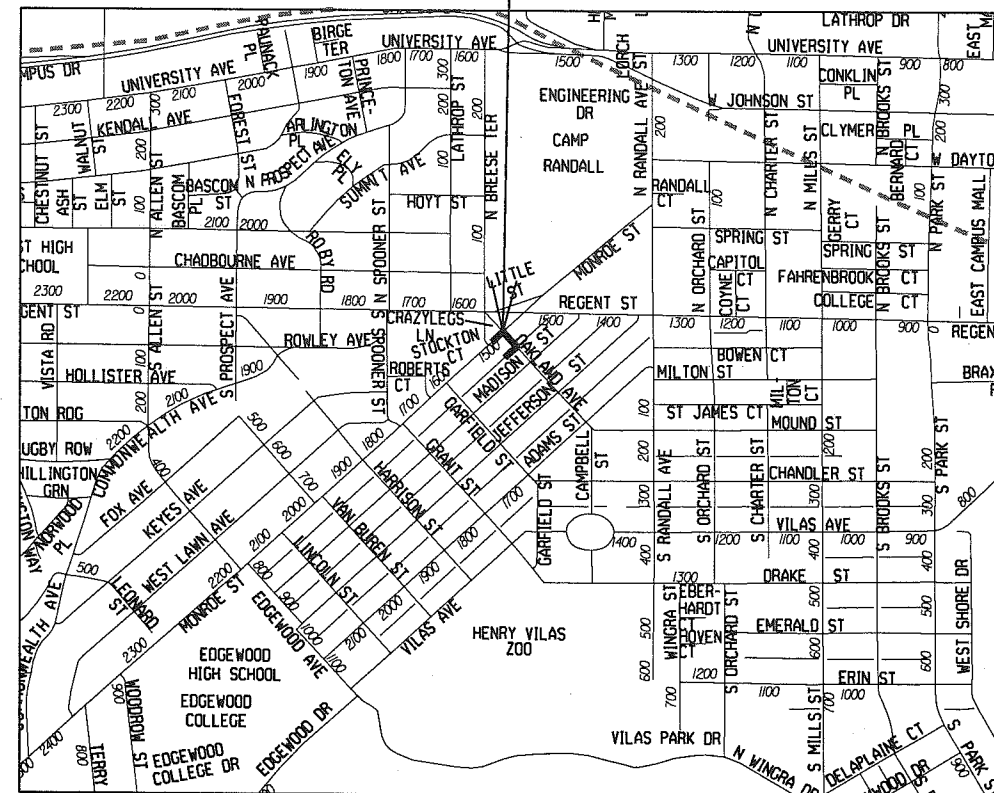
## 1603 MONROE STREET

CITY PROJECT NO. 11568

CITY CONTRACT NO. 7892

### CONSTRUCTION PROJECT LOCATION

### UTILITIES ONLY



#### INDEX OF SHEETS

SHEET NO.	TITLE
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DI	UTILITIES PLAN
UI	ELECTRICAL PLAN

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

#### NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONTRACTOR/DEVELOPER SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.

ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. COORDINATE WITH CITY FORESTRY FOR LOCATION OF ANY NEW TREE GRATES; SOME EXCAVATION MAY BE NECESSARY WHEN PLACING NEW GRATES TO VERIFY THAT THE SITE IS APPROPRIATE FOR TREE PLANTING.

CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR. TREE PLANTING WITHIN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

COORDINATE WITH CITY ENGINEERING A MINIMUM OF 21 DAYS IN ADVANCE FOR INSTALLATION OF ASPHALT PAVEMENT FOLLOWING CONSTRUCTION OF NEW CURB & GUTTER AND BASE COURSE.

ALL PAVEMENT ON MONROE ST. SHALL BE TYPE C PAVEMENT; ALL PAVEMENT ON OAKLAND AVE. SHALL BE TYPE A PAVEMENT; ALL PAVEMENT ON THE ALLEY SHALL BE 8" CONCRETE PAVEMENT.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.4% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

DAMAGE TO ANY EXISTING CURB, PAVEMENT, SIDEWALK, ETC. THAT IS TO REMAIN SHALL BE REPAIRED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY THE ENGINEER.

DEVELOPER/CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO ADJUST STRUCTURES, MANHOLES, HANDHOLES, ETC. AS NEEDED TO MATCH THE GRADE OF THE NEW PAVEMENT.

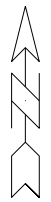
ANY WORK SHOWN ON THIS PLAN THAT IS OUTSIDE OF THE RIGHT-OF-WAY OR BEYOND THE LIMITS OF THIS PROJECT SHALL BE CONSIDERED APPROXIMATE AND NOT FOR CONSTRUCTION.

PLOT SCALE: \_\_\_\_\_

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SCALE 1"=30'

CONNECT 10" PVC TO EXISTING STORM INLET

10" PVC STORM SEWER @ 0.50% MINIMUM SLOPE (2% DESIGN SLOPE)

10" PVC STORM STUB

PROPOSED WATER SERVICE 37' OF 6" DI PIPE & VALVE TYPE III TRENCH PATCH

CONNECT 8" PVC TO EXISTING STORM SEWER BOX. CONNECTION SHOULD MATCH CROWNS AND BE FIELD CORE WITH KOR-N-SEAL BOOT (NO TAP SHALL BE ALLOWED).

8" PVC STORM SEWER @ 0.50% MINIMUM SLOPE (9.5% DESIGN SLOPE)

CONNECT TO EXISTING LATERAL. FIELD VERIFY LATERAL ELEVATION.

PIPE PLUGS (TYP.)

PROVIDE 6" SAN. LATERAL @ 2.00% MINIMUM SLOPE.

SAN. LAT. EI @ BUILDING= 854.60

INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL @ PROPERTY LINE (TYP.)

ADJUST EX. IN 4553-128 w/ R-3362-L EI= 859.11

EX. SAS 4553-061 RIM= 859.39 EI= 848.44(SE) EI= 847.85(NW) EI= 847.55(NE) EI= 849.05(SW)

TYPE "H" INLET w/R-3362-L STA 10+22.57 CL RIM=864.07 EI=859.50

NOTE: PROPOSED BUILDING & ANY OTHER WORK OUTSIDE OF THE RIGHT-OF-WAY THAT IS SHOWN ON THIS PLAN SHALL BE CONSIDERED PRELIMINARY & NOT FOR CONSTRUCTION

EX. SAS 4453-020

PLOT SCALE: \_\_\_\_\_

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SOUTH  
BREESE  
TERRACE

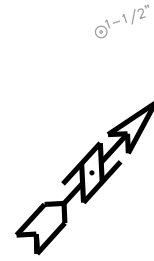
MONROE  
STREET

SAN  
OAKLAND  
AVENUE

BUILDING

ALLEY

INSTALL 2" PVC CONDUIT BETWEEN  
EXISTING STREET LIGHT POLES.  
STUB CONDUIT UP AT GRADE NEXT  
TO LIGHT POLES



GENERAL ELECTRICAL NOTES:

1. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2017 EDITION AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL CALL TROY VANT (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION.
3. PRIOR TO REMOVAL OF THE EXISTING OVERHEAD STREET LIGHTING AND SIGNAL INTERCONNECT CABLE, THE CONTRACTOR IS REQUIRED TO INSTALL THE NEW 2" PVC SCHEDULE 40 CONDUIT BETWEEN THE EXISTING STREET LIGHT POLES AND COORDINATE WITH TRAFFIC ENGINEERING, TROY VANT, TO HAVE CITY CREWS RELOCATE THE OVERHEAD CABLES TO THE NEW UNDERGROUND CONDUIT.

FOUND TOP OF IRON TIPPED 0.38'  
SOUTHWEST OF LOT CORNER

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