

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 7, 2011

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 5/30/12
City Engineer Date

GEOMETRICS
DESIGNED BY:



[Signature] 5/29/12

STREETS
DESIGNED BY:



INDEX OF SHEETS

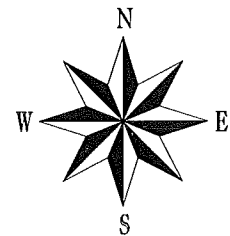
SHEET NO.	TITLE
1	PROJECT LOCATION MAP
LM1	CAMDEN RD. SPEED HUMPS
C1	FARLEY AVE. ISLANDS
FA1	FISHER ST. SPEED HUMPS
F11	LAKESIDE ST. ISLANDS
L1	OLIN AVE. ISLAND
O1	PARIC ST. & LANGDON ST. RESURFACING
P1	PLEASANT VIEW RD. MEDIAN
PV1	REGENT ST. & HIGHLAND AVE. INTERSECTION
R1	REGENT ST. & HIGHLAND AVE. WATER
R2	REGENT ST. & HIGHLAND AVE. TRAFFIC CONTROL
R-TC1-2	REGENT ST. & HIGHLAND AVE. PAVEMENT MARKING
R-M1	SHERMAN AVE. SPEED HUMP
S1	VONDRON RD. ISLAND RESTORATION
VI	

REV
6-5-12
JMW

LOCAL ROAD TRAFFIC CALMING AND ARTERIAL PEDESTRIAN ENHANCEMENTS - 2012

CITY PROJECT NO. 53W1305
CONTRACT NO. 6789

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	



CITY-WIDE PROJECT LOCATIONS

NOTES:

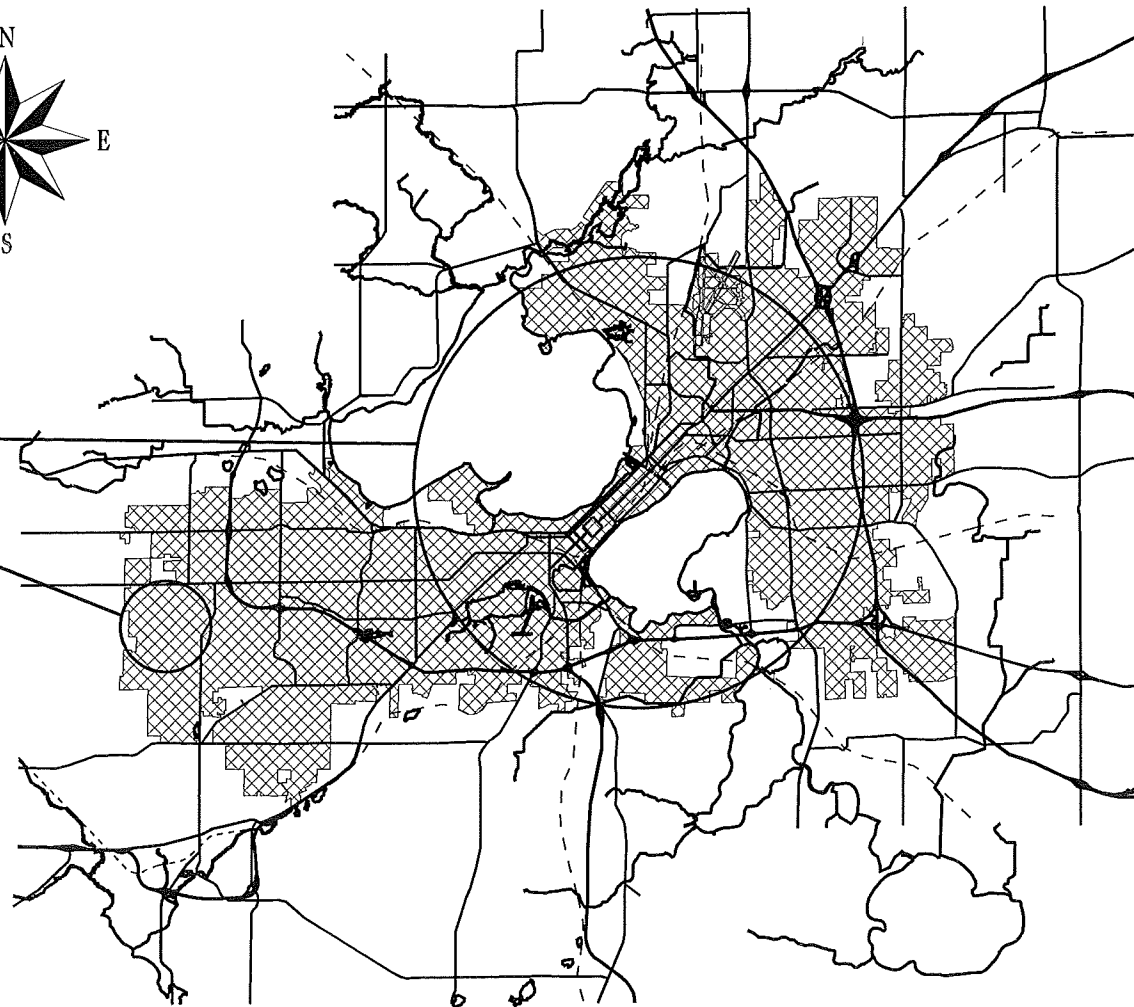
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

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%.

EROSION CONTROL MEASURES SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER

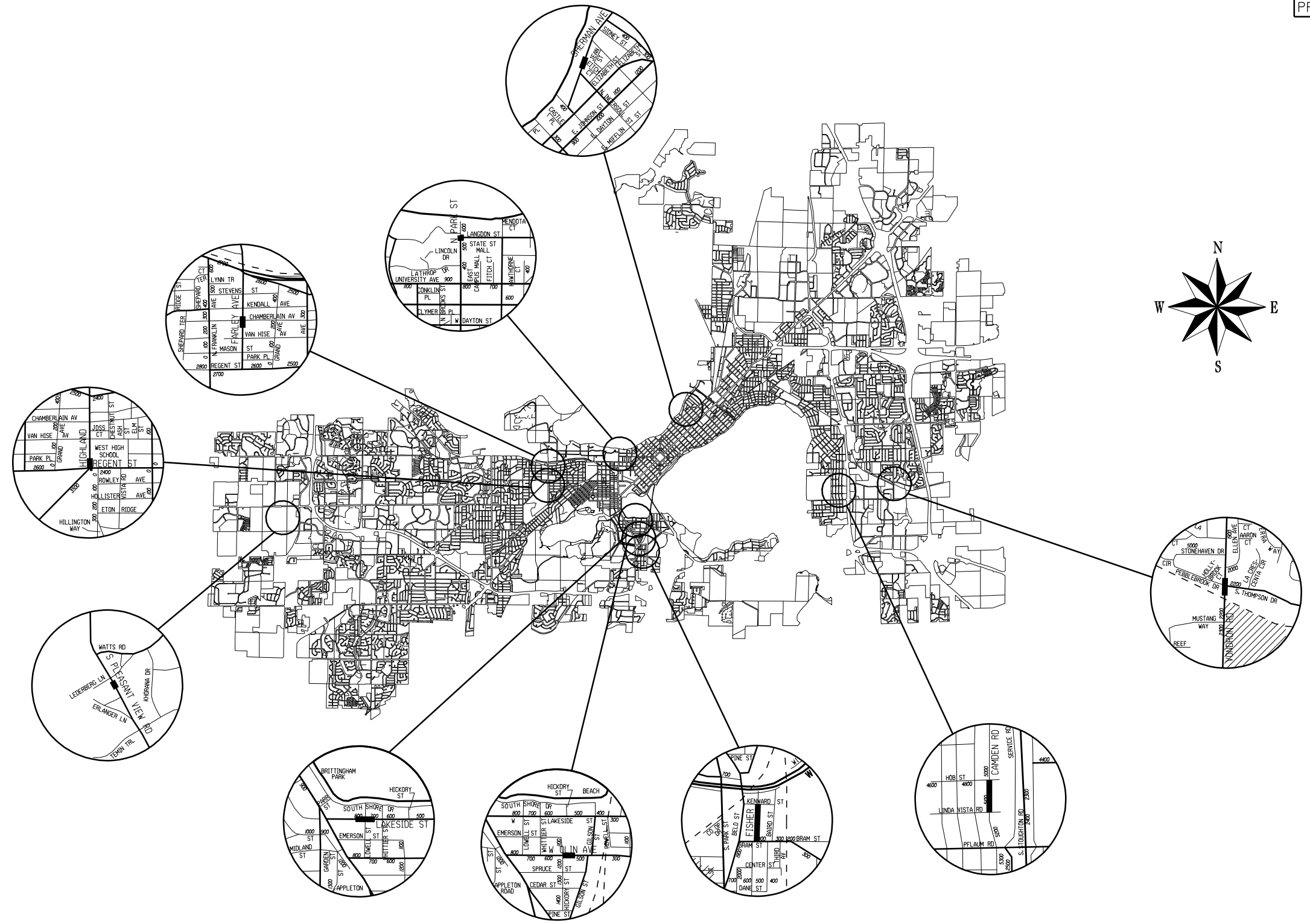
EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....560 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....50 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....610 C.Y.

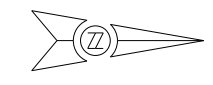


PROJECT LOCATION MAP CITY OF MADISON

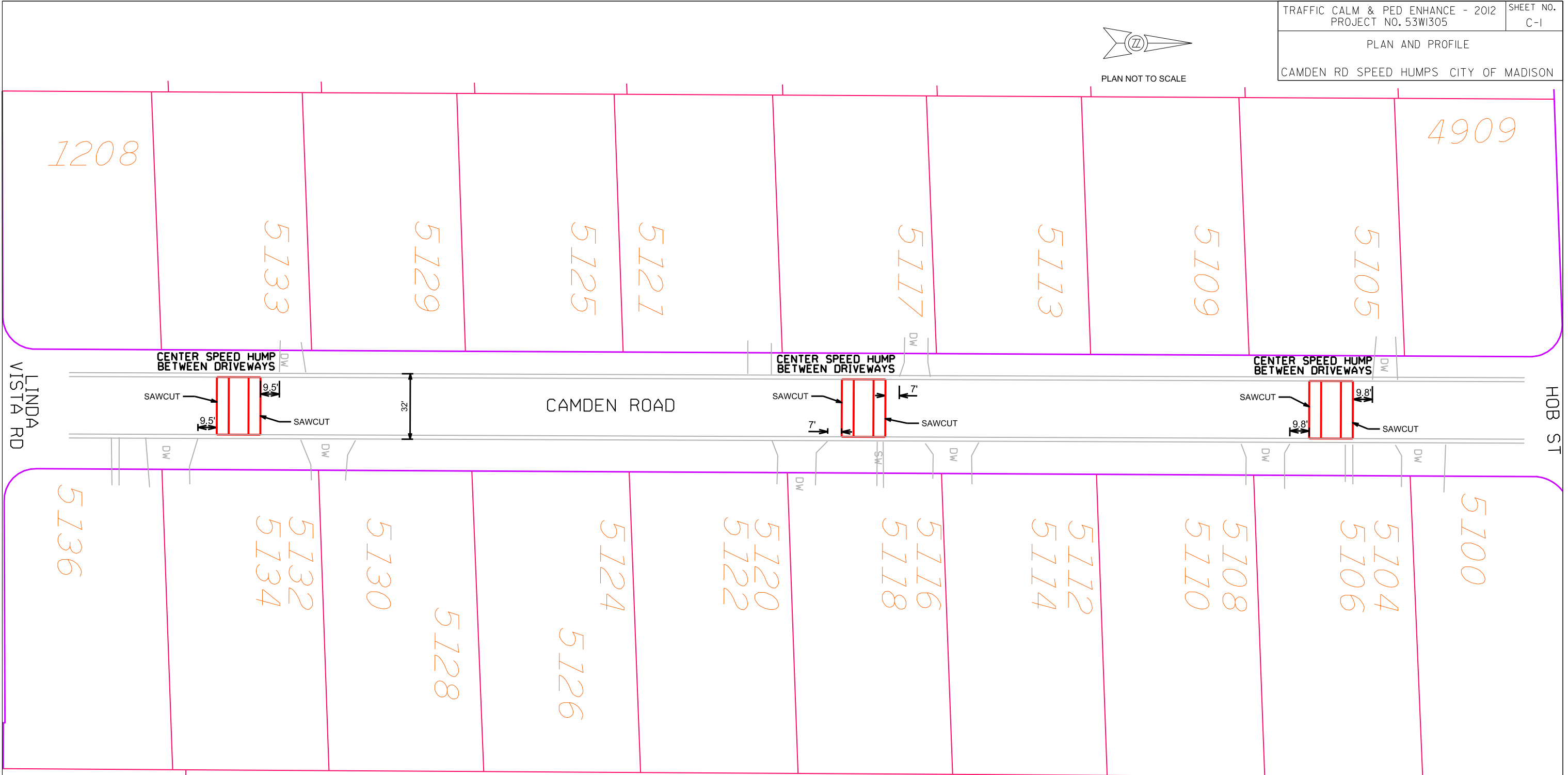
REV. DATE: PLOT NAME: PLOT SCALE:



ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLAN NOT TO SCALE



PLOT SCALE:

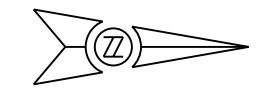
PLOT NAME:
LINDA VISTA RD

REV. DATE:

- NOTES:
1. CONSTRUCT SPEED HUMPS PER S.D.D. 4.10
 2. SPEED HUMP LOCATIONS SHALL BE ACCORDING TO PLAN DIMENSIONS
 3. SPEED HUMPS SHALL NOT BE LOCATED ON A SAS CASTING NOR WITHIN 5 FT OF A DRIVEWAY. CONTACT THE ENGINEER IF THERE IS A CONFLICT

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:
 ISLANDS SHALL HAVE TYPE E CURB AND MOUNTABLE NOSES PER SDD 3.13.
 MEASUREMENTS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED ON THE PLAN.
 SAWCUT AT PROPOSED EDGE OF GUTTER, TAKE CARE TO NOT DAMAGE PAVEMENT ADJACENT TO NEW ISLANDS.

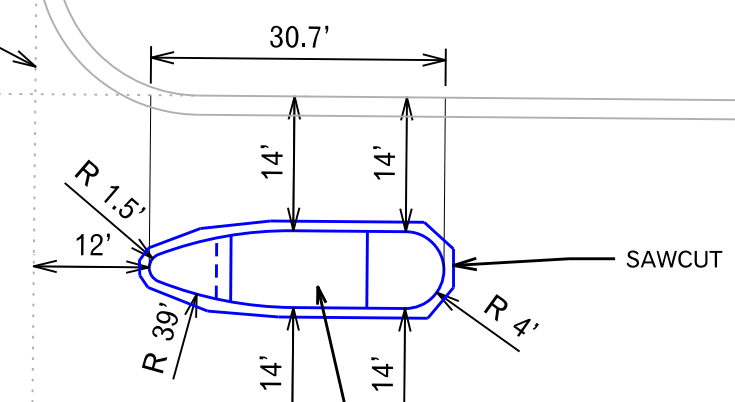
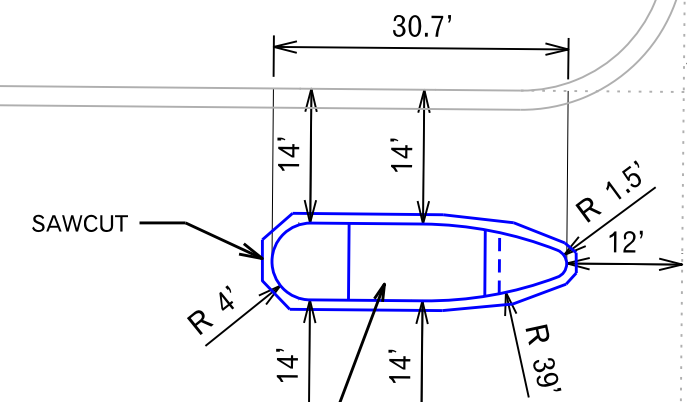


PLAN NOT TO SCALE

2701

2702

370



FACE OF CURB
EXTENDED

2653

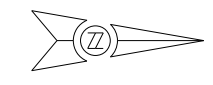
2650

2641

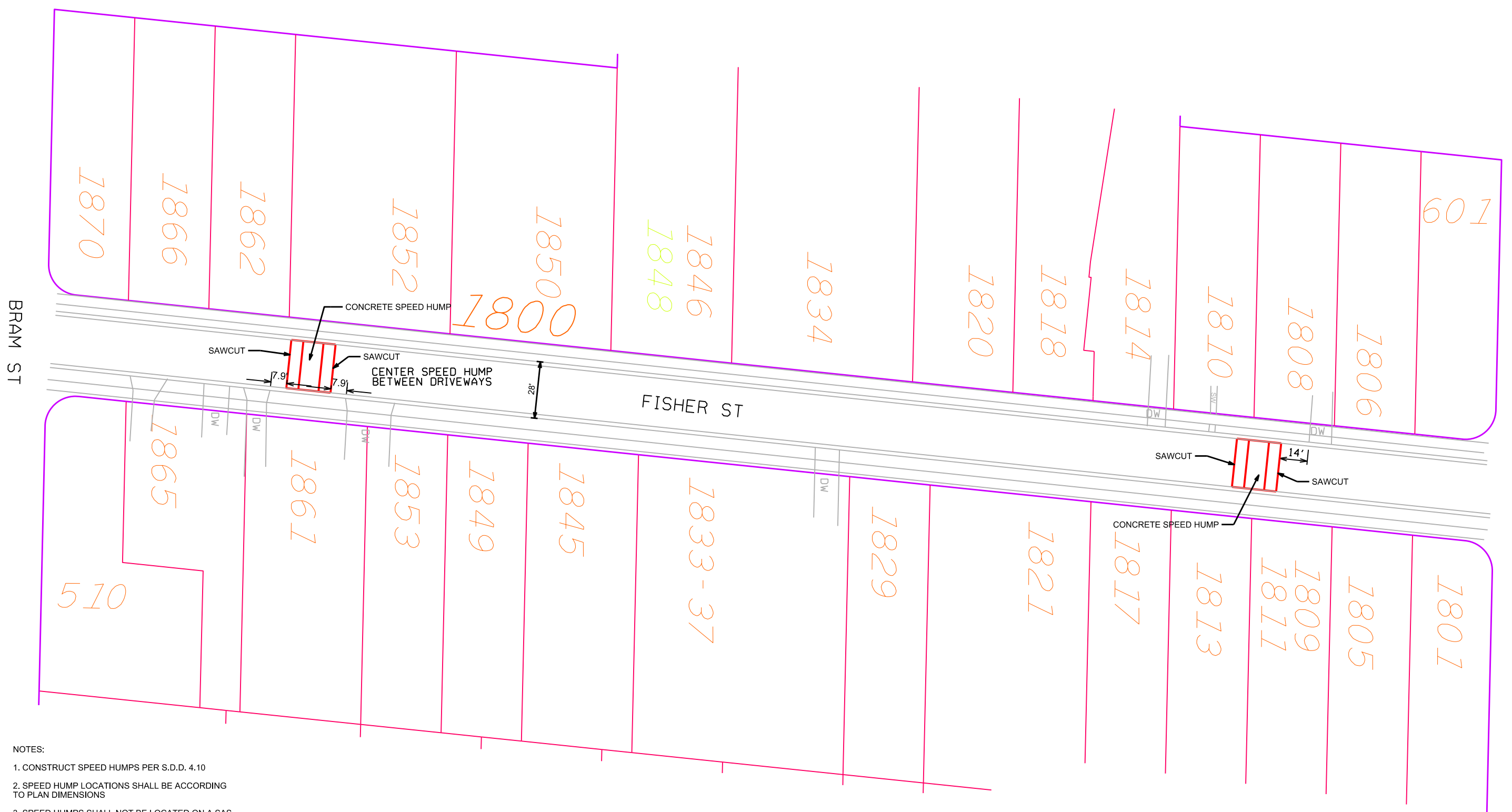
2701

PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLAN NOT TO SCALE



- NOTES:
1. CONSTRUCT SPEED HUMPS PER S.D.D. 4.10
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PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

NOTES:

ISLANDS SHALL HAVE TYPE E CURB & GUTTER MOUNTABLE NOSES PER SDD 3.13

MEASUREMENTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED ON THE PLAN

SAWCUT AT PROPOSED EDGE OF GUTTER. TAKE CARE TO NOT DAMAGE PAVEMENT ADJACENT TO NEW ISLANDS

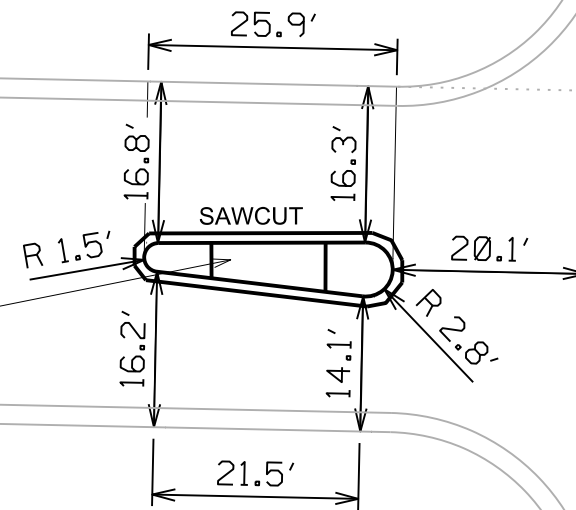


PLAN NOT TO SCALE

806
802
722

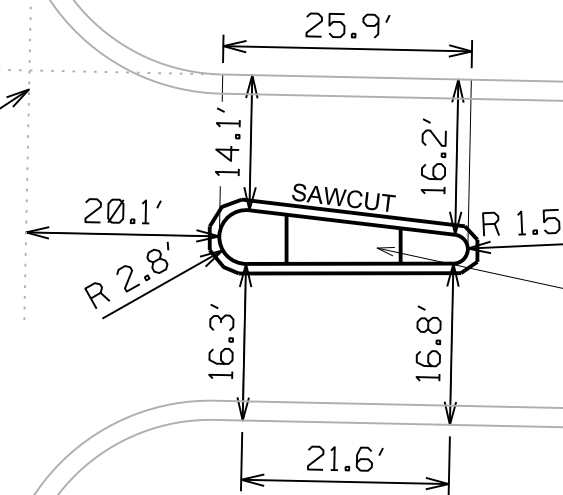
W LAKESIDE ST

7" TEXTURED & COLORED CONCRETE
SEE SPECS FOR COLOR & PATTERN



LOWELL ST

FACE OF CURB
EXTENDED



7" TEXTURED & COLORED CONCRETE
SEE SPECS FOR COLOR & PATTERN

805
801
721

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

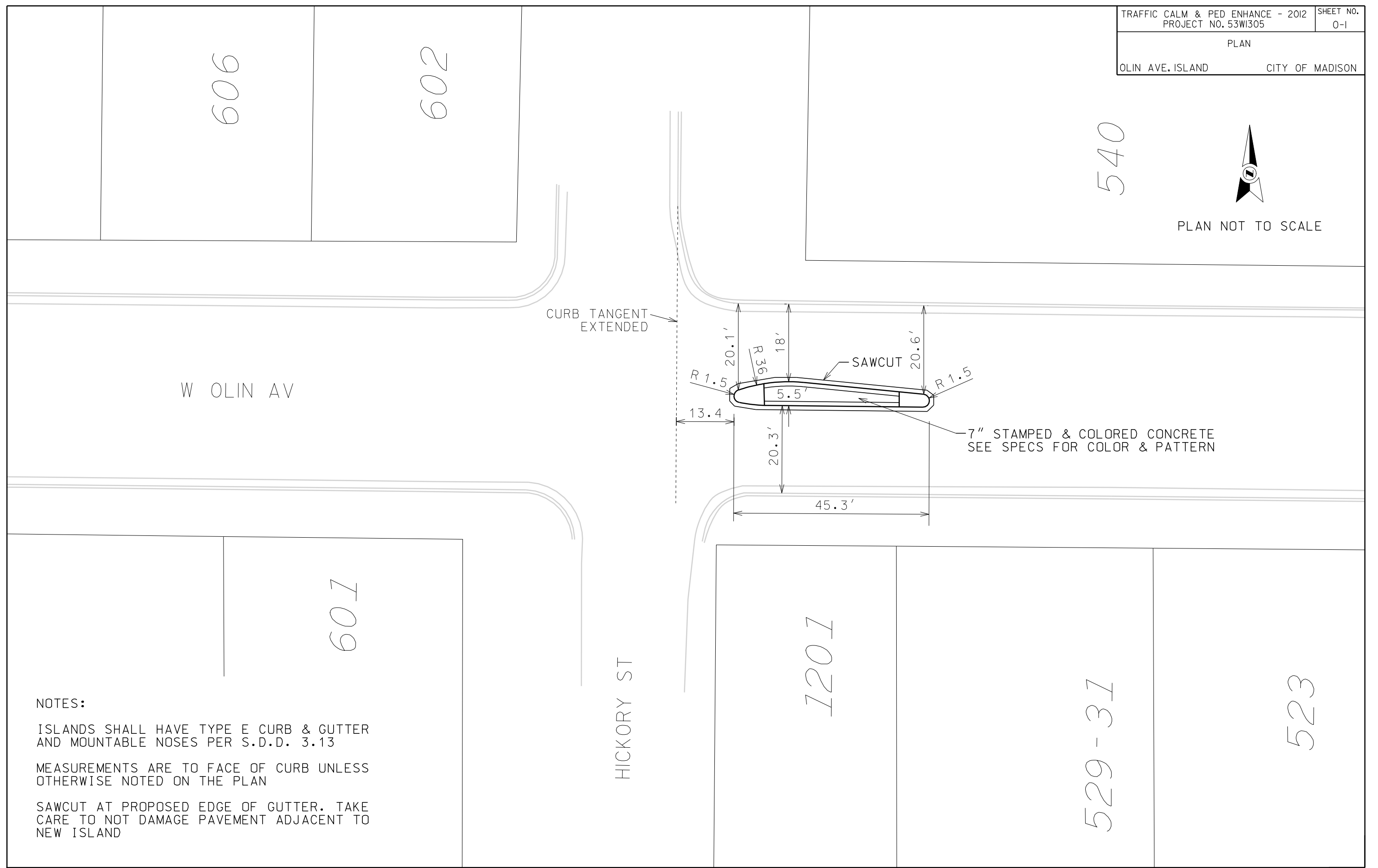
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

540



PLAN NOT TO SCALE

PLOT SCALE:
PLOT NAME:
REV. DATE:



W OLIN AV

HICKORY ST

CURB TANGENT EXTENDED

7" STAMPED & COLORED CONCRETE
SEE SPECS FOR COLOR & PATTERN

SAWCUT

NOTES:
ISLANDS SHALL HAVE TYPE E CURB & GUTTER AND MOUNTABLE NOSES PER S.D.D. 3.13
MEASUREMENTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED ON THE PLAN
SAWCUT AT PROPOSED EDGE OF GUTTER. TAKE CARE TO NOT DAMAGE PAVEMENT ADJACENT TO NEW ISLAND

606

602

607

1201

529-31

523

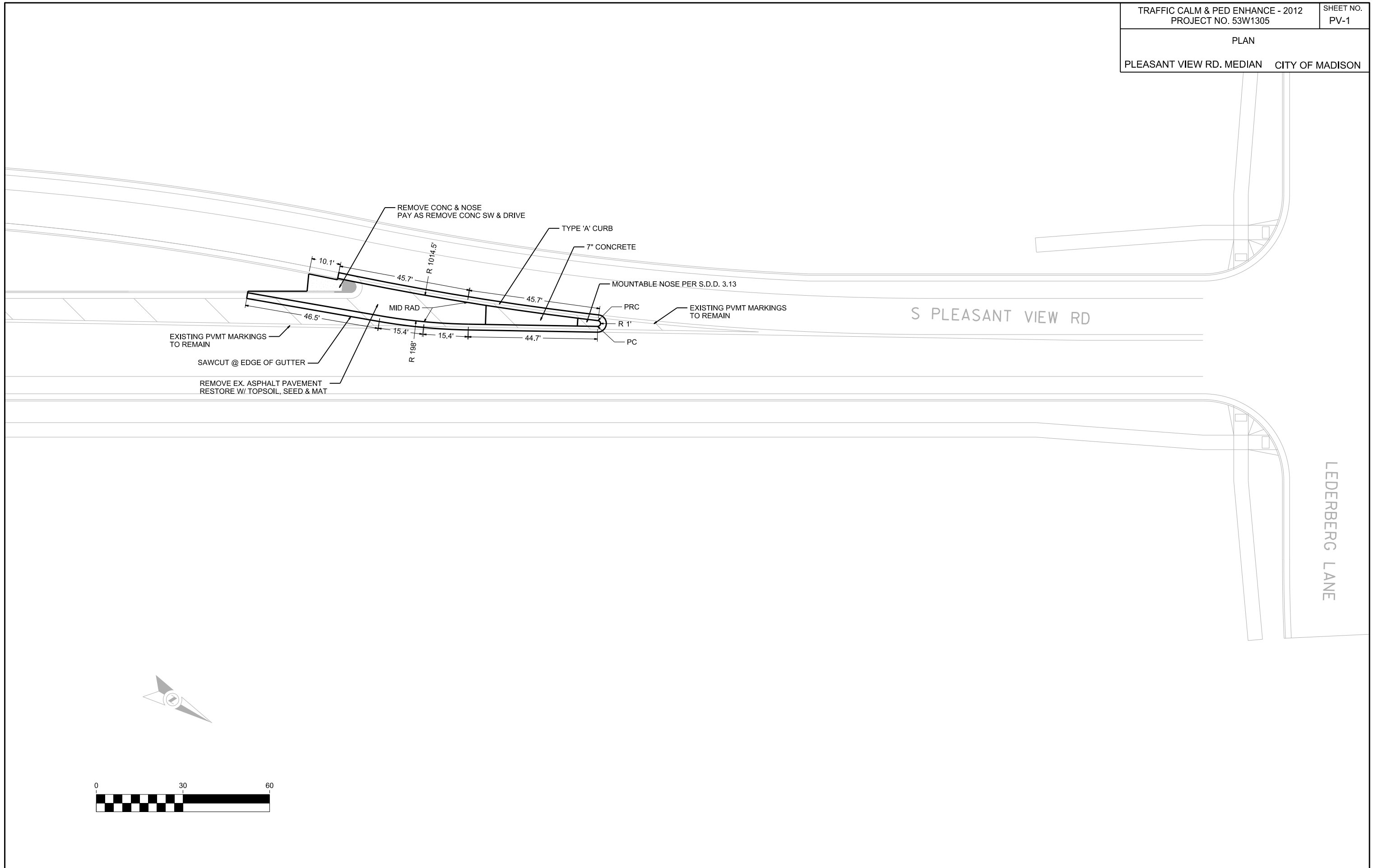
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:

PLOT NAME:

REV. DATE:

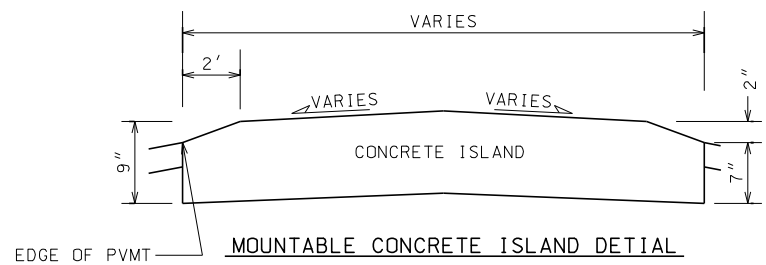
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLAN

REGENT & HIGHLAND CITY OF MADISON

REVISED 6-5-12 JMW
REVISED 8-14-12 JMW



REMOVE CONCRETE ISLAND
INSTALL 5.25" BIT PVMT, TYPE E-3
USE GRAD 2 CRUSHED AGG. AS NECESSARY
TO GRADE BASE TO PROPER ELEVATION

INSTALL MOUNTABLE CONC ISLAND
SAWCUT AT EDGE

5.25" BITUMINOUS PAVEMENT, TYPE E-3
2" UPPER LAYER, 12.5 mm
3.25" LOWER LAYER, 19 mm
4" GRAD. 2 CRUSHED AGG
6" GRAD. 1 CRUSHED AGG

INSTALL RAMP

REM & REPL CURB, TYPE 'A' OR 'X'
PAY ALL AS TYPE 'A' CURB
TAKE CARE TO NOT DAMAGE PVMT

REM EX. RAMP

7" CONC SW FOR
PED CROSS WALK

TYPE 'E' CURB

CAP EXISTING INLET

TYPE 'A' CURB

LANDSCAPING ADJACENT TO
BUILDING TO REMAIN

REM SIDEWALK
RESTORE W/ TOPSOIL & SEED

5" CONC TERRACE

MOUNTABLE CONC ISLAND NOSE

7" TEXTURED & COLORED CONCRETE
FOR ISLAND INTERIOR

REM EXISTING CONC ISLAND

REM & REPLACE CURB
INSTALL TYPE 'A' C&G

TRANSITION TO FULL CURB HEAD
PAY AS MOUNTABLE CONC ISLAND

MOUNTABLE CONC ISLAND

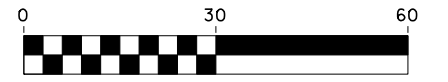
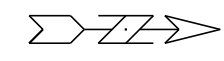
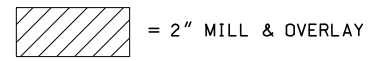
ADJUST SAS AS NECESSARY

0709-211-2302-5
MADISON METRO SCHOOL DISTRICT
WEST HIGH SCHOOL
30 ASH ST

0709-211-2301-7
RED TAIL ENTERPRISES LLC
2436 REGENT ST

NOTES:

1. CURB GRADES TO BE PROVIDED BY ENGINEER PRIOR TO CONSTRUCTION
2. CONCRETE ISLAND REMOVAL TO BE PAID AS REMOVE CONCRETE SIDEWALK & DRIVE
3. ALL ISLANDS SHALL HAVE MOUNTABLE NOSES PER S.D.D. 3.13



PLOT SCALE: 1" = 30'

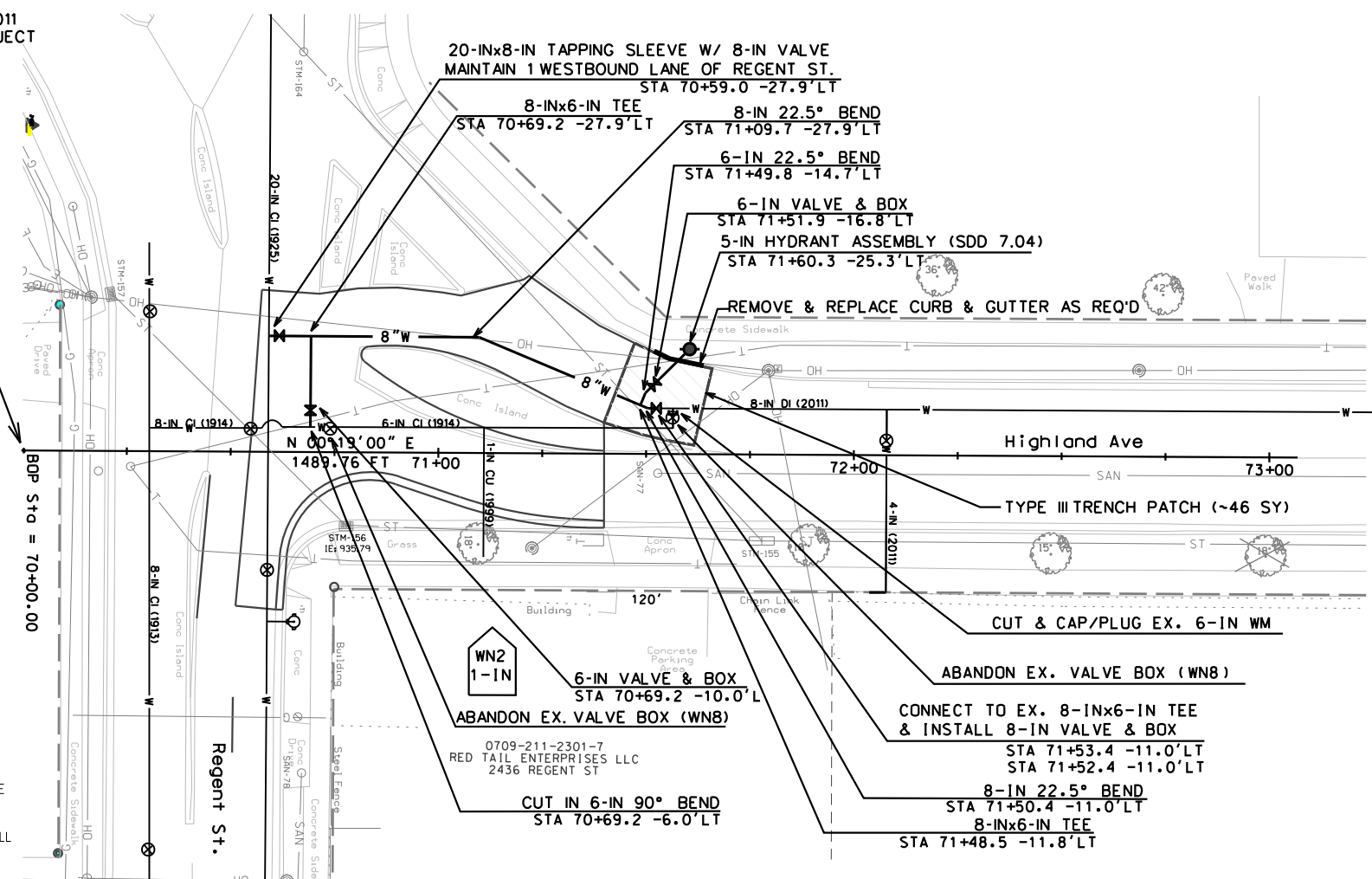
PLOT NAME: REGENT EGPT

REV. DATE: 8/15/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STATIONING: REFERENCE 2011 UNIVERSITY HIGHLAND PROJECT 53W0609

TRAFFIC CALM & PED ENHANCE - 2012 PROJECT NO. 53W1305	SHEET NO. R-2
WATER PLAN, PROFILE & MATERIALS EST.	
REGENT & HIGHLAND	CITY OF MADISON
PM: D. CAWLEY, PE	DESIGNER: A. WIEDERHOEFT



ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

- ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.
- 40' - 6" PIPE
- 100' - 8" PIPE
- 155' - POLYWRAP
- 1 - 5" HYDRANT
- 2 - 6" VALVES AND BOXES
- 1 - 8" VALVE AND BOX
- 2 - 8"x6" TEES
- 1 - 6" 22.5° BEND
- 1 - 6" 90° BEND
- 2 - 8" 22.5° BENDS
- 1 - 6" CAP
- 1 - 8" MJ PLUG
- 8' - 2" STYROFOAM INSULATION
- 1" COPPER TUBING (AS REQ'D)

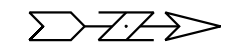
MATERIALS SUPPLIED BY CITY:

- 1 - 20"x8" TAPPPING SLEEVE W/ 8" VALVE & BOX

CONSTRUCTION NOTES:

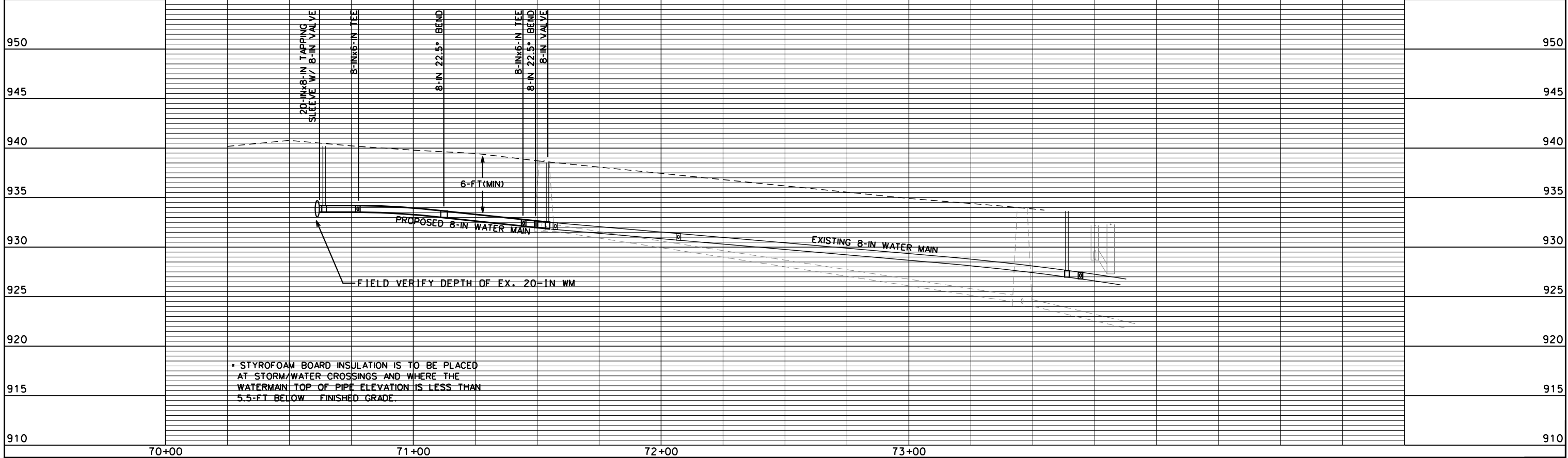
- CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE. UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
- VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
- MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
- EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
- THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



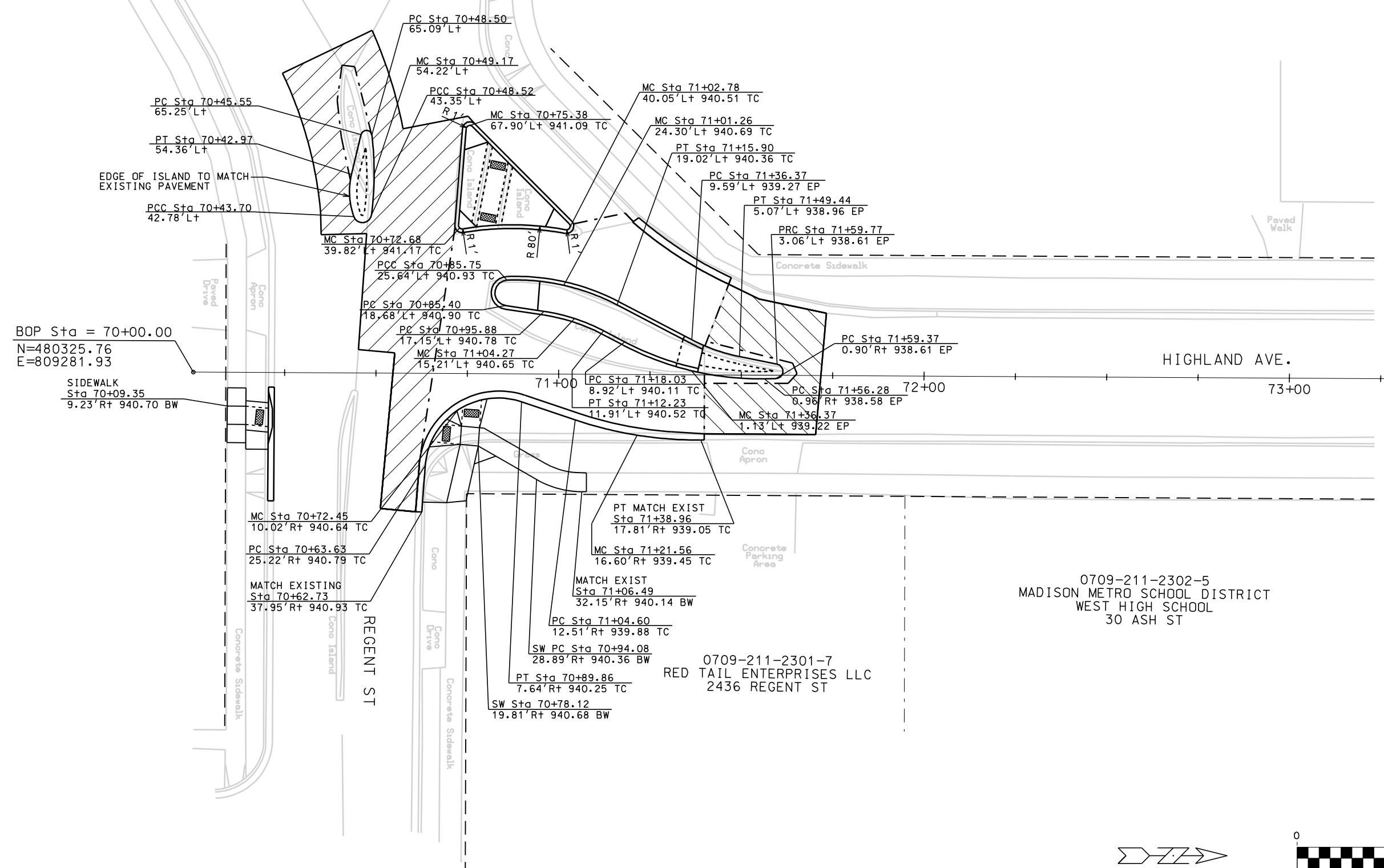
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE 811
or 1-800-242-8511
TOLL FREE
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



* STYROFOAM BOARD INSULATION IS TO BE PLACED AT STORM/WATER CROSSINGS AND WHERE THE WATERMAIN TOP OF PIPE ELEVATION IS LESS THAN 5.5-FT BELOW FINISHED GRADE.

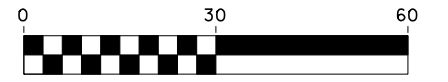
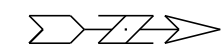
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



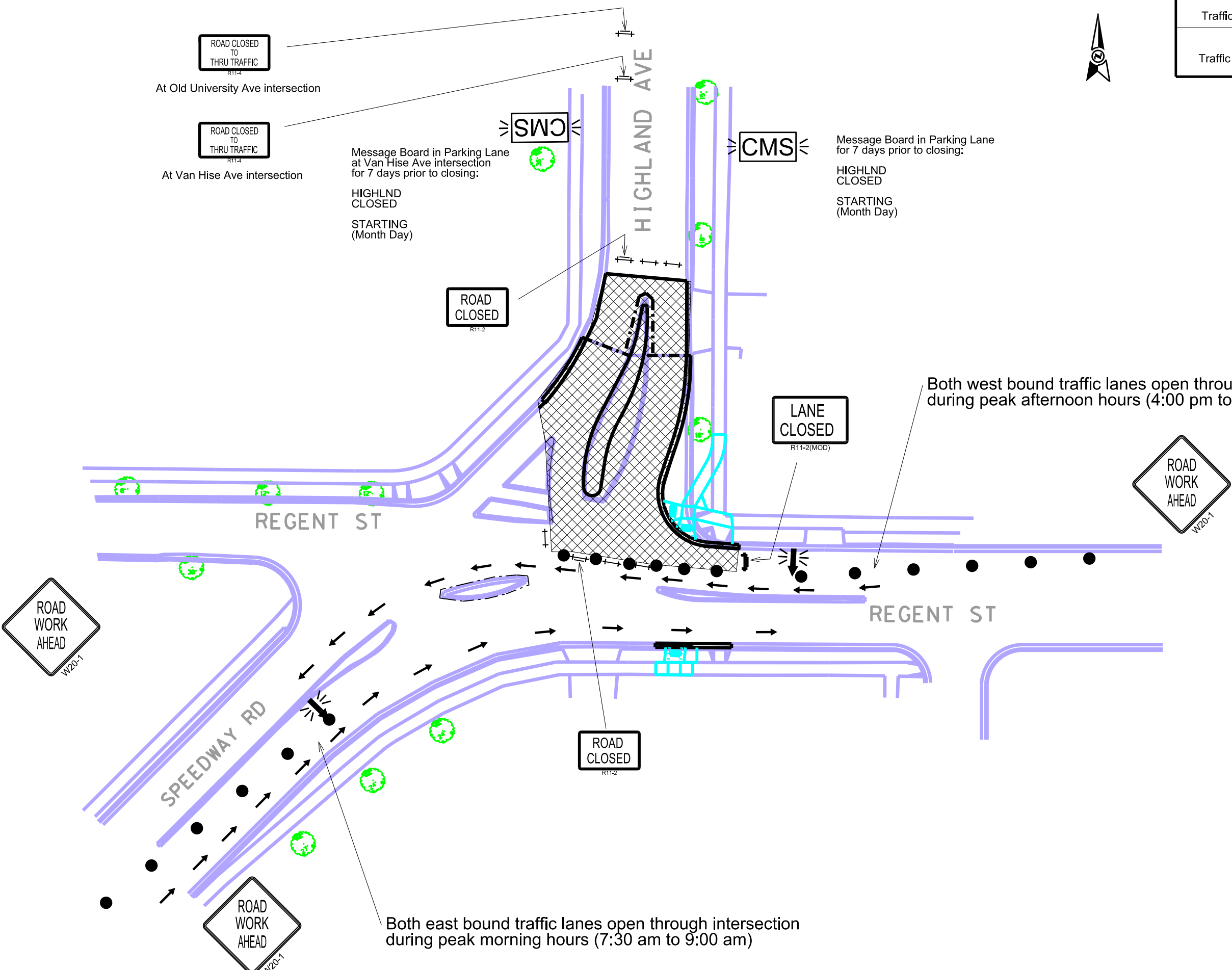
PLOT SCALE: 1" = 30'

PLOT NAME: REGENT EGPT PLAN

REV. DATE: 8/15/2012



ORIGINATOR: CITY OF MADISON, STREETS DIVISION



LEGEND

●	DRUM DELINEATOR
+	TYPE 3 BARRICADE
+	TYPE 3 BARRICADE W/SIGN
←	ELECTRONIC ARROWBOARD
⊠	WORK ZONE
⊠ CMS ⊠	ELECTRONIC ARROWBOARD

PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

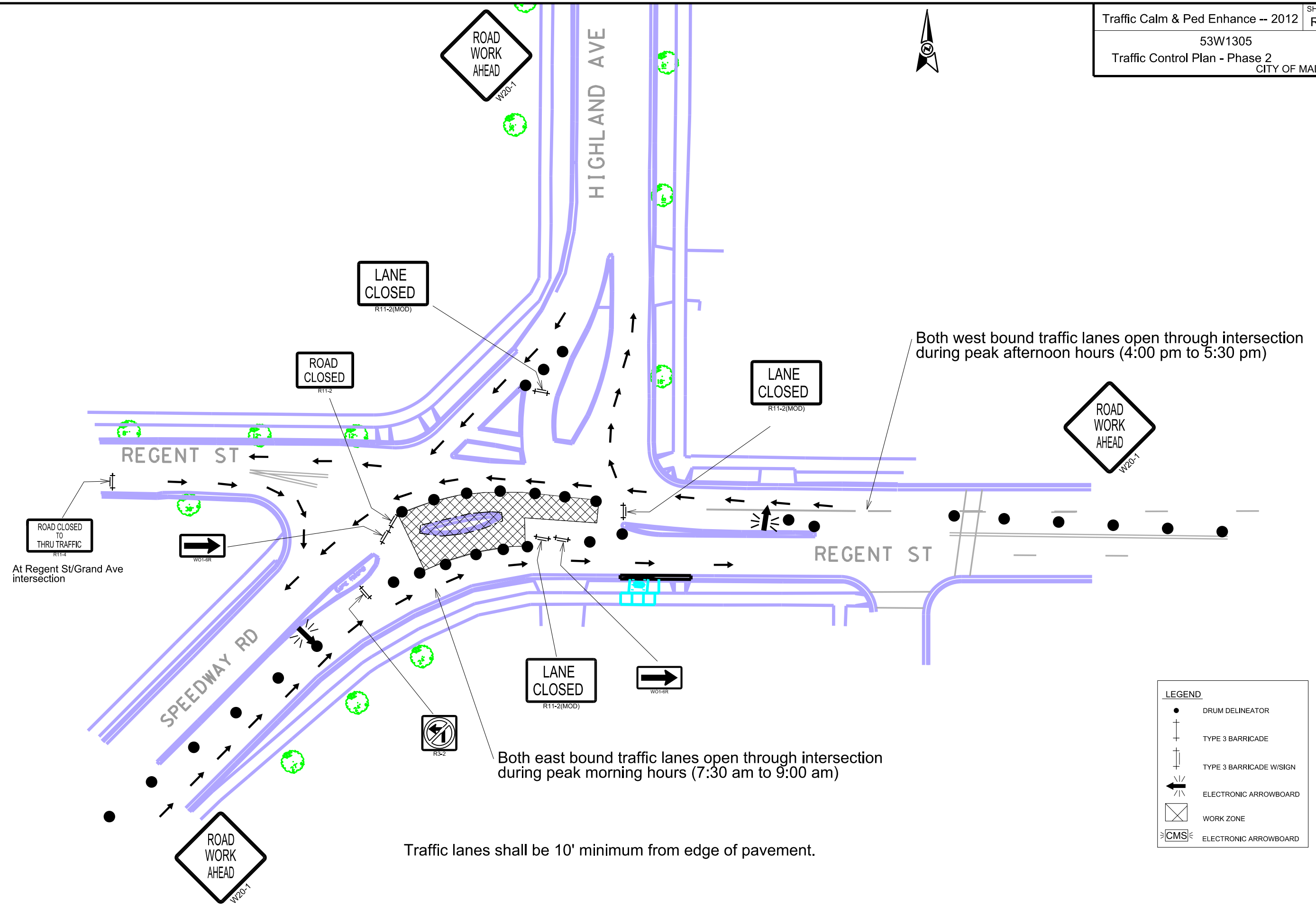


PLOT SCALE:

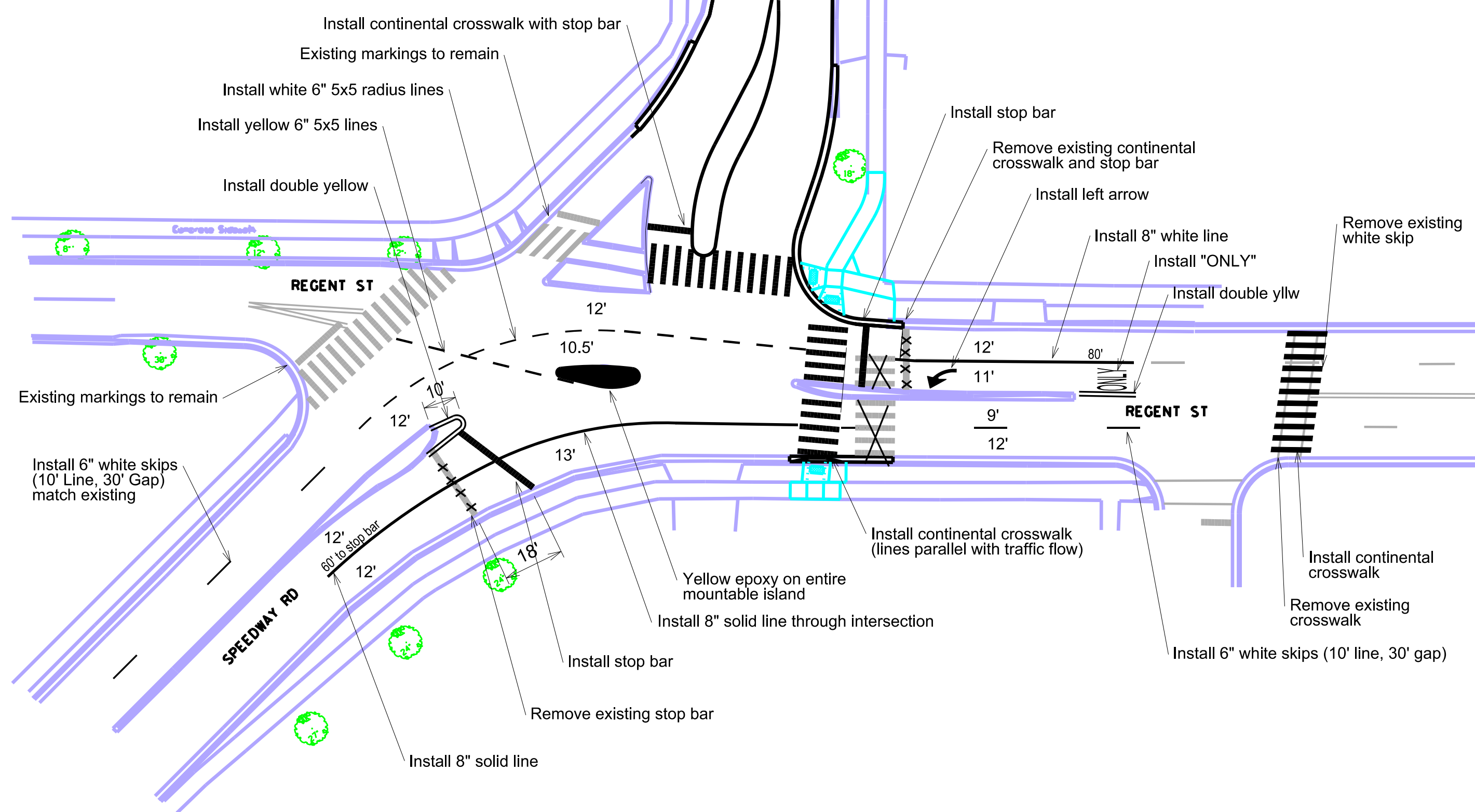
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
●	DRUM DELINEATOR
+	TYPE 3 BARRICADE
+	TYPE 3 BARRICADE W/SIGN
←	ELECTRONIC ARROWBOARD
⊗	WORK ZONE
⊳CMS⊲	ELECTRONIC ARROWBOARD



Contact Traffic Engineering 267-8725 to assist with final layout of markings.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



NOTES:

- 1. CONSTRUCT SPEED HUMP PER S.D.D. 4.10
- 2. SPEED HUMP LOCATION SHALL BE ACCORDING TO PLAN DIMENSIONS
- 3. SPEED HUMPS SHALL NOT BE LOCATED ON A SAS CASTING NOR WITHIN 5 FT OF A DRIVEWAY. CONTACT THE ENGINEER IF THERE IS A CONFLICT

1106

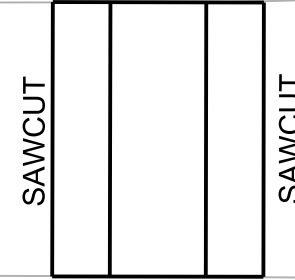
1114

1118

1122

SHERMAN AV

N INGERSOLL ST



28.5'

25'

1107-09

1113

1115

1117

1123

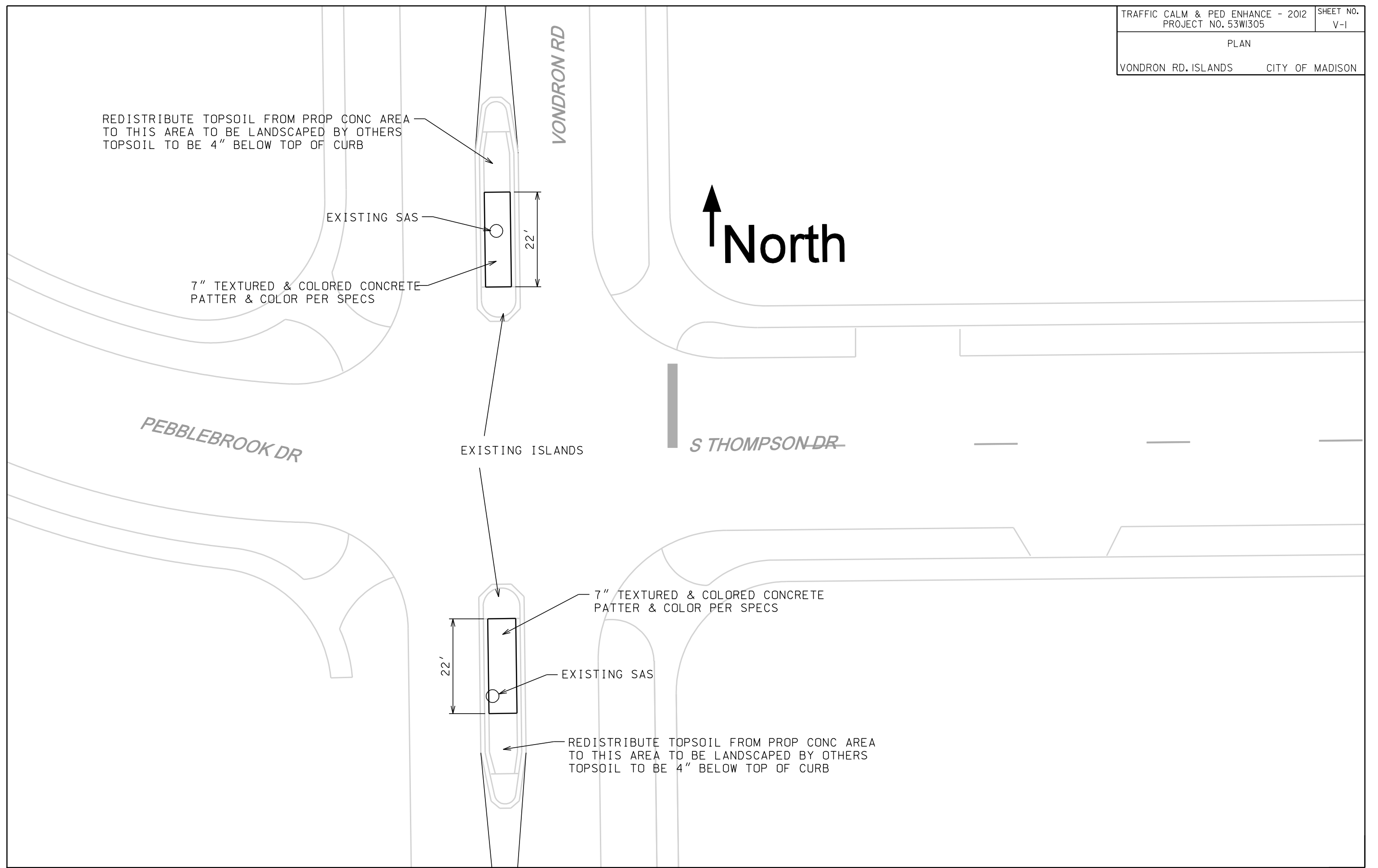
SPEED HUMP CENTERED BETWEEN
1117 AND 1123 SHERMAN AV. DRIVEWAYS

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:
PLOT NAME:
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION