PROJECT ID: 5992-09-26
WITH: 5992-09-27

COUNTY: DANE

ORDER OF SHEETS

Section No. 1 Title
Section No. 2 Typical Sections and Details (Includes Erosion Control)
Section No. 3 Estimate of Quantities
Section No. 3 Miscellaneous Quantities
Section No. 4 Right of Way Plat
Section No. 5 Plan and Profile
Section No. 6 Standard Detail Drawings
Section No. 7 Sign Plates
Section No. 8 Structure Plans
Section No. 9 Computer Earthwork Data
Section No. 9 Cross Sections

TOTAL SHEETS =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

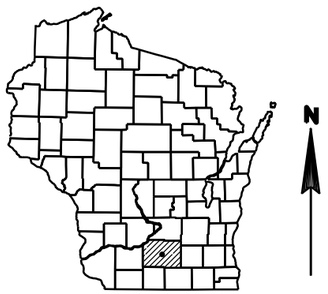
CITY OF MADISON, COTTAGE GROVE ROAD

(THOMPSON DRIVE TO SPRECHER ROAD)

CTH BB

DANE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5992-09-26		
5992-09-27		



STATE PROJECT NUMBER
5992-09-26
ROADWAY

STATE PROJECT NUMBER
5992-09-27
LOCAL UTILITIES
(WATER MAIN)

DESIGN DESIGNATION
COTTAGE GROVE RD

A.A.D.T. (2018)	=	15,100
A.A.D.T. (2038)	=	19,950
D.H.V. (2038)	=	1,995
D.D.	=	90/10
T.	=	4.3%
DESIGN SPEED	=	40 MPH
ESALS	=	1,200,000

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- EXISTING DITCH BOTTOM
- PROPOSED DITCH BOTTOM
- COMBUSTIBLE FLUIDS
- MARSH AREA
- WOODED OR SHRUB AREA

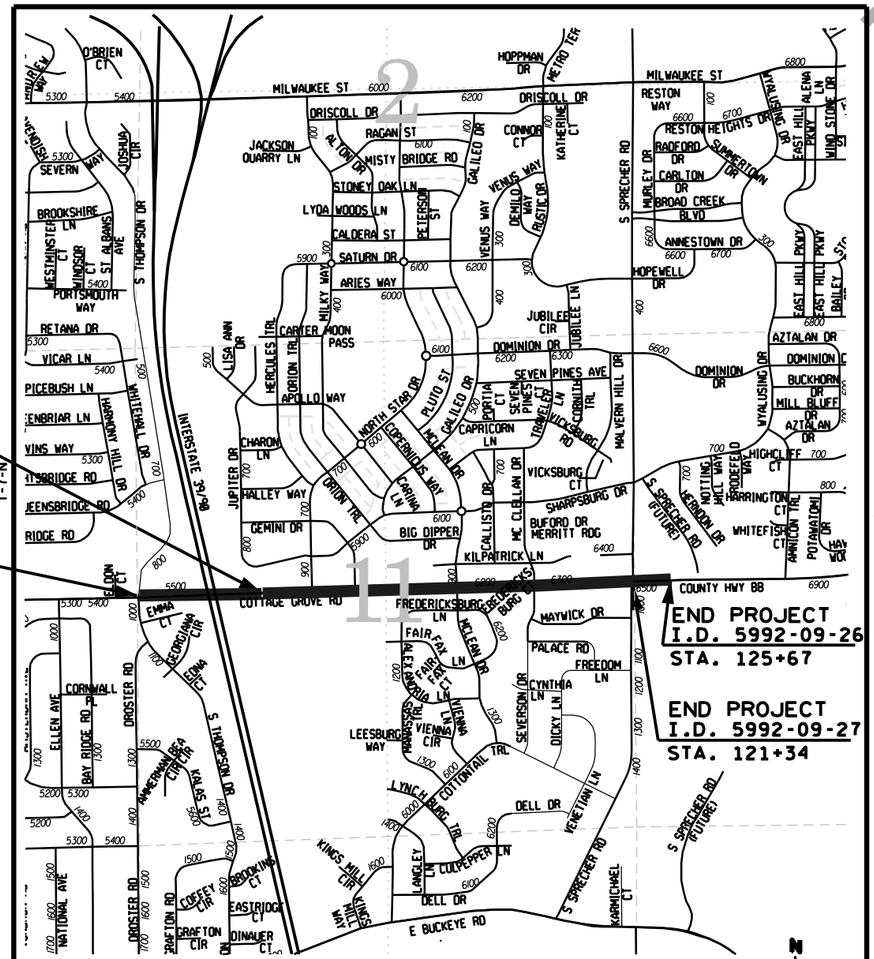
PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such)
- SPECIAL DITCH
- GRADE ELEVATION
- CULVERT (Profile View)

UTILITIES
- ELECTRIC
- FIBER OPTIC
- GAS
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- WATER
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

BEGIN PROJECT
I.D. 5992-09-26
STA. 81+62

BEGIN PROJECT
I.D. 5992-09-27
STA. 68+90

R-10-E



PROJECT I.D. 5992-09-26
TOTAL NET LENGTH OF CENTERLINE = 0.834 MI.

-"Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), Dane County."

LAYOUT
SCALE 0 0.5 MI.

GEOMETRICS AND TRAFFIC CONTROL
DESIGNED BY: CITY OF MADISON

WATERMAIN
DESIGNED BY: CITY OF MADISON

STREET LIGHTING/TRAFFIC SIGNALS
DESIGNED BY: CITY OF MADISON

ACCEPTED FOR
DANE COUNTY HIGHWAY DEPARTMENT

(Date) (HIGHWAY COMMISSIONER)

ACCEPTED FOR
CITY OF MADISON

(Date) (City Engineer)

ORIGINAL PLANS PREPARED BY:

CITY OF MADISON
ENGINEERING DIVISION

DATE: (Professional Engineer)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SNYDER & ASSOCIATES
Designer	CITY OF MADISON
MANAGEMENT CONSULTANT	K.JOHNSON ENGINEERS, INC.

APPROVED FOR THE DEPARTMENT

DATE: Management Consultant Signature

E

PRELIMINARY PLAN JULY 2019

2

STANDARD ABBREVIATIONS

AC	ACRES
AH	AHEAD
ALUM.	ALUMINUM
A.P.	ACCESS POINT
BK	BACK
BLK	BLOCK
BM	BENCHMARK
CL or C/L	CENTERLINE
Δ	CENTRAL ANGLE or DELTA
CSM	CERTIFIED SURVEY MAP
D	DEGREE OF CURVE
E	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
ET AL	AND OTHERS
EXIST	EXISTING
FT	FOOT
GN	GRID NORTH
IN	INCH
IP	IRON PIPE
L	LENGTH
L	LENGTH OF CURVE
LF	LINEAL FEET
LC	LONG CHORD
LCB	LONG CHORD BEARING
LT	LEFT
MH	MANHOLE
MI	MILE
MON	MONUMENT
N	NORTH
Y	NORTH GRID COORDINATE
NB	NORTHBOUND
NO	NUMBER
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PL	PROPERTY LINE
PLE	PERMANENT LIMITED EASEMENT
POB	POINT OF BEGINNING
R	RADIUS
RP	RADIUS POINT
R	RANGE
RL or R/L	REFERENCE LINE
REQ'D	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
SAN	SANITARY SEWER
S	SOUTH
SB	SOUTHBOUND
SQ	SQUARE
FT2	SQUARE FEET
STD	STANDARD
SEC	SECTION
STA	STATION
STM	STORM SEWER
STR	STRUCTURE
T	TANGENT
TAN	TANGENT
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
T or TN	TOWN
TYP	TYPICAL
WM	WATERMAIN
WV	WATER VALVE
W	WEST
WB	WESTBOUND

UTILITY CONTACTS

WATERMAIN:
CITY OF MADISON WATER UTILITY
ATTN: PETER HOLMGREN
119 E. OLIN AVENUE
MADISON, WI 53713
PHONE: (608) 261-5530
FAX: (608) 266-4426
E-MAIL: pholmgren@madisonwater.org

SANITARY SEWER:
CITY OF MADISON ENGINEERING DIVISION
ATTN: MARK MODER
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING JR. BOULEVARD
MADISON, WI 53703
PHONE: (608) 261-9250
FAX: (608) 264-9275
E-MAIL: mmoder@cityofmadison.com

ELECTRIC:
MG&E
ATTN: RICH PARKER
P.O. BOX 1231
MADISON, WI 53701-1231
PHONE: (608) 252-7379
E-MAIL: rparker@mge.com

STORM SEWER:
CITY OF MADISON ENGINEERING DIVISION
ATTN: ERIC DUNDEE
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING JR. BOULEVARD
MADISON, WI 53703
PHONE: (608) 266-4913
FAX: (608) 264-9275
E-MAIL: edundee@cityofmadison.com

TRAFFIC SIGNALS & STREET LIGHTING:
CITY OF MADISON TRAFFIC ENGINEERING DIVISION
ATTN: BRIAN SMITH
MADISON MUNICIPAL BUILDING, SUITE 100
215 MARTIN LUTHER KING JR. BOULEVARD
MADISON, WI 53703
PHONE: (608) 261-9625
FAX: (608) 267-1158
E-MAIL: bsmith@cityofmadison.com

GAS:
MG&E
ATTN: STEVE BEVERSDORF
P.O. BOX 1231
MADISON, WI 53701-1231
PHONE: (608) 252-1552
E-MAIL: sbeversdorf@mge.com

MADISON GAS AND ELECTRIC (MG&E) 24-HOUR EMERGENCY NUMBER: 608-252-7111

ELECTRIC:
AMERICAN TRANSMISSION COMPANY
ATTN: JULIE PURVES
2 FEN OAK COURT
MADISON, WI 53718-8810
PHONE: (608) 877-3631
E-MAIL: jpurves@atcllc.com

GAS:
ANR PIPELINE CO.
ATTN: LARRY HUBER
W3925 PIPELINE LANE
EDEN, WI 53019
PHONE: (920) 477-2235
E-MAIL: lawrence_huber@transcanada.com

TELEPHONE:
AT&T WISCONSIN
ATTN: CAROL ANASON
316 W. WASHINGTON AVE.
MADISON, WI 53703
PHONE: (608) 252-2385
E-MAIL: CA2624@att.com

CABLE TELEVISION:
CHARTER COMMUNICATIONS
ATTN: BRANDON STORM
2701 DANIELS ST.
MADISON, WI 53718
PHONE: (608) 274-3822 ex 6642
E-MAIL: brandon.storm@chartercom.com

COMMUNICATIONS:
WISCONSIN DEPARTMENT OF TRANSPORTATION
ATTN: JEFF MADSON
433 W. ST. PAUL AVE. STE. 300
MILWAUKEE, WI 53203
PHONE: (414) 225-3723
E-MAIL: jeffrey.madson@dot.wi.gov

TELEPHONE:
AT&T TRANSMISSION
ATTN: EMMET LUKASIK
316 W. WASHINGTON AVE., ROOM 209
MADISON, WI 53703
PHONE: (608) 252-2106
E-MAIL: el1345@att.com

GENERAL NOTES

ABBREVIATIONS FOR THE ALIGNMENTS ARE AS FOLLOWS:
"EB" = COTTAGE GROVE RD. EASTBOUND (MAIN ALIGNMENT FOR PROJECT)
"WB" = COTTAGE GROVE RD. WESTBOUND

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. PAVEMENT SLOPES, BORDER SLOPES, ETC., MAY VARY WITHIN THE STATION LIMITS OF EACH SECTION.

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS. SEE DETAIL SHEETS AND CROSS SECTIONS FOR SLOPES AND GRADES.

ALL RADII DIMENSIONS MEASURED TO THE FACE OF CURB UNLESS NOTED UTHERWISE.

CURB GRADES PROVIDED GIVE EDGE OF GUTTER ELEVATIONS UNLESS NOTED OTHERWISE.

OFFSETS FOR INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF STRUCTURE.

STORM SEWER PIPE REMOVALS IN PROPOSED STORM SEWER TRENCHES ARE NOT SHOWN IN THE STORM SEWER PLAN. REMOVALS ARE INCLUDED IN MISCELLANEOUS QUANTITIES.

ELEVATIONS GIVEN IN THE PLAN FOR STORM SEWER INLETS ARE GIVEN TO THE TOP OF CURB AT THE INLET LOCATION.

ELEVATIONS GIVEN IN THE PLAN FOR STORM SEWER STRUCTURES ARE DENOTED "RIM" AND ARE GIVEN TO THE TOP OF CASTING AT THE STRUCTURE LOCATION.

THE EXACT LOCATION AND WIDTH OF DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. DRIVEWAYS SHALL BE REPLACED IN KIND. RESIDENTIAL DRIVEWAYS SHALL BE A MAXIMUM OF 20 FEET WIDE.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

PIPE ELEVATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

GRADES SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

WHEN REPLACING INDIVIDUAL SECTIONS OF SIDEWALK, MATCH EXISTING CONCRETE, ASPHALT OR STRUCTURES (WALLS, BUILDINGS, ETC. THAT ARE CONSTRUCTED TO THE PROPERTY LINE) BEHIND THE SIDEWALK. WHERE TURF EXISTS BEHIND THE SIDEWALK, KEEP DISTURBANCE TO WITHIN 6" OF THE SIDEWALK AND RESTORE WITH TOPSOIL, SEED, FERTILIZER, & EROSION MAT.

CURB RAMPS SHALL BE TYPE 2 UNLESS OTHERWISE NOTED. CONCRETE SIDEWALK FOR CURB RAMPS SHALL BE CONCRETE SIDEWALK, 7-INCH.

CONCRETE SIDEWALK FOR BUS STOPS SHALL BE CONCRETE SIDEWALK, 7-INCH.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.

TEMPORARY PAVEMENT SHALL BE INSTALLED AS 4" OF TEMPORARY SURFACE OVER 8" BASE AGGREGATE DENSE 1.25"

ACCESS TO COMMERCIAL PARKING LOTS (4 OR MORE PARKING SPACES) MUST BE MAINTAINED AT ALL TIMES. ACCESS MAY BE MAINTAINED BY RECONSTRUCTING MULTIPLE DRIVE ENTRANCES ONE AT A TIME, CONSTRUCTING DRIVE APRONS ONE HALF AT A TIME OR BY PLATING THE WORK AT DRIVE ENTRANCES.

SIDE STREET PAVEMENT STRUCTURE SHALL BE THE SAME AS THE MAINLINE PAVEMENT STRUCTURE UNLESS NOTED OTHERWISE IN THE PLAN.

HMA PAVEMENT, WHEN INDICATED ON THE PLANS, SHALL CONSIST OF THE FOLLOWING COURSES UNLESS NOTED OTHERWISE ON THE PLANS:

6.0" TOTAL DEPTH	TYPE	SIZE GRADATION	PERFORMANCE GRADE
4" LOWER	3 MT 58-28 S	19 mm	PG58-28
2.0" UPPER	4 MT 58-28 S	12.5 mm	PG58-28

Flag or flowline?

2

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
GRADES DETAILS
EROSION CONTROL
STORM SEWER
WATERMAIN
PERMANENT SIGNING
TRAFFIC SIGNALS & STREET LIGHT PLAN
MARKING PLAN
TYPICAL CONSTRUCTION SECTIONS
TRAFFIC CONTROL
ALIGNMENT OVERVIEW

**NOT A MEMBER OF DIGGERS HOTLINE

DESIGN CONTACT

CITY OF MADISON
ATTN: GLEN YOERGER, P.E.
CITY-COUNTY BUILDING, ROOM 115
210 MARTIN LUTHER KING JR. BOULEVARD
MADISON, WI 53703
PHONE: (608) 261-9177
FAX: (608) 264-9275
E-MAIL: gyoerger@cityofmadison.com

DNR LIAISON

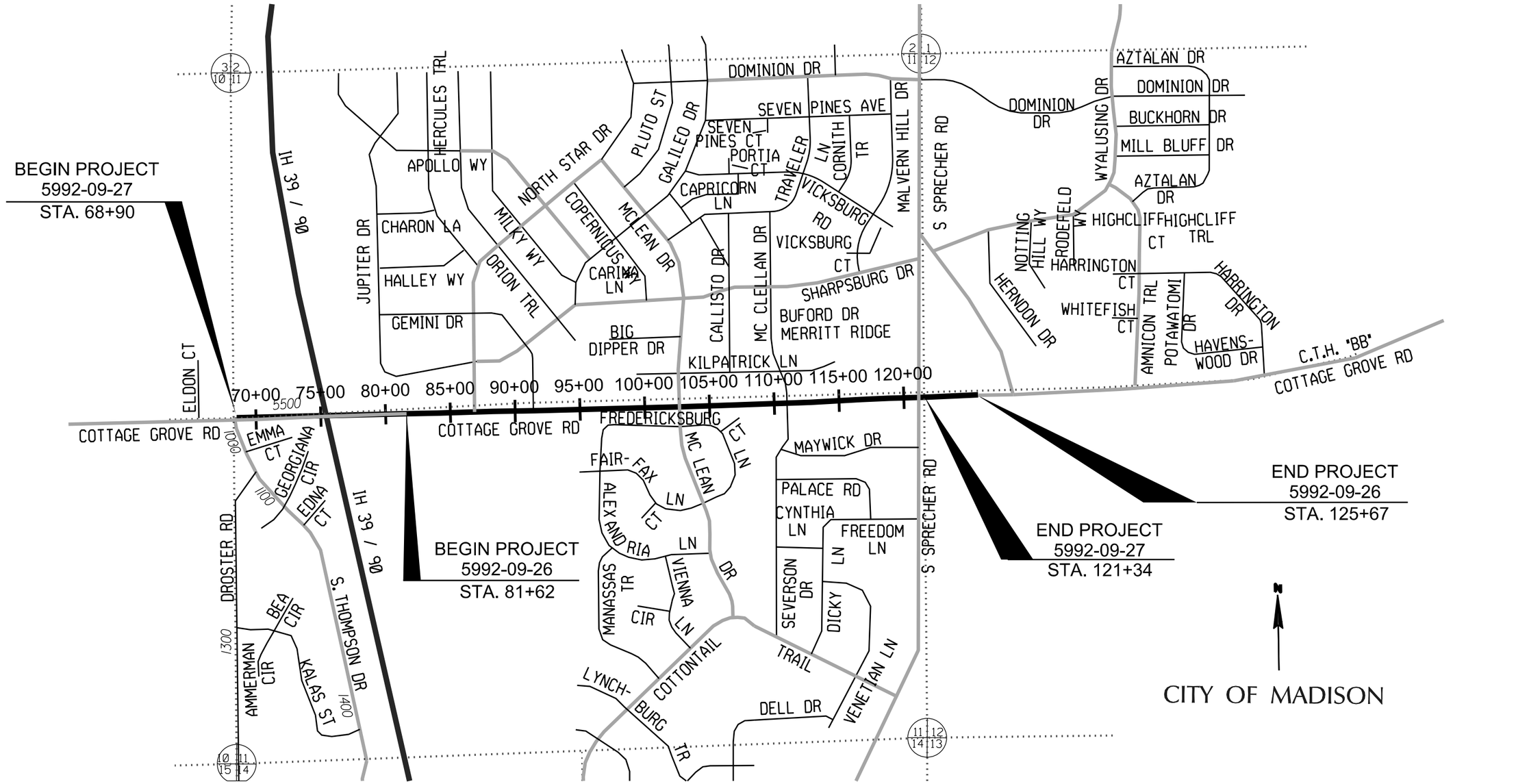
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
ATTN: ERIC HEGGELUND
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PHONE: (608) 275-3301
EMAIL: eric.heggelund@wisconsin.gov

DANE COUNTY HIGHWAY

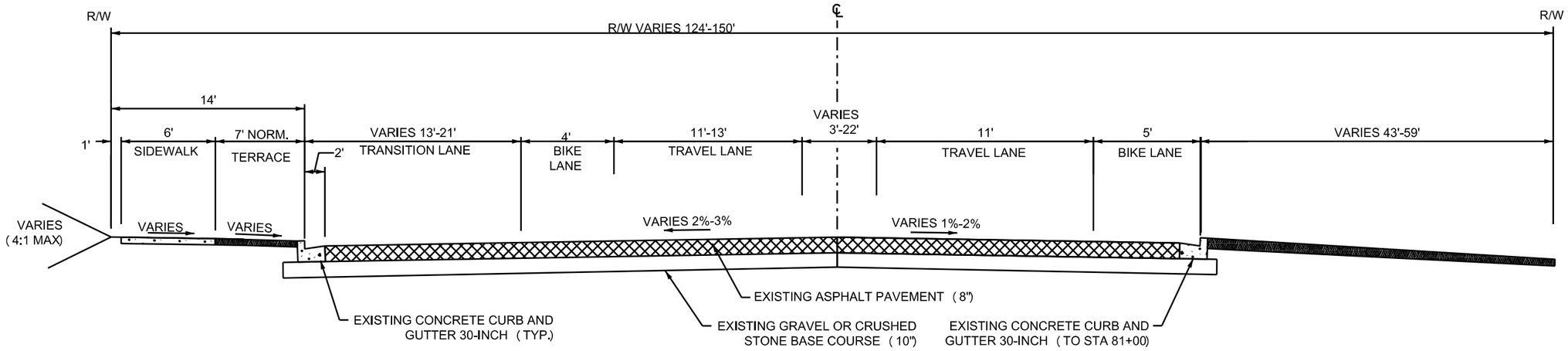
DANE COUNTY HIGHWAY
ATTN: PAM DUNPHY, P.E.
2302 FISH HATCHERY ROAD
MADISON, WI 53703
PHONE: (608) 266-4038
EMAIL: dunphy@co.dane.wi.us

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GENERAL NOTES	SHEET	E

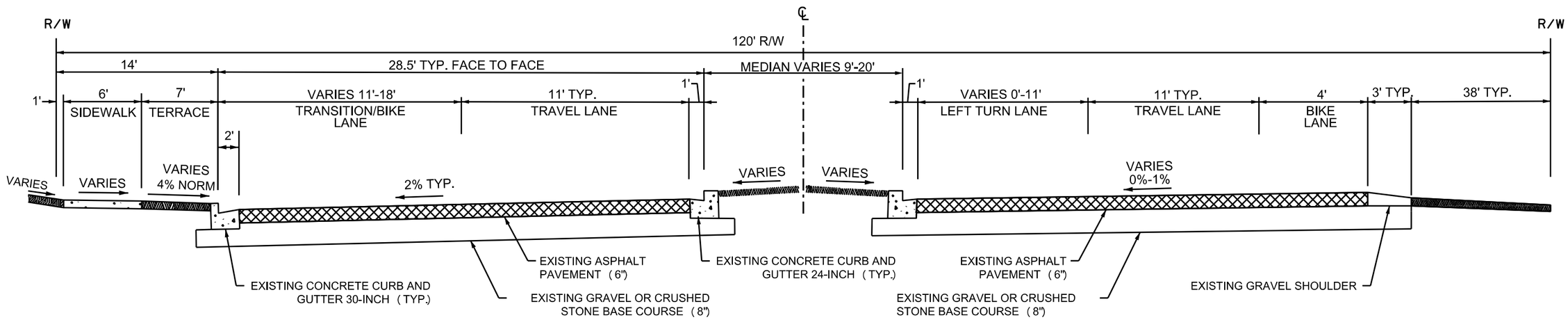


PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E



EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

I-39/90/94 OVERPASS TO STA 84+00



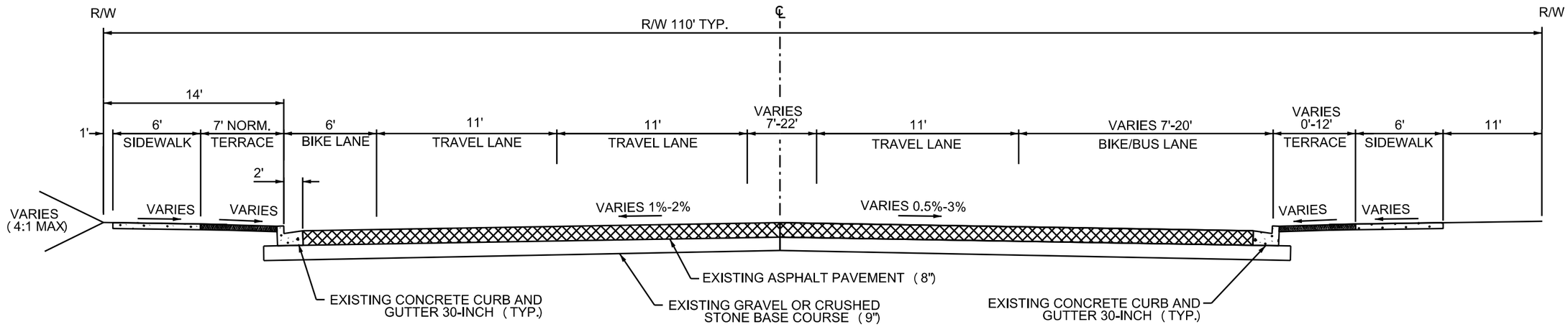
EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

STA 84+00 TO NORTHSTAR DR.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	EXISTING TYPICAL SECTIONS	SHEET	E

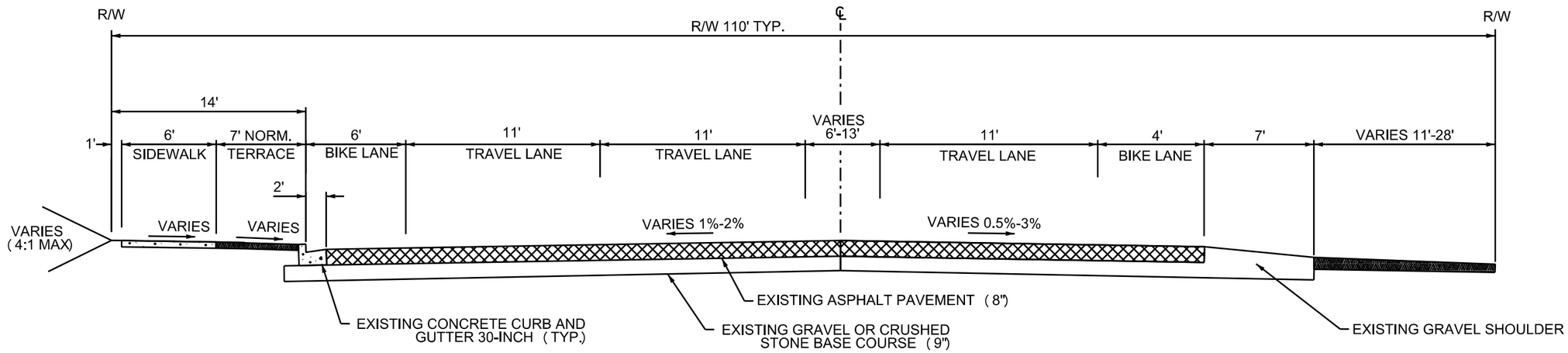
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WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

NORTHSTAR DR TO STA 89+49

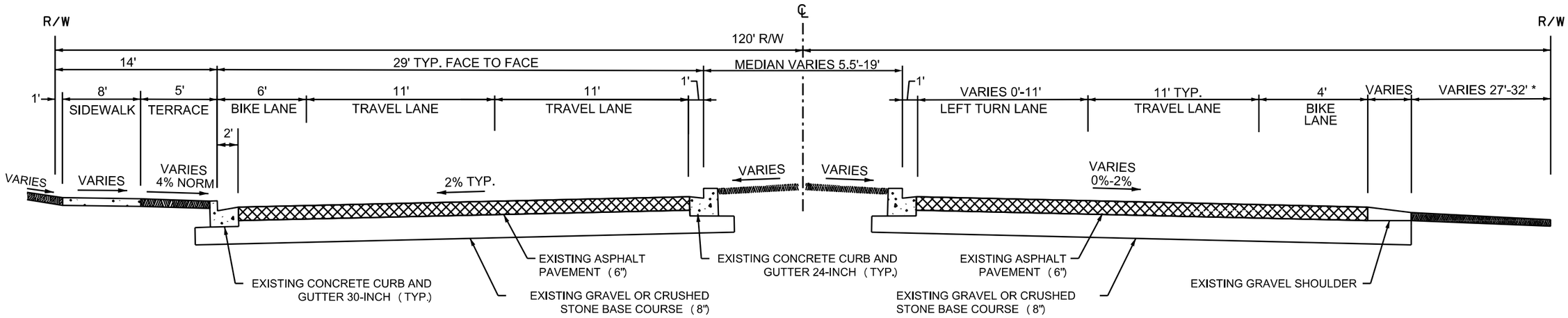


EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

STA 89+49 TO GEMINI DR

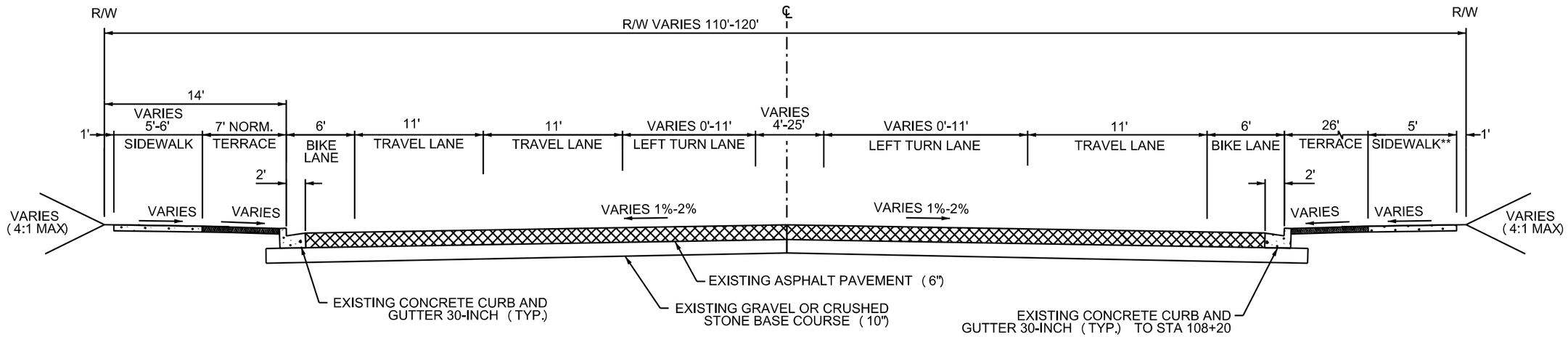
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	EXISTING TYPICAL SECTIONS	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Streets\60% Plans\DGNs\Typical Sections\Existing Typical Section 02.dgn PLOT DATE : 7/15/2016 PLOT BY : enjmw PLOT NAME : PLOT SCALE : 7.8750 ' / in.



EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

GEMINI DR TO MCLEAN DR

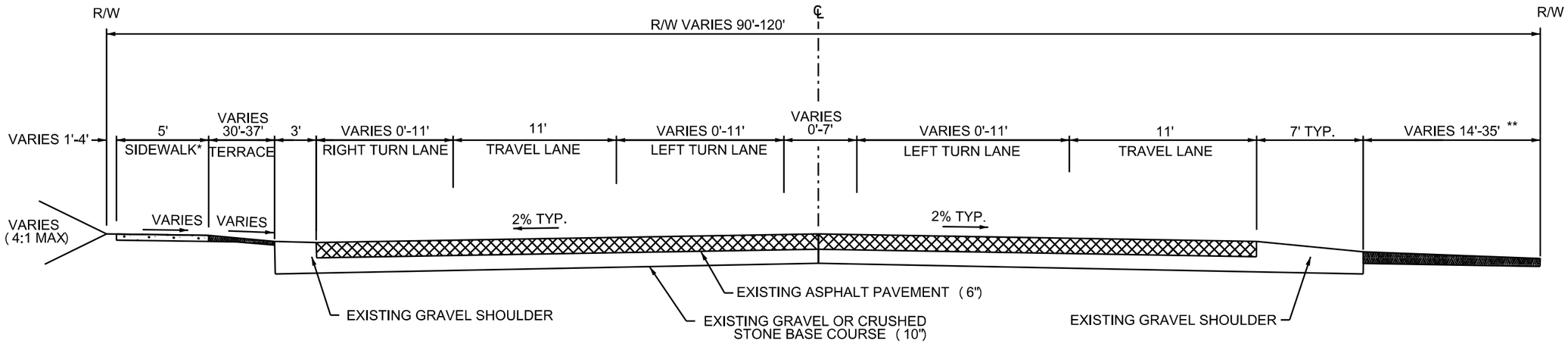


EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

MCLEAN DR TO SEVERSON DR

* 5' SIDEWALK STA 99+56 TO MCLEAN DR
** 5' SIDEWALK ENDS STA 108+20

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	EXISTING TYPICAL SECTIONS	SHEET	E



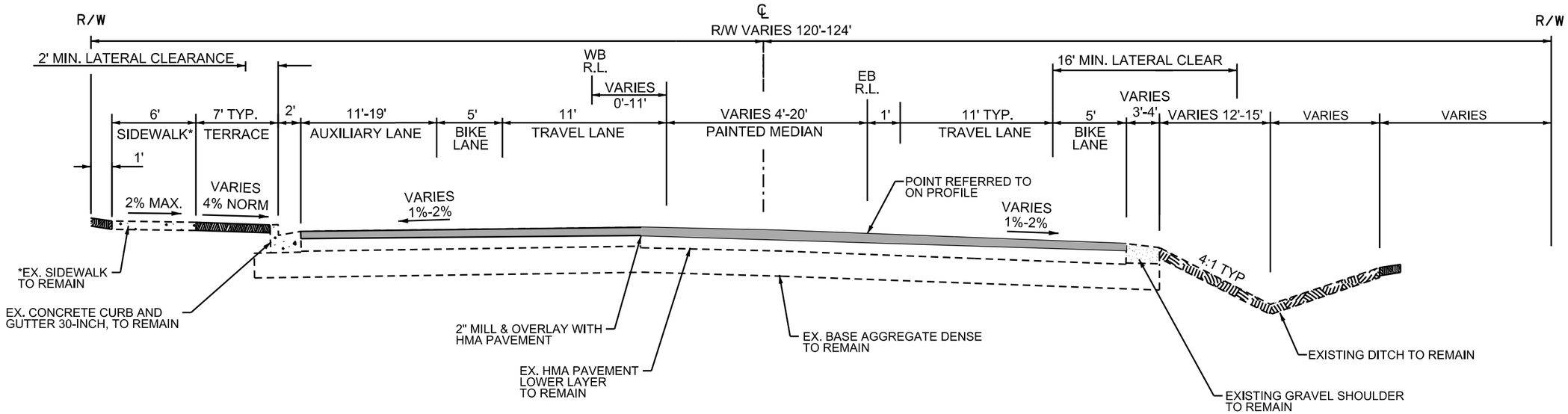
EXISTING TYPICAL SECTION - COTTAGE GROVE ROAD

SEVERSON DR TO SPRECHER RD

* SIDEWALK FROM SEVERSON TO STA 114+67,
STA 117+92 TO SPRECHER

** SIDEWALK FROM SEVERSON TO STA 114+50,
STA 119+68 TO SPRECHER

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	EXISTING TYPICAL SECTIONS	SHEET	E



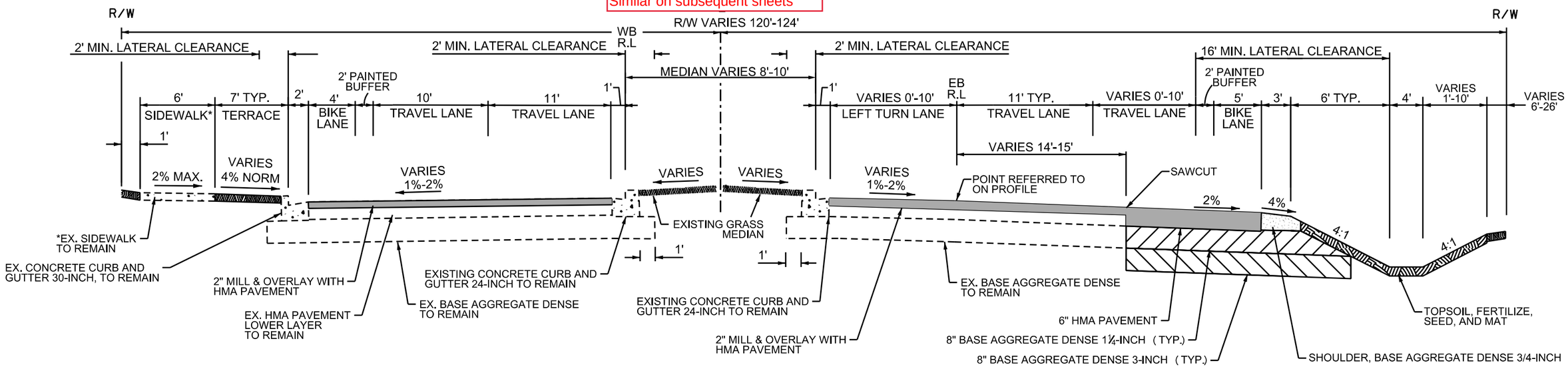
PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 16+04 TO STA 18+43
EB STA 81+60 TO STA 84+00
(WEST TERMINUS TO WEST OF NORTH STAR DR.)

* EXISTING CONCRETE SIDEWALK TO REMAIN (2% MAX)
OR NEW CONCRETE SIDEWALK 5-INCH (1.5% TYP.)
OVER 2" BASE AGGREGATE DENSE ¾ INCH

Change to "Finished Typical Section"

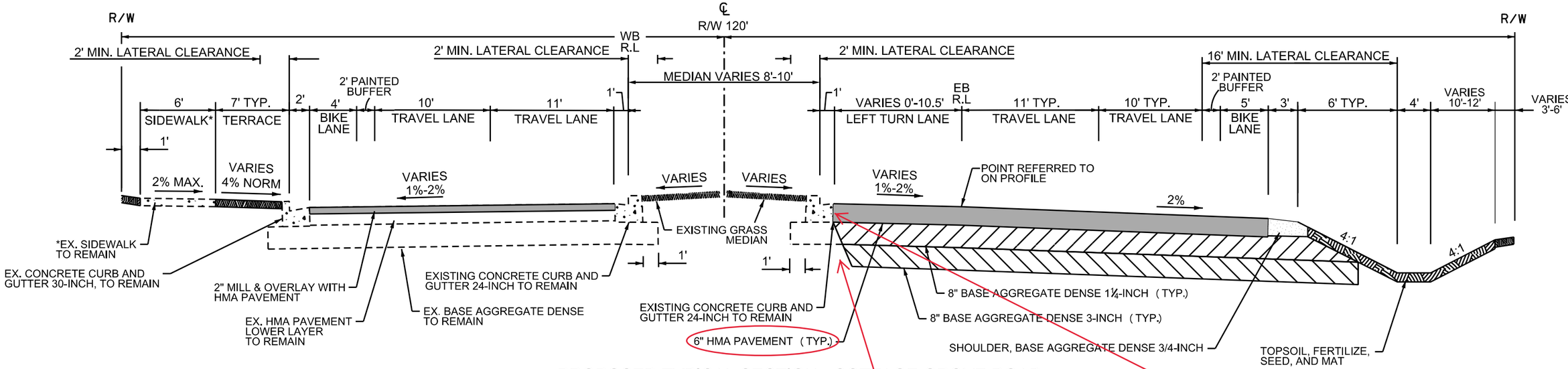
Similar on subsequent sheets



PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 18+43 TO STA 19+93
EB STA 84+00 TO STA 85+50
(WEST OF NORTH STAR DR.)

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET	E



PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

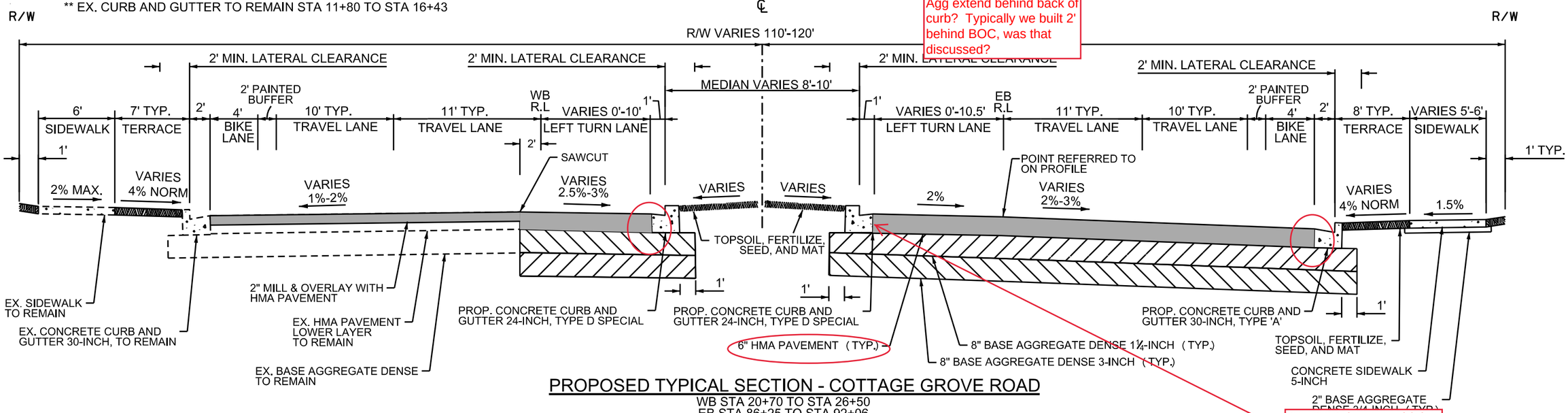
WB STA 19+93 TO STA 20+70
EB STA 85+50 TO STA 86+25
(WEST OF NORTHSTAR DR TO NORTHSTAR DR)

* EXISTING CONCRETE SIDEWALK TO REMAIN (2% MAX)
OR NEW CONCRETE SIDEWALK 5-INCH (1.5% TYP.)
OVER 2" BASE AGGREGATE DENSE ¾ INCH

** EX. CURB AND GUTTER TO REMAIN STA 11+80 TO STA 16+43

24" C&G is 7.75" thick at the flag line. This is saying 6' HMA, but depicting 7.75"

Should this both layers of Agg extend behind back of curb? Typically we built 2' behind BOC, was that discussed?



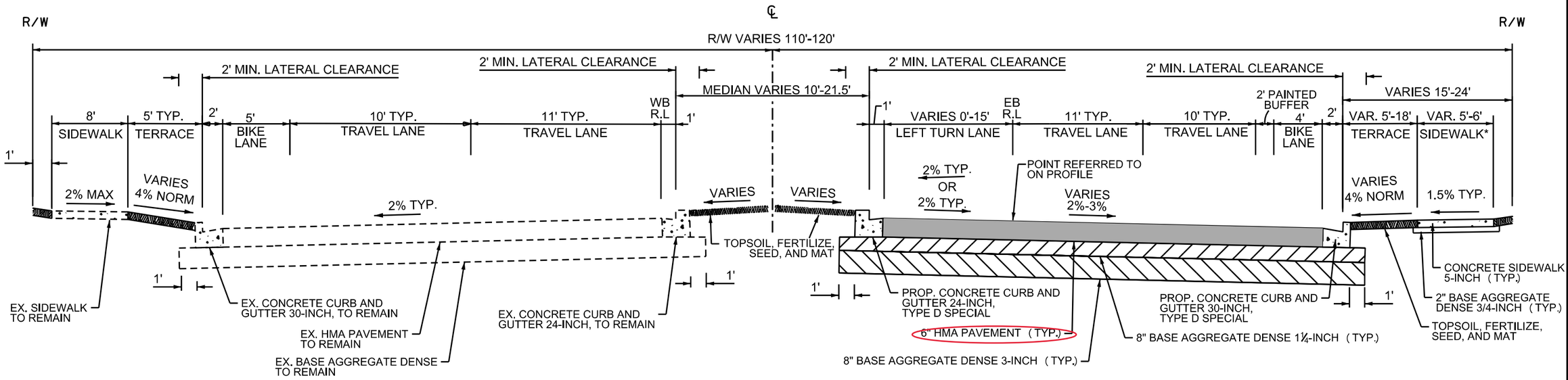
PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 20+70 TO STA 26+50
EB STA 86+25 TO STA 92+06
(NORTHSTAR DR TO GEMINI DR)

24" C&G is 7.75" thick at the flag line. This is saying 6' HMA, but depicting 7.75"

Similar on subsequent sheets

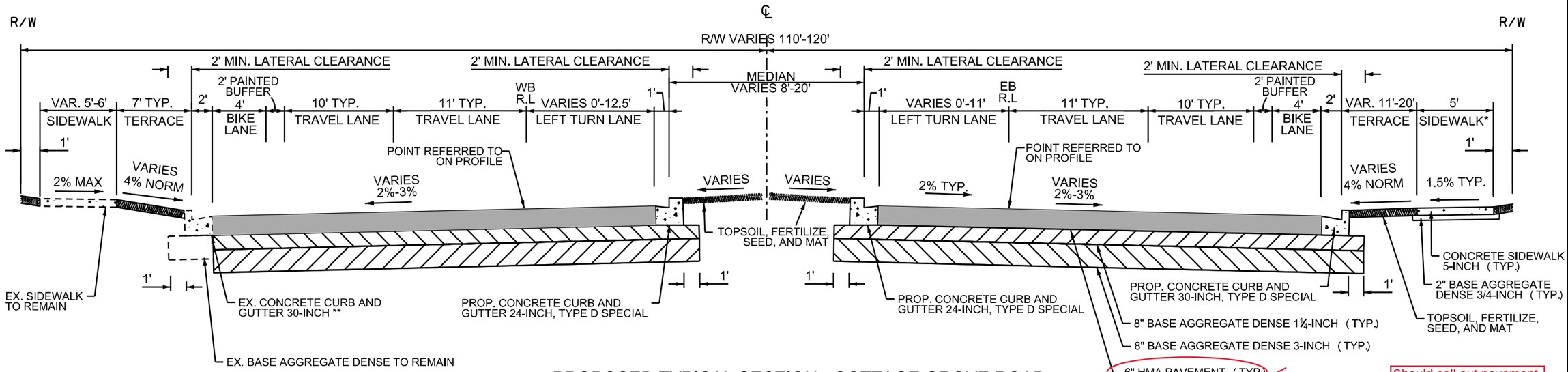
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	ET	E



PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 21+00 TO STA 31+93
EB STA 91+56 TO STA 102+50
(GEMINI DR TO MCLEAN DR)

* EXISTING CONCRETE SIDEWALK TO REMAIN (2% MAX)
OR NEW CONCRETE SIDEWALK 5-INCH (1.5% TYP.)
OVER 2" BASE AGGREGATE DENSE ¾ INCH



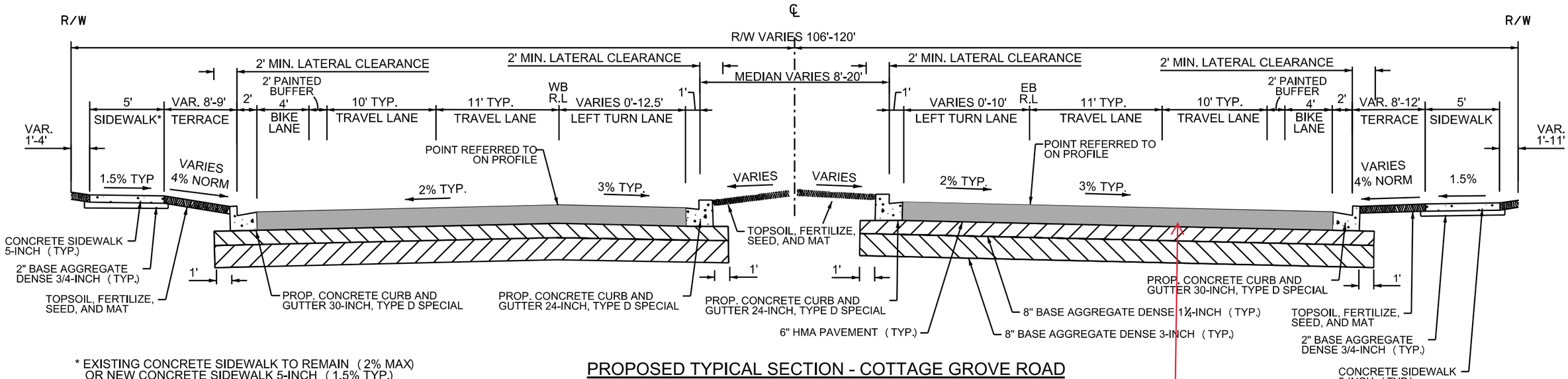
PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 31+93 TO STA 40+25
EB STA 102+50 TO STA 110+82
(MCLEAN DR TO MCCLELLAN DR)

** EX. CURB AND GUTTER TO REMAIN STA 31+93 TO STA 36+25

* EXISTING CONCRETE SIDEWALK TO REMAIN (2% MAX)
OR NEW CONCRETE SIDEWALK 5-INCH (1.5% TYP.)
OVER 2" BASE AGGREGATE DENSE ¾ INCH

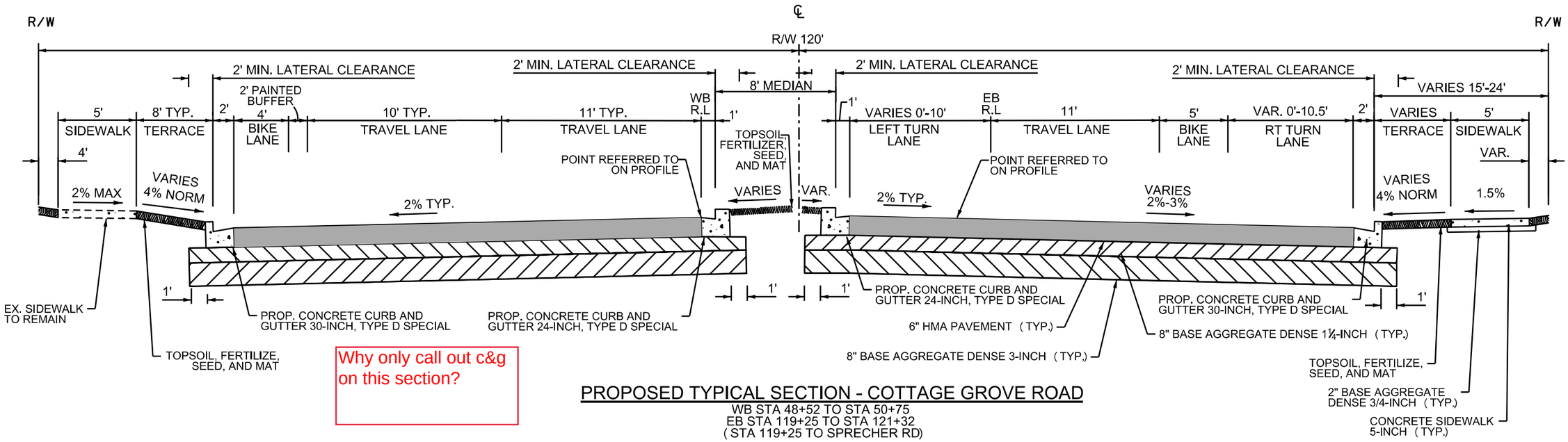
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET	E



* EXISTING CONCRETE SIDEWALK TO REMAIN (2% MAX)
OR NEW CONCRETE SIDEWALK 5-INCH (1.5% TYP.)
OVER 2" BASE AGGREGATE DENSE ¾ INCH

PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 40+25 TO STA 48+52
EB STA 110+82 TO STA 119.25
(MCCLELLAN DR TO STA 119+25)

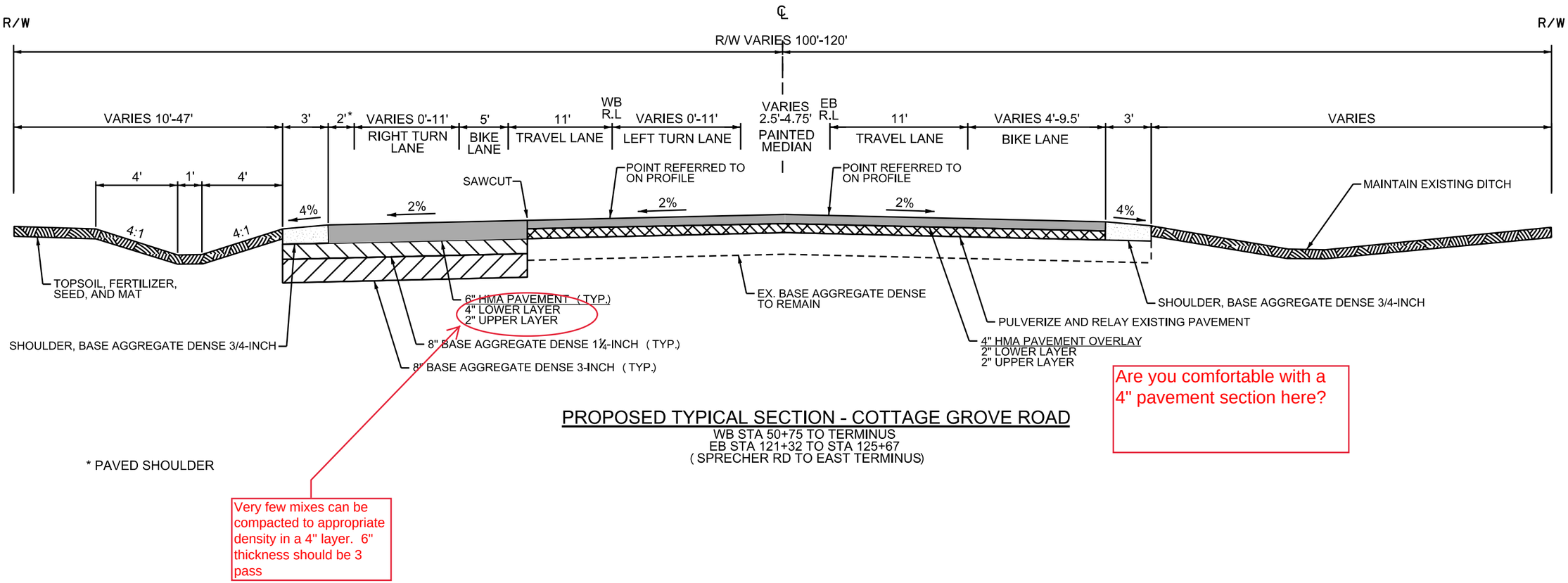


Why only call out c&g on this section?

PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

WB STA 48+52 TO STA 50+75
EB STA 119+25 TO STA 121+32
(STA 119+25 TO SPRECHER RD)

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET	E



Are you comfortable with a 4" pavement section here?

PROPOSED TYPICAL SECTION - COTTAGE GROVE ROAD

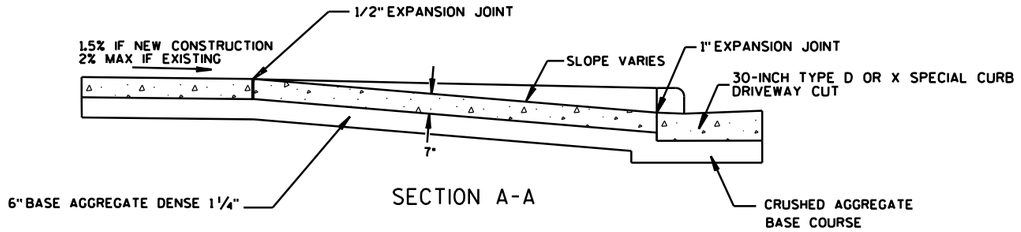
WB STA 50+75 TO TERMINUS
EB STA 121+32 TO STA 125+67
(SPRECHER RD TO EAST TERMINUS)

* PAVED SHOULDER

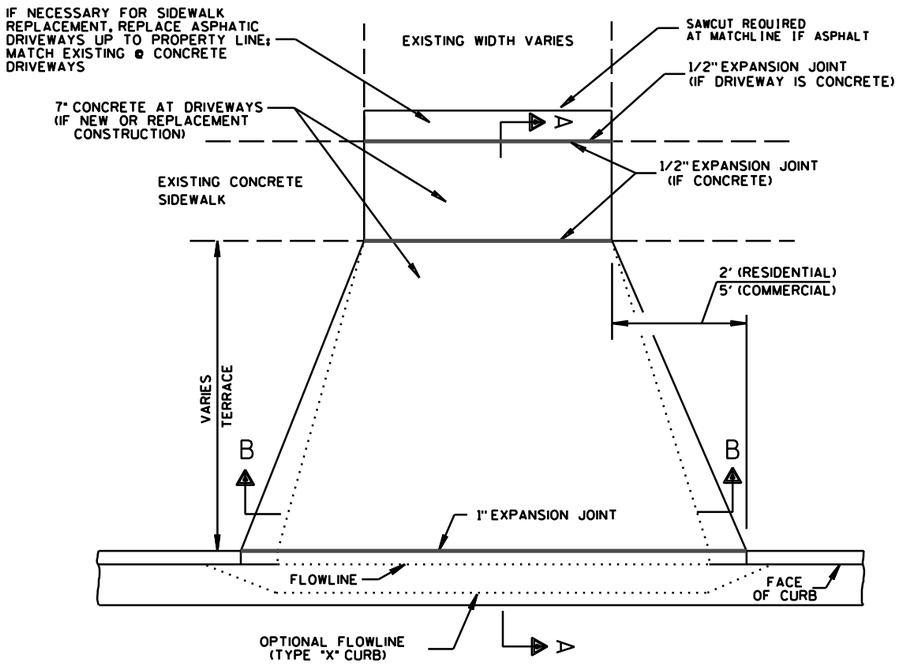
Very few mixes can be compacted to appropriate density in a 4" layer. 6" thickness should be 3 pass

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Streets\90% Plans\DGNs\Typical Sections\Proposed Typical Section 05.dgn PLOT DATE : 7/9/2019 PLOT BY : enjmw PLOT NAME : PLOT SCALE : 7.8750 ' / in.
WISDOT/CADDS SHEET 42



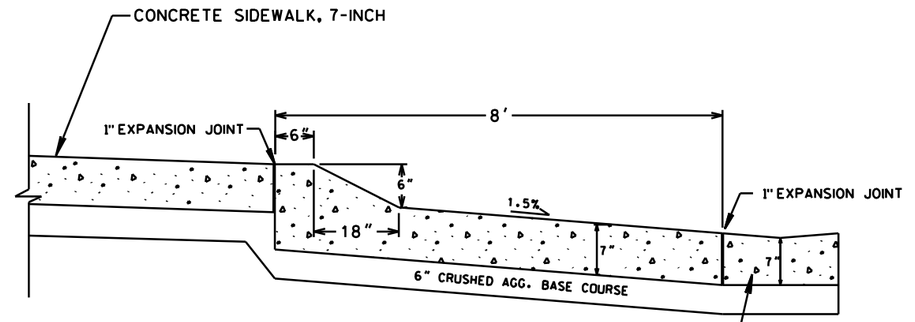
SECTION A-A



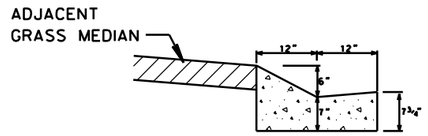
SECTION B-B

CONCRETE DRIVE APRON DETAIL

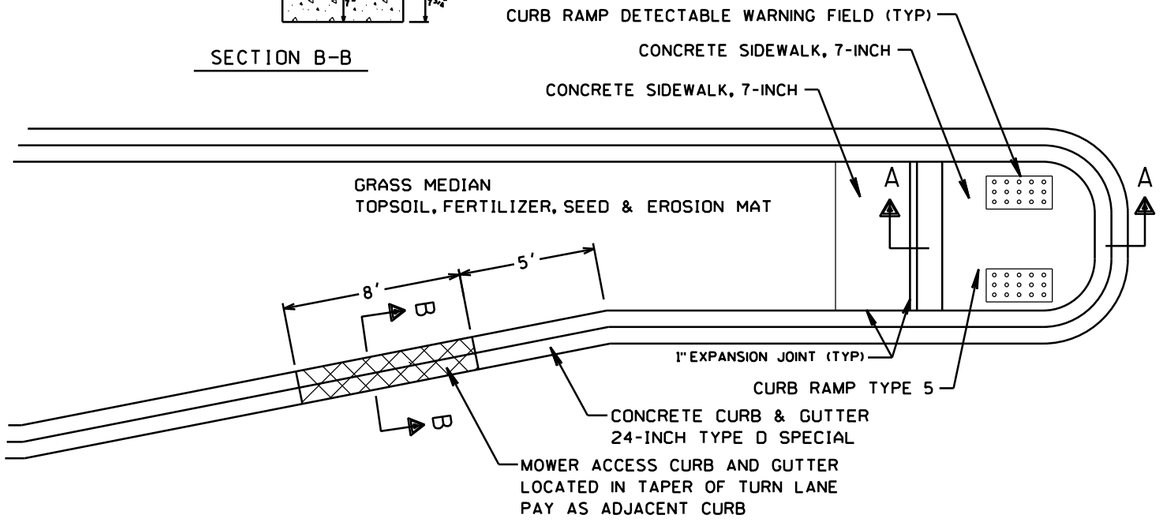
NOT TO SCALE



SECTION A-A



SECTION B-B



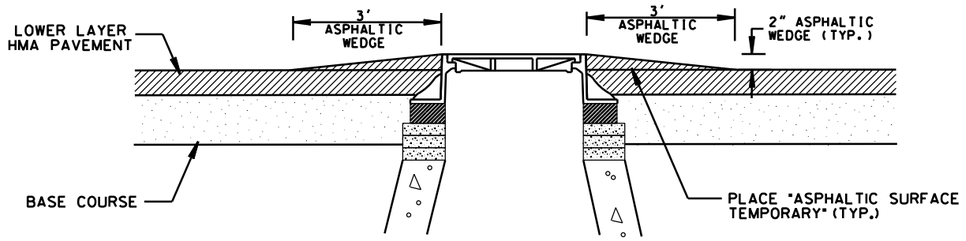
MEDIAN NOSE DETAIL

NOT TO SCALE

NOTES:

PROVIDE ASPHALTIC WEDGES PRIOR TO OPENING LANE TO TRAFFIC

PRIOR TO SURFACE PAVING, REMOVE ALL ASPHALTIC WEDGES DOWN TO THE TOP OF THE LOWER LAYER OF HMA PAVEMENT. REMOVAL OF ASPHALTIC WEDGES WILL BE PAID FOR AS "REMOVE ASPHALTIC SURFACE BUTT JOINTS"

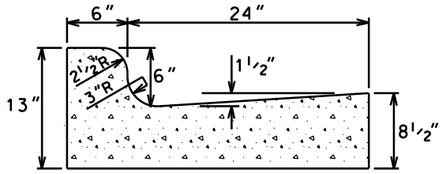


TEMPORARY WEDGING DETAIL

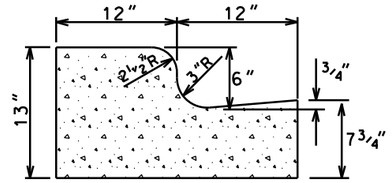
NOT TO SCALE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

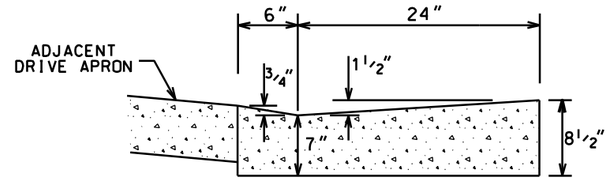
CONCRETE CURB AND GUTTER DETAILS



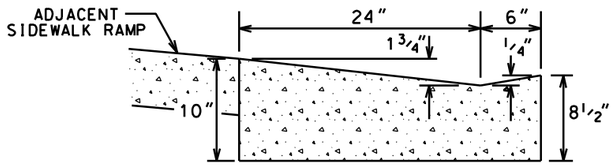
CONCRETE CURB AND GUTTER 30-INCH TYPE D SPECIAL
(CITY OF MADISON TYPE 'A' CURB & GUTTER)
NOT TO SCALE



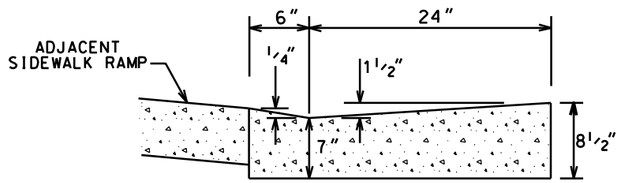
CONCRETE CURB AND GUTTER 24-INCH TYPE D SPECIAL
(CITY OF MADISON TYPE 'H' CURB & GUTTER)
NOT TO SCALE



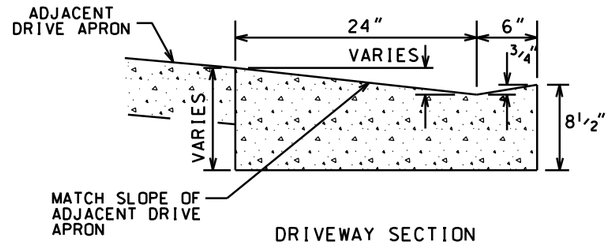
DRIVEWAY SECTION
CONCRETE CURB AND GUTTER 30-INCH TYPE D SPECIAL
(CITY OF MADISON TYPE 'A' CURB & GUTTER)
NOT TO SCALE



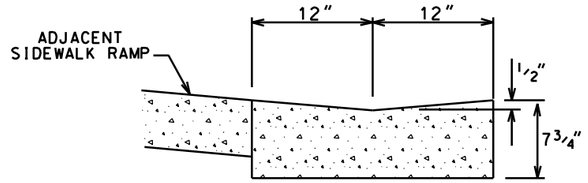
SIDEWALK RAMP SECTION
CONCRETE CURB AND GUTTER 30-INCH TYPE X SPECIAL
(CITY OF MADISON TYPE 'X' CURB & GUTTER)
NOT TO SCALE



SIDEWALK RAMP SECTION
CONCRETE CURB AND GUTTER 30-INCH TYPE D SPECIAL
(CITY OF MADISON TYPE 'A' CURB & GUTTER)
NOT TO SCALE



DRIVEWAY SECTION
CONCRETE CURB AND GUTTER 30-INCH TYPE X SPECIAL
(CITY OF MADISON TYPE 'X' CURB & GUTTER)
NOT TO SCALE



SIDEWALK RAMP SECTION
CONCRETE CURB AND GUTTER 24-INCH TYPE D SPECIAL
(CITY OF MADISON TYPE 'H' CURB & GUTTER)
NOT TO SCALE

GENERAL NOTES:

LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH

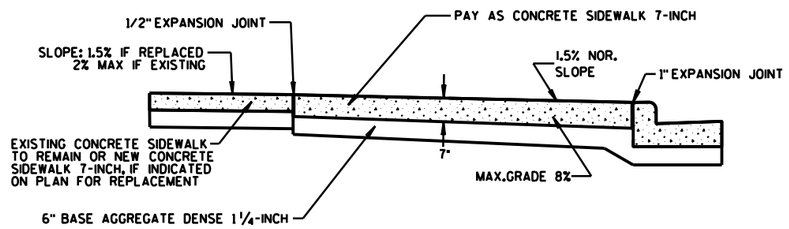
EXPANSION JOINTS SHALL BE PLACED TRANSVERSLY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS. AND AT ANGLE POINTS. OR AS DIRECTED BY THE ENGINEER. THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE ½" THICK.

IN ALL CASES. CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE

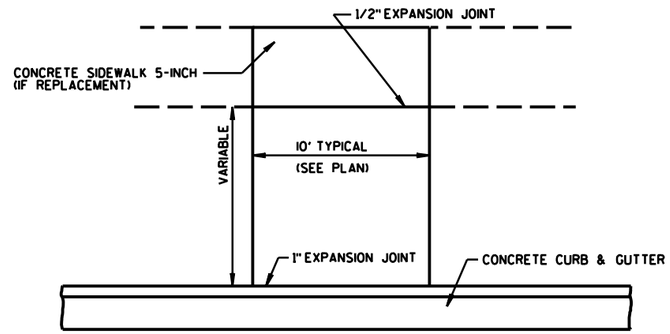
TRANSITIONS BETWEEN TYPE D CURB AND TYPE X CURB ARE TO BE MADE OVER A MINIMUM AS 6 FT. LENGTHEN TRANSITIONS AS NECESSARY TO MAINTAIN DRAINAGE ALONG THE FLOW LINE. PAY THESE TRANSITIONS AS THE TYPE X CURBS OR AS NOTED.

BUS BOARDING PAD DETAIL

NOT TO SCALE

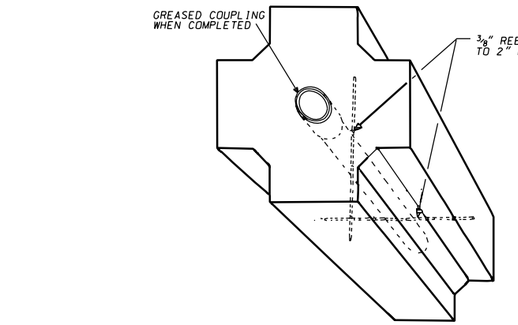


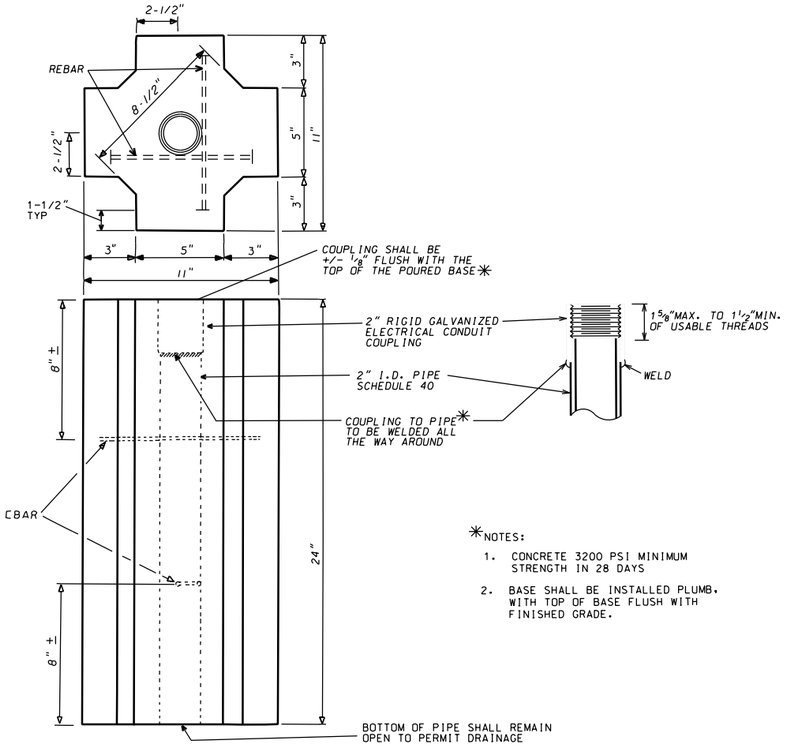
PROFILE



PLAN

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



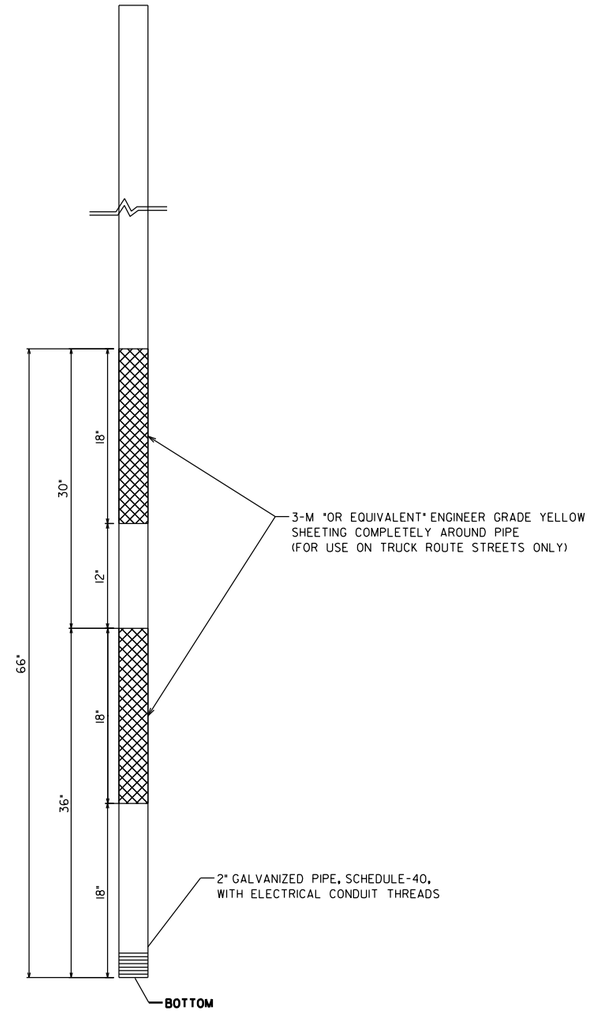


*NOTES:

1. CONCRETE 3200 PSI MINIMUM STRENGTH IN 28 DAYS
2. BASE SHALL BE INSTALLED PLUMB. WITH TOP OF BASE FLUSH WITH FINISHED GRADE.

PRECAST SIGN POST BASE DETAIL

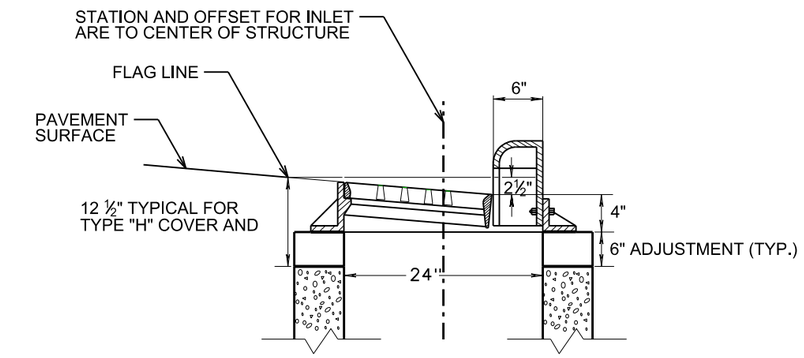
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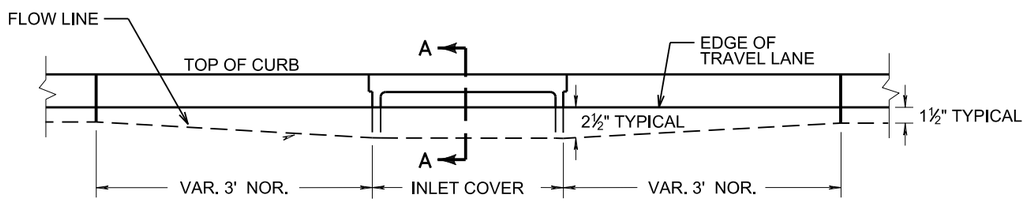
SIGN POST DETAIL

NOT TO SCALE

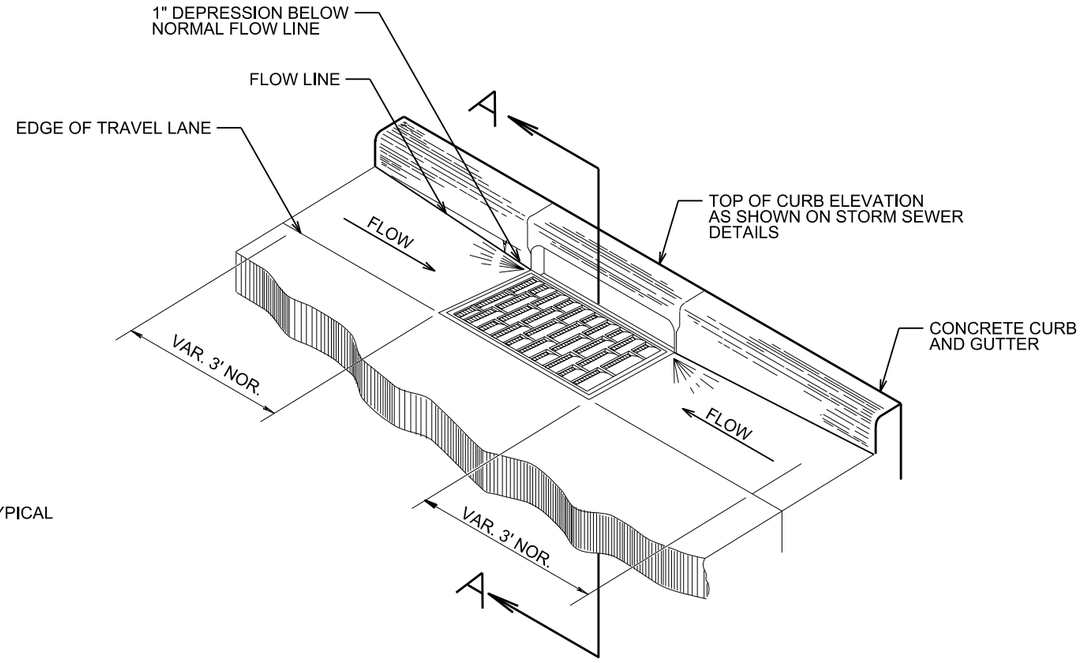
PROJECT NO:5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



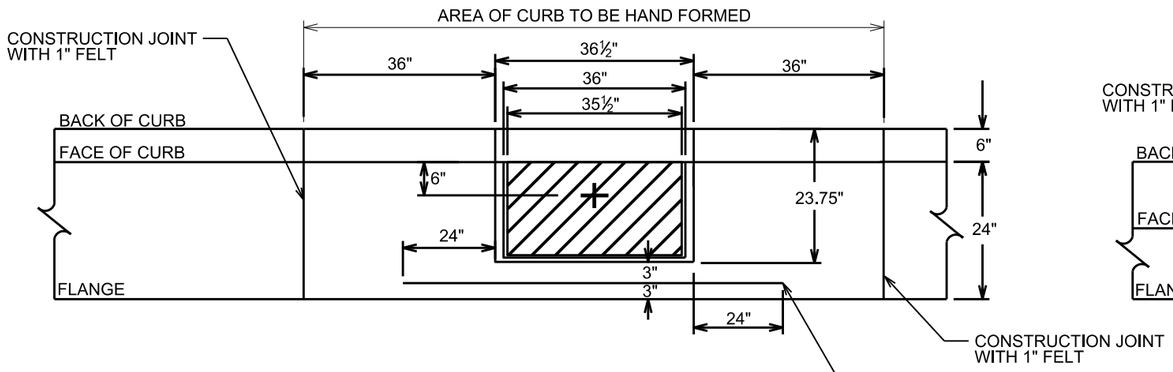
SECTION A-A



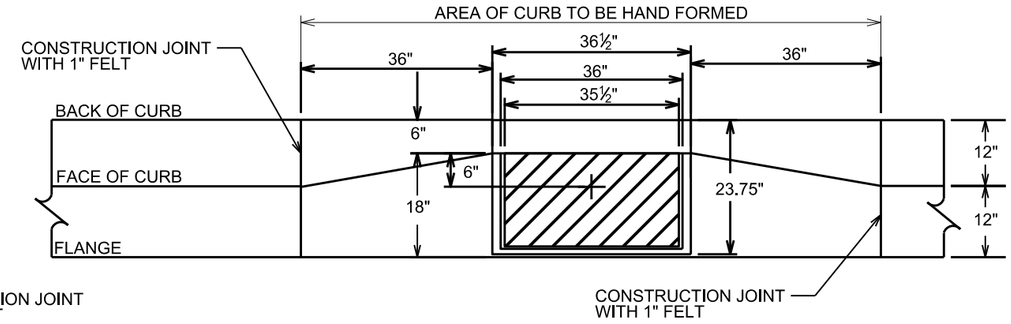
ELEVATION VIEW



CURB AND GUTTER AT INLET DETAIL
SCALE: NONE



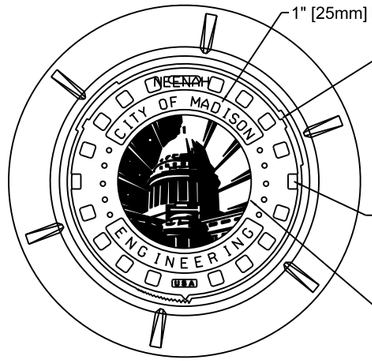
CONCRETE CURB AND GUTTER 30-INCH TYPE D SPECIAL
PLAN VIEW



CONCRETE CURB AND GUTTER 24-INCH TYPE D SPECIAL
PLAN VIEW

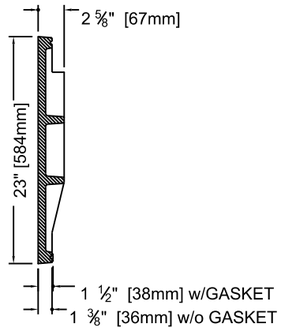
CURB AND GUTTER AT INLET DETAIL
SCALE: NONE

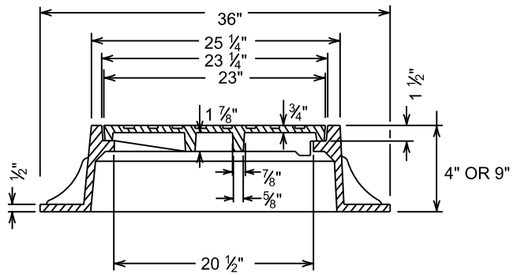
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

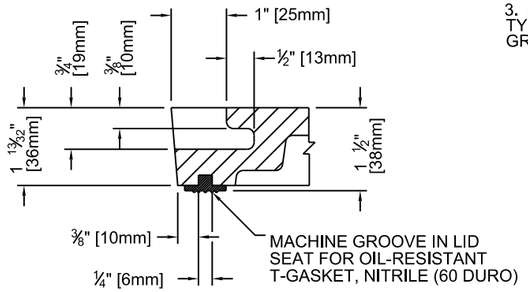


LOGO DETAIL









T-SEAL GASKET / CONCEALED PICK DETAIL

NOTES:
APPROXIMATE TOTAL WEIGHTS:
R-1550 w/ LOGO LID 1550-0054, 9" FRAME AND LID = 265 LBS.
R-1689 w/ LOGO LID 1550-0054, 4" FRAME AND LID = 279 LBS.

IF LOCKABLE LID IS NECESSARY, R-1920, 83/4" FRAME AND LID = 300 LBS
THERE IS NO CITY OF MADISON LOGO LID AVAILABLE FOR THIS
FRAME AND CASTING.

THE FOLLOWING NEENAH FOUNDRY CASTINGS (OR EQUAL CASTINGS)
SHALL BE ACCEPTABLE:

1. R-1550, 9" NON-ROCKING ACCESS STRUCTURE FRAME.

2. R-1689, 4" NON-ROCKING ACCESS STRUCTURE FRAME
(WHEN REQUESTED BY THE CITY CONSTRUCTION ENGINEER).

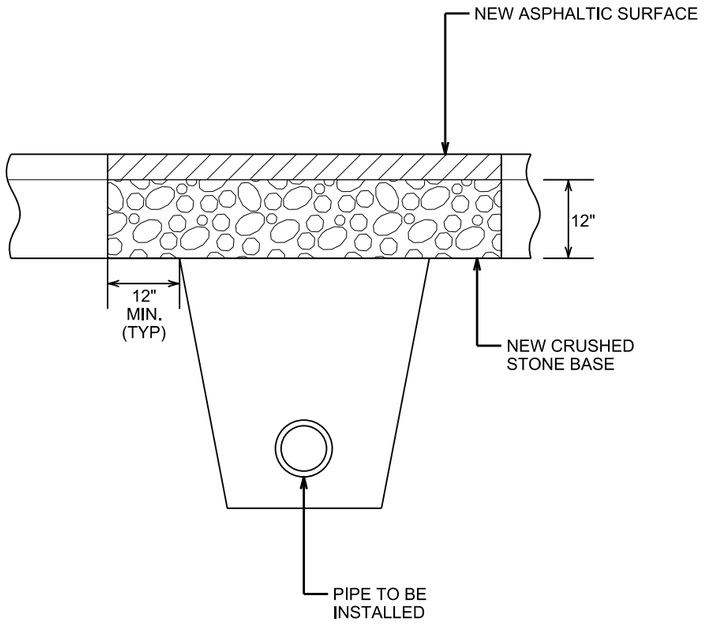
3. R-1920, 83/4" ACCESS STRUCTURE FRAME WITH LOCKING LID,
TYPE 'F' LOCKS, AND CONCEALED PICK HOLES. TO BE USED IN
GREENWAYS AND EASEMENTS.

1. FRAME AND COVER SHALL BE MACHINED AND
FITTED SO THAT ROCKING AND CHATTERING
WILL BE ELIMINATED.
2. ALL LIDS SHALL BE SELF-SEALING EXCEPT
FOR STORM SEWER.
3. ALL LIDS SHALL HAVE CITY OF MADISON LOGO
AS SHOWN IN DETAIL (R-1550-0054 OR EQUIV.)

LID NOTES: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND [METRIC]
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B

MANHOLE COVERS TYPE J SPECIAL
SCALE: NONE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



THE PATCH SHALL BE CRUSHED STONE BASE COURSE, GRADATION NO. 2 OVERLAID WITH ASPHALT UPPER LAYER EQUAL IN THICKNESS TO THE EXISTING ASPHALTIC PAVEMENT,WITH A MINIMUM THICKNESS OF 3.5" AND A MAXIMUM THICKNESS OF 6" UNLESS OTHERWISE SPECIFIED AND LAID IN ONE OR MORE COURSES AS DIRECTED BY THE ENGINEER.

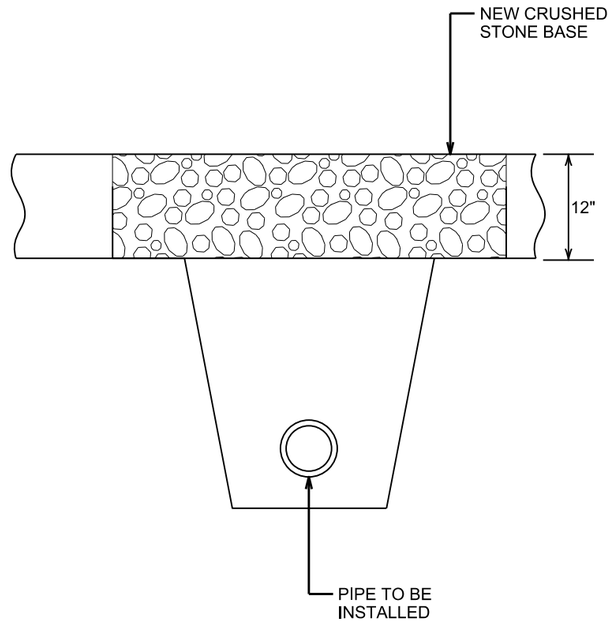
THE PAVEMENT ALONG THE PATCH SHALL BE SAWCUT, FULL DEPTH, AND INCIDENTAL TO THE TRENCH PATCH. THE EDGES OF THE EXISTING ASPHALTIC PAVEMENT SHALL BE FREE OF LOOSE STONES OR PAVEMENT MATERIAL.

THE CRUSED STONE BASE COURSE SHALL BE INSTALLED IN TWO LIFTS. THE LOWER LIFT SHALL BE THOROUGHLY MECHANICALLY COMPACTED PRIOR TO PLACING THE UPPER LIFT.

THE ASPHALT UPPER LAYER SHALL BE LAID IN TWO LIFTS. THE ASPHALT UPPER LAYER SHALL BE MACHINE LAID WHERE DIRECTED BY THE ENGINEER. WHERE THE ASPHALTIC UPPER LAYER IS MACHINE LAID AND IS NOT MORE THAN 3" IN THICKNESS, THE ASPHALT SURFACE COURSE MAY BE IN ONE LIFT.

PRIOR TO PLACING THE ASPHALT UPPER LAYER, THE EDGES OF THE PATCH AND THE SURFACE OF THE CRUSED STONE BASE SHALL BE TACKED AND PRIMED WITH LIQUID ASPHALT.

UTILITY TRENCH PATCH TYPE III
SCALE: NONE



THE PATCH SHALL BE 12" CRUSHED STONE BASE COURSE, GRADATION NO. 2. FULL DEPTH SAWCUTTING OF ADJACENT PAVEMENT (IF ANY) SHALL BE CONSIDERED INCIDENTAL TO THE TRENCH PATCH.

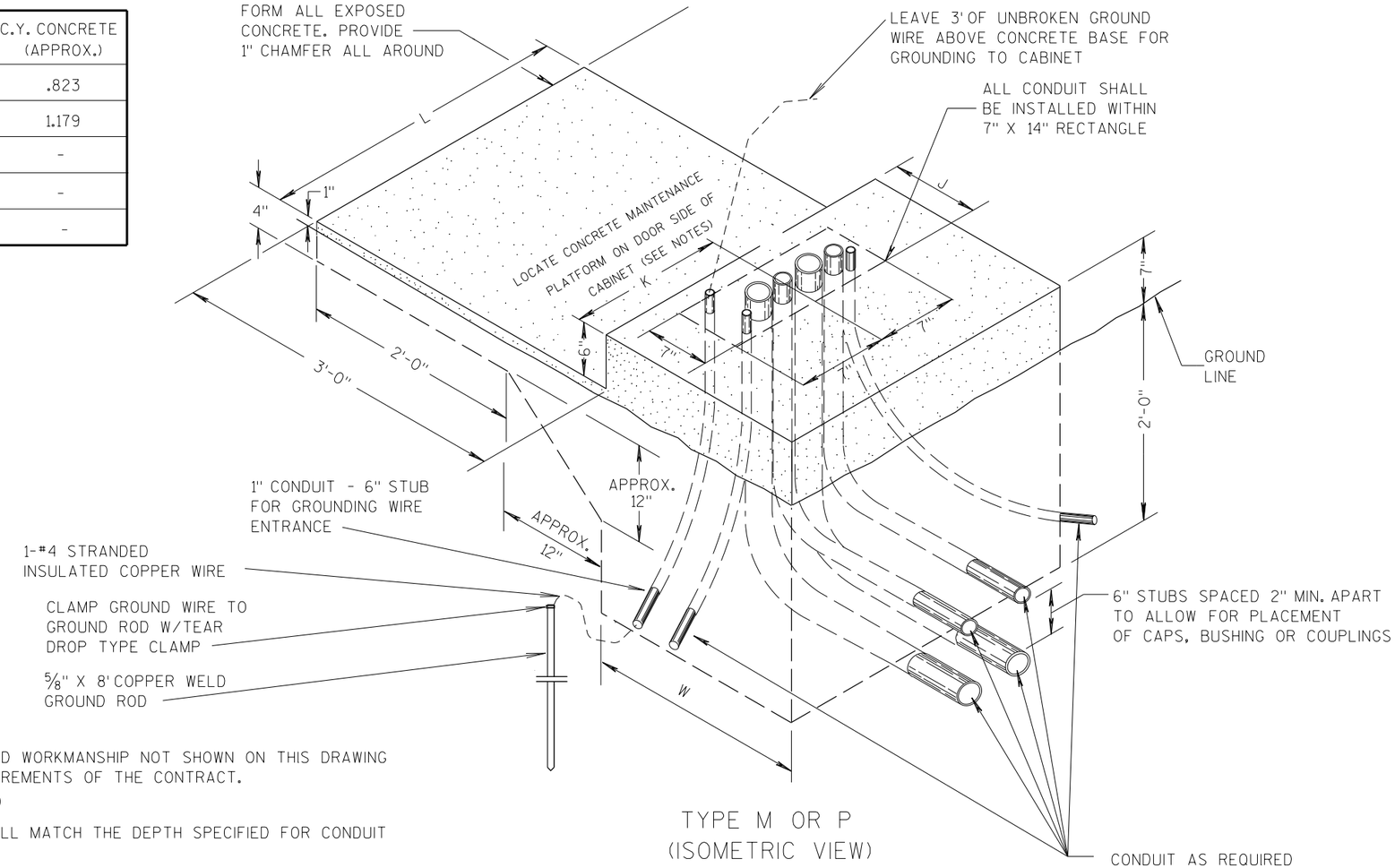
THE CRUSHED STONE BASE COURSE SHALL BE INSTALLED IN THREE LIFTS. EACH LIFT SHALL BE THOROUGHLY MECHANICALLY COMPACTED PRIOR TO PLACING SUCCEEDING LIFTS.

UTILITY TRENCH PATCH TYPE IV
SCALE: NONE

2

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

CONTROL CABINET BASE TYPE	DIMENSIONS				C.Y. CONCRETE (APPROX.)
	L	W	J	K	
TYPE M	40"	30"	12"	20"	.823
TYPE P	48"	30"	16"	24"	1.179
TYPE M MODIFIED	-	-	-	-	-
TYPE P MODIFIED	-	-	-	-	-
TYPE OTHER	-				-



TYPE M OR P
(ISOMETRIC VIEW)

CONCRETE CONTROL CABINET BASES

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL CONDUIT SHALL BE PVC, SCHEDULE 40

DEPTH OF CONDUIT EXITING THE BASE SHALL MATCH THE DEPTH SPECIFIED FOR CONDUIT INSTALLATION.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL.

MAINTENANCE PLATFORM SHALL NOT BE INSTALLED WHEN THE SURROUNDING AREA IS PAVED.

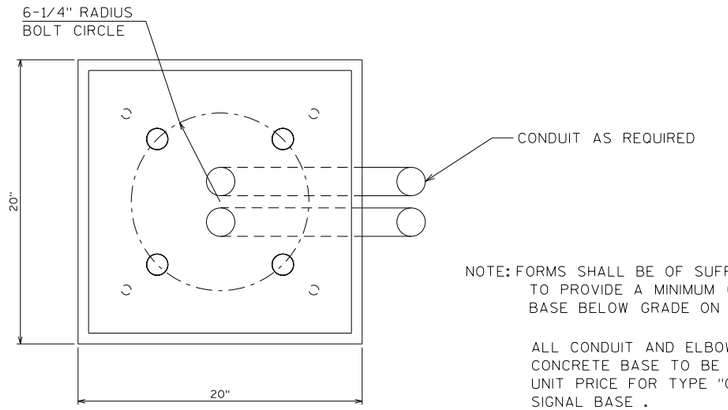
MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MINIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

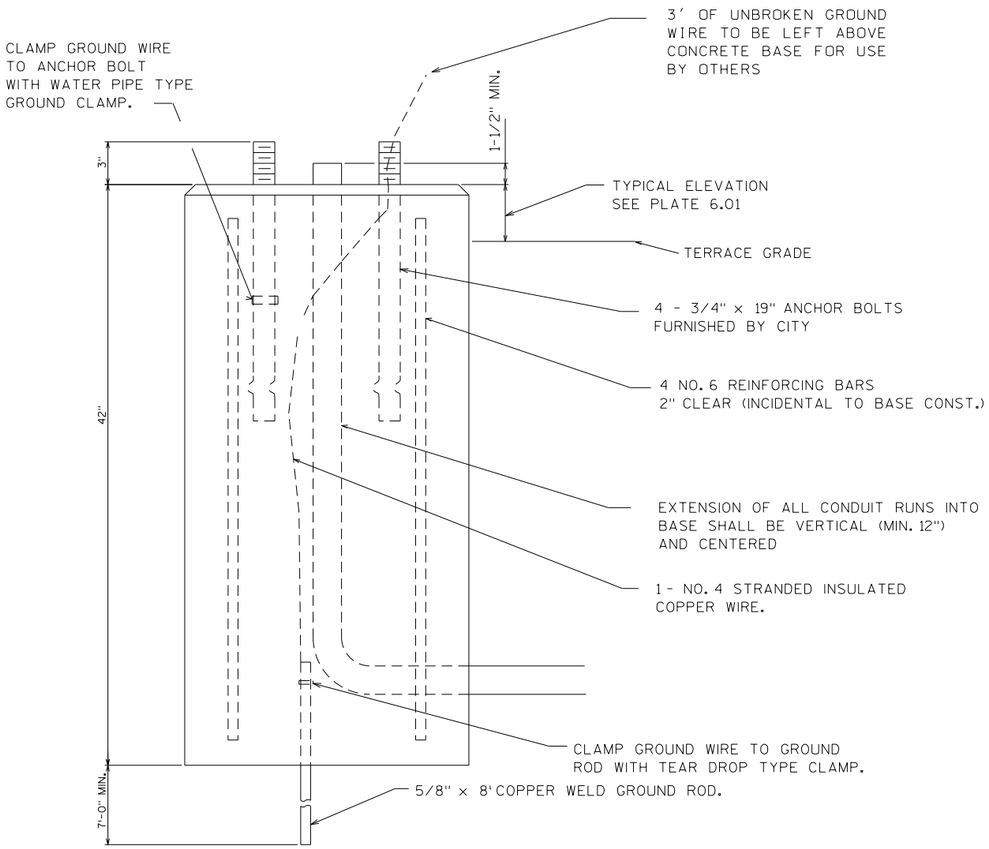
CONDUITS SHALL EXIT THE BASE IN THE DIRECTION OF THE STRUCTURE IT IS TERMINATING INTO.

MAINTENANCE PLATFORM SIZE MAY VARY ON ACCOUNT OF CONDITIONS. VERIFY THE MAINTENANCE PLATFORM SIZE WITH ENGINEER PRIOR TO POURING BASE.

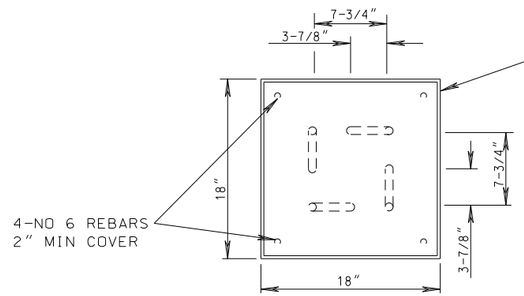


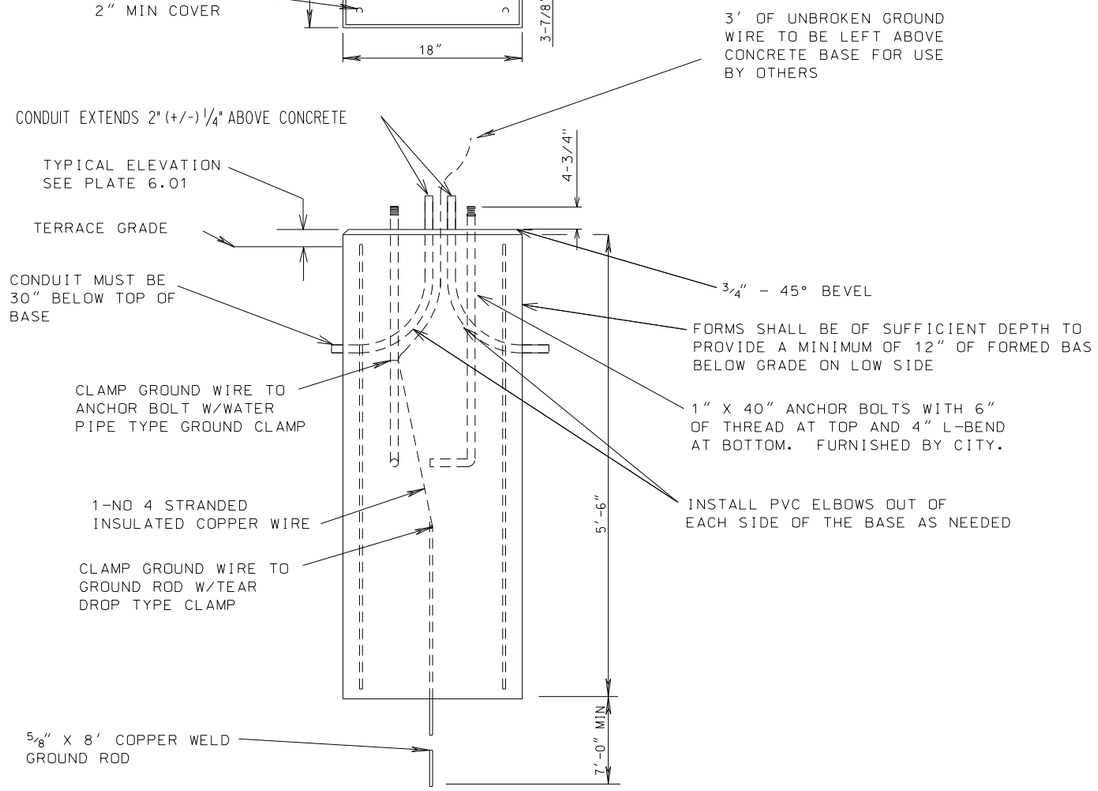
NOTE: FORMS SHALL BE OF SUFFICIENT DEPTH TO PROVIDE A MINIMUM OF 12" OF FORMED BASE BELOW GRADE ON THE LOW SIDE.

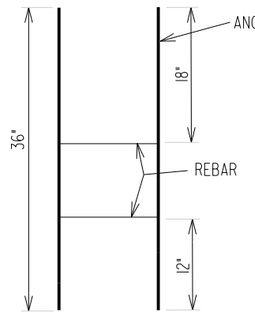
ALL CONDUIT AND ELBOWS SHOWN IN CONCRETE BASE TO BE INCLUDED IN UNIT PRICE FOR TYPE "G" TRAFFIC SIGNAL BASE .



TYPE G BASE





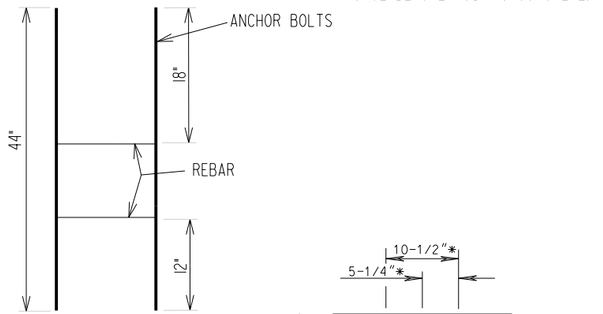


HORIZONTAL REBAR SHALL BE TACK WELDED OR WIRED TO ANCHOR BOLTS TO FORM ANCHOR BOLT CAGE BEFORE POURING CONCRETE.

TYPE LB-3 BASE

TYPE LB-8 BASE

HORIZONTAL REBAR SHALL BE TACK WELDED OR WIRED TO ANCHOR BOLTS TO FORM ANCHOR BOLT CAGE BEFORE POURING CONCRETE.



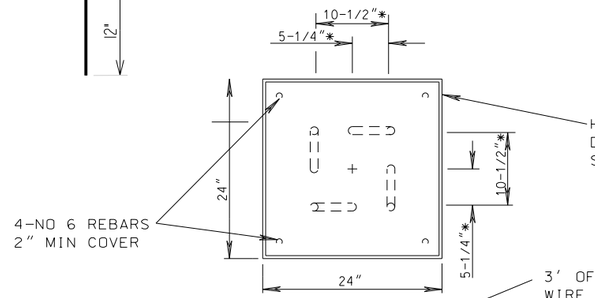
*IF ANOTHER BOLT CIRCLE IS REQUIRED, INSTEAD OF THE 15" BOLT CIRCLE SHOWN, THE FOLLOWING DIMENSIONS SHOULD BE USED

11" BOLT CIRCLE

CENTER TO BOLT 3-7/8"
BOLT TO BOLT 7-3/4"

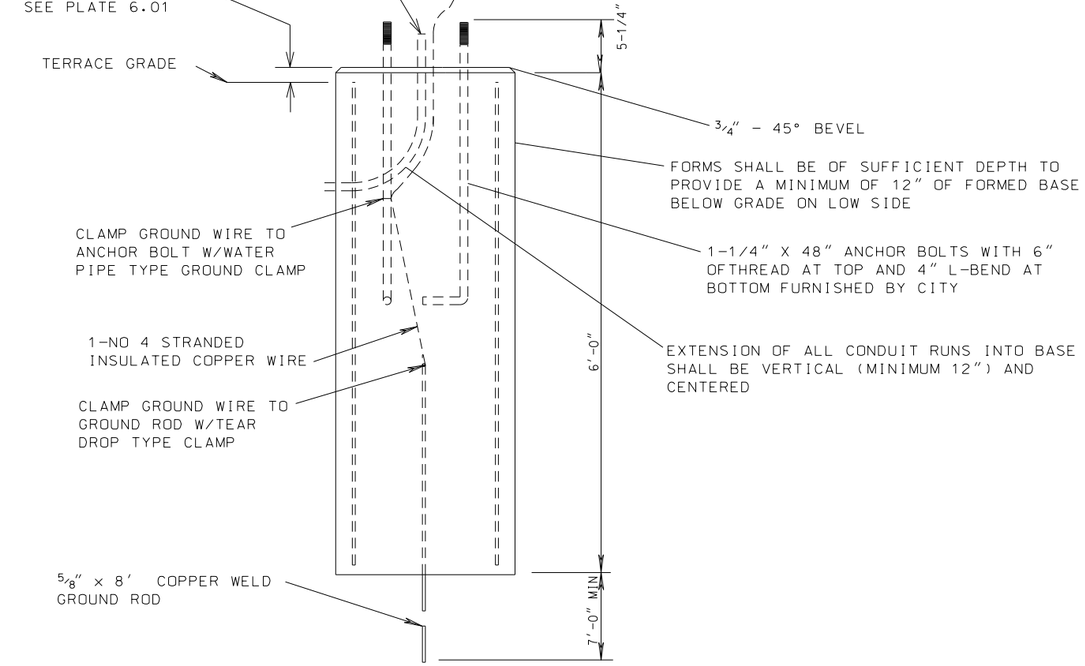
12-1/2" BOLT CIRCLE

CENTER TO BOLT 4-7/16"
BOLT TO BOLT 8-7/8"

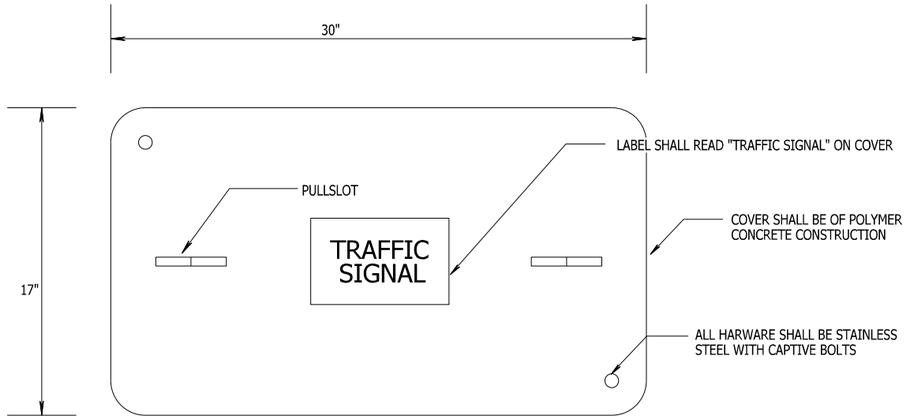


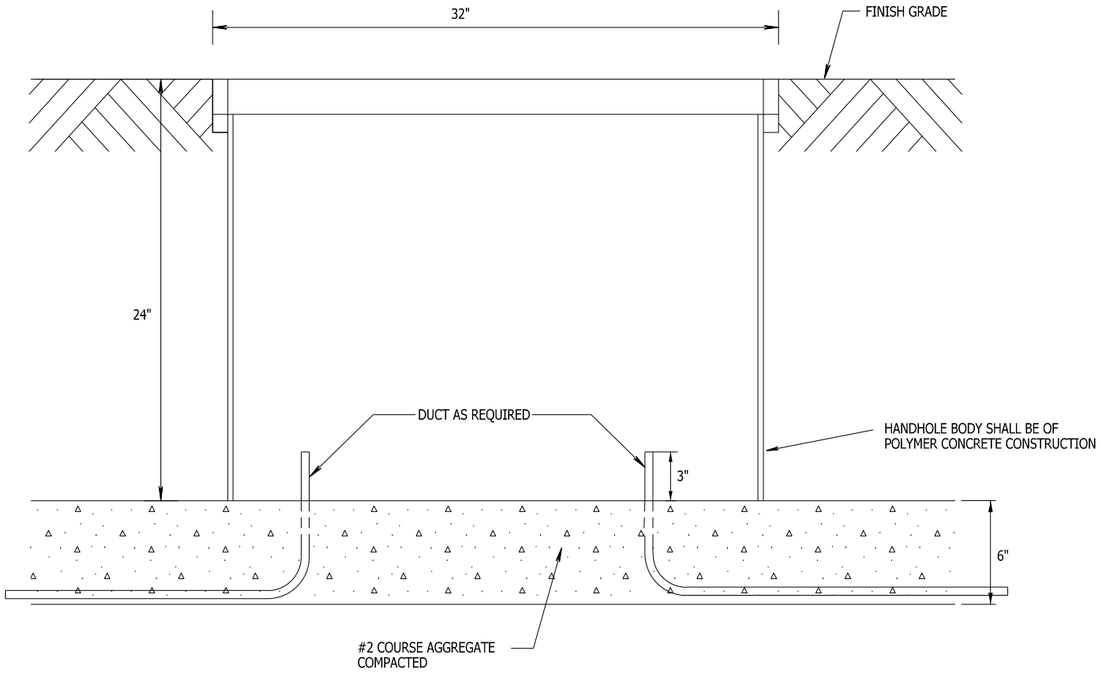
HOLE FOR BASE MAY BE DUG WITH 26" DIAMETER AUGER. THEN THE TOP SHALL FORMED AS A SQUARE

3' OF UNBROKEN GROUND WIRE TO BE LEFT ABOVE CONCRETE BASE FOR USE BY OTHERS

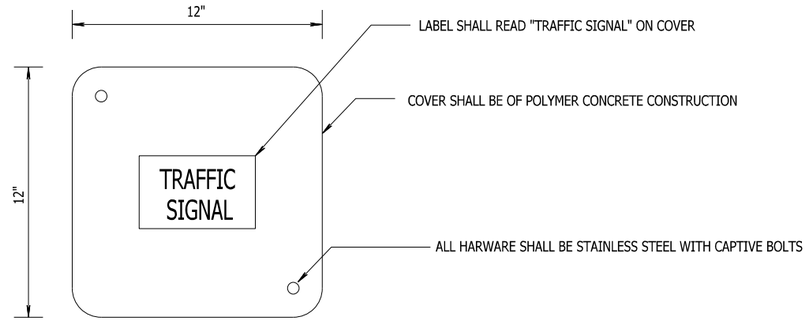


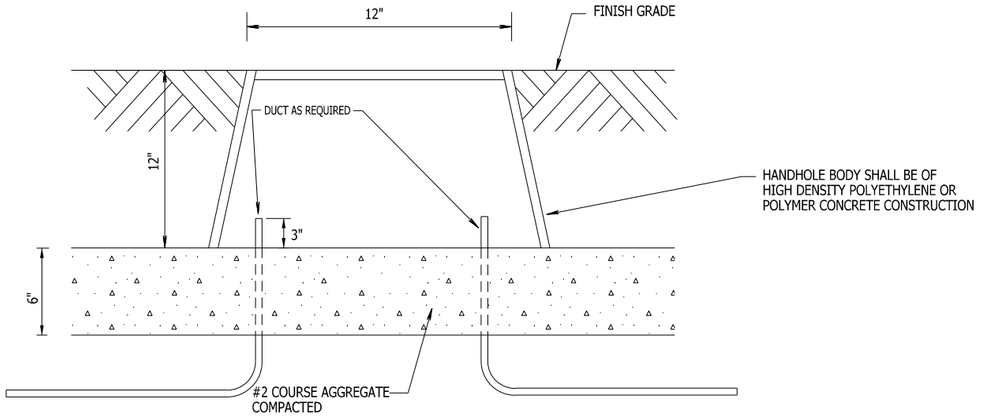
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS DETAILS - TYPE LB-8 BASE	SHEET E-31	E



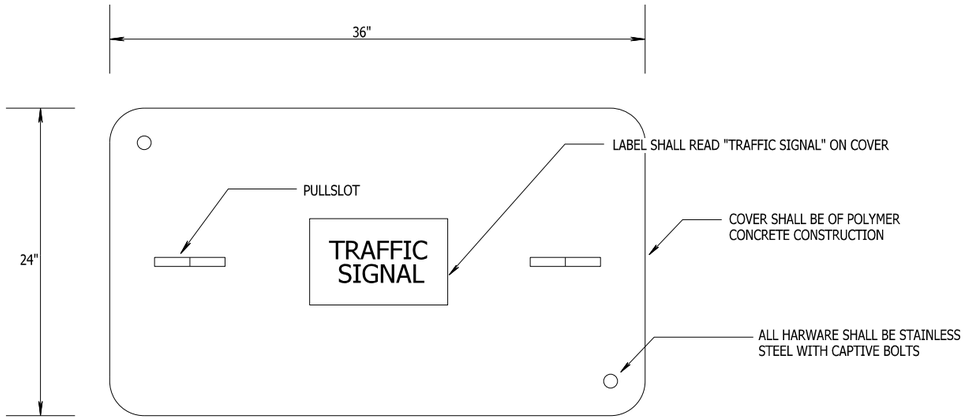


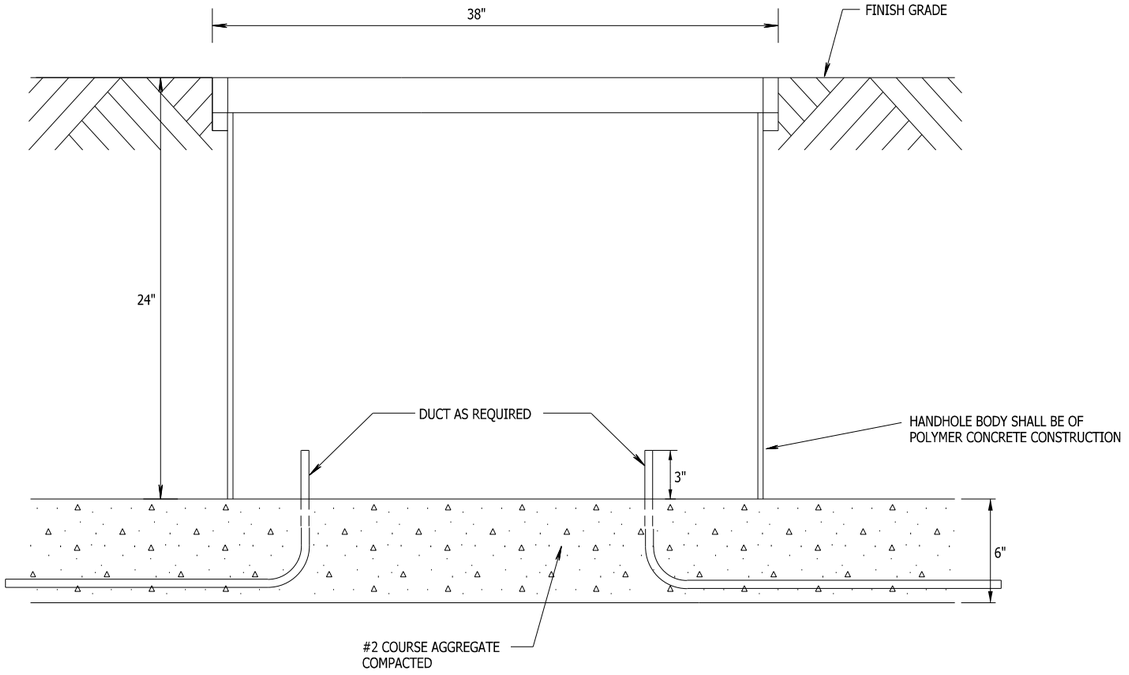
TYPE I ELECTRICAL PULLBOX



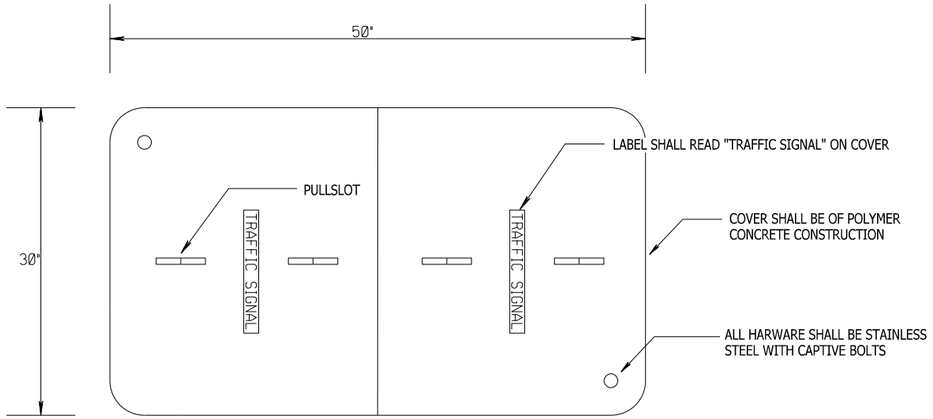


TYPE III ELECTRICAL PULLBOX

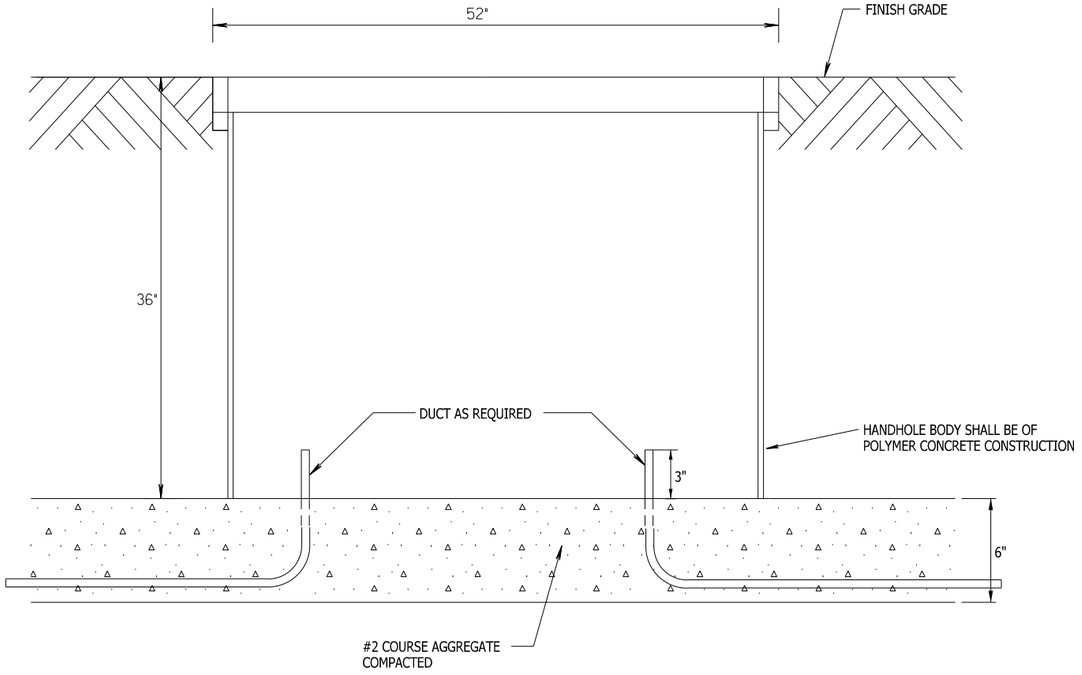




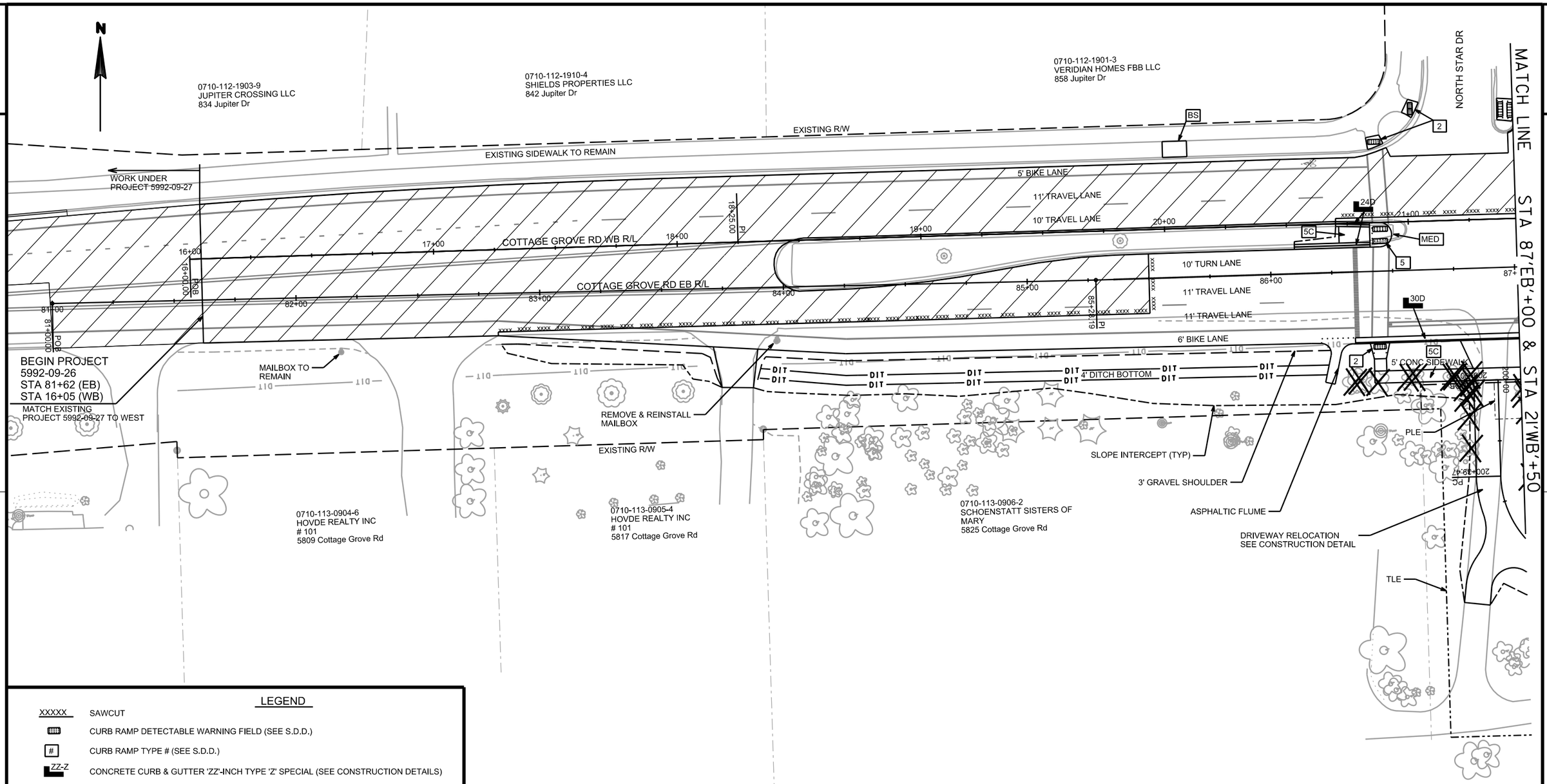
TYPE V ELECTRICAL PULLBOX



*15,000 LBS MAXIMUM LOAD OVER A 10'X10' TEST AREA RATING FOR COVER AND BOX



TYPE VII ELECTRICAL PULLBOX



LEGEND

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)
	MILL & OVERLAY
CT	CURB TRANSTION (SEE NOTE 4)

NOTES:

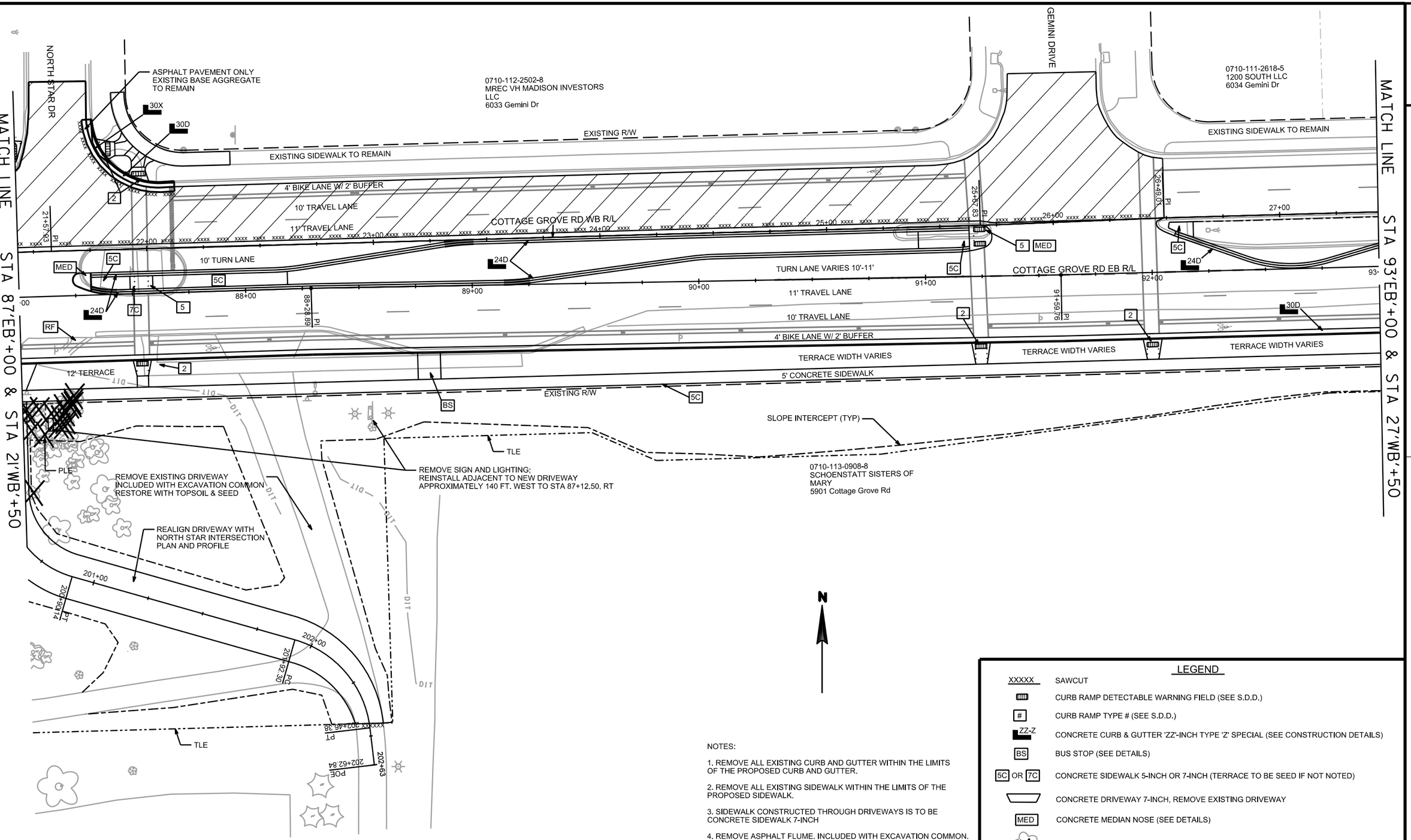
1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

3. SIDEWALK CONSTRUCTED THROUGH DRIVEWAYS IS TO BE CONCRETE SIDEWALK 7-INCH.

4. CURB TRANSTIONS OVER 6' BETWEEN FULL CURB HEIGHT AND ADJACENT PAVEMENT EDGE ELEVATION. CURB TRANSITIONS ARE INCLUDED WITH THE CURB AND GUTTER ITEM.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E



NOTES:

1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

3. SIDEWALK CONSTRUCTED THROUGH DRIVEWAYS IS TO BE CONCRETE SIDEWALK 7-INCH

4. REMOVE ASPHALT FLUME. INCLUDED WITH EXCAVATION COMMON.

LEGEND

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)
	MILL & OVERLAY
RF	REMOVE ASPHALT FLUME (SEE NOTE 4)

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E

2

MATCH LINE STA 93'EB'+00 & STA 27'WB'+50

MATCH LINE STA 99'EB'+00 & STA 33'WB'+50

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

EXISTING R/W

EXISTING SIDEWALK TO REMAIN

5' BIKE LANE

10' TRAVEL LANE

11' TRAVEL LANE

11' TURN LANE

COTTAGE GROVE RD WB R/L

COTTAGE GROVE RD EB R/L

12' TURN LANE

REMOVE CONC

28+00 29+00 30+00 31+00 32+00 32+85.89 PI 33+00 94+00 95+00 96+00 97+00 98+00 99+

5C 24D MED MCM 7C

30D

10' TRAVEL LANE

4' BIKE LANE W/ 2' BUFFER

TERRACE WIDTH VARIES

5' CONCRETE SIDEWALK

6' CONCRETE SIDEWALK

8' TERRACE

6' CONCRETE SIDEWALK

SHRUB

EXISTING R/W

TLE

SLOPE INTERCEPT (TYP)

TRANSITION SIDEWALK WIDTH

FENCES TO REMAIN

0710-113-0908-8
SCHOENSTATT SISTERS OF MARY
5901 Cottage Grove Rd

0710-114-0106-6
SEMOVSKI, NEDZMI
& NERMIN SEMOVSKI
6102 Fredericksburg Ln

0710-114-0105-8
HILL, KATHRYN D
& GREGORY J CIESLEWICZ
6106 Fredericksburg Ln

0710-114-0102-4
DICKRELL, ALAN & JOAN
6110 Fredericksburg Ln

N

LEGEND

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)
	LANDMARK REFERENCE MONUMENT
MCM	MONOLITHIC CONCRETE MEDIAN (SEE DETAILS)

NOTES:

1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E

2

0710-111-2613-5
MREC VH MADISON LLC
6107 Kilpatrick Ln

do these need to be the new radius style DWF's?

MCLEAN DR

0710-111-0306-8
MREC VH MADISON LLC
6201 Kilpatrick Ln

0710-111-0308-4
KEMPFER, BENJAMIN R
TARA L KEMPFER
6205 Kilpatrick Ln

0710-111-2615-1
GRANDVIEW COMMONS
HOMEOWNERS ASSN INC
6045 Big Dipper Dr

MATCH LINE STA 99'EB'+00 & STA 33'WB'+50

MATCH LINE STA 105'EB'+00 & STA 39'WB'+50

EXISTING R/W
EXISTING SIDEWALK TO REMAIN
BS
5' BIKE LANE
10' TRAVEL LANE
11' TRAVEL LANE
BEGIN CONSTRUCTION
STA 31+18
SAWCUT REQUIRED
MATCH EXISTING
36+17.99 PI
37+38.37 PI
102+52.34 PI
34+00
35+00
36+00
37+00
38+00
39+00
100+00
101+00
102+00
103+00
104+00
105
COTTAGE GROVE RD WB R/L
COTTAGE GROVE RD EB R/L
24D
11' TURN LANE
7C
MED
4' BIKE LANE W/ 2' BUFFER
10' TRAVEL LANE
30D
8' TERRACE
5C
6' CONC SIDEWALK
18' TERRACE
FENCE TO REMAIN
SLOPE INTERCEPT (TYP)

0710-114-0101-6
FRANK, LARRY D
& SANDRA J FRANK
6118 Fredericksburg Ln

0710-114-0103-2
FREMGEN, MARK R
DIANE M FREMGEN
6122 Fredericksburg Ln

0710-114-0104-0
VEITH-TESSMANN, DEBRA SUE
6126 Fredericksburg Ln

0710-114-0201-4
KAPKOE, SHERAB T
NAMGANG DOLMA
6202 Fredericksburg Ln

0710-114-0202-2
ANDERSON, GARY L
& NICHOLE R WILTZIUS
6206 Fredericksburg Ln

LEGEND

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)

N

NOTES:

1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E

2

MATCH LINE STA 105'EB'+00 & STA 39'WB'+50

0710-111-0309-2
VEGA, NICOLAS & TANYA A
& IMELDA VEGA
6207 Kilpatrick Ln

0710-111-0310-9
FIX, DANIEL L
LEAH J FIX
6209 Kilpatrick Ln

0710-111-0311-7
FAIT, PATRICK
CHELSEA FAIT
6211 Kilpatrick Ln

0710-111-0312-5
MACKLEM, TODD
SARAH MACKLEM
6213 Kilpatrick Ln

0710-111-0313-3
DICKRELL, ALAN L
JOAN H DICKRELL
6215 Kilpatrick Ln

0710-111-0301-8
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6227 Kilpatrick Ln

MCLELLAN DR

EXISTING R/W

EXISTING SIDEWALK TO REMAIN

SLOPE INTERCEPT (TYP)

BS

2

4' BIKE LANE W/ 2' BUFFER

10' TRAVEL LANE

11' TRAVEL LANE

7C

5

MED

30D

41+24.62 PI

40+00 COTTAGE GROVE RD WB R/L 41+00 42+00 43+00 44+00 45+00

24D

11' TURN LANE

11' TRAVEL LANE

10' TRAVEL LANE

4' BIKE LANE W/ 2' BUFFER

106+81.91 PI

+00 106+00 107+00 108+00 COTTAGE GROVE RD EB R/L 109+00 110+00 111

30D

TERRACE WIDTH VARIES

5C

5' CONCRETE SIDEWALK

REMOVE & REINSTALL MAILBOX

EXISTING SIDEWALK TO REMAIN

EXISTING R/W

TLE (TYP)

PROPOSED ROW

ASPHALT DRIVEWAY

SLOPE INTERCEPT (TYP)

REMOVE CONC FLUME; PAY AS REMOVE CONC SIDEWALK

MATCH LINE STA 11'EB'1+00 & STA 45'WB'+50

xxxx xxxx xxxx

0710-111-0203-0
REPKA, RAQUEL A
BRIAN J BECKER
1 Fredericksburg Ct

0710-111-0204-8
FINGER, THOMAS J
& PAMELA A FINGER
5 Fredericksburg Ct

0710-111-0205-6
SEVERSIN, MICHAEL & LISA
9 Fredericksburg Ct

0710-114-1702-1
CHEN, YONG
& AMANDA LYNN CHEN
6221 Cottage Grove Rd

0710-114-1701-3
FIELDSTONE ESTATES LLC
1002 Severson Dr

SEVERSON DR

N

LEGEND

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)

NOTES:

1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

3. SIDEWALK CONSTRUCTED THROUGH DRIVEWAYS IS TO BE CONCRETE SIDEWALK 7-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E

2

MATCH LINE STA 111'EB'+00 & STA 45'WB'+50

MATCH LINE STA 117'EB'+00 & STA 51'WB'+50

DEC.

5C REPLACE EX. WALK

REMOVE CONC FLUME; PAY AS REMOVE CONC SIDEWALK

EXISTING SIDEWALK TO REMAIN

30X

2

0710-111-0201-0
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6319 Kilpatrick Ln

SLOPE INTERCEPT (TYP)

TLE (TYP)

EXISTING R/W

5' CONCRETE SIDEWALK

TERRACE VARIES

4' BIKE LANE & 2' BUFFER

10' TRAVEL LANE

11' TRAVEL LANE

47+51.82 PI

49+12.15 PI

COTTAGE GROVE RD WB R/L

46+00

47+00

48+00

49+00

50+00

51+00

24D

TURN LANE VARIES 11'-12'

7C

MED

5

10' TRAVEL LANE

COTTAGE GROVE RD EB R/L

112+00

113+00

114+00

115+00

116+00

117

116+79.17 PI

112+81.49 PI

30D

11' TRAVEL/TURN LANE

CONC.

9' TERRACE

5' CONCRETE SIDEWALK

4' BIKE LANE W/ 2' BUFFER

PROPOSED ROW

REMOVE & REINSTALL MAILBOX ADJACENT TO NEW CURB & DRIVEWAY

PED

ASPHALT DRIVEWAY

0710-111-9810-3
LYNCH, DANIEL J
3458 COUNTY HIGHWAY BB

5.5' TERRACE

30" DEC.

REMOVE BOULDERS; INCLUDED WITH EXCAVATION COMMON

REMOVE CONCRETE STEPS PAY AS REMOVE SIDEWALK

REMOVE FENCES

ASPHALT DRIVEWAY

0710-114-0780-5
FIRST WISCONSIN NATL BANK
3461 COUNTY HIGHWAY BB

BUILDING

0710-114-1801-1
MAYWICK ESTATES CDM ASSN
ATTN TED FRANK
1001 Severson Dr #CDM

0710-114-1804-5
FIELDSTONE ESTATES LLC
STE 101
6326 Maywick Dr

LEGEND

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)

N

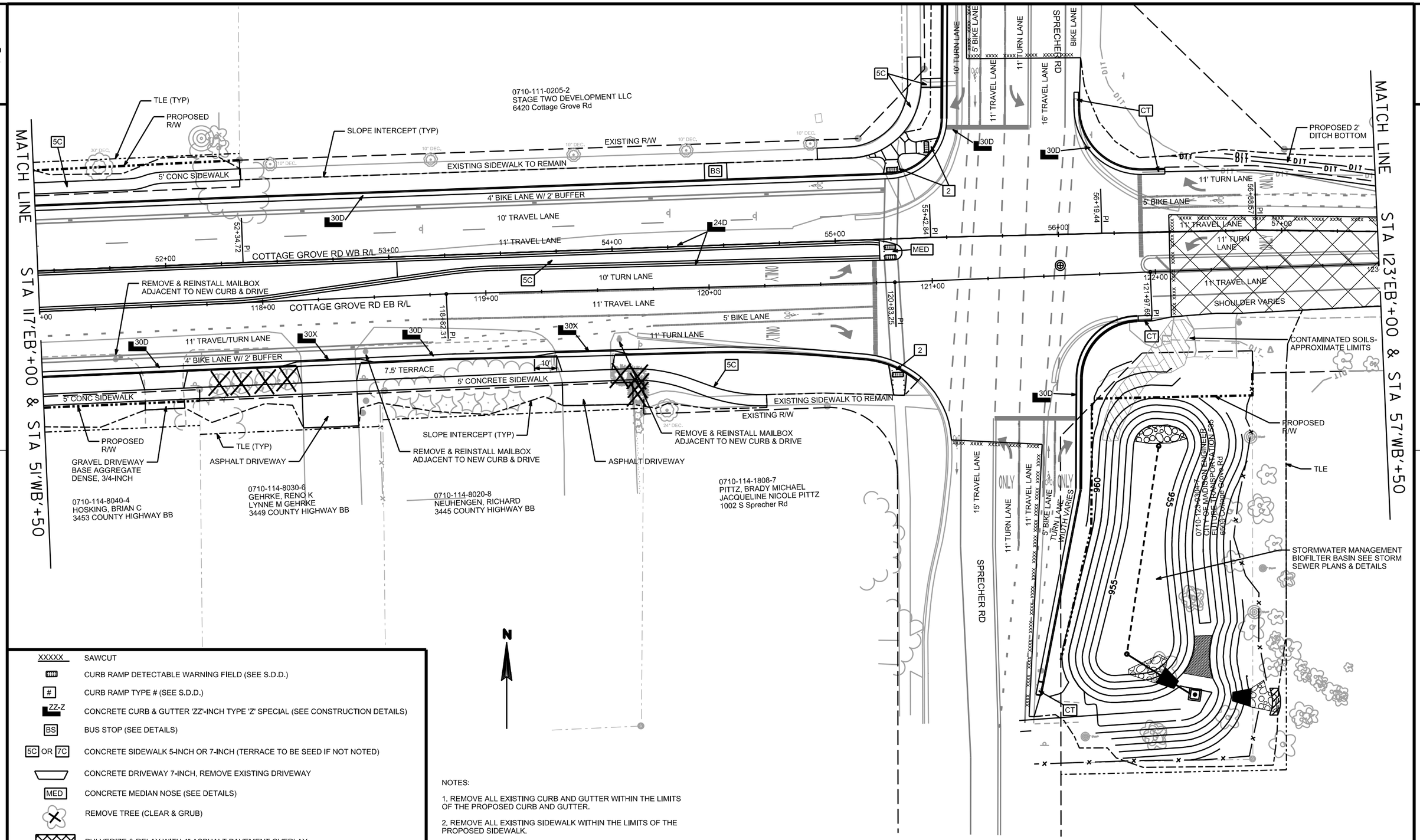
NOTES:

1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

3. SIDEWALK CONSTRUCTED THROUGH DRIVEWAYS IS TO BE CONCRETE SIDEWALK 7-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E



NOTES:

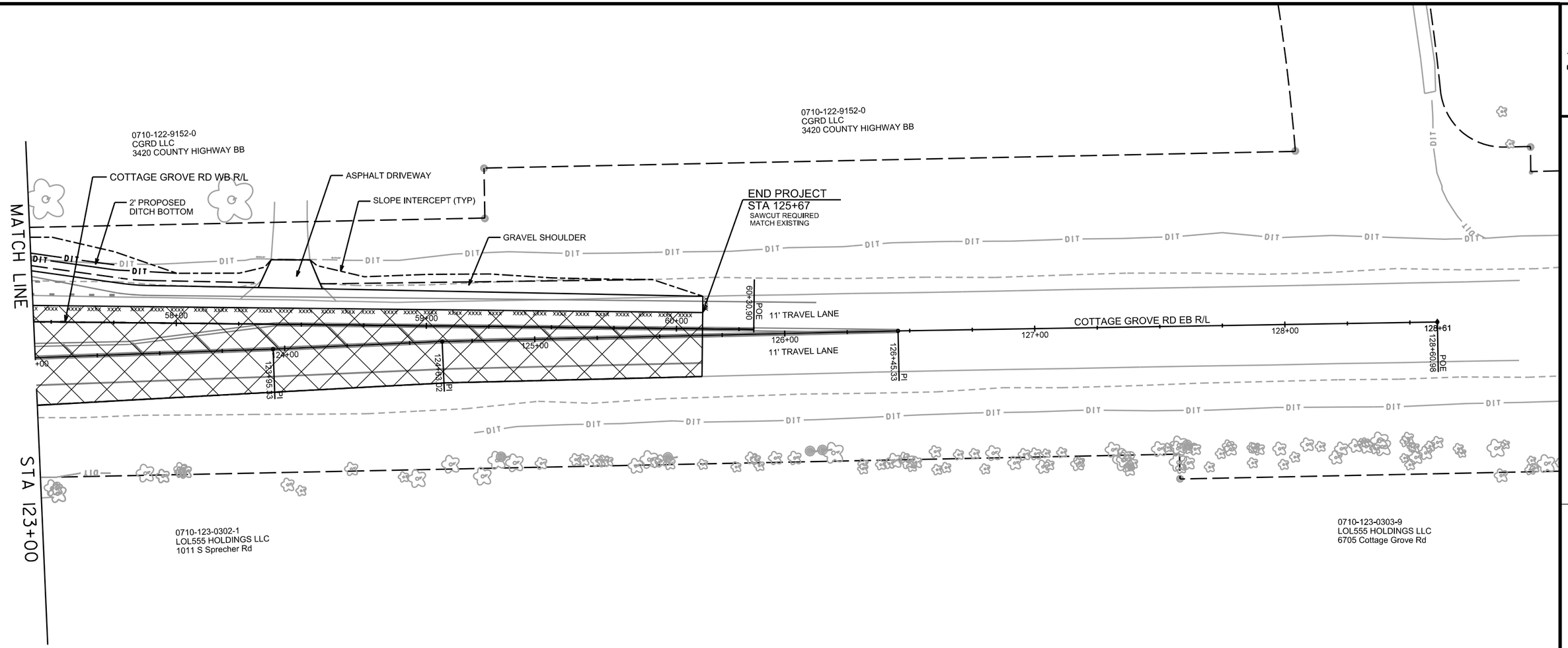
1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

3. CURB TRANSTIONS OVER 6' BETWEEN FULL CURB HEIGHT AND ADJACENT PAVEMENT EDGE ELEVATION. CURB TRANSITIONS ARE INCLUDED WITH THE CURB AND GUTTER ITEM.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE RD.	SHEET	E

2



XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)
	PULVERIZE & RELAY WITH 4" ASPHALT PAVEMENT OVERLAY

N

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E

2

2

EXISTING R/W
EXISTING SIDEWALK TO REMAIN
4' BIKE LANE W/ 2' BUFFER
10' TRAVEL LANE
11' TRAVEL LANE
10' TURN LANE
11' TRAVEL LANE
11' TURN LANE
5' BIKE LANE
EXISTING SIDEWALK TO REMAIN
EXISTING R/W
54+00
55+00
120+00
121+00
120+83.25 PI
55+42.84 PI
5C
BS
2
MED
SLOPE INTERCEPT (TYP)
EXISTING PLE
EXISTING SIDEWALK TO REMAIN
EXISTING R/W
30D
10' TURN LANE
5' BIKE LANE
11' TRAVEL LANE
STA 55+53.00, LT 113.03'
862.44, PI
STA 55+60.65, LT 186.54'
864.85, MATCH EX
11' TURN LANE
16' TRAVEL LANE
SPRECHER RD
BIKE LANE
SPRECHER RD
15' TRAVEL LANE
11' TURN LANE
11' TRAVEL LANE
5' BIKE LANE
TURN LANE WIDTH VARIES
CT
30D
TLE
PROPOSED R/W
56+00
56+19.44 PI
121+97.69 PI
122+00
CT
5' BIKE LANE
11' TRAVEL LANE
11' TURN LANE
SHOULDER VARIES
11' TRAVEL LANE
11' TURN LANE
56+86.57 PI
57+00
123+00
CT
DIT
BIT
N

XXXXX	SAWCUT
	CURB RAMP DETECTABLE WARNING FIELD (SEE S.D.D.)
#	CURB RAMP TYPE # (SEE S.D.D.)
ZZ-Z	CONCRETE CURB & GUTTER 'ZZ'-INCH TYPE 'Z' SPECIAL (SEE CONSTRUCTION DETAILS)
BS	BUS STOP (SEE DETAILS)
5C OR 7C	CONCRETE SIDEWALK 5-INCH OR 7-INCH (TERRACE TO BE SEED IF NOT NOTED)
	CONCRETE DRIVEWAY 7-INCH, REMOVE EXISTING DRIVEWAY
MED	CONCRETE MEDIAN NOSE (SEE DETAILS)
	REMOVE TREE (CLEAR & GRUB)
	PULVERIZE & RELAY WITH 4" ASPHALT PAVEMENT OVERLAY
CT	CURB TRANSTION (SEE NOTE 3)

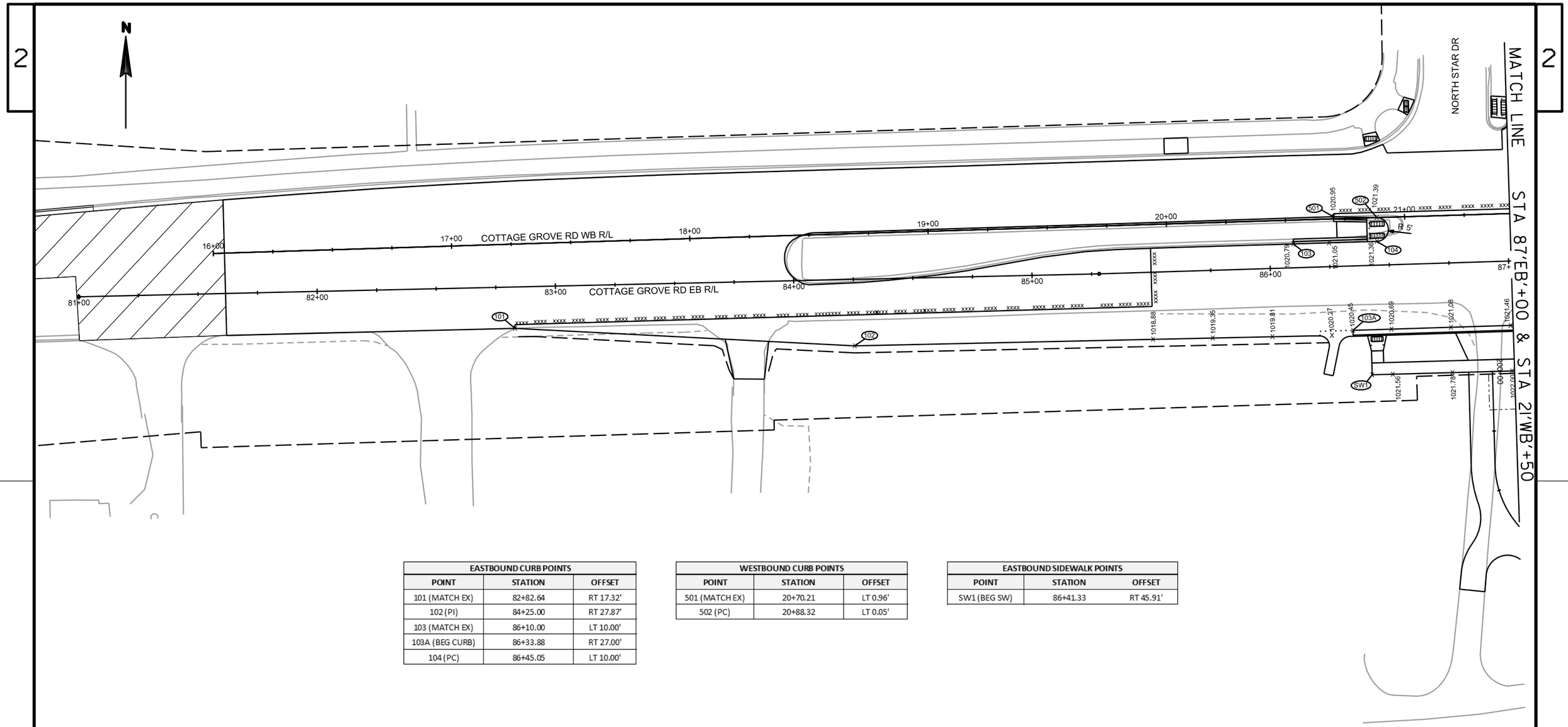
NOTES:

1. REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER.

2. REMOVE ALL EXISTING SIDEWALK WITHIN THE LIMITS OF THE PROPOSED SIDEWALK.

3. CURB TRANSTIONS OVER 6' BETWEEN FULL CURB HEIGHT AND ADJACENT PAVEMENT EDGE ELEVATION. CURB TRANSITIONS ARE INCLUDED WITH THE CURB AND GUTTER ITEM.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN DETAILS - COTTAGE GROVE RD.	SHEET	E

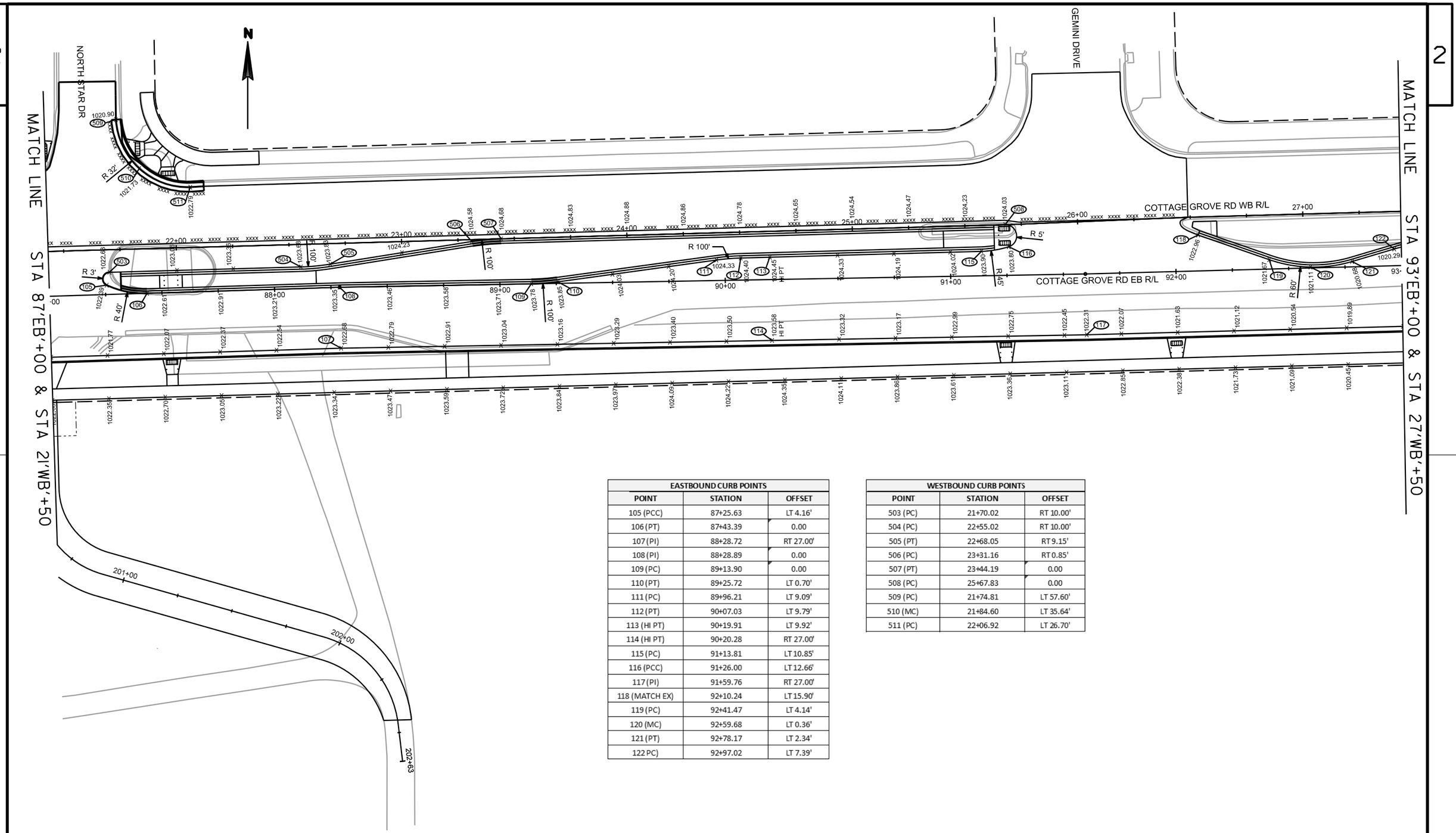


EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
101 (MATCH EX)	82+82.64	RT 17.32'
102 (PI)	84+25.00	RT 27.87'
103 (MATCH EX)	86+10.00	LT 10.00'
103A (BEG CURB)	86+33.88	RT 27.00'
104 (PC)	86+45.05	LT 10.00'

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
501 (MATCH EX)	20+70.21	LT 0.96'
502 (PC)	20+88.32	LT 0.05'

EASTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW1 (BEG SW)	86+41.33	RT 45.91'

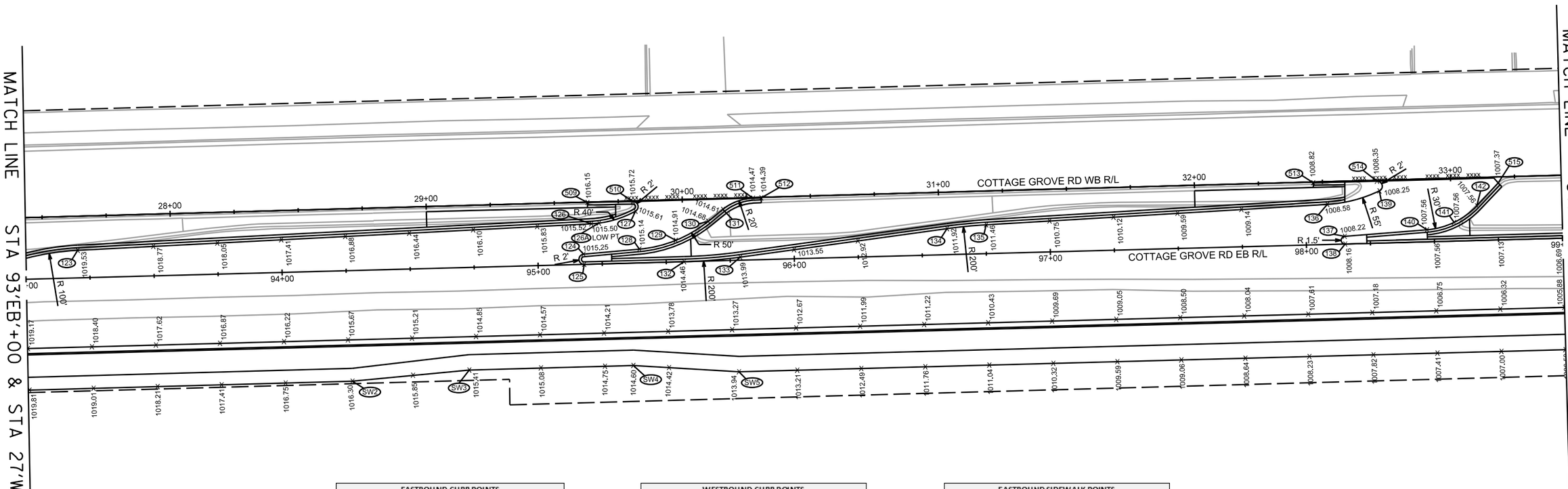
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E



EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
105 (PCC)	87+25.63	LT 4.16'
106 (PT)	87+43.39	0.00
107 (PI)	88+28.72	RT 27.00'
108 (PI)	88+28.89	0.00
109 (PC)	89+13.90	0.00
110 (PT)	89+25.72	LT 0.70'
111 (PC)	89+96.21	LT 9.09'
112 (PT)	90+07.03	LT 9.79'
113 (HI PT)	90+19.91	LT 9.92'
114 (HI PT)	90+20.28	RT 27.00'
115 (PC)	91+13.81	LT 10.85'
116 (PCC)	91+26.00	LT 12.66'
117 (PI)	91+59.76	RT 27.00'
118 (MATCH EX)	92+10.24	LT 15.90'
119 (PC)	92+41.47	LT 4.14'
120 (MC)	92+59.68	LT 0.36'
121 (PT)	92+78.17	LT 2.34'
122 PC)	92+97.02	LT 7.39'

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
503 (PC)	21+70.02	RT 10.00'
504 (PC)	22+55.02	RT 10.00'
505 (PT)	22+68.05	RT 9.15'
506 (PC)	23+31.16	RT 0.85'
507 (PT)	23+44.19	0.00
508 (PC)	25+67.83	0.00
509 (PC)	21+74.81	LT 57.60'
510 (MC)	21+84.60	LT 35.64'
511 (PC)	22+06.92	LT 26.70'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E

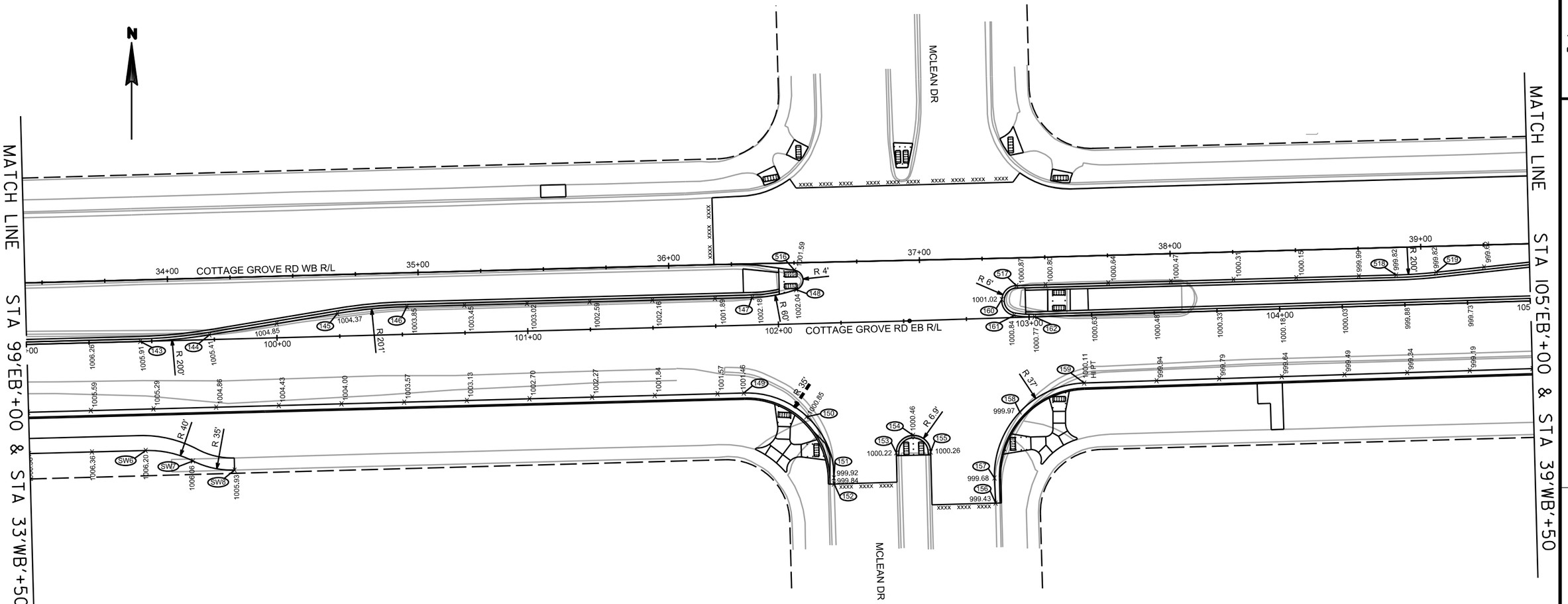


EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
123 (PT)	93+20.45	LT 10.78'
124 (PC)	95+17.83	LT 4.00'
125 (PC)	95+17.96	0.00
126 (PC)	95+21.16	LT 15.76'
126A (LO PT)	95+24.15	LT 15.93'
127 (PCC)	95+38.54	LT 20.22'
128 (PC)	95+39.66	LT 5.38'
129 (MC)	95+53.96	LT 8.44'
130 (PT)	95+66.78	LT 15.51'
131 (PC)	95+72.68	LT 20.00'
132 (PC)	95+56.95	0.00
133 (PT)	95+78.90	LT 1.21'
134 (PC)	96+59.90	LT 10.15'
135 (PT)	96+75.24	LT 11.25'
136 (PC)	98+08.55	LT 15.66'
137 (PC)	98+15.04	LT 3.00'
138 (PC)	98+15.12	0.00
139 (PCC)	98+29.03	LT 20.36'
140 (PC)	98+47.22	LT 4.73'
141 (MC)	98+57.87	LT 7.31'
142 (PT)	98+66.89	LT 13.54'

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
509 (MATCH EX)	29+62.97	RT 0.14'
510 (PC)	29+80.74	RT 0.28'
511 (PT)	30+27.62	RT 0.24'
512 (MATCH EX)	30+30.84	RT 0.20'
513 (MATCH EX)	32+46.39	RT 0.31'
514 (PC)	32+71.33	RT 0.39'
515 (MATCH EX)	33+18.58	RT 2.40'

EASTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW2 (PI)	94+26.30	RT 43.14'
SW3 (PI)	94+72.00	RT 40.00'
SW4(PI)	95+36.08	RT 39.94'
SW5 (PI)	95+77.25	RT 43.50'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E

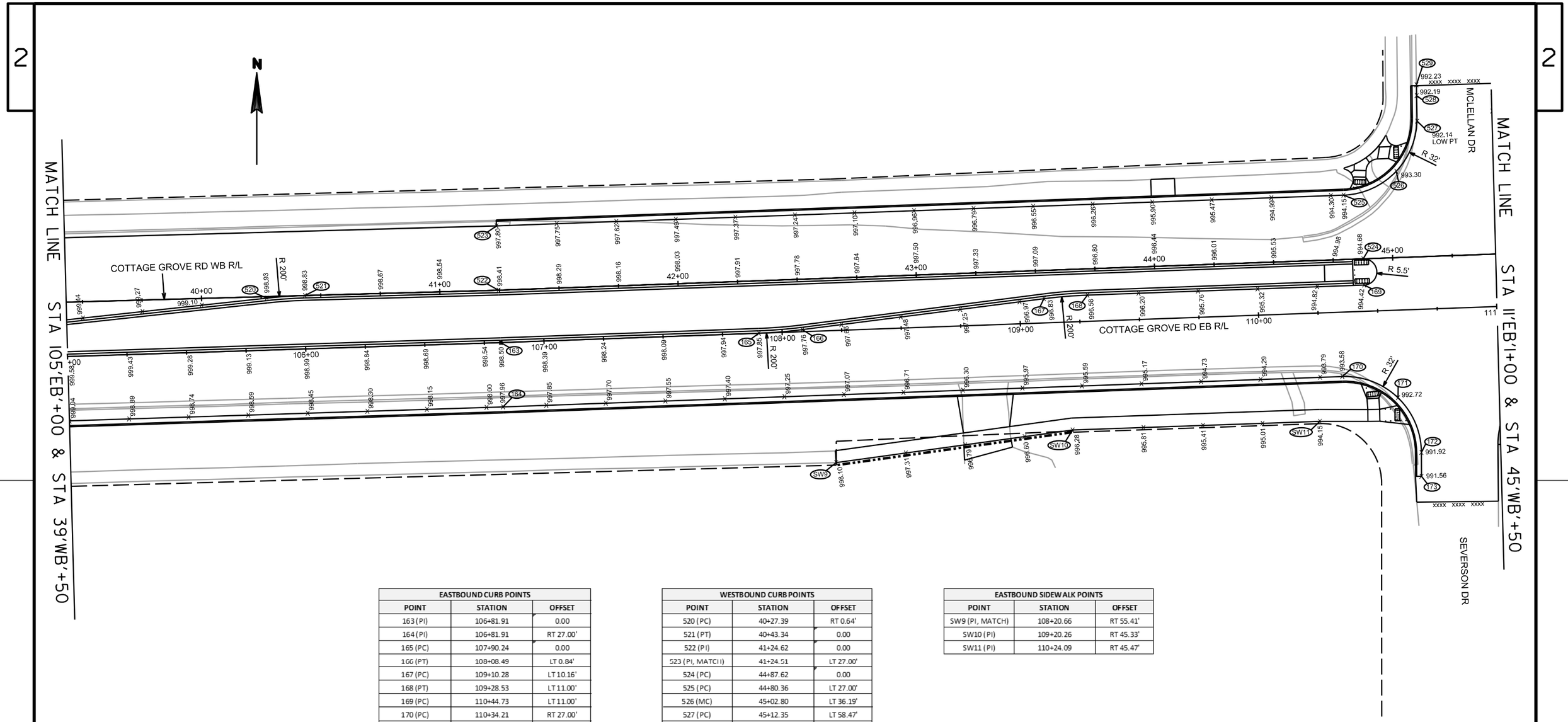


EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
143 (PC)	99+45.42	0.00
144 (PT)	99+73.07	LT 1.92'
145 (PC)	100+24.26	LT 9.07'
146 (PT)	100+52.06	LT 11.00'
147 (PC)	101+89.83	LT 11.00'
148 (PCC)	102+07.48	LT 13.66'
149 (PC)	101+85.49	RT 27.00'
150 (MC)	102+10.16	RT 37.17'
151 (PT)	102+20.49	RT 61.78'
152 (MATCH EX)	102+20.50	RT 64.20'
153 (PC)	102+45.64	RT 52.44'
154 (MC)	102+52.34	RT 45.60'
155 (PC)	102+59.07	RT 52.50'
156 (MATCH EX)	102+84.30	RT 73.69'
157 (PC)	102+84.16	RT 63.68'
158 (MC)	102+95.10	RT 37.73'
159 (PT)	103+21.16	RT 27.00'
160 (MC)	102+89.36	LT 7.32'
161 (PCC)	102+94.11	LT 0.82'
162 (PT)	103+02.19	0.00

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
516 (PC)	36+50.05	RT 2.94'
517 (PC)	37+38.37	RT 11.00'
518 (PC)	38+89.88	RT 11.00'
519 (PT)	39+05.83	RT 10.36'

EASTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW6 (PC)	99+46.41	RT 43.50'
SW7 (PRC)	99+65.18	RT 48.18'
SW8 (PT, MATCH)	99+81.66	RT 52.27'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E

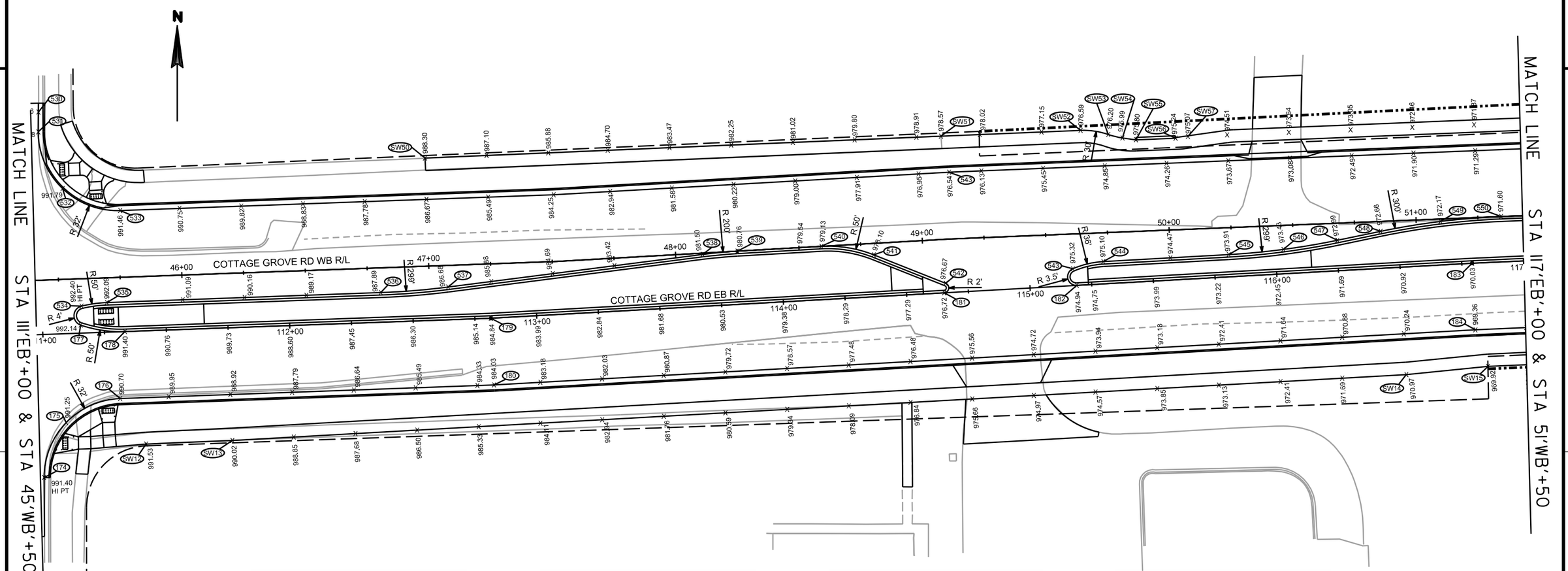


EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
163 (PI)	106+81.91	0.00
164 (PI)	106+81.91	RT 27.00'
165 (PC)	107+90.24	0.00
166 (PT)	108+08.49	LT 0.84'
167 (PC)	109+10.28	LT 10.16'
168 (PT)	109+28.53	LT 11.00'
169 (PC)	110+44.73	LT 11.00'
170 (PC)	110+34.21	RT 27.00'
171 (MC)	110+57.21	RT 36.75'
172 (PT)	110+66.19	RT 60.06'
173 (END CURB)	110+65.86	RT 70.05'
174 (PC, HI PT, MATCH EX)	110+98.40	RT 57.84'

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
520 (PC)	40+27.39	RT 0.64'
521 (PT)	40+43.34	0.00
522 (PI)	41+24.62	0.00
523 (PI, MATCH)	41+24.51	LT 27.00'
524 (PC)	44+87.62	0.00
525 (PC)	44+80.36	LT 27.00'
526 (MC)	45+02.80	LT 36.19'
527 (PC)	45+12.35	LT 58.47'
528 (LO PT)	45+12.50	LT 67.61'
529 (MATCH EX)	45+12.58	LT 71.76'

EASTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW9 (PI, MATCH)	108+20.66	RT 55.41'
SW10 (PI)	109+20.26	RT 45.33'
SW11 (PI)	110+24.09	RT 45.47'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E



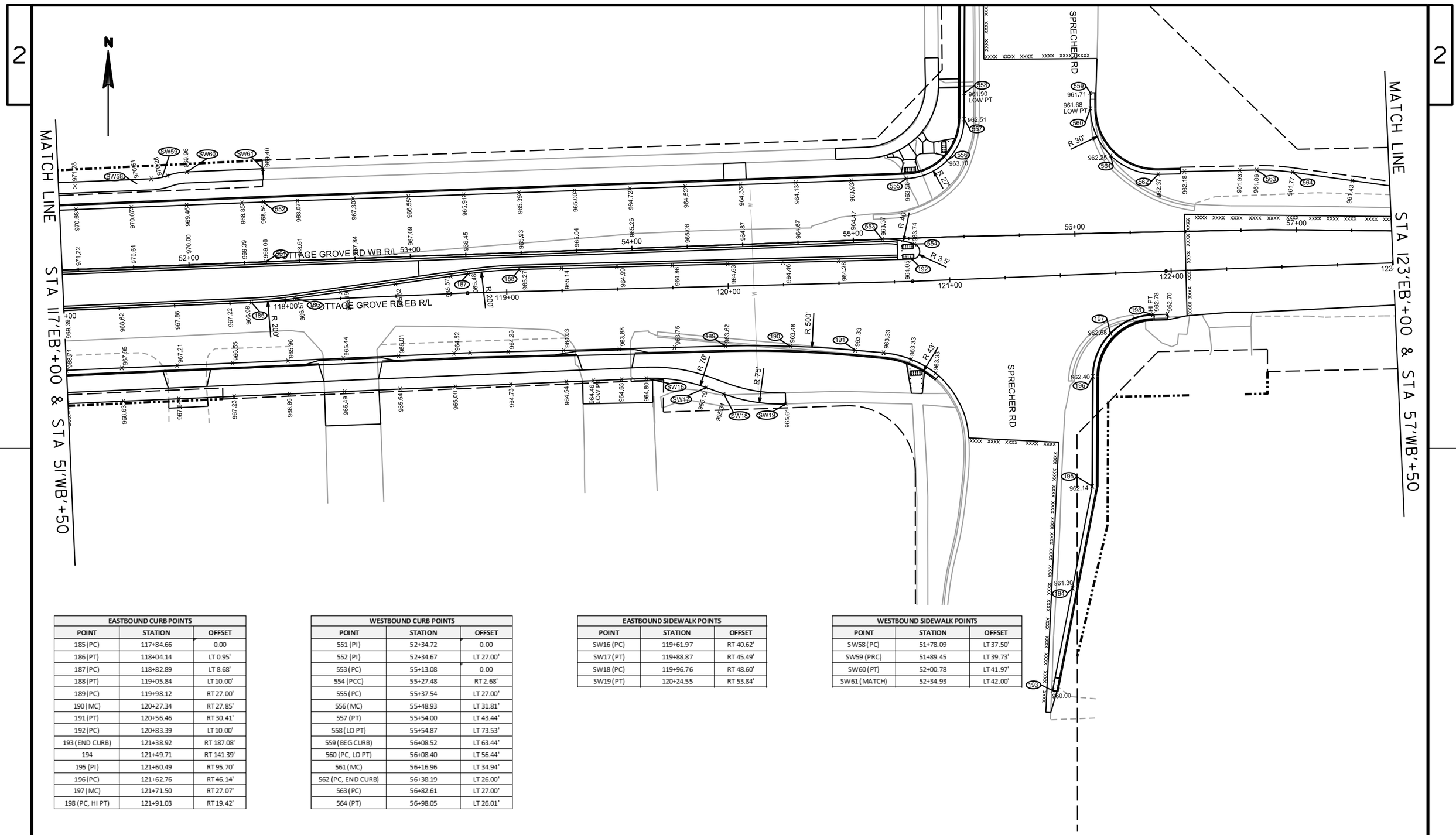
EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
175 (MC)	111+08.16	RT 35.97'
176 (PC)	111+30.38	RT 27.00'
177 (PCC)	111+15.46	LT 3.28'
178 (PT)	111+33.26	0.00
179 (PI)	112+81.49	0.00
180 (PI)	112+81.49	RT 27.00'
181 (PC)	114+65.17	0.00
182 (PC)	115+18.94	0.00
183 (PI)	116+79.17	0.00
184 (PI)	116+79.00	RT 27.00'

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
530 (MATCH EX)	45+44.37	LT 68.00'
531 (PC)	45+44.01	LT 59.97'
532 (MC)	45+53.03	LT 36.72'
533 (PT)	45+75.99	LT 27.00'
534 (PCC)	45+58.94	RT 11.07'
535 (PT)	45+69.25	RT 10.00'
536 (PC)	46+80.20	RT 10.00'
537 (PT)	47+07.50	RT 8.75'
538 (PC)	48+10.93	RT 0.50'
539 (PT)	48+25.05	0.00
540 (PC)	48+59.05	0.00
541 (PT)	48+80.07	RT 4.63'
542 (PC)	49+08.45	RT 17.78'
543 (PCC)	49+60.41	RT 14.08'
544 (PT)	49+72.81	RT 11.67'
545 (PC)	50+23.67	RT 10.90'
546 (MC)	50+45.83	RT 9.73'
547 (PT)	50+67.84	RT 6.93'
548 (PC)	50+85.48	RT 4.01'
549 (MC)	51+09.86	RT 1.01'
550 (PT)	51+34.40	0.00

EASTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW12 (PI)	111+40.15	RT 45.80'
SW13 (PI)	111+75.10	RT 45.62'
SW14 (PI)	116+50.08	RT 43.50'
SW15 (PI)	116+83.78	RT 42.00'

WESTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW50 (MATCH)	47+00.06	LT 43.74'
SW51 (PI)	49+09.95	LT 41.74'
SW52 (PC)	49+65.85	LT 41.75'
SW53 (PRC)	49+76.97	LT 39.62'
SW54 (PI)	49+82.65	LT 37.99'
SW55 (PI)	49+88.06	LT 37.00'
SW56 (PI)	50+04.12	LT 37.00'
SW57 (PI)	50+09.12	LT 37.50'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E



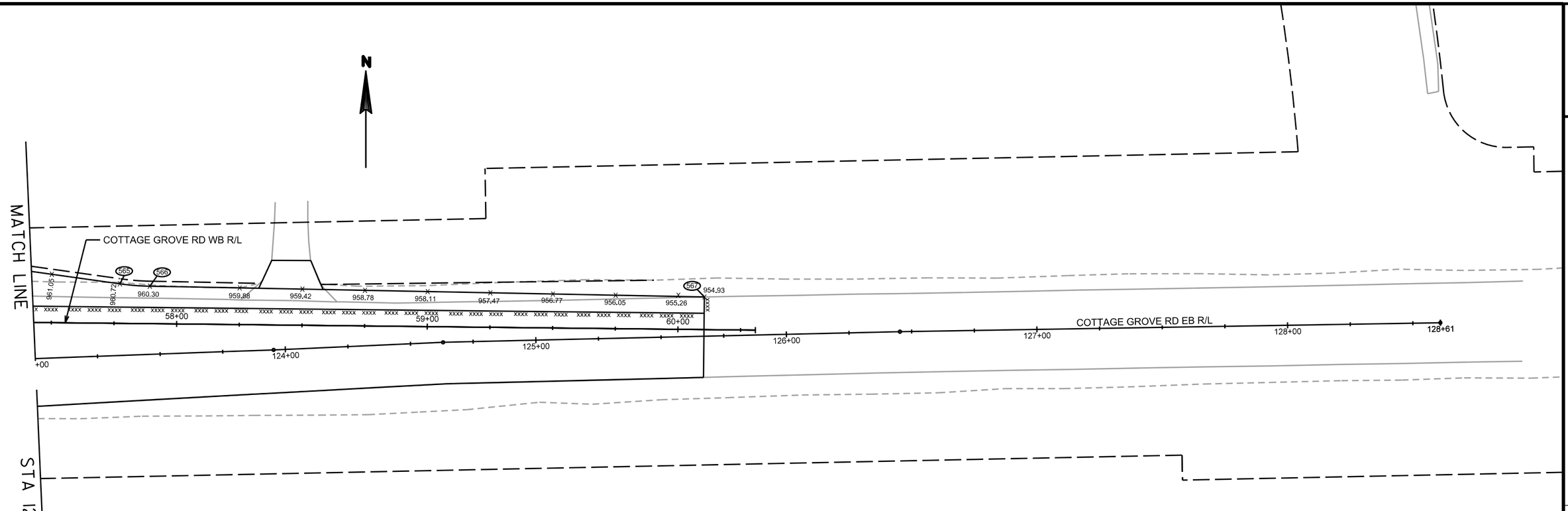
EASTBOUND CURB POINTS		
POINT	STATION	OFFSET
185 (PC)	117+84.66	0.00
186 (PT)	118+04.14	LT 0.95'
187 (PC)	118+82.89	LT 8.68'
188 (PT)	119+05.84	LT 10.00'
189 (PC)	119+98.12	RT 27.00'
190 (MC)	120+27.34	RT 27.85'
191 (PT)	120+56.46	RT 30.41'
192 (PC)	120+83.39	LT 10.00'
193 (END CURB)	121+38.92	RT 187.08'
194	121+49.71	RT 141.39'
195 (PI)	121+60.49	RT 95.70'
196 (PC)	121+62.76	RT 46.14'
197 (MC)	121+71.50	RT 27.07'
198 (PC, HI PT)	121+91.03	RT 19.42'

WESTBOUND CURB POINTS		
POINT	STATION	OFFSET
551 (PI)	52+34.72	0.00
552 (PI)	52+34.67	LT 27.00'
553 (PC)	55+13.08	0.00
554 (PCC)	55+27.48	RT 2.68'
555 (PC)	55+37.54	LT 27.00'
556 (MC)	55+48.93	LT 31.81'
557 (PT)	55+54.00	LT 43.44'
558 (LO PT)	55+54.87	LT 73.53'
559 (BEG CURB)	56+08.52	LT 63.44'
560 (PC, LO PT)	56+08.40	LT 56.44'
561 (MC)	56+16.96	LT 34.94'
562 (PC, END CURB)	56+38.10	LT 26.00'
563 (PC)	56+82.61	LT 27.00'
564 (PT)	56+98.05	LT 26.01'

EASTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW16 (PC)	119+61.97	RT 40.62'
SW17 (PT)	119+88.87	RT 45.49'
SW18 (PC)	119+96.76	RT 48.60'
SW19 (PT)	120+24.55	RT 53.84'

WESTBOUND SIDEWALK POINTS		
POINT	STATION	OFFSET
SW58 (PC)	51+78.09	LT 37.50'
SW59 (PRC)	51+89.45	LT 39.73'
SW60 (PT)	52+00.78	LT 41.97'
SW61 (MATCH)	52+34.93	LT 42.00'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	GRADES DETAILS - COTTAGE GROVE RD.	SHEET	E



WESTBOUND PAVEMENT POINTS		
POINT	STATION	OFFSET
565 (PC)	57+77.20	LT 15.77'
566 (PT)	57+89.15	LT 14.34'
567 (MATCH EX)	60+10.44	LT 13.00'

2

N

0710-112-0099-7
CITY OF MADISON POLICE
EAST DISTRICT STATION
809 S Thompson Dr

1+00 2+00 3+00 4+00 5+00 6+00

16-IN D.I. (1980)

COTTAGE GROVE RD

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

69+00 70+00 71+00 72+00 73+00 74+00

MATCH LINE STA 75+00

0710-113-0701-6
EULAINE V SCHRACK CDM UNT
OWNR ASSC % P NJOKANMA
1001 S Thompson Dr #CDM

0710-113-0703-2
SALERNO, JERRY & ANITA
106 Emma Ct

0710-113-0704-0
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
110 Emma Ct

0710-113-0705-8
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
114 Emma Ct

0710-113-0706-6
SCHROECKENTHALER, THOMAS
& JILL A SCHROECKENTHALER
118 Emma Ct

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

2

MATCH LINE

STA 75+00

N

7+00

8+00

9+00

10+00

11+00

12+00

76+00

77+00

78+00

79+00

80+00

81+00

90

ST

16"W

COTTAGE GROVE RD
OVERPASS BRIDGE

COTTAGE GROVE RD

INLET PROTECTION
TYPE C

24" DEC.

MATCH LINE

STA 81+00

2

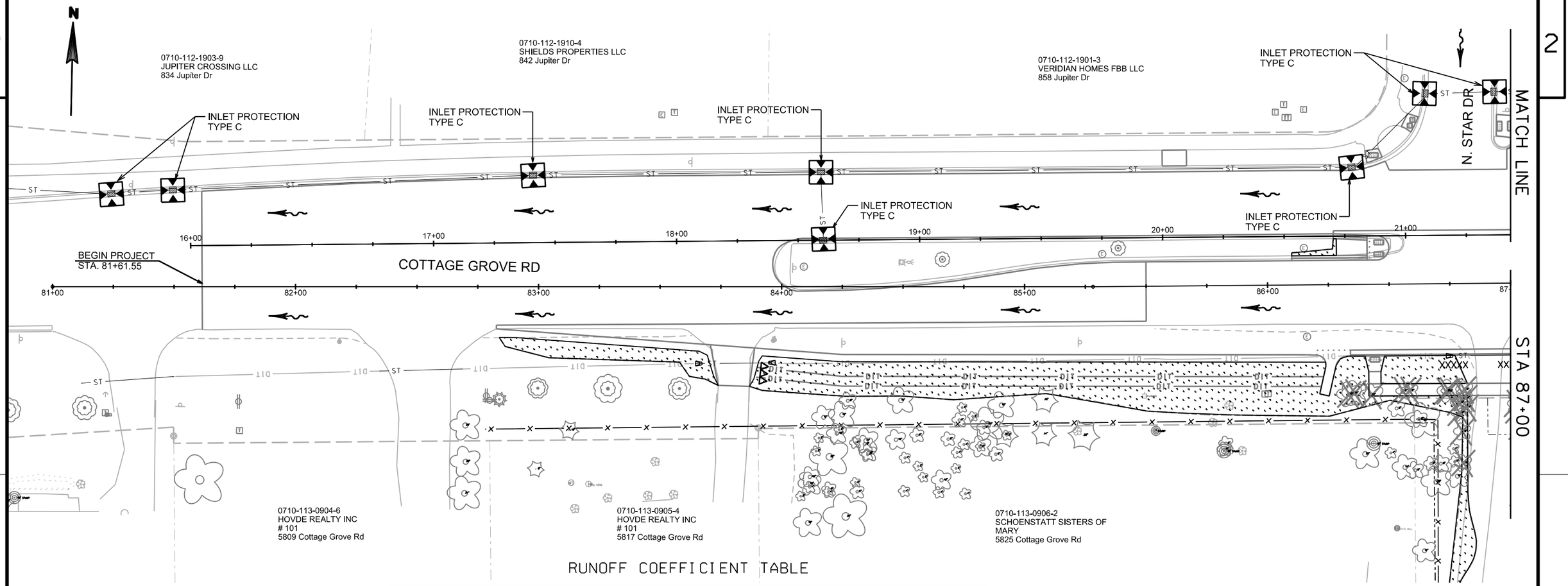
0710-113-0901-2
HOVDE REALTY INC
101
5781 Cottage Grove Rd

0710-113-0902-0
THOMPSON, ROB
GERALDINE L BRI
5785 Cottage Grov

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E



RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 13.51 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 9.63 ACRES

EROSION CONTROL GENERAL NOTES:

TOPSOIL GRADED AREAS IMMEDIATELY AFTER GRADING HAS BEEN COMPLETED AND PERFORM FINAL LANDSCAPING OF ALL TOPSOILED AREAS WITHIN 3 CALENDER DAYS AFTER PLACEMENT OF TOPSOIL.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

6" OF TERRACE SEEDING RESTORATION SHALL BE PERFORMED BEHIND REMOVED AND REPLACED CONCRETE SIDEWALK AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.

WATER SHALL BE USED FOR DUST CONTROL. SEE MISCELLANEOUS QUANTITIES SHEETS FOR QUANTITY.

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL SHEET	SHEET	E

2

N

INLET PROTECTION TYPE C

0710-112-2502-8
MREC VH MADISON INVESTORS LLC
6033 Gemini Dr

GEMINI DR

0710-111-2618-5
1200 SOUTH LLC
6034 Gemini Dr

INLET PROTECTION TYPE C

MATCH LINE

N. STAR DR

COTTAGE GROVE RD

INLET PROTECTION TYPE C

INLET PROTECTION TYPE D

MATCH LINE

22+00 23+00 24+00 25+00 26+00 27+00

88+00 89+00 90+00 91+00 92+00 93+00

INLET PROTECTION TYPE D

INLET PROTECTION TYPE C

STA 87+00

STA 93+00

0710-113-0908-8
SCHOENSTATT SISTERS OF MARY
5901 Cottage Grove Rd

SLOPE INTERCEPT (TYP.)

0710-113-0908-8
SCHOENSTATT SISTERS OF MARY
5901 Cottage Grove Rd

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

2

N

MATCH LINE

STA 93+00

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

COTTAGE GROVE RD

INLET PROTECTION TYPE C

28+00 29+00 30+00 31+00 32+00 33+00

94+00 95+00 96+00 97+00 98+00

INLET PROTECTION TYPE D

INLET PROTECTION TYPE C

ST 12" ST 12" ST 12" ST 12" ST

0710-113-0908-8
SCHOENSTATT SISTERS OF
MARY
5901 Cottage Grove Rd

¾" SOLID IRON
ROD FOUND

SLOPE INTERCEPT (TYP.)

0710-114-0106-6
SEMOVSKI, NEDZMI
& NERMIN SEMOVSKI
6102 Fredericksburg Ln

0710-114-0105-8
HILL, KATHRYN D
& GREGORY J CIESLEWICZ
6106 Fredericksburg Ln

0710-114-0102-4
DICKRELL, ALAN & JOAN
6110 Fredericksburg Ln

0710-114-0107-4
BLANKMAN, SCOTT A
& DENISE R DE MARB
6010 Fredericksburg Ln

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

MATCH LINE

STA 99+00

2

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Storm\Design\EC Plans\53W0472EC-PlanDetail5.dgn PLOT DATE : 7/1/2019 PLOT BY : enfbg PLOT NAME : PLOT SCALE : 39.9999 sf / in.

2

N

MATCH LINE

STA 99+00

STA 105+00

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

0710-111-2615-1
GRANDWIEW COMMONS
HOMEOWNERS ASSN INC
6045 Big Dipper Dr

0710-111-0306-8
MREC VH MADISON LLC
6201 Kilpatrick Ln

0710-111-0308-4
KEMPFER, BENJAMIN R
TARA L KEMPFER
6205 Kilpatrick Ln

MCLEAN DR

COTTAGE GROVE RD

COTTAGE GROVE RD

34+00 35+00 36+00 37+00 38+00 39+00

100+00 101+00 102+00 103+00 104+00 105

4" DEC.

6" DEC.

12" ST 15" ST

0710-114-0101-6
FRANK, LARRY D
& SANDRA J FRANK
6118 Fredericksburg Ln

SLOPE INTERCEPT (TYP.)

0710-114-0103-2
FREMGEN, MARK R
DIANE M FREMGEN
6122 Fredericksburg Ln

0710-114-0104-0
VEITH-TESSMANN, DEBRA SUE
6126 Fredericksburg Ln

0710-114-0201-4
KAPKOE, SHERAB T
NAMGANG DOLMA
6202 Fredericksburg Ln

0710-114-0202-2
ANDERSON, GARY L
& NICHOLE R WILTZIUS
6206 Fredericksburg Ln

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

2

N

0710-111-0309-2
VEGA, NICOLAS & TANYA A
& IMELDA VEGA
6207 Kilpatrick Ln

¾" SOLID IRON ROD FOUND

0710-111-0310-9
FIX, DANIEL L
LEAH J FIX
6209 Kilpatrick Ln

0710-111-0311-7
FAIT, PATRICK
CHELSEA FAIT
6211 Kilpatrick Ln

0710-111-0312-5
MACKLEM, TODD
SARAH MACKLEM
6213 Kilpatrick Ln

0710-111-0313-3
DICKRELL, ALAN L
JOAN H DICKRELL
6215 Kilpatrick Ln

0710-111-0301-8
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6227 Kilpatrick Ln

MCCLELLAN DR

MATCH LINE

MATCH LINE

INLET PROTECTION TYPE D

INLET PROTECTION TYPE C

INLET PROTECTION TYPE D

1 ¼" SOLID IRON ROD FOUND

INLET PROTECTION TYPE D

INLET PROTECTION TYPE A

40+00 41+00 42+00 43+00 44+00 45+00

+00 106+00 107+00 108+00 109+00 110+00 111

18" ST 18" ST 18" ST 18" ST 21" ST 21" ST 24"

COTTAGE GROVE RD

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

INLET PROTECTION TYPE C

INLET PROTECTION TYPE C

INLET PROTECTION TYPE A

STA 105+00

STA 111+00

SLOPE INTERCEPT (TYP.)

1 ¼" SOLID IRON ROD FOUND

0710-114-0203-0
REPKA, RAQUEL A
BRIAN J BECKER
1 Fredericksburg Ct

0710-114-0204-8
FINGER, THOMAS J
& PAMELA A FINGER
5 Fredericksburg Ct

0710-114-0205-6
SEVERSIN, MICHAEL & LISA
9 Fredericksburg Ct

0710-114-1702-1
CHEN, YONG
& AMANDA LYNN CHEN
6221 Cottage Grove Rd

0710-114-1701-3
FIELDSTONE
ESTATES LLC
1002 Severson Dr

SEVERSON DR

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

2

2

N

0710-111-0201-0
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6319 Kilpatrick Ln

INLET PROTECTION TYPE D

INLET PROTECTION TYPE C

MATCH LINE

MATCH LINE

STA 111+00

STA 117+00

COTTAGE GROVE RD

COTTAGE GROVE RD

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

46+00 47+00 48+00 49+00 50+00 51+00

112+00 113+00 114+00 115+00 116+00

SLOPE INTERCEPT (TYP.)

BUILDING

0710-114-1801-1
MAYWICK ESTATES CDM ASSN
ATTN TED FRANK
1001 Severson Dr #CDM

0710-114-1804-5
FIELDSTONE ESTATES LLC
STE 101
6326 Maywick Dr

0710-114-0780-5
FIRST WISCONSIN NATL BANK
3461 COUNTY HIGHWAY BB

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

2

N

0710-111-9810-3
LYNCH, DANIEL J
3458 COUNTY HIGHWAY BB

0710-111-0205-2
STAGE TWO DEVELOPMENT LLC
6420 Cottage Grove Rd

SPRECHER RD

INLET PROTECTION TYPE D

INLET PROTECTION TYPE A

INLET PROTECTION TYPE C

INLET PROTECTION TYPE D

INLET PROTECTION TYPE A

IRON PIN, PIPE, MARKER FOUND

MATCH LINE

COTTAGE GROVE RD

INLET PROTECTION TYPE D

INLET PROTECTION TYPE D

INLET PROTECTION TYPE C

52+00 53+00 54+00 55+00 56+00 57+00

118+00 119+00 120+00 121+00 122+00 123

30" ST

INLET PROTECTION TYPE D

INLET PROTECTION TYPE A

INLET PROTECTION TYPE C

STA 117+00

STA 123+00

SLOPE INTERCEPT (TYP.)

INLET PROTECTION TYPE A

0710-123-0304-7
CITY OF MADISON ENGINEER
FUTURE TRANSPORTATION 535
6503 Cottage Grove Rd

0710-114-1808-7
PITTZ, BRADY MICHAEL
JACQUELINE NICOLE PITTZ
1002 S Sprecher Rd

0710-114-8040-4
HOSKING, BRIAN C
3453 COUNTY HIGHWAY BB

0710-114-8030-6
GEHRKE, RENO K
LYNNE M GEHRKE
3449 COUNTY HIGHWAY BB

0710-114-8020-8
NEUHENGEN, RICHARD
3445 COUNTY HIGHWAY BB

SPRECHER RD

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Storm\Design\EC Plans\53W0472EC-PlanDetail9.dgn PLOT DATE : 7/2/2019 PLOT BY : enfbg PLOT NAME : PLOT SCALE : 39.9999 sf / in.

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE

STA 123+00

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

SLOPE INTERCEPT (TYP.)

58+00

59+00

60+00

124+00

125+00

126+00

127+00

128+00

128+61

COTTAGE GROVE RD

0710-123-0302-1
LOL555 HOLDINGS LLC
1011 S Sprecher Rd

0710-123-0303-9
LOL555 HOLDINGS LLC
6705 Cottage Grove Rd

LEGEND

- TERRACE SEEDING AND EROSION MATTING
- SLOPE INTERCEPT
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW
- TUBULAR SEDIMENT CONTROL
- ROCK BAGS

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE RD	COUNTY:DANE	EROSION CONTROL PLAN	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Storm\Design\EC Plans\53W0472EC-PlanDetail10.dgn PLOT DATE : 7/1/2019 PLOT BY : enfbg PLOT NAME : PLOT SCALE : 39.9999 sf / in.

WISDOT/CADDS SHEET 42

2

N

0710-112-1910-4
SHIELDS PROPERTIES LLC
842 Jupiter Dr

0710-112-1901-3
VERIDIAN HOMES FBB LLC
858 Jupiter Dr

EXISTING STORM SEWER TO REMAIN

EXISTING STORM SEWER TO REMAIN

EXISTING STORM SEWER TO REMAIN

EXISTING STORM SEWER TO REMAIN

COTTAGE GROVE RD

N. STAR DR

STA 87+72.03, LT 8.69'
INLETS 2X3-FT WITH INLET COVERS TYPE H
40.0

UTILITY TRENCH PATCH TYPE IV SPECIAL REQ'D
CONNECT TO EXISTING

6" PE GAS MAIN

6" PLASTIC GAS MAIN

GAS MAIN (ABANDONED)

PROPOSED WATER MAIN (SEE WATER PLANS)

EXISTING STORM CULVERT TO REMAIN

EXISTING STORM CULVERT TO REMAIN

PROPOSED WATER MAIN (SEE WATER PLANS)

STA 87+71.78, LT 1.00'
INLETS 2X3-FT WITH INLET COVERS TYPE H
40.1

MATCHLINE STA 88+00.00

0710-113-0904-6
HOVDE REALTY INC
101
5809 Cottage Grove Rd

0710-113-0905-4
HOVDE REALTY INC
101
5817 Cottage Grove Rd

0710-113-0906-2
SCHOENSTATT SISTERS OF MARY
5825 Cottage Grove Rd

0710-113-0908-8
SCHOENSTATT SISTERS OF MARY
5901 Cottage Grove Rd

STA 87+70.85, RT 28.50'
INLETS 2X3-FT WITH INLET COVERS TYPE H
40.2

SEWER FLOW DIRECTION
XXXXX REMOVING STORM SEWER
REMOVING INLETS/MANHOLES

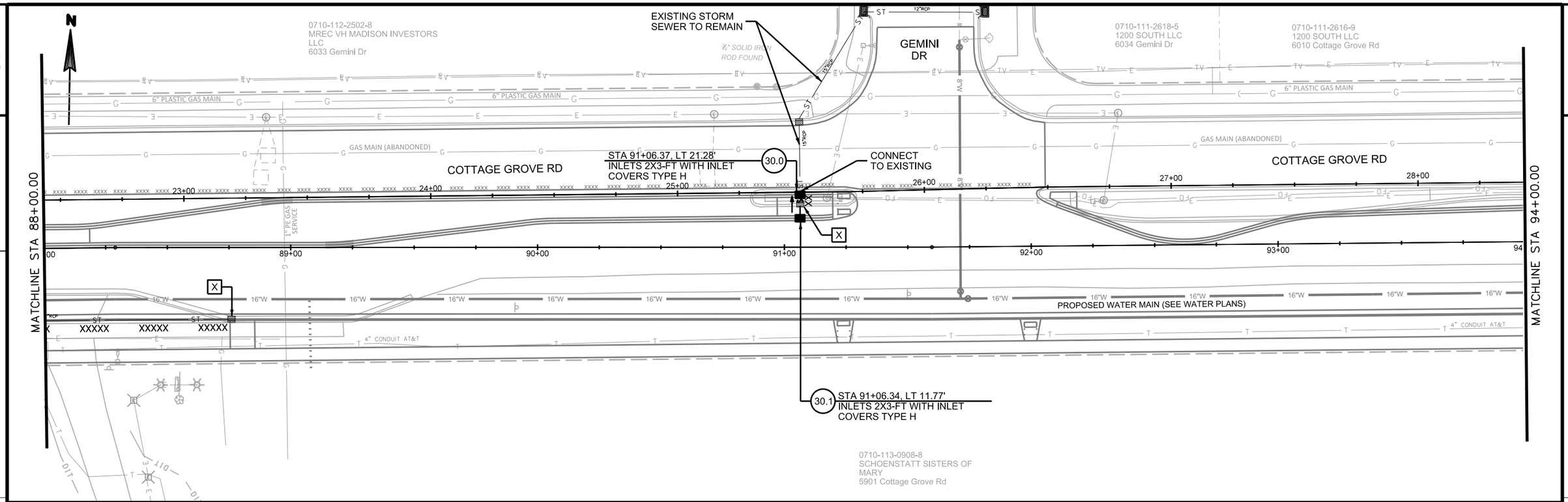
PROPOSED GROUND
EXISTING GROUND
TOP OF BEDROCK AT 1019.91
40.2
1022.70 TOC
1019.45(N)

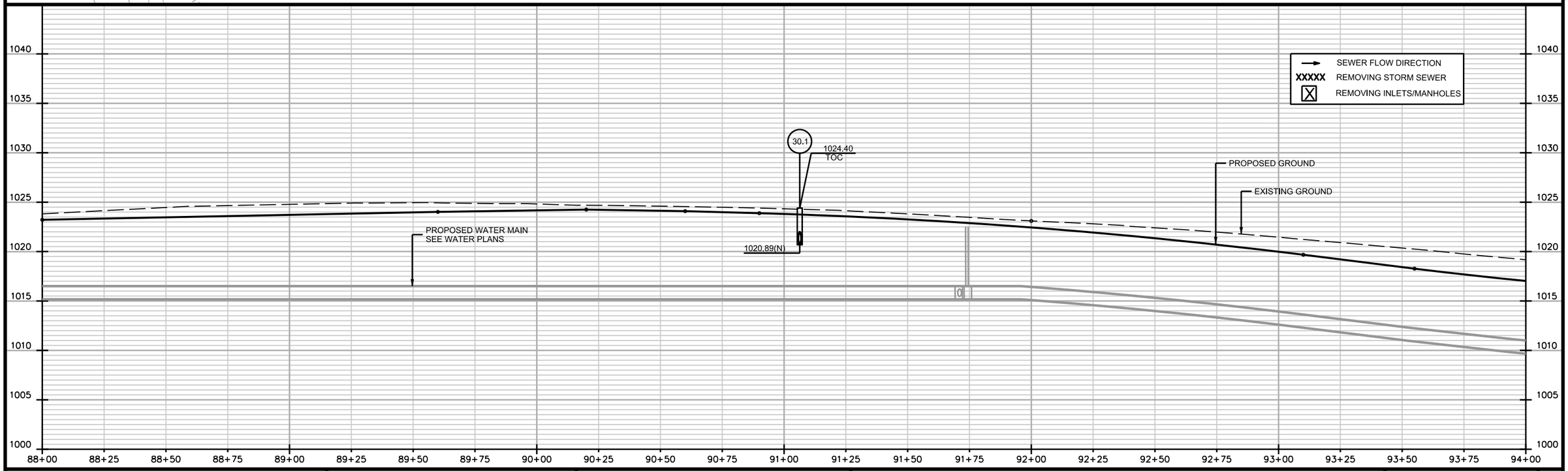
PROPOSED WATER MAIN SEE WATER PLANS

do you have rock excavation for utilities?

Can you plot the location of soil borings on the storm/ water profiles?

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E





PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E

2

N

MATCHLINE STA 94+00.00

MATCHLINE STA 100+00.00

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

EX 5.0 STA 95+25.55, LT 22.99'
ADJUSTING INLET COVERS

EXISTING STORM SEWER TO REMAIN

CONNECT TO EXISTING

18.0 STA 95+55.00, LT 1.00'
INLETS 2X3-FT WITH INLET COVERS TYPE H

COTTAGE GROVE RD

STA 95+21.20, LT 16.75'
INLETS 2X3-FT WITH INLET COVERS TYPE H-S
20.0

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

STA 97+99.81, LT 16.38'
ADJUSTING INLET COVERS
EX 4.1

EXISTING STORM SEWER TO REMAIN

EXISTING STORM SEWER TO REMAIN

EX 4.0 STA 98+12.91, LT 23.44'
ADJUSTING INLET COVERS

EXISTING STORM SEWER TO REMAIN

EXISTING STORM SEWER TO REMAIN

0710-111-2615-1
GRANDVIEW COMMONS
HOMEOWNERS ASSN INC
6045 Big Dipper Dr

STA 99+64.38, RT 5.50'
MANHOLES 3X3-FT WITH MANHOLE COVERS TYPE J SPECIAL REQ'D
16.0

PROPOSED WATER MAIN (SEE WATER PLANS)

12-IN D.I. (1993)

STA 98+55.00, LT 1.00'
INLETS 2X3-FT WITH INLET COVERS TYPE H
17.0

STA 99+63.25, RT 28.50'
INLETS 2X3-FT WITH INLET COVERS TYPE H
16.1

19.0 STA 95+41.40, RT 28.50'
INLETS 2X3-FT WITH INLET COVERS TYPE H

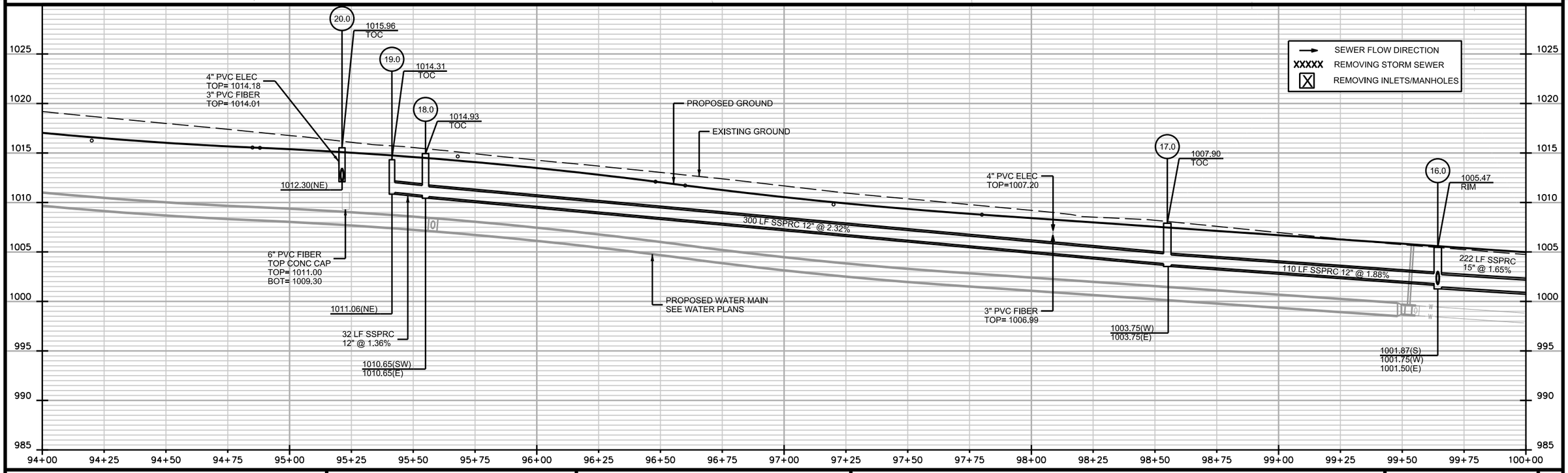
0710-113-0908-8
SCHOENSTATT SISTERS OF MARY
5901 Cottage Grove Rd

0710-114-0106-6
SEMOVSKI, NEDZMI
& NERMIN SEMOVSKI
6102 Fredericksburg Ln

0710-114-0105-8
HILL, KATHRYN D
& GREGORY J CIESLEWICZ
6106 Fredericksburg Ln

0710-114-0102-4
DICKRELL, ALAN & JOAN
6110 Fredericksburg Ln

0710-114-0101-6
FRANK, LARRY D
& SANDRA J FRANK
6118 Fredericksburg Ln



PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E

2

N

EXISTING STORM SEWER TO REMAIN

0710-111-2615-1
GRANDWIEW COMMONS HOMEOWNERS ASSN INC
6045 Big Dipper Dr

0710-111-0306-8
MREC VH MADISON LLC
6201 Kilpatrick Ln

0710-111-0308-4
KEMPFER, BENJAMIN R
TARA L KEMPFER
6205 Kilpatrick Ln

0710-111-0309-2
VEGA, NICOLAS & TANYA A
& IMELDA VEGA
6207 Kilpatrick Ln

0710-111-0310-9
FIX, DANIEL L
LEAH J FIX
6209 Kilpatrick Ln

McCLEAN DR

1 ½" SOLID IRON ROD FOUND

¾" SOLID IRON ROD FOUND

AT&T

MG&E

6" PLASTIC GAS MAIN

MG&E (GAS)

GAS MAIN (ABANDONED)

EXISTING STORM SEWER TO REMAIN

STA 101+85.97, CL
MANHOLES 3X3-FT WITH MANHOLE COVERS TYPE J SPECIAL REQ'D
15.0

STA 104+88.78, LT 1.00'
MANHOLES 3X3-FT WITH INLET COVERS TYPE H
14.0

EX 3.0 STA 101+98.39, LT 12.69'
ADJUSTING INLET COVERS

12-IN D.I. (2001)

24-IN CASING

4" DEC.

6" DEC.

MATCHLINE STA 100+00.00

MATCHLINE STA 106+00.00

COTTAGE GROVE RD

12-IN D.I. (1993)

STA 101+84.47, RT 28.50'
INLETS 2X3-FT WITH INLET COVERS TYPE H
15.1

STA 104+88.90, RT 28.50'
INLETS 2X3-FT WITH INLET COVERS TYPE H
14.1

STA 102+28.23, RT 43.77'
EX 3.1
ADJUSTING MANHOLE COVERS

EXISTING STORM SEWER TO REMAIN

0710-114-0103-2
FREMGEN, MARK R
DIANE M FREMGEN
6122 Fredericksburg Ln

0710-114-0104-0
VEITH-TESSMANN, DEBRA SUE
6126 Fredericksburg Ln

0710-114-0201-4
KAPKOE, SHERAB T
NAMGANG DOLMA
6202 Fredericksburg Ln

0710-114-0202-2
ANDERSON, GARY L
& NICHOLE R WILTZIUS
6206 Fredericksburg Ln

0710-114-0203-0
REPKA, RAQUEL A
BRIAN J BECKER
1 Fredericksburg Ct

SEWER FLOW DIRECTION
XXXXX REMOVING STORM SEWER
REMOVING INLETS/MANHOLES

1020
1015
1010
1005
1000
995
990
985
980

15.0
1002.00
RIM

14.0
1000.09
TOC

PROPOSED GROUND
EXISTING GROUND

222 LF SSPRC 15" @ 1.65%

301 LF SSPRC 15" @ 0.97%

298 LF SSPRC 18" @ 0.60%

EXISTING WATER MAIN

998.40(S)
997.90(W)
997.90(E)

995.85(S)
995.00(W)
995.00(E)

4" PL GAS
TOP= 995.00 APPROX. @ CROSSING WITH PROPOSED STORM

24" STEEL WATER
TOP=991.29

100+00 100+25 100+50 100+75 101+00 101+25 101+50 101+75 102+00 102+25 102+50 102+75 103+00 103+25 103+50 103+75 104+00 104+25 104+50 104+75 105+00 105+25 105+50 105+75 106+00

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Storm\Design\Storm Sewer Plans\53W0472STM-PnP**6.dgn PLOT DATE : 7/9/2019 PLOT BY : enfbg PLOT NAME : PLOT SCALE : 39.9999 sf / in.

2

N

MATCHLINE STA 106+00.00

MATCHLINE STA 112+00.00

0710-111-0311-7
FAIT, PATRICK
CHELSEA FAIT
6211 Kilpatrick Ln

0710-111-0312-5
MACKLEM, TODD
SARAH MACKLEM
6213 Kilpatrick Ln

0710-111-0313-3
DICKRELL, ALAN L
JOAN H DICKRELL
6215 Kilpatrick Ln

0710-111-0310-9
FIX, DANIEL L
LEAH J FIX
6209 Kilpatrick Ln

0710-111-0301-8
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6227 Kilpatrick Ln

STA 107+88.78, LT 21.00'
INLETS 2X3-FT WITH INLET
COVERS TYPE H
13.1

STA 107+81.94, LT 50.50'
INLETS 2X3-FT WITH INLET
COVERS TYPE H
13.2

STA 107+88.64, LT 1.00'
MANHOLES 3X3-FT WITH INLET
COVERS TYPE H
13.0

STA 108+54.92, LT 6.09'
MANHOLES 3X3-FT WITH INLET
COVERS TYPE H
12.0

STA 108+51.77, RT 28.50'
INLETS 2X3-FT WITH INLET
COVERS TYPE H
12.1

STA 110+68.23, LT 90.50'
INLETS 2X3-FT WITH INLET
COVERS TYPE H-S
10.3

STA 110+20.50, LT 50.50'
INLETS 2X3-FT WITH INLET
COVERS TYPE H
11.2

STA 110+20.70, LT 21.00'
INLETS 2X3-FT WITH INLET
COVERS TYPE H
11.1

STA 110+23.54, LT 12.00'
MANHOLES 3X3-FT WITH INLET
COVERS TYPE H
11.0

STA 110+23.54, RT 28.50'
INLETS 2X3-FT WITH INLET
COVERS TYPE H
11.3

CONNECT
TO EXISTING
10.2

STA 111+02.93, LT 91.21'
MANHOLES 3X3-FT WITH INLET
COVERS TYPE H

STA 111+04.74, LT 56.30'
MANHOLES 3X3-FT WITH
MANHOLE COVERS TYPE J
SPECIAL REQ'D
10.1

STA 111+46.29, LT 1.00'
MANHOLES 6X6-FT WITH INLET
COVERS TYPE H
10.0

McCLELLAN
DR

SEVERSON
DR

COTTAGE GROVE RD

0710-114-0204-8
FINGER, THOMAS J
& PAMELA A FINGER
5 Fredericksburg Ct

0710-114-0205-6
SEVERSIN, MICHAEL & LISA
9 Fredericksburg Ct

0710-114-1702-1
CHEN, YONG
& AMANDA LYNN CHEN
6221 Cottage Grove Rd

0710-114-1701-3
FIELDSTONE
ESTATES LLC
1002 Severson Dr

0710-114-1801-1
MAYWICK ESTATES CDM ASSN
ATTN TED FRANK
1001 Severson Dr #CDM

SEWER FLOW DIRECTION
XXXXX REMOVING STORM SEWER
REMOVING INLETS/MANHOLES

PROPOSED GROUND
EXISTING GROUND
EXISTING WATER MAIN

298 LF SSPRC 18" @ 0.60%
66 LF SSPRC 21" @ 0.75%
169 LF SSPRC 21" @ 1.55%
123 LF SSPRC 24" @ 3.19%
301 LF SSPRC 27" @ 4.87%

13.0 998.29 TOC
994.10(N)
993.22(W)
993.22(E)

12.0 997.87 TOC
993.57(S)
992.74(W)
992.74(E)

11.0 995.29 TOC
991.44(N)
990.67(S)
990.17(W)
990.17(E)

10.0 991.34 TOC
986.39(W)
986.69(NW)
985.90(E)

6" PVC ELEC
TOP=994.35

2" TEL CABLE
TOP=994.15

12" WATER
TOP= 991.63

6" ELEC
TOP= 992.94

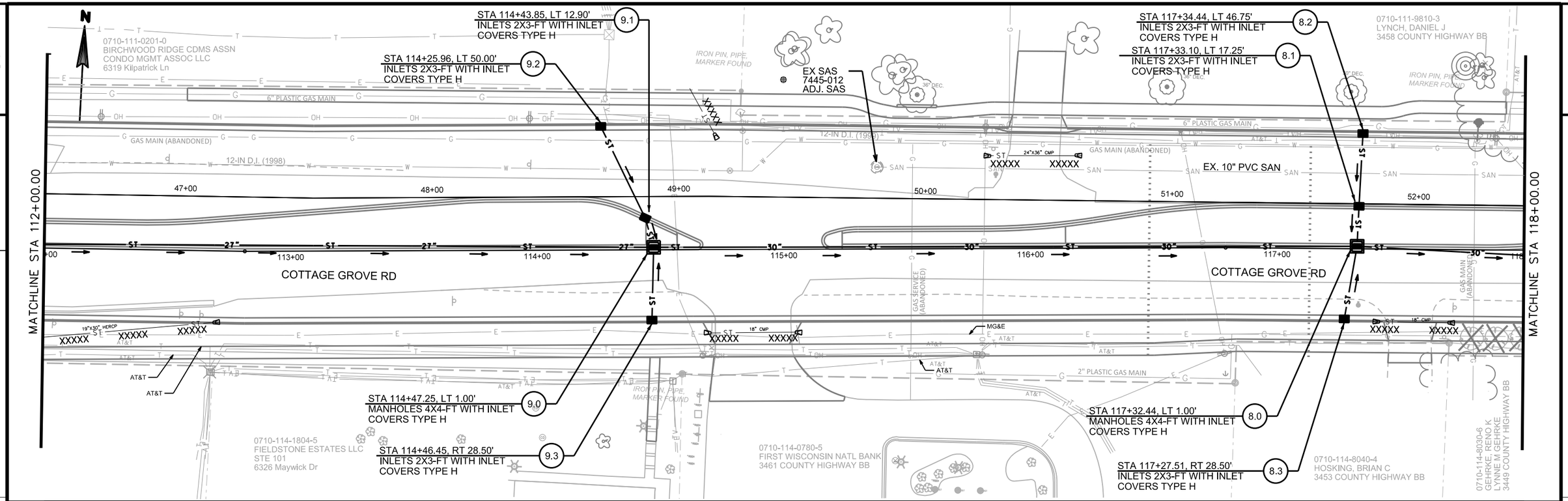
1" STEEL GAS
ABANDONED
TOP= 991.81

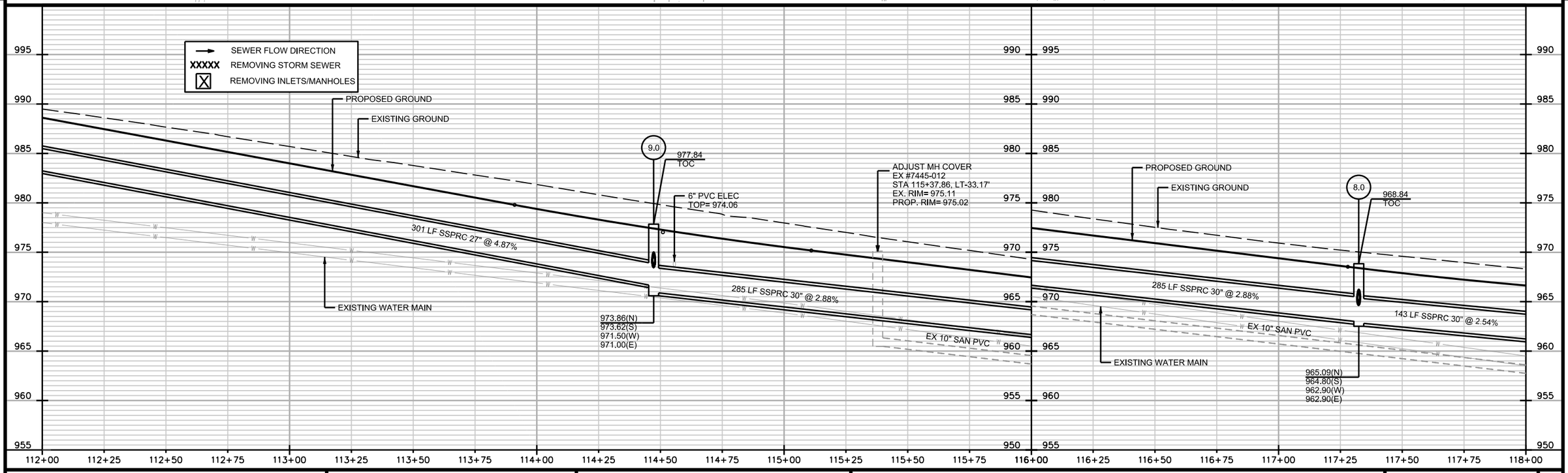
8" WATER
TOP= 984.47

12" WATER
TOP= 981.42

PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Storm\Design\Storm Sewer Plans\53W0472STM-PnP**7.dgn
PLOT DATE : 7/9/2019
PLOT BY : enfbg
PLOT NAME :
PLOT SCALE : 39.9999 sf / in.





PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E

2

N

MATCHLINE STA 118+00.00

STA 118+74.95, RT 5.45'
MANHOLES 4X4-FT WITH MANHOLE COVERS TYPE J SPECIAL REQ'D
7.0

STA 120+68.61, LT 11.00'
MANHOLES 5X5-FT WITH INLET COVERS TYPE H
5.0

STA 120+68.07, LT 18.30'
INLETS 2X3-FT WITH INLET COVERS TYPE H
5.1

STA 120+76.37, LT 47.87'
INLETS 2X3-FT WITH INLET COVERS TYPE H
5.2

STA 121+08.39, LT 84.05'
INLETS 2X3-FT WITH INLET COVERS TYPE H-S
4.1

EXISTING STORM SEWER TO REMAIN

STA 120+42.91, RT 6.00'
MANHOLES 4X4-FT WITH MANHOLE COVERS TYPE J SPECIAL REQ'D
6.0

STA 120+65.86, RT 33.00'
ADJUSTING INLET COVERS
EX 2.1
EXISTING STORM SEWER TO REMAIN

STA 121+03.93, RT 30.29'
ADJUSTING MANHOLE COVERS
EX 2.0

EX 1.1 STA 121+14.51, LT 92.85'
RECONSTRUCTING MANHOLE WITH MANHOLE COVERS TYPE J SPECIAL REQ'D

4.0 STA 121+24.95, LT 65.22'
MANHOLES 5X5-FT WITH MANHOLE COVERS TYPE J SPECIAL REQ'D

3.1 STA 121+68.04, LT 74.72'
INLETS 2X3-FT WITH INLET COVERS TYPE H-S

3.0 STA 121+60.92, LT 64.00'
MANHOLES 5X5-FT WITH MANHOLE COVERS TYPE J SPECIAL REQ'D

2.0 STA 121+97.45, LT 45.25'
MANHOLES 5X5-FT WITH INLET COVERS TYPE H

1.0 STA 121+98.85, RT 68.76'
APRON ENDWALL 36" RCP WITH 36" APRON ENDWALL GATE

EX.SAS #7445-011 ADJ.RIM

EX.SAS #7445-010 ADJ.RIM

EX.SAS #7445-018 ADJ.RIM

EX.SAS #7446-010 ADJ.RIM

EX.SAS #7545-005 ADJ.RIM

EX.8" PVC SAN

EX.10" PVC SAN

6" PLASTIC GAS MAIN

GAS MAIN (ABANDONED)

12-IN D.I. (1999)

2" FIBER

COTTAGE GROVE RD

SPRECHER ROAD

ULO

Is there a storm sewer/ traffic signal conflict here?

0710-111-0205-2
STAGE TWO DEVELOPMENT LLC
6420 Cottage Grove Rd

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

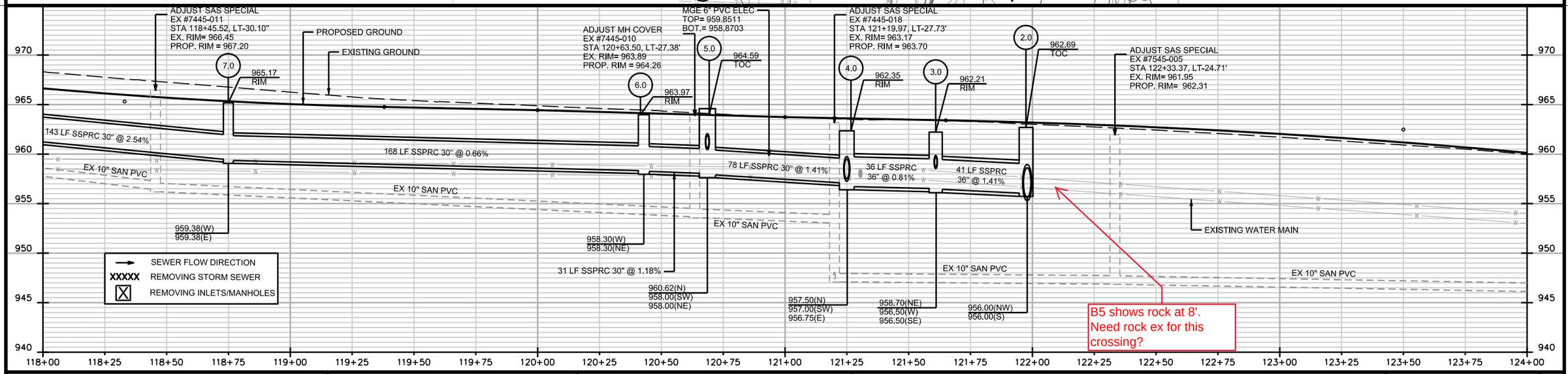
0710-114-1808-7
PITTZ, BRADY MICHAEL
JACQUELINE NICOLE PITTZ
1002 S Sprecher Rd

0710-123-0302-1
LOL555 HOLDINGS LLC
1011 S Sprecher Rd

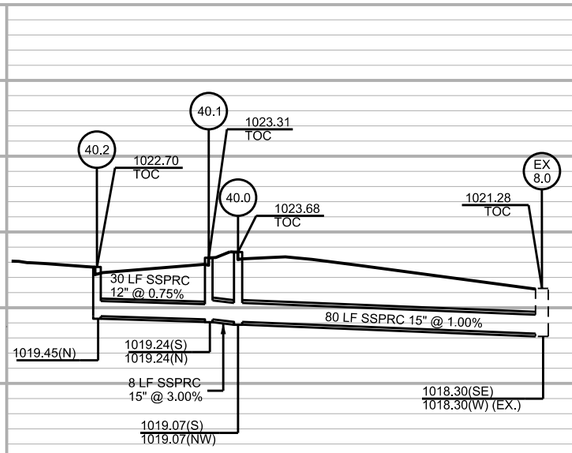
0710-114-8030-6
GEHRKE, RENO K
LYNNE M GEHRKE
3449 COUNTY HIGHWAY BB

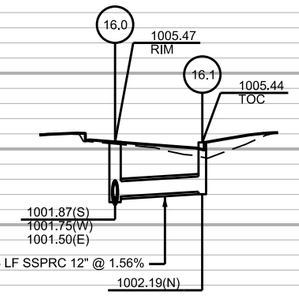
0710-114-8020-8
NEUHENGEN, RICHARD
3445 COUNTY HIGHWAY BB

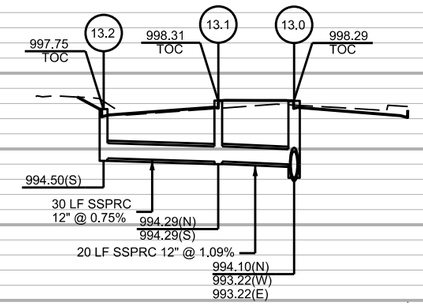
0710-123-0304-7
CITY OF MADISON ENGINEER
FUTURE TRANSPORT LOL 536
6503 Cottage Grove Rd

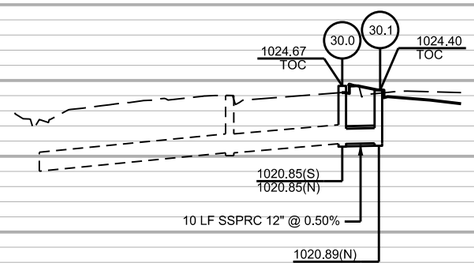


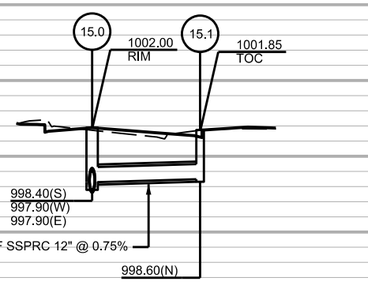
PROJECT NO: 5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET	E

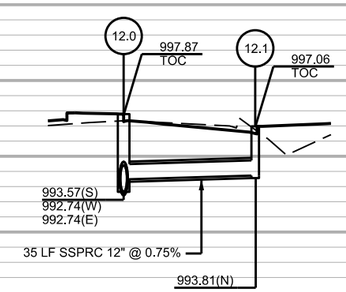


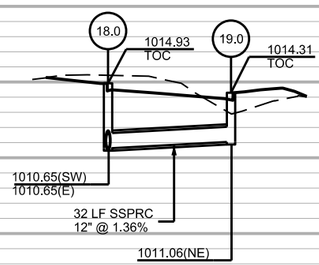


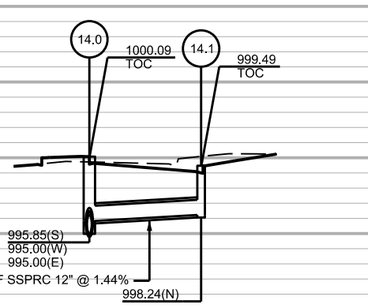


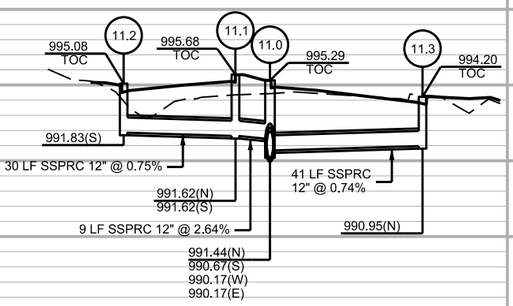




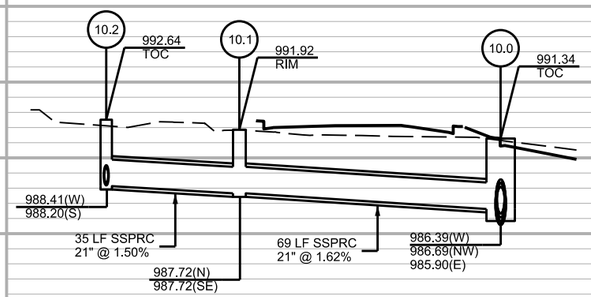


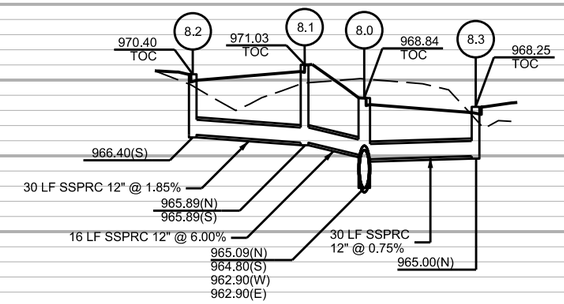


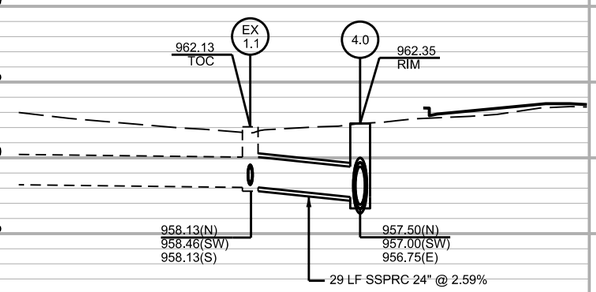


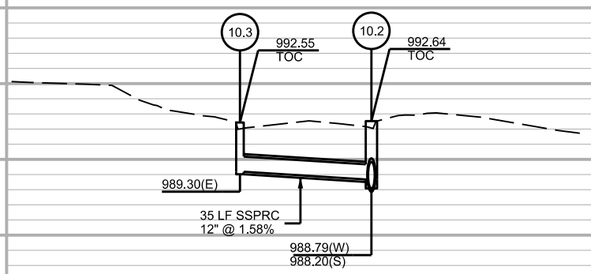


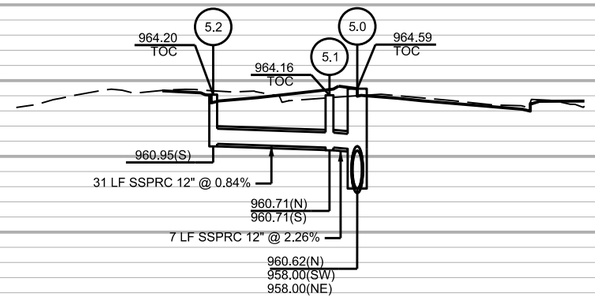
PROJECT NO:5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY:DANE	STORM SEWER PLAN	SHEET	E

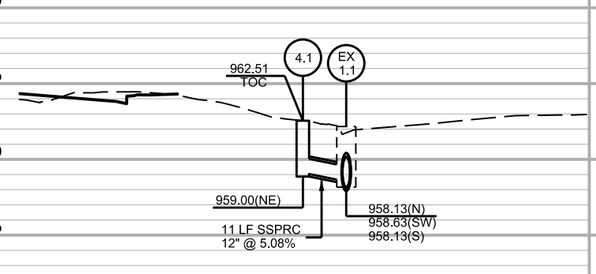


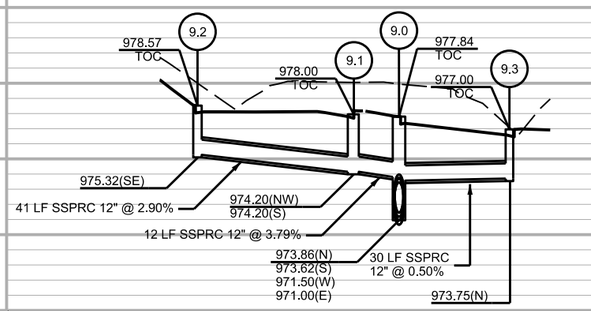


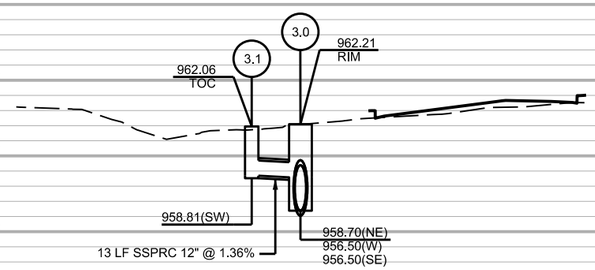


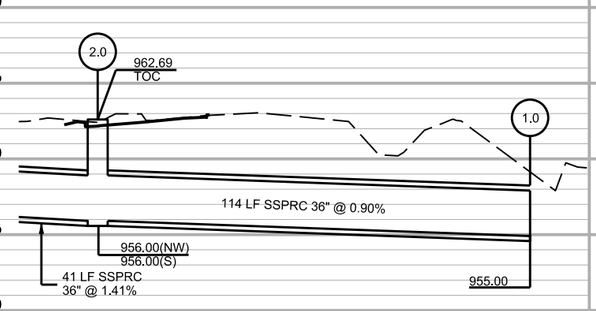




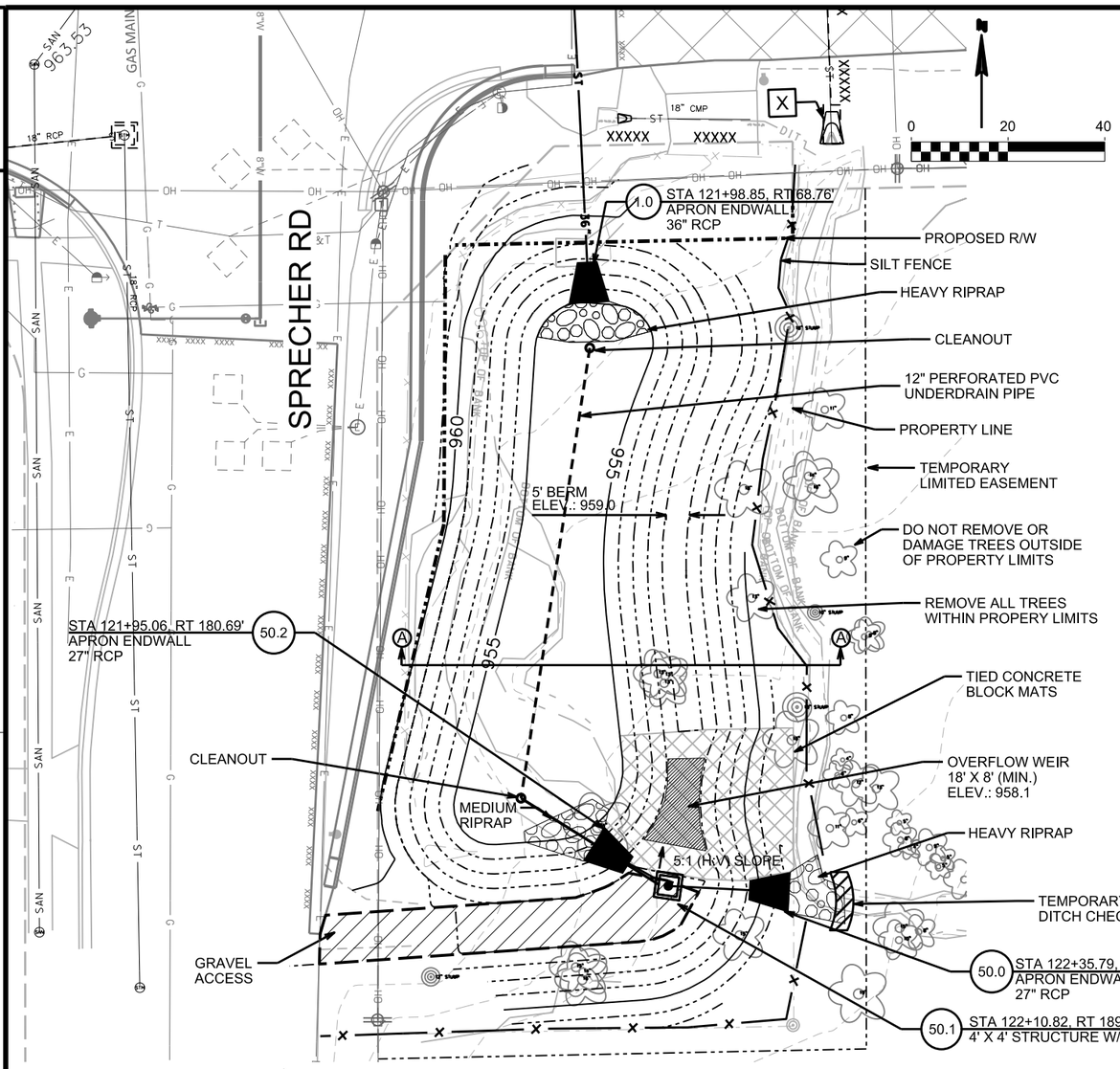


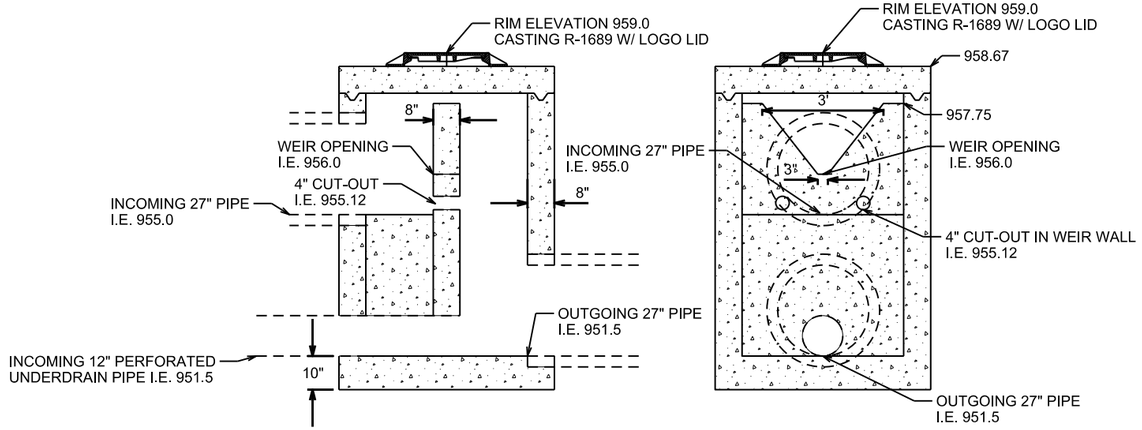




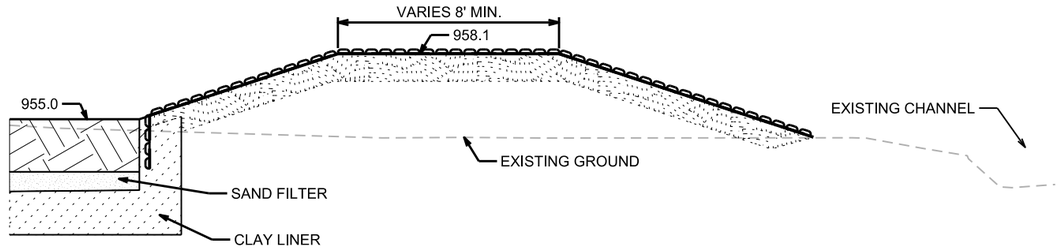


PROJECT NO:5992-09-26	HWY:COTTAGE GROVE ROAD	COUNTY:DANE	STORM SEWER PLAN	SHEET	E

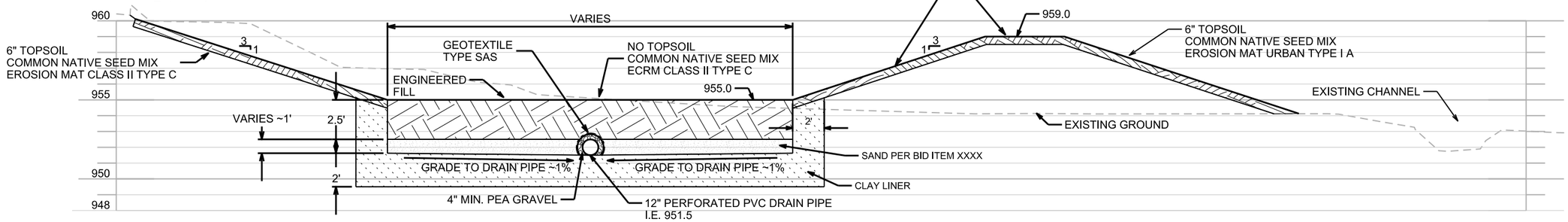




STRUCTURE 50.1 DETAIL
(NOT TO SCALE)



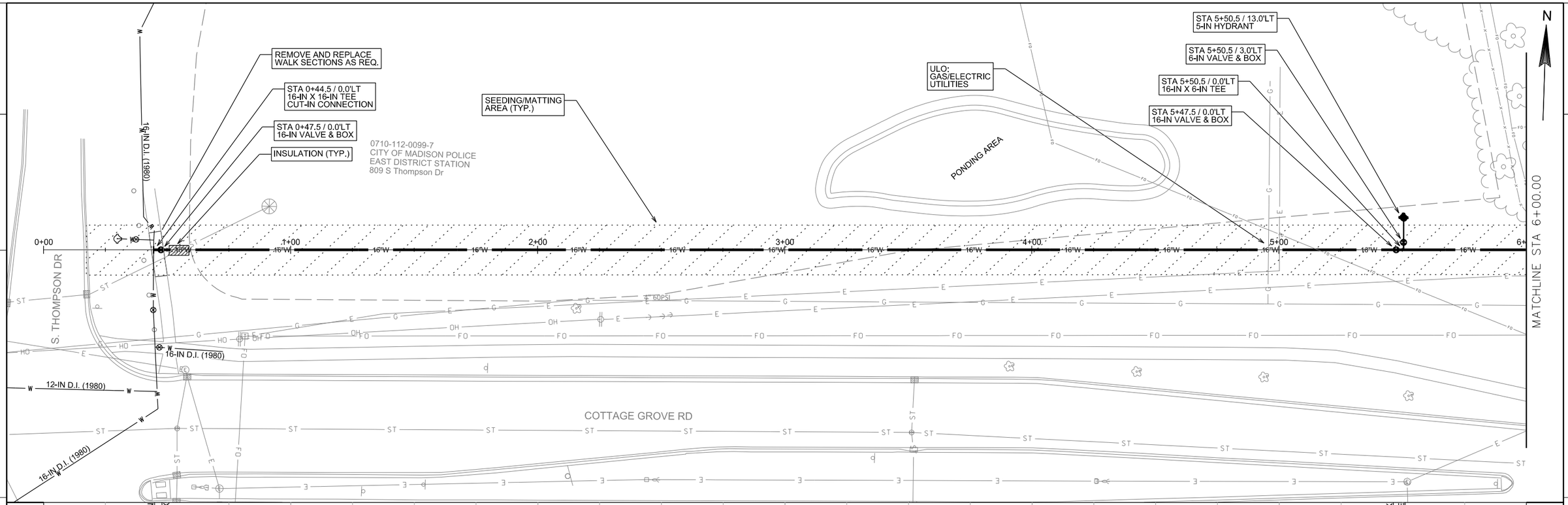
BIOFILTER OVERFLOW DETAIL
(NOT TO SCALE)

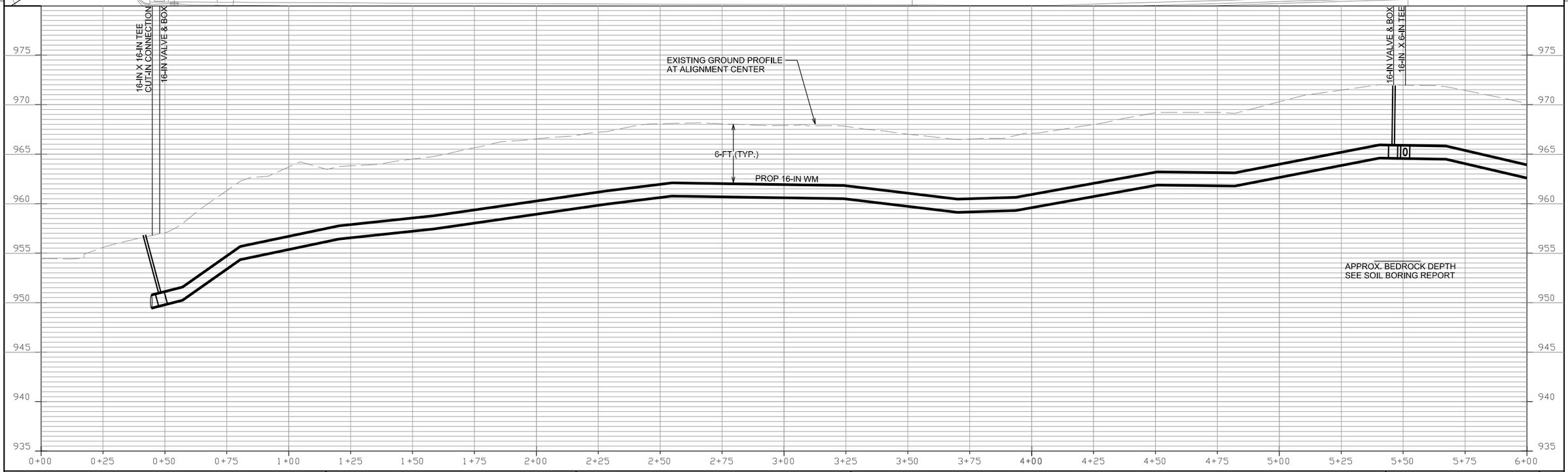


SECTION A-A: BIOFILTER CROSS-SECTION

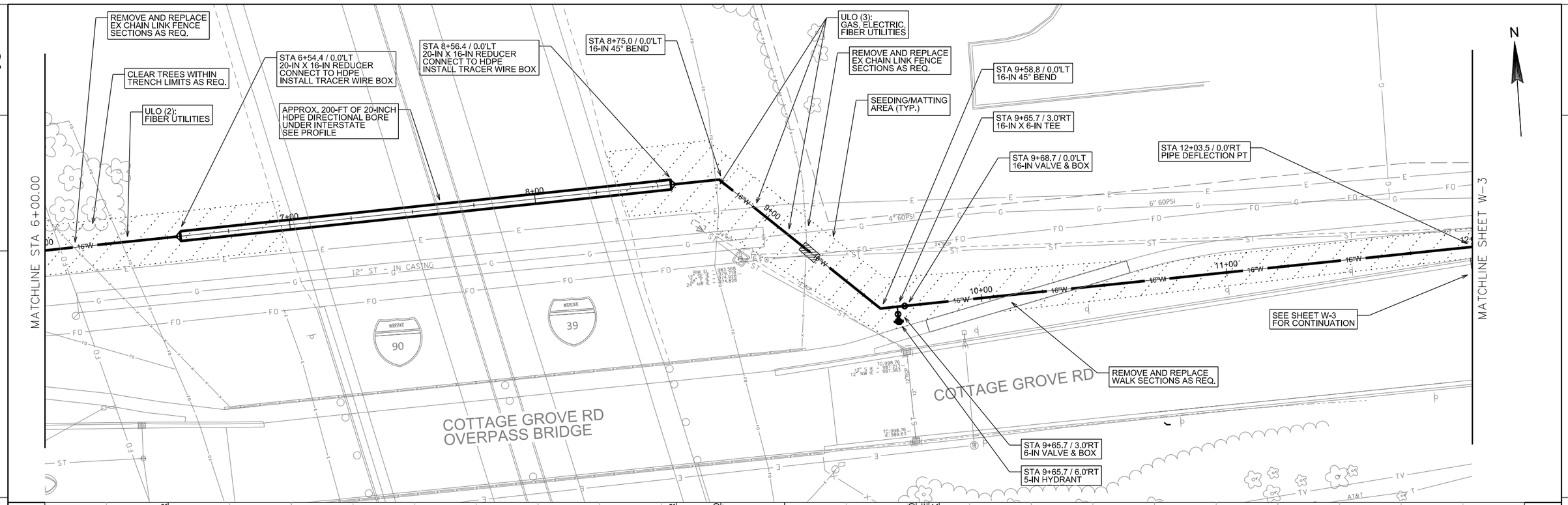
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	STORM SEWER PLAN	SHEET E

FILE NAME : M:\DESIGN\Projects\53W0472\Storm\Design\Storm Sewer Plans\53W0472STM-PondDetail.dgn PLOT DATE : 7/3/2019 PLOT BY : enscs PLOT NAME : _____ PLOT SCALE : 29.9999 sf / in.

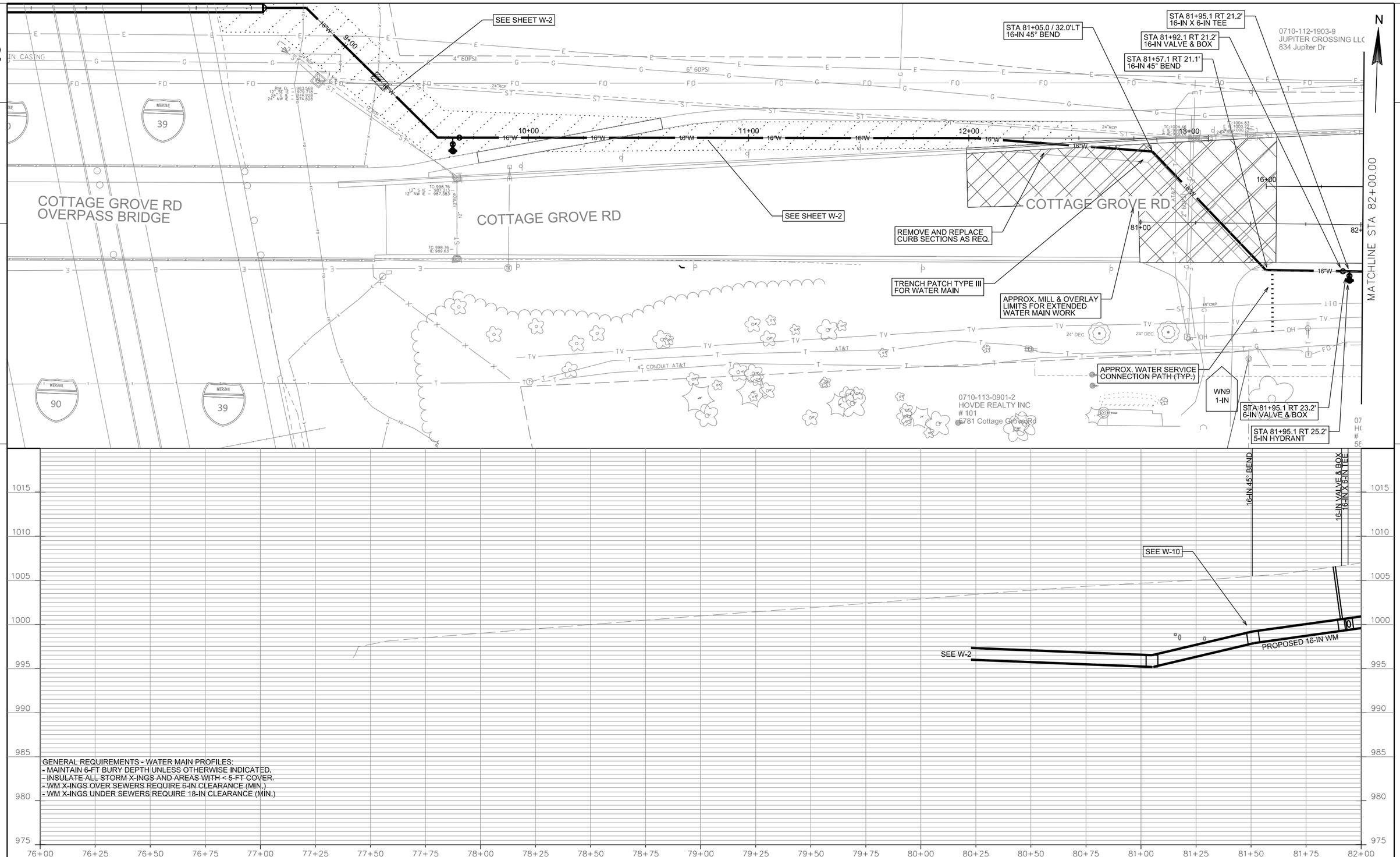




PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-1	E

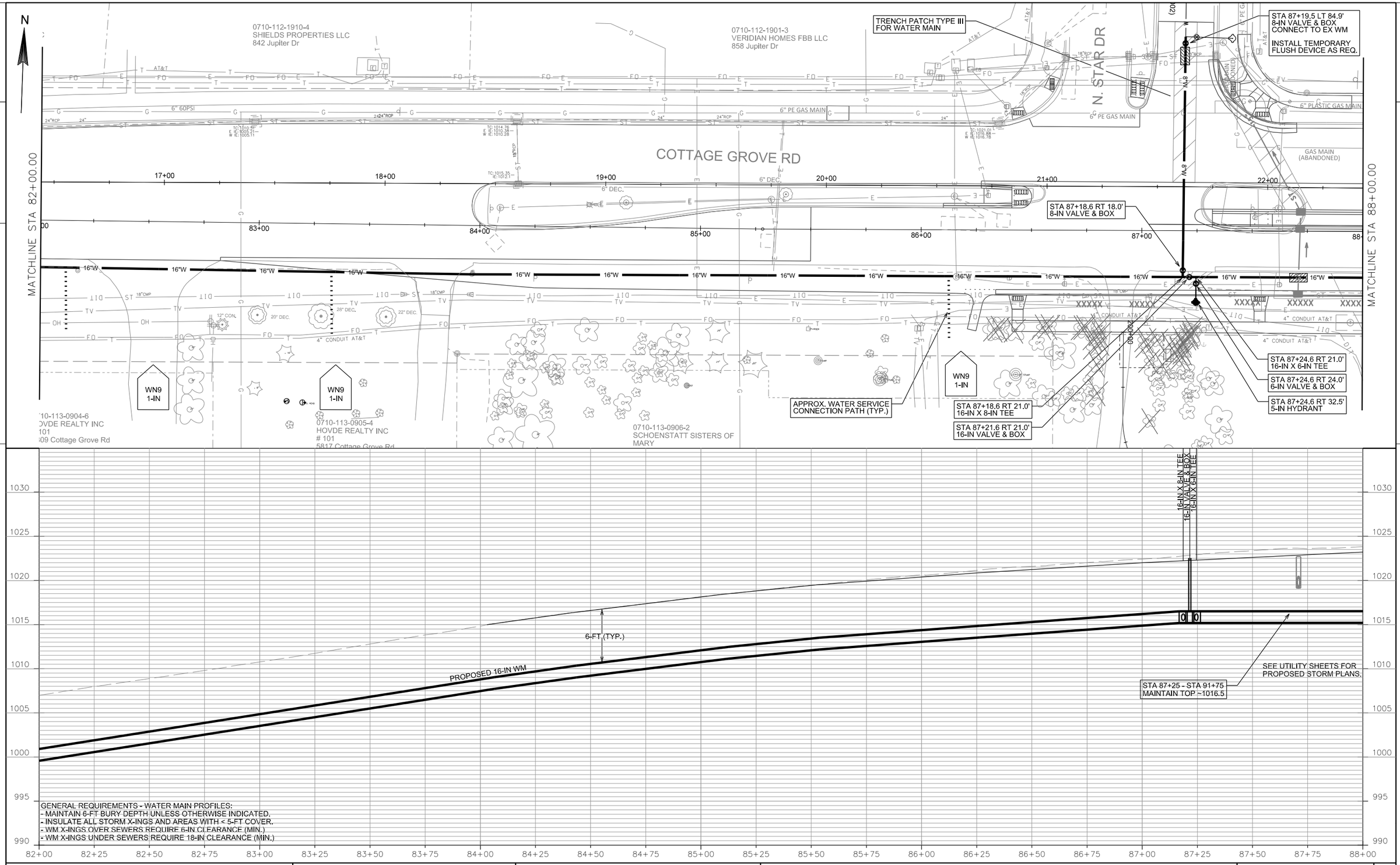


PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-2	E



GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-3	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-4	E

2

N

0710-112-2502-8
MREC VH MADISON INVESTORS LLC
6033 Gemini Dr

STA 91+71.7 LT 81.0'
8-IN VALVE & BOX
CONNECT TO EX WM

INSTALL TEMPORARY FLUSH DEVICE AS REQ.

¾" SOLID IRON ROD FOUND

TRENCH PATCH TYPE III FOR WATER MAIN

0710-111-2618-5
1200 SOUTH LLC
6034 Gemini Dr

GEMINI DR

6" PLASTIC GAS MAIN

GAS MAIN (ABANDONED)

COTTAGE GROVE RD

1" PE GAS SERVICE

STA 91+71.2 RT 18.0'
8-IN VALVE & BOX

16"W

4" CONDUIT AT&T

XXXXX

APPROX. WATER SERVICE CONNECTION PATH (TYP.)

WN9
1-IN

STA 91+74.2 RT 21.0'
16-IN VALVE & BOX

STA 91+71.2 RT 21.0'
16-IN X 8-IN TEE

0710-113-0908-8
SCHOENSTATT SISTERS OF MARY
5901 Cottage Grove Rd

MATCHLINE STA 88+00.00

MATCHLINE STA 94+00.00

23+00 24+00 25+00 26+00 27+00 28+00 89+00 90+00 91+00 92+00 93+00 94+00

16-IN X 8-IN TEE
16-IN VALVE & BOX

SEE UTILITY SHEETS FOR PROPOSED STORM PLANS.

PROPOSED 16-IN WM

6-FT (TYP.)

GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

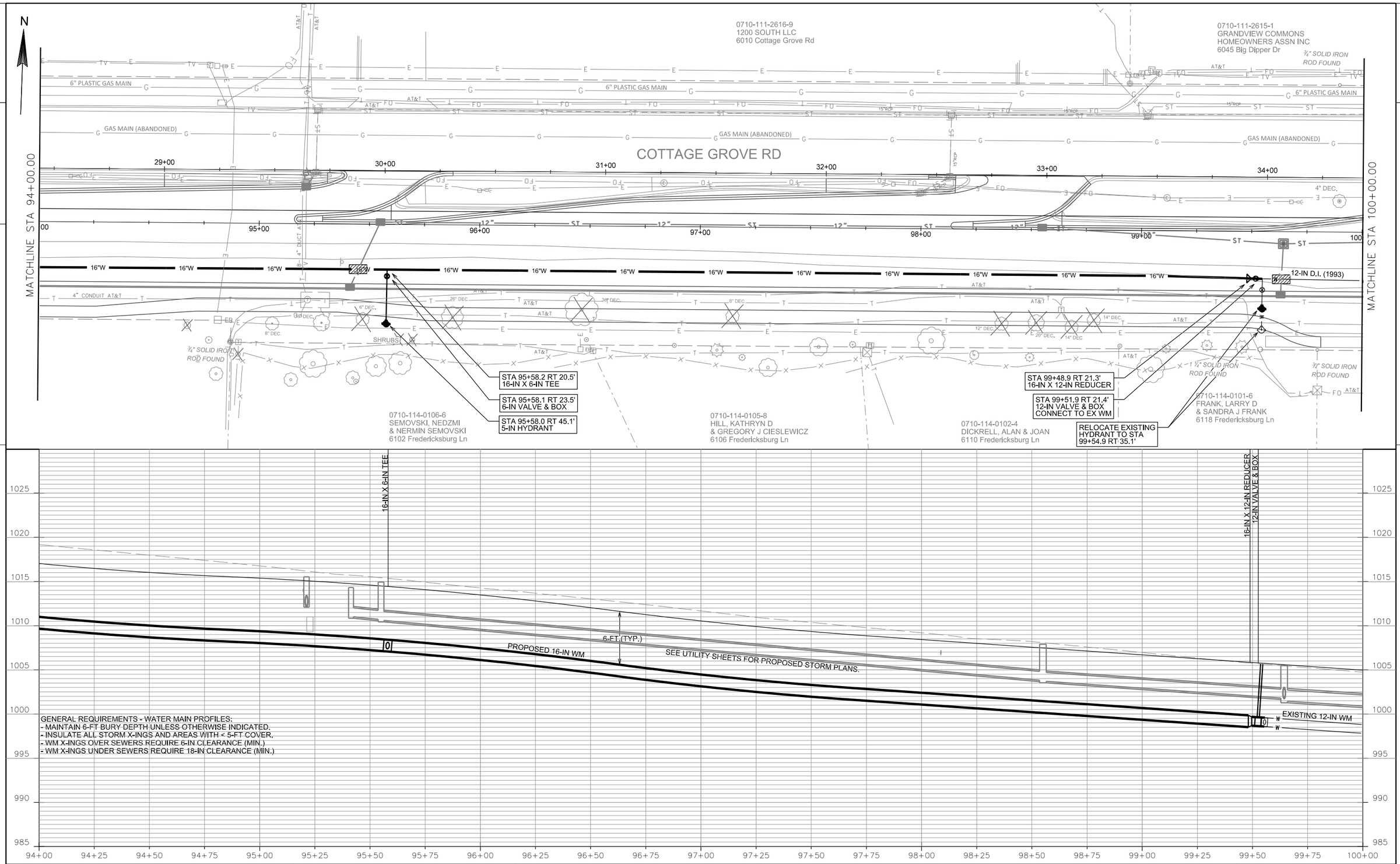
STA 87+25 - STA 91+75
MAINTAIN TOP ~1016.5

STA 87+25 - STA 91+75
MAINTAIN TOP ~1016.5

1040 1035 1030 1025 1020 1015 1010 1005 1000

88+00 88+25 88+50 88+75 89+00 89+25 89+50 89+75 90+00 90+25 90+50 90+75 91+00 91+25 91+50 91+75 92+00 92+25 92+50 92+75 93+00 93+25 93+50 93+75 94+00

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-5	E



GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-6	E

2

N

MATCHLINE STA 100+00.00

MATCHLINE STA 106+00.00

COTTAGE GROVE RD

COTTAGE GROVE RD

McCLEAN DR

McCLEAN DR

6" PLASTIC GAS MAIN

6" PLASTIC GAS MAIN

GAS MAIN (ABANDONED)

GAS MAIN (ABANDONED)

GAS MAIN (ABANDONED)

GAS MAIN (ABANDONED)

24-IN CASING

12-IN D.I. (2001)

12-IN D.I. (1993)

12-IN D.I. (1993)

12-IN D.I. (1993)

EX. 4" PE GAS MAIN

INSULATION (TYP.)

SEE UTILITY SHEETS FOR PROPOSED STORM PLANS

EXISTING 12-IN WM

0710-111-0306-8
MREC VH MADISON LLC
6201 Kilpatrick Ln

0710-111-0308-4
KEMPFER, BENJAMIN R
TARA L KEMPFER
6205 Kilpatrick Ln

0710-111-0309-2
VEGA, NICOLAS & TANYA A
& IMELDA VEGA
6207 Kilpatrick Ln

0710-111-03
FIX, DANIEL
LEAH J FIX
6209 Kilpatrick

1 ½" SOLID IRON ROD FOUND

¾" SOLID IRON ROD FOUND

¾" SOLID IRON ROD FOUND

0710-114-0103-2
FREMGEN, MARK R
DIANE M FREMGEN
6122 Fredericksburg Ln

0710-114-0104-0
VEITH-TESSMANN, DEBRA SUE
6126 Fredericksburg Ln

0710-114-0201-4
KAPKOE, SHERAB T
NAMGANG DOLMA
6202 Fredericksburg Ln

0710-114-0202-2
ANDERSON, GARY L
& NICHOLE R WILTZIUS
6206 Fredericksburg Ln

0710-114-0203-0
REPKA, RAQUEL A
BRIAN J BECKER
1 Fredericksburg Ct

35+00 36+00 37+00 38+00 39+00 40+00

101+00 102+00 103+00 104+00 105+00 106

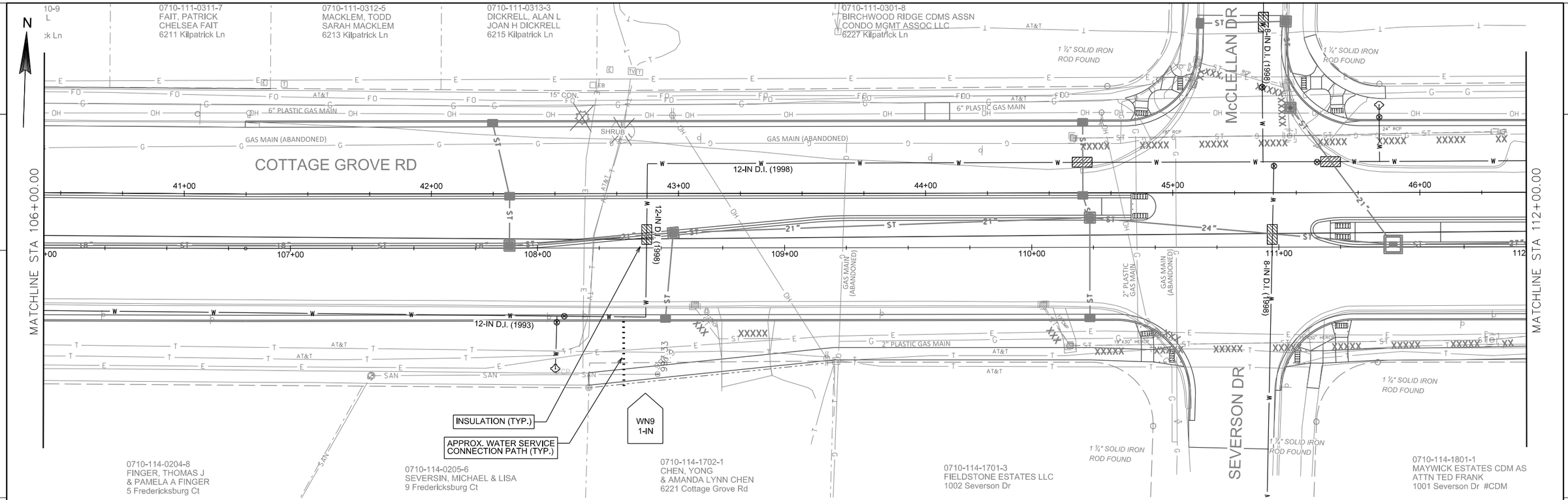
1020 1015 1010 1005 1000 995 990 985 980

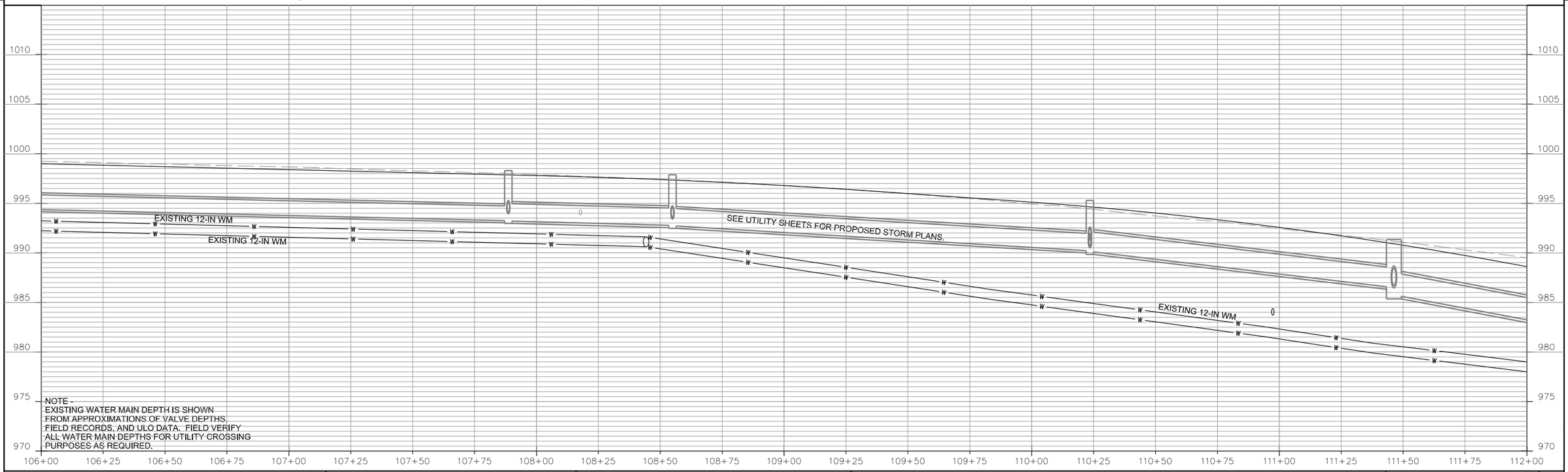
100+00 100+25 100+50 100+75 101+00 101+25 101+50 101+75 102+00 102+25 102+50 102+75 103+00 103+25 103+50 103+75 104+00 104+25 104+50 104+75 105+00 105+25 105+50 105+75 106+00

NOTE -
EXISTING WATER MAIN DEPTH IS SHOWN FROM APPROXIMATIONS OF VALVE DEPTHS, FIELD RECORDS, AND ULO DATA. FIELD VERIFY ALL WATER MAIN DEPTHS FOR UTILITY CROSSING PURPOSES AS REQUIRED.

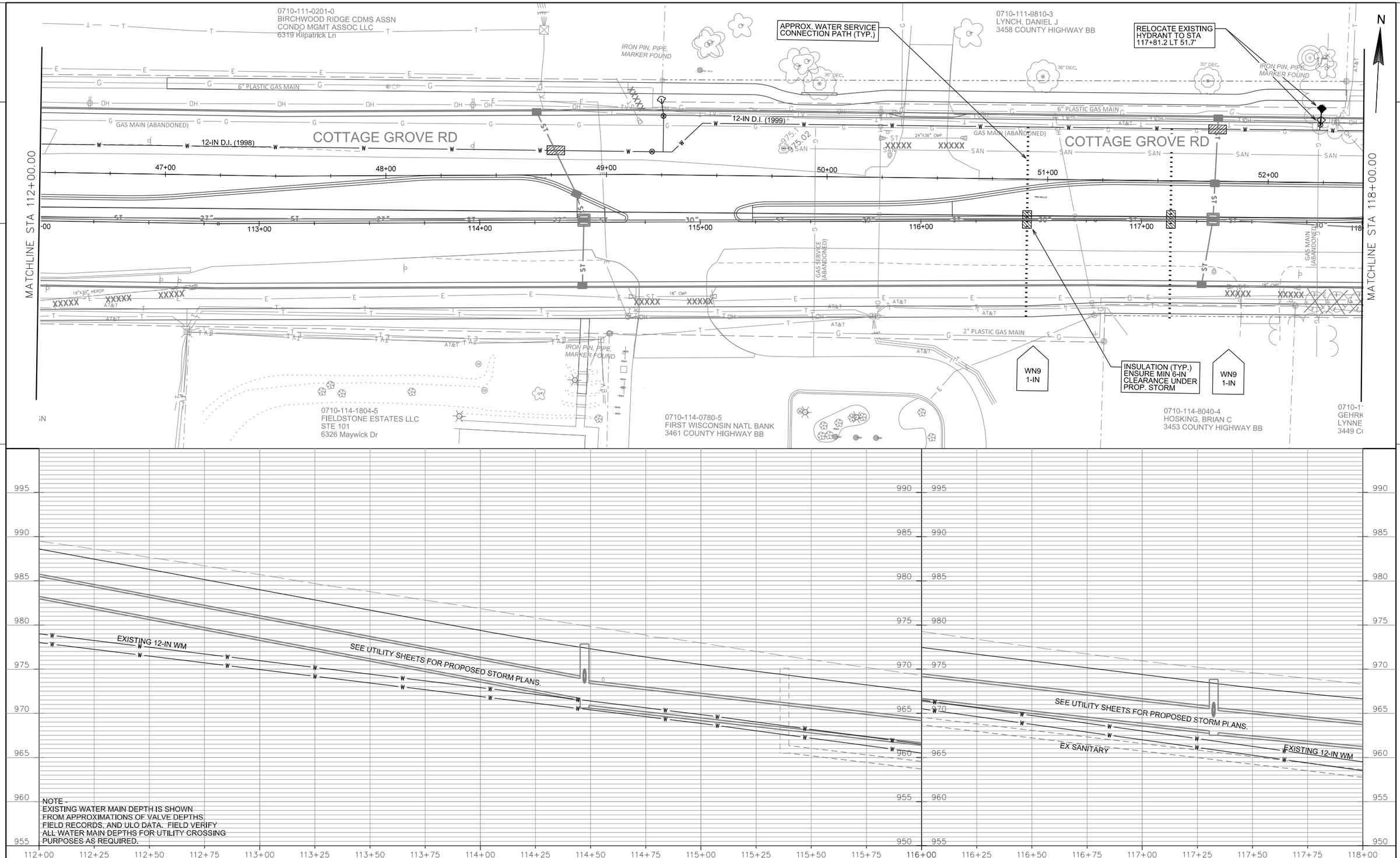
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-7	E

FILE NAME : M:\DESIGN\Projects\53W0472\Water\Design\53W0472WU-PnP**7.dgn PLOT DATE : 7/10/2019 PLOT BY : wupeh PLOT NAME : PLOT SCALE : 40.0000 sf / in.

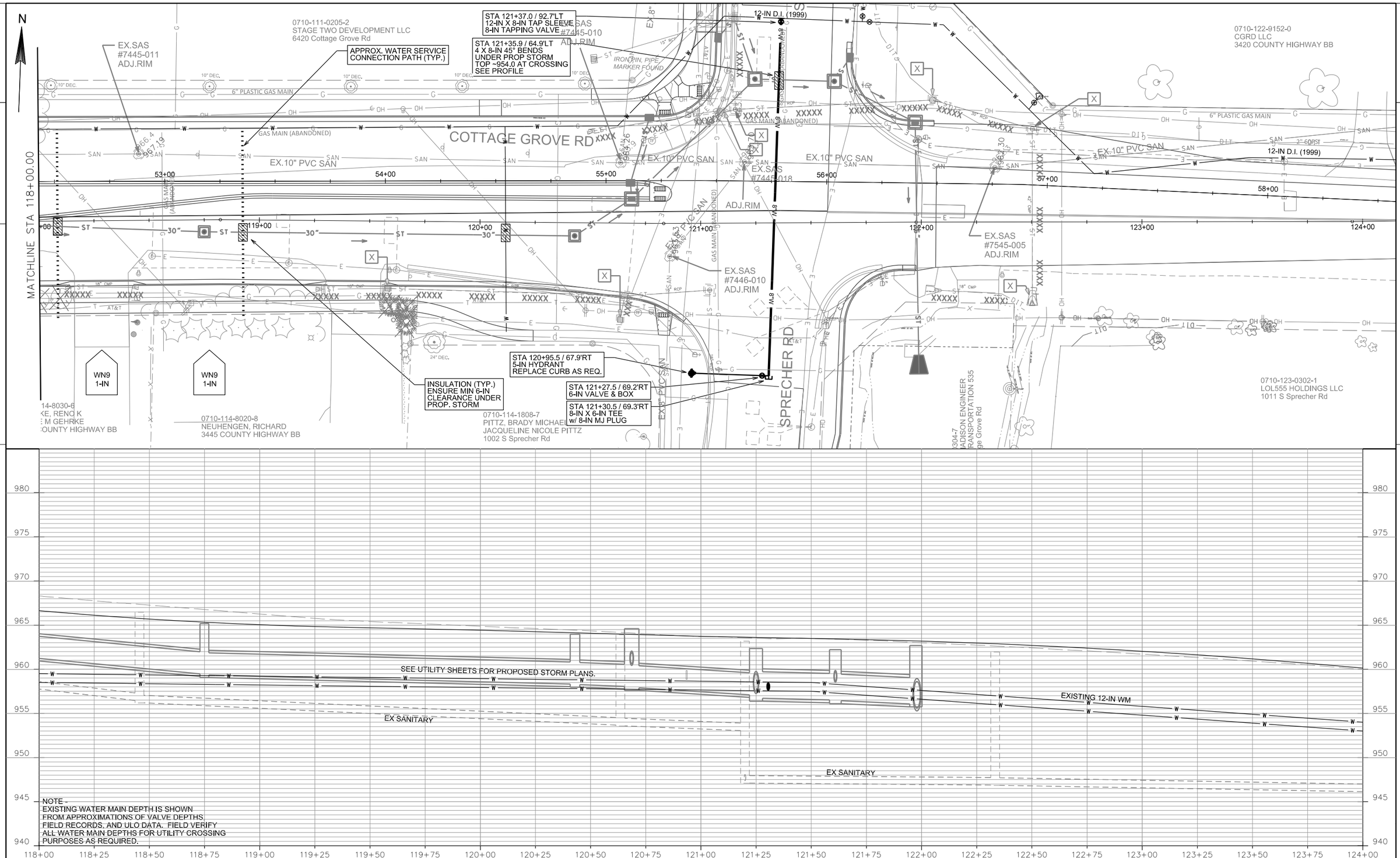




PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-8	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-9	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER PLAN AND PROFILE	SHEET W-10	E

FILE NAME : M:\DESIGN\Projects\53W0472\Water\Design\53W0472WU-PnP**10.dgn PLOT DATE : 7/10/2019 PLOT BY : wupeh PLOT NAME : PLOT SCALE : 40.0000 sf / in.

2

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

N

V-4

V-2

SERVICES TO MADISON POLICE EAST DISTRICT STATION

CUT-IN CONNECTION (W-1)

S THOMPSON DR

INTERSTATE 39/90

COTTAGE GROVE ROAD

COTTAGE GROVE ROAD

EMMA CT

S THOMPSON DR

INTERSTATE 39/90

N

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER IMPACT PLAN	SHEET W-11	E

FILE NAME : M:\DESIGN\Projects\53W0472\Water\Design\53W0472WU-Impact**11.dgn PLOT DATE : 7/10/2019 PLOT BY : wupeh PLOT NAME : PLOT SCALE : 109.8445 sf / in.

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

N

SHARPSBURG DR

NORTHSTAR DR

GEMINI DR

COTTAGE GROVE RD

FREDRICKSBURG LN

V-3011
V-7
V-14
V-13
V-15
V-28

CUT-IN CONNECTION (W-5)
CUT-IN CONNECTION (W-5)
CUT-IN CONNECTION (W-5)

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	WATER IMPACT PLAN	SHEET W-12	E

FILE NAME : M:\DESIGN\Projects\53W0472\Water\Design\53W0472WU-Impact**12.dgn
PLOT DATE : 7/10/2019
PLOT BY : wupeh
PLOT NAME : _____
PLOT SCALE : 109.3856 sf / in.

CONSTRUCTION NOTES:

1. 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.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. 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.

WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.

WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.

WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.

WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.

WN5 RELOCATE THE EXISTING FIRE HYDRANT.

WN6 ABANDON WATER VALVE ACCESS STRUCTURE.

WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.

WN8 ABANDON THE VALVE BOX.

WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.

WN10 REMOVE AND SALVAGE EXISTING HYDRANT

WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR*:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

WATER ASSETS	TOTAL
6-IN PIPE (LF)	80
8-IN PIPE (LF)	400
12-IN PIPE (LF)	<10
16-IN PIPE (LF)	2950
20-IN PIPE (LF) (DRILL)	200
POLY WRAP	3800
6-IN VALVE & BOX	6
8-IN VALVE & BOX	3
12-IN VALVE & BOX	1
16-IN VALVE & BOX	6
8-IN - 45° BEND	4
16-IN - 45° BEND	4
8-IN X 6-IN TEE	1
16-IN X 6-IN TEE	4
16-IN X 8-IN TEE	2
16-IN X 16-IN TEE	1
5-IN HYDRANT	5
5-IN HYDRANT (RELOCATED)	2
8-IN MJ PLUG	1
16-IN X 12-IN REDUCER	1
20-IN X 16-IN REDUCER	2
2-IN STYROFOAM (LF)	160
1-IN OR 1.5-IN COPPER PIPING	AS REQ

ESTIMATE OF MATERIALS SUPPLIED BY THE CITY*:

WATER ASSETS	TOTAL
8-IN TAPPING VALVE & BOX	1
12-IN X 8-IN TAPPING SLEEVE	1

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

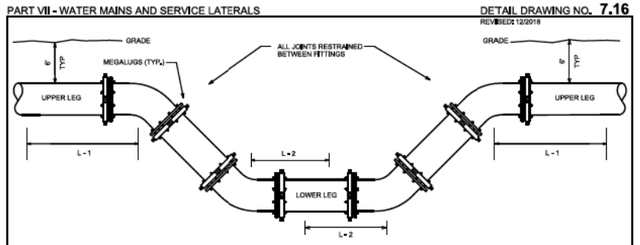
CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

MEMBER
ONE CALL SYSTEMS INTERNATIONAL

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.

PART VII - WATER MAINS AND SERVICE LATERALS — DETAIL DRAWING NO. 7.16
REVISED 12/2018



L - 1: RESTRAINED JOINT LENGTH UPPER LEG OF VERTICAL BEND

L - 2: RESTRAINED JOINT LENGTH LOWER LEG OF VERTICAL BEND

*NOTE - AS THE BEND ANGLE APPROACHES 90° (VERTICAL SWEEPS/OFFSETS), LATERAL MOVEMENT OF THE OUTER LEGS APPROACHES ZERO, FOR THIS CONDITION, RESTRAIN ALL PIPE BETWEEN THE FITTINGS AND RESTRAIN THE OUTER LEGS AS DEAD ENDS.

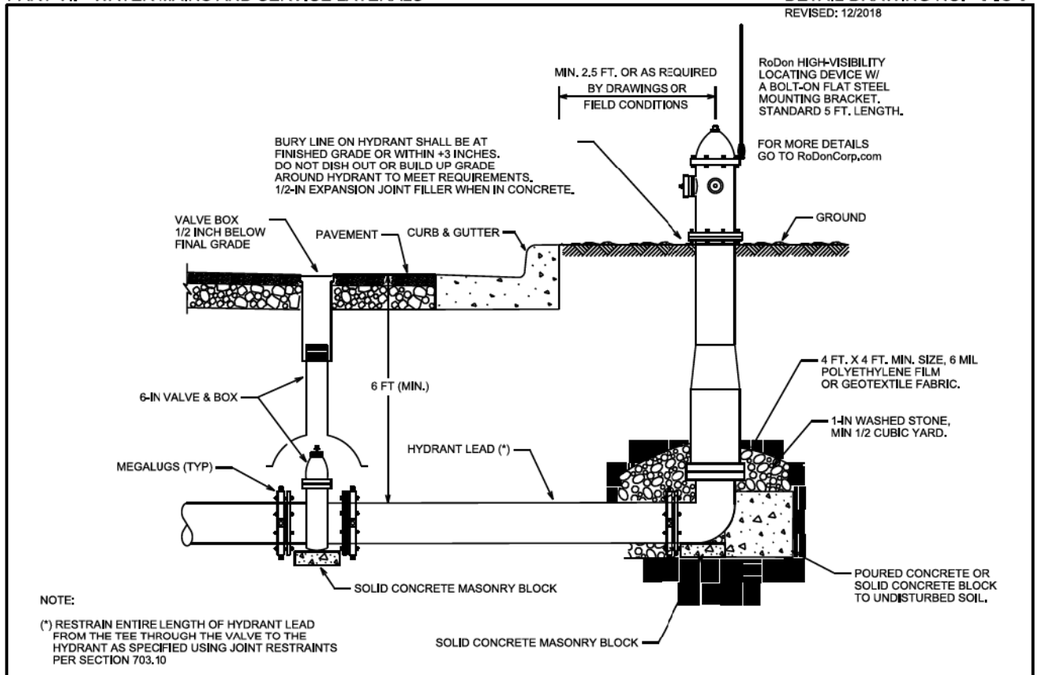
	45° BEND		22.5° BEND		11.25° BEND	
FITTING SIZE (IN)	L - 1 (FT)	L - 2 (FT)	L - 1 (FT)	L - 2 (FT)	L - 1 (FT)	L - 2 (FT)
4	13	3	6	2	3	1
6	18	4	9	2	5	1
8	24	5	12	3	6	2
10	28	6	14	3	7	2
12	34	7	16	4	8	2
16	43	10	21	5	11	3
20	53	12	26	6	13	3
24	62	13	30	7	15	4

NOTES:
SOURCE: Adapted from the DIWA Iron Restraint Length Calculator, Version 7.1.2
Material: Poly Wrapped Ductile Iron Pipe
Soil Type = Gravels, Gravel-Sand Mixtures
Test Pressure = 150 PSI
Safety Factor = 1.5
Trench Type = 4
Bury Depth = 6'
Low Side Depth = 6'

CITY OF MADISON WATER UTILITY	NOT TO SCALE	JOINT RESTRAINT LENGTHS FOR VERTICAL BENDS

City of Madison Standard Specifications for Public Works Construction

PART VII - WATER MAINS AND SERVICE LATERALS — DETAIL DRAWING NO. 7.04
REVISED: 12/2018

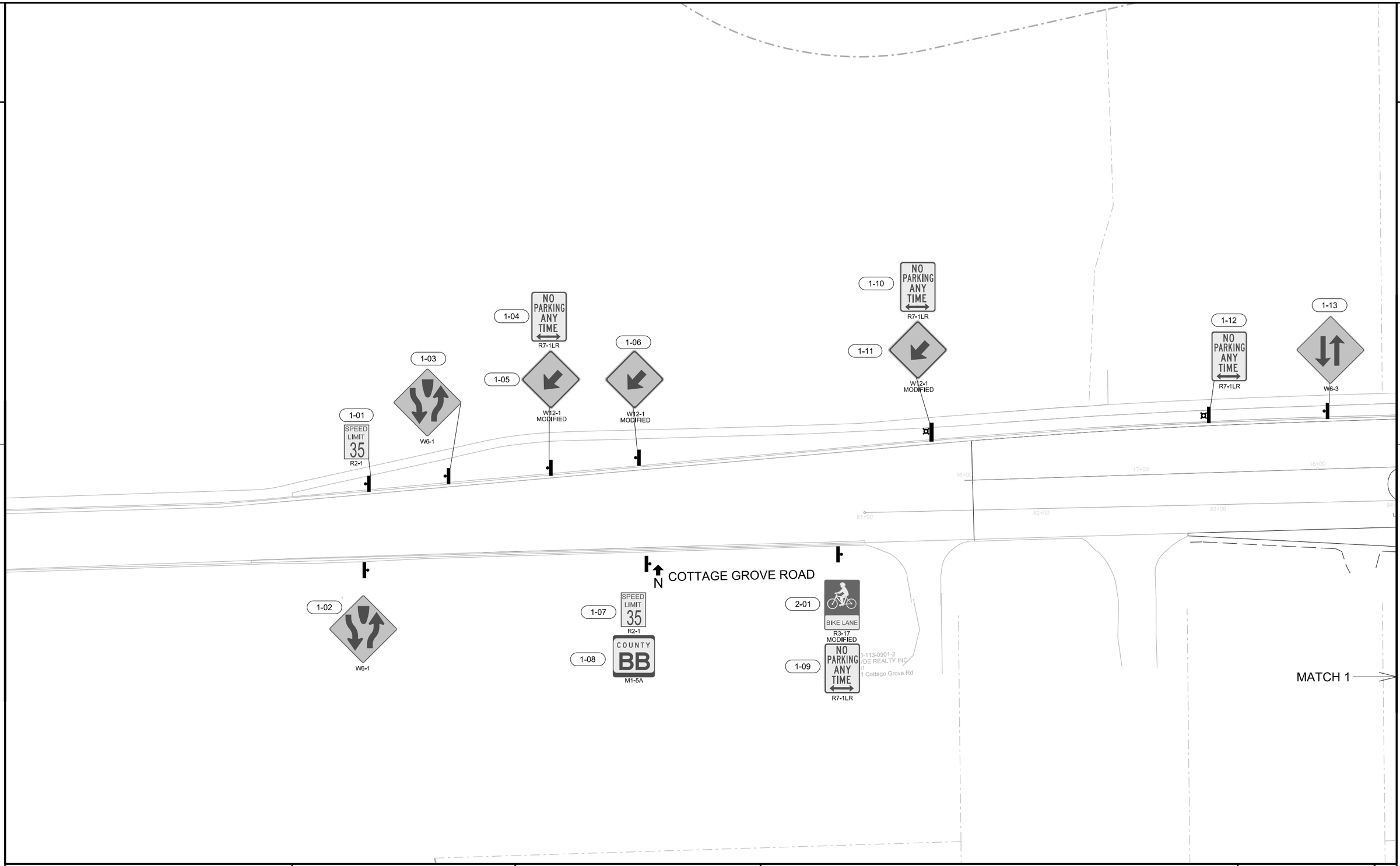


NOTE:
(*) RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

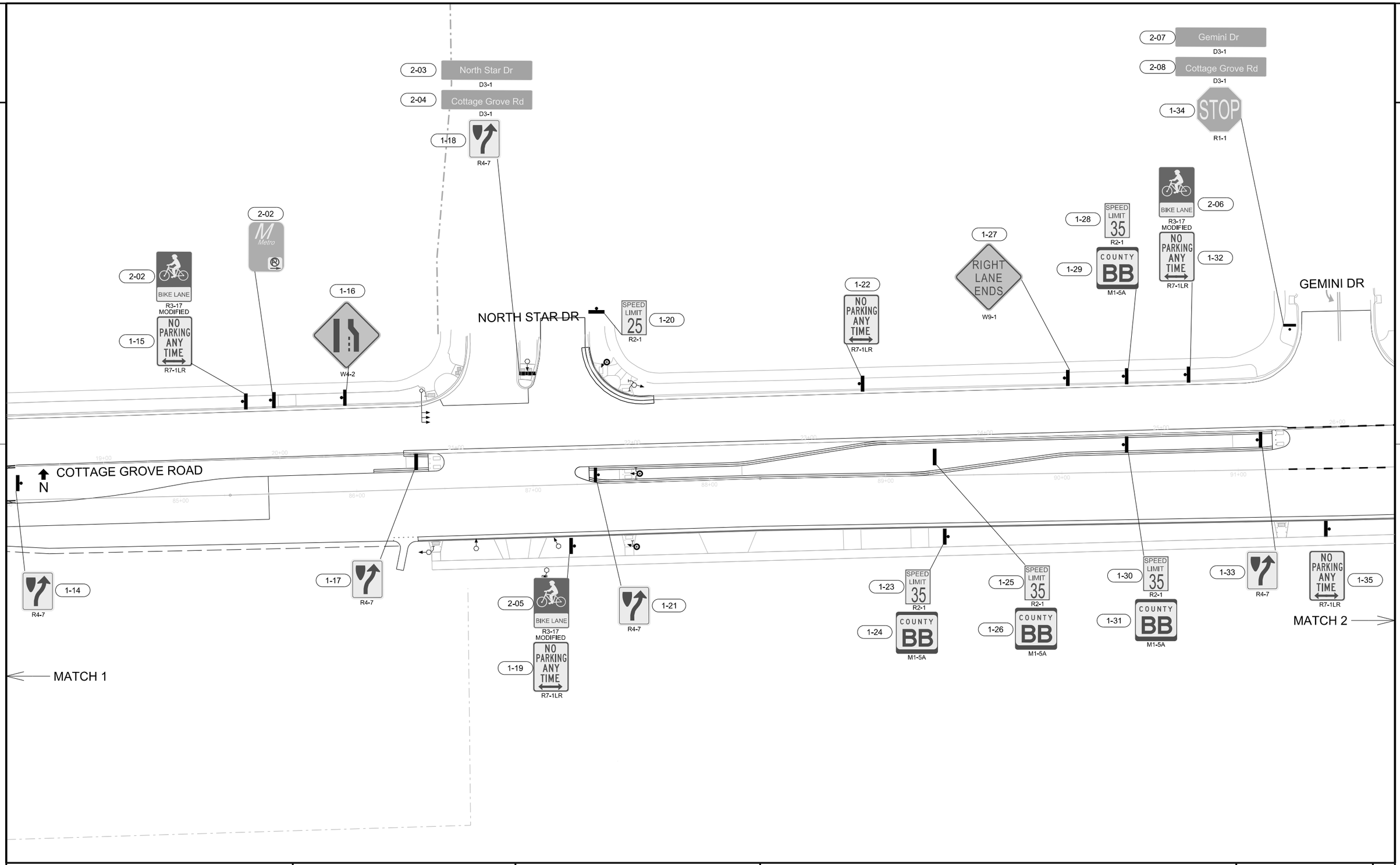
CITY OF MADISON WATER UTILITY	NOT TO SCALE	TYPICAL HYDRANT INSTALLATION

City of Madison Standard Specifications for Public Works Construction

2



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E

2

2

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

COTTAGE GROVE ROAD
N

27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00
92+00 93+00 94+00 95+00 96+00 97+00 98+00 99+00

HH 24

1-36
R4-7

MATCH 2

2-09
BIKE LANE
R3-17 MODIFIED

1-37
NO PARKING ANY TIME
R7-1LR

1-38
R4-7

2-10
BIKE LANE
R3-17 MODIFIED

1-39
NO PARKING ANY TIME
R7-1LR

W12-1
1-40

ONE WAY
R6-2R
1-41

2-11
BIKE LANE
R3-17 MODIFIED

1-42
NO PARKING ANY TIME
R7-1LR

1-43
R4-7

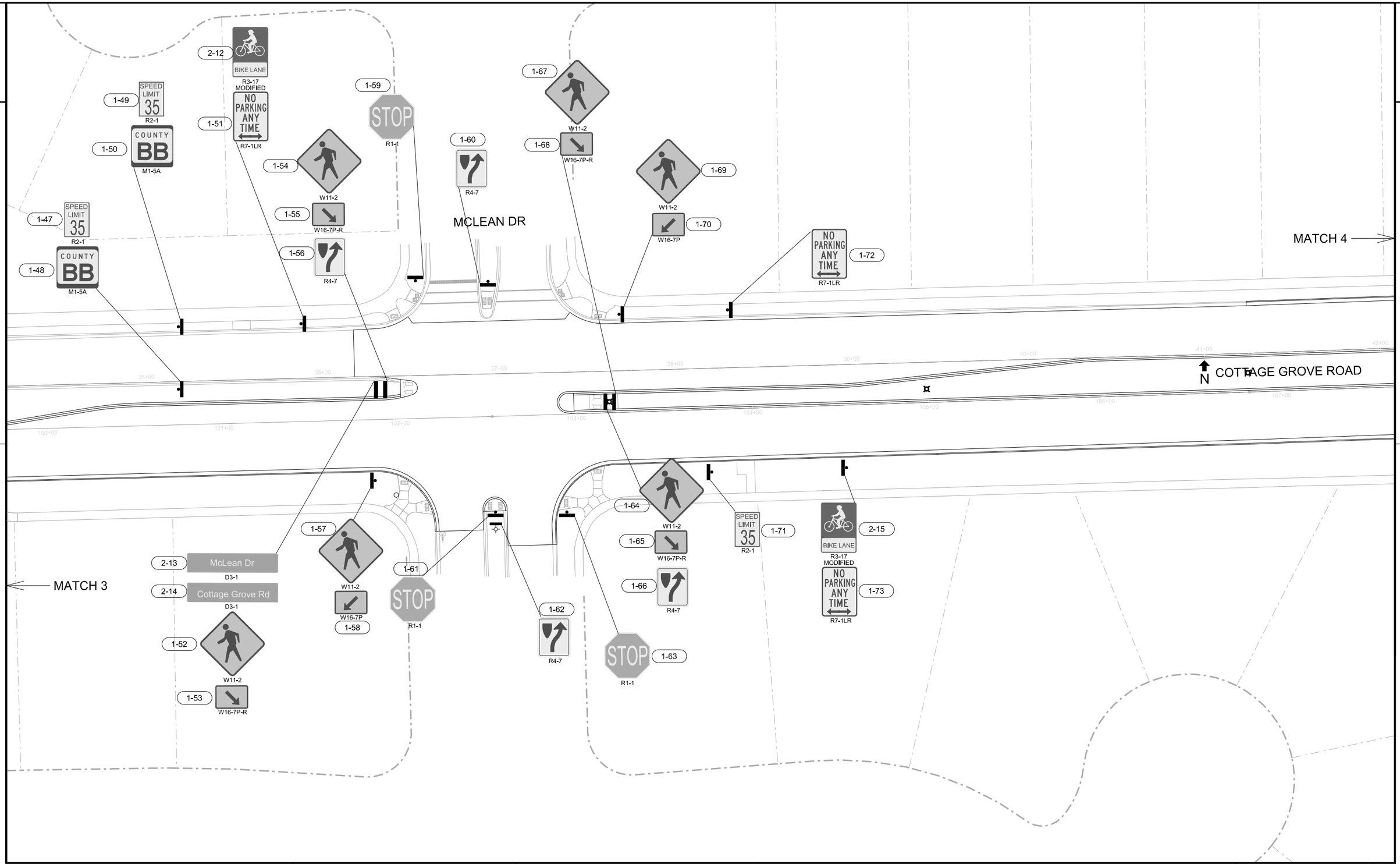
1-44
W12-1

ONE WAY
R6-2R
1-45

1-46
NO PARKING ANY TIME
R7-1LR

MATCH 3

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E

2

2

MCCLELLAN DR

2-17 McClellan Dr D3-1

2-18 Cottage Grove Rd D3-1

1-79 STOP R1-1

2-16 BIKE LANE R3-17 MODIFIED

1-74 NO PARKING ANY TIME R7-1LR

1-75 SPEED LIMIT 35 R2-1

1-76 SPEED LIMIT 35 R2-1

MATCH 4

N

COTTAGE GROVE ROAD

1-77 NO PARKING ANY TIME R7-1LR

1-78 R4-7

1-80 STOP R1-1

1-81 R4-7

1-82 W3-3

1-83 NO PARKING ANY TIME R7-1LR

1-84 SPEED LIMIT 35 R2-1

1-85 COUNTY BB M1-5A

1-86 SPEED LIMIT 35 R2-1

1-87 COUNTY BB M1-5A

1-88 NO PARKING ANY TIME R7-1LR

2-19 BIKE LANE R3-17 MODIFIED

1-89 SPEED LIMIT 35 R2-1

1-90 COUNTY BB M1-5A

1-91 SPEED LIMIT 35 R2-1

1-92 COUNTY BB M1-5A

1-93 R4-7

1-94 R4-7

MATCH 5

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E

2

1-100 LEFT LANE MUST TURN LEFT R3-7

1-101 TRUCK ROUTE R14-1

1-102 M6-4

1-103 SPEED LIMIT 35 R2-1

S SPRECHER RD

2-20 BIKE LANE R3-17 MODIFIED

1-96 NO PARKING ANY TIME R7-1LR

1-97 SPEED LIMIT 35 R2-1

1-98 SPEED LIMIT 35 R2-1

2-21 Sprecher Rd D3-1

Cottage Grove Rd D3-1 2-22

N COTTAGE GROVE ROAD

1-95 NO PARKING ANY TIME R7-1LR

1-99 R4-7

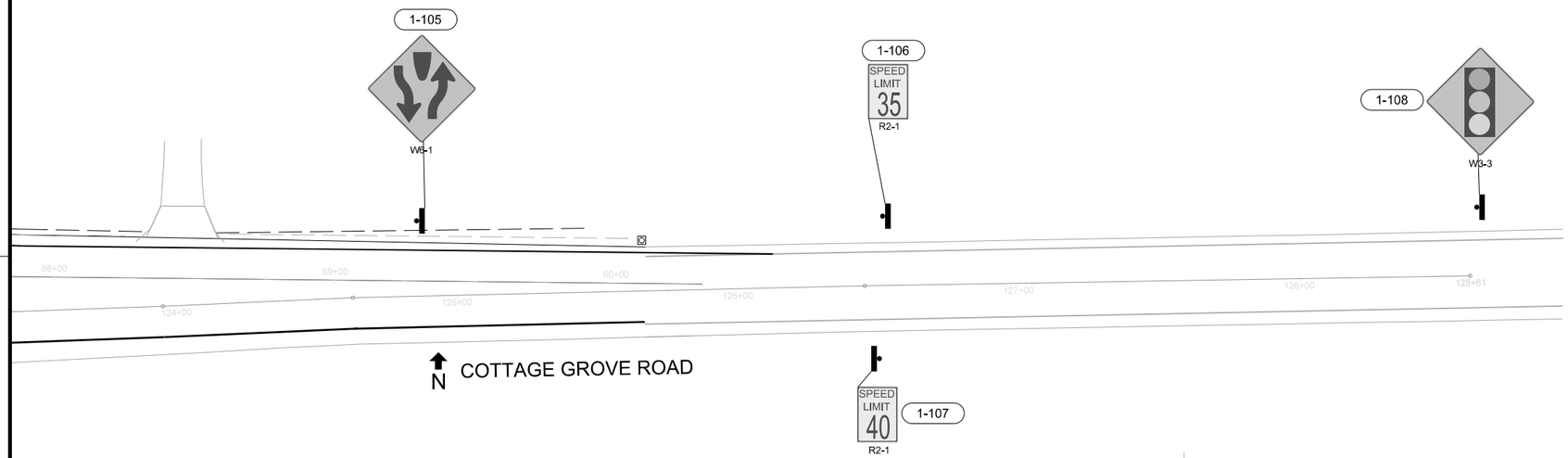
MATCH 5

MATCH 6

1-104 LEFT LANE MUST TURN LEFT R3-7

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E

2



MATCH 6

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	SIGNING - COTTAGE GROVE RD.	SHEET	E

2

2

0710-112-1903-9
JUPITER CROSSING LLC
834 Jupiter Dr

0710-112-1910-4
SHIELDS PROPERTIES LLC
842 Jupiter Dr

STA 15+80 "WB", 28.4' L
SL9460 - LC1 - A1 - TYPE II

STA 17+36.5 "WB", 32.4' L
SL9461 - LC1 - 2M - TYPE II

STA 18+92.3 "WB", 9.3' R
SL8604 - LC1 - 2M/1A - TYPE II

SL 9460

HH 1

SL 9461

HH 2

HH 3

PROJECT BEGIN STA81+00

MATCHLINE STA 85+07

COTTAGE GROVE ROA

POB
81+00.00

0710-113-0904-6
HOVDE REALTY INC
101
5809 Cottage Grove Rd

0710-113-0905-4
HOVDE REALTY INC
101
5817 Cottage Grove Rd

0710-113-0906-2
SCHOENSTATT SIST
MARY
5825 Cottage Grove R

SCALE: 1" = 30'

LEGEND

- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-1	E

FILE NAME : $$...designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

WISDOT/CADDS SHEET 42

SCALE: 1" = 30'

NORTH STAR DR

0710-112-1901-3
VERIDIAN HOMES FBB LLC
858 Jupiter Dr

0710-112-2502-8
MREC VH MADISON INVESTORS LLC
6033 Gemini Dr

0710-113-0906-2
SCHOENSTATT SISTERS OF MARY
5825 Cottage Grove Rd

STA 21+41 "WB", 97.2' L
SL8606 - MAINTAIN EXISTING

STA 20+73 "WB", 4.3' R
SL8605 - LC1 - 1A/1A - TYPE III

STA 22+04 "WB", 14.7' R
SL9462 - LC1 - 3A/3A - TYPE III

STA 89+31.2 "EB", 10.9' L
SL9463 - LC1 - 3A/4M - TYPE I

MATCHLINE STA 85+07

MATCHLINE STA 89+80

300.71'
N88°13'01"E

HH 4 HH 5 HH 6 HH 7 HH 8 HH 9 HH 10 HH 11 HH 12 HH 13 HH 14 HH 16 HH 17 HH 18 HH 19 HH80 HH85 HH86

TS #1 TS #2 TS #3 TS #4 TS #5 TS #6 TS #7 TS #8 TS #9 TS #10 TS #11 TS #12 TS #13 TS #14

TC1 LC1

(1) 3" PVC
(1) 1 1/4" PVC
(1) 2" PVC
(2) 3" PVC

L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L42 L43 L44 L45 L46

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-2	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

WISDOT/CADDS SHEET 42

2

GEMINI DR

STA 25+76.7 "WB", OFF 59.1' L
SL8608 - LC1 - 4M - TYPE I

0710-111-2618-5
1200 SOUTH LLC
6034 Gemini Dr

HH 20

HH 26

STA 25+43 "WB", 5.4' R
SL9464 - LC1 - 4M/3A - TYPE III

STA 26+68 "WB", 6' R
SL8609 - LC1 - 3A/4M - TYPE III

STA 28+57.5 "WB", 3.5' R
SL8610 - LC1 - 4M/3A - TYPE II

L20

26+49.01 PI

25+67.83 PI

HH 23

HH 25

COTTAGE GROVE ROAD

MATCHLINE STA 89+80

MATCHLINE STA 94+52

25+00 26+00 27+00 28+00

90+00 91+00 92+00 93+00 94+00

330.86'
S88°58'29"E

HH 22

91+59.76 PI

HH 21

HH 24

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-3	E

2

2

0710-111-2616-9
1200 SOUTH LLC
6010 Cottage Grove Rd

STA 30+42.9 "WB", 8.7' R
SL8611 - LC2 - 1A/2M - TYPE II

STA 32+30.3 "WB", 8.7' R
SL8612 - LC2 - 2M/1A - TYPE II

HH 27

HH 28

MATCHLINE STA 94+52

MATCHLINE STA 99+25

95+00 96+00 97+00 98+00 99+00

0710-114-0106-6
SEMOVSKI, NEDZMI
& NERMIN SEMOVSKI
6102 Fredericksburg Ln

0710-114-0105-8
HILL, KATHRYN D
& GREGORY J CIESLEWICZ
6106 Fredericksburg Ln

0710-114-0102-4
DICKRELL, ALAN & JOAN
6110 Fredericksburg Ln

SCALE: 1" = 30'

LEGEND

- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-4	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

2

2

0710-111-2613-5
MREC VH MADISON LLC
6107 Kilpatrick Ln

MCLEAN DR

STA 36+94.2 "WB", 94.5' L
SL8615 - MAINTAIN EXISTING

0710-111-0306-8
MREC VH MADISON LLC
6201 Kilpatrick Ln

0710-111-2615-1
GRANDVIEW COMMONS
HOMEOWNERS ASSN INC
6045 Big Dipper Dr

LC2
TC2
HH 36
HH 37
HH 39
TS#30
HH 44
TS #31
HH 32
RRRB
STA 36+35.6 "WB", 7.4' R
SL8614 - LC2 - 1A/1A - TYPE III
STA 34+10.9 "WB", 11' R
SL8613 - LC2 - 1A/2M - TYPE II
HH 31
HH 34
HH 30
HH 43
HH 41
HH 29
L47
L48
L49
L50
L51
L52
L53
L54
L57
L58
L59
L60
L61
MATCHLINE STA 99+25
MATCHLINE STA 103+97
34+00
35+00
36+00
37+00
36+17.99 PI
37+38.37 PI
102+52.34 PI
HH 33
TS #30
TS #29
HH 42
TS#29
HH 35
HH 38
HH 40
0710-114-0101-6
FRANK, LARRY D
& SANDRA J FRANK
6118 Fredericksburg Ln
0710-114-0103-2
FREMGEN, MARK R
DIANE M FREMGEN
6122 Fredericksburg Ln
0710-114-0104-0
VEITH-TESSMANN, DEBRA SUE
6126 Fredericksburg Ln
0710-114-0201-4
KAPKOE, SHERAB T
NAMGANG DOLMA
6202 Fredericksburg Ln

SCALE: 1" = 30'

LEGEND

- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-5	E

FILE NAME : $$....desIgnfile....$$ PLOT DATE : $$...plottIngdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

2

0710-111-0308-4
KEMPFER, BENJAMIN R
TARA L KEMPFER
6205 Kilpatrick Ln

0710-111-0309-2
VEGA, NICOLAS & TANYA A
& IMELDA VEGA
6207 Kilpatrick Ln

0710-111-0310-9
FIX, DANIEL L
LEAH J FIX
6209 Kilpatrick Ln

0710-111-0311-7
FAIT, PATRICK
CHELSEA FAIT
6211 Kilpatrick Ln

0710-111-0312-5
MACKLEM, TODD
SARAH MACKLEM
6213 Kilpatrick Ln

0710-111-0313-3
DICKRELL, ALAN L
JOAN H DICKRELL
6215 Kilpatrick Ln

HH 45

HH 46

L55

L56

STA 39+42 "WB", 15.1' R
SL9466 - LC2 - 4M/3A - TYPE II

STA 41+24.3 "WB", 11' R
SL9467 - LC2 - 3A/4M - TYPE II

MATCHLINE STA 103+97

COTTAGE GROVE ROAD

COTTAGE GROVE ROAD

MATCHLINE STA 108+70

N88°09'15"E

0710-114-0202-2
ANDERSON, GARY L
& NICHOLE R WILTZIUS
6206 Fredericksburg Ln

0710-114-0203-0
REPKA, RAQUEL A
BRIAN J BECKER
1 Fredericksburg Ct

0710-114-0204-8
FINGER, THOMAS J
& PAMELA A FINGER
5 Fredericksburg Ct

0710-114-0205-6
SEVERSIN, MICHAEL & LISA
9 Fredericksburg Ct

0710-114-1702-1
CHEN, YONG
& AMANDA LYNN CHEN
6221 Cottage Grove Rd

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

SCALE: 1" = 30'

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-6	E

FILE NAME : $$...designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

2

0710-111-0301-8
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6227 Kilpatrick Ln

0710-111-0201-0
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6319 Kilpatrick Ln

HH 50

HH 53

STA 44+74 "WB", 5.5' R
SL9469 - LC2 - 3A/3A - TYPE II

STA 43+14 "WB", 8.1' R
SL9468 - LC2 - 4M/3A - TYPE II

STA 46+06.2 "WB", 16' R
SL9470 - LC2 - 3A/3A - TYPE II

MATCHLINE STA 108+70

MATCHLINE STA 113+43

HH 49

HH 52

599.59'
N87°55'27"E

HH 48

HH 51

0710-114-1801-1
MAYWICK ESTATES CDM ASSN
ATTN TED FRANK
1001 Severson Dr #CDM

0710-114-1702-1
CHEN, YONG
& AMANDA LYNN CHEN
6221 Cottage Grove Rd

0710-114-1701-3
FIELDSTONE ESTATES LLC
1002 Severson Dr

SCALE: 1" = 30'

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-7	E

2

2

0710-111-9810-3
LYNCH, DANIEL J
3458 COUNTY HIGHWAY BB

0710-111-0201-0
BIRCHWOOD RIDGE CDMS ASSN
CONDO MGMT ASSOC LLC
6319 Kilpatrick Ln

STA 48+47 "WB", 10.8' R
SL9471 - LC2 - 3A/4M - TYPE II

STA 49+76.2 "WB", 16.6' R
SL9472 - LC2 - 4M/3A - TYPE II

STA 51+56.2 "WB", 9.1' R
SL9473 - LC2 - 3A/4M - TYPE II

MATCHLINE STA 113+43

MATCHLINE STA 118+18

COTTAGE GROVE ROAD

HH 54

HH 55

L21

L22

0710-114-8040-4
HOSKING, BRIAN C
3453 COUNTY HIGHWAY BB

0710-114-8030-6
GEHRKE, RENO K
LYNNE M GEHRKE
3449 COUNTY HIGHWAY BB

0710-114-0780-5
FIRST WISCONSIN NATL BANK
3461 COUNTY HIGHWAY BB

SCALE: 1" = 30'

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-8	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

WISDOT/CADDS SHEET 42

2

SCALE: 1" = 30'

0710-111-0205-2
STAGE TWO DEVELOPMENT LLC
6420 Cottage Grove Rd

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

MATCHLINE B

MATCHLINE STA 118+18

MATCHLINE STA 122+90

MATCHLINE A

HH 56
HH 57
HH 58
HH 59
HH 60
HH 61
HH 62
HH 63
HH 64
HH 65
HH 66
HH 69
HH 70
HH 71
HH 72
HH 78

TS #15
TS #16
TS #17
TS #18
TS #20
TS #21
TS #22
TS #23
TS #25
TS #26
TS #27
TS #28

LC3
TC3

L23
L24
L25
L26
L27
L28
L29
L30
L31
L32
L36
L37
L38
L39
L40
L41
L65

STA 53+36.2 "WB", 3.9' R
SL9474 - LC2 - 4M/3A - TYPE II

STA 55+16 "WB", 4.8' R
SL9475 - LC2 - 3A/3A - TYPE III

STA 56+45 "WB", 32.9' L
SL9476 - LC2 - 3A - TYPE III

SL 9476

What is the purpose of these loops?

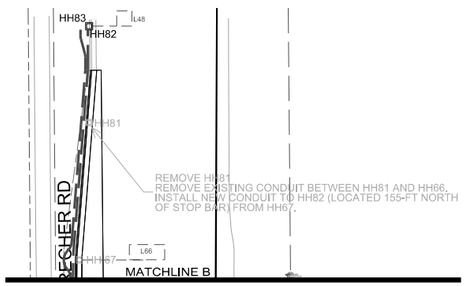
Loop #?
What is the purpose?

(1) - 2" SCH 40 PVC
(1) - 3" SCH 40 PVS (F.O.)

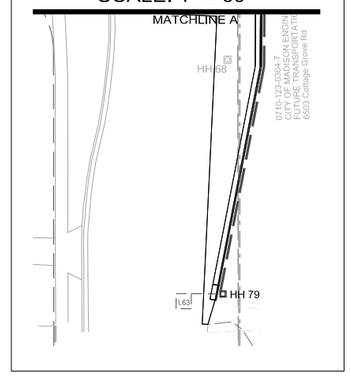
0710-114-8020-8
NEUHENGEN, RICHARD

0710-114-1808-7
PITTZ, BRADY MICHAEL
JACQUELINE NICOLE PITTZ

SB SPRECHER APPROACH
SCALE: 1" = 60'



NB SPRECHER APPROACH
SCALE: 1" = 60'



LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

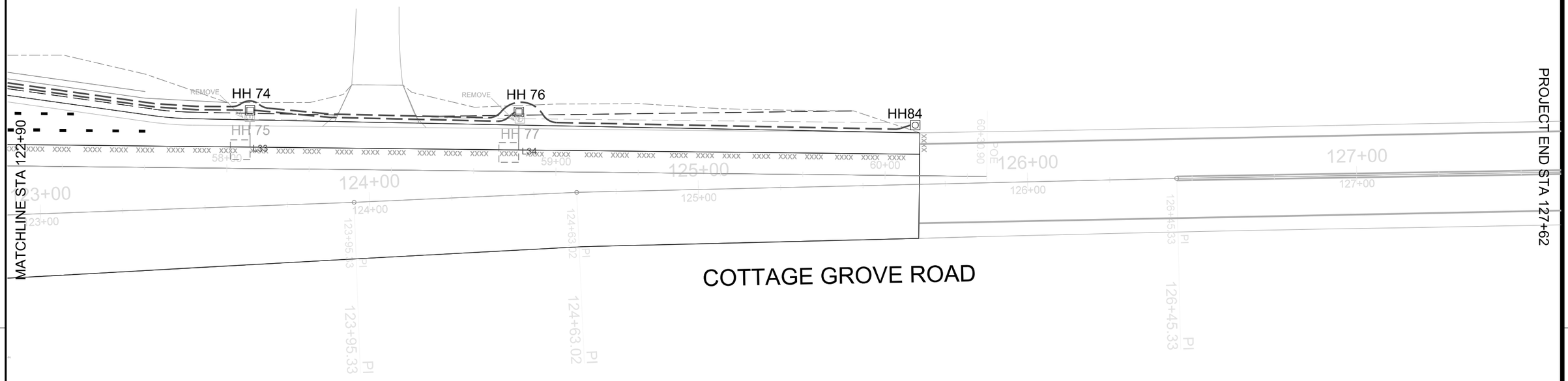
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-9	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

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0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

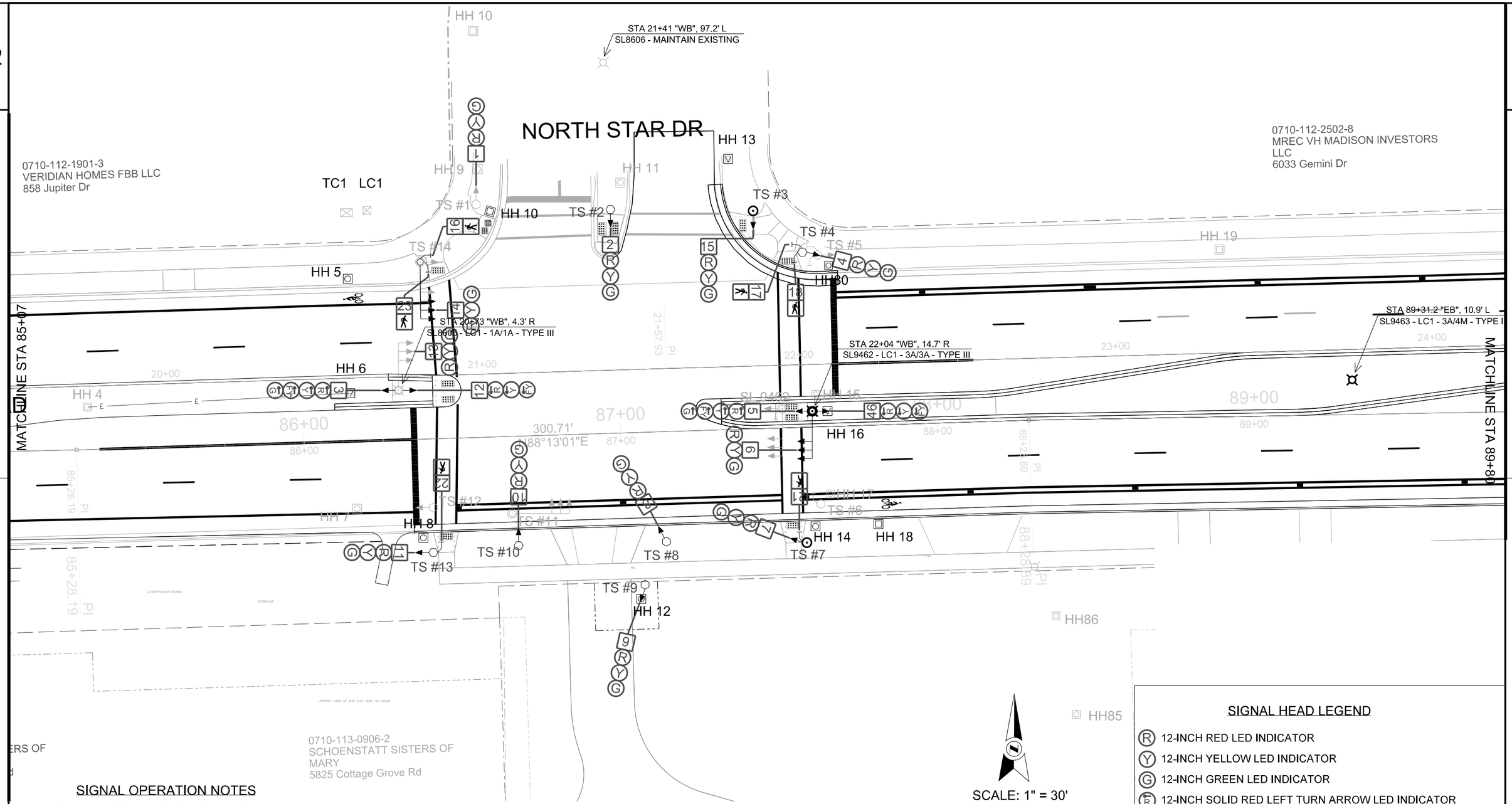


0710-123-0302-1
LOL555 HOLDINGS LLC
1011 S Sprecher Rd

LEGEND

- INSTALL TYPE G BASE
- INSTALL LB-3 BASE
- INSTALL LB-8 BASE
- INSTALL TYPE I HANDHOLE
- INSTALL TYPE III HANDHOLE
- INSTALL TYPE M CONTROLLER CABINET BASE
- INSTALL TYPE V HANDHOLE
- INSTALL 3" PVC CONDUIT (UNLESS NOTED OTHERWISE)
- INSTALL 2" PVC STREET LIGHT CONDUIT
- EXISTING TYPE G BASE
- EXISTING LB-3 BASE
- EXISTING LB-8 BASE
- EXISTING TYPE I HANDHOLE
- EXISTING TYPE III HANDHOLE
- EXISTING TYPE M CONTROLLER CABINET BASE

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS ELECTRICAL PLANS	SHEET E-10	E



SCALE: 1" = 30'

SIGNAL HEAD LEGEND

- (R) 12-INCH RED LED INDICATOR
- (Y) 12-INCH YELLOW LED INDICATOR
- (G) 12-INCH GREEN LED INDICATOR
- (R) 12-INCH SOLID RED LEFT TURN ARROW LED INDICATOR
- (Y) 12-INCH SOLID YELLOW LEFT TURN ARROW LED INDICATOR
- (FY) 12-INCH FLASHING YELLOW LEFT TURN ARROW LED INDICATOR
- (G) 12-INCH SOLID GREEN LEFT TURN ARROW INDICATOR
- 16-INCH PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN
- (#) SIGNAL HEAD NUMBER

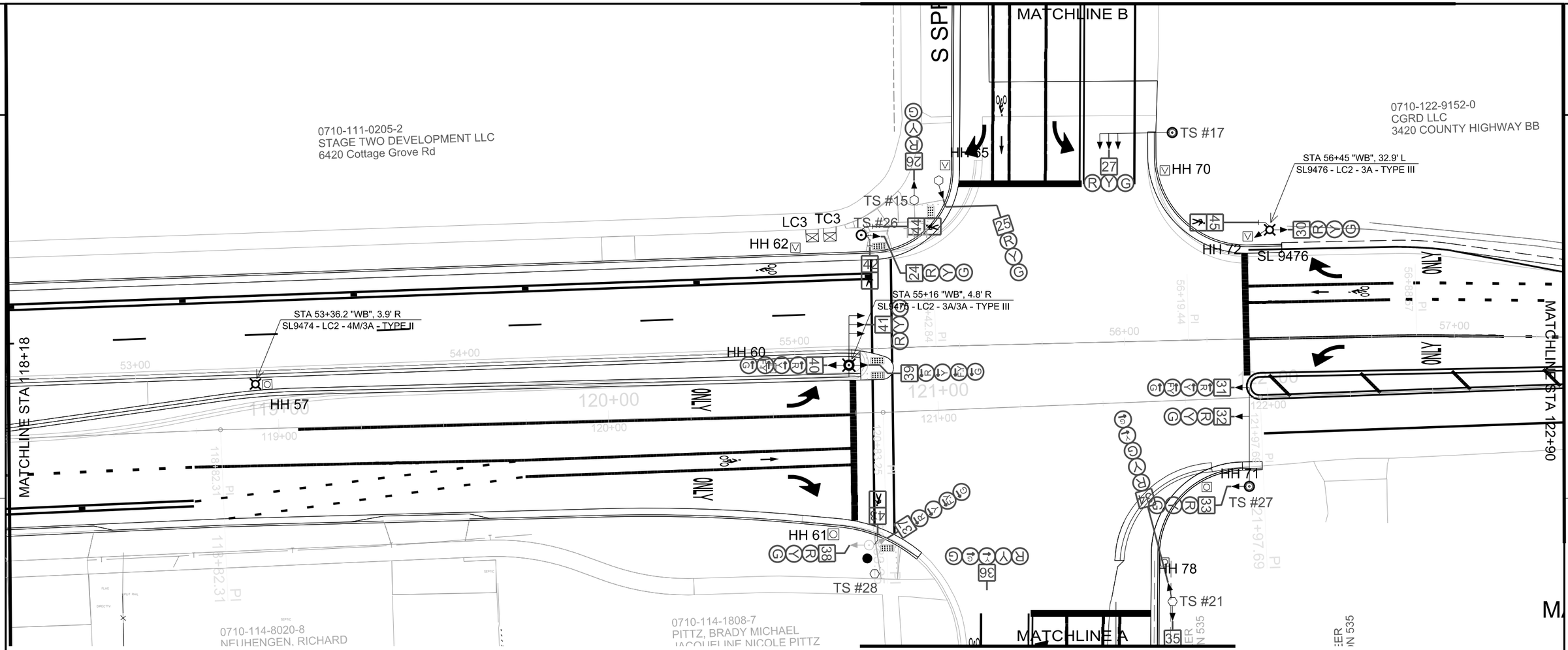
SIGNAL OPERATION NOTES

PHASE 2: EB COTTAGE GROVE ROAD
PHASE 4: NB PRIVE DRIVE & SB NORTH STAR DR.
PHASE 5: EBLT COTTAGE GROVE ROAD
PHASE 6: WB COTTAGE GROVE ROAD

EBLT FLASHING YELLOW ARROW WITH PHASE 6

PED PHASE 4: CROSSING COTTAGE GROVE ROAD (EAST & WEST LEG)
PEDESTRIAN PUSH BUTTONS ON: TS14, SL8605, TS13, TS4, SL9462, TS7
PED PHASE 6: CROSSING NORTH STAR DR.
PHASE RECALLED

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TRAFFIC SIGNAL - COTTAGE GROVE RD. & NORTH STAR DR.	SHEET E-11	E



TRAFFIC SIGNAL NOTES

PHASE1: WBLT COTTAGE GROVE ROAD
PHASE 2: EB COTTAGE GROVE ROAD
PHASE 4: SB SPRECHER ROAD
PHASE 5: EBLT COTTAGE GROVE ROAD
PHASE 6: WB COTTAGE GROVE ROAD
PHASE 7: SBLT COTTAGE GROVE ROAD
PHASE 8: NB COTTAGE GROVE ROAD

WB FLASHING YELLOW ARROW WITH PHASE 2
EB FLASHING YELLOW ARROW WITH PHASE 6

PED PHASE 4: CROSSING COTTAGE GROVE ROAD (WEST LEG)
PED BUTTONS ON: TS26, SL9475, TS28
PED PHASE 6: CROSSING SPRECHER ROAD (NORTH LEG)
PED BUTTONS ON: TS15, SL9476

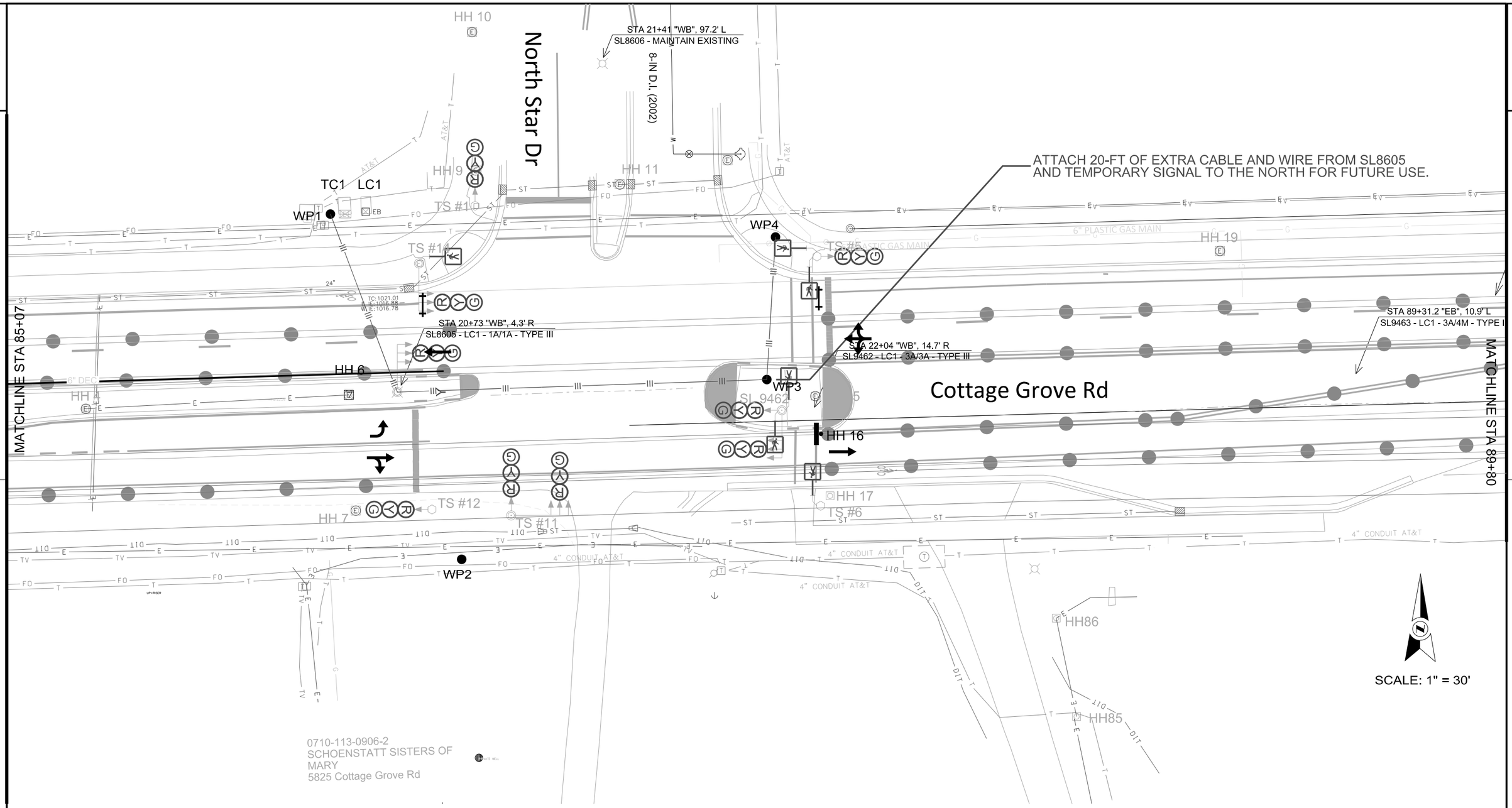
SCALE: 1" = 30'

SIGNAL HEAD LEGEND

- (R) 12-INCH RED LED INDICATOR
- (Y) 12-INCH YELLOW LED INDICATOR
- (G) 12-INCH GREEN LED INDICATOR
- (FR) 12-INCH SOLID RED LEFT TURN ARROW LED INDICATOR
- (FY) 12-INCH SOLID YELLOW LEFT TURN ARROW LED INDICATOR
- (FFY) 12-INCH FLASHING YELLOW LEFT TURN ARROW LED INDICATOR
- (FG) 12-INCH SOLID GREEN LEFT TURN ARROW INDICATOR
- [ ] 16-INCH PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN
- [#] SIGNAL HEAD NUMBER

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TRAFFIC SIGNAL - COTTAGE GROVE RD. & SPRECHER RD.	SHEET E-12	E

2

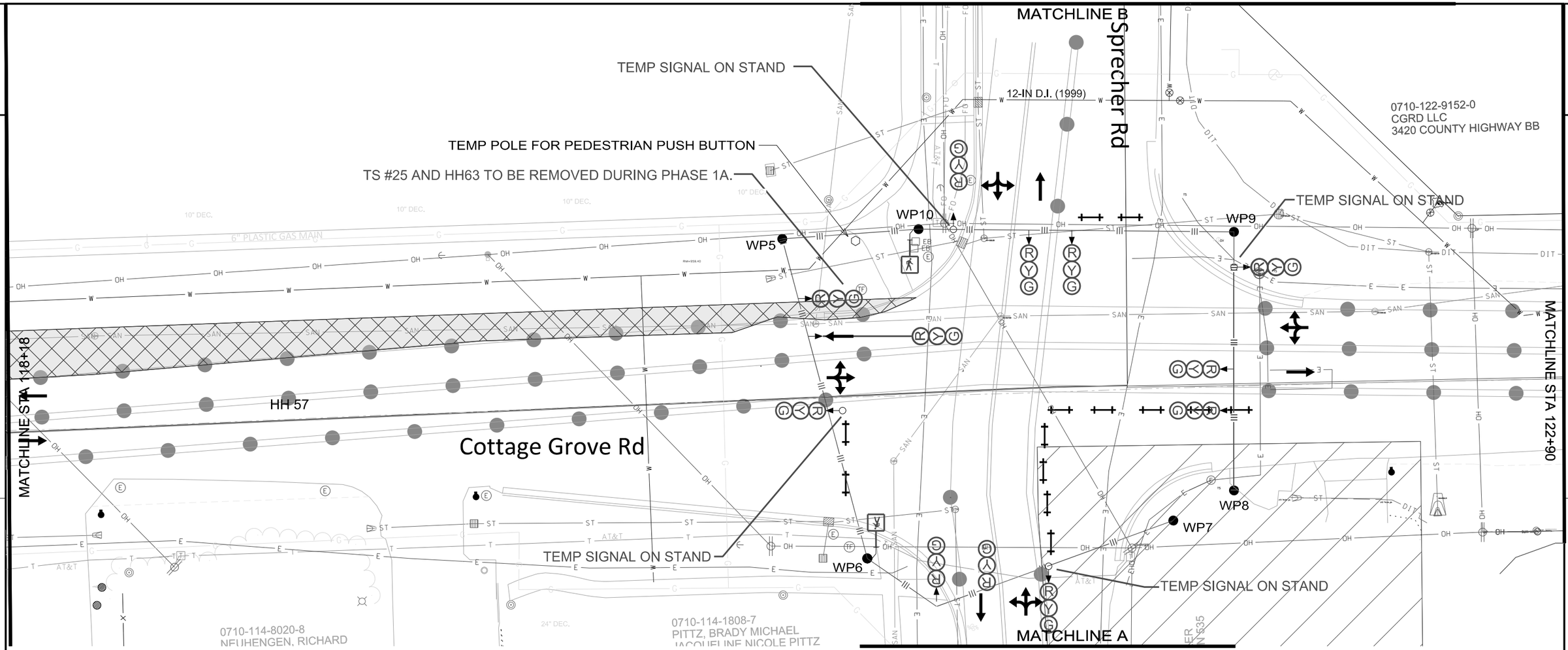


SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. PHASE 1 SHALL USE EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS.
2. WOOD POLES AND OVERHEAD CABLES ARE TO BE INSTALLED FOR PREPARATION FOR UPCOMING TRAFFIC CONTROL PHASES.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 1 - NORTH STAR DRIVE	SHEET E-13	E

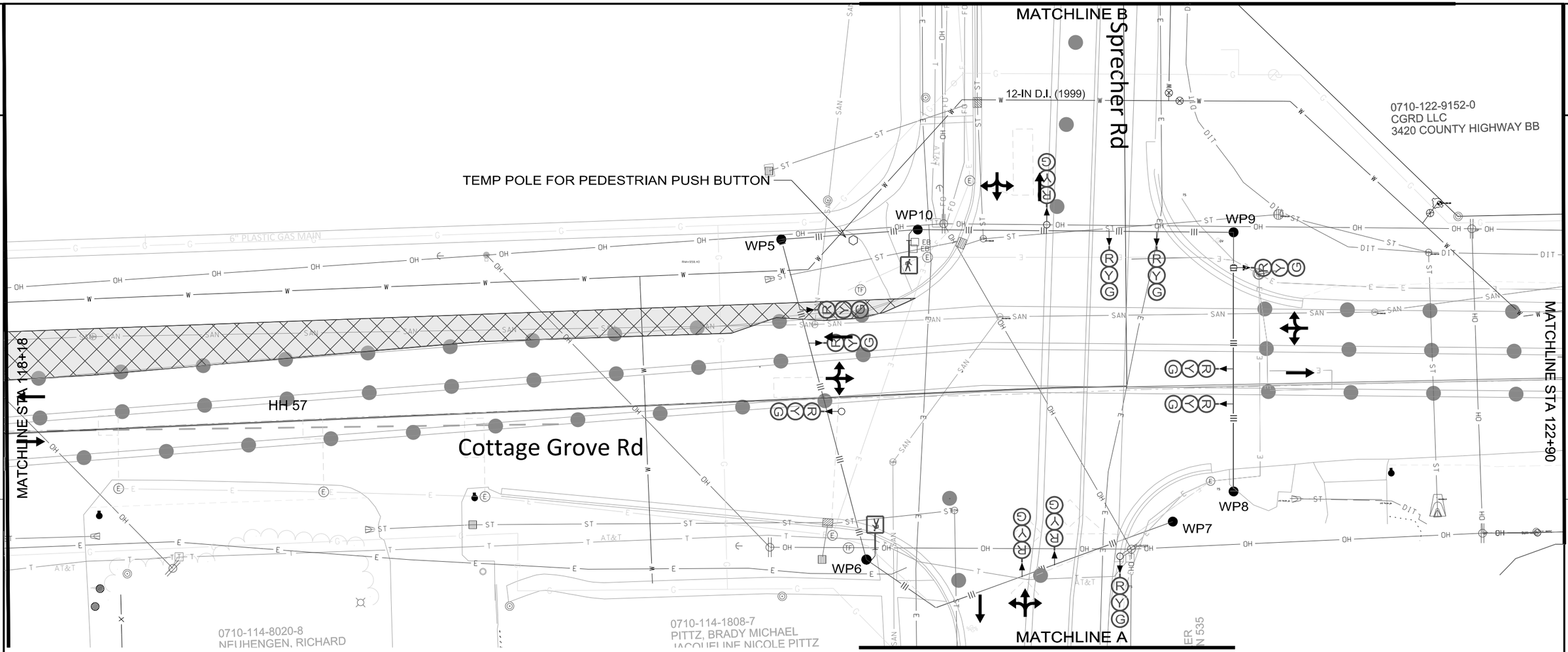


SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. INSTALL WOOD POLES #5 THROUGH #10 AND INSTALL OVERHEAD CABLES AS SHOWN.
2. INSTALL SIGNAL HEADS FROM CABLES AS SHOWN ON ON PLAN.
3. PROVIDE MOVABLE SIGNALS MOUNTED TO POLES.
4. SIGNALHEADS FOR OTHER PHASES SHALL BE BAGGED.
5. PROVIDE TEMPORARY POLE FOR PEDESTRIAN PUSH BUTTON ON NORTHWEST CORNER AS SHOWN.
6. PROVIDE PEDESTRIAN SIGNAL ON WP6 AND WP10 AS SHOWN.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 1A - SPRECHER ROAD	SHEET E-14	E



SCALE: 1" = 30'

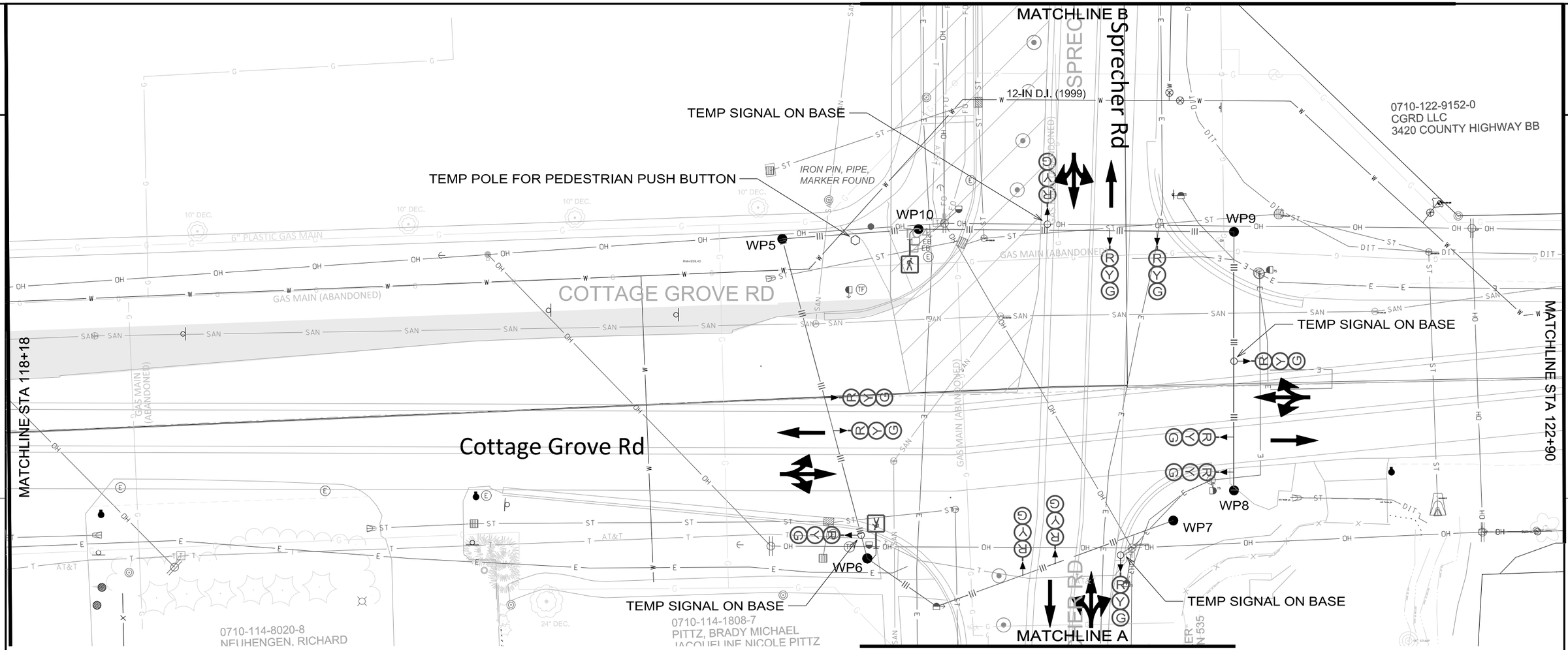
TEMPORARY SIGNAL NOTES

1. SIGNALHEADS FOR OTHER PHASES SHALL BE BAGGED.
2. CONFORM TO MUTCD SIGNAL PLACEMENT REQUIREMENTS DURING TRAFFIC SHIFTS.
3. PROVIDE TEMPORARY POLE FOR PEDESTRIAN PUSH BUTTON ON NORTHWEST CORNER AS SHOWN.
4. PROVIDE PEDESTRIAN SIGNALS ON WP6 AND WP10 AS SHOWN.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 1B - SPRECHER ROAD	SHEET E-15	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

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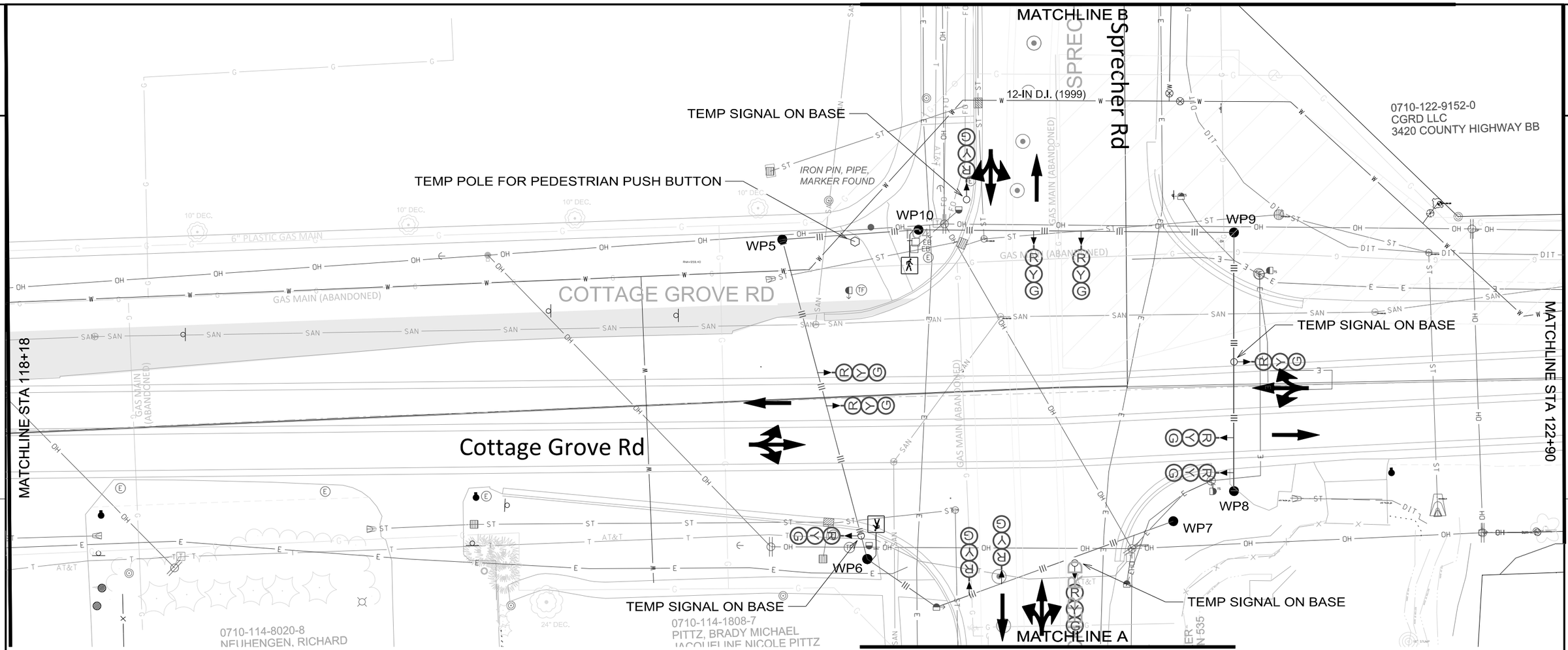


SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. SIGNALHEADS FOR OTHER PHASES SHALL BE BAGGED.
2. CONFORM TO MUTCD SIGNAL PLACEMENT REQUIREMENTS DURING TRAFFIC SHIFTS.
3. PROVIDE TEMPORARY POLE FOR PEDESTRIAN PUSH BUTTON ON NORTHWEST CORNER AS SHOWN.
4. PROVIDE PEDESTRIAN SIGNAL HEADS ON WP6 AN WP10

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 1C - SPRECHER ROAD	SHEET E-16	E



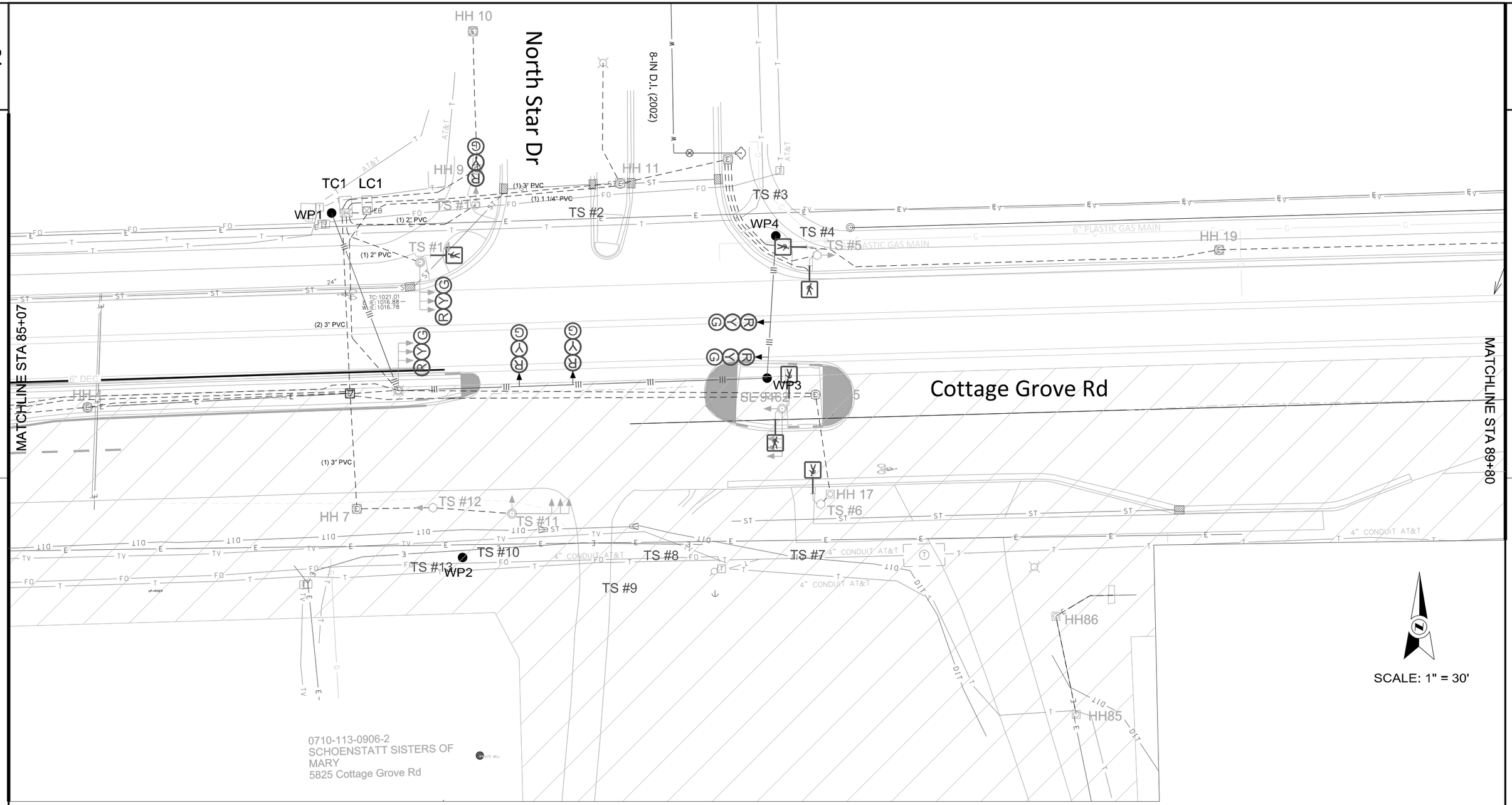
SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. SIGNALHEADS FOR OTHER PHASES SHALL BE BAGGED.
2. CONFORM TO MUTCD SIGNAL PLACEMENT REQUIREMENTS DURING TRAFFIC SHIFTS.
3. PROVIDE TEMPORARY POLE FOR PEDESTRIAN PUSH BUTTON ON NORTHWEST CORNER AS SHOWN.
4. PROVIDE PEDESTRIAN SIGNALS ON WP6 AND WP10 AS SHOWN.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 1D - SPRECHER ROAD	SHEET E-17	E

2



SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. PHASE 1 SHALL USE EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS.
2. BAG ANY UNUSED SIGNAL HEADS.
3. UTILIZE EXISTING PEDESTRIAN SIGNALS.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 2 - NORTH STAR DRIVE	SHEET E-18	E

2

MATCHLINE B

Sprecher Rd

12-IN D.I. (1999)

TEMP SIGNAL ON BASE

TEMP POLE WITH PEDESTRIAN PUSH BUTTON

IRON PIN, PIPE, MARKER FOUND

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

WP10

WP9

WP5

TEMP SIGNAL ON BASE

6" PLASTIC GAS MAIN

GAS MAIN (ABANDONED)

COTTAGE GROVE RD

MATCHLINE STA 118+18

MATCHLINE STA 122+90

Cottage Grove Rd

WP8

WP7

WP6

TEMP SIGNAL ON BASE

TEMP SIGNAL ON BASE

0710-114-8020-8
NEUHENGEN, RICHARD

0710-114-1808-7
PITTZ, BRADY MICHAEL
JACQUELINE NICOLE PITTZ

MATCHLINE A

SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. SIGNALHEADS FOR OTHER PHASES SHALL BE BAGGED.
2. CONFORM TO MUTCD SIGNAL PLACEMENT REQUIREMENTS DURING TRAFFIC SHIFTS.
3. PROVIDE POLE FOR PEDESTRIAN PUSH BOTTON ON NORTHWEST CORNER AS SHOWN.
4. PROVIDE PEDESTRIAN SIGNAL HEADS ON WP 6 AND WP10

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 2 - SPRECHER ROAD	SHEET E-19	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

2

MATCHLINE B

Sprecher Rd

12-IN D.I. (1999)

TEMP SIGNAL ON BASE

0710-122-9152-0
CGRD LLC
3420 COUNTY HIGHWAY BB

IRON PIN, PIPE, MARKER FOUND

TEMP POLE WITH PEDESTRIAN PUSHBUTTON

WP10

WP9

WP5

TEMP SIGNAL ON BASE

COTTAGE GROVE RD

MATCHLINE STA 118+18

MATCHLINE STA 122+90

Cottage Grove Rd

WP8

WP7

WP6

TEMP SIGNAL ON BASE

TEMP SIGNAL ON BASE

0710-114-1808-7
PITTZ, BRADY MICHAEL
JACQUELINE NICOLE PITTZ

0710-114-8020-8
NEUHENGEN, RICHARD

MATCHLINE A

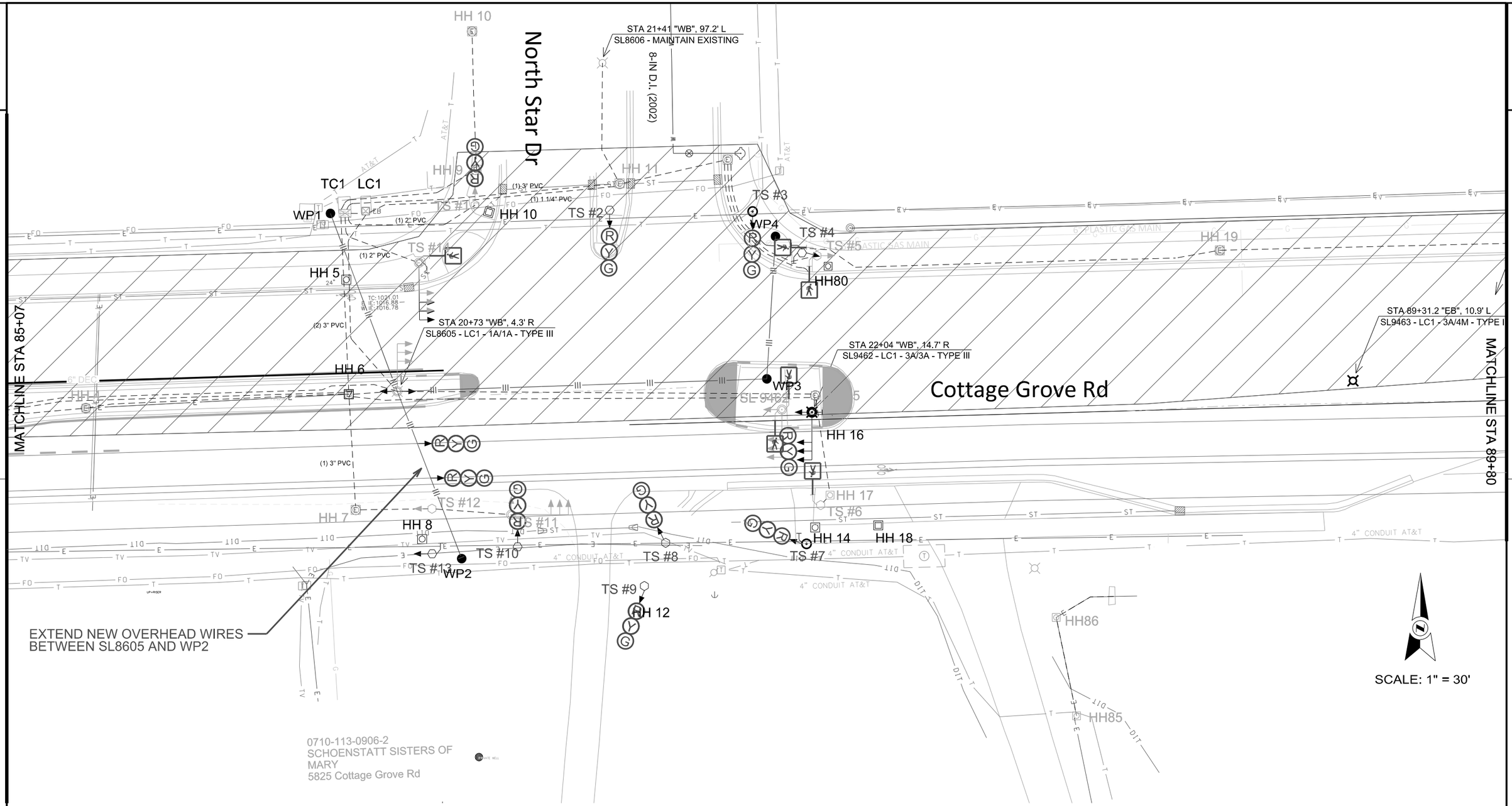
SCALE: 1" = 30'

TEMPORARY SIGNAL NOTES

1. SIGNALHEADS FOR OTHER PHASES SHALL BE BAGGED.
2. CONFORM TO MUTCD SIGNAL PLACEMENT REQUIREMENTS DURING TRAFFIC SHIFTS.
3. PROVIDE PEDESTRIAN PUSH BUTTONS FOR WALK CROSSING COTTAGE GROVE ROAD ON WP6, AND ON NORTHWEST CORNER AS SHOWN.

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 3 - SPRECHER ROAD	SHEET E-20	E

2

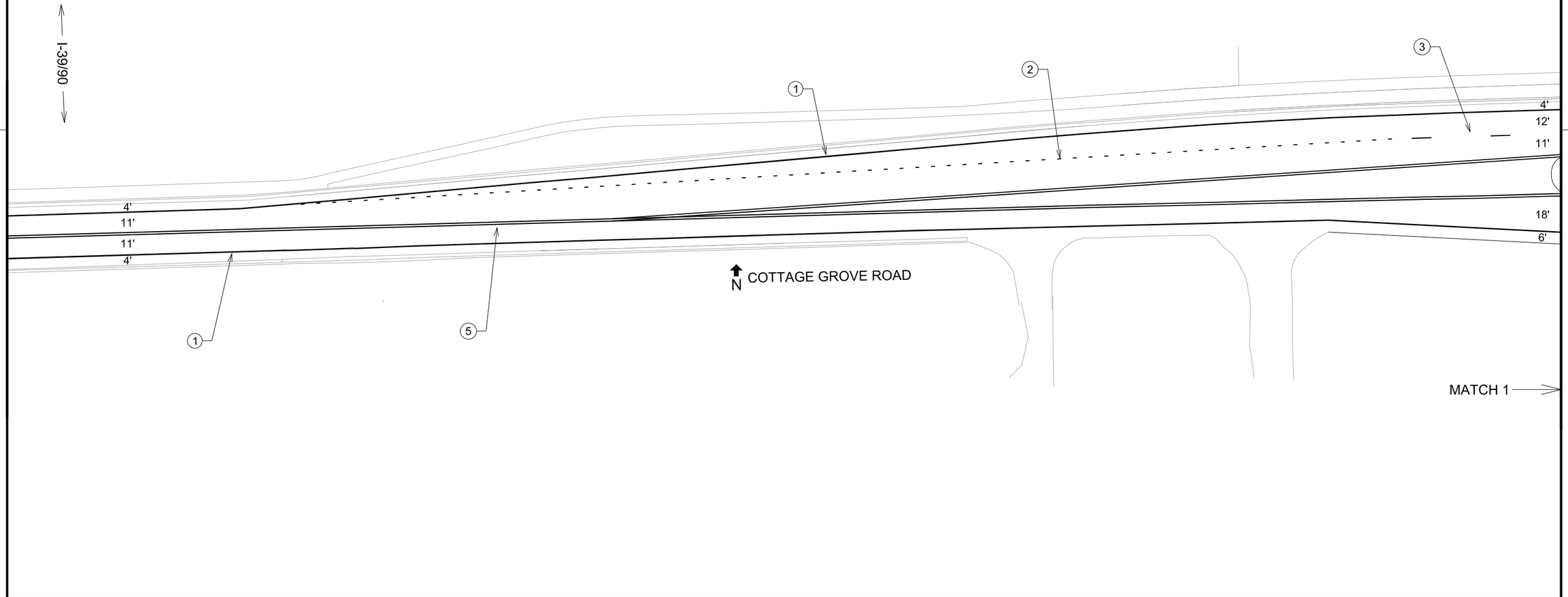


TEMPORARY SIGNAL NOTES

1. EXTEND OVERHEAD CABLE FROM SL8605 TO WP2 FOR WB TRAVEL LANES.
2. BAG ANY UNUSED SIGNAL HEADS.
3. UTILIZE NEW SIGNALS ON SOUTH SIDE OF STREET.

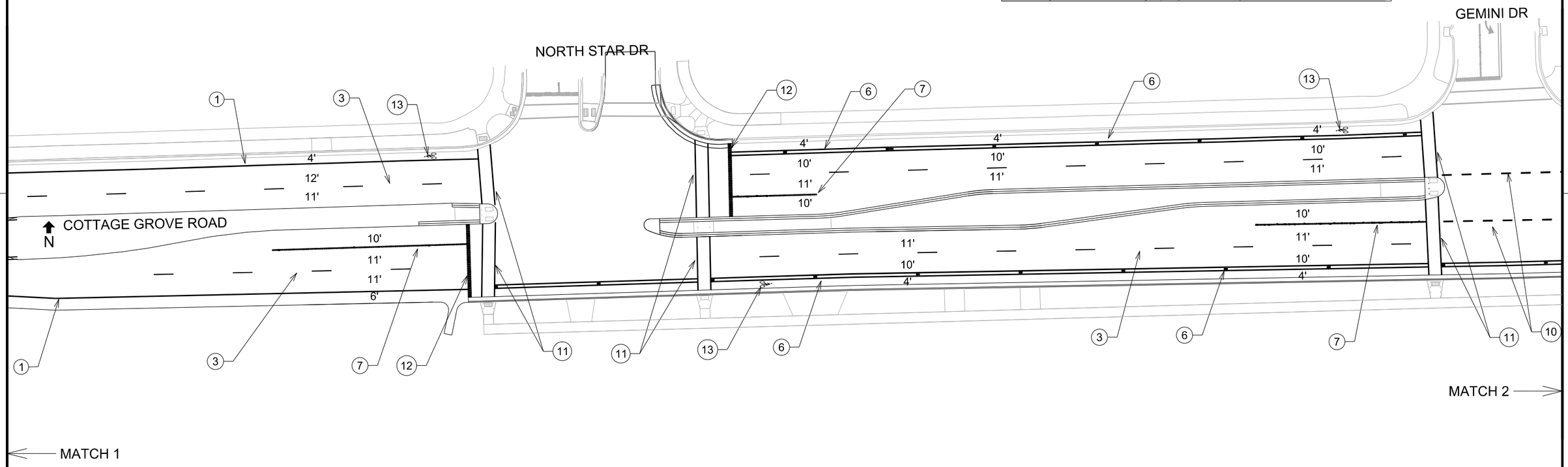
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	PLAN DETAILS TEMP SIGNAL PHASE 3 - NORTH STAR DRIVE	SHEET E-21	E

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, 4-Inch White Skips, (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 4-Inch White Skips, (5' Line, 5' Gap)
5	Pavement Marking Epoxy, 4-Inch Double Yellow
6	Pavement Marking Epoxy, 4-Inch White 2' Wide Buffered Bike Lane
7	Pavement Marking Epoxy, 8-Inch Solid White
8	Pavement Marking Epoxy, 8-Inch Solid Yellow
9	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
10	Pavement Marking Epoxy, 8-Inch White Skips, (5' Line, 5' Gap)
11	Pavement Marking Epoxy, Crosswalk, 6-Inch
12	Pavement Marking Epoxy, Stop Line, 18-Inch
13	Pavement Marking Epoxy, Symbol, Bike Lane
14	Pavement Marking Epoxy, Symbol, Bike Straight Arrow
15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only



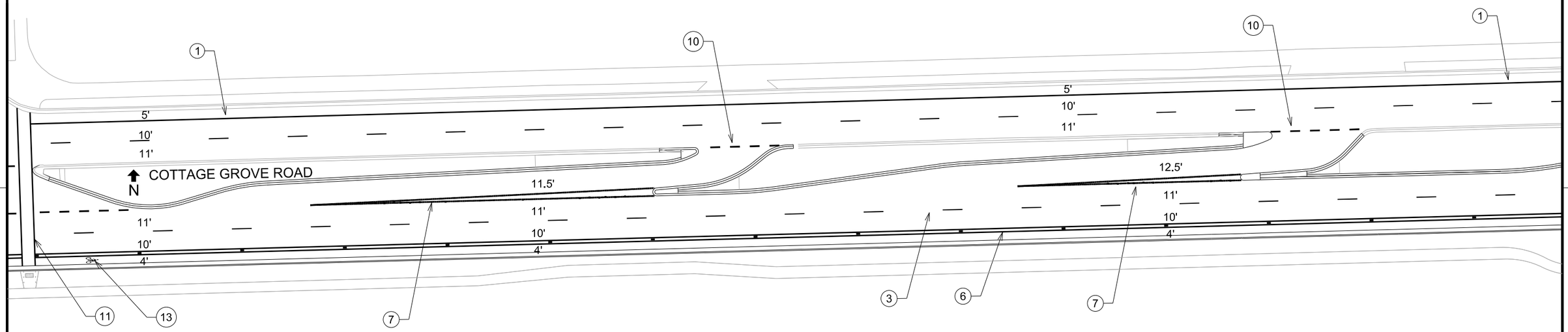
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

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, 4-Inch White Skips, (10' Line, 30' Gap)
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14	Pavement Marking Epoxy, Symbol, Bike Straight Arrow
15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

2



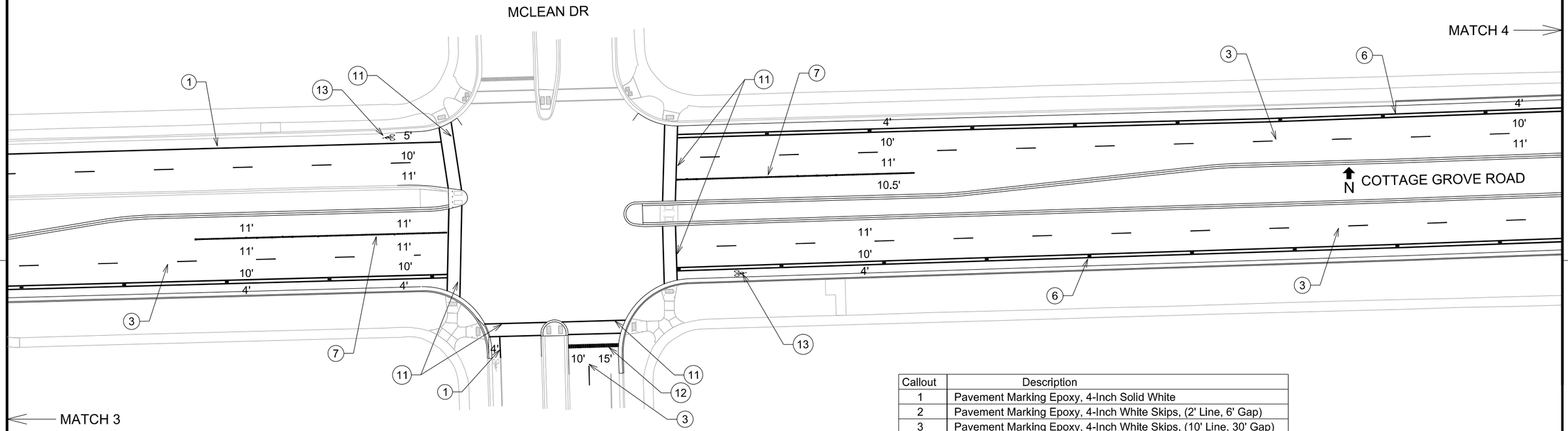
MATCH 2

MATCH 3

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, 4-Inch White Skips, (10' Line, 30' Gap)
4	Pavement Marking Epoxy, 4-Inch White Skips, (5' Line, 5' Gap)
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6	Pavement Marking Epoxy, 4-Inch White 2' Wide Buffered Bike Lane
7	Pavement Marking Epoxy, 8-Inch Solid White
8	Pavement Marking Epoxy, 8-Inch Solid Yellow
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14	Pavement Marking Epoxy, Symbol, Bike Straight Arrow
15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

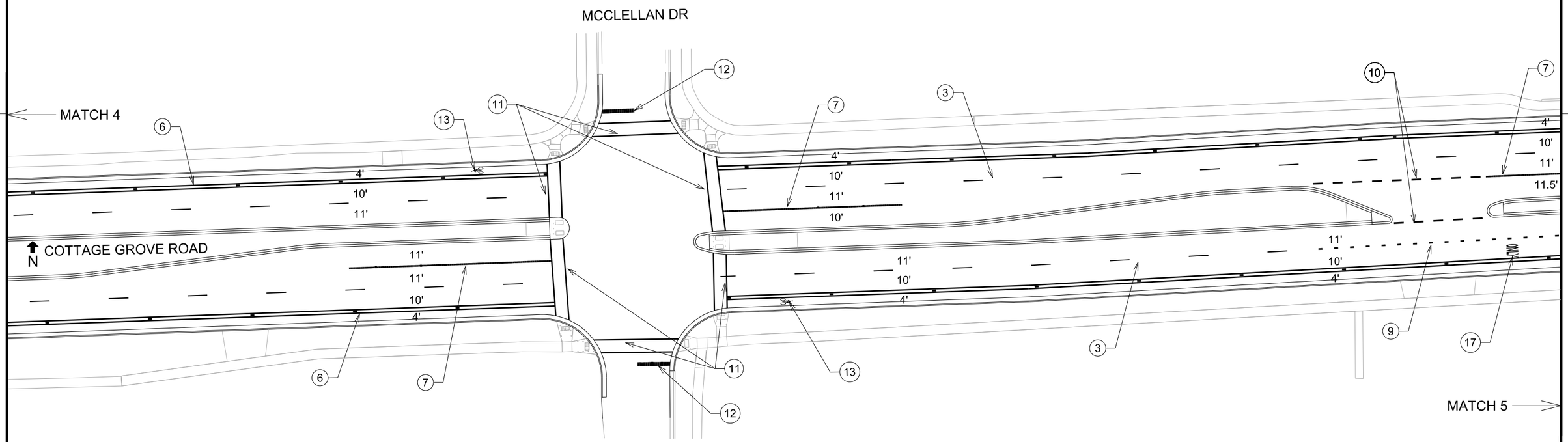
2



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, 4-Inch White Skips, (10' Line, 30' Gap)
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14	Pavement Marking Epoxy, Symbol, Bike Straight Arrow
15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only

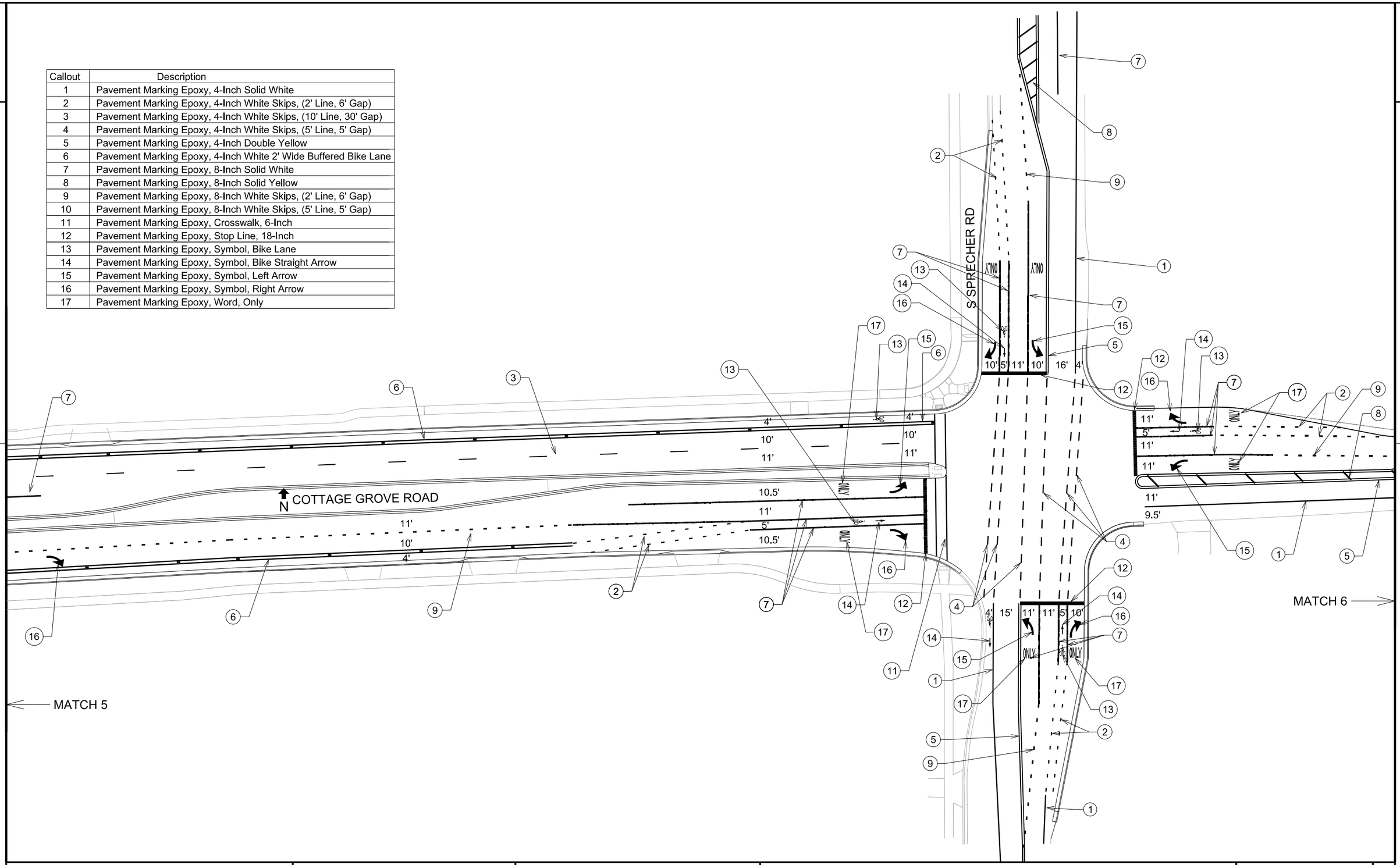
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

Callout	Description
1	Pavement Marking Epoxy, 4-Inch Solid White
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15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only



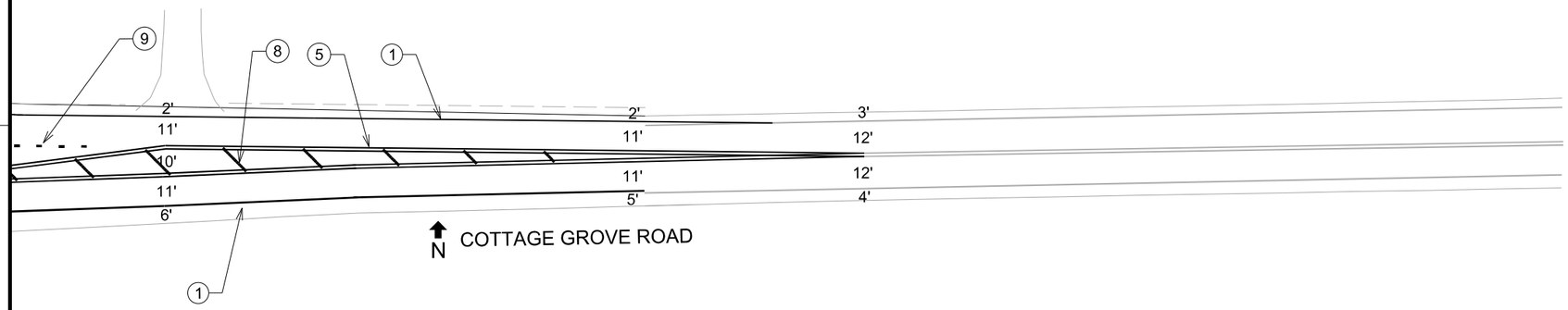
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

Callout	Description
1	Pavement Marking Epoxy, 4-Inch Solid White
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14	Pavement Marking Epoxy, Symbol, Bike Straight Arrow
15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

Callout	Description
1	Pavement Marking Epoxy, 4-Inch Solid White
2	Pavement Marking Epoxy, 4-Inch White Skips, (2' Line, 6' Gap)
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14	Pavement Marking Epoxy, Symbol, Bike Straight Arrow
15	Pavement Marking Epoxy, Symbol, Left Arrow
16	Pavement Marking Epoxy, Symbol, Right Arrow
17	Pavement Marking Epoxy, Word, Only



MATCH 6

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PAVEMENT MARKING PLAN - COTTAGE GROVE RD.	SHEET	E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

Do we need all the white tape for edgelines? do we need drums in the existing median if working on the outside.

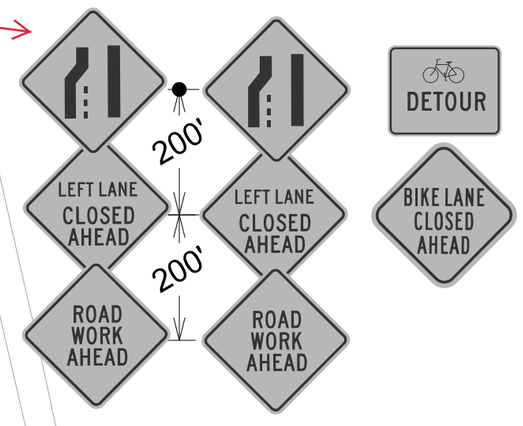
are we taking a lane? Seems like there is only one lane.

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

MATCH 1
PHASE 1A



Remove 2x6 dashed line

END ROAD WORK

I-39/90

Cottage Grove Rd

I-39/90

1

2

1

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

2

2

MATCH 1
PHASE 1A

Remove 2x6 dashed line

Begin removal of 4" line

Remove 10x30 dashed line

Remove 4" line

1

2

1

Cottage Grove Rd

MATCH 2
PHASE 1A

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

2

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

2

ROAD WORK AHEAD

ROAD WORK AHEAD

North Star Dr

Gemini Dr

ONLY

Remove 10x30 dashed line

Remove 4" line

Remove 4" line

Remove 4" line

1

1

Cottage Grove Rd

MATCH 2
PHASE 1A

MATCH 3
PHASE 1A

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD

Remove 4" line

Remove 10x30 dashed line

1

Cottage Grove Rd

McLean Dr

Remove 4" line

Remove 4" line

Remove double yellow line

Remove 10x30 dashed line

Remove 2x6 dashed line

2

2

1

MATCH 4
PHASE 1A

MATCH 5
PHASE 1A

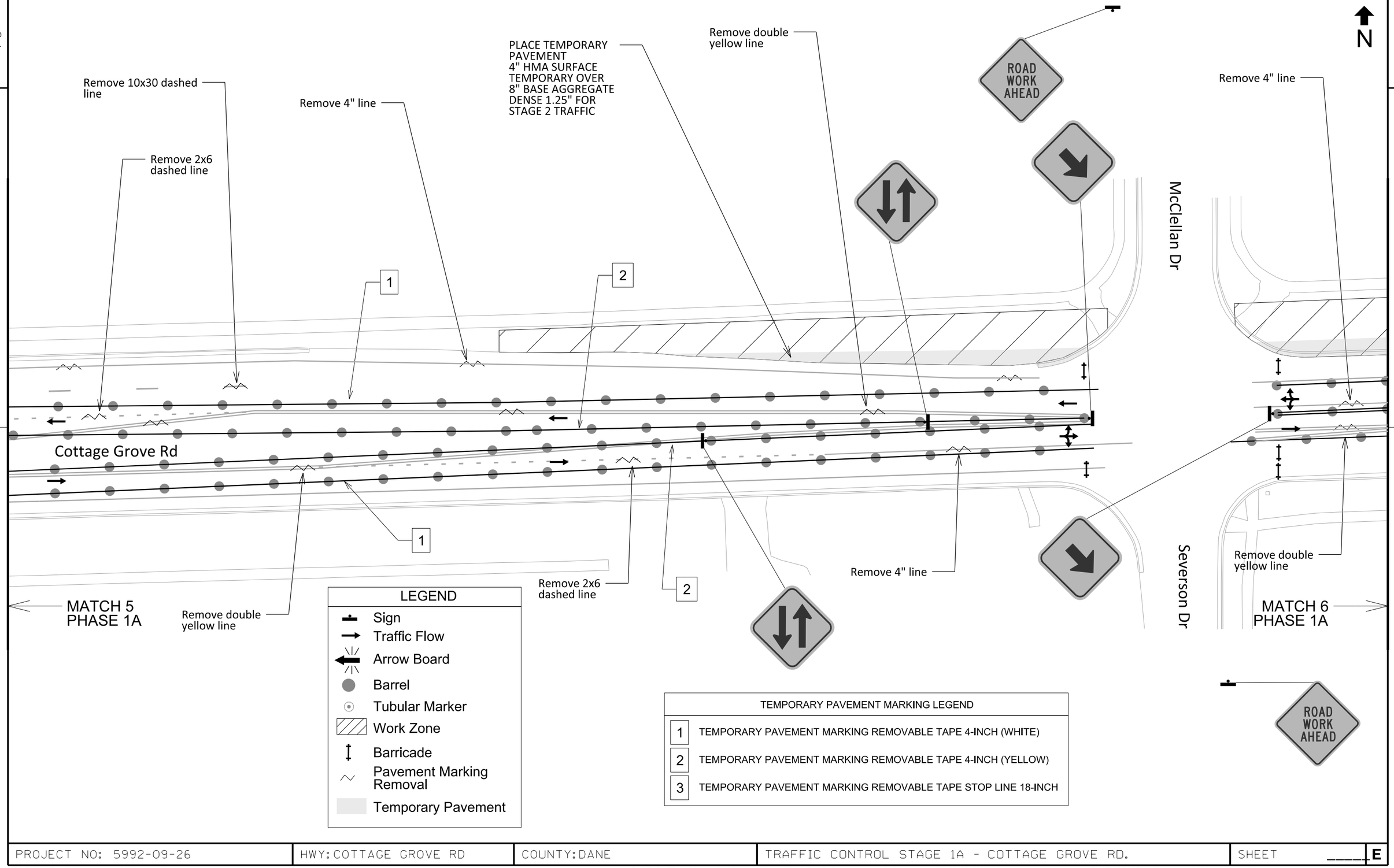
ROAD WORK AHEAD

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E



LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

2

N

PLACE TEMPORARY PAVEMENT 4" HMA SURFACE TEMPORARY OVER 8" BASE AGGREGATE DENSE 1.25" FOR STAGE 2 TRAFFIC

Remove 2x6 dashed line

Remove 4" line

Remove double yellow line

Remove 4" line

Remove 2x6 dashed line

1

2

Cottage Grove Rd

1

Remove double yellow line

MATCH 6
PHASE 1A

MATCH 7
PHASE 1A

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

PLACE TEMPORARY PAVEMENT 4" HMA SURFACE TEMPORARY OVER 8" BASE AGGREGATE DENSE 1.25" FOR STAGE 2 TRAFFIC

Remove 8" line

Remove 4" line

Remove double yellow line

Remove 4" line

Sprecher Rd

Cottage Grove Rd

Remove 5x5 dashed line

Remove double yellow line

Remove ONLY

Remove 8" line

Remove left arrow

Remove 8" line

Remove ONLY

Remove left arrow

Remove double yellow line

Remove 5x5 dashed line

Remove double yellow line

Remove 8" line

Remove 8" line

Remove 5x5 dashed line

TEMPORARY PAVEMENT MARKING LEGEND

1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

N

MATCH 7 PHASE 1A

MATCH 8 PHASE 1A

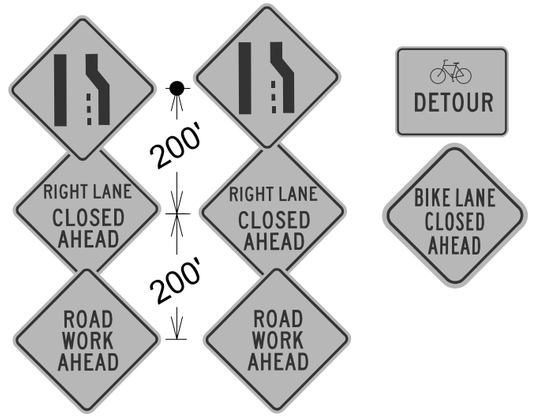
LEGEND

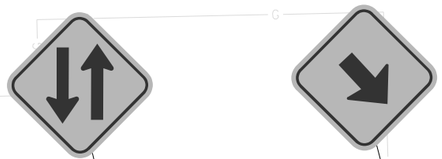
- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

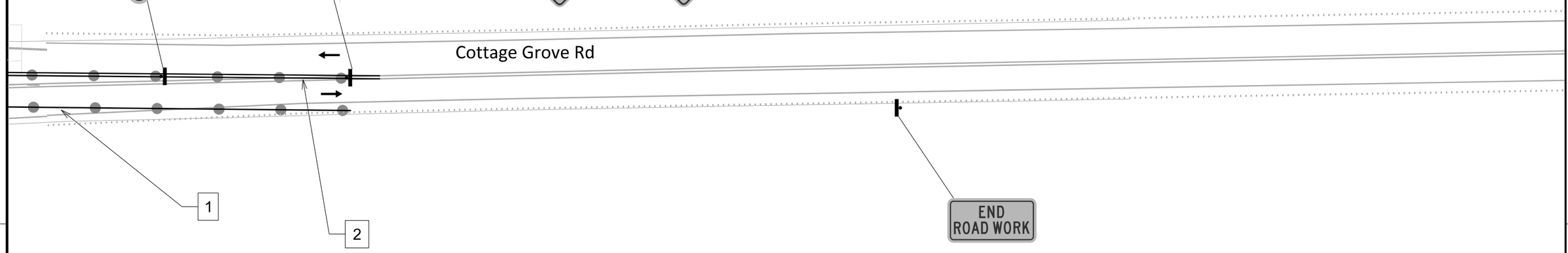
ROAD WORK AHEAD

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E

Are you taking a lane or shifting?





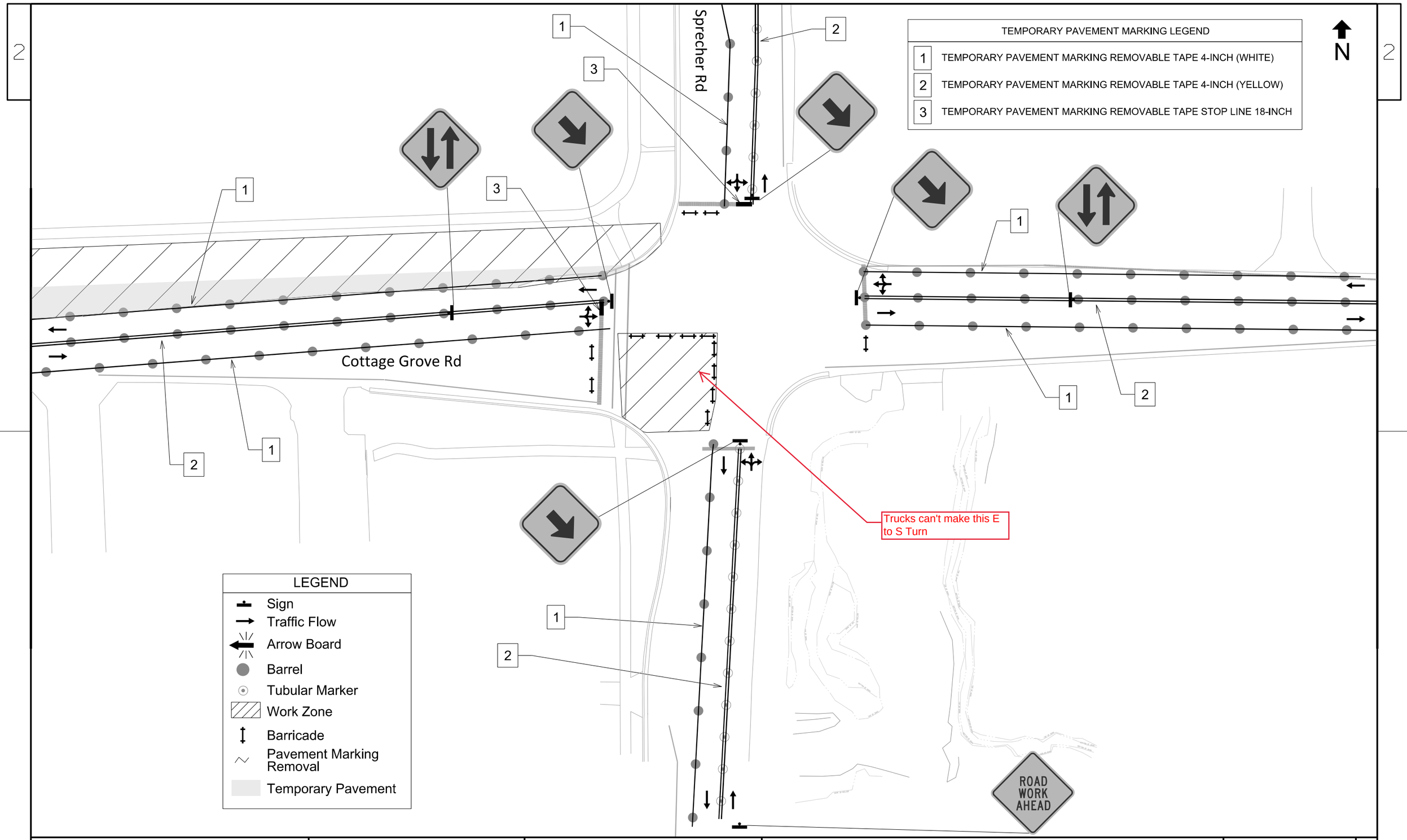


MATCH 8
PHASE 1A

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1A - COTTAGE GROVE RD.	SHEET _____ E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1B - COTTAGE GROVE RD.	SHEET _____ E

2

Sprecher Rd

Cottage Grove Rd

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

N

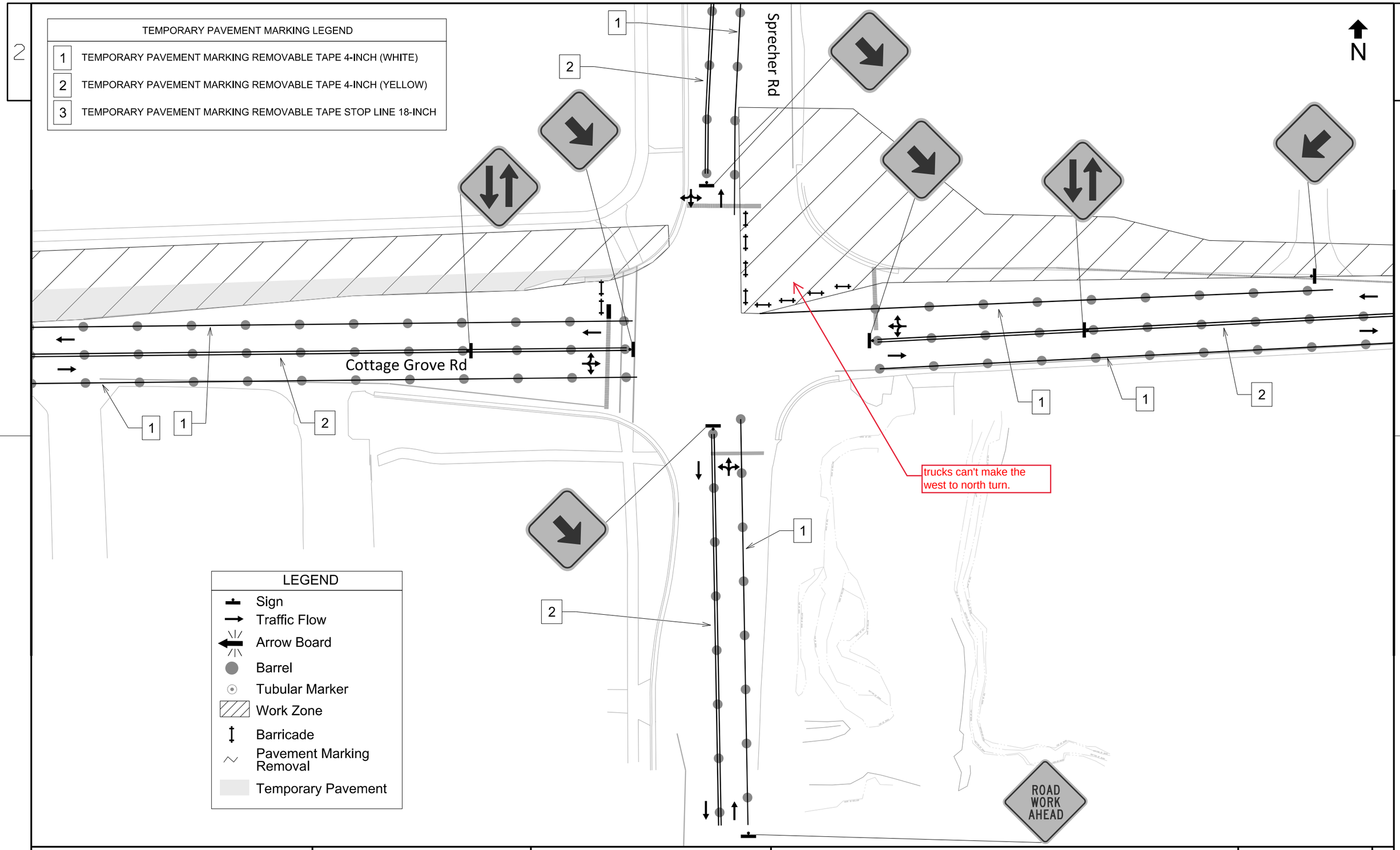
Trucks can't make the S to W turn

ROAD WORK AHEAD

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1C - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Barricade
	Pavement Marking Removal
	Temporary Pavement

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 1D - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

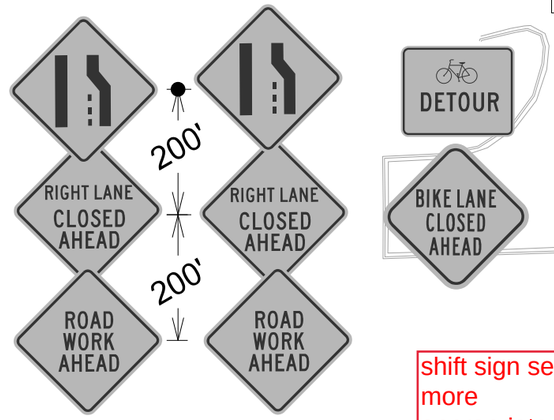
- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

2

2

MATCH 1
PHASE 2





shift sign seems more appropriate.

END ROAD WORK

I-39/90

Cottage Grove Rd

I-39/90

2

1

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E

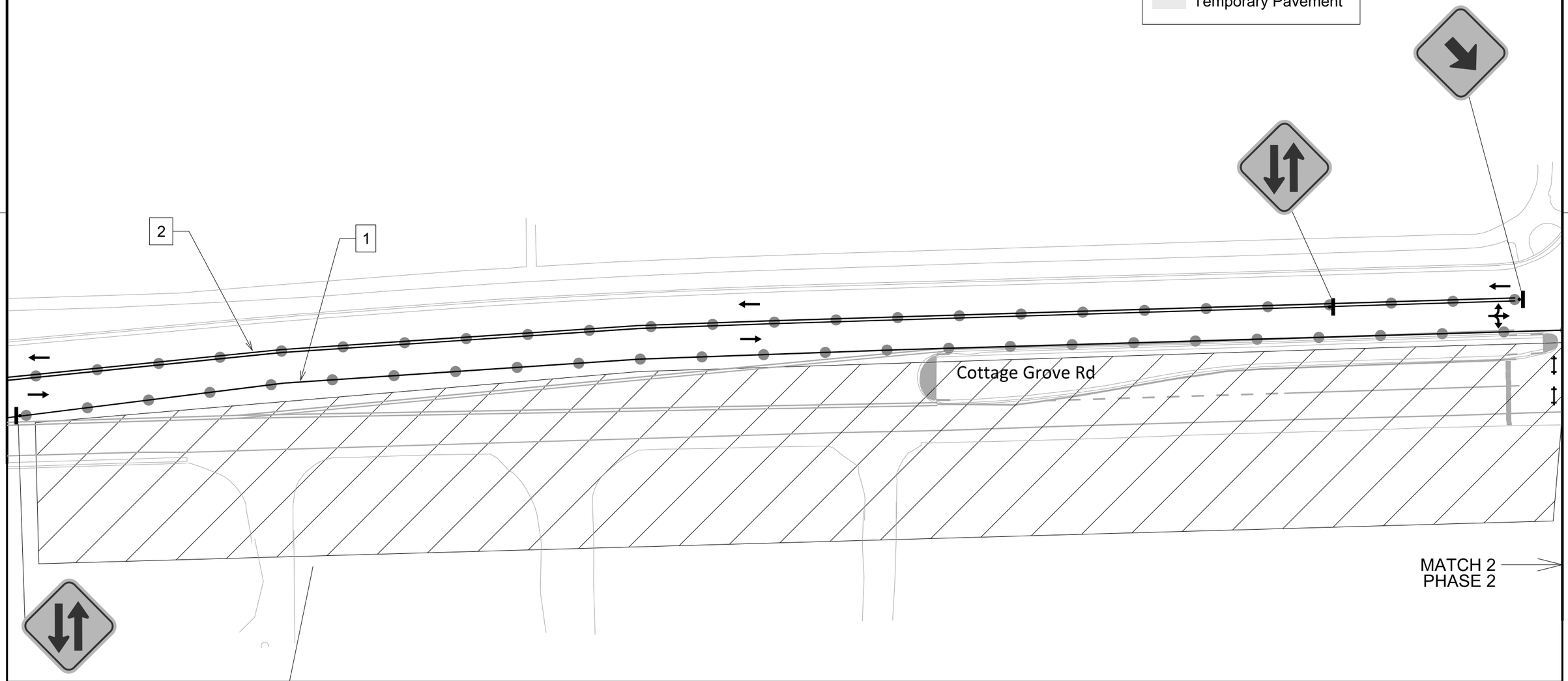
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TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

N

MATCH 1
PHASE 2



MATCH 2
PHASE 2

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

North Star Dr

Gemini Dr

ONLY

1

2

2

Cottage Grove Rd

MATCH 2
PHASE 2

MATCH 3
PHASE 2

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

2

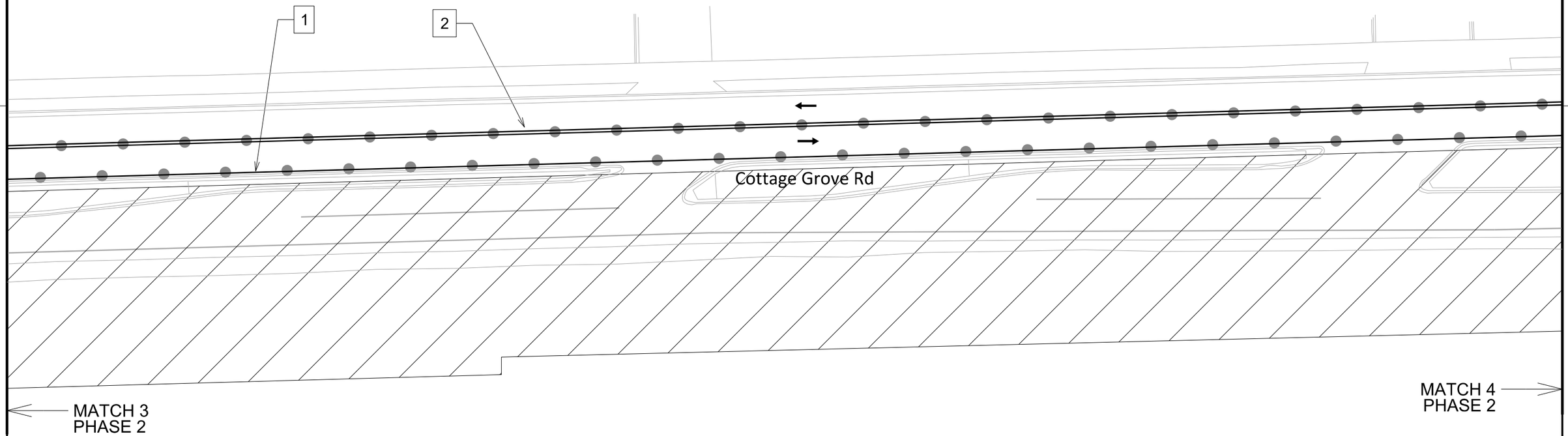
TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

2



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

McLean Dr

Cottage Grove Rd

1

2

1

2

MATCH 4
PHASE 2

MATCH 5
PHASE 2

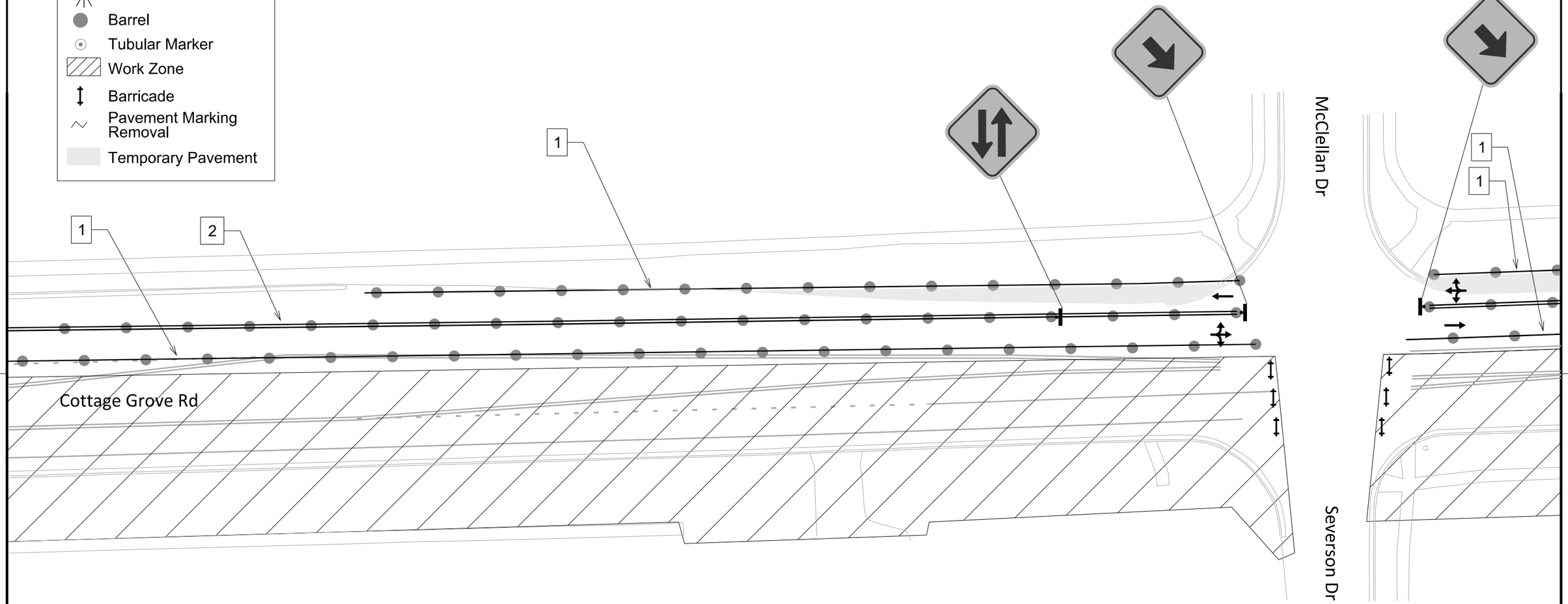
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FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

2

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

N



2

MATCH 5
PHASE 2

MATCH 6
PHASE 2

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

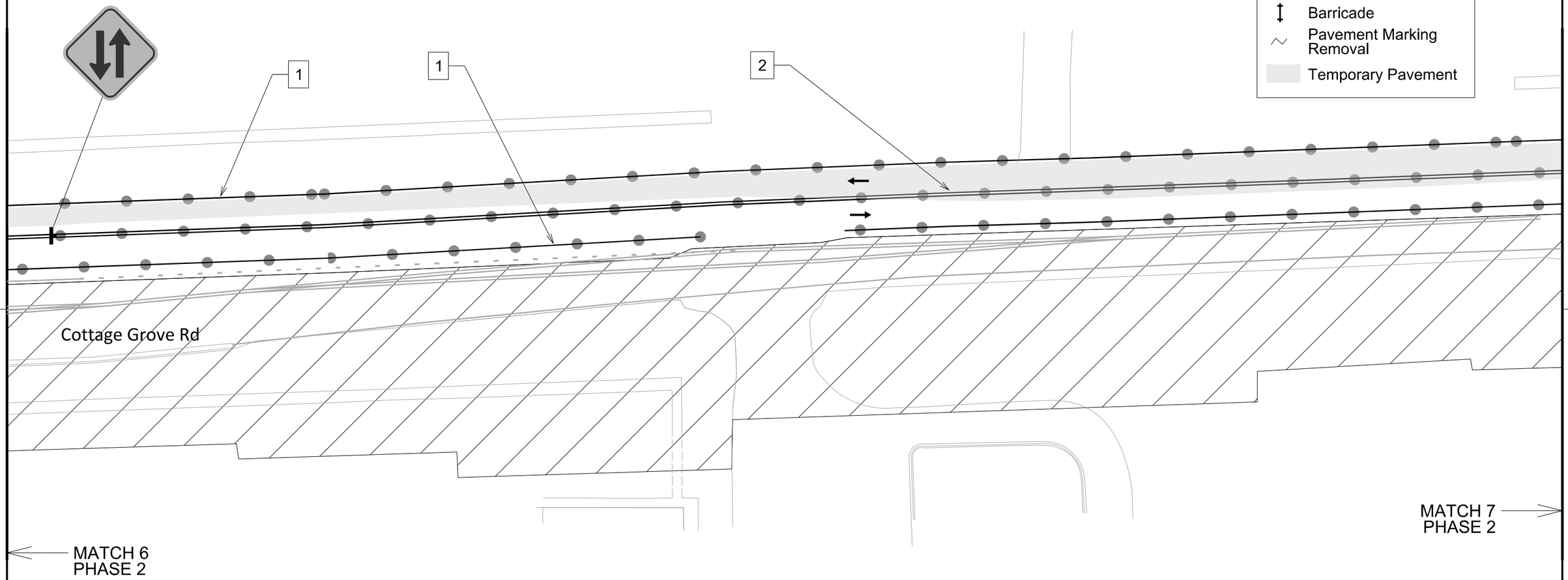
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TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

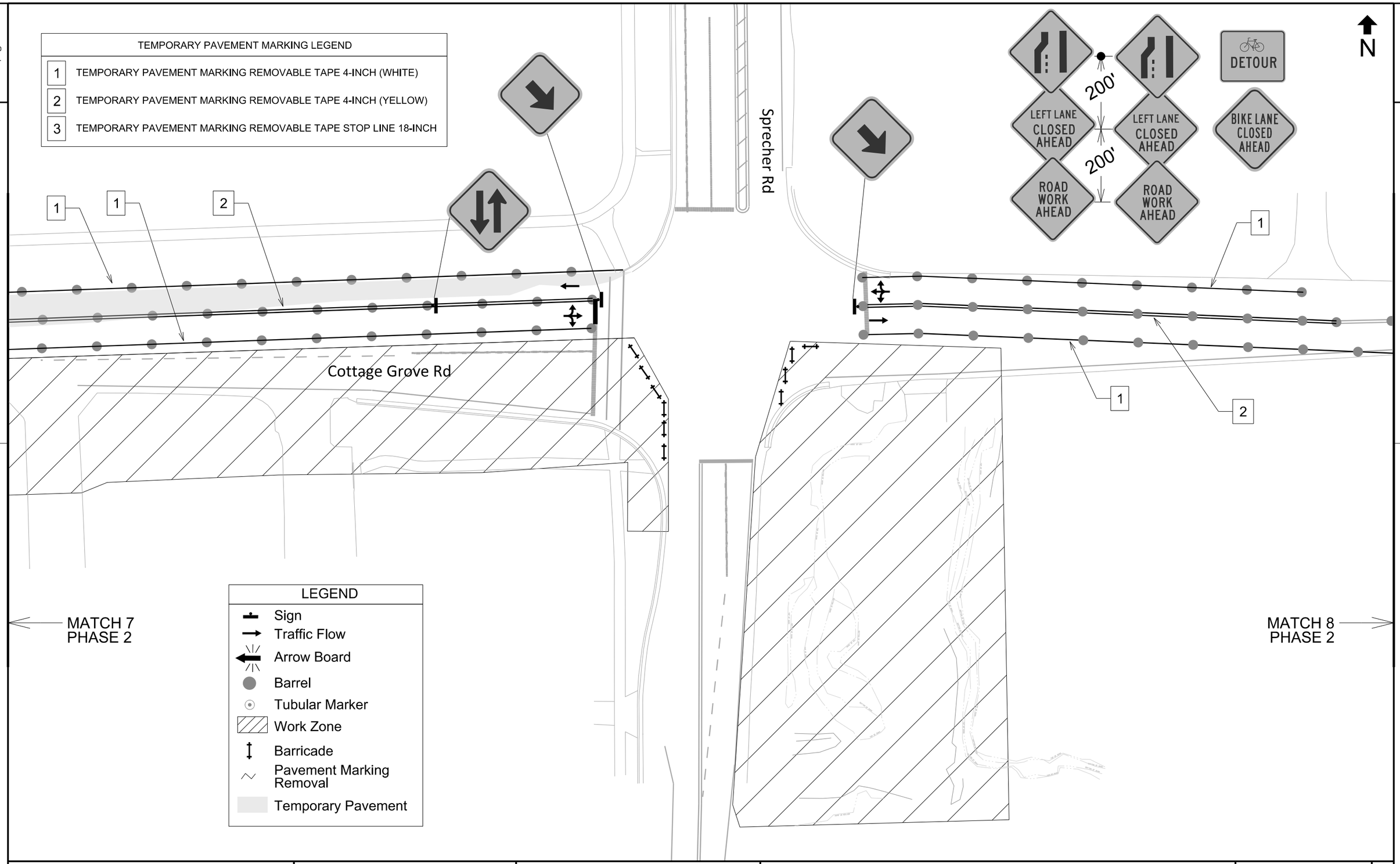
- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

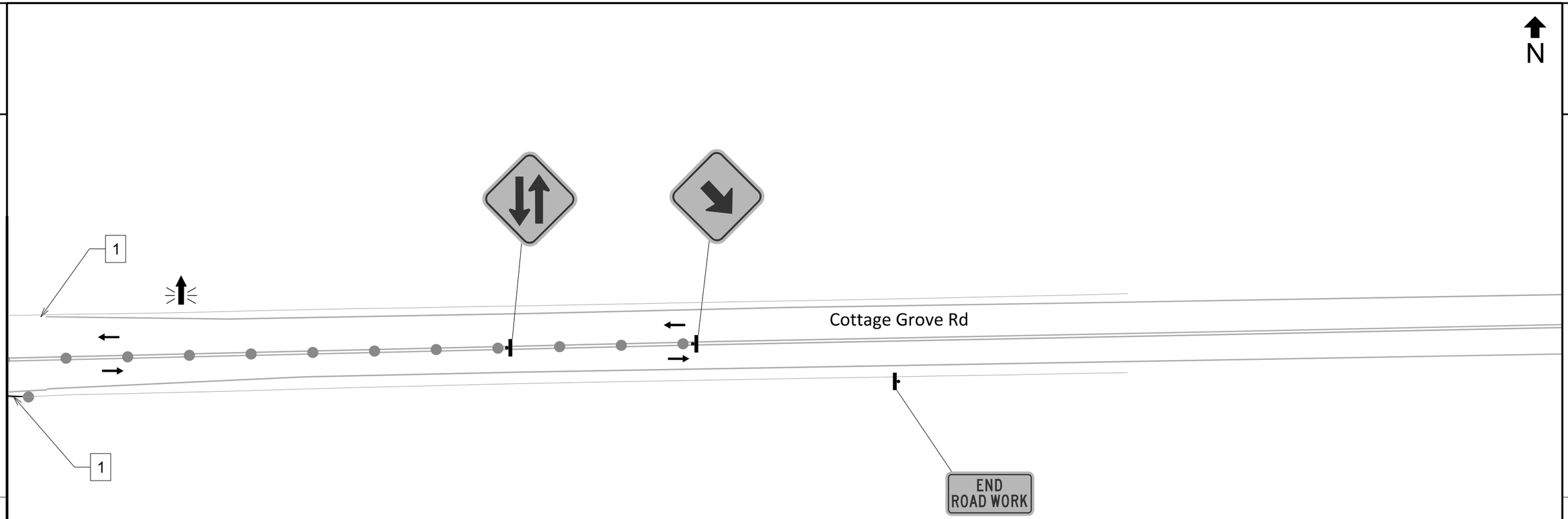


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Barricade
	Pavement Marking Removal
	Temporary Pavement

MATCH 7
PHASE 2

MATCH 8
PHASE 2

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E



MATCH 8
PHASE 2

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2 - COTTAGE GROVE RD.	SHEET _____ E

2

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

N

2

1

1

2

Cottage Grove Rd

McClellan Dr

Severson Dr

MATCH 1
PHASE 2A

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

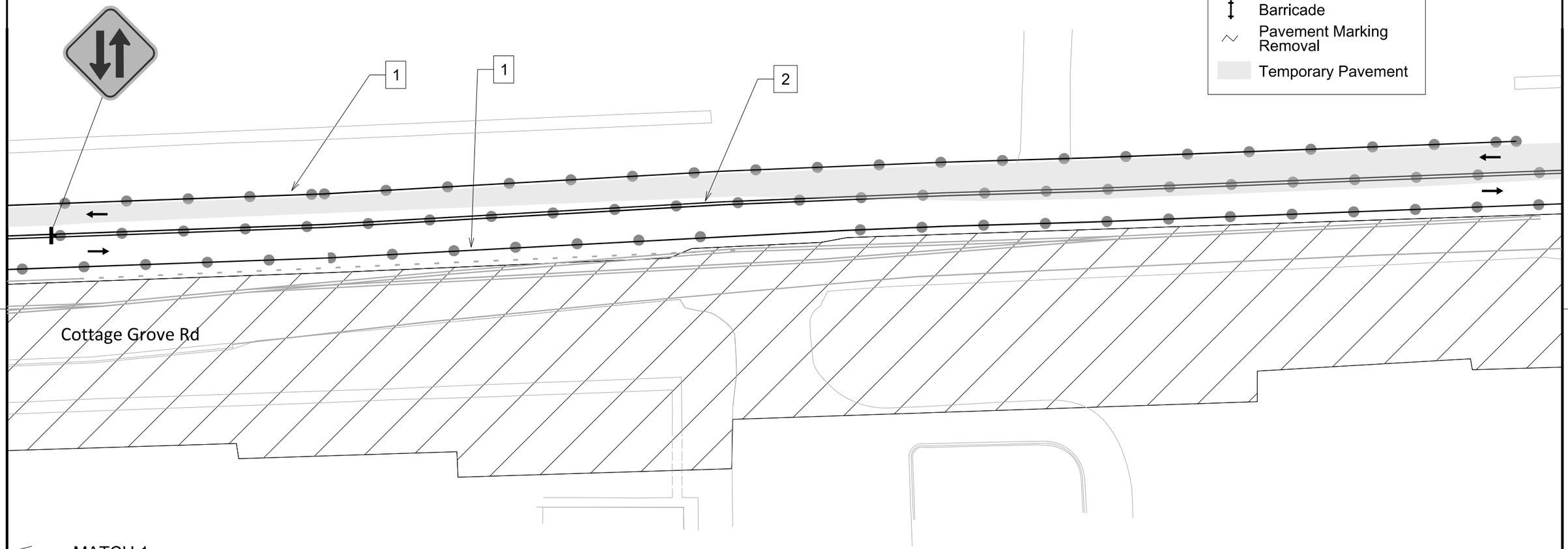
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2A - COTTAGE GROVE RD.	SHEET _____ E

2

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N



MATCH 1
PHASE 2A

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2A - COTTAGE GROVE RD.	SHEET _____ E

2

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Temporary Pavement
- Barricade
- Pavement Marking Removal

N

North Star Dr

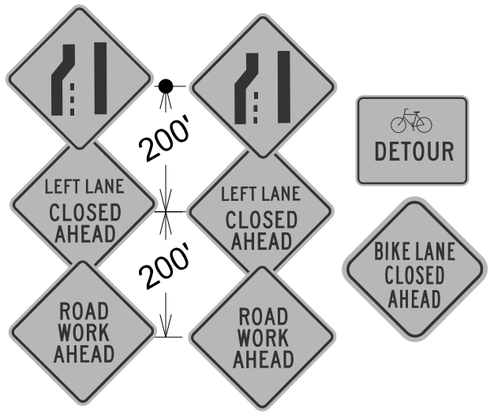
Gemini Dr

ONLY

Cottage Grove Rd

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 2B - COTTAGE GROVE RD.	SHEET _____ E

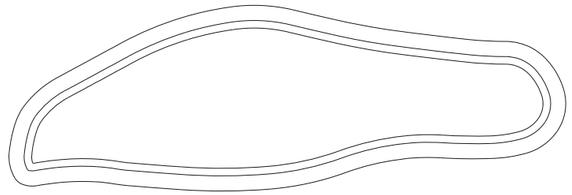
TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

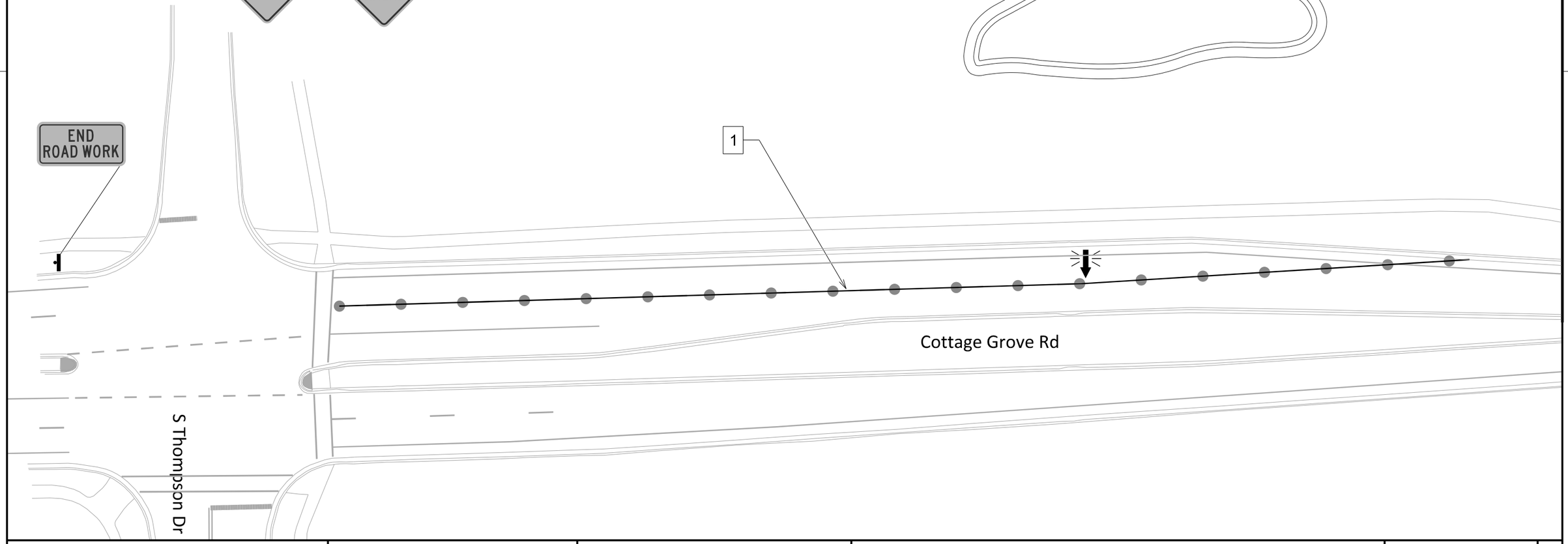


LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

N

MATCH 1
PHASE 3





PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

N

2

2

MATCH 1
PHASE 3

MATCH 2
PHASE 3

I-39/90

Cottage Grove Rd

I-39/90

1

2

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

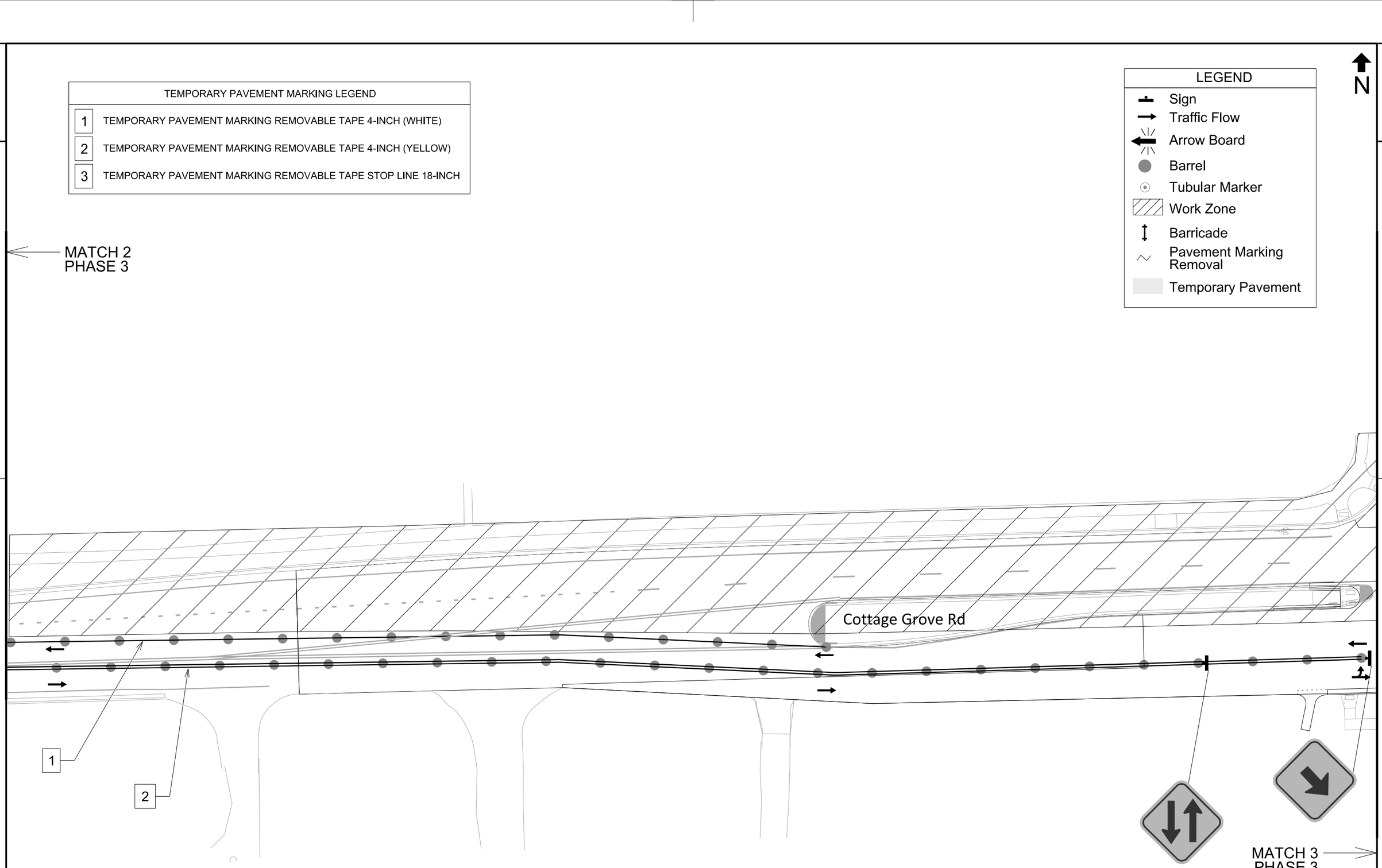
- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

2

2

MATCH 2
PHASE 3



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET ____ E

2

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

2

North Star Dr

Gemini Dr

ONLY

Cottage Grove Rd

2

2

MATCH 3
PHASE 3

MATCH 4
PHASE 3

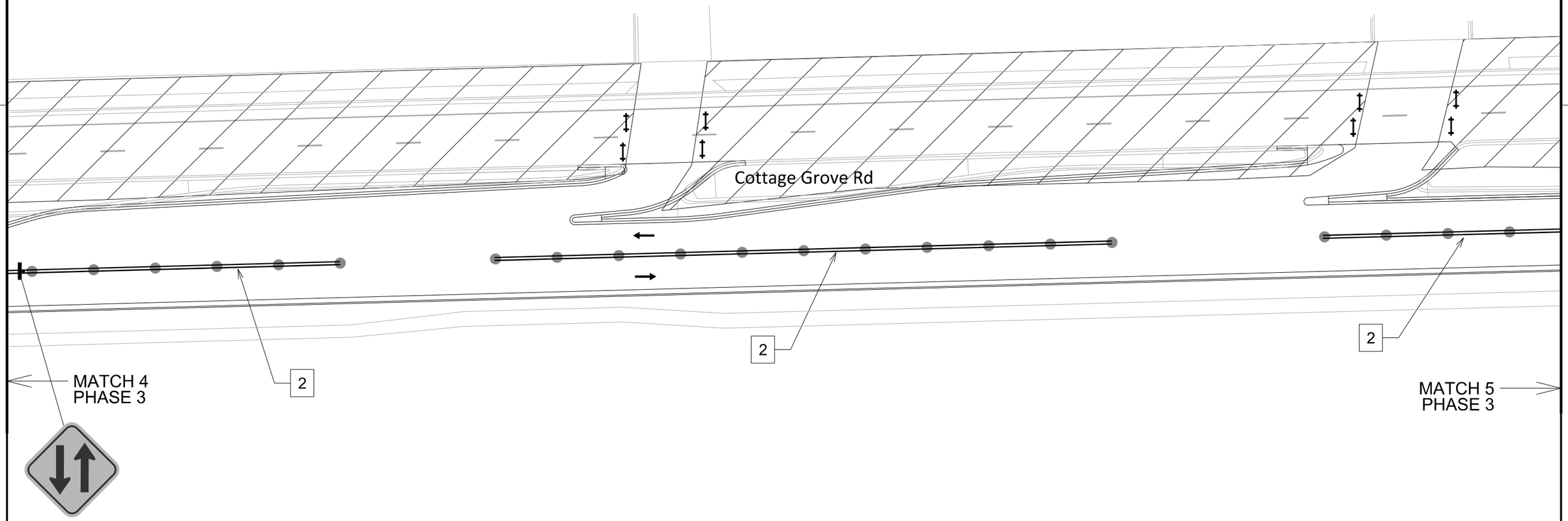
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N



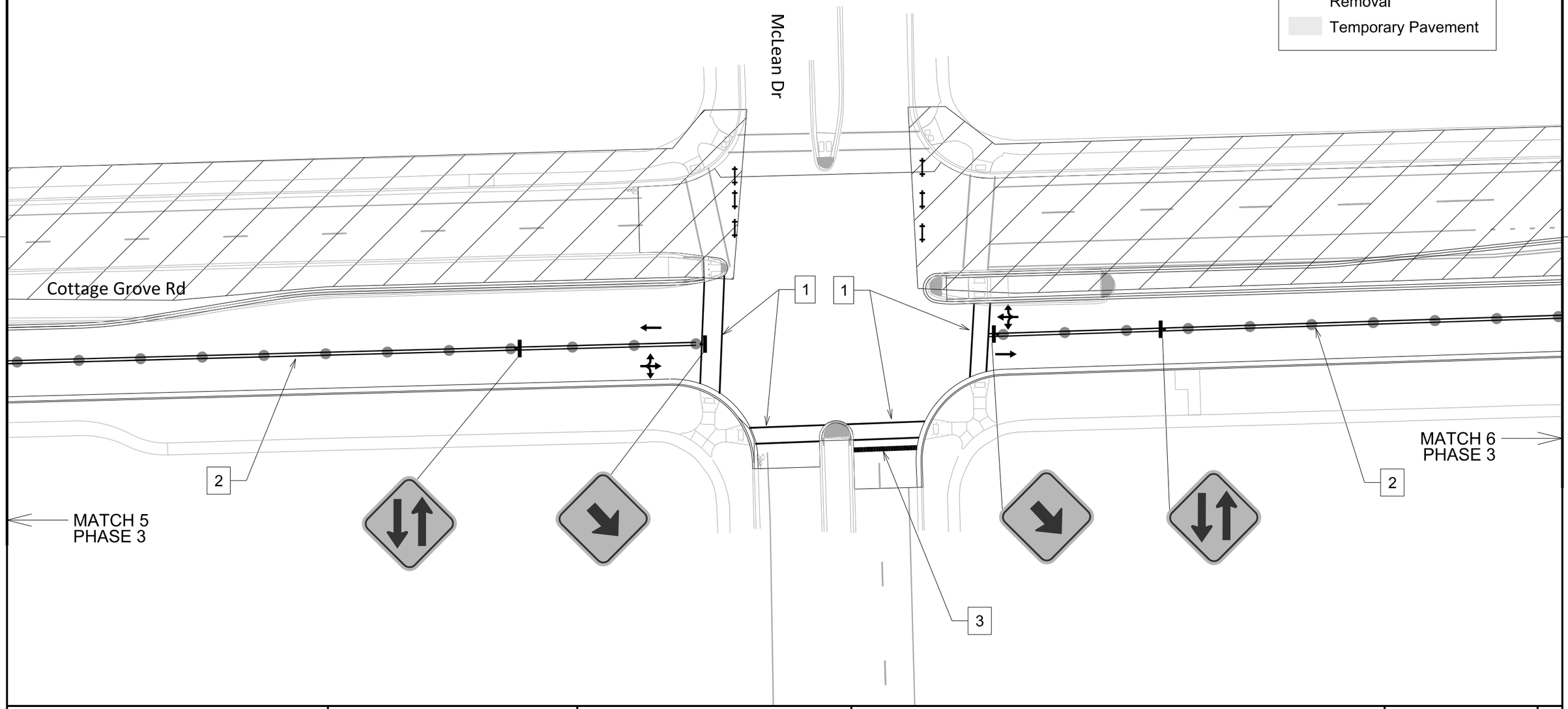
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

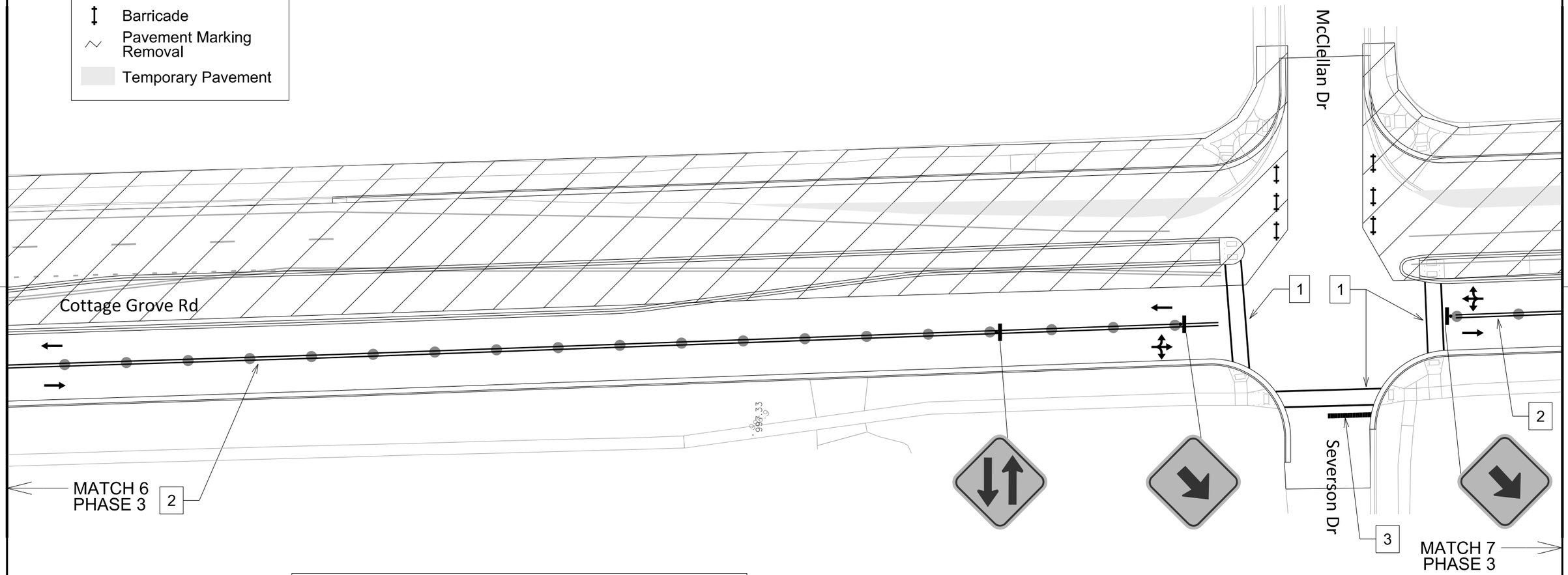
- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

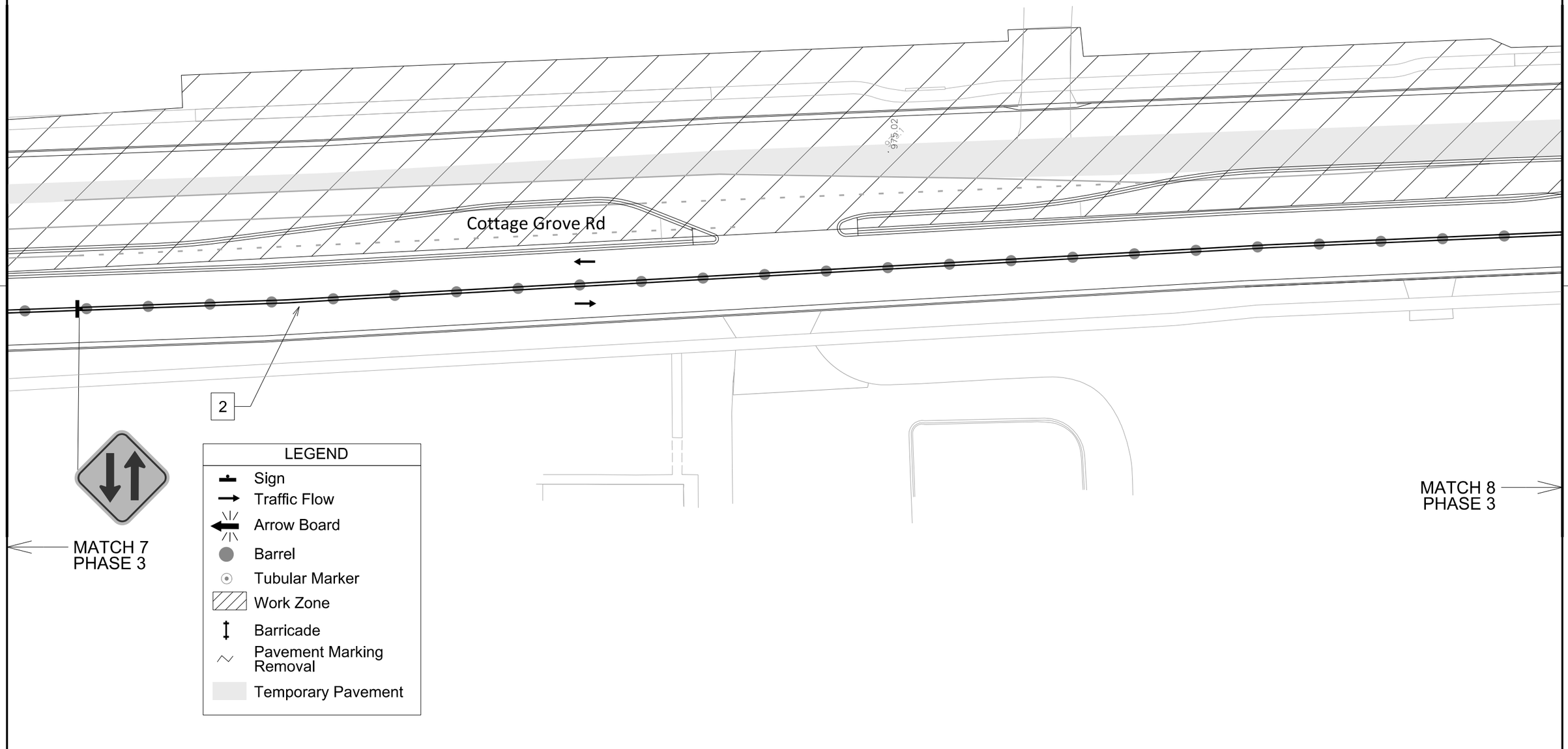


TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

N



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

2

N

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

Sprecher Rd

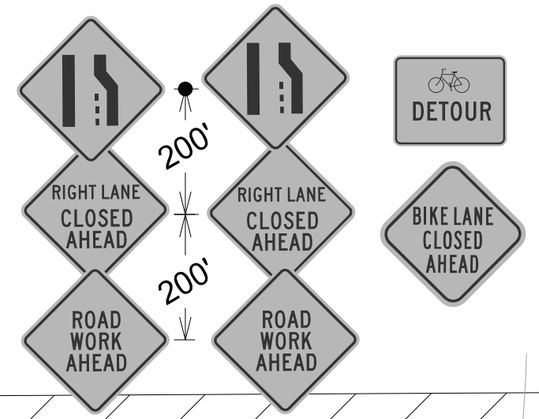
Cottage Grove Rd

963.9

963.2

962.3

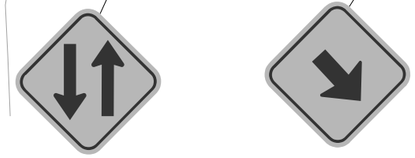
963.5



1

2

2







MATCH 8
PHASE 3

MATCH 9
PHASE 3

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

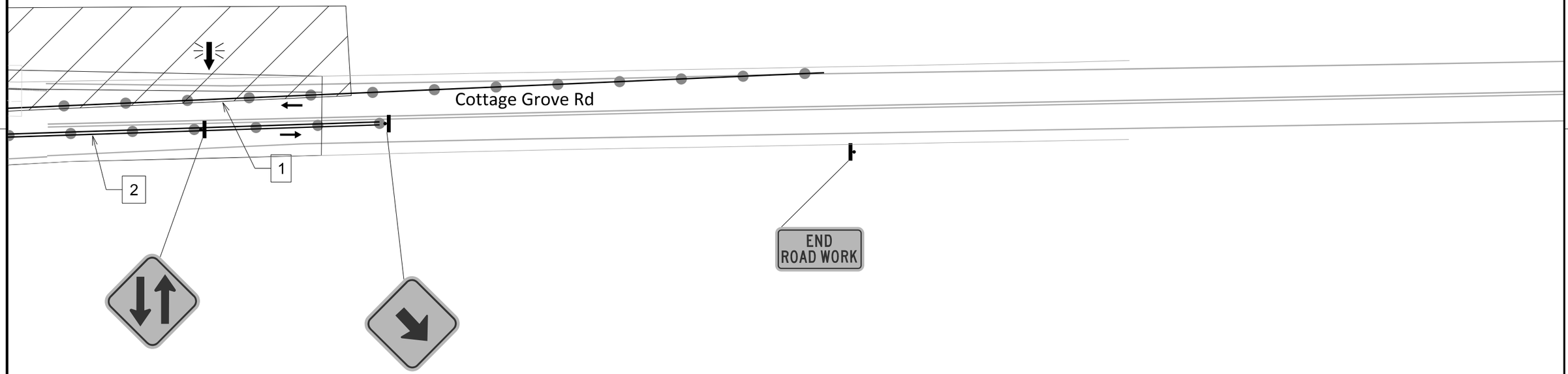
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

2

2

LEGEND
Sign
Traffic Flow
Arrow Board
Barrel
Tubular Marker
Work Zone
Barricade
Pavement Marking Removal
Temporary Pavement

N



MATCH 9
PHASE 3

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3 - COTTAGE GROVE RD.	SHEET _____ E

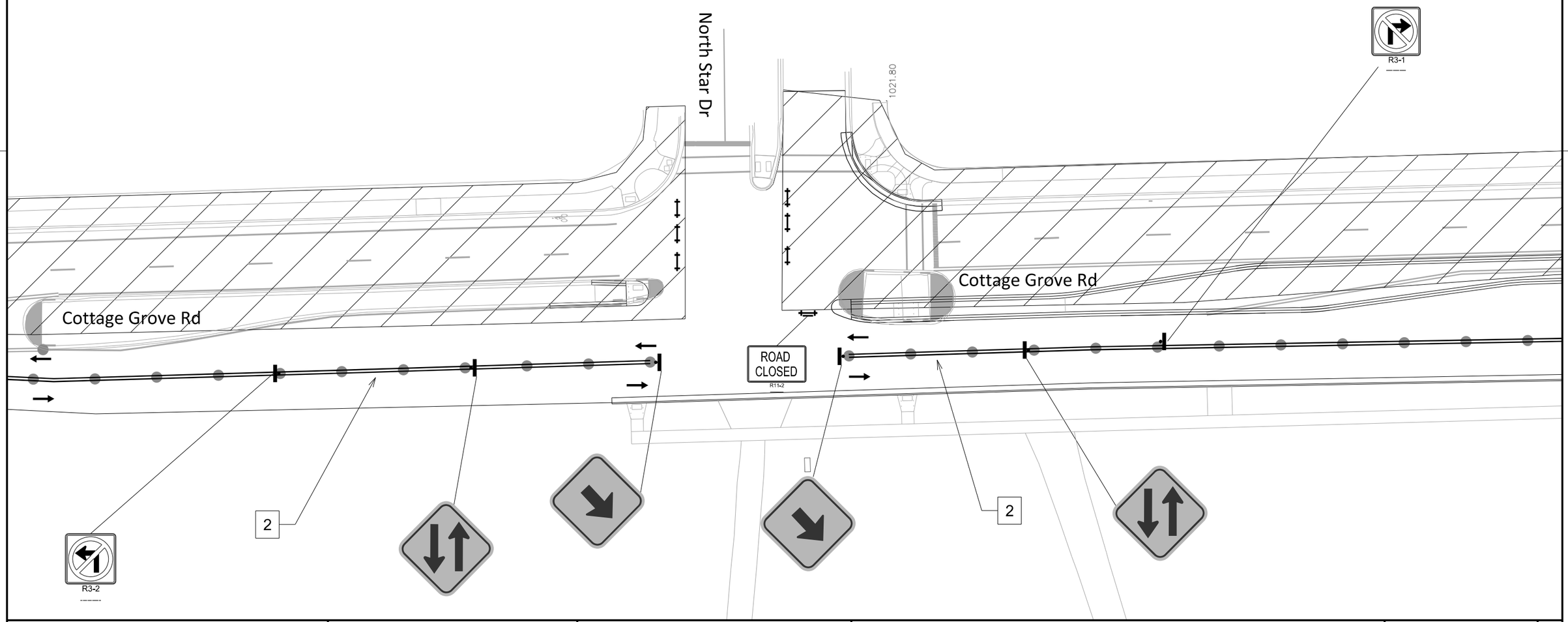
2

2

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Barricade
	Pavement Marking Removal
	Temporary Pavement

N

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3A - COTTAGE GROVE RD.	SHEET _____ E

2

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Barricade
- Pavement Marking Removal
- Temporary Pavement

N

ROAD CLOSED AHEAD

ROAD CLOSED R11-2

ONLY

Gemini Dr

PHASE 3B

ve Rd

ROAD CLOSED R11-2

2

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3B - COTTAGE GRO VE RD.	SHEET _____ E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

TEMPORARY PAVEMENT MARKING LEGEND	
1	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
2	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
3	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE STOP LINE 18-INCH

ROAD CLOSED AHEAD

N

ROAD CLOSED R11-2

PHASE 3C

McClellan Dr

R3-1

Cottage Grove Rd

ROAD CLOSED R11-2

Severson Dr

2

2

R3-2

ROAD CLOSED AHEAD

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Barricade
	Pavement Marking Removal
	Temporary Pavement

PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	TRAFFIC CONTROL STAGE 3C - COTTAGE GROVE RD.	SHEET _____ E

SAWCUTTING

CATEGORY	STATION	STATION	LOCATION	690.0150 SAWING ASPHALT LF
COTTAGE GROVE RD, EASTBOUND LOCATIONS				
0010	82+83	85+50	COTTAGE GROVE RD	295
	87+00	88+00	ASPHALT DRIVEWAY	25
	102+20	102+85	MCCLEAN DR	50
	110+63	110+98	SEVERSON DR	35
	114+75	115+25	ASPHALT DRIVEWAY	60
	118+25	--	ASPHALT DRIVEWAY	25
	119+50	--	ASPHALT DRIVEWAY	35
	121+06	121+46	SPRECHER RD	165
	122+07	--	COTTAGE GROVE RD	25
COTTAGE GROVE RD, EASTBOUND LOCATIONS				
0010	20+70	26+49	COTTAGE GROVE RD	580
	29+63	30+31	COTTAGE GROVE RD	70
	32+46	33+19	COTTAGE GROVE RD	75
	36+18	--	COTTAGE GROVE RD	30
	36+49	37+41	MCCLEAN DR	100
	45+13	45+45	MCCLELLAN DR	35
	50+50	--	ASPHALT DRIVEWAY	20
	55+61	56+12	SPRECHER RD	160
	56+50	60+10	COTTAGE GROVE RD	395
			PROJECT TOTALS	2180

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION - STATION	LOCATION	204.0120 SY
0010	81+62 - 85+50	COTTAGE GROVE RD, EB	1140
	16+05 - 26+49	COTTAGE GROVE RD, WB	3420
		PROJECT TOTAL	4560

PULVERIZE AND RELAY

CATEGORY	STATION - STATION	LOCATION	325.0100 SY
0010	122+07 - 125+67	COTTAGE GROVE RD, EB	675
	56+50 - 60+10	COTTAGE GROVE RD, WB	670
		PROJECT TOTAL	1345

REMOVING CONCRETE SIDEWALK

CATEGORY	STATION - STATION	LOCATION	204.0155 SY
0010	TRAFFIC CONTROL STAGE 2 (COTTAGE GROVE RD EB)		
	81+62 - 91+75	RT	20
	81+62 - 91+75	LT	75
	91+75 - 102+50	RT	45
	91+75 - 102+50	LT	160
	102+50 - 110+75	RT	40
	102+50 - 110+75	LT	20
	110+75 - 125+67	RT	290
	110+75 - 125+67	LT	0
	TRAFFIC CONTROL STAGE 3 (COTTAGE GROVE RD WB)		
	16+05 - 26+00	LT	85
	26+00 - 37+00	LT	15
	37+00 - 45+25	LT	35
	45+25 - 60+10	LT	225
	UNDISTRIBUTED, PROJECT	--	80
		PROJECT TOTAL	1090

NOTE: QUANTITIES INCLUDE CONCRETE REMOVAL FOR UTILITY CONSTRUCTION

REMOVING CURB & GUTTER

CATEGORY	STATION - STATION	LOCATION	204.0150 LF
0010	TRAFFIC CONTROL STAGE 1		155
	TRAFFIC CONTROL STAGE 2 (COTTAGE GROVE RD EB)		
	81+62 - 91+75	LT	155
	81+62 - 91+75	RT	230
	91+75 - 102+50	LT	995
	91+75 - 102+50	RT	85
	102+50 - 110+75	LT	85
	102+50 - 110+75	RT	845
	110+75 - 125+67	LT	0
	110+75 - 125+67	RT	365
	TRAFFIC CONTROL STAGE 3 (COTTAGE GROVE RD WB)		
	16+05 - 26+00	LT	55
	16+05 - 26+00	RT	130
	26+00 - 37+00	LT	0
	26+00 - 37+00	RT	70
	37+00 - 45+25	LT	100
	37+00 - 45+25	RT	80
	45+25 - 60+10	LT	300
	45+25 - 60+10	RT	0
		PROJECT TOTAL	3650

CONSTRUCTION STAKING

CATEGORY	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.8500 ELECTRICAL INSTALLATIONS LUMP	650.9910 SUPPLEMENTAL CONTROL LUMP	650.9920 SLOPE STAKES LF
0010	STAGE 2					
	COTTAGE GROVE RD	3930	3930	--	--	1150
	SIDEROADS	510	510	--	--	0
	STAGE 2 TOTAL	4440	4440	--	--	1150
0010	STAGE 3					
	COTTAGE GROVE RD	2400	2400	--	--	930
	SIDEROADS	200	200	--	--	0
	STAGE 3 TOTAL	2600	2600			930
	PROJECT TOTALS	7040	7040	1	1	2080

NOTE: SEE MISCELLANEOUS QUANTITIES FOR CURB & GUTTER, SIDEWALK, STORM SEWER, AND WATER FOR ADDITIONAL CONSTRUCTION STAKING QUANTITITES

Is there a temp asphalt staking item for stage 2 traffic?

TREE REMOVAL

CATEGORY	STATION	LOCATION	201.0120 CLEARING IN DIA	201.0220 GRUBBING IN DIA	SPV.0060.XXX ROOT PRUNING EXISTING TREES EACH
0010	86+33 - 87+23	RT	270	270	--
	94+68	RT	6	6	--
	95+47	RT	6	6	--
	95+88	RT	27	27	--
	96+47	RT	36	36	--
	97+15	RT	6	6	--
	98+37	RT	12	12	--
	98+53	RT	20	20	--
	98+69	RT	14	14	--
	98+79	RT	14	14	--
	108+18	LT	18	18	--
	117+79	RT	10	10	--
	117+89	RT	10	10	--
	118+00	RT	10	10	--
	118+10	RT	10	10	--
	119+60 - 119+67	RT	36	36	--
	UNDISTRIBUTED	PROJECT	30	30	5
		PROJECT TOTALS	535	535	5

NOTE: LOCATIONS CALLED OUT ARE BOTH ON EASTBOUND & WESTBOUND COTTAGE GROVE RD

TEMPORARY PEDESTRIAN ACCESS ITEMS

CATEGORY	LOCATION (INTERSECTION)	SPV.0045.01 TEMPORARY CROSSWALK & SIDEWALK DAY	SPV.0060.008 TEMPORARY BUS STOP PAD EACH
0010	COTTAGE GROVE RD, EASTBOUND, STAGE 2		
	NORTH STAR	80	--
	GEMINI	65	--
	MCCLEAN	60	--
	SEVERSON/MCCLELLAN	65	--
	SPRECHER	80	--
	STAGE 2 - SUBTOTALS	350	0
0010	COTTAGE GROVE RD, EASTBOUND, STAGE 2		
	NORTH STAR	25	1
	GEMINI	0	--
	MCCLEAN	25	--
	SEVERSON/MCCLELLAN	50	--
	SPRECHER	60	--
	STAGE 3 - SUBTOTALS	160	1
	PROJECT TOTALS	510	1

CONCRETE DRIVEWAY 7-INCH

CATEOGRY	STATION	LOCATION	416.0170 SY
0010	COTTAGE GROVE RD, EASTBOUND		
	86+90	RT	35
	108+85	RT	35
	114+90	RT	35
	117+55	RT	20
	118+30	RT	25
	119+45	RT	20
	COTTAGE GROVE RD, WESTBOUND		
	50+45	LT	15
	PROJECT TOTAL		185

CONCRETE MEDIAN SLOPED NOSE

CATEGORY	STATION	LOCATION	620.0300 SF
0010	COTTAGE GROVE ROAD, EASTBOUND		
	81+62 - 91+75	LT	220
	91+75 - 102+50	LT	300
	102+50 - 110+75	LT	210
	110+75 - 125+67	LT	200
	PROJECT TOTALS		930

ASPHALTIC SURFACE TEMPORARY

CATEGORY	TRAFFIC CONTROL STAGE	STATION-STATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	465.0125 ASPHALTIC SURFACE TEMPORARY TON	SPV.0090.XX CONSTRUCTION STAKING TMPORARY ASPHALT LF	REMARKS
0010	PHASE 1	42+90-55+50	--	320	1200	TEMPORARY PAVEMENT
	PHASE 2	81+62-122+06 (EB)	--	20	--	TEMPORARY WEDGING AT MANHOLES & RAMPS
	PHASE 3	26+50-56+50 (WB)	--	15	--	TEMPORARY WEDGING AT MANHOLES & RAMPS
	PHASE 4	PROJECT	175	--	--	TEMPORARY WEDGING AT MANHOLES & RAMPS
		UNDISTRIBUTED	50	50	--	TEMPORARY PAVEMENT
		PROJECT TOTALS	225	405	1200	

CONCRETE SIDEWALK

CATEGORY	STATION - STATION	LOCATION	602.0410 5-INCH SF	602.0420 7-INCH SF	SPV.0090.XX CONSTRUCTION STAKING SIDEWALK LF
0010	COTTAGE GROVE ROAD, EASTBOUND				
	81+62 - 91+75	LT	700	60	90
	81+62 - 91+75	RT	2750	270	535
	91+75 - 102+50	LT	1000	--	205
	91+75 - 102+50	RT	4700	175	810
	102+50 - 110+75	LT	225	80	35
	102+50 - 110+75	RT	1325	370	230
	110+75 - 125+67	LT	1850	75	370
	110+75 - 125+67	RT	4800	170	920
	COTTAGE GROVE ROAD, WESTBOUND				
	16+05 - 26+00	LT	525	270	--
	26+00 - 37+00	LT	--	190	--
	37+00 - 45+25	LT	125	230	--
	45+25 - 60+10	LT	3175	230	540
	UNDISTRIBUTED, PROJECT	--	1200	300	--
	PROJECT TOTALS		22375	2420	3735

NOTE: QUANTITIES INCLUDE SIDEWALK REPLACEMENT FOR UTILITY CONSTRUCTION

CONCRETE CURB & GUTTER

CATEGORY	STATION - STATION	LOCATION	SPV.0090.XX 24-INCH TYPE D SPECIAL LF	SPV.0090.XX 30-INCH TYPE D SPECIAL LF	SPV.0090.XX 30-INCH TYPE X SPECIAL LF	601.0600 PEDESTRIAN LF	650.5500 CONSTRUCTION STAKING CURB GUTTER LF
0010	COTTAGE GROVE ROAD, EASTBOUND						
	81+62 - 91+75	LT	420	--	--	--	420
	81+62 - 91+75	RT	--	540	--	--	540
	91+75 - 102+50	LT	1070	--	--	--	1070
	91+75 - 102+50	RT	10	1050	15	--	1075
	102+50 - 110+75	LT	755	--	--	--	755
	102+50 - 110+75	RT	10	835	--	--	845
	110+75 - 125+67	LT	920	--	--	--	920
	110+75 - 125+67	RT	--	1120	80	--	1200
	COTTAGE GROVE ROAD, WESTBOUND						
	16+05 - 26+00	LT	--	35	20	--	55
	16+05 - 26+00	RT	400	--	--	--	400
	26+00 - 37+00	LT	--	--	--	--	0
	26+00 - 37+00	RT	45	--	--	--	45
	37+00 - 45+25	LT	--	415	--	--	415
	37+00 - 45+25	RT	750	--	--	--	750
	45+25 - 60+10	LT	--	1110	80	20	1210
	45+25 - 60+10	RT	925	--	--	--	925
	PROJECT TOTALS		5305	5105	195	20	10625

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CATEGORY	STATION - STATION	LOCATION	602.0515 SF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH
0010	86+25 - 87+75	NORTH STAR INT.	100	4
	91+00 - 92+25	GEMINI INT.	40	2
	102+00 - 103+25	MCCLEAN INT.	160	4
	110+25 - 111+50	SEVERSON/MCCLELLAN INT.	120	8
	120+75 - 121+75	SPRECHER INT.	50	3
	PROJECT TOTAL		470	21

3

BASE AGGREGATE

CATEGORY	STATION	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	311.0110 BREAKER RUN TON	624.0100 WATER MGAL	645.0140 GEOTEXTILE TYPE SAS SY
0010	COTTAGE GROVE ROAD, EASTBOUND, STAGE 2								
	81+62	91+75	COTTAGE GROVE RD	--	1500	1500	--	30	--
			SIDEWALK/DRIVEWAY	60	235	--	--	3	--
			SHOULDER	60	--	--	--	1	--
			SIDE ROADS	--	--	--	--	0	--
	91+75	102+50	COTTAGE GROVE RD	--	2550	2550	--	51	--
			SIDEWALK/DRIVEWAY	100	--	--	--	1	--
			SIDE ROADS	--	75	75	--	2	--
	102+50	110+75	COTTAGE GROVE RD	--	1640	1640	--	33	--
			SIDEWALK/DRIVEWAY	35	20	--	--	1	--
			SIDE ROADS	--	160	160	--	3	--
	110+75	125+67	COTTAGE GROVE RD	--	2270	2270	--	45	--
			SIDEWALK/DRIVEWAY	100	85	--	--	2	--
			SIDE ROADS	--	285	285	--	6	--
			UNDISTRIBUTED FOR STAGE	--	--	--	3600	8	4000
			STAGE 2 SUBTOTALS	355	8820	8480	3600	185	4000
0010	COTTAGE GROVE ROAD, WESTBOUND, STAGE 3								
	16+05	26+00	COTTAGE GROVE RD	--	240	240	--	5	--
			SIDEWALK/DRIVEWAY	10	--	--	--	0	--
			SIDE ROADS	--	--	--	--	0	--
	26+00	37+00	COTTAGE GROVE RD	--	180	180	--	4	--
			SIDEWALK/DRIVEWAY	10	--	--	--	0	--
			SIDE ROADS	--	--	--	--	0	--
	37+00	45+25	COTTAGE GROVE RD	--	1590	1590	--	32	--
			SIDEWALK/DRIVEWAY	10	--	--	--	0	--
			SIDE ROADS	--	55	55	--	1	--
	45+25	60+10	COTTAGE GROVE RD	--	2535	2535	--	51	--
			SIDEWALK/DRIVEWAY	80	25	--	--	1	--
			SHOULDER	60	--	--	--	1	--
			SIDE ROADS	--	300	300	--	6	--
			UNDISTRIBUTED FOR STAGE	--	--	--	2000	5	2200
			STAGE 3 SUBTOTALS	170	4925	4900	2000	105	2200
			UNDISTRIBUTED FOR DUST CONTROL - PROJECT	--	--	--	--	60	--
			PROJECT TOTALS	525	13745	13380	5600	290	6200

ASPHALT

CATEGORY	STATION	STATION	LOCATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	465.0315 ASPHALTIC FLUME SY	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
0010	COTTAGE GROVE ROAD, EASTBOUND, STAGE 2							
	81+62	91+75	COTTAGE GROVE RD	--	620	--	--	--
			SIDE ROADS	--	--	--	--	--
			DRIVEWAYS	--	--	--	--	125
		86+25, RT	FLUME	--	--	--	12	125
	91+75	102+50	COTTAGE GROVE RD	--	1095	--	--	--
			SIDE ROADS	--	40	--	--	--
			DRIVEWAYS	--	--	--	--	--
	102+50	110+75	COTTAGE GROVE RD	--	675	--	--	--
			SIDE ROADS	--	75	--	--	--
			DRIVEWAYS	--	--	--	--	5
	110+75	125+67	COTTAGE GROVE RD	--	935	--	--	--
			SIDE ROADS	--	130	--	--	--
			DRIVEWAYS	--	--	--	--	35
			STAGE 2 SUBTOTALS	0	3570	0	12	290
0010	COTTAGE GROVE ROAD, WESTBOUND, STAGE 3							
	16+05	26+00	COTTAGE GROVE RD	--	85	--	--	--
			SIDE ROADS	--	--	--	--	--
			DRIVEWAYS	--	--	--	--	--
	26+00	37+00	COTTAGE GROVE RD	--	85	--	--	--
			SIDE ROADS	--	--	--	--	--
			DRIVEWAYS	--	--	--	--	--
	37+00	45+25	COTTAGE GROVE RD	--	700	--	--	--
			SIDE ROADS	--	25	--	--	--
			DRIVEWAYS	--	--	--	--	--
	45+25	60+10	COTTAGE GROVE RD	--	1075	--	--	--
			SIDE ROADS	--	135	--	--	--
			DRIVEWAYS	--	--	--	--	15
			STAGE 3 SUBTOTALS	0	2105	0	0	15
0010	COTTAGE GROVE ROAD, STAGE 4							
	81+62	125+75	COTTAGE GROVE RD WB	750	--	1370	--	--
	16+05	60+10	COTTAGE GROVE RD EB	1020	--	1880	--	--
			SIDE ROADS	130	--	245	--	--
			STAGE 4 SUBTOTALS	1900	0	3495	0	0
			PROJECT TOTALS	1900	5675	3495	12	305

740.0440 INCENTIVE IRI RIDE

CATEGORY	STATION - STATION (STREET-STREET)	NO. OF TRAVEL LANES (INCLUDING TURN LANES)	NO. OF BIKE LANES	LANE MILES
0010	COTTAGE GROVE ROAD, EASTBOUND			
	81+62 - 102+50 (WEST LIMIT - MCCLEAN)	2.5	1	1.19
	102+50 - 110+75 (MCCLEAN - SEVERSON)	2.5	1	0.47
	110+75 - 122+00 (SEVERSON - SPRECHER)	2.5	1	0.64
	EASTBOUND SUBTOTAL	--	--	2.29
0010	COTTAGE GROVE ROAD, WESTBOUND			
	16+05 - 26+50 (WEST LIMIT - GEMINI)	2.5	1	0.59
	35+20 - 45+25 (MCCLEAN - MCCLELLAN)	2.5	1	0.57
	45+25 - 56+50 (MCCLELLAN - SPRECHER)	2.5	1	0.64
	WESTBOUND SUBTOTAL	--	--	1.80
	PROJECT TOTALS	--	--	4.10

LANDMARK REFERENCE MONUMENTS AND CAST IRON COVERS

CATEGORY	STATION	LOCATION	621.1100 EACH
0010	94+88	LT	1
	121+58	LT	1
	PROJECT TOTALS		2

MAILBOXES & SIGN WITH LIGHTING

CATEGORY	STATION*	LOCATION	SPV.0060.XX REMOVE AND REINSTALL MAILBOX EACH	SPV.0060.XX REMOVE AND REINSTALL SIGN WITH LIGHTING EACH
0010	50+28	LT	1	--
	83+97	RT	1	--
	88+54**	RT	--	1
	117+33	RT	1	--
	118+45	RT	1	--
	119+59	RT	1	--
	PROJECT TOTALS		5	1

NOTES:
*REINSTALL MAILBOXES ADJACENT TO NEW CURB AND DRIVEWAY APRON, NOT AT EXISTING LOCATION
**LOCATION TO REINSTALL SIGN WITH LIGHTING IS STATION 87+12

STORM SEWER STRUCTURES

CATEGORY	STRUCTURE I.D.	STATION	LOCATION	(522.1036) APRON ENDWALL 36" RCP EACH	(611.0420) RECONSTRUCTING MANHOLES EACH	(611.0624) INLET COVERS TYPE H EACH	(611.0639) INLET COVERS TYPE H-S EACH	(611.2033) MANHOLES 3X3-FT EACH	(611.2044) MANHOLES 4X4-FT EACH	(611.2055) MANHOLES 5X5-FT EACH	(611.2066) MANHOLES 6X6-FT EACH	(611.3230) INLETS 2X3-FT EACH	(611.8110) ADJUSTING MANHOLE COVERS EACH	(611.8115) ADJUSTING INLET COVERS EACH	(650.4000) CONSTRUCTION STAKING STORM SEWER EACH	(SPV.0060.XX) MANHOLE COVERS TYPE J SPECIAL EACH	TOP OF CASTING ELEVATION
0020	1.0	121+98.85	RT-68.76	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	2.0	121+97.45	LT-45.25	-	-	1	-	-	-	1	-	-	-	-	1	-	962.69
	3.0	121+60.92	LT-64.00	-	-	-	-	-	-	1	-	-	-	-	1	1	962.21
	3.1	121+68.04	LT-74.72	-	-	-	1	-	-	-	-	1	-	-	1	-	962.06
	4.0	121+24.95	LT-65.22	-	-	-	-	-	-	1	-	-	-	-	1	1	962.35
	4.1	121+08.39	LT-84.05	-	-	-	1	-	-	-	-	1	-	-	1	-	962.51
	5.0	120+68.61	LT-11.00	-	-	1	-	-	-	1	-	-	-	-	1	-	964.59
	5.1	120+68.07	LT-18.30	-	-	1	-	-	-	-	-	1	-	-	1	-	964.16
	5.2	120+76.37	LT-47.87	-	-	1	-	-	-	-	-	1	-	-	1	-	964.20
	6.0	120+42.91	RT-6.00	-	-	-	-	-	1	-	-	-	-	-	1	1	963.97
	7.0	118+74.95	RT-5.45	-	-	-	-	-	1	-	-	-	-	-	1	1	965.17
	8.0	117+32.44	LT-1.00	-	-	1	-	-	1	-	-	-	-	-	1	-	968.84
	8.1	117+33.10	LT-17.25	-	-	1	-	-	-	-	-	1	-	-	1	-	971.03
	8.2	117+34.44	LT-46.75	-	-	1	-	-	-	-	-	1	-	-	1	-	970.40
	8.3	117+27.51	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	968.25
	9.0	114+47.25	LT-1.00	-	-	1	-	-	1	-	-	-	-	-	1	-	977.84
	9.1	114+43.85	LT-12.90	-	-	1	-	-	-	-	-	1	-	-	1	-	978.00
	9.2	114+25.96	LT-50.00	-	-	1	-	-	-	-	-	1	-	-	1	-	978.57
	9.3	114+46.45	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	977.00
	10.0	111+46.29	LT-1.00	-	-	1	-	-	-	-	1	-	-	-	1	-	991.34
	10.1	111+04.74	LT-56.30	-	-	-	-	1	-	-	-	-	-	-	1	1	991.92
	10.2	111+02.93	LT-91.21	-	-	1	-	1	-	-	-	-	-	-	1	-	992.64
	10.3	110+68.23	LT-90.50	-	-	-	1	-	-	-	-	1	-	-	1	-	992.55
	11.0	110+23.54	LT-12.00	-	-	1	-	1	-	-	-	-	-	-	1	-	995.29
	11.1	110+20.70	LT-21.00	-	-	1	-	-	-	-	-	1	-	-	1	-	995.68
	11.2	110+20.70	LT-50.50	-	-	1	-	-	-	-	-	1	-	-	1	-	995.08
	11.3	110+23.54	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	994.20
	12.0	108+54.92	LT-6.09	-	-	1	-	1	-	-	-	-	-	-	1	-	997.87
	12.1	108+51.77	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	997.06
	13.0	107+88.64	LT-1.00	-	-	1	-	1	-	-	-	-	-	-	1	-	998.29
	13.1	107+88.78	LT-21.00	-	-	1	-	-	-	-	-	1	-	-	1	-	998.31
	13.2	107+81.94	LT-50.50	-	-	1	-	-	-	-	-	1	-	-	1	-	997.75
	14.0	104+88.78	LT-1.00	-	-	1	-	1	-	-	-	-	-	-	1	-	1000.09
	14.1	104+88.90	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	999.49
	15.0	101+85.97	CL	-	-	-	-	1	-	-	-	-	-	-	1	1	1002.00
	15.1	101+84.47	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	1001.85
	16.0	99+64.38	RT-5.50	-	-	-	-	1	-	-	-	-	-	-	1	1	1005.47
	16.1	99+63.25	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	1005.44
	17.0	98+55.00	LT-1.00	-	-	1	-	-	-	-	-	1	-	-	1	-	1007.90
	18.0	95+55.00	LT-1.00	-	-	1	-	-	-	-	-	1	-	-	1	-	1014.93
	19.0	95+41.40	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	1014.31
	20.0	95+21.20	LT-16.75	-	-	-	1	-	-	-	-	1	-	-	1	-	1015.96
	30.0	91+06.37	LT-21.28	-	-	1	-	-	-	-	-	1	-	-	1	-	1024.67
	30.1	91+06.34	LT-11.77	-	-	1	-	-	-	-	-	1	-	-	1	-	1024.40
	40.0	87+72.03	LT-8.69	-	-	1	-	-	-	-	-	1	-	-	1	-	1023.68
	40.1	87+71.78	LT-1.00	-	-	1	-	-	-	-	-	1	-	-	1	-	1023.31
	40.2	87+70.85	RT-28.50	-	-	1	-	-	-	-	-	1	-	-	1	-	1022.70
	EX.1.1	121+14.51	LT-92.85	-	1	-	-	-	-	-	-	-	-	-	-	1	962.13
	EX.2.0	121+03.93	RT-30.29	-	-	-	-	-	-	-	-	-	1	-	-	-	963.50
	EX.2.1	120+65.86	RT-33.00	-	-	-	-	-	-	-	-	-	-	1	-	-	963.66
	EX.3.0	101+98.39	LT-12.69	-	-	-	-	-	-	-	-	-	-	1	-	-	992.34
	EX.3.1	102+28.23	RT-43.77	-	-	-	-	-	-	-	-	-	1	-	-	-	1000.49
	EX.4.0	98+12.91	LT-23.44	-	-	-	-	-	-	-	-	-	-	1	-	-	1002.01
	EX.4.1	97+99.81	LT-16.38	-	-	-	-	-	-	-	-	-	-	1	-	-	1002.15
	EX.5.0	95+25.55	LT-22.99	-	-	-	-	-	-	-	-	-	-	1	-	-	1001.55
	PROJECT TOTALS			**1**	**1**	**35**	**4**	**8**	**4**	**4**	**1**	**29**	**2**	**5**	**47**	**8**	

STORM SEWER PIPE

CATEGORY	STRUCTURE I.D. FROM	STRUCTURE I.D. TO	(608.0312) CLASS III SS RCP 12-INCH LF	(608.0315) CLASS III SS RCP 15-INCH LF	(608.0318) CLASS III SS RCP 18-INCH LF	(608.0321) CLASS III SS RCP 21-INCH LF	(608.0324) CLASS III SS RCP 24-INCH LF	(608.0327) CLASS III SS RCP 27-INCH LF	(608.0330) CLASS III SS RCP 30-INCH LF	(608.0336) CLASS III SS RCP 36-INCH LF
0020	1.0	2.0	-	-	-	-	-	-	-	114
	2.0	3.0	-	-	-	-	-	-	-	41
	3.0	3.1	13	-	-	-	-	-	-	-
	3.0	4.0	-	-	-	-	-	-	-	36
	4.0	EX 1.1	-	-	-	-	29	-	-	-
	EX 1.1	4.1	12	-	-	-	-	-	-	-
	4.0	5.0	-	-	-	-	-	-	78	-
	5.0	5.1	7	-	-	-	-	-	-	-
	5.1	5.2	31	-	-	-	-	-	-	-
	5.0	6.0	-	-	-	-	-	-	31	-
	6.0	7.0	-	-	-	-	-	-	168	-
	7.0	8.0	-	-	-	-	-	-	143	-
	8.0	8.1	16	-	-	-	-	-	-	-
	8.1	8.2	30	-	-	-	-	-	-	-
	8.0	8.3	30	-	-	-	-	-	-	-
	8.0	9.0	-	-	-	-	-	-	285	-
	9.0	9.1	12	-	-	-	-	-	-	-
	9.1	9.2	41	-	-	-	-	-	-	-
	9.0	9.3	30	-	-	-	-	-	-	-
	9.0	10.0	-	-	-	-	-	301	-	-
	10.0	10.1	-	-	-	69	-	-	-	-
	10.1	10.2	-	-	-	35	-	-	-	
	10.2	10.3	35	-	-	-	-	-	-	
	10.0	11.0	-	-	-	-	123	-	-	-
	11.0	11.1	9	-	-	-	-	-	-	-
	11.1	11.2	30	-	-	-	-	-	-	-
	11.0	11.3	41	-	-	-	-	-	-	-
	11.0	12.0	-	-	-	169	-	-	-	-
	12.0	12.1	35	-	-	-	-	-	-	-
	12.0	13.0	-	-	-	66	-	-	-	-
	13.0	13.1	20	-	-	-	-	-	-	-
	13.1	13.2	30	-	-	-	-	-	-	
	13.0	14.0	-	-	298	-	-	-	-	-
	14.0	14.1	28	-	-	-	-	-	-	
	14.0	15.0	-	301	-	-	-	-	-	-
	15.0	15.1	29	-	-	-	-	-	-	-
	15.0	16.0	-	222	-	-	-	-	-	-
	16.0	16.1	23	-	-	-	-	-	-	-
	16.0	17.0	110	-	-	-	-	-	-	-
	17.0	18.0	300	-	-	-	-	-	-	-
	18.0	19.0	32	-	-	-	-	-	-	-
	EX 5.0	20.0	8	-	-	-	-	-	-	-
	30.0	30.1	10	-	-	-	-	-	-	-
	EX.8.0	40.0	-	80	-	-	-	-	-	-
	40.0	40.1	-	8	-	-	-	-	-	-
	40.1	40.2	30	-	-	-	-	-	-	-
PROJECT TOTALS			**992**	**611**	**298**	**339**	**152**	**301**	**705**	**191**

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FINISHING ITEMS

CATEGORY	STATION	TO STATION	LOCATION	(625.0100) TOPSOIL SY	(628.2006) EROSION MAT URBAN CLASS 1 TYPE A SY	(629.0210) FERTILIZER TYPE B CWT	(630.0140) SEEDING MIXTURE NO. 40 LB
0020	81+00	87+00	E.B. COTTAGE GROVE ROAD	607	607	0.38	11
	87+00	93+00	E.B. COTTAGE GROVE ROAD	3,244	3,244	2.04	58
	93+00	99+00	E.B. COTTAGE GROVE ROAD	1,467	1,467	0.92	26
	99+00	105+00	E.B. COTTAGE GROVE ROAD	1,412	1,412	0.89	25
	105+00	111+00	E.B. COTTAGE GROVE ROAD	2,234	2,234	1.41	40
	111+00	117+00	E.B. COTTAGE GROVE ROAD	2,640	2,640	1.66	48
	117+00	123+00	E.B. COTTAGE GROVE ROAD	1,298	1,298	0.82	23
	123+00	125+67	E.B. COTTAGE GROVE ROAD	199	199	0.13	4
		PROJECT TOTALS		**13,100**	**13,100**	**8.25**	**236**

EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	(628.7005) INLET PROTECTION TYPE A EACH	(628.7015) INLET PROTECTION TYPE C EACH	(628.7020) INLET PROTECTION TYPE D EACH	(628.7504) TEMPORARY DITCH CHECKS LF	(628-7570) ROCK BAGS EACH	(SPV.0090.XX) TUBULAR SEDIMENT CONTROL LF
0020	69+00		75+00	E.B. COTTAGE GROVE ROAD	-	10	-	-	-	366
	75+00		81+00	E.B. COTTAGE GROVE ROAD	-	2	-	-	-	-
	81+00		87+00	E.B. COTTAGE GROVE ROAD	-	8	-	-	-	549
	87+00		93+00	E.B. COTTAGE GROVE ROAD	-	5	5	-	1	713
	93+00		99+00	E.B. COTTAGE GROVE ROAD	-	7	4	-	-	604
	99+00		105+00	E.B. COTTAGE GROVE ROAD	1	4	4	1	6	66
	105+00		111+00	E.B. COTTAGE GROVE ROAD	2	5	11	1	2	224
	111+00		117+00	E.B. COTTAGE GROVE ROAD	-	1	5	5	-	646
	117+00		123+00	E.B. COTTAGE GROVE ROAD	4	3	10	3	2	337
	123+00		126+00	E.B. COTTAGE GROVE ROAD	-	-	-	1	-	-
				PROJECT TOTALS	**7**	**45**	**39**	**10**	**11**	**3505**

MOBILIZATIONS

CATEGORY	(628.1905) EROSION CONTROL EACH	(628.1910) EMERGENCY EROSION CONTROL EACH
0020	10	12
PROJECT TOTALS	**10**	**12**

TRACKING PADS

CATEGORY	LOCATION	(628.7560) EACH
0020	BEGIN PROJECT	1
	END PROJECT	1
	UNDISTRIBUTED	11
	PROJECT TOTAL	**13**

UTILITY LINE OPENING (ULO)

CATEGORY	STATION	LOCATION	(SPV.0060.XX) EACH
0020	121+71.50	LT-59.00	1
		UNDISTRIBUTED	20
		PROJECT TOTAL	**21**

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REMOVING STORM SEWER STRUCTURES

CATEGORY	STATION	LOCATION	OFFSET	(204.0210) REMOVING MANHOLES EACH	(204.0220) REMOVING INLETS EACH
0020	88+76.00	E.B. COTTAGE GROVE RD	RT-29.00'	-	1
	91+06.50	E.B. COTTAGE GROVE RD	LT-17.50'	-	1
	95+21.25	E.B. COTTAGE GROVE RD	LT-18.50'	-	1
	108+63.50	E.B. COTTAGE GROVE RD	RT-23.00'	-	1
	110+04.50	E.B. COTTAGE GROVE RD	RT-23.00'	-	1
	110+15.50	E.B. COTTAGE GROVE RD	RT-40.00'	-	1
	110+17.00	E.B. COTTAGE GROVE RD	LT-44.00'	-	1
	110+50.00	E.B. COTTAGE GROVE RD	RT-34.50'	-	1
	110+65.50	E.B. COTTAGE GROVE RD	LT-66.00'	-	1
	110+67.50	E.B. COTTAGE GROVE RD	LT-74.50'	-	1
	111+03.50	E.B. COTTAGE GROVE RD	LT-65.00'	-	1
	111+04.50	E.B. COTTAGE GROVE RD	LT-45.00'	1	-
	111+86.00	E.B. COTTAGE GROVE RD	RT-37.50'	1	-
	119+58.50	E.B. COTTAGE GROVE RD	RT-30.50'	-	1
	120+64.00	E.B. COTTAGE GROVE RD	RT-43.75'	-	1
	121+09.50	E.B. COTTAGE GROVE RD	LT-50.50'	-	1
	121+16.00	E.B. COTTAGE GROVE RD	LT-51.50'	1	-
	122+05.50	E.B. COTTAGE GROVE RD	LT-55.30'	-	1
	122+50.50	E.B. COTTAGE GROVE RD	LT-42.00'	1	-
	122+50.00	E.B. COTTAGE GROVE RD	RT-34.50'	-	1
		PROJECT TOTALS		**4**	**16**

SANITARY SEWER STRUCTURES

CATEGORY	STRUCTURE NUMBER	STATION	LOCATION	FINAL RIM	TEMP RIM ELEV.	EXISTING TOP OF	EXISTING ADJUST	NET ADJUST	IE	DEPTH	(SPV.0060.XX) ADJUST SEWER ACCESS STRUCTURE SPECIAL EACH	(611.8110) ADJUSTING MANHOLE COVERS EACH	NOTES
0010	EX.7545-004	124'CG'+20.03	LT-42.98	959.40	-	959.40	1.00	0	946.05	13.35	-	-	-
	EX.7545-005	122'CG'+33.37	LT-24.71	962.31	-	961.95	0.67	0.36	946.88	15.43	1	-	-
	EX.7445-018	121'CG'+19.97	LT-27.73	963.70	-	963.17	0.92	0.53	947.12	16.58	1	-	-
	EX.7445-010	120'CG'+63.50	LT-27.38	964.26	-	963.89	0.58	0.37	953.64	10.62	-	1	-
	EX.7445-011	118'CG'+45.52	LT-30.10	967.20	-	966.45	0.42	0.75	956.25	10.95	1	-	-
	EX.7445-012	115'CG'+37.86	LT-33.17	975.02	-	975.11	0.25	-0.09	965.61	9.41	-	1	-
	EX.7446-010	120'CG'+85.89	RT-14.91	963.53	-	963.45	0.08	0.08	947.75	15.78	-	1	-
								PROJECT TOTALS			**3**	**3**	**-**

REMOVING STORM SEWER

CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	LOCATION	(204.0245.01) SIZE 01. 12-INCH OR LESS LF	(204.0245.02) SIZE 02 15-INCH TO 30-INCH LF	(204.0245.03) SIZE 03 42-INCH LF	(204.0245.04) SIZE 04 19-INCH X 30-INCH LF	(204.0245.05) SIZE 05 24-INCH X 36-INCH LF
0020	86+73.30	RT-29.50'		87+04.65	RT-29.50'	E.B. COTTAGE GROVE RD	-	31	-	-	-
	87+34.00	RT-29.00'		88+75.75	RT-28.75'	E.B. COTTAGE GROVE RD	141	-	-	-	-
	91+06.00	LT-17.30'		91+06.00	LT-19.00'	E.B. COTTAGE GROVE RD	-	15	-	-	-
	95+21.25	LT-18.50'		95+25.50	LT-22.00'	E.B. COTTAGE GROVE RD	5	-	-	-	-
	101+70.00	RT-34.50'		102+28.25	RT-43.50'	E.B. COTTAGE GROVE RD	-	59	-	-	-
	108+63.50	RT-22.75'		109+00.00	RT-36.50'	E.B. COTTAGE GROVE RD	41	-	-	-	-
	110+04.50	RT-23.00'		110+15.50	RT-39.50'	E.B. COTTAGE GROVE RD	20	-	-	-	-
	110+15.50	RT-39.50'		111+86.00	RT-37.50'	E.B. COTTAGE GROVE RD	-	-	-	170	-
	111+86.00	RT-37.50'		112+71.50	RT-28.50'	E.B. COTTAGE GROVE RD	-	-	-	84	-
	110+16.75	LT-44.00'		111+04.50	LT-45.00'	E.B. COTTAGE GROVE RD	-	87	-	-	-
	111+04.50	LT-45.00'		111+91.00	LT-46.50'	E.B. COTTAGE GROVE RD	-	87	-	-	-
	110+66.00	LT-66.00'		110+67.50	LT-75.00'	E.B. COTTAGE GROVE RD	6	-	-	-	-
	110+67.50	LT-75.00'		111+02.25	LT-64.50'	E.B. COTTAGE GROVE RD	-	35	-	-	-
	111+02.25	LT-64.50'		111+04.50	LT-45.00'	E.B. COTTAGE GROVE RD	-	19	-	-	-
	114+70.50	RT-33.75'		115+05.00	RT-33.50'	E.B. COTTAGE GROVE RD	-	34	-	-	-
	114+62.00	LT-65.50'		114+72.50	LT-46.25'	E.B. COTTAGE GROVE RD	21	-	-	-	-
	115+82.75	LT-37.50'		116+20.50	LT-37.50'	E.B. COTTAGE GROVE RD	-	-	-	-	40
	117+40.25	RT-29.50'		117+71.50	RT-29.50'	E.B. COTTAGE GROVE RD	-	32	-	-	-
	118+12.00	RT-30.00'		118+45.00	RT-30.50'	E.B. COTTAGE GROVE RD	-	32	-	-	-
	119+26.75	RT-31.25'		119+58.25	RT-30.50'	E.B. COTTAGE GROVE RD	-	32	-	-	-
	119+58.50	RT-30.50'		120+66.00	RT-32.50'	E.B. COTTAGE GROVE RD	-	107	-	-	-
	120+66.00	RT-32.50'		120+64.00	RT-44.00'	E.B. COTTAGE GROVE RD	11	-	-	-	-
	120+49.50	LT-41.00'		121+16.00	LT-51.50'	E.B. COTTAGE GROVE RD	-	67	-	-	-
	121+16.00	LT-51.50'		121+16.00	LT-93.00'	E.B. COTTAGE GROVE RD	-	41	-	-	-
	121+16.00	LT-51.00'		122+05.50	LT-55.50'	E.B. COTTAGE GROVE RD	-	89	-	-	-
	122+05.50	LT-55.50'		122+50.50	LT-42.00'	E.B. COTTAGE GROVE RD	-	47	-	-	-
	122+50.50	LT-42.00'		122+50.00	RT-37.75'	E.B. COTTAGE GROVE RD	-	-	77	-	-
	122+07.50	RT-31.00'		122+34.00	RT-32.00'	E.B. COTTAGE GROVE RD	-	27	-	-	-
				PROJECT TOTALS			**245**	**841**	**77**	**254**	**40**

PERMANENT SIGNING, CITY OF MADISON FURNISHED SIGNS

SIGN #	SIGN CODE	SIGN SIZE (IN x IN)	SPV.0000.000 ERECTING CITY-OWNED SIGNS TYPE II (EACH)	SIGN MOUNTED ON SAME POST AS…	REMARKS
2-01	R3-17 MODIFIED	18X24	1	1-09	BIKE LANE
2-02	R3-17 MODIFIED	18X24	1	1-15	BIKE LANE
2-03	D3-1	N/A	1	SIGNAL, 2-04, 1-18	NORTH STAR DR
2-04	D3-1	N/A	1	SIGNAL, 2-05, 1-18	COTTAGE GROVE RD
2-05	R3-17 MODIFIED	18X24	1	1-19	BIKE LANE
2-06	R3-17 MODIFIED	18X24	1	1-32	BIKE LANE
2-07	D3-1	N/A	1	STREET LIGHT, 2-08, 1-34	GEMINI DR
2-08	D3-1	N/A	1	STREEET LIGHT, 2-07, 1-34	COTTAGE GROVE RD
2-09	R3-17 MODIFIED	18X24	1	1-37	BIKE LANE
2-10	R3-17 MODIFIED	18X24	1	1-39	BIKE LANE
2-11	R3-17 MODIFIED	18X24	1	1-42	BIKE LANE
2-12	R3-17 MODIFIED	18X24	1	1-51	BIKE LANE
2-13	D3-1	N/A	1	STREET LIGHT, 2-14, 1-52, 1-	MCLEAN DR
2-14	D3-1	N/A	1	STREET LIGHT, 2-13, 1-52, 1-	COTTAGE GROVE RD
2-15	R3-17 MODIFIED	18X24	1	1-73	BIKE LANE
2-16	R3-17 MODIFIED	18X24	1	1-74	BIKE LANE
2-17	D3-1	N/A	1	2-18, 1-79	MCCLELLAN DR
2-18	D3-1	N/A	1	2-17, 1-79	COTTAGE GROVE RD
2-19	R3-17 MODIFIED	18X24	1	1-88	BIKE LANE
2-20	R3-17 MODIFIED	18X24	1	1-96	BIKE LANE
2-21	D3-1	N/A	1	STREET LIGHT, 2-22	SPRECHER RD
2-22	D3-1	N/A	1	STREET LIGHT, 2-21	COTTAGE GROVE RD
CITY FURNISHED SIGNS TOTALS			22		

PERMANENT SIGNING, CONTRACTOR FURNISHED SIGNS

SIGN #	SIGN CODE	SIGN SIZE (IN x IN)	637.2210 SIGNS REFLECTIVE TYPE II:H (SF)	634.0805 POSTS TUBULAR STEEL 2X2-INCH X 5-FT	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT	SIGN MOUNTED ON SAME POST AS…	REMARKS
1-01	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-02	W6-1	36X36	9.00				1		DIVIDED HIGHWAY
1-03	W6-1	36X36	9.00				1		DIVIDED HIGHWAY
1-04	R7-1LR	12X18	1.50			1		1-05	NO PARKING ANYTIME: DOUBLE ARROW
1-05	W12-1 MODIFIED	30X30	6.25					1-04	DOWN LEFT ARROW
1-06	W12-1 MODIFIED	30X30	6.25			1			DOWN LEFT ARROW
1-07	R2-1	30X36	7.50				1	1-08	SPEED LIMIT 35 MPH
1-08	M1-5A	24X24	4.00					1-07	COUNTY ROUTE SIGN
1-09	R7-1LR	12X18	1.50			1		2-01	NO PARKING ANYTIME: DOUBLE ARROW
1-10	R7-1LR	12X18	1.50					STREET LIGHT, 1-11	NO PARKING ANYTIME: DOUBLE ARROW
1-11	W12-1 MODIFIED	30X30	6.25					STREET LIGHT, 1-10	DOWN LEFT ARROW
1-12	R7-1LR	12X18	6.25					STREET LIGHT	NO PARKING ANYTIME: DOUBLE ARROW
1-13	W6-3	36X36	9.00			1			TWO-WAY TRAFFIC
1-14	R4-7	24X30	5.00	1					KEEP RIGHT
1-15	R7-1LR	12X18	1.50			1		2-02	NO PARKING ANYTIME: DOUBLE ARROW
1-16	W4-2	36X36	9.00				1		LANE ENDS
1-17	R4-7	24X30	5.00					SIGNAL	KEEP RIGHT
1-18	R4-7	24X30	5.00					SIGNAL, 2-03, 2-04	KEEP RIGHT
1-19	R7-1LR	12X18	1.50			1		2-05	NO PARKING ANYTIME: DOUBLE ARROW
1-20	R2-1	30X36	7.50				1		SPEED LIMIT 25 MPH
1-21	R4-7	24X30	5.00	1					KEEP RIGHT
1-22	R7-1LR	12X18	1.50			1			NO PARKING ANYTIME: DOUBLE ARROW
1-23	R2-1	30X36	7.50				1	1-24	SPEED LIMIT 35 MPH
1-24	M1-5A	24X24	4.00				1	1-23	COUNTY ROUTE SIGN
1-25	R2-1	30X36	7.50					STREET LIGHT, 1-26	SPEED LIMIT 35 MPH
1-26	M1-5A	24X24	4.00					STREET LIGHT, 1-25	COUNTY ROUTE SIGN
1-27	W9-1	36X36	9.00			1			RIGHT LANE ENDS
1-28	R2-1	30X36	7.50				1	1-29	SPEED LIMIT 35 MPH
1-29	M1-5A	24X24	4.00					1-28	COUNTY ROUTE SIGN
1-30	R2-1	30X36	7.50				1	1-31	SPEED LIMIT 35 MPH
1-31	M1-5A	24X24	4.00					1-30	COUNTY ROUTE SIGN
1-32	R7-1LR	12X18	1.50			1		2-06	NO PARKING ANYTIME: DOUBLE ARROW
1-33	R4-7	24X30	5.00	1					KEEP RIGHT
1-34	R1-1	36X36	9.00					STREET LIGHT, 2-07, 2-08	STOP
1-35	R7-1LR	12X18	1.50			1			NO PARKING ANYTIME: DOUBLE ARROW
1-36	R4-7	24X30	5.00	1					KEEP RIGHT
1-37	R7-1LR	12X18	1.50			1		2-09	NO PARKING ANYTIME: DOUBLE ARROW
1-38	R4-7	24X30	5.00	1					KEEP RIGHT
1-39	R7-1LR	12X18	1.50			1		2-10	NO PARKING ANYTIME: DOUBLE ARROW
1-40	W12-1	30X30	6.25	1					DOUBLE ARROW
1-41	R6-2R	30X36	7.50		1				ONE WAY: RIGHT ARROW
		SHEET SUBTOTAL	215.25	6	1	12	10		

PERMANENT SIGNING, CONTRACTOR FURNISHED SIGNS (CONTINUED)

SIGN #	SIGN CODE	SIGN SIZE (IN x IN)	637.2210 SIGNS REFLECTIVE TYPE II:H (SF)	634.0805 POSTS TUBULAR STEEL 2X2-INCH X 5-FT	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT	SIGN MOUNTED ON SAME POST AS…	REMARKS
1-42	R7-1LR	12X18	1.50			1		2-11	NO PARKING ANYTIME: DOUBLE ARROW
1-43	R4-7	24X30	5.00	1					KEEP RIGHT
1-44	W12-1	30X30	6.25	1				--	DOUBLE ARROW
1-45	R6-2R	30X36	7.50		1			--	ONE WAY: RIGHT ARROW
1-46	R7-1LR	12X18	1.50			1		--	NO PARKING ANYTIME: DOUBLE ARROW
1-47	R2-1	30X36	7.50				1	1-48	SPEED LIMIT 35 MPH
1-48	M1-5A	24X24	4.00					1-47	COUNTY ROUTE SIGN
1-49	R2-1	30X36	7.50				1	1-50	SPEED LIMIT 35 MPH
1-50	M2-51	24X24	4.00					1-49	COUNTY ROUTE SIGN
1-51	R7-1LR	12X18	1.50			1		2-12	NO PARKING ANYTIME: DOUBLE ARROW
1-52	W11-2	36X36	9.00					STREET LIGHT, 1-53, 2-13, 2-	PEDESTRIAN WARNING SIGN
1-53	W16-7P-R	24X12	2.00					STREET LIGHT, 1-52, 2-13, 2-	DOWNWARD DIAGONAL ARROW: RIGHT
1-54	W11-2	36X36	9.00					STREET LIGHT, 1-55, 1-56	PEDESTRIAN WARNING SIGN
1-55	W16-7P-R	24X12	2.00					STREET LIGHT, 1-54, 1-56	DOWNWARD DIAGONAL ARROW: RIGHT
1-56	R4-7	24X30	5.00					STREET LIGHT, 1-54, 1-55	KEEP RIGHT
1-57	W11-2	36X36	9.00				1	1-58	PEDESTRIAN WARNING SIGN
1-58	W16-7P	24X12	2.00					1-57	DOWNWARD DIAGONAL ARROW: LEFT
1-59	R1-1	36X36	9.00				1		STOP
1-60	R4-7	24X30	5.00					STREET LIGHT	KEEP RIGHT
1-61	R1-1	36X36	9.00					STREET LIGHT	STOP
1-62	R4-7	24X30	5.00					STREET LIGHT	KEEP RIGHT
1-63	R1-1	36X36	9.00				1	--	STOP
1-64	W11-2	36X36	9.00					STREET LIGHT, 1-65, 1-66	PEDESTRIAN WARNING SIGN
1-65	W16-7P-R	24X12	2.00					STREET LIGHT, 1-64, 1-66	DOWNWARD DIAGONAL ARROW: RIGHT
1-66	R4-7	24X30	5.00					STREET LIGHT, 1-64, 1-65	KEEP RIGHT
1-67	W11-2	36X36	9.00					STREET LIGHT, 1-68	PEDESTRIAN WARNING SIGN
1-68	W16-7P-R	24X12	2.00					STREET LIGHT, 1-67	DOWNWARD DIAGONAL ARROW: RIGHT
1-69	W11-2	36X36	9.00				1	1-70	PEDESTRIAN WARNING SIGN
1-70	W16-7P	24X12	2.00					1-69	DOWNWARD DIAGONAL ARROW: LEFT
1-71	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-72	R7-1LR	12X18	1.50			1			NO PARKING ANYTIME: DOUBLE ARROW
1-73	R7-1LR	12X18	1.50			1		2-15	NO PARKING ANYTIME: DOUBLE ARROW
1-74	R7-1LR	12X18	1.50			1		2-16	NO PARKING ANYTIME: DOUBLE ARROW
1-75	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-76	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-77	R7-1LR	12X18	1.50			1			NO PARKING ANYTIME: DOUBLE ARROW
1-78	R4-7	24X30	5.00					STREET LIGHT	KEEP RIGHT
1-79	R1-1	36X36	9.00				1	2-17, 2-18	STOP
1-80	R1-1	36X36	9.00				1		STOP
1-81	R4-7	24X30	5.00	1					KEEP RIGHT
1-82	W3-3	36X36	9.00			1			SIGNAL AHEAD
		SHEET SUBTOTAL	224.75	3	1	8	11		

PERMANENT SIGNING, CONTRACTOR FURNISHED SIGNS (CONTINUED)

SIGN #	SIGN CODE	SIGN SIZE (IN x IN)	637.2210 SIGNS REFLECTIVE TYPE II:H (SF)	634.0805 POSTS TUBULAR STEEL 2X2-INCH X 5-FT	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT	SIGN MOUNTED ON SAME POST AS…	REMARKS
1-83	R7-1LR	12X18	1.50			1			NO PARKING ANYTIME: DOUBLE ARROW
1-84	R2-1	30X36	7.50				1	1-85	SPEED LIMIT 35 MPH
1-85	M1-5A	24X24	4.00					1-84	COUNTY ROUTE SIGN
1-86	R2-1	30X36	7.50				1	1-87	SPEED LIMIT 35 MPH
1-87	M1-5A	24X24	4.00					1-86	COUNTY ROUTE SIGN
1-88	R7-1LR	12X18	1.50			1		2-19	NO PARKING ANYTIME: DOUBLE ARROW
1-89	R2-1	30X36	7.50				1	1-90	SPEED LIMIT 35 MPH
1-90	M1-5A	24X24	4.00					1-89	COUNTY ROUTE SIGN
1-91	R2-1	30X36	7.50				1	1-92	SPEED LIMIT 35 MPH
1-92	M1-5A	24X24	4.00					1-91	COUNTY ROUTE SIGN
1-93	R4-7	24X30	5.00	1				--	KEEP RIGHT
1-94	R4-7	24X30	5.00					STREET LIGHT	KEEP RIGHT
1-95	R7-1LR	12X18	1.50			1			NO PARKING ANYTIME: DOUBLE ARROW
1-96	R7-1LR	12X18	1.50			1		2-20	NO PARKING ANYTIME: DOUBLE ARROW
1-97	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-98	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-99	R4-7	24X30	5.00					STREET LIGHT	KEEP RIGHT
1-100	R3-7	30X30	6.25				1	1-101, 1-102	LEFT LANE MUST TURN LEFT
1-101	R14-1	24X18	3.00					1-100, 1-102	TRUCK ROUTE
1-102	M6-4	21X15	2.19					1-100, 1-101	DIRECTION ARROW: DOUBLE ARROW
1-103	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-104	R3-7	30X30	6.25				1		LEFT LANE MUST TURN LEFT
1-105	W6-1	36X36	9.00				1		DIVIDED HIGHWAY
1-106	R2-1	30X36	7.50				1		SPEED LIMIT 35 MPH
1-107	R2-1	30X36	7.50				1		SPEED LIMIT 40 MPH
1-108	W3-3	36X36	9.00			1			SIGNAL AHEAD
		SHEET SUBTOTAL	140.19	1	0	5	12		

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CONDUIT (LIGHTING)

CATEGORY			652.0235 SCHEDULE 40 3"	652.0225 SCHEDULE 40 2"	652.0325 SCHEDULE 80 2"	655.0630 4 AWG	655.0620 8 AWG	
0030	SL9460	HH1	-	6	-	18	6	1-2"
	HH1	SL9461	-	153	-	459	153	1-2"
	SL9461	HH2	-	118	-	354	118	1-2"
	HH2	HH3	-	-	-	126	42	-
	HH3	SL8604	-	-	-	120	40	-
	HH6	HH8	-	-	51	153	51	1-2"
	SL8605	SL9462	-	-	-	393	131	-
	HH16	SL9463	-	-	145	435	145	1-2"
	SL9463	SL9464	-	149	-	447	149	1-2"
	SL9464	HH22	-	57	-	171	57	1-2"
	HH22	HH23	-	7	-	21	7	1-2"
	HH22	HH25	-	-	118	354	118	1-2"
	SL8614	HH31	-	11	-	33	11	1-2"
	HH31	HH33	-	-	50	150	50	1-2"
	HH33	HH35	-	45	-	135	45	1-2"
	HH35	HH38	-	-	36	108	36	1-2"
	HH38	SL9810	-	4	-	12	4	1-2"
	HH38	HH40	-	-	37	111	37	1-2"
	HH40	HH42	-	50	-	150	50	1-2"
	HH42	HH43	-	-	38	114	38	1-2"
	HH43	SL9465	-	8	-	24	8	1-2"
	HH43	SL9466	-	173	-	519	173	1-2"
	SL9466	SL9467	-	185	-	555	185	1-2"
	SL9467	SL9468	-	185	-	555	185	1-2"
	SL9468	HH49	-	167	-	501	167	1-2"
	SL9468	SL9469	-	5	-	15	5	1-2"
	SL9469	SL9470	-	89	100	567	189	1-2"
	SL9470	SL9471	-	182	-	546	182	1-2"
	SL9471	SL9472	-	112	75	561	187	1-2"
	SL9472	SL9473	-	186	-	558	186	1-2"
	SL9473	SL9474	-	190	-	570	190	1-2"
	SL9474	HH60	-	86	-	258	86	1-2"
	HH60	SL9475	-	-	-	144	48	1-2"
	HH60	HH62	-	-	43	129	43	1-2"
	HH62	HH65	-	62	-	186	62	1-2"
	HH65	HH70	-	-	65	195	65	1-2"
	HH70	HH72	-	32	-	96	32	1-2"
	HH72	SL9476	-	-	-	21	7	1-2"
		TOTALS	0	2262	758	9864	3288	

CONDUIT (SIGNALS)

CATEGORY	FROM	TO	652.0235 SCHEDULE 40 3" (LF)	652.0225 SCHEDULE 40 2" (LF)	652.0335 SCHEDULE 80 3" (LF)	COMMENT
0040	HH1	HH2	269	-	-	1-3"
	HH5	HH10	-	56	-	1-2"
	HH11	TS2	-	9	-	1-2"
	HH13	TS3	-	18	-	1-2"
	HH13	HH80	60	-	-	1-3"
	HH80	TS4	-	9	-	1-2"
	HH80	EXISTING	-	-	9	1-3" *
	HH6	HH8	-	-	102	2-3"
	HH6	HH16	-	-	302	2-3"
	SL8605	SL9462	-	-	131	1-3"
	HH8	TS13	-	5	-	1-2"
	HH8	TS10	-	30	-	1-2"
	HH8	HH14	-	-	124	1-3"
	HH14	TS8	-	48	-	1-2"
	HH14	HH12	62	-	-	1-3"
	HH12	TS9	-	4	-	1-2"
	HH12	TS7	-	7	-	1-2"
	HH14	HH18	-	20	-	1-2"
	HH14	HH16	-	-	72	2-3"
	HH16	SL9462	5	-	-	1-3"
	HH16	HH15	7	-	-	1-3"
	HH16	HH22	347	-	-	1-3"
	HH22	HH21	-	-	47	1-3"
	HH22	HH25	-	-	118	1-3"
	HH25	HH24	-	-	51	1-3"

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CONDUIT (SIGNALS)

CATEGORY	FROM	TO	652.0235 SCHEDULE 40 3" (LF)	652.0225 SCHEDULE 40 2" (LF)	652.0335 SCHEDULE 80 3" (LF)	COMMENT
	HH29	HH30	-	118	-	1-2"
	HH30	HH31	-	102	-	1-2"
	HH31	HH33	-	-	100	2-3"
	HH33	HH35	47	-	-	1-3"
	HH35	HH38	-	-	37	1-3"
	HH38	HH40	-	-	37	1-3"
	HH40	HH42	52	-	-	1-3"
	HH42	HH43	-	-	76	2-3"
	HH43	EXISTING	-	7	-	1-2" *
	HH43	EXISTING	-	6	-	1-2" *
	HH43	HH44	-	-	98	2-3"
	HH44	EXISTING	-	8	-	1-2" *
	HH45	HH46	-	128	-	1-2"
	HH43	HH47	508	-	-	1-3"
	HH47	HH52	212	-	102	1-3"
	HH49	HH50	-	-	37	1-3"
	HH49	HH50	-	-	49	1-3"
	HH53	HH52	-	-	50	1-3"
	HH52	HH51	-	-	35	1-3"
	HH52	HH54	400	-	75	1-3"
	HH54	HH57	273	-	-	1-3"
	HH55	HH57	-	119	-	1-2"
	HH57	HH60	153	153	-	1-2", 1-3"
	HH60	SL9475	24	-	-	1-3"
	HH60	HH62	-	-	84	2-3"
	HH62	TC3	33	-	-	3-3"
	TC3	TS26	-	10	-	1-2"
	HH62	HH65	126	-	-	2-3"
	HH65	TS15	5	-	-	1-3"
	HH65	HH70	-	-	130	2-3"
	HH70	TS17	16	-	-	1-3"
	HH70	HH72	64	-	-	2-3"
	HH72	SL9476	7	-	-	1-3"
	HH72	HH71	-	-	148	2-3"
	HH71	TS27	8	-	-	1-3"
	HH71	HH78	80	-	-	2-3"
	HH78	TS21	11	-	-	1-3"
	HH78	HH79	-	43	-	1-2"
	HH60	HH61	-	-	116	2-3"
	HH44	TS30	-	13	-	1-2"
	TT42	TS29	-	11	-	1-2"
	HH61	TS28	-	14	-	1-2"
		TOTALS	2769	938	2130	

PULLBOX

CATEGORY	STRUCTURE	STATION	OFFSET	SPV TYPE 1 EACH	SPV TYPE 3 EACH	SPV TYPE 5 EACH	SPV TYPE 7 EACH
0040	HH1	15+85.2 WB	27' L	-	-	1	-
	HH3	15+52.3 WB	10.8' R	-	-	1	-
	HH5	21+58.4 WB	31.3' L	1	-	-	-
	HH6	21+58 WB	4.8' R	-	-	-	1
	HH8	81+37 EB	31.1' R	1	-	-	-
	HH10	21+03.9 WB	51.8' L	-	1	-	-
	HH12	87+04.9	52.5' R	1	-	-	-
	HH13	21+79.4 WB	65.6' L	-	-	1	-
	HH14	81+61 EB	31.4' R	1	-	-	-
	HH15	87+61.9 EB	10.3' L	-	-	-	-
	HH16	87+66 EB	4.9' L	-	-	1	-
	HH18	87+80 EB	31.3' R	-	1	-	-
	HH22	91+12 EB	14.9' L	1	-	-	-
	HH21	91+12 EB	31.9' R	1	-	-	-
	HH23	91+17.2 EB	20' L	-	-	-	-
	HH24	92+30 EB	32' R	1	-	-	-
	HH29	99+59 EB	5.8' L	-	1	-	-
	HH30	100+75 EB	14.5' L	1	-	-	-
	HH31	101+77 EB	17.5' L	-	-	1	-
	HH34	101+85.6 EB	17.7' L	-	-	-	-
	HH33	101+85 EB	31.4' R	1	-	-	-
	HH35	102+16 EB	59' R	1	-	-	-
	HH38	102+57 EB	65.5' R	1	-	-	-
	HH40	102+89 EB	63.4' R	1	-	-	-
	HH42	103+21 EB	31.4' R	1	-	-	-
	HH41	103+21 EB	5.9' L	-	-	-	-
	HH43	103+26.7 EB	5.8' L	-	-	1	-
	HH44	37+72.5 WB	31.3' L	1	-	-	-
	HH46	39+96 WB	30.9' L	-	1	-	-
	HH47	108+39 EB	7.1' L	1	-	-	-

PULLBOX

CATEGORY	STRUCTURE	STATION	OFFSET	SPV TYPE 1 EACH	SPV TYPE 3 EACH	SPV TYPE 5 EACH	SPV TYPE 7 EACH
	HH48	110+29 EB	31.8' R	1	-	-	-
	HH49	110+31 EB	16.6' L	-	-	1	-
	HH50	87+62 WB	10.3' L	1	-	-	-
	HH51	111+47 EB	31.5' R	1	-	-	-
	HH52	111+48 EB	3.8' L	-	-	1	-
	HH53	45+93 WB	32.3' L	1	-	-	-
	HH54	116+24 EB	3.7' L	1	-	-	-
	HH55	117+79 EB	4.8' L	-	1	-	-
	HH56	118+51.3 EB	16.2' R	-	-	-	-
	HH57	118+97 EB	13.4' L	1	-	-	-
	HH58	119+13.6 EB	19.4' R	-	-	-	-
	HH59	119+62.3 EB	22' R	-	-	-	-
	HH60	120+50 EB	14.8' L	-	-	-	1
	HH61	120+67 EB	36.3' R	1	-	-	-
	HH62	55+01 WB	31.4' L	-	-	1	-
	HH63	55+20.8 WB	18' L	-	-	-	-
	HH64	55+41.5 WB	27.2' L	-	-	-	-
	HH65	55+47.6 WB	54.8' L	-	-	1	-
	HH66	55+54.6 WB	50' L	-	-	-	-
	HH67	121+81.7 EB	24.5' R	-	-	-	-
	HH68	121+50 EB	92.5' R	-	-	-	-
	HH69	121+57 EB	44.1' R	-	-	-	-
	HH70	56+14.3 WB	47.7' L	1	-	-	-
	HH71	121+85.6 EB	24.3'R	1	-	-	-
	HH72	56+38.1 WB	31' L	-	-	1	-
	HH73	56+41.7 WB	19.7' L	-	-	-	-
	HH74	58+06.9 WB	17.6' L	-	1	-	-
	HH75	58+06.8 WB	15.8' L	-	-	-	-
	HH76	58+88.6 WB	18.1' L	1	-	-	-
	HH77	58+88.8 WB	16' L	-	-	-	-
	HH78	121+61.3 EB	50.3' R	1	-	-	-
	HH79	121+59.3 WB	92.9' R	-	1	-	-
	HH80	22+10.1 WB	31.1' L	1	-	-	-
	HH81	55+49.0 WB	111.7' L	1	-	-	-
	TOTALS			28	7	11	2

CONCRETE BASE (SIGNALS)

CATEGORY	STRUCTURE	STATION	OFFSET	SPV TYPE G EACH	SPV TYPE LB-8 EACH	SPV TYPE P EACH	SPV REMARKS EACH	SPV OFFSET EACH	COMMENTS
0040	TS13	86+39.7 EB	35.9' R	1	-	-		-	
	TS12	86+40 EB	21.7' R	-	-	-		-	
	TS11	86+65 EB	24.3' R	-	-	-		-	
	TS10	86+66.7 EB	34.5' R	1	-	-		-	
	TS2	21+41.9 WB	50.7' R	1	-	-		-	
	TS9	87+06.2 EB	48.1' R	1	-	-		-	
	TS8	87+13.3 EB	34.7' R	1	-	-		-	
	TS3	21+87.9 WB	49.7' L	1	-	-		-	
	TS4	22+02 WB	35.5' L	1	-	-		-	
	TS5	22+06.7 WB	34.5' L	-	-	-		-	
	TS6	87+62.5 EB	24.3' R	-	-	-		-	
	TS7	87+57.7 EB	36.4' R	1	-	-		-	
	TC3	55+11.9 WB	34.3' L	-	-	1		-	
	TS25	55+17 WB	18.1' L	-	-	-		-	
	TS26	55+21 WB	34.2' L	-	1	-		-	
	TC4	55+37.4 WB	30.7' L	-	-	-		-	
	TS15	55+37.5 WB	44.5' L	1	-	-		-	
	TS16	55+50.8 WB	41.4' L	-	-	-		-	
	TS17	56+16 WB	63.1' L	-	1	-		-	
	TS18	56+18 WB	43.9' L	-	-	-		-	
	TS22	121+54.9 EB	54.8' R	-	-	-		-	
	TS21	121+62.6 EB	61.6' R	1	-	-		-	
	TS20	121+82.3 EB	27.8' R	-	-	-		-	
	TS27	121+93.3 EB	26.9' R	-	1	-		-	
	TS19	56+44.4 WB	20.8' L	-	-	-		-	
	TS28	120+78.7 EB	48.8' R	1	-	-		-	
	TS29	103+14.6 EB	40.3'R	1	-	-		-	
	TS30	37+52.2 WB	36.6' L	1	-	-		-	
	UNDISTRIBUTED	-	-	-	-	-		1	
	TOTALS			**13**	**3**	**1**	**0**	**1**	

Are you anticipating rock excavation for any of the light bases?

STREET LIGHTING

CATEGORY	STRUCTURE	STATION	OFFSET	SPV TYPE LB-3 EACH	SPV LB-8 EACH	SPV TYPE M EACH	SPV POLES 30-FOOT 11 GAUGE EACH	SPV POLES 30-FOOT 7 GAUGE EACH	657.0255 TRANSFORMER BASE, ALUMINUM BREAKAWAY 16-INCH EACH	SPV BASE, STEEL 16-INCH EACH	SPV LED LUMINAIRE AND MOUNTING BRACKET TYPE-1 EACH	SPV LED LUMINAIRE AND MOUNTING BRACKET TYPE-2 EACH	SPV LED LUMINAIRE AND MOUNTING BRACKET TYPE-3 EACH	SPV ELECTRIAL WIRE LIGHTING 14-3 UF GROUNDED (LF)	COMMENTS
0030	SL9460	15+80 WB	28.4' L	1	-	-	1	-	1	-	-	1	-	35	
	SL9461	17+36.5 WB	32.4' L	1	-	-	1	-	1	-	-	1	-	35	
	SL9462	22+04 WB	14.7' R	-	1	-	-	1	-	1	-	-	2	35	
	SL9463	23+52 WB	10.1' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9464	24+99 WB	5.75' R	1	-	-	1	-	1	-	-	2	-	35	
	SL8614	36+35.6 WB	7.5' R	1	-	-	1	-	1	-	-	-	2	35	
	SL9810	102+52.2 EB	61.2' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9465	37+62 WB	17.3' R	1	-	-	1	-	1	-	-	-	2	35	
	SL9466	39+42 WB	15.1' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9467	41+24.3 WB	11' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9468	43+14 WB	8.1' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9469	44+74 WB	5.5' R	1	-	-	1	-	1	-	-	-	2	35	
	SL9470	46+67 WB	16' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9471	48+47 WB	10.8' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9472	50+32.2 WB	15.2' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9473	52+17 WB	9.1' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9474	54+06 WB	4.1' R	1	-	-	1	-	1	-	-	2	-	35	
	SL9475	55+16 WB	4.8' R	1	-	-	-	1	-	1	-	-	2	35	
	SL9476	56+45 WB	32.9' L	1	-	-	1	-	-	1	-	-	1	35	
				-	-	-	-	-	-	-	-	-	-	-	
			TOTAL	17	1	0	16	2	15	3	0	23	11	630	

TRAFFIC SIGNAL POLES

CATEGORY	STRUCTURE	657.010 BASE PEDESTAL EACH	SPV MONOTUBE POLES TYPE 9 EACH	SPV 20-FOOT 7 GAUGE EACH	SPV ARM 12' ALUMINUM EACH	SPV ARM 15' ALUMINUM EACH	SPV ARM 22' ALUMINUM EACH	657.0410 STANDARD 9' ALUMINUM EACH	657.0420 STANDARD 13' ALUMINUM EACH	SPV MONOTUBE ARM 30' EACH
0040	TS2	1	-	-	-	-	-	-	1	-
	TS3	1	-	-	-	-	-	-	1	-
	TS4	1	-	-	-	-	-	-	1	-
	SL9462	-	-	-	-	1	-	-	-	-
	TS7	1	-	-	-	-	-	-	1	-
	TS8	1	-	-	-	-	-	-	1	-
	TS9	1	-	-	-	-	-	-	1	-
	TS10	1	-	-	-	-	-	-	1	-
	TS13	1	-	-	-	-	-	-	1	-
	TS26	1	-	-	-	-	-	-	1	-
	TS15	1	-	-	-	-	-	-	1	-
	TS17	-	-	1	-	-	1	-	-	-
	TS27	-	1	-	-	-	-	-	-	1
	SL9475	-	-	-	1	-	-	-	-	-
	TS14	1	-	-	-	-	-	-	1	-
	TOTALS	11	1	1	1	1	1	0	11	1

CABLE & WIRE

CATEGORY	FROM	TO	655.0230 5-14 AWG (LF)	655.0240 7-14 AWG (LF)	655.0250 9-14 AWG (LF)	655.0260 12-14 AWG (LF)	655.0615 10 AWG (LF)	SPV LOOP DETECTOR LEAD-IN CABLE SPECIAL (LF)	SPV FIBER OPTIC CABLE 72-COUNT (LF)
0040									
	COTTAGE GROVE/NORTH STAR								
	TC1	TS2	106	-	-	-	106	-	-
	TC1	TS3	-	151	-	-	151	-	-
	TC1	TS4	-	-	-	180	180	-	-
	TC1	SL9462	693	-	-	-	693	-	-
	TC1	TS7	-	248	-	-	248	-	-
	TC1	TS8	290	-	-	-	290	-	-
	TC1	TS9	310	-	-	-	310	-	-
	TC1	TS10	148	-	-	-	148	-	-
	TC1	TS13	-	123	-	-	123	-	-
	TC1	SL8605	-	-	83	-	83	-	-
	TC1	TS14	42	-	42	-	84	-	-
	TC1	HH5	-	-	-	-	-	25	-
	TC1	HH6	-	-	-	-	-	65	-
	TC1	HH10	-	-	-	-	-	85	-
	TC1	HH4	-	-	-	-	-	150	-
	TC1	HH12	-	-	-	-	-	305	-
	TC1	HH18	-	-	-	-	-	261	-
	TC1	HH16	-	-	-	-	-	550	-
	HH1	HH2	-	-	-	-	-	-	318
	HH2	HH3	-	-	-	-	-	-	91
	HH3	HH6	-	-	-	-	-	-	256
	HH6	HH16	-	-	-	-	-	-	201
	HH16	HH22	-	-	-	-	-	-	397
	HH22	HH25	-	-	-	-	-	-	168
	HH6	TC1	-	-	-	-	-	-	80
	TC1	HH80	-	-	-	-	-	370	-
SUBTOTALS			1589	522	125	180	2416	1811	1511
	COTTAGE GROVE/SPRECHER								
	TC3	TS26	-	-	20	-	20	-	-
	TC3	TS15	-	-	85	-	85	-	-
	TC3	TS17	330	-	-	-	330	-	-
	TC3	SL9476	390	-	-	-	390	-	-
	TC3	TS21	-	313	-	-	313	-	-
	TC3	SL9475	132	66	-	-	198	-	-
	TC3	TS24	-	-	-	115	115	-	-
	TC3	TS27	260	-	260	-	520	-	-
	TC3	HH60	-	-	-	-	-	195	-
	TC3	HH57	-	-	-	-	-	220	-
	TC3	HH55	-	-	-	-	-	250	-
	TC3	HH65	-	-	-	-	-	180	-
	TC3	HH72	-	-	-	-	-	380	-
	TC3	HH78	-	-	-	-	-	295	-
	TC3	HH79	-	-	-	-	-	350	-
	HH25	HH28	-	-	-	-	-	-	730
	HH28	HH34	-	-	-	-	-	-	318
	HH34	HH43	-	-	-	-	-	-	200
	HH43	HH47	-	-	-	-	-	-	558
	HH47	HH52	-	-	-	-	-	-	364
	HH52	HH54	-	-	-	-	-	-	525
	HH54	HH57	-	-	-	-	-	-	325
	HH57	HH60	-	-	-	-	-	-	202
	HH60	HH62	-	-	-	-	-	-	65
	HH62	TC3	-	-	-	-	-	-	25
SUBTOTALS			1112	379	365	115	1971	1870	3312
TOTALS			2701	901	490	295	4387	3681	4823

CABLE TRAFFIC SIGNAL

CATEGORY	AT POLE #	TO HEAD #	655.0230 5-14 AWG (LF)	655.0240 7-14 AWG (LF)	655.0250 9-14 AWG (LF)	655.0260 12-14 AWG (LF)
0040						
	COTTAGE GROVE/NORTH STAR					
	TS1	1	15	-	-	-
	TS2	2	15	-	-	-
	TS3	3	15	-	-	-
	TS4	4, 17, 18	-	-	-	15
	SL9462	5	15	-	-	-
	SL9462	6	40	-	-	-
	SL9462	19, 20	15	-	-	-
	TS7	7, 12	-	15	-	-
	TS8	8	15	-	-	-
	TS9	9	15	-	-	-
	TS10	10	15	-	-	-
	TS13	11, 22	-	15	-	-
	TS14	15, 16, 23	-	-	30	-
	TS14	14	35	-	-	-
			-	-	-	-
SUBTOTAL			195	30	30	15
CATEGORY	AT POLE #	TO HEAD #	655.0230 5-14 AWG (LF)	655.0240 7-14 AWG (LF)	655.0250 9-14 AWG (LF)	655.0260 12-14 AWG (LF)
40						
	COTTAGE GROVE/SPRECHER					
	TS26	24, 42	-	-	15	-
	TS15	25, 26	-	-	15	-
	TS17	27	50	-	-	-
	TS17	28	15	-	-	-
	SL9476	29	15	-	-	-
	SL9476	30	15	-	-	-
	TS27	31, 32	-	-	50	-
	TS27	33	15	-	-	-
	TS21	34, 35	-	15	-	-
	TS24	37, 38, 43	-	-	-	15
	SL9475	44, 45	15	-	-	-
	SL9475	39, 40	-	15	-	-
	SL9475	41	32	-	-	-
			-	-	-	-
			-	-	-	-
SUBTOTAL			157	30	80	15
TOTALS			352	60	110	30

TRAFFIC SIGNALS

CATEGORY	STRUCTURE	SPV Optical Signal Preempt* EACH	SPV 12-INCH 3-SECTION EACH	SPV 12-INCH 4-SECTION EACH	SPV 12-INCH 5-SECTION EACH	SPV 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV BACKPLATES SIGNAL FACE 12-INCH 3-SECTION EACH	SPV BACKPLATES SIGNAL FACE 12-INCH 4-SECTION EACH	SPV BACKPLATES SIGNAL FACE 12-INCH 5-SECTION EACH	658.0500 PEDESTRIAN PUSH BUTTON EACH	SPV TRAFFIC SIGNAL CONTROL CABINET EACH	SPV TRAFFIC SIGNAL CONTROLLER EACH	SPV MALFUNCTION MANAGEMENT UNIT EACH	SPV TRAFFIC SIGNAL ETHERNET SWITCH EACH
0040	TS1	-	1	-	-	-	1	-	-	-	-	-	-	-
	TS2	-	1	-	-	-	1	-	-	-	-	-	-	-
	TS3	-	1	-	-	-	1	-	-	-	-	-	-	-
	TS4	-	1	-	-	2	1	-	-	1	-	-	-	-
	SL9462	1	1	1	-	-	1	1	-	1	-	-	-	-
	TS7	-	1	-	-	1	1	-	-	1	-	-	-	-
	TS8	-	1	-	-	-	1	-	-	-	-	-	-	-
	TS9	-	1	-	-	-	1	-	-	-	-	-	-	-
	TS10	-	1	-	-	-	1	-	-	-	-	-	-	-
	TS13	-	1	-	-	1	1	-	-	1	-	-	-	-
	SL8605	1	2	1	-	-	2	1	-	1	-	-	-	-
	TS14	-	1	-	-	2	1	-	-	1	-	-	-	-
	TS15	-	2	-	-	-	2	-	-	1	-	-	-	-
	TS17	1	1	-	-	-	1	-	-	-	-	-	-	-
	SL9476	-	1	-	-	1	1	-	-	1	-	-	-	-
	TS27	1	2	1	-	-	2	1	-	-	-	-	-	-
	TS21	-	1	-	1	-	1	-	1	-	-	-	-	-
	TS23	1	-	-	1	-	-	-	1	-	-	-	-	-
	TS24	-	1	1	-	1	1	1	-	-	-	-	-	-
	SL9475	1	1	2	-	-	1	2	-	1	-	-	-	-
	TS26	-	1	-	-	2	1	-	-	1	-	-	-	-
	TC1	-	-	-	-	-	-	-	-	-	1	1	1	1
	TC2	-	-	-	-	-	-	-	-	-	1	1	1	1
	TS28	-	-	-	-	-	-	-	-	1	-	-	-	-
	TOTALS	6	23	6	2	10	23	6	2	11	2	2	2	2

SERVICE

CATEGORY	ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
40				
	656.0200	ELEC SERVICE METER BREAKER PEDESTAL 04 COTTAGE GROVE RD - SPRECHER RD	LS	1

ADDITIONAL ITEMS

CATEGORY	ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
40	658.5069	SIGNAL MOUNTING HARDWARE 01. COTTAGE GROVE RD - NORTH STAR DR	LS	1
	658.5069	SIGNAL MOUNTING HARDWARE 02. COTTAGE GROVE RD - S. SPRECHER RD	LS	1

TRAFFIC DETECTOR LOOPS

LOOP NO.	STATION	OFFSET		Curbline Reference	SIZE	NO. TURNS	655.08 LOOP DETECTOR WIRE LF
L1	84+08.8 EB	5.3	ft	R	6x6	3	98
L2	85+34.6 EB	12.6	ft	R	6x6	3	122
L3	85+33.3 EB	2.7	ft	R	6x6	3	102
L4	20+59.8 WB	13.5	ft	L	6x6	3	94
L5	20+84.9 WB	3.3	ft	L	6x6	3	90
L6	86+15.9 EB	8.2	ft	L	6x6	3	84
L7	86+63.9 EB	7.7	ft	L	6X20	3	276
L8	21+11.1 WB	37.9	ft	L	6X14	3	132
L9	21+21.9 WB	47.3	ft	L	3.5X6	3	127
L10	21+12 WB	101.5	ft	L	6X6	3	94
L11	21+21.8 WB	101.1	ft	L	6X6	3	114
L12	86+99.4 EB	52.4	ft	R	6X6	3	80
L13	21+75.3 WB	7.9	ft	R	6X6	3	132
L14	22+11.7 WB	8	ft	R	6X6	3	86
L15	22+23.6 WB	7.5	ft	R	6X6	3	118
L16	87+81.6 EB	12.6	ft	R	6X6	3	94
L17	87+81.8 EB	9.6	ft	R	6X6	3	114
L18	23+33.4 WB	19.1	ft	L	6X6	3	96
L19	23+33.2 WB	9.5	ft	L	6x6	3	118
L20	25+9.1 WB	19.8	ft	L	6X14	3	142
L21	117+77.5 EB	3.5	ft	R	6X6	3	86
L22	117+76.9 EB	13.6	ft	R	6X6	3	106
L23	118+96.5 EB	4.7	ft	L	6X14	3	134
L24	118+95.8 EB	13.7	ft	R	6X6	3	122
L25	54+94.6 WB	13	ft	L	6X6	3	84
L26	54+94.5 WB	8.8	ft	L	6X6	3	104
L27	55+57.9 WB	50.9	ft	L	3X6	3	127
L28	55+65.3 WB	51.2	ft	L	3.5X6	3	184
L29	55+75.7 WB	50.9	ft	L	6X20	3	206
L30	56+40.4 WB	15.4	ft	L	3.5X6	3	123
L31	56+40.4 WB	8.4	ft	L	6X20	3	200
L32	56+40.2 WB	2	ft	R	6X20	3	222
L33	58+07 WB	8.7	ft	L	6X6	3	88
L34	58+88.6 WB	8.8	ft	L	6X6	3	88
L35	121+33.6 EB	63.7	ft	R	6X6	3	130
L36	121+44.2 EB	63.9	ft	R	6X6	3	112
L37	120+71.8 EB	8	ft	L	6X20	3	170
L38	120+71.4 EB	2.5	ft	R	6X20	3	182
L39	120+71.5 EB	11.5	ft	R	3.5X6	3	171
L40	120+70.9 EB	19.6	ft	R	6X20	3	202
L41	56+23.8 WB	23.8	ft	L	6X14	3	136
L42	22+13.2 WB	26.1	ft	L	3.5X6	3	105
L43	33+13.9 WB	13.3	ft	L	6X14	3	146
L44	22+13.7 WB	3.2	ft	L	6X14	3	164
L45	86+32.4 EB	2.7	ft	R	6X14	3	166
L46	86+32.1 EB	13.1	ft	R	6X14	3	146
L47	101+74 EB	5.3	ft	L	6X6	3	92
L48	101+91.1 EB	5	ft	L	6X14	3	140
L49	101+90.8 EB	5.7	ft	R	6X14	3	160
L50	101+90.8 EB	16.3	ft	R	6X14	3	180
L51	37+60.3 WB	16	ft	L	6X14	3	148
L52	37+60.4 WB	5	ft	L	6X14	3	166
L53	37+83.7 WB	5.8	ft	R	6X6	3	112
L54	37+60.4 WB	5.9	ft	R	6X6	3	92
L55	39+96.3 EB	15.5	ft	L	6X6	3	98
L56	39+96.3 EB	26	ft	L	6X6	3	120
L57	99+63.5 WB	6.5	ft	R	6X6	3	92
L58	99+63.5 WB	16.5	ft	R	6X6	3	112
L59	100+80.2 WB	5.5	ft	L	6X6	3	92
L60	100+80.2 WB	3	ft	R	6X6	3	112
L61	100+80.2 WB	14	ft	R	6X6	3	132
L62	121+28.6 WB	188	ft	R	6X14	3	144
L63	121+17.3 EB	177.8	ft	R	6X6	3	126
L64	121+46.2 EB	64	ft	L	3.5X6	3	145
L65	121+55 EB	60.4	ft	R	6X14	3	154
L66	55+71.7 WB	111.1	ft	L	6X14	3	160
						TOTAL	8594

REMOVALS

CATEGORY	DESCRIPTION	STATION	OFFSET	204.0195 REMOVING CONCRETE BASES EACH	653.0905 REMOVING PULL BOXES EACH	SPV REMOVE STREET LIGHT EACH	SPV REMOVE TRAFFIC SIGNAL POLE EACH
0010	HH3	18+52.3 WB	10.6' R	-	1	-	-
	HH6	20+58.1 WB	4.8' R	-	1	-	-
	HH7	86+16.1 EB	21.3' R	-	1	-	-
	TS12	86+40.1 EB	21.7'R	1	-	-	1
	TS11	86+65 EB	24.3' R	1	-	-	1
	HH13	21+79.4 WB	65.6' L	1	-	-	-
	SL9462	87+51.2 EB	6' L	1	-	1	-
	HH17	87+65.6 EB	21.3' L	1	-	-	-
	TS5	22+06.7 WB	34.5' L	1	-	-	1
	TS6	87+62.5 EB	24.3' R	1	-	-	1
	HH23	25+60.4 WB	2.2' R	-	1	-	-
	HH28	33+54.6 WB	9.7' R	-	1	-	-
	HH30	100+75.5 EB	14.5' L	-	1	-	-
	HH31	101+76.9 EB	17.5' L	-	1	-	-
	HH34	101+85.6 EB	17.7' L	-	1	-	-
	SL8614	101+92.5 EB	17' L	1	-	1	-
	HH41	103+21 EB	5.9' L	-	1	-	-
	TS25	55+17 WB	18.1' L	1	-	-	1
	HH63	55+20.6 WB	17.8' L	-	1	-	-
	TC4	55+37.4 WB	30.7' L	1	-	-	-
	HH64	55+41.5 WB	27.2' L	-	1	-	-
	TS16	55+50.8 WB	41.4' L	1	-	-	1
	HH66	55+54.6 WB	50.1' L	-	1	-	-
	TS18	56+18.2 WB	43.9' L	1	-	-	1
	TS19	56+44.5 WB	20.7' L	1	-	-	1
	HH73	56+41.7 WB	19.7' L	-	1	-	-
	HH67	121+81.8 EB	24.5' R	-	1	-	-
	TS20	121+82.3 EB	27.7' R	1	-	-	1
	HH69	121+57 EB	44.1' R	-	1	-	-
	TS22	121+55 EB	54.8' R	1	-	-	1
	HH68	121+50 EB	92.6' R	-	1	-	-
	HH75	58+06.8 WB	15.7' L	-	1	-	-
	HH77	58+88.9 WB	16' L	-	1	-	-
				15	18	2	10

PAVEMENT MARKING EPOXY

STATION	TO	STATION	LOCATION	646.1020 4-INCH (WHITE) (LF)	646.1020 4-INCH (YELLOW) (LF)	646.3020 8-INCH (WHITE) (LF)	646.3020 8-INCH (YELLOW) (LF)	646.5020 ARROWS TYPE II (EACH)	646.5020 ARROWS BIKE LANE (EACH)	646.5120 WORDS (EACH)	646.5220 SYMBOLS BIKE LANE (EACH)	646.6120 STOP LINE 18-INCH (LF)	646.7420 CROSSWALK 6-INCH (LF)
BRIDGE	-	18+50	COTTAGE GROVE RD	1740	2560	-	-	-		-			-
18+50	-	26+35	COTTAGE GROVE RD	2505	-	291	-	-			3	74	405
26+35	-	34+20	COTTAGE GROVE RD	2724	-	650	-	-		-	1		158
34+20	-	42+10	COTTAGE GROVE RD	2790	-	249	-	-		-	2		288
42+10	-	50+00	COTTAGE GROVE RD	3120	-	332	-	-		1	2		271
50+00	-	57+85	COTTAGE GROVE RD	2596	588	749	40	5	2	4	3	80	154
57+85	-	60+25	COTTAGE GROVE RD	500	1228	8	71	-		-			-
36+50	-	37+50	MCLEAN DR	21	-	-	-	-		-		26	117
45+00	-	45+50	MCCLELLAN DR	-	-	-	-	-		-		33	160
55+50	-	56+25	S SPRECHER RD	-				-	-	-	-		
			TOTALS	15996	4376	2279		5	2	5	11	213	1553

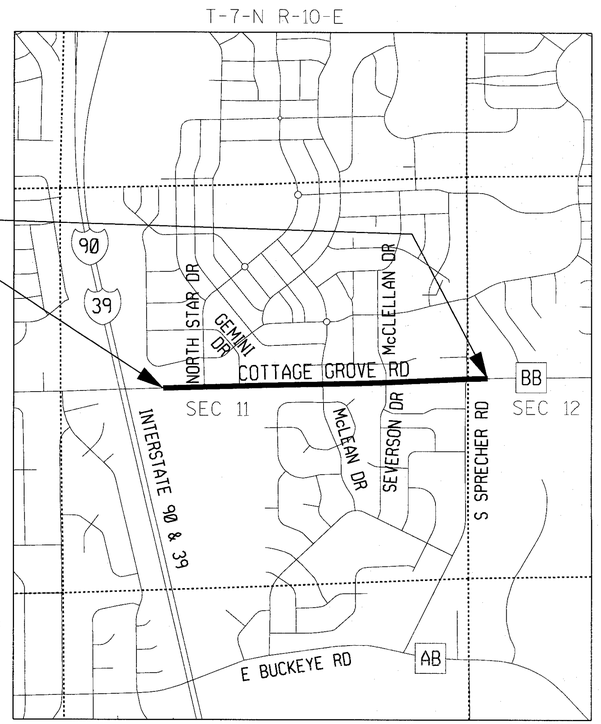
TEMPORARY PAVEMENT MARKINGS

STAGE	STATION	TO	STATION	LOCATION	646.9000 REMOVE PAVEMENT MARKINGS (LF)	649.0150 TEMPORARY PAVEMENT TAPE 4-IN WHITE (LF)	649.0150 TEMPORARY PAVEMENT TAPE 4-IN YELLOW (LF)	649.0850 TEMPORARY PAVEMENT TAPE 18-IN STOP LINE (LF)
STAGE 1A	16+00	-	126+00	COTTAGE GROVE ROAD	10750	8790	5650	-
STAGE 1B	52+50	-	58+80	COTTAGE GROVE ROAD	-	1401	1680	15
STAGE 1C	52+51	-	58+81	COTTAGE GROVE ROAD	-	795	1532	-
STAGE 1D	52+52	-	58+82	COTTAGE GROVE ROAD	-	1417	1568	-
STAGE 2	16+00	-	126+00	COTTAGE GROVE ROAD	-	5830	4174	-
STAGE 2A	40+00	-	52+50	COTTAGE GROVE ROAD	-	2219	1195	-
STAGE 3	S THOMPSON DR	-	126+00	COTTAGE GROVE ROAD	-	2196	8432	-
STAGE 3A	84+00	-	90+00	COTTAGE GROVE ROAD	-	-	-	-
STAGE 3B	88+25	-	94+00	COTTAGE GROVE ROAD	-	-	200	-
STAGE 3C	107+00	-	114+50	COTTAGE GROVE ROAD	-	-	-	-
								-
				TOTALS	10750	22648	24431	15
				COMBINED TOTALS FOR SINGLE ITEM		47079		

TRANSPORTATION PROJECT PLAT TITLE SHEET
PROJECT NO. 5992-09-25
CITY OF MADISON, COTTAGE GROVE RD.
(NORTH STAR DR. - SPRECHER RD.)
CTH BB
DANE COUNTY



PROJECT LOCATION



City of Madison

GN

LAYOUT

Scale 0 1/4 1/2MI.

NOTES:

HORIZONTAL POSITIONS SHOWN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD 83 (1991) IN U.S. SURVEY FEET, VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY ¾" X 24" REBAR) AND WILL BE PLACED UPON THE COMPLETION OF THE PROJECT CONSTRUCTION.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG, AND PERPENDICULAR TO, THE NEW REFERENCE LINES.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING MONUMENTATION FOUND. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE SURVEY OF AN INDIVIDUAL PROPERTY.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED

EXISTING ACCESS CONTROL ESTABLISHED FROM: CSM 4618, CSM 12762, CSM 12763, CSM 2676, CSM 353; SUBDIVISION PLATS: GRANDVIEW COMMONS, GRANDVIEW COMMONS REPLAT NO. 3, TOWN CENTER ADDN. TO GRANDVIEW COMMONS, FIRST ADDN. TO RICHMOND HILL, RICHMOND HILL, McCLELLAN ESTATES, COVERED BRIDGE, RAMBLING ACRES, MAYWICK ESTATES

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH BB ESTABLISHED FROM PREVIOUS DANE CO. HWY. DEPT. PROJ. NO. 1400, RECORDED PLATS, RECORDED CERTIFIED SURVEY MAPS, PLATS OF SURVEY AND EXISTING IRONS LOCATED IN THE FIELD. SEE SHEETS FOR SPECIFIC POINTS OF REFERENCE LISTED THEREON.

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL TLEs EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A **PERMANENT LIMITED EASEMENT** (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHT TO MAKE OR CONSTRUCT IMPROVEMENT ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

FOR LATEST ACCESS/DRIVEWAY INFORMATION CONTACT CITY OF MADISON TRAFFIC ENGINEERING AND CITY ENGINEERING.

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	MONUMENT	MON.
ACRES	AC.	POINT OF INTERSECTION	PI
ALUMINUM	ALUM.	PERMANENT LIMITED EASEMENT	PLE
AND OTHERS	ET.AL.	PROPERTY LINE	P.L.
CENTERLINE	C/L	RECORDED AS	(100')
CERTIFIED SURVEY MAP	CSM	REFERENCE LINE	R/L
CORNER	COR.	REMAINING	REM.
DOCUMENT NUMBER	DOC	RIGHT-OF-WAY	R/W
EASEMENT	EASE.	SANITARY SEWER	SAN.
GRID NORTH	GN	SECTION	SEC
HIGHWAY EASEMENT	H.E.	STATION	STA.
IRON PIPE	I.P.	TEMPORARY LIMITED EASEMENT	TLE
IRON ROD/REBAR	R.B.	UTILITY	UTIL.

CURVE DATA

POINT OF INTERSECTION	PI
POINT OF CURVE	PC
POINT OF TANGENCY	PT
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ
LENGTH OF CURVE	L
TANGENT	T
LONG CHORD	LCH
LONG CHORD BEARING	LCB

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/ROD (I.P. SIZE & TYPE NOTED)
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
SECTION CORNER MONUMENT
SECTION CORNER SYMBOL
FEE (HATCH VARIES)
PERMANENT LIMITED EASEMENT (PLE)
TEMPORARY LIMITED EASEMENT (TLE)
R/W BOUNDARY POINT (101)
PARCEL NUMBER (10)
UTILITY PARCEL NUMBER (92)
BUILDING
BUILDING TO BE RAZED
SIGN (SIGN)

PROPOSED R/W LINE
EXISTING R/W LINE
PROPERTY LINE (P.L.)
PROPOSED EASE. LINE
EXISTING EASE. LINE
LOT & TIE LINES
CORPORATE LIMITS
ACCESS RESTRICTED (BY PREVIOUS PROJECT/CONTROL, GRANT)
NO ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET (60' / 15')
SLOPE INTERCEPT

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	ST

	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

HIGHWAY DESIGNATIONS

COUNTY TRUNK HIGHWAY (#)
STATE TRUNK HIGHWAY (#)
UNITED STATES HIGHWAY (#)
INTERSTATE HIGHWAY (#)

PROJECT NUMBER 5992-09-25 - 4.01
SHEET 2 OF 2

FILE NAME : M:\DESIGN\Projects\53W0472\Survey\Drawings\TPP\RW-TS.dgn
PLOT DATE : 5/23/2019
PLOT BY : djs
APPRAISAL PLAT DATE :

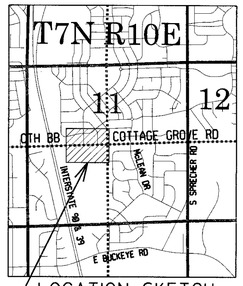
I, JEFFREY R. OUAMME, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095 OF THE WISCONSIN STATE STATUTES AND UNDER THE DIRECTION OF CITY OF MADISON, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 5992-09-25 - 4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN — JEFFREY R. OUAMME S-1922 DEERFIELD, WI — LAND SURVEYOR

(SIGNATURE) Jeffrey R. Ouamme 5/23/2019

(PRINTED NAME) JEFFREY R. OUAMME

(REGISTRATION NO.) S-1922



LOCATION SKETCH
NOT TO SCALE

SHEET LOCATION

GN

0 50 100

SCALE, FEET

TRANSPORTATION PROJECT PLAT NO: 5992-09-25 - 4.01

PART OF THE SE 1/4 - NW 1/4 & NE 1/4 - SW 1/4 OF SECTION 11, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER COTTAGE GROVE RD/CTH BB, NORTH STAR DR. - SPRECHER RD, DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF MADISON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF MADISON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY OF MADSION FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF MADISON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED AS SHEET 2 OF 2

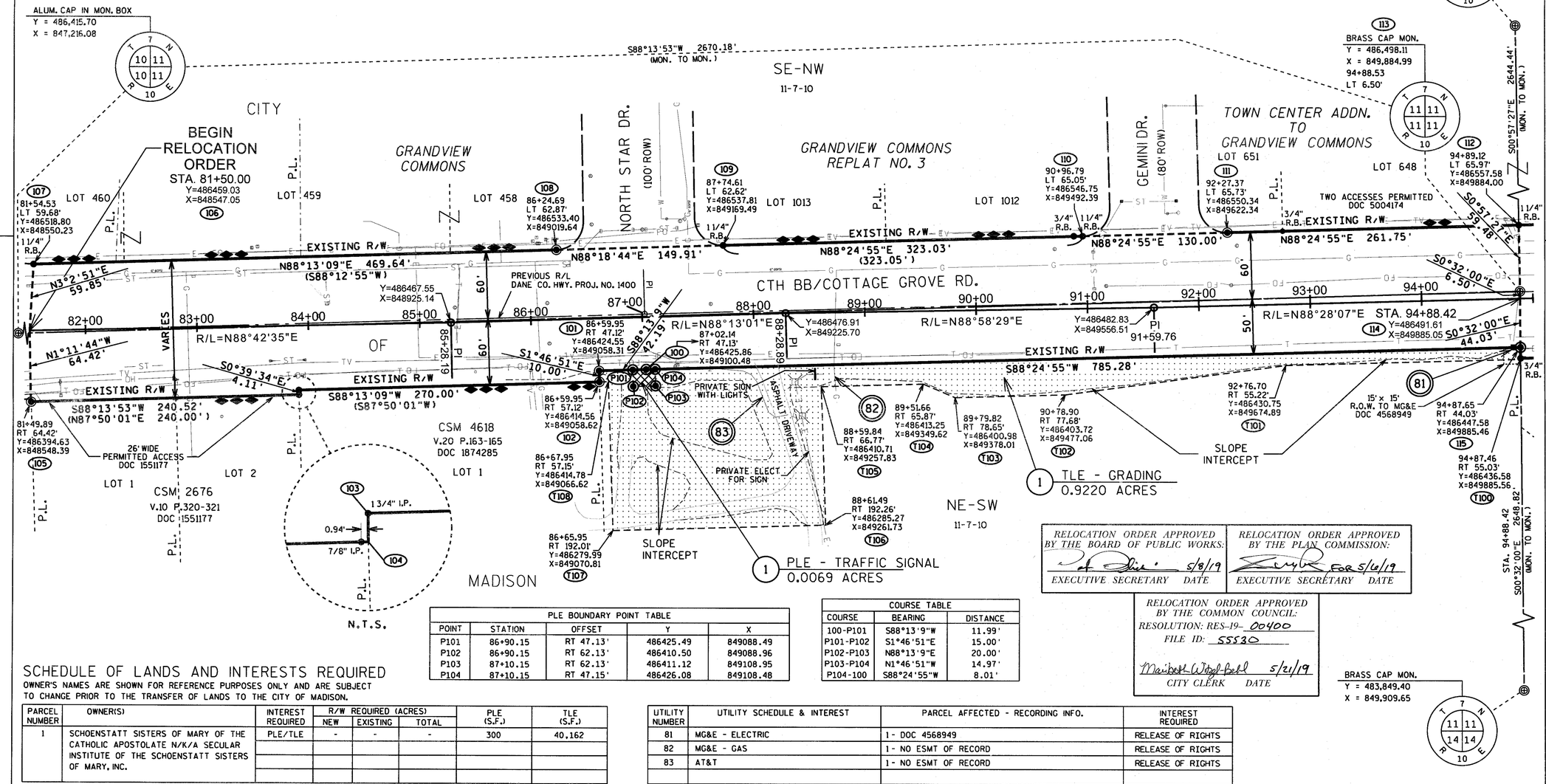
HORIZONTAL POSITIONS SHOWN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD 83 (1991) IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES. GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY AS SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH BB ESTABLISHED FROM PREVIOUS DANE CO. HWY. DEPT. PROJ. NO. 1400, GRANDVIEW COMMONS, GRANDVIEW COMMONS REPLAT NO. 3, TOWN CENTER ADDN. TO GRANDVIEW COMMONS, CSM 2676, CSM 4618, TPP NO. 1010-01-24 - 4.02.

EXISTING ACCESS CONTROL ALONG COTTAGE GROVE RD. ESTABLISHED FROM GRANDVIEW COMMONS, GRANDVIEW COMMONS REPLAT NO. 3, TOWN CENTER ADDN. TO GRANDVIEW COMMONS, CSM 2676, CSM 4618

Document #5491794
Office of Register of Deeds
Dane County, Wisconsin
Received for Record 30, May
20 19 at 11:25 o'clock A M
and recorded in vol. 61-012A
of Plats on pages 61-62
Kristi Chlebowski, Reg.
Register
Cheryl Ammeyer, Deputy

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5992-09-25 - 4.01
SHEET 1 OF 2



PLE BOUNDARY POINT TABLE				
POINT	STATION	OFFSET	Y	X
P101	86+90.15	RT 47.13'	486425.49	849088.49
P102	86+90.15	RT 62.13'	486410.50	849088.96
P103	87+10.15	RT 62.13'	486411.12	849108.95
P104	87+10.15	RT 47.15'	486426.08	849108.48

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-P101	S88°13'9"W	11.99'
P101-P102	S1°46'51"E	15.00'
P102-P103	N88°13'9"E	20.00'
P103-P104	N1°46'51"W	14.97'
P104-100	S88°24'55"W	8.01'

RELOCATION ORDER APPROVED BY THE BOARD OF PUBLIC WORKS:
EXECUTIVE SECRETARY — DATE 5/8/19

RELOCATION ORDER APPROVED BY THE PLAN COMMISSION:
EXECUTIVE SECRETARY — DATE FOR 5/6/19

RELOCATION ORDER APPROVED BY THE COMMON COUNCIL:
RESOLUTION: RES-19- 00400
FILE ID: 55530
Maribeth Witzel-Behl 5/21/19
CITY CLERK — DATE

SCHEDULE OF LANDS AND INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE CITY OF MADISON.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W REQUIRED (ACRES) NEW	EXISTING	TOTAL	PLE (S.F.)	TLE (S.F.)
1	SCHOENSTATT SISTERS OF MARY OF THE CATHOLIC APOSTOLATE N/K/A SECULAR INSTITUTE OF THE SCHOENSTATT SISTERS OF MARY, INC.	PLE/TLE	-	-	-	300	40,162

UTILITY NUMBER	UTILITY SCHEDULE & INTEREST	PARCEL AFFECTED - RECORDING INFO.	INTEREST REQUIRED
81	MG&E - ELECTRIC	1- DOC 4568949	RELEASE OF RIGHTS
82	MG&E - GAS	1- NO ESMT OF RECORD	RELEASE OF RIGHTS
83	AT&T	1- NO ESMT OF RECORD	RELEASE OF RIGHTS

TRANSPORTATION PROJECT PLAT NO: 5992-09-25 - 4.02

PART OF THE SW 1/4 - NE 1/4 & NW 1/4 - SE 1/4 OF SECTION 11, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN.

COTTAGE GROVE RD/CTH BB, NORTH STAR DR. - SPRECHER RD, DANE COUNTY, WISCONSIN

THE CITY OF MADISON HAS DEEMED IT NECESSARY TO MONUMENT RIGHT-OF-WAY INTERESTS PREVIOUSLY ACQUIRED UNDER SECTIONS 82.01, 82.31(1), 82.31.2, 84.09, 62.22 OR DEDICATED UNDER SECTION 236.29 OF THE WISCONSIN STATUTES AND DOES HEREBY CERTIFY THE CITY OF MADISON HAS SURVEYED THE HIGHWAY RIGHT-OF-WAY AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND SHOWS THE MEASUREMENTS THEREOF.

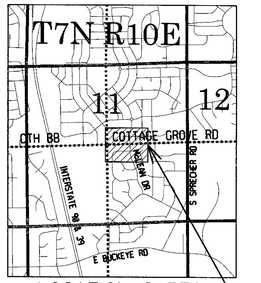
I, JEFFREY R. OUAMME, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095 OF THE WISCONSIN STATE STATUTES AND UNDER THE DIRECTION OF CITY OF MADISON, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 5992-09-25 - 4.02 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN — JEFFREY R. OUAMME S-1922 DEERFIELD, WI — LAND SURVEYOR

(SIGNATURE) _____ 5/27/2019

(PRINTED NAME) JEFFREY R. OUAMME

(REGISTRATION NO.) S-1922



LOCATION SKETCH
NOT TO SCALE

SHEET LOCATION

GN

0 50 100

SCALE, FEET

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN DANE COUNTY, AS SHEET 2 OF 2 OF DOCUMENT 5491794

EXISTING HIGHWAY RIGHT-OF-WAY IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH BB ESTABLISHED FROM PREVIOUS DANE CO. HWY. DEPT. PROJ. NO. 1400, TOWN CENTER ADDN. TO GRANDVIEW COMMONS, FIRST ADDN. TO RICHMOND HILL, RICHMOND HILL, CSM 12110, CSM 12762 AND CSM 12763.

EXISTING ACCESS CONTROL ALONG COTTAGE GROVE RD. ESTABLISHED FROM TOWN CENTER ADDN. TO GRANDVIEW COMMONS, FIRST ADDN. TO RICHMOND HILL, RICHMOND HILL, CSM 12110, CSM 12762 AND CSM 12763.

Office of Register of Deeds
Dane County, Wisconsin
Received for Record May 31
20 19 at 2:34 o'clock P M
and recorded in vol. 61-012B
of Plats on page 63
Kristi Chlebowski EX
Dawn McCarthy, DEPUTY Register

Document No. 5492158

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5992-09-25 - 4.02

HORIZONTAL POSITIONS SHOWN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD 83 (1991) IN U.S. SURVEY FEET, VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

BRASS CAP MON.
Y = 489,142.18
X = 849,840.80

BRASS CAP MON.
Y = 486,591.53
X = 852,552.15

S87°59'38"W 2668.80' (MON. TO MON.)

S00°57'27"E 2644.44' (MON. TO MON.)

(113) BRASS CAP MON.
Y = 486,498.11
X = 849,884.99
94+88.53
LT 6.50'

(112) 94+89.12
LT 65.97'
Y=486557.58
X=849884.00

TOWN CENTER ADDN. TO GRANDVIEW COMMONS

CITY

P.L.

OL 32

McLEAN DR. (100' ROW)

(200) 101+77.52
LT 66.62'
Y=486576.62
X=850572.13
3/4" I.R.
1 1/4" R.B.

CSM 12110
V.74 P.328-332
DOC 4296353

(201) 103+27.88
LT 66.34'
Y=486580.77
X=850722.07
LOT 1

CSM 12762
V.80 P.308-311
DOC 4593293

LOT 900 LOT 901 LOT 902 LOT 903 LOT 904

CSM 12763
V.80 P.312-315
DOC 4593294

LOT 905
(202) 108+24.10
LT 63.54'
Y=486594.51
X=851217.84

108+22.47
LT 63.53'
Y=486594.44
X=851216.22

N87°29'55"E 1.63'

40 LINE

LOT 648

TWO ACCESSES PERMITTED DOC 5004174

EXISTING R/W

N88°24'55"E 688.40'

N88°24'55"E 150.00'

N88°24'55"E 494.33'

CTH BB/COTTAGE GROVE RD.

PREVIOUS R/L DANE CO. HWY. PROJ. NO. 1400

60'

N0°57'27"W 59.48'

N0°32'00"W 6.50'

95+00 96+00 97+00 98+00 99+00 100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00

R/L=N88°28'07"E

R/L=N88°09'15"E

R/L=N87°55'27"E

STA. 94+88.42
Y=486491.61
X=849885.05
(114)

N0°32'00"W 44.03'

N0°32'00"W 10.00'

SLOPE INTERCEPT

OF

Y=486512.03
X=850648.70

Y=486525.86
X=851078.04

S88°24'55"W 150.00'

S88°24'55"W 689.96'
(N88°01'34"E 690.19')

S88°24'55"W 493.81'
(S88°01'34"W 493.69')

S6°57'11"W 64.34'

S8°51'42"E 56.86'

STA. 108+14.00
Y=486530.65
X=851210.05
(203)

108+00

N0°18'19"W

94+87.65
RT 44.03'
Y=486447.58
X=849885.46
(115)

94+87.47
RT 54.03'
Y=486437.58
X=849885.55
(207)

101+77.43
RT 53.38'
Y=486456.66
X=850575.25
(206)

103+27.14
RT 53.65'
Y=486460.81
X=850725.19
(205)

108+20.72
RT 56.46'
Y=486474.47
X=851218.81
(204)

LOT 201 LOT 202 LOT 203 LOT 204 LOT 45 LOT 46 LOT 1 LOT 2 LOT 3 LOT 4 LOT 5

FIRST ADDN. TO RICHMOND HILL

RICHMOND HILL

RICHMOND HILL

McLEAN DR. (100' ROW)

SLOPE INTERCEPT

EXISTING R/W

STA. 94+88.42
S00°32'00"E 2648.82' (MON. TO MON.)

BRASS CAP MON.
Y = 483,849.40
X = 849,909.65

MADISON

RELOCATION ORDER APPROVED BY THE BOARD OF PUBLIC WORKS:	RELOCATION ORDER APPROVED BY THE PLAN COMMISSION:
EXECUTIVE SECRETARY 5/8/19 DATE	EXECUTIVE SECRETARY FOR 5/6/19 DATE

RELOCATION ORDER APPROVED BY THE COMMON COUNCIL:
RESOLUTION: RES-19- 00400
FILE ID: 55530
CITY CLERK 5/21/19 DATE

FILE NAME : M:\DESIGN\Projects\ 53W0472\Survey\Drawings\TPP\SHEET 2.dgn PLOT DATE : 5/23/2019 PLOT BY : djs APPRAISAL PLAT DATE :

5992-09-25 - 4.02

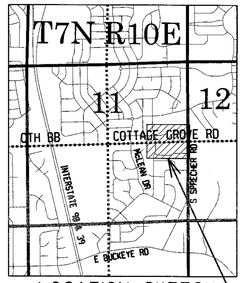
I, JEFFREY R. OUAMME, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095 OF THE WISCONSIN STATE STATUTES AND UNDER THE DIRECTION OF CITY OF MADISON, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 5992-09-25 - 4.03 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN JEFFREY R. OUAMME S-1922 DEERFIELD, WI LAND SURVEYOR

(SIGNATURE) _____ 5/23/2019

(PRINTED NAME) JEFFREY R. OUAMME

(REGISTRATION NO.) S-1922



LOCATION SKETCH
NOT TO SCALE

SHEET LOCATION

GN

0 50 100

SCALE, FEET

TRANSPORTATION PROJECT PLAT NO: 5992-09-25 - 4.03

THAT PART OF LOTS 1, 2, 3 & 4 OF McCLELLAN ESTATES, AND PART OF THE COMMON ELEMENT OF BIRCHWOOD RIDGE CONDOMINIUM OF McCLELLEN ESTATES, AND THAT PART OF LOT 81 OF RAMBLING ACRES, AND THAT PART OF LOTS 1& 4 OF MAYWICK ESTATES, AND PART OF THE COMMON ELEMENT OF MAYWICK ESTATES CONDOMINIUM, AND THAT PART OF LOT 2 OF DANE COUNTY CERTIFIED SURVEY MAP NO. 353 AND OTHER LANDS LOCATED IN THE SE 1/4 - NE 1/4 & NE 1/4 - SE 1/4 OF SECTION 11, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER COTTAGE GROVE RD/CTH BB, NORTH STAR DR. - SPRECHER RD, DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF MADISON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF MADISON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY OF MADISON FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF MADISON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

EXISTING HIGHWAY RIGHT-OF-WAY IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH BB ESTABLISHED FROM PREVIOUS DANE CO. HWY. DEPT. PROJ. NO. 1400, McCLELLAN ESTATES, COVERED BRIDGE, RAMBLING ACRES, MAYWICK ESTATES, CSM 353 & PAULSON PLAT OF SURVEY - DANE CO. NO. 94-0008.

EXISTING ACCESS CONTROL ALONG COTTAGE GROVE RD. ESTABLISHED FROM McCLELLAN ESTATES, COVERED BRIDGE, RAMBLING ACRES, MAYWICK ESTATES & CSM 353.

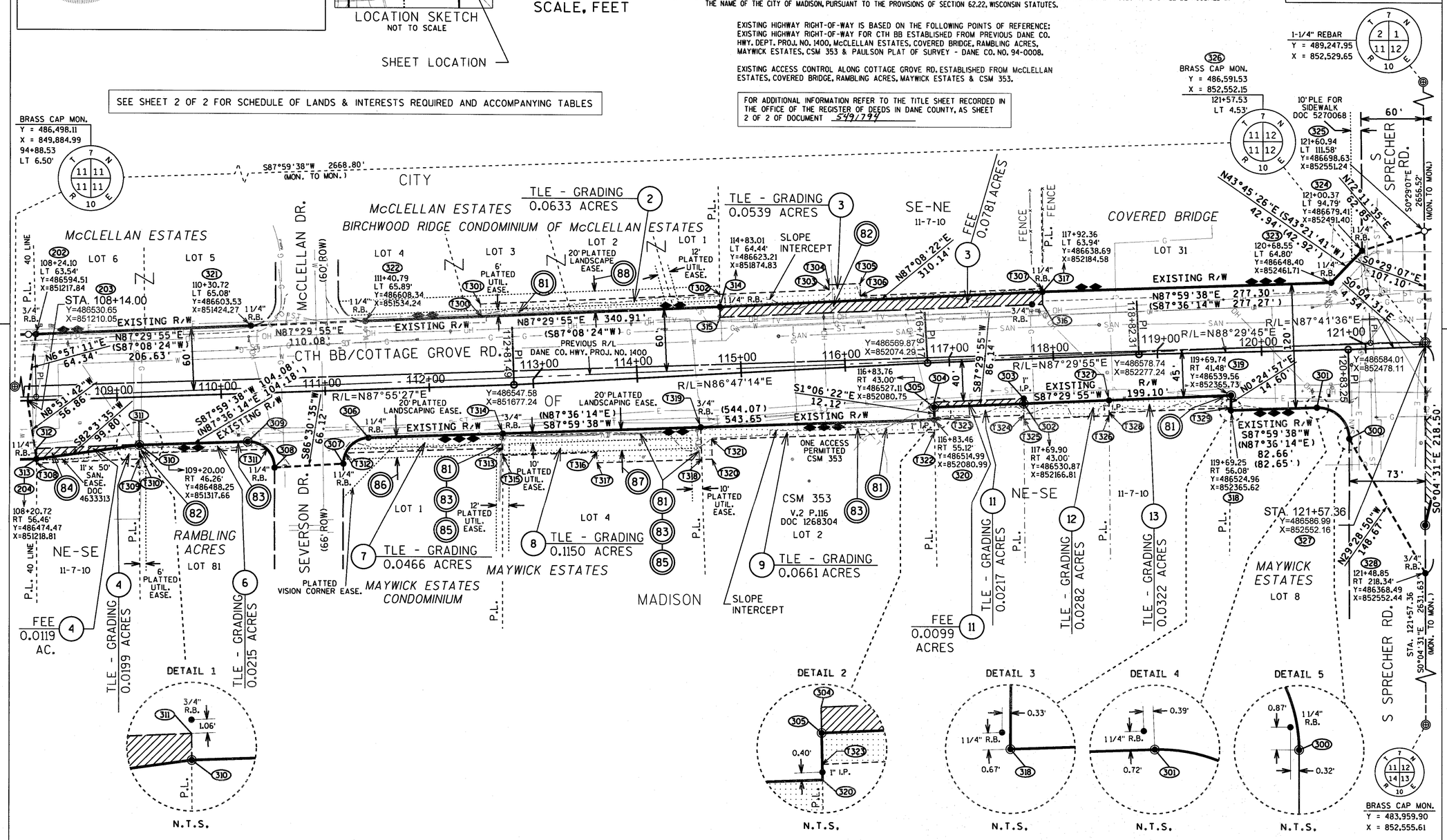
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN DANE COUNTY, AS SHEET 2 OF 2 OF DOCUMENT 5492794

Office of Register of Deeds
Dane County, Wisconsin
Received for Record May 31
2019 at 12:34 o'clock P M
and recorded in vol. 61-0128
of Plats on pages 64-66
Kristi Chlebowski BY
Dawn McCarthy, DEPUTY Register

Document No. 5492159

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5992-09-25 - 4.03
SHEET 1 OF 2

SEE SHEET 2 OF 2 FOR SCHEDULE OF LANDS & INTERESTS REQUIRED AND ACCOMPANYING TABLES



FILE NAME : M:\DESIGN\Projects\ 53W0472\Survey\Drawings\TPP\SHEET 3.dgn PLOT DATE : 5/23/2019 PLOT BY : djs APPRAISAL PLAT DATE :

5992-09-25 - 4.03

TRANSPORTATION PROJECT PLAT NO: 5992-09-25 - 4.03
RELOCATION ORDER COTTAGE GROVE RD/CTH BB, NORTH STAR DR. - SPRECHER RD, DANE COUNTY, WISCONSIN

4

SCHEDULE OF LANDS AND INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE CITY OF MADISON.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W REQUIRED (S.F.)			PLE (S.F.)	TLE (S.F.)
			NEW	EXISTING	TOTAL		
2	BIRCHWOOD RIDGE CDMS OF McCLELLAN ESTATES HOMEOWNERS ASSN, INC.	TLE	-	-	-	-	2,758
3	DANIEL J. LYNCH	FEE/TLE	3,402	-	3,402	-	2,346
4	YONG & AMANDA LYNN CHEN	FEE/TLE	519	-	519	-	867
6	JOHN R. COOK & RYAN D. CONSTANT	TLE	-	-	-	-	935
7	MAYWICK ESTATES CONDOMINIUM UNITOWNERS ASSOCIATION, INC.	TLE	-	-	-	-	2,029
8	FIELDSTONE ESTATES, LLC	TLE	-	-	-	-	5,009
9	U.S. BANK NATIONAL ASSOCIATION	TLE	-	-	-	-	2,881
11	BRIAN C. HOSKING	FEE/TLE	431	-	431	-	947
12	RENO K. & LYNNE M. GEHRKE	TLE	-	-	-	-	1,229
13	RICHARD NEUHENGEN	TLE	-	-	-	-	1,405

UTILITY NUMBER	UTILITY SCHEDULE & INTEREST	PARCEL AFFECTED - RECORDING INFO.	INTEREST REQUIRED
81	MG&E - ELECTRIC	2 - UTILITY EASE. PLAT OF McCLELLAN ESTATES (DOC 2998387) 7&8 - UTILITY EASE. PLAT OF MAYWICK ESTATES (DOC 3881503) 9 - NO EASEMENT OF RECORD 13 - NO EASEMENT OF RECORD	RELEASE OF RIGHTS
82	MG&E - GAS	3 - NO EASEMENT OF RECORD 6 - UTILITY EASE. PLAT OF RAMBLING ACRES (DOC 1218596)	RELEASE OF RIGHTS RELEASE OF RIGHTS
83	AT&T	6 - NO EASEMENT OF RECORD 7&8 - UTILITY EASE. PLAT OF MAYWICK ESTATES (DOC 3881503) 9 - NO EASEMENT OF RECORD	RELEASE OF RIGHTS RELEASE OF RIGHTS RELEASE OF RIGHTS
84	CITY OF MADISON	4 - PUBLIC SANITARY SEWER EASEMENT (DOC 4633313)	RELEASE OF RIGHTS
85	CHARTER	7&8 - UTILITY EASE. PLAT OF MAYWICK ESTATES (DOC 3881503)	RELEASE OF RIGHTS
86	MAYWICK ESTATES CONDOMINIUM UNITOWNERS ASSOCIATION, INC.	7 - LANDSCAPING EASE. PLAT OF MAYWICK ESTATES (DOC 3881503)	RELEASE OF RIGHTS
87	FIELDSTONE ESTATES, LLC	8 - LANDSCAPING EASE. PLAT OF MAYWICK ESTATES (DOC 3881503) & MAINTENANCE OF RETAINING WALL DOC 4259793	RELEASE OF RIGHTS
88	BIRCHWOOD RIDGE CDMS OF McCLELLAN ESTATES HOMEOWNERS ASSN, INC.	2 - LANDSCAPING EASE. PLAT OF McCLELLAN ESTATES (DOC 2998387)	RELEASE OF RIGHTS

R/W BOUNDARY POINT TABLE				
POINT	STATION	OFFSET	Y	X
300	120+82.16	RT 86.10'	486497.91	852479.28
301	120+51.90	RT 55.35'	486527.85	852448.23
306	111+40.15	RT 46.53'	486495.96	851537.67
307	111+15.13	RT 70.65'	486470.96	851513.55
308	110+49.03	RT 72.28'	486466.93	851447.55
309	110+24.08	RT 46.39'	486491.90	851421.68

EXISTING R/W POINT TABLE				
POINT	STATION	OFFSET	Y	X
303	117+70.07	RT 38.00'	486535.87	852166.76
304	116+83.88	RT 38.00'	486532.11	852080.66
311	109+20.01	RT 45.75'	486488.77	851317.65
312	108+21.03	RT 46.49'	486484.45	851218.76
315	114+82.60	LT 54.44'	486613.21	851874.98
316	117+91.96	LT 52.00'	486626.74	852184.70

TLE BOUNDARY POINT TABLE				
POINT	STATION	OFFSET	Y	X
T300	112+52.04	LT 66.72'	486613.19	851645.39
T301	112+51.95	LT 78.72'	486625.18	851644.87
T302	114+83.50	LT 76.43'	486635.22	851874.65
T303	115+88.64	LT 75.13'	486639.81	851979.69
T304	115+88.70	LT 80.13'	486644.80	851979.47
T305	116+18.70	LT 79.76'	486646.11	852009.45
T306	116+18.55	LT 67.76'	486634.12	852009.97
T307	117+92.46	LT 67.00'	486641.75	852184.55
T308	108+20.59	RT 60.49'	486470.44	851218.83
T309	109+19.61	RT 59.75'	486474.76	851317.76
T310	109+19.77	RT 54.26'	486480.25	851317.72
T311	110+42.40	RT 54.41'	486484.54	851440.28
T312	111+17.68	RT 60.51'	486481.18	851515.73
T313	112+68.74	RT 60.69'	486486.47	851666.69
T314	112+69.25	RT 46.69'	486500.48	851666.69
T315	112+68.48	RT 67.69'	486479.47	851666.69
T316	113+57.35	RT 69.32'	486482.62	851756.86
T317	113+57.14	RT 79.32'	486472.63	851757.21
T318	114+57.75	RT 81.43'	486476.15	851857.78
T319	114+58.52	RT 50.44'	486507.14	851856.82
T320	114+67.75	RT 81.65'	486476.50	851867.78
T321	114+68.22	RT 62.65'	486495.49	851867.19
T322	116+83.17	RT 67.12'	486502.99	852081.22
T323	116+83.49	RT 54.00'	486516.11	852080.96
T324	117+69.53	RT 54.00'	486519.86	852166.93
T325	117+69.40	RT 58.00'	486515.86	852166.97
T326	118+51.35	RT 58.00'	486519.44	852248.84
T327	118+51.85	RT 43.00'	486534.45	852248.68
T328	118+51.45	RT 55.00'	486522.44	852248.80
T329	119+69.34	RT 53.49'	486527.54	852365.64

R/W CURVE TABLE					
FROM - TO	CURVE LENGTH	CENTRAL ANGLE	CHORD LENGTH	CHORD BEARING	RADIUS
300 - 301	48.13'	91°55'45"	43.13'	N 46°02'29" W	30.00'
306 - 307	38.41'	88°02'14"	34.74'	S 43°58'31" W	25.00'
308 - 309	40.13'	91°57'46"	35.96'	N 46°01'29" W	25.00'

COURSE TABLE		
COURSE	BEARING	DISTANCE
302-303	N0°35'32"W	5.00'
303-304	S87°29'55"W	86.19'
304-305	S1°06'22"E	5.00'
310-311	N0°25'11"W	0.51'
311-312	S87°29'55"W	98.99'
312-313	S0°18'29"E	9.98'
314-315	S0°51'15"E	10.00'
315-316	N87°29'55"E	310.02'
316-317	N0°36'29"W	11.95'
301-311	S87°59'38"W	1131.26'

R/L PI COORDINATES TABLE		
PI STATION	Y	X
112+81.49	486547.58	851677.24
116+79.17	486569.87	852074.29
118+82.31	486578.74	852277.24
120+83.25	486584.01	852478.11

RELOCATION ORDER APPROVED BY THE BOARD OF PUBLIC WORKS:

EXECUTIVE SECRETARY — *DATE* 5/8/19

RELOCATION ORDER APPROVED BY THE PLAN COMMISSION:

EXECUTIVE SECRETARY — FOR *DATE* 5/6/19

RELOCATION ORDER APPROVED BY THE COMMON COUNCIL:

RESOLUTION: RES-19- 00400

FILE ID: 55530

Maribeth Witzel-Behl 5/21/19

CITY CLERK — *DATE*

TPP NUMBER 5992-09-25 - 4.03
SHEET 2 OF 2

FILE NAME : M:\DESIGN\Projects\ 53W0472\Survey\Drawings\TPP\SHEET 3.dgn

PLOT DATE : 5/23/2019

PLOT BY : djs

APPRAISAL PLAT DATE :

4

TRANSPORTATION PROJECT PLAT NO: 5992-09-25 - 4.04

PART OF THE SW 1/4 - NW 1/4 & NW 1/4 - SW 1/4 OF SECTION 12, T7N, R10E, CITY OF MADISON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER COTTAGE GROVE RD/CTH BB, NORTH STAR DR. - SPRECHER RD, DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF MADISON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF MADISON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY OF MADISON FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF MADISON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

I, JEFFREY R. OUAMME, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095 OF THE WISCONSIN STATE STATUTES AND UNDER THE DIRECTION OF CITY OF MADISON, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 5992-09-25 - 4.04 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

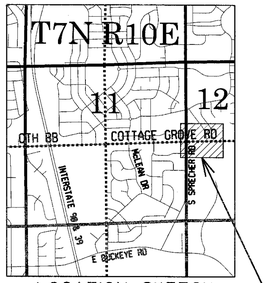
WISCONSIN — JEFFREY R. OUAMME S-1922 DEERFIELD, WI — LAND SURVEYOR

(SIGNATURE) _____ 5/23/2019

(PRINTED NAME) JEFFREY R. OUAMME

(REGISTRATION NO.) S-1922

LOCATION SKETCH
NOT TO SCALE



SHEET LOCATION

GN

0 50 100

SCALE, FEET

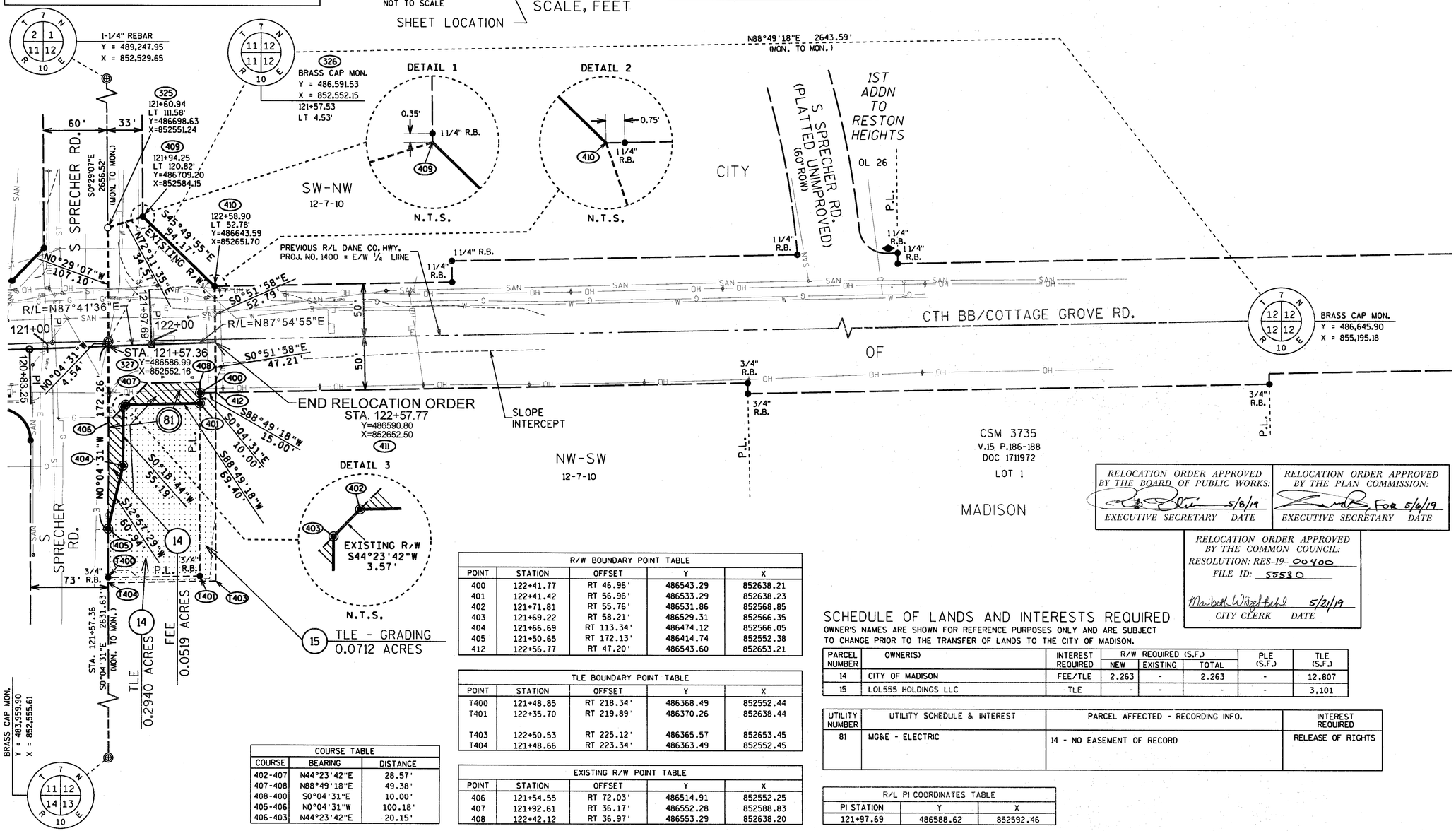
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN DANE COUNTY, AS SHEET 2 OF 2 OF DOCUMENT 5491794

EXISTING HIGHWAY RIGHT-OF-WAY IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH BB ESTABLISHED FROM PREVIOUS DANE CO. HWY. DEPT. PROJ. NO. 1400, FIRST ADDN. TO RESTON HEIGHTS AND CSM 3735.

Office of Register of Deeds
Dane County, Wisconsin
Received for Record May 31
20 19 at 12:34 o'clock P M
and recorded in vol. 61-012B
of Plats on page 66
Kristi Chlebowski BY
Dawn McCarthy, DEPUTY Register

Document No. 5492160

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5992-09-25 - 4.04



R/W BOUNDARY POINT TABLE				
POINT	STATION	OFFSET	Y	X
400	122+41.77	RT 46.96'	486543.29	852638.21
401	122+41.42	RT 56.96'	486533.29	852638.23
402	121+71.81	RT 55.76'	486531.86	852568.85
403	121+69.22	RT 58.21'	486529.31	852566.35
404	121+66.69	RT 113.34'	486474.12	852566.05
405	121+50.65	RT 172.13'	486414.74	852552.38
412	122+56.77	RT 47.20'	486543.60	852653.21

TLE BOUNDARY POINT TABLE				
POINT	STATION	OFFSET	Y	X
T400	121+48.85	RT 218.34'	486368.49	852552.44
T401	122+35.70	RT 219.89'	486370.26	852638.44
T403	122+50.53	RT 225.12'	486365.57	852653.45
T404	121+48.66	RT 223.34'	486363.49	852552.45

EXISTING R/W POINT TABLE				
POINT	STATION	OFFSET	Y	X
406	121+54.55	RT 72.03'	486514.91	852552.25
407	121+92.61	RT 36.17'	486552.28	852588.83
408	122+42.12	RT 36.97'	486553.29	852638.20

COURSE TABLE		
COURSE	BEARING	DISTANCE
402-407	N44°23'42"E	28.57'
407-408	N88°49'18"E	49.38'
408-400	S0°04'31"E	10.00'
405-406	N0°04'31"W	100.18'
406-403	N44°23'42"E	20.15'

RELOCATION ORDER APPROVED BY THE BOARD OF PUBLIC WORKS: _____ 5/8/19
EXECUTIVE SECRETARY DATE

RELOCATION ORDER APPROVED BY THE PLAN COMMISSION: _____ For 5/6/19
EXECUTIVE SECRETARY DATE

RELOCATION ORDER APPROVED BY THE COMMON COUNCIL:
RESOLUTION: RES-19-00400
FILE ID: 55530
Maribeth Witzel-Behl 5/21/19
CITY CLERK DATE

SCHEDULE OF LANDS AND INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS TO THE CITY OF MADISON.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W REQUIRED (S.F.) NEW	EXISTING	TOTAL	PLE (S.F.)	TLE (S.F.)
14	CITY OF MADISON	FEE/TLE	2,263	-	2,263	-	12,807
15	LOL555 HOLDINGS LLC	TLE	-	-	-	-	3,101

UTILITY NUMBER	UTILITY SCHEDULE & INTEREST	PARCEL AFFECTED - RECORDING INFO.	INTEREST REQUIRED
81	MG&E - ELECTRIC	14 - NO EASEMENT OF RECORD	RELEASE OF RIGHTS

R/L PI COORDINATES TABLE		
PI STATION	Y	X
121+97.69	486588.62	852592.46

FILE NAME : M:\DESIGN\Projects\ 53W0472\Survey\Drawings\TPP\SHEET 4.dgn
PLOT DATE : 5/23/2019
PLOT BY : djs
APPRAISAL PLAT DATE :

BEGIN PROJECT 5992-09-26
STA 81+62 & STA 16+05
MILL & OVERLAY LIMITS
MATCH EXISTING
PROJECT 5992-09-27 TO WEST

0710-112-1903-9
JUPITER CROSSING LLC
834 Jupiter Dr

0710-112-1910-4
SHIELDS PROPERTIES LLC
842 Jupiter Dr

0710-112-1901-3
VERIDIAN HOMES FBB LLC
858 Jupiter Dr

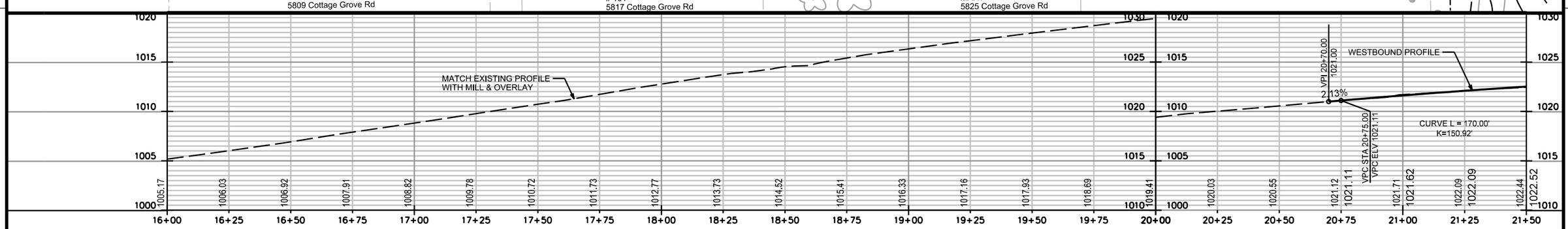
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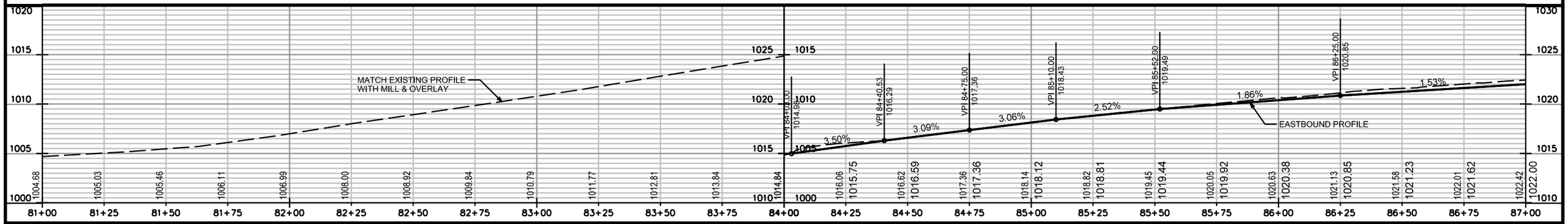
CITY OF MADISON STORM SEWER
MG&E ELEC
AT&T
WINDSTREAM
CHARTER
EXISTING RIGHT-OF-WAY
MG&E GAS
CITY OF MADISON STORM SEWER
WINDSTREAM FIBER
MG&E
AT&T
NORTH STAR DR
6" PE GAS MAIN
CITY OF MADISON TRAFFIC ENG
MG&E GAS
MG&E ELEC
COTTAGE GROVE RD WB R/L
COTTAGE GROVE RD EB R/L
16+00
16+00.00
POB
17+00
18+00
18+25.00
PI
18+00
20+00
21+00
81+00
81+00.00
POB
82+00
83+00
84+00
85+00
85+27.19
PI
86+00
87+00
MATCHLINE STA 87+EB+00.00 & 21+EB+50.00
CHARTER
AT&T
CHARTER
MG&E OVERHEAD ELEC
EXISTING RIGHT-OF-WAY
CHARTER
ASPHALTIC FLUME
SLOPE INTERCEPT (TYP)
200+39.47
PC

0710-113-0904-6
HOVDE REALTY INC
101
5809 Cottage Grove Rd

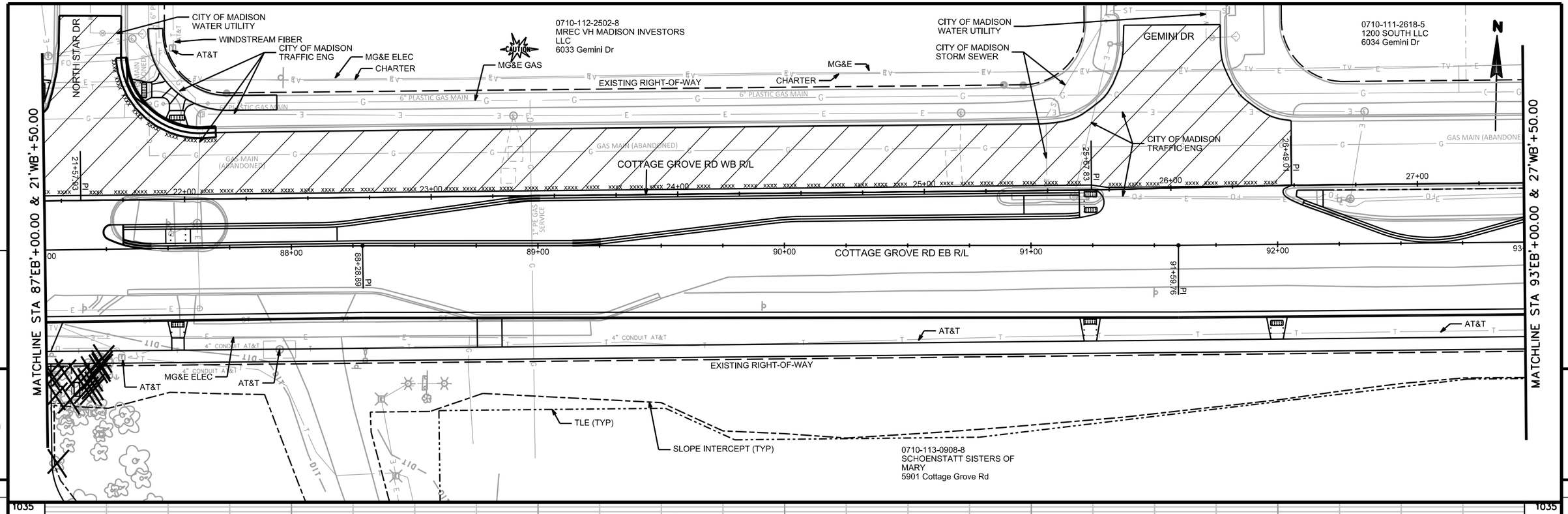
0710-113-0905-4
HOVDE REALTY INC
101
5817 Cottage Grove Rd

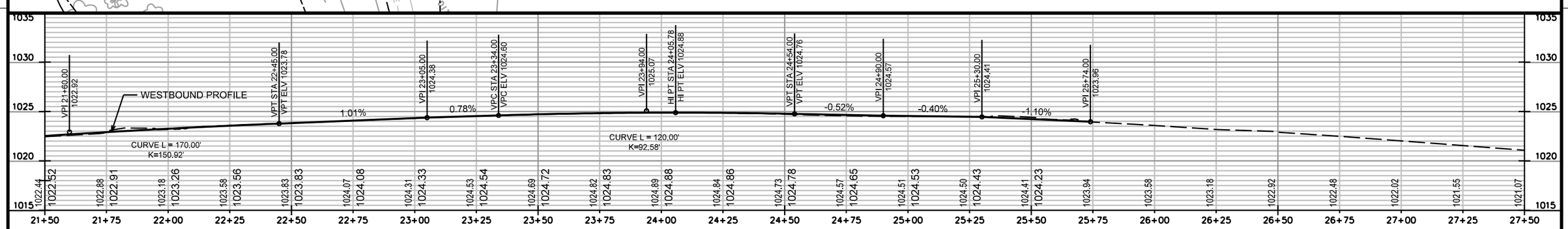
0710-113-0906-2
SCHOENSTATT SISTERS OF MARY
5825 Cottage Grove Rd



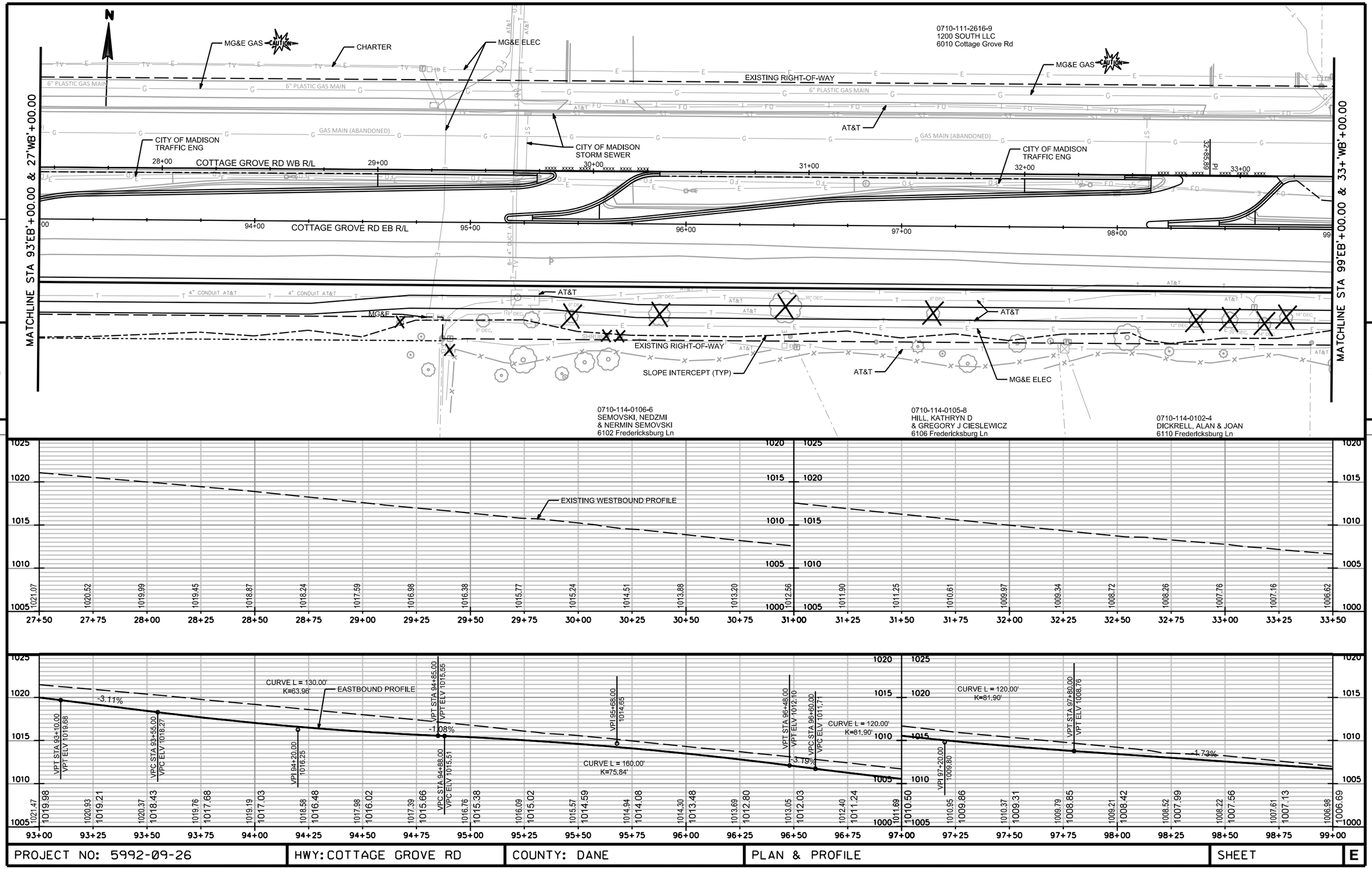


PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN & PROFILE	SHEET	E



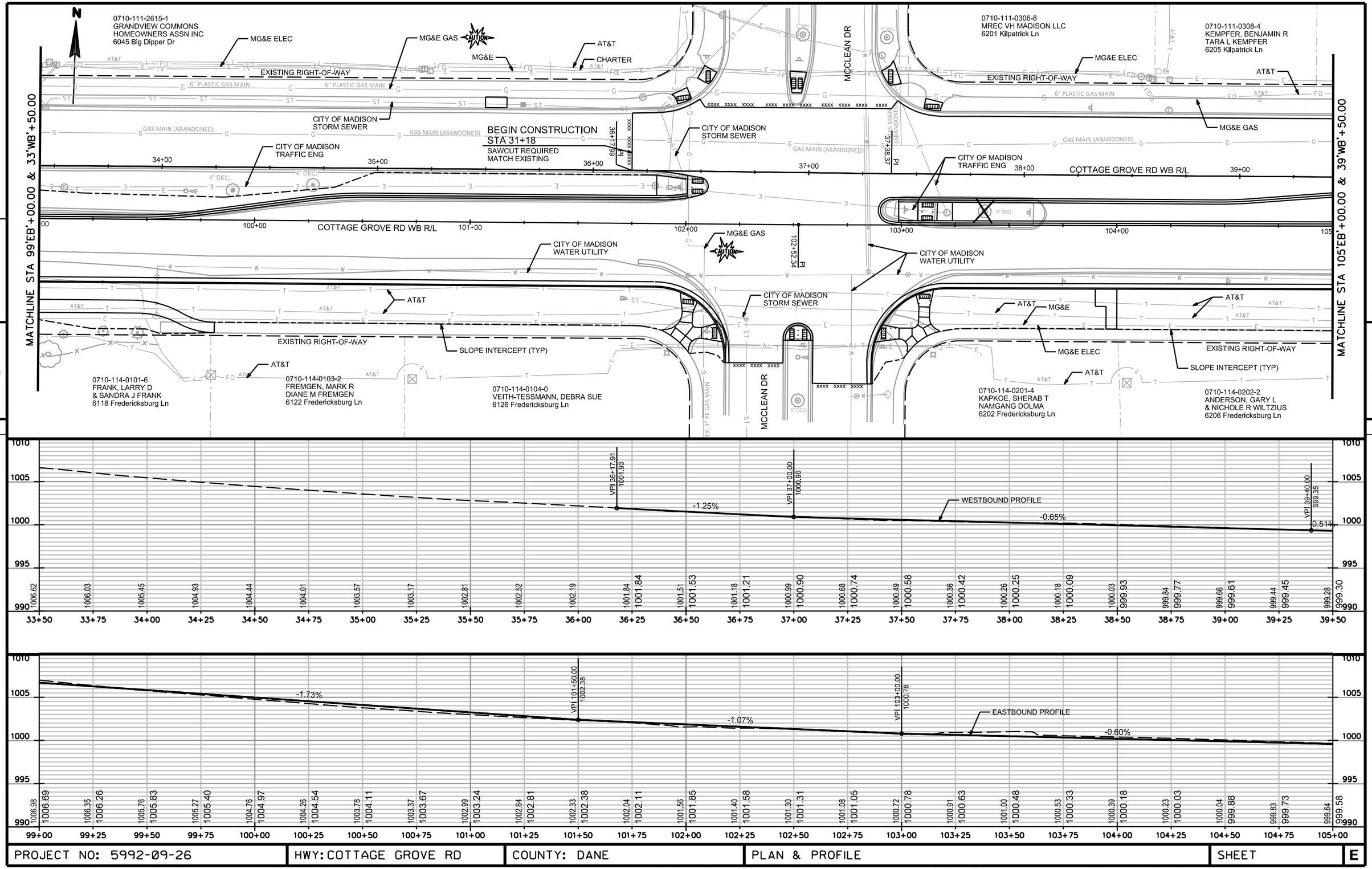


PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN & PROFILE	SHEET	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN & PROFILE	SHEET	E

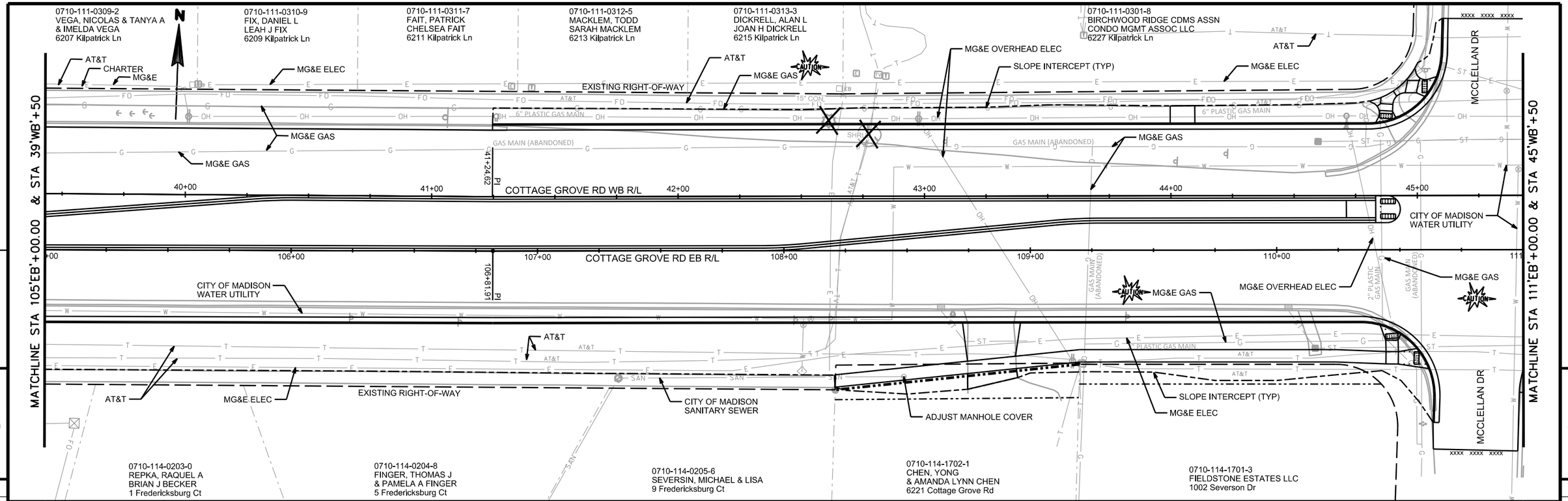
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN & PROFILE	SHEET	E

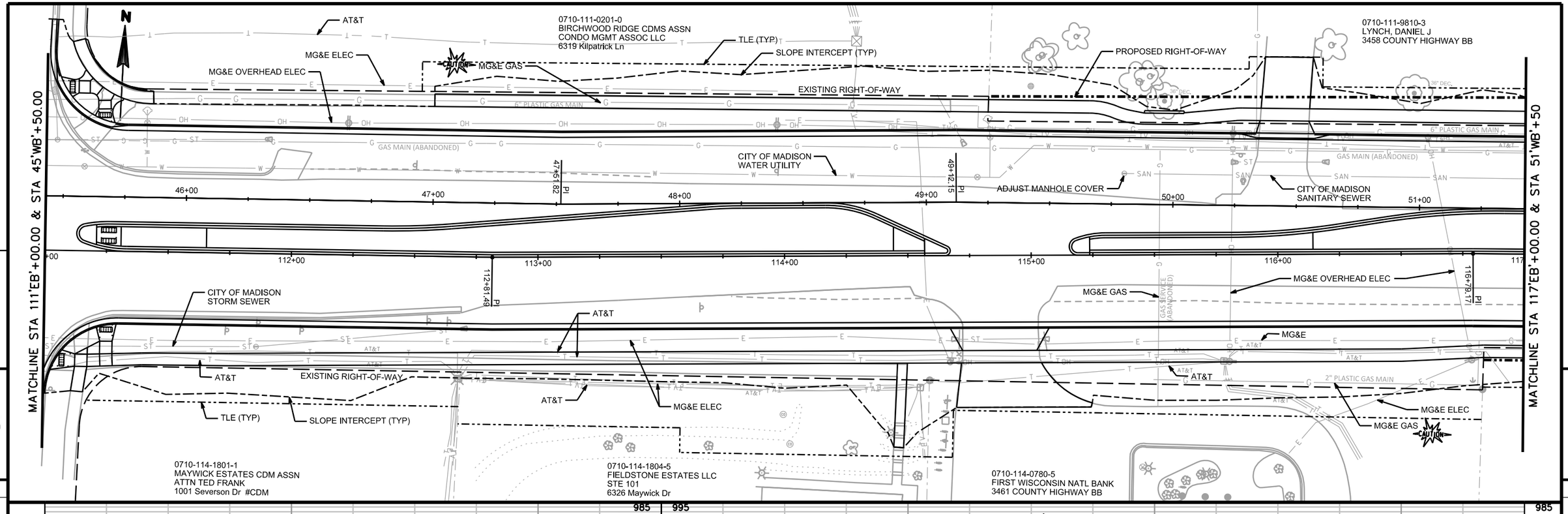
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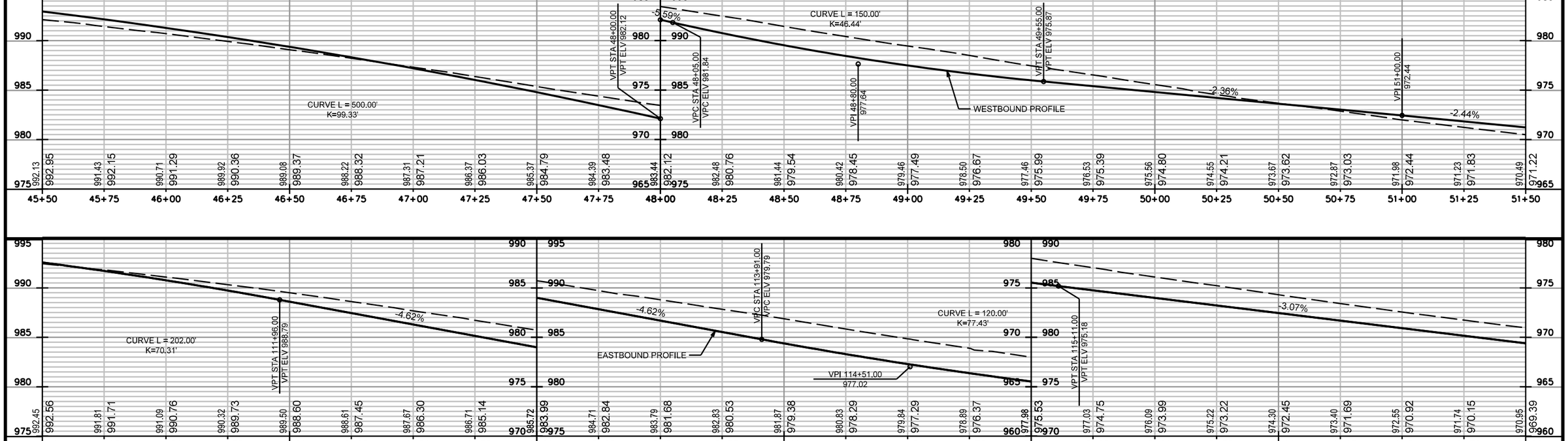
WISDOT/CADDS SHEET 46



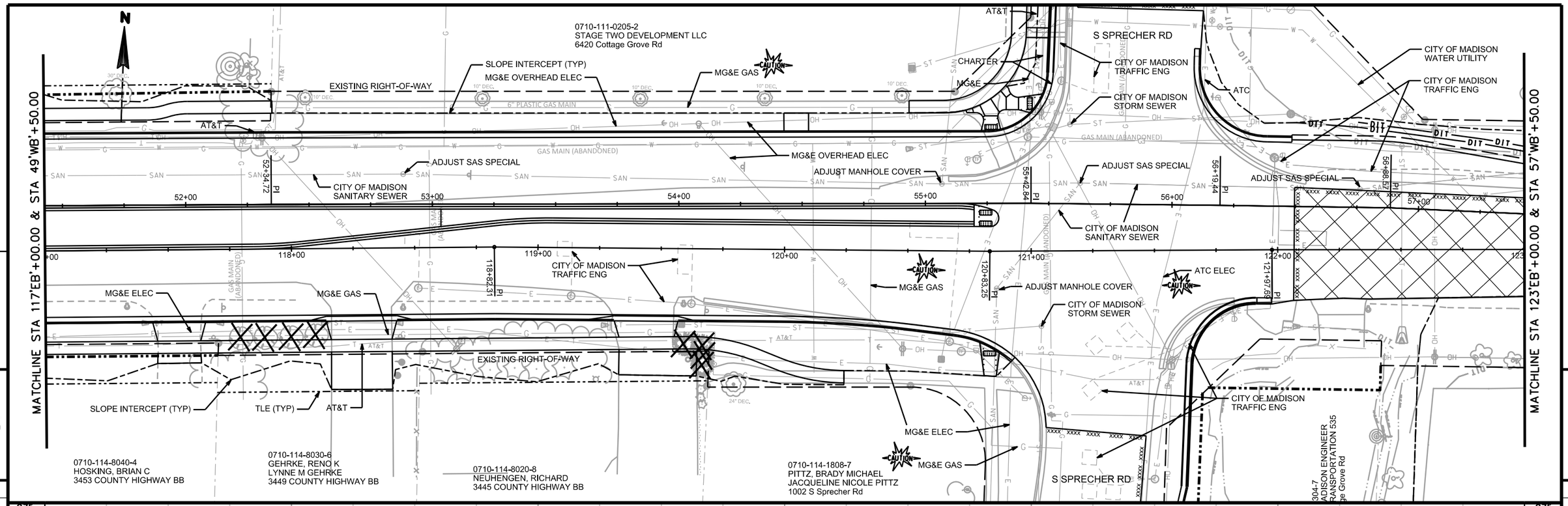
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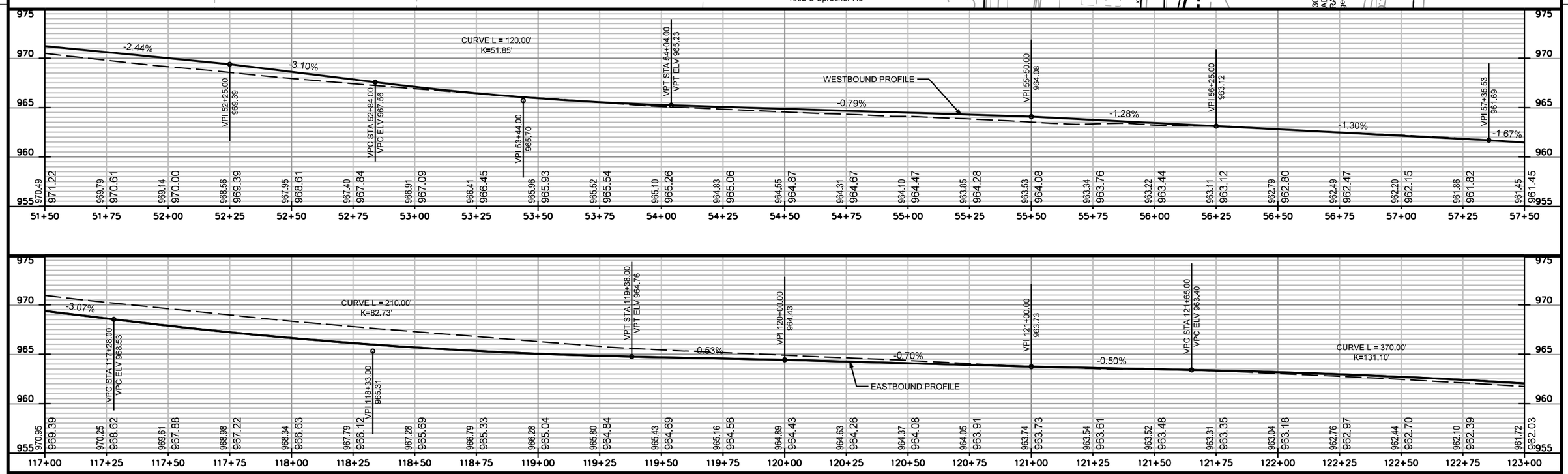
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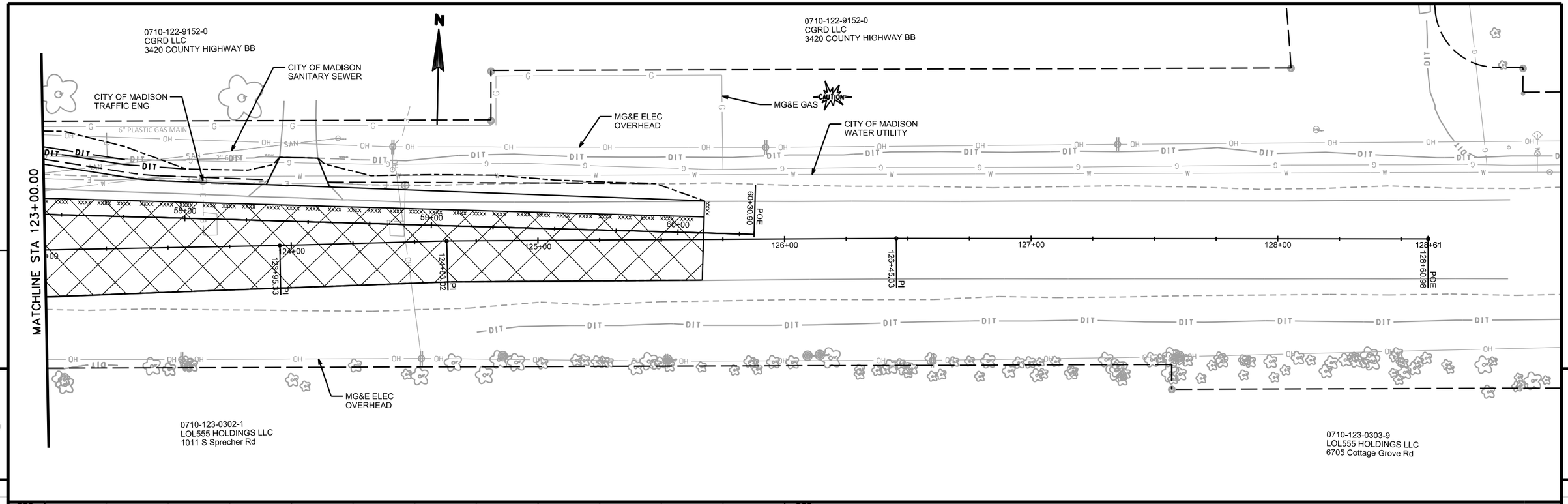


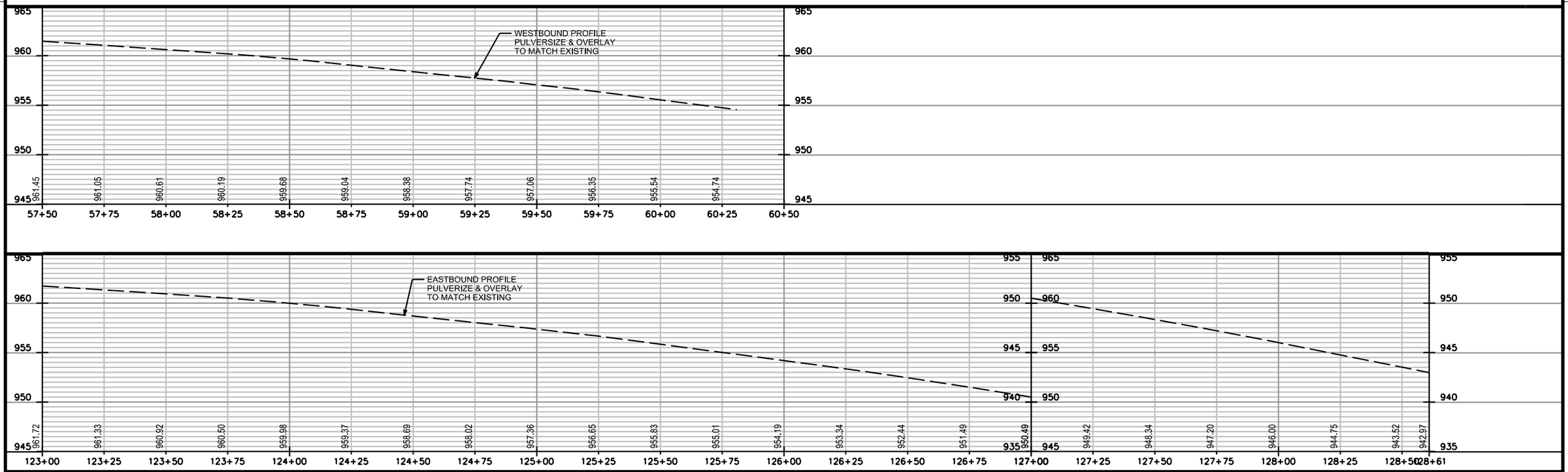
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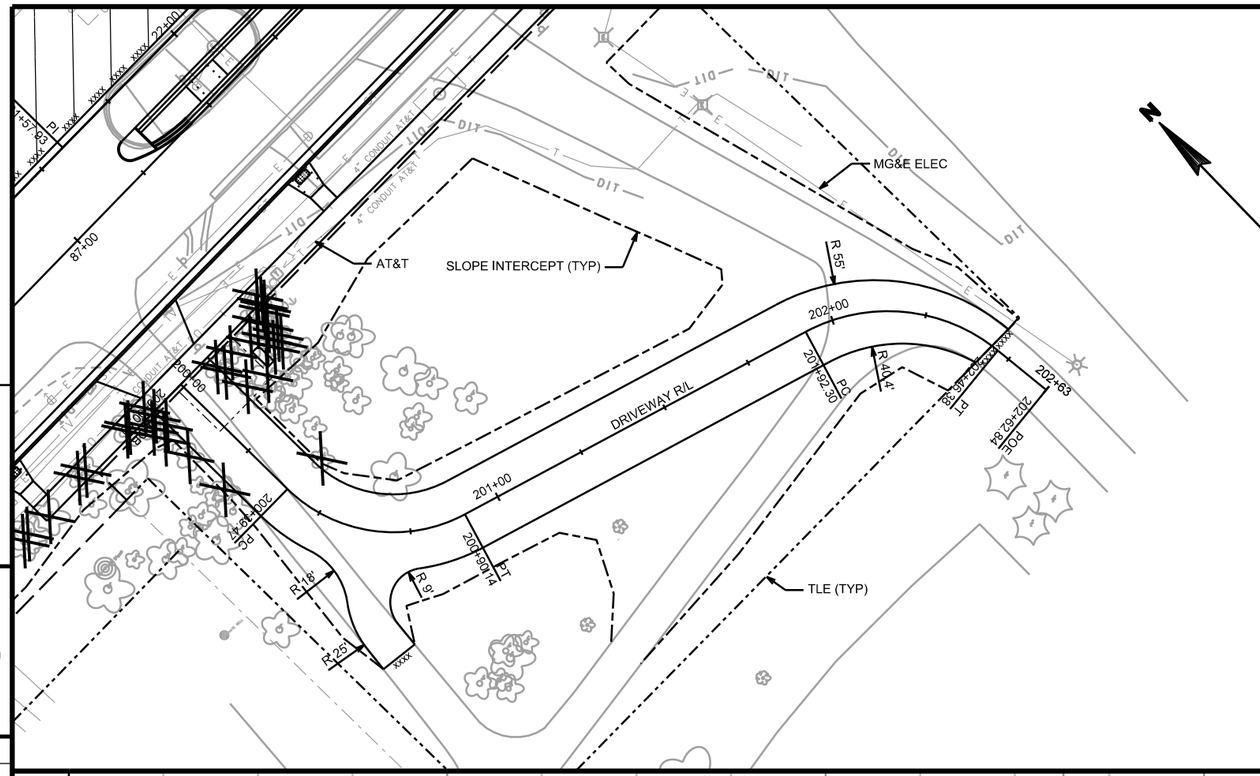


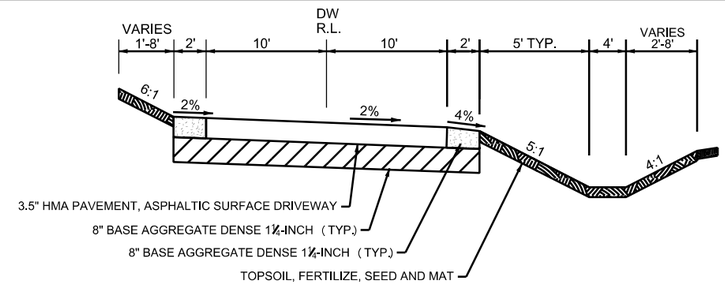
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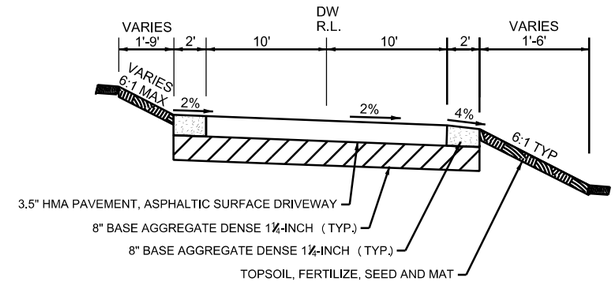


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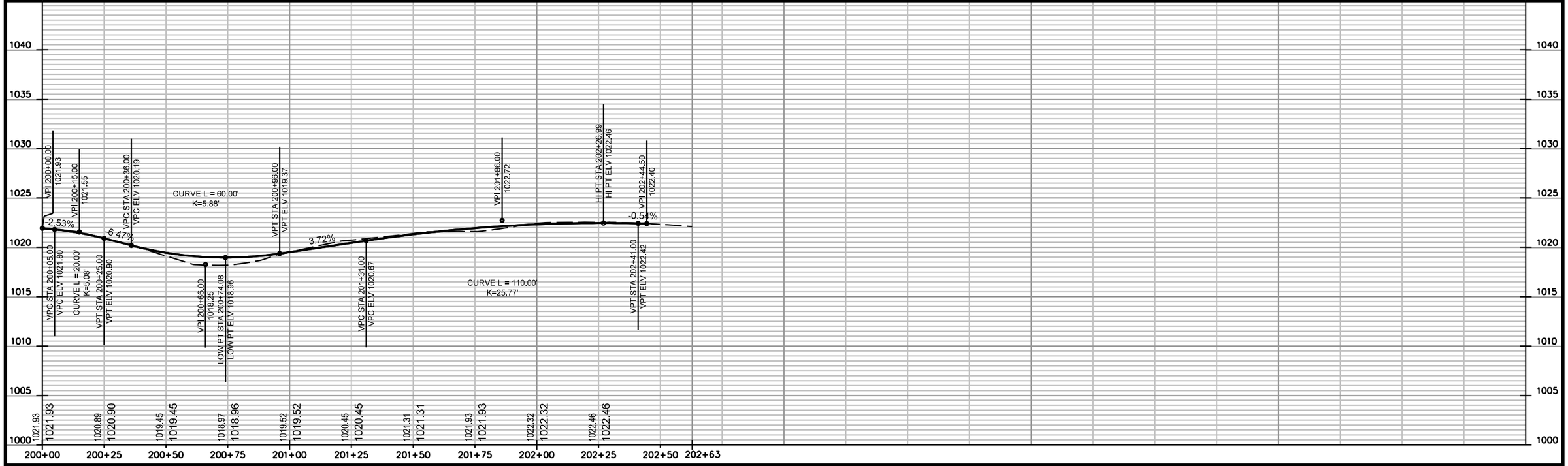




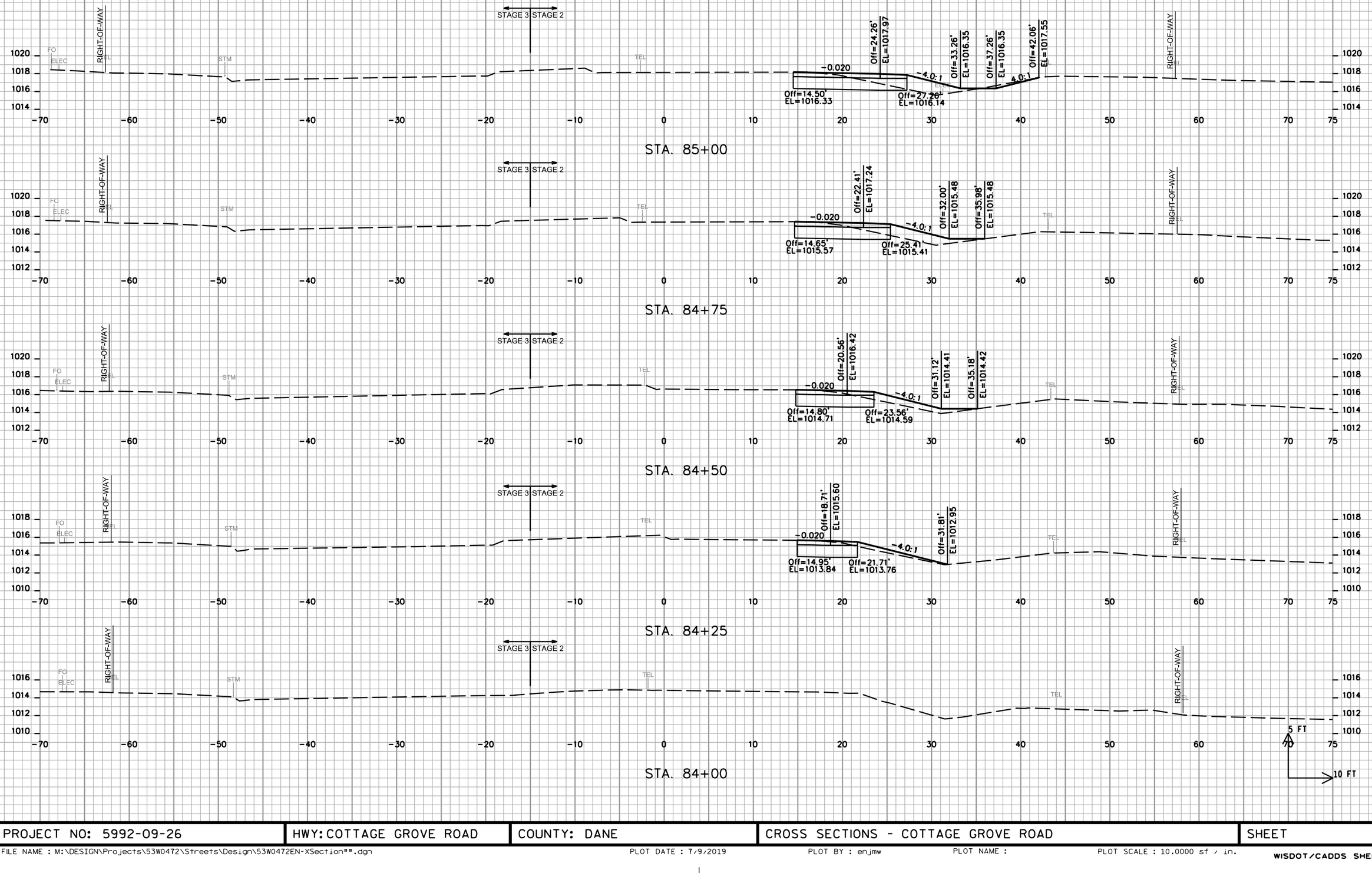
PROPOSED TYPICAL SECTION - DRIVEWAY
STA 200+00 TO STA 200+50



PROPOSED TYPICAL SECTION - DRIVEWAY
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE RD	COUNTY: DANE	PLAN & PROFILE	SHEET	E



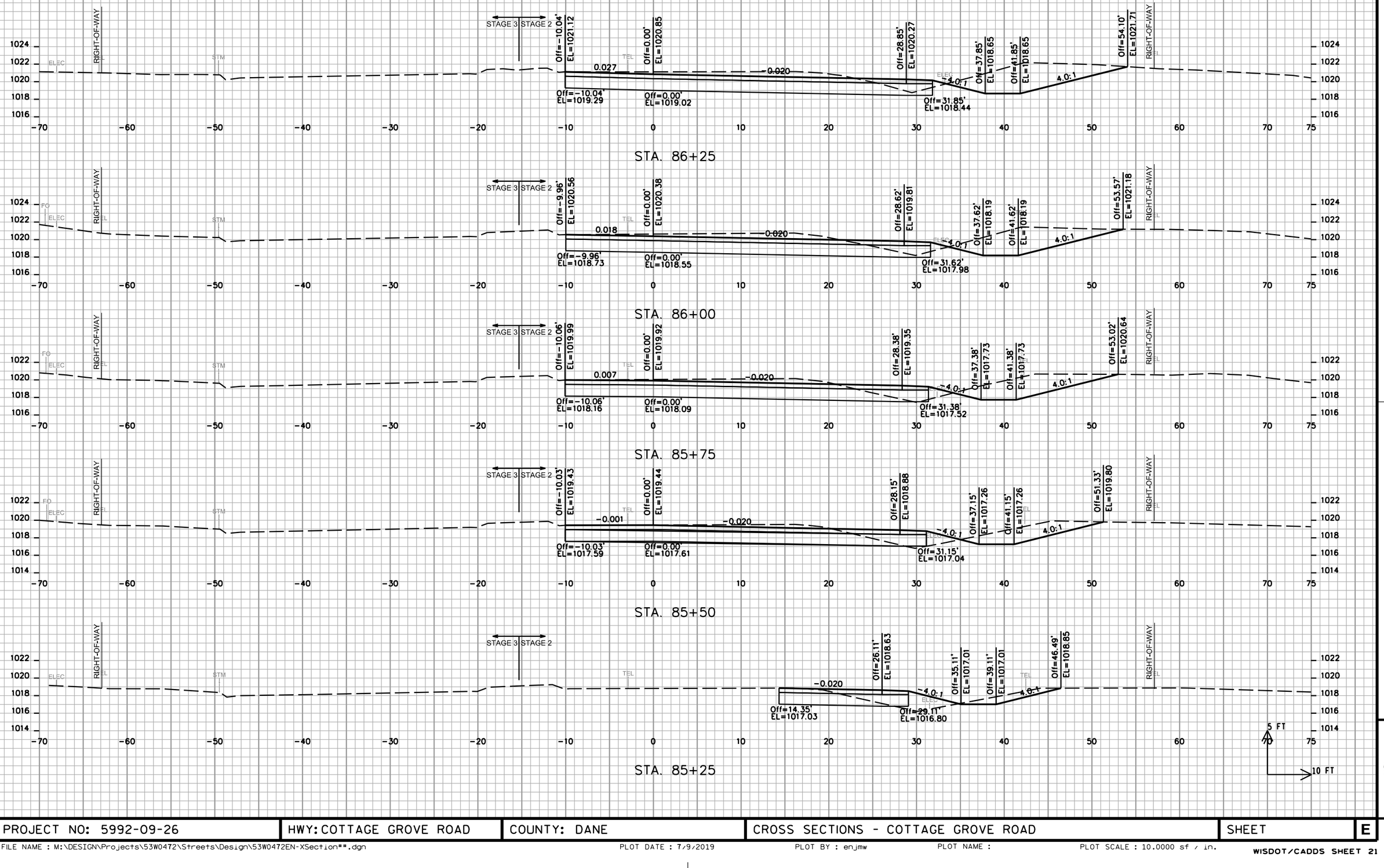
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Streets\Design\53W0472EN-XSection**.dgn PLOT DATE : 7/9/2019 PLOT BY : enjmw PLOT NAME : PLOT SCALE : 10.0000 sf / in.

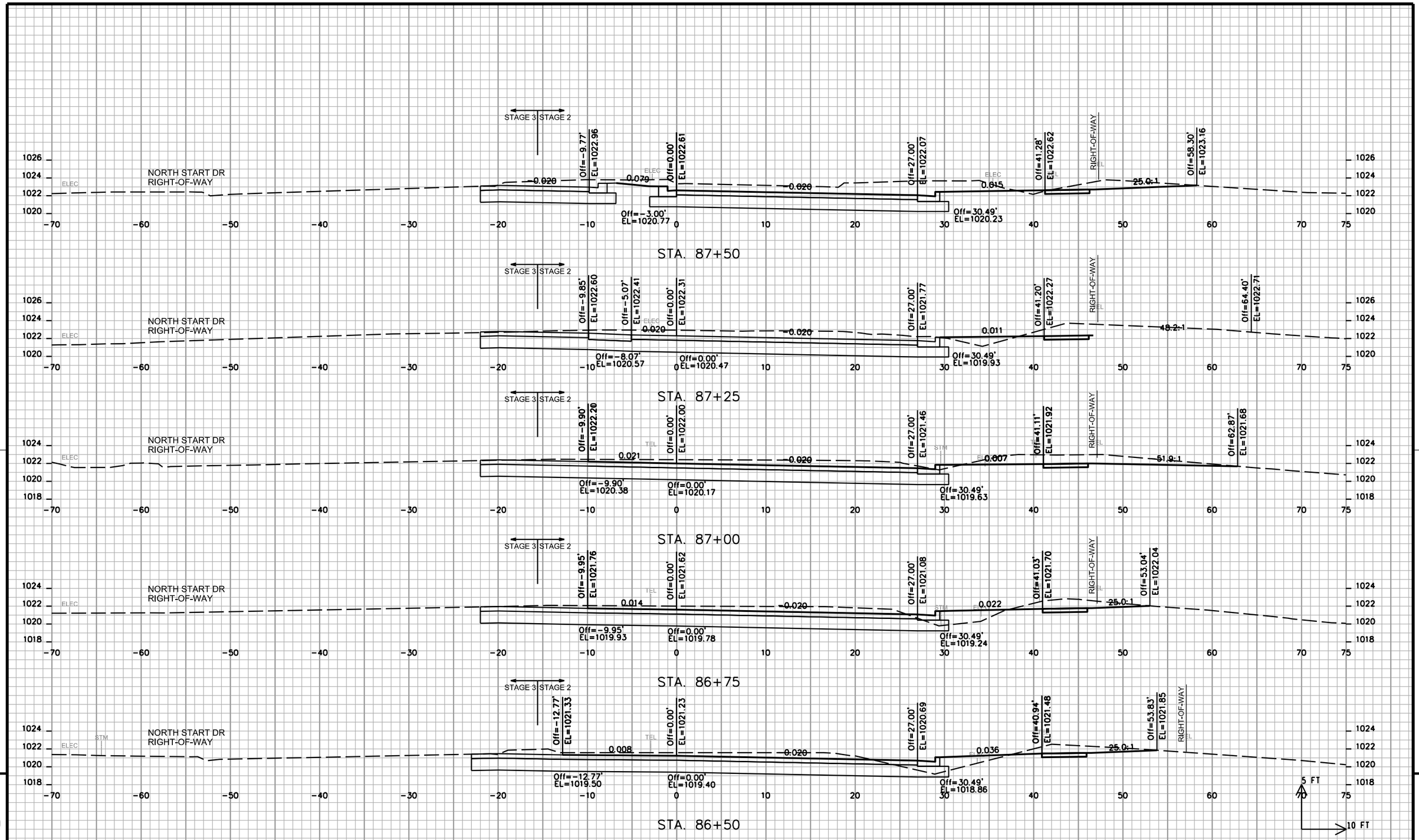
WISDOT/CADDS SHEET 21



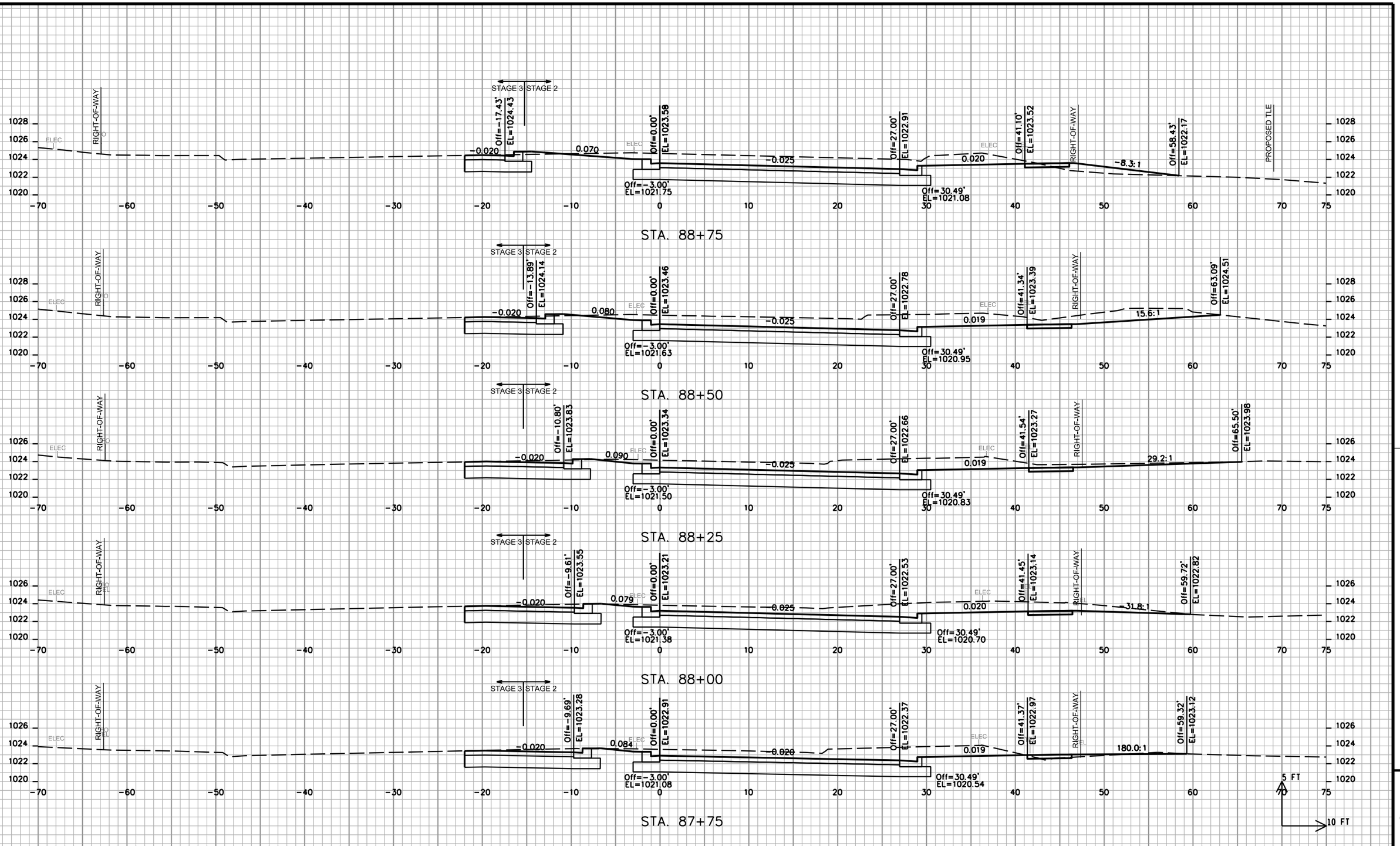
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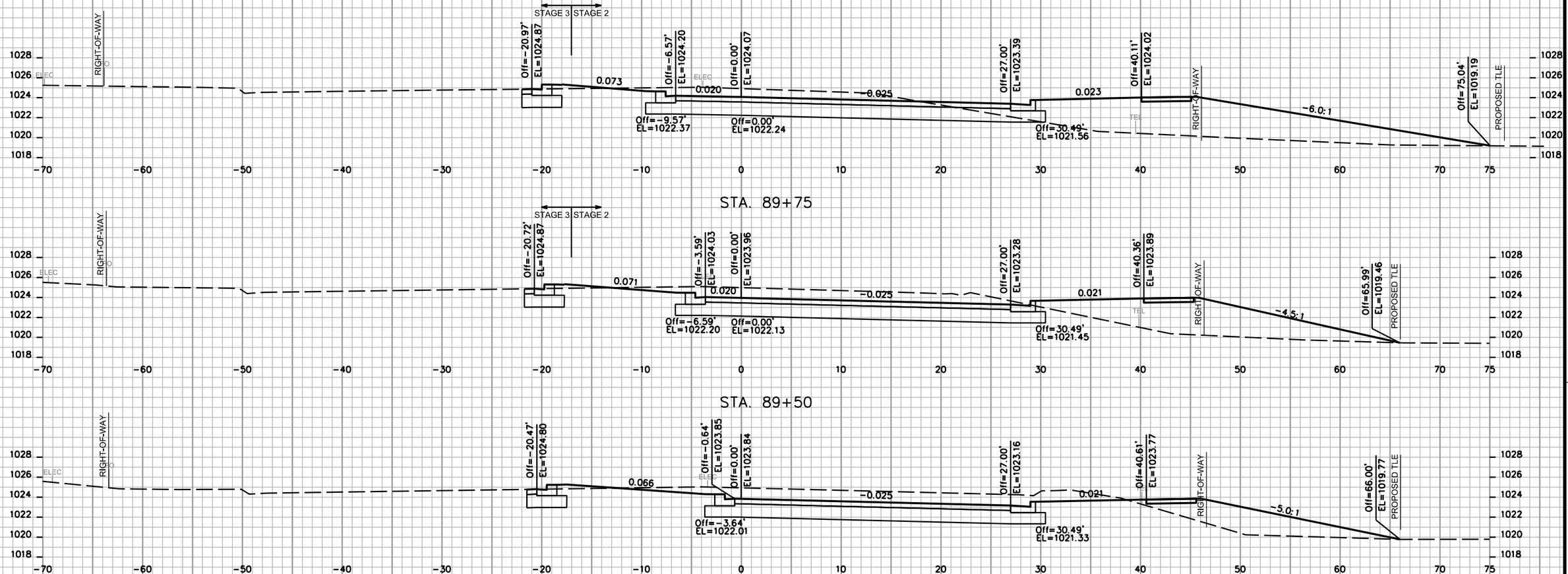
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E



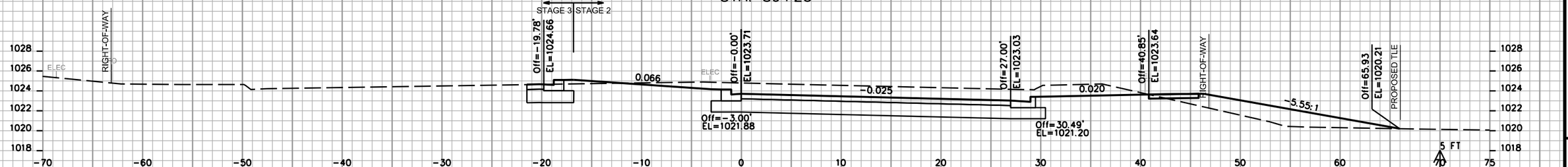
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E



STA. 89+75

STA. 89+50

STA. 89+25

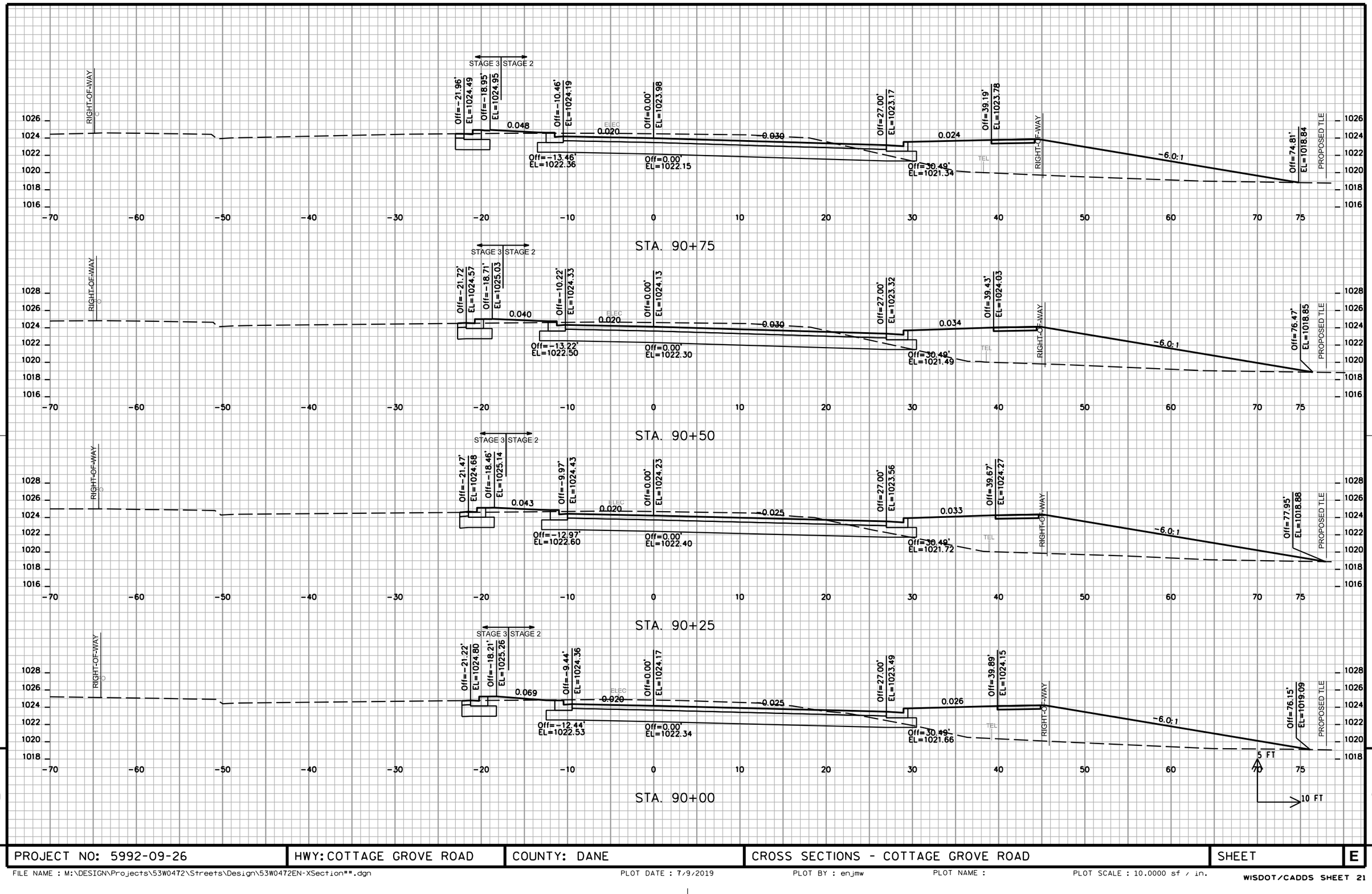


STA. 89+00

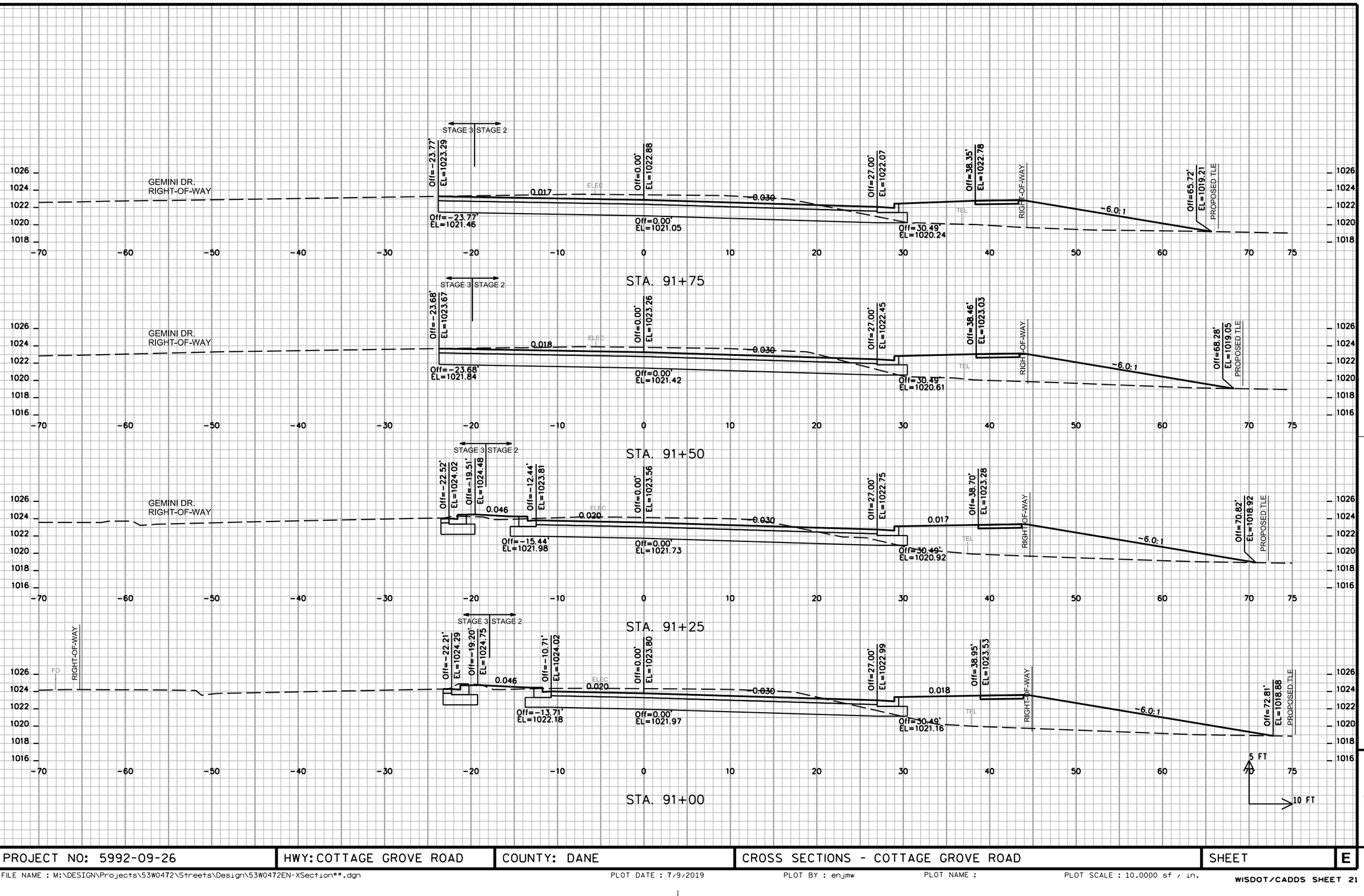
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E



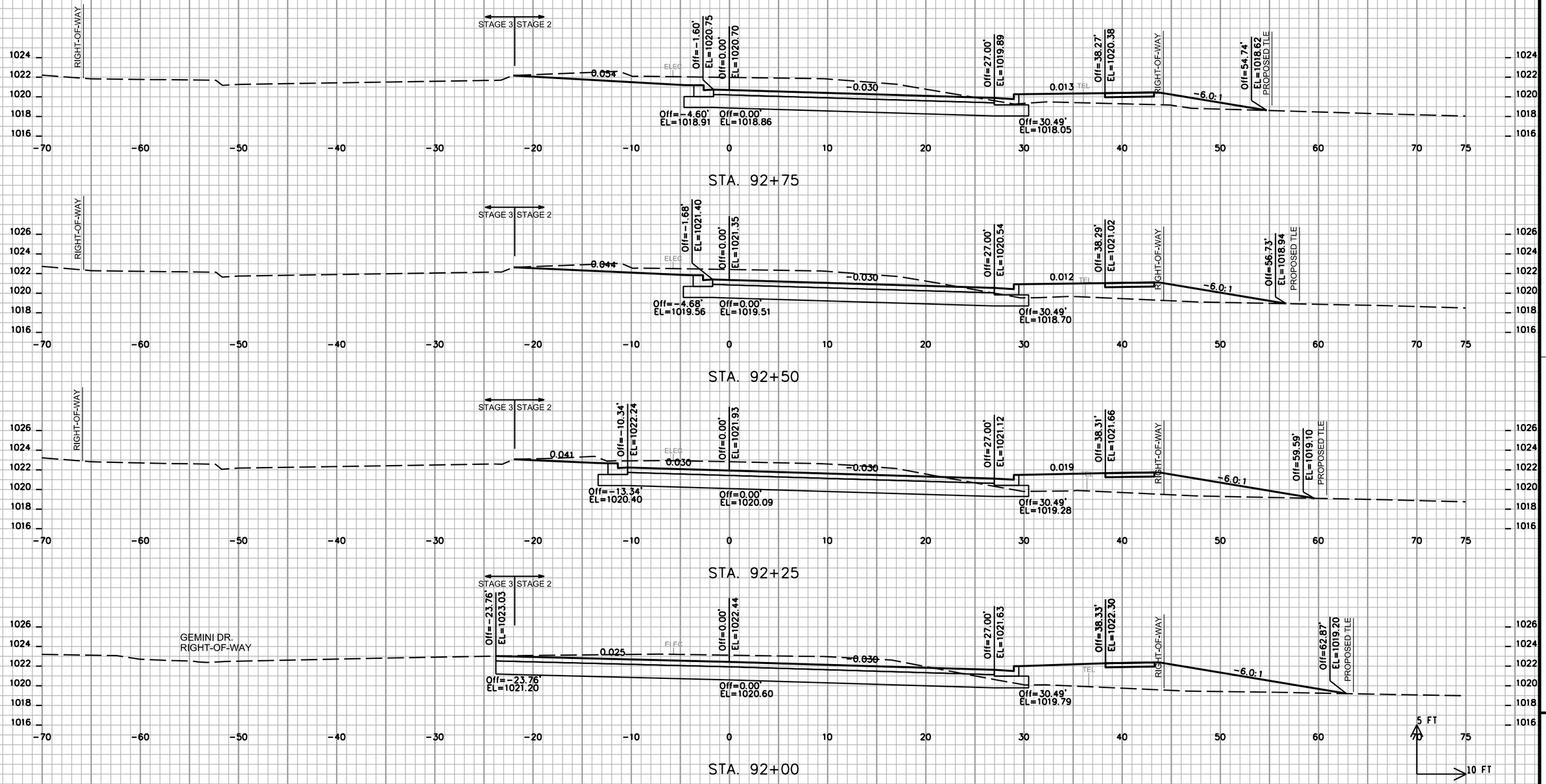
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Streets\Design\53W0472EN-XSection**.dgn | PLOT DATE : 7/9/2019 | PLOT BY : enjmw | PLOT NAME : | PLOT SCALE : 10.0000 sf / in.

WISDOT/CADDS SHEET 21



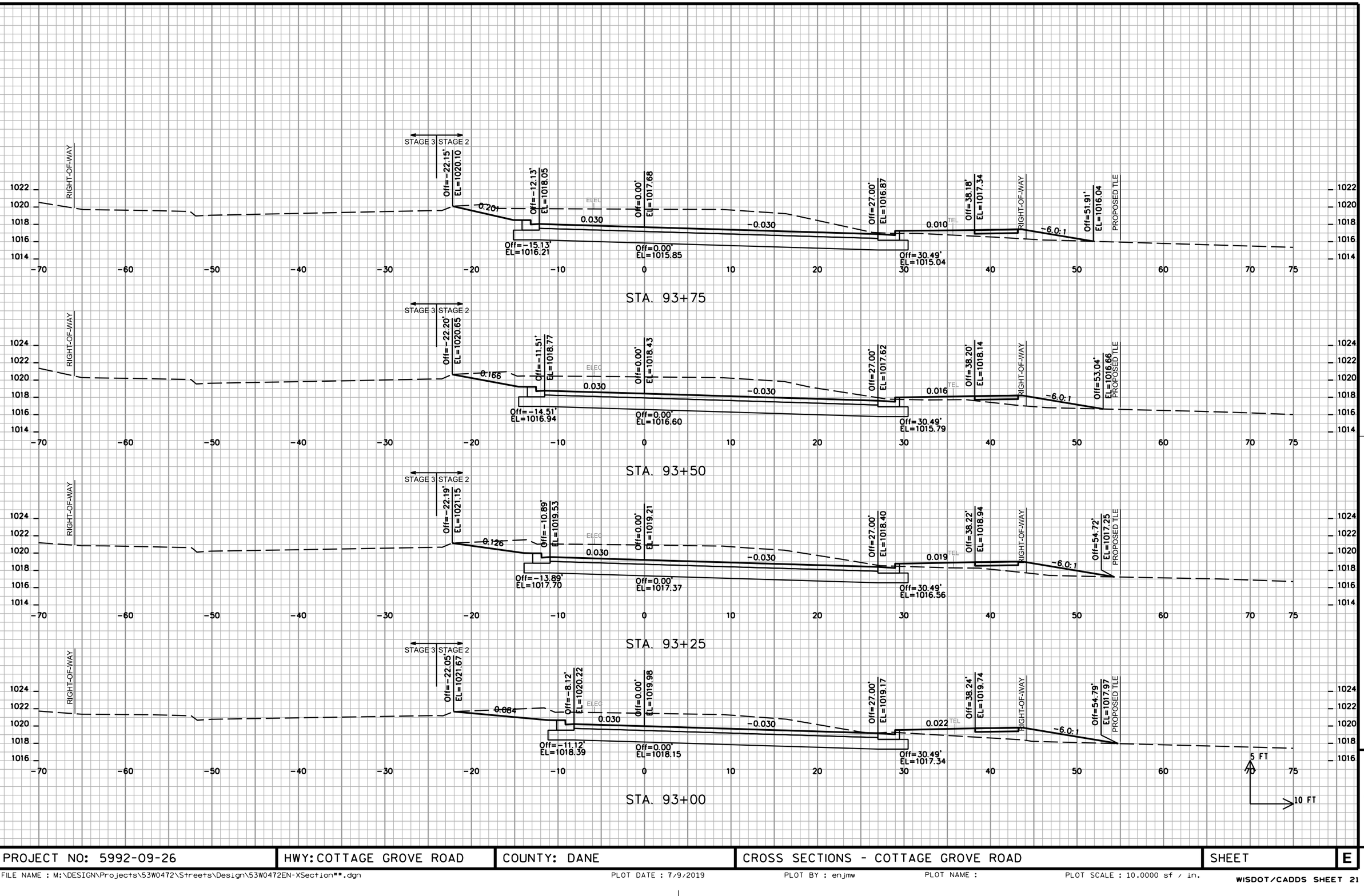
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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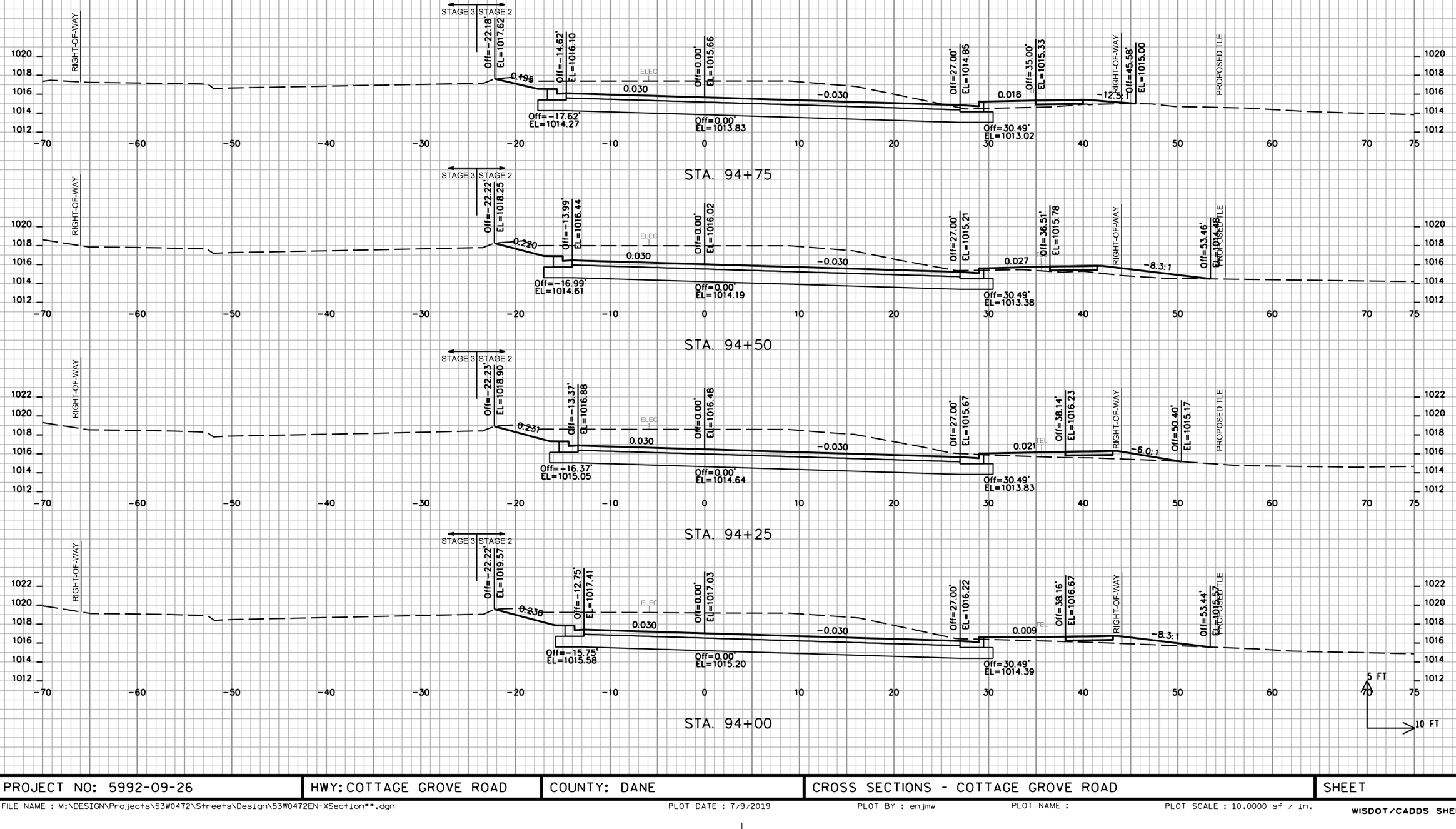
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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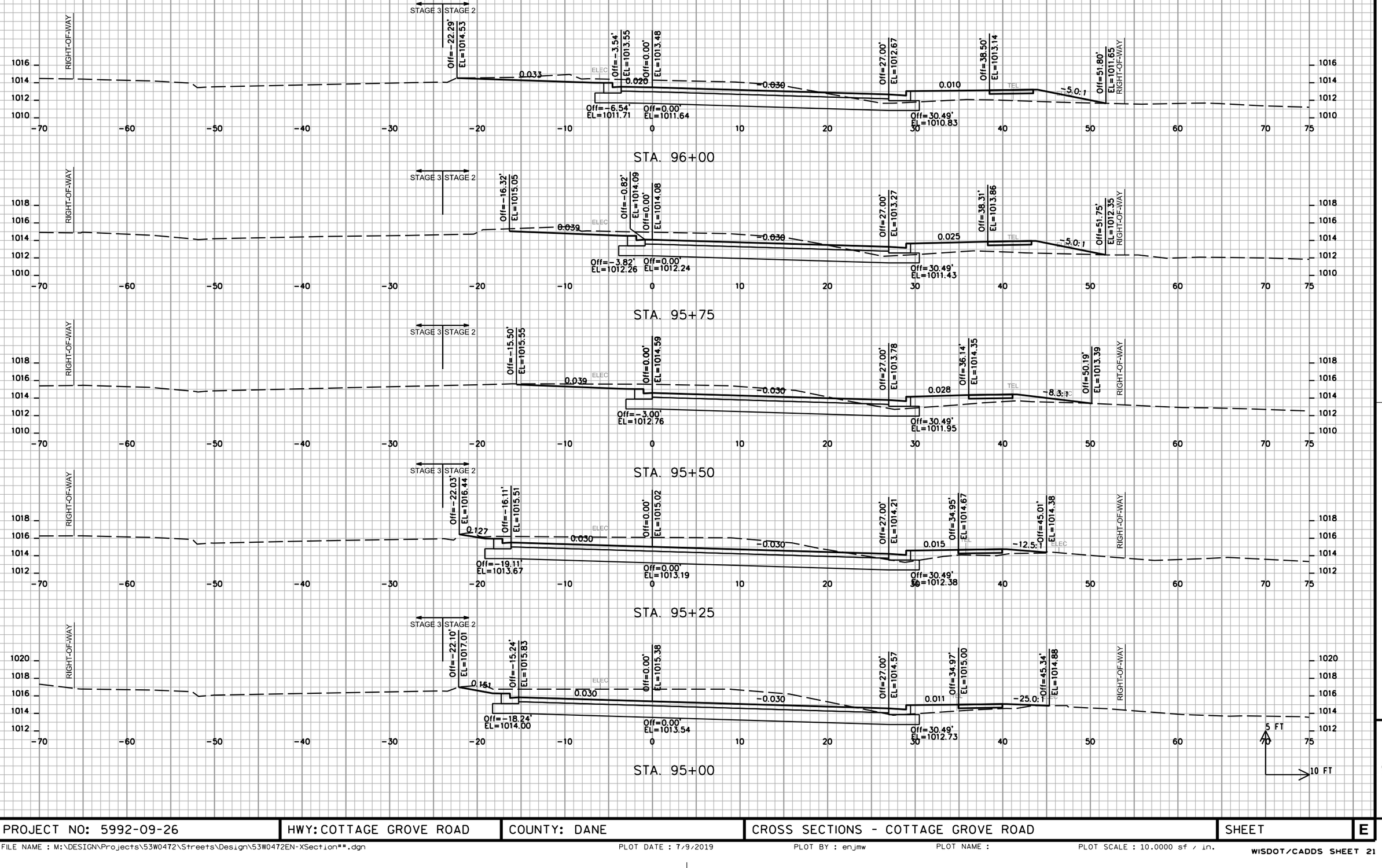
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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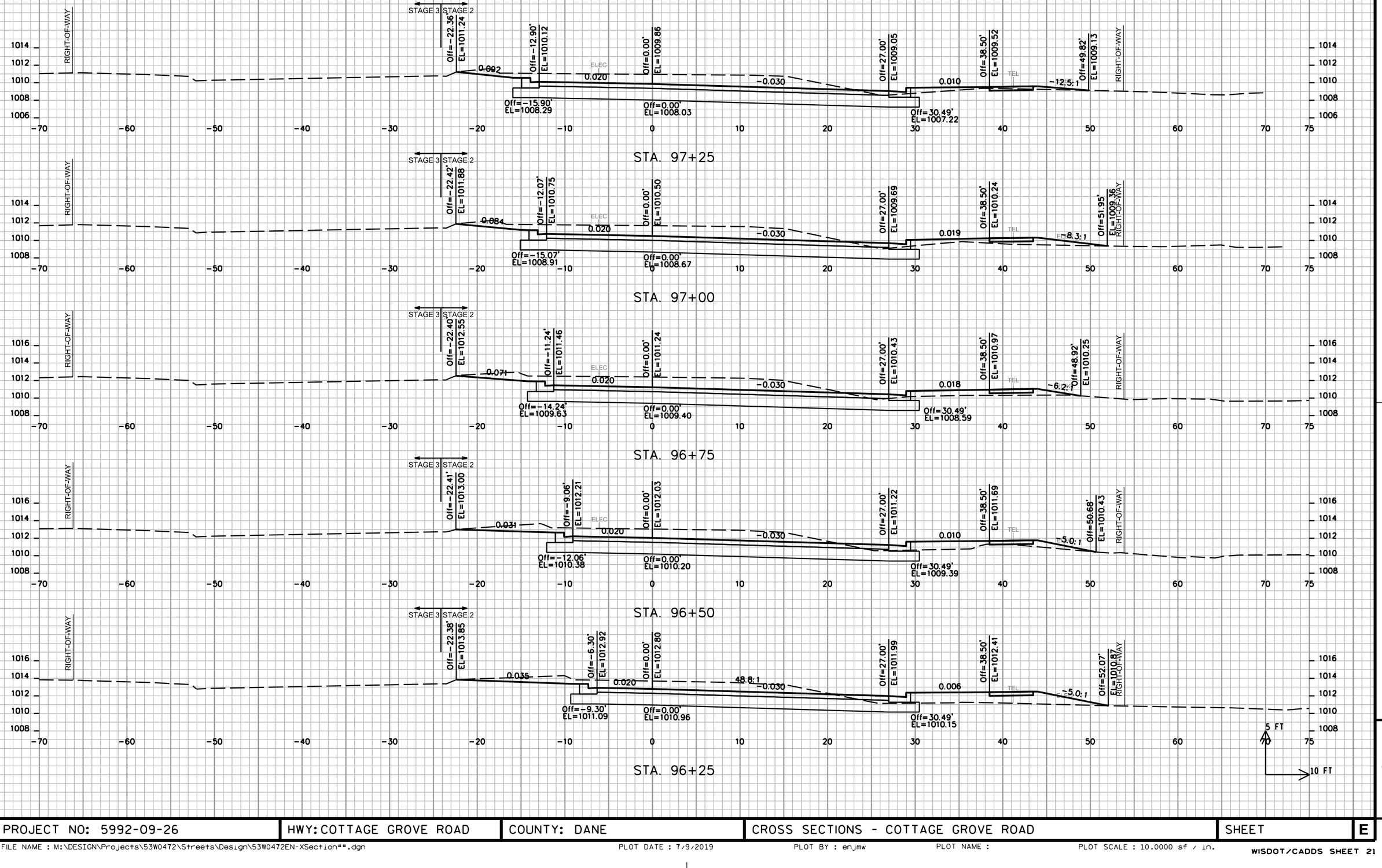
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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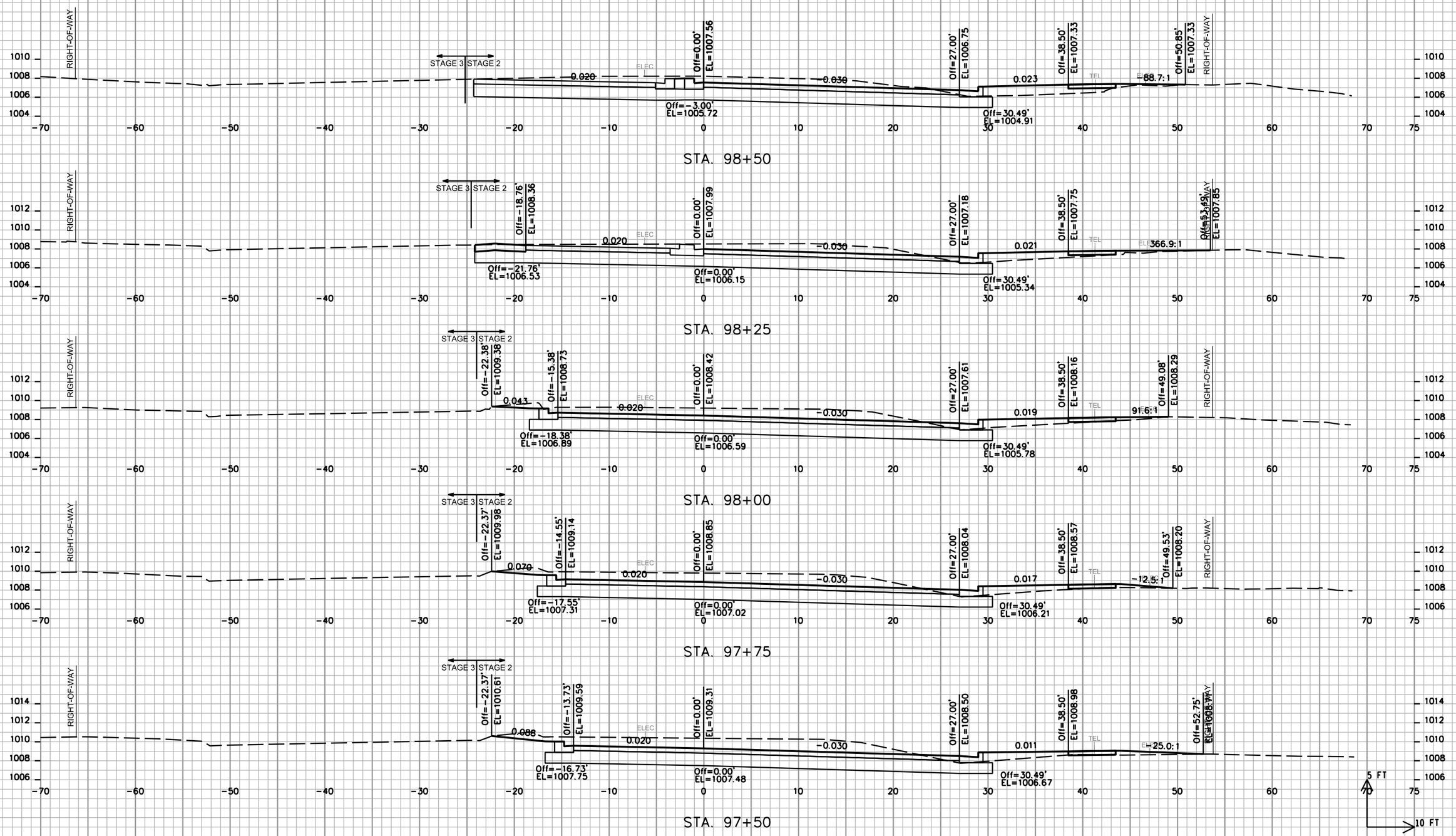
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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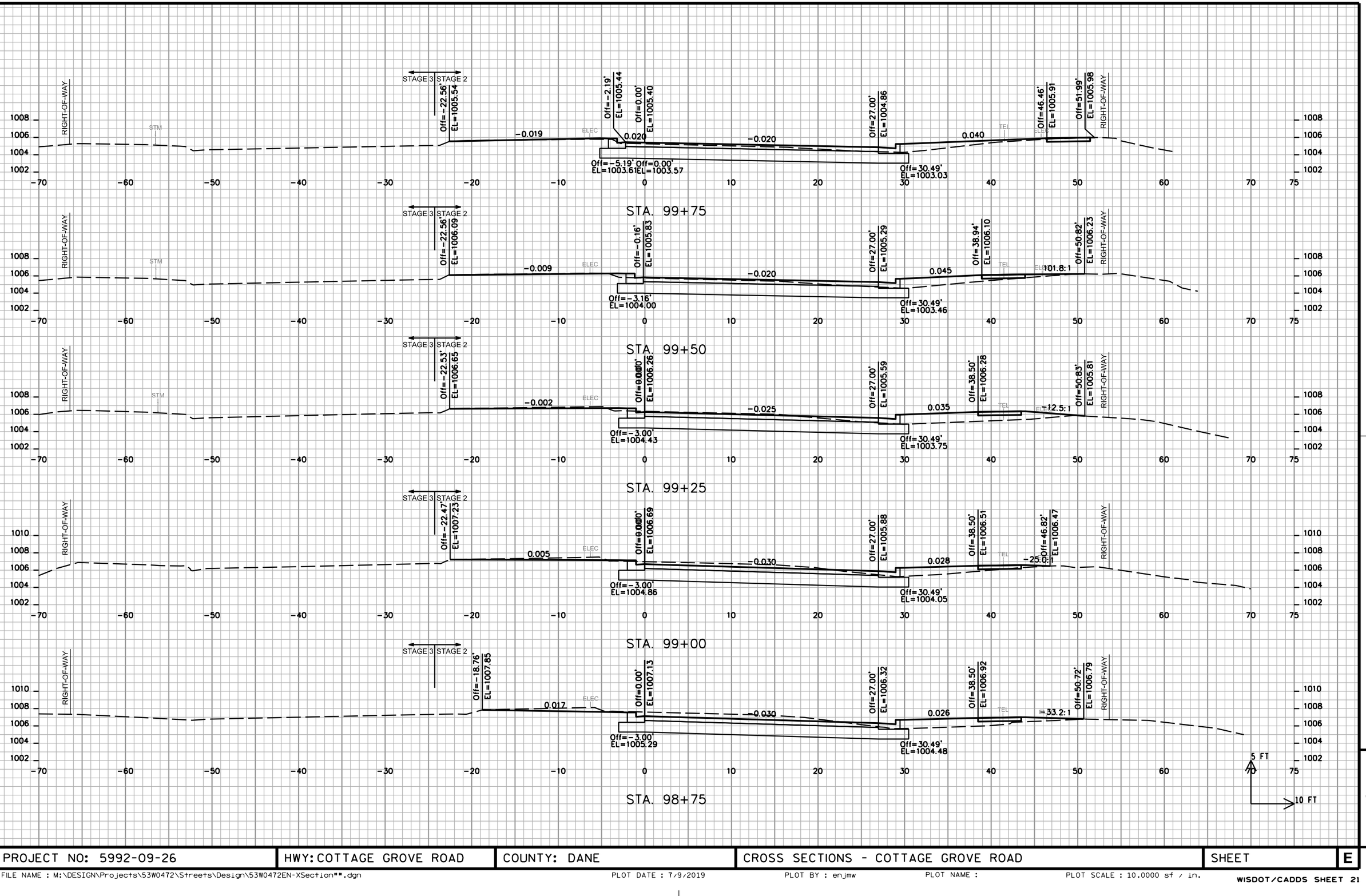
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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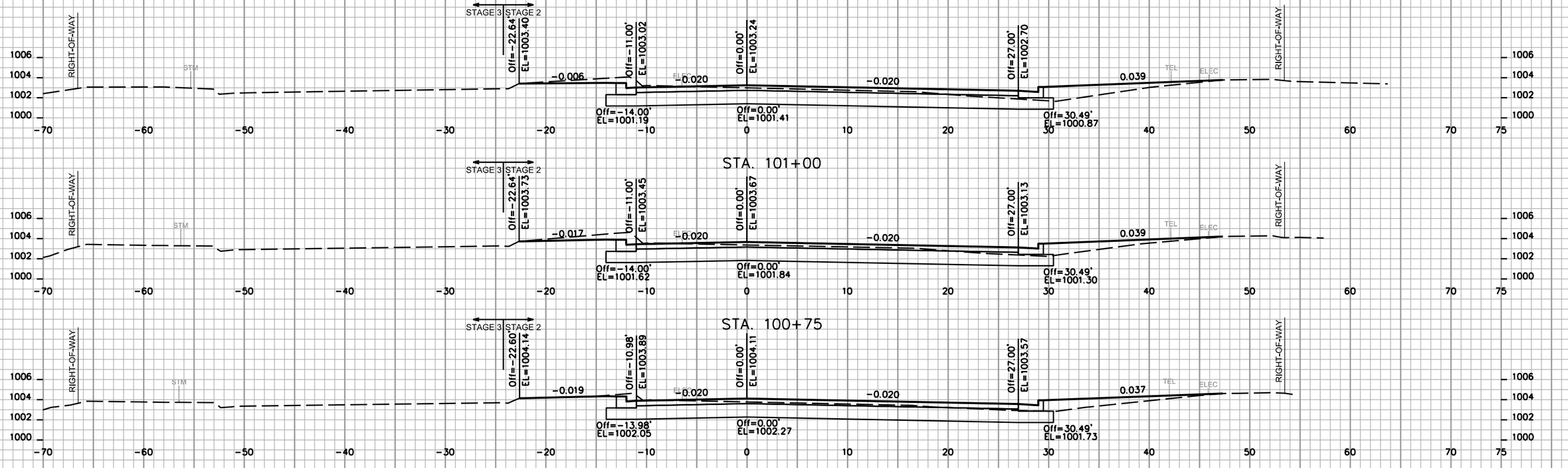
WISDOT/CADDS SHEET 21



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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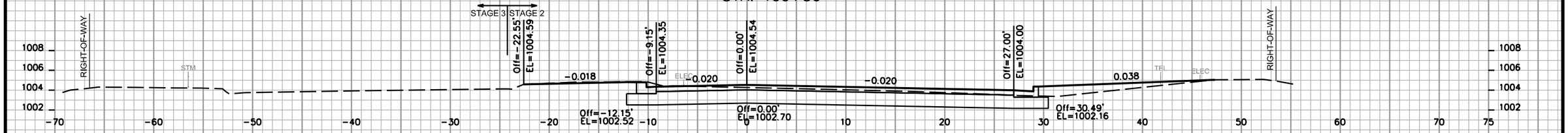
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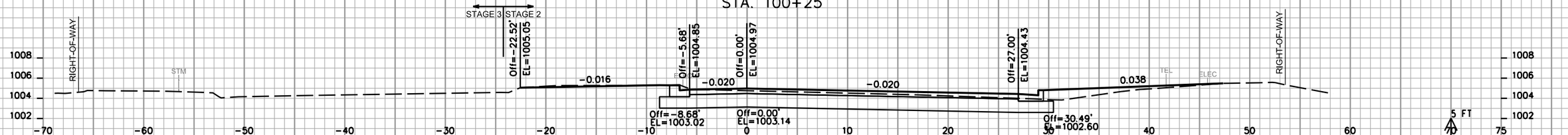
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STA. 100+75

STA. 100+50



STA. 100+25



STA. 100+00

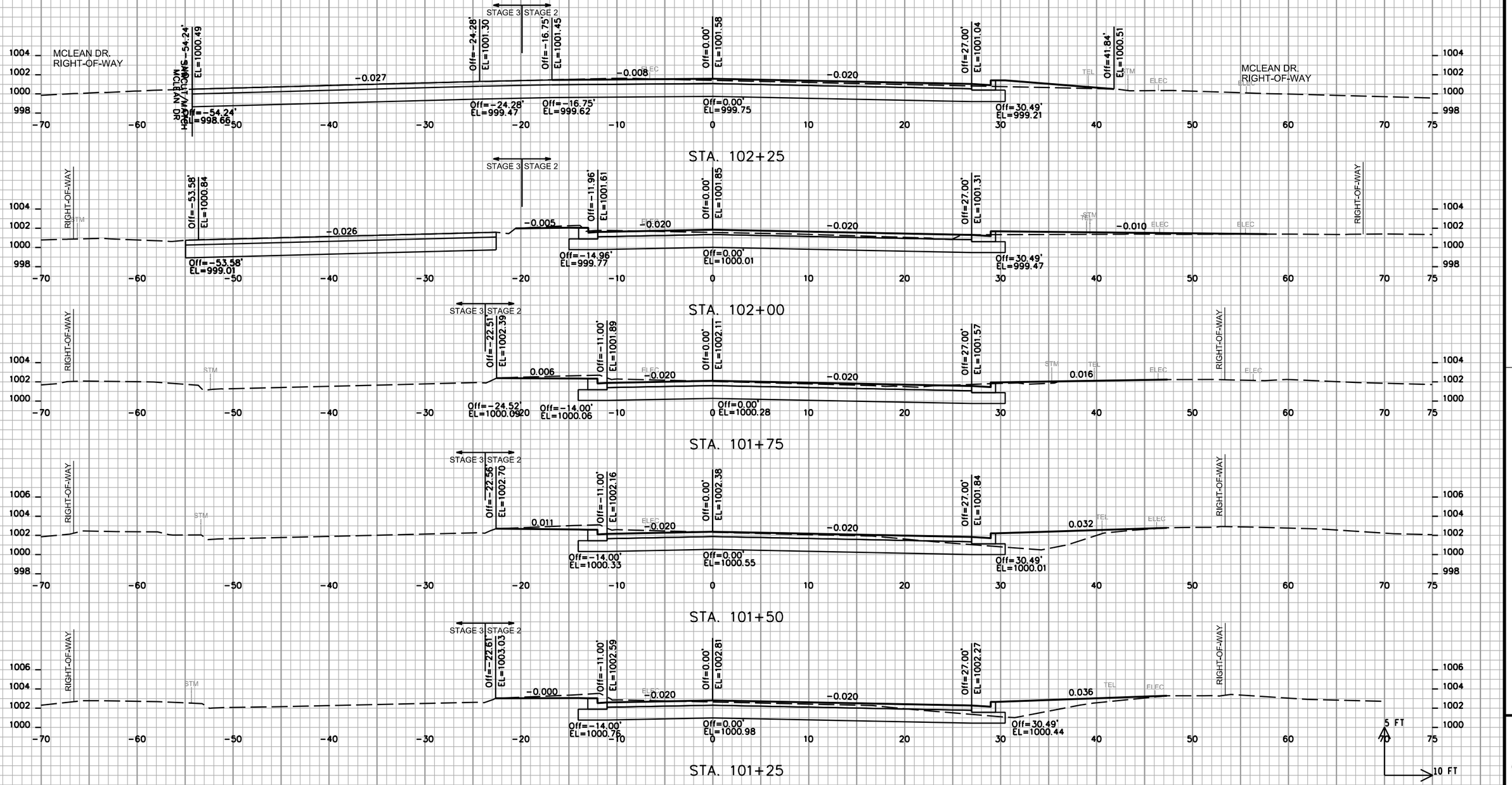
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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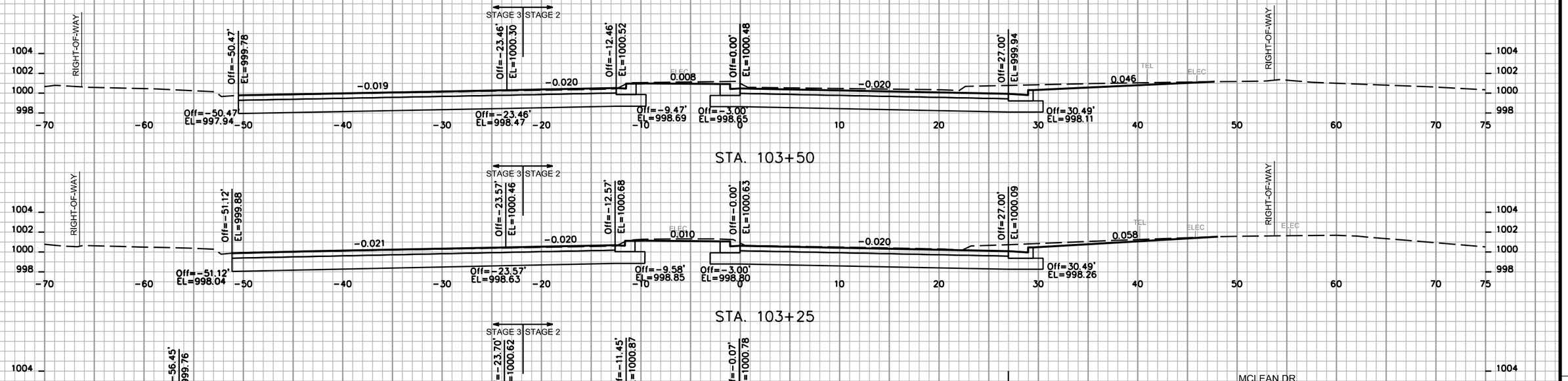
WISDOT/CADDS SHEET 21



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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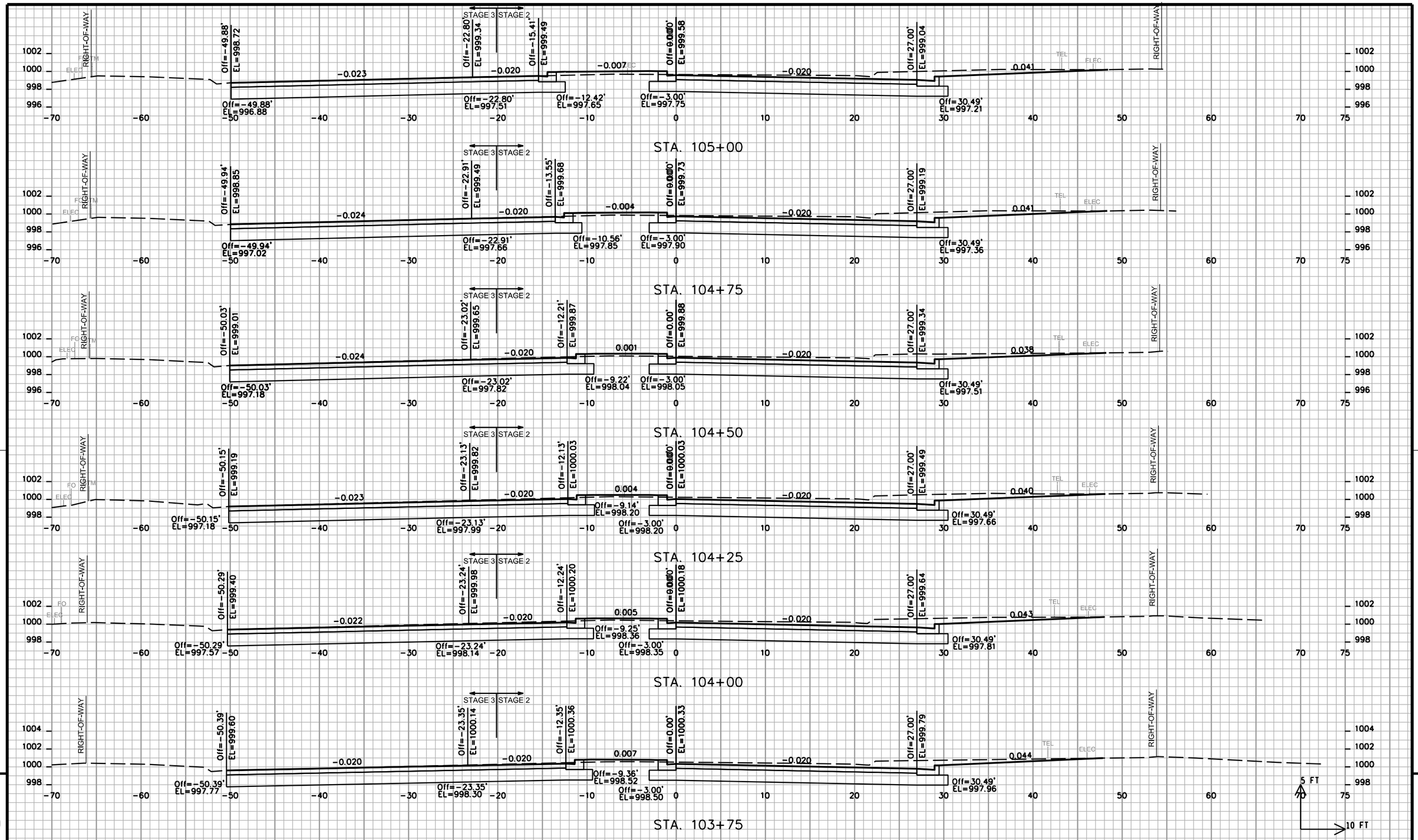
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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WISDOT/CADDS SHEET 21



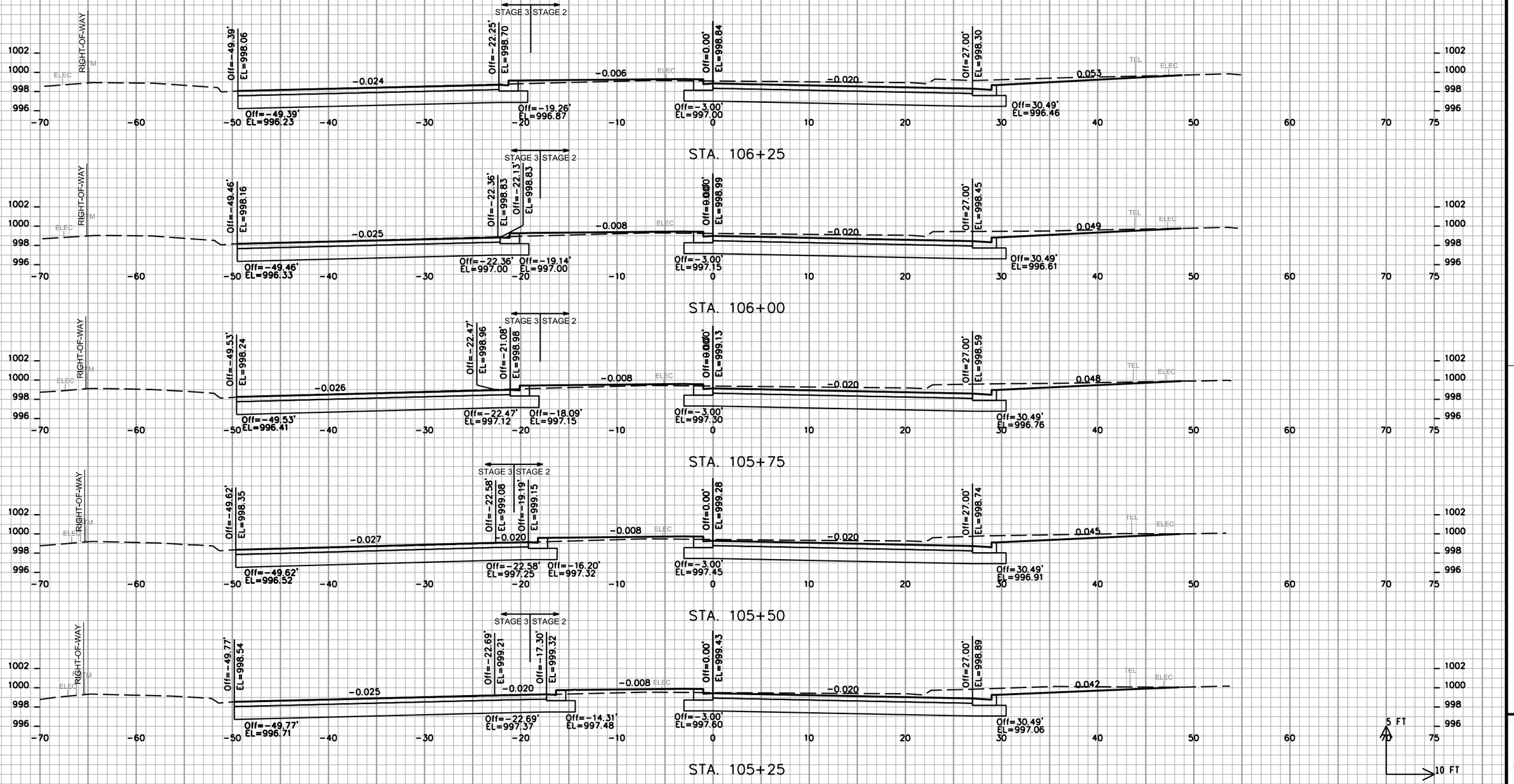
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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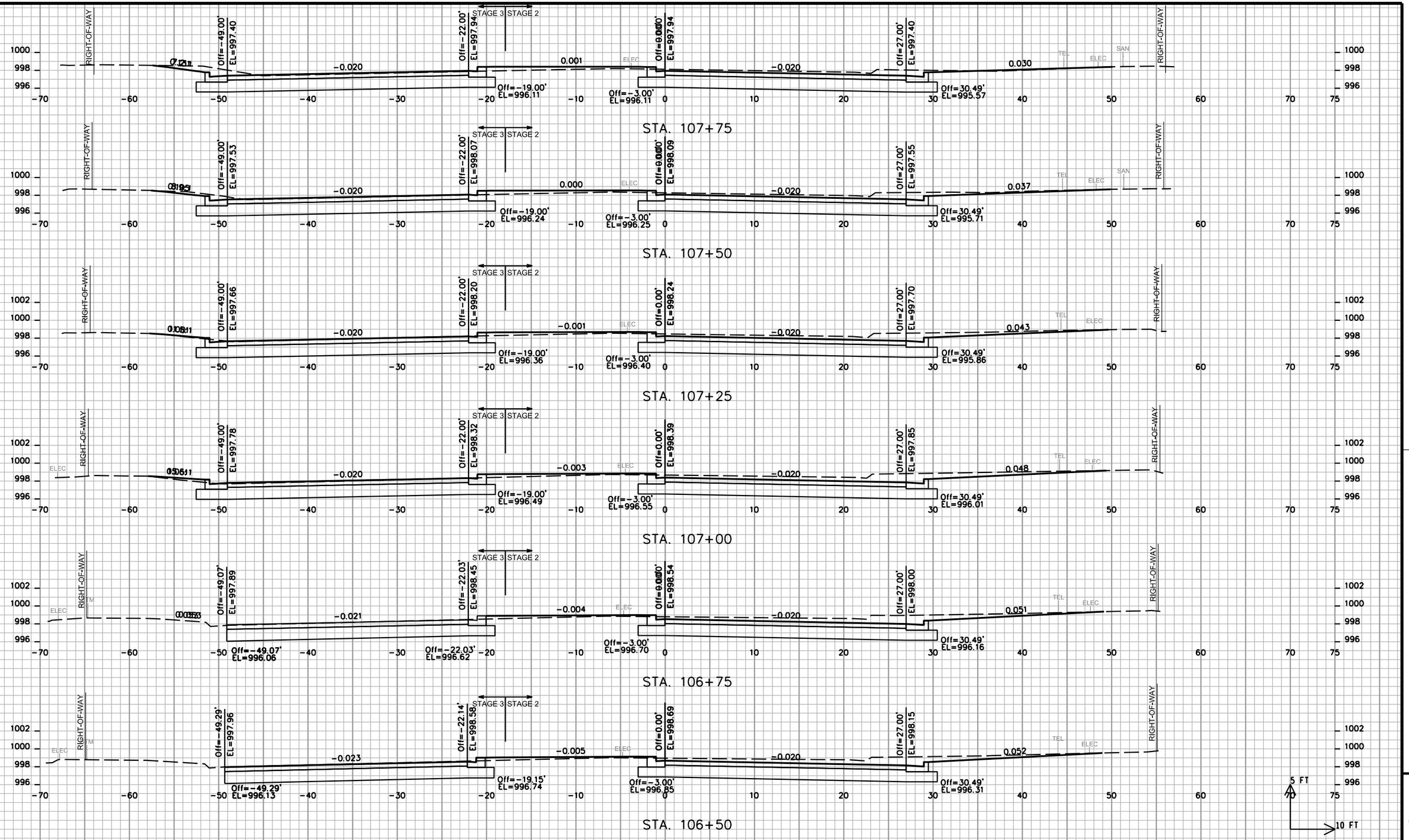
WISDOT/CADDS SHEET 21



PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

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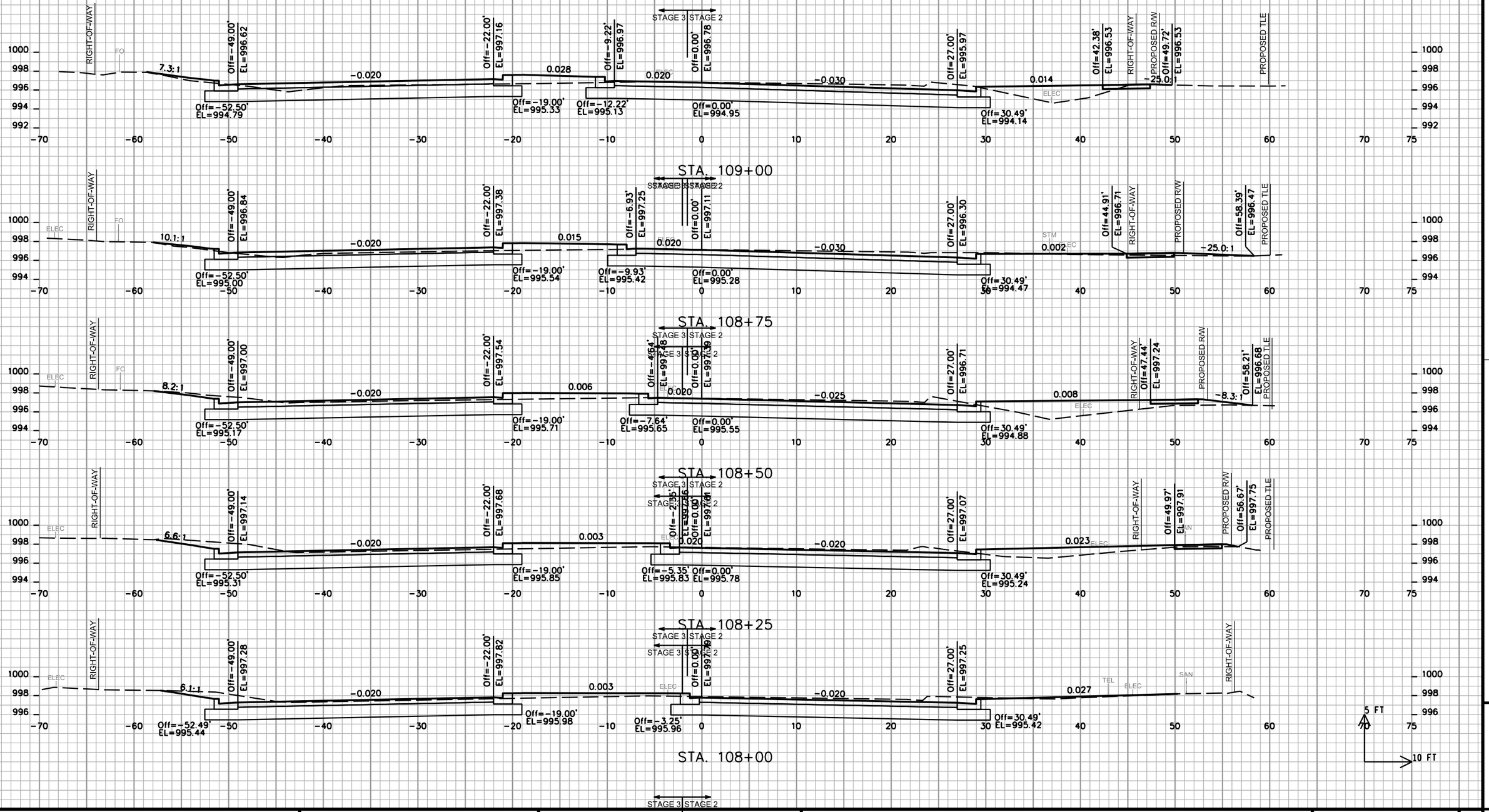
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

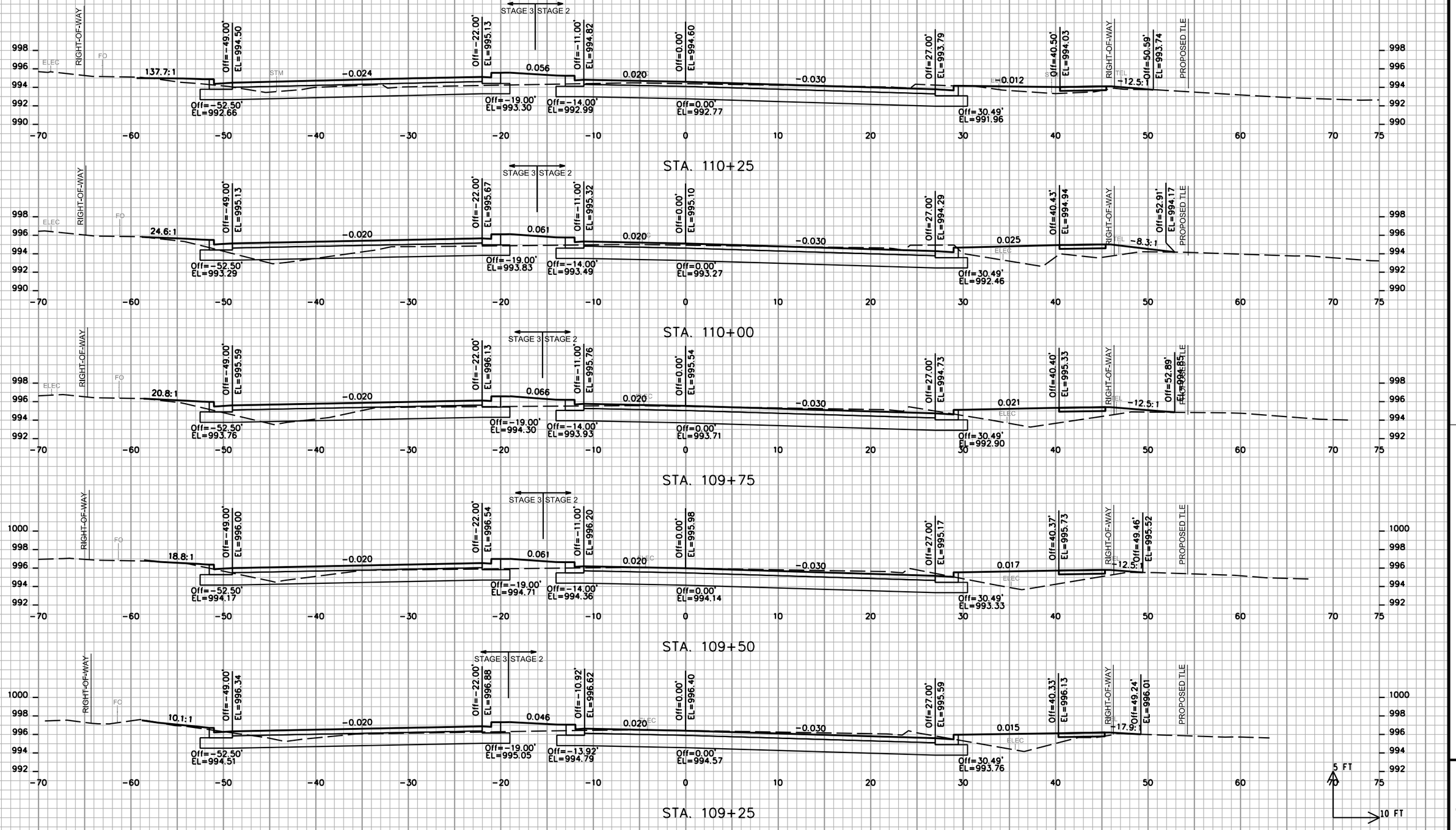
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WISDOT/CADDS SHEET 21

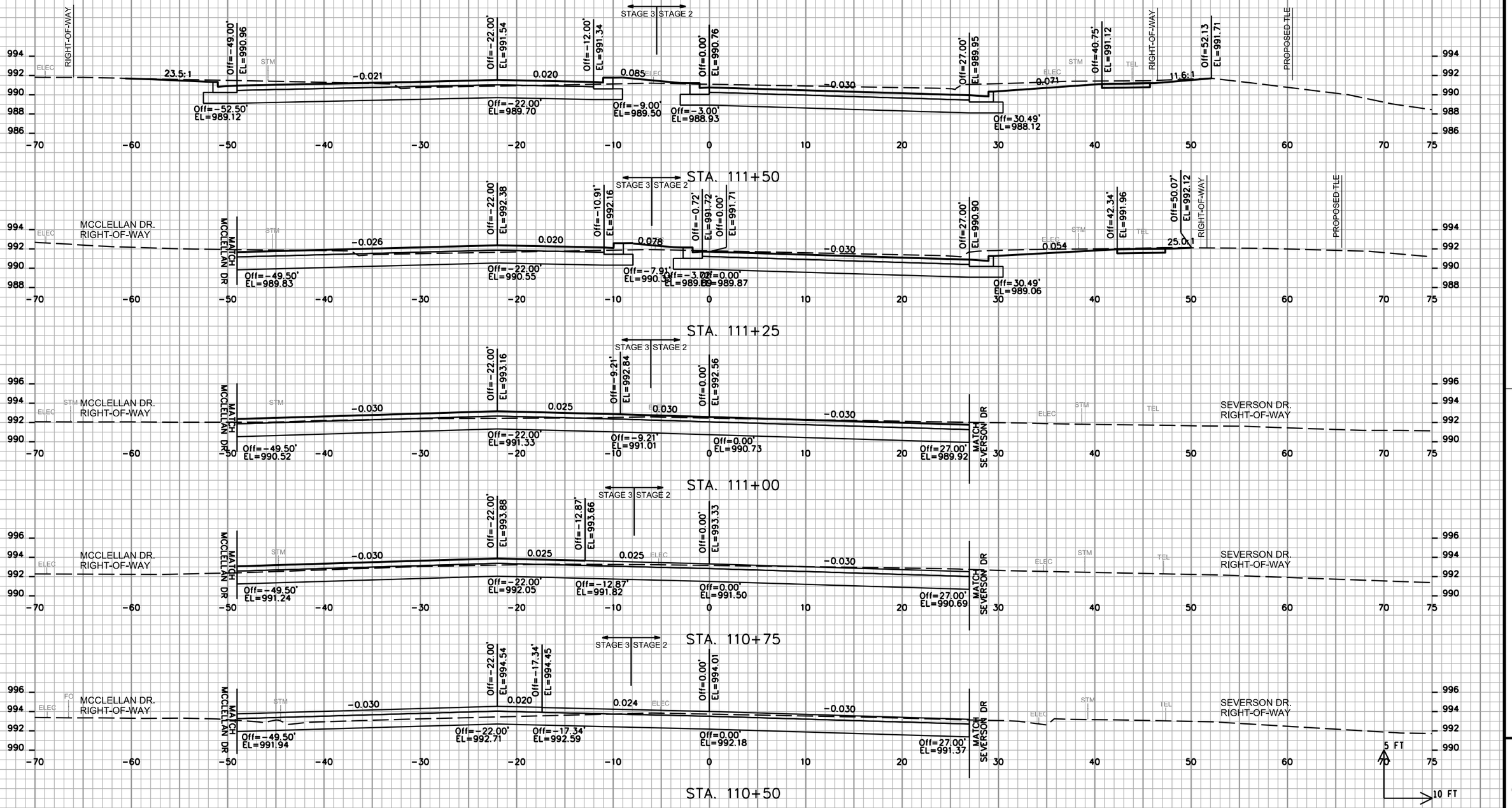


PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

FILE NAME : M:\DESIGN\Projects\53W0472\Streets\Design\53W0472EN-XSection**.dgn | PLOT DATE : 7/9/2019 | PLOT BY : enjmw | PLOT NAME : | PLOT SCALE : 10.0000 sf / in.



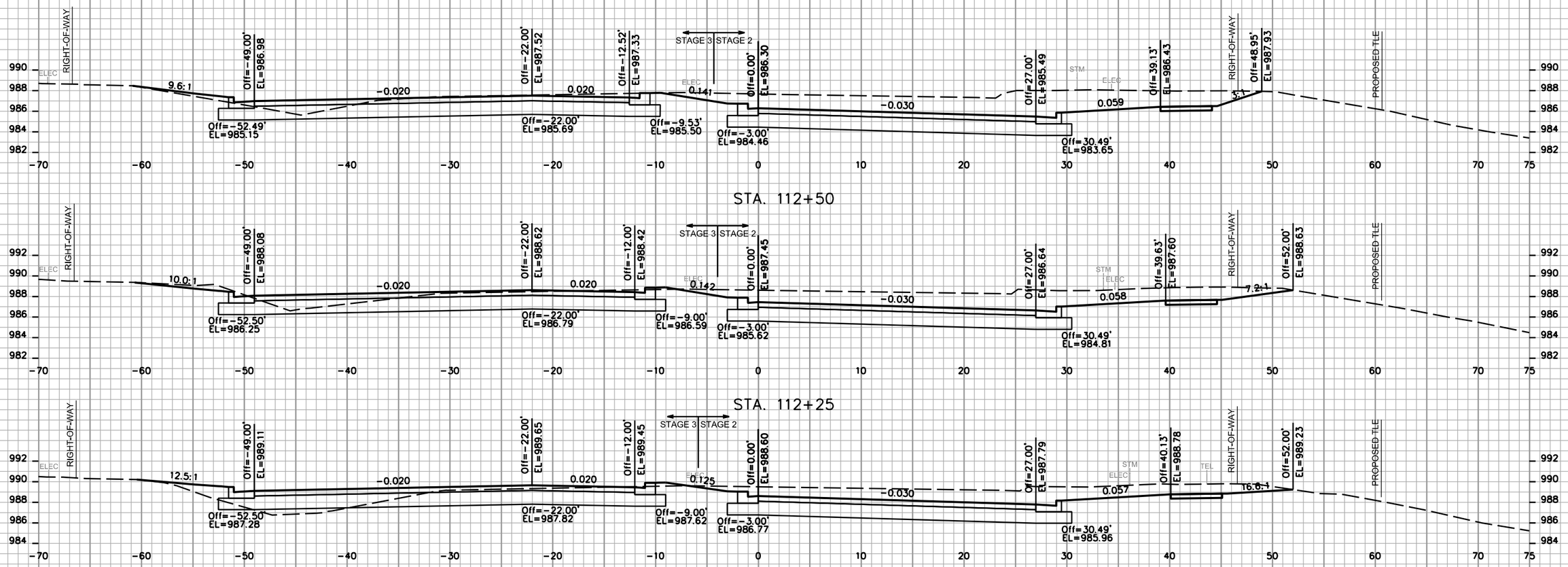
PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E



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WISDOT/CADDS SHEET 21



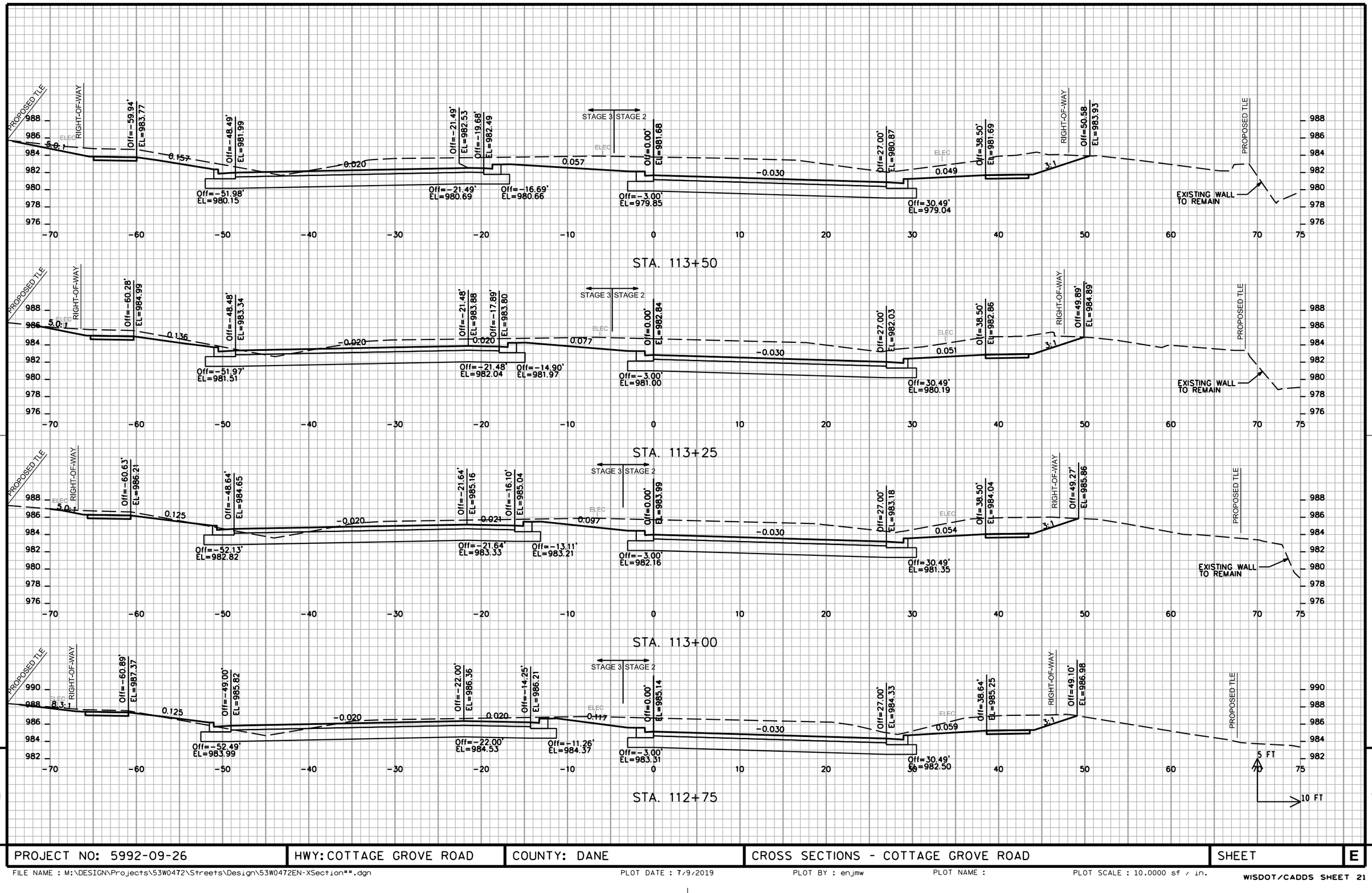
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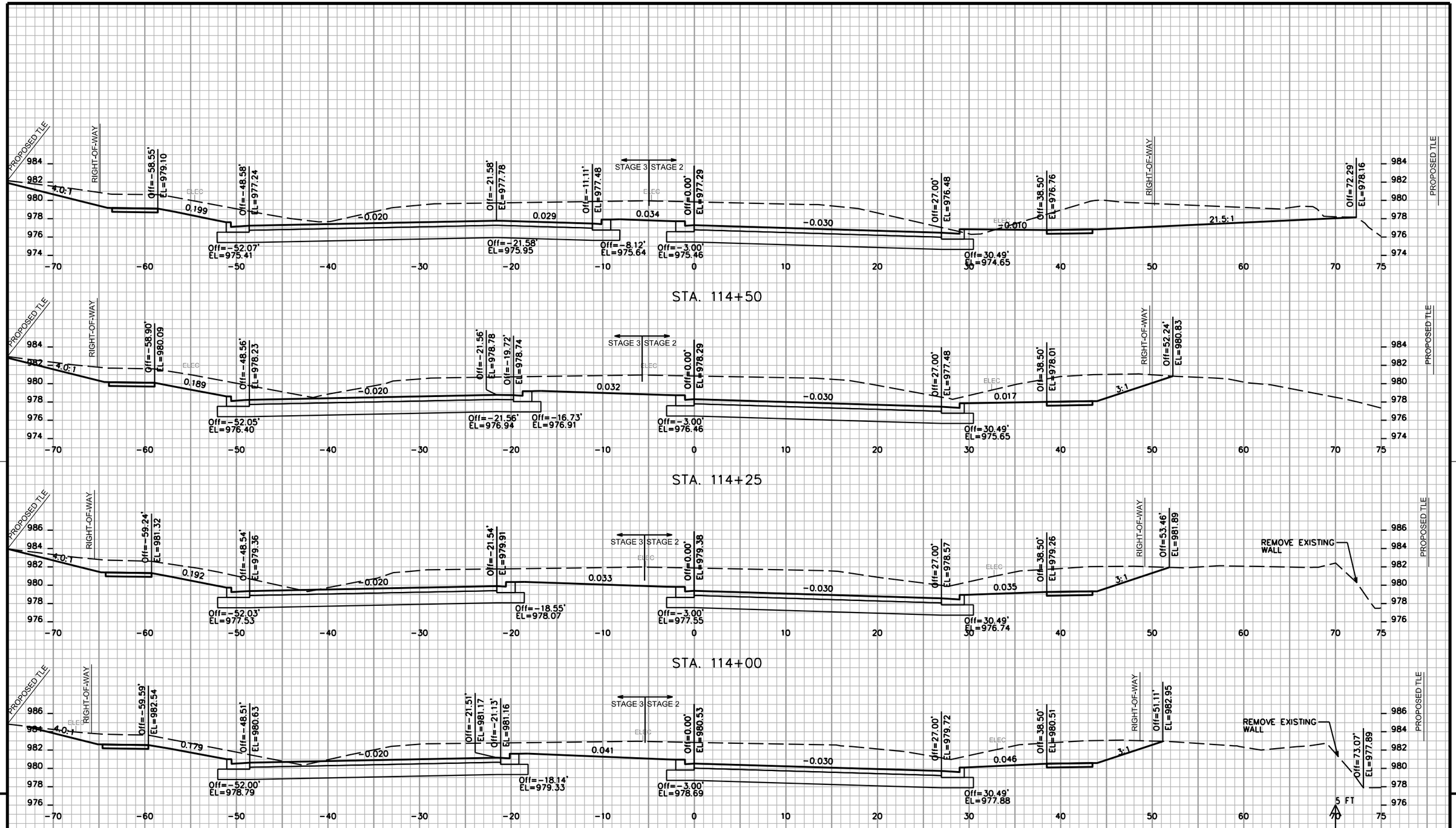
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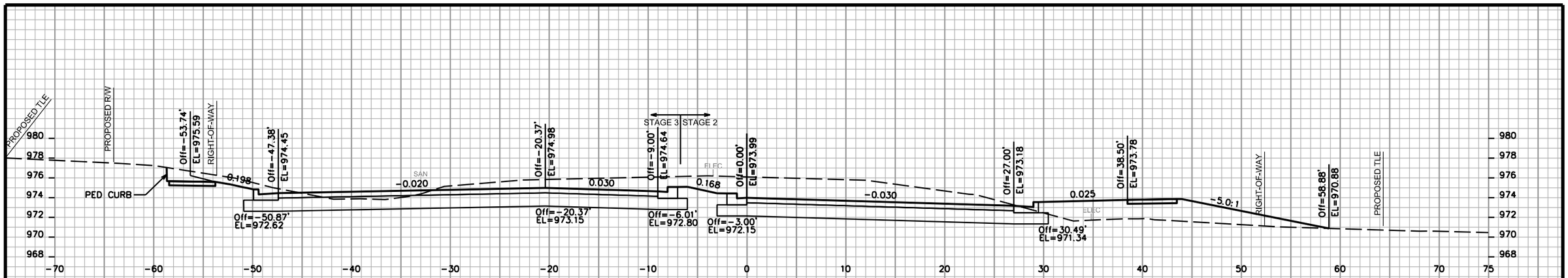
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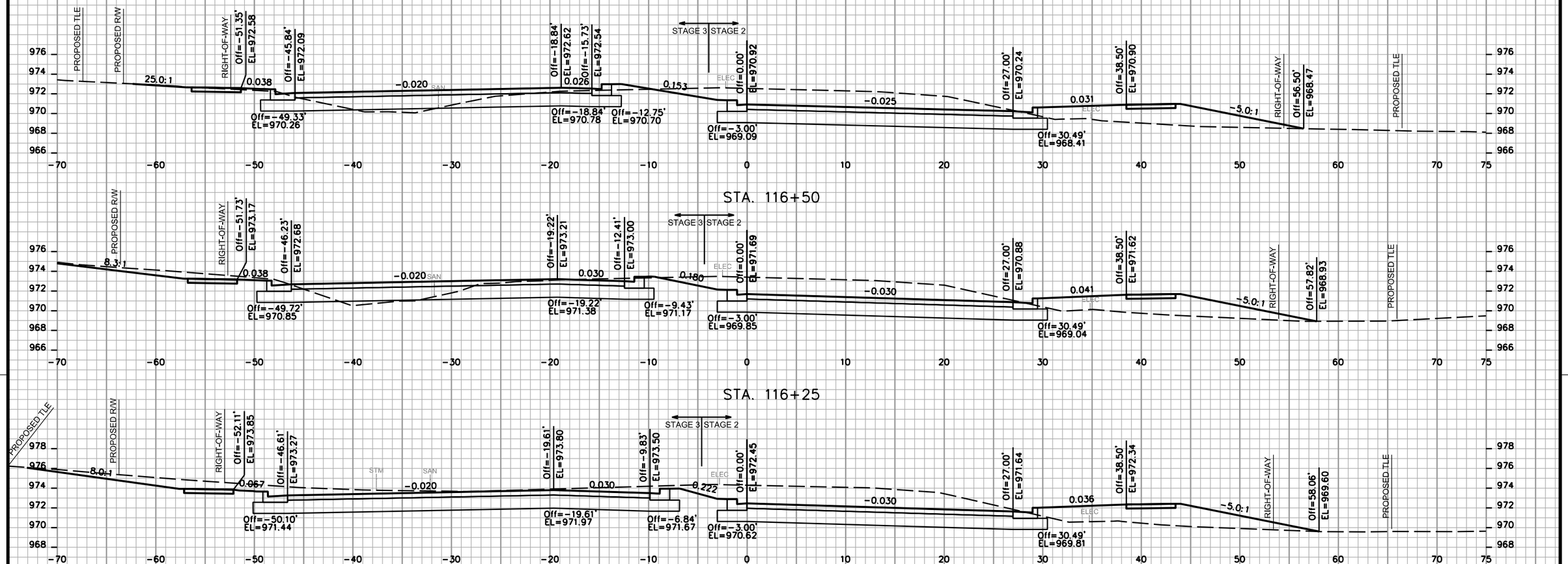


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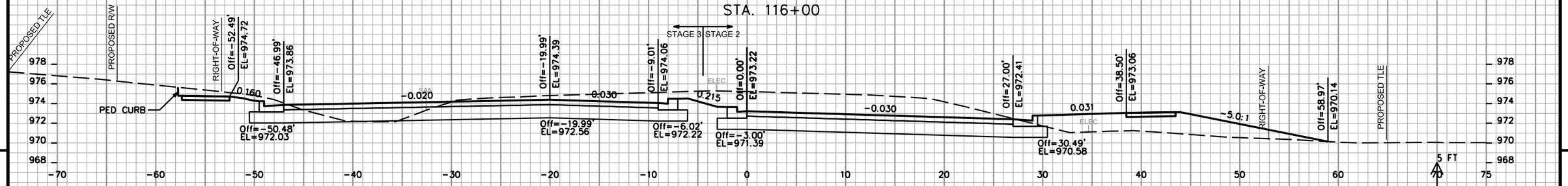
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STA. 116+50

STA. 116+25

STA. 116+00



STA. 115+75

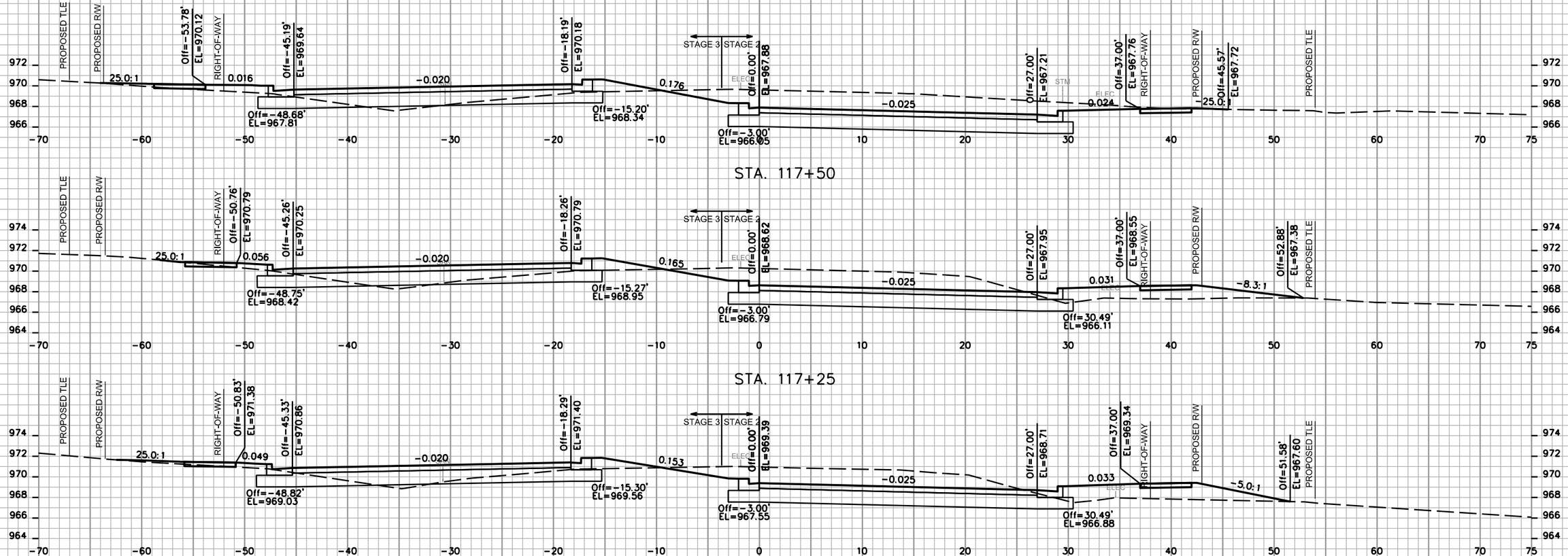
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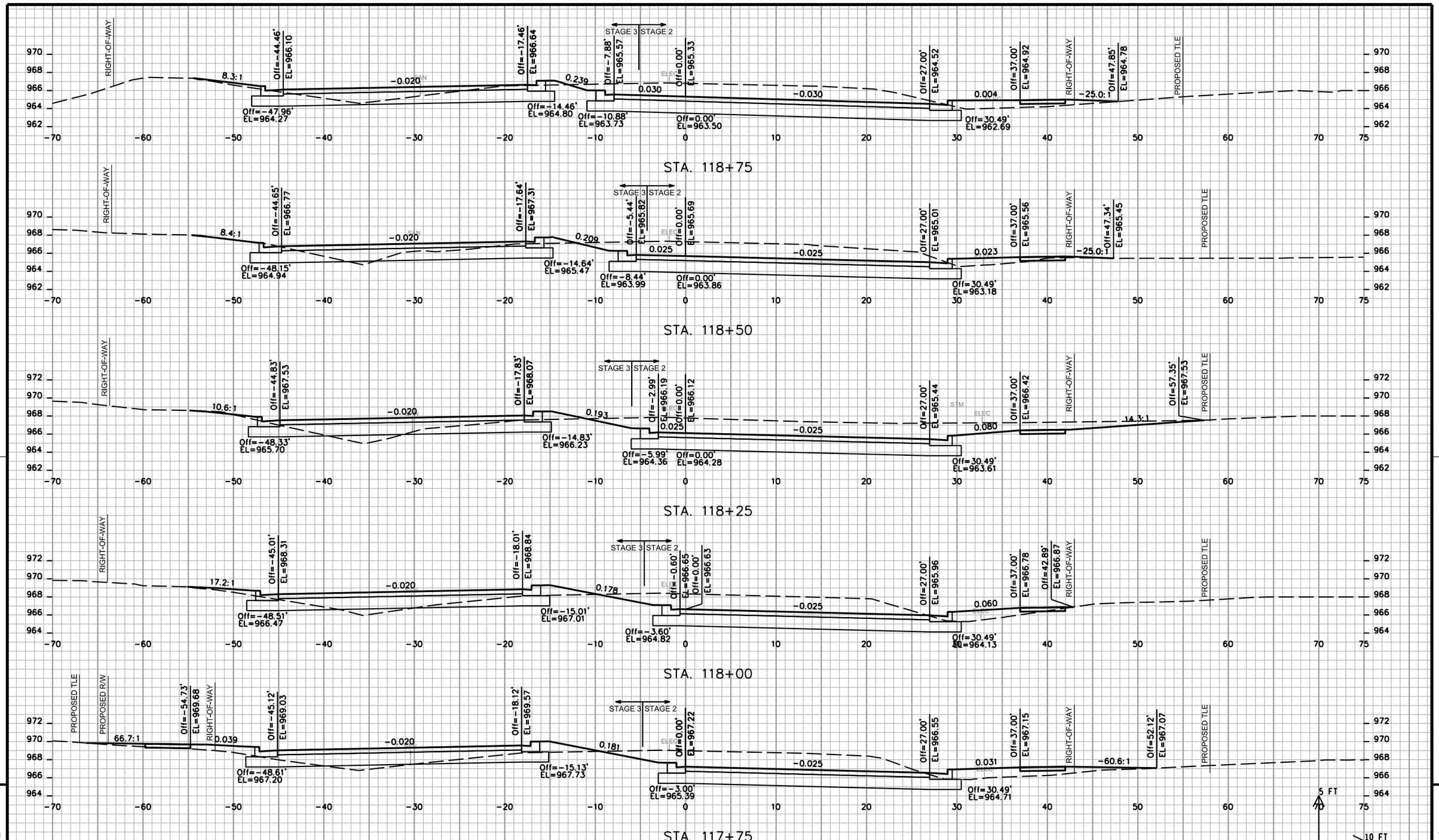
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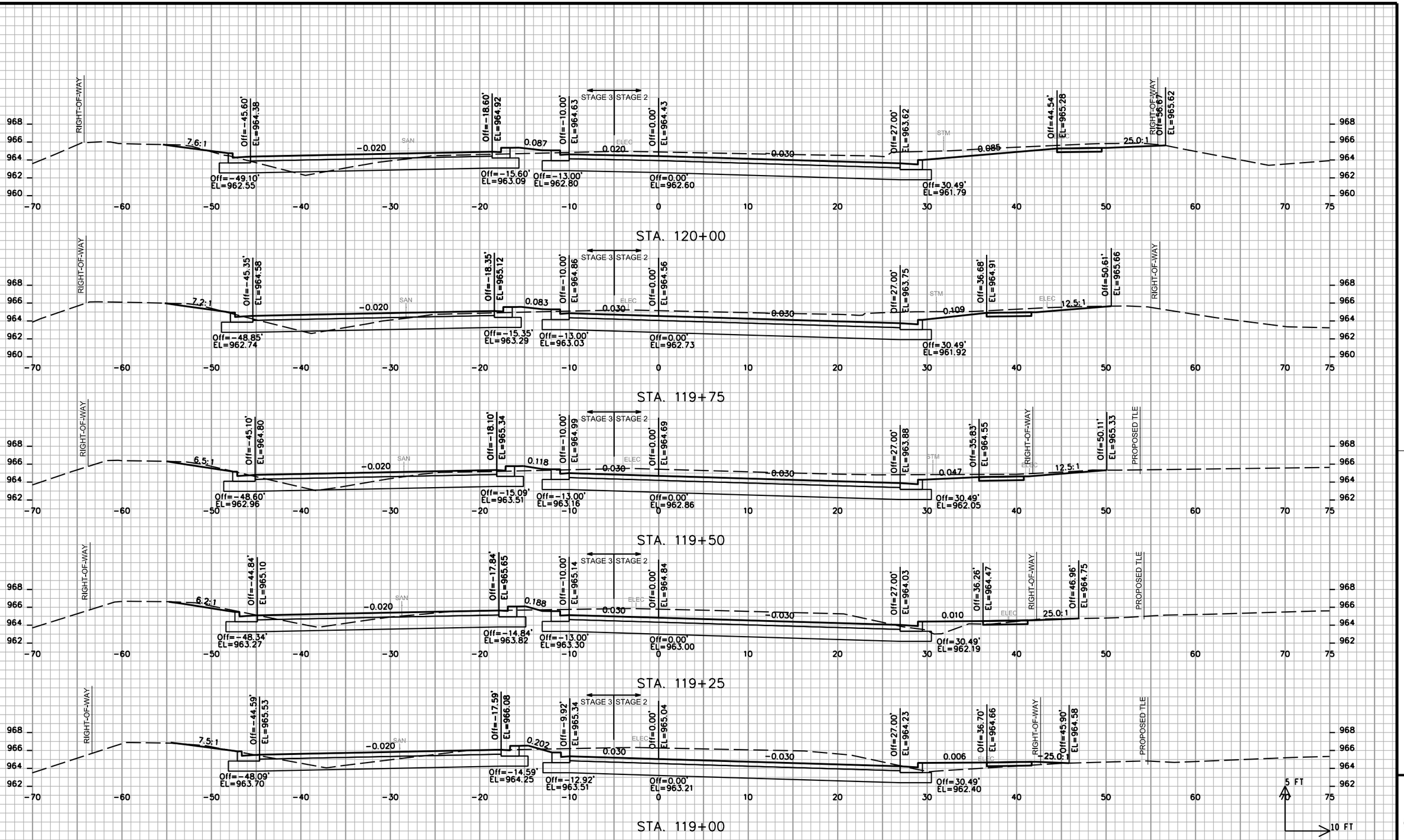
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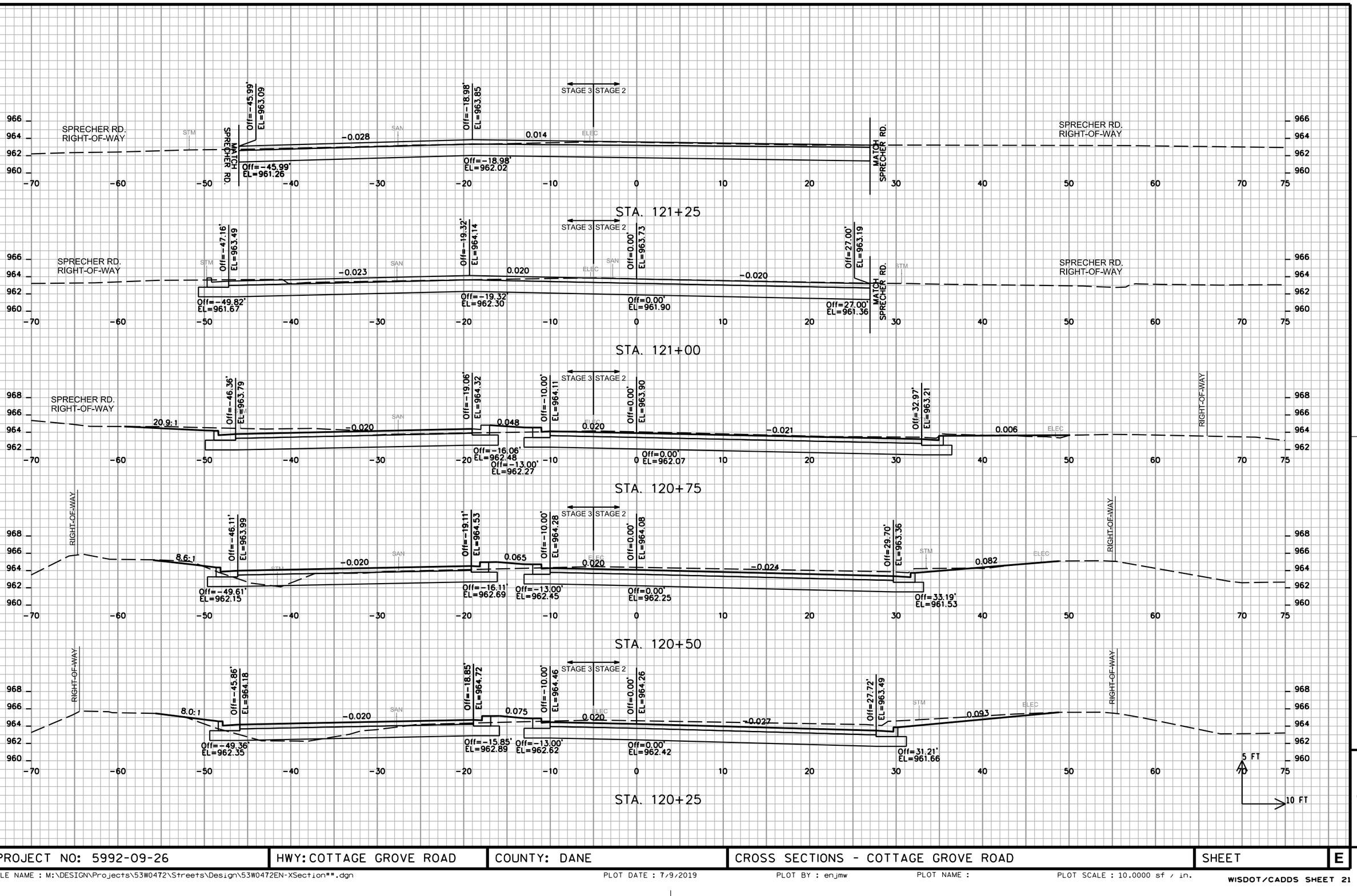
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PROJECT NO: 5992-09-26	HWY: COTTAGE GROVE ROAD	COUNTY: DANE	CROSS SECTIONS - COTTAGE GROVE ROAD	SHEET	E

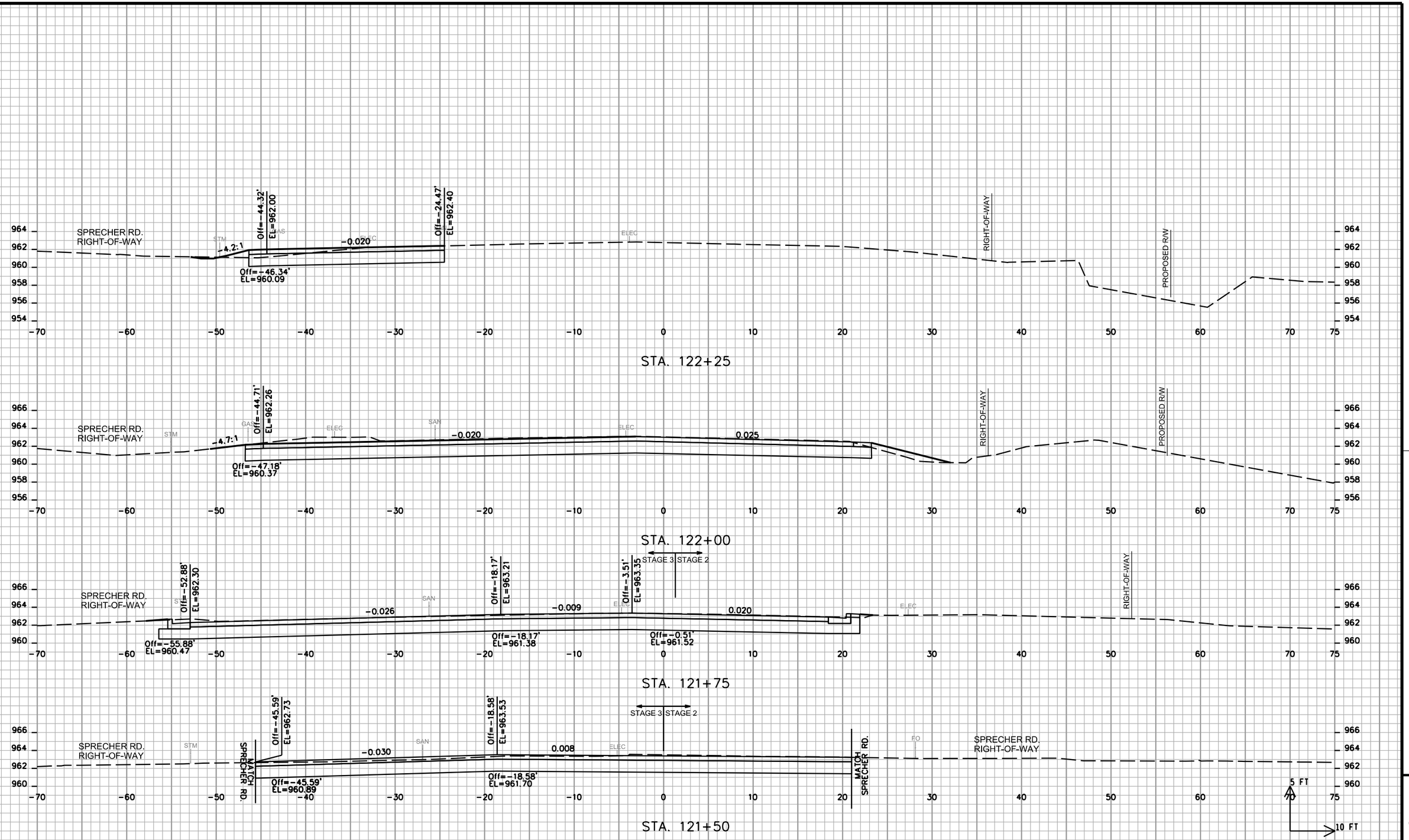
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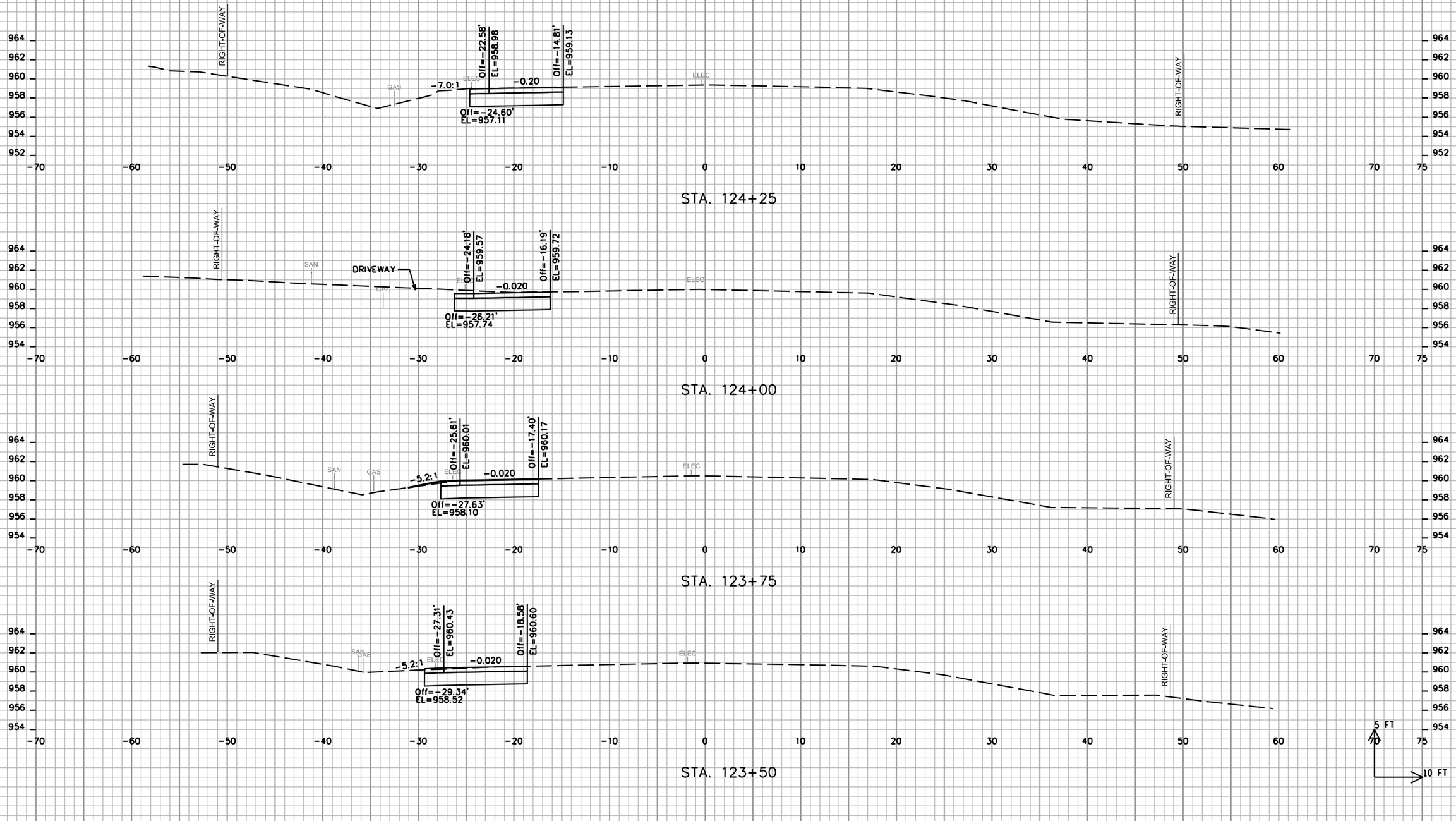
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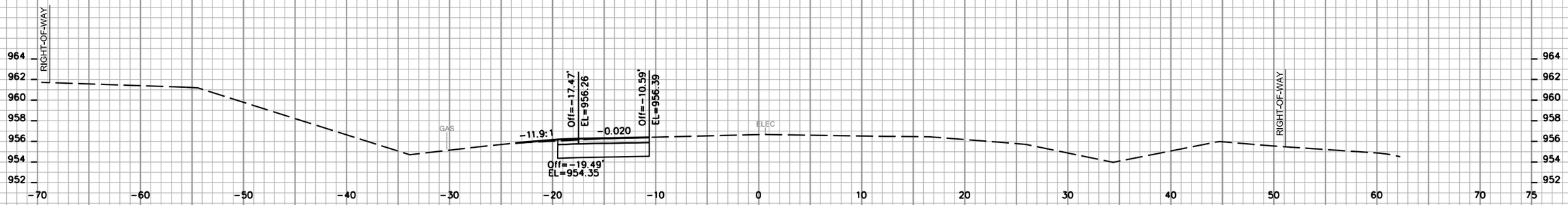
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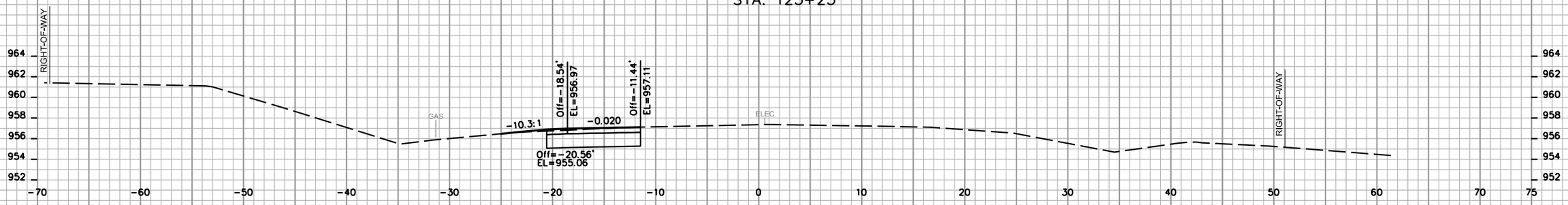
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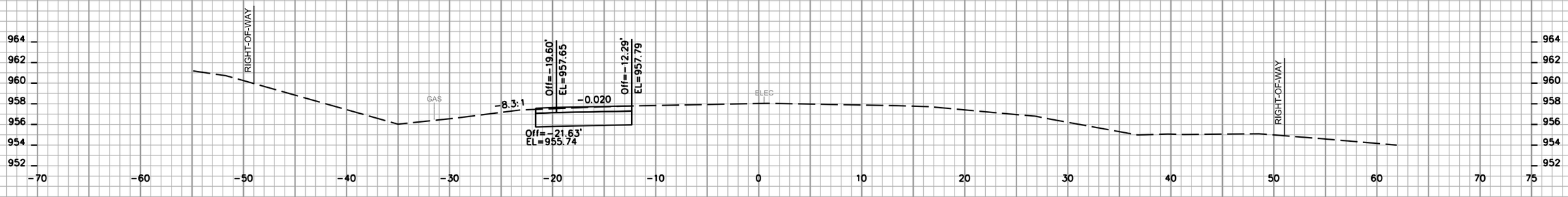
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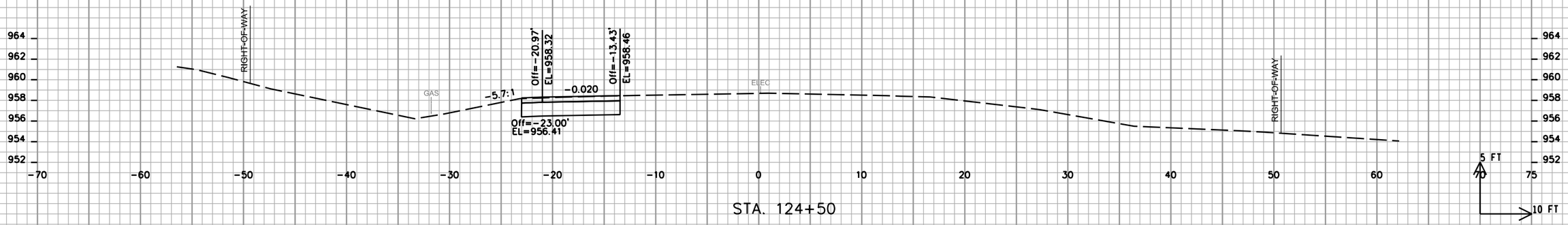
STA. 125+25



STA. 125+00



STA. 124+75



STA. 124+50

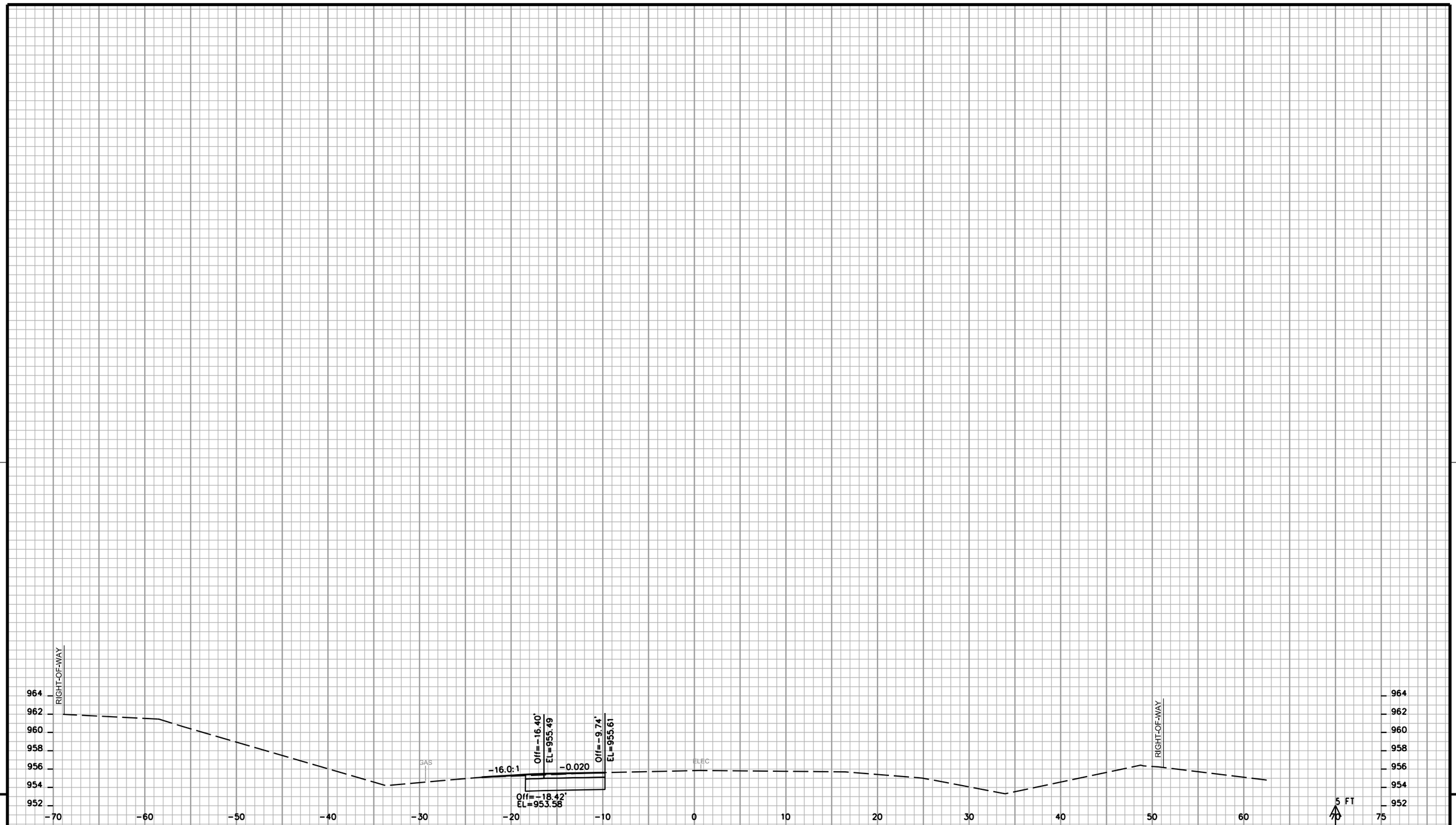
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WISDOT/CADDS SHEET 21



STA. 125+50

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WISDOT/CADDS SHEET 21