

Madison, Wisconsin

INDEX OF SHEETS

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SHEET NO. E-1	JOHN NOLEN DR ELECTRICAL PLAN
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NO MAINTENANCE PLAN

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

LOCAL ROAD TRAFFIC CALMING & ARTERIAL PEDESTRIAN ENHANCEMENTS-2021

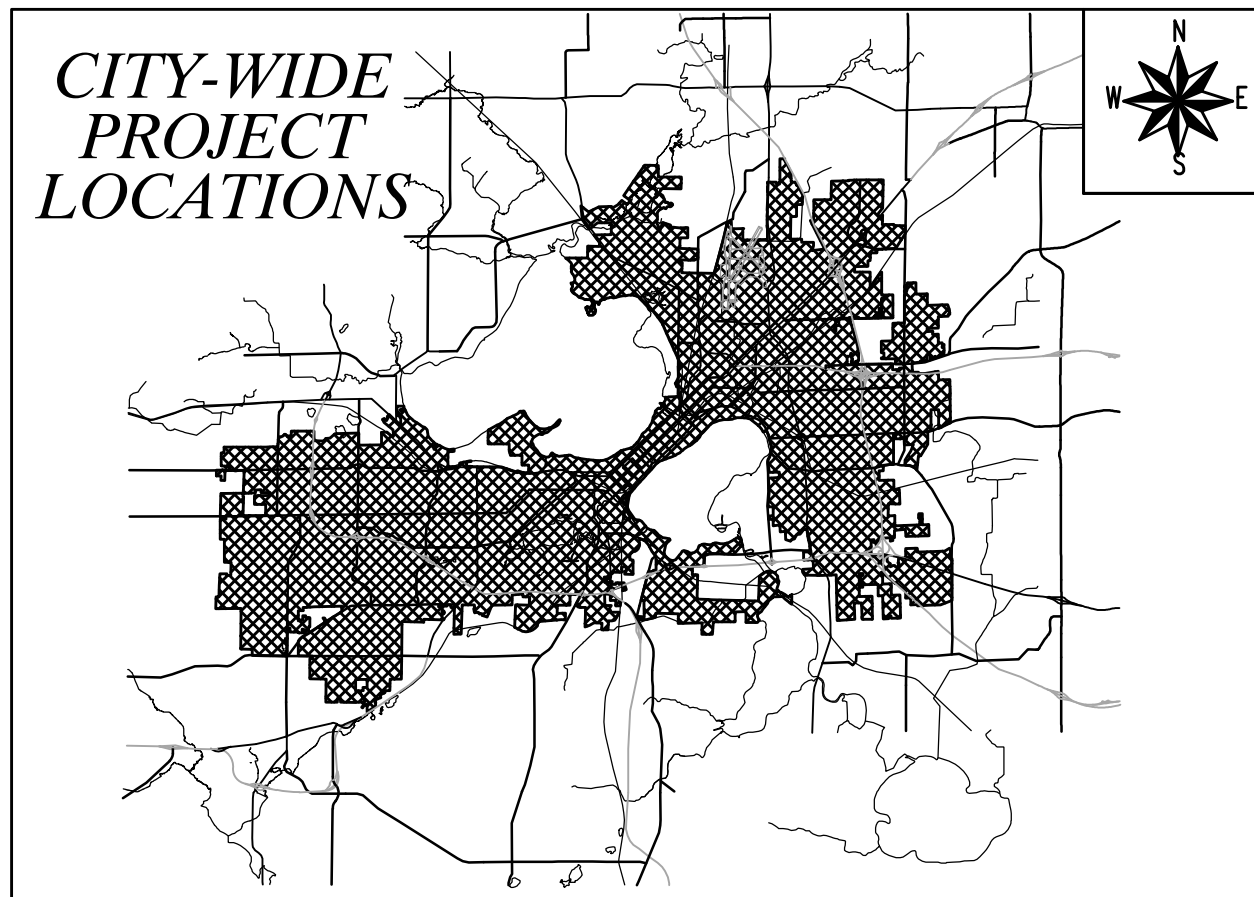
CITY PROJECT NO. 13264
CONTRACT NO. 8570

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
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 1.50%. 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%.



EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY) = 540 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT = 0 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 540 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: JUNE 1, 2021

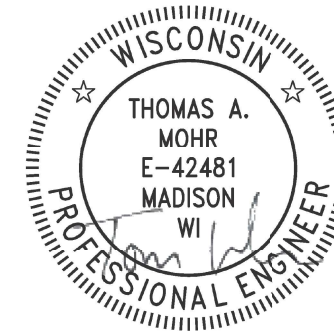
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries Jun 10, 2021

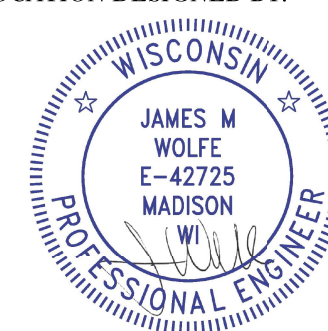
City Engineer Date

GEOMETRICS & PAVEMENT MARKINGS DESIGNED BY:



Jun 10, 2021

JOHN NOLEN DR. LOCATION DESIGNED BY:



Jun 10, 2021

LIGHTING & SIGNALS DESIGNED BY:



Jun 10, 2021

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 6/10/2021 10:10 AM

ORIGINATOR: CITY_OF_MADISON

NOTES:
1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
2. INSTALL SPEED HUMP PER S.D.D. 4.10.



4362
4360
4358
4356
4354
4352
4350
4348
4346
4344
4342
4340
4338
253A
1710

NIEMANN PL

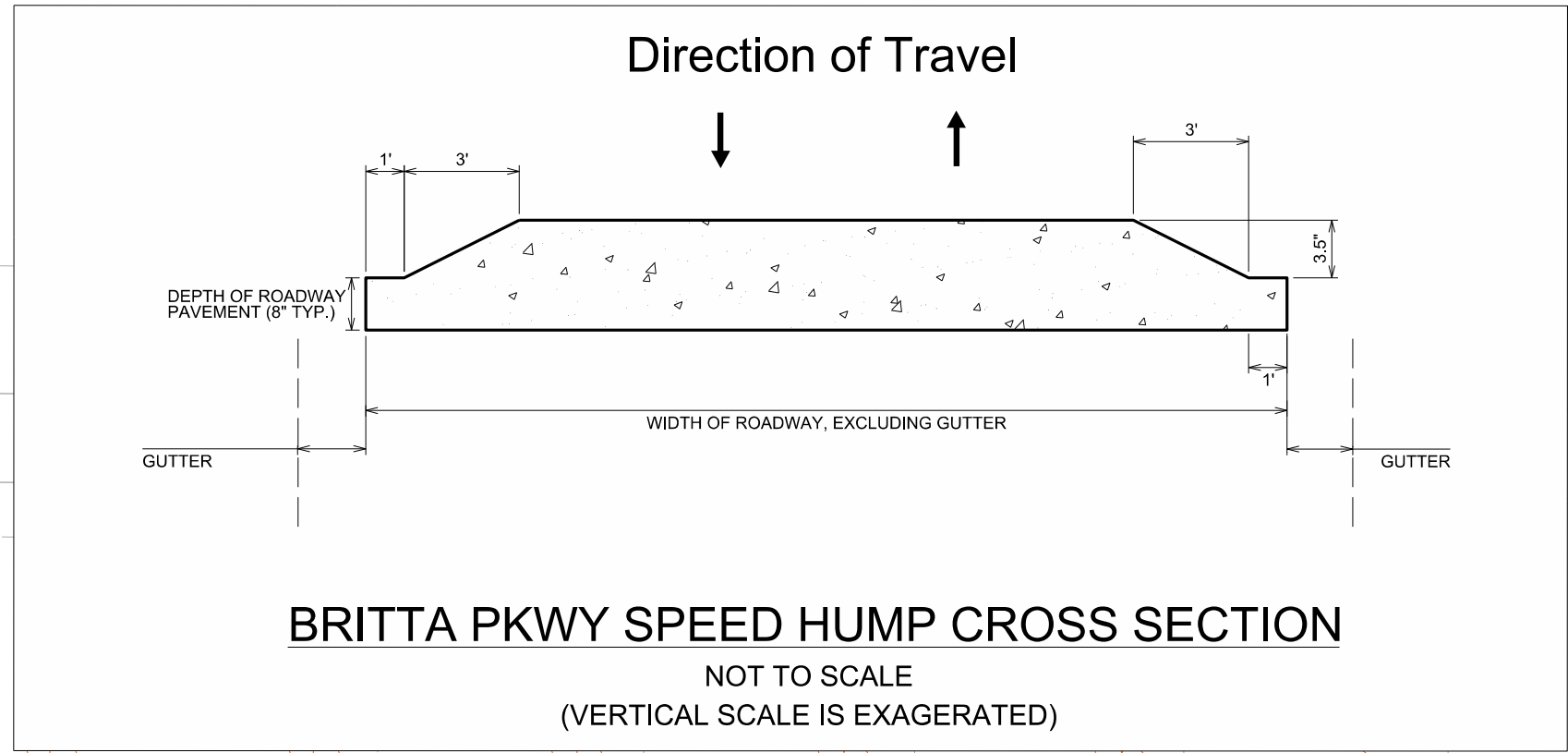
SPEED HUMP

SPEED HUMP

BRITTA PKWY

HELENE PKWY

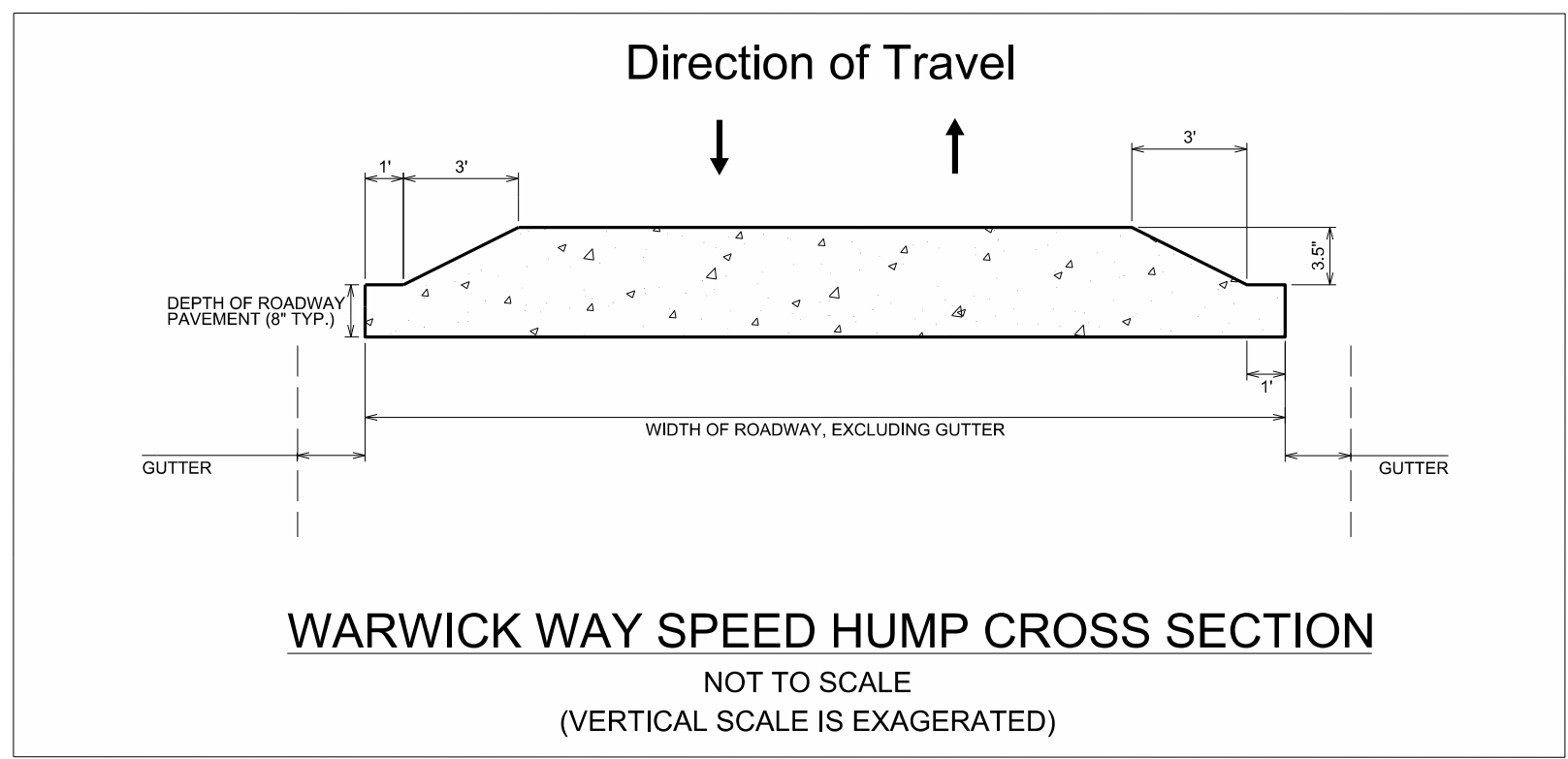
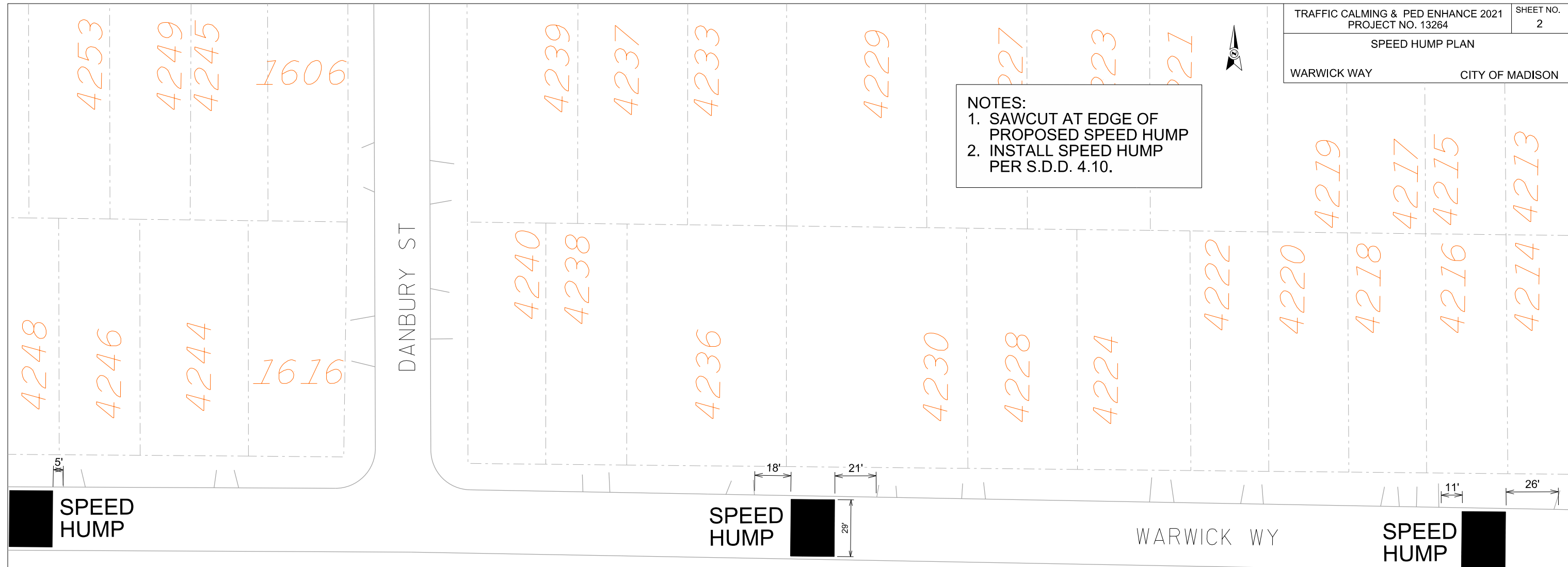
1801



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

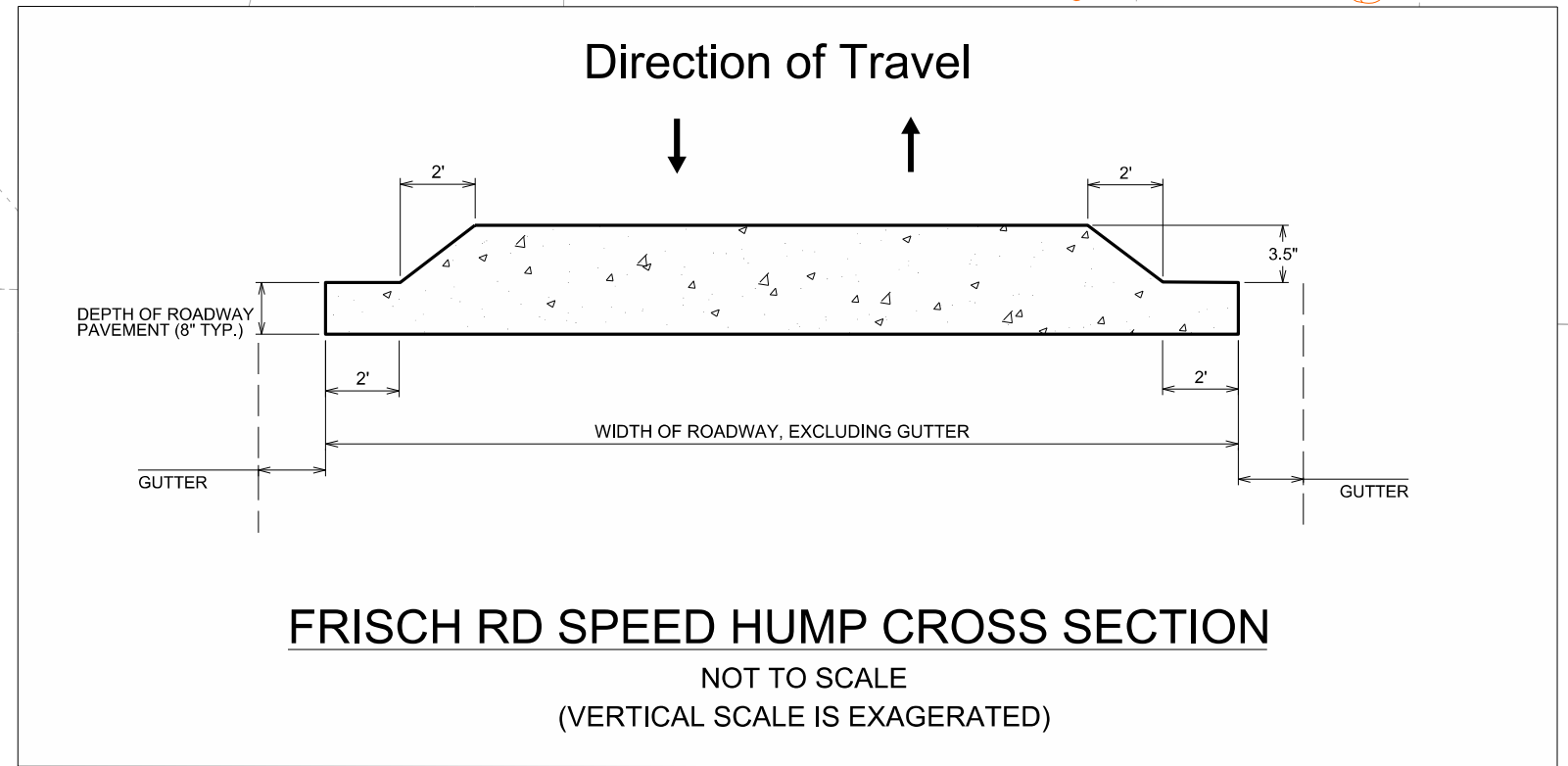
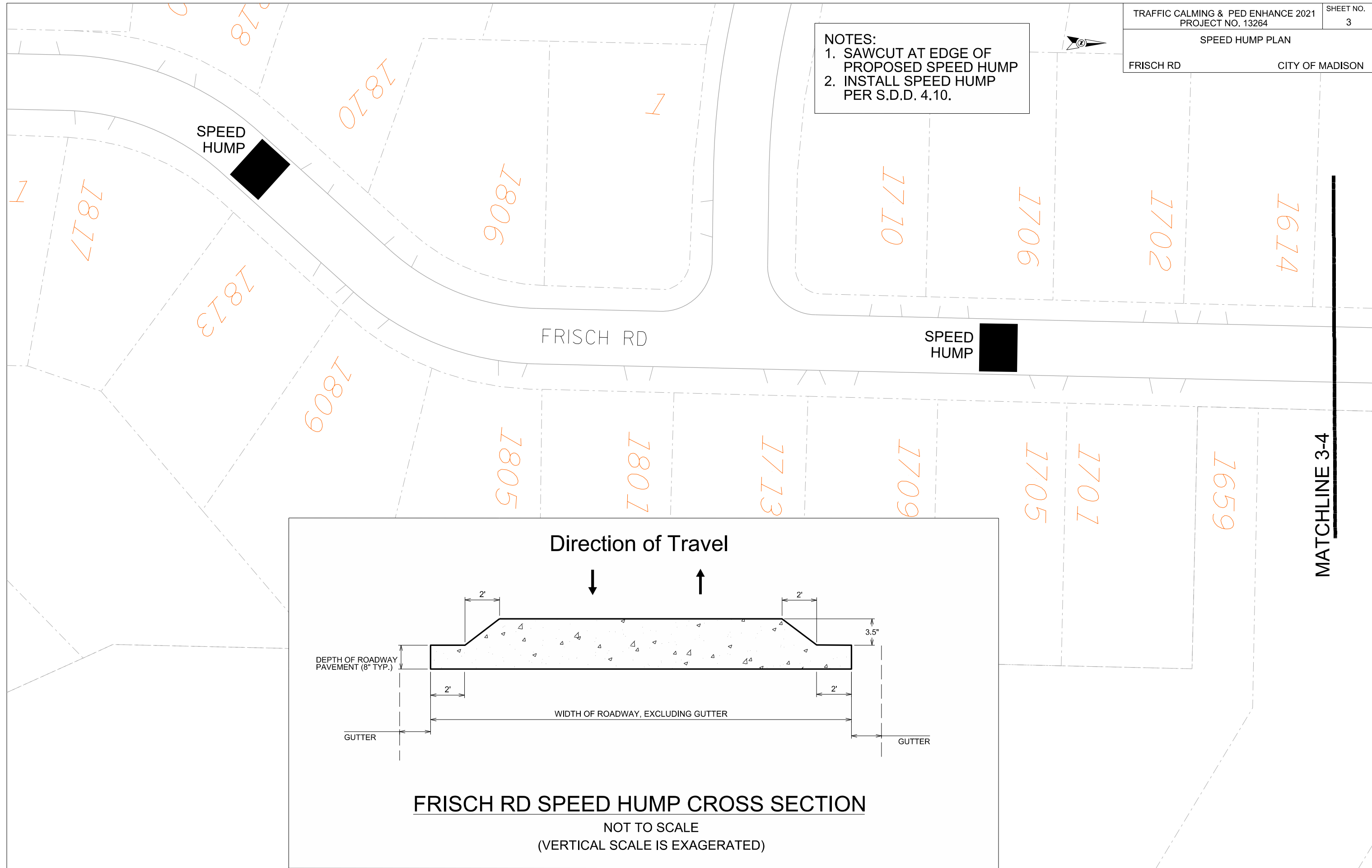


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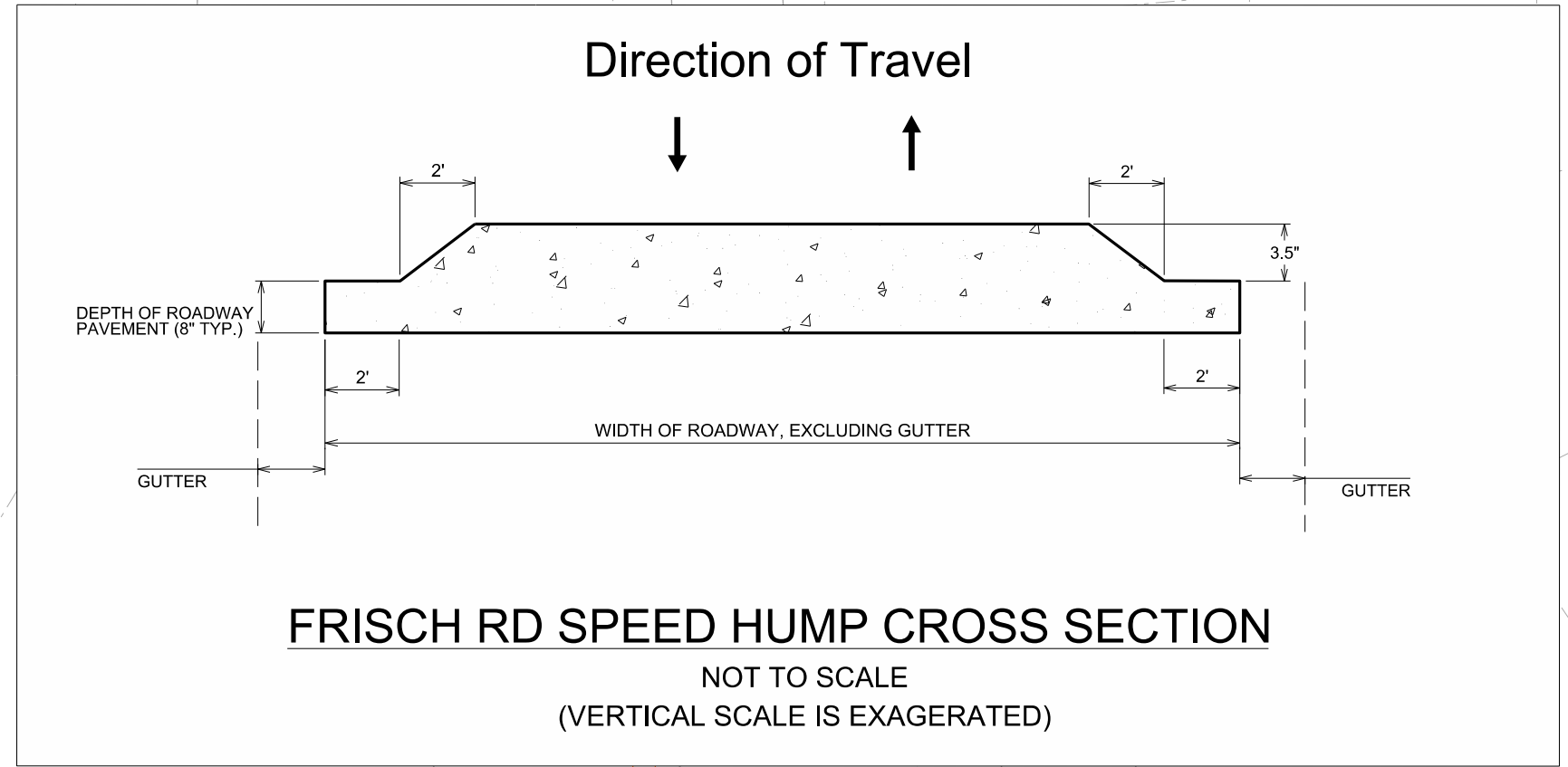
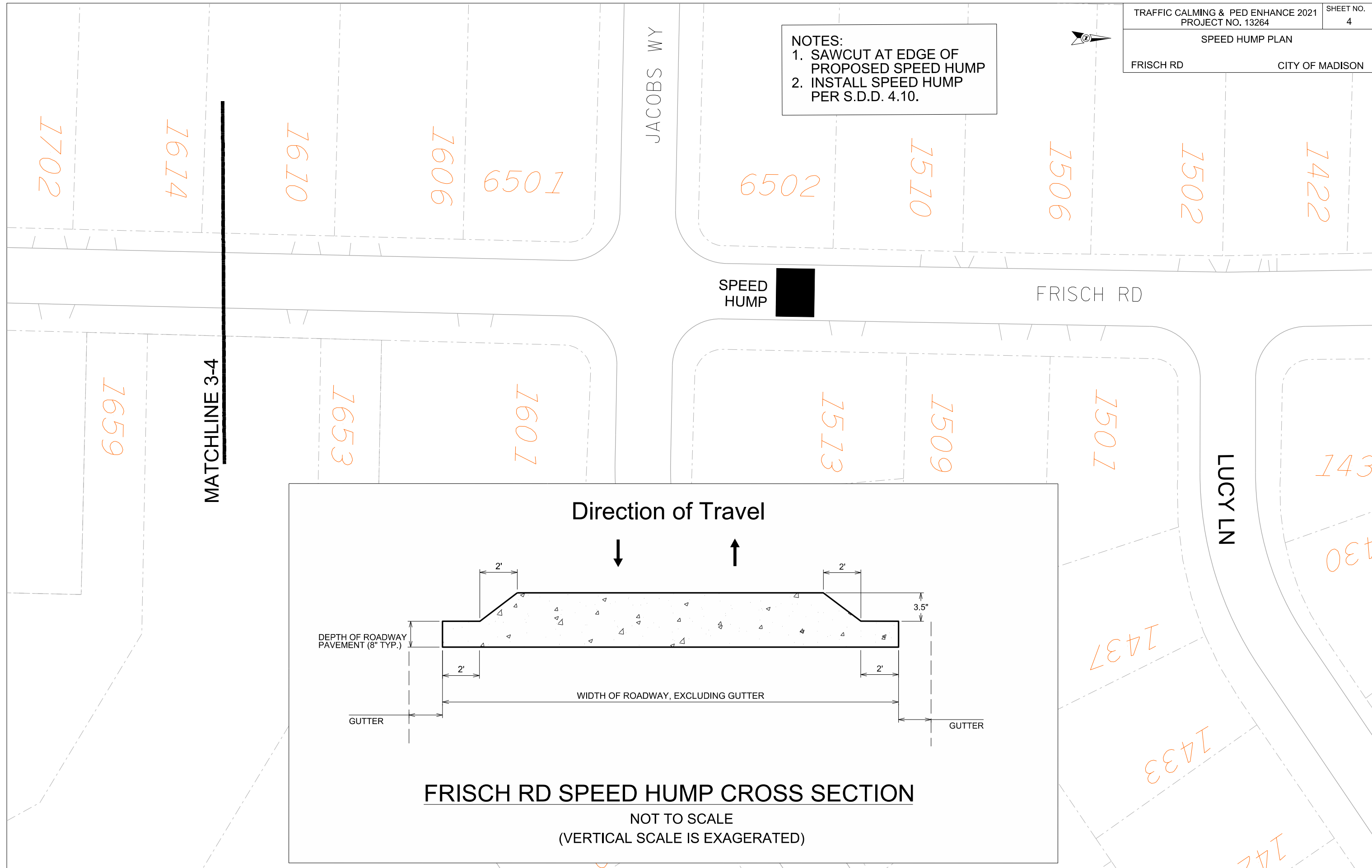
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

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

NOTES:
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2. INSTALL SPEED HUMP PER S.D.D. 4.10.



FRISCH RD SPEED HUMP CROSS SECTION
NOT TO SCALE
(VERTICAL SCALE IS EXAGGERATED)

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

SPEED HUMP PLAN

INNER DR

CITY OF MADISON



NOTES:
1. SAWCUT AT EDGE OF
PROPOSED SPEED HUMP
2. INSTALL SPEED HUMP
PER S.D.D. 4.10.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

N

6426

6422

6421

6418

6417

6414

6410

6406

6402

INNER DR

23'

47'

SPEED
HUMP

30'

42'

SPEED
HUMP

23'

6433

QUARTERDECK DR

1

5

6421

6417

6413

6409

6405

6401

MATCHLINE 5-6

410

SPEED HUMP PLAN

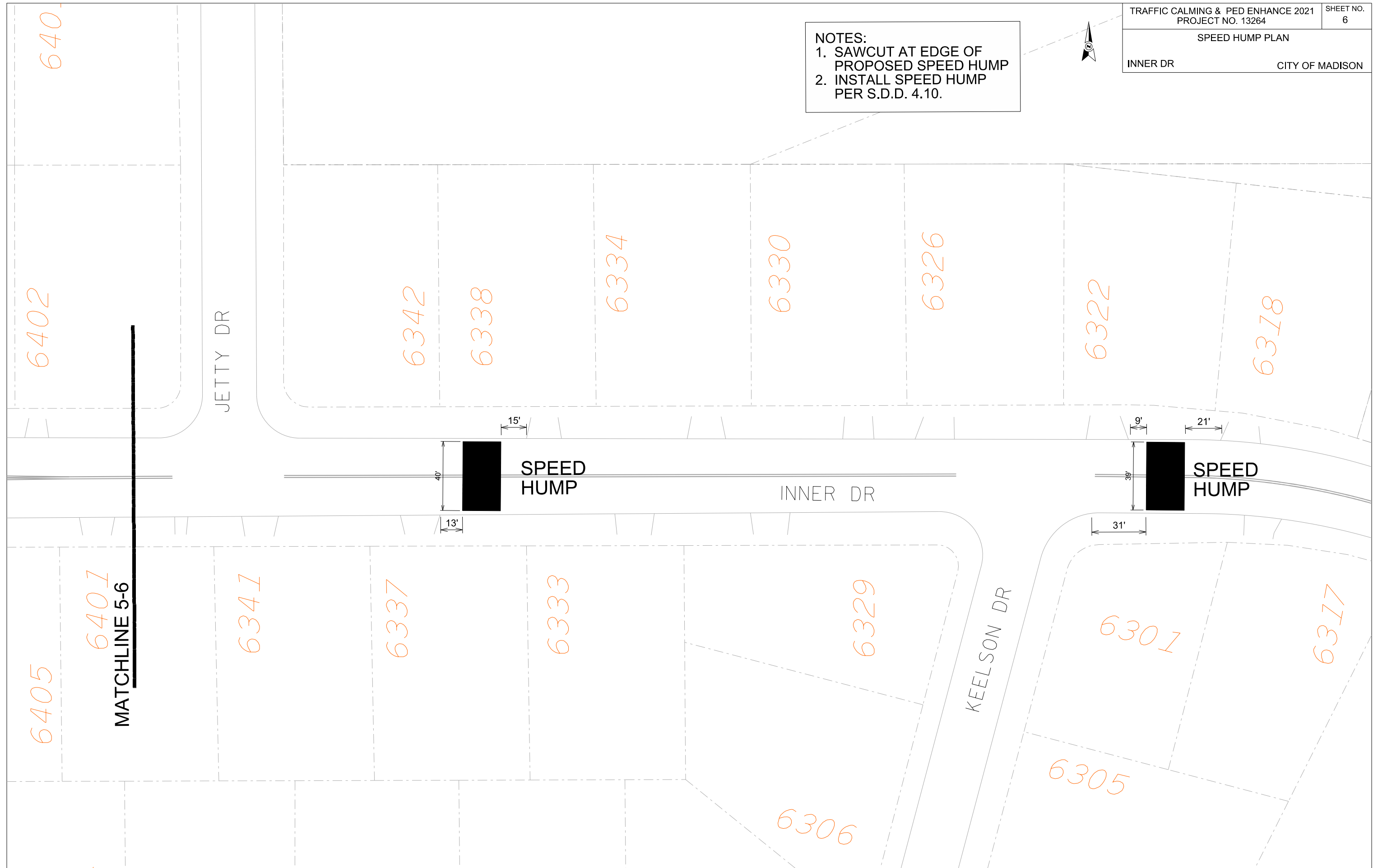
INNER DR

CITY OF MADISON



NOTES:
1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
2. INSTALL SPEED HUMP PER S.D.D. 4.10.

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



NOTES:
 1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
 2. INSTALL SPEED HUMP PER S.D.D. 4.10.



542
540
538
534
530
526
522
518
514
510
508
506

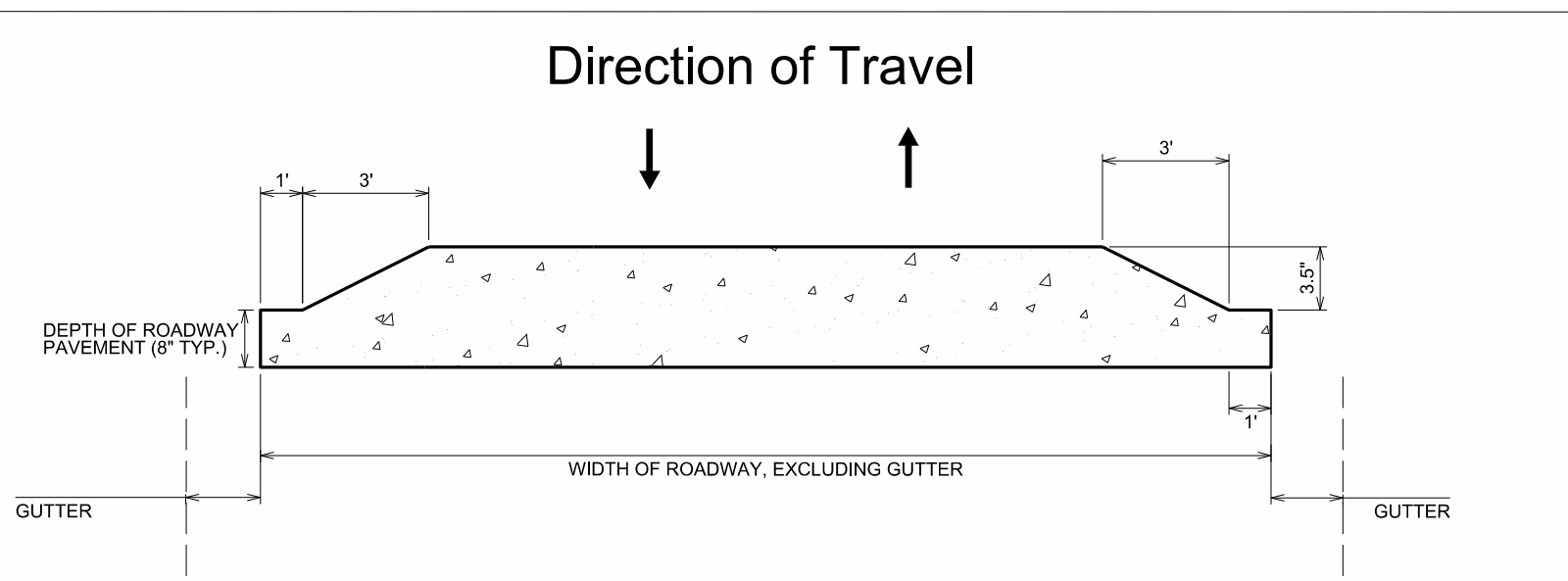
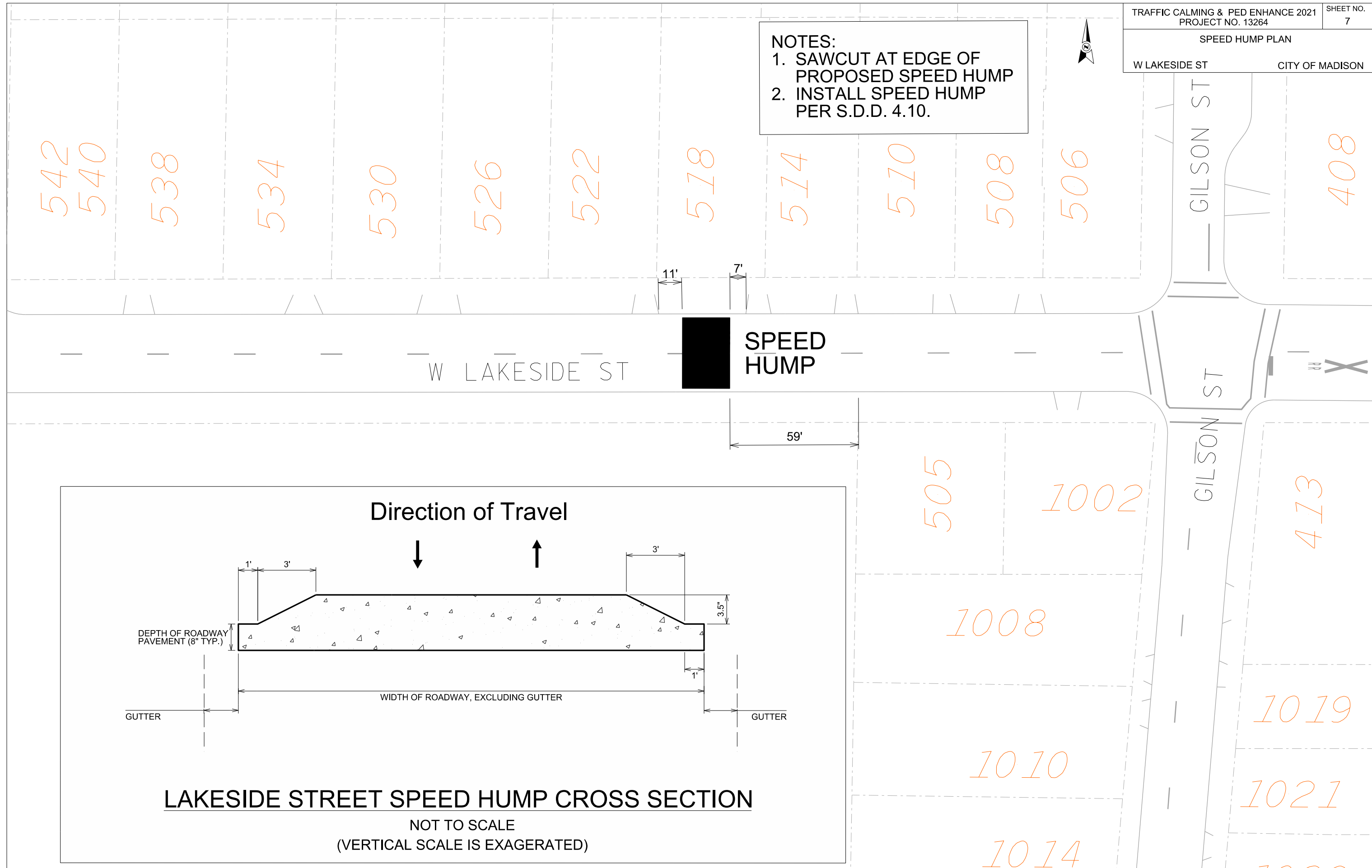
GILSON ST
408

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LAKESIDE STREET SPEED HUMP CROSS SECTION
 NOT TO SCALE
 (VERTICAL SCALE IS EXAGGERATED)

505
1002
1008
1010
1014
473
1019
1021

NOTES:
 1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
 2. INSTALL SPEED HUMP PER S.D.D. 4.10.

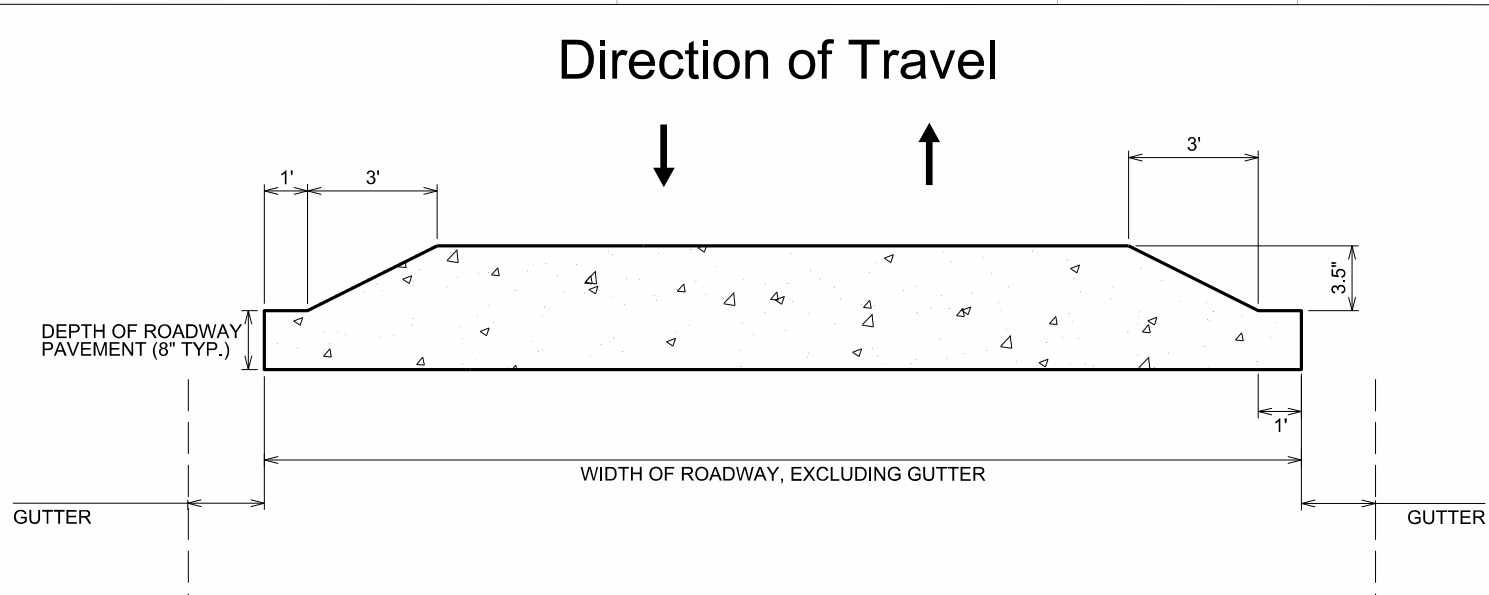
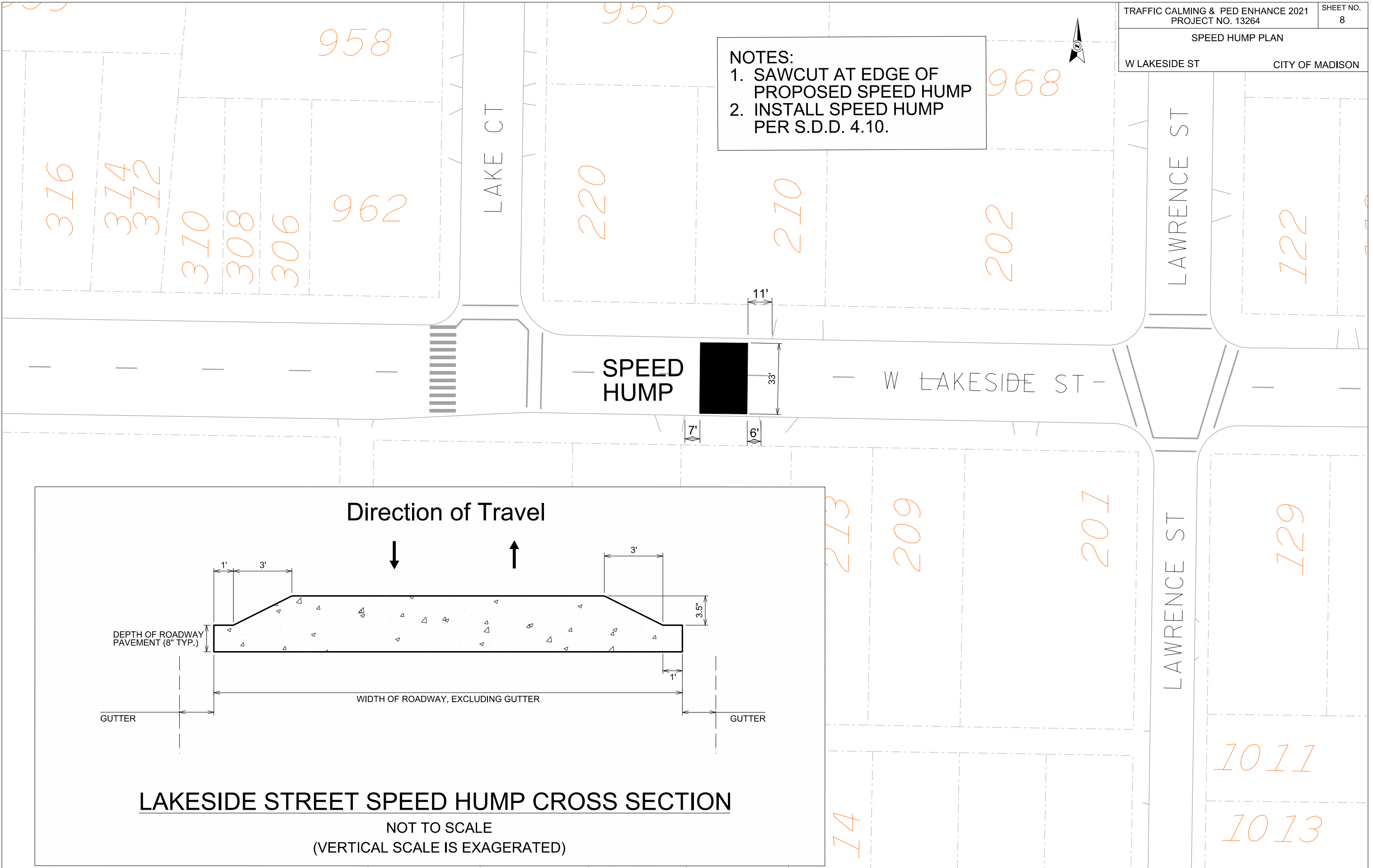


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REV. DATE:

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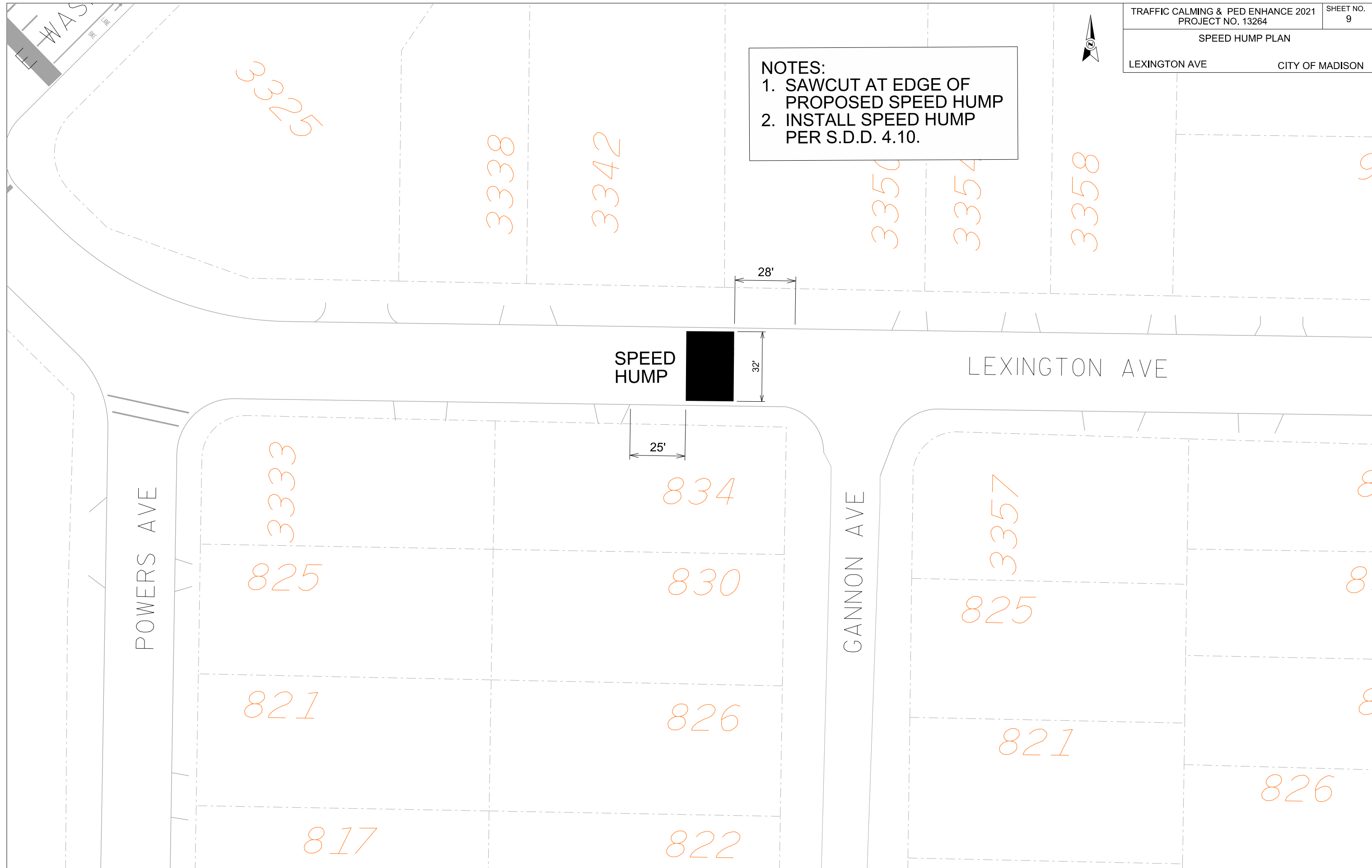
LAKESIDE STREET SPEED HUMP CROSS SECTION

NOT TO SCALE
 (VERTICAL SCALE IS EXAGGERATED)

SPEED HUMP PLAN
LEXINGTON AVE CITY OF MADISON



NOTES:
1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
2. INSTALL SPEED HUMP PER S.D.D. 4.10.



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SPEED HUMP PLAN

PUTNAM RD

CITY OF MADISON



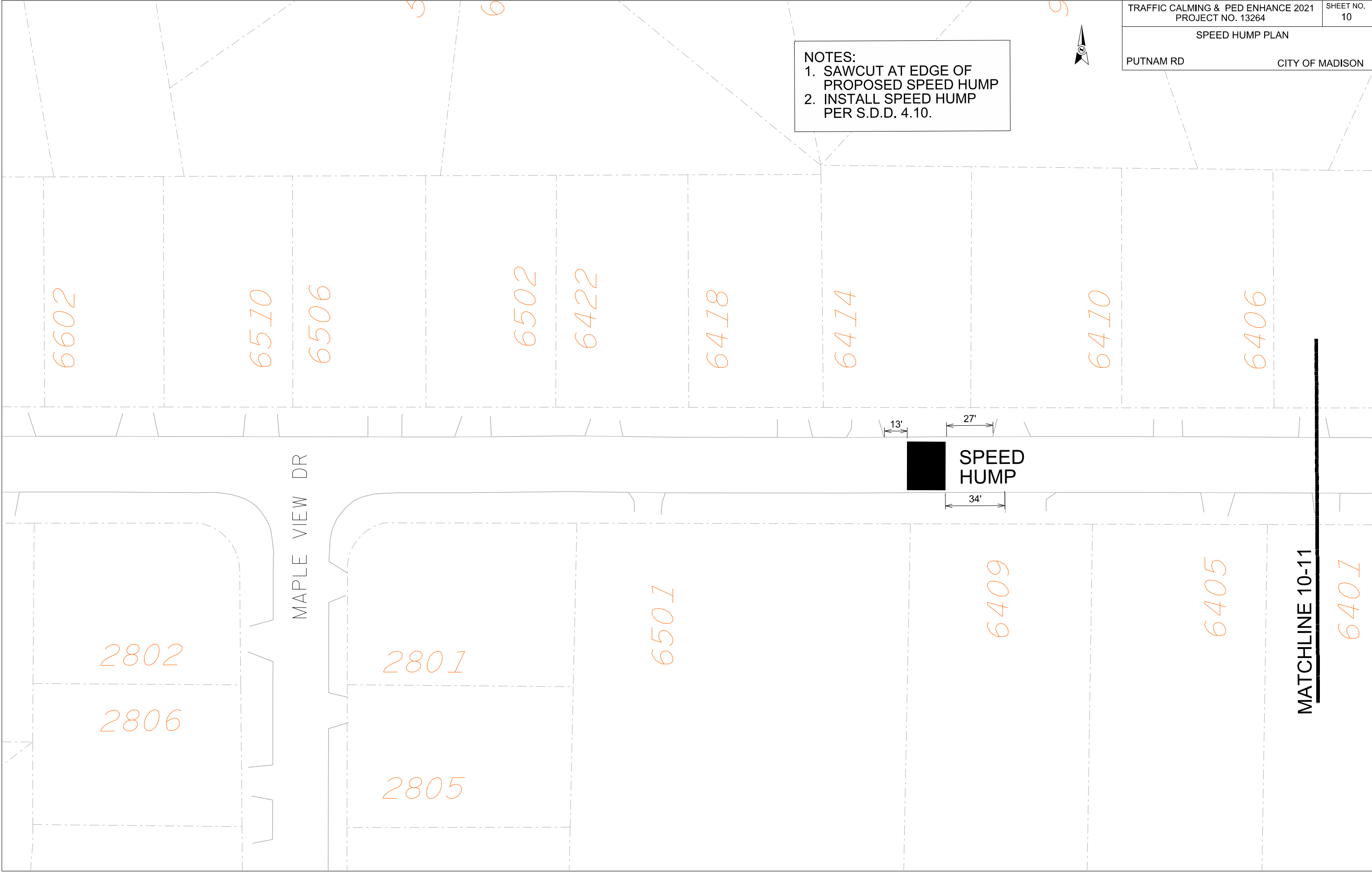
NOTES:
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PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SPEED HUMP PLAN

PUTNAM RD

CITY OF MADISON



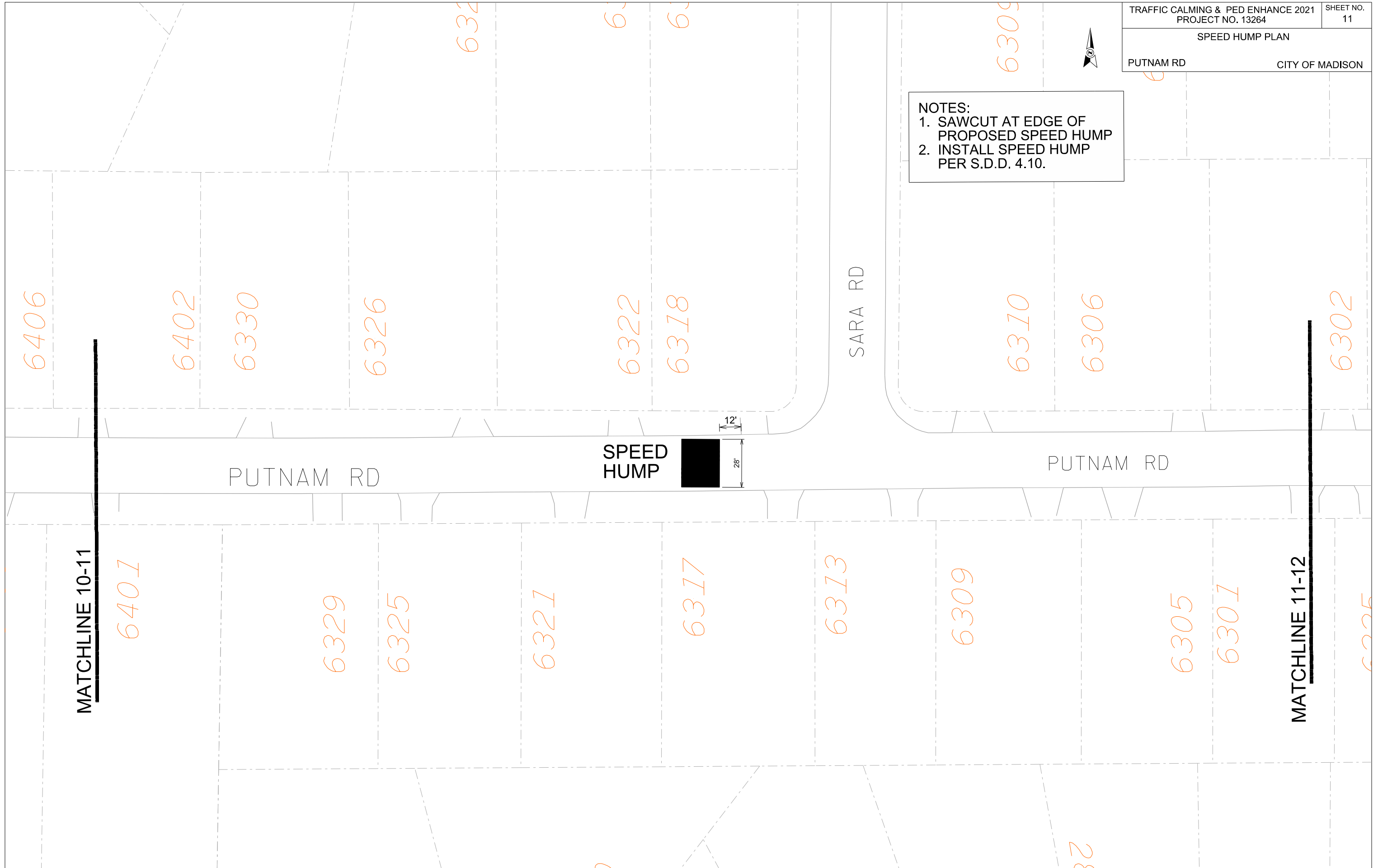
- NOTES:
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PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



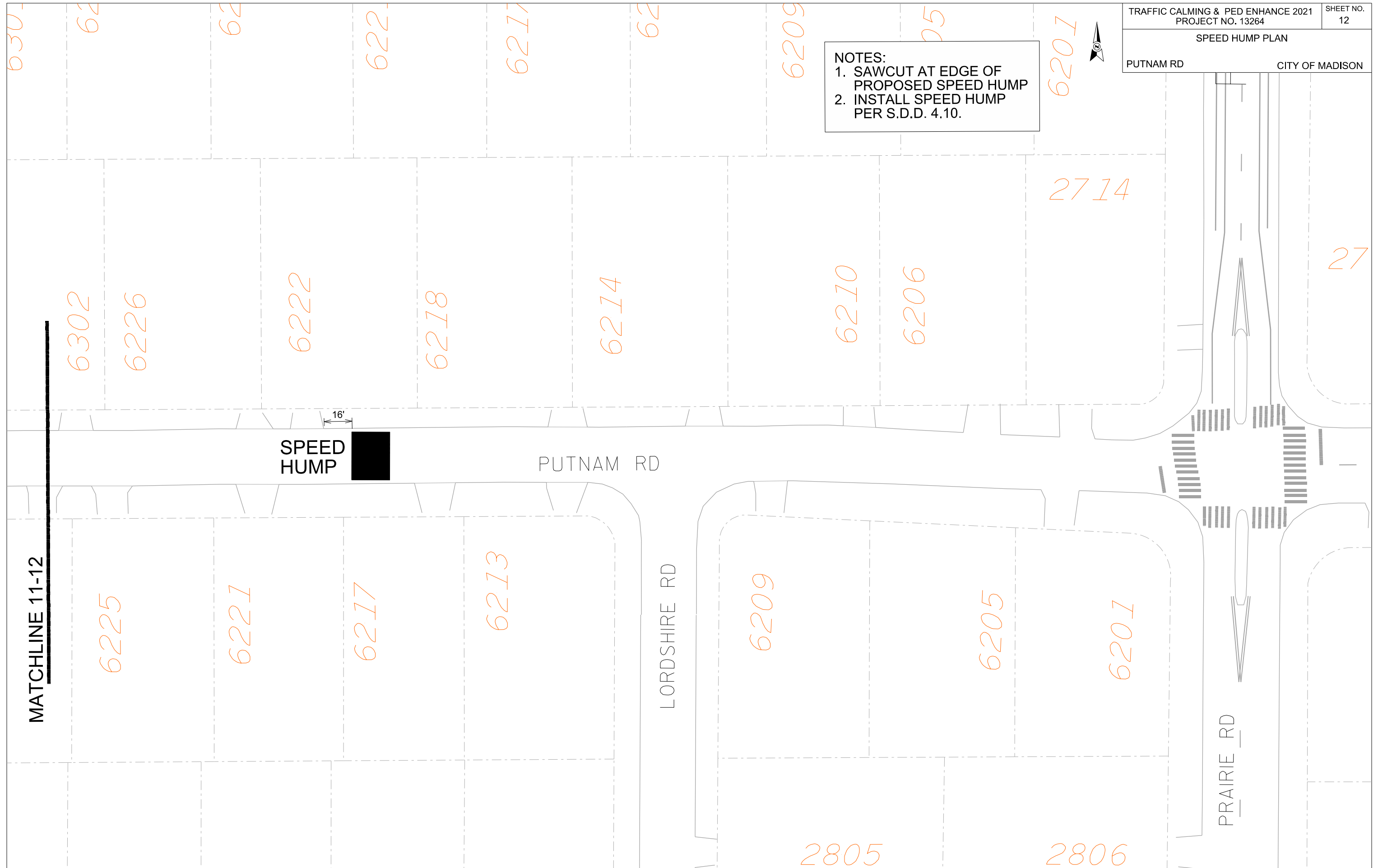
SPEED HUMP PLAN

PUTNAM RD

CITY OF MADISON



NOTES:
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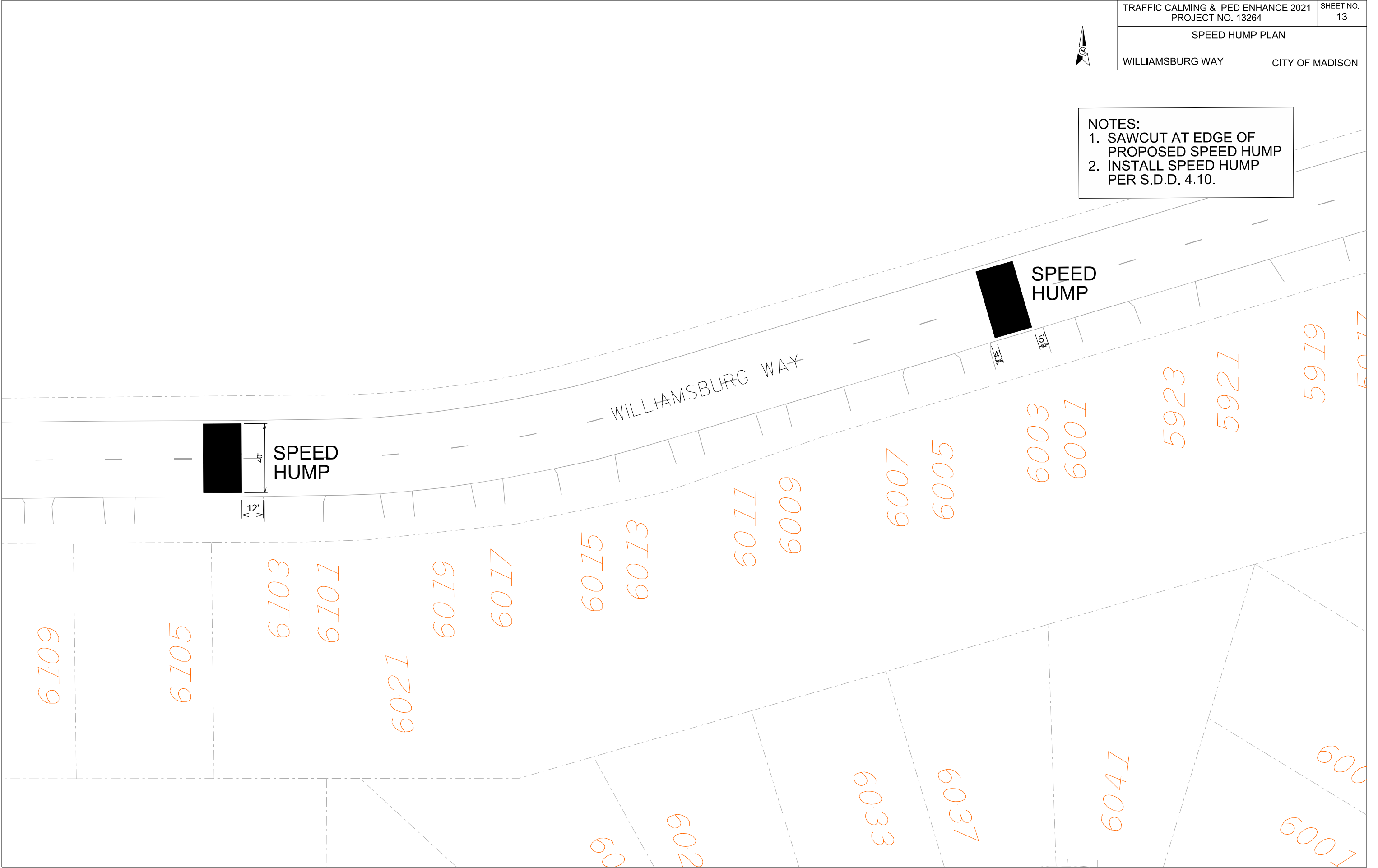
- NOTES:
- 1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
 - 2. INSTALL SPEED HUMP PER S.D.D. 4.10.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SPEED HUMP PLAN

RIEDER RD

CITY OF MADISON



3107

3105

3103

3101

3910

3914

3918

3920

3922

3926

3930

74'

29'

SPEED HUMP

RIEDER RD

SPEED HUMP

NOTES:
1. SAWCUT AT EDGE OF PROPOSED SPEED HUMP
2. INSTALL SPEED HUMP PER S.D.D. 4.10.

PLOT SCALE:

PLOT NAME:

REV. DATE:

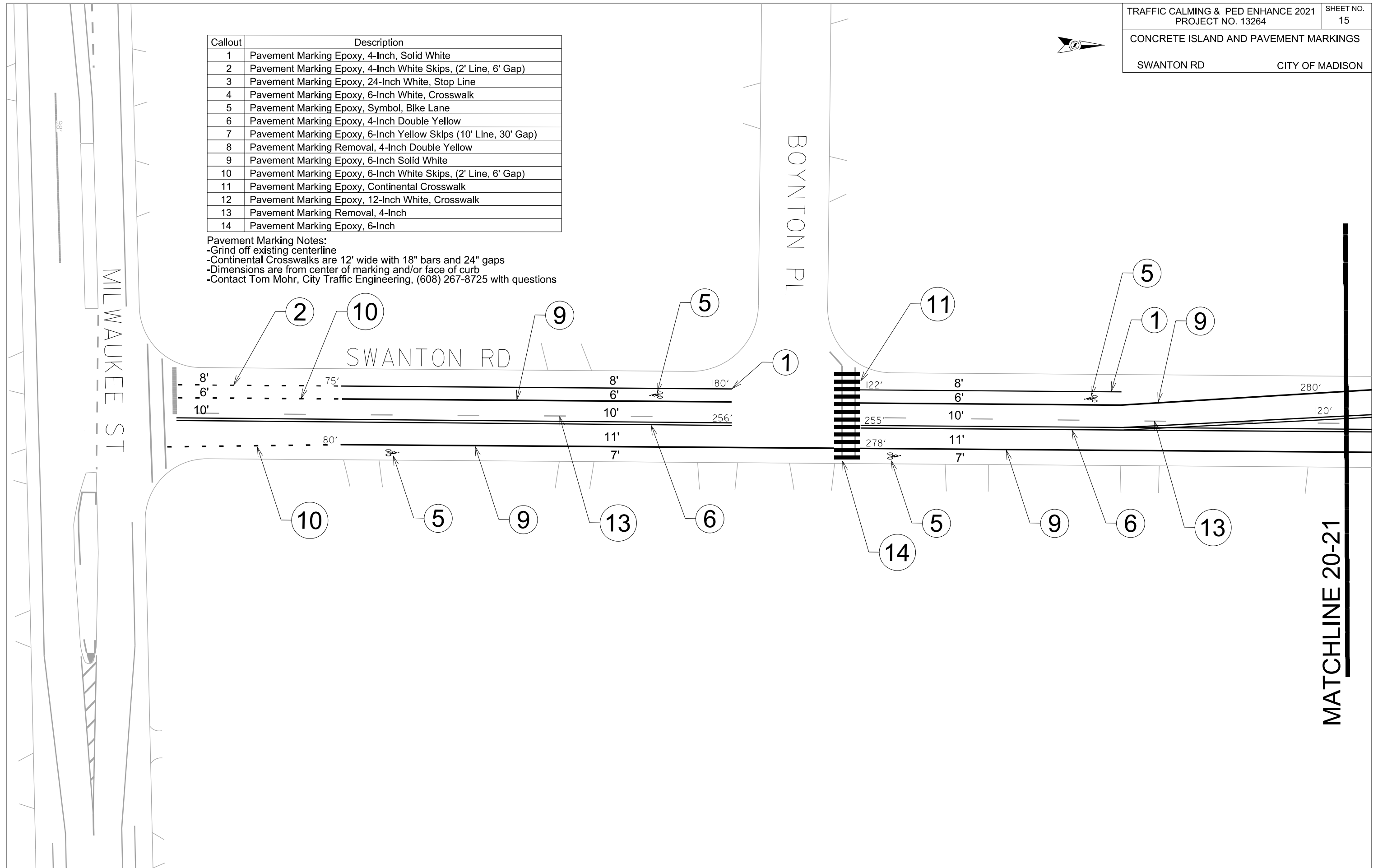
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Callout	Description
1	Pavement Marking Epoxy, 4-Inch, Solid White
2	Pavement Marking Epoxy, 4-Inch White Skips, (2' Line, 6' Gap)
3	Pavement Marking Epoxy, 24-Inch White, Stop Line
4	Pavement Marking Epoxy, 6-Inch White, Crosswalk
5	Pavement Marking Epoxy, Symbol, Bike Lane
6	Pavement Marking Epoxy, 4-Inch Double Yellow
7	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
8	Pavement Marking Removal, 4-Inch Double Yellow
9	Pavement Marking Epoxy, 6-Inch Solid White
10	Pavement Marking Epoxy, 6-Inch White Skips, (2' Line, 6' Gap)
11	Pavement Marking Epoxy, Continental Crosswalk
12	Pavement Marking Epoxy, 12-Inch White, Crosswalk
13	Pavement Marking Removal, 4-Inch
14	Pavement Marking Epoxy, 6-Inch

Pavement Marking Notes:
 -Grind off existing centerline
 -Continental Crosswalks are 12' wide with 18" bars and 24" gaps
 -Dimensions are from center of marking and/or face of curb
 -Contact Tom Mohr, City Traffic Engineering, (608) 267-8725 with questions

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

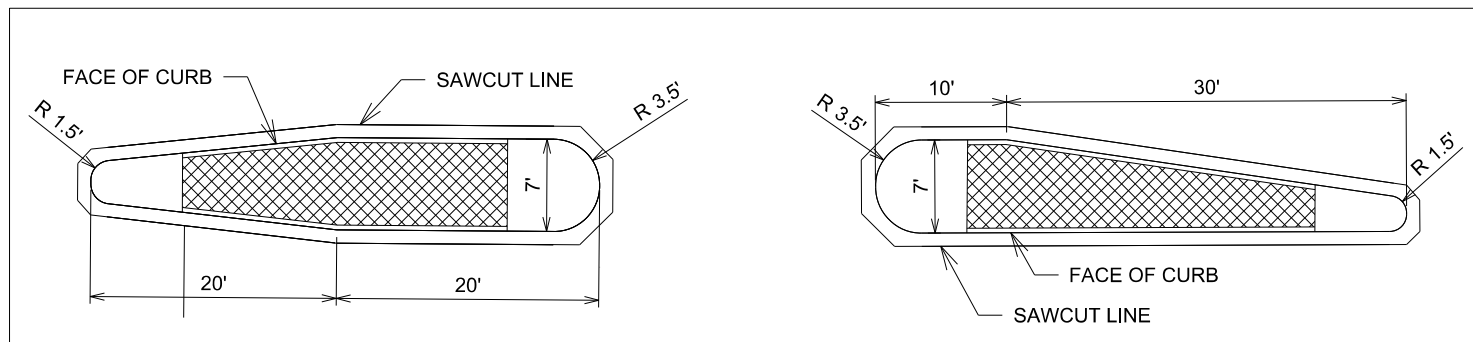


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 -Dimensions are from center of marking and/or face of curb
 -Contact Tom Mohr, City Traffic Engineering, (608) 267-8725 with questions

Island Notes:
 -Type "E" curb on islands.
 -Mountable median noses on island ends per SDD 3.13.
 -Center of islands to be stamped & colored concrete, "Natural Bark" color.
 -Island sawcut lines to be marked in field by City Traffic Engineering.

CONCRETE ISLAND DETAIL



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MATCHLINE 20-21

MATCHLINE 21-22

HAMLET PL

HAMLET PL

EASLEY LN

SWANTON RD

11

5

43'

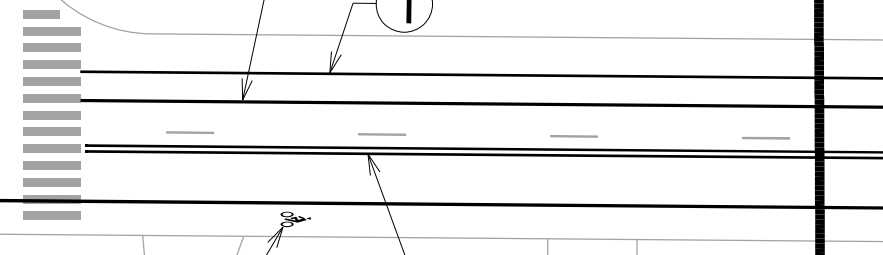
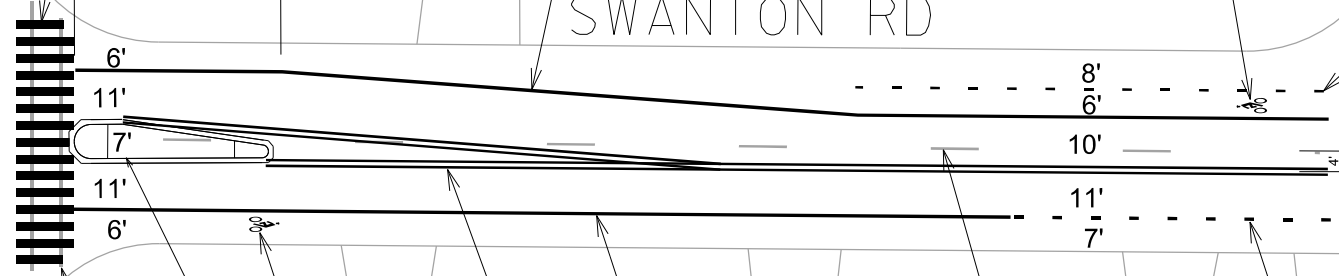
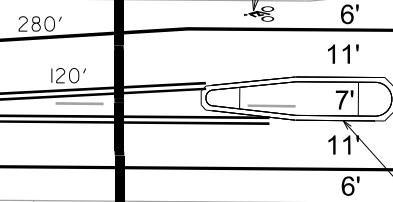
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5

2

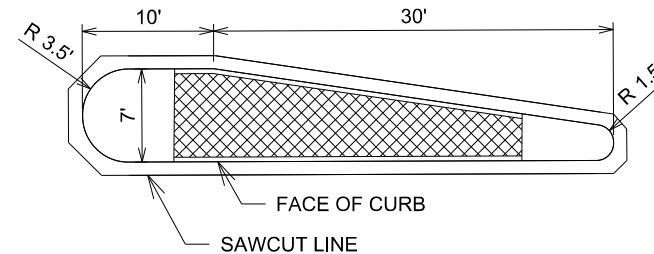
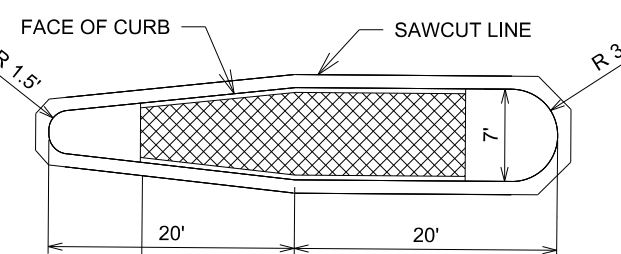
9

1



RAISED CONCRETE ISLAND

RAISED CONCRETE ISLAND





Callout	Description
1	Pavement Marking Epoxy, 4-Inch, Solid White
2	Pavement Marking Epoxy, 4-Inch White Skips, (2' Line, 6' Gap)
3	Pavement Marking Epoxy, 24-Inch White, Stop Line
4	Pavement Marking Epoxy, 6-Inch White, Crosswalk
5	Pavement Marking Epoxy, Symbol, Bike Lane
6	Pavement Marking Epoxy, 4-Inch Double Yellow
7	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)
8	Pavement Marking Removal, 4-Inch Double Yellow
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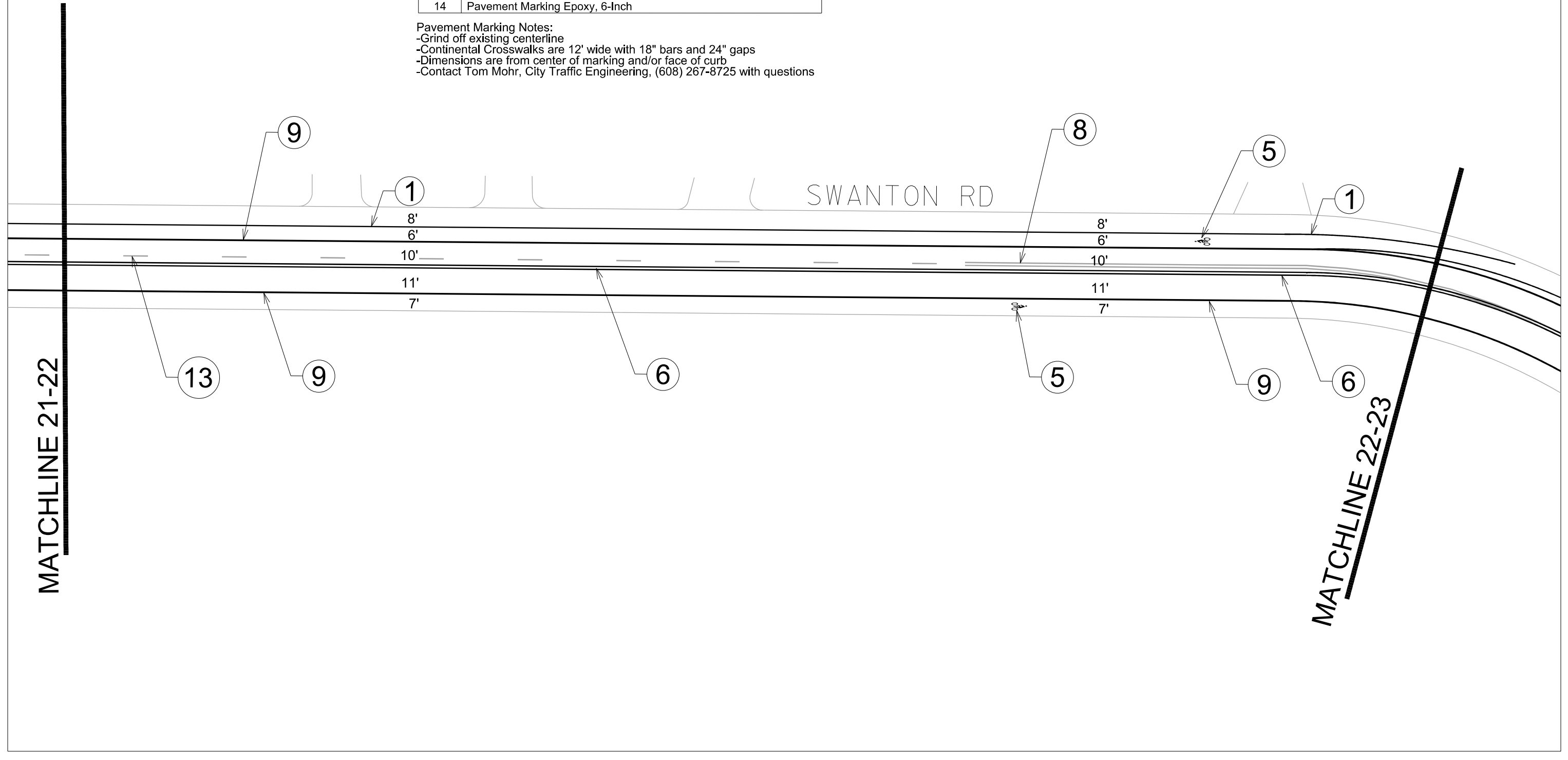
Pavement Marking Notes:
 -Grind off existing centerline
 -Continental Crosswalks are 12' wide with 18" bars and 24" gaps
 -Dimensions are from center of marking and/or face of curb
 -Contact Tom Mohr, City Traffic Engineering, (608) 267-8725 with questions

PLOT SCALE:

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REV. DATE:

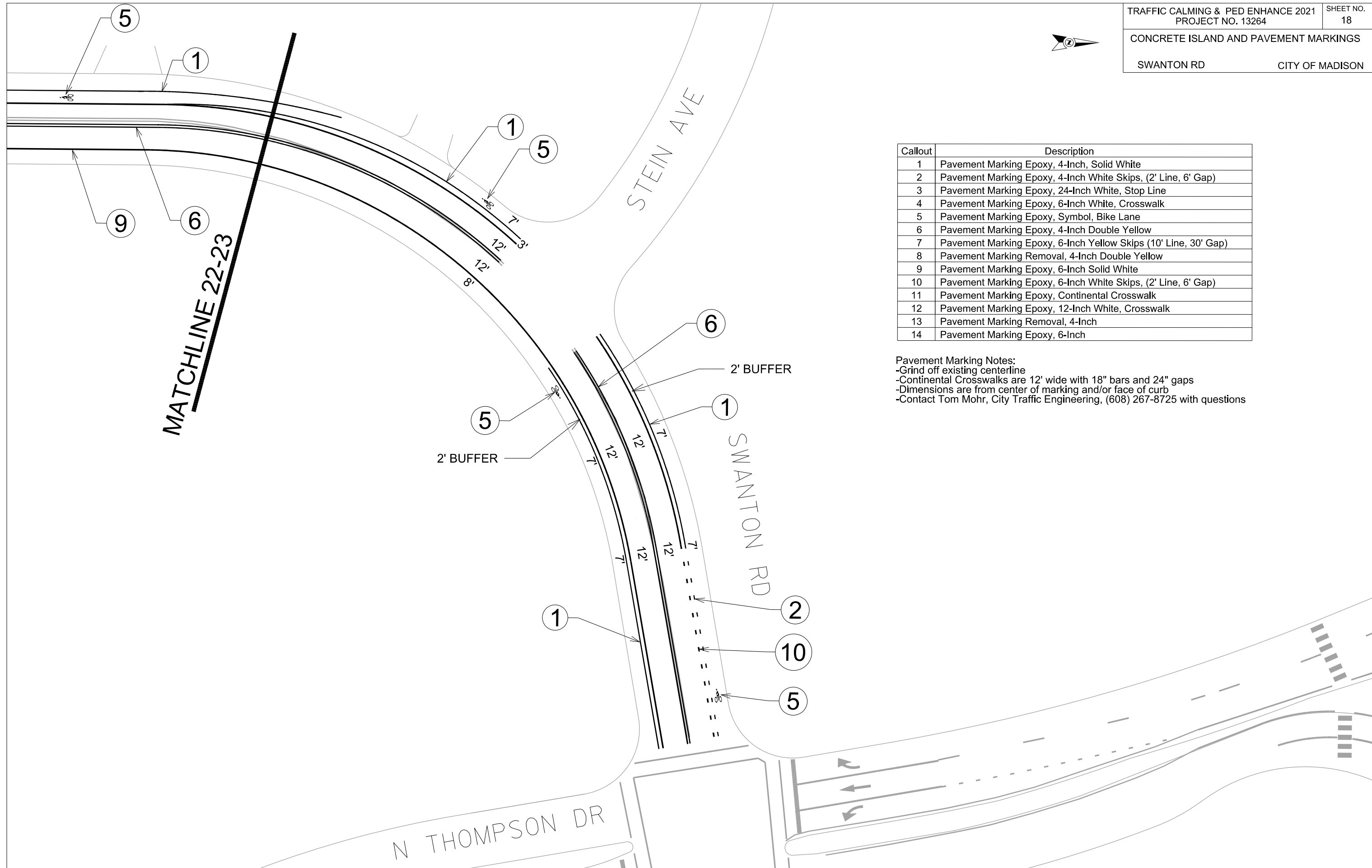
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





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CONCRETE ISLAND PLAN

MILWAUKEE ST

CITY OF MADISON

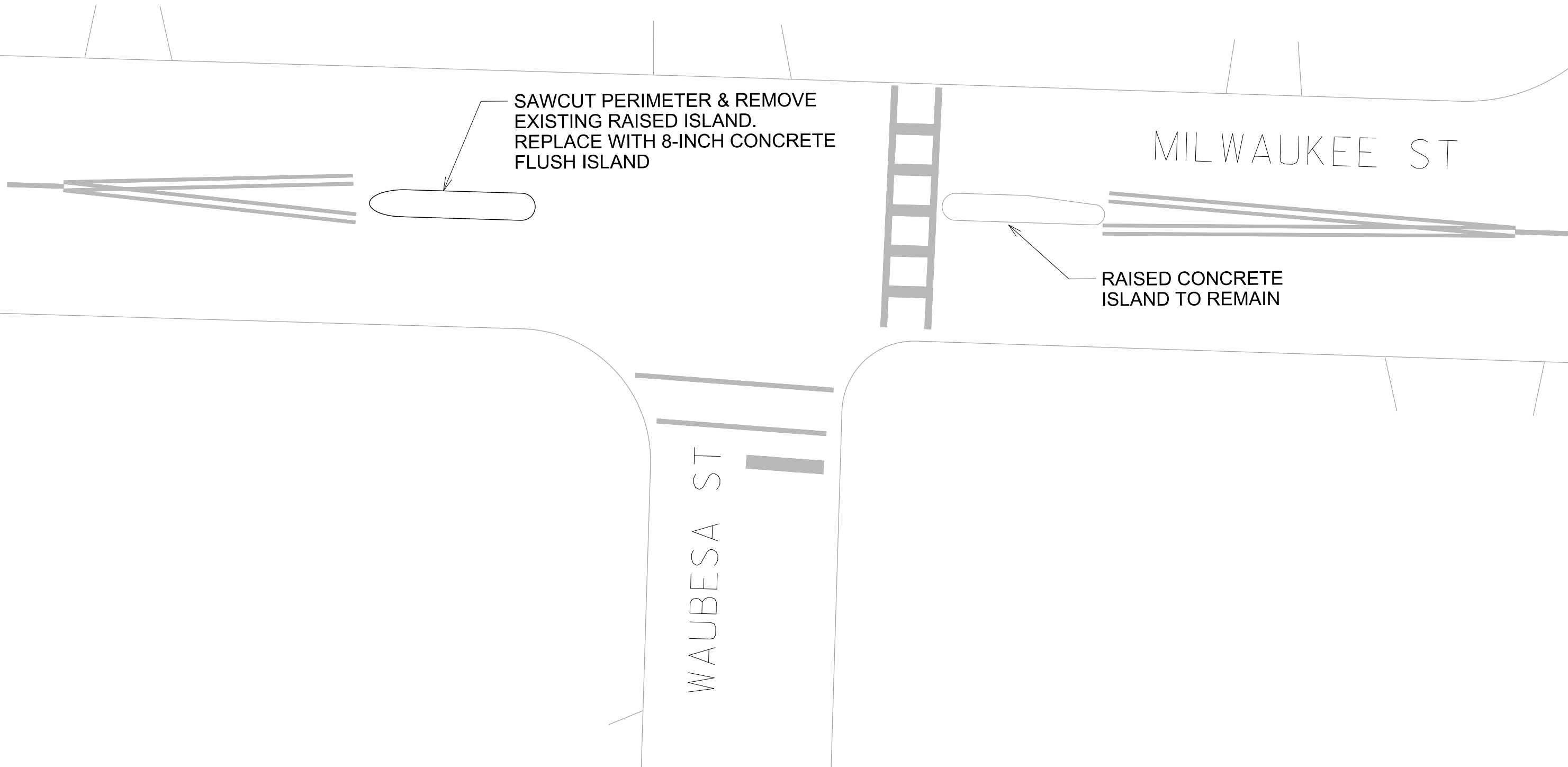


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SAWCUT PERIMETER & REMOVE
EXISTING RAISED ISLAND.
REPLACE WITH 8-INCH CONCRETE
FLUSH ISLAND

MILWAUKEE ST

RAISED CONCRETE
ISLAND TO REMAIN

WAUBESA ST

SPEED HUMP PLAN

NORTHPORT DR

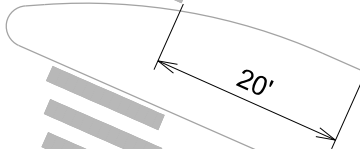
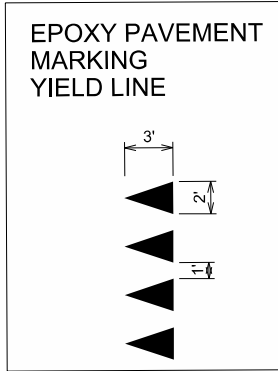
CITY OF MADISON



NORTHPORT DR

SCHOOL RD

SCHOOL RD



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

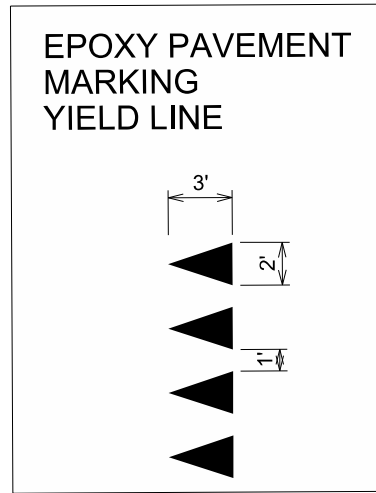
SPEED HUMP PLAN

OLD SAUK RD

CITY OF MADISON



- NOTES:
 --USE TYPE "X" CURB AT RAMP LOCATIONS
 --REMOVE & REPLACE SIDEWALK AS NECESSARY TO INSTALL ADA COMPLIANT RAMPS
 --PROTECT EXISTING PAVEMENT EDGE WHEN REPLACING CURB



7378

EX. TREE TO REMAIN

OLD SAUK RD

NEW CONCRETE PEDESTRIAN RAMP WITH TYPE "X" CURB

CONTINENTAL CROSSWALK

EX. TREE TO REMAIN

10' WIDE CONCRETE BUS PAD (7" CONCRETE)

EX. TREE TO REMAIN

NEW CONCRETE PEDESTRIAN RAMP WITH TYPE "X" CURB

WIDGEON WAY

7502

7501

20'

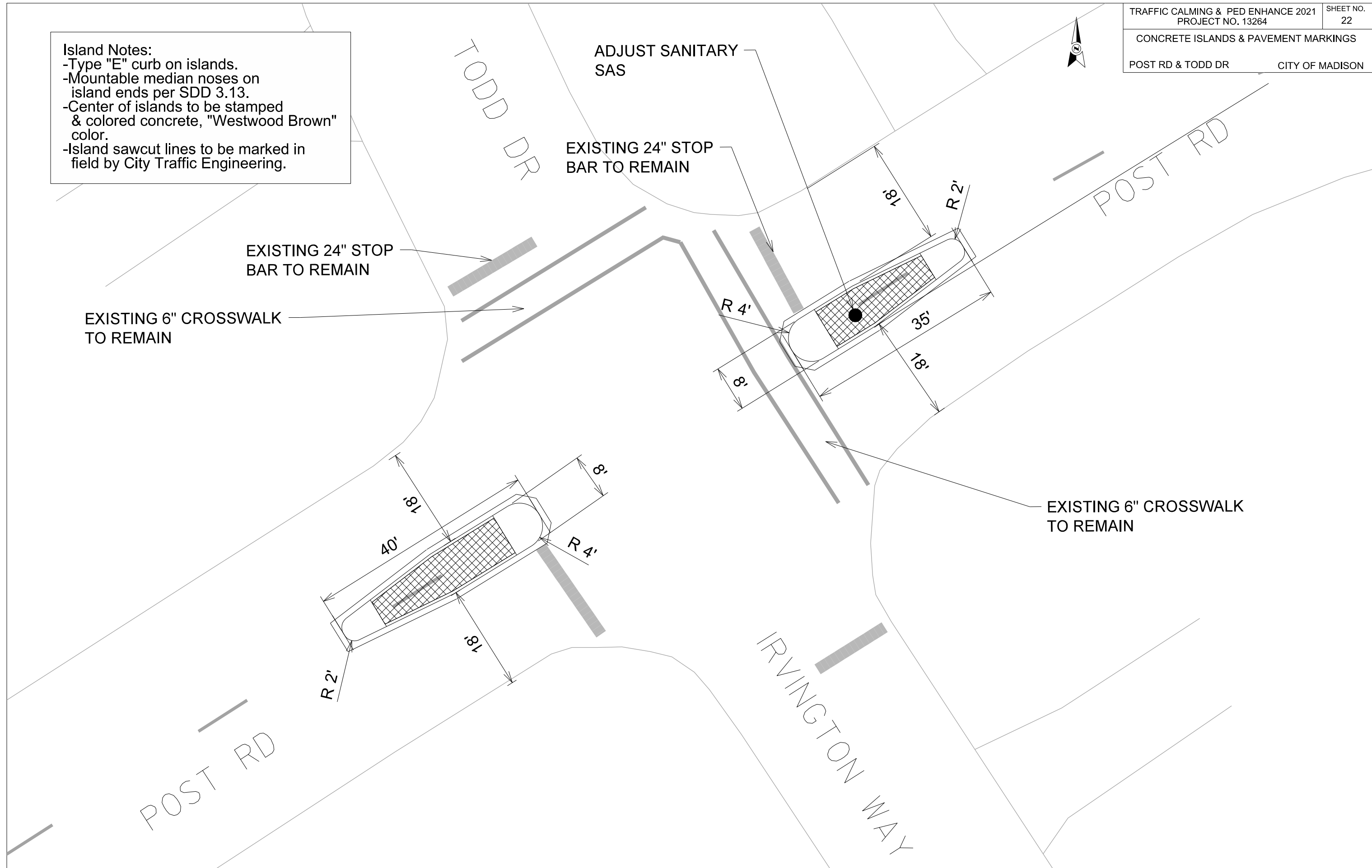
10'

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



Island Notes:
-Type "E" curb on islands.
-Mountable median noses on island ends per SDD 3.13.
-Center of islands to be stamped & colored concrete, "Westwood Brown" color.
-Island sawcut lines to be marked in field by City Traffic Engineering.

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





TRAFFIC CIRCLE PLAN

W LAKESIDE ST

CITY OF MADISON

NOTES:

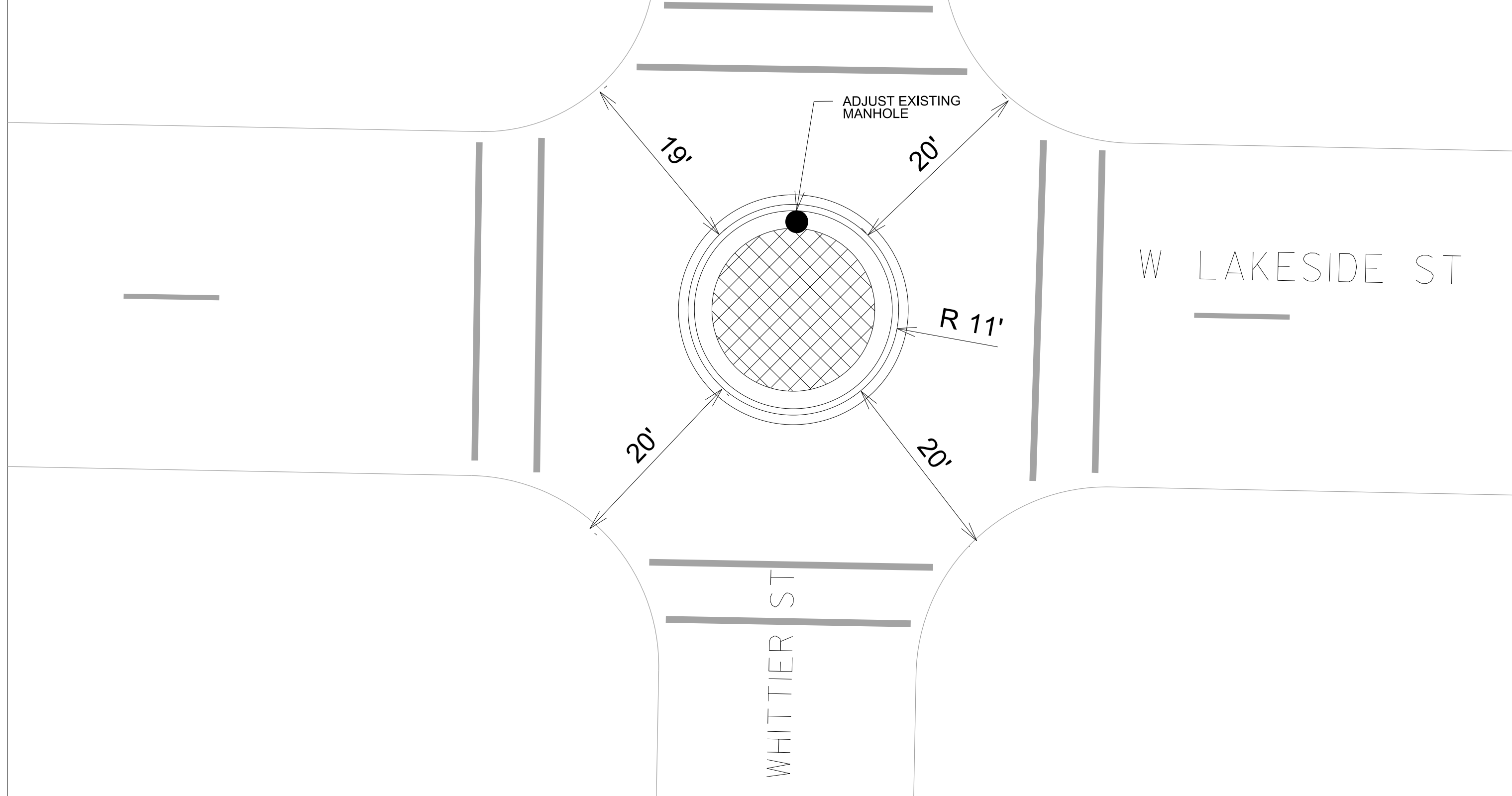
- 1. SAWCUT AT MARKED EDGE OF GUTTER
- 2. CURB TO BE TRAFFIC CIRCLE MOUNTABLE CURB & GUTTER PER SDD 3.06
- 3. RESTORE INTERIOR WITH 10" PLANTING SOIL & NO MOW SEED
- 4. LOCATION OF EDGE OF GUTTER TO BE MARKED IN FIELD BY TRAFFIC ENGINEERING

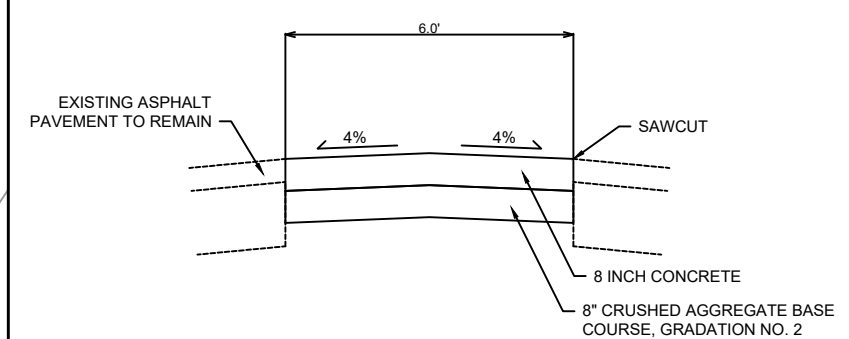
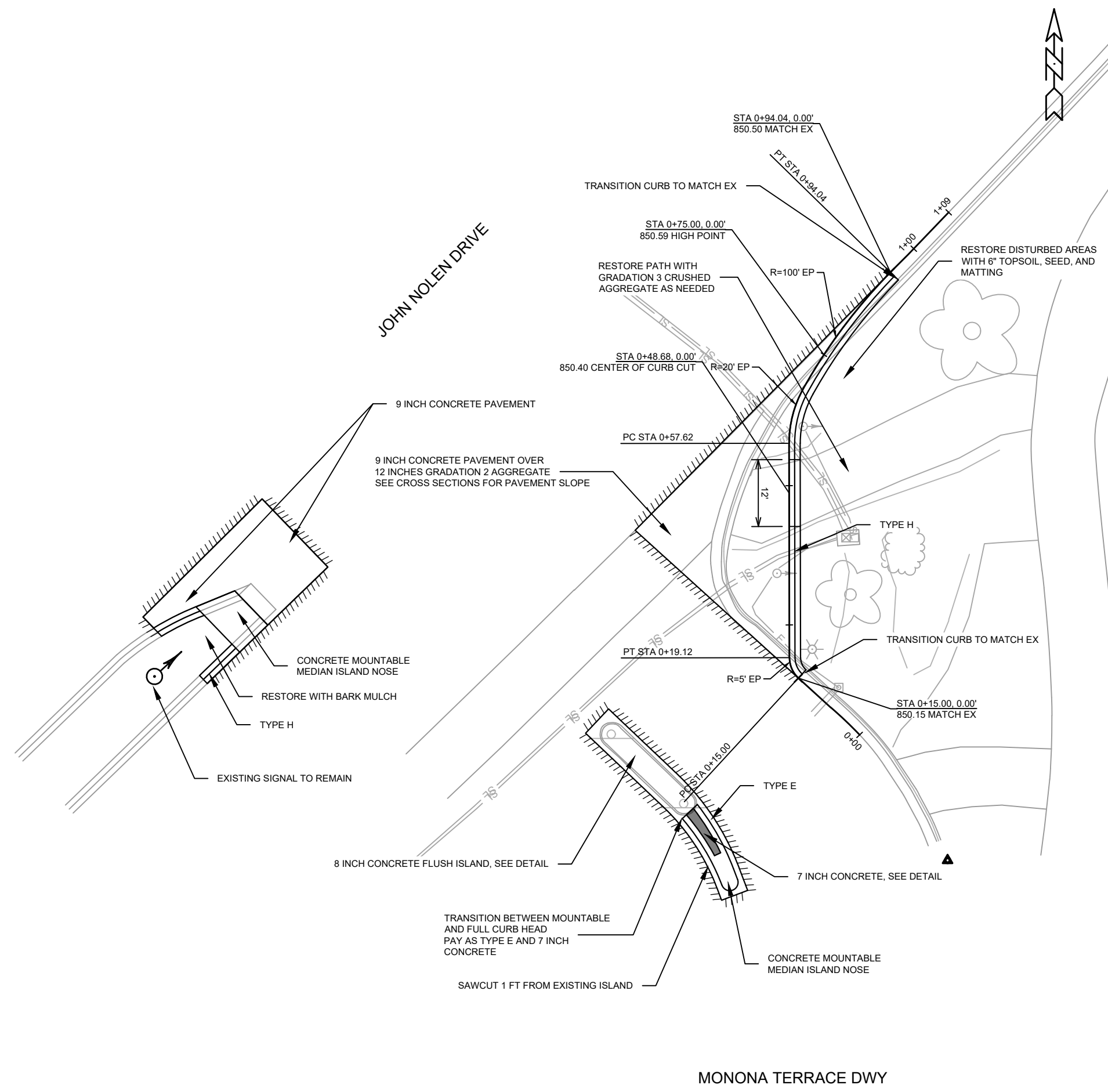
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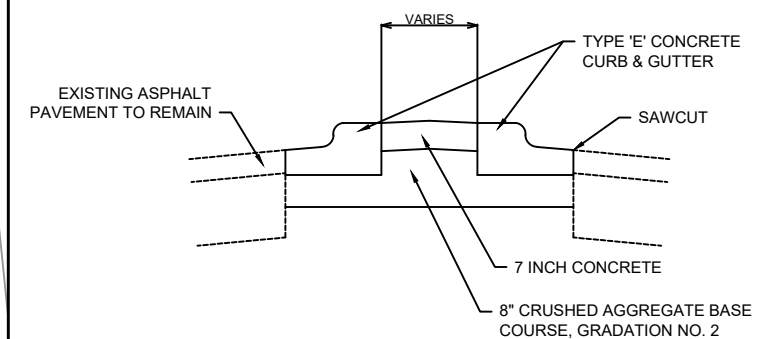
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





SECTION VIEW - 8 INCH CONCRETE FLUSH ISLAND
NOT TO SCALE



SECTION VIEW - MONONA TERRACE MEDIAN ISLAND
NOT TO SCALE

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DESIGNED BY: ###	Scale: #####
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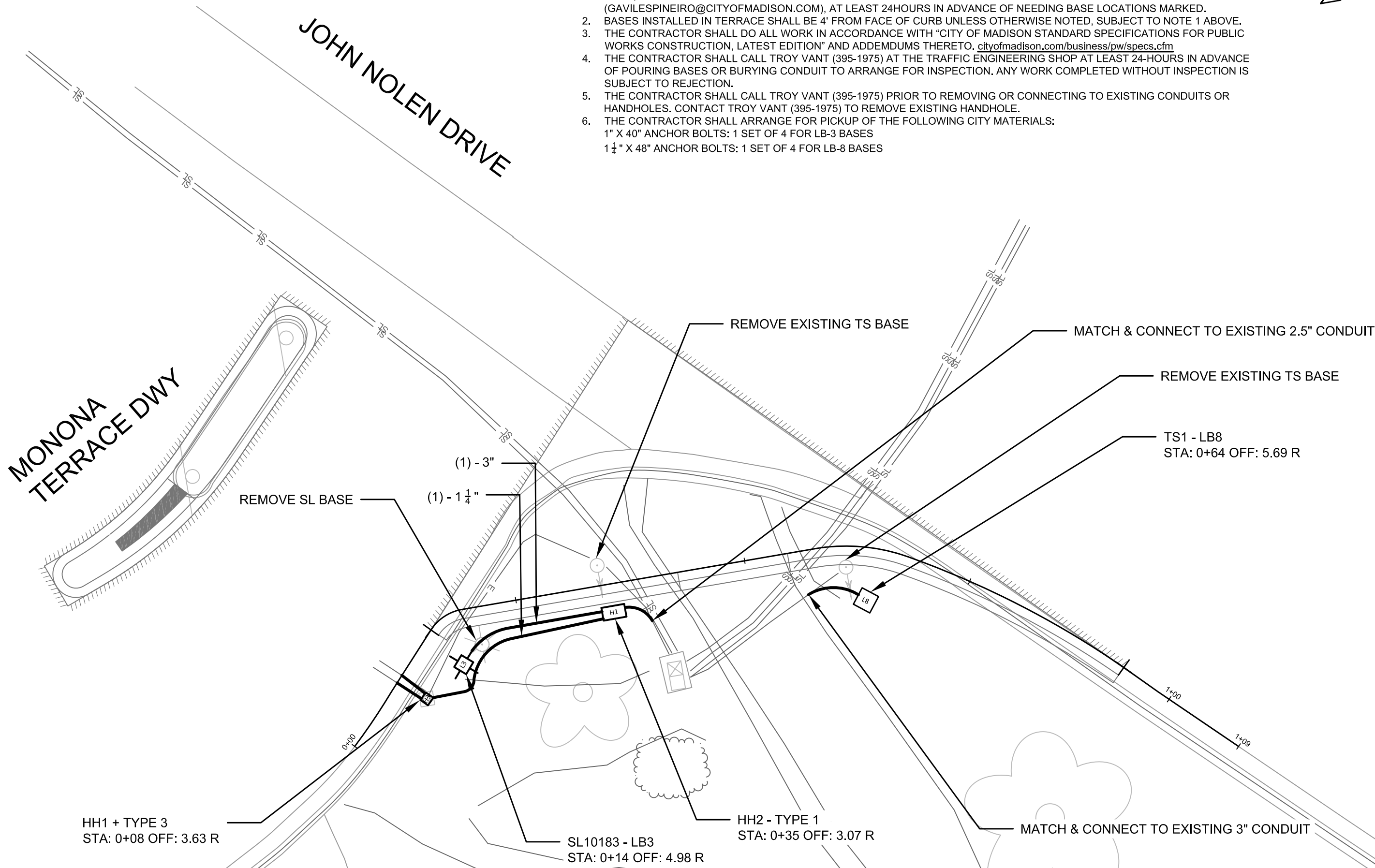
13264
MADISON, WI
CONTRACT NO: 8570

STREET PLAN
JOHN NOLEN DRIVE
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GENERAL ELECTRICAL NOTES

1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK IN THE FIELD, AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM), AT LEAST 24HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED, SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION" AND ADDEMDUMS THERETO. cityofmadison.com/business/pw/specs.cfm
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUITS OR HANDHOLES. CONTACT TROY VANT (395-1975) TO REMOVE EXISTING HANDHOLE.
6. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:
 1" X 40" ANCHOR BOLTS: 1 SET OF 4 FOR LB-3 BASES
 1 1/4" X 48" ANCHOR BOLTS: 1 SET OF 4 FOR LB-8 BASES



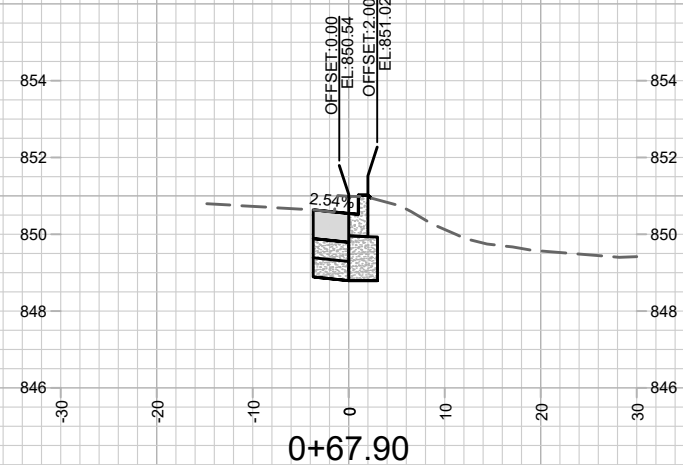
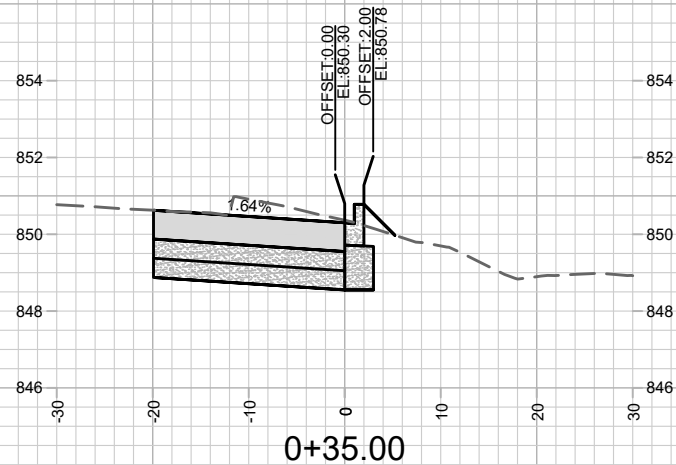
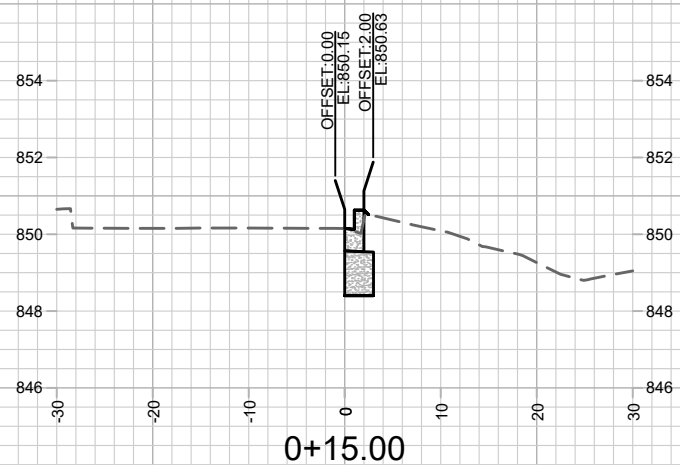
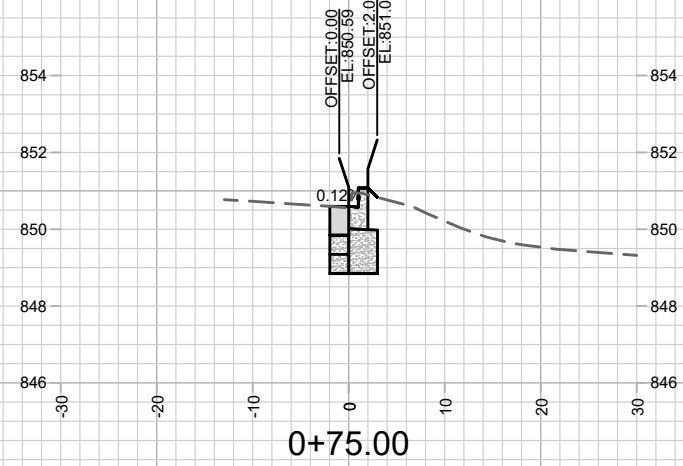
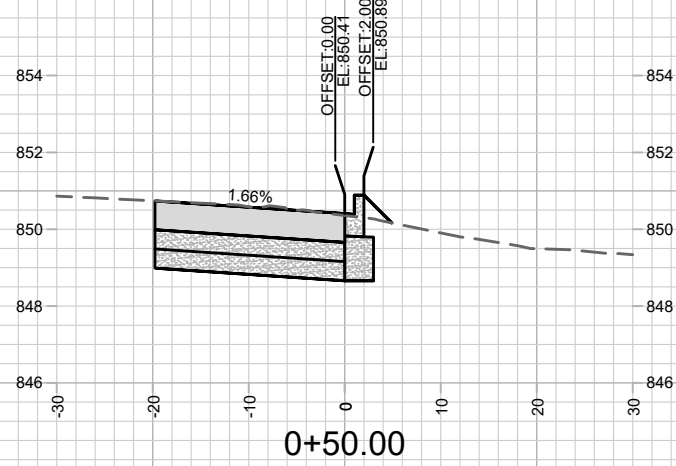
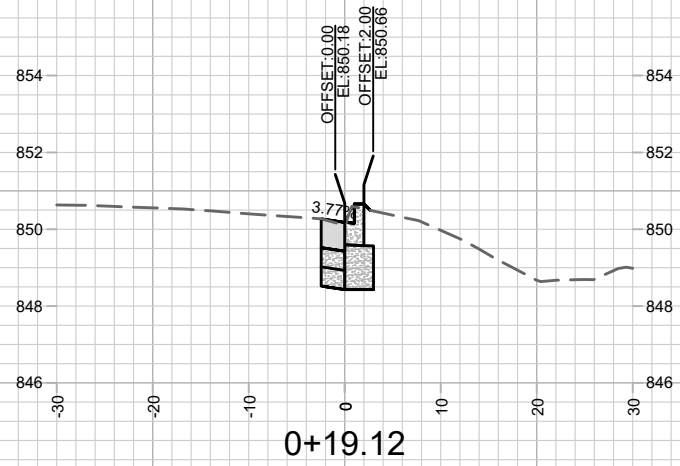
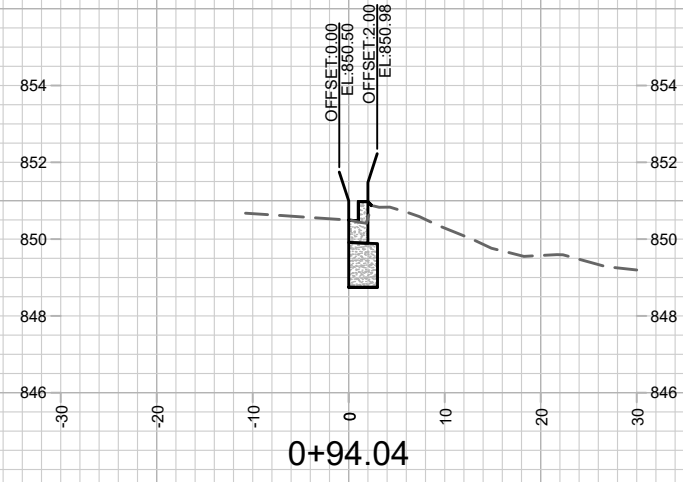
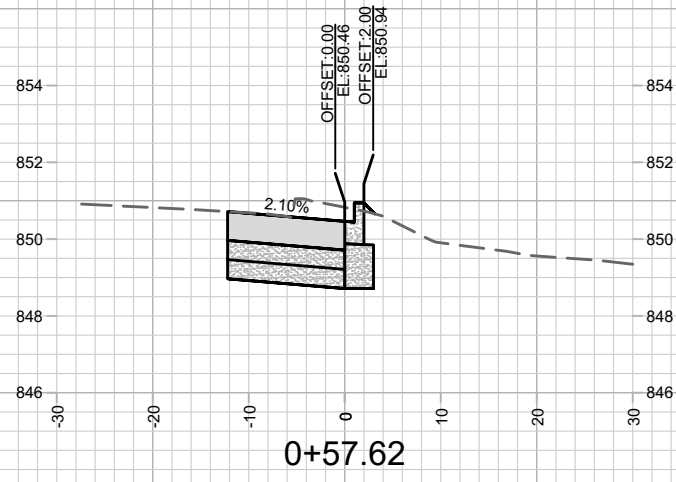
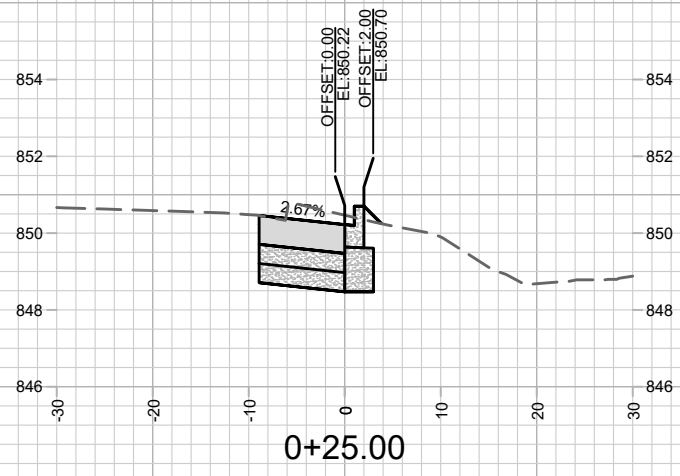
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 MADISON, WI
 CONTRACT NO: 8570

ELECTRICAL PLAN
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CONTRACT NO: 8570

CROSS SECTIONS
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