INDEX OF SHEETS

Sheet No.	1	Title
Sheet No.		Typical Sections and Details
Sheet No.		Estimate of Quantities
Sheet No.		Miscellaneous Quantities
Sheet No.		Right of Way Plat
Sheet No.		Plan and Profile
Sheet No.		Standard Detail Drawings
Sheet No.		Sign Plates
Sheet No.		Structure Plans
Sheet No.		Computer Earthwork Data
Sheet No.		Cross Sections

TOTAL SHEETS =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4984-00-97		
4984-00-95		

CTH E
(N. BALLARD ROAD)
EVERGREEN DRIVE - SHADY LANE

OUTAGAMIE COUNTY
STATE PROJECT NUMBER
4984-00-97

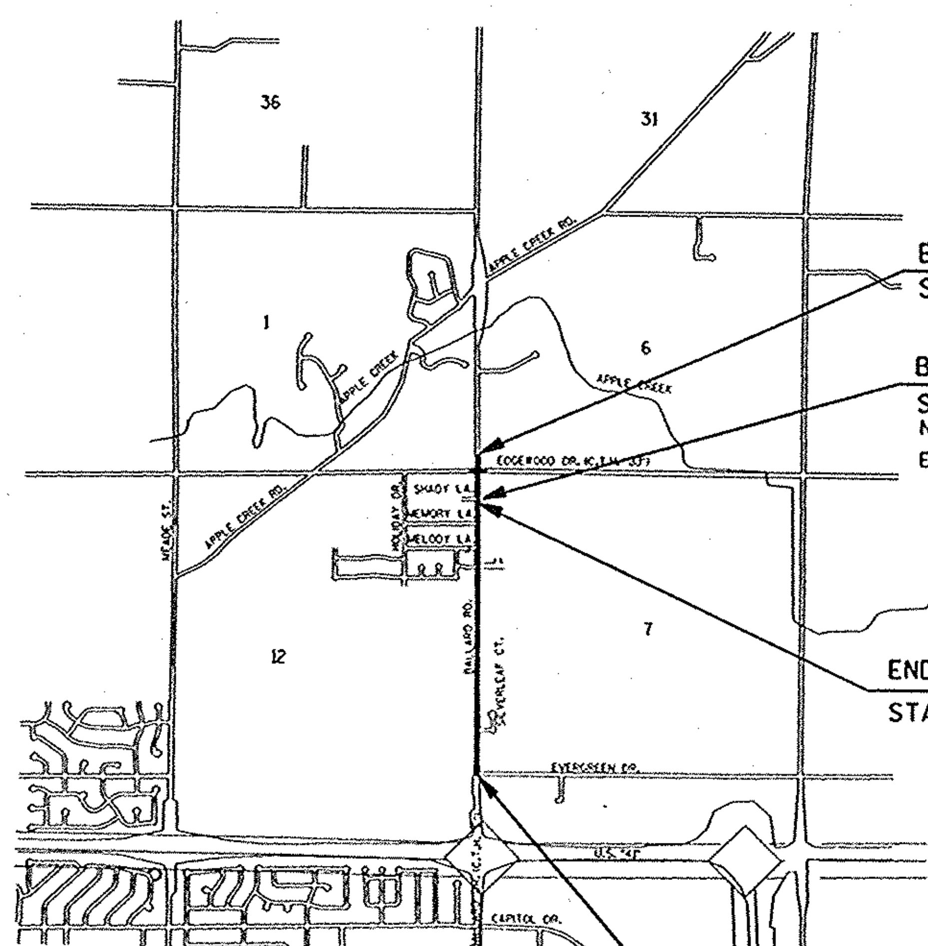
CTH E
(N. BALLARD ROAD)
SHADY LANE - CTH JJ

OUTAGAMIE COUNTY
STATE PROJECT NUMBER
4984-00-95

METRIC PLAN

N

RECEIVED
FEB 10 2000
OUTAGAMIE COUNTY
HIGHWAY DEPT.



END PROJECT 4984-00-95
STA 2'NB'+789.020

BEGIN PROJECT 4984-00-95
STA 2'NB'+500.000
N = 177 281.584
E = 254 731.546

END PROJECT 4984-00-97
STA 2'NB'+500.000

BEGIN PROJECT 4984-00-97
STA 1'NB'+055.500
N = 175 837.129
E = 254 732.632

E-19

LAYOUT
SCALE 0 .4 .8 km

TOTAL NET LENGTH OF CENTERLINE = 1.445 km (URBAN) PROJECT 4984-00-97
TOTAL NET LENGTH OF CENTERLINE = 0.289 km (URBAN) PROJECT 4984-00-95

NOTE: ALL COORDINATES ON THIS PLAN ARE REFERENCED FROM OUTAGAMIE COUNTY COORDINATE SYSTEM.

DESIGN DESIGNATION

ADT	(2000)	=	13,100
ADT	(2010)	=	16,450
ADT	(2020)	=	20,750
DHV		=	1,820
D		=	58/42
T		=	5.0%
DESIGN SPEED		=	65 km/h
ESALS		=	N/A

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE (PL • 58.1)
LOT LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
CULVERT (Profile View)

COMBUSTIBLE FLUIDS (CAUTION)
UNDERGROUND UTILITIES
GAS — G
ELECTRIC — E
CABLE TV — TV
TELEPHONE OR TELEGRAPH — T
FIBER OPTIC CABLE — FO
SERVICE PEDESTAL
CABLE MARKER
POWER POLE
TELEPHONE POLE
RAILROAD
MARSH AREA
WOODED OR SHRUB AREA

ACCEPTED FOR
OUTAGAMIE COUNTY
10-20-99 (Date) [signature] (Signature)

ACCEPTED FOR
CITY OF APPLETON
10-21-99 (Date) Paula Vandehey (Signature)

ORIGINAL PLANS PREPARED BY
OMNNI ASSOCIATES

WISCONSIN
PHILLIP T. ROBERTS
E-26609
APPLETON, WI
10/19/99
PROFESSIONAL ENGINEER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	OMNNI ASSOCIATES/CITY OF APPLETON
Designer	OMNNI ASSOCIATES
District Examiner	L. RINGBLOM
District Supervisor	J. LAVERS
C.O. Coordinator	
C.O. Examiner	

APPROVED FOR DISTRICT OFFICE
DATE: (Signature)

AUTHORIZED FOR CENTRAL OFFICE TRAFFIC
DATE: (Signature)

AUTHORIZED FOR CENTRAL OFFICE DESIGN
DATE: (Signature)

M

FILE NAME: E1339A/SHEETS/TITLE .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99

WisDOT: MSHT16

4984-00-97 4984-00-95 OUTAGAMIE

STANDARD DETAIL DRAWINGS

SDD NUMBER	TITLE
8A5-15a	INLET COVERS TYPE A, H, A-S, & H-S
8A5-15b	INLET COVERS TYPE B, B-A, C, MS, MS-A & WM
8B6-3	MANHOLES, TYPE 1
8C1-5	INLETS TYPE 1, 2, 3, AND 4
8C5-2	INLETS TYPE 8, 9, 10, AND 11
8D1-13	CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES
8D4-3	CONCRETE SURFACE DRAIN AND ASPHALTIC FLUME
8D5-8	CURB RAMPS
8D15-3a	EDGEDRAIN OUTLET AND OUTFALL MARKERS
8E9-5	SILT FENCE
8F1-11	APRON ENDWALL FOR CULVERT PIPE
8F4-5	JOINT TIES FOR CONCRETE PIPE
9B2-6	CONDUIT
9B4-3	PULL BOX
9C2-2	CONCRETE BASES, TYPES 1, 2 AND 5
9C3-2	TRANSFORMER/PEDESTAL BASES
9C5-2	CONCRETE CONTROL CABINET BASES
9D1-2	CABINET SERVICE INSTALLATION
9E1-2a	POLE MOUNTINGS FOR TRAFFIC SIGNALS, TYPE 2
9E1-2f	HARDWARE DETAILS FOR POLE MOUNTINGS
9F9-2	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE COURSE (NEW CONCRETE PAVEMENT)
11B2-1	CONCRETE MEDIAN NOSE
13C1-10	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND PAVEMENT TIES
13C4-12	URBAN NON-DOWELED CONCRETE PAVEMENT
13C13-3	URBAN DOWELED CONCRETE PAVEMENT
15C7-5a	PAVEMENT MARKING SYMBOLS
15C8-8a	PAVEMENT MARKING (MAINLINE)
15C8-8b	PAVEMENT MARKING (INTERSECTIONS)
15C8-8d	PAVEMENT MARKING (LEFT TURN LANES)
15C8-8e	PAVEMENT MARKING (ISLANDS, STOP LINE AND CROSSWALK)
16A1-5	LANDMARK REFERENCE MONUMENTS AND COVERS

DETAIL SHEET INDEX

SHEET TITLE

GENERAL NOTES
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PAVING DETAILS
EROSION CONTROL
MOVING AND REMOVING SIGN PLAN
PAVEMENT MARKING AND PERMANENT SIGNING PLAN
TRAFFIC SIGNAL PLAN
TRAFFIC CONTROL PLANS
ALIGNMENT PLAN

UTILITIES

ELECTRIC	WISCONSIN ELECTRIC POWER COMPANY 800 SOUTH LYNNDALE DRIVE P.O. BOX 1699 APPLETON, WISCONSIN 54913 ATTN: MR. KEN SCHEONKE TELEPHONE: (920) 380-3359
TELEPHONE	AMERITECH 221 W. WASHINGTON STREET FOURTH FLOOR, OSPE APPLETON, WISCONSIN 54911 ATTN: MR. JACK BARTELT CABLE LOCATE: (920) 735-3809 FAX: (920) 735-3073
GAS	WISCONSIN ELECTRIC POWER CO - GAS DIVISION 800 SOUTH LYNNDALE DRIVE P.O. BOX 907 APPLETON, WISCONSIN 54912 ATTN: MR. DENNIS GIRARD TELEPHONE: (920) 380-3466
HIGH PRESSURE GAS	ANR PIPELINE COMPANY W3925 PIPELINE LANE EDEN, WISCONSIN 53019 ATTN: MR. JERRY BINOTTO TELEPHONE: (920) 477-4211 FAX: (920) 477-2113
SANITARY SEWER	CITY OF APPLETON 100 NORTH APPLETON STREET APPLETON, WISCONSIN 54911 ATTN: MR. ROSS BUETOW TELEPHONE: (920) 832-6474
WATER	CITY OF APPLETON 2625 EAST GLENDALE AVENUE APPLETON, WISCONSIN 54911 ATTN: MR. GARY KLEIN TELEPHONE: (920) 810-4825
CABLE TV	TIME WARNER CABLE 1001 KENNEDY DRIVE P.O. BOX 145 KIMBERLY, WISCONSIN 54136 ATTN: MR. STEVE POEHLEIN TELEPHONE: (920) 831-9207 PAGER: (920) 234-2167
FIBER OPTIC	AMERITECH 221 W. WASHINGTON STREET FOURTH FLOOR, OSPE APPLETON, WISCONSIN 54911 ATTN: MR. JACK BARTELT CABLE LOCATE: (920) 735-3809 FAX: (920) 735-3073
DIGGERS HOTLINE	UTILITY LOCATE TELEPHONE: (800) 242-8511 (TOLL FREE)
DNR LIAISON	MR. AL STRANZ WDNR - LAKE MICHIGAN DISTRICT 1125 N. MILITARY AVENUE GREEN BAY, WISCONSIN 54307-0448 TELEPHONE: (920) 492-5818
COUNTY SURVEYOR OR SURVEY CONTACT PERSON	MR. JIM HEBERT OUTAGAMIE COUNTY COURTHOUSE 410 S. WALNUT STREET APPLETON, WISCONSIN 54911 TELEPHONE: (920) 832-5255
TRAFFIC SIGNALS	CITY OF APPLETON 2625 EAST GLENDALE AVENUE APPLETON, WISCONSIN 54911 ATTN: MR. GREG HANSON TELEPHONE: (920) 832-6478

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

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

FILL AS SHOWN ON THE PLANS PERTAINS TO EMBANKMENTS CONSTRUCTED FROM UNCLASSIFIED EXCAVATION. THE ALLOWANCE USED FOR EXPANDING THE FILLS TO COMPUTE THE VOLUME OF MATERIAL REQUIRED IS 30 PERCENT. ALL FILL VOLUMES SHOWN ARE ACTUAL VOLUMES.

DRIVEWAYS SHALL BE REPLACED IN KIND. CRUSHED AGGREGATE BASE COURSE WILL BE USED UNDER ALL DRIVEWAYS AND SIDEWALK.

ALL DISTURBED AREAS NOT OTHERWISE INDICATED SHALL BE SALVAGED TOPSOIL, FERTILIZED, SEEDED AND MULCHED.

ALL CONCRETE MEDIAN NOSES SHALL BE SLOPED AND CONSTRUCTED AS SHOWN IN THE STANDARD DETAIL DRAWING.

ALL RADIUS DIMENSIONS SHOWN TO CURB AND GUTTER ARE TO THE FACE OF CURB.

THE EXACT LOCATION AND LIMITS OF PRIVATE ENTRANCES AND COMMERCIAL ENTRANCES SHALL BE DETERMINED BY THE ENGINEER.

TACK COAT HAS BEEN ESTIMATED AT AN APPLICATION RATE OF 0.113 LITERS PER SQUARE METER AND SHALL BE USED IF DEEMED NECESSARY BY THE ENGINEER.

ALL MANHOLE AND INLET OFFSETS ARE GIVEN TO THE CENTER OF THE STRUCTURE.

PROPOSED UNDERDRAIN CONNECTIONS TO PROPOSED INLETS, EXISTING INLETS AND EXISTING STORM SEWER WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE PROPOSED PIPE UNDERDRAIN.

THE COST OF CONNECTING EXISTING STORM SEWERS OR DRAINAGE STRUCTURES TO THE NEW STORM SEWER SHALL BE INCIDENTAL TO COST OF STORM SEWER. CONCRETE COLLARS, WHERE NOTED IN THE PLANS, WILL BE PAID FOR SEPARATELY.

IMMEDIATELY AFTER CONSTRUCTION OF ANY INLET, CONTRACTOR SHALL CONSTRUCT THE INLET PROTECTION IN ACCORDANCE WITH THE DETAIL SHOWN IN THE CONSTRUCTION DETAILS TO MINIMIZE SEDIMENTATION IN THE INLET AND STORM SEWER.

CURB HEIGHTS AT THE ENDS OF CURB AND GUTTER SHALL BE TAPERED FROM 150 mm TO 0 mm IN 1 METER, WHERE APPLICABLE.

CURB RAMP OPENINGS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE GIVEN BY THE ENGINEER IN THE FIELD.

REINFORCED CONCRETE APRON ENDWALLS AND ADJOINING TWO SECTIONS OF CONCRETE PIPE SHALL BE TIED TOGETHER AS SHOWN IN THE STANDARD DETAIL DRAWINGS.

DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES.

COORDINATE CONVERSION FACTOR = 0.999940

PLAN ELEVATIONS = USGS DATUM.

BOXOUTS SHALL BE PROVIDED IN CONCRETE MEDIAN FOR SIGN PLACEMENT. THE COST OF THE BOXOUTS SHALL BE INCIDENTAL TO CONCRETE MEDIAN. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

THE CITY OF APPLETON LET A CONTRACT TO CONSTRUCT MAINLINE STORM SEWER AND RELOCATE WATERMAIN DURING THE 1999 CONSTRUCTION SEASON. THESE CONSTRUCTION PLANS REFLECT THEIR PROPOSED LOCATION. AS-BUILT INFORMATION WILL BE AVAILABLE FROM THE CITY OF APPLETON.

PRECAST CONCRETE GRADE RINGS SHALL BE USED TO ADJUST MANHOLES AND INLETS. THE HEIGHT OF THE GRADE RING SHALL CORRESPOND TO THE REQUIRED ADJUSTMENT, WITHIN 50 mm (I.E. MULTIPLE 50 mm RINGS SHALL NOT BE USED TO ADJUST 100 mm OR MORE.

ALL TRANSVERSE CONTRACTION JOINTS, LONGITUDINAL JOINTS AND CONSTRUCTION JOINTS FOR CONCRETE PAVEMENT AND CONCRETE CURB AND GUTTER SHALL BE SAWED AND SEALED AS SHOWN IN CONSTRUCTION AND PAVING DETAILS.

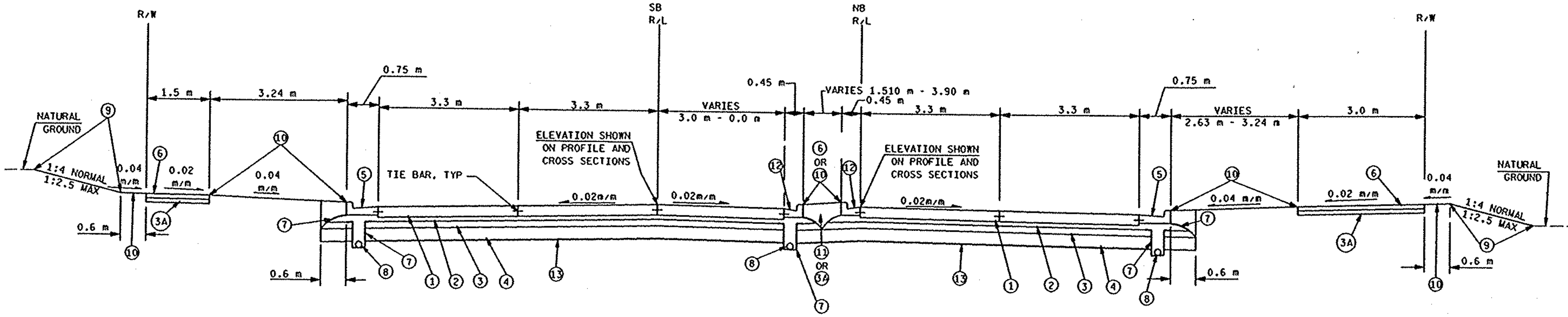
ALL INLET CASTINGS IN THE CITY OF APPLETON REMOVED AS PART OF THIS PROJECT SHALL BECOME THE PROPERTY OF THE CITY OF APPLETON. THE CONTRACTOR SHALL CONTACT THE CITY OF APPLETON FOR A LOCATION TO PLACE THE INLETS IN THE RIGHT-OF-WAY FOR PICK-UP BY THE CITY.

WETLAND AREAS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO WORK WITHIN THE SLOPE INTERCEPTS IN THE WETLAND AREAS.

EROSION CONTROL NOTES

RUNOFF COEFFICIENT FOR THIS PROJECT: EXISTING PAVEMENT 0.95, EXISTING SLOPES 0.30, NEW PAVEMENT 0.95, NEW SLOPES 0.30.

TOTAL PROJECT AREA = 11.060 HECTARES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 8.225 HECTARES



TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

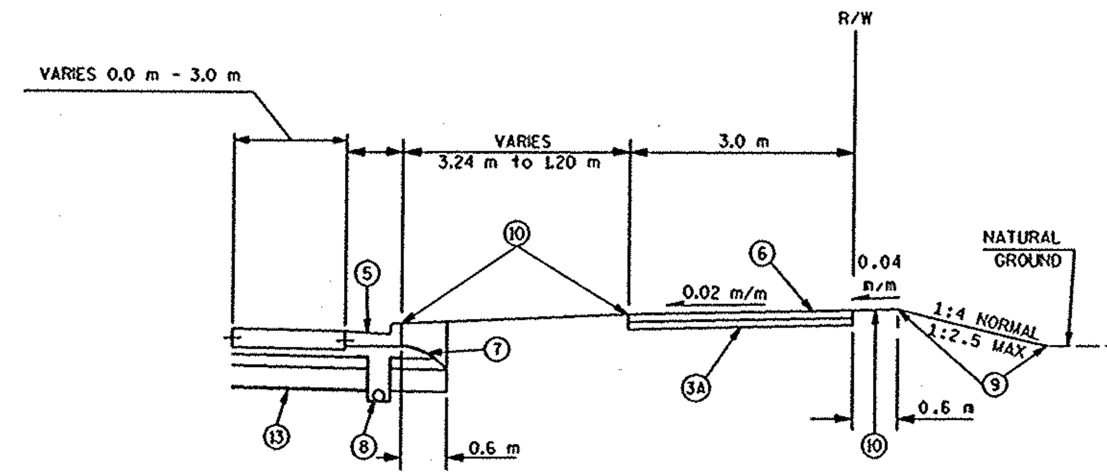
STA 1'NB' + 055.5 TO 1'NB' + 131.89

LEGEND

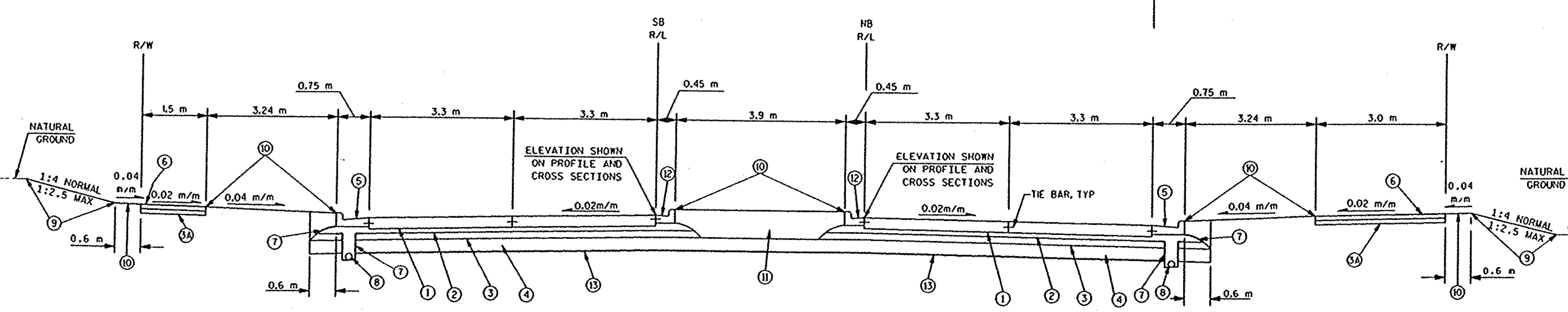
1. DOWELED NON-REINFORCED CONCRETE PAVEMENT, 215 mm
2. CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 2, 100 mm
3. CRUSHED AGGREGATE BASE COURSE, 150 mm

(3A) CRUSHED AGGREGATE BASE COURSE, 100 mm (TO BE USED UNDER CONCRETE SIDEWALK)

4. BREAKER RUN, 300 mm (OR AS DIRECTED BY THE ENGINEER)
5. CONCRETE CURB AND GUTTER, 750 mm (30-INCH), TYPE A
6. CONCRETE SIDEWALK, 100 mm
7. GEOTEXTILE FABRIC, TYPE DF, SCHEDULE A
8. PIPE UNDERDRAIN, 150 mm
9. TOPSOIL, FERTILIZE, SEED AND MULCH
10. TOPSOIL, FERTILIZE, AND SOD
11. BACKFILL WITH UNCLASSIFIED
12. CONCRETE CURB AND GUTTER, 450 mm (18-INCH), TYPE A
13. GEOTEXTILE FABRIC, TYPE SAS



STA 1'NB' + 219.70 TO 1'NB' + 286.04



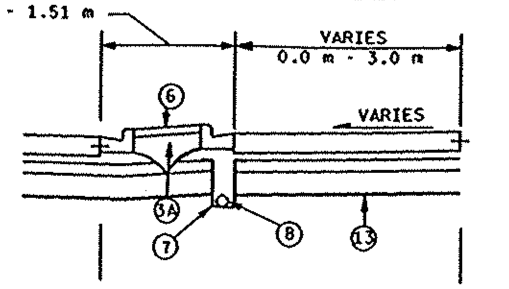
TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

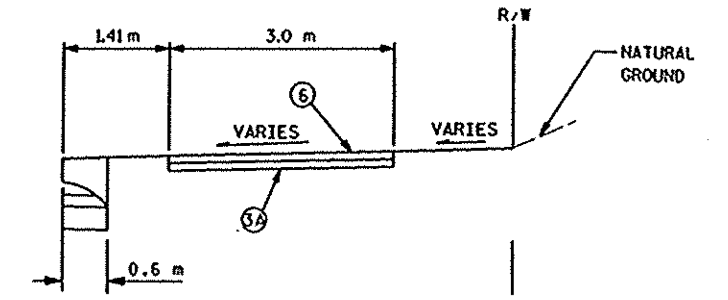
STA 1'NB' + 131.89 TO 1'NB' + 286.04
STA 1'NB' + 535.40 TO 2'NB' + 076.75

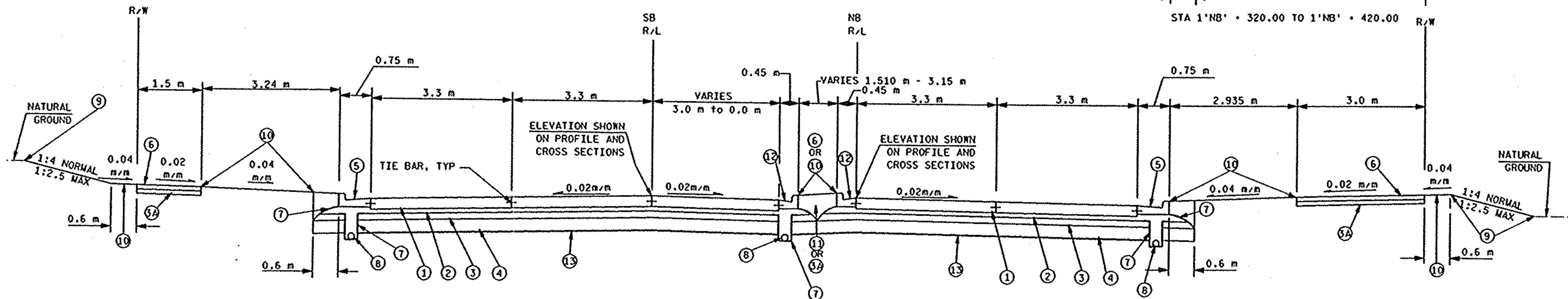
TYPICAL SECTIONS FOR CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN2 /TYPO1 .20G
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
LEVELS ON • 1,2,3,4
PLOT NAME: SEE FILE NAME 56. 59.
PLOT SCALE: ::
TECH/ENGR: DPP/PTR PLOT DATE: 10/25/99
REV. DATE: / /





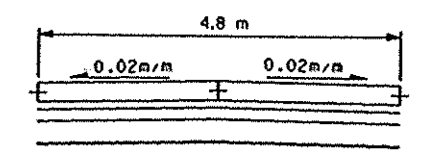


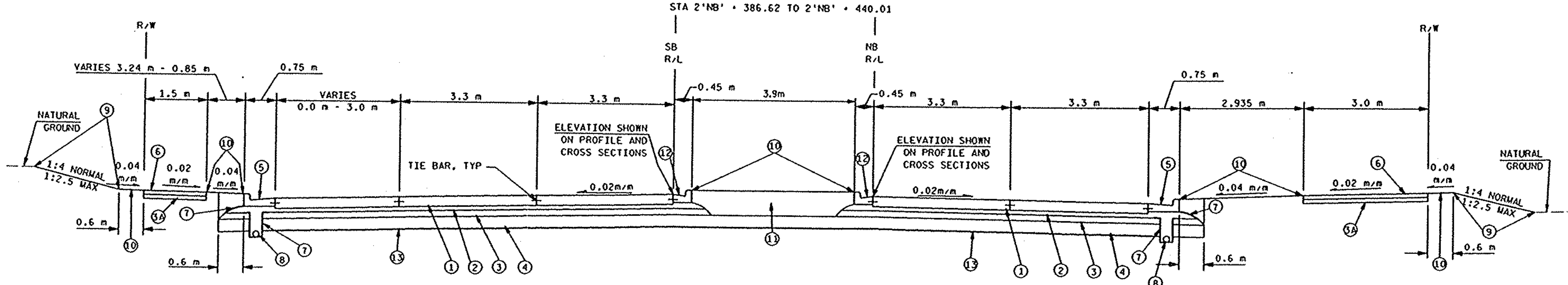
TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

STA 1'NB' + 286.04 TO 1'NB' + 473.24

LEGEND

(1) DOWELED NON-REINFORCED CONCRETE PAVEMENT, 215 mm	(4) BREAKER RUN, 300 mm (OR AS DIRECTED BY THE ENGINEER)	(9) TOPSOIL, FERTILIZE, SEED AND MULCH
(2) CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 2, 100 mm	(5) CONCRETE CURB AND GUTTER, 750 mm (30-INCH), TYPE A	(10) TOPSOIL, FERTILIZE, AND SOD
(3) CRUSHED AGGREGATE BASE COURSE, 150 mm	(6) CONCRETE SIDEWALK, 100 mm	(11) BACKFILL WITH UNCLASSIFIED
(3A) CRUSHED AGGREGATE BASE COURSE, 100 mm (TO BE USED UNDER CONCRETE SIDEWALK)	(7) GEOTEXTILE FABRIC, TYPE DF, SCHEDULE A	(12) CONCRETE CURB AND GUTTER, 450 mm (18-INCH), TYPE A
	(8) PIPE UNDERDRAIN, 150 mm	(13) GEOTEXTILE FABRIC, TYPE SAS





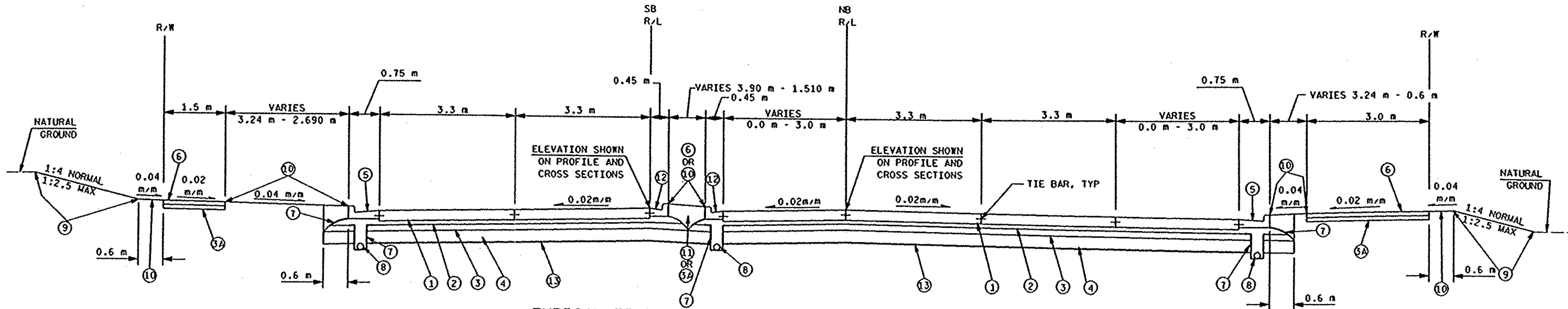
TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

STA 1'NB' + 473.24 TO 1'NB' + 535.40

TYPICAL SECTIONS FOR CTH E (N. BALLARD RD)		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN2 /TYP02 .2DG TECH/ENGR: DPP/PTR PLOT DATE: 10/25/99 PLOT NAME: SEE FILE NAME PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4, 56, 59,

WisDOT: MSHT40



TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

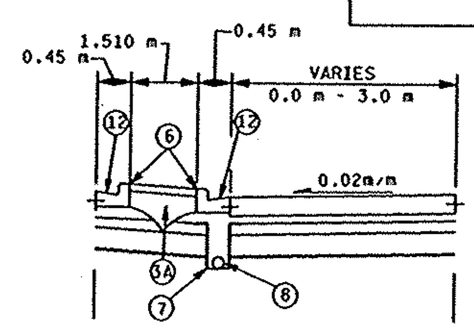
STA 2'NB' + 076.75 TO 2'NB' + 140.00
STA 2'NB' + 582.58 TO 2'NB' + 662.00

LEGEND

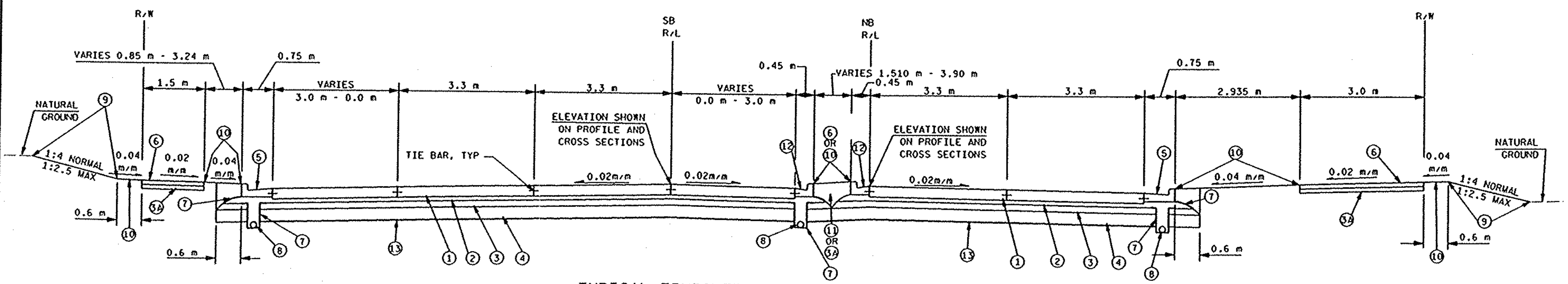
1. DOWELED NON-REINFORCED CONCRETE PAVEMENT, 215 mm
2. CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 2, 100 mm
3. CRUSHED AGGREGATE BASE COURSE, 150 mm

3A. CRUSHED AGGREGATE BASE COURSE, 100 mm (TO BE USED UNDER CONCRETE SIDEWALK)

4. BREAKER RUN, 300 mm (OR AS DIRECTED BY THE ENGINEER)
5. CONCRETE CURB AND GUTTER, 750 mm (30-INCH), TYPE A
6. CONCRETE SIDEWALK, 100 mm
7. GEOTEXTILE FABRIC, TYPE DF, SCHEDULE A
8. PIPE UNDERDRAIN, 150 mm
9. TOPSOIL, FERTILIZE, SEED AND MULCH
10. TOPSOIL, FERTILIZE, AND SOD
11. BACKFILL WITH UNCLASSIFIED
12. CONCRETE CURB AND GUTTER, 450 mm (18-INCH), TYPE A
13. GEOTEXTILE FABRIC, TYPE SAS



STA 2'NB' + 720.00 TO 2'NB' + 760.00

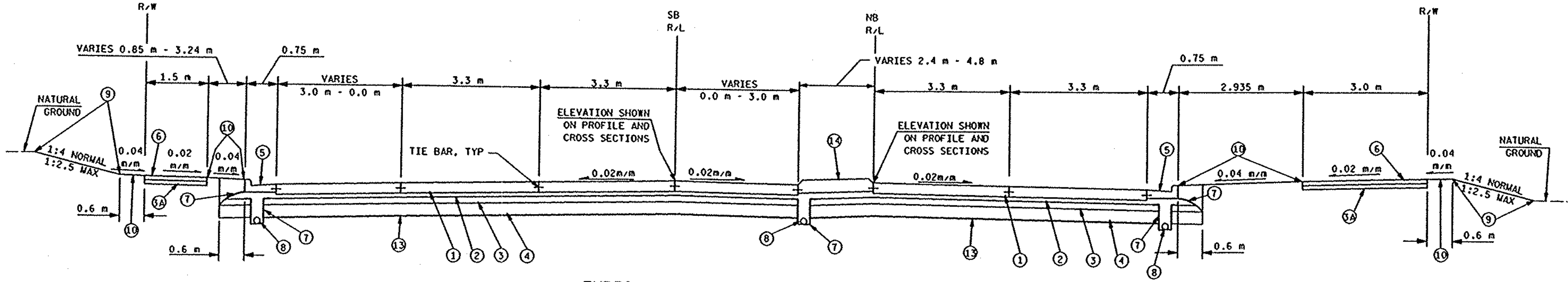


TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

STA 2'NB' + 140.00 TO 2'NB' + 204.85
STA 2'NB' + 662.00 TO 2'NB' + 760.00

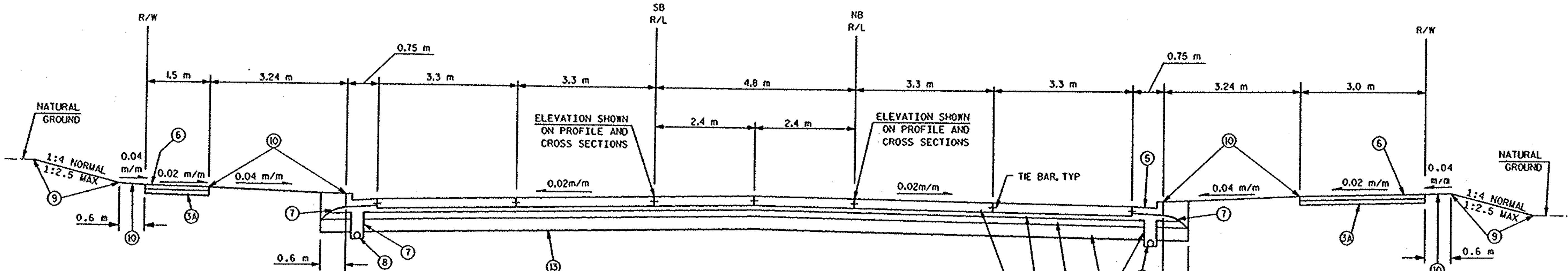
TYPICAL SECTIONS FOR CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN2 /TYP03 .2DG TECH/ENGR: OPP/PTR PLOT DATE: 10/25/99 PLOT NAME: SEE FILE NAME PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / 56. 59.
LEVELS ON - 1,2,3,4
WisDOT: MSHT40



TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

STA 2'NB' + 204.85 TO 2'NB' + 234.83

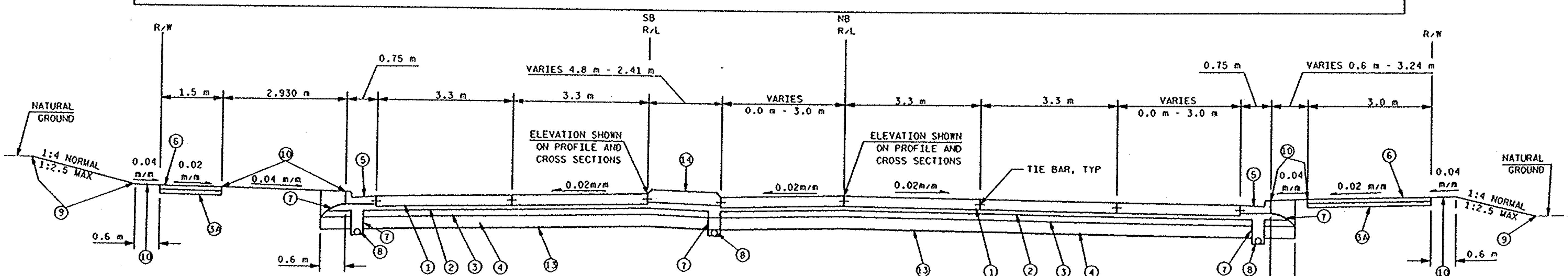


TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

STA 2'NB' + 234.83 TO 2'NB' + 386.62
STA 2'NB' + 440.01 TO 2'NB' + 552.72
STA 2'NB' + 760.00 TO 2'NB' + 789.02

LEGEND

1. DOWELED NON-REINFORCED CONCRETE PAVEMENT, 215 mm
2. CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 2, 100 mm
3. CRUSHED AGGREGATE BASE COURSE, 150 mm
3A. CRUSHED AGGREGATE BASE COURSE, 100 mm (TO BE USED UNDER CONCRETE SIDEWALK)
4. BREAKER RUN, 300 mm (OR AS DIRECTED BY THE ENGINEER)
5. CONCRETE CURB AND GUTTER, 750 mm (30-INCH), TYPE A
6. CONCRETE SIDEWALK, 100 mm
7. GEOTEXTILE FABRIC, TYPE DF, SCHEDULE A
8. PIPE UNDERDRAIN, 150 mm
9. TOPSOIL, FERTILIZE, SEED AND MULCH
10. TOPSOIL, FERTILIZE, AND SOD
11. BACKFILL WITH UNCLASSIFIED
12. CONCRETE CURB AND GUTTER, 450 mm (18-INCH), TYPE A
13. GEOTEXTILE FABRIC, TYPE SAS
14. CONCRETE CORRUGATED MEDIAN, 215 mm



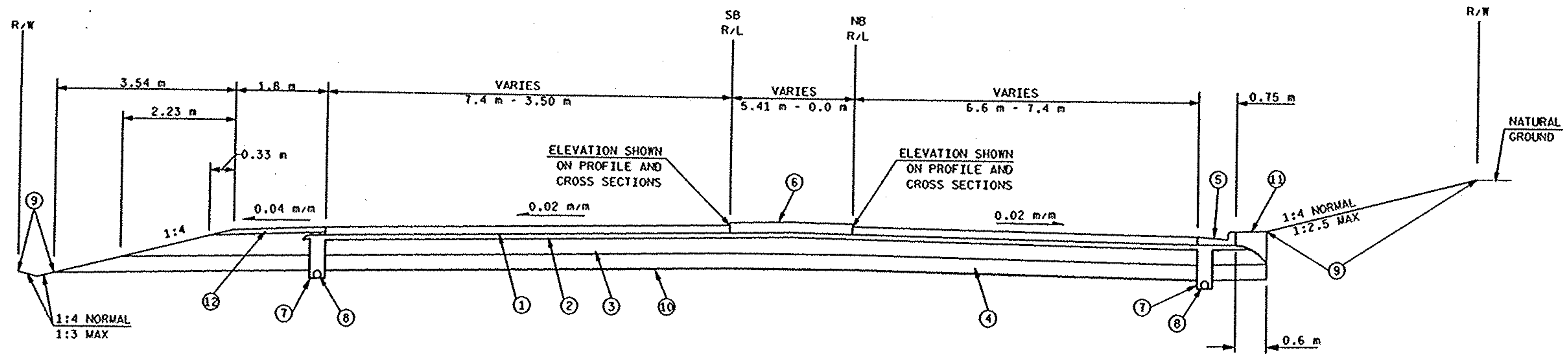
TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD RD)

STA 2'NB' + 552.72 TO STA 2'NB' + 582.58

TYPICAL SECTIONS FOR CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN2 /TYP04 .20G TECH/ENGR: DPP/PTR PLOT DATE: 10/25/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / 56 59
LEVELS ON 1,2,3,4

WisDOT: MSHT40

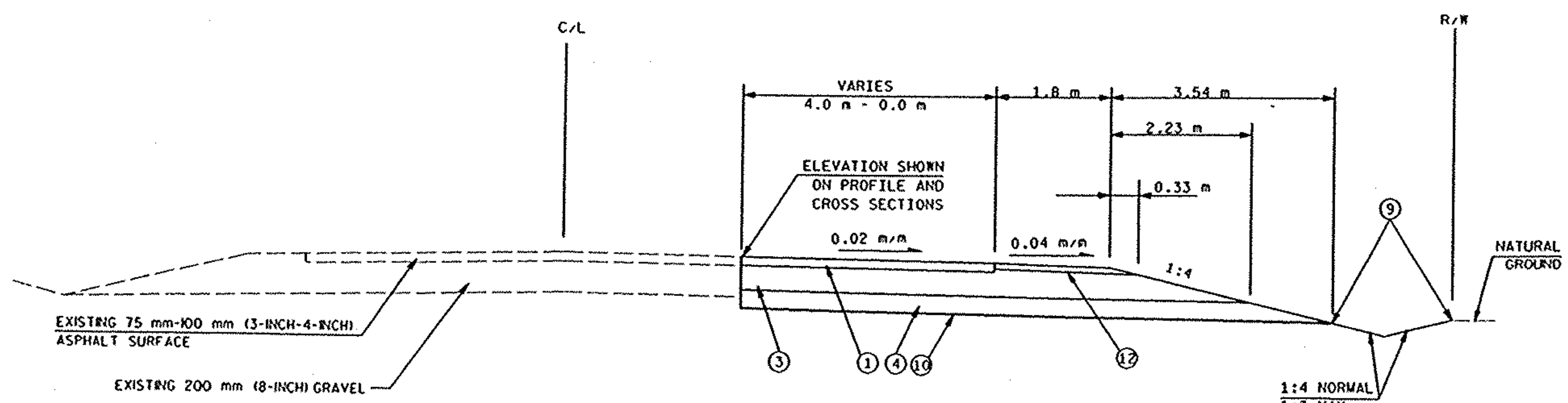


TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD ROAD)

STA 2'NB' + 789.02 TO STA 2'NB' + 863.42

LEGEND

1. ASPHALTIC CONCRETE PAVEMENT, TYPE MV, 150 mm (50 mm UPPER COURSE OVER 2-50 mm LOWER COURSE)
2. CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 2, 100 mm
3. CRUSHED AGGREGATE BASE COURSE, 300 mm
4. BREAKER RUN, 300 mm (OR AS DIRECTED BY THE ENGINEER)
5. CONCRETE CURB AND GUTTER, 750 mm, TYPE D
6. CONCRETE CORRUGATED MEDIAN
7. GEOTEXTILE FABRIC, TYPE DF, SCHEDULE A
8. PIPE UNDERDRAIN, 150 mm
9. TOPSOIL, FERTILIZE, SEED AND MULCH
10. GEOTEXTILE FABRIC, TYPE SAS
11. TOPSOIL, FERTILIZE, AND SOD
12. CRUSHED AGGREGATE BASE COURSE FOR SHOULDERS



TYPICAL FINISHED SECTION FOR CTH E (N. BALLARD ROAD)

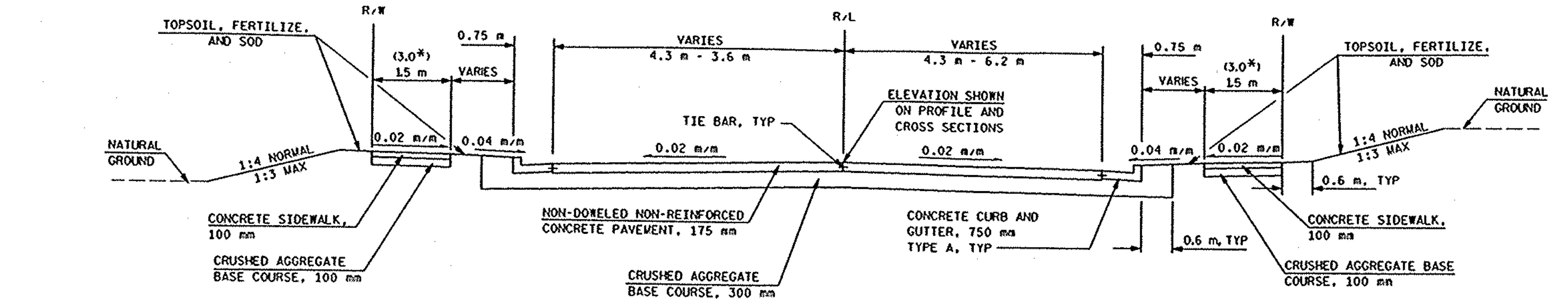
STA 2'NB' + 863.42 TO STA 3'NB' + 055.00

TYPICAL SECTIONS FOR CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WisDOT: MSHT40

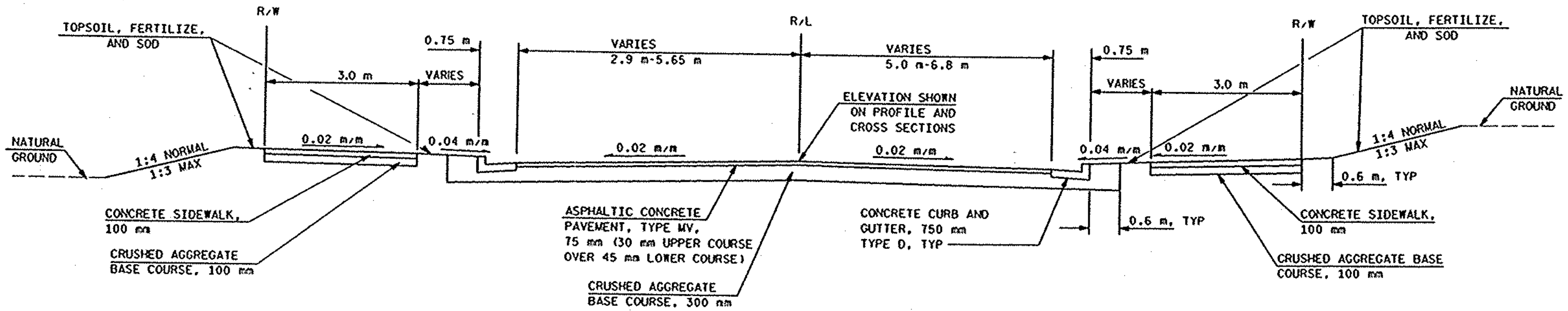
FILE NAME: E1339A /SHEETS /PLAN2 /TYPOS .2DG TECH/ENGR: / PLOT DATE: 08/03/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON : 1,2,3,4,5,6,7,8,9,10,11, 13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62.

* STA 2+081.667 TO STA 2+266.80



TYPICAL FINISHED SECTION FOR ASHBURY DRIVE

STA 2+081.667 TO STA 2+277.40

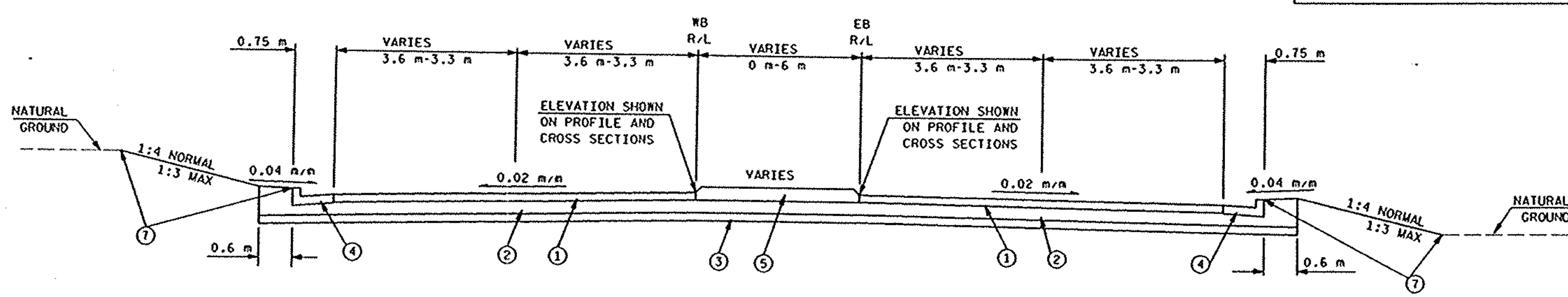


TYPICAL FINISHED SECTION FOR ASHBURY DRIVE

STA 2+277.40 TO STA 2+293.50

LEGEND

1. ASPHALTIC CONCRETE PAVEMENT, TYPE MV, 140 mm (40 mm UPPER COURSE OVER 2-50 mm LOWER COURSES)
2. CRUSHED AGGREGATE BASE COURSE, 225 mm
3. BREAKER RUN, 150 mm (OR AS DIRECTED BY THE ENGINEER)
4. CONCRETE CURB AND GUTTER, 750 mm (30-INCH), TYPE D
5. CONCRETE CORRUGATED MEDIAN, 138 mm
6. TOPSOIL, FERTILIZE, SEED AND MULCH
7. TOPSOIL, FERTILIZE, AND SOD
8. BACKFILL WITH UNCLASSIFIED



TYPICAL FINISHED SECTION FOR CTH JJ (E. EDGEWOOD DRIVE)

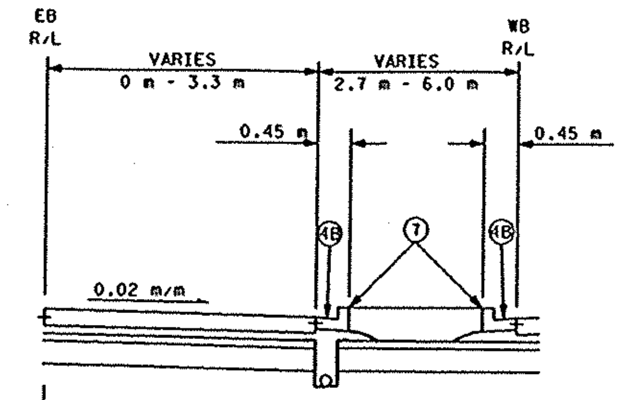
STA 1'EB' + 040.00 TO STA 1'EB' + 140.00

TYPICAL SECTIONS FOR ASHBURY DRIVE AND CTH JJ	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

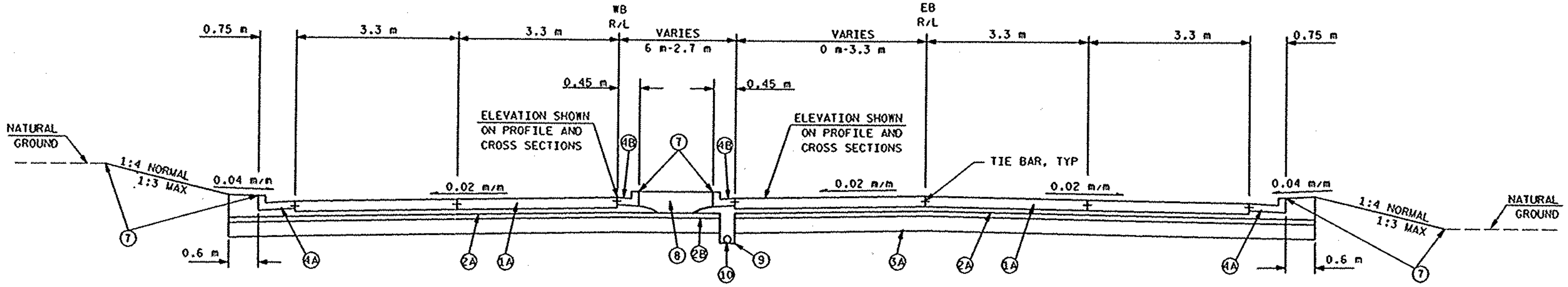
FILE NAME: E1339A /SHEETS /PLAN2 /TYP06 .2DG TECH/ENGR: / PLOT DATE: 10/25/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /PLAN2 /TYP07 .20G TECH/ENGR: / PLOT DATE: 08/03/99 PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62



STA 1'EB' + 236.30 TO STA 1'EB' + 299.80

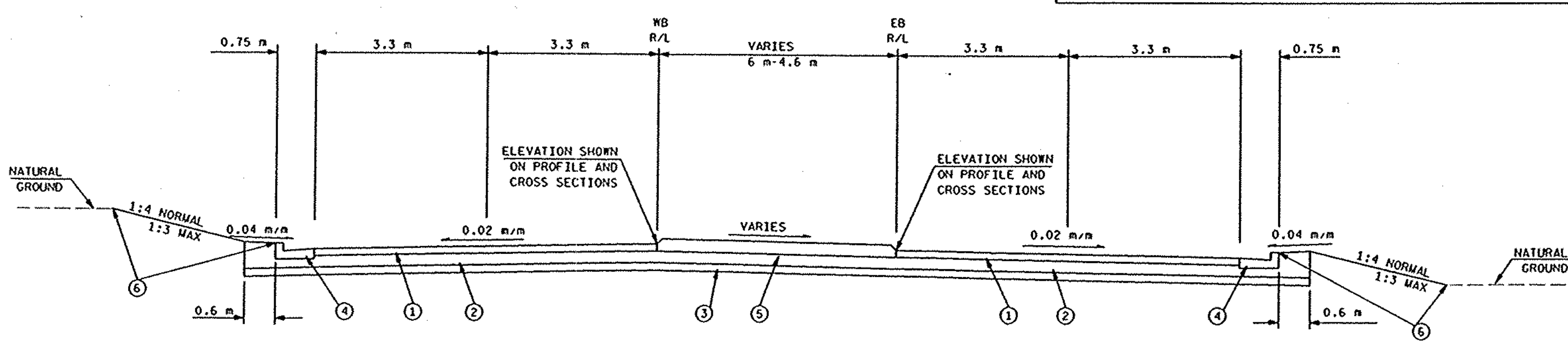


TYPICAL FINISHED SECTION FOR CTH JJ (E. EDGEWOOD DRIVE)

STA 1'EB' + 140 TO STA 1'EB' + 202.3

LEGEND

- (1) ASPHALTIC CONCRETE PAVEMENT, TYPE MV, 140 mm (40 mm UPPER COURSE OVER 2-50 mm LOWER COURSES)
- (1A) DOWELED NON-REINFORCED CONCRETE PAVEMENT, 215 mm
- (2) CRUSHED AGGREGATE BASE COURSE, 225 mm
- (2A) CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 2, 100 mm
- (2B) CRUSHED AGGREGATE BASE COURSE, 150 mm
- (3) BREAKER RUN, 150 mm (OR AS DIRECTED BY THE ENGINEER)
- (3A) BREAKER RUN, 300 mm (OR AS DIRECTED BY THE ENGINEER)
- (4) CONCRETE CURB AND GUTTER, 750 mm, TYPE D
- (4A) CONCRETE CURB AND GUTTER, 750 mm, TYPE A
- (4B) CONCRETE CURB AND GUTTER, 450 mm, TYPE D
- (5) CONCRETE CORRUGATED MEDIAN, 138 mm
- (6) SALVAGED TOPSOIL, FERTILIZE, SEED AND MULCH
- (7) TOPSOIL, FERTILIZE, AND SOD
- (8) BACKFILL WITH UNCLASSIFIED
- (9) GEOTEXTILE FABRIC, TYPE DF, SCHEDULE A
- (10) PIPE UNDERDRAIN, 150 mm

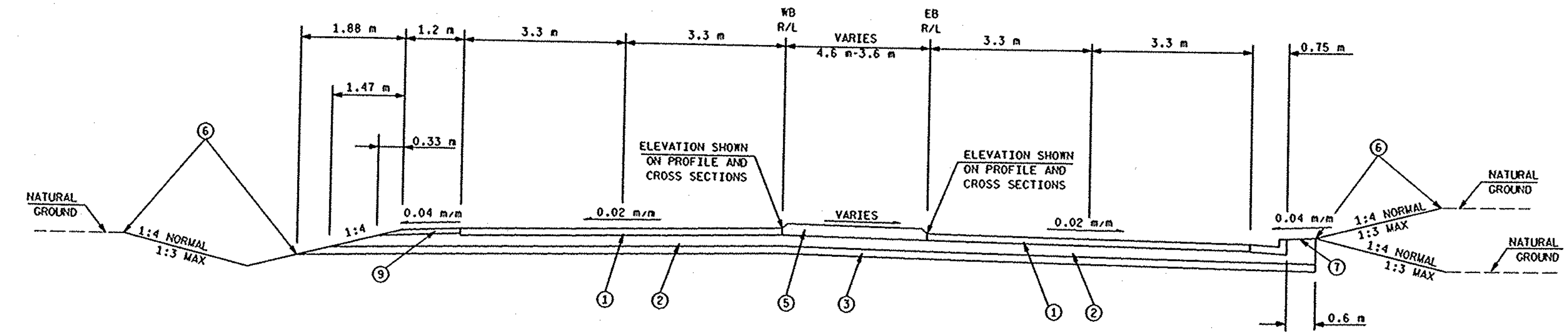


TYPICAL FINISHED SECTION FOR CTH JJ (E. EDGEWOOD DRIVE)

STA 1'EB' + 299.80 to STA 1'EB' + 316.50

TYPICAL SECTIONS FOR CTH JJ	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A /SHEETS /PLAN2 /TYP08 .20G TECH/ENGR: / PLOT DATE: 08/03/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

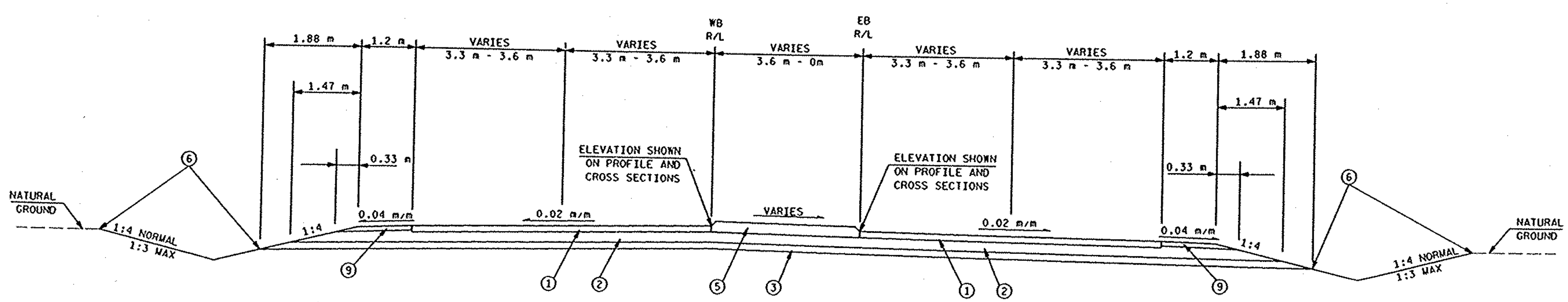


TYPICAL FINISHED SECTION FOR CTH JJ (E. EDGEWOOD DRIVE)

STA 1'EB' + 316.50 to STA 1'EB' + 327.60

LEGEND

1. ASPHALTIC CONCRETE PAVEMENT, TYPE MV, 140 mm (40 mm UPPER COURSE OVER 2-50 mm LOWER COURSES
2. CRUSHED AGGREGATE BASE COURSE, 225 mm
3. BREAKER RUN, 150 mm (OR AS DIRECTED BY THE ENGINEER)
4. CONCRETE CURB AND GUTTER, 750 mm (30-INCH), TYPE D
5. CONCRETE CORRUGATED MEDIAN, 138 mm
6. SALVAGED TOPSOIL, FERTILIZE, SEED AND MULCH
7. TOPSOIL, FERTILIZE, AND SOD
8. BACKFILL WITH UNCLASSIFIED
9. CRUSHED AGGREGATE BASE COURSE FOR SHOULDERS

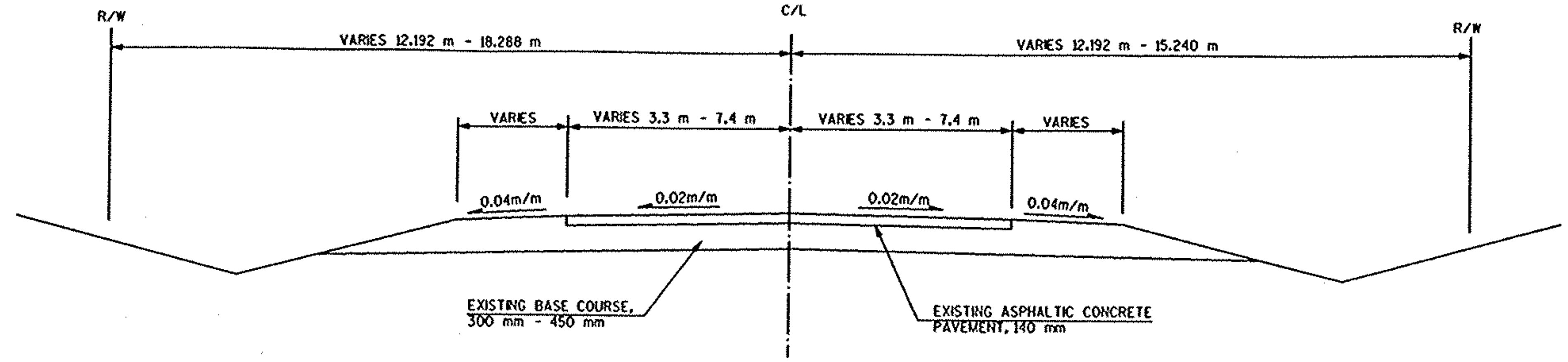


TYPICAL FINISHED SECTION FOR CTH JJ (E. EDGEWOOD DRIVE)

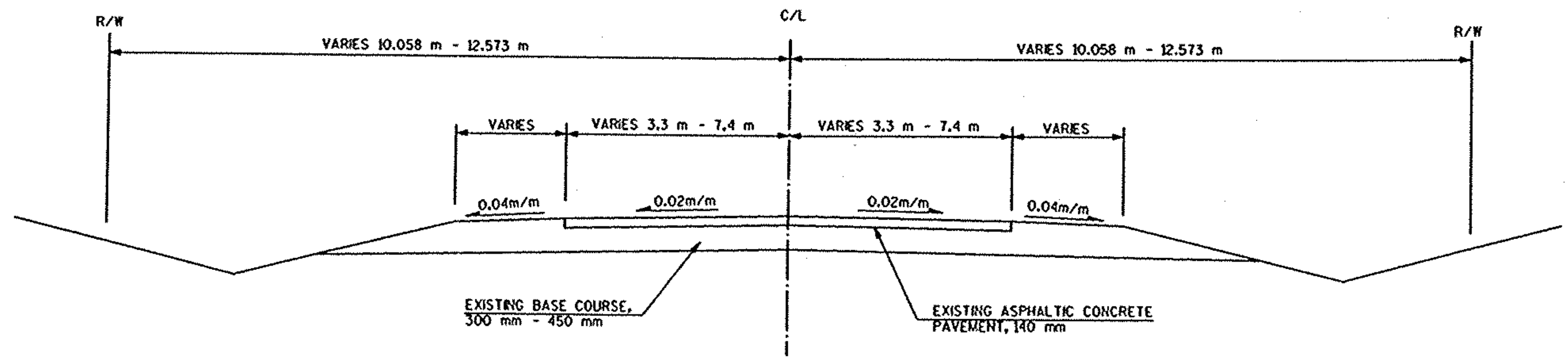
STA 1'EB' + 327.60 to STA 1'EB' + 369.37

TYPICAL SECTIONS FOR CTH JJ		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

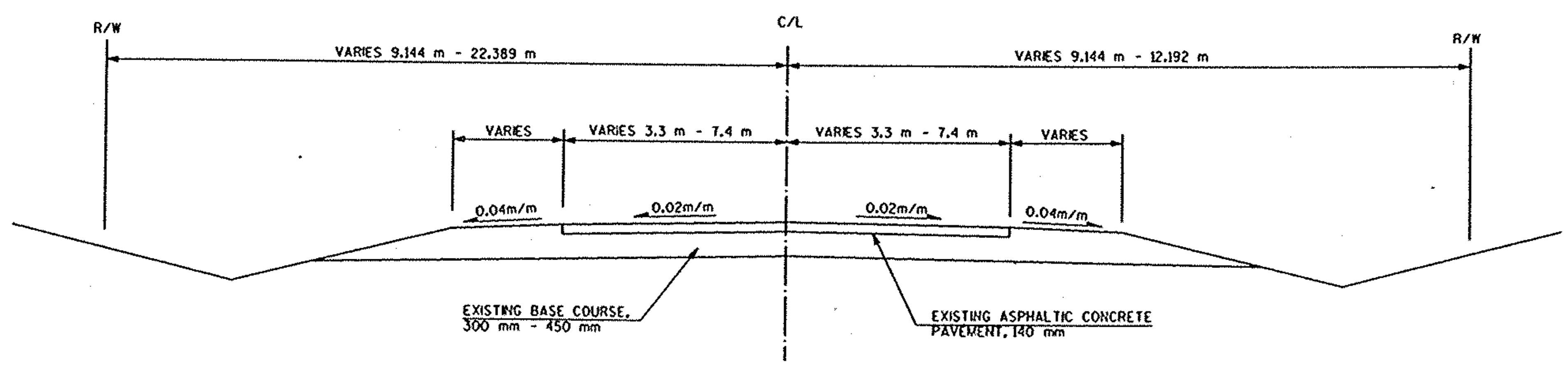
WisDOT: MSHT40



EXISTING TYPICAL SECTION FOR CTH E (N. BALLARD RD)

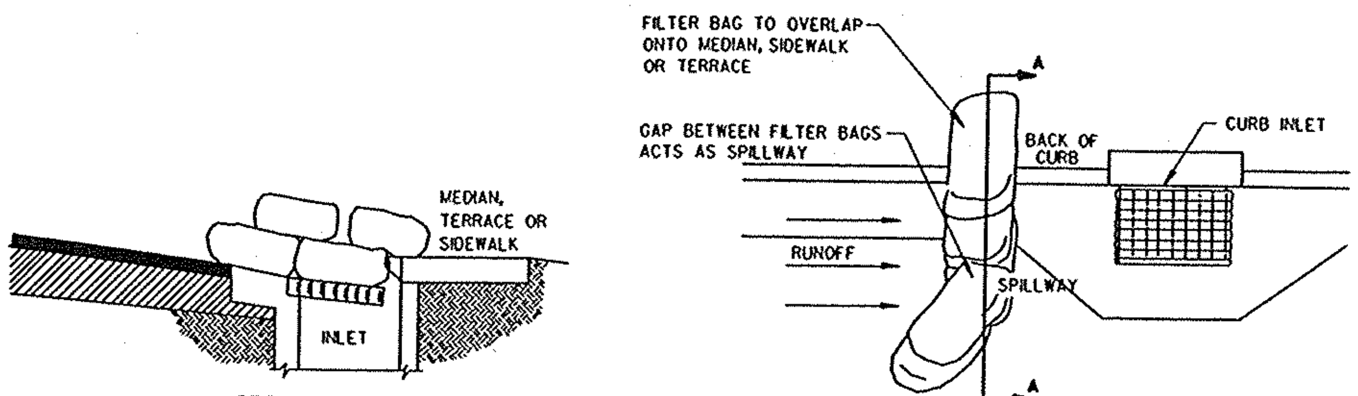


EXISTING TYPICAL SECTION FOR CTH JJ (EDGEWOOD DRIVE)



EXISTING TYPICAL SECTION FOR ASHBURY DRIVE

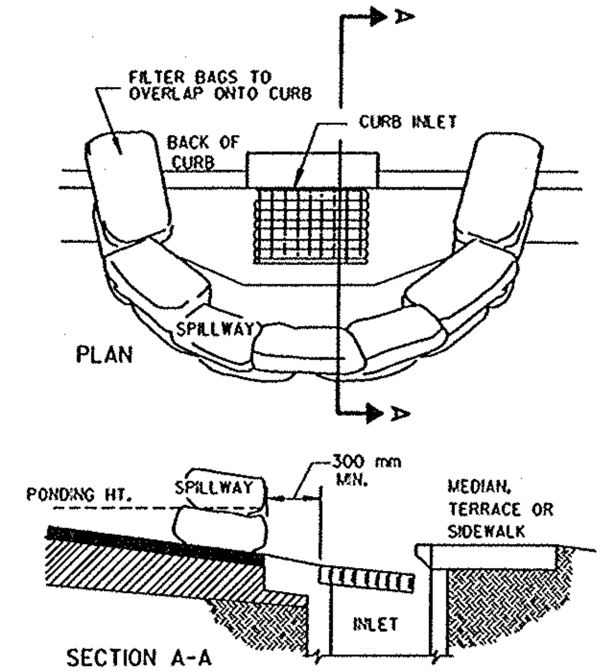
TYPICAL CROSS SECTIONS	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M



NOTE: FOR SAG INLETS, PLACE FILTER BAGS ON BOTH SIDES OF INLET

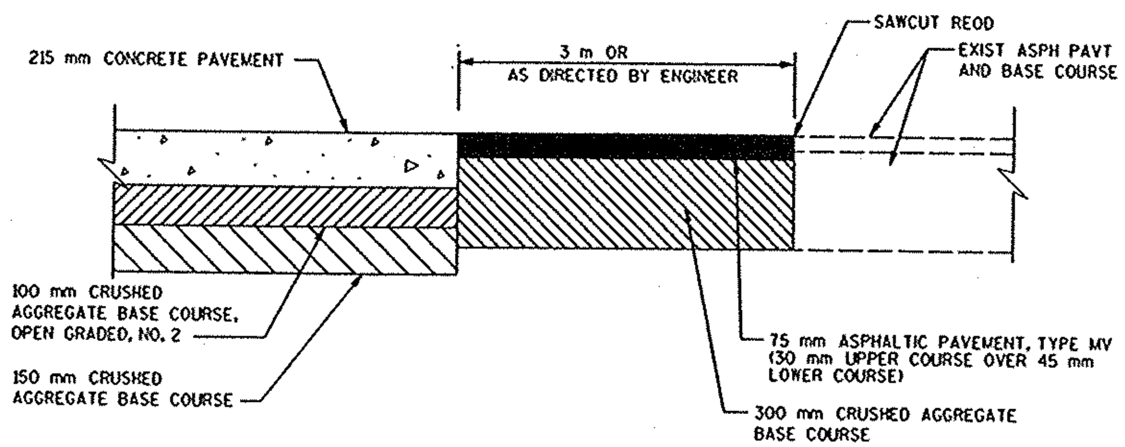
CURB INLET SEDIMENT BARRIER - CONTINUOUS GRADE

(FILTER BAG TYPE)



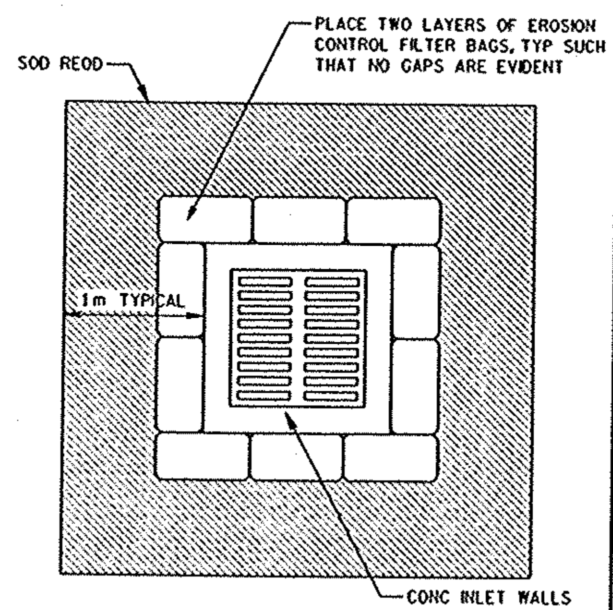
CURB INLET SEDIMENT BARRIER - SAG

(FILTER BAG TYPE)

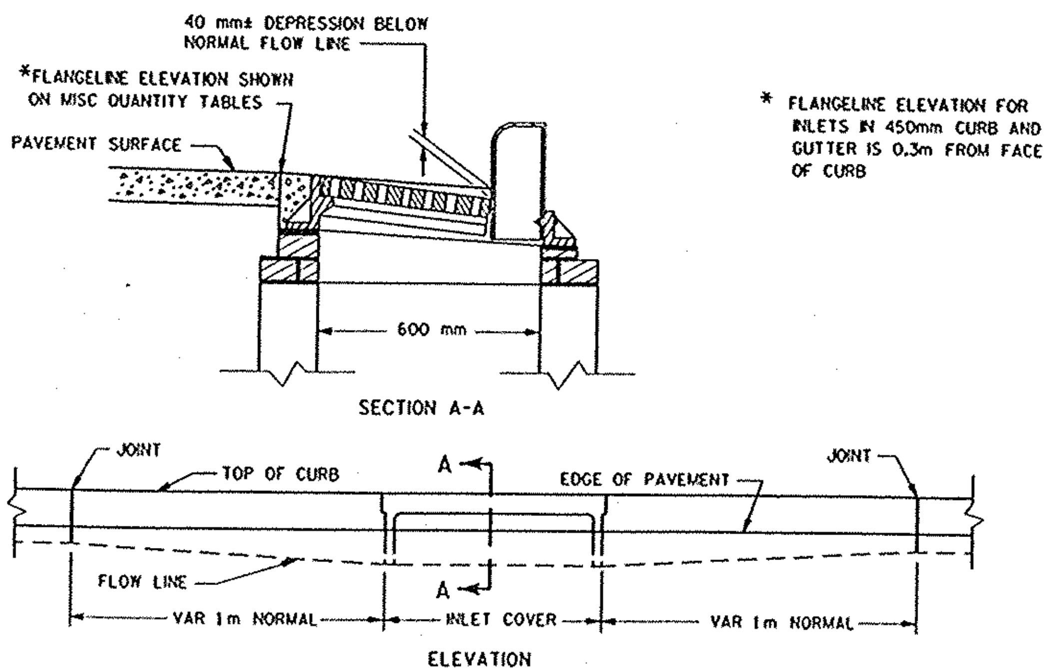


TRANSITION SECTION - SIDE STREETS

SILVER LEAF COURT, ASHBURY DRIVE AND MEMORY LANE

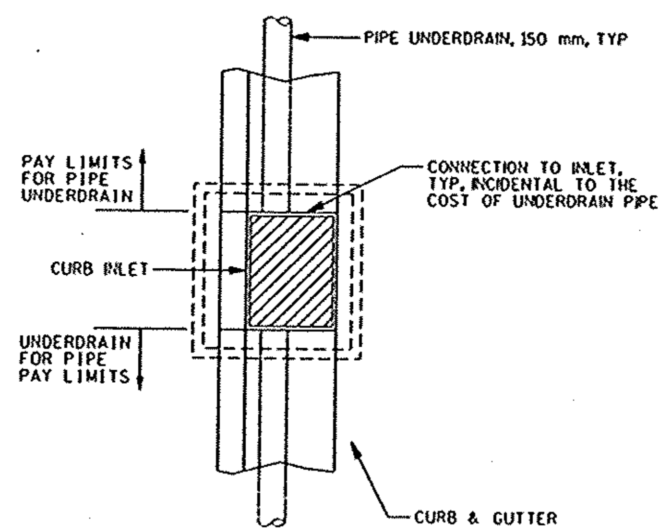


FILTER BAGS & SOD AT FIELD INLETS

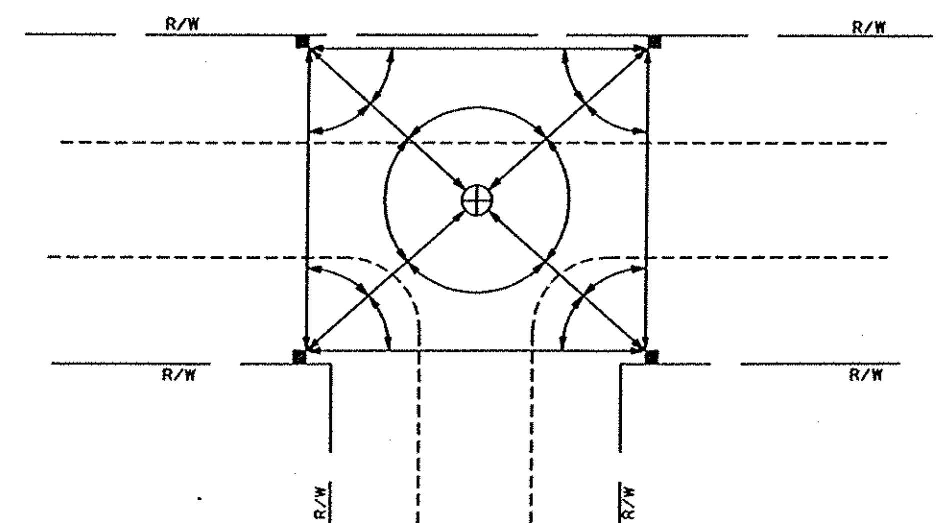


* FLANGELINE ELEVATION FOR INLETS IN 450mm CURB AND GUTTER IS 0.3m FROM FACE OF CURB

DETAIL OF CURB AND GUTTER AT INLETS



PIPE UNDERDRAIN CONNECTION TO CURB INLET



TYPICAL LAYOUT FOR LANDMARK REFERENCE MONUMENTS

LEGEND

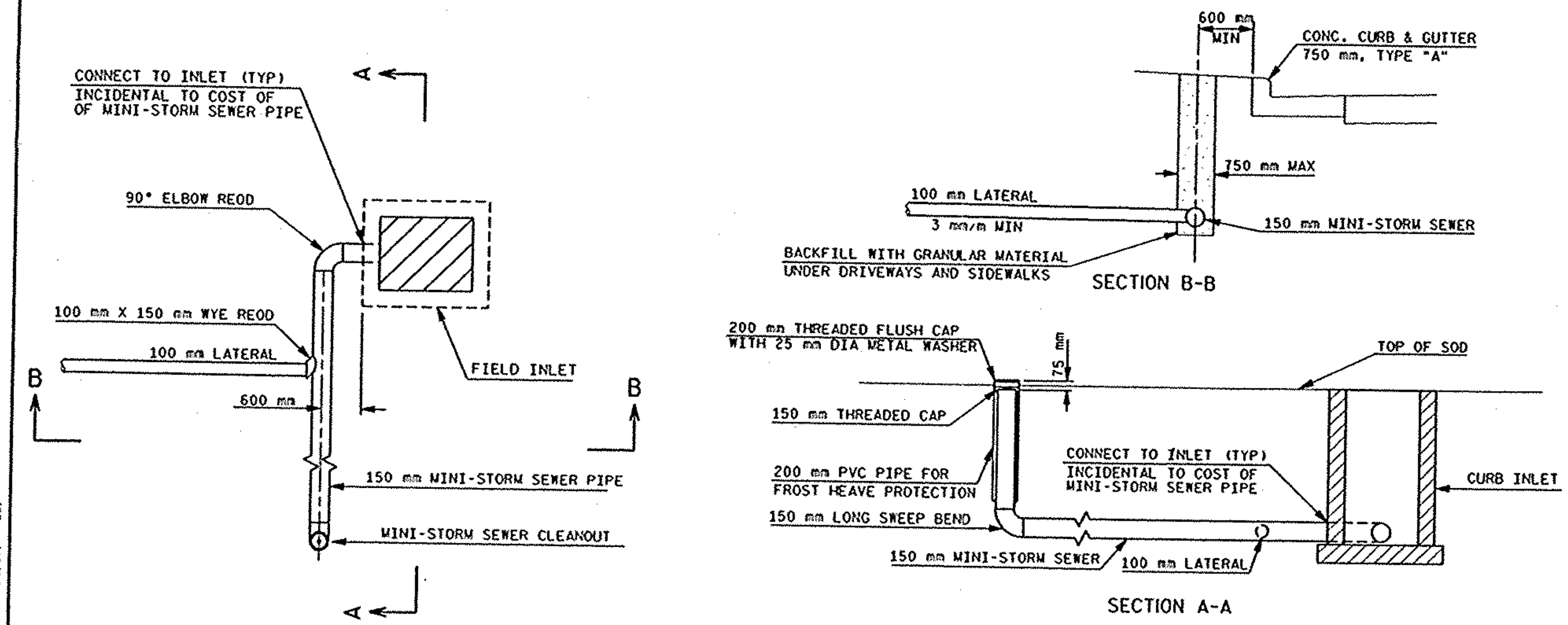
- ⊕ LANDMARK MONUMENT TO BE REFERENCED (TYPE A OR D EXCEPT WITHIN TRAVELLED ROADWAY) (BY OTHERS)
- ■ LANDMARK REFERENCE MONUMENT (NEW OR EXISTING) (TYPE A, C OR D)
- ←→ DISTANCES TO BE MEASURED
- ANGLES TO BE MEASURED

CONSTRUCTION DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /DET01 .2DG PLOT DATE: 10/25/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDC REV. DATE: / / 50.51. 56.57. 59.
LEVELS ON -

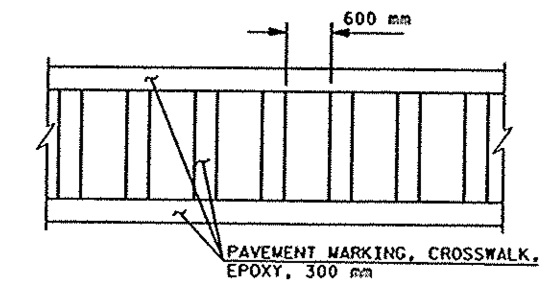
WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /DET02 .20C TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON - 1,2,3,4,5,6, 50,51, 56,57, 59,



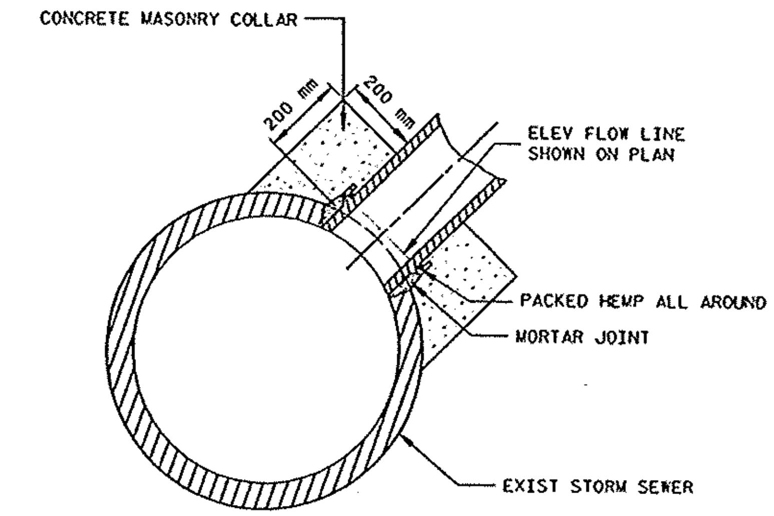
150 mm MINI-STORM SEWER DETAIL

STA 2'SB'+468 LT TO 2'SB'+510 LT



PAVEMENT MARKING, CROSSWALK AT AAL ENTRANCE

STA 1'SB'+486



DETAIL OF CONNECTION TO STORM SEWER

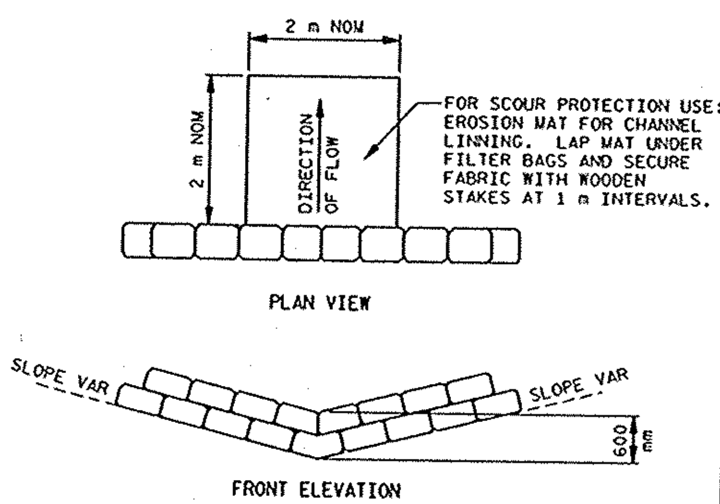
NOTES:

1) PLACE FILTER BAGS TIGHTLY AGAINST EACH OTHER TO PREVENT VOIDS.

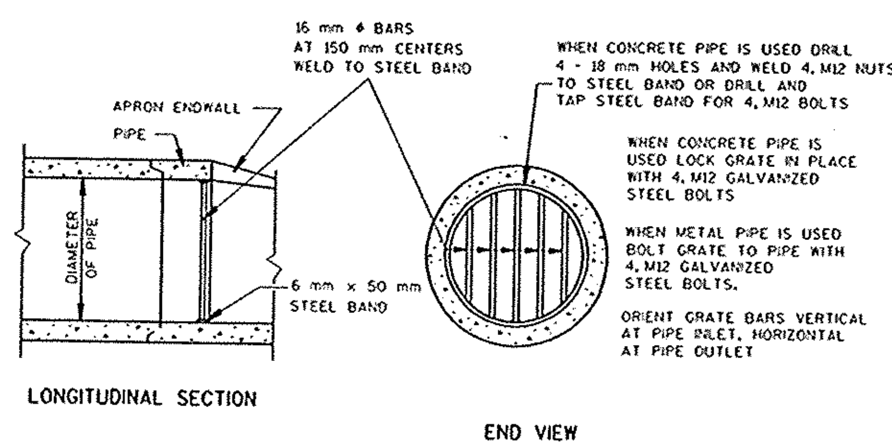
2) STAGGER JOINTS BETWEEN BOTTOM AND TOP ROWS.

3) BOTTOM ELEVATION OF END FILTER BAG SHALL BE EQUAL TO OR GREATER THAN TOP OF LOWEST FILTER BAG.

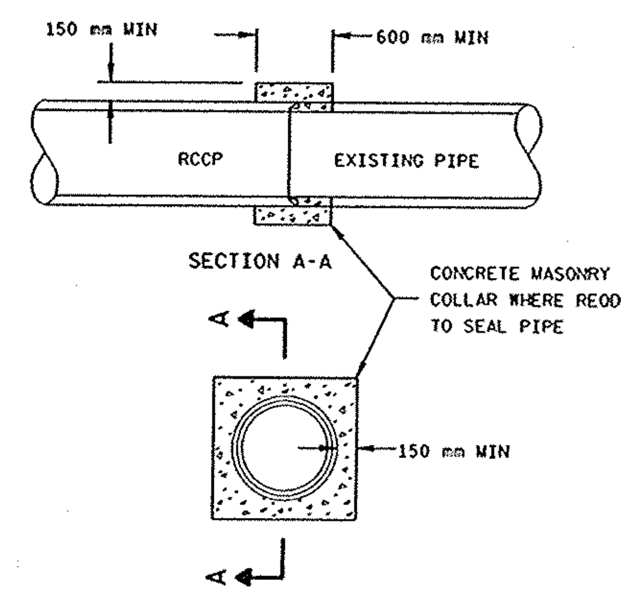
4) DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DETAIL SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



FILTER BAG DITCH CHECK DETAIL



PIPE GRATE DETAIL



CONCRETE COLLAR

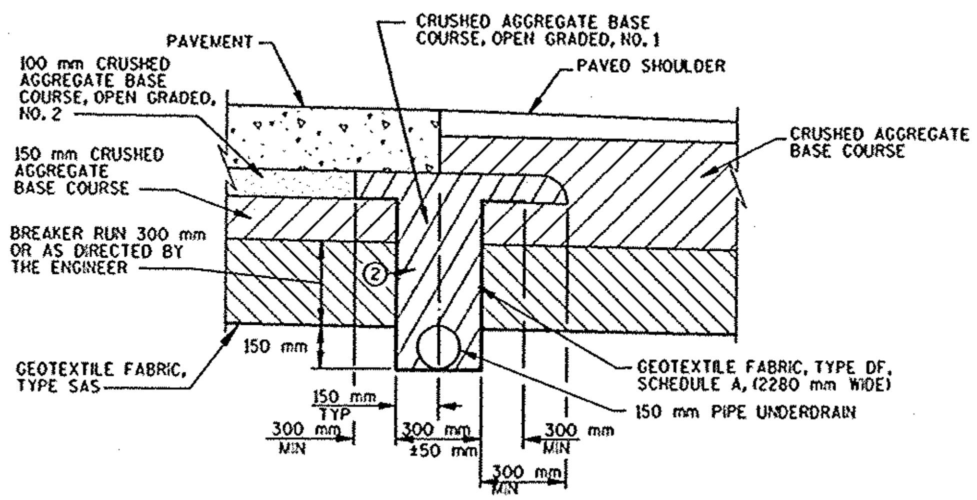
CONSTRUCTION DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WisDOT: MSHT40

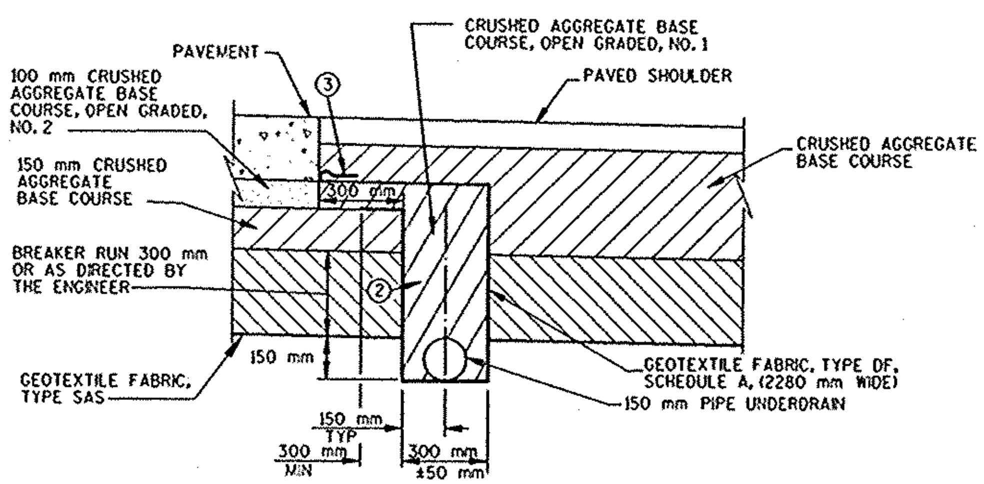
NOTES

PIPE UNDERDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF THE ROADWAY.

1. TOTAL FABRIC WIDTH IS 2280 mm
2. TRENCH BACKFILL WILL BE PAID FOR AS CRUSHED AGGREGATE BASE COURSE, OPEN GRADED, NO. 1.
3. FOLD OVER EXCESS GEOTEXTILE FABRIC AT THIS LOCATION.

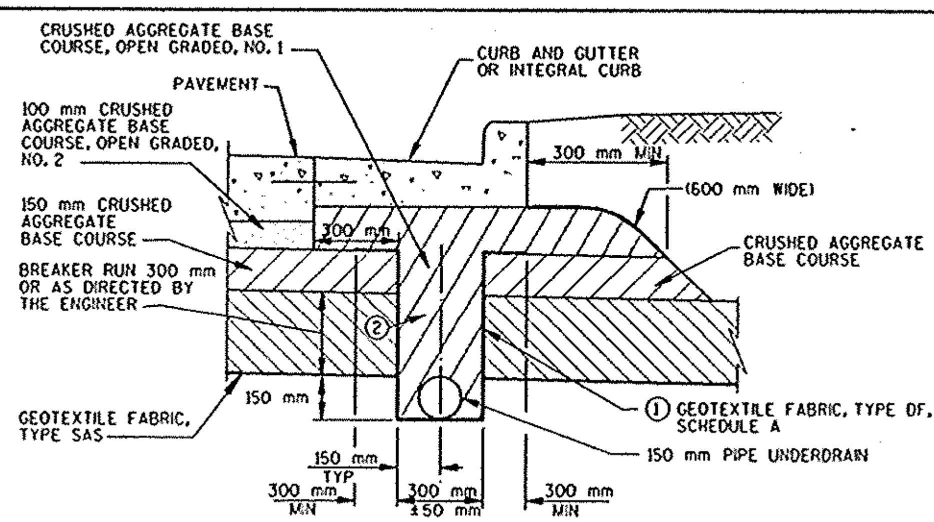


PRE-PAVING INSTALLATION ALTERNATIVE

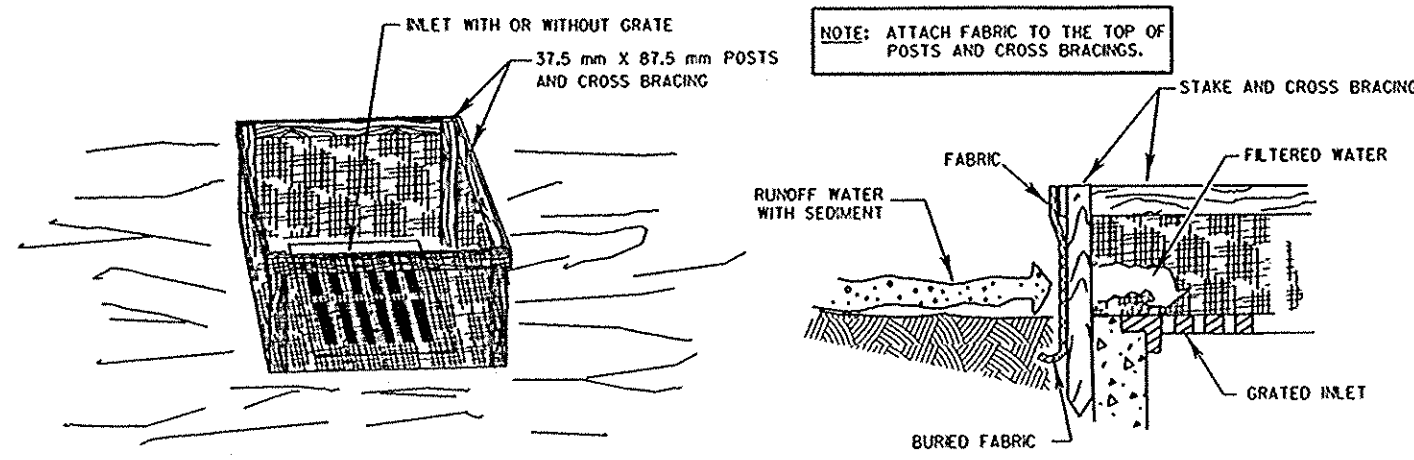


POST PAVING INSTALLATION

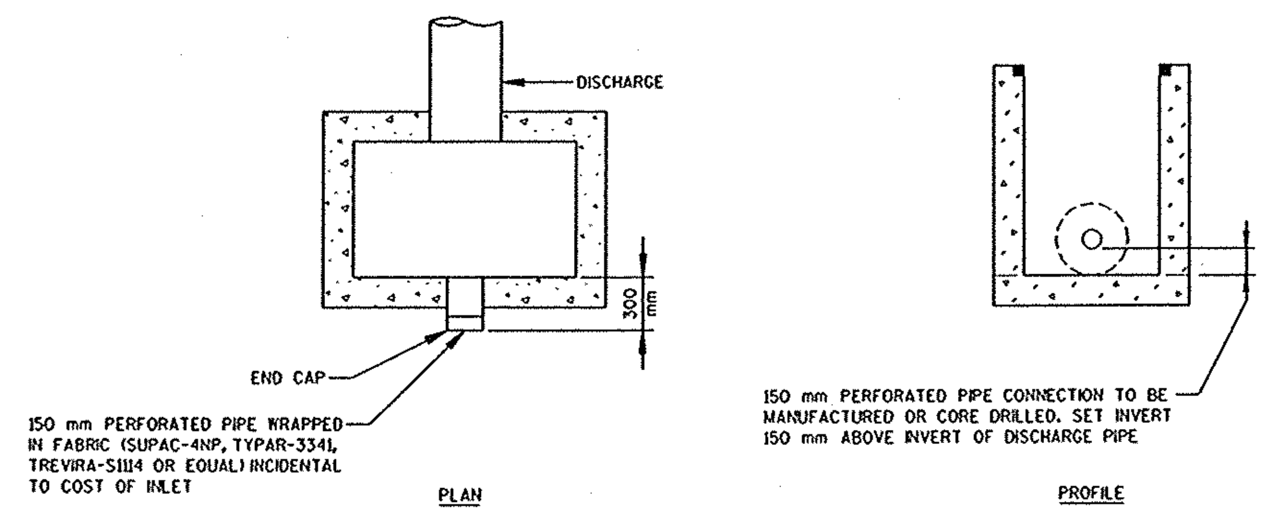
EDGEDRAIN IN RURAL ROADWAY



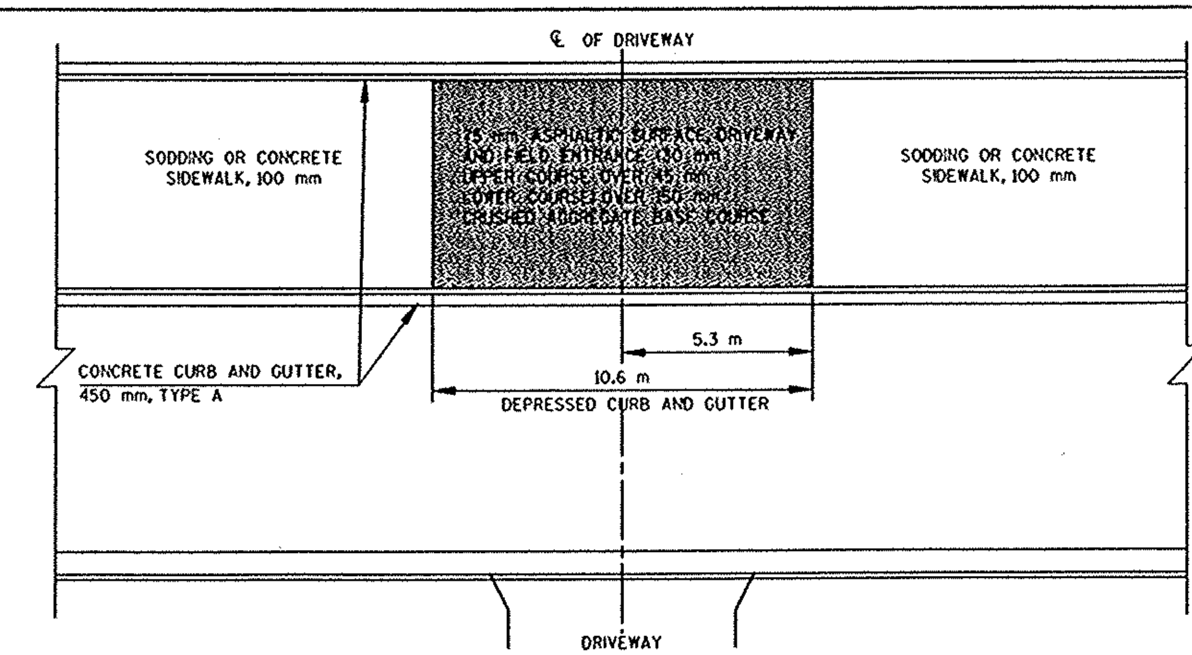
EDGEDRAIN IN URBAN ROADWAY



SILT FENCE INLET SEDIMENT BARRIER



UNDERDRAIN CONNECTION DETAIL

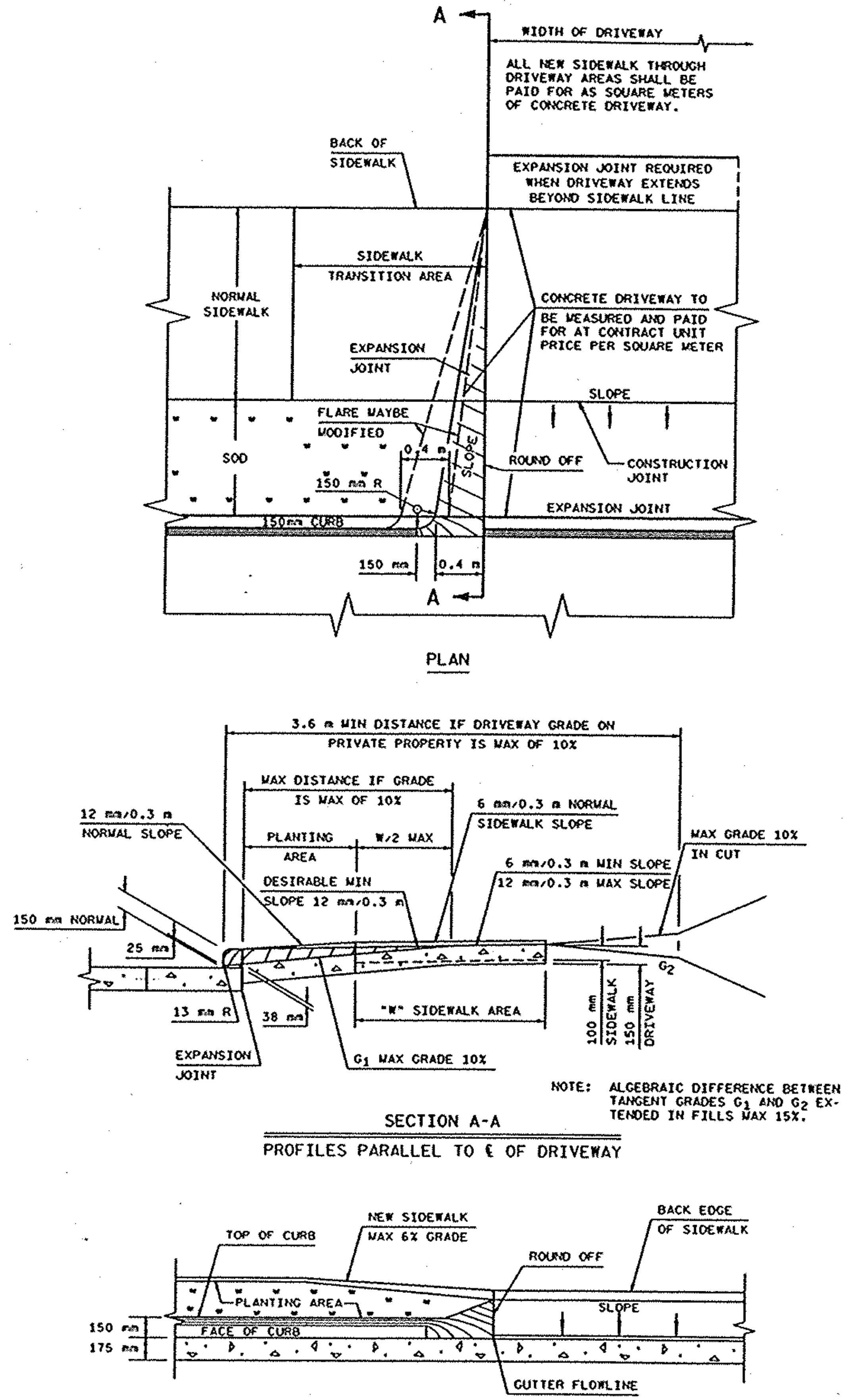


DRIVEWAY MEDIAN OPENING

CONSTRUCTION DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

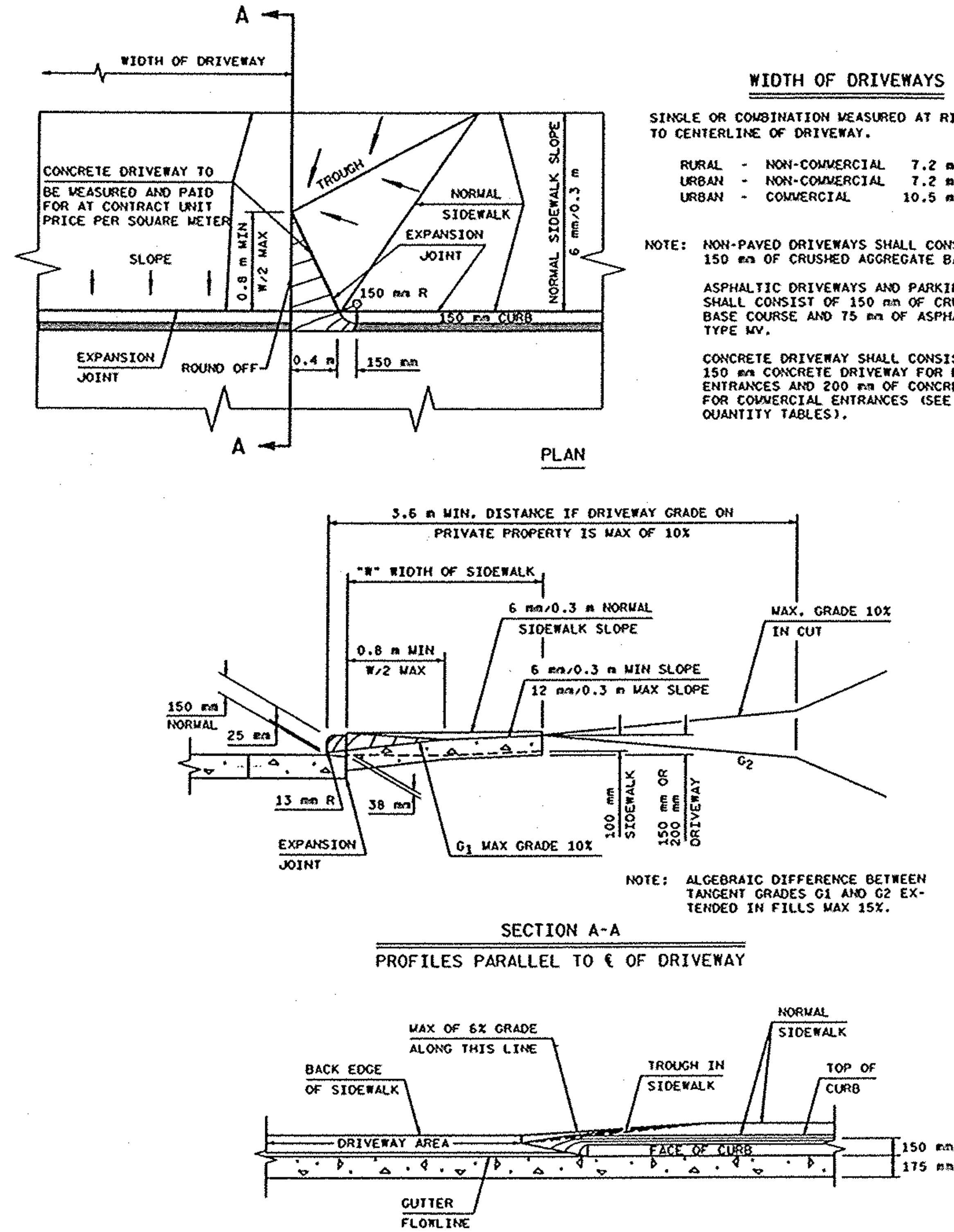
WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /DET04 .2DG TECH/ENGR: OPP/SDC PLOT DATE: 10/25/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON - 1, 50,51, 56, 59,



CONCRETE DRIVEWAY

WHEN SIDEWALK IS SEPARATED FROM CURB BY PLANTING AREA



WIDTH OF DRIVEWAYS

SINGLE OR COMBINATION MEASURED AT RIGHT ANGLES TO CENTERLINE OF DRIVEWAY.

RURAL	NON-COMMERCIAL	7.2 m MAX
URBAN	NON-COMMERCIAL	7.2 m MAX
URBAN	COMMERCIAL	10.5 m MAX

NOTE: NON-PAVED DRIVEWAYS SHALL CONSIST OF 150 mm OF CRUSHED AGGREGATE BASE COURSE.

ASPHALTIC DRIVEWAYS AND PARKING LOTS SHALL CONSIST OF 150 mm OF CRUSHED AGGREGATE BASE COURSE AND 75 mm OF ASPHALTIC PAVEMENT, TYPE MV.

CONCRETE DRIVEWAY SHALL CONSIST OF 150 mm CONCRETE DRIVEWAY FOR RESIDENTIAL ENTRANCES AND 200 mm OF CONCRETE DRIVEWAY FOR COMMERCIAL ENTRANCES (SEE MISCELLANEOUS QUANTITY TABLES).

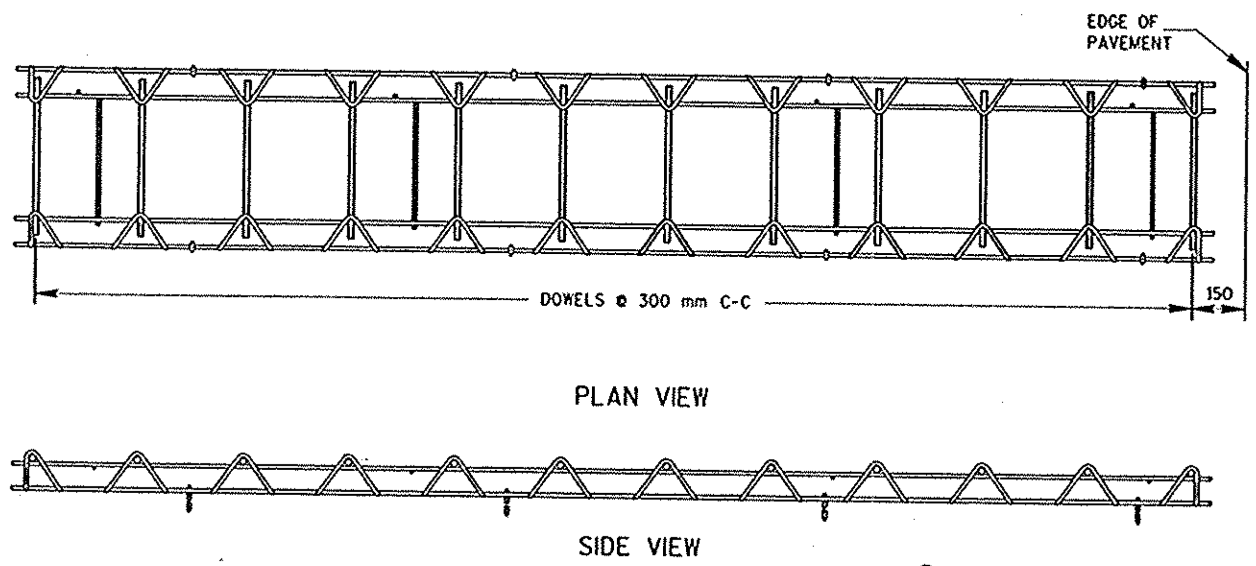
CONCRETE DRIVEWAY

WHEN SIDEWALK IS IMMEDIATELY ADJACENT TO CURB

CONSTRUCTION DETAILS	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /DETO3 .2DG TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON

WisDOT: MSHT40



CONTRACTION JOINT DOWEL ASSEMBLY[1]

PAVEMENT DEPTH, DOWEL BAR SIZE TABLE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D) In mm	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
150, 165	32 mm	3.6 m
175,190	32 mm	4.3 m
200, 215	32 mm	4.5 m
225, 240	32 mm	4.5 m
ABOVE 250	38 mm	5.5 m

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

CONTRACTION JOINTS

UNLESS OTHERWISE SPECIFIED, CONTRACTION JOINTS SHALL NORMAL TO THE CENTERLINE. THE LOCATION OF CONTRACTION JOINTS THRU INTERSECTIONS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

DOWEL BARS SHALL BE INSTALLED PARALLEL TO THE PAVEMENT CENTERLINE AND SURFACE.

CONSTRUCTION JOINTS

CONSTRUCITON JOINTS SHALL BE A MINIMUM OF 1.2 m FROM THE NEAREST CONTRACTION JOINT AND ALIGNED EITHER PARALLEL TO CONTRACTION JOINTS OR AT 90° TO THE CENTERLINE.

TIE BARS MAY BE INSERTED THROUGH THE HEADER BOARD AFTER THE CONCRETE HAS BEEN POURED.

1 ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY MAY BE USED WHEN APPROVED BY THE ENGINEER. MECHANICAL DOWEL BAR IMPLANTERS MAY BE USED INSTEAD OF DOWEL ASSEMBLIES.

2 DOWEL BARS SHALL BE ANCHORED INTO DRILL HOLES WITH AN APPROVED EPOXY GROUT.

3 THE FREE END OF DOWEL BARS SHALL RECEIVE A THIN UNIFORM COATING OF BOND BREAKING GREASE.

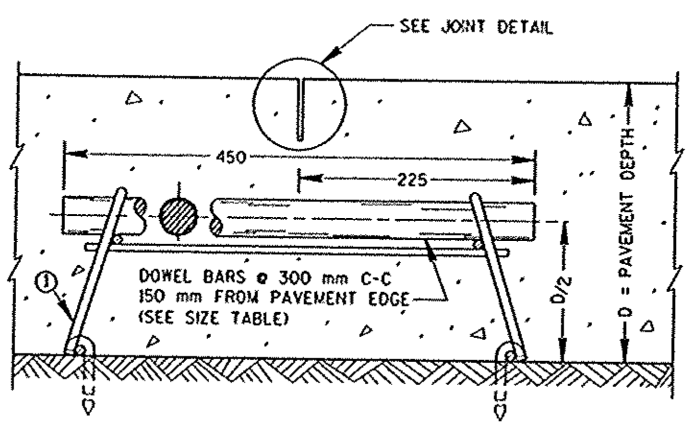
THE CLEAR DISTANCE FROM THE EDGE OF PAVEMENT OR LOGITUDINAL JOINT TO THE NEAR EDGE OF DOWEL BAR NEAREST THAT EDGE OR JOINT SHALL BE A MINIMUM OF 150 mm AND A MXIMUM OF 355 mm.

NOTE

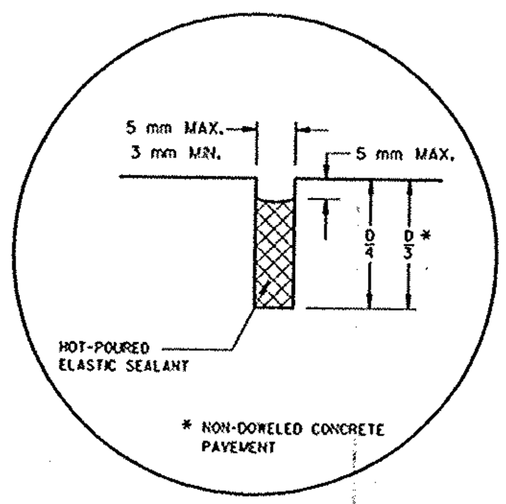
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE SHOWN.

PAY LIMITS FOR SEALING JOINTS SHALL BE MEASURED HORIZONTALLY FROM BACK OF CURB TO BACK OF CURB.

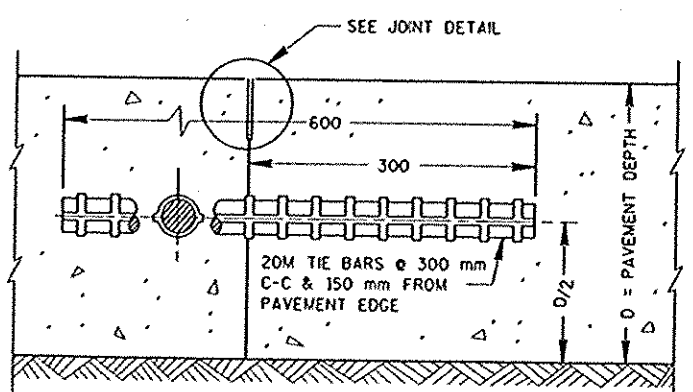
SEALING OF CURB AND GUTTER FLANGE LINE JOINT SHALL BE INCLUDED IN THIS MEASUREMENT.



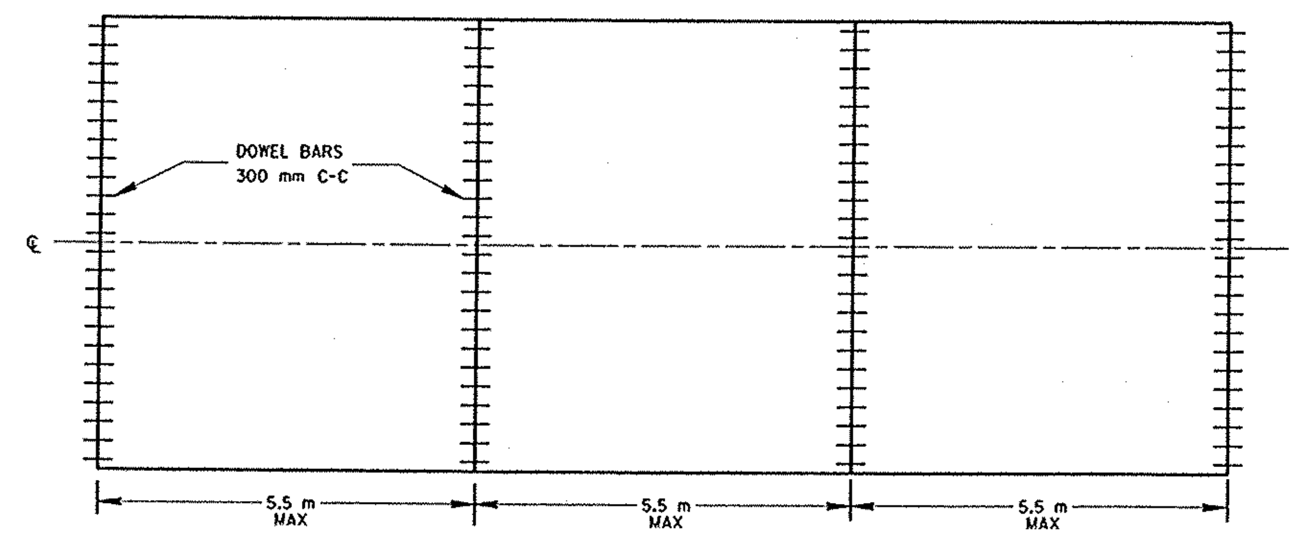
DOWELED CONTRACTION JOINT



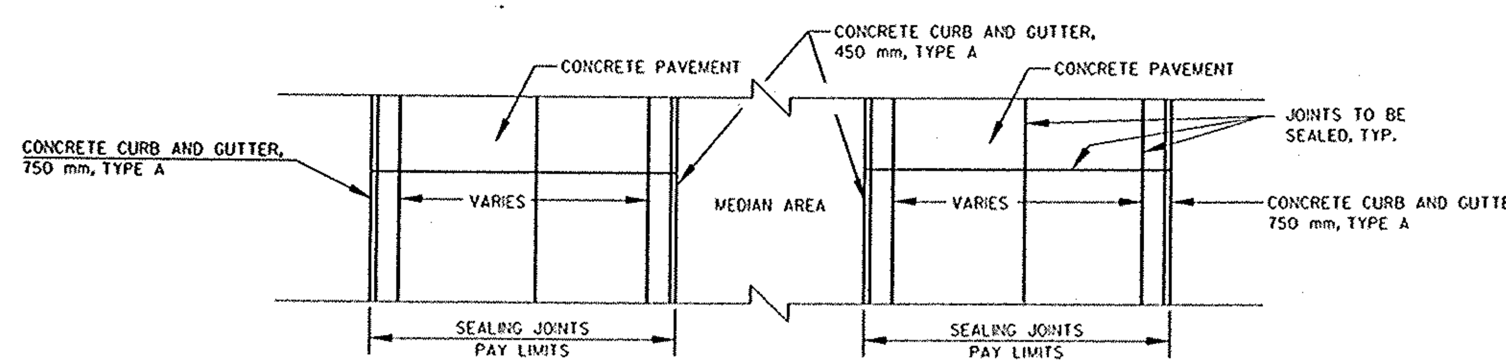
DETAIL "A"
HOT POURED
ELASTIC JOINT SEAL



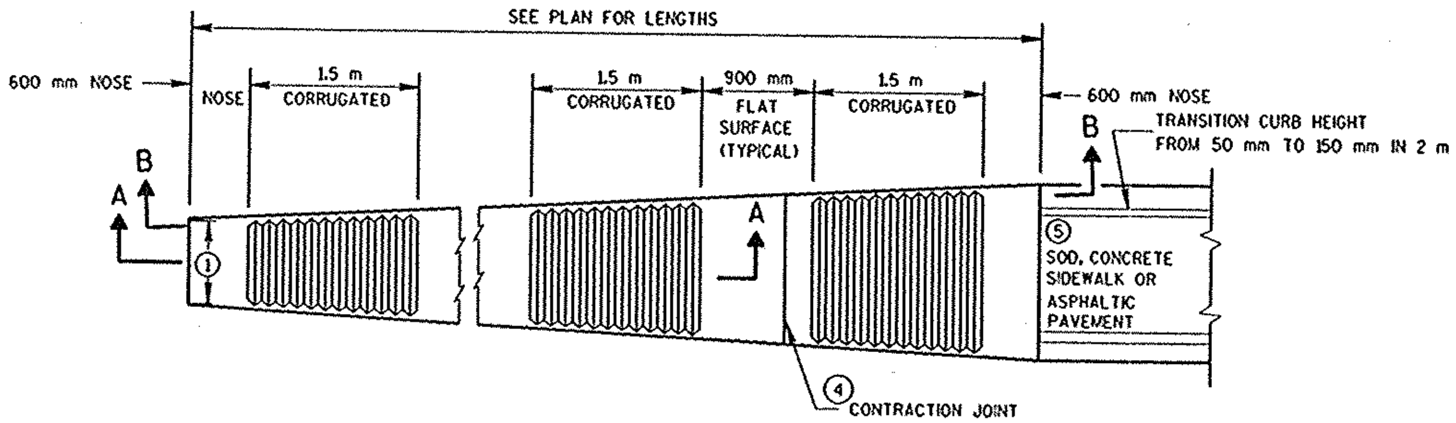
CONSTRUCTION JOINT



CONTRACTION JOINT LOCATIONS
(TRANSVERSE JOINTS SPACED AT 5.5 m & NORMAL)

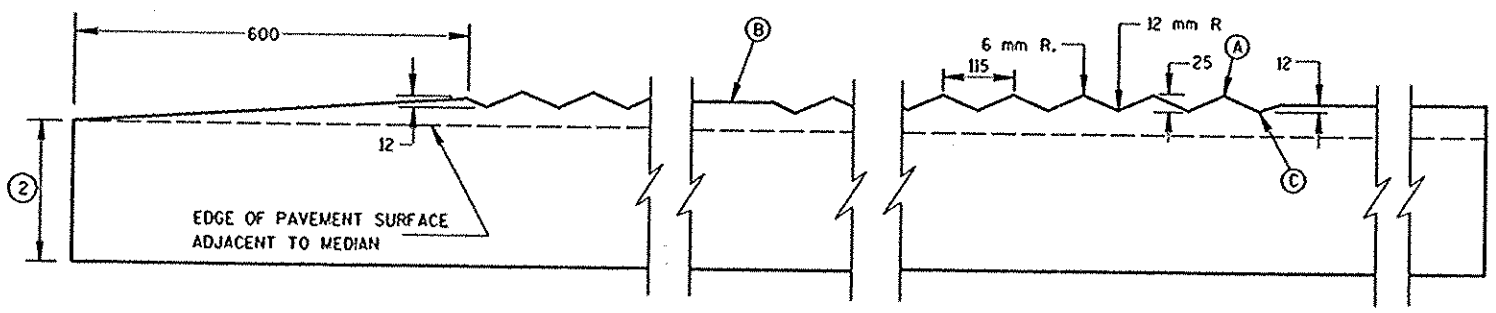


SEALING JOINTS PAY LIMIT DIAGRAM



PLAN VIEW

VARIABLE WIDTH CONCRETE CORRUGATED MEDIAN



SECTION A-A

LONGITUDINAL SECTION

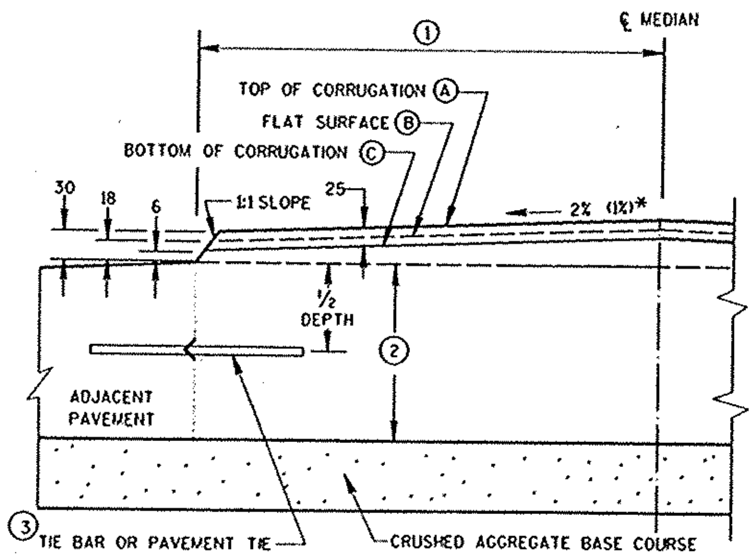
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN REQUIRED IN THE CONTRACT, FLAT SURFACES BETWEEN THE CORRUGATIONS SHALL BE MARKED WITH YELLOW PAVEMENT MARKING.

1. SEE PLANS FOR CONSTANT OR VARIABLE WIDTH.
2. THE DEPTH OF THE CONCRETE MEDIAN SHALL EQUAL THE DEPTH OF THE ADJACENT PAVEMENT STRUCTURE. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN IN THE PLAN. TYPICAL OPTIONS ARE:
   (1) NEW OR EXISTING CONCRETE PAVEMENT.
   (2) ASPHALTIC CONCRETE OVER NEW OR EXISTING CONCRETE BASE COURSE.
   (3) ASPHALTIC PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.
3. TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 13 X 600 mm SPACED AT 600 mm C-C.

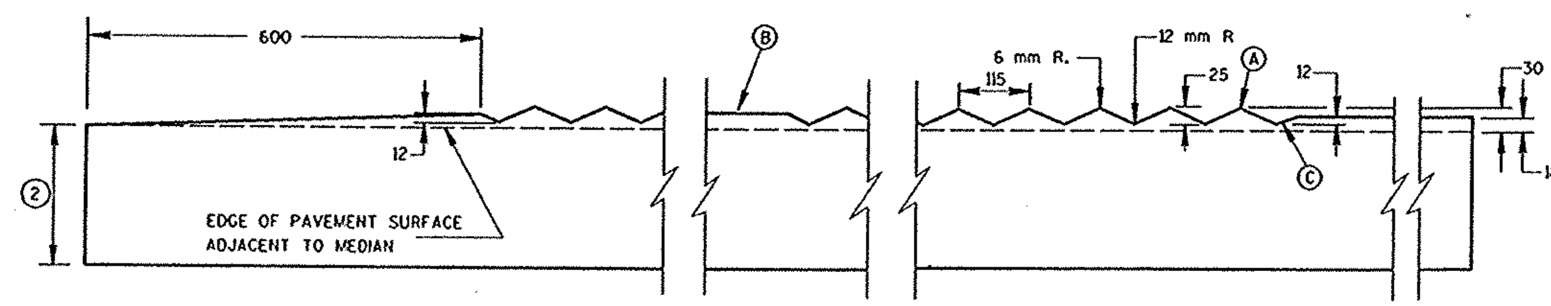
   PAVEMENT TIES REQUIRED IN EXISTING CONCRETE PAVEMENT OR CONCRETE BASE COURSE, PAVEMENT TIES SHALL BE NO. 19 X 300 mm SPACED AT 900 mm C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.
4. CONCRETE PAVEMENT TRANSVERSE CONTRACTION JOINTS SHALL BE CONSTRUCTED TO MATCH THE JOINTS IN ADJACENT CONCRETE PAVEMENT. WHERE ADJACENT PAVEMENT IS ASPHALT WITH CRUSHED AGGREGATE BASE, TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED AT 6 m INTERVALS.
5. SURFACE TYPE AND DETAILS ARE DEFINED ELSEWHERE IN THE PLAN.



HALF CROSS SECTION

2 CONCRETE CORRUGATED MEDIAN AND ADJACENT PAVEMENT

* 1EB'+073.4 - 1EB'+155



SECTION B-B

LONGITUDINAL SECTION

NOTE:

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

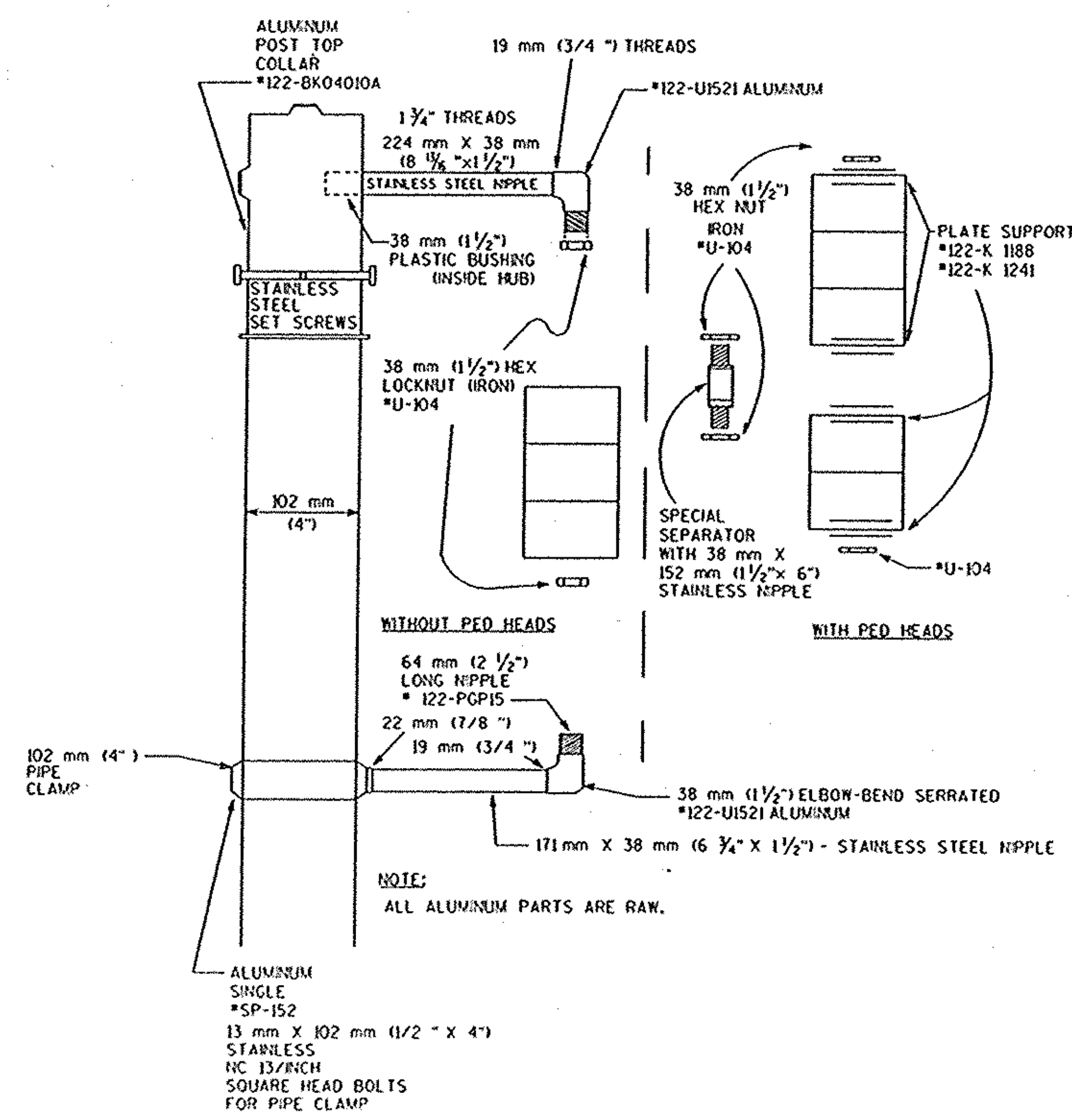
CONSTRUCTION DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

CITY OF APPLETON TYPICAL TRAFFIC SIGNAL POLE AND HARDWARE ITEM LIST
SINGLE TRAFFIC STANDARD

NUMBER	ITEM
203-00014	BASE, ALUM, SQ, NO PAINT, W/ALUM TAPCO DOOR PB-5334-01
373-13	PIPE, ALUM, SCHED 40, 6061-T6.13', 4.5 O.D. T.O.E.
SA-103A-1111YBB	SIGNAL, 3 SEC 12" POLY W/TUN WISDOT SPEC
122-BPD503AN	BACKPLATES-VERTICAL
122-BK04010A	COLLAR POST TOP BK040-10A PN# A31435 UNPAINTED
SP-152	CLAMP 4", POLE, SING HUB UJ-152 UNPAINTED
122-K1188	PLATE SUPRT 2" HOLE K-1188 SM-0225-FHWA YEL
122-K1241	PLAT SUPRT 2.8125 K-1241 SM-0226-FHWA YEL
122-U104	LOCKNUTS U-104 P/N# M30244
122-U1521	ELBOW 1 END SERRATED U-1521 FROM U1616 & U847 PN# M311
122-PGP15	NIPPLE - 1½" PGP-15 PN#380200
122-U-1616	RING, SERRATED U-1616 WHITE NYLON PN# M20466
SP-810526	SERRATED RING - ALUM-A-810526
122-EJ3	PEDESTRIAN PUSHBUTTON PED. E13 WITH MUSHROOM CAP.
SA-302B-1212YBB	SIGNAL, 2 SEC 12" PED SYMBOLS W/CUTAWAY VISORS

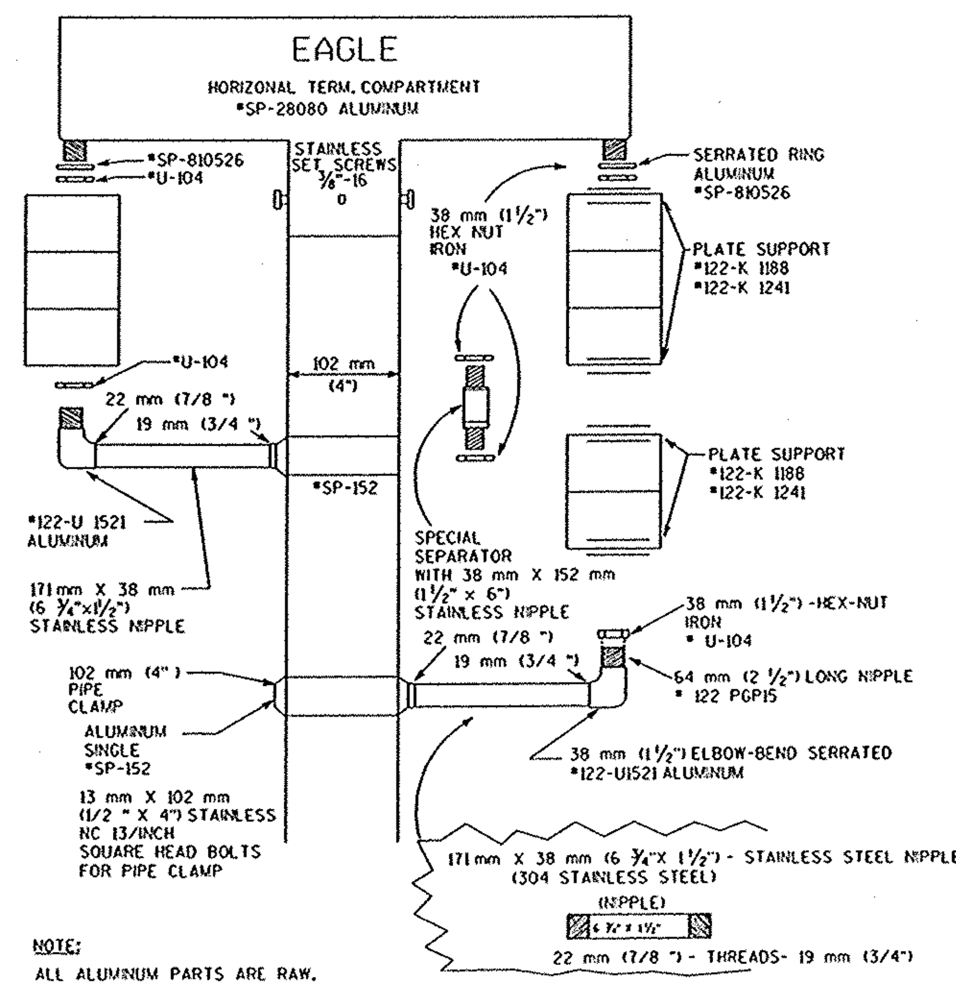
CITY OF APPLETON TYPICAL TRAFFIC SIGNAL POLE AND HARDWARE ITEM LIST
DOUBLE TRAFFIC STANDARD

NUMBER	ITEM
203-00014	BASE, ALUM, SQ, NO PAINT, W/ALUM TAPCO DOOR PB-5334-01
373-13	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 13 FEET
SA-103A-1111YBB	TRAFFIC SIGNAL FACES, 3-12 VERTICAL WITH TUNNEL
122-BPD503AN	BACKPLATES - VERTICAL
SP-28080	COMP TERM HORIZ BK280-20A UNPAINTED
SP-152	CLAMP 4", POLE, SING HUB UJ-152 UNPAINTED
122-K1188	PLATE SUPRT 2" HOLE K-1188 SM-0225-FHWA YEL.
122-K1241	PLATE SUPRT 2.8125 K-1241 SM-0226-FHWA YEL
122-U104	LOCKNUTS U-104 P/N# M30244
122-U1521	ELBOW 1 END SERRATED U-1521 FROM U1616 & U847 PN# M311
122-PGP15	NIPPLE - 1½" PGP-15 PN#380200
122-U-1616	RING, SERRATED U-1616 WHITE NYLON PN# M20466
SP-810526	SERRATED RING - ALUM-A-810526
122-EJ3	PEDESTRIAN PUSHBUTTON PED. E13 WITH MUSHROOM CAP.
SA-302B-1111YBB	PEDESTRIAN SIGNAL FACES, 12 INCH, CUT AWAY SYMBOL



TRAFFIC STANDARD (SINGLE)

CITY OF APPLETON
TRAFFIC DIVISION
DEPARTMENT OF PUBLIC WORKS



TRAFFIC STANDARD (DOUBLE)

CITY OF APPLETON
TRAFFIC DIVISION
DEPARTMENT OF PUBLIC WORKS

TRAFFIC SIGNAL MOUNTING HARDWARE

CONSTRUCTION DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /DET05 .20G TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
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FILE NAME: E1339A98/SHEETS /PLAN /P001 .DCN TECH/ENGR: DPP/SDC PLOT DATE: 04/ /99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
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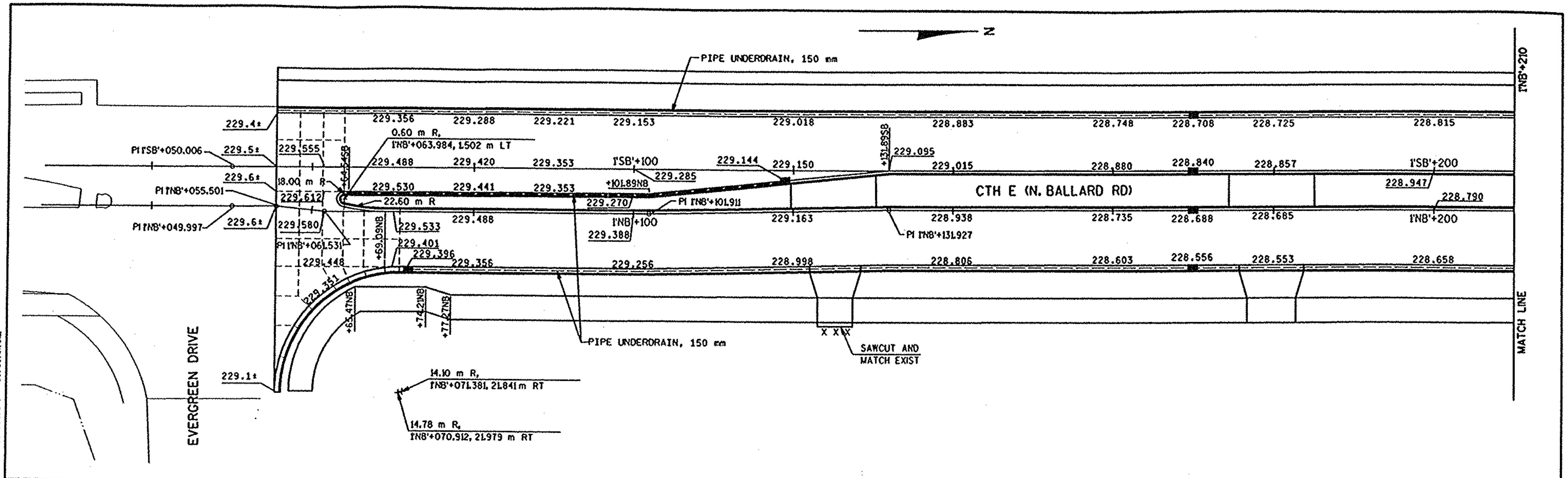
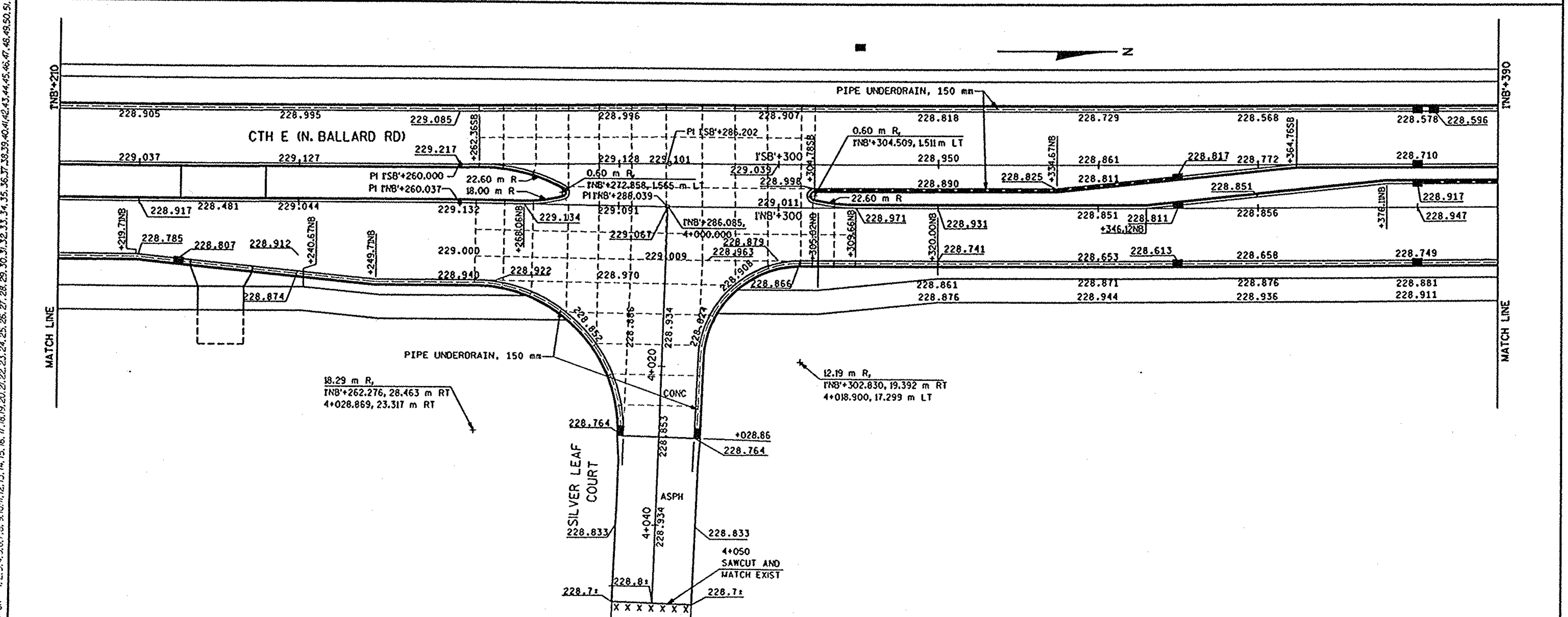
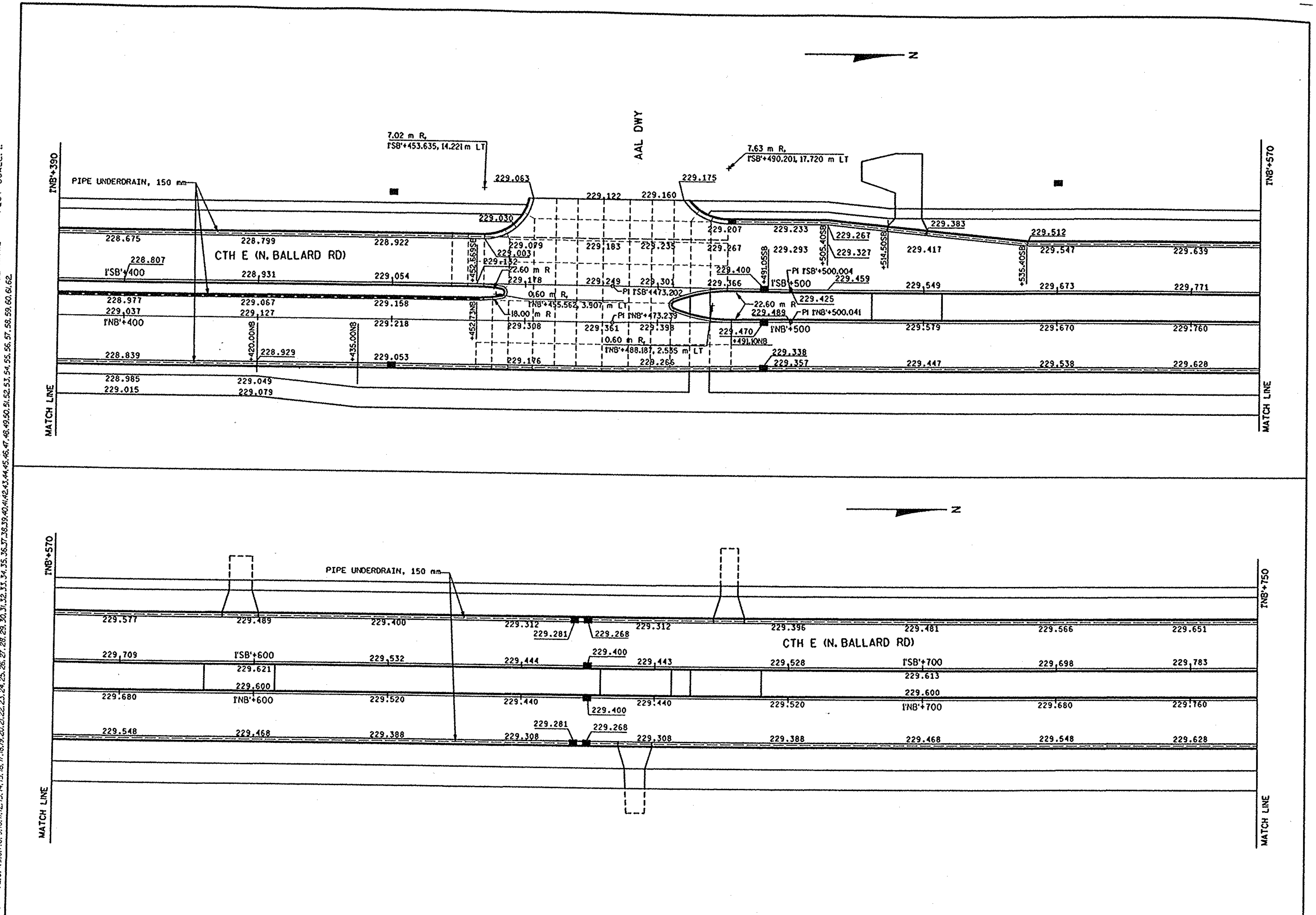




PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40



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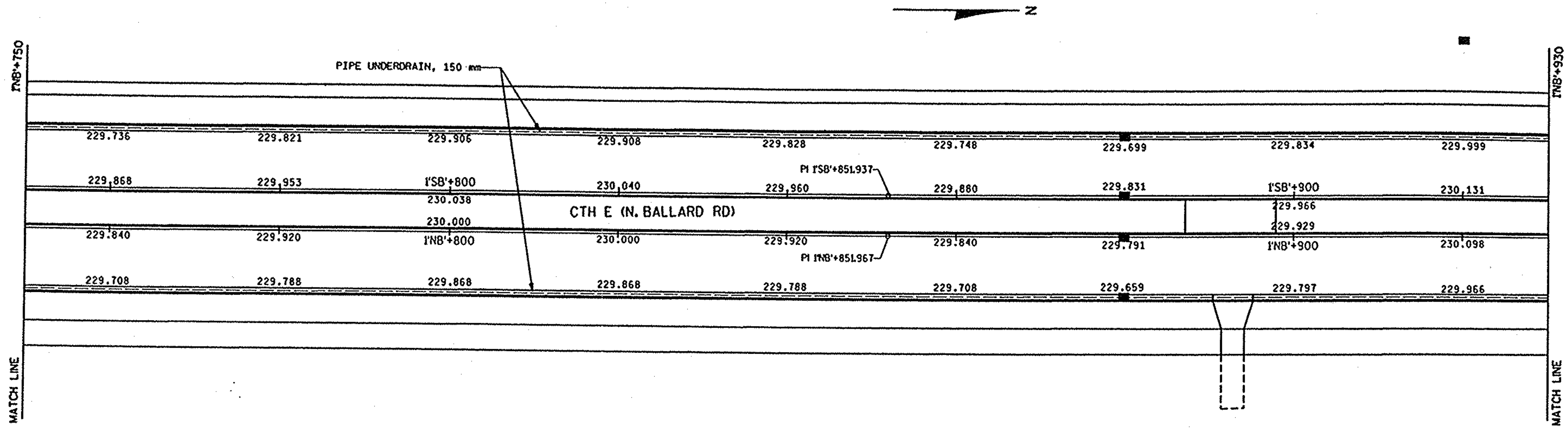
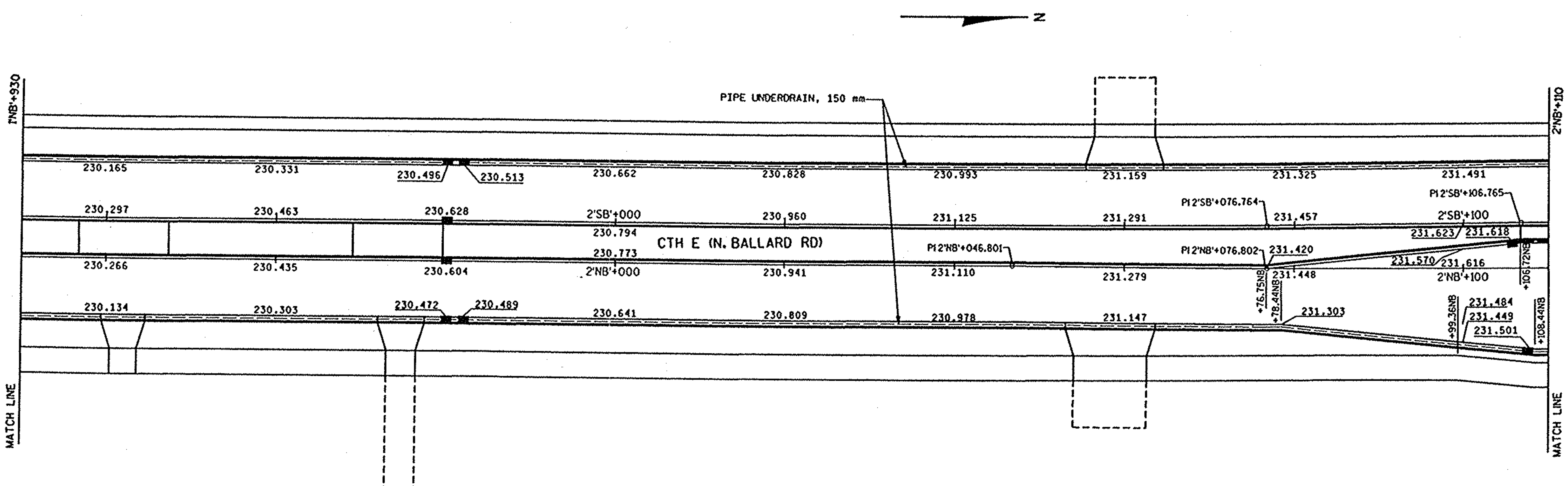
REV. DATE: / /

PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40





FILE NAME: E1339A98/SHEETS /PLAN /PD03 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 04/ /99 PLOT SCALE: ::

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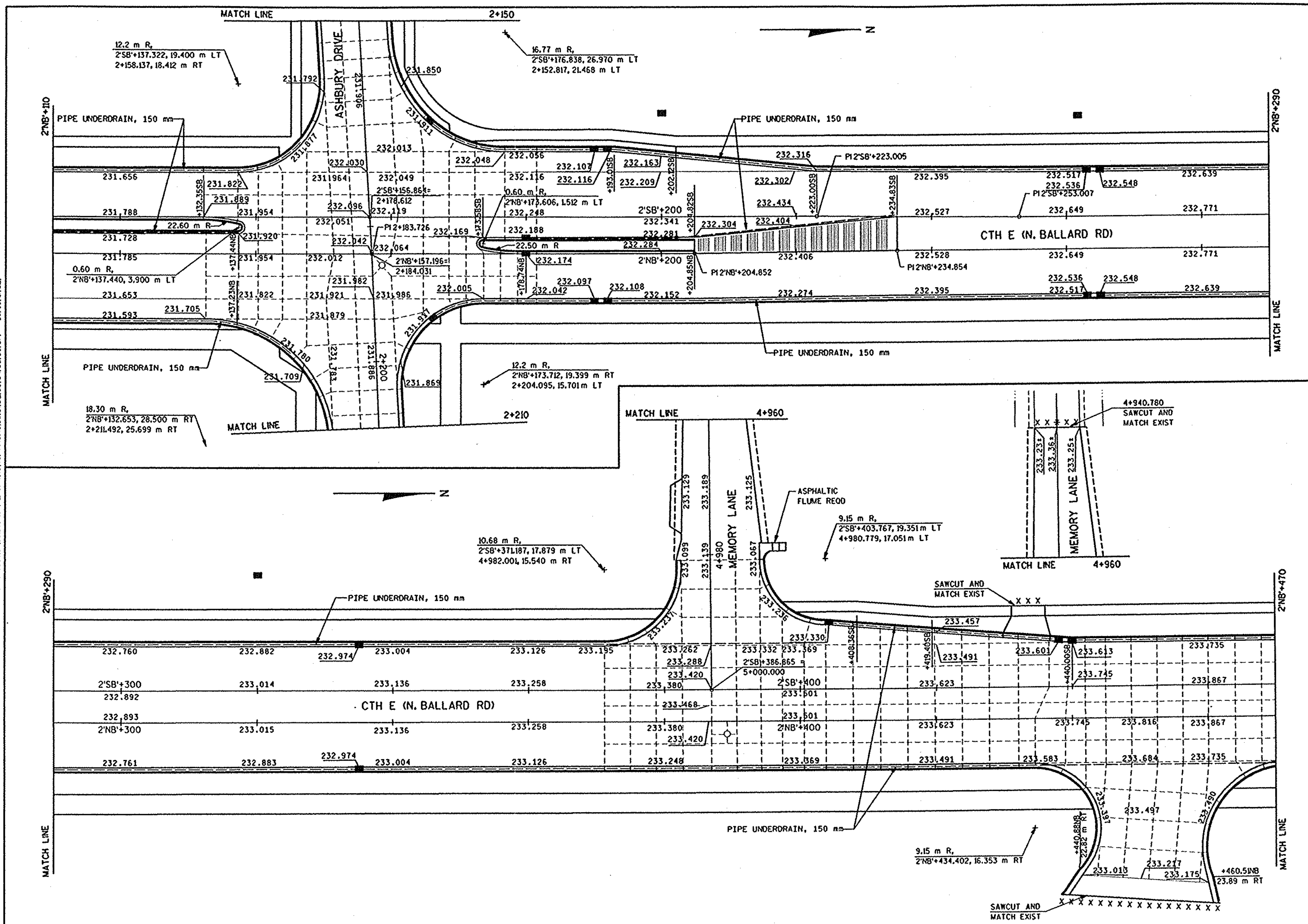
PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PD04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 04/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00



PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /P005 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 04/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1
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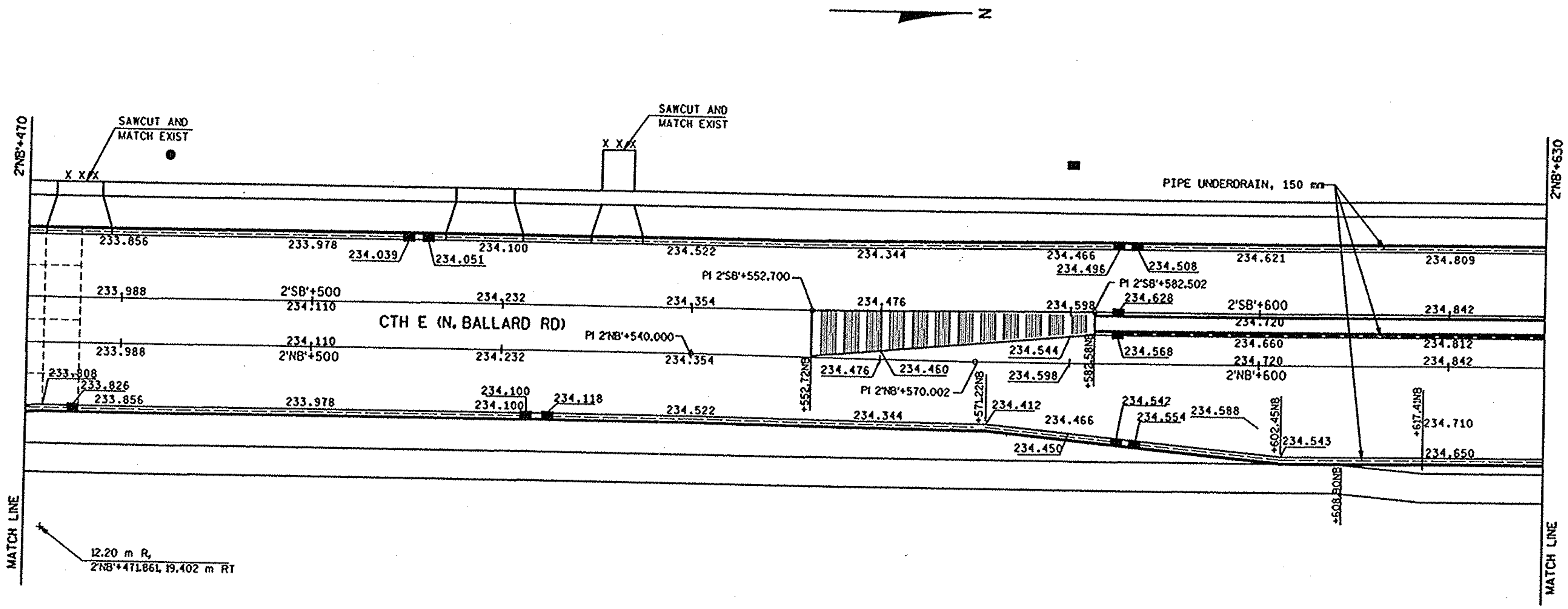
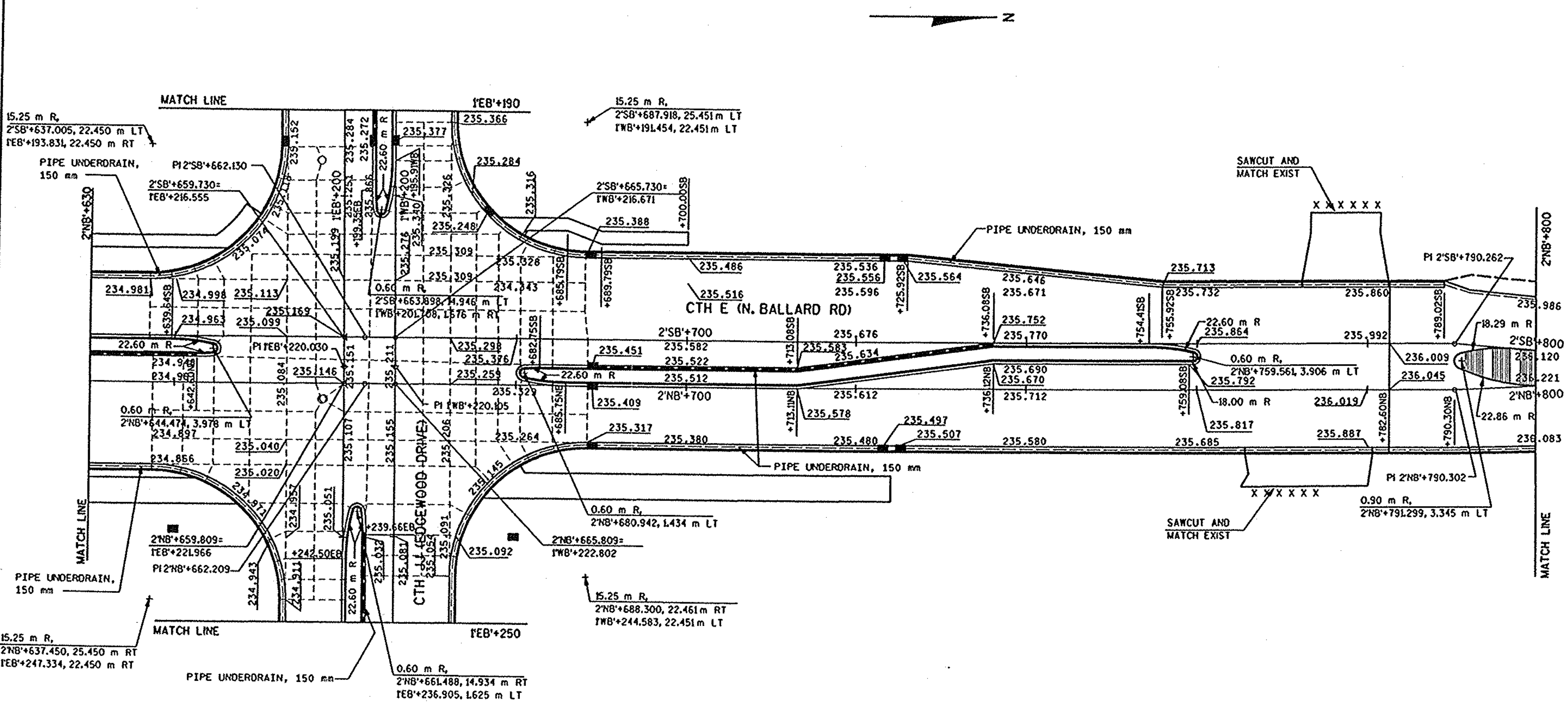


PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WISDOT: MSHT40



FILE NAME: E1339A98/SHEETS /PLAN /P006 .DGN PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

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PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PDOT .DGN TECH/ENGR: DPP/SDC PLOT DATE: 04/ /99 PLOT SCALE: 1:
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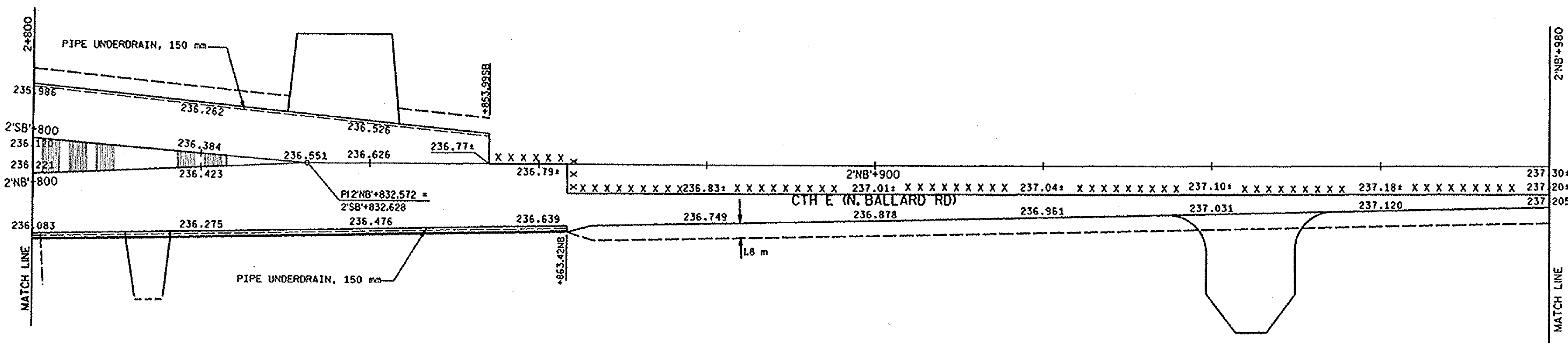
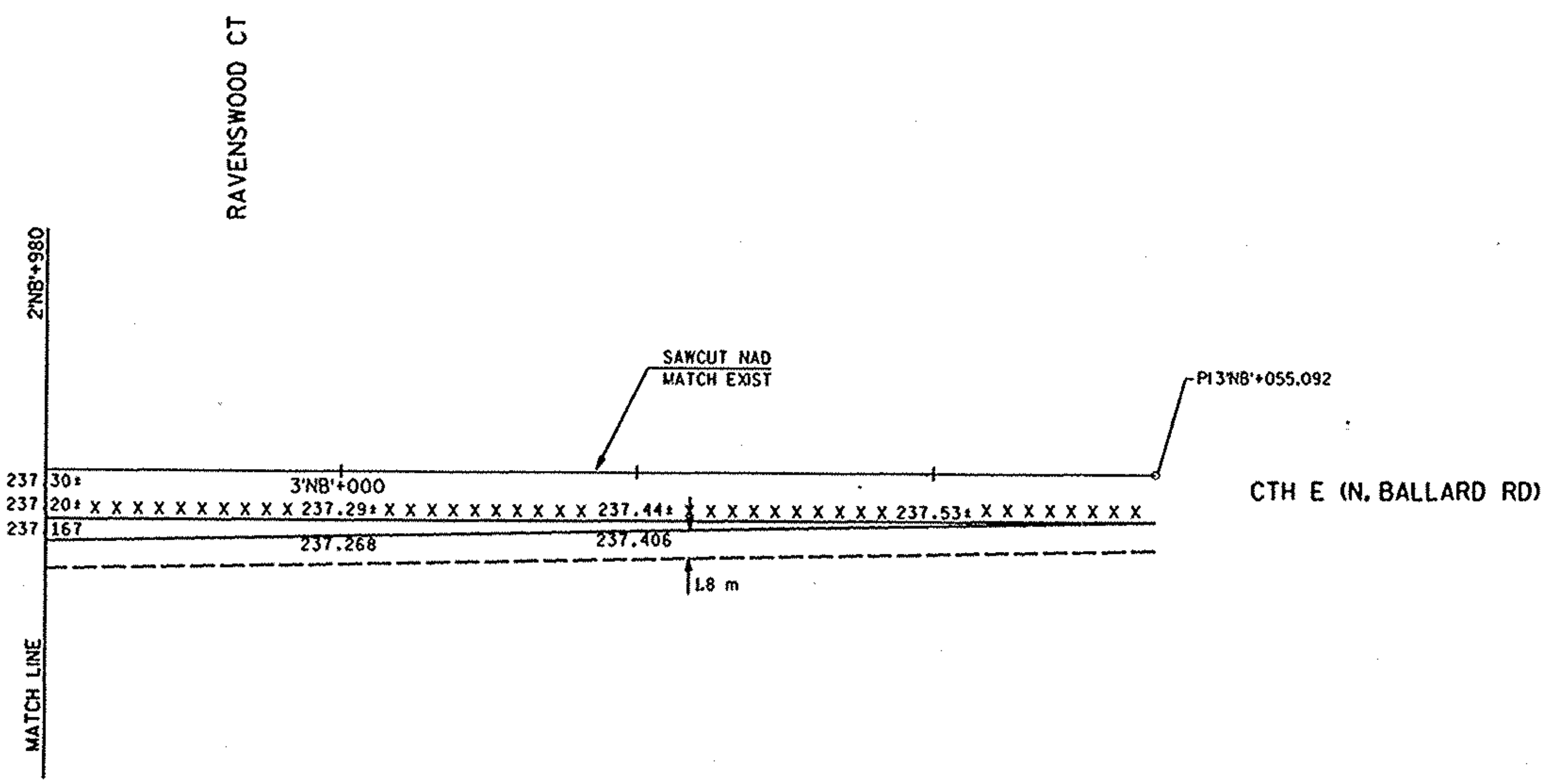
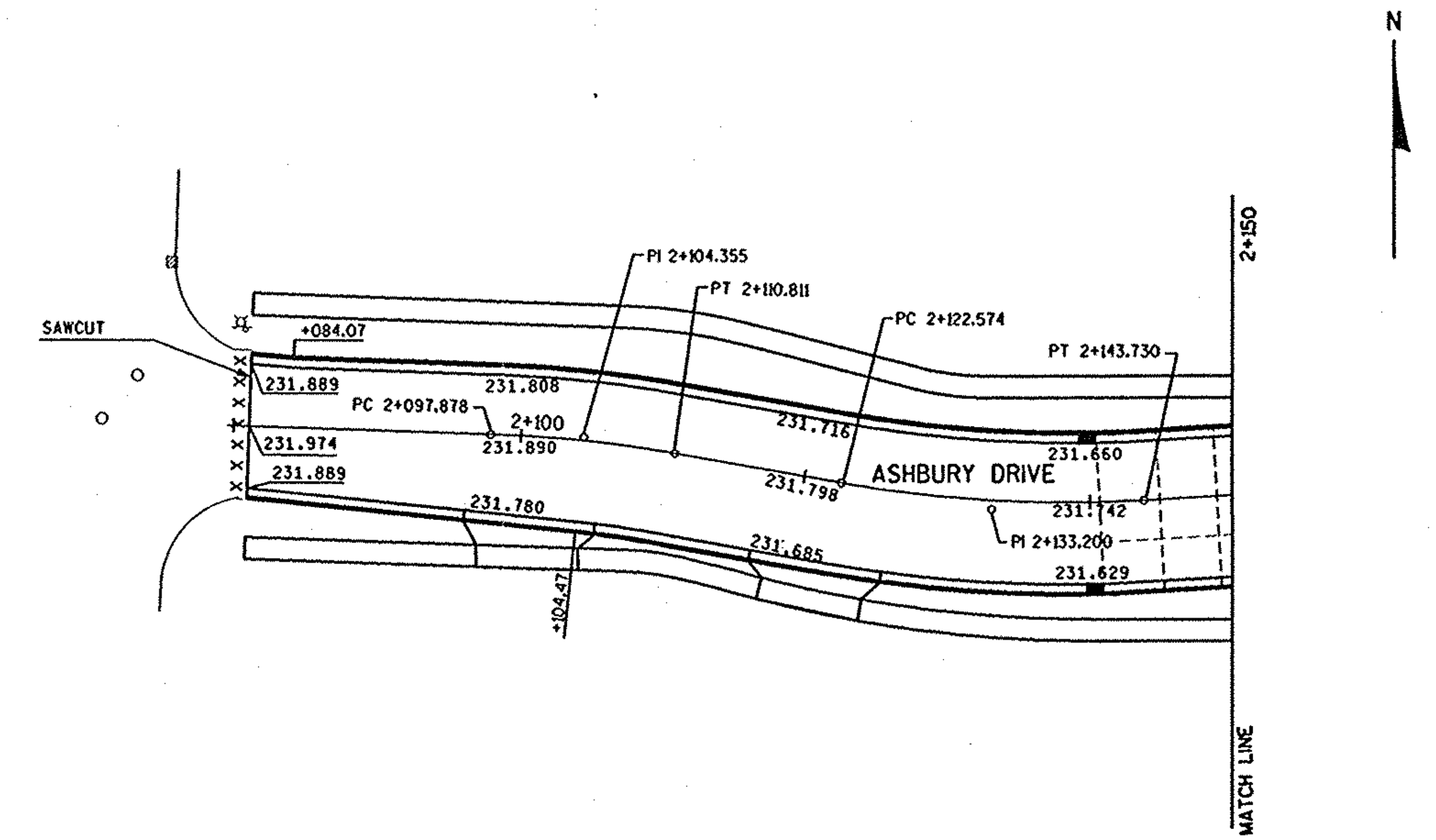
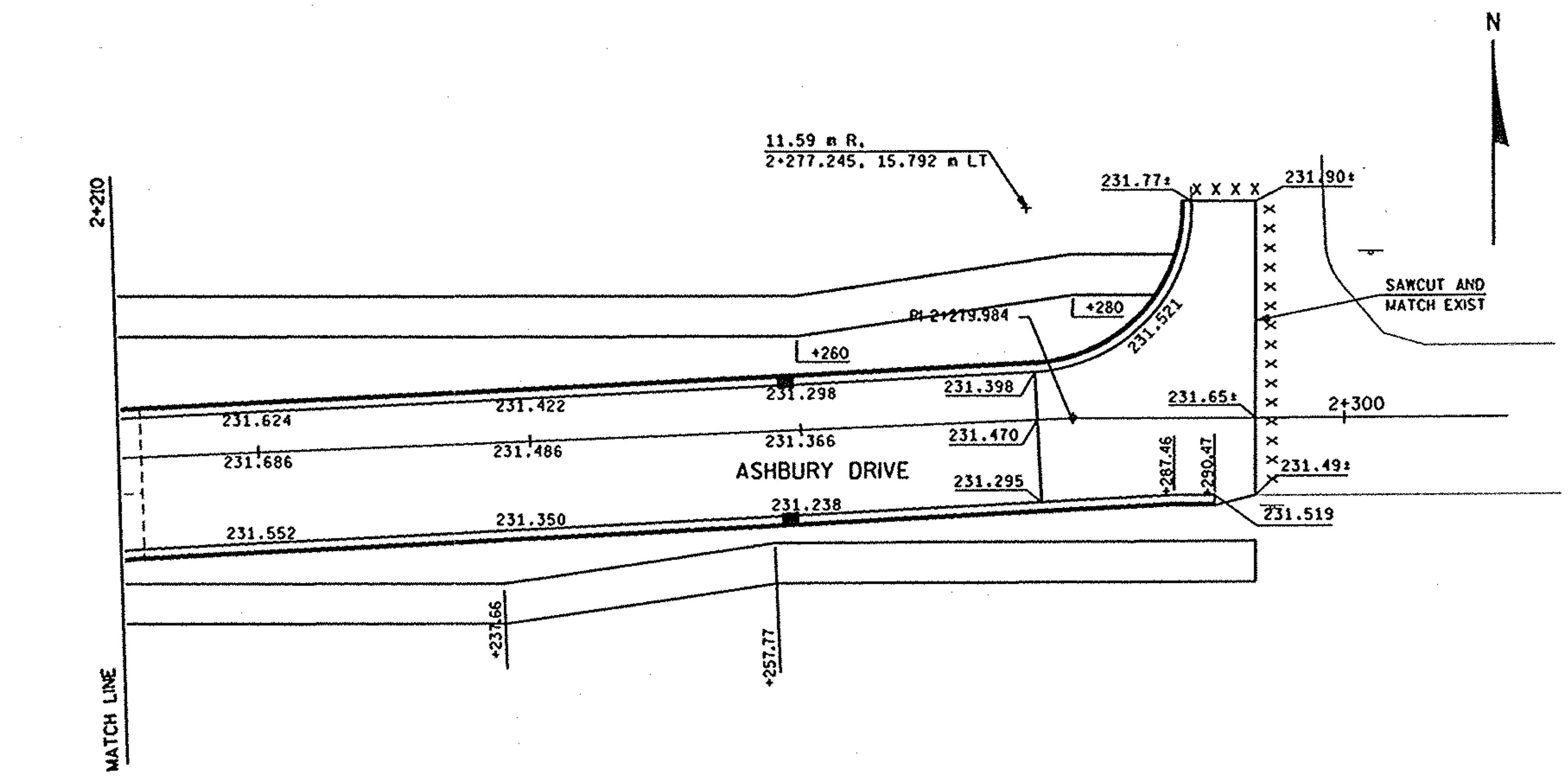




PAVING DETAILS FOR CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WISDOT: MSHT40





FILE NAME: E1339A98/SHEETS /PLAN /PD04A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/26/98 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
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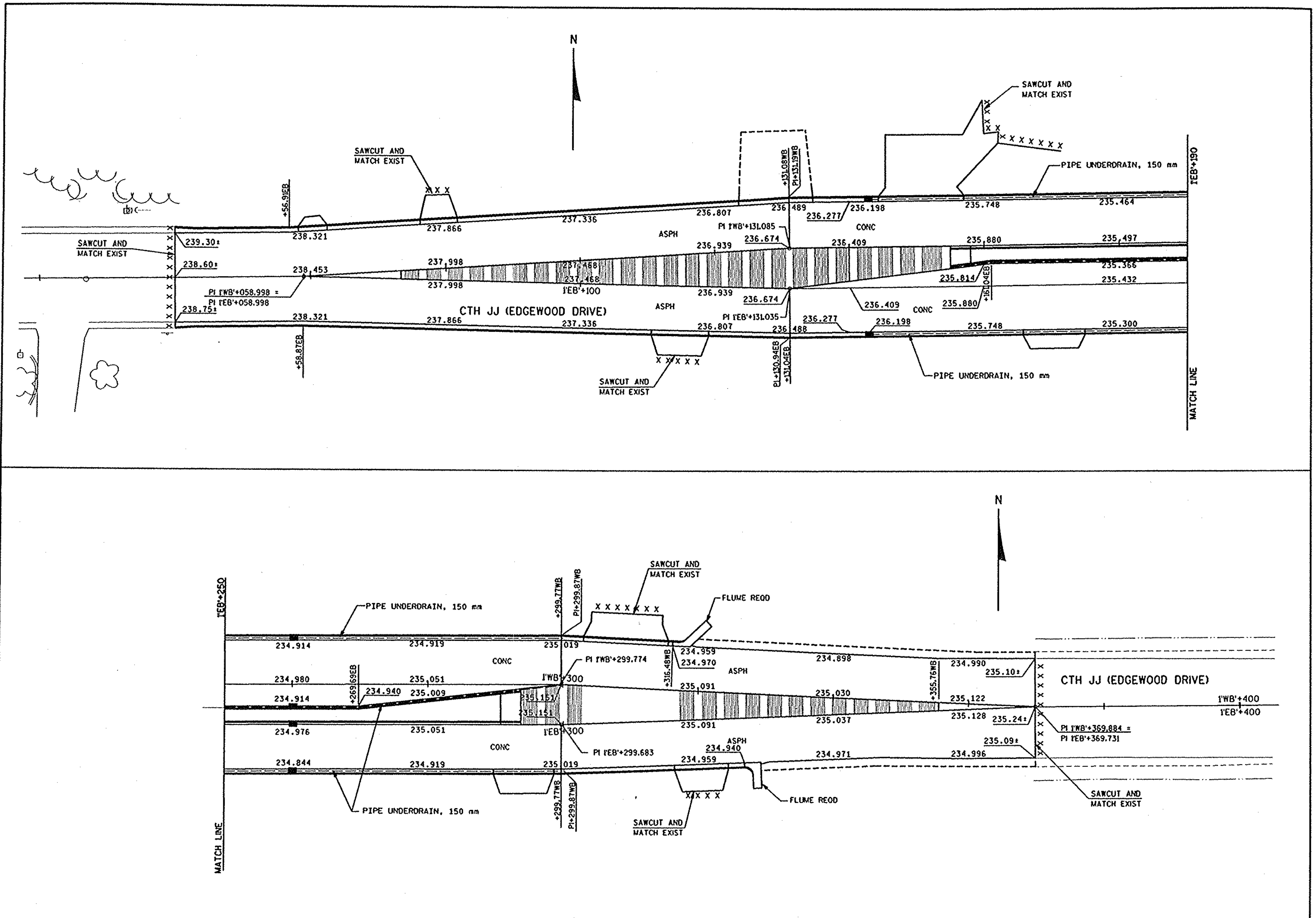
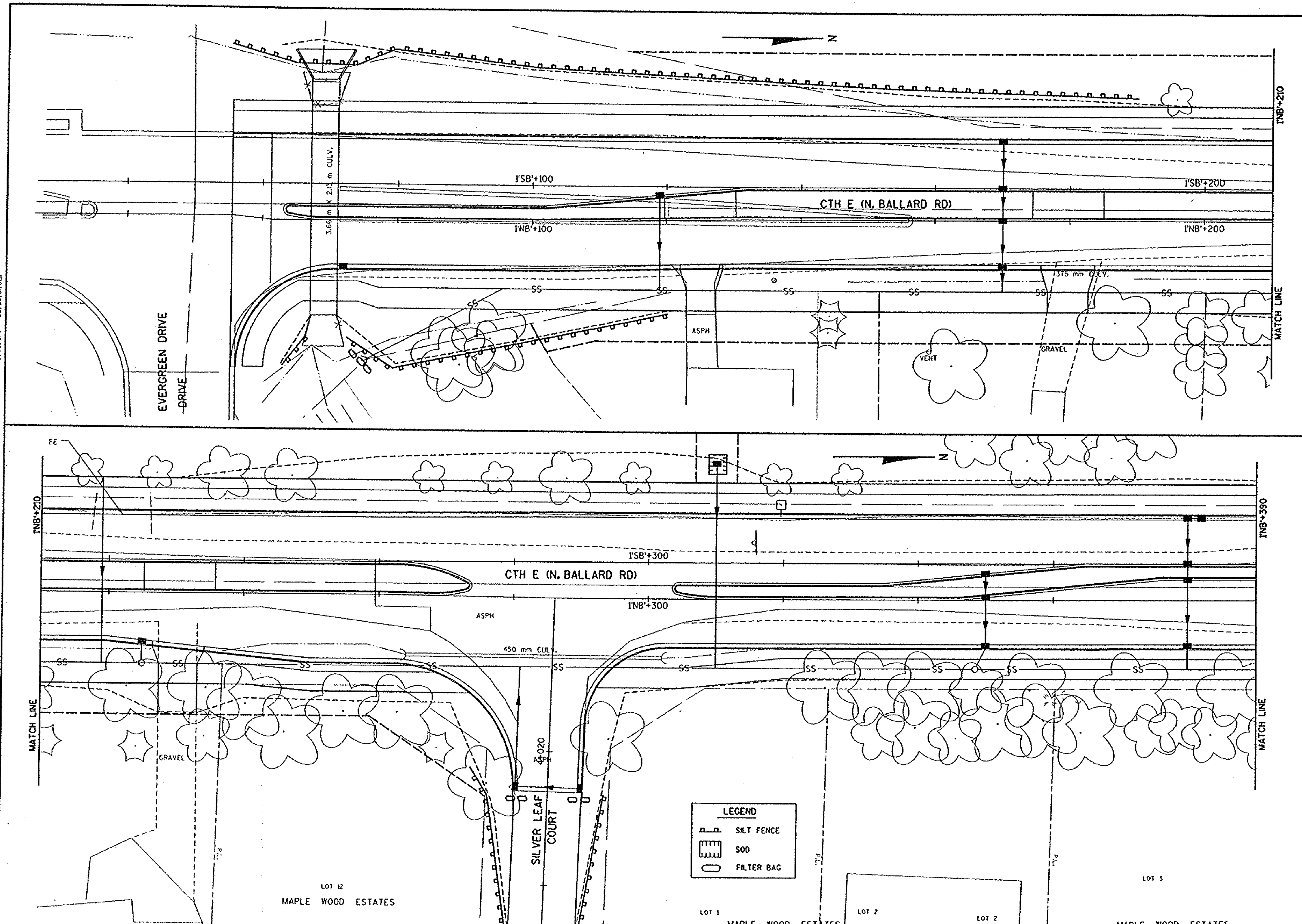
PAVING DETAILS FOR ASHBURY DRIVE	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M



PAVING DETAILS FOR CTH JJ (EDGEWOOD DRIVE)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M



EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: ..E1339A98/SHEETS /PLAN /ECO1 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME
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FILE NAME: E1339A98/SHEETS /PLAN /EC02 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99 PLOT SCALE: 1:
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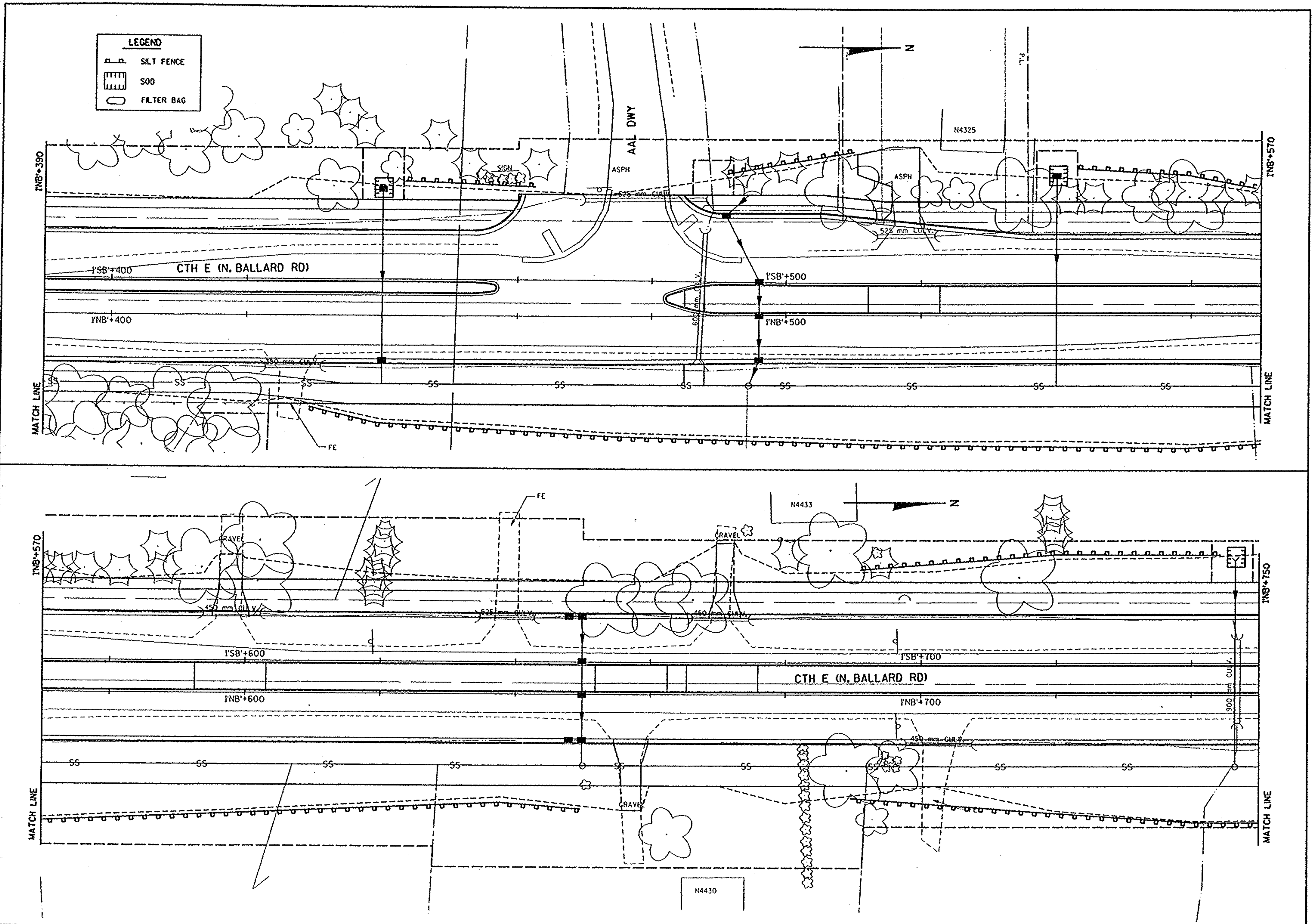
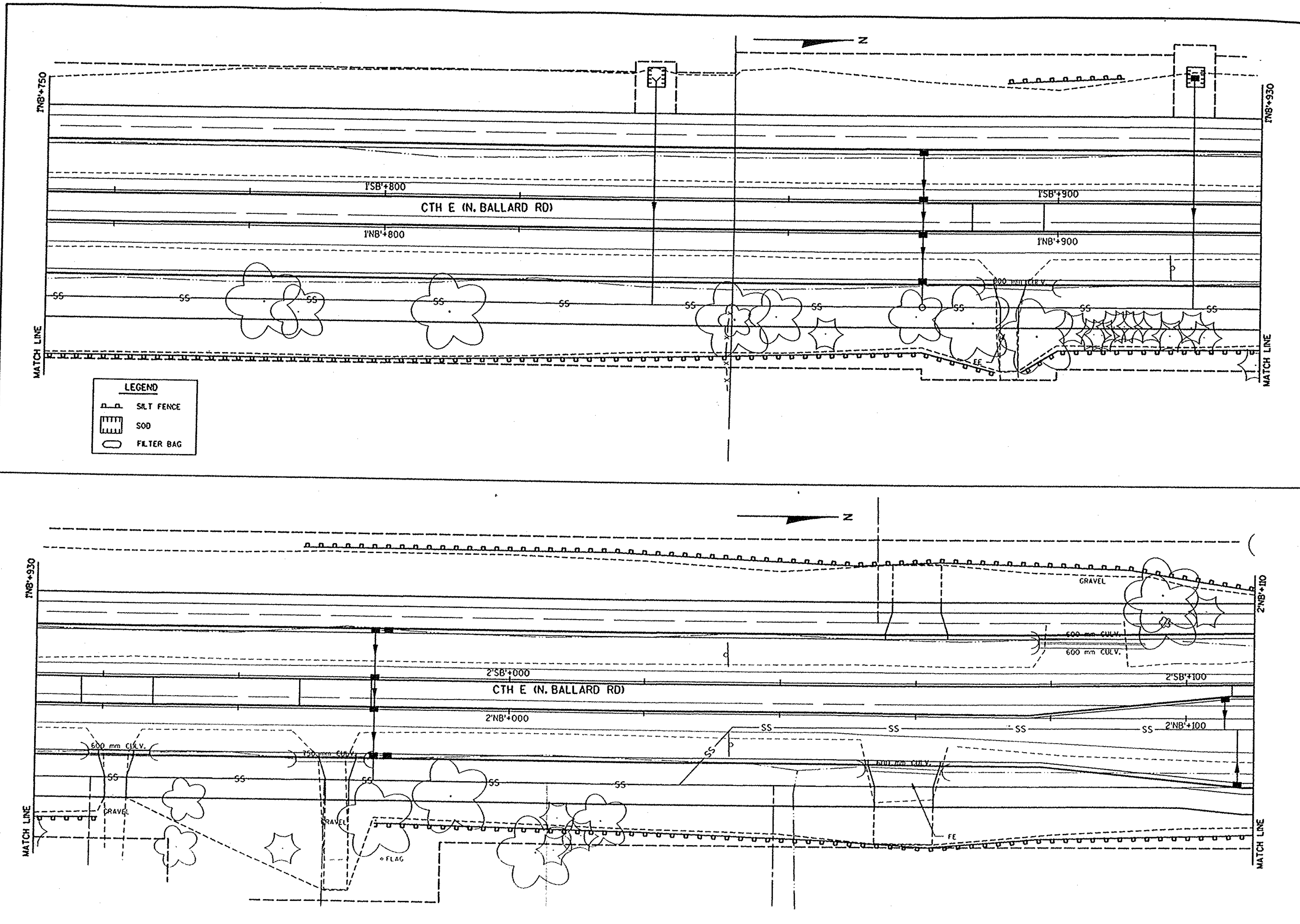


EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

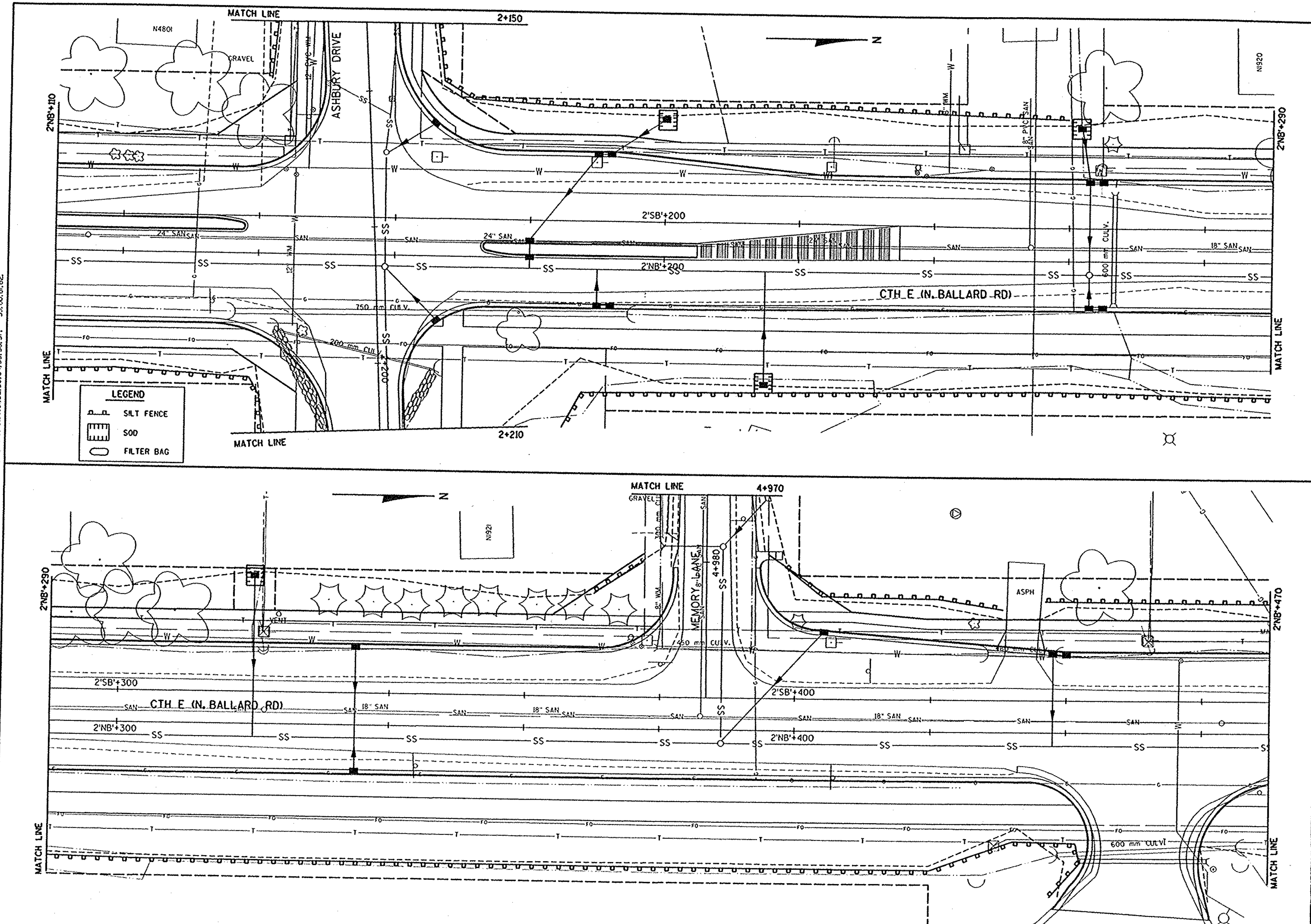
WISDOT: MSHT40



EROSION CONTROL | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-97 | SHEET NO: . | M

WISDOT: MSHT40

FILE NAME: E1339498/SHEETS /PLAN /EC03 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62



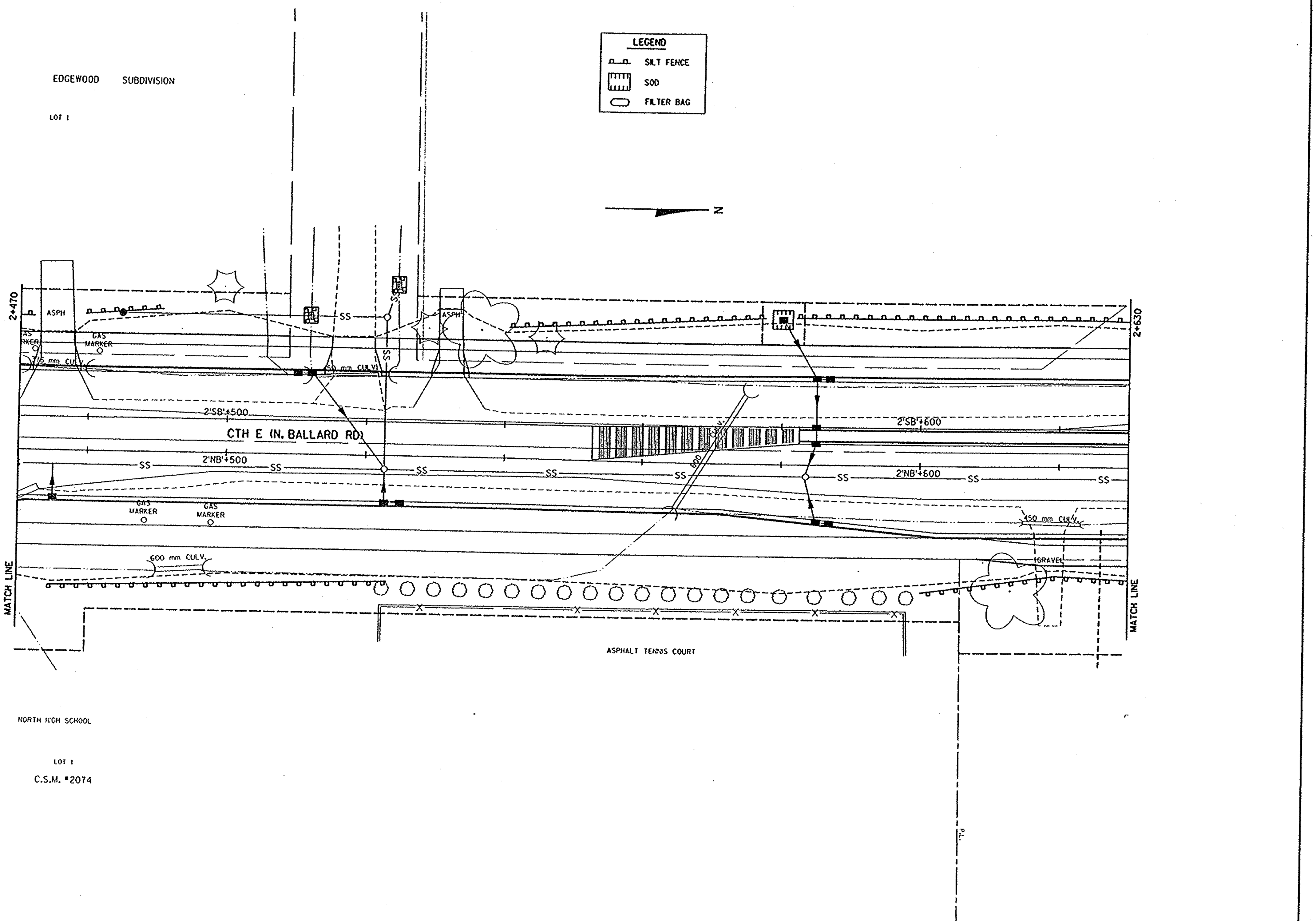
FILE NAME: E1339A98/SHEETS /PLAN /EC04 .DGN TECH/ENGR: DPP/SOC PLOT DATE: 06/06/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

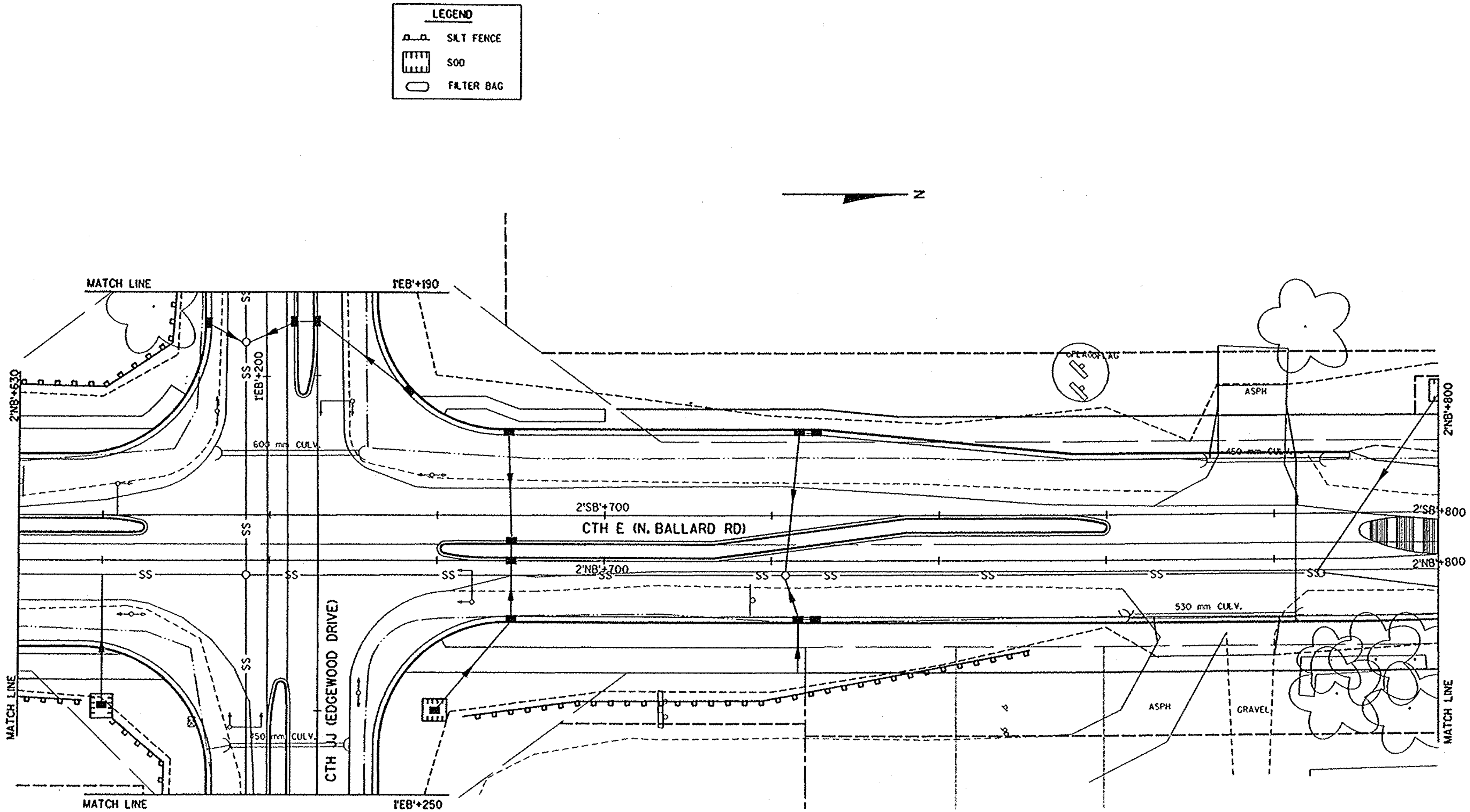


FILE NAME: E1339498/SHEETS /PLAN /ECOS .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT NAME: SEE FILE NAME PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WISDOT: MSHT40

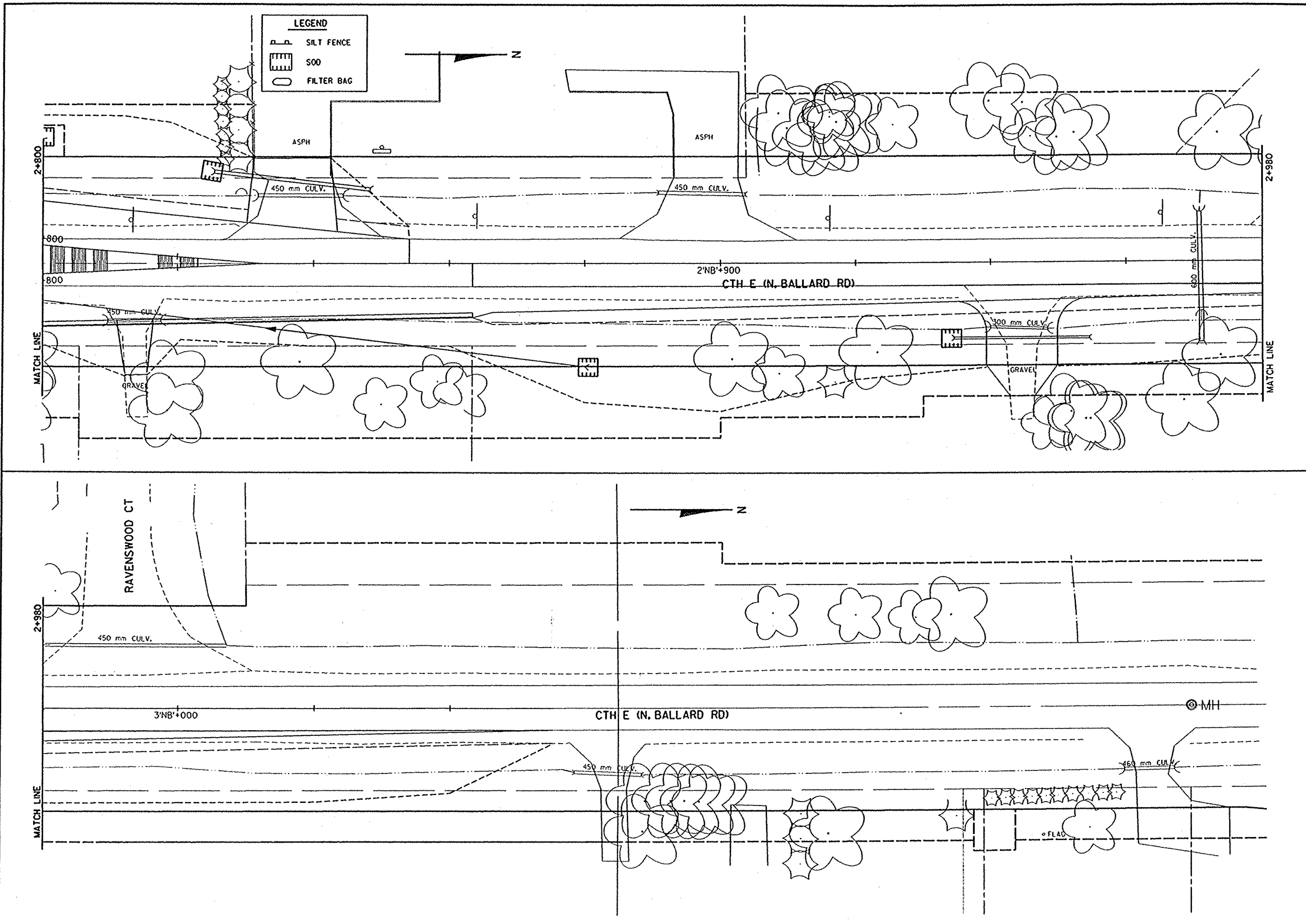
FILE NAME: E1339A98/SHEETS /PLAN /EC06 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OWNN ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62



EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

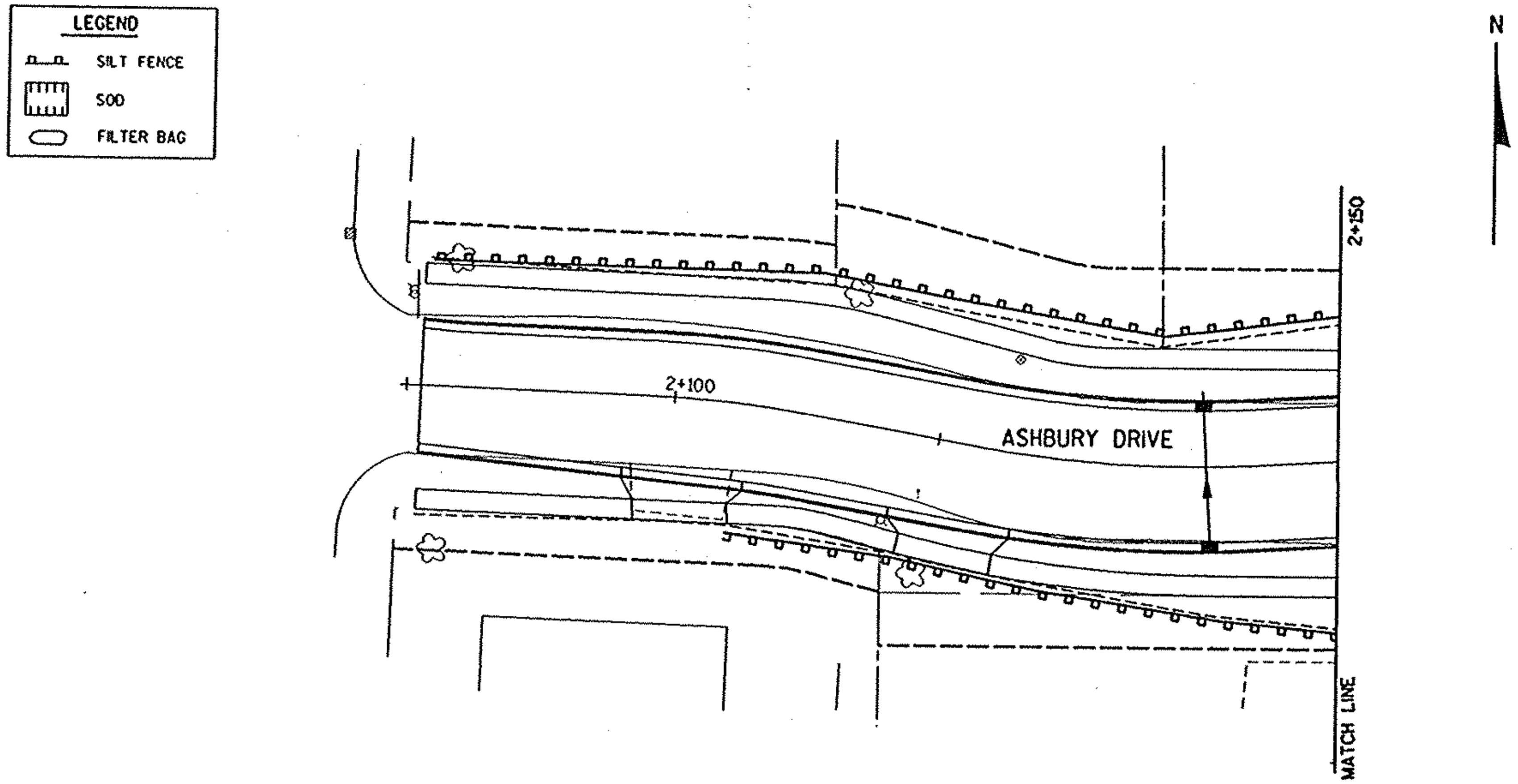
FILE NAME: E1339A98/SHEETS /PLAN /EC07 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

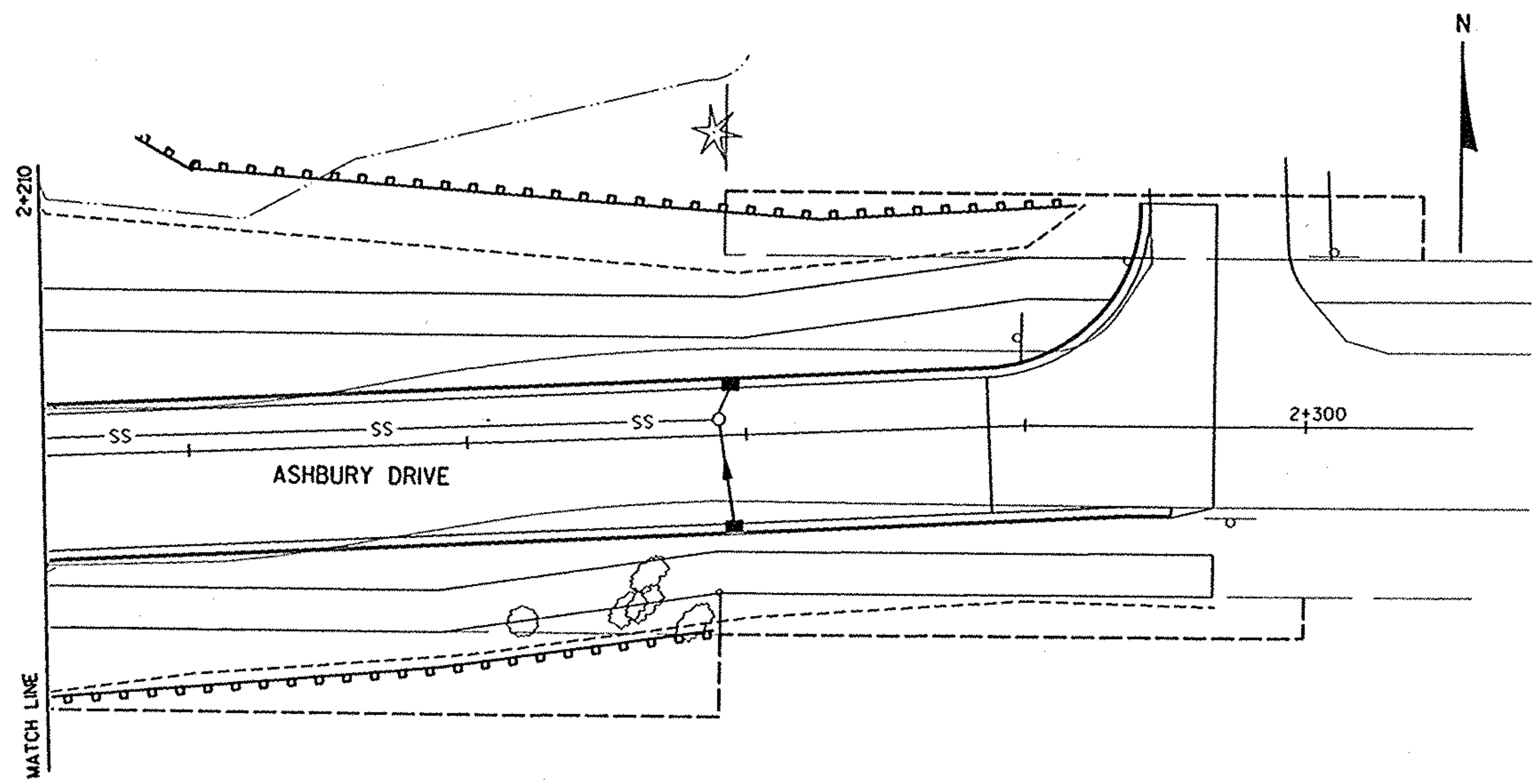


EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /EC04A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

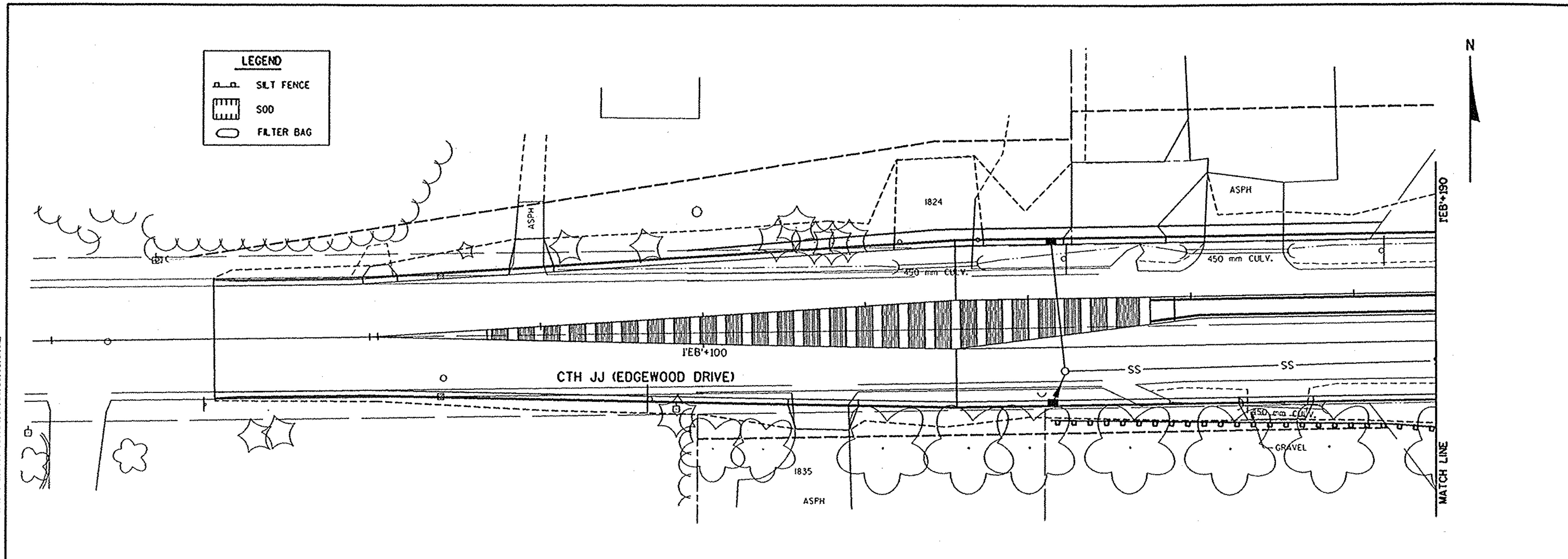


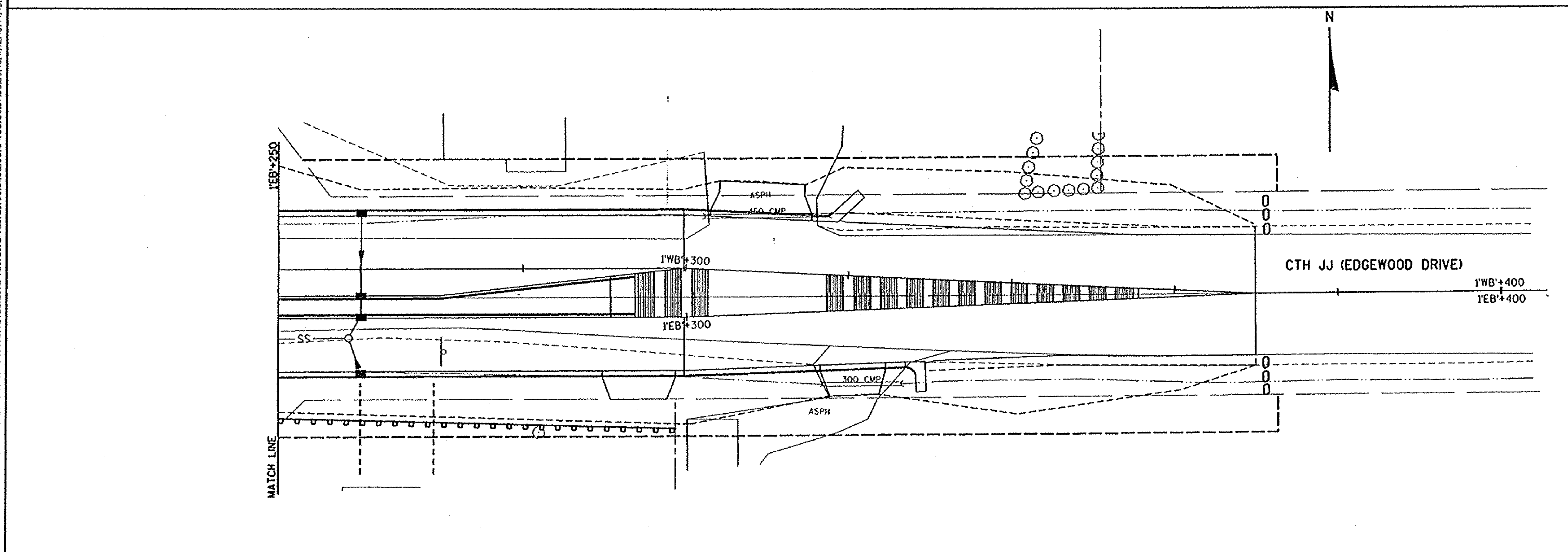


EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /EC06A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

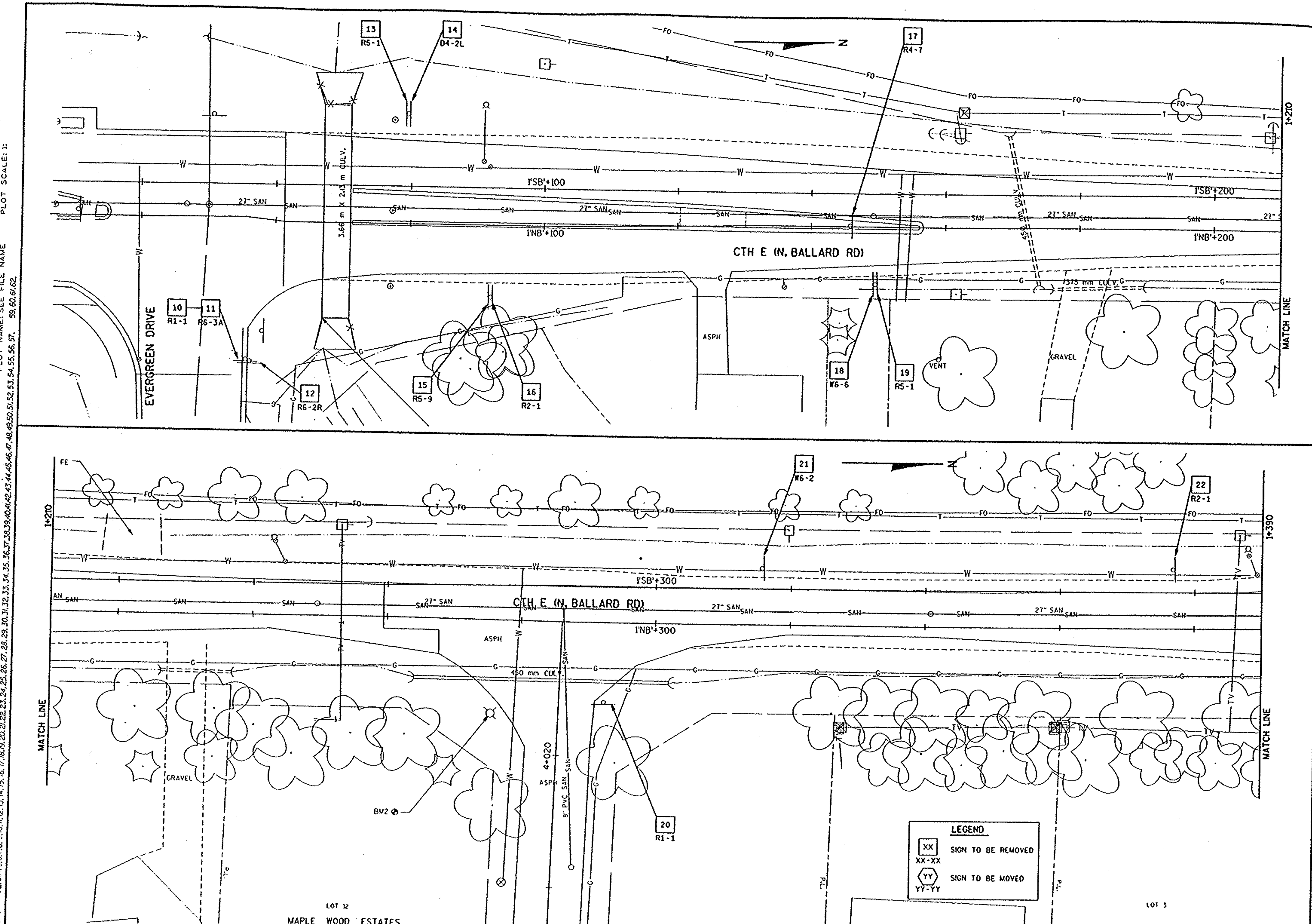




EROSION CONTROL	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

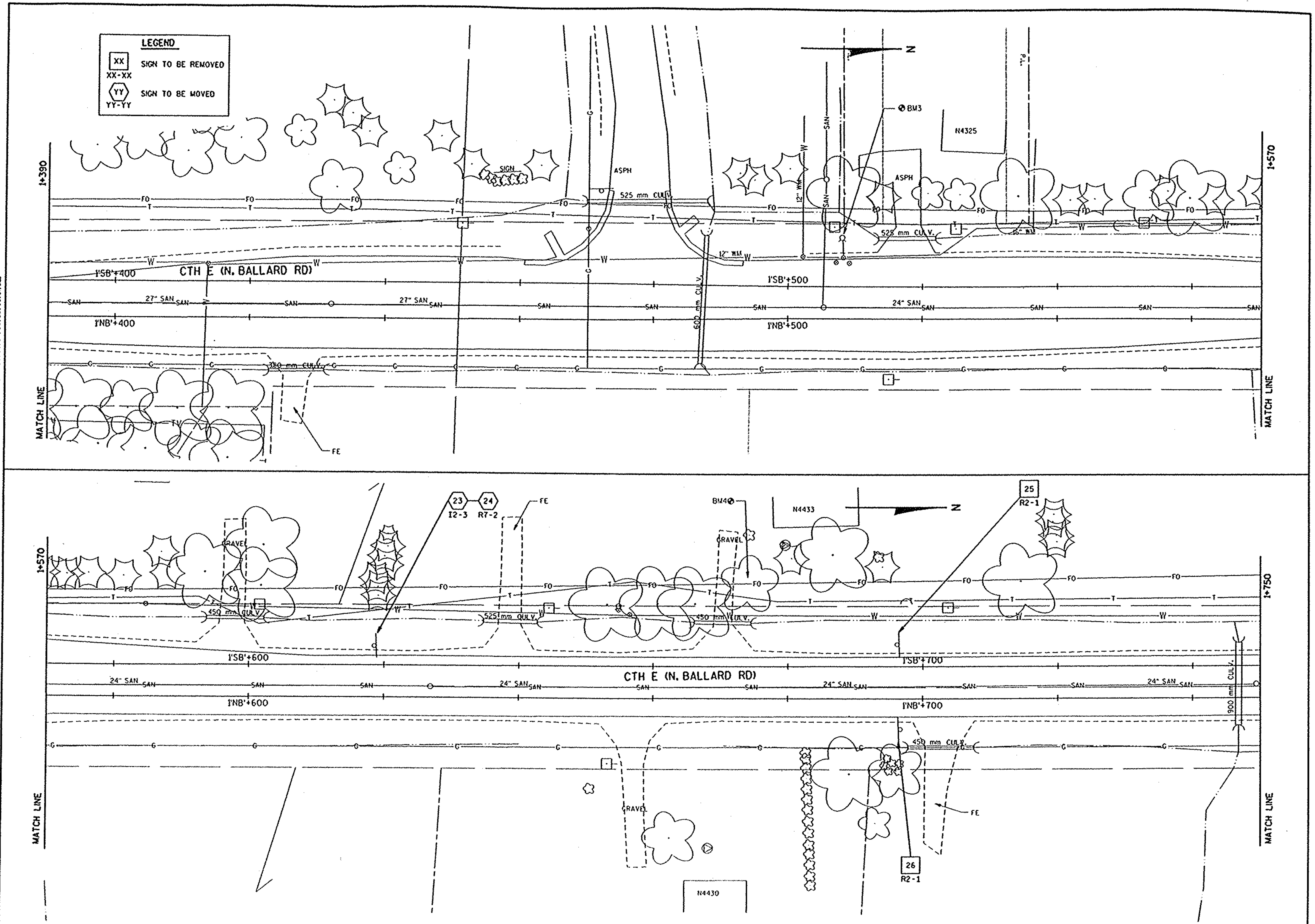
WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PS01 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: ONNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62



MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: . M

WISDOT: MSHT40



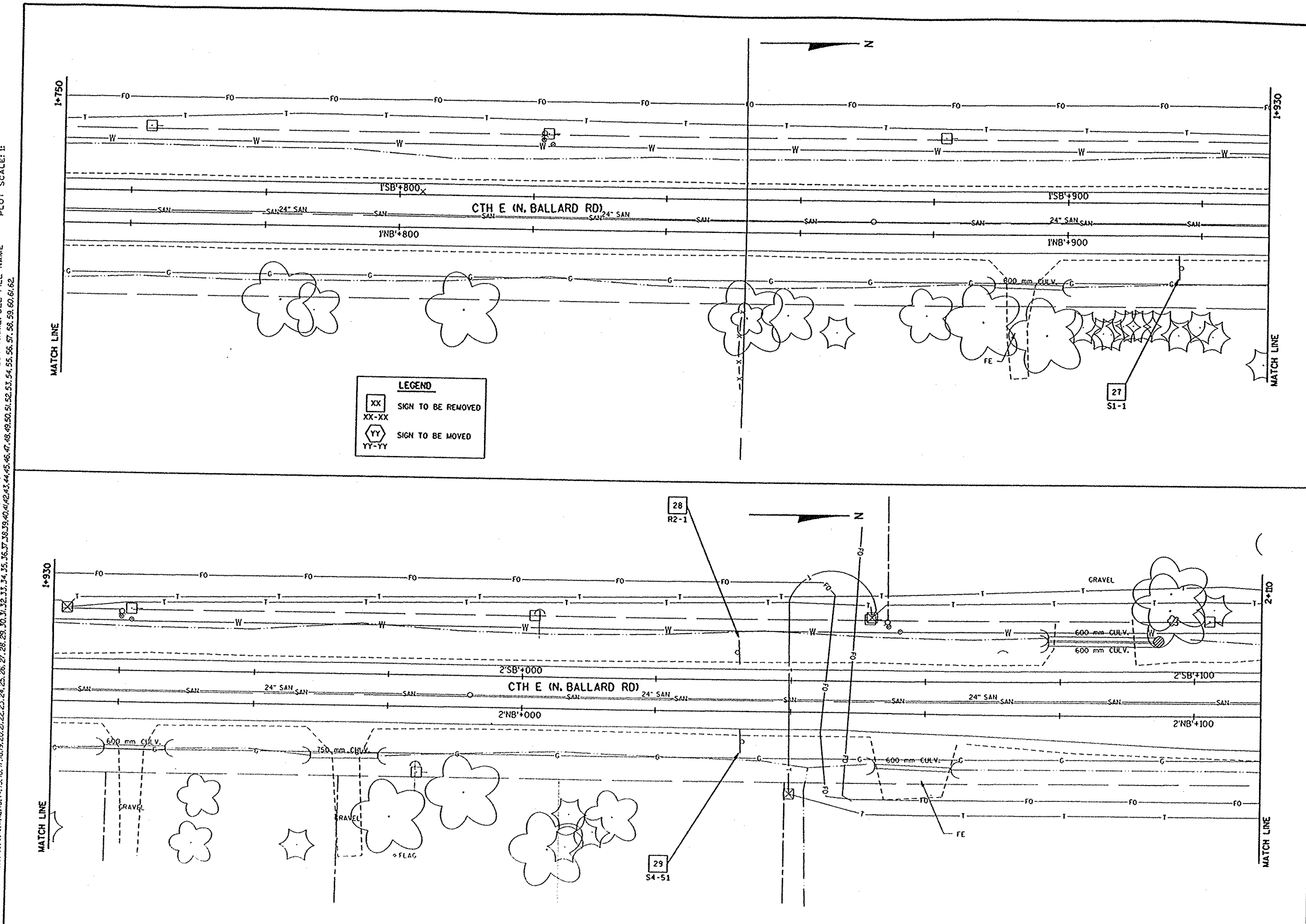
MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PS02 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62



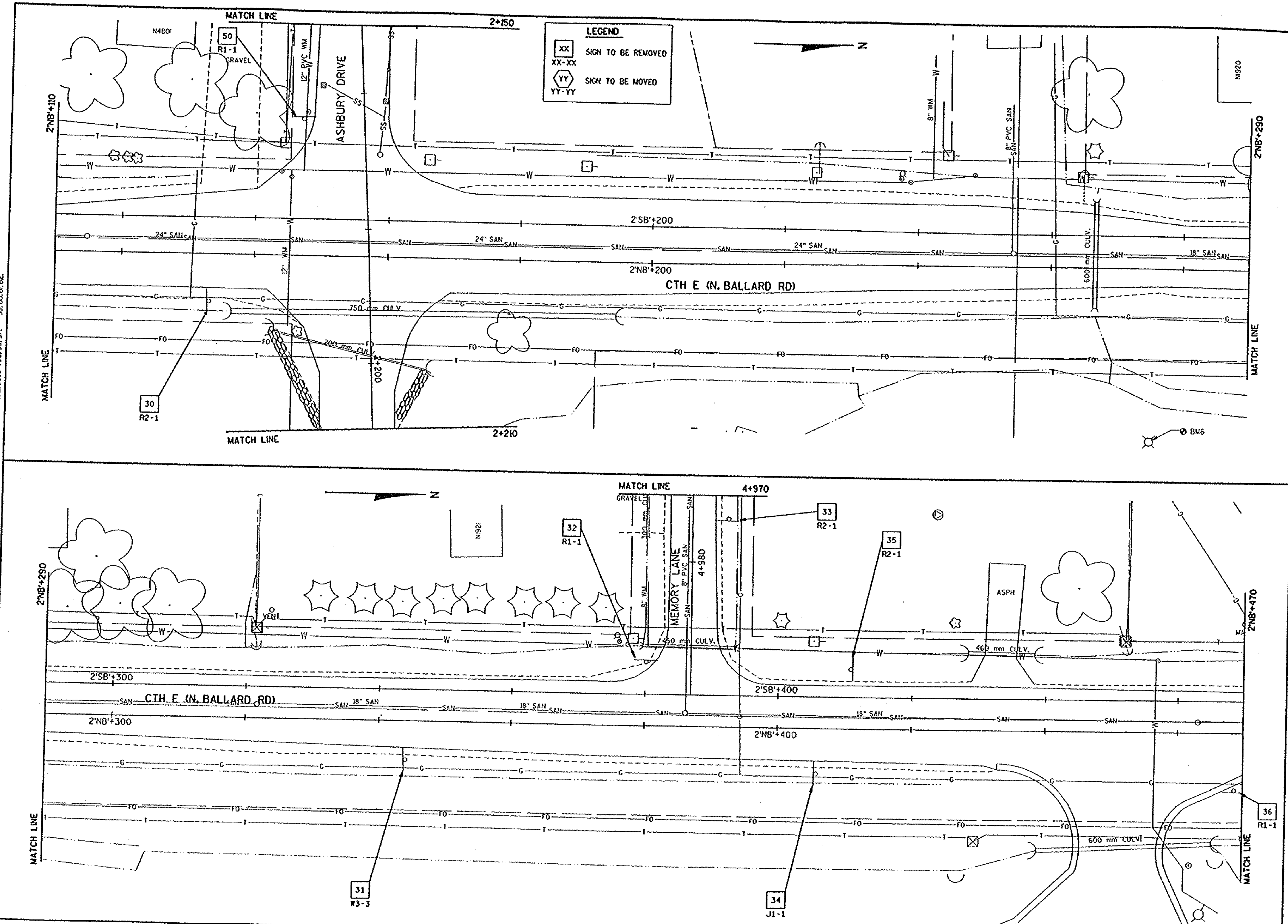
FILE NAME: E1339A98/SHEETS /PLAN /PS03 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40

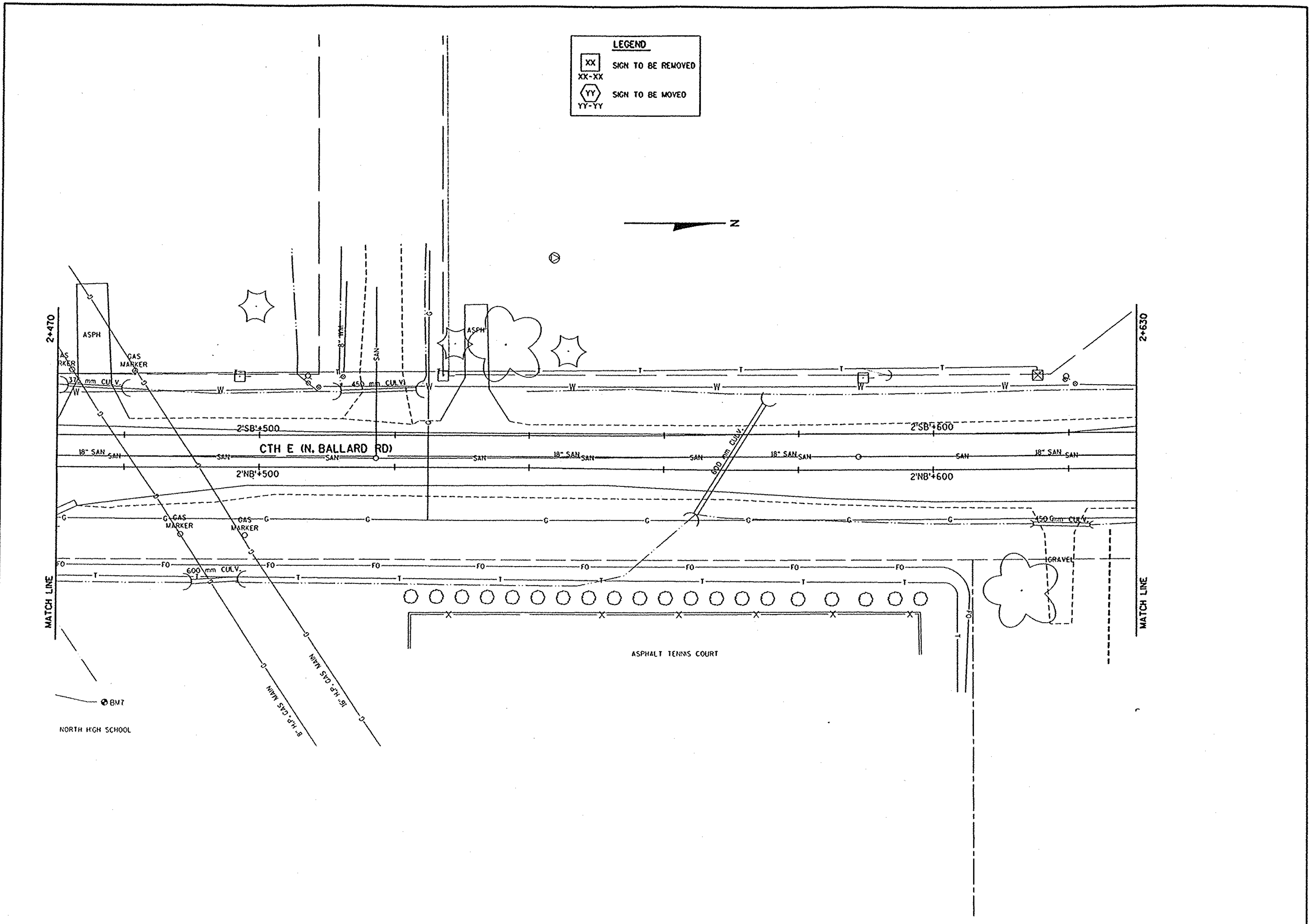


FILE NAME: E1339A98/SHEETS /PLAN /PS04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

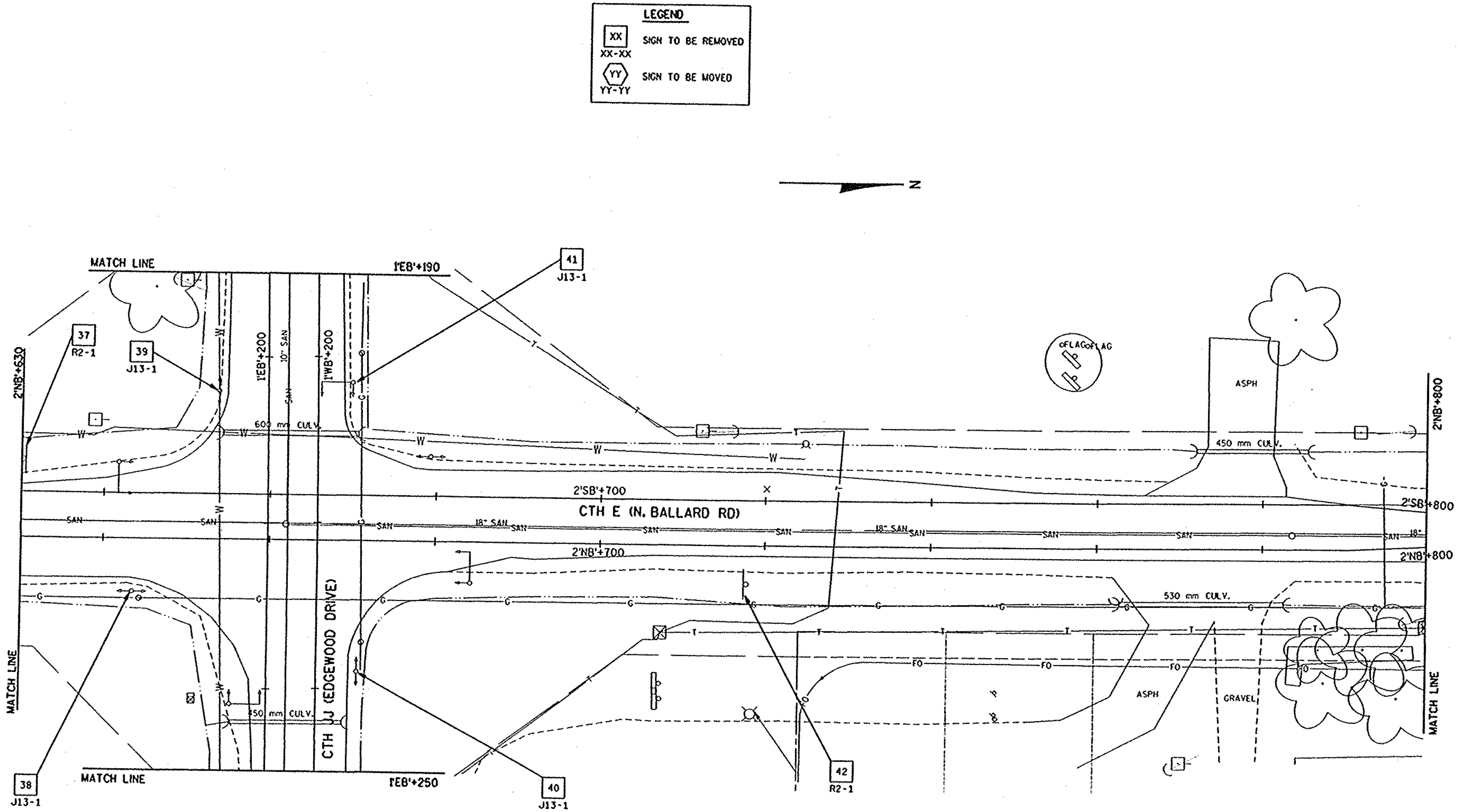
WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PSOS .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62



MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

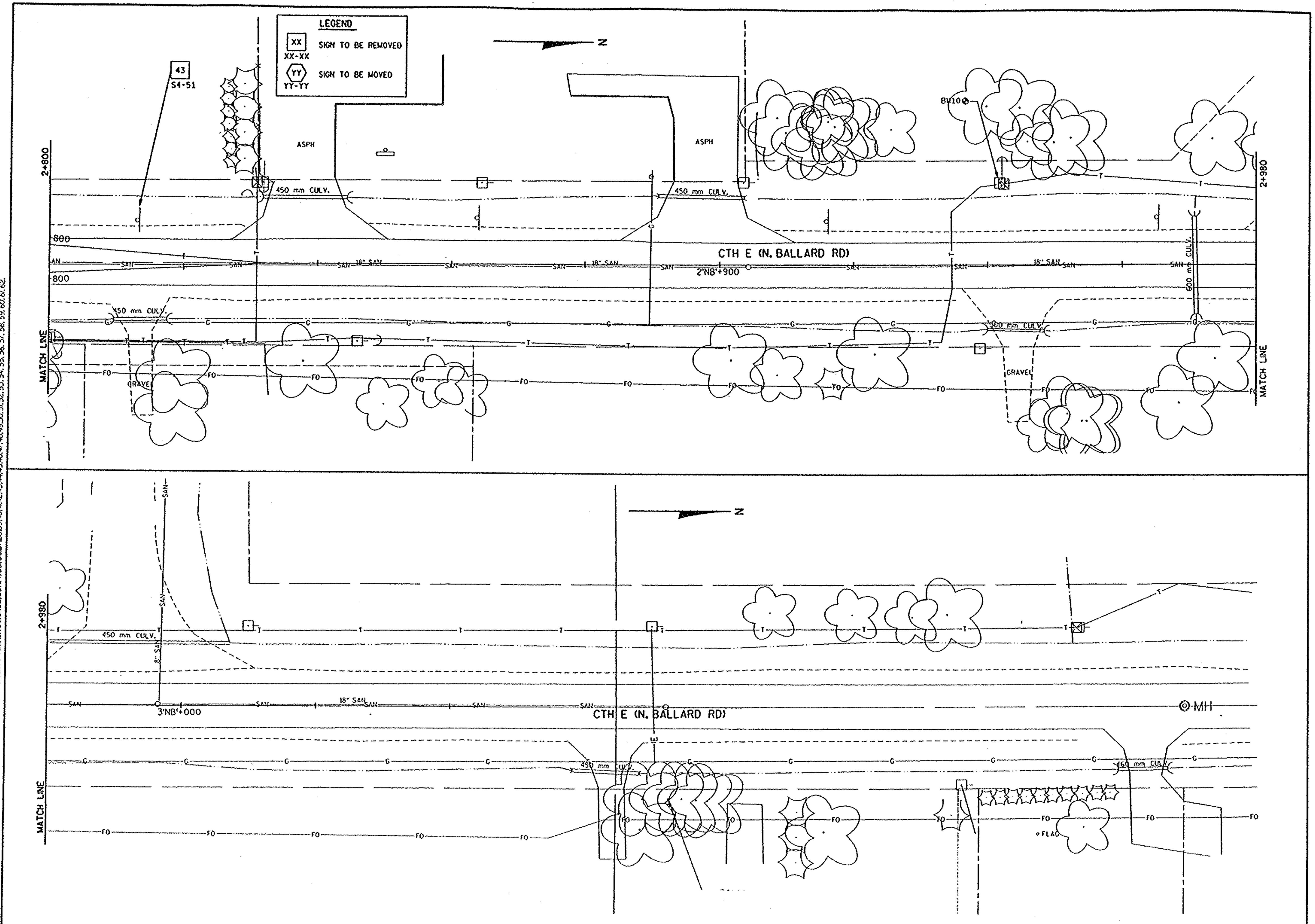
WISDOT: MSHT40



MOVING AND REMOVING SIGN PLAN | 0 5 10 | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-95 | SHEET NO: . | M

FILE NAME: E1339498/SHEETS /PLAN /PS06 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

WisDOT: MSHT40



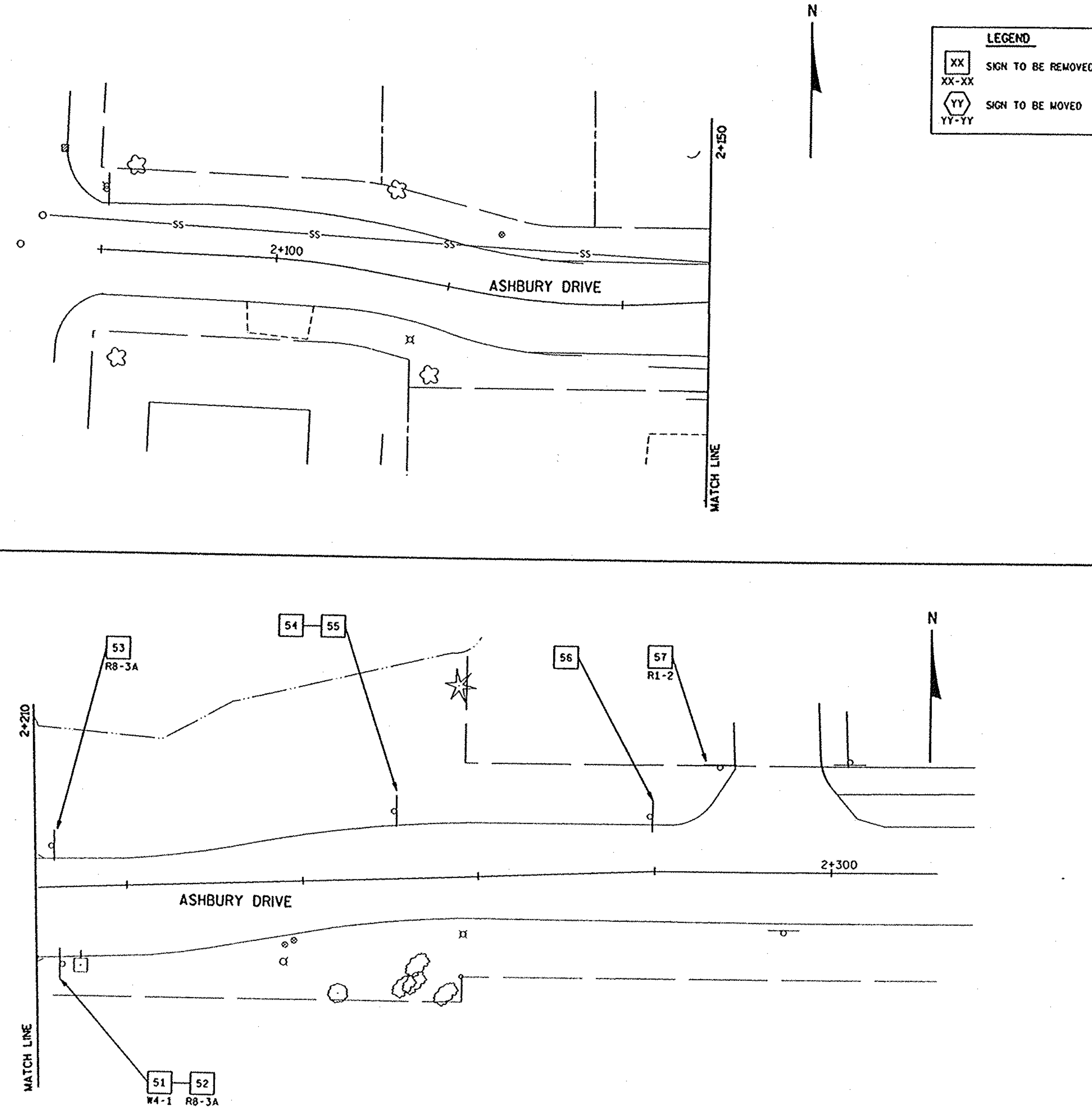
FILE NAME: E1339A98/SHEETS /PLAN /PS07 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

LEVELS ON : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

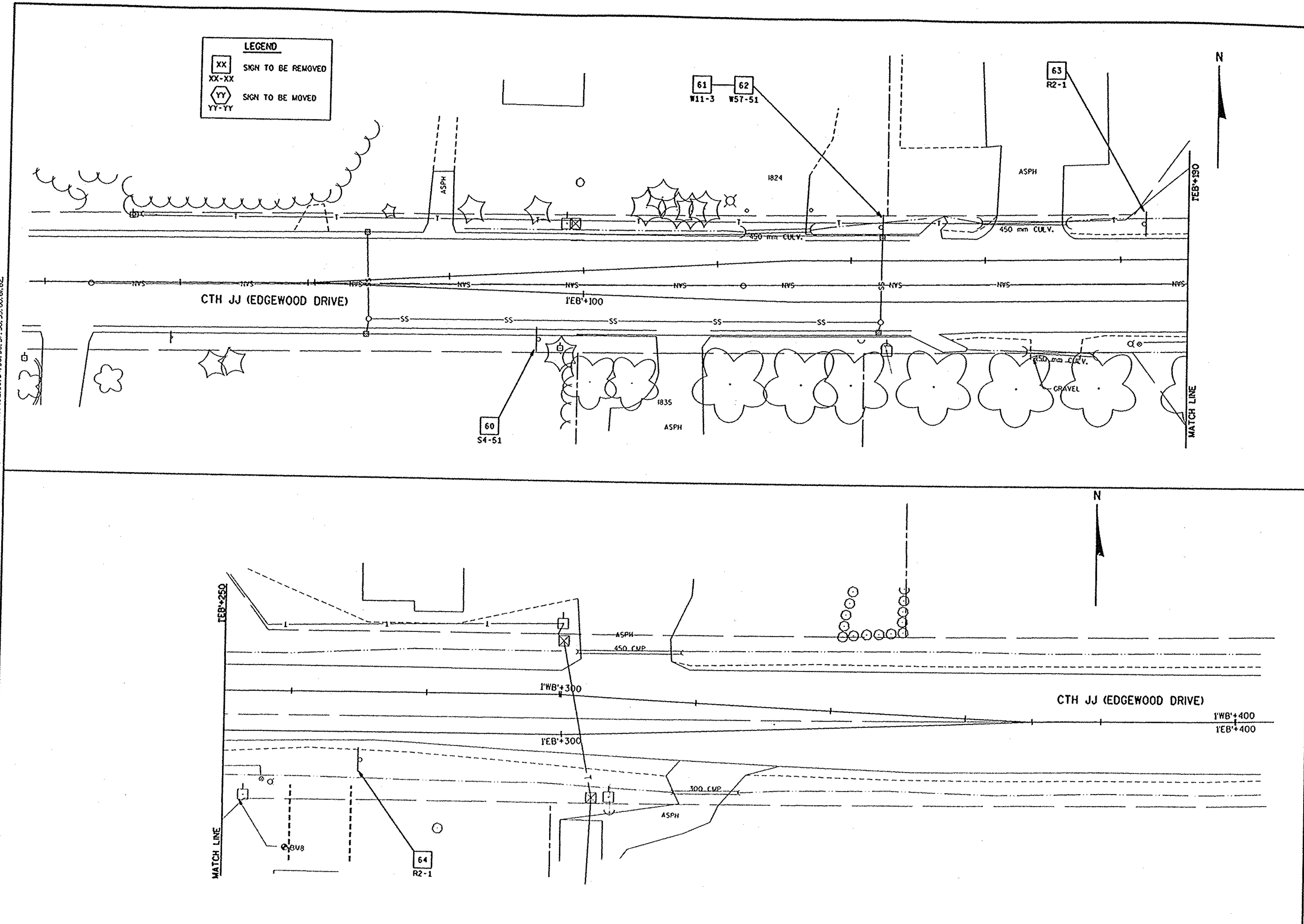
WisDOT: MSHT40



MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339498/SHEETS /PLAN /PS04A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

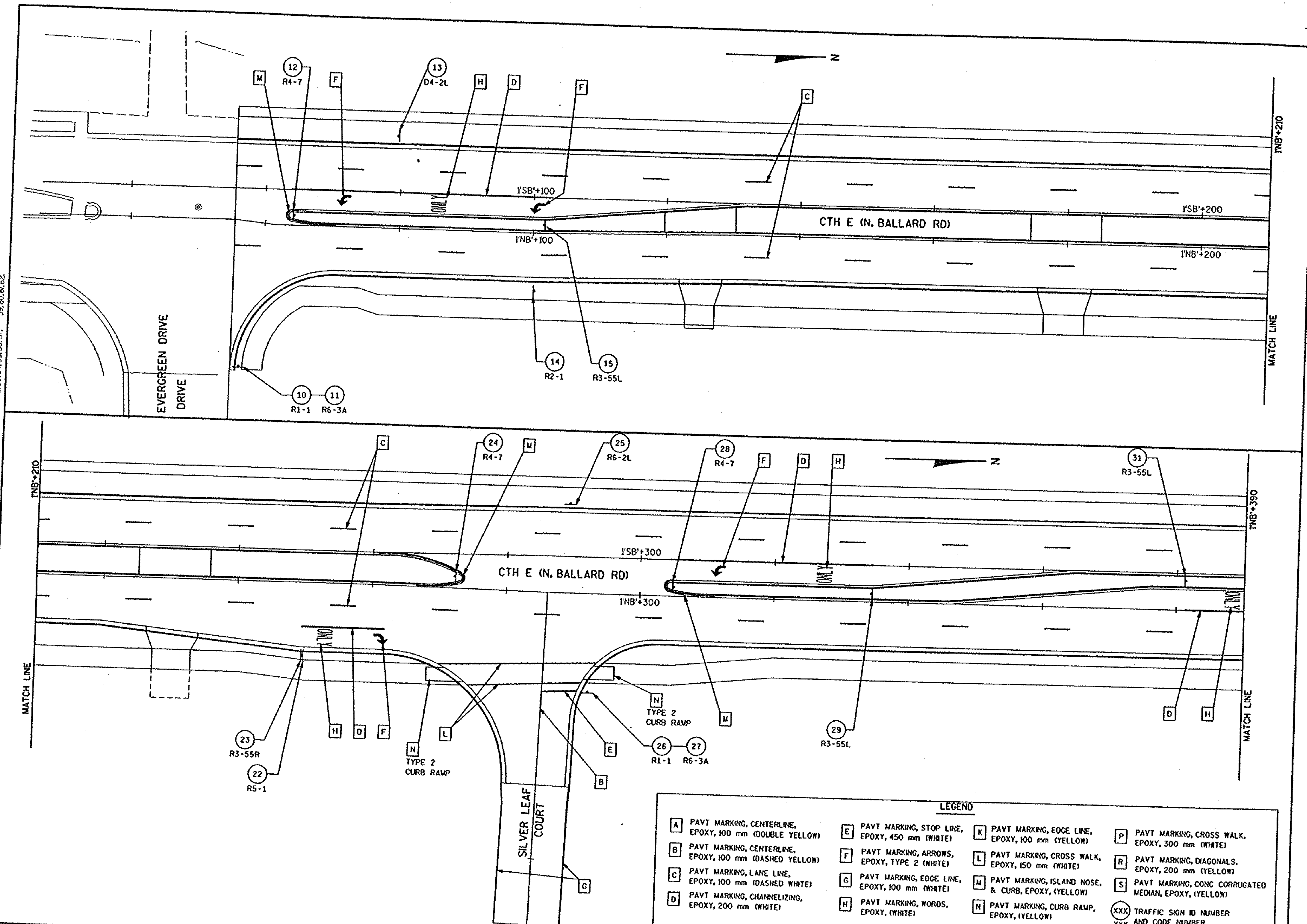
WISDOT: MSHT40



FILE NAME: E1339A98/SHEETS /PLAN /PS06A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 06/06/99 PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

MOVING AND REMOVING SIGN PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

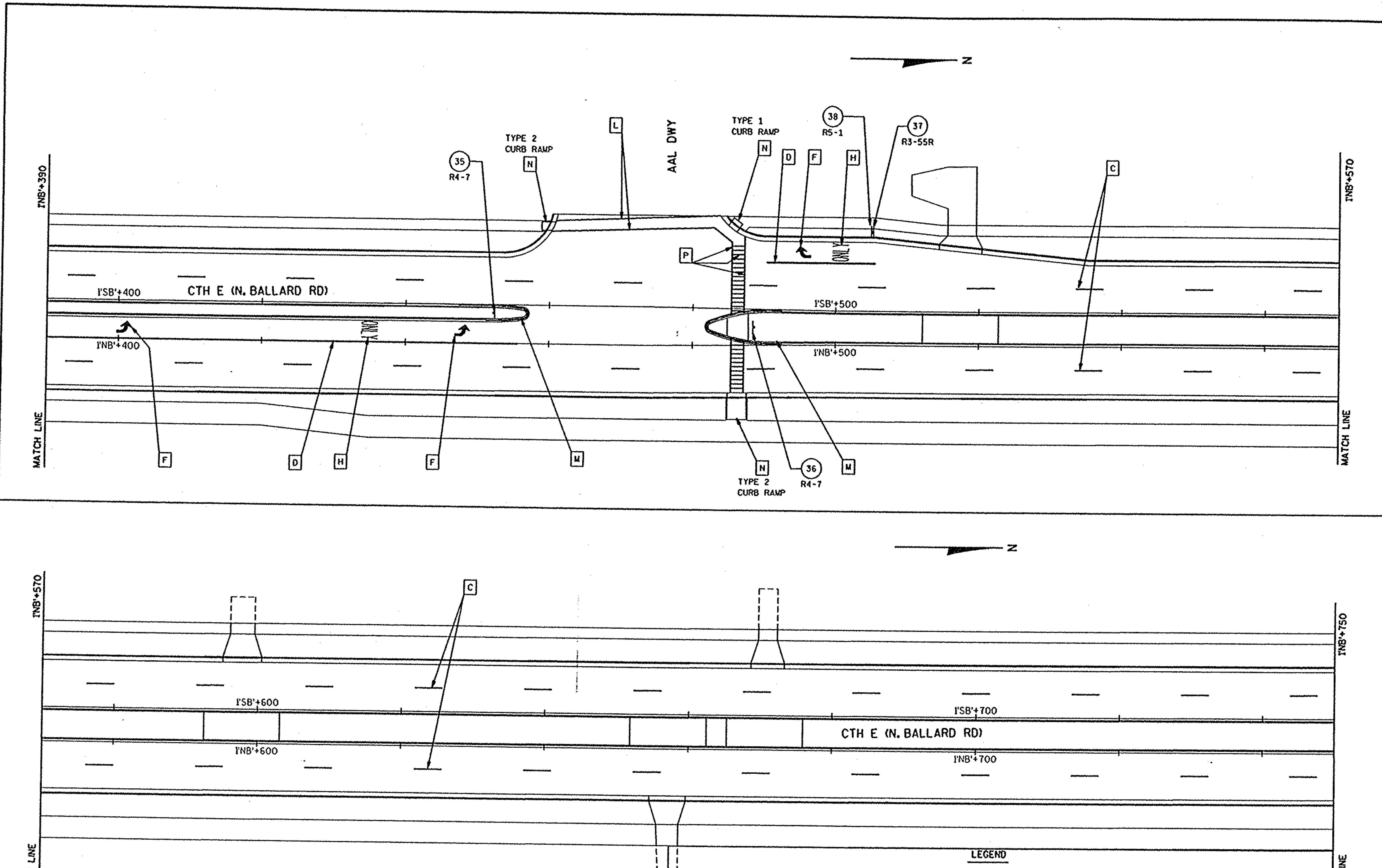


LEGEND

A PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)	E PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)	K PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)	P PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
B PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)	F PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)	L PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)	R PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
C PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)	G PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)	M PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)	S PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
D PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)	H PAVT MARKING, WORDS, EPOXY, (WHITE)	N PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)	XXX YYY TRAFFIC SIGN ID NUMBER AND CODE NUMBER
			TRAFFIC SIGN

FILE NAME: E1339A98/SHEETS /PLAN /PM01 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /00 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-0097	SHEET NO: .	M



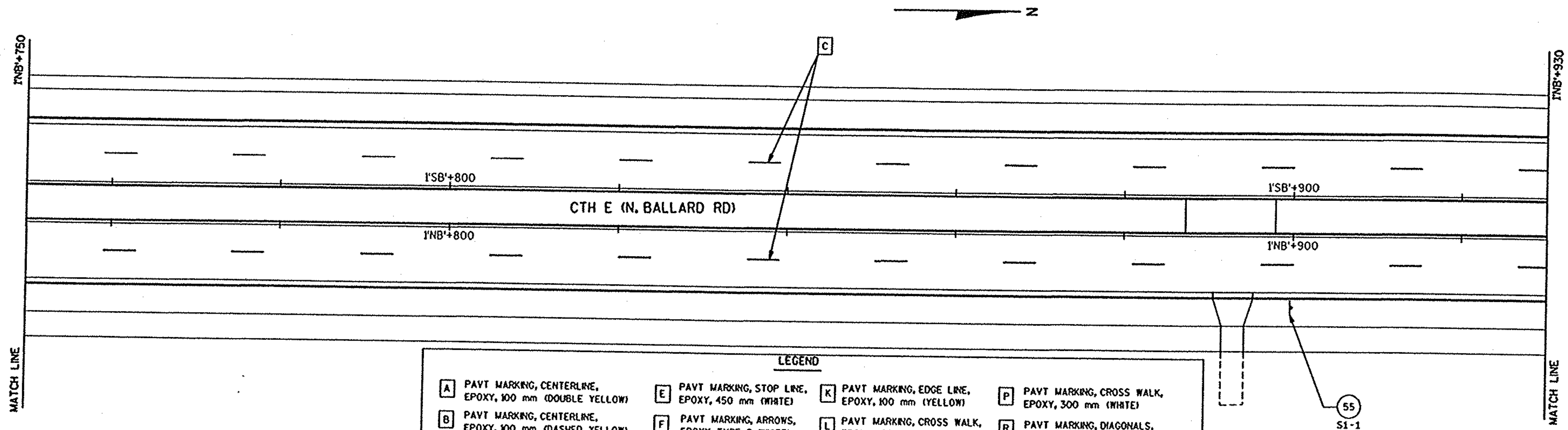
LEGEND

A	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)
B	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)
C	PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)
D	PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)
E	PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)
F	PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
G	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)
H	PAVT MARKING, WORDS, EPOXY, (WHITE)
K	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)
L	PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)
M	PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)
N	PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)
P	PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
R	PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
S	PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
XXX / YYY	TRAFFIC SIGN ID NUMBER AND CODE NUMBER
	TRAFFIC SIGN

FILE NAME: E1339A98/SHEETS /PLAN /PM02 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

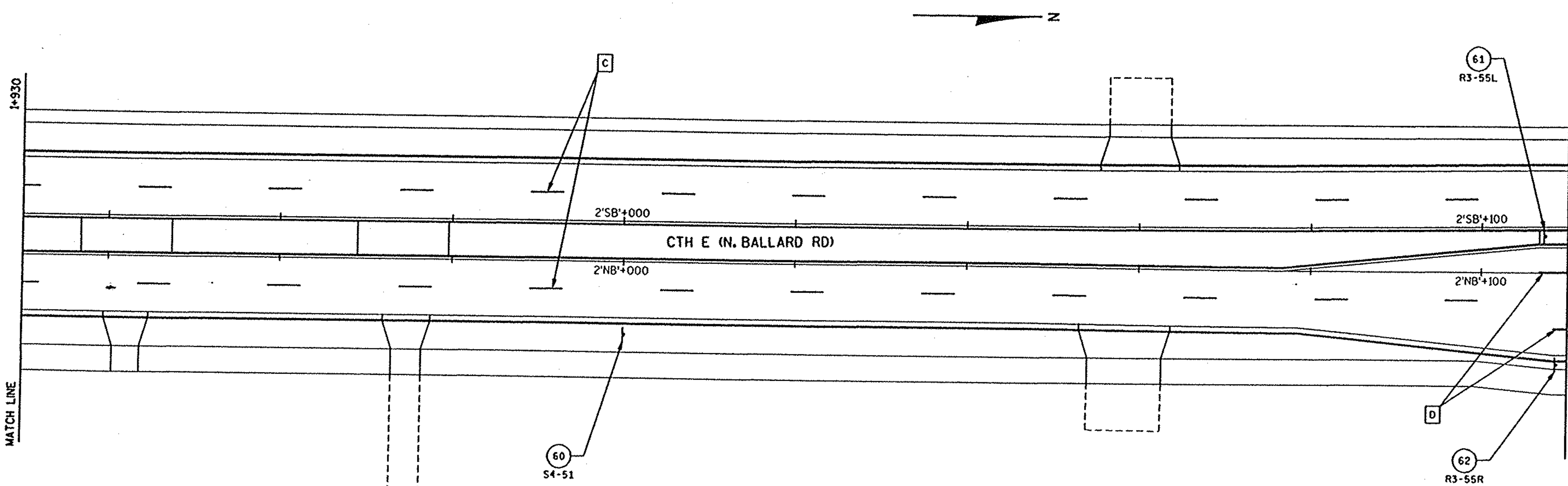
PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT4



LEGEND

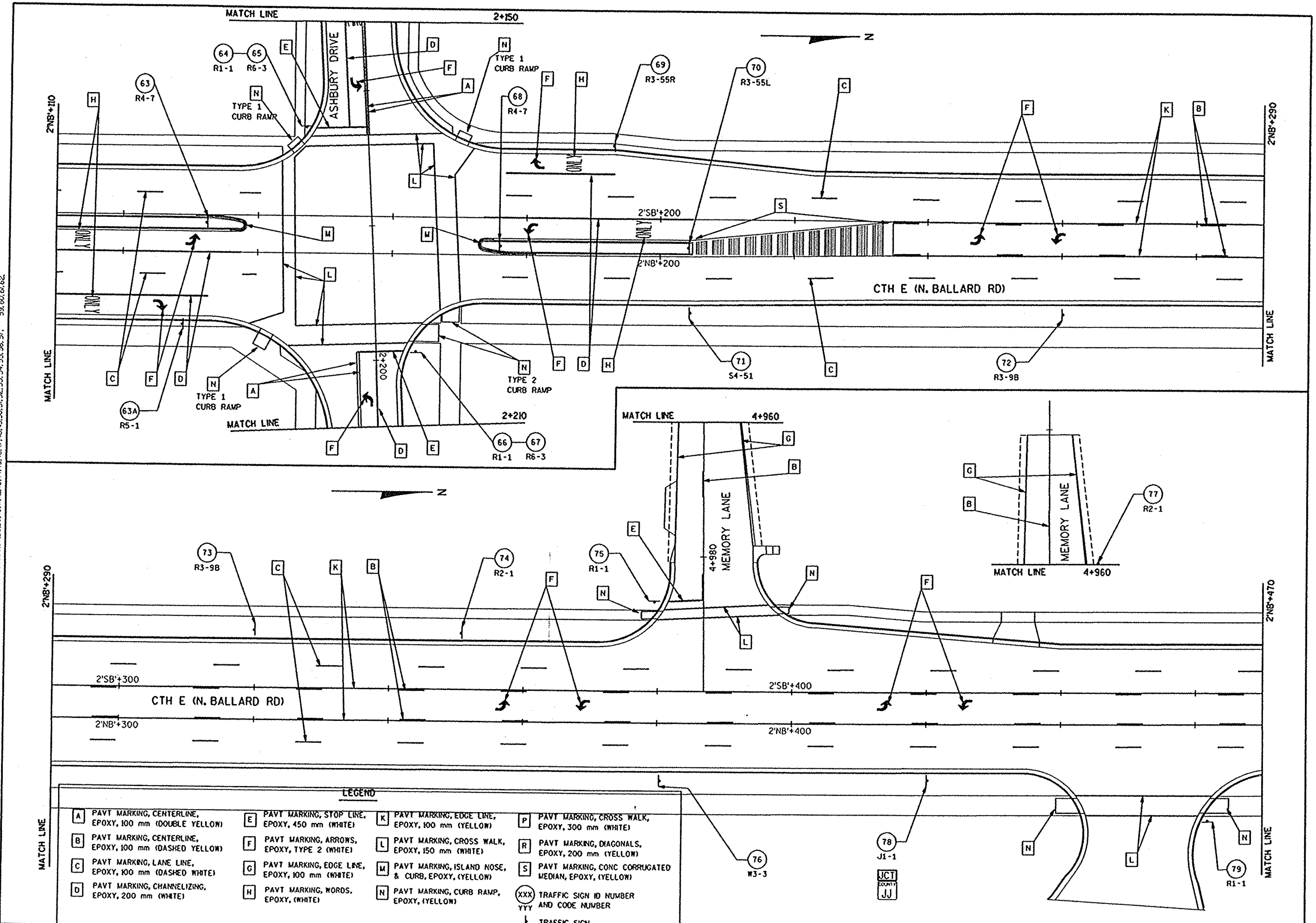
A	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)
B	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)
C	PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)
D	PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)
E	PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)
F	PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
G	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)
H	PAVT MARKING, WORDS, EPOXY, (WHITE)
K	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)
L	PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)
M	PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)
N	PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)
P	PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
R	PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
S	PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
XXX / YYY	TRAFFIC SIGN ID NUMBER AND CODE NUMBER
	TRAFFIC SIGN



FILE NAME: E1339498/SHEETS /PLAN /PM03 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40



LEGEND

A PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)	E PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)	K PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)	P PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
B PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)	F PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)	L PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)	R PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
C PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)	G PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)	M PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)	S PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
D PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)	H PAVT MARKING, WORDS, EPOXY, (WHITE)	N PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)	XXX / YYY TRAFFIC SIGN ID NUMBER AND CODE NUMBER
			TRAFFIC SIGN

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: . M

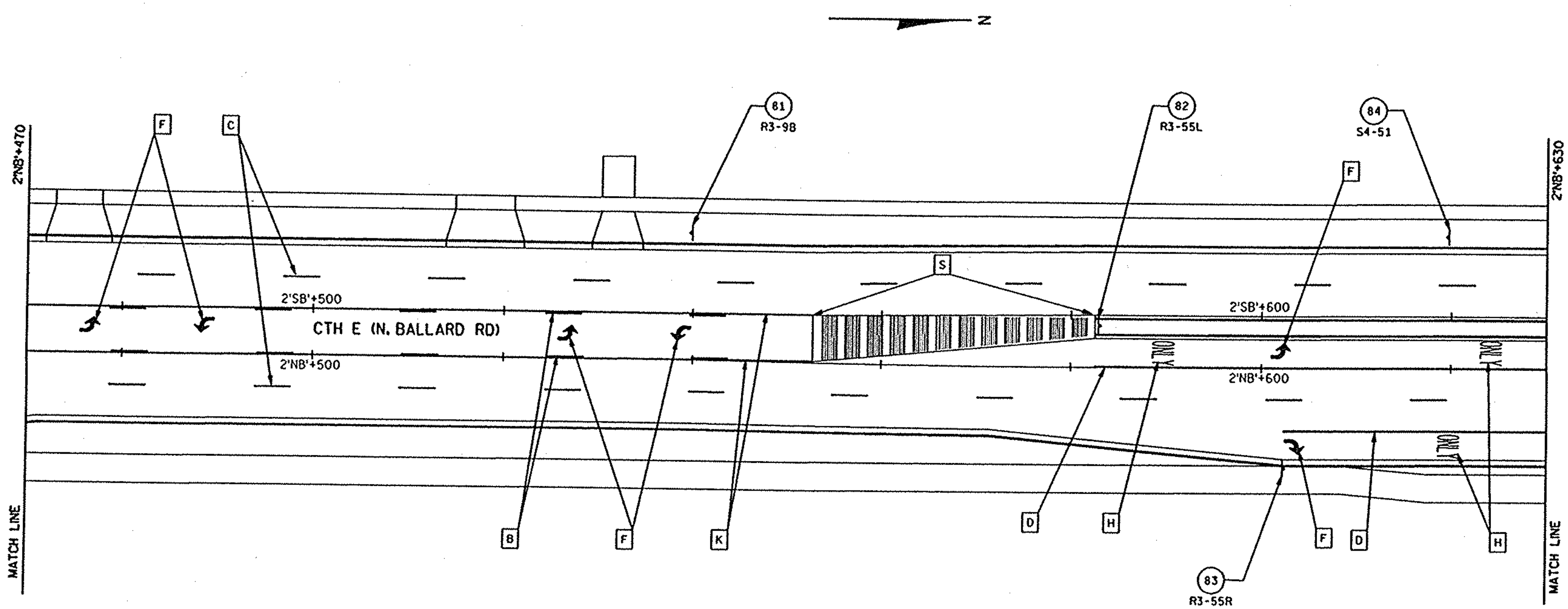
FILE NAME: E1339A98/SHEETS /PLAN /PM04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/25/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62.

WISDOT: MSHT40

FILE NAME: E1339498/SHEETS /PLAN /PM05 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62



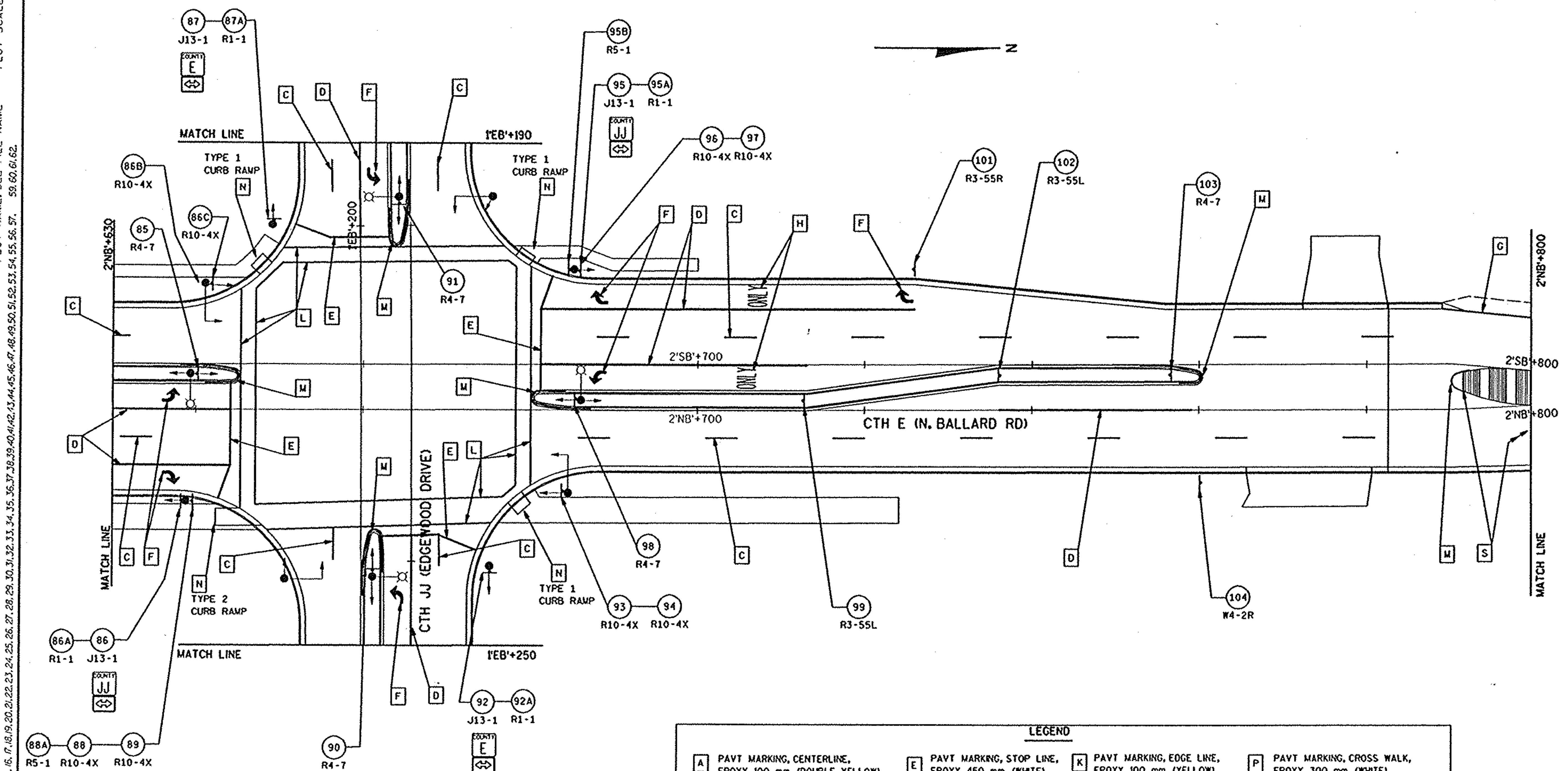
LEGEND

A	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)
B	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)
C	PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)
D	PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)
E	PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)
F	PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
G	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)
H	PAVT MARKING, WORDS, EPOXY, (WHITE)
K	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)
L	PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)
M	PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)
N	PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)
P	PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
R	PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
S	PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
XXX / YYY	TRAFFIC SIGN ID NUMBER AND CODE NUMBER
	TRAFFIC SIGN

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WISDOT: MSHT40

FILE NAME: :E1339A98/SHEETS /PLAN /PM06 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 13, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 59, 60, 61, 62



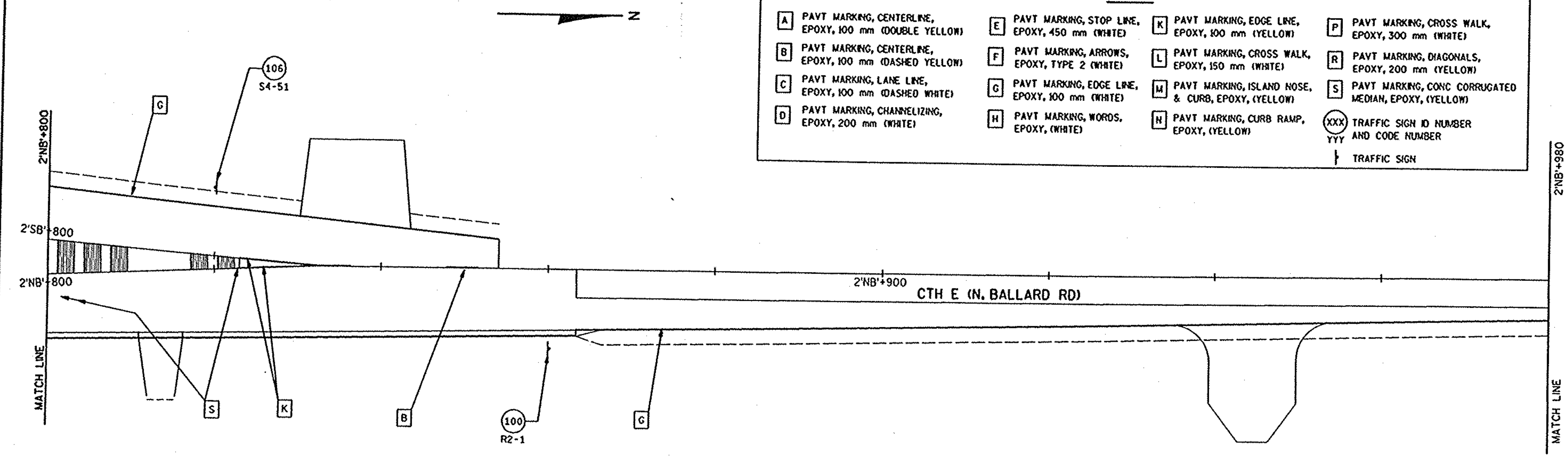
LEGEND

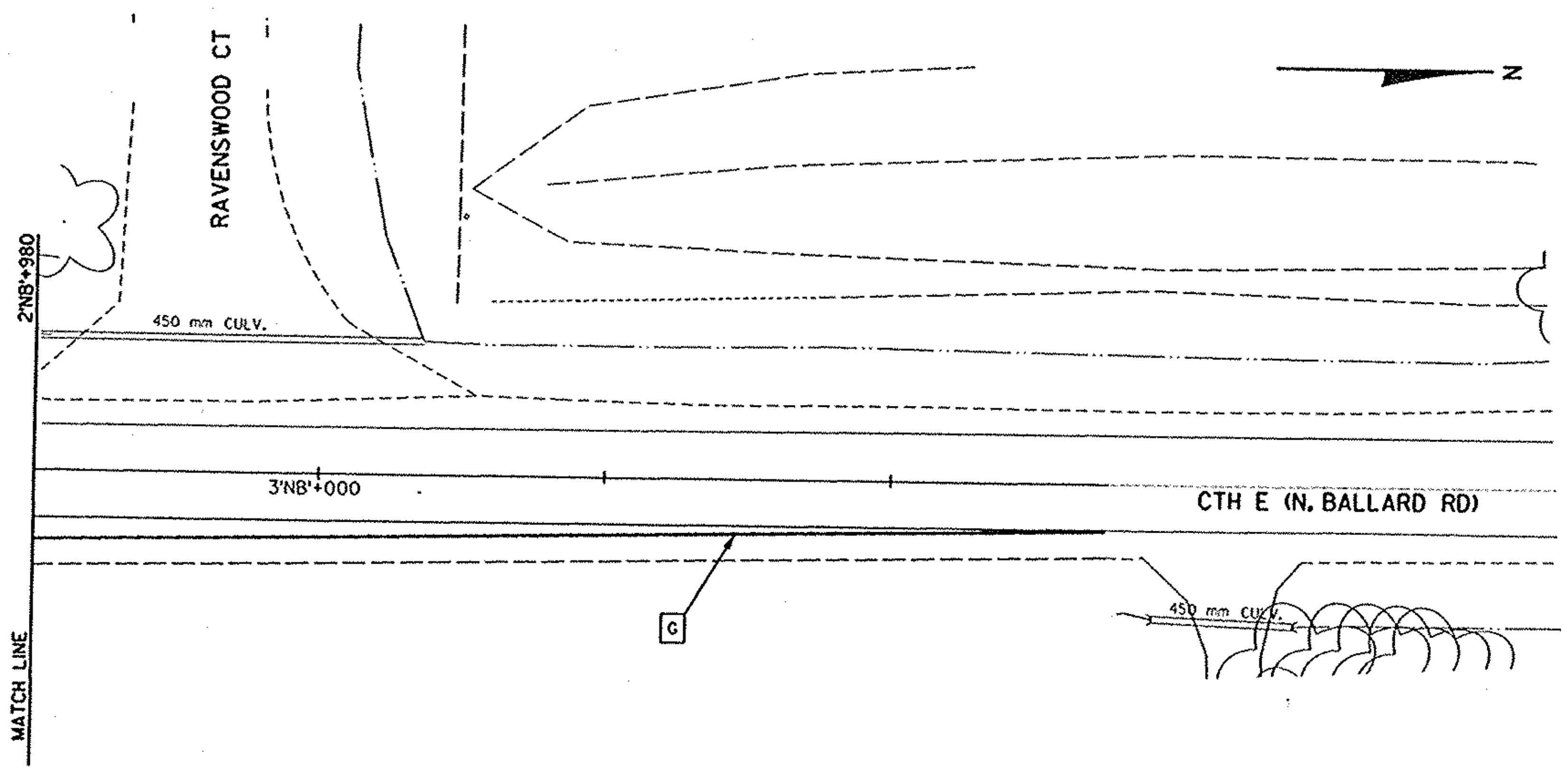
A PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)	E PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)	K PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)	P PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
B PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)	F PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)	L PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)	R PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
C PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)	G PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)	M PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)	S PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
D PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)	H PAVT MARKING, WORDS, EPOXY, (WHITE)	N PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)	XXX YYY TRAFFIC SIGN ID NUMBER AND CODE NUMBER
			TRAFFIC SIGN

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: . M

LEGEND

- A — PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)
- B — PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)
- C — PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)
- D — PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)
- E — PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)
- F — PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
- G — PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)
- H — PAVT MARKING, WORDS, EPOXY, (WHITE)
- K — PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)
- L — PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)
- M — PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)
- N — PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)
- P — PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
- R — PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
- S — PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
- XXX / YYY — TRAFFIC SIGN ID NUMBER AND CODE NUMBER
- TRAFFIC SIGN

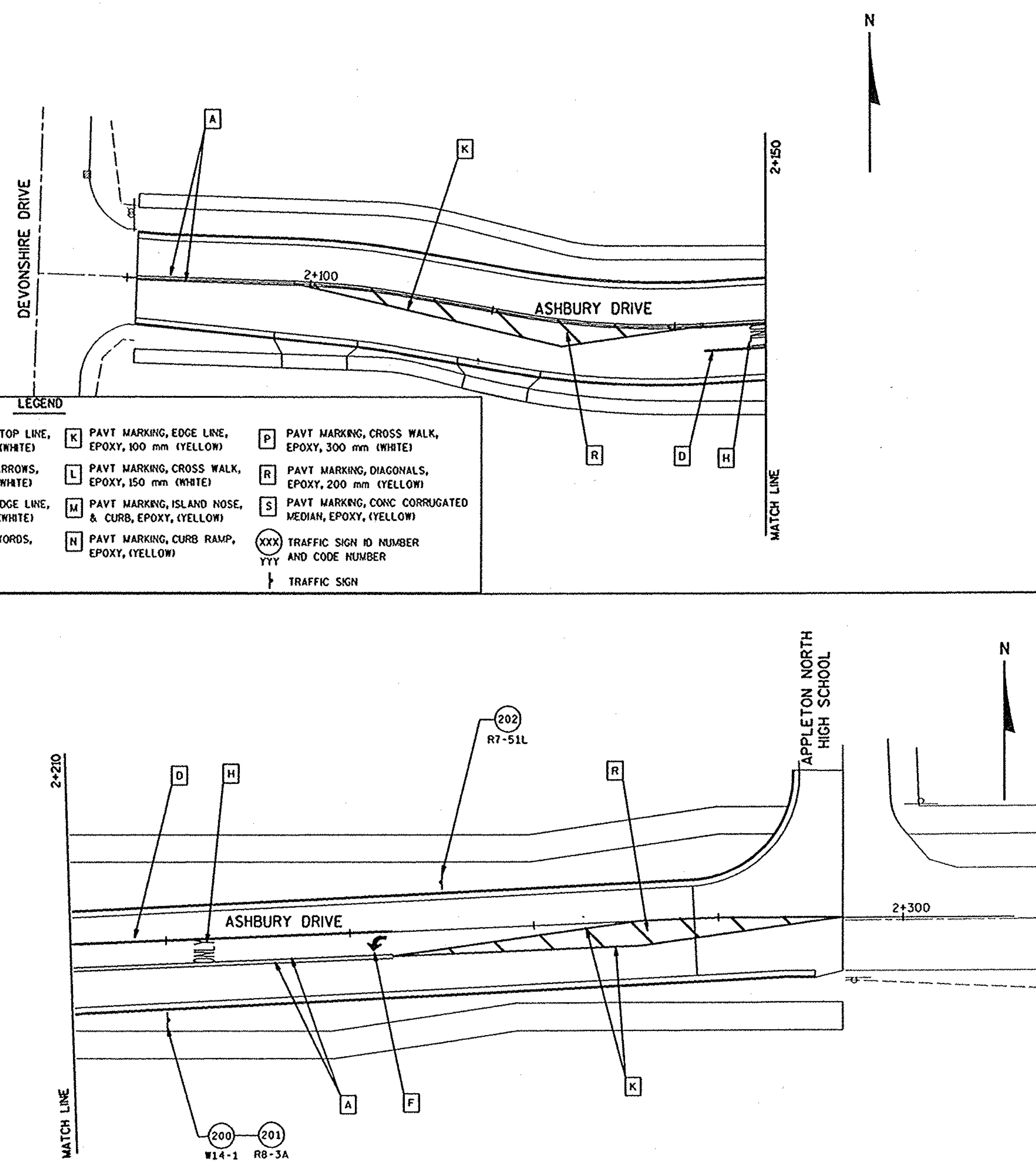




FILE NAME: E1339A98/SHEETS /PLAN /PM07 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WISDOT: MSHT40



LEGEND

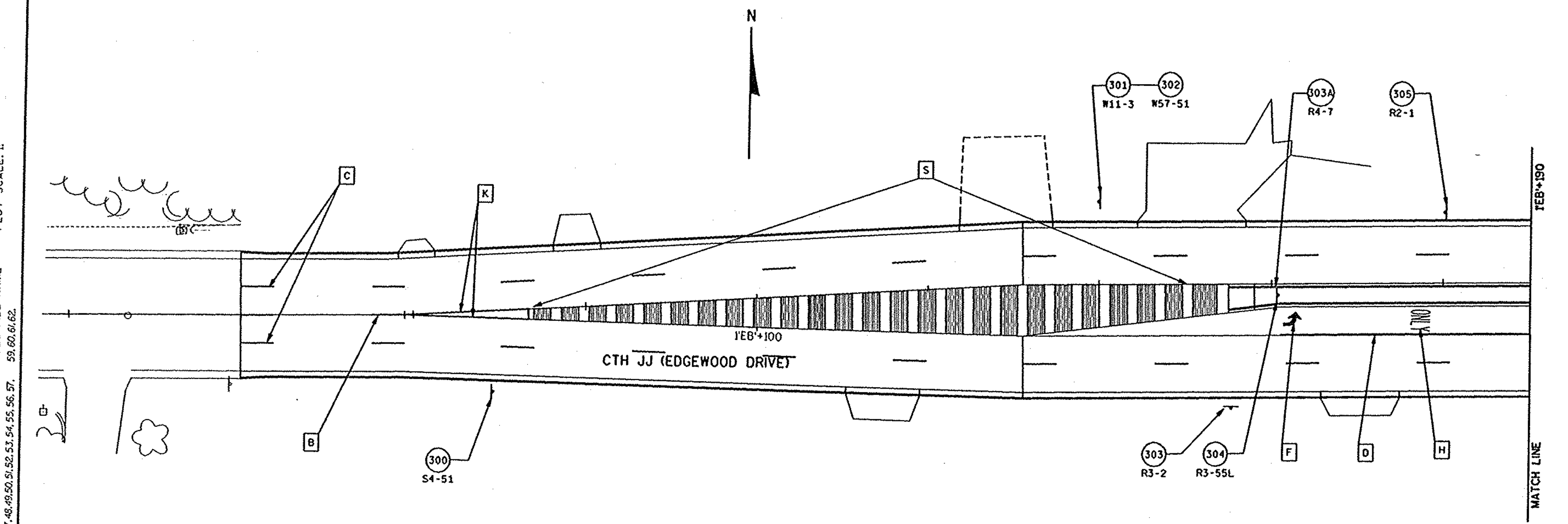
- A — PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)
- B — PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)
- C — PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)
- D — PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)
- E — PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)
- F — PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
- G — PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)
- H — PAVT MARKING, WORDS, EPOXY, (WHITE)
- K — PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)
- L — PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)
- M — PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)
- N — PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)
- P — PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
- R — PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
- S — PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
- XXX / YYY — TRAFFIC SIGN ID NUMBER AND CODE NUMBER
- TRAFFIC SIGN

PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY:	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /PM04A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

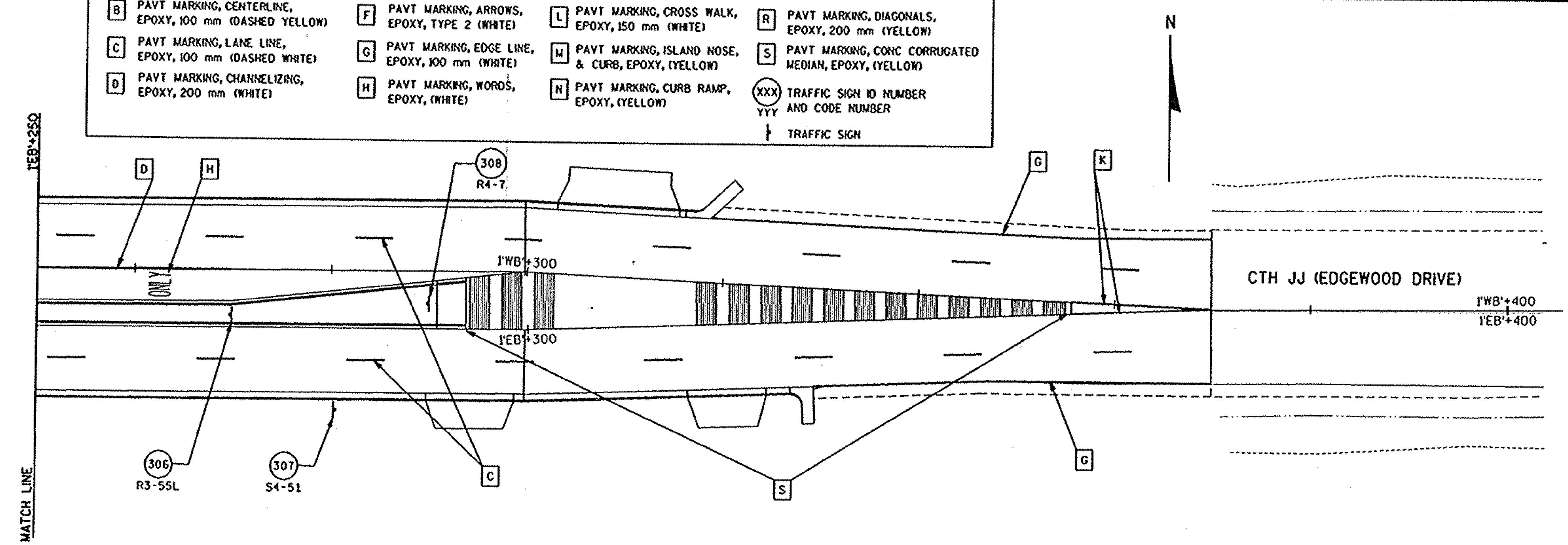
WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PM06A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/ /99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62



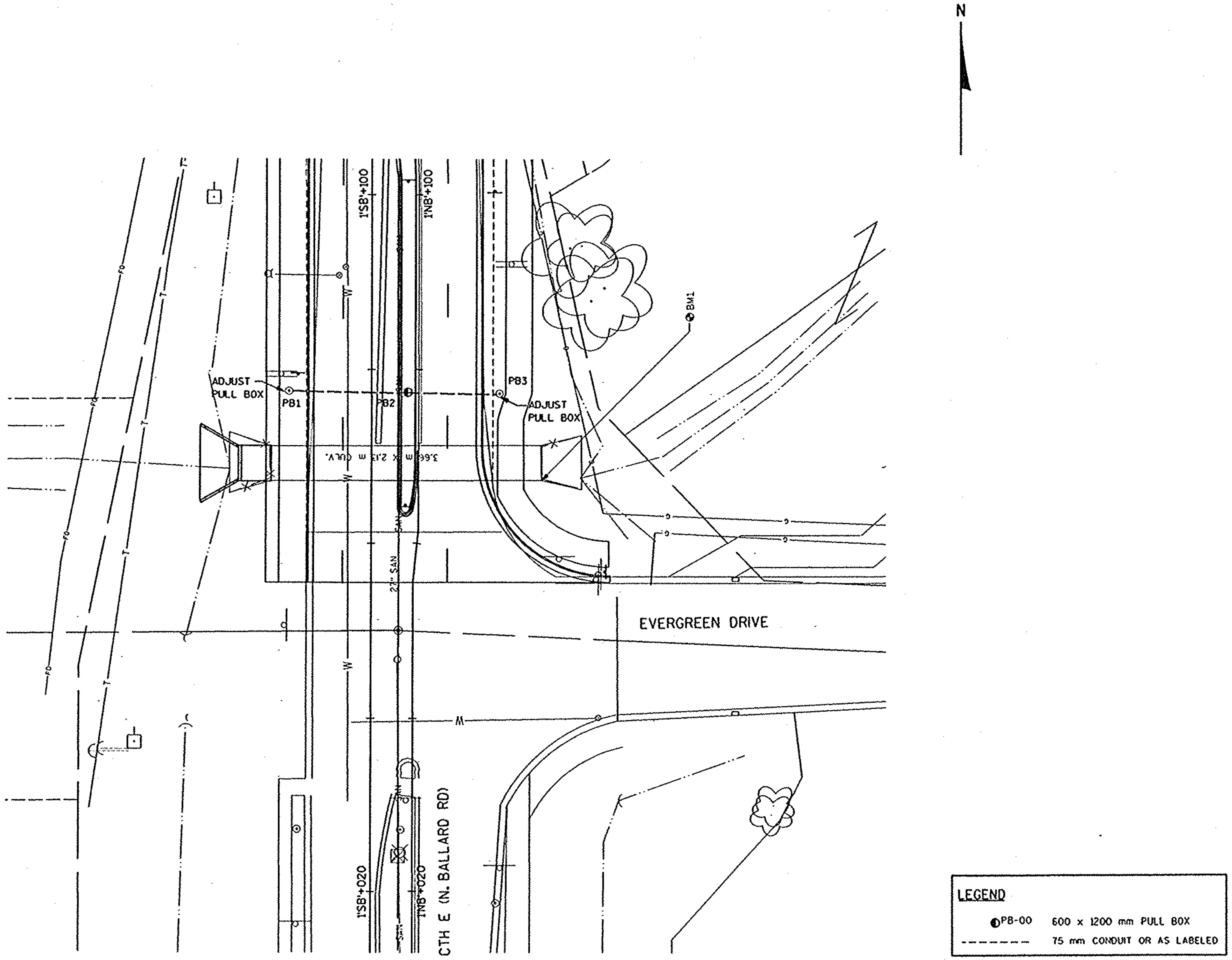
LEGEND

A	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DOUBLE YELLOW)
B	PAVT MARKING, CENTERLINE, EPOXY, 100 mm (DASHED YELLOW)
C	PAVT MARKING, LANE LINE, EPOXY, 100 mm (DASHED WHITE)
D	PAVT MARKING, CHANNELIZING, EPOXY, 200 mm (WHITE)
E	PAVT MARKING, STOP LINE, EPOXY, 450 mm (WHITE)
F	PAVT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
G	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (WHITE)
H	PAVT MARKING, WORDS, EPOXY, (WHITE)
K	PAVT MARKING, EDGE LINE, EPOXY, 100 mm (YELLOW)
L	PAVT MARKING, CROSS WALK, EPOXY, 150 mm (WHITE)
M	PAVT MARKING, ISLAND NOSE, & CURB, EPOXY, (YELLOW)
N	PAVT MARKING, CURB RAMP, EPOXY, (YELLOW)
P	PAVT MARKING, CROSS WALK, EPOXY, 300 mm (WHITE)
R	PAVT MARKING, DIAGONALS, EPOXY, 200 mm (YELLOW)
S	PAVT MARKING, CONC CORRUGATED MEDIAN, EPOXY, (YELLOW)
XXX YYY	TRAFFIC SIGN ID NUMBER AND CODE NUMBER
	TRAFFIC SIGN



PAVEMENT MARKING & PERMANENT SIGNING PLAN	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

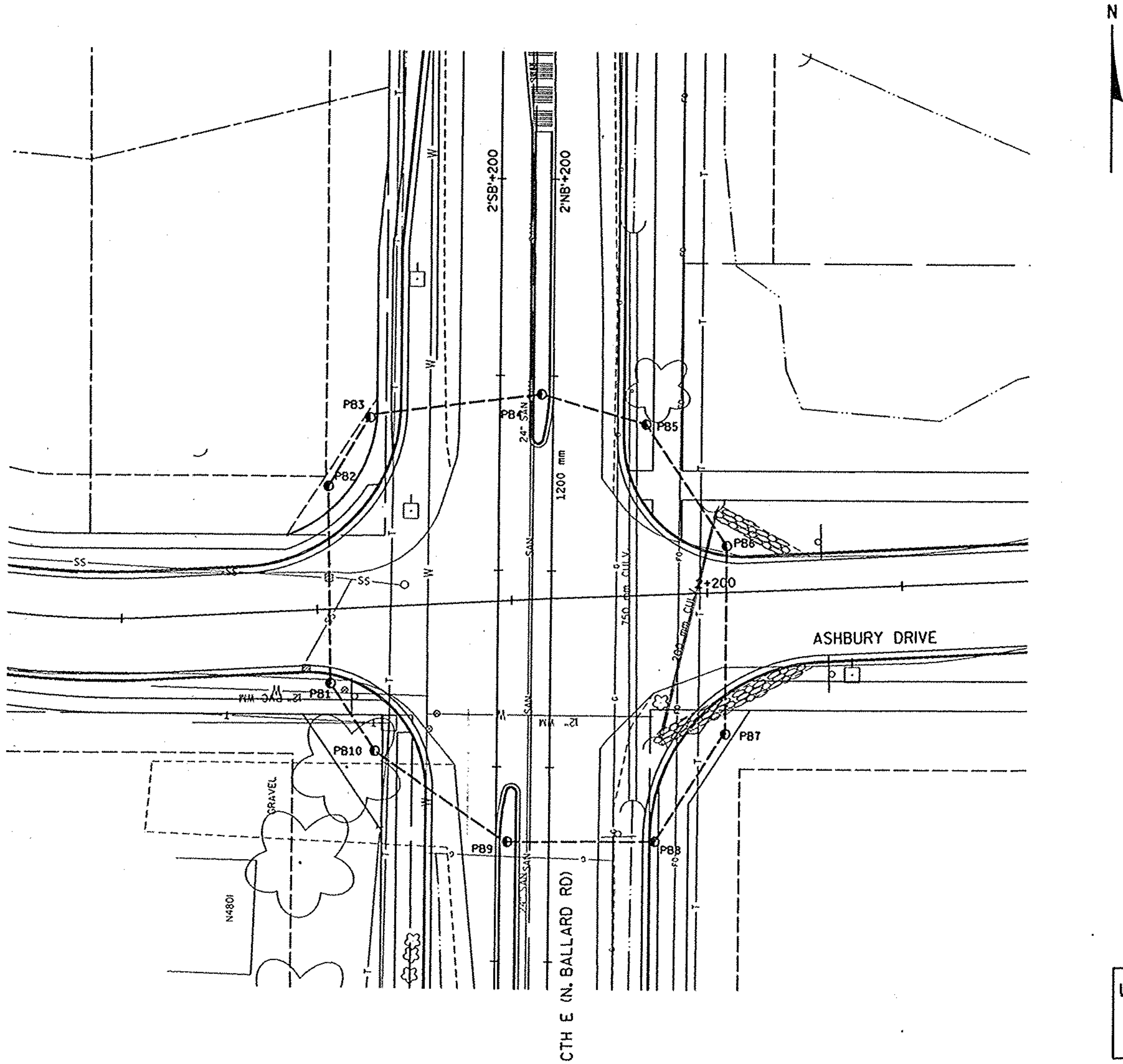


FILE NAME: E1339A98/SHEETS /PLAN /SC04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 07/22/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 59, 60, 61, 62,

TRAFFIC SIGNAL PLAN (CONDUIT & PULL BOXES) - BALLARD RD & EVERGREEN DR	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: 01339r98/SHEETS /PLAN /SC05 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62



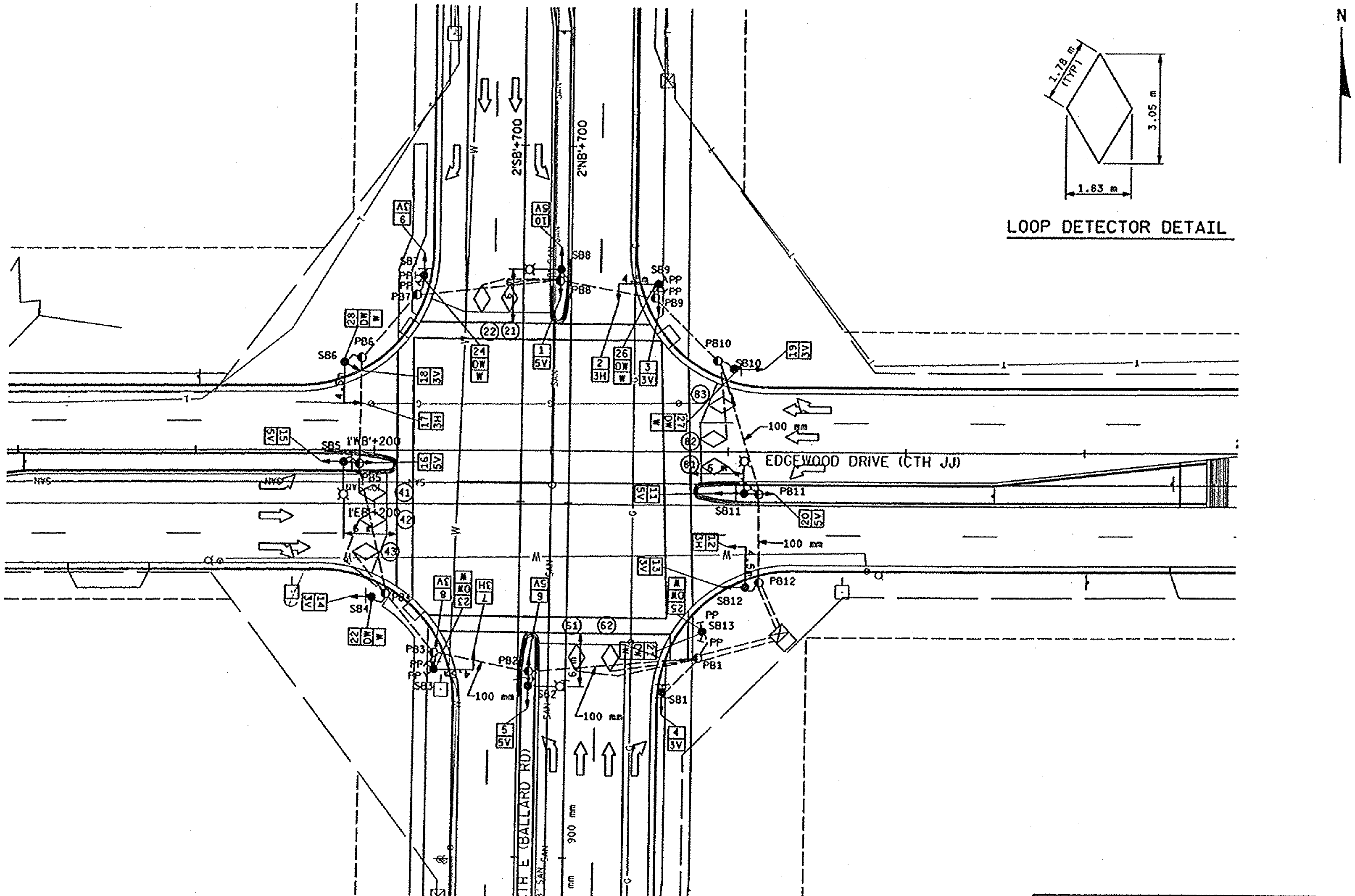
LEGEND

PB-00	600 x 1200 mm PULL BOX
-------	75 mm CONDUIT OR AS LABELED

TRAFFIC SIGNAL PLAN (CONDUIT & PULL BOXES) - BALLARD ROAD & ASHBURY DRIVE	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /SGO: .DGN TECH/ENGR: DPP/MAM PLOT DATE: 03/07/98 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62



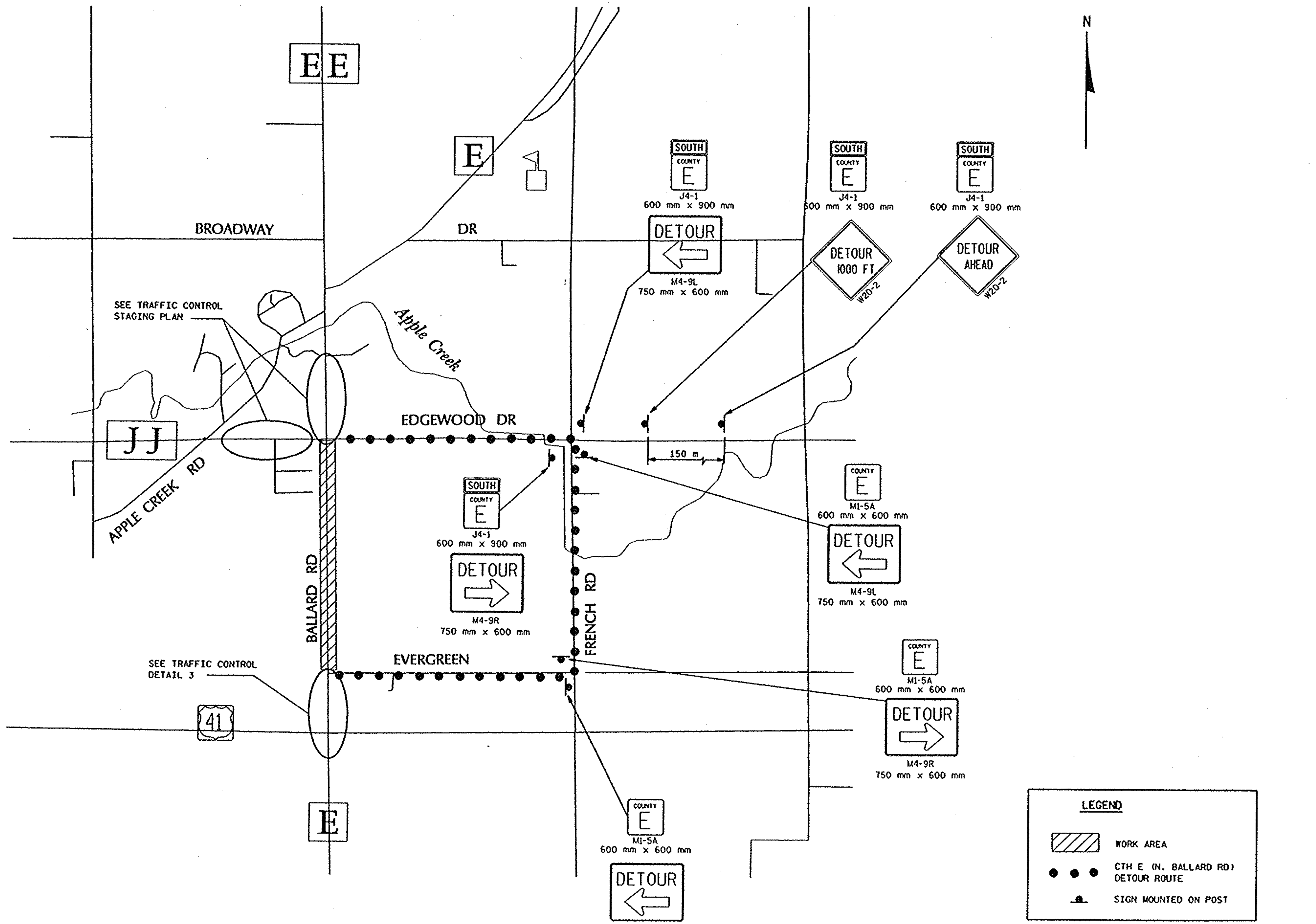
SIGNAL FACES AND NUMBERS

3-V	3-H
R Y G	R Y G
3,4,8,9,13,14,18,19	2,7,12,17
5-V	
R Y G	DW W
1,5,6,10,11,15,16,20	21,22,23,24,25,26,27,28

LEGEND

SB-00	SIGNAL HEAD PEDESTAL MOUNT
PB-00	600 x 1200 mm PULL BOX
- - - -	75 mm CONDUIT OR AS LABELED
——	50 mm CONDUIT
4.5 m	SIGNAL HEAD W/LUMINAIRE
4.5 m	SIGNAL HEAD MAST-ARM MOUNT
	SIGNAL CONTROL CABINET MOUNTED TYPE 9 BASE
	LANE USE
PP	PEDESTRIAN PUSH BUTTON

TRAFFIC SIGNAL PLAN - BALLARD ROAD AND CTH JJ	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

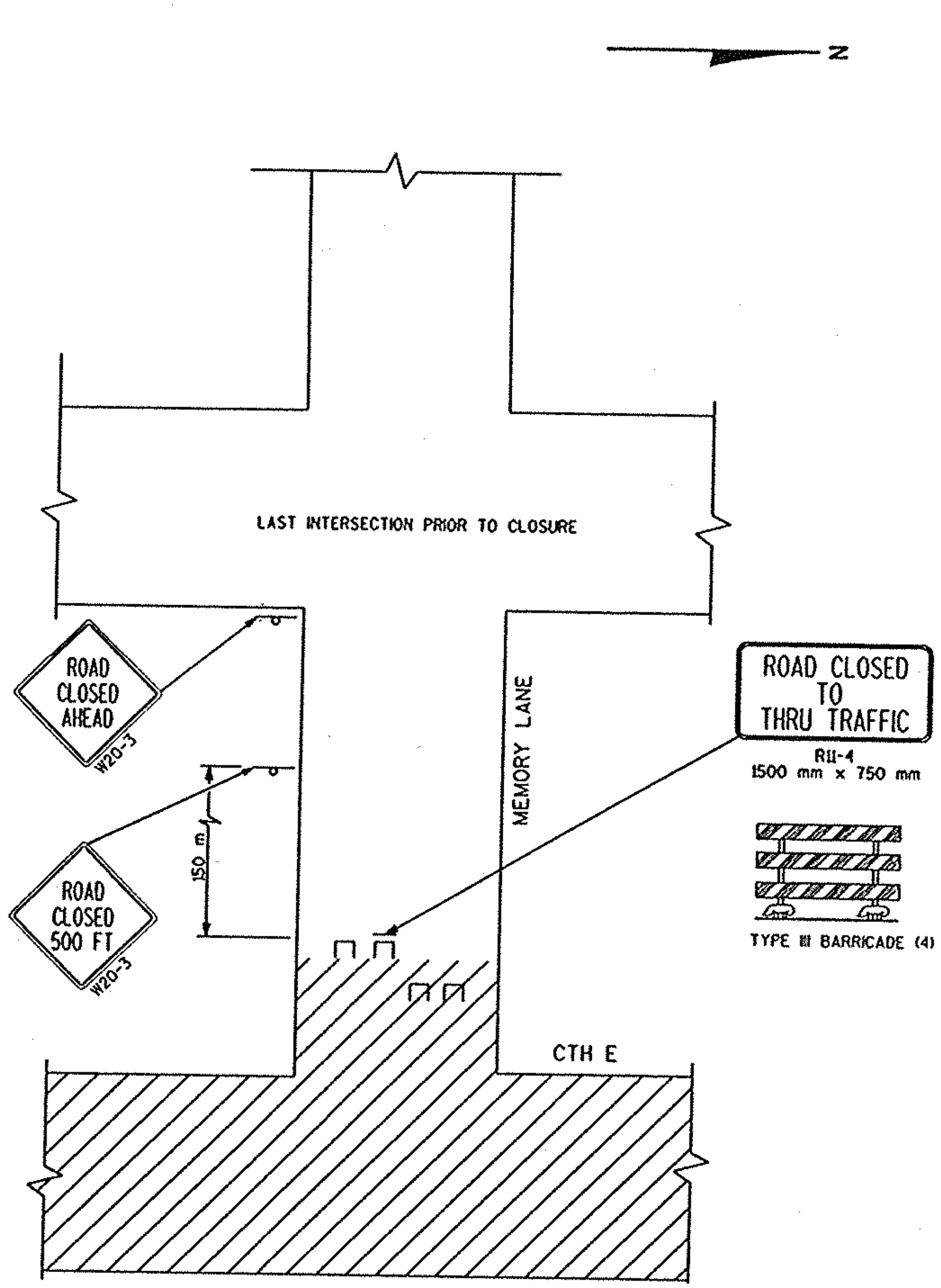


DETOUR PLAN

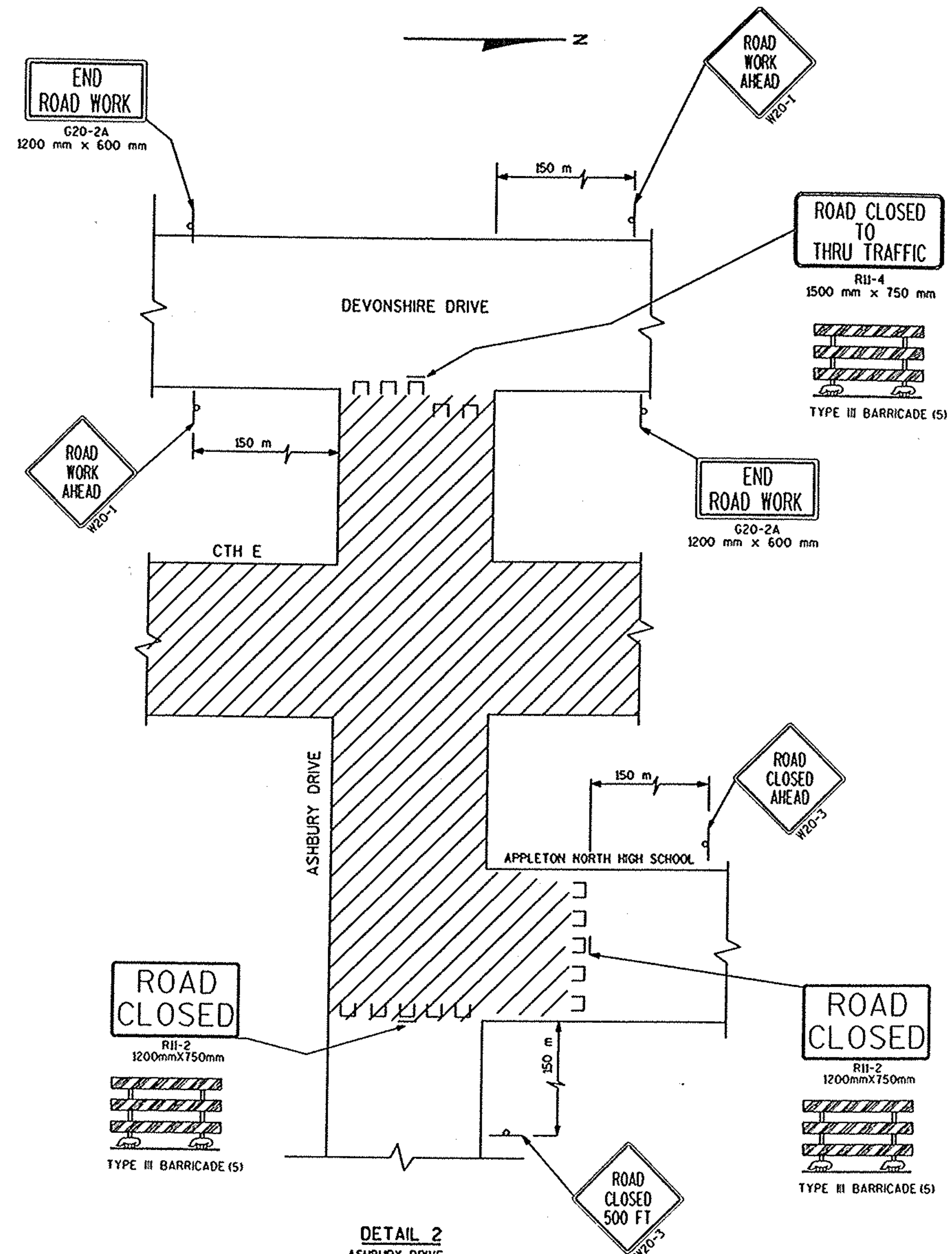
TRAFFIC CONTROL - CTH E (N. BALLARD RD)		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC13 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/18/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38, 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62,



DETAIL 1
MEMORY LANE



DETAIL 2
ASHBURY DRIVE

LEGEND:

- SIGN MOUNTED ON POST
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- WORK AREA
- FLAG, 400 mm X 400 mm

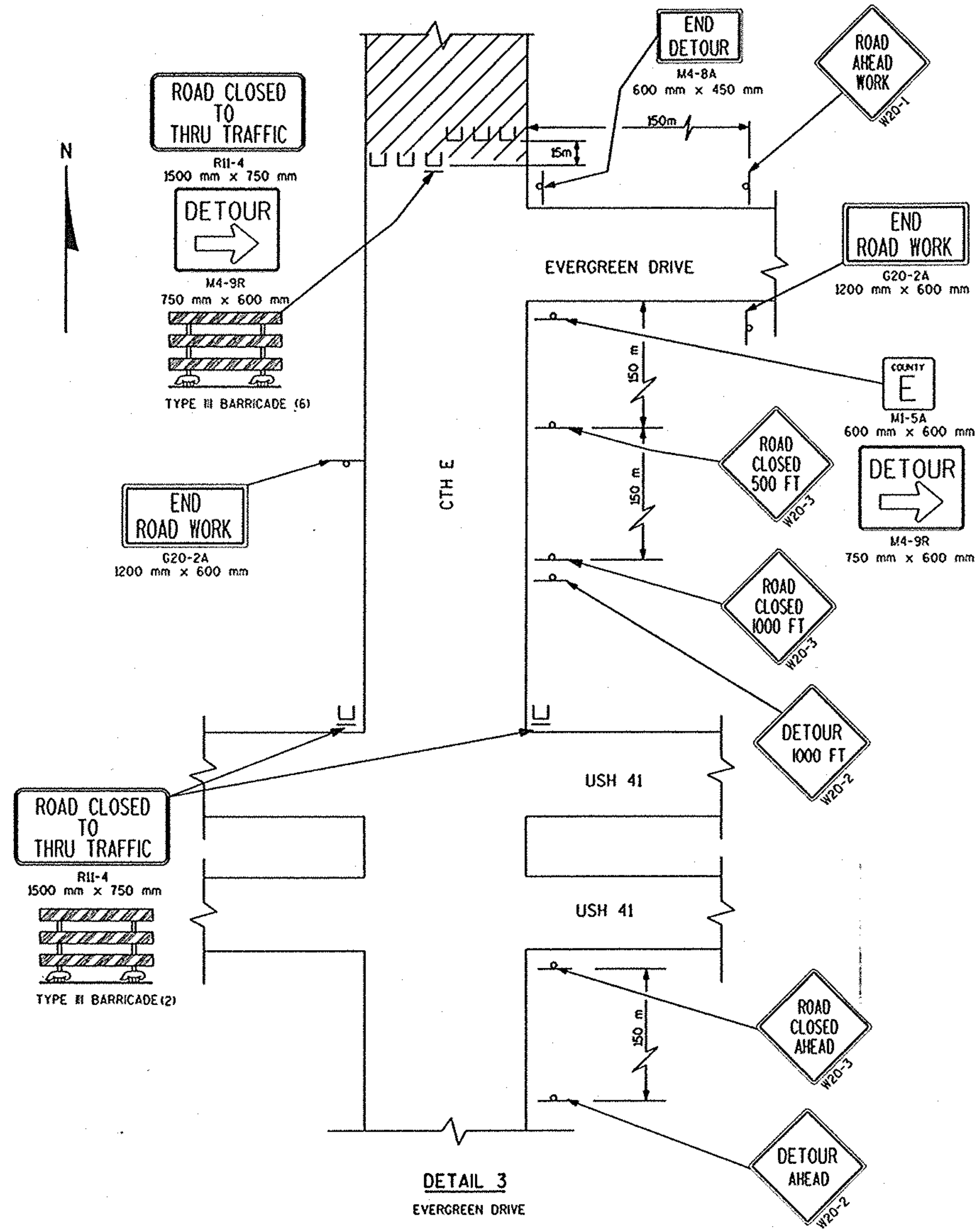
NOTES FOR TRAFFIC CONTROL:

1) ALL SIGNS SHALL BE 1200mm x 1200mm UNLESS OTHERWISE NOTED.
2) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING THE SIGNS SHALL BE INCIDENTAL TO THE TRAFFIC CONTROL. (L.S.)
5) ALL TEMPORARY PAVEMENT MARKING DIAGONALLY CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVEABLE TAPE. TEMPORARY PAVEMENT MARKING PARALLEL TO PERMANENT LANES SHALL BE PAINT UNLESS OHERWISE NOTED. ALL CONFLICTING EXISTING PAVEMENT MARKING SHALL BE REMOVED.
6) NUMBER OF BARRICADES REQURED IS SHOWN IN PARENTHESIS AT EACH LOCATION.
7) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

TRAFFIC CONTROL DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

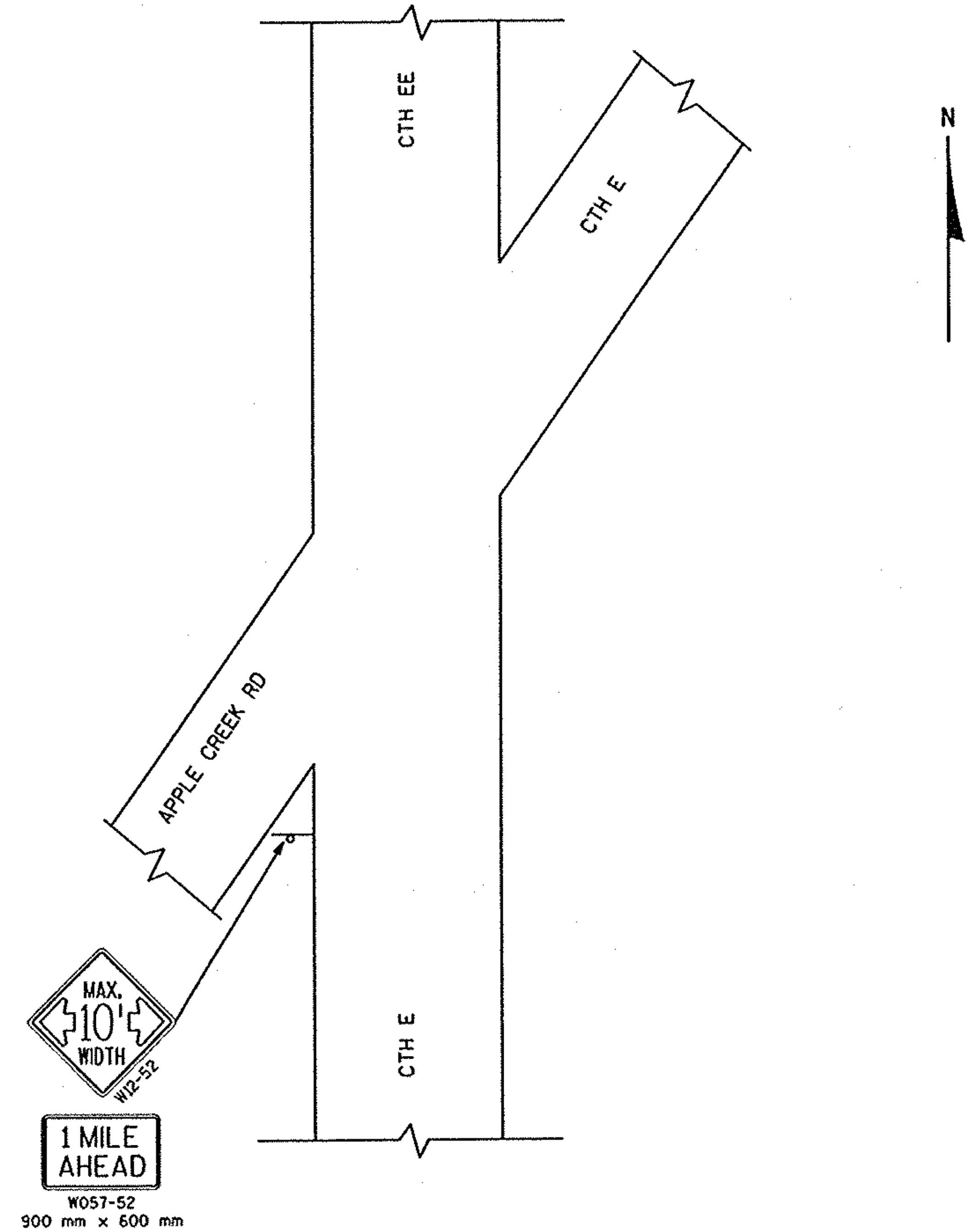
FILE NAME: E1339A98/SHEETS /TRAFFIC /TD01 .2DG TECH/ENGR: DPP/SDC PLOT DATE: 07/30/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 51, 56, 57, 59.
WISDOT: MSHT40

FILE NAME: E1339A93/SHEETS /TRAFFIC /TD02 .20G TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
LEVELS ON - 1. 51. 56. 57. 59.



DETAIL 3

EVERGREEN DRIVE



DETAIL 4

LEGEND:

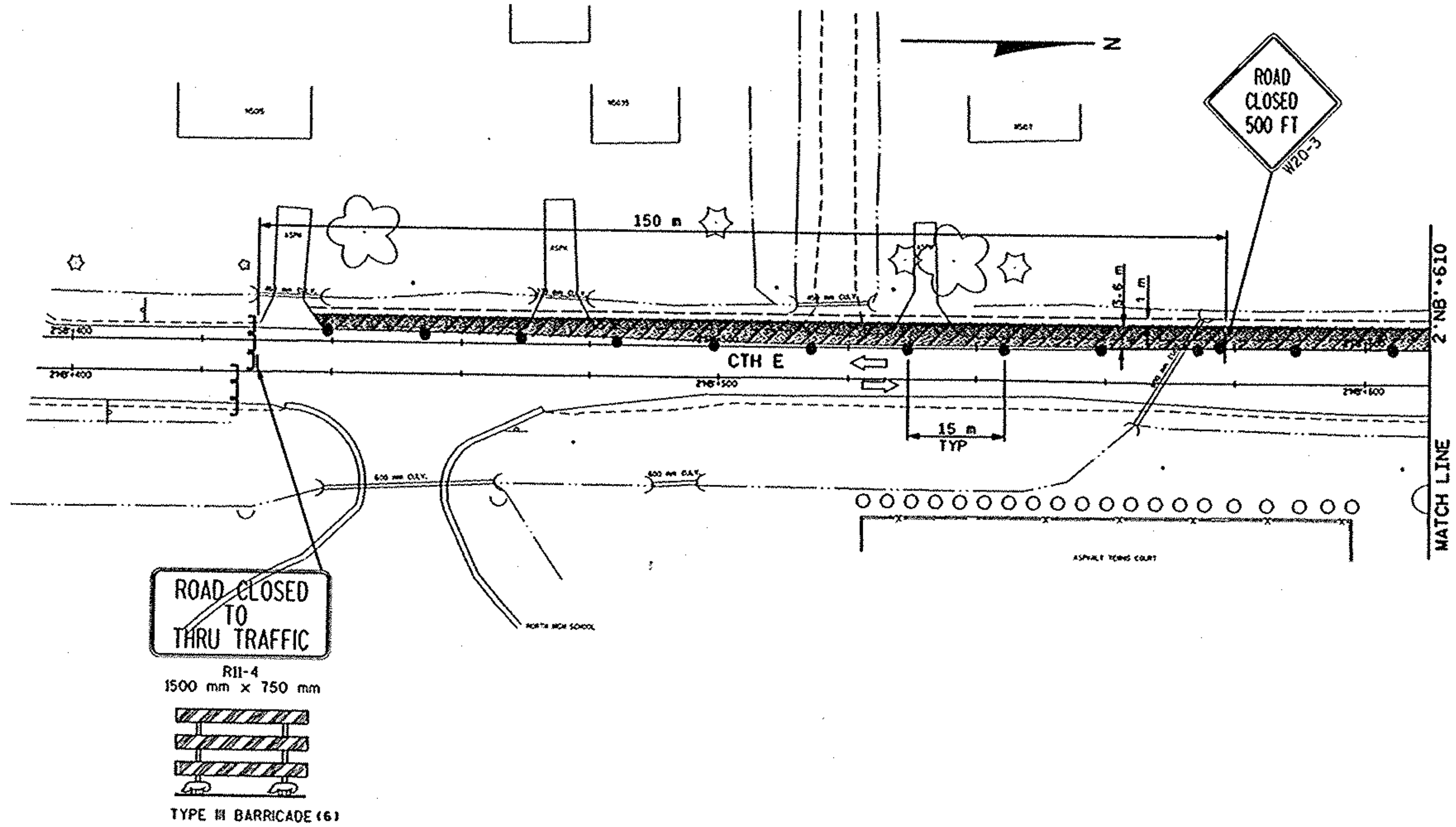
- SIGN MOUNTED ON POST
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- WORK AREA
- FLAG, 400 mm X 400 mm

NOTES FOR TRAFFIC CONTROL:

1) ALL SIGNS SHALL BE 1200mm x 1200mm UNLESS OTHERWISE NOTED.
2) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING THE SIGNS SHALL BE INCIDENTAL TO THE TRAFFIC CONTROL. (L.S.)
5) ALL TEMPORARY PAVEMENT MARKING DIAGONALLY CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVEABLE TAPE. TEMPORARY PAVEMENT MARKING PARALLEL TO PERMANENT LANES SHALL BE PAINT UNLESS OHERWISE NOTED. ALL CONFLICTING EXISTING PAVEMENT MARKING SHALL BE REMOVED.
6) NUMBER OF BARRICADES REQUIRED IS SHOWN IN PARENTHESIS AT EACH LOCATION.
7) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

TRAFFIC CONTROL DETAILS		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40



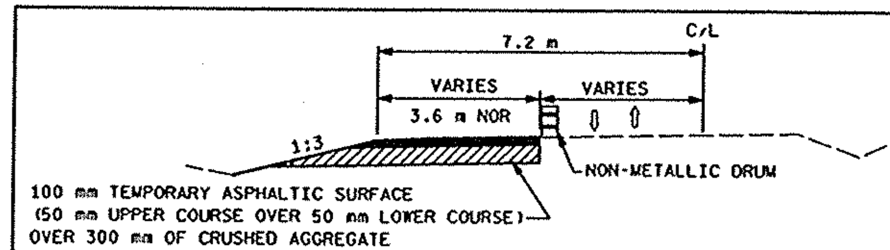
STAGE 1, PHASE 1

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

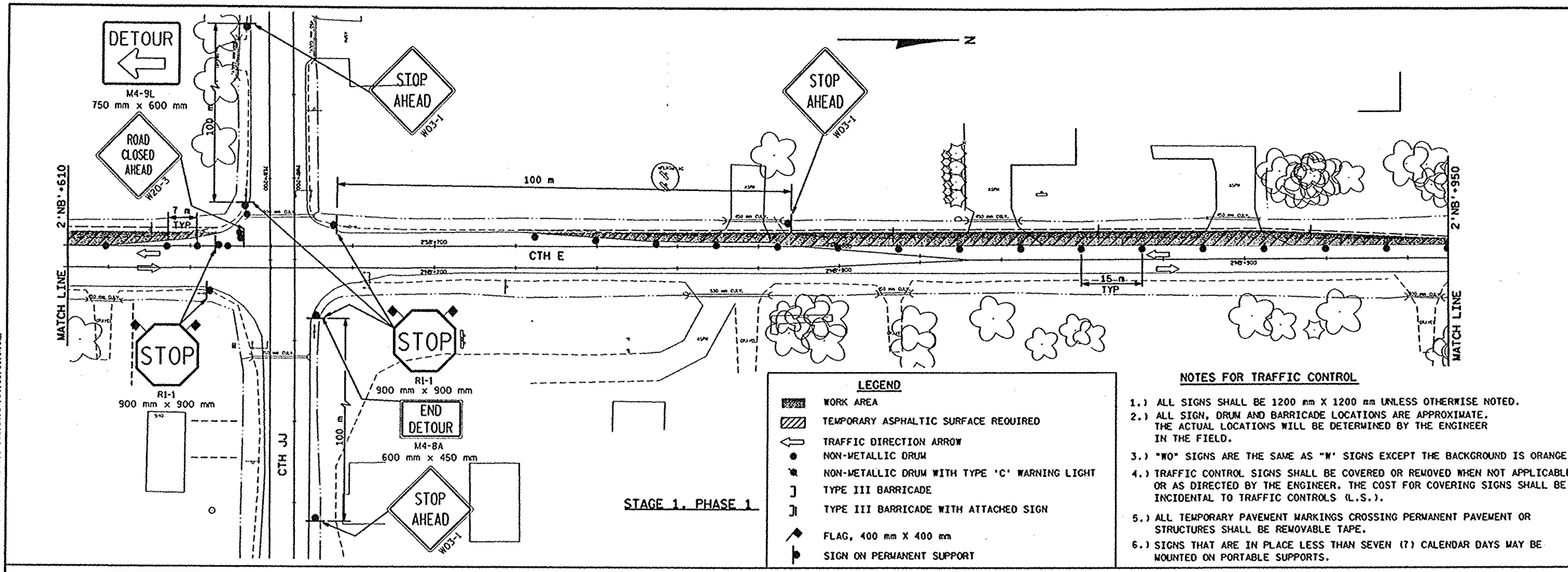


CTH E STAGE 1 / PHASE 1 CONSTRUCTION

TRAFFIC CONTROL - CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC01A .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99 PLOT SCALE:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

WISDOT: MSHT40

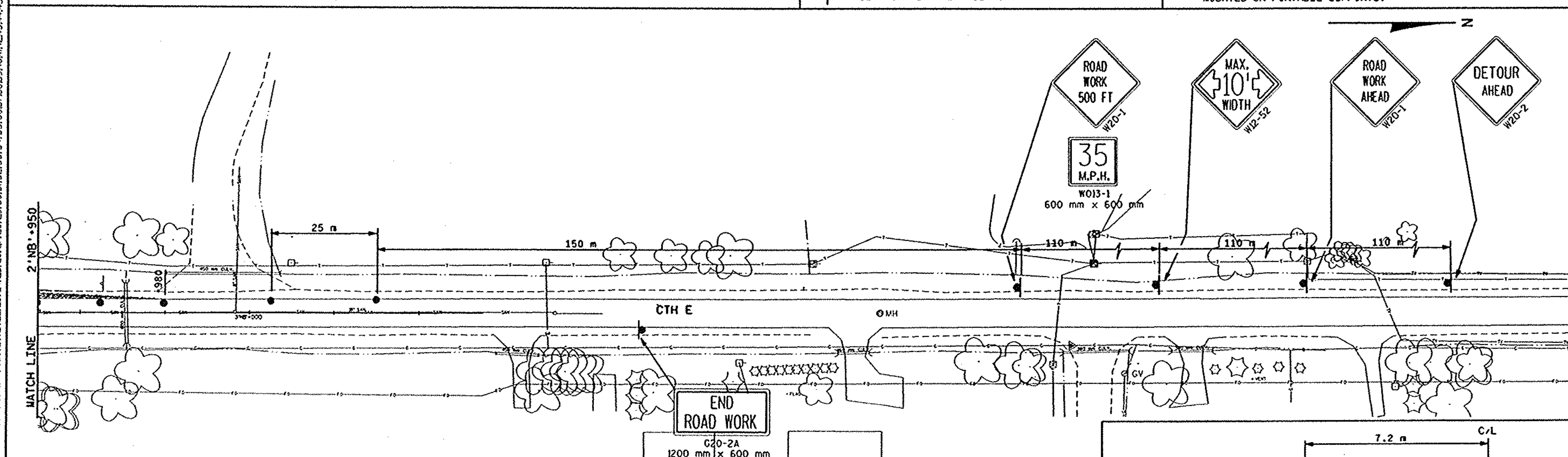


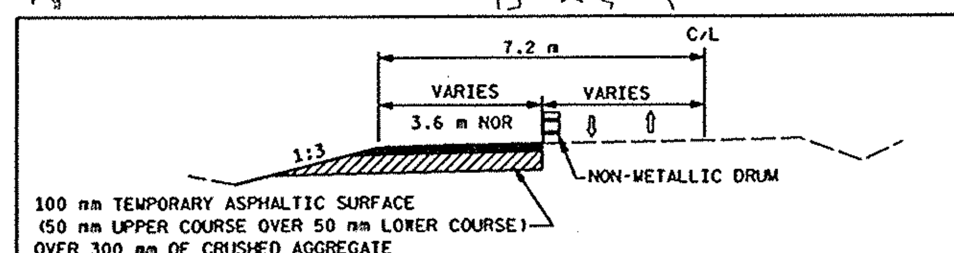
LEGEND

(symbol)	WORK AREA
(symbol)	TEMPORARY ASPHALTIC SURFACE REQUIRED
(symbol)	TRAFFIC DIRECTION ARROW
●	NON-METALLIC DRUM
(symbol)	NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
(symbol)	TYPE III BARRICADE
(symbol)	TYPE III BARRICADE WITH ATTACHED SIGN
(symbol)	FLAG, 400 mm X 400 mm
(symbol)	SIGN ON PERMANENT SUPPORT

NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.





CTH E STAGE 1 / PHASE 1 CONSTRUCTION

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC01 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 08/04/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

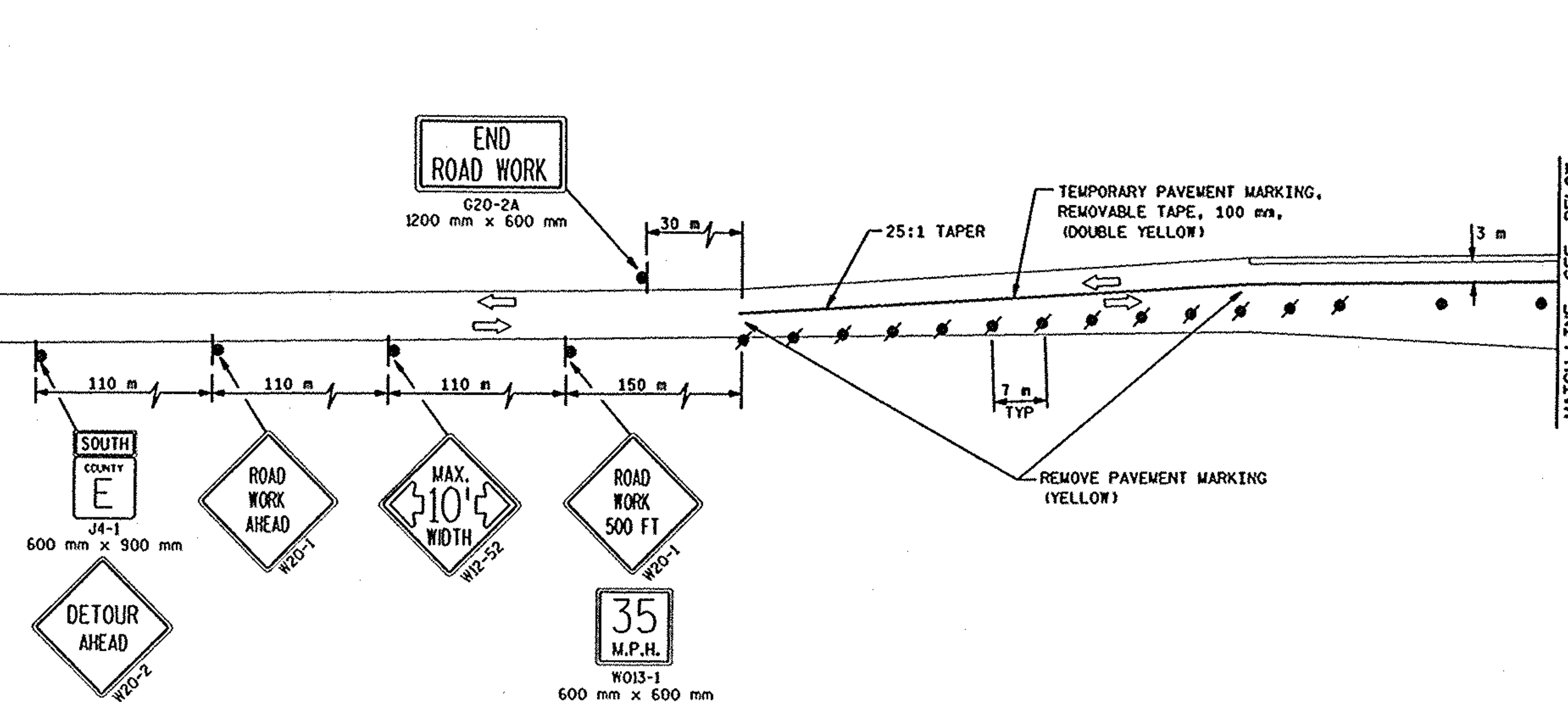
LEVELS ON : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

TRAFFIC CONTROL - CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WISDOT: MSHT40

LEGEND

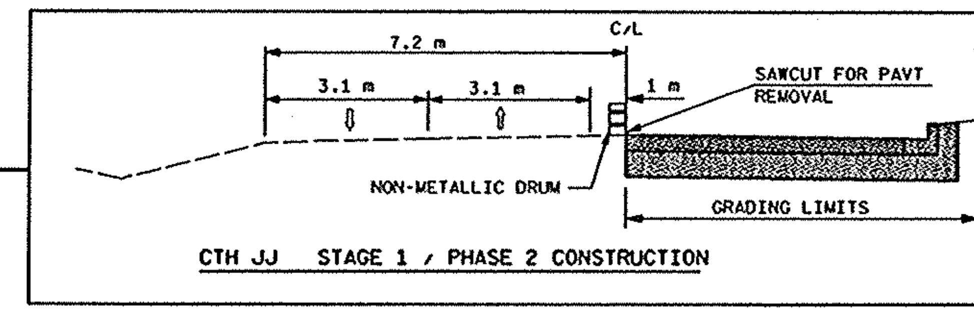
- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT



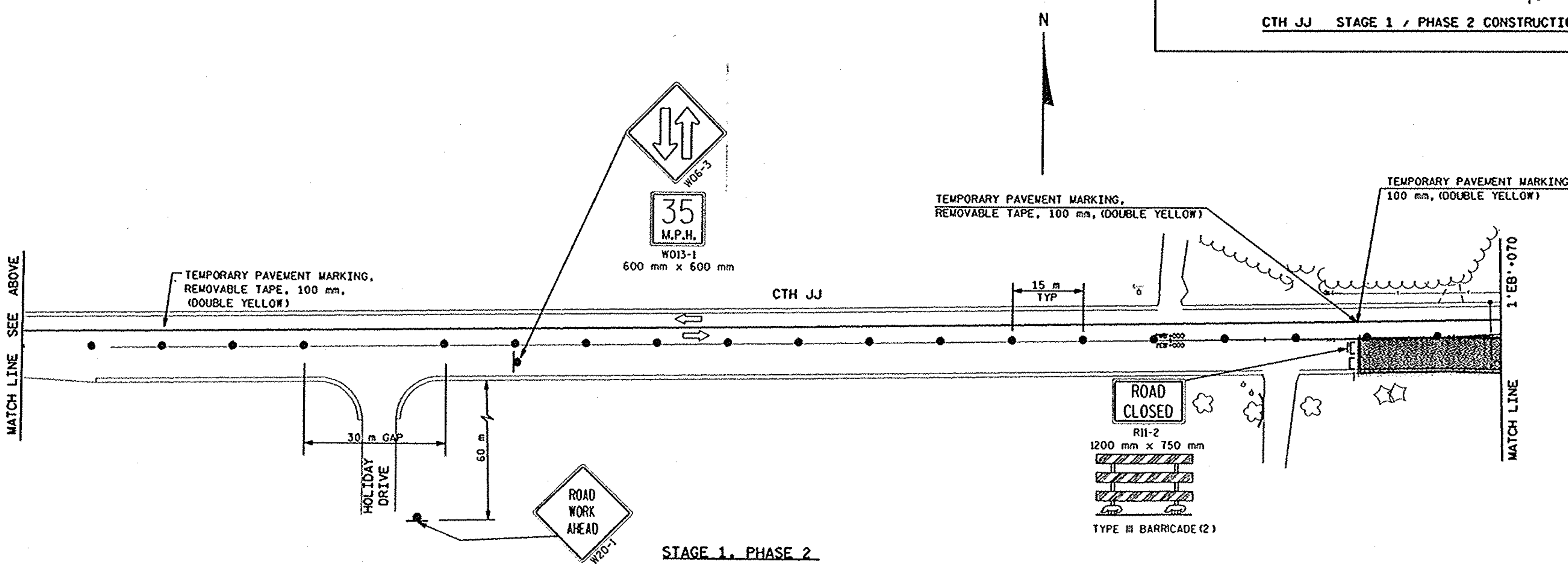
NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

STAGE 1, PHASE 2



CTH JJ STAGE 1 / PHASE 2 CONSTRUCTION

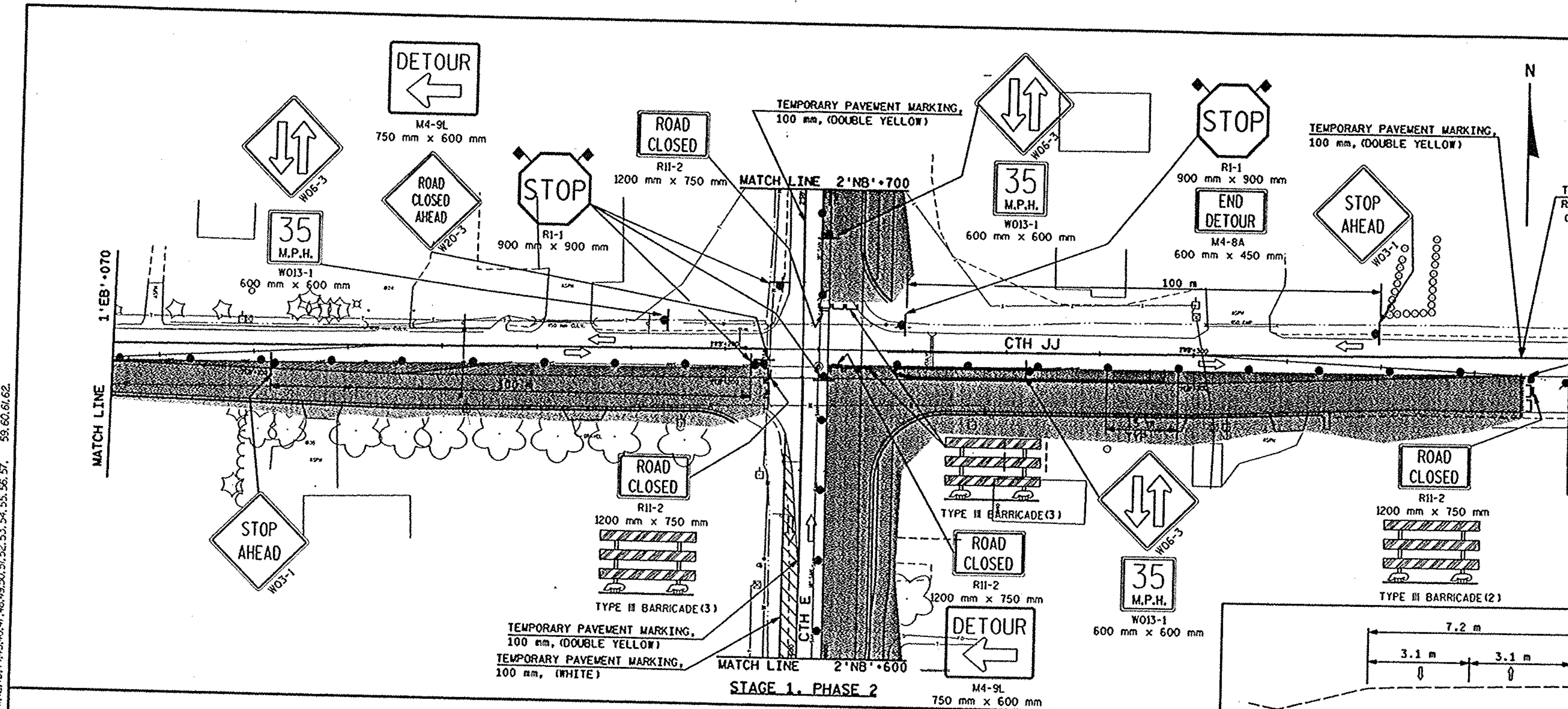


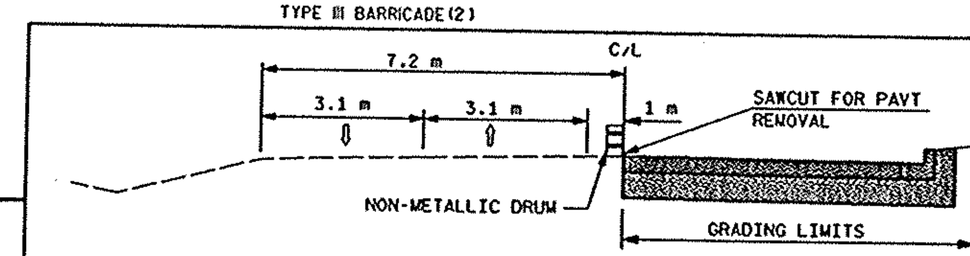
STAGE 1, PHASE 2

TRAFFIC CONTROL FOR CTH JJ	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: . M

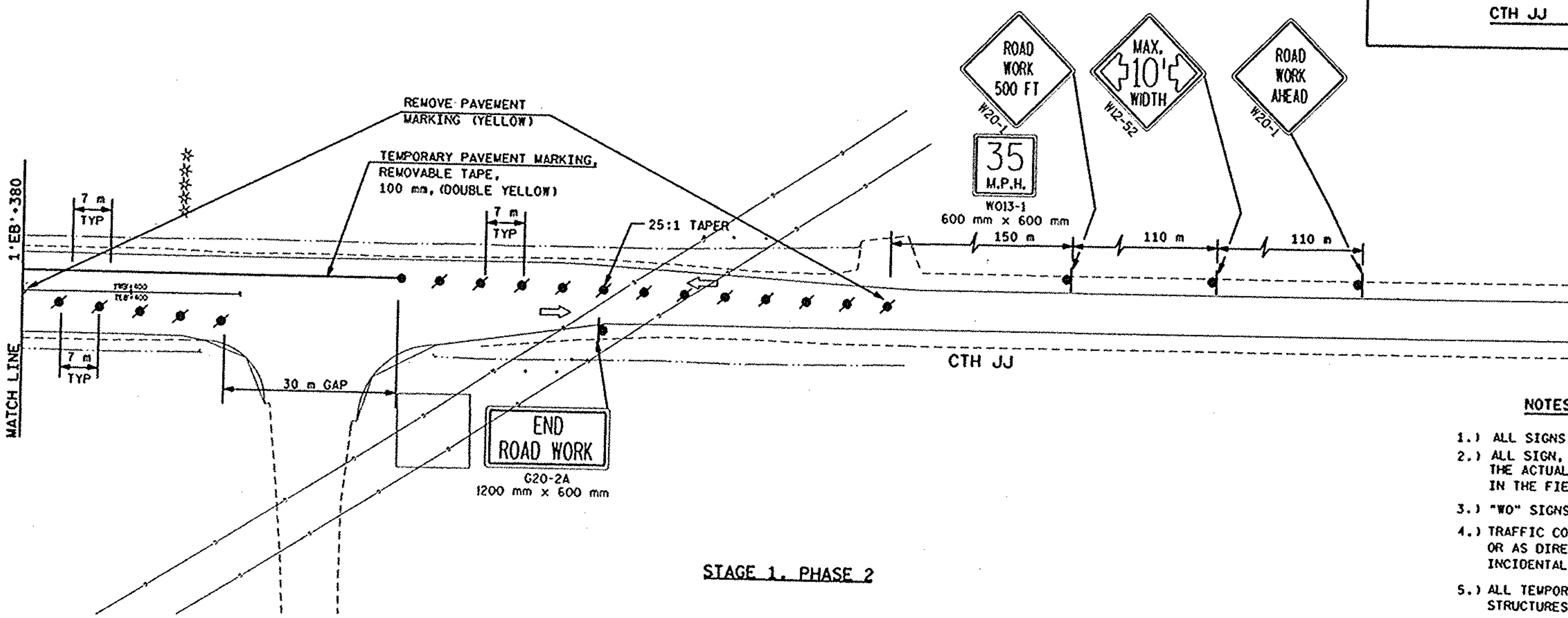
WisDOT: MSHT40

FILE NAME: JE1339A98/SHEETS /TRAFFIC /TC02 .DGN PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: OPP/SDC REV. DATE: / /99 PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62





CTH JJ STAGE 1 / PHASE 2 CONSTRUCTION



STAGE 1, PHASE 2

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

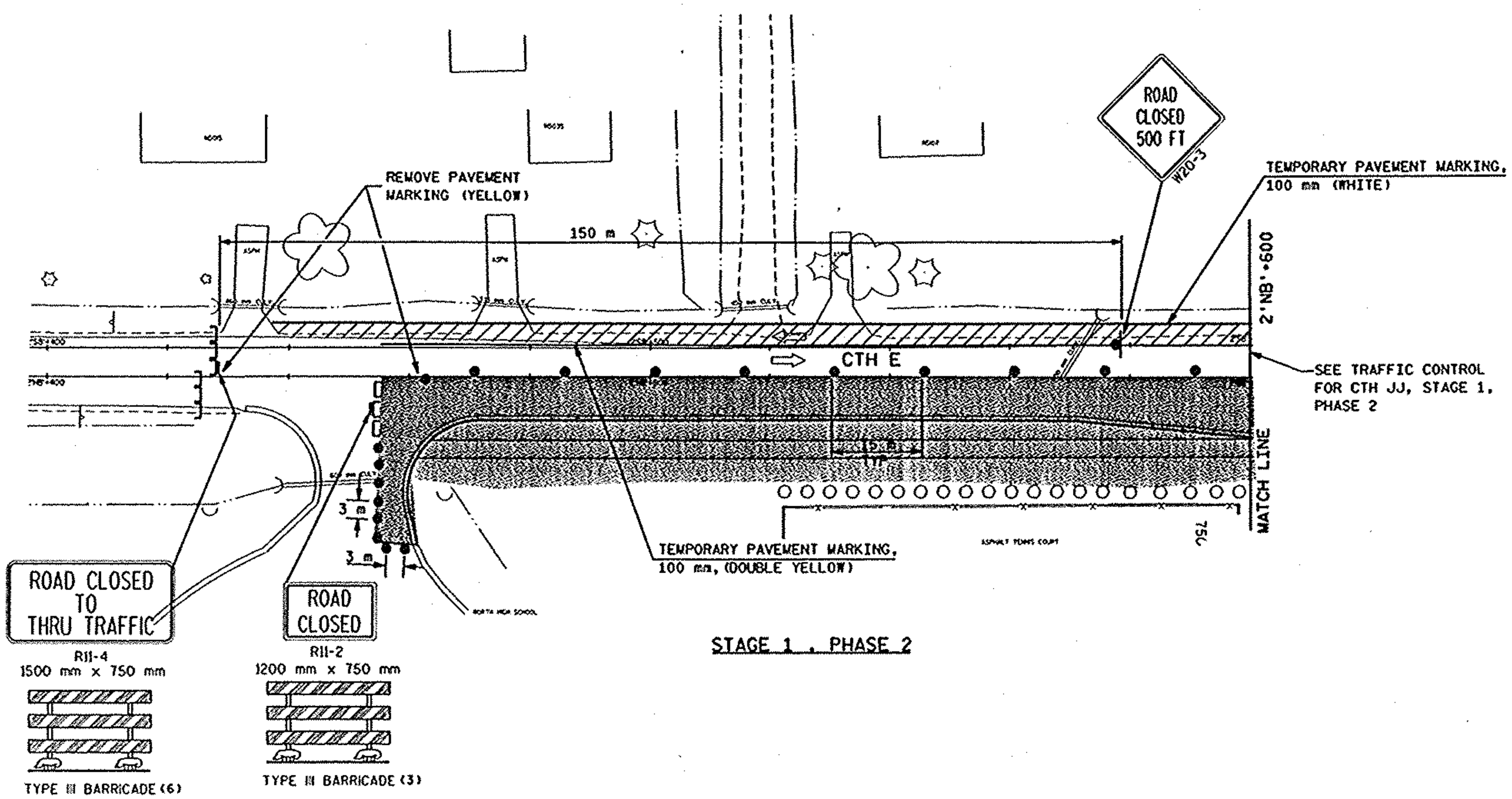
NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

TRAFFIC CONTROL FOR CTH JJ	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: . M

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC03 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /99 PLOT NAME: SEE FILE NAME
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62.

WISDOT: MSHT40



STAGE 1 , PHASE 2

NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
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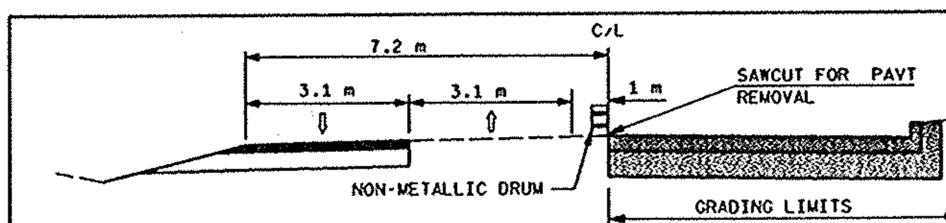
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

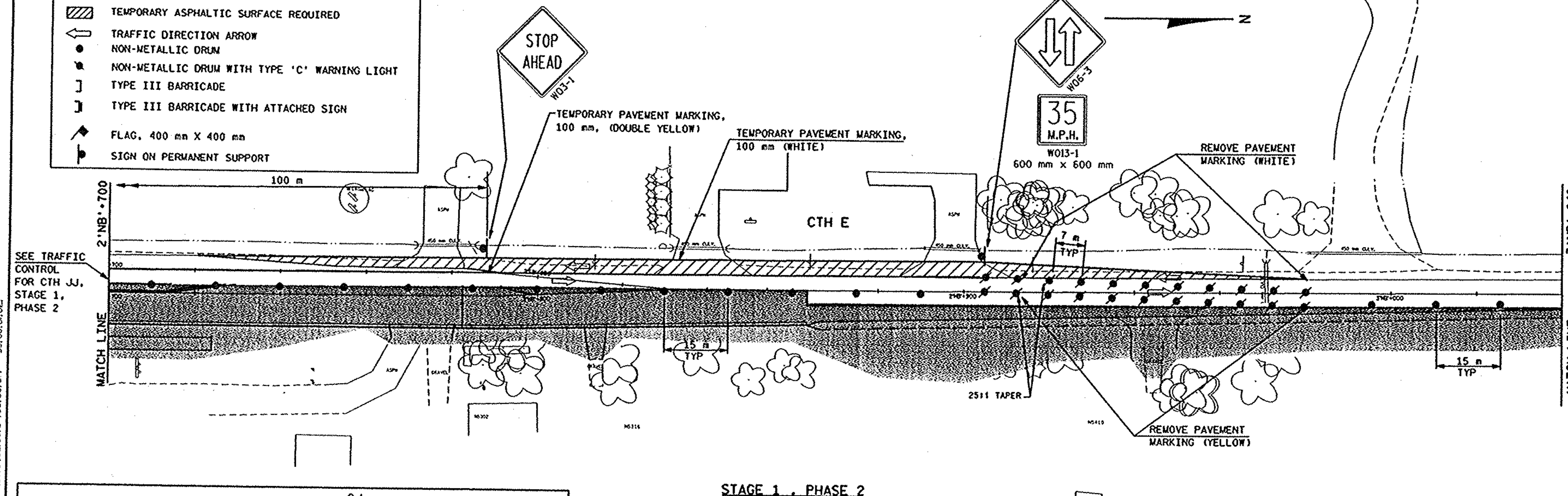


CTH E STAGE 1 / PHASE 2 CONSTRUCTION

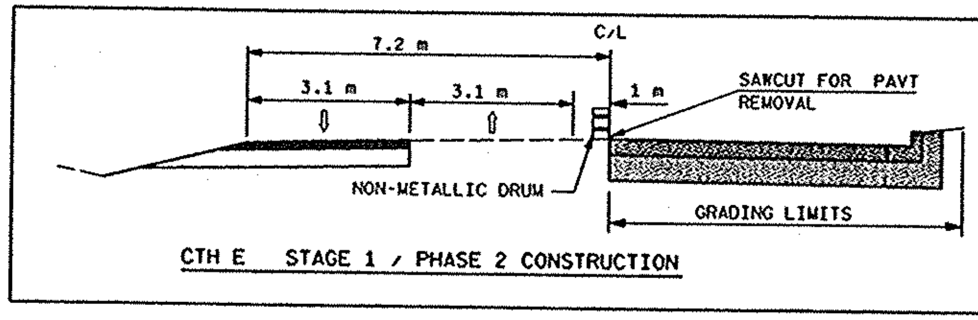
FILE NAME: E1339A98/SHEETS /TRAFFIC /TC04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

LEGEND

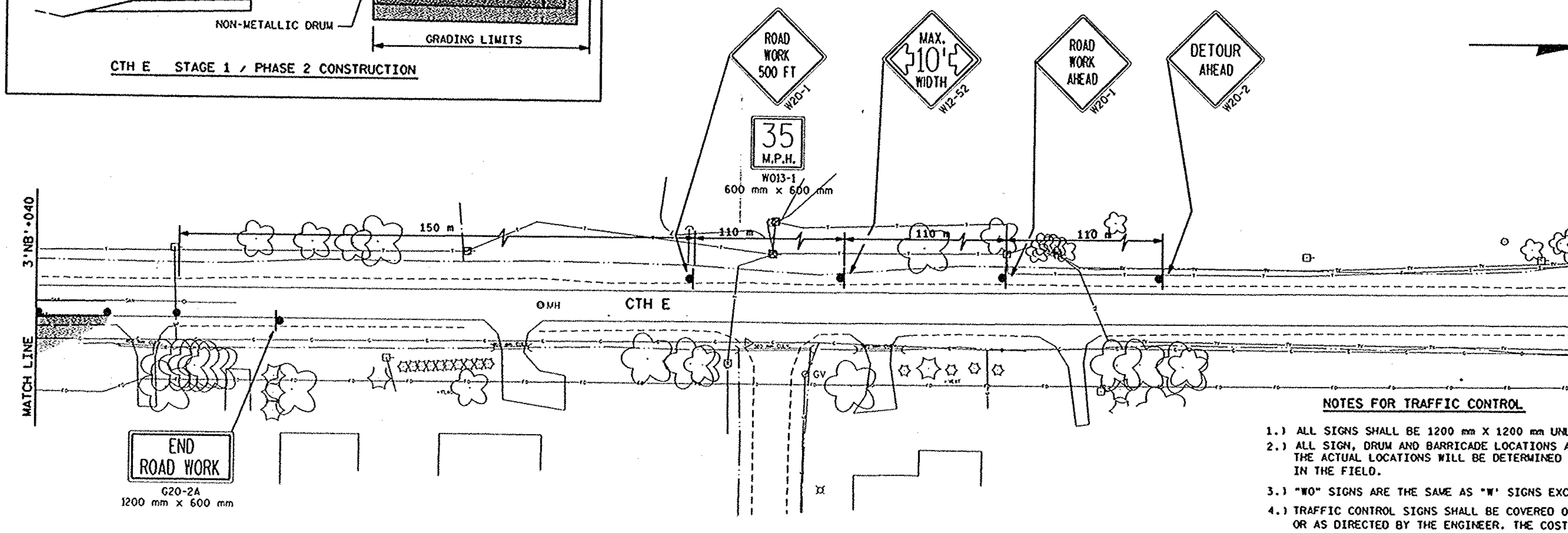
- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT



STAGE 1 , PHASE 2



CTH E STAGE 1 / PHASE 2 CONSTRUCTION



STAGE 1 , PHASE 2

NOTES FOR TRAFFIC CONTROL

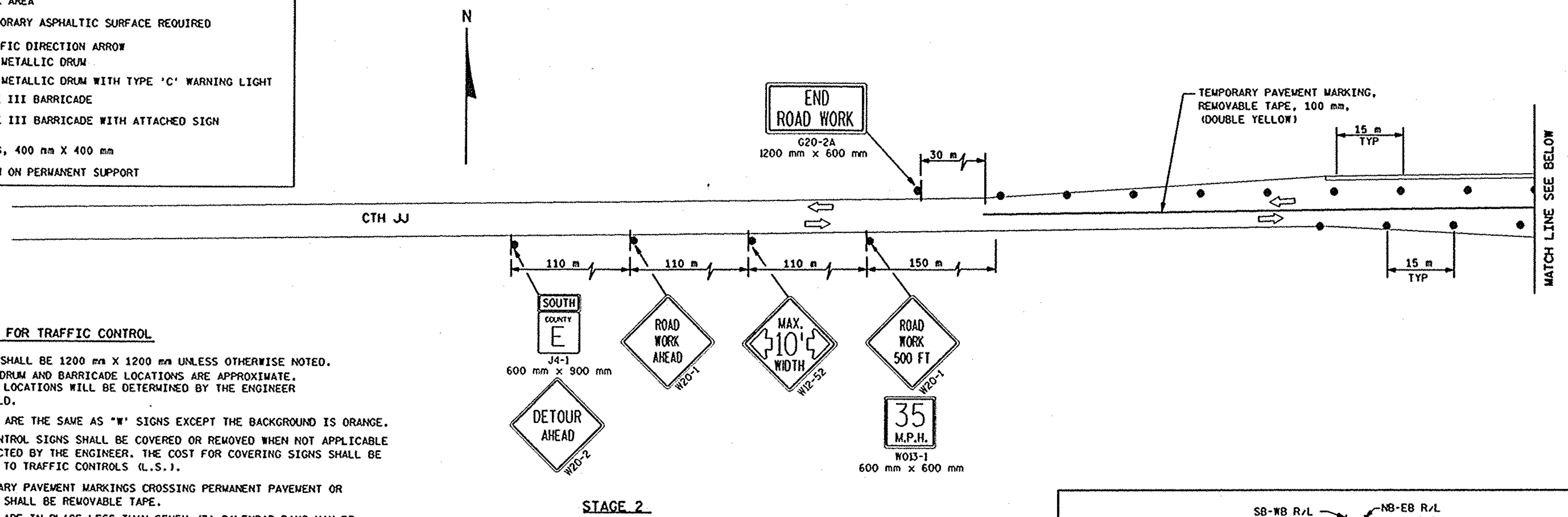
1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

TRAFFIC CONTROL FOR CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT



NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
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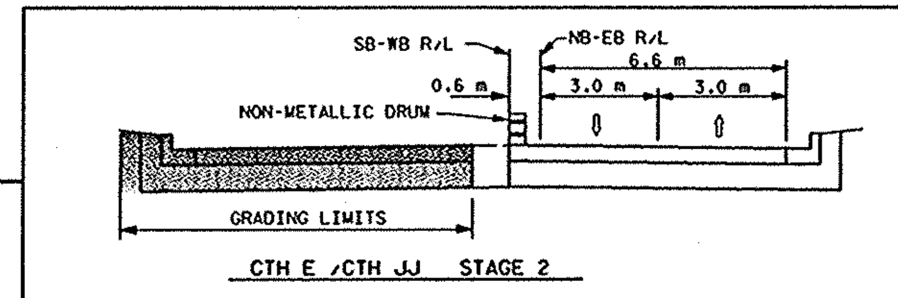
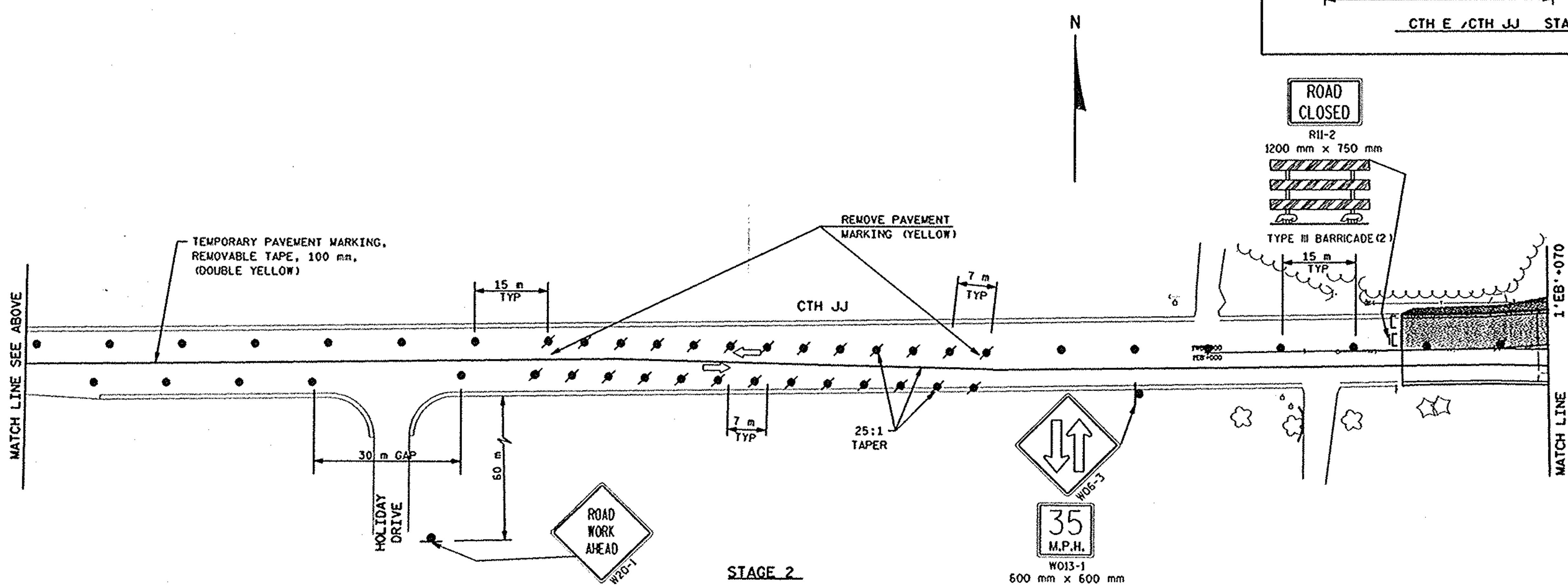
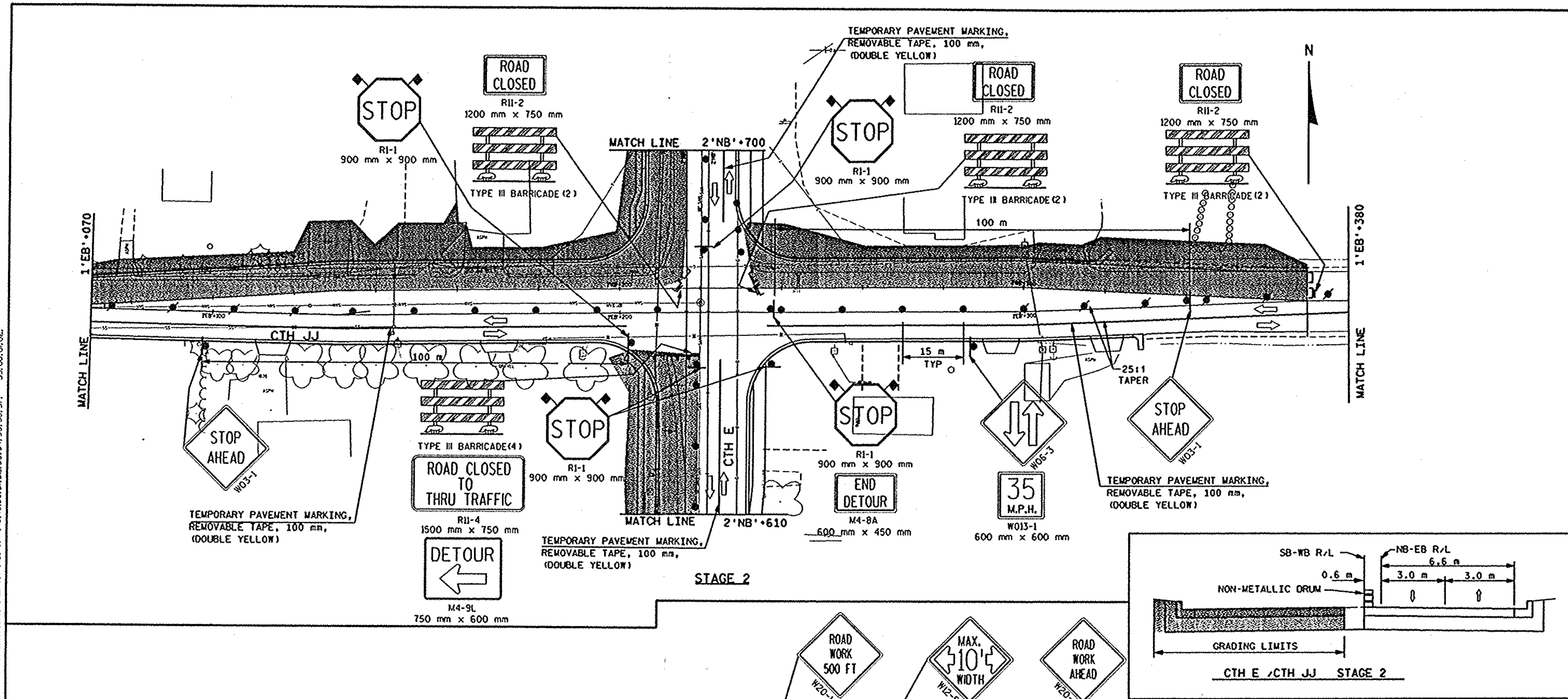


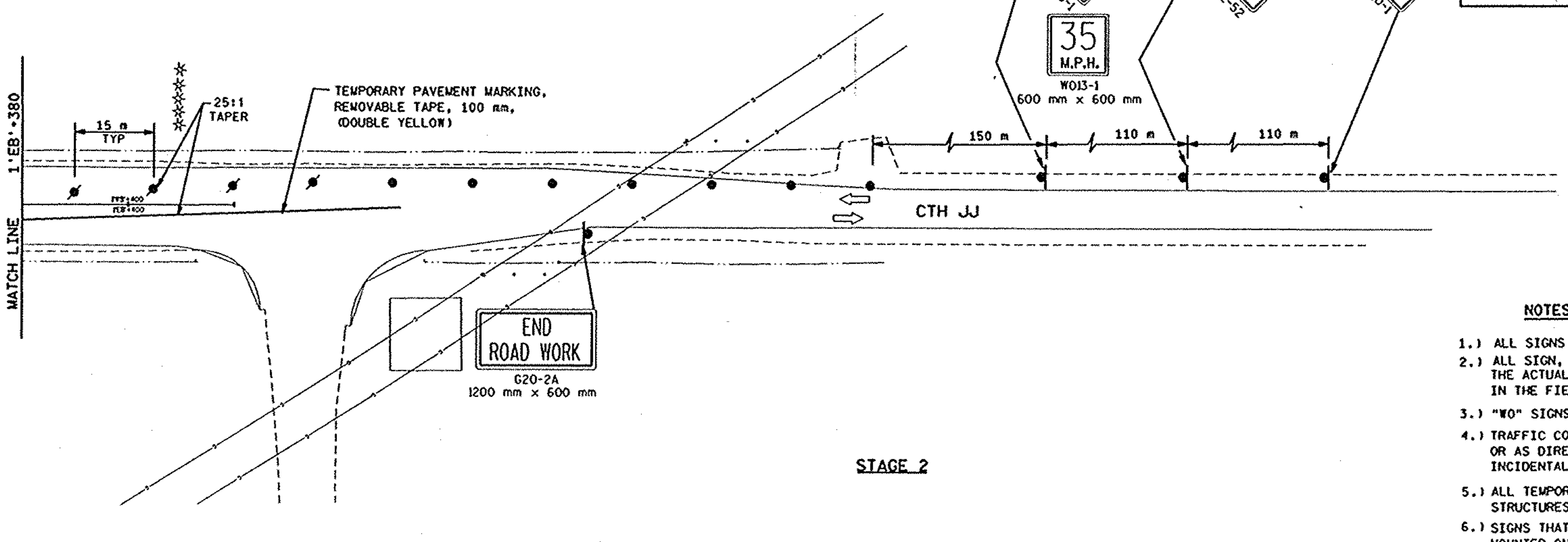


TRAFFIC CONTROL FOR CTH JJ	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC06 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /99 PLOT NAME: SEE FILE NAME
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,59,60,61,62

WisDOT: MSHT40





LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

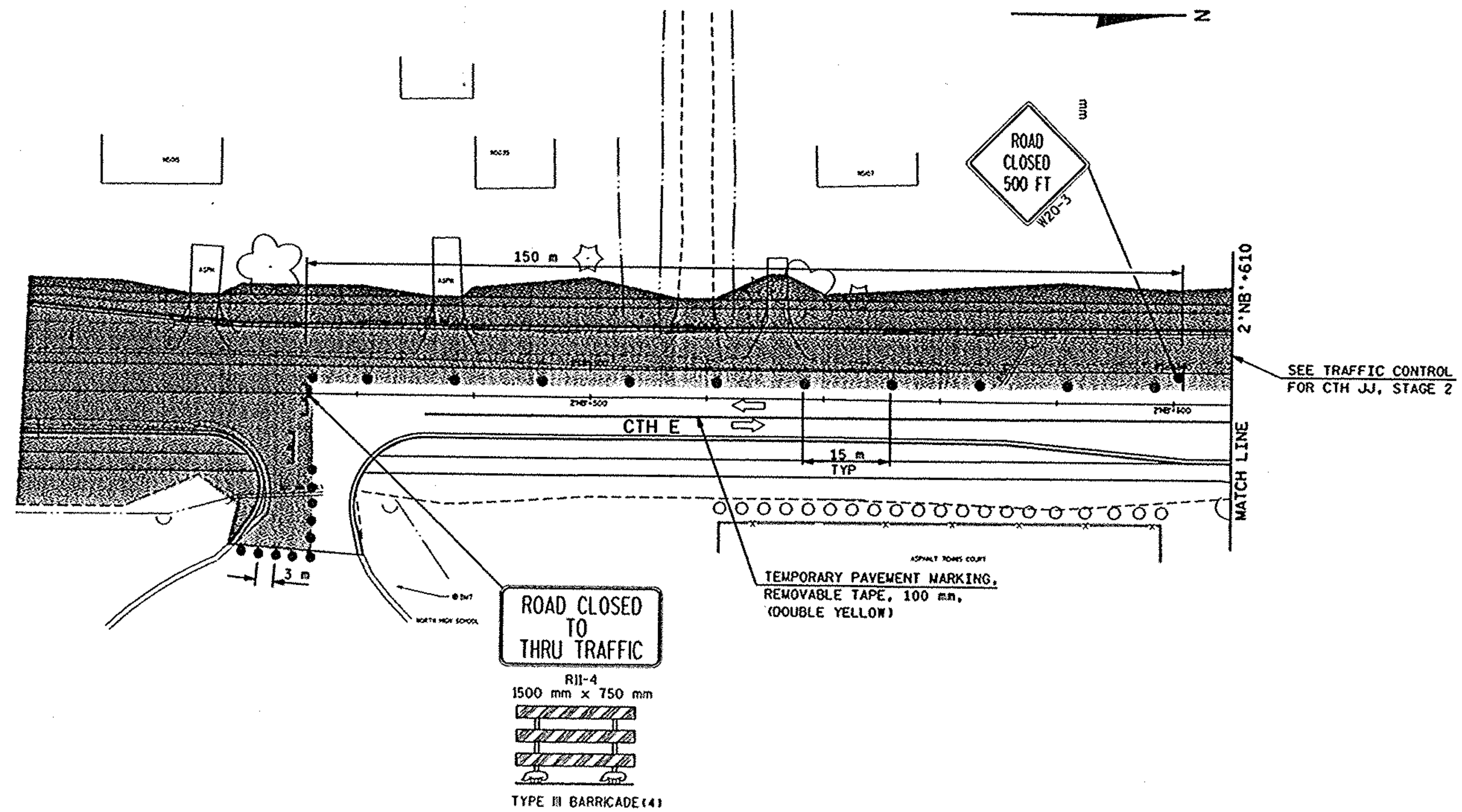
NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

TRAFFIC CONTROL FOR CTH JJ	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC07 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /99

WISDOT: MSHT40



STAGE 2

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
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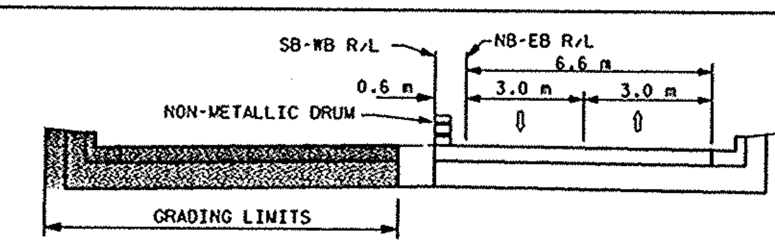
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

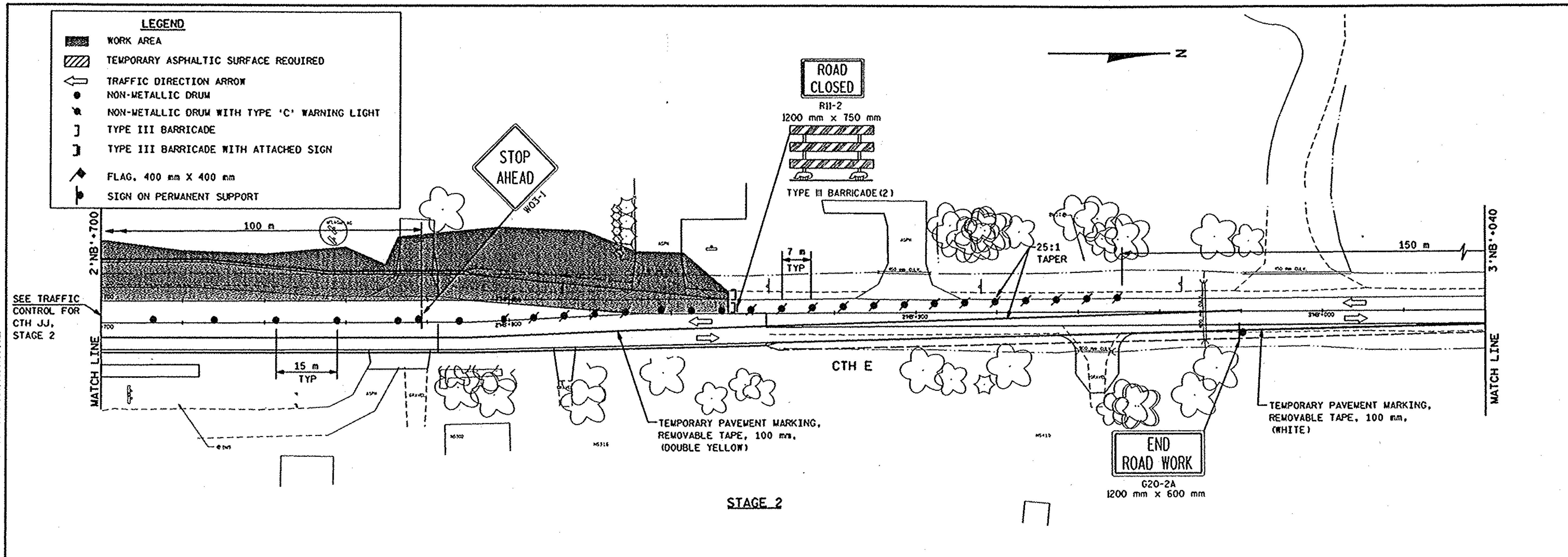


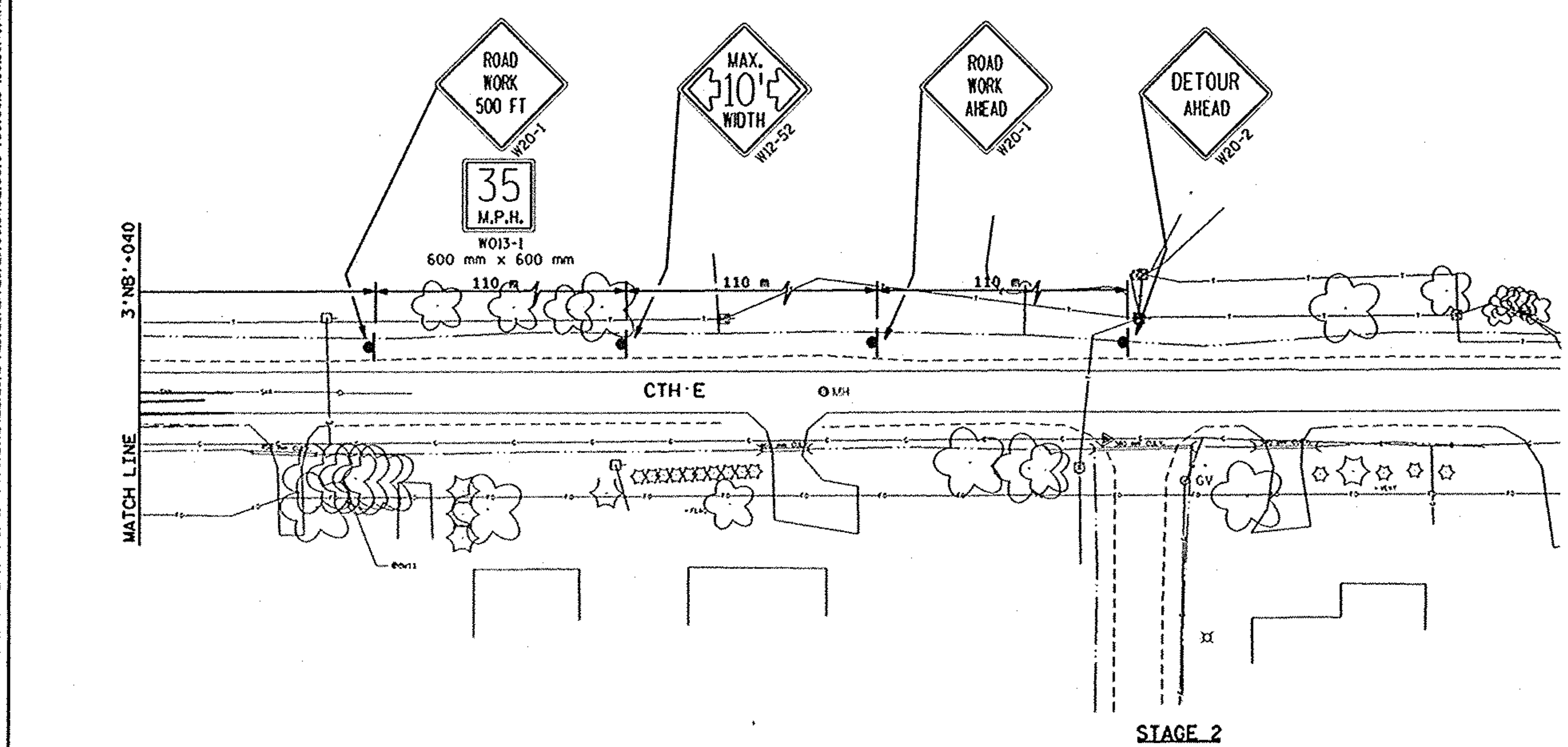
CTH E /CTH JJ STAGE 2

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC08A .DGN TECH/ENGR: OPP/SDC PLOT DATE: 07/22/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

TRAFFIC CONTROL FOR CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

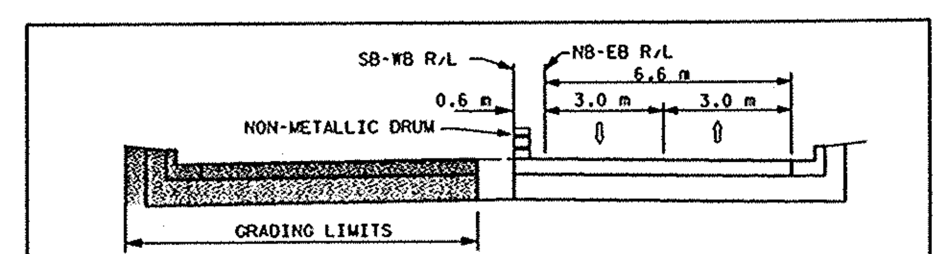




N

NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.



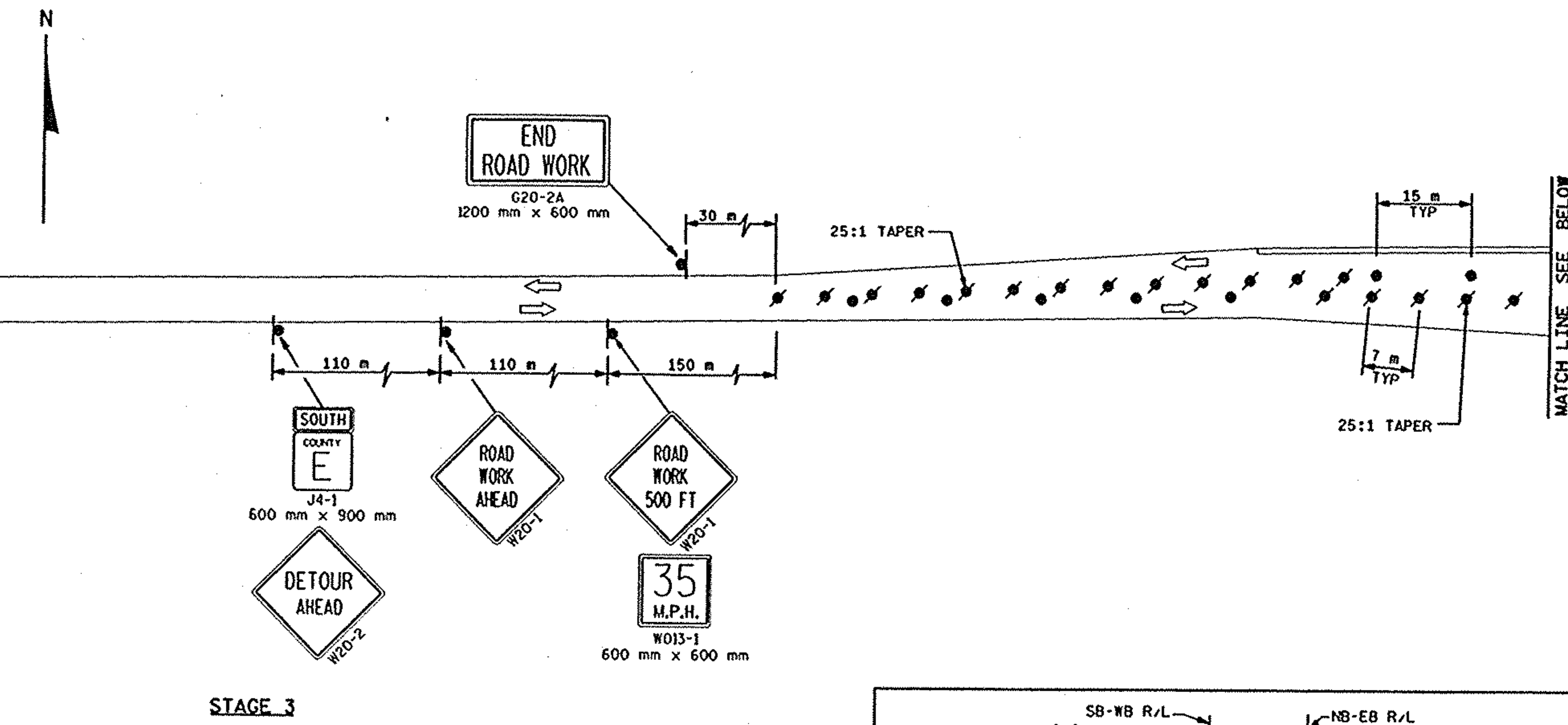
CTH E /CTH JJ STAGE 2

TRAFFIC CONTROL FOR CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: . M

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC08 .DGN TECH/ENGR: DPP/SR PLOT DATE: 10/14/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT



STAGE 3

NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
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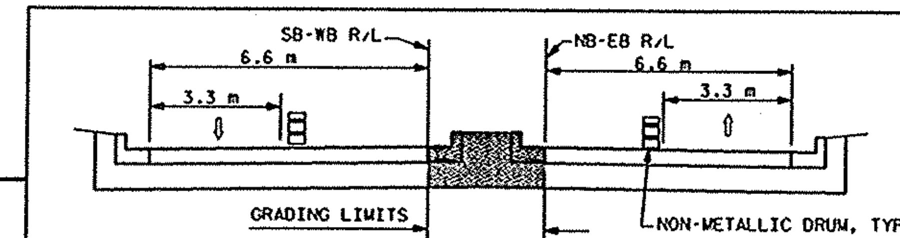
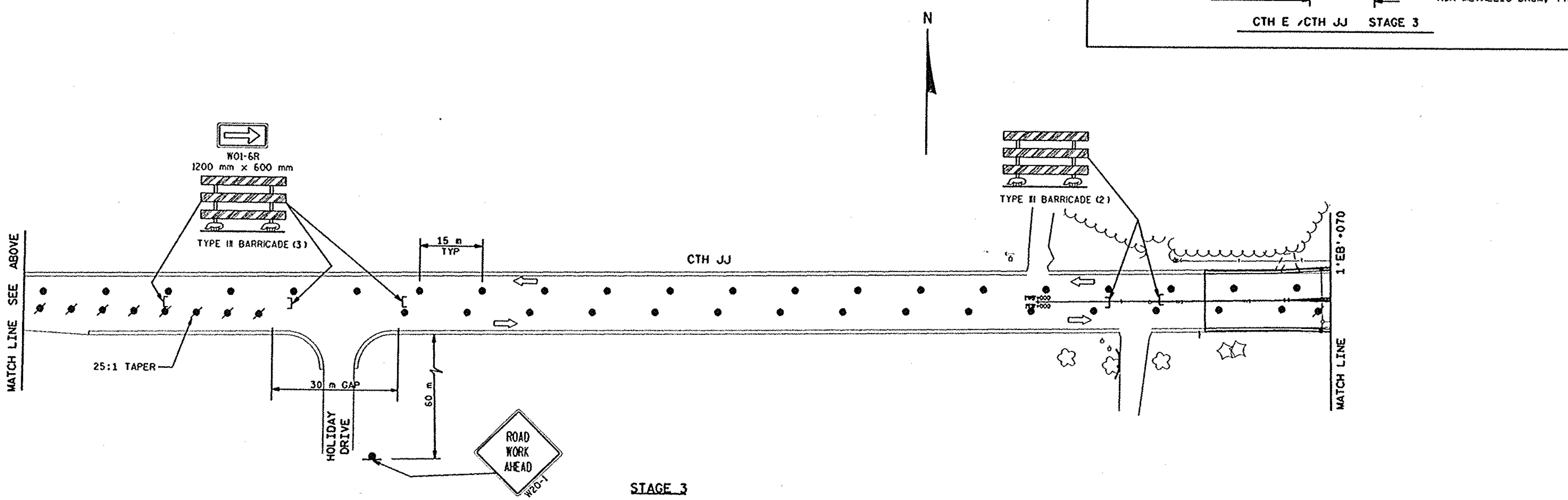
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.



CTH E /CTH JJ STAGE 3

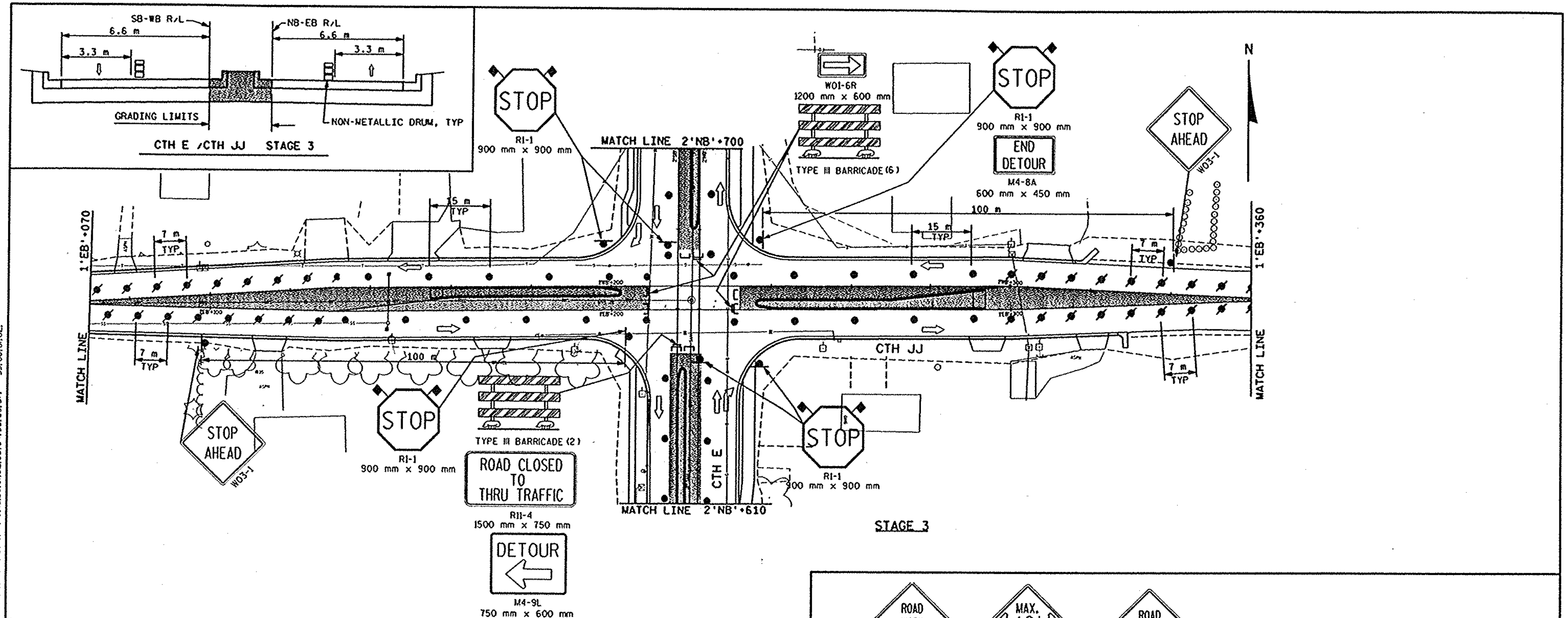


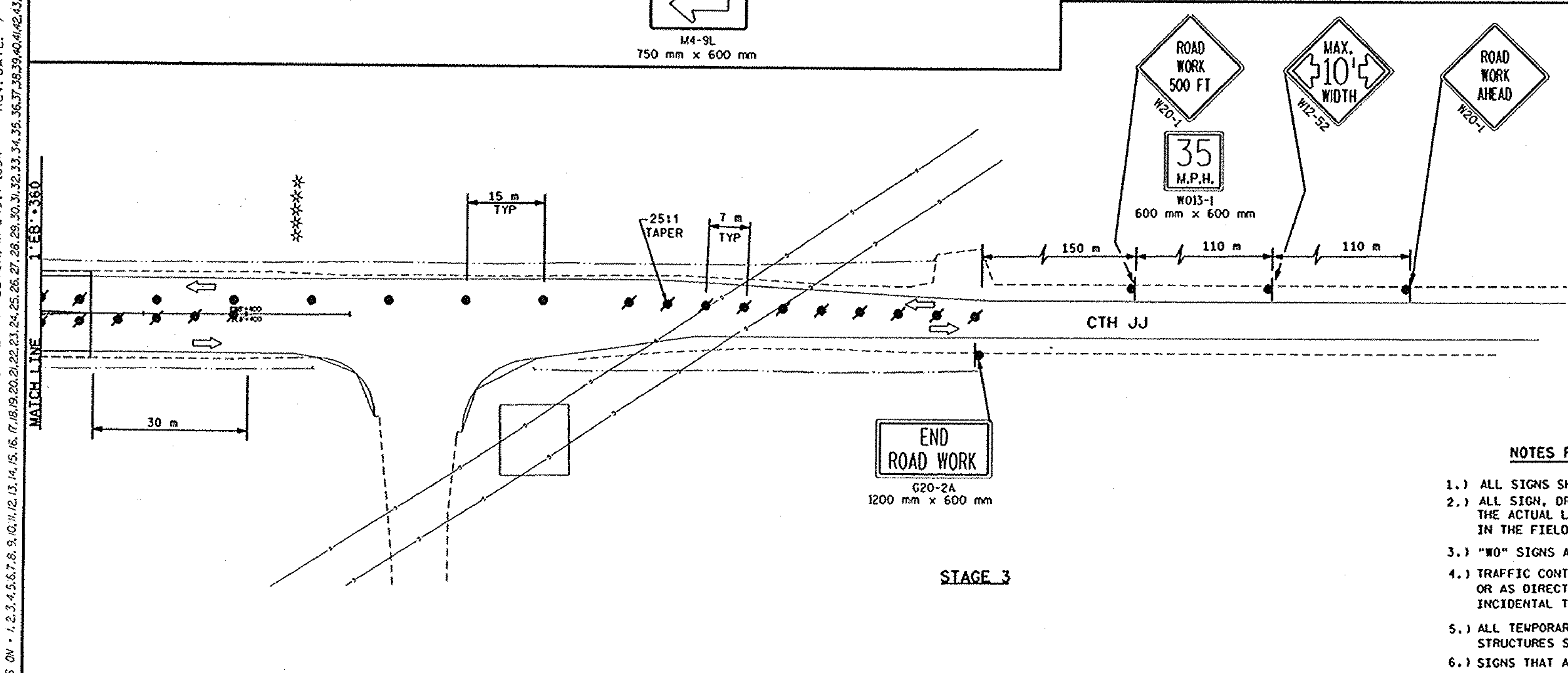
STAGE 3

TRAFFIC CONTROL FOR CTH JJ	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC10 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /99 PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

WISDOT: MSHT4





LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

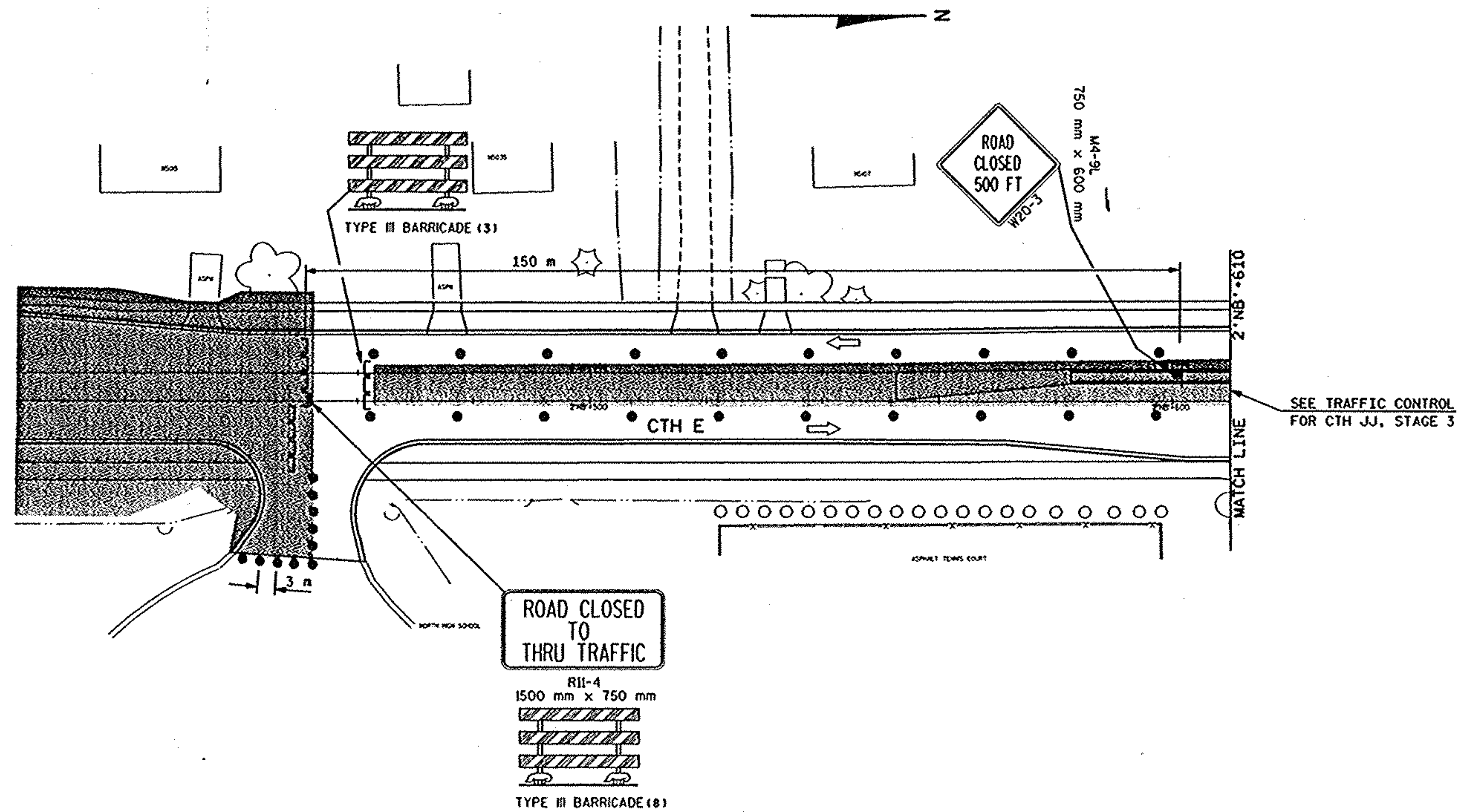
NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
3.) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4.) TRAFFIC CONTROL SIGNS SHALL BE COVERED OR REMOVED WHEN NOT APPLICABLE OR AS DIRECTED BY THE ENGINEER. THE COST FOR COVERING SIGNS SHALL BE INCIDENTAL TO TRAFFIC CONTROLS (L.S.).
5.) ALL TEMPORARY PAVEMENT MARKINGS CROSSING PERMANENT PAVEMENT OR STRUCTURES SHALL BE REMOVABLE TAPE.
6.) SIGNS THAT ARE IN PLACE LESS THAN SEVEN (7) CALENDAR DAYS MAY BE MOUNTED ON PORTABLE SUPPORTS.

FILE NAME: PE1339A98/SHEETS /TRAFFIC /TC11 .DGN TECH/ENGR: DPP/SDG PLOT DATE: 07/22/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OWNN ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /99

TRAFFIC CONTROL FOR CTH JJ	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40



STAGE 3

LEGEND

- WORK AREA
- TEMPORARY ASPHALTIC SURFACE REQUIRED
- TRAFFIC DIRECTION ARROW
- NON-METALLIC DRUM
- NON-METALLIC DRUM WITH TYPE 'C' WARNING LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAG, 400 mm X 400 mm
- SIGN ON PERMANENT SUPPORT

NOTES FOR TRAFFIC CONTROL

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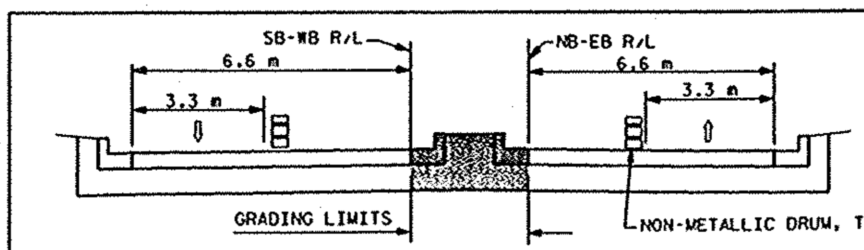


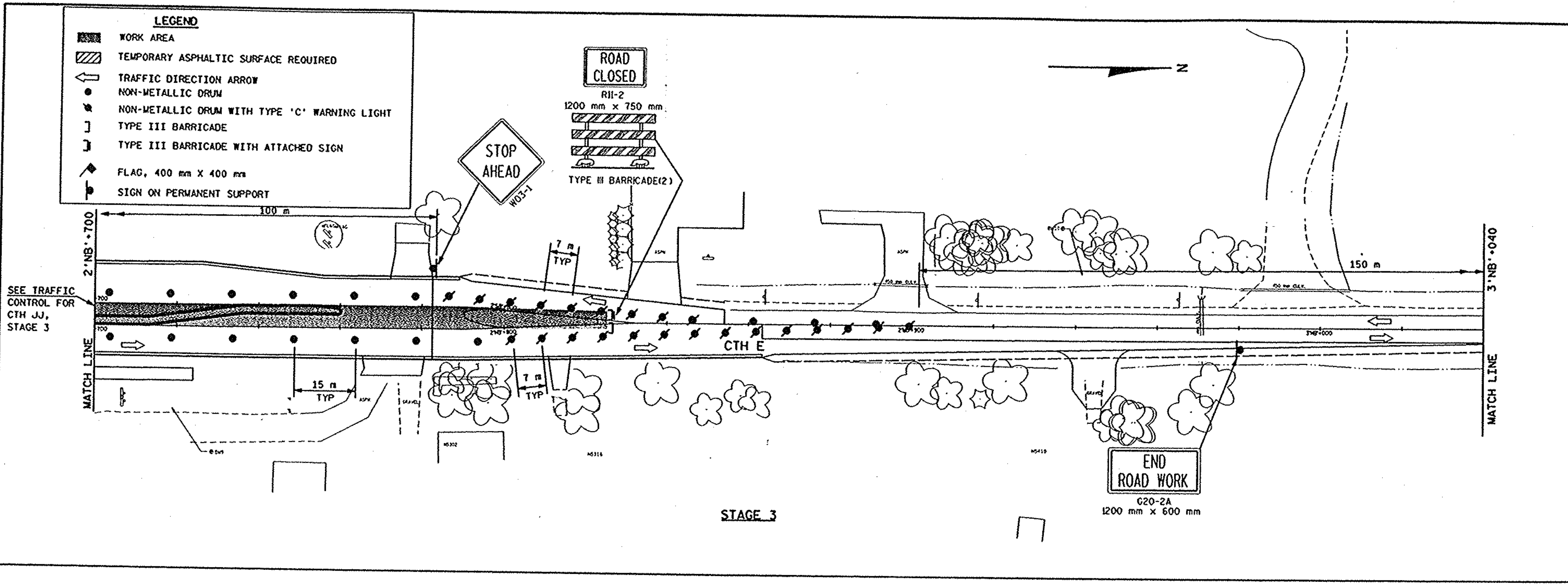
CTH E /CTH JJ STAGE 3

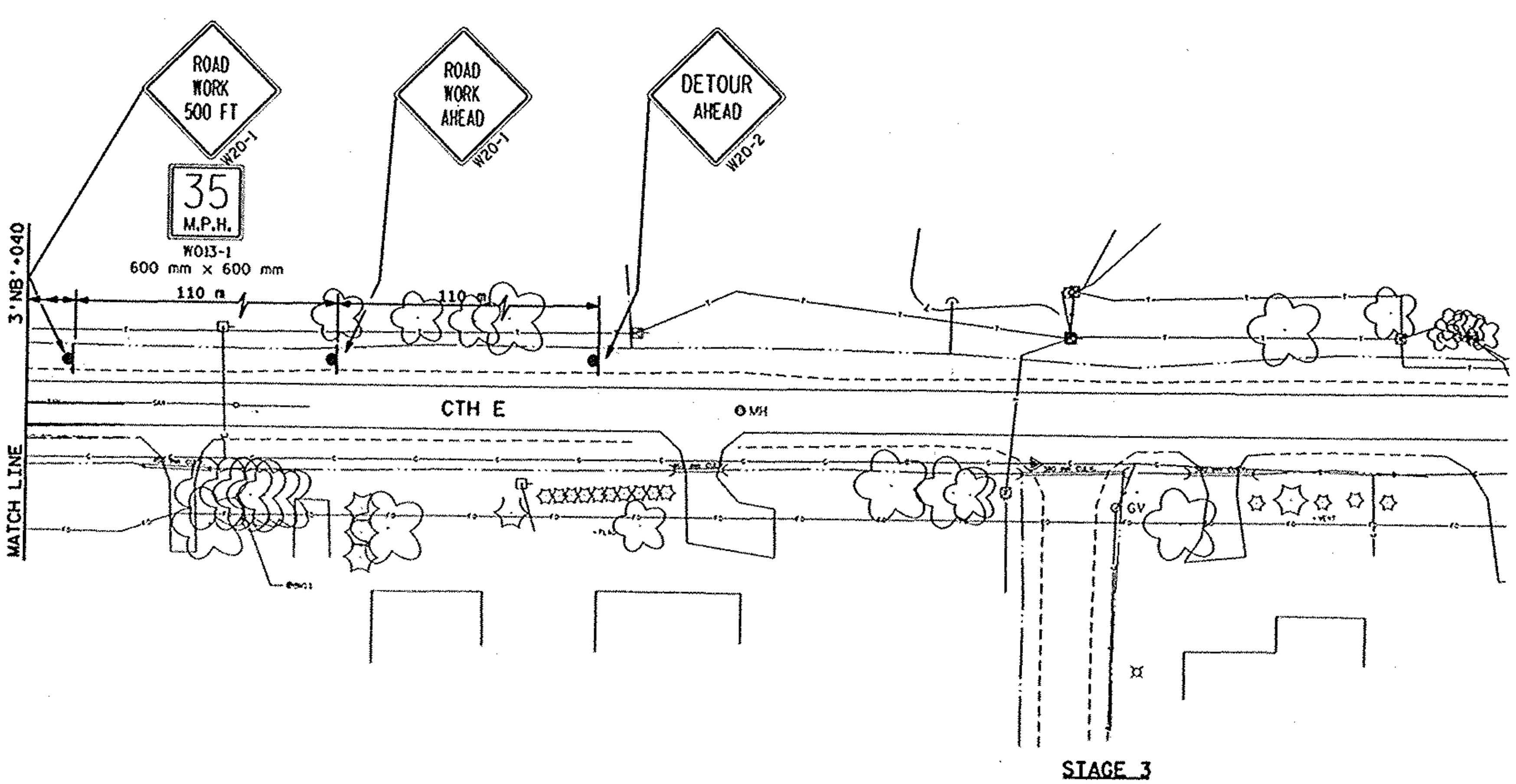
TRAFFIC CONTROL FOR CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339498/SHEETS /TRAFFIC /TC11A .DCN TECH/ENGR: DPR/SDC PLOT DATE: 10/14/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /TRAFFIC /TC12 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 07/22/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME





NOTES FOR TRAFFIC CONTROL

1.) ALL SIGNS SHALL BE 1200 mm X 1200 mm UNLESS OTHERWISE NOTED.
2.) ALL SIGN, DRUM AND BARRICADE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
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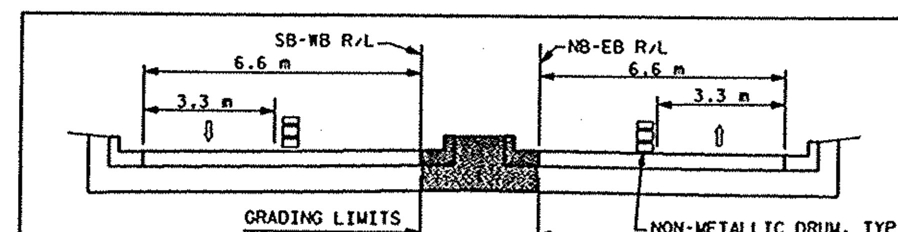
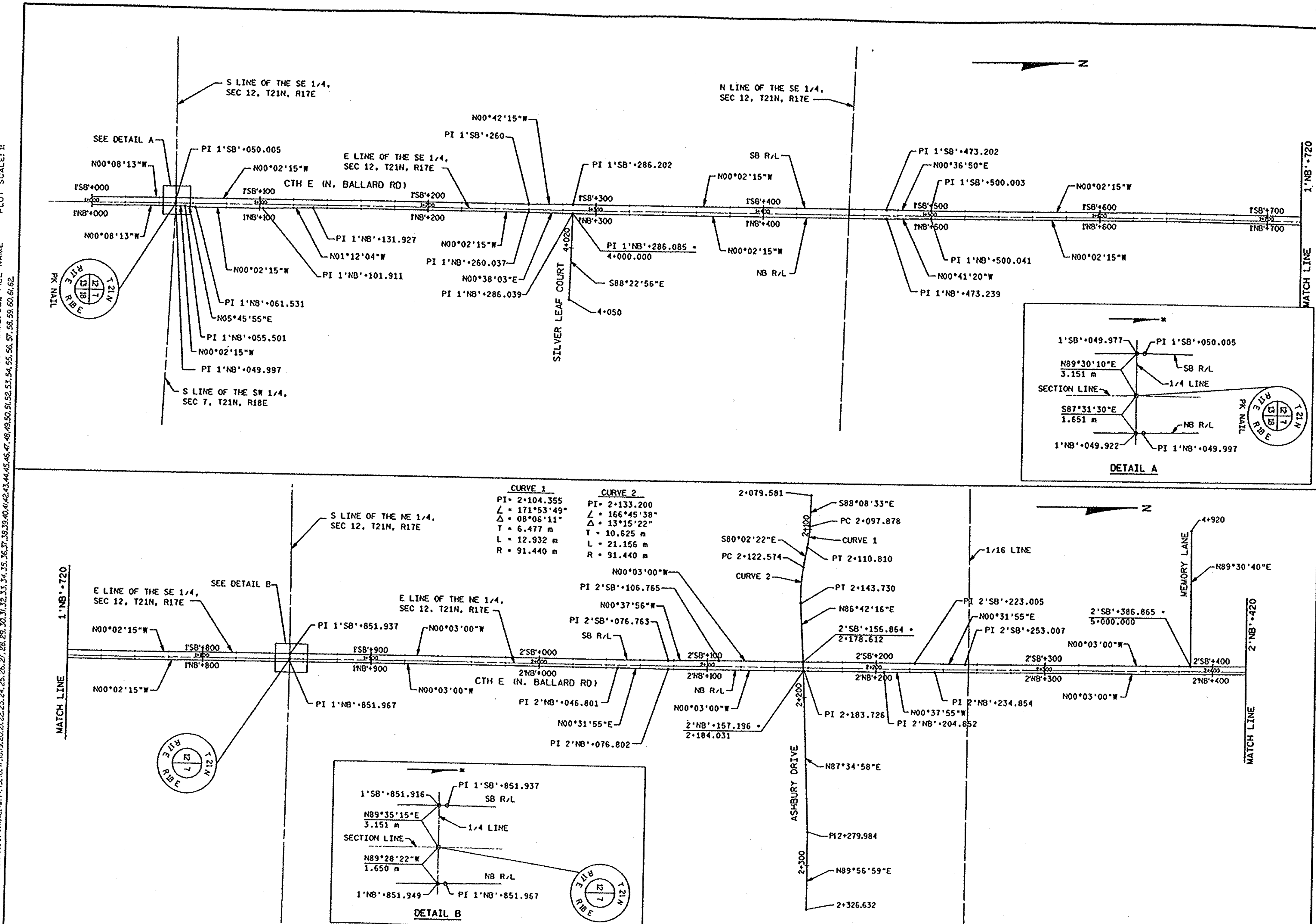


CTH E /CTH JJ STAGE 3

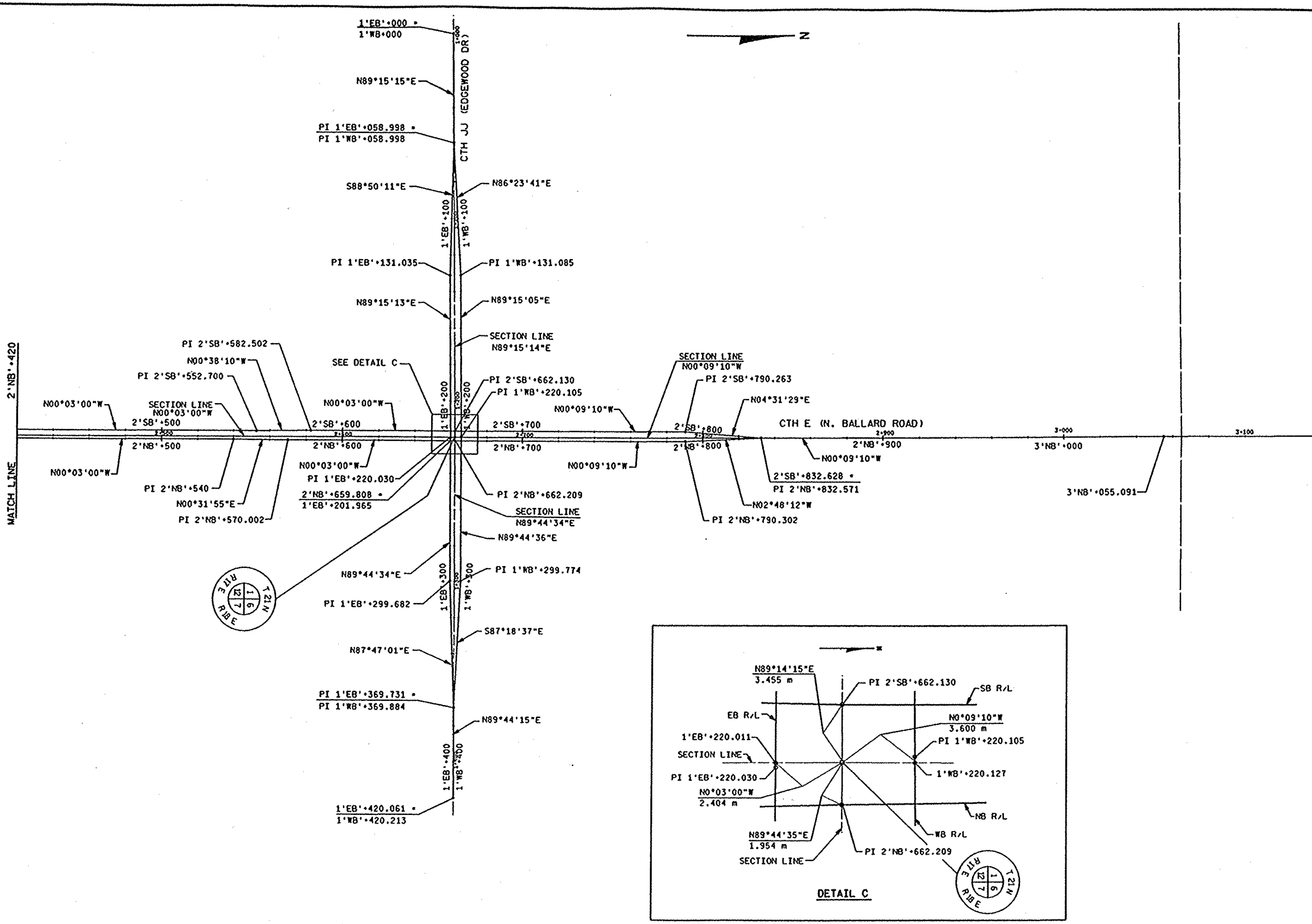
TRAFFIC CONTROL FOR CTH E (N. BALLARD RD)	0 10 20	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M



FILE NAME: E1339498/SHEETS /PLAN /AP01 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 08/20/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

ALIGNMENT PLAN FOR CTH E AND ASHBURY DRIVE	0 20 40	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WisDOT: MSHT40



ALIGNMENT PLAN FOR CTH E AND CTH JJ	0 20 40	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /AP02 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 08/20/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

WisDOT: MSHT40

CLEARING AND GRUBBING

STATION TO STATION	LOCATION	CLEARING 25mm	CLEARING 40m	GRUBBING 25mm	GRUBBING 40m
PROJECT ID 4984-00-97					
CATEGORY 010					
1'NB'+ 060-1'NB'+ 100, RT	CTH E	---	1	---	1
1'NB'+ 180-1'NB'+ 220, RT	CTH E	---	1	---	1
1'NB'+ 220-1'NB'+ 260, RT	CTH E	---	1	---	1
1'SB'+ 220-1'SB'+ 260, LT	CTH E	11	---	11	---
1'SB'+ 260-1'SB'+ 300, LT	CTH E	---	1	---	1
1'SB'+ 300-1'SB'+ 340, LT	CTH E	7	---	7	---
1'SB'+ 420-1'SB'+ 460, LT	CTH E	7	---	7	---
1'SB'+ 460-1'SB'+ 500, LT	CTH E	---	1	---	1
1'SB'+ 500-1'SB'+ 540, LT	CTH E	---	1	---	1
1'SB'+ 540-1'SB'+ 580, LT	CTH E	---	1	---	1
1'SB'+ 580-1'SB'+ 620, LT	CTH E	---	1	---	1
1'SB'+ 660-1'SB'+ 700, LT	CTH E	---	1	---	1
1'SB'+ 700-1'SB'+ 740, LT	CTH E	---	1	---	1
1'NB'+ 780-1'NB'+ 820, RT	CTH E	---	1	---	1
1'NB'+ 820-1'NB'+ 860, RT	CTH E	---	1	---	1
1'NB'+ 860-1'NB'+ 900, RT	CTH E	---	1	---	1
1'NB'+ 900-1'NB'+ 940, RT	CTH E	---	1	---	1
1'NB'+ 940-1'NB'+ 980, RT	CTH E	---	1	---	1
1'NB'+ 980-2'NB'+ 020, RT	CTH E	---	1	---	1
2'NB'+ 140-2'NB'+ 180, RT	CTH E	10	---	10	---
2'SB'+ 260-2'SB'+ 300, LT	CTH E	---	1	---	1
2'SB'+ 300-2'SB'+ 340, LT	CTH E	---	1	---	1
2'SB'+ 340-2'SB'+ 380, LT	CTH E	---	1	---	1
	SUBTOTALS .	35	19	35	19
PROJECT ID 4984-00-97					
CATEGORY 020					
2+ 080- 2+ 120, LT	ASHBURY DR	5	---	5	---
	SUBTOTALS	5	0	5	0
	PROJECT TOTALS	40	19	40	19
PROJECT ID 4984-00-95					
2'SB'+ 500-2'SB'+ 540, LT	CTH E	---	1	---	1
2'SB'+ 540-2'SB'+ 580, LT	CTH E	11	---	11	---
2'NB'+ 900-2'NB'+ 940, RT	CTH E	---	1	---	1
2'NB'+ 940-2'NB'+ 980, RT	CTH E	---	1	---	1
1'EB'+ 080-1'EB'+ 120, RT	CTH JJ	---	1	---	1
1'WB'+ 080-1'WB'+ 120, LT	CTH JJ	---	1	---	1
	PROJECT TOTALS	11	5	11	5
	TOTALS	51	24	51	24

REMOVING PAVEMENT

STATION TO STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+055.5 - 1 'NB'+061.63	CTH E	150

REMOVING CURB & GUTTER

STATION TO STATION	LOCATION	m
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+071.5 - 1 'NB'+156.5, MEDIAN	CTH E	170
1 'NB'+460, LT	CTH E	10
1 'NB'+485, LT	CTH E	10
2 'NB'+440, RT	CTH E	10
2 'NB'+460, RT	CTH E	10
	PROJECT TOTAL	210
PROJECT I.D. 4984-00-95		
1 'EB'+040 - 1'EB'+145, RT	CTH JJ	55
1 'EB'+040 - 1'EB'+145, LT	CTH JJ	55
	PROJECT TOTAL	110
	TOTAL	320

REMOVING SURFACE DRAINS

STATION	LOCATION	EACH
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+460, LT	CTH E	1
1 'NB'+485, LT	CTH E	1
	TOTAL	2

REMOVING INLETS

STATION	LOCATION	EACH
PROJECT I.D. 4984-00-97		
CATEGORY 010		
2+159, RT	ASHBURY	1
2+161, LT	ASHBURY	1
	PROJECT TOTAL	2
PROJECT I.D. 4984-00-95		
1 'EB'+143, RT	CTH JJ	1
1 'EB'+143, LT	CTH JJ	1
	PROJECT TOTAL	2
	TOTAL	4

REMOVING OLD CULVERTS

STATION	LOCATION	DIA mm	LENGTH m	EACH	REMARKS
PROJECT I.D. 4984-00-97					
CATEGORY 010					
2NB+180, RT	CTH E	200	24	1	CORRUGATED STEEL
2NB+494, RT	CTH E	600	7	1	CORRUGATED STEEL
		PROJECT TOTAL		2	
PROJECT I.D. 4984-00-95					
2NB+945, RT	CTH E	300	9	1	CORRUGATED STEEL
1WB+166, LT	CTH JJ	450	13	1	CORRUGATED STEEL
		PROJECT TOTAL		2	
		TOTAL		4	

REMOVING CONCRETE BASES

LOCATION	EACH
PROJECT I.D. 4984-00-95	
N.E. QUAD CTH E/CTH JJ	2
N.W. QUAD CTH E/CTH JJ	2
S.W. QUAD CTH E/CTH JJ	2
S.E. QUAD CTH E/CTH JJ	3
TOTAL	9

BREAKER RUN STONE

STATION TO STATION	LOCATION	Mg
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+055.5 - 1 'NB'+180	CTH E	1 750
1 'NB'+180 - 1 'NB'+360	CTH E	2 710
1 'NB'+360 - 1 'NB'+540	CTH E	2 710
1 'NB'+540 - 1 'NB'+720	CTH E	2 310
1 'NB'+720 - 1 'NB'+900	CTH E	2 310
1 'NB'+900 - 2 'NB'+080	CTH E	2 310
2 'NB'+080 - 2 'NB'+260	CTH E	2 990
2 'NB'+260 - 2 'NB'+440	CTH E	3 110
2 'NB'+440 - 2 'NB'+500	CTH E	1 000
	PROJECT TOTAL	21 200
PROJECT I.D. 4984-00-95		
2 'NB' 500 - 2 'NB'+620	CTH E	2 000
2 'NB' 620 - 2 'NB'+800	CTH E	3 400
2 'NB' 800 - 2 'NB'+980	CTH E	1 965
2 'NB' 980 - 3 'NB'+023	CTH E	265
1 'EB' 040 - 1 'EB'+180	CTH JJ	980
1 'EB' 180 - 1 'EB'+360	CTH JJ	880
1 'EB' 360 - 1 'EB'+370	CTH JJ	60
	PROJECT TOTAL	9 550
	TOTAL	30 750

CRUSHED AGGREGATE BASE COURSE

STATION TO STATION	LOCATION	DENSE GRADED Mg	DENSE GRADED, SHOULDERS Mg	OPEN GRADED NO. 1 Mg	OPEN GRADED NO. 2 Mg	QUALITY MANAGEMENT PROGRAM Mg
PROJECT I.D. 4984-00-97						
CATEGORY 010						
1 'NB'+055.5 - 1 'NB'+180	CTH E	915	---	130	610	1 655
1 'NB'+055.5 - 1 'NB'+180	DRIVEWAYS	30	---	---	---	30
1 'NB'+055.5 - 1 'NB'+180	SIDEWALK	185	---	---	---	185
1 'NB'+180 - 1 'NB'+360	CTH E	1 360	---	190	945	2 495
1 'NB'+180 - 1 'NB'+360	DRIVEWAYS	30	---	---	---	30
1 'NB'+180 - 1 'NB'+360	SIDEWALK	235	---	---	---	235
1 'NB'+360 - 1 'NB'+540	CTH E	1 430	---	200	930	2 560
1 'NB'+360 - 1 'NB'+540	DRIVEWAYS	20	---	---	---	20
1 'NB'+360 - 1 'NB'+540	SIDEWALK	240	---	---	---	240
1 'NB'+540 - 1 'NB'+720	CTH E	1 220	---	160	810	2 190
1 'NB'+540 - 1 'NB'+720	DRIVEWAYS	40	---	---	---	40
1 'NB'+540 - 1 'NB'+720	SIDEWALK	250	---	---	---	250
1 'NB'+720 - 1 'NB'+900	CTH E	1 220	---	165	810	2 195
1 'NB'+720 - 1 'NB'+900	DRIVEWAYS	15	---	---	---	15
1 'NB'+720 - 1 'NB'+900	SIDEWALK	260	---	---	---	260
1 'NB'+900 - 2 'NB'+080	CTH E	1 220	---	165	810	2 195
1 'NB'+900 - 2 'NB'+080	DRIVEWAYS	40	---	---	---	40
1 'NB'+900 - 2 'NB'+080	SIDEWALK	245	---	---	---	245
2 'NB'+080 - 2 'NB'+260	CTH E	1 855	---	170	985	3 010
2 'NB'+080 - 2 'NB'+260	DRIVEWAYS	30	---	---	---	30
2 'NB'+080 - 2 'NB'+260	SIDEWALK	220	---	---	---	220
2 'NB'+260 - 2 'NB'+440	CTH E	1 450	---	170	935	2 555
2 'NB'+260 - 2 'NB'+440	SIDEWALK	250	---	---	---	250
2 'NB'+440 - 2 'NB'+500	CTH E	465	---	45	580	1 090
2 'NB'+440 - 2 'NB'+500	DRIVEWAYS	10	---	---	---	10
2 'NB'+440 - 2 'NB'+500	SIDEWALK	85	---	---	---	85
4+009.7 - 4+050	SILVER LEAF COURT	95	---	---	---	95
4+940.8 - 4+989.2	MEMORY LANE	405	---	---	---	405
	SUBTOTALS	13 820	0	1 395	7 415	22 630
CATEGORY 020						
2+081.7 - 2+260	ASHBURY DRIVE	985	---	---	---	985
2+081.7 - 2+260	SIDEWALK	85	---	---	---	85
2+260 - 2+293.5	ASHBURY DRIVE	375	---	---	---	375
2+260 - 2+293.5	SIDEWALK	180	---	---	---	180
	SUBTOTALS	1 625	0	0	0	1 625
	PROJECT TOTALS	15 445	0	1 395	7 415	24 255
PROJECT I.D. 4984-00-95						
2 'NB'+500 - 2 'NB'+620	CTH E	1 180	---	165	350	1 695
2 'NB'+500 - 2 'NB'+620	DRIVEWAYS	20	---	---	---	20
2 'NB'+500 - 2 'NB'+620	SIDEWALK	150	---	---	---	150
2 'NB'+620 - 2 'NB'+800	CTH E	2 455	---	300	950	3 750
2 'NB'+620 - 2 'NB'+800	DRIVEWAYS	40	---	---	---	40
2 'NB'+620 - 2 'NB'+800	SIDEWALK	40	---	---	---	40
2 'NB'+800 - 2 'NB'+980	CTH E	1 570	300	105	445	2 420
2 'NB'+800 - 2 'NB'+980	DRIVEWAYS	60	---	---	---	60
2 'NB'+980 - 3 'NB'+055	CTH E	210	275	35	85	605
1 'EB'+040 - 1 'EB'+180	CTH JJ	1 535	---	---	55	1 590
1 'EB'+040 - 1 'EB'+180	DRIVEWAYS	85	---	---	---	85
1 'EB'+180 - 1 'EB'+360	CTH JJ	1 465	---	---	400	1 865
1 'EB'+180 - 1 'EB'+360	DRIVEWAYS	100	---	---	---	100
1 'EB'+180 - 1 'EB'+360	SIDEWALK	70	---	---	---	70
1 'EB'+360 - 1 'EB'+369.7	CTH JJ	100	---	---	---	100
	PROJECT TOTALS	9 080	575	605	2 285	12 590
	TOTALS	24 525	575	2 000	9 700	36 845

TOTAL DENSE GRADED = 25 100 TOTAL OPEN GRADED = 11 700

YARDAGE SUMMARY

LOCATION	UNCLASSIFIED EXCAVATION cm	FILL cm	EXPANDED FILL (1.3) cm	WASTE (BORROW) cm
PROJECT I.D. 4984-00-97				
CATEGORY 010				
CTH E	23 590	12 526	16 283	7 307
SILVER LEAF COURT	183	0	0	183
MEMORY LANE	157	6	8	149
SUBTOTALS	23 930	12 532	16 291	7 639
CATEGORY 020				
ASHBURY DRIVE	1 020	654	850	170
PROJECT TOTALS	24 950	13 186	17 141	7 809
PROJECT I.D. 4984-00-95				
CTH E	7 350	1 127	1 465	5 885
CTH JJ	3 800	182	237	3 563
PROJECT TOTALS	11 150	1 309	1 702	9 448
TOTALS	36 100	14 493	18 841	17 259

FILE NAME: E1339A09/SHEETS /PLAN /M001 .20G TECH/ENGR: KRE/SDC PLOT DATE: 10/18/99 PLOT NAME: SEE FILE NAME PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 50.51. 56.57. 59.
LEVELS ON -

ASPHALTIC ITEMS

STATION TO STATION	LOCATION	ASPHALTIC CONCRETE PAV'T TYPE MV Mg	ASPHALTIC MATERIAL FOR PLANT MIX Mg	TACK COAT L	ASPHALTIC SURFACE TEMPORARY Mg	ASPHALTIC SURFACE DRIVEWAY& FIELD ENTRANCE Mg	QUALITY MANAGEMENT PROGRAM ASPHALTIC MIXTURE Mg
PROJECT I.D. 4984-00-97							
CATEGORY 010							
4+028.9 - 4+050	SILVER LEAF COURT	44	3	65	---	---	44
4+940.8 - 4+980.8	MEMORY LANE	80	5	115	---	---	80
2 'NB'+450, RT	DRIVEWAY	---	---	---	---	14	---
	SUBTOTALS	124	8	180	0	14	124
CATEGORY 020							
2+277 - 2+293.5	ASHBURY DRIVE	51	4	80	---	---	51
	PROJECT TOTALS	175	12	260	0	14	175
PROJECT I.D. 4984-00-95							
2 'NB'+782.6 - 3 'NB'+055	CTH E	775	48	610	---	---	775
2 'NB'+773, RT	DRIVEWAY	---	---	---	---	10	---
2 'SB'+780, LT	DRIVEWAY	---	---	---	---	12	---
2 'NB'+813, RT	DRIVEWAY	---	---	---	---	6	---
2 'SB'+835, LT	DRIVEWAY	---	---	---	---	20	---
1 'EB'+040 - 1 'EB'+140	CTH JJ	477	29	370	---	---	477
1 'EB'+300 - 1 'EB'+355.8	CTH JJ	343	21	260	---	---	343
1 'EB'+080, LT	DRIVEWAY	---	---	---	---	4	---
1 'EB'+120, RT	DRIVEWAY	---	---	---	---	5	---
1 'EB'+130, LT	DRIVEWAY	---	---	---	---	22	---
1 'EB'+151, LT	DRIVEWAY	---	---	---	---	28	---
1 'EB'+310, LT	DRIVEWAY	---	---	---	---	6	---
1 'EB'+320, RT	DRIVEWAY	---	---	---	---	3	---
2 'NB'+722 - 2 'NB'+945, LT	T.C. STAGE 1	---	---	---	140	---	---
	PROJECT TOTALS	1 595	98	1 240	140	116	1 595
	TOTALS	1 770	110	1 500	140	130	1 770

CONCRETE DRIVEWAY

STATION	LOCATION	150 mm sm	200 mm sm
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1 'NB'+125, RT	CTH E	30	---
1 'NB'+180, RT	CTH E	41	---
1 'SB'+220, LT	CTH E	38	---
1 'NB'+230, RT	CTH E	32	---
1 'NB'+425, RT	CTH E	25	---
1 'SB'+517, LT	CTH E	20	---
1 'SB'+598, LT	CTH E	20	---
1 'SB'+639, LT	CTH E	18	---
1 'NB'+657, RT	CTH E	23	---
1 'SB'+670, LT	CTH E	16	---
1 'NB'+700, RT	CTH E	24	---
1 'NB'+882, RT	CTH E	23	---
1 'NB'+941, RT	CTH E	23	---
1 'NB'+974, RT	CTH E	27	---
2 'NB'+058, RT	CTH E	58	---
2 'SB'+060, LT	CTH E	37	---
2 'SB'+135, LT	CTH E	38	---
2 'SB'+475, LT	CTH E	27	---
	SUBTOTALS	520	0
CATEGORY 020			
2+110, RT	ASHBURY DRIVE	12	0
2+120, RT	ASHBURY DRIVE	13	0
	SUBTOTALS	25	0
	PROJECT TOTALS	545	0
PROJECT I.D. 4984-00-95			
2 'SB'+518, LT	CTH E	34	---
2 'SB'+532, LT	CTH E	20	---
2 'NB'+773, RT	CTH E	---	60
2 'SB'+778, LT	CTH E	---	45
1 'EB'+165, LT	CTH JJ	---	15
1 'EB'+169, RT	CTH JJ	16	---
1 'EB'+297, RT	CTH JJ	20	---
	PROJECT TOTAL	90	120
	TOTAL	635	120

NON-REINFORCED CONCRETE PAVEMENT

STATION TO STATION	LOCATION	NON-DOWELED 175 mm sm	DOWELED 215 mm sm
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1 'NB'+055.5 - 1 'NB'+180	CTH E	---	1 895
1 'NB'+180 - 1 'NB'+360	CTH E	---	2 615
1 'NB'+360 - 1 'NB'+540	CTH E	---	3 045
1 'NB'+540 - 1 'NB'+720	CTH E	---	2 380
1 'NB'+720 - 1 'NB'+900	CTH E	---	2 380
1 'NB'+900 - 2 'NB'+080	CTH E	---	2 380
2 'NB'+080 - 2 'NB'+260	CTH E	---	3 860
2 'NB'+260 - 2 'NB'+440	CTH E	---	3 515
2 'NB'+440 - 2 'NB'+500	CTH E	---	1 410
	SUBTOTALS	0	23 480
CATEGORY 020			
2+081.7 - 2+152.4	ASHBURY DRIVE	695	---
2+210 - 2+277.4	ASHBURY DRIVE	655	---
	SUBTOTALS	1 350	0
	PROJECT TOTALS	1 350	23 480
PROJECT I.D. 4984-00-95			
2 'NB'+500 - 2 'NB'+620	CTH E	---	2 100
2 'NB'+620 - 2 'NB'+782.6	CTH E	---	3 115
1 'EB'+140 - 1 'EB'+300	CTH JJ	---	1 625
	PROJECT TOTALS	0	6 840
	TOTALS	1 350	30 320

CULVERT PIPE, CLASS III

STATION	LOCATION	300mm m	450mm m	600mm m	THICKNESS STEEL mm	THICKNESS ALUM mm	INVERT ELEVATION	DISCHARGE ELEVATION	APRON ENDWALLS FOR CULVERT PIPE 300mm EACH	APRON ENDWALLS FOR CULVERT PIPE 450mm EACH	APRON ENDWALLS FOR CULVERT PIPE 600mm EACH
PROJECT I.D. 4984-00-97											
CATEGORY 010											
2 'NB'+451.5, RT	CTH E	---	---	18	1.6	1.5	232.093	231.903	---	---	2
PROJECT I.D. 4984-00-95											
2 'NB'+837, LT 6.5° LHF	CTH E	---	23	---	1.6	1.5	235.432	235.082	---	2	---
2 'NB'+945, RT	CTH E	20	---	---	1.6	1.5	235.824	235.764	2	---	---
STORM SEWER SUMMARY TABLE		---	95	---					---	---	---
MANHOLE, INLET, AND COVERS TABLE		---	---	---					---	1	---
	PROJECT TOTALS	20	118	0					2	3	0
	TOTALS	20	118	18					2	3	2

H.E.S. CONCRETE PAVEMENT, 215 mm

STATION TO STATION	LOCATION	sm
PROJECT I.D. 4984-00-95		
2 'NB'+620 - 2 'NB'+800	CTH E	385
2 'SB'+620 - 2 'NB'+800	CTH E	265
	PROJECT TOTAL	650
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+286	CTH E	240
1 'SB'+286	CTH E	240
	PROJECT TOTAL	480
	TOTAL	1 130

CONCRETE PAVEMENT GAPS

STATION	LOCATION	EACH
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+286	CTH E	1
1 'SB'+286	CTH E	1
	PROJECT TOTAL	2
PROJECT I.D. 4984-00-95		
2 'NB'+670	CTH E, T.C. STAGE 1, PHASE 2	1
2 'SB'+670	CTH E, T.C. STAGE 1, PHASE 2	1
2 'NB'+770	CTH E, T.C. STAGE 1, PHASE 2	1
1 'WB'+220	CTH JJ, T.C. STAGE 2	1
2 'SB'+775	CTH E, T.C. STAGE 2	1
	PROJECT TOTAL	5
	TOTAL	7

CORRUGATED STEEL CULVERT PIPE, 600mm

STATION	LOCATION	m	THICKNESS STEEL mm	STEEL APRON ENDWALLS FOR CULVERT PIPE 600mm EACH
PROJECT I.D. 4984-00-95				
2 'NB'+971, RT	CTH E	4.5	1.6	1

PAVEMENT TIES

STATION	LOCATION	EACH
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+055.5	CTH E	38

MISCELLANEOUS QUANTITIES	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /M002 .20G PLOT SCALE: :: PLOT NAME: SEE FILE NAME PLOT DATE: 10/18/99
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: KRE/SDC REV. DATE: 02/02/00
LEVELS ON: 50,51, 56,57, 59,

CONCRETE CURB & GUTTER, TYPE A

STATION TO STATION	LOCATION	450mm m	750mm m
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1 'NB'+055.5 - 1 'NB'+180	CTH E	235	260
1 'NB'+180 - 1 'NB'+360	CTH E	310	375
1 'NB'+360 - 1 'NB'+540	CTH E	310	345
1 'NB'+540 - 1 'NB'+720	CTH E	360	360
1 'NB'+720 - 1 'NB'+900	CTH E	360	360
1 'NB'+900 - 2 'NB'+080	CTH E	360	360
2 'NB'+080 - 2 'NB'+260	CTH E	180	377
2 'NB'+260 - 2 'NB'+440	CTH E	---	358
2 'NB'+440 - 2 'NB'+500	CTH E	---	130
	SUBTOTALS	2 115	2 925
CATEGORY 020			
2+081.7 - 2+152.4	ASHBURY DRIVE	---	150
2+210 - 2+277.4	ASHBURY DRIVE	---	140
	SUBTOTALS	0	290
	PROJECT TOTALS	2 115	3 215
PROJECT I.D. 4984-00-95			
2 'NB'+500 - 2 'NB'+620	CTH E	75	240
2 'NB'+620 - 2 'NB'+800	CTH E	203	320
1 'EB'+131 - 1 'EB'+203	CTH JJ	127	125
1 'EB'+236 - 1 'EB'+300	CTH JJ	120	110
	PROJECT TOTALS	525	795
	TOTALS	2 640	4 010

CONCRETE CURB & GUTTER, 750mm, TYPE D

STATION TO STATION	LOCATION	m
PROJECT I.D. 4984-00-97		
CATEGORY 010		
2 'NB'+440.9, RT	CTH E	4
2 'NB'+460.5, RT	CTH E	4
	SUBTOTAL	8
CATEGORY 020		
2+277.4 - 2+290.5, RT	ASHBURY DRIVE	13
2+277.4 - 2+289.6, LT	ASHBURY DRIVE	18
	SUBTOTAL	31
	PROJECT TOTAL	39
PROJECT I.D. 4984-00-95		
2 'NB'+782.6 - 2 'NB'+863.4, RT	CTH E	82
2 'SB'+782.6 - 2 'SB'+789.0, LT	CTH E	7
1 'EB'+040 - 1 'EB'+131, RT	CTH JJ	92
1 'WB'+040 - 1 'WB'+131,LT	CTH JJ	93
1 'EB'+300 - 1 'EB'+327, RT	CTH JJ	28
1 'WB'+300 - 1 'WB'+318, LT	CTH JJ	19
	PROJECT TOTAL	321
	TOTAL	360

LANDMARK REFERENCE MONUMENTS

STATION	LOCATION	MONUMENT AND COVER EACH	WITNESS MONUMENT EACH
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1+049.997	CTH E, SOUTHEAST CORNER OF SECTION 12, T21N, R17E	---	2
1+851.928	CTH A, NORTHEAST CORNER OF SOUTHEAST 1/4 OF SECTION 12, T21N, R17E	1	4
	PROJECT TOTALS	1	6
PROJECT I.D. 4984-00-95			
2+662.159	CTH E, NORTHEAST CORNER OF SECTION 12, T21	1	4
	TOTALS	2	10

CONCRETE SIDEWALK, 100mm

STATION TO STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+055.5 - 1 'NB'+180, RT	CTH E	362
1 'NB'+055.5 - 1 'NB'+180, LT	MEDIAN	581
1 'SB'+055.5 - 1 'SB'+180, LT	CTH E	187
1 'NB'+180 - 1 'NB'+360, RT	CTH E	452
1 'NB'+180 - 1 'NB'+360, LT	MEDIAN	77
1 'SB'+180 - 1 'SB'+360, LT	CTH E	260
1 'NB'+360 - 1 'NB'+540, RT	CTH E	530
1 'NB'+360 - 1 'NB'+540, LT	MEDIAN	110
1 'SB'+360 - 1 'SB'+540, LT	CTH E	230
1 'NB'+540 - 1 'NB'+720, RT	CTH E	521
1 'SB'+540 - 1 'SB'+720, LT	CTH E	256
1 'NB'+720 - 1 'NB'+900, RT	CTH E	531
1 'SB'+720 - 1 'SB'+900, LT	CTH E	270
1 'NB'+900 - 2 'NB'+080, RT	CTH E	494
1 'SB'+900 - 2 'SB'+080, LT	CTH E	270
2 'NB'+080 - 2 'NB'+260, RT	CTH E	472
2 'NB'+080 - 2 'NB'+260, LT	MEDIAN	52
2 'SB'+080 - 2 'SB'+260, LT	CTH E	212
2 'NB'+260 - 2 'NB'+440, RT	CTH E	540
2 'SB'+260 - 2 'SB'+440, LT	CTH E	241
2 'NB'+440 - 2 'SB'+500, RT	CTH E	127
2 'SB'+440 - 2 'SB'+500, LT	CTH E	135
	SUBTOTAL	6 910
CATEGORY 020		
2+081.7 - 2+170, LT	ASHBURY DRIVE	130
2+081.7 - 2+170, RT	ASHBURY DRIVE	130
2+198 - 2+287.5, LT	ASHBURY DRIVE	270
2+198 - 2+287.5, RT	ASHBURY DRIVE	300
	SUBTOTAL	830
	PROJECT TOTAL	7 740
PROJECT I.D. 4984-00-95		
2 'NB'+500 - 2 'NB'+620, RT	CTH E	353
2 'SB'+500 - 2 'SB'+620, LT	CTH E	115
2 'NB'+500 - 2 'NB'+620, LT	MEDIAN	34
2 'NB'+620 - 2 'NB'+800, RT	MEDIAN	77
2 'SB'+620 - 2 'SB'+800, LT	MEDIAN	41
2 'NB'+620 - 2 'NB'+800, LT	MEDIAN	87
1 'EB'+150.5 - 1 'EB'+202.1, LT	MEDIAN	93
1 'EB'+235.9 - 1 'EB'+300, LT	MEDIAN	180
	PROJECT TOTAL	980
	TOTAL	8 720

CONCRETE CORRUGATED MEDIAN

STATION TO STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 010		
2 'NB'+204.8 - 2 'NB'+234.8	CTH E	100
	SUBTOTAL	100
PROJECT I.D. 4984-00-95		
2 'NB'+552.7 - 2 'NB'+582.6	CTH E	100
1 'EB'+073.4 - 1 'EB'+155	CTH JJ	312
1 'EB'+295 - 1 'EB'+355.8	CTH JJ	238
	PROJECT TOTAL	650
	TOTAL	750

ASPHALTIC FLUMES

STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 010		
4+980, LT	MEMORY LANE	7
	SUBTOTAL	7
PROJECT I.D. 4984-00-95		
1 'WB'+317, LT	CTH JJ	8
1 'EB'+329, RT	CTH JJ	8
	PROJECT TOTAL	16
	TOTAL	23

ADJUSTING MANHOLE COVERS

STATION	LOCATION	TYPE	ADJUSTING MANHOLE COVERS EACH	FINAL ELEVATION
PROJECT ID 4984-00-97				
CATEGORY 010				
1'NB' +225 10.m RT	CTH E	STORM	1	229.021
1'NB' +348 10.m RT	CTH E	STORM	1	228.911
1'NB' +494.5 10.m RT	CTH E	STORM	1	229.582
1'NB' +650 10.m RT	CTH E	STORM	1	229.512
1'NB' +746.5 10.m RT	CTH E	STORM	1	229.890
1'NB' +880 10.m RT	CTH E	STORM	1	229.895
2'SB' +158.5 10.m LT	CTH E	STORM	1	232.013
2'NB' +158.5 2.0m RT	CTH E	STORM	1	232.042
2'NB' +263 2.0m RT	CTH E	STORM	1	232.627
2'NB' +389.5 2.0m RT	CTH E	STORM	1	233.420
4+978 2.0m LT	SILVER LEAF COURT	STORM	1	233.111
		SUBTOTAL	11	
CATEGORY 020				
2+258 1.0m RT	ASHBURY DRIVE	STORM	1	231.357
		PROJECT TOTAL	1	
PROJECT ID 4984-00-95				
2'NB' +523 2.0m RT	CTH E	STORM	1	234.250
2'NB' +583.5 2.0m RT	CTH E	STORM	1	234.602
2'NB' +657 2.0m RT	CTH E	STORM	1	235.226
2'NB' +722 2.0m RT	CTH E	STORM	1	235.588
1'EB' +068 4.5m RT	CTH JJ	STORM	1	238.180
1'EB' +144.5 3.0m RT	CTH JJ	STORM	1	236.261
1'EB' +196 2.5m LT	CTH JJ	STORM	1	235.226
1'EB' +258.5 2.5m RT	CTH JJ	STORM	1	234.933
		PROJECT TOTAL	8	
		TOTAL	20	

WATER AND CALCIUM CHLORIDE SURFACE TREATMENT

STATION TO STATION	LOCATION	WATER kL	CALCIUM CHLORIDE Mg
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1'NB'+055.5 - 1'NB'+180	CTH E	25	2.1
1'NB'+180 - 1'NB'+360	CTH E	35	3.1
1'NB'+360 - 1'NB'+540	CTH E	36	3.3
1'NB'+540 - 1'NB'+720	CTH E	31	2.8
1'NB'+720 - 1'NB'+900	CTH E	31	2.8
1'NB'+900 - 2'NB'+080	CTH E	31	2.8
2'NB'+080 - 2'NB'+260	CTH E	47	4.2
2'NB'+260 - 2'NB'+440	CTH E	37	3.3
2'NB'+440 - 2'NB'+500	CTH E	12	1.1
4+009.7 - 4+050	SILVER LEAF COURT	4	0.3
4+940.8 - 4+989.2	MEMORY LANE	11	1.0
	SUBTOTALS	300	26.8
CATEGORY 020			
2+081.7 - 2+260	ASHBURY DRIVE	25	2.3
2+260 - 2+293.5	ASHBURY DRIVE	10	0.9
	SUBTOTALS	35	3.2
	PROJECT TOTALS	335	30.0
PROJECT I.D. 4984-00-95			
2'NB'+500 - 2'NB'+620	CTH E	30	2.8
2'NB'+620 - 2'NB'+800	CTH E	62	5.6
2'NB'+800 - 2'NB'+980	CTH E	47	4.3
2'NB'+980 - 3'NB'+055	CTH E	13	1.1
1'EB'+040 - 1'EB'+180	CTH JJ	40	3.5
1'EB'+180 - 1'EB'+360	CTH JJ	40	3.5
1'EB'+360 - 1'EB'+369.7	CTH JJ	3	0.2
	PROJECT TOTALS	235	21.0
	TOTALS	570	51.0

MISCELLANEOUS QUANTITIES	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /M003 .2DG TECH/ENGR: KRE/SDC PLOT DATE: 10/15/99 PLOT NAME: SEE FILE NAME PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 50.51. 56.57. 59.
LEVELS ON -

PIPE UNDERDRAIN AND GEOTEXTILE FABRIC, TYPE DF

STATION TO STATION	LOCATION	150mm m	FABRIC sm	REMARKS
PROJECT I.D. 4984-00-97				
CATEGORY 010				
1'SB'+055.5 - 1'SB'+170, LT	CTH E	114	330	CONNECT TO INLET 3
1'SB'+064.5 - 1'SB'+119, RT	CTH E	55	155	CONNECT TO INLET 2
1'NB'+072 - 1'NB'+170, RT	CTH E	98	285	CONNECT TO INLET 1 AND 6
1'NB'+170 - 1'NB'+225, RT	CTH E	55	160	CONNECT TO INLET 6 AND 7
1'SB'+170 - 1'SB'+380, LT	CTH E	210	605	CONNECT TO INLET 3 AND 14
1'NB'+225 - 4+028, RT	CTH E	63	185	CONNECT TO INLET 7 AND 8
4+028 - 1'NB'+350, RT	CTH E	72	210	CONNECT TO INLET 9 AND 13
1'SB'+304 - 1'SB'+350, RT	CTH E	45	130	CONNECT TO INLET 11
1'NB'+350 - 1'NB'+380, RT	CTH E	30	90	CONNECT TO INLET 13 AND 17
1'NB'+380 - 1'NB'+440, RT	CTH E	60	175	CONNECT TO INLET 17 AND 20
1'NB'+380 - 1'NB'+455, LT	CTH E	75	220	CONNECT TO INLET 16
1'SB'+382 - 1'SB'+491, LT	CTH E	109	315	CONNECT TO INLET 18
1'NB'+440 - 1'NB'+496, RT	CTH E	56	165	CONNECT TO INLET 20 AND 25
1'NB'+496 - 1'NB'+648, RT	CTH E	150	435	CONNECT TO INLET 25 AND 28
1'SB'+490.9 - 1'SB'+648, LT	CTH E	155	450	CONNECT TO INLET 22 AND 27
1'NB'+650 - 1'NB'+880, RT	CTH E	230	665	CONNECT TO INLET 32 AND 38
1'SB'+650 - 1'SB'+880, LT	CTH E	230	665	CONNECT TO INLET 29 AND 35
1'NB'+880 - 1'NB'+980, RT	CTH E	100	290	CONNECT TO INLET 38 AND 43
1'SB'+880 - 1'SB'+980, LT	CTH E	100	290	CONNECT TO INLET 35 AND 40
1'NB'+980 - 2'NB'+107.6, RT	CTH E	128	370	CONNECT TO INLET 43 AND 45
1'SB'+980 - 2'SB'+145, LT	CTH E	166	480	CONNECT TO INLET 40
2'NB'+105.7 - 2'NB'+137.4, LT	CTH E	32	95	CONNECT TO INLET 44
2'NB'+107.6 - 2'NB'+145, RT	CTH E	38	110	CONNECT TO INLET 45
2'NB'+193.6 - 2'NB'+190, RT	CTH E	25	75	CONNECT TO INLET 49 AND 56
2'SB'+165.2 - 2'SB'+190, LT	CTH E	25	75	CONNECT TO INLET 48 AND 54
2'SB'+180 - 2'SB'+234, RT	CTH E	54	160	CONNECT TO INLET 52
2'NB'+192 - 2'NB'+263, RT	CTH E	71	205	CONNECT TO INLET 57 AND 62
2'SB'+192 - 2'SB'+263, LT	CTH E	71	205	CONNECT TO INLET 55 AND 60
2'NB'+265 - 2'NB'+335, RT	CTH E	70	205	CONNECT TO INLET 61 AND 65
2'SB'+265 - 2'SB'+335, LT	CTH E	70	205	CONNECT TO INLET 59 AND 64
2'NB'+335 - 2'NB'+475, RT	CTH E	140	405	CONNECT TO INLET 65 AND 71
2'SB'+335 - 2'SB'+403, LT	CTH E	67	195	CONNECT TO INLET 64
2'SB'+404.2 - 2'SB'+438, LT	CTH E	36	105	CONNECT TO INLET 68 AND 69
2'NB'+475 - 2'NB'+500, RT	CTH E	25	75	CONNECT TO INLET 71
2'SB'+440 - 2'SB'+500, LT	CTH E	60	175	CONNECT TO INLET 70
	PROJECT TOTALS	3 085	8 960	
PROJECT I.D. 4984-00-95				
2'NB'+500 - 2'NB'+523, RT	CTH E	23	70	CONNECT TO INLET 74
2'SB'+500 - 2'NB'+510, LT	CTH E	10	30	CONNECT TO INLET 72
2'SB'+512 - 2'SB'+585, LT	CTH E	73	215	CONNECT TO INLET 73 AND 77
2'NB'+525 - 2'NB'+585, RT	CTH E	60	175	CONNECT TO INLET 75 AND 80
2'NB'+585 - 1'EB'+260, RT	CTH E	88	255	CONNECT TO INLET 80 AND 119
2'NB'+585 - 2'NB'+620, LT	CTH E	35	105	CONNECT TO INLET 79
2'SB'+585 - 1'EB'+193.5, LT	CTH E	76	220	CONNECT TO INLET 77 AND 115
1'WB'+260 - 2'NB'+688.9, RT	CTH E	41	120	CONNECT TO INLET 116 AND 85
1'NB'+202.3 - 2'SB'+688.5, LT	CTH E	15	45	CONNECT TO INLET 112 AND 82
2'NB'+688.9 - 2'NB'+723.2, RT	CTH E	35	105	CONNECT TO INLET 85 AND 88
2'SB'+688.5 - 2'SB'+723.2, LT	CTH E	35	105	CONNECT TO INLET 82 AND 86
2'SB'+688.9 - 2'SB'+736, RT	CTH E	47	140	CONNECT TO INLET 83
2'NB'+725.2 - 2'NB'+865, RT	CTH E	160	465	CONNECT TO INLET 89
2'SB'+725.2 - 2'SB'+853, LT	CTH E	130	375	CONNECT TO INLET 87
1'EB'+143 - 1'EB'+193.5, RT	CTH JJ	51	150	CONNECT TO INLET 111 AND 115
1'WB'+143 - 1'WB'+202.3, LT	CTH JJ	63	185	CONNECT TO INLET 110 AND 112
1'EB'+140 - 1'EB'+193.5, LT	CTH JJ	53	155	CONNECT TO INLET 114
1'EB'+260 - 1'EB'+300, RT	CTH JJ	40	120	CONNECT TO INLET 119
1'WB'+260 - 1'WB'+300, LT	CTH JJ	40	120	CONNECT TO INLET 116
1'WB'+240 - 1'WB'+260, RT	CTH JJ	20	60	CONNECT TO INLET 117
1'WB'+260 - 1'WB'+300, RT	CTH JJ	40	125	CONNECT TO INLET 117
	PROJECT TOTALS	1 135	3 340	
	TOTALS	4 220	12 300	

MOVING SIGNS, TYPE II AND WOOD POSTS

SIGN NO.	FROM STATION	TO STATION	LOCATION	DESCRIPTION	SIGNS EACH	WOOD POST 4.9m EACH
PROJECT I.D. 4984-00-97						
CATEGORY 010						
23	1'NB'+619.8m LT	1'SB'+619.8.9m LT	CTH E	CITY NAME WITH POPULATION	1	1
24	1'NB'+619.8m LT	1'SB'+619.8.9m LT	CTH E	NO PARKING WITH TIME RESTRICTION	1	---
				TOTALS	2	1*

* SHOWN AS MOVING SIGNS, TYPE II AND WOOD POSTS MISC. QUANTITY TABLE

TOPSOIL, FERTILIZER, MULCHING, SEEDING, SODDING, AND WATERING SODDED AREAS

STATION TO STATION	LOCATION	TOPSOIL sm	FERTILIZER TYPE B kg	MULCHING sm	SEEDING MIXTURE NO. 10 kg	SEEDING MIXTURE NO. 40 kg	SODDING sm	WATERING SODDED AREAS kL
PROJECT I.D. 4984-00-97								
CATEGORY 010								
1'NB'+055.5 - 1'NB'+180	CTH E	1 900	66	965	5	10	935	47
1'NB'+180 - 1'NB'+360	CTH E	2 400	85	1 385	7	13	1 025	55
1'NB'+360 - 1'NB'+540	CTH E	2 830	100	1 835	8	15	1 025	50
1'NB'+540 - 1'NB'+720	CTH E	3 000	105	1 400	8	15	1 605	80
1'NB'+720 - 1'NB'+900	CTH E	4 160	146	2 335	12	25	1 825	91
1'NB'+900 - 2'NB'+080	CTH E	4 270	150	2 535	13	30	1 750	90
2'NB'+080 - 2'NB'+260	CTH E	2 400	85	1 610	9	17	800	40
2'NB'+260 - 2'NB'+440	CTH E	3 300	115	2 265	12	25	1 055	52
2'NB'+440 - 2'NB'+500	CTH E	790	24	740	3	5	50	5
	SUBTOTALS	25 050	876	15 070	77	155	10 070	510
CATEGORY 020								
2+081 - 2+293	ASHBURY DRIVE	2 100	74	990	5	10	1 110	60
	PROJECT TOTAL	27 150	950	16 060	82	155	11 180	570
PROJECT I.D. 4984-00-95								
2'NB'+500 - 2'NB'+620	CTH E	1 635	60	1 475	6	11	170	10
2'NB'+620 - 2'NB'+800	CTH E	1 565	55	1 215	4	7	370	20
2'NB'+800 - 2'NB'+980	CTH E	4 370	153	4 370	22	45	20	---
2'NB'+980 - 3'NB'+055	CTH E	830	30	830	5	10	---	---
1'EB'+040 - 1'EB'+369.7	CTH JJ	1 750	62	1 750	11	22	---	---
	PROJECT TOTALS	10 150	360	9 640	48	95	560	30
	TOTALS	37 300	1 310	25 700	130	260	11 740	600

EROSION CONTROL

STATION TO STATION	LOCATION	SILT FENCE DELIVERED m	SILT FENCE INSTALLED m	SILT FENCE MAINTENANCE m	FILTER BAGS DELIVERED EACH	FILTER BAGS INSTALLED EACH	FILTER BAGS MAINTENANCE EACH
PROJECT ID 4984-00-97							
CATEGORY 010							
1'NB'+ 060 - 1'NB'+ 210 RT	CTH E	63	63	126	18	18	36
1'SB'+ 060 - 1'SB'+ 210 LT	CTH E	138	138	276	45	45	90
1'NB'+ 210 - 1'NB'+ 390 RT	CTH E	50	50	100	80	80	160
1'SB'+ 210 - 1'SB'+ 390 LT	CTH E	---	---	---	70	70	140
1'NB'+ 390 - 1'NB'+ 570 RT	CTH E	140	140	280	15	15	30
1'SB'+ 390 - 1'SB'+ 570 LT	CTH E	65	65	130	70	70	140
1'NB'+ 570 - 1'NB'+ 750 RT	CTH E	141	141	282	45	45	90
1'SB'+ 570 - 1'SB'+ 750 LT	CTH E	55	55	110	45	45	90
1'NB'+ 750 - 1'NB'+ 930 RT	CTH E	179	179	358	10	10	20
1'SB'+ 750 - 1'SB'+ 930 LT	CTH E	17	17	34	10	10	20
1'NB'+ 930 - 2'NB'+ 110 RT	CTH E	139	139	278	55	55	110
1'SB'+ 930 - 2'SB'+ 110 LT	CTH E	142	142	284	45	45	90
2'NB'+ 110 - 2'NB'+ 290 RT	CTH E	155	155	310	30	30	60
2'SB'+ 110 - 2'SB'+ 290 LT	CTH E	111	111	222	50	50	100
2'NB'+ 290 - 2'NB'+ 470 RT	CTH E	162	162	324	5	5	10
2'SB'+ 290 - 2'SB'+ 470 LT	CTH E	74	74	148	40	40	80
2'NB'+ 470 - 2'NB'+ 500 RT	CTH E	26	26	52	5	5	10
2'SB'+ 470 - 2'SB'+ 500 LT	CTH E	11	11	22	---	---	---
UNDISTRIBUTED		132	132	264	62	62	124
	SUBTOTALS	1 800	1 800	3 600	700	700	1 400
CATEGORY 020							
2 + 080 - 2 + 150 RT	ASHBURY	50	115	230	15	15	30
2 + 080 - 2 + 150 LT	ASHBURY	65	---	---	15	15	30
2 + 210 - 2 + 294 RT	ASHBURY	47	115	230	15	15	30
2 + 210 - 2 + 294 LT	ASHBURY	68	---	---	15	15	30
UNDISTRIBUTED		70	70	140	10	10	20
	SUBTOTALS	300	300	600	70	70	140
	PROJECT TOTAL	2 100	2 100	4 200	770	770	1 540
PROJECT ID 4984-00-95							
2'NB'+ 500 - 2'NB'+ 630 RT	CTH E	53	53	106	25	25	50
2'SB'+ 500 - 2'SB'+ 630 LT	CTH E	85	85	170	47	47	94
2'NB'+ 630 - 2'NB'+ 800 RT	CTH E	88	88	176	100	100	200
2'SB'+ 630 - 2'SB'+ 800 LT	CTH E	26	26	52	---	---	---
2'NB'+ 800 - 2'NB'+ 980 RT	CTH E	---	---	---	---	---	---
2'SB'+ 800 - 2'SB'+ 980 LT	CTH E	---	---	---	---	---	---
1'EB'+ 040 1'EB'+ 190 RT	CTH JJ	47	47	94	5	5	10
1'WB'+ 040 - 1'WB'+ 190 LT	CTH JJ	---	---	---	5	5	10
1'EB'+ 250 - 1'EB'+ 370 RT	CTH JJ	49	49	98	38	38	76
1'WB'+ 250 - 1'WB'+ 370 LT	CTH JJ	---	---	---	38	38	76
UNDISTRIBUTED		52	52	104	72	72	144
	PROJECT TOTAL	400	400	800	330	330	660
	TOTALS	2 500	2 500	5 000	1 100	1 100	2 200

FILE NAME: E1339A98/SHEETS /PLAN /M004 .20G TECH/ENGR: KRE/SDC PLOT DATE: 10/15/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON: 50,51, 56,57, 59,

REMOVING SIGNS, TYPE II AND SMALL SIGN SUPPORTS

SIGN NO.	STATION	LOCATION	SIGN CODE	SIGNS EACH	SIGN SUPPORT EACH	DESCRIPTION
PROJECT I.D. 4984-00-97						
CATEGORY 010						
10	1'NB'+058, 21 m RT	CTH E	R1-1	1	1	STOP
11	1'NB'+058, 21 m RT	CTH E	R6-3A	1	---	DIVIDED HIGHWAY CROSSING
12	1'NB'+059, 21 m RT	CTH E	R6-2R	1	1	ONE WAY
13	1'NB'+079, 16 m LT	CTH E	R5-1	1	1	DO NOT ENTER
14	1'NB'+079, 16 m LT	CTH E	D4-2L	1	---	PARK AND RIDE
15	1'NB'+092, 105 m RT	CTH E	R5-9	1	1	WRONG WAY
16	1'NB'+092, 105 m RT	CTH E	R2-1	1	---	SPEED LIMIT
17	1'NB'+146	CTH E	R4-7	1	1	KEEP RIGHT SYMBOL
18	1'NB'+150, 8.5 m RT	CTH E	W6-6	1	1	TWO WAY TRAFFIC SYMBOL
19	1'NB'+150, 8.5 m RT	CTH E	R5-1	1	---	NO NOT ENTER
20	1'NB'+293, 12 m RT	CTH E	R1-1	1	1	STOP
21	1'NB'+316, 85 m LT	CTH E	W6-2	1	1	DIVIDED HIGHWAY ENDS SYMBOL
22	1'NB'+377, 9 m LT	CTH E	R2-1	1	1	SPEED LIMIT
25	1'NB'+696, 8 m LT	CTH E	R2-1	1	1	SPEED LIMIT
26	1'NB'+697, 5 m RT	CTH E	R2-1	1	1	SPEED LIMIT
27	1'NB'+917, 5 m RT	CTH E	S1-1	1	1	SCHOOL ADVANCE
28	2'NB'+032, 9 m LT	CTH E	R2-1	1	1	SPEED LIMIT
29	2'NB'+033, 4.5 m RT	CTH E	S4-51	1	1	SCHOOL SPEED LIMIT
30	2'NB'+133, 7 m RT	CTH E	R2-1	1	1	SPEED LIMIT
31	2'NB'+344, 6 m RT	CTH E	W3-3	1	1	SIGNAL AHEAD SYMBOL
32	2'NB'+380, 10 m LT	CTH E	R1-1	1	1	STOP
33	4+974, 5 m LT	MEMORY LANE	R2-1	1	1	SPEED LIMIT
34	2'NB'+406, 7 m RT	CTH E	J1-1	1	1	JCT CTH JJ
35	2'NB'+411, 9 m LT	CTH E	R2-1	1	1	SPEED LIMIT
36	2'NB'+469, 8.5 m RT	CTH E	R1-1	1	1	STOP
50	2+163, 9 m RT	ASHBURY DRIVE	R1-1	1	1	STOP
51	2+212, 9 m RT	ASHBURY DRIVE	W14-1	1	1	NO OUTLET
52	2+212, 9 m RT	ASHBURY DRIVE	R8-3A	1	---	NO PARKING SYMBOL
53	2+212, 4 m LT	ASHBURY DRIVE	R8-3A	1	1	NO PARKING SYMBOL
			SUBTOTALS	25	21	
CATEGORY 020						
54	2+251, 8 m LT	ASHBURY DRIVE	---	1	1	NO PARKING SCHOOL DAYS WITH ARROW
55	2+251, 8 m LT	ASHBURY DRIVE	---	1	---	NO PARKING WITH ARROW
56	2+280, 6.5 m LT	ASHBURY DRIVE	---	1	1	NO PARKING SCHOOL DAYS WITH ARROW
57	2+287, 12 m LT	ASHBURY DRIVE	R1-2	1	1	YIELD
			SUBTOTALS	4	3	
			PROJECT TOTALS	29	24	
PROJECT I.D. 4984-00-95						
37	2'NB'+630, 9 m LT	CTH E	R2-1	1	1	SPEED LIMIT
38	2'NB'+652, 10 m RT	CTH E	J13-1	1	1	CTH JJ WITH DOUBLE ARROW
39	2'NB'+653, 17 m LT	CTH E	J13-1	1	1	CTH E WITH DOUBLE ARROW
40	2'NB'+671, 15 m RT	CTH E	J13-1	1	1	CTH E WITH DOUBLE ARROW
41	2'NB'+672, 15 m LT	CTH E	J13-1	1	1	CTH JJ WITH DOUBLE ARROW
42	2'NB'+718, 5 m RT	CTH E	R2-1	1	1	SPEED LIMIT
43	2'NB'+814, 7 m LT	CTH E	S4-51	1	1	SCHOOL SPEED LIMIT
60	1'EB'+094, 7 m RT	CTH JJ	S4-51	1	1	SCHOOL SPEED LIMIT
61	1'EB'+144, 11 m LT	CTH JJ	W11-3	1	1	DEER CROSSING SYMBOL
62	1'EB'+144, 11 m LT	CTH JJ	W57-51	1	---	NEXT 1/2 MILE
63	1'EB'+183, 11 m LT	CTH JJ	R2-1	1	1	SPEED LIMIT
64	1'EB'+271, 4.5 m RT	CTH JJ	R2-1	1	---	SPEED LIMIT
			PROJECT TOTALS	12	10	
			TOTALS	41	34	

TRAFFIC CONTROL, BARRICADES, DRUMS, WARNING LIGHTS AND SIGNS

LOCATION OR STAGE	SERVICE PERIOD DAYS	SIGN NO.	SIGN DAYS	BARRICADES TYPE III NO	BARRICADES TYPE III DAYS	DRUMS NO	DRUMS DAYS	WARNING LIGHTS TYPE C NO	WARNING LIGHTS TYPE C DAYS
PROJECT I.D. 4984-00-97									
CTH E	155	27	4 185	20	3 100	---	---	---	---
DETOUR	155	12	1 860	---	---	---	---	---	---
PROJECT TOTALS			6 045		3 100		0		0
PROJECT I.D. 4984-00-95									
STAGE 1, PHASE 1	2	21	42	6	12	38	76	---	---
STAGE 1, PHASE 2	25	45	1 125	27	675	137	3 425	54	1 350
STAGE 2	25	43	1 075	18	450	144	3 600	59	1 475
STAGE 3	10	33	330	33	330	232	2 320	101	1 010
UNDISTRIBUTED	155	24	3 720	15	2 325	83	12 865	32	4 960
PROJECT TOTALS			6 292		3 792		22 286		8 795
TOTALS			12 337		6 892		22 286		8 795

TEMPORARY PAVEMENT MARKING, 100mm

LOCATION	TRAFFIC CONTROL STAGE	CENTERLINE DOUBLE YELLOW m	EDGELINE WHITE m	REMOVABLE TAPE CENTERLINE DOUBLE YELLOW m	REMOVABLE TAPE EDGELINE WHITE m
PROJECT I.D. 4984-00-95					
CTH JJ, WEST OF CTH E	1, PHASE 2	340	---	820	---
CTH JJ, EAST OF CTH E	1, PHASE 2	300	---	160	---
CTH E, SOUTH OF CTH JJ	1, PHASE 2	410	210	---	---
CTH E, NORTH OF CTH JJ	1, PHASE 2	470	260	---	---
CTH JJ, WEST OF CTH E	2	---	---	1 140	---
CTH JJ, EAST OF CTH E	2	---	---	610	---
CTH E, SOUTH OF CTH JJ	2	---	---	360	---
CTH E, NORTH OF CTH JJ	2	---	---	600	190
TOTALS		1 520	470	3 690	190

TEMPORARY PAVEMENT MARKING, 100mm TOTAL = 1 990m
TEMPORARY PAVEMENT MARKING, 100mm, REMOVABLE TAPE TOTAL = 3 880m

GEOTEXTILE FABRIC, TYPE SAS

STATION TO STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+055.5 - 1 'NB'+180	CTH E	1 900
1 'NB'+180 - 1 'NB'+360	CTH E	2 850
1 'NB'+360 - 1 'NB'+540	CTH E	3 020
1 'NB'+540 - 1 'NB'+720	CTH E	2 390
1 'NB'+720 - 1 'NB'+900	CTH E	2 390
1 'NB'+900 - 2 'NB'+080	CTH E	2 390
2 'NB'+080 - 2 'NB'+260	CTH E	3 500
2 'NB'+260 - 2 'NB'+440	CTH E	3 330
2 'NB'+440 - 2 'NB'+500	CTH E	1 410
	PROJECT TOTAL	23 180
PROJECT I.D. 4984-00-95		
2 'NB'+500 - 2 'NB'+620	CTH E	2 820
2 'NB'+620 - 2 'NB'+800	CTH E	4 800
2 'NB'+800 - 2 'NB'+980	CTH E	2 800
2 'NB'+980 - 3 'NB'+055	CTH E	1 400
	PROJECT TOTAL	11 820
	TOTAL	35 000

CONTROL CABINET BASE, TYPE 9

STATION	LOCATION	EACH
PROJECT I.D. 4984-00-95		
2 'NB'+645, 24m, RT	CTH E	1

ELECTRICAL WIRE, LIGHTING

FROM	TO	TYPE UF CABLE 2 CONDUCTOR NO. 10 m	BASE TO HEAD ELECTRICAL WIRE LIGHTING NO. 12 m
PROJECT I.D. 4984-00-95			
CB	SB2	110	30
SB2	SB5	140	30
CB	SB11	75	30
SB11	SB8	140	30
	TOTALS	465	120

EROSION MAT, CLASS I, TYPE A

STATION TO STATION	LOCATION	DELIVERED sm	INSTALLED sm
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1'NB' + 055.5 - 1'NB' + 210	CTH E	5	5
PROJECT I.D. 4984-00-95			
1'EB' + 250 - 1'EB' + 370	CTH JJ	10	10
	TOTALS	15	15

NON-METALLIC CONDUIT, SCHEDULE 80

FROM	TO	50mm m	75mm m	100mm m
PROJECT I.D. 4984-00-97				
CATEGORY 010				
CTH E & EVERGREEN				
PB1	PB2	---	18.5	---
PB2	PB3	---	10.0	---
	SUBTOTALS	0	28.5	0
CTH E & ASHBURY				
PB1	PB2	---	18.0	0
PB2	PB3	---	14.0	0
PB3	PB4	---	15.5	0
PB4	PB5	---	11.5	0
PB5	PB6	---	15.5	0
PB6	PB7	---	19.0	0
PB7	PB8	---	12.5	0
PB8	PB9	---	15.5	0
PB9	PB10	---	12.0	0
PB10	PB1	---	14.0	0
	SUBTOTALS	0	147.5	0
	PROJECT TOTALS	0.0	176.0	0
PROJECT I.D. 4984-00-95				
CTH E & CTH JJ				
CB	PB1	---	20.0	---
PB1	PB2	---	---	19.0
PB1	SB1	5.0	---	---
PB1	SB13	3.0	---	---
PB2	PB3	---	---	11.0
PB2	SB2	1.5	---	---
PB3	PB4	---	10.0	---
PB3	SB3	2.0	---	---
PB4	PB5	---	14.0	---
PB4	SB4	1.5	---	---
PB5	PB6	---	12.0	---
PB5	SB5	2.0	---	---
PB6	PB7	---	10.0	---
PB6	SB6	2.0	---	---
PB7	PB8	---	16.0	---
PB7	SB7	1.5	---	---
PB8	PB9	---	11.0	---
PB8	SB8	1.5	---	---
PB9	PB10	---	11.0	---
PB9	SB9	2.5	---	---
PB10	PB11	---	---	15.0
PB10	SB10	2.0	---	---
PB11	PB12	---	---	10.0
PB11	SB11	1.5	---	---
PB12	CB	---	12.0	---
PB12	SB12	2.0	---	---
	PROJECT TOTALS	28.0	116.0	55.0
	TOTALS	28.0	292.0	55.0

MISCELLANEOUS QUANTITIES | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-97/95 | SHEET NO: . | M

FILE NAME: E1339A98/SHEETS /PLAN /M005 .20G
PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
TECH/ENGR: KRE/SDC PLOT DATE: 10/18/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON: 50,51, 56,57, 59.

SIGNS, TYPE II AND WOOD POSTS (SHEET 1 OF 2)

SIGN NO.	STATION	LOCATION	CODE	L X H	SIGNS TYPE II sm	WOOD POSTS 4.3m EACH	WOOD POSTS 4.9m EACH	REMARKS
PROJECT I.D. 4984-00-97								
CATEGORY 010								
10	1'NB'+057.1, 22.2m RT	CTH E	R1-1	750mm x 750mm	0.48	---	1	
11	1'NB'+057.1, 22.2m RT	CTH E	R6-3A	600mm x 450mm	0.28	---	---	MOUNT ON SAME POST AS #10
12	1'NB'+069.1, 1.2m LT	CTH E	R4-7	600mm x 750mm	0.45	1	---	
13	1'SB'+080, 8.3m LT	CTH E	D4-2L	900mm x 1200mm	1.11	---	1	
14	1'NB'+100, 8.2m RT	CTH E	R2-1	600mm x 750mm	0.46	1	---	35 MPH
15	1'NB'+102, 1.2m LT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
22	1'NB'+249, 11.2m RT	CTH E	R5-1	750mm x 750mm	0.56	---	---	MOUNT ON SAME POST AS #23
23	1'NB'+249.7, 11.2m RT	CTH E	R3-55R	600mm x 750mm	0.45	---	1	
24	1'NB'+271, 1.8m LT	CTH E	R4-7	600mm x 750mm	0.45	1	---	
25	1'SB'+290, 8.0m LT	CTH E	R6-2L	450mm x 600mm	0.27	1	---	
26	4+014.9, 7.4m LT	SILVER LEAF COURT	R1-1	750mm x 750mm	0.48	---	1	
27	4+014.9, 7.4m LT	SILVER LEAF COURT	R6-3A	600mm x 450mm	0.28	---	---	MOUNT ON SAME POST AS #26
28	1'NB'+309.7, 1.2m LT	CTH E	R4-7	600mm x 750mm	0.45	1	---	
29	1'NB'+334.7, 1.2m LT	CTH E	R3-55L	600mm x 750mm	0.46	1	---	
31	1'NB'+381.3, 4.2m LT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
35	1'SB'+452.4, 1.2m RT	CTH E	R4-7	600mm x 750mm	0.46	1	---	
36	1'NB'+490, 2.5m LT	CTH E	R4-7	600mm x 750mm	0.46	1	---	
37	1'SB'+505.4, 11.2m LT	CTH E	R3-55R	600mm x 750mm	0.45	---	1	
38	1'SB'+505.4, 11.2m LT	CTH E	R5-1	750mm x 750mm	0.56	---	---	MOUNT ON SAME POST AS #37
55	1'NB'+900, 8.2m RT	CTH E	S1-1	750mm x 750mm	0.44	1	---	
60	2'NB'+000, 8.2m RT	CTH E	S4-51	600mm x 1200mm	0.72	---	1	
61	2'SB'+106.8, 1.2m RT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
62	2'NB'+108.6, 11.2 RT	CTH E	R3-55R	600mm x 750mm	0.45	1	---	
63	2'SB'+132.4, 1.2m RT	CTH E	R4-7	600mm x 750mm	0.45	1	---	
63A	2'NB'+130, 11.2m RT	CTH E	R5.1	750mm x 750mm	0.56	1	---	
64	2+164.6, 9.0m RT	ASHBURY DRIVE	R1-1	750mm x 750mm	0.48	---	1	
65	2+164.6, 9.0m RT	ASHBURY DRIVE	R6-3	600mm x 450mm	0.28	---	---	MOUNT ON SAME POST AS #65
66	2+199.3, 4.8m LT	ASHBURY DRIVE	R1-1	750mm x 750mm	0.48	---	1	
67	2+199.3, 4.8m LT	ASHBURY DRIVE	R6-3	600mm x 450mm	0.28	---	---	MOUNT ON SAME POST AS #67
68	1'NB'+178, 1.2m LT	CTH E	R4-7	600mm x 750mm	0.45	1	---	
69	2'SB'+193, 11.2m LT	CTH E	R3-55R	600mm x 750mm	0.45	1	---	
70	2'NB'+204.5, 1.2m LT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
71	2'NB'+205, 8.2 m RT	CTH E	S4-51	600mm x 1200mm	0.72	1	---	
72	2'NB'+260, 8.2m RT	CTH E	R3-9B	600mm x 900mm	0.54	1	---	
73	2'SB'+320, 8.2m LT	CTH E	R3-9B	600mm x 900mm	0.54	1	---	
74	2'SB'+350, 8.2m LT	CTH E	R2-1	600mm x 750mm	0.45	1	---	35 MPH
75	4+986, 6.7m RT	MEMORY LANE	R1-1	750mm x 750mm	0.48	1	---	
76	2'NB'+380, 8.5m RT	CTH E	W3-3	900mm x 900mm	0.81	---	1	
77	4+960, 9.5m LT	MEMORY LANE	R2-1	600mm x 750mm	0.45	1	---	25 MPH
78	2'NB'+420, 8.2m RT	CTH E	J1-1	---	0.56	1	---	
79	2'NB'+461.4, 15.4m RT	CTH E	R1-1	750mm x 750mm	0.48	1	---	
MOVING SIGNS							1	
				SUBTOTALS	19.98	26	10	
CATEGORY 020								
200	2+220, 8.3m RT	ASHBURY DRIVE	W14-1	750mm x 750mm	0.56	---	1	NO OUTLET
201	2+220, 8.3m RT	ASHBURY DRIVE	R8-3A*	600mm x 600mm	0.36	---	---	MOUNT ON SAME POST AS #200
202	2+250, 5.1m LT	ASHBURY DRIVE	R7-51L	450mm x 600mm	0.28	1	---	
				SUBTOTALS	1.20	1	1	
				PROJECT TOTALS	21.18	27	11	(continued on next page)

* SIGN SHALL BE IN ACCORDANCE WITH THE FHWA MANUAL OF STANDARD HIGHWAY SIGNS.

PULL BOXES

PULL BOX NUMBER	LOCATION	STEEL 600 mm X 1200 mm EACH
PROJECT I.D. 4984-00-97		
CATEGORY 010		
CTH E & EVERGREEN		
PB2	1 'NB'+077, 1.2m, LT	1
CTH E & ASHBURY		
PB1	2 'NB'+150, 22.5m, LT	1
PB2	2 'NB'+168.5, 23m, LT	1
PB3	2 'NB'+178, 18.8m, LT	1
PB4	2 'NB'+178.5, 1.2m, LT	1
PB5	2 'NB'+175, 9.5m, LT	1
PB6	2 'NB'+162.5, 18m, RT	1
PB7	2 'NB'+143.5, 18m, RT	1
PB8	2 'NB'+132.5, 10.8m, RT	1
PB9	2 'NB'+132.5, 4.2m, LT	1
PB10	2 'NB'+141.5, 18.0m, LT	1
	PROJECT TOTAL	11
PROJECT I.D. 4984-00-95		
CTH E & CTH JJ		
PB1	2 'NB'+642.8, 14.8m, RT	1
PB2	2 'NB'+641, 4.2m, LT	1
PB3	2 'NB'+643, 15m, LT	1
PB4	2 'NB'+650, 20.7m, LT	1
PB5	2 'NB'+664, 23.7m, LT	1
PB6	2 'NB'+676, 23.7m, LT	1
PB7	2 'NB'+683, 17.5m, LT	1
PB8	2 'NB'+684.8, 1.3m, LT	1
PB9	2 'NB'+683.6, 9.5m, RT	1
PB10	2 'NB'+676, 16.6m, RT	1
PB11	2 'NB'+661, 21.4m, RT	1
PB12	2 'NB'+651.4, 21.5m, RT	1
	SUBTOTAL	12
	TOTAL	23

TRAFFIC SIGNAL CABLE, NO. 14

FROM	TO	15 COND m	HEAD NO.	BASE TO HEAD 7 COND. m
PROJECT I.D. 4984-00-95				
CB	SB1	20	4	6
CB	SB2	37	5	6
---	---	---	6	6
CB	SB3	51	7	12
			8	6
CB	SB4	62	14	6
CB	SB5	78	15	6
---	---	---	16	6
CB	SB6	92	17	12
---	---	---	18	6
CB	SB7	87	9	6
CB	SB8	68	1	6
---	---	---	10	6
CB	SB9	56	2	12
---	---	---	3	6
CB	SB10	42	19	6
CB	SB11	25	11	6
---	---	---	20	6
CB	SB12	14	12	12
---	---	---	13	6
CB	SB13	18	21,25	6
	TOTAL	650		150

COLOR CODE

NB & WB	SB & EB
RED = RED	RED = RED
YELLOW = ORANGE	YELLOW = ORANGE W/ BLACK
GREEN = GREEN	GREEN = GREEN W/ BLACK
LT. GREEN = BLUE	LT. GREEN = BLUE W/ BLACK
LT. YELLOW = BLACK	LT. YELLOW = BLACK W/ WHITE

ELECTRICAL WIRE, TRAFFIC SIGNALS, NO. 10

FROM	TO	GROUNDED CONDUCTOR m	EQUIPMENT GROUNDING CONDUCTOR m
PROJECT I.D. 4984-00-95			
CTH E & CTH JJ			
CB	SB1	20	20
SB1	SB13	12	12
SB13	SB2	30	30
SB13	PB1	---	6
SB2	SB3	21	21
SB2	PB2	---	4
SB3	SB4	19	19
SB3	PB3	---	4
SB4	SB5	23	23
SB4	PB4	---	4
SB5	SB6	21	21
SB5	PB5	---	4
SB6	SB7	19	19
SB6	PB6	---	4
SB7	SB8	25	25
SB7	PB7	---	4
SB8	SB9	19	19
SB8	PB8	---	4
SB9	SB10	20	20
SB9	PB9	---	4
SB10	SB11	24	24
SB10	PB10	---	4
SB11	SB12	19	19
SB11	PB11	---	4
SB12	CB	13	13
SB12	PB12	---	4
	TOTAL	285	335

PROJECT TOTAL = 620

SEALING JOINTS

STATION TO STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 020		
1 'NB'+055.5 - 1 'NB'+180	CTH E	2 205
1 'NB'+180 - 1 'NB'+360	CTH E	3 525
1 'NB'+360 - 1 'NB'+540	CTH E	3 445
1 'NB'+540 - 1 'NB'+720	CTH E	2 820
1 'NB'+720 - 1 'NB'+900	CTH E	2 820
1 'NB'+900 - 2 'NB'+080	CTH E	2 820
2 'NB'+080 - 2 'NB'+260	CTH E	4 230
2 'NB'+260 - 2 'NB'+440	CTH E	3 785
2 'NB'+440 - 2 'NB'+500	CTH E	1 510
2+081.7 - 2+152.4	ASHBURY DRIVE	815
2+210 - 2+277.4	ASHBURY DRIVE	765
	PROJECT TOTAL	28 740
PROJECT I.D. 4984-00-95		
2 'NB'+500 - 2 'NB'+620	CTH E	2 320
2 'NB'+620 - 2 'NB'+782.6	CTH E	4 105
1 'EB'+140 - 1 'EB'+300	CTH JJ	1 935
	PROJECT TOTAL	8 360
	TOTAL	37 100

LOOP DETECTORS

LOOP NO.	CONDUIT m	WIRE m	LEAD IN CABLE m	NO. TURNS
PROJECT I.D. 4984-00-95				
CTH E & CTH JJ				
21	13.0	42	57	4
22	16.0	48	57	4
41	10.5	38	70	4
42	15.0	47	55	4
43	11.0	39	55	4
61	19.5	53	14	4
62	16.5	50	14	4
81	12.5	42	20	4
82	15.0	47	36	4
83	11.0	39	36	4
TOTALS	140.0	445	414	

BACKPLATES, 3-SECTION, 300mm, SPECIAL

	EACH
PROJECT I.D. 4984-00-95	
CTH E & CTH JJ INTERSECTION	4

TRAFFIC SIGNAL FACES (AND BACKPLATES)

LOCATION	5-300mm VERT EACH	BACKPLATES 5-SECTION 300mm EACH
PROJECT I.D. 4984-00-95		
CTH E/CTH JJ INTERSECTION	8	8*

* NON-BID ITEM, FOR INFORMATION ONLY

FILE NAME: E1339A98/SHEETS /PLAN /M006 .2DG PLOT SCALE: 1:1
PLOT NAME: SEE FILE NAME 56, 57, 59, 50, 51
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
TECH/ENGR: KRE/SDC PLOT DATE: 10/18/99 REV. DATE: 02/02/00
LEVELS ON .

SIGNS, TYPE II AND WOOD POSTS (SHEET 2 OF 2)

SIGN NO.	STATION	LOCATION	CODE	L X H	SIGNS TYPE II sm	WOOD POSTS 4.3m EACH	WOOD POSTS 4.9m EACH	REMARKS
PROJECT I.D. 4984-00-95								
81	2'SB'+540, 8.2m LT	CTH E	R3-9B	600mm x 900mm	0.54	1	---	
82	2'SB'+583, 1.2m RT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
83	2'NB'+602.5, 11.2m RT	CTH E	R3-55R	600mm x 750mm	0.45	1	---	
84	2'SB'+620, 8.2m LT	CTH E	S4-51	600mm x 1200mm	0.72	---	1	
85	2'NB'+639, 4.2m LT	CTH E	R4-7	600mm x 750mm	0.48	---	---	MOUNT ON TRAFFIC SIGNAL POLE
86	2'NB'+638.5, 10.8m RT	CTH E	J13-1	---	0.64	---	---	MOUNT ON TRAFFIC SIGNAL POLE
86A	2'NB'+638.5, 10.8m RT	CTH E	R1-1 (FOLDING)	750mm X 750mm	0.56	---	---	MOUNT ON TRAFFIC SIGNAL POLE
86B	2'SB'+641, 9.6m LT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	BALLARD, MOUNT ON TRAFFIC SIGNAL POLE
86C	2'SB'+641, 9.6m LT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	CTH JJ, MOUNT ON TRAFFIC SIGNAL POLE
87	1'EB'+199.7, 10.5m RT	CTH JJ	J13-1	---	0.64	---	---	MOUNT ON TRAFFIC SIGNAL POLE
87A	1'EB'+199.7, 10.5m RT	CTH JJ	R1-1 (FOLDING)	750MM X 750mm	0.56	---	---	MOUNT ON TRAFFIC SIGNAL POLE
88	2'NB'+645.5, 15.3m RT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	BALLARD, MOUNT ON TRAFFIC SIGNAL POLE
88A	2'NB'+645.5, 15.3m RT	CTH E	R5-1	750mm x 750mm	0.56	---	---	MOUNT ON TRAFFIC SIGNAL POLE
89	2'NB'+645.5, 15.3m RT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	CTH JJ, MOUNT ON TRAFFIC SIGNAL POLE
90	1'EB'+241.7, 1.3m LT	CTH JJ	R4-7	600mm x 750mm	0.48	---	---	MOUNT ON TRAFFIC SIGNAL POLE
91	1'EB'+196.5, 4.6m LT	CTH JJ	R4-7	600mm x 750mm	0.48	---	---	MOUNT ON TRAFFIC SIGNAL POLE
92	1'WB'+240.6, 9.3m LT	CTH JJ	J13-1	---	0.64	---	---	MOUNT ON TRAFFIC SIGNAL POLE
92A	1'WB'+240.6, 9.3m LT	CTH JJ	R1-1 (FOLDING)	750mm X 750mm	0.56	---	---	MOUNT ON TRAFFIC SIGNAL POLE
93	2'NB'+684.6, 9.8m RT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	BALLARD, MOUNT ON TRAFFIC SIGNAL POLE
94	2'NB'+684.6, 9.8m RT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	CTH JJ, MOUNT ON TRAFFIC SIGNAL POLE
95	2'SB'+685, 11.3m LT	CTH E	J13-1	---	0.64	---	---	MOUNT ON TRAFFIC SIGNAL POLE
95A	2'SB'+685, 11.3m LT	CTH E	R1-1 (FOLDING)	750mm X 750mm	0.56	---	---	MOUNT ON TRAFFIC SIGNAL POLE
95B	2'SB'+685, 11.3m LT	CTH E	R5-1	750mm X 750mm	0.56	---	---	MOUNT ON TRAFFIC SIGNAL POLE
96	2'SB'+685, 11.3m LT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	BALLARD, MOUNT ON TRAFFIC SIGNAL POLE
97	2'SB'+685, 11.3m LT	CTH E	R10-4X	225mm x 300mm	0.07	---	---	CTH JJ
98	2'NB'+686, 1.2m LT	CTH E	R4-7	600mm x 750mm	0.48	---	---	MOUNT ON TRAFFIC SIGNAL POLE
99	2'NB'+713, 1.2m LT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
100	2'NB'+860, 8.8m RT	CTH E	R2-1	600mm x 750mm	0.45	1	---	45 MPH
101	2'SB'+726, 8.2m LT	CTH E	R3-55R	600mm x 750mm	0.45	1	---	
102	2'SB'+736, 1.2m RT	CTH E	R3-55L	600mm x 750mm	0.45	1	---	
103	2'SB'+754.4, 1.2m RT	CTH E	R4-7	600mm x 750mm	0.48	1	---	
104	2'NB'+760, 8.5m RT	CTH E	W4-2R	900mm x 900mm	0.81	---	1	
106	2'SB'+820, 10.0m LT	CTH E	S4-51	600mm x 1200mm	0.72	---	1	
300	1'EB'+070, 8.2m RT	CTH JJ	S4-51	600mm x 1200mm	0.72	---	1	
301	1'WB'+140, 8.4m LT	CTH JJ	W11-3	750mm x 750mm	0.56	---	1	
302	1'WB'+140, 8.4m LT	CTH JJ	W57-51	750mm x 375mm	0.28	---	---	MOUNT ON SAME POST AS #301, 1/2 MILE
303	1'EB'+154, 8.0m RT	CTH JJ	R3-2	600mm x 600mm	0.36	1	---	
303A	1'WB'+161, 1.2m RT	CTH JJ	R4-7	600mm x 750mm	0.48	---	1	MOUNT ON SAME POST AS #304
304	1'WB'+161, 1.2m RT	CTH JJ	R3-55L	600mm x 750mm	0.45	---	1	
305	1'WB'+180, 8.2m LT	CTH JJ	R2-1	600mm x 750mm	0.45	1	---	35 MPH
306	1'EB'+269.7, 1.2m LT	CTH JJ	R3-55L	600mm x 750mm	0.45	1	---	
307	1'EB'+280, 8.2m RT	CTH JJ	S4-51	600mm x 1200mm	0.72	---	1	
308	1'EB'+290, 2.5m LT	CTH JJ	R4-7	600mm x 750mm	0.48	1	---	
				PROJECT TOTALS	19.32	12	7	
				TOTALS	40.50	39	18	

SAWING EXISTING PAVEMENT

STATION	LOCATION	m
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1 'NB'+125, RT	DRIVEWAY	5.0
4+050	SILVER LEAF DRIVE	10.0
1 'SB'+478, LT	DRIVEWAY	10.0
1 'SB'+518, LT	DRIVEWAY	4.0
4+940.8	MEMORY LANE	7.0
2 'NB'+450, RT	DRIVEWAY	23.0
1 'SB'+475, LT	DRIVEWAY	5.0
	SUBTOTAL	64.0
CATERGORY 020		
2+081.1	ASHBURY DRIVE	11.0
2+293.5	ASHBURY DRIVE	23.0
2+288 - 2+293.5	ASHBURY DRIVE	5.0
	SUBTOTAL	39.0
	PROJECT TOTAL	103.0
PROJECT I.D. 4984-00-95		
2 'SB'+532, LT	DRIVEWAY	3.5
2 'NB'+770, RT	DRIVEWAY	7.0
2 'SB'+776, LT	DRIVEWAY	9.0
2 'SB'+835, LT	DRIVEWAY	12.0
2 'SB'+854	CTH E	3.5
2 'NB'+854 - 2 'NB'+863.4	CTH E	10.0
2 'NB'+863.4	CTH E	6.0
2 'NB'+863.4 - 3 'NB'+055	CTH E	192.0
1 'EB'+040	CTH JJ	13.0
1 'WB'+078, LT	DRIVEWAY	4.0
1 'EB'+115, RT	DRIVEWAY	7.0
1 'WB'+130, LT	DRIVEWAY	10.0
1 'WB'+151, LT	DRIVEWAY	9.0
1 'WB'+310, LT	DRIVEWAY	10.0
1 'EB'+320, RT	DRIVEWAY	6.0
1 'EB'+369.7	CTH JJ	15.0
	PROJECT TOTAL	317.0
	TOTAL	420.0

ADJUSTING EXISTING PULL BOX

LOCATION	EACH	COMMENT
PROJECT I.D. 4984-00-97		
CATEGORY 010		
CTH E & EVERGREEN DRIVE		
1 'NB'+077.5, 15m, LT	1	RAISE APPROX. 0.3m
1 'NB'+077, 9.2, RT	1	RAISE APPROX. 0.2m
TOTAL	2	

TRAFFIC SIGNALS

SIGNAL BASE NO.	CONCRETE BASES TYPE 1 EACH	CONCRETE BASES TYPE 2 EACH	PEDESTAL BASES EACH	TRANSFORMER BASES EACH	LUMINAIRE AND ARM EACH	POLES TYPE 2 EACH	POLES TYPE 3 EACH	TRAFFIC SIGNAL STANDARDS 2.7 m EACH	TRAFFIC SIGNAL STANDARDS 4.0 m EACH	TROMBONE ARMS 4.6 m EACH	PEDESTRIAN FACES 300 mm EACH	PEDESTRIAN PUSH BUTTONS EACH
PROJECT I.D. 4984-00-95												
SB1	1	---	SALV	---	---	---	---	---	SALV	---	---	---
SB2	---	1	---	SALV	SALV	---	SALV	---	---	---	---	---
SB3	---	1	---	1	---	1	---	---	---	SALV	1	2
SB4	1	---	SALV	---	---	---	---	---	SALV	---	1	---
SB5	---	1	---	SALV	SALV	---	SALV	---	---	---	---	---
SB6	---	1	---	1	---	1	---	---	---	SALV	1	---
SB7	1	---	SALV	---	---	---	---	---	SALV	---	1	2
SB8	---	1	---	SALV	SALV	---	SALV	---	---	---	---	---
SB9	---	1	---	1	---	1	---	---	---	SALV	1	2
SB10	1	---	SALV	---	---	---	---	---	SALV	---	1	---
SB11	---	1	---	SALV	SALV	---	SALV	---	---	---	---	---
SB12	---	1	---	1	---	1	---	---	---	SALV	---	---
SB13	1	---	1	---	---	---	---	1	---	---	2	2
TOTALS	5	8	1	4	0	4	0	1	0	0	8	8

(SALV = PART OF BID ITEM 90004B, SALVAGING EXISTING TRAFFIC SIGNAL EQUIPMENT, CTH E AND CTH JJ INTERSECTION)

SALVAGED TRAFFIC SIGNAL FACES AND BACKPLATES

(FOR INFORMAITON ONLY, PART OF BID ITEM 90004B SALVAGING EXISTING TRAFFIC SIGNAL EQUIPMENT, CTH E AND CTH JJ INTERSECTION)

	3-300mm VERT EACH	3-300mm HORIZONTAL EACH	BACKPLATES 3-SECTION 300mm EACH
PROJECT I.D. 4984-00-95			
CTH E & CTH JJ	8	4	8

SAWING CONCRETE PAVEMENT, FULL DEPTH

STATION	LOCATION	m
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1'NB'+055.5	CTH E	30

MISCELLANEOUS QUANTITIES | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-97/95 | SHEET NO: . | M

CONSTRUCTION STAKING

STATION TO STATION	LOCATION	CRUSHED AGGREGATE BASE COURSE SPECIAL m	PRELIMINARY m	SUBGRADE SPECIAL m	CONCRETE PAVEMENT SPECIAL m	CURB, GUTTER, CURB & GUTTER SPECIAL m	STORM SEWER SYSTEM EACH	PIPE CULVERT SPECIAL EACH
PROJECT I.D. 4984-00-97								
CATEGORY 010								
1 'NB'+055.5 - 1 'NB'+180	CTH E	---	249	249	249	---	6	---
1 'NB'+180 - 1 'NB'+360	CTH E	---	360	360	360	---	5	---
1 'NB'+360 - 1 'NB'+540	CTH E	---	360	360	360	---	13	---
1 'NB'+540 - 1 'NB'+720	CTH E	---	360	360	360	---	6	---
1 'NB'+720 - 1 'NB'+900	CTH E	---	360	360	360	---	4	---
1 'NB'+900 - 2 'NB'+080	CTH E	---	360	360	360	---	6	---
2 'NB'+080 - 2 'NB'+260	CTH E	---	360	360	360	---	10	---
2 'NB'+260 - 2 'NB'+440	CTH E	---	360	360	360	---	11	---
2 'NB'+440 - 2 'NB'+500	CTH E	---	120	120	120	8	1	1
	SILVER LEAF COURT	21	50	50	29	---	2	---
	MEMORY LANE	41	60	60	19	---	---	---
	SUBTOTALS	62	2 999	2 999	2 937	8	64	1
CATEGORY 020								
2+081.7 - 2+240	ASHBURY DRIVE	---	159	159	159	---	2	---
2+240 - 2+293.5	ASHBURY DRIVE	16	54	54	38	31	2	---
	SUBTOTALS	16	213	213	197	31	4	0
	PROJECT TOTALS	78	3 212	3 212	3 134	39	68	1
PROJECT I.D. 4984-00-95								
CATEGORY 020								
2 'NB'+500 - 2 'NB'+620	CTH E	---	240	240	240	---	12	---
2 'NB'+620 - 2 'NB'+800	CTH E	22	360	360	338	25	9	---
2 'NB'+800 - 2 'NB'+980	CTH E	213	213	213	---	64	---	2
2 'NB'+980 - 3 'NB'+055	CTH E	75	75	75	---	---	---	---
1 'EB'+040 - 1 'EB'+180	CTH JJ	163	261	261	98	185	2	---
1 'EB'+180 - 1 'EB'+360	CTH JJ	120	360	360	240	47	9	---
1 'EB'+360 - 1 'EB'+369.7	CTH JJ	20	20	20	---	---	---	---
	PROJECT TOTALS	613	1 529	1 529	916	321	32	2
	TOTALS	691	4 741	4 741	4 050	360	100	3

INLET PROTECTION TYPE C

STRUCTURE NO.	STATION	LOCATION	EACH
PROJECT I.D. 4984-00-97			
CATEGORY 010			
1	1'NB'+072, 7.05m RT	CTH E	1
2	1'SB'+119, 1.44m RT	CTH E	1
3	1'SB'+170, 7.05m LT	CTH E	1
4	1'SB'+170, 0.15m RT	CTH E	1
5	1'NB'+170, 0.15m LT	CTH E	1
6	1'NB'+170, 7.05m RT	CTH E	1
7	1'NB'+225, 7.58m RT	CTH E	1
8	4+028, 4.88m RT	SILVER LEAF CT	1
9	4+028, 4.88m LT	SILVER LEAF CT	1
11	1'SB'+350, 1.62m RT	CTH E	1
12	1'NB'+350, 0.15m LT	CTH E	1
13	1'NB'+350, 7.05m RT	CTH E	1
14	1'SB'+380, 7.05m LT	CTH E	1
15	1'SB'+380, 0.15m RT	CTH E	1
16	1'NB'+380, 3.02m LT	CTH E	1
17	1'NB'+380, 7.05m RT	CTH E	1
18	1'SB'+382, 7.05m LT	CTH E	1
20	1'NB'+440, 7.05m RT	CTH E	1
22	1'SB'+490.9, 10.05m LT	CTH E	1
23	1'SB'+496, 0.15m RT	CTH E	1
24	1'NB'+496, 0.15m LT	CTH E	1
25	1'NB'+496, 7.05m RT	CTH E	1
27	1'SB'+648, 7.05m LT	CTH E	1
28	1'NB'+648, 7.05m RT	CTH E	1
29	1'SB'+650, 7.05m LT	CTH E	1
30	1'SB'+650, 0.15m RT	CTH E	1
31	1'NB'+650, 0.15m LT	CTH E	1
32	1'NB'+650, 7.05m RT	CTH E	1
35	1'SB'+880, 7.05m LT	CTH E	1
36	1'SB'+880, 0.15m RT	CTH E	1
37	1'NB'+880, 0.15m LT	CTH E	1
38	1'NB'+880, 7.05m RT	CTH E	1
40	1'SB'+980, 7.05m LT	CTH E	1
40A	1'SB'+982, 7.05m LT	CTH E	1
41	1'SB'+980, 0.15m RT	CTH E	1
42	1'NB'+980, 0.15m LT	CTH E	1
43	1'NB'+980, 7.05m RT	CTH E	1
43A	1'NB'+982, 7.05m RT	CTH E	1
48	2+165.2, 9.75m LT	ASHBURY DRIVE	1
49	2+193.6, 8.60m LT	ASHBURY DRIVE	1
59	2'SB'+265, 7.05m LT	CTH E	1
60	2'SB'+263, 7.05m LT	CTH E	1
61	2'NB'+265, 7.05m RT	CTH E	1

INLET PROTECTION TYPE C (continued)

STRUCTURE NO.	STATION	LOCATION	EACH
62	2'NB'+263, 7.05m RT	CTH E	1
68	2'SB'+404.2, 10.01m LT	CTH E	1
		SUBTOTAL	45
CATEGORY 020			
46	2+140, 6.09m RT	ASHBURY DRIVE	1
47	2+140, 4.57m LT	ASHBURY DRIVE	1
50	2+259.1, 3.88m LT	ASHBURY DRIVE	1
51	2+259.1, 6.79m RT	ASHBURY DRIVE	1
		SUBTOTAL	4
		PROJECT TOTAL	49
72	2'SB'+510, 7.05m LT	CTH E	1
73	2'SB'+512, 7.05m LT	CTH E	1
74	2'NB'+523, 7.05m RT	CTH E	1
75	2'NB'+525, 7.05m RT	CTH E	1
77	2'SB'+585, 7.05m LT	CTH E	1
77A	2'SB'+587, 7.05m LT	CTH E	1
78	2'SB'+585, 0.15m RT	CTH E	1
79	2'NB'+585, 3.15m LT	CTH E	1
80	2'NB'+585, 8.35m RT	CTH E	1
80A	2'NB'+587, 8.55m RT	CTH E	1
82	2'SB'+688.5, 13.05m LT	CTH E	1
83	2'SB'+688.9, 3.15m RT	CTH E	1
84	2'NB'+688.9, 3.15m LT	CTH E	1
85	2'NB'+688.9, 7.05m RT	CTH E	1
86	2'SB'+723.2, 13.05m LT	CTH E	1
87	2'SB'+725.2, 13.05m LT	CTH E	1
88	2'NB'+723.2, 7.05m RT	CTH E	1
89	2'NB'+725.2, 7.05m RT	CTH E	1
110	1'WB'+143, 7.05m LT	CTH JJ	1
111	1'EB'+143, 7.05m RT	CTH JJ	1
112	1'WB'+202.3, 11.05m LT	CTH JJ	1
113	1'WB'+193.5, 0.15m RT	CTH JJ	1
114	1'EB'+193.5, 3.45m LT	CTH JJ	1
115	1'EB'+193.5, 7.05m RT	CTH JJ	1
116	1'WB'+260, 7.05m LT	CTH JJ	1
117	1'WB'+260, 3.45m RT	CTH JJ	1
118	1'EB'+260, 0.15m LT	CTH JJ	1
119	1'EB'+260, 7.05m RT	CTH JJ	1
		PROJECT TOTAL	28
		TOTAL	77

150 mm MINI STORM SEWER

STATION TO STATION	LOCATION	150 mm m	INVERT ELEVATION	DISCHARGE ELEVATION	REMARKS
PROJECT I.D. 4984-00-95					
2' SB'+485 - 2 'SB'+511, LT	CTH E	27	---	---	CONNECT TO EXIST INLET
2' NB'+625 - 2 'NB'+639, RT	CTH E	14	234.03+/-	233.590	CONNECT TO STR #81
1' EB'+260 - 1 'EB'+270, RT	CTH JJ	10	234.34+/-	234.100	CONNECT TO STR # 119
	TOTALS	51			

RECONSTRUCTING AND ADJUSTING MANHOLE COVERS, SPECIAL

STATION		LOCATION	TYPE	ADJUSTING MANHOLE COVERS SPECIAL EACH	RECONSTRUCTING MANHOLE COVERS SPECIAL EACH	EXISTING ELEVATION	FINAL ELEVATION
PROJECT ID 4984-00-97							
CATEGORY 020							
1'NB' +149	1.5m LT	CTH E	SANITARY	---	1	229.600	228.987
1'NB' +249	1.8m LT	CTH E	SANITARY	---	1	229.636	229.241
1'NB' +286.5	2.0m LT	CTH E	SANITARY	---	1	229.067	229.600
4+036.8	3.0m LT	SILVER LEAF COURT	SANITARY	1	---	228.932	228.945
1'NB' +341	2.0m LT	CTH E	SANITARY	---	1	---	228.960
1'NB' +432	2.0m LT	CTH E	SANITARY	---	1	229.748	229.187
1'NB' +505.5	1.5m LT	CTH E	SANITARY	1	---	229.627	229.629
1'SB' +505.5	16.0m LT	CTH E	SANITARY	1	---	228.646	228.856
1'NB' +627	1.5m LT	CTH E	SANITARY	---	1	229.942	229.626
1'NB' +749	2.0m LT	CTH E	SANITARY	1	---	---	229.937
1'NB' +871	1.8m LT	CTH E	SANITARY	---	---	230.053	229.951
1'NB' +992	2.0m LT	CTH E	SANITARY	---	---	230.720	230.841
2'NB' +115	2.0m LT	CTH E	SANITARY	---	---	231.718	231.696
2'NB' +254	2.0m LT	CTH E	SANITARY	1	---	232.432	232.613
2'NB' +322	2.0m LT	CTH E	SANITARY	1	---	232.803	233.027
2'NB' +386.5	2.0m LT	CTH E	SANITARY	1	---	233.330	233.468
2'NB' +463	1.5m LT	CTH E	SANITARY	---	1	233.880	233.446
			PROJECT TOTALS	7	7		
PROJECT ID 4984-00-95							
2'NB' +517	1.5m LT	CTH E	SANITARY	1	---	234.322	234.214
2'NB' +589	2.0m LT	CTH E	SANITARY	1	---	234.718	234.612
2'NB' +662	2.0m LT	CTH E	SANITARY	1	---	235.200	235.395
2'NB' +784	1.8m LT	CTH E	SANITARY	---	1	236.330	236.047
			PROJECT TOTALS	3	1		
			TOTALS	10	8		

CONCRETE MEDIAN SLOPED NOSE

STATION	LOCATION	sm
PROJECT I.D. 4984-00-97		
CATEGORY 010		
1'NB'+064, LT	CTH E	3.5
1'NB'+273, LT	CTH E	3.5
1'NB'+305, LT	CTH E	3.5
1'NB'+455, LT	CTH E	3.5
2'NB'+138, LT	CTH E	3.5
2'NB'+174, LT	CTH E	3.5
	PROJECT TOTA	24.5
PROJECT I.D. 4984-00-95		
2'NB'+644, LT	CTH E	3.5
2'NB'+681, LT	CTH E	3.5
2'NB'+759, LT	CTH E	3.5
1'WB'+202, RT	CTH JJ	3.5
1'EB'+237, LT	CTH JJ	3.5
	PROJECT TOTA	17.5
	TOTAL	42.0

MOBILIZATIONS, EROSION CONTROL

	EROSION CONTROL EACH	EMERGENCY EROSION CONTROL EACH
PROJECT I.D. 4984-00-97 CATEGORY 010	4	3
PROJECT I.D. 4984-00-95	2	2
TOTALS	6	4

FILE NAME: E1339A98/SHEETS /PLAN /M008 .20G PLOT NAME: SEE FILE NAME PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: KRE/SDC REV. DATE: 02/02/00 PLOT DATE: 10/18/99
LEVELS ON - 50,51, 56,57, 59,

PAVEMENT MARKING, EPOXY

STATION	TO STATION	LOCATION	100mm CENTERLINE (YELLOW) m	100mm LANE LINE (WHITE) m	100mm EDGE LINE (YELLOW) m	100mm EDGE LINE (WHITE) m	CHANNELIZING 200mm m	STOP LINE 450mm m	DIAGONAL 200mm m	CROSSWALK 150mm m	CROSSWALK 300mm m	CURB RAMP m	CURB m	CONCRETE CORRUGATED MEDIAN sm	ISLAND NOSE EACH	WORDS EACH	ARROWS, TYPE 2 EACH
PROJECT 4984-00-97																	
CATEGORY 010																	
1'NB'+055.5	-1'NB'+210	CTH E	---	42	---	---	---	---	---	---	---	---	11	---	1	---	---
1'SB'+055.5	-1'SB'+210	CTH E	---	42	---	---	38	---	---	---	---	---	---	---	---	1	2
1'NB'+210	-1'NB'+390	CTH E	---	42	---	---	22	---	---	40	---	21	32	---	2	2	1
1'SB'+210	-1'SB'+390	CTH E	---	42	---	---	30	---	---	---	---	---	---	---	---	1	1
1'NB'+390	-1'NB'+570	CTH E	---	42	---	---	66	---	---	45	120	8	34	---	2	1	2
1'SB'+390	-1'SB'+570	CTH E	---	42	---	---	15	---	---	---	---	11	---	---	---	1	1
1+NB'+570	-1'NB'+750	CTH E	---	46	---	---	---	---	---	---	---	---	---	---	---	---	---
1'SB'+570	-1'SB'+750	CTH E	---	46	---	---	---	---	---	---	---	---	---	---	---	---	---
1'NB'+750	-1'NB'+930	CTH E	---	46	---	---	---	---	---	---	---	---	---	---	---	---	---
1'SB'+750	-1'SB'+930	CTH E	---	46	---	---	---	---	---	---	---	---	---	---	---	---	---
1'NB'+930	-2'NB'+110	CTH E	---	42	---	---	5	---	---	---	---	---	---	---	---	---	---
1'SB'+930	-2'SB'+110	CTH E	---	42	---	---	---	---	---	---	---	---	---	---	---	---	---
2'NB'+110	-2'NB'+290	CTH E	16	40	56	---	51	---	---	180	---	33	23	56	2	2	4
2'SB'+110	-2'SB'+290	CTH E	16	39	55	---	47	---	---	---	---	10	---	---	---	2	2
2'NB'+290	-2'NB'+470	CTH E	46	46	180	---	---	---	---	40	---	20	---	---	---	---	2
2'SB'+290	-2'SB'+470	CTH E	60	46	180	---	---	---	---	35	---	12	---	---	---	---	2
2'NB'+470	-2'NB'+500	CTH E	8	8	30	---	---	---	---	---	---	---	---	60	---	---	1
2'SB'+470	-2'SB'+500	CTH E	8	8	30	---	---	---	---	---	---	---	---	---	---	---	1
4+009.6	-4+050	SILVER LEAF COURT	12	---	---	45	---	5	---	---	---	---	---	---	---	---	---
4+941	-4+990	MEMORY LANE	12	---	---	78	---	5	---	---	---	---	---	---	---	---	---
		SUBTOTALS	178	707	531	123	274	10	0	340	120	115	100	116	7	10	19
CATEGORY 020																	
2+081.67	-2+150	ASHBURY DRIVE	70	---	45	---	8	---	17	---	---	---	---	---	---	1	---
2+150	-2+210	ASHBURY DRIVE	40	---	---	---	25	15	25	---	---	---	---	---	---	---	2
2+210	-2+294	ASHBURY DRIVE	72	---	110	---	35	---	---	---	---	---	---	---	---	1	1
		SUBTOTALS	182	0	155	0	68	15	42	0	0	0	0	0	0	2	3
		PROJECT TOTALS	360	707	686	123	342	25	42	340	120	115	100	116	7	12	22
PROJECT I.D. 4984-00-95																	
2'NB'+500	-2'NB'+630	CTH E	12	31	---	---	76	---	---	---	---	---	---	---	---	3	3
2'SB'+500	-2'SB'+630	CTH E	12	31	---	---	---	---	---	---	---	---	---	---	---	---	1
2'NB'+630	-2'NB'+800	CTH E	8	31	40	---	51	14	30	220	---	20	35	---	2	1	4
2'SB'+630	-2'SB'+800	CTH E	8	31	40	11	77	14	---	---	---	10	---	---	---	2	3
2'NB'+800	-2'NB'+980	CTH E	12	---	65	55	---	---	23	---	---	---	---	40	---	---	---
2'SB'+800	-2'SB'+980	CTH E	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2'NB'+980	-3'NB'+055	CTH E	20	---	---	165	---	---	---	---	---	---	---	---	---	---	---
2'SB'+980	-3'SB'+055	CTH E	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1'EB'+040	-1'EB'+190	CTH JJ	8	39	15	---	30	---	3	---	---	---	---	119	---	1	1
1'WB'+040	-1'WB'+190	CTH JJ	15	40	---	---	---	---	---	---	---	---	---	---	---	---	---
1'EB'+190	-1'EB'+250	CTH JJ	---	8	---	---	11	11	---	---	---	---	30	---	2	---	1
1'WB'+190	-1'WB'+250	CTH JJ	---	8	---	---	13	11	---	---	---	---	---	---	---	---	1
1'EB'+250	-1'EB'+370	CTH JJ	31	---	---	41	20	---	2	---	---	---	---	75	---	---	---
1'WB'+250	-1'WB'+370	CTH JJ	31	---	15	51	---	---	---	---	---	---	---	---	---	1	---
CTH JJ, WEST OF CTH E			370	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CTH JJ, EAST OF CTH E			340	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		PROJECT TOTALS	867	219	175	323	278	50	58	220	0	30	65	234	4	8	14
		TOTALS	1 227	926	861	446	620	75	100	560	120	145	165	350	11	20	36

PAVEMENT MARKING, EPOXY, 100mm TOTAL = 3 460 m

REMOVING PAVEMENT MARKINGS

LOCATION	TRAFFIC CONTROL STAGE	m	REMARKS
PROJECT I.D. 4984-00-95			
CTH JJ, WEST OF CTH E	1, PHASE 2	180	YELLOW
CTH JJ, EAST OF CTH E	1, PHASE 2	340	YELLOW
CTH E, STA 2'NB'+430 - 2'NB'+460	1, PHASE 2	60	YELLOW
CTH E, STA 2'NB'+905 - 2'NB'+980	1, PHASE 2	75	WHITE
CTH E, STA 2'NB'+905 - 2'NB'+980	1, PHASE 2	150	YELLOW
CTH JJ, WEST OF CTH E	2	190	YELLOW
	TOTAL	995	

STORM SEWER SUMMARY

LOCATION FROM	TO	JOINT** TIES EACH	R.C.P., CLASS III 300mm m	375mm m	450mm m	525mm m	600mm m	CULVERT PIPE CLASS III 450mm m	PVC-SDR 35 300mm m	375mm m	450mm m	INLET ELEVATION	DISCHARGE ELEVATION
PROJECT I.D. 4984-00-97													
CATEGORY 010													
1	1A	---	1.0	---	---	---	---	---	---	---	---	227.880	227.865
2	2A	---	13.0	---	---	---	---	---	---	---	---	227.120	227.055
3	4	---	7.0	---	---	---	---	---	---	---	---	227.247	227.212
4	5	---	5.0	---	---	---	---	---	---	---	---	227.212	227.187
5	6	---	7.5	---	---	---	---	---	---	---	---	227.187	227.152
6	6A	---	---	---	---	---	---	---	3.0	---	---	227.152	227.120
7C	7B	---	---	28.0	---	---	---	---	---	---	---	227.404	227.152
7	7A	---	---	---	---	---	---	---	1.5	---	---	227.487	227.191
9	8	---	10.0	---	---	---	---	---	---	---	---	227.474	227.374
8	8A	---	17.5	---	---	---	---	---	---	---	---	227.374	227.264
10	10A	---	---	31.0	---	---	---	---	---	---	---	227.486	227.269
11	12	---	4.0	---	---	---	---	---	---	---	---	227.402	227.362
12	13	---	7.5	---	---	---	---	---	---	---	---	227.362	227.198
13	13A	---	---	---	---	---	---	---	3.5	---	---	227.198	227.181
18	14	---	2.0	---	---	---	---	---	---	---	---	227.470	227.465
14	15	---	7.5	---	---	---	---	---	---	---	---	227.465	227.446
15	16	---	2.5	---	---	---	---	---	---	---	---	227.446	227.439
16	17	---	10.5	---	---	---	---	---	---	---	---	227.439	227.400
17	17A	---	---	---	---	---	---	---	---	2.0	---	227.400	227.397
19	20	---	---	30.0	---	---	---	---	---	---	---	227.585	227.437
20	20A	---	---	---	---	---	---	---	---	2.0	---	227.437	227.427
21	22	---	---	---	4.0	---	---	---	---	---	---	227.551	227.501
22	23	---	---	---	11.5	---	---	---	---	---	---	227.501	227.386
23	24	---	---	---	5.0	---	---	---	---	---	---	227.386	227.336
24	25	---	---	---	7.0	---	---	---	---	---	---	227.336	227.266
25	25A	---	---	---	---	---	---	---	---	---	6.0	227.266	227.206
26	26A	---	---	---	---	30.0	---	---	---	---	---	227.665	227.494
27	29	---	2.0	---	---	---	---	---	---	---	---	228.015	228.005
29	30	---	7.5	---	---	---	---	---	---	---	---	227.995	227.942
30	31	---	4.5	---	---	---	---	---	---	---	---	227.932	227.900
31	32	---	7.5	---	---	---	---	---	---	---	---	227.890	227.837
28	32	---	2.0	---	---	---	---	---	---	---	---	227.827	227.802
32	32A	---	---	---	---	---	---	---	3.0	---	---	227.802	227.717
33	33A	4	---	---	---	---	30.0	---	---	---	---	227.791	227.626
34	34A	4	---	---	31.0	---	---	---	---	---	---	228.403	228.201
35	36	---	7.5	---	---	---	---	---	---	---	---	228.284	228.209
36	37	---	4.5	---	---	---	---	---	---	---	---	228.209	228.164
37	38	---	7.5	---	---	---	---	---	---	---	---	228.164	228.089
38	38A	---	---	---	---	---	---	---	4.0	---	---	228.089	227.884
39	39A	---	---	---	32.0	---	---	---	---	---	---	228.602	228.410
40	41	---	7.5	---	---	---	---	---	---	---	---	229.081	229.006
40A	40	---	2.0	---	---	---	---	---	---	---	---	229.101	229.081
41	42	---	4.5	---	---	---	---	---	---	---	---	229.006	228.961
42	43	---	7.5	---	---	---	---	---	---	---	---	228.961	228.886
43	43B	---	---	---	---	---	---	---	3.0	---	---	228.886	228.617
43A	43	---	2.0	---	---	---	---	---	---	---	---	228.906	228.886
44	44A	---	5.0	---	---	---	---	---	---	---	---	230.203	228.996
45	45A	---	7.5	---	---	---	---	---	---	---	---	230.086	229.003
48	48A	---	9.0	---	---	---	---	---	---	---	---	230.636	230.291
49	49A	---	10.0	---	---	---	---	---	---	---	---	230.642	230.597
55	54	---	2.0	---	---	---	---	---	---	---	---	230.701	230.681
54	52	---	16.5	---	---	---	---	---	---	---	---	230.681	230.516
52	53	---	2.0	---	---	---	---	---	---	---	---	230.516	230.496
53	53A	---	1.5	---	---	---	---	---	---	---	---	230.496	229.313
57	56	---	2.0	---	---	---	---	---	---	---	---	230.693	230.673
56	56A	---	---	---	---	---	---	---	5.0	---	---	230.673	229.363
55A	55	---	10.0	---	---	---	---	---	5.0	---	---	230.773	230.673
57A	57B	---	---	---	---	5.0	---	---	---	---	---	229.800	229.397
58	60	---	9.5	---	---	---	---	---	---	---	---	230.428	230.380
59	60	---	2.0	---	---	---	---	---	---	---	---	231.121	231.101
60	62A	---	14.0	---	---	---	---	---	---	---	---	230.370	230.230
61	62	---	2.0	---	---	---	---	---	---	---	---	231.121	231.101
62	62A	---	5.0	---	---	---	---	---	---	---	---	231.101	230.230
63	63A	---	23.5	---	---	---	---	---	---	---	---	230.210	229.975
64	65A	---	13.5	---	---	---	---	---	---	---	---	231.559	230.040
65	65A	---	4.5	---	---	---	---	---	---	---	---	231.559	230.040
66	67A	4	6.5	---	---	---	---	---	---	---	---	232.350	231.450
67	67A	4	---	---	6.5	---	---	---	---	---	---	232.426	231.476
68	68A	---	21.0	---	---	---	---	---	---	---	---	231.915	231.775
70	69	---	2.0	---	---	---	---	---	---	---	---	232.198	232.178
69	69A	---	14.0	---	---	---	---	---	---	---	---	232.178	230.333
71	71A	---	5.0	---	---	---	---	---	---	---	---	232.411	230.448
SUBTOTALS		16	349.5	89.0	97.0	35.0	30.0	0.0	23.0	4.0	6.0		

STORM SEWER SUMMARY (continued)

LOCATION FROM	TO	JOINT** TIES EACH	R.C.P., CLASS III 300mm m	375mm m	450mm m	525mm m	600mm m	CULVERT* PIPE CLASS III 450mm m	PVC-SDR 35 300mm m	375mm m	450mm m	INLET ELEVATION	DISCHARGE ELEVATION
CATEGORY 020													
46	47	---	11.0	---	---	---	---	---	---	---	---	230.464	229.842
47	47A	---	---	---	---	---	---	---	1.0	---	---	229.842	229.832
50	50A	---	4.0	---	---	---	---	---	---	---	---	230.133	229.514
51	50A	---	8.5	---	---	---	---	---	---	---	---	230.073	229.514
SUBTOTALS		0	23.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0		
PROJECT TOTALS		16	373.0	89.0	97.0	35.0	30.0	0.0	24.0	4.0	6.0		
PROJECT I.D. 4984-00-95													
72	73	---	2.0	---	---	---	---	---	---	---	---	232.656	232.636
73	74A	---	17.0	---	---	---	---	---	---	---	---	232.636	232.494
75	74	---	2.0	---	---	---	---	---	---	---	---	232.703	232.683
74	74A	---	5.0	---	---	---	---	---	---	---	---	232.683	232.615
76	77	---	---	---	10.0	---	---	---	---	---	---	232.913	232.813
77	78	---	---	---	8.0	---	---	---	---	---	---	232.813	232.738
77A	77	---	2.0	---	---	---	---	---	---	---	---	232.836	232.816
78	79	---	---	---	2.0	---	---	---	---	---	---	232.738	232.718
79	80B	---	---	---	5.0	---	---	---	---	---	---	232.718	232.668
80	80B	---	6.0	---	---	---	---	---	---	---	---	233.119	233.062
80A	80	---	2.0	---	---	---	---	---	---	---	---	233.139	233.119
81	81A	---	15.0	---	---	---	---	---	---	---	---	232.634	232.559
82	83	---	13.5	---	---	---	---	---	---	---	---	233.973	233.838
83	84	---	2.0	---	---	---	---	---	---	---	---	233.838	233.818
84	84A	---	1.5	---	---	---	---	---	---	---	---	233.818	233.090
120	85	---	---	---	---	---	---	---	14.0	---	---	233.193	233.123
85	84A	---	4.5	---	---	---	---	---	---	---	---	233.902	233.090
87	86	---	2.0	---	---	---	---	---	---	---	---	234.149	234.129
86	88A	---	---	---	17.0	---	---	---	---	---	---	233.236	233.151
89	88	---	2.0	---	---	---	---	---	---	---	---	234.000	233.990
88	88A	---	---	---	5.0	---	---	---	---	---	---	233.990	233.965
88B	88	---	---	---	---	---	---	---	7.0	---	---	234.032	233.990
90	90A	4	---	---	---	---	26.0	---	---	---	---	234.729	234.183
91	90A	---	---	---	---	---	---	95.0	---	---	---	235.492	233.944
110	110A	---	---	---	17.0	---	---	---	---	---	---	234.385	234.300
111	110A	---	6.0	---	---	---	---	---	---	---	---	234.827	234.797
112	113	---	15.0	---	---	---	---	---	---	---	---	233.873	233.798
113	114	---	2.5	---	---	---	---	---	---	---	---	233.788	233.776
114	115A	---	7.0	---	---	---	---	---	---	---	---	233.766	233.731
115	115A	---	5.0	---	---	---	---	---	---	---	---	233.700	233.675
116	117	---	10.5	---	---	---	---	---	---	---	---	233.625	233.520
117	118	---	2.5	---	---	---	---	---	---	---	---	233.520	233.495
118	118A	---	3.0	---	---	---	---	---	---	---	---	233.495	233.465
119	118A	---	5.0	---	---	---	---	---	---	---	---	233.469	233.419
PROJECT TOTALS		4	133.0	0.0	64.0	0.0	26.0	95.0	21.0	0.0	0.0		
TOTALS		20	506.0	89.0	161.0	35.0	56.0	95.0	45.0	4.0	6.0		

* SEE CULVERT PIPE, CLASS III TABLE FOR TOTAL
** NON-BID ITEM

FILE NAME: E1339A98/SHEETS /PLAN /M010 .20G
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
TECH/ENGR: KRE/SDC PLOT DATE: 10/14/99 REV. DATE: / /
PLOT NAME: SEE FILE NAME 50,51, 56,57, 59, PLOT SCALE: 1:1
LEVELS ON -

MISCELLANEOUS QUANTITIES		HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

MANHOLES, INLETS, AND COVERS (SHEET 1 OF 3)

PROJECT I.D. 4984-00-97
CATEGORY 010

STRUCTURE NO.	STATION	LOCATION	STRUCTURE	MANHOLE TYPE 1 EACH	INLET TYPE 3 EACH	INLET TYPE 8 EACH	INLET COVER TYPE H EACH	INLET COVER TYPE H-S EACH	INLET COVER TYPE MS-A EACH	TOP OF COVER ELEVATION	TOP OF STRUCTURE ELEVATION	INVERT ELEVATION	DEPTH m	REINFORCED CONCRETE APRON ENDWALLS 300mm EACH	REINFORCED CONCRETE APRON ENDWALLS 450mm EACH	REINFORCED CONCRETE APRON ENDWALLS 600mm EACH	APRON* ENDWALLS FOR CULVERT PIPE 450mm EACH	CONCRETE COLLAR EACH	PIPE GRATE 600mm EACH	REMARKS
1	1'NB'+072, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	229.396	229.021	227.880	1.141	---	---	---	---	---	---	NOTE B
1A	1'NB'+071, 7.05m RT	CTH E	EXIST BOX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	1'SB'+119, 1.44m RT	CTH E	INLET	---	1	---	1	---	---	229.144	228.769	227.120	1.649	---	---	---	---	---	---	NOTE B
2A	1'NB'+119, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
3	1'SB'+170, 7.05m LT	CTH E	INLET	---	1	---	---	1	---	228.708	228.333	227.247	1.086	---	---	---	---	---	---	NOTE B
4	1'SB'+170, 0.15m RT	CTH E	INLET	---	1	---	---	1	---	228.840	228.465	227.212	1.253	---	---	---	---	---	---	NOTE B
5	1'NB'+170, 0.15m LT	CTH E	INLET	---	1	---	---	1	---	228.688	228.313	227.187	1.126	---	---	---	---	---	---	NOTE B
6	1'NB'+170, 7.05m RT	CTH E	INLET	---	1	---	---	1	---	228.556	228.181	227.152	1.029	---	---	---	---	---	---	NOTE B
6A	1'NB'+170, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
7	1'NB'+225, 7.58m RT	CTH E	INLET	---	1	---	1	---	---	228.807	228.432	227.487	0.945	---	---	---	---	---	---	NOTE B
7A	1'NB'+225, 10.3m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7B	1'NB'+219, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
7C	1'SB'+219, 16.89m LT	CTH E	CAPPED PIPE	---	---	---	---	---	---	---	---	227.404	---	---	---	---	---	---	---	---
8	4+028, 4.88m RT	SILVER LEAF CT	INLET	---	1	---	---	1	---	228.764	228.389	227.374	1.015	---	---	---	---	---	---	NOTE B
8A	1'NB'+281, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
9	4+028, 4.88m LT	SILVER LEAF CT	INLET	---	1	---	---	1	---	228.764	228.389	227.474	0.915	---	---	---	---	---	---	NOTE B
10	1'SB'+310, 14.0m LT	CTH E	INLET	---	---	1	---	---	1	228.569	228.569	227.486	1.083	---	---	---	---	---	---	---
10A	1'NB'+310, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
11	1'SB'+350, 1.62m RT	CTH E	INLET	---	1	---	1	---	---	228.817	228.442	227.402	1.040	---	---	---	---	---	---	NOTE B
12	1'NB'+350, 0.15m LT	CTH E	INLET	---	1	---	---	1	---	228.811	228.436	227.362	1.074	---	---	---	---	---	---	NOTE B
13	1'NB'+350, 7.05m RT	CTH E	INLET	---	1	---	---	1	---	228.613	228.238	227.198	1.040	---	---	---	---	---	---	NOTE B
13A	1'NB'+348.5, 10.3m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	1'SB'+380, 7.05m LT	CTH E	INLET	---	1	---	---	1	---	228.578	228.203	227.465	0.738	---	---	---	---	---	---	NOTE B
15	1'SB'+380, 0.15m RT	CTH E	INLET	---	1	---	---	1	---	228.710	228.335	227.446	0.889	---	---	---	---	---	---	NOTE B
16	1'NB'+380, 3.02m LT	CTH E	INLET	---	1	---	1	---	---	228.917	228.542	227.439	1.103	---	---	---	---	---	---	NOTE B
17	1'NB'+380, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	228.749	228.374	227.400	0.974	---	---	---	---	---	---	NOTE B
17A	1'NB'+380, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
18	1'SB'+382, 7.05m LT	CTH E	INLET	---	1	---	---	1	---	228.596	228.221	227.470	0.751	---	---	---	---	---	---	NOTE B
19	1'SB'+440, 13.3m LT	CTH E	INLET	---	---	1	---	---	1	228.800	228.800	227.585	1.215	---	---	---	---	---	---	---
20	1'NB'+440, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	229.053	228.678	227.437	1.241	---	---	---	---	---	---	NOTE B
20A	1'NB'+440, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
22	1'SB'+490.9,10.05m LT	CTH E	INLET	---	1	---	1	---	---	229.174	228.799	227.501	1.298	---	---	---	---	---	---	NOTE B
23	1'SB'+496, 0.15m RT	CTH E	INLET	---	1	---	1	---	---	229.400	229.025	227.386	1.639	---	---	---	---	---	---	NOTE B
24	1'NB'+496, 0.15m LT	CTH E	INLET	---	1	---	1	---	---	229.470	229.095	227.336	1.759	---	---	---	---	---	---	NOTE B
25	1'NB'+496, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	229.338	228.963	227.266	1.697	---	---	---	---	---	---	NOTE B
25A	1'NB'+495, 10.3m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	1'SB'+540, 15.7m LT	CTH E	INLET	---	---	1	---	---	1	229.116	229.116	227.665	1.451	---	---	---	---	---	---	---
26A	1'NB'+540, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
27	1'SB'+648, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	229.281	228.906	228.015	0.891	---	---	---	---	---	---	NOTE B
28	1'NB'+648, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	229.281	228.906	227.827	1.079	---	---	---	---	---	---	---
29	1'SB'+650, 7.05m LT	CTH E	INLET	---	1	---	---	1	---	229.268	228.896	227.995	0.898	---	---	---	---	---	---	NOTE B
30	1'SB'+650, 0.15m RT	CTH E	INLET	---	1	---	---	1	---	229.400	229.025	227.932	1.093	---	---	---	---	---	---	NOTE B
31	1'NB'+650, 0.15m LT	CTH E	INLET	---	1	---	---	1	---	229.400	229.025	227.890	1.135	---	---	---	---	---	---	NOTE B
32	1'NB'+650, 7.05m RT	CTH E	INLET	---	1	---	---	1	---	229.268	228.893	227.802	1.091	---	---	---	---	---	---	NOTE B
32A	1'NB'+650, 10.3m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
33	1'SB'+746.5, 15.2m LT	CTH E	ENDWALL	---	---	---	---	---	---	---	---	227.791	---	---	---	1	---	---	1	NOTE B
33A	1'NB'+746.5, 10.3m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
34	1'SB'+840, 16.2m LT	CTH E	ENDWALL	---	---	---	---	---	---	---	---	228.650	---	---	1	---	---	---	1	NOTE B
34A	1'NB'+840, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
35	1'SB'+880, 7.05m LT	CTH E	INLET	---	1	---	---	1	---	229.699	229.324	228.284	1.040	---	---	---	---	---	---	NOTE B
36	1'SB'+880, 0.15m RT	CTH E	INLET	---	1	---	---	1	---	229.831	229.456	228.209	1.247	---	---	---	---	---	---	NOTE B
37	1'NB'+880, 0.15m LT	CTH E	INLET	---	1	---	---	1	---	229.791	229.416	228.164	1.252	---	---	---	---	---	---	NOTE B
38	1'NB'+880, 7.05m RT	CTH E	INLET	---	1	---	---	1	---	229.659	229.284	228.089	1.195	---	---	---	---	---	---	NOTE B
38A	1'NB'+880, 10.3m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
39	1'SB'+920, 17.6m LT	CTH E	INLET	---	---	1	---	---	1	229.100	229.100	228.602	0.498	---	---	---	---	---	---	---
39A	1'NB'+920, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
40	1'SB'+980, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	230.496	230.121	229.081	1.040	---	---	---	---	---	---	NOTE B
40A	1'SB'+982, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	230.513	230.138	229.101	1.037	---	---	---	---	---	---	NOTE B
41	1'SB'+980, 0.15m RT	CTH E	INLET	---	1	---	1	---	---	230.628	230.253	229.006	1.247	---	---	---	---	---	---	NOTE B
42	1'NB'+980, 0.15m LT	CTH E	INLET	---	1	---	1	---	---	230.604	230.229	228.961	1.268	---	---	---	---	---	---	NOTE B

NOTE: A) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS OGBC #2 MINUS CABC = 0.465m
B) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS OGBC #2 MINUS 60mm = 0.375m
C) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS 75mm = 0.250m
D) CONCRETE FLAT TOP SLAB WITH INLET SIZE OPENING REQUIRED.
E) TOP OF COVER ELEVATION IS FLANGE ELEVATION.
F) PLUGGING OR CAPPING END OF PIPE CONSIDERED INCIDENTAL TO COST OF REINFORCED CONCRETE PIPE.

* SEE CULVERT PIPE, CLASS III TABLE FOR TOTAL

(continued on next page)

MANHOLES, INLETS, AND COVERS (SHEET 2 OF 3)

STRUCTURE NO.	STATION	LOCATION	STRUCTURE	MANHOLE TYPE 1 EACH	INLET TYPE 3 EACH	INLET TYPE 8 EACH	INLET COVER TYPE H EACH	INLET COVER TYPE H-S EACH	INLET COVER TYPE MS-A EACH	TOP OF COVER ELEVATION	TOP OF STRUCTURE ELEVATION	INVERT ELEVATION	DEPTH m	REINFORCED CONCRETE APRON ENDWALLS 300mm EACH	REINFORCED CONCRETE APRON ENDWALLS 450mm EACH	REINFORCED CONCRETE APRON ENDWALLS 600mm EACH	APRON* ENDWALLS FOR CULVERT PIPE 450mm EACH	CONCRETE COLLAR EACH	PIPE GRATE 600mm EACH	REMARKS
PROJECT I.D. 4984-00-97																				
CATEGORY 010																				
43	1'NB'+980, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	230.472	230.097	228.886	1.211	---	---	---	---	---	---	NOTE B
43A	1'NB'+982, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	230.489	230.114	228.906	1.208	---	---	---	---	---	---	NOTE B
43B	1'NB'+980, 10.3m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
44	2'NB'+105.7, 3.05m LT	CTH E	MANHOLE	1	---	---	1	---	---	231.618	231.158	230.203	0.955	---	---	---	---	---	---	NOTE A, D
44A	2'NB'+105.7, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
45	2'NB'+107.6, 9.96m RT	CTH E	MANHOLE	1	---	---	1	---	---	231.501	231.036	230.086	0.950	---	---	---	---	---	---	NOTE A, D
45A	2'NB'+107.6, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
48	2+165.2, 9.75m LT	ASHBURY DRIVE	INLET	---	1	---	1	---	---	231.911	231.536	230.636	0.900	---	---	---	---	---	---	NOTE B
48A	2+170, 2.0m LT	ASHBURY DRIVE	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
49	2+193.6, 8.60m LT	ASHBURY DRIVE	INLET	---	1	---	1	---	---	231.917	231.542	230.642	0.900	---	---	---	---	---	---	NOTE B
49A	2+185, 1.5m LT	ASHBURY DRIVE	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
52	2'SB'+180, 3.15m RT	CTH E	INLET	---	1	---	1	---	---	232.188	231.813	230.516	1.297	---	---	---	---	---	---	NOTE B
53	2'NB'+180, 0.15m LT	CTH E	INLET	---	1	---	1	---	---	232.174	231.799	230.496	1.303	---	---	---	---	---	---	NOTE B
53A	2'NB'+180, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
54	2'SB'+190, 10.05m LT	CTH E	INLET	---	1	---	1	---	---	232.107	231.732	230.681	1.051	---	---	---	---	---	---	NOTE B
55	2'SB'+192, 10.05m LT	CTH E	INLET	---	1	---	1	---	---	232.116	231.741	230.701	1.040	---	---	---	---	---	---	NOTE B
55A	2'SB'+200, 20.6m LT	CTH E	INLET	---	---	1	---	---	1	231.729	231.729	230.773	0.956	---	---	---	---	---	---	---
56	2'NB'+190, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	232.097	231.722	230.673	1.049	---	---	---	---	---	---	NOTE B
56A	2'NB'+190, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
57	2'NB'+192, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	232.108	231.733	230.693	1.040	---	---	---	---	---	---	NOTE B
57A	2'NB'+215, 18.2m RT	CTH E	INLET	---	---	1	---	---	1	231.087	231.087	229.800	1.287	---	---	---	---	---	---	---
57B	2'NB'+215, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
58	2'SB'+262, 15.2m LT	CTH E	INLET	---	---	1	---	---	1	231.350	231.350	230.428	0.922	---	---	---	---	---	---	---
59	2'SB'+265, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	232.548	232.173	231.121	1.052	---	---	---	---	---	---	NOTE B
60	2'SB'+263, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	232.536	232.161	230.370	1.791	---	---	---	---	---	---	NOTE B
61	2'NB'+265, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	232.548	232.173	231.121	1.052	---	---	---	---	---	---	NOTE B
62	2'NB'+263, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	232.536	232.161	231.101	1.060	---	---	---	---	---	---	NOTE B
62A	2'NB'+263, 1.5m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
63	2'SB'+320, 16.2m LT	CTH E	INLET	---	---	1	---	---	1	231.500	231.500	230.210	1.290	---	---	---	---	---	---	---
63A	2'NB'+320, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
64	2'SB'+335, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	232.974	232.599	231.559	1.040	---	---	---	---	---	---	NOTE B
65	2'NB'+335, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	232.974	232.599	231.559	1.040	---	---	---	---	---	---	NOTE B
65A	2'NB'+335, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
66	4+077.6, 8.16m RT	MEMORY LANE	ENDWALL	---	---	---	---	---	---	---	---	232.350	---	1	---	---	---	---	---	---
67	4+070.8, 9.49m LT	MEMORY LANE	ENDWALL	---	---	---	---	---	---	---	---	232.420	---	---	1	---	---	---	---	---
67A	4+077.6, 2.5m LT	MEMORY LANE	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
68	2'SB'+404.2, 10.01m LT	CTH E	INLET	---	1	---	1	---	---	233.330	232.955	231.915	1.040	---	---	---	---	---	---	NOTE B
68A	2'NB'+390, 1.5m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
69	2'SB'+438, 7.23m LT	CTH E	INLET	---	1	---	1	---	---	233.601	233.226	232.178	1.048	---	---	---	---	---	---	NOTE B
69A	2'NB'+438, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
70	2'SB'+440, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	233.613	233.238	232.198	1.040	---	---	---	---	---	---	NOTE B
71	2'NB'+475, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	233.826	233.451	232.411	1.040	---	---	---	---	---	---	NOTE B
71A	2'NB'+475, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
			SUBTOTALS	2	56	8	39	19	8					1	2	1	0	20	2	
CATEGORY 020																				
46	2+140, 6.09m RT	ASHBURY DRIVE	INLET	---	1	---	---	1	---	231.629	231.379	230.464	0.915	---	---	---	---	---	---	NOTE C
47	2+140, 4.57m LT	ASHBURY DRIVE	INLET	---	1	---	---	1	---	231.660	231.410	229.842	1.568	---	---	---	---	---	---	NOTE C
47A	2+140, 5.5m LT	ASHBURY DRIVE	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
50	2+259.1, 3.88m LT	ASHBURY DRIVE	INLET	---	1	---	---	1	---	231.298	231.048	230.133	0.915	---	---	---	---	---	---	NOTE C
50A	2+257, 1.5m LT	ASHBURY DRIVE	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
51	2+259.1, 6.79m RT	ASHBURY DRIVE	INLET	---	1	---	---	1	---	231.238	230.988	230.073	0.915	---	---	---	---	---	---	NOTE C
			SUBTOTALS	0	4	0	0	4	0					0	0	0	0	1	0	
			PROJECT TOTALS	2	60	8	39	23	8					1	2	1	0	21	2	

NOTE: A) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS OGBC #2 MINUS CABC = 0.465m
B) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS OGBC #2 MINUS 60mm = 0.375m
C) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS 75mm = 0.250m
D) CONCRETE FLAT TOP SLAB WITH INLET SIZE OPENING REQUIRED.
E) TOP OF COVER ELEVATION IS FLANGE ELEVATION.
F) PLUGGING OR CAPPING END OF PIPE CONSIDERED INCIDENTAL TO COST OF REINFORCED CONCRETE PIPE.

* SEE CULVERT PIPE, CLASS III TABLE FOR TOTAL

(continued on next page)

MANHOLES, INLETS, AND COVERS (SHEET 3 OF 3)

STRUCTURE NO.	STATION	LOCATION	STRUCTURE	MANHOLE TYPE 1 EACH	INLET TYPE 3 EACH	INLET TYPE 8 EACH	INLET COVER TYPE H EACH	INLET COVER TYPE H-S EACH	INLET COVER TYPE MS-A EACH	TOP OF COVER ELEVATION	TOP OF STRUCTURE ELEVATION	INVERT ELEVATION	DEPTH m	REINFORCED CONCRETE APRON ENDWALLS 300mm EACH	REINFORCED CONCRETE APRON ENDWALLS 450mm EACH	REINFORCED CONCRETE APRON ENDWALLS 600mm EACH	APRON* ENDWALLS FOR CULVERT PIPE 450mm EACH	CONCRETE COLLAR EACH	PIPE GRATE 600mm EACH	REMARKS
PROJECT I.D. 4984-00-95																				
72	2'SB'+510, 7.05m LT	CTH E	INLET		1	---	1	---	---	234.039	233.664	232.656	1.008	---	---	---		---	---	NOTE B
73	2'SB'+512, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	234.051	233.676	232.636	1.040	---	---	---	---	---	---	NOTE B
74	2'NB'+523, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	234.100	233.725	232.683	1.042	---	---	---	---	---	---	NOTE B
74A	2'NB'+523, 1.5m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
75	2'NB'+525, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	234.118	233.743	232.703	1.040	---	---	---	---	---	---	NOTE B
76	2'SB'+580, 15.2m LT	CTH E	INLET	---	---	1	---	---	1	234.119	234.119	232.913	1.206	---	---	---	---	---	---	---
77	2'SB'+585, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	234.496	234.191	232.816	1.375	---	---	---	---	---	---	NOTE B
77A	2'SB'+587, 7.05m LT	CTH E	INLET	---	1	---	1	---	---	234.508	234.133	232.836	1.297	---	---	---	---	---	---	NOTE B
78	2'SB'+585, 0.15m RT	CTH E	INLET	---	1	---	1	---	---	234.628	234.253	232.738	1.515	---	---	---	---	---	---	NOTE B
79	2'NB'+585, 3.15m LT	CTH E	INLET	---	1	---	1	---	---	234.568	234.193	232.718	1.475	---	---	---	---	---	---	NOTE B
80	2'NB'+585, 8.35m RT	CTH E	INLET	---	1	---	1	---	---	234.542	234.167	233.119	1.048	---	---	---	---	---	---	NOTE B
80A	2'NB'+587, 8.55m RT	CTH E	INLET	---	1	---	1	---	---	234.554	234.179	233.139	1.040	---	---	---	---	---	---	NOTE B
80B	2'NB'+585, 1.5m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
81	2'NB'+640, 17.2m RT	CTH E	INLET	---	---	1	---	---	1	234.650	234.650	232.634	2.016	---	---	---	---	---	---	---
81A	2'NB'+640, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
82	2'SB'+688.5, 13.05m LT	CTH E	INLET	---	1	---	1	---	---	235.388	235.013	233.973	1.040	---	---	---	---	---	---	NOTE B
83	2'SB'+688.9, 3.15m RT	CTH E	INLET	---	1	---	1	---	---	235.451	235.076	233.838	1.238	---	---	---	---	---	---	NOTE B
84	2'NB'+688.9, 3.15m LT	CTH E	INLET	---	1	---	1	---	---	235.409	235.034	233.818	1.216	---	---	---	---	---	---	NOTE B
84A	2'NB'+688.9, 1.5m RT	CTH E	EXIST PIPE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
85	2'NB'+688.9, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	235.317	234.942	233.902	1.040	---	---	---	---	---	---	NOTE B
86	2'SB'+723.2, 13.05m LT	CTH E	MANHOLE	1	---	---	1	---	---	235.556	235.091	233.236	1.855	---	---	---	---	---	---	NOTE A
87	2'SB'+725.2, 13.05m LT	CTH E	INLET	---	1	---	1	---	---	235.564	235.189	234.149	1.040	---	---	---	---	---	---	NOTE B
88	2'NB'+723.2, 7.05m RT	CTH E	MANHOLE	1	---	---	1	---	---	235.497	235.032	233.990	1.042	---	---	---	---	---	---	NOTE A
88A	2'NB'+721, 1.5m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
88B	2'NB'+723, 13.3m RT	CTH E	CAPPED PIPE	---	---	---	---	---	---	---	---	233.990	---	---	---	---	---	---	---	---
89	2'NB'+725.2, 7.05m RT	CTH E	INLET	---	1	---	1	---	---	235.507	235.132	234.000	1.132	---	---	---	---	---	---	NOTE B
90	2'SB'+779.8, 12.7m LT	CTH E	ENDWALL	---	---	---	---	---	---	---	---	234.729	---	---	---	1	---	---	1	---
90A	2'NB'+785, 1.5m RT	CTH E	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
91	2'NB'+880, 13.4m RT	CTH E	ENDWALL	---	---	---	---	---	---	---	---	235.492	---	---	---	---	1	---	1	---
110	1'WB'+143, 7.05m LT	CTH JJ	MANHOLE	1	---	---	1	---	---	236.198	235.733	234.385	1.348	---	---	---	---	---	---	NOTE A
110A	1'EB'+141, 3.0m RT	CTH JJ	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
111	1'EB'+143, 7.05m RT	CTH JJ	INLET	---	1	---	1	---	---	236.198	235.823	234.827	0.996	---	---	---	---	---	---	NOTE B
112	1'WB'+202.3, 11.05m LT	CTH JJ	INLET	---	1	---	---	1	---	235.248	234.873	233.873	1.000	---	---	---	---	---	---	NOTE B
113	1'WB'+193.5, 0.15m RT	CTH JJ	INLET	---	1	---	1	---	---	235.377	235.002	233.788	1.214	---	---	---	---	---	---	NOTE B
114	1'EB'+193.5, 3.45m LT	CTH JJ	INLET	---	1	---	1	---	---	235.272	234.897	233.766	1.131	---	---	---	---	---	---	NOTE B
115	1'EB'+193.5, 7.05m RT	CTH JJ	INLET	---	1	---	1	---	---	235.152	234.777	233.700	1.077	---	---	---	---	---	---	NOTE B
115A	1'WB'+195, 3.0m RT	CTH JJ	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
116	1'WB'+260, 7.05m LT	CTH JJ	INLET	---	1	---	---	1	---	234.914	234.539	233.539	1.000	---	---	---	---	---	---	NOTE B
117	1'WB'+260, 3.45m RT	CTH JJ	INLET	---	1	---	---	1	---	124.914	234.539	233.497	1.042	---	---	---	---	---	---	NOTE B
118	1'EB'+260, 0.15m LT	CTH JJ	INLET	---	1	---	---	1	---	234.976	234.601	233.495	1.106	---	---	---	---	---	---	NOTE B
118A	1'EB'+258, 3.0m RT	CTH JJ	EXIST MANHOLE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
119	1'EB'+260, 7.05m RT	CTH JJ	INLET		1	---	---	1	---	234.844	234.469	233.469	1.000	---	---	---	---	---	---	NOTE B
120	1'WB'+240, 14.0m LT	CTH JJ	INLET		---	1	---	---	1	234.800	234.800	233.193	1.607	---	---	---	---	---	---	NOTE B
			PROJECT TOTALS	3	25	3	23	5	3					0	0	1	1	2	2	
			TOTALS	5	85	11	62	28	11					1	2	2	1	23	4	

NOTE: A) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS OGBC #2 MINUS CABC = 0.465m
B) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS OGBC #2 MINUS 60mm = 0.375m
C) TOP OF STRUCTURE ELEVATION IS TOP OF COVER MINUS CONCRETE PAVEMENT MINUS 75mm = 0.250m
D) CONCRETE FLAT TOP SLAB WITH INLET SIZE OPENING REQUIRED.
E) TOP OF COVER ELEVATION IS FLANGE ELEVATION.
F) PLUGGING OR CAPPING END OF PIPE CONSIDERED INCIDENTAL TO COST OF REINFORCED CONCRETE PIPE.

* SEE CULVERT PIPE, CLASS III TABLE FOR TOTAL

MISCELLANEOUS QUANTITIES	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339498/SHEETS /PLAN /MO13 .20G
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
LEVELS ON:
TECH/ENGR: KRE/SDC PLOT DATE: 10/14/99 REV. DATE: / /
PLOT NAME: SEE FILE NAME 56,57, 59. 50,51.
PLOT SCALE: 1:

CONVENTIONAL SIGNS

STATE LINE	SECTION CORNER	FOUNDATION OR RUIN	EXISTING R/W LINE
COUNTY LINE	NOTATION FOR COMBUSTIBLE FLUIDS	BUILDING	PROPERTY LINE
TOWNSHIP AND RANGE LINES	BRIDGE	CEMETERY	CORPORATE LIMITS
SECTION LINE		R/W MONUMENT	LOT, TIE AND OTHER MINOR LINES
QUARTER LINE		NON-MONUMENTED R/W POINT	SLOPE INTERCEPTS
SIXTEENTH LINE		IRON PIN	UNDERGROUND FACILITY (GAS, TELEPHONE, ELECTRIC, ETC.)
NEW REFERENCE LINE		VALVE	FENCE
NEW R/W LINE			TEMPORARY INTEREST
			PERMANENT LIMITED EASEMENT
			BEAM GUARD
			TRANSMISSION STRUCTURE AND LINE
			PEDESTAL
			RESTRICTED DEVELOPMENT EASEMENT

STREAM OR RIVER	WINDMILL
LAKE	SILO, MANHOLE, VENT, SEPTIC VENT, WELL, ETC.
CULVERT (BOX, PIPE OR CATTLE PASS)	GAS PUMPS
RAIL LINE	BUSHES
SIGN	TREES (DECIDUOUS) (CONIFEROUS)
	WOODS
	ENCROACHING SIGN

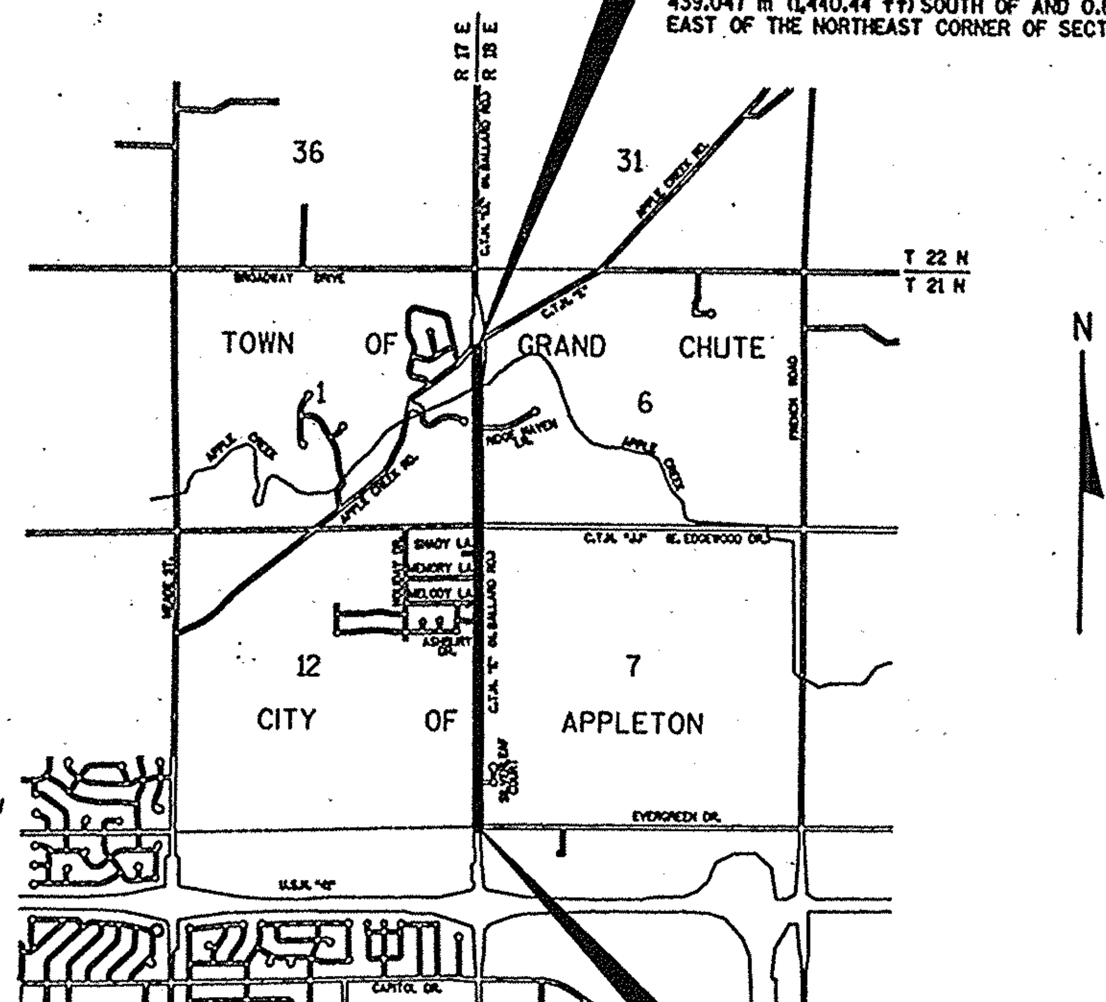
	COMPENSABLE	NON-COMPENSABLE
POWER POLE		
TELEPHONE POLE		

NO ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
NO ACCESS (BY PREVIOUS PROJECT)

ABBREVIATIONS

AC	ACRES	R	RADIUS
AP	ACCESS POINT	R.	RANGE
Δ	CENTRAL ANGLE	R/L	REFERENCE LINE
COR	CORNER	R/W	RIGHT OF WAY
CTH	COUNTY TRUNK HIGHWAY	S	SOUTH
D	DEGREE OF CURVE	SEC.	SECTION
E	EAST	SL	SECTION LINE
FND	FOUND	sf	SQUARE FEET
L	LENGTH OF CURVE	STA.	STATION
LC	LONG CHORD	STH	STATE TRUNK HIGHWAY
LCB	LONG CHORD BEARING	T	TANGENT LENGTH OF CURVE
MI	MILE	T.I.	TEMPORARY INTEREST
N	NORTH	USH	UNITED STATES HIGHWAY
O.L.	OUTLOT	W	WEST
PC	POINT OF CURVATURE		
PI	POINT OF INTERSECTION		
P.L.	PROPERTY LINE		
P.L.E.	PERMANENT LIMITED EASEMENT		
PT	POINT OF TANGENCY		
		ha	HECTARE
		m	METER
		km	KILOMETER
		sm	SQUARE METER

END RELOCATION ORDER
STA 3+600
439.047 m (1,440.44 ft) SOUTH OF AND 0.884 m (2.90 ft) EAST OF THE NORTHEAST CORNER OF SECTION 1, T21N, R17E



BEGIN RELOCATION ORDER
STA 1+049.997
THE SOUTHEAST CORNER OF SECTION 12, T21N, R17E

NOTES

DIMENSIONING FOR THE NEW R/W IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

GOVERNMENTAL LAND LINE AND REFERENCE LINE ARE COINCIDENTAL.

DISTANCES FROM REFERENCE LINE ARE ← meters (feet) →

ALL COORDINATES ON THIS PLAT ARE METRIC GROUND.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE AS SPECIFIED ON EACH PLAT DETAIL SHEET.

RIGHT-OF-WAY PLAT BEARINGS ARE ORIENTED TO THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 12, T21N, R17E, WITH THE BEARING RECORDED AS N00°03'00"W. THE DIFFERENCE BETWEEN PLAT BEARINGS REPRESENTS PLANE ANGLES IN DEGREES, MINUTES, AND SECONDS.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER "SURVEYS OF PUBLIC RECORDS".

ACCEPTED FOR OUTAGAMIE COUNTY
11-17-98 Date — Signature

ACCEPTED FOR CITY OF APPLETON
11-19-98 Date — Signature

PLAT PREPARED BY:
OMNI ASSOCIATES
APPLETON, WISCONSIN

Rev. Jan. 13, 2000
Rev. Oct. 15, 1999
May 17, 1999
Date Nov. 11-24-98 — Signature

REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD RD.)	FEDERAL PROJECT NO: 4984-00-96	
4-23-99 N.C. 10-15-99 11-01-99 N.C. 01-12-00	11-24-98 GRID FACTOR	0 1000 2000	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.1 M

PLOT SCALE:
PLOT NAME:
REV. DATE:
FILE NAME: 4984040L.DGN
LEVELS ON • 1 3,4

PLOT DATE: 11/01/99
TECH/ENGR: CRK/PTR
E1339A98/SHEETS /PLAT /49840402.DGN
LEVELS ON • 1.2. 5.

REV. DATE: 11/01/99

56. 59.

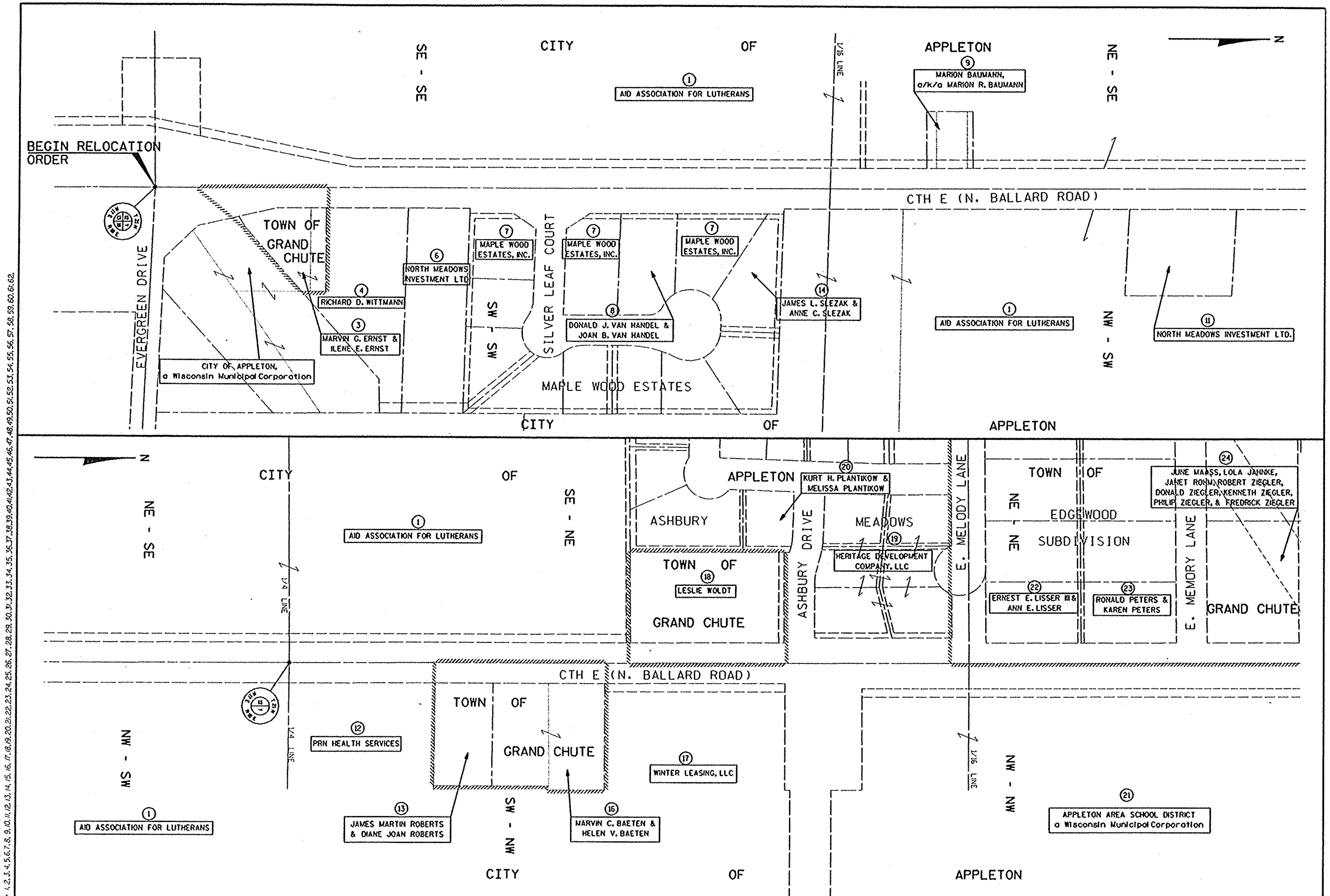
SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	TOTAL AREA	R/W AREA REQUIRED EXISTING	R/W AREA REQUIRED NEW	R/W AREA REQUIRED TOTAL	TOTAL AREA REMAINING	TI AREA	PLE AREA	RDE AREA	REMARKS
1	4.5 - 4.10	AID ASSOCIATION FOR LUTHERANS	FEE, TI & PLE	131.260 ha (324.35 Ac)	1.512 ha (3.74 Ac)	0.380 ha (0.94 Ac)	1.892 ha (4.68 Ac)	129.368 ha (319.67 Ac)	0.985 ha (2.44 Ac)	0.032 ha (0.08 Ac)	---	CITY OF APPLETON
2												
3	4.5	MARVIN G. ERNST & ILENE E. ERNST	FEE & TI	0.186 ha (0.46 Ac)	---	0.011 ha (0.03 Ac)	0.011 ha (0.03 Ac)	0.175 ha (0.43 Ac)	0.023 ha (0.06 Ac)	---	---	TOWN OF GRAND CHUTE
4	4.5 - 4.6	RICHARD D. WITTMANN	FEE & TI	0.461 ha (1.14 Ac)	0.059 ha (0.15 Ac)	0.015 ha (0.04 Ac)	0.074 ha (0.19 Ac)	0.387 ha (0.95 Ac)	0.022 ha (0.05 Ac)	---	---	CITY OF APPLETON
5												
6	4.6	NORTH MEADOWS INVESTMENT, LTD.	FEE & TI	0.452 ha (1.11 Ac)	0.045 ha (0.11 Ac)	0.011 ha (0.03 Ac)	0.056 ha (0.14 Ac)	0.396 ha (0.97 Ac)	0.017 ha (0.04 Ac)	---	---	CITY OF APPLETON
7	4.6 - 4.7	MAPLE WOOD ESTATES, INC.	FEE & TI	5.178 sm (55.736 sf)	---	17 sm (181 sf)	17 sm (181 sf)	5.178 sm (55.736 sf)	206 sm (2.217 sf)	---	---	CITY OF APPLETON
8	4.6 - 4.7	DONALD J. VAN HANDEL & JOAN B. VAN HANDEL	TI	0.194 ha (0.48 Ac)	---	---	---	0.194 ha (0.48 Ac)	0.005 ha (0.01 Ac)	---	---	CITY OF APPLETON
9	4.7 - 4.8	MARION BAUMANN, A/K/A MARION R. BAUMANN	FEE & TI	0.093 ha (0.23 Ac)	0.033 ha (0.08 Ac)	0.009 ha (0.02 Ac)	0.042 ha (0.10 Ac)	0.051 ha (0.13 Ac)	0.025 ha (0.06 Ac)	---	---	CITY OF APPLETON
10												
11	4.8	NORTH MEADOWS INVESTMENT, LTD.	FEE & TI	0.405 ha (1.00 Ac)	0.077 ha (0.19 Ac)	0.019 ha (0.05 Ac)	0.096 ha (0.24 Ac)	0.309 ha (0.76 Ac)	0.077 ha (0.19 Ac)	---	---	CITY OF APPLETON
12	4.9 - 4.10	PRN HEALTH SERVICES	FEE & TI	6.293 ha (15.55 Ac)	0.106 ha (0.26 Ac)	0.026 ha (0.07 Ac)	0.132 ha (0.33 Ac)	6.161 ha (15.22 Ac)	0.056 ha (0.14 Ac)	---	---	CITY OF APPLETON
13	4.10	JAMES MARTIN ROBERTS AND DIANE JOAN ROBERTS	FEE & TI	0.255 ha (0.63 Ac)	0.042 ha (0.10 Ac)	0.011 ha (0.03 Ac)	0.053 ha (0.13 Ac)	0.202 ha (0.50 Ac)	0.042 ha (0.10 Ac)	---	---	TOWN OF GRAND CHUTE
14	4.7	JAMES L. SLEZAK AND ANNE C. SLEZAK	TI	1.985 sm (21.366 sf)	---	---	---	1.985 sm (21.366 sf)	15 sm (161 sf)	---	---	CITY OF APPLETON
15												
16	4.10	MARVIN C. BAETEN & HELEN V. BAETEN	FEE & TI	0.498 ha (1.23 Ac)	0.081 ha (0.20 Ac)	0.020 ha (0.05 Ac)	0.101 ha (0.25 Ac)	0.397 ha (0.98 Ac)	0.056 ha (0.14 Ac)	---	---	TOWN OF GRAND CHUTE
17	4.10 - 4.11 & 4.23	WINTER LEASING, LLC	FEE & TI	6.912 ha (17.08 Ac)	0.130 ha (0.32 Ac)	0.039 ha (0.10 Ac)	0.169 ha (0.42 Ac)	6.743 ha (16.66 Ac)	0.104 ha (0.26 Ac)	---	---	CITY OF APPLETON
18	4.10 - 4.11 & 4.22	LESLIE WOLDT	FEE, TI & ACCESS	0.603 ha (1.49 Ac)	0.111 ha (0.27 Ac)	0.033 ha (0.08 Ac)	0.144 ha (0.35 Ac)	0.459 ha (1.14 Ac)	0.095 ha (0.23 Ac)	---	---	TOWN OF GRAND CHUTE
19	4.11 - 4.12 & 4.22	HERITAGE DEVELOPMENT COMPANY, LLC	FEE, TI & RDE	0.450 ha (1.11 Ac)	---	0.006 ha (0.01 Ac)	0.006 ha (0.01 Ac)	0.444 ha (1.10 Ac)	0.079 ha (0.20 Ac)	---	0.003 ha (0.01 Ac)	CITY OF APPLETON
20	4.22	KURT H. PLANTIKOW & MELISSA PLANTIKOW	TI	0.108 ha (0.27 Ac)	---	---	---	0.108 ha (0.27 Ac)	0.011 ha (0.03 Ac)	---	---	CITY OF APPLETON
21	4.11 - 4.14 & 4.23	APPLETON AREA SCHOOL DISTRICT	TI	22.416 ha (55.39 Ac)	---	---	---	22.416 ha (55.39 Ac)	0.472 ha (1.17 Ac)	---	---	CITY OF APPLETON
22	4.12	ERNEST E. LISSER III & ANN E. LISSER	FEE, TI & PLE	0.206 ha (0.51 Ac)	---	0.017 ha (0.04 Ac)	0.017 ha (0.04 Ac)	0.189 ha (0.47 Ac)	0.034 ha (0.08 Ac)	0.003 ha (0.01 Ac)	---	TOWN OF GRAND CHUTE
23	4.12	RONALD PETERS & KAREN PETERS	FEE, TI & PLE	2.064 sm (22.216 sf)	---	235 sm (2.525 sf)	235 sm (2.525 sf)	1.829 sm (19.691 sf)	288 sm (3.100 sf)	11 sm (120 sf)	---	TOWN OF GRAND CHUTE
24	4.12 - 4.13	JUNE MAASS, LOLA JAHNKE, JANET ROHM, ROBERT ZIEGLER, DONALD ZIEGLER, KENNETH ZIEGLER, PHILIP ZIEGLER & FREDRICK ZIEGLER	FEE & TI	0.413 ha (1.02 Ac)	---	0.024 ha (0.06 Ac)	0.024 ha (0.06 Ac)	0.388 ha (0.96 Ac)	0.036 ha (0.09 Ac)	---	---	TOWN OF GRAND CHUTE
25												
26	4.13	HERBERT J. KLARNER & GLADYS I. KLARNER	FEE & TI	0.413 ha (1.02 Ac)	---	0.017 ha (0.04 Ac)	0.017 ha (0.04 Ac)	0.396 ha (0.98 Ac)	0.034 ha (0.08 Ac)	---	---	TOWN OF GRAND CHUTE
27	4.13 - 4.14	MARION L. VAN HANDEL REVOCABLE LIVING TRUST	FEE, TI & PLE	1.198 ha (2.96 Ac)	0.136 ha (0.34 Ac)	0.028 ha (0.07 Ac)	0.164 ha (0.41 Ac)	1.034 ha (2.55 Ac)	0.073 ha (0.18 Ac)	0.004 ha (0.01 Ac)	---	TOWN OF GRAND CHUTE
28	4.14 & 4.21	MICHAEL D. KRAUS & KAREN A. KRAUS	FEE & TI	3237 sm (34.848 sf)	493 sm (5.306 sf)	18 sm (191 sf)	511 sm (5.497 sf)	2.726 sm (29.351 sf)	569 sm (6.125 sf)	---	---	TOWN OF GRAND CHUTE
29	4.20	JAMES R. VAN HANDEL & JUDY A. VAN HANDEL	TI	0.295 ha (0.73 Ac)	---	---	---	0.295 ha (0.73 Ac)	0.013 ha (0.03 Ac)	---	---	TOWN OF GRAND CHUTE
30												
31	4.20	JULE VAN HANDEL	---	4.395 ha (10.86 Ac)	---	---	---	4.395 ha (10.86 Ac)	---	---	---	TOWN OF GRAND CHUTE
32												
33	4.20	CARL E. MARTEN & JANE MARTEN	FEE & TI	1.246 ha (3.08 Ac)	0.047 ha (0.12 Ac)	0.007 ha (0.02 Ac)	0.054 ha (0.14 Ac)	1.192 ha (2.94 Ac)	0.073 ha (0.18 Ac)	---	---	TOWN OF GRAND CHUTE
34	4.14 - 4.15 & 4.20	TOM H. VAN HANDEL & MARY K. VAN HANDEL	FEE, TI & PLE	3.039 ha (7.51 Ac)	0.175 ha (0.43 Ac)	0.049 ha (0.12 Ac)	0.224 ha (0.55 Ac)	2.815 ha (6.96 Ac)	0.160 ha (0.40 Ac)	0.003 ha (0.01 Ac)	---	TOWN OF GRAND CHUTE
35												
36	4.14 & 4.21	RICHARD A. MUELLER	TI	0.538 ha (1.33 Ac)	---	---	---	0.538 ha (1.33 Ac)	0.059 ha (0.15 Ac)	---	---	CITY OF APPLETON
37	4.14 - 4.15	JAMES H. GILLESPIE & MARY GILLESPIE	FEE & TI	8.219 ha (20.31 Ac)	0.099 ha (0.25 Ac)	0.025 ha (0.06 Ac)	0.124 ha (0.31 Ac)	8.095 ha (20.00 Ac)	0.072 ha (0.18 Ac)	---	---	TOWN OF GRAND CHUTE
38	4.15	WILLIAM D. GILLESPIE & JUDITH A. GILLESPIE	FEE & TI	1.104 ha (2.73 Ac)	0.071 ha (0.17 Ac)	0.018 ha (0.04 Ac)	0.089 ha (0.21 Ac)	1.015 ha (2.52 Ac)	0.062 ha (0.15 Ac)	---	---	TOWN OF GRAND CHUTE
39	4.15	THE DONALD J. VAN HANDEL FAMILY WISCONSIN LIMITED PARTNERSHIP	FEE	2.922 ha (7.22 Ac)	0.089 ha (0.22 Ac)	0.022 ha (0.05 Ac)	0.109 ha (0.27 Ac)	2.813 ha (6.95 Ac)	---	---	---	TOWN OF GRAND CHUTE
40												
41	4.15 - 4.16	LAWRENCE G. PETERSEN & RITA JANE PETERSEN	FEE & TI	10.243 ha (25.31 Ac)	0.246 ha (0.61 Ac)	0.061 ha (0.15 Ac)	0.307 ha (0.76 Ac)	9.936 ha (24.55 Ac)	0.124 ha (0.31 Ac)	---	---	TOWN OF GRAND CHUTE
42	4.15 - 4.16	JAMES PAUL TROST & CHYRA A. TROST	TI	0.405 ha (1.00 Ac)	---	---	---	0.405 ha (1.00 Ac)	0.062 ha (0.15 Ac)	---	---	TOWN OF GRAND CHUTE
43	4.16 - 4.17	DAN L. HEYERDAHL & KAREN HEYERDAHL	TI	0.915 ha (2.26 Ac)	---	---	---	0.915 ha (2.26 Ac)	0.075 ha (0.19 Ac)	---	---	TOWN OF GRAND CHUTE
44	4.16	STEVEN R. PETERSEN	FEE, TI & PLE	12.505 sm (134.600 sf)	655 sm (7.054 sf)	164 sm (1.765 sf)	819 sm (8.819 sf)	11.686 sm (125.781 sf)	246 sm (2.648 sf)	9 sm (99 sf)	---	TOWN OF GRAND CHUTE
45												
46	4.16 - 4.17	NORBERT G. SCHABO & LINDA L. SCHABO	FEE, TI & PLE	0.186 ha (0.46 Ac)	0.037 ha (0.09 Ac)	0.009 ha (0.02 Ac)	0.046 ha (0.11 Ac)	0.140 ha (0.35 Ac)	0.014 ha (0.03 Ac)	0.003 ha (0.01 Ac)	---	TOWN OF GRAND CHUTE
47	4.17	NORBERT G. SCHABO & LINDA L. SCHABO, & MARLENE SMUDDE N/K/A MARLENE SWARD	FEE & TI	0.631 ha (1.56 Ac)	0.077 ha (0.19 Ac)	0.019 ha (0.05 Ac)	0.096 ha (0.24 Ac)	0.535 ha (1.32 Ac)	0.030 ha (0.07 Ac)	---	---	TOWN OF GRAND CHUTE
48	4.17 - 4.18	KEVIN C. GARRETT & CHERYL M. McCHESNEY	FEE & TI	1.683 ha (4.16 Ac)	---	0.010 ha (0.03 Ac)	0.010 ha (0.03 Ac)	1.673 ha (4.13 Ac)	0.202 ha (0.50 Ac)	---	---	TOWN OF GRAND CHUTE
49	4.17	JAMES L. COON & JEAN T. COON	FEE & TI	0.506 ha (1.25 Ac)	0.077 ha (0.19 Ac)	0.018 ha (0.04 Ac)	0.095 ha (0.23 Ac)	0.411 ha (1.02 Ac)	0.026 ha (0.06 Ac)	---	---	TOWN OF GRAND CHUTE
50												
51	4.17 - 4.18	ELLEN SMUDDE	FEE & TI	1.202 ha (2.97 Ac)	0.119 ha (0.30 Ac)	0.029 ha (0.07 Ac)	0.148 ha (0.37 Ac)	1.054 ha (2.60 Ac)	0.062 ha (0.15 Ac)	---	---	TOWN OF GRAND CHUTE
52	4.18	DUANE L. FOX & SHARON A. FOX	FEE & TI	0.676 ha (1.67 Ac)	0.023 ha (0.06 Ac)	0.002 ha (0.01 Ac)	0.025 ha (0.07 Ac)	0.651 ha (1.60 Ac)	0.013 ha (0.03 Ac)	---	---	TOWN OF GRAND CHUTE
53	4.18 - 4.19	THE MUELLER FAMILY LIMITED PARTNERSHIP	FEE & TI	0.874 ha (2.16 Ac)	---	0.013 ha (0.03 Ac)	0.013 ha (0.03 Ac)	0.861 ha (2.13 Ac)	0.197 ha (0.49 Ac)	---	---	TOWN OF GRAND CHUTE
96	4.13	ANR PIPELINE COMPANY	CONVEYANCE OF RIGHTS	---	---	---	---	---	---	---	---	
97	4.6 - 4.7 & 4.16	WISCONSIN ELECTRIC POWER COMPANY	CONVEYANCE OF RIGHTS	---	---	---	---	---	---	---	---	
98	4.5 - 4.11 4.16 - 4.17	AMERITECH OF WISCONSIN	CONVEYANCE OF RIGHTS	---	---	---	---	---	---	---	---	
99	4.16	TIME WARNER CABLE	CONVEYANCE OF RIGHTS	---	---	---	---	---	---	---	---	

REVISION DATE 04-23-99 10-15-99 11-01-99 01-12-00	DATE 11-24-98	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96
		COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:
			SHEET NO: 4.2 M

WISDOT: MSHT60

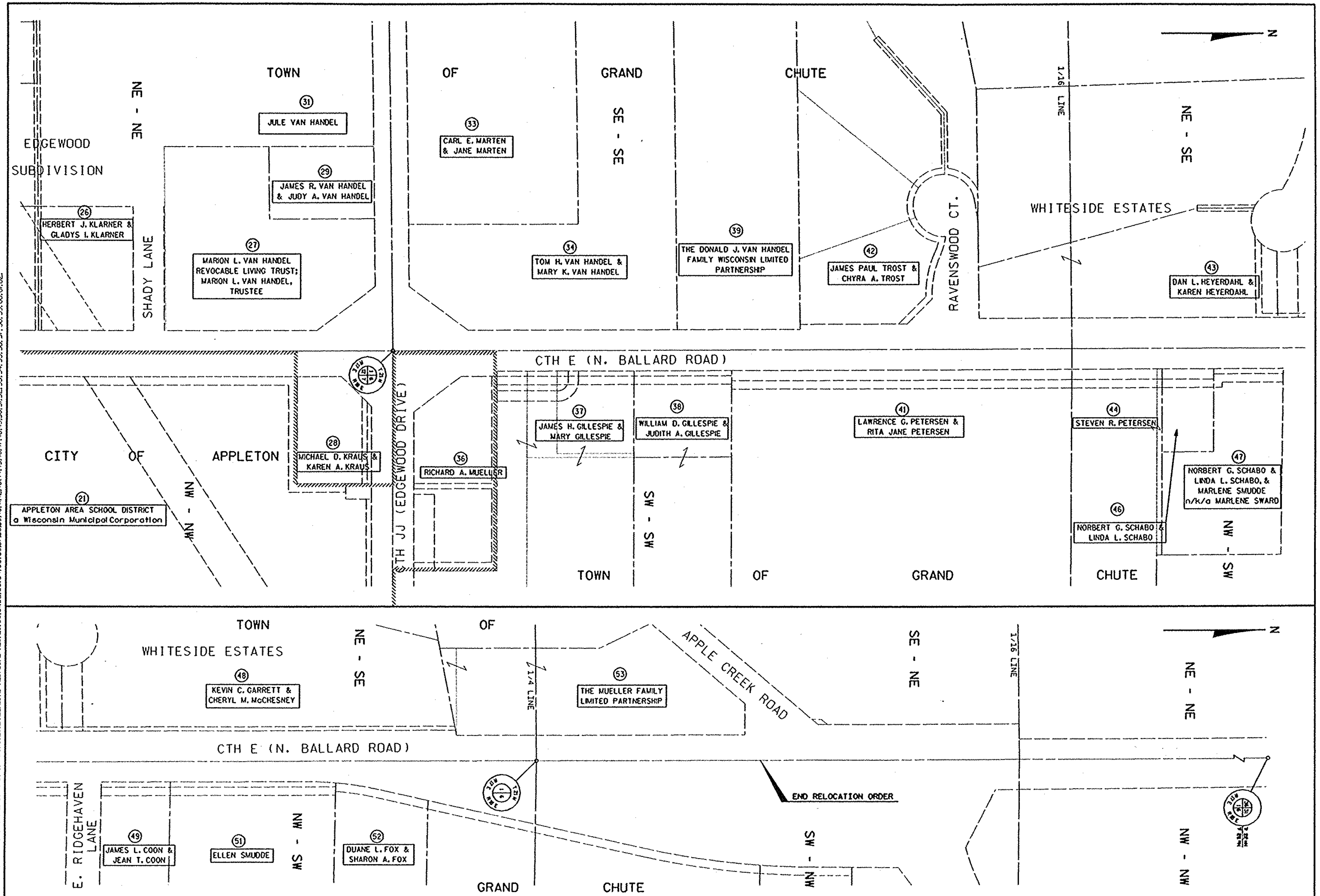


REVISION DATE 04-23-99, 10-15-99 N.C., 11-01-99 N.C., 01-12-00	DATE 11-24-98	NOT TO SCALE	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96
			COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:
				SHEET NO: 4.3 M

FILE NAME: E1339A /SHEETS /PLAT /4984040J.DGN
TECH/ENGR: OPP/SDC
PLOT DATE: 11/01/99

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

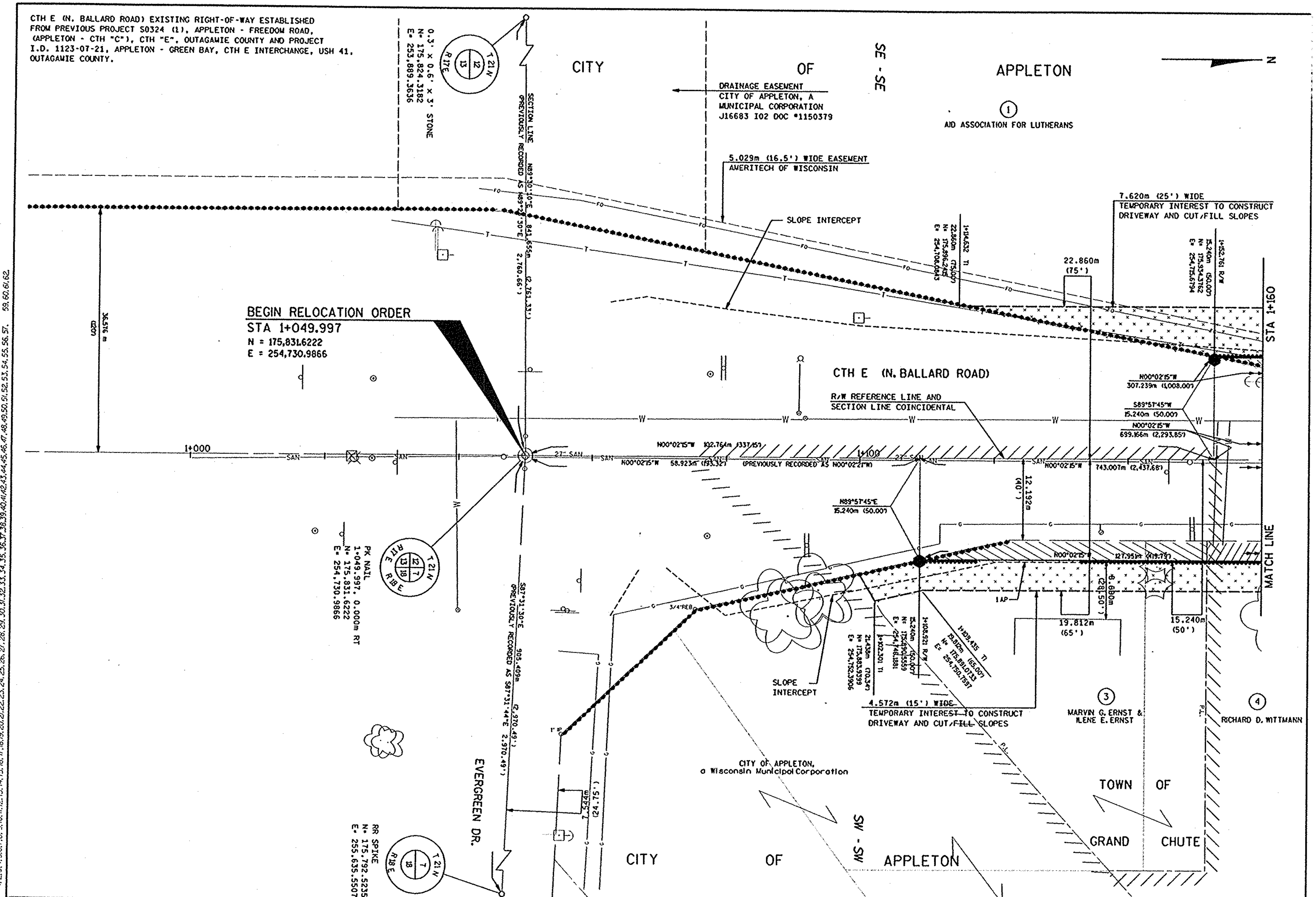
WISDOT: MSHT70



REVISION DATE 04-23-99 N.C. 10-15-99 11-01-99 N.C. 01-12-00 N.C.	DATE 11-24-98	NOT TO SCALE	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
			COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.4 M

FILE NAME: E1339A /SHEETS /PLAT /49840404.DGN
TECH/ENGR: DPP/SOC
PLOT DATE: 11/01/99
LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

WisDOT: MSHT70

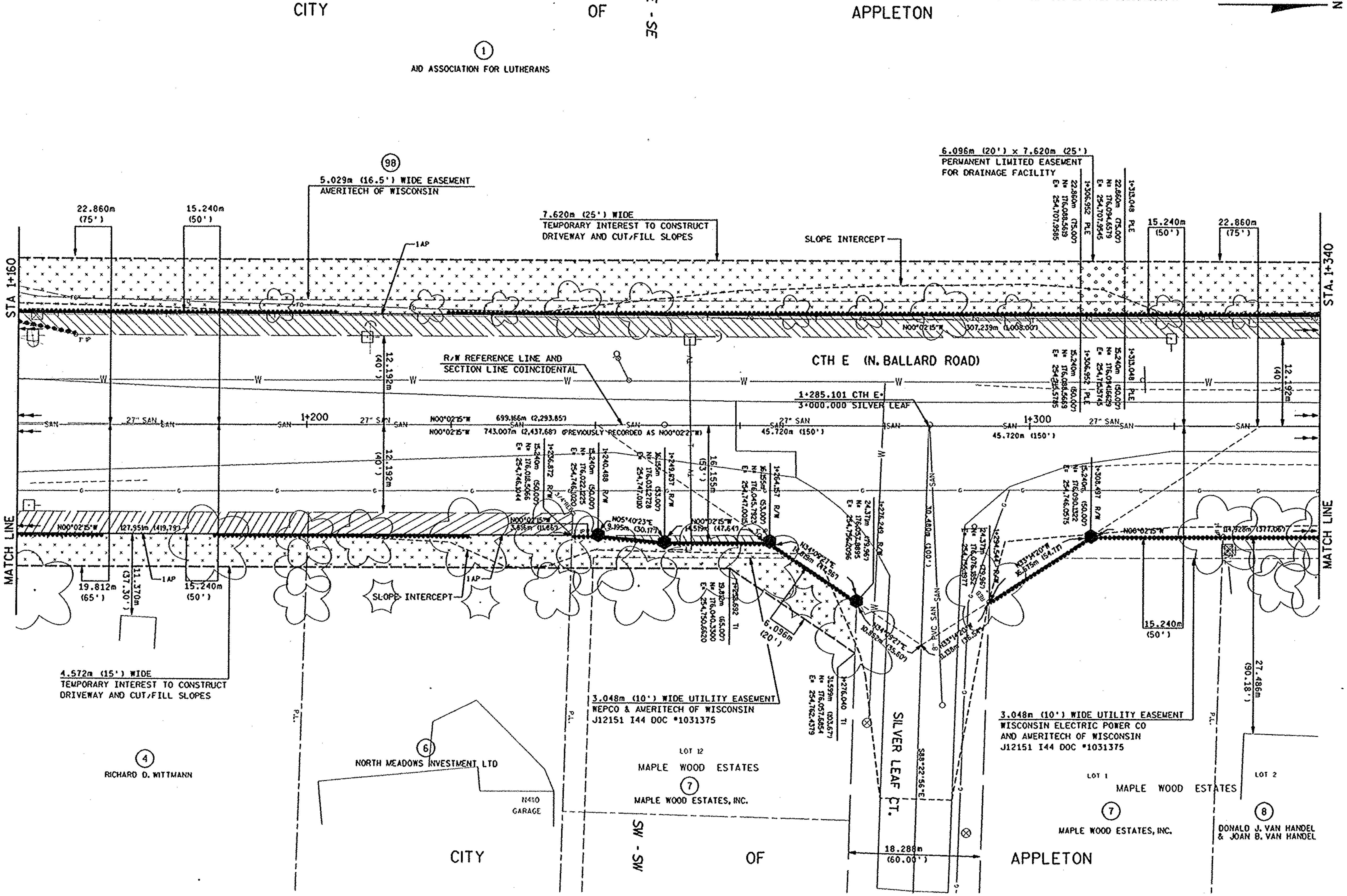


REVISION DATE 04-23-99 10-15-99 N.C. 11-01-99 N.C. 01-12-00 N.C.	DATE 11-24-98 GRID FACTOR	SCALE, METERS 0 25	HWY: CTH E (N. BALLARD ROAD) COUNTY: OUTAGAMIE	FEDERAL PROJECT NO: 4984-00-96 STATE R/W PROJECT NO:	SHEET NO: 4.5	M

FILE NAME: E1339A98/SHEETS /PLAT /49840405 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

WisDOT: MSHT75

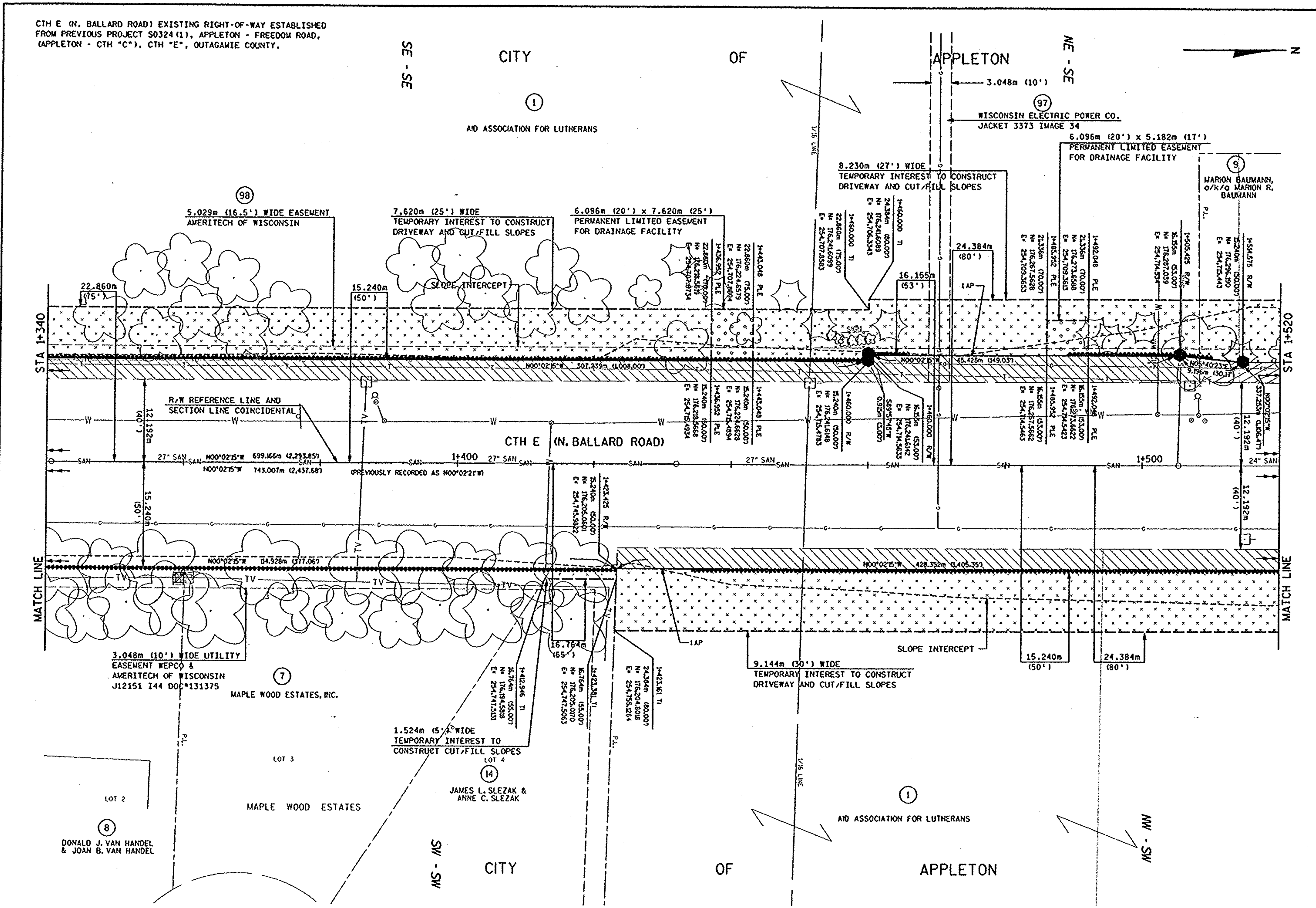
CTH E (N. BALLARD ROAD) EXISTING RIGHT-OF-WAY ESTABLISHED FROM PREVIOUS PROJECT S0324 (1), APPLETON - FREEDOM ROAD, (APPLETON - CTH "C"), CTH "E", OUTAGAMIE COUNTY.
SILVER LEAF COURT EXISTING RIGHT-OF-WAY ESTABLISHED FROM MAPLE WOOD ESTATES SUBDIVISION.



REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 N.C. 11-01-99 01-12-00	11-24-98 GRID FACTOR	0 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.6 M

FILE NAME: E1339A98/SHEETS /PLAT /49840406 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

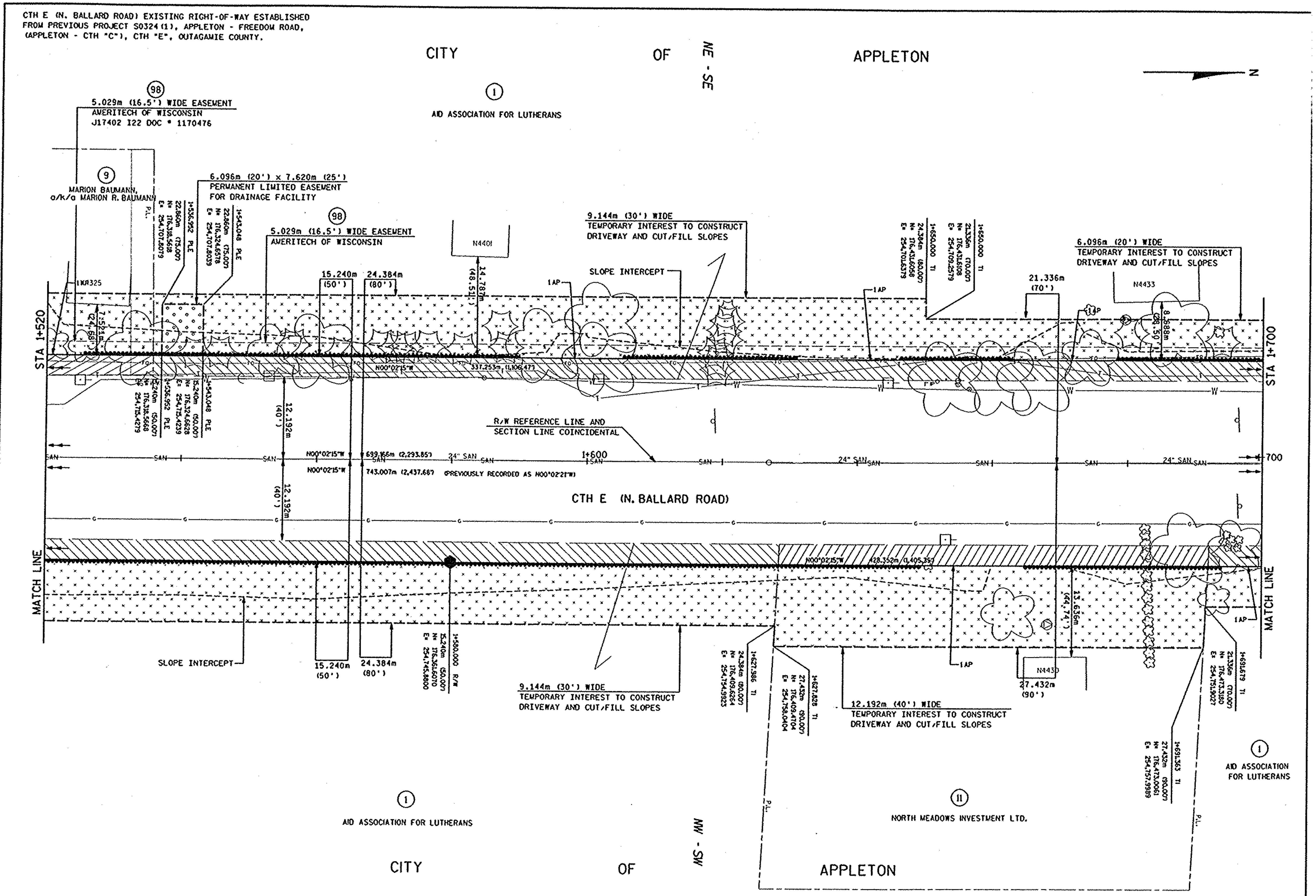
WISDOT: MSHT75



FILE NAME: E1339A98/SHEETS /PLAT /49840407 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 N.C. 11-01-99 01-12-00	11-24-98	0 — 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.7 M
	GRID FACTOR				

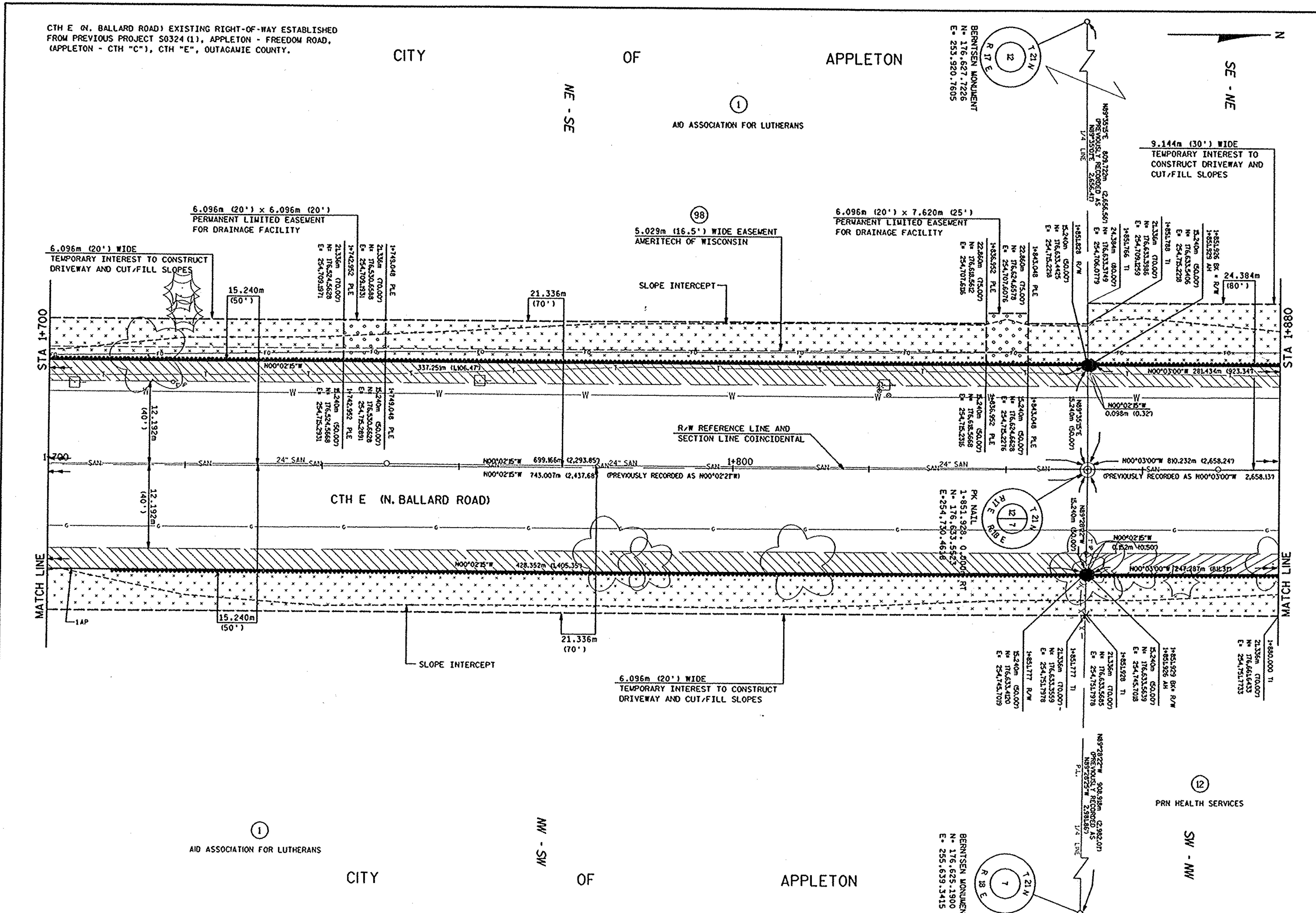
WISDOT: MSHT75



REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 N.C. 11-01-99 N.C. 01-12-00 N.C.	11-24-98 GRID FACTOR	0 — 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.8 M

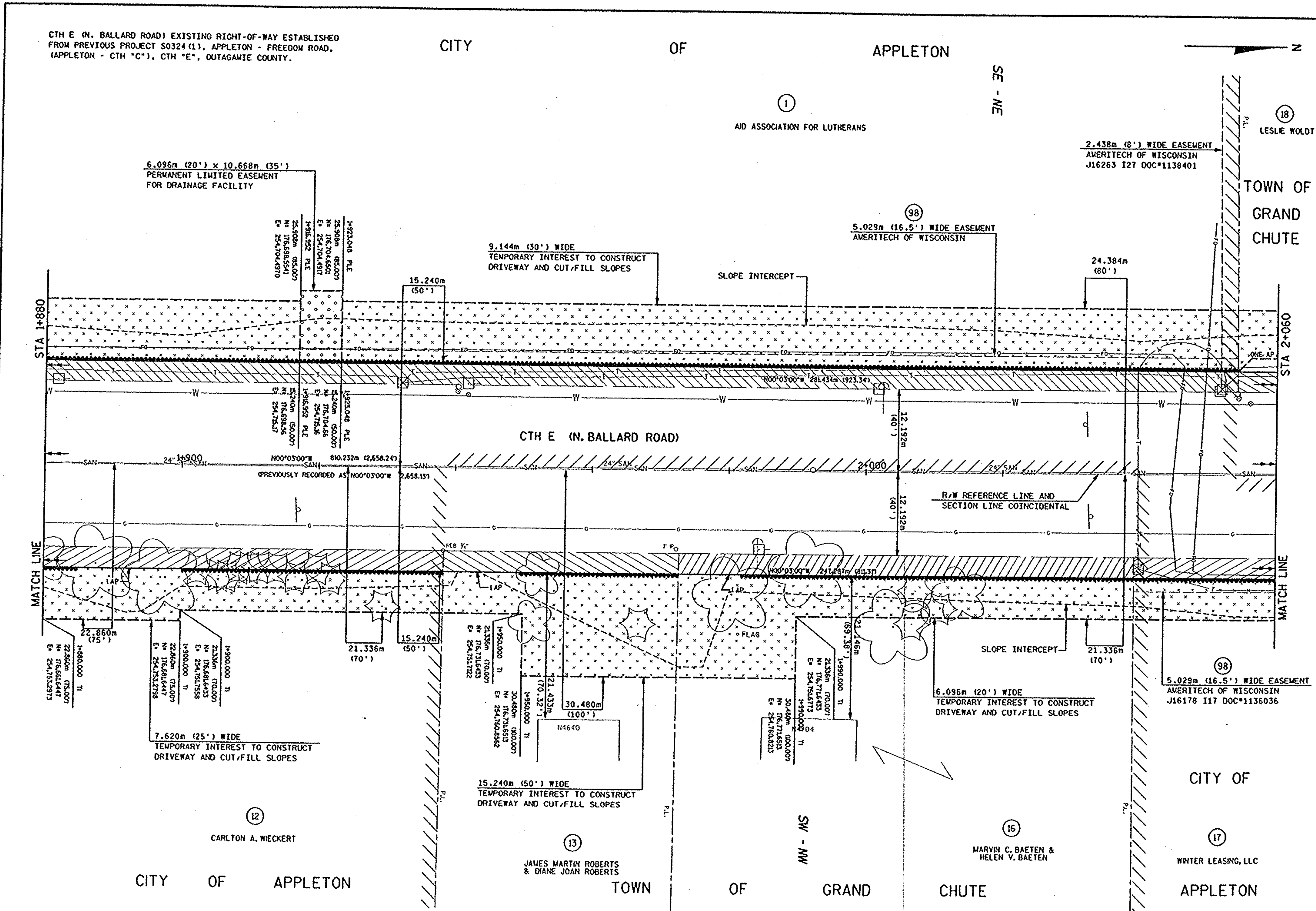
FILE NAME: E1339A98/SHEETS /PLAT /49840408 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

WISDOT: MSHT75



REVISION DATE 04-23-99 10-15-99 N.C. 11-01-99 N.C. 01-12-00	DATE 11-24-98	SCALE, METERS 0 25	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
	GRID FACTOR		COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.9 M

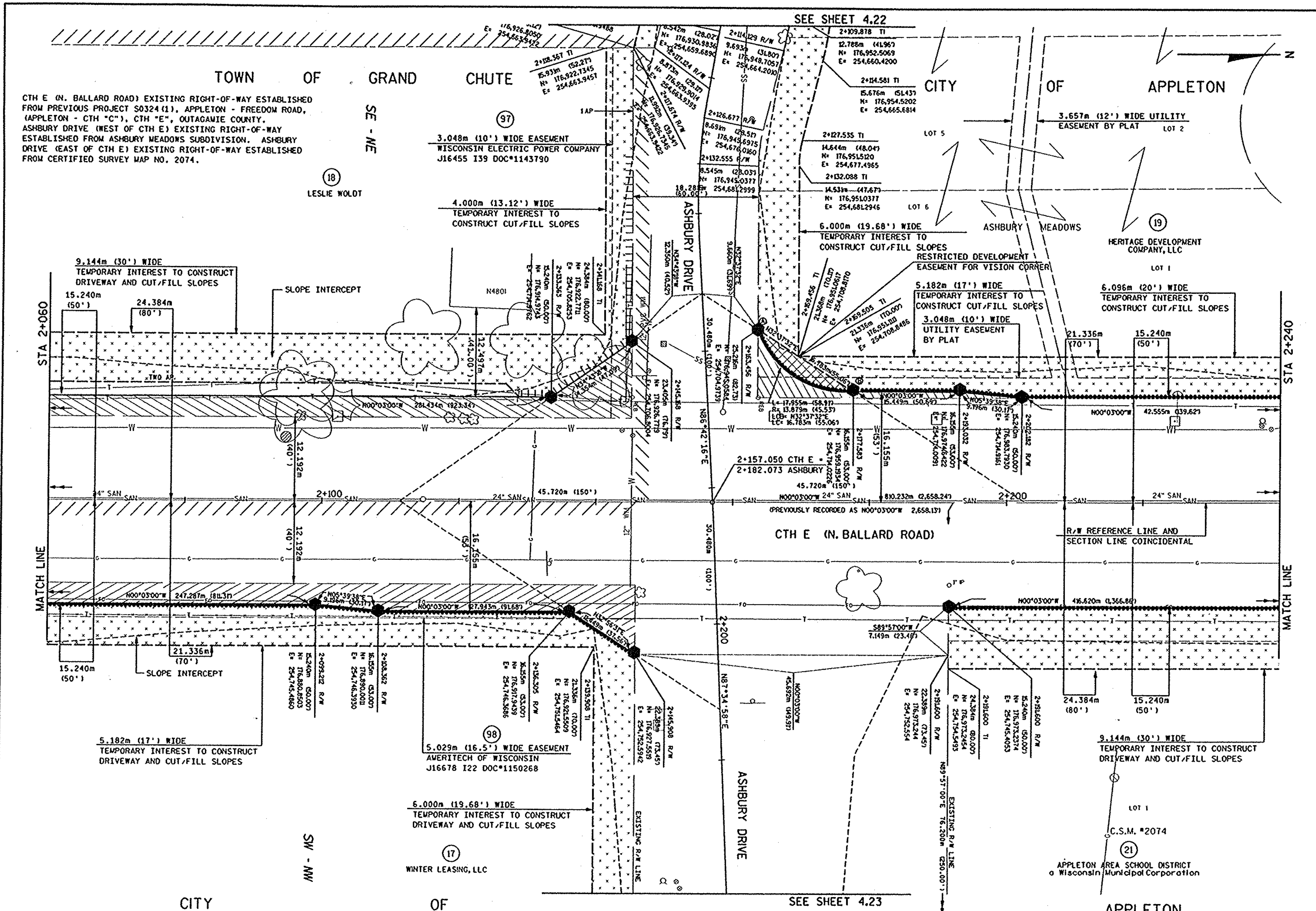
FILE NAME: E1339A98/SHEETS /PLAT /49840409 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62.



FILE NAME: E1339A98/SHEETS /PLAT /4984041O .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

REVISION DATE 04-23-99 10-15-99 11-01-99 N.C. 01-12-00 N.C.	DATE 11-24-98 GRID FACTOR	SCALE, METERS 0 25	HWY: CTH E (N. BALLARD ROAD) COUNTY: OUTAGAMIE	FEDERAL PROJECT NO: 4984-00-96 STATE R/W PROJECT NO:	SHEET NO: 4.10 M

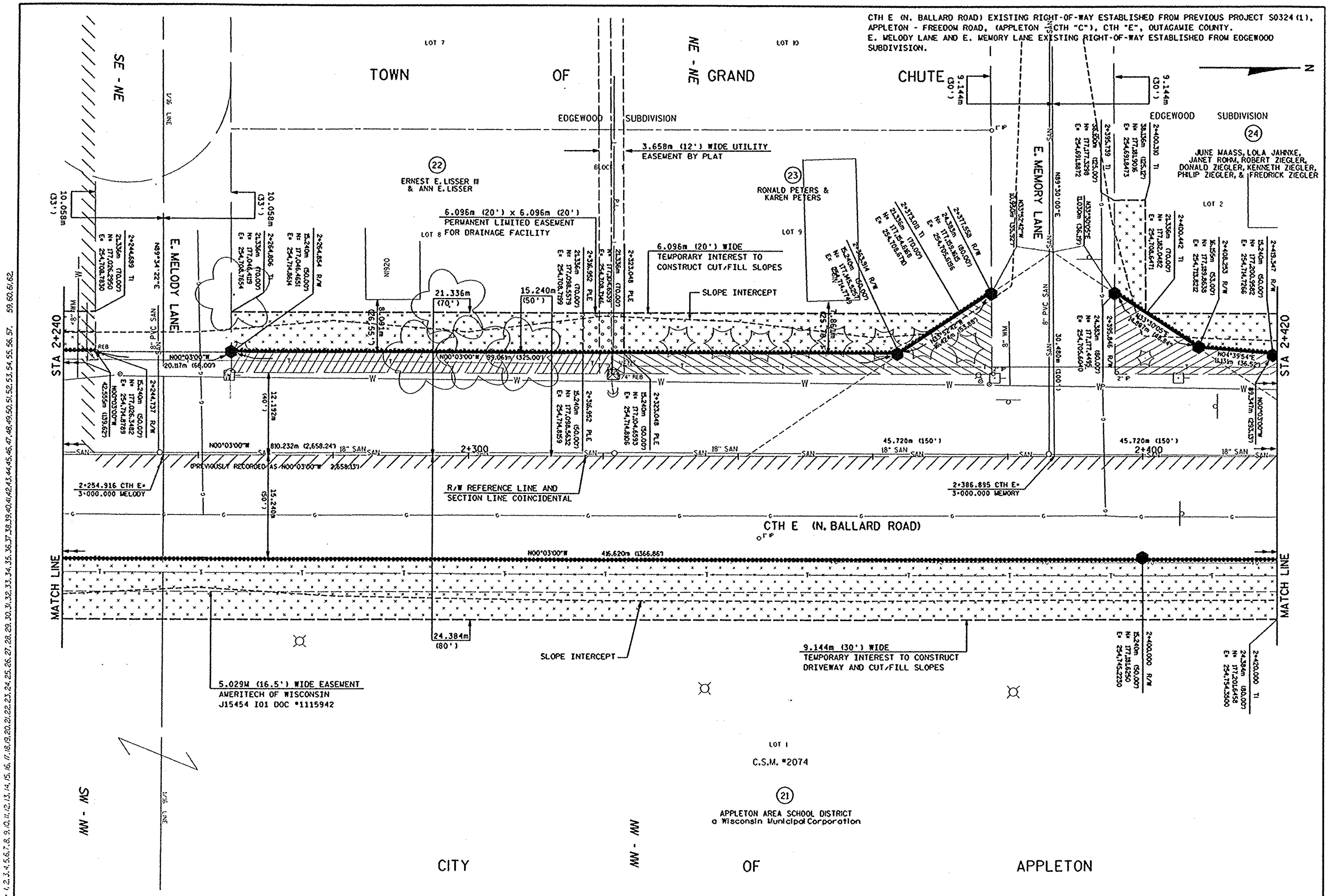
WISDOT: MSHT75



FILE NAME: E1339498/SHEETS /PLAT /4984041I .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 11-01-99 N.C. 01-12-00	11-24-98	0 — 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.11 M
	GRID FACTOR				

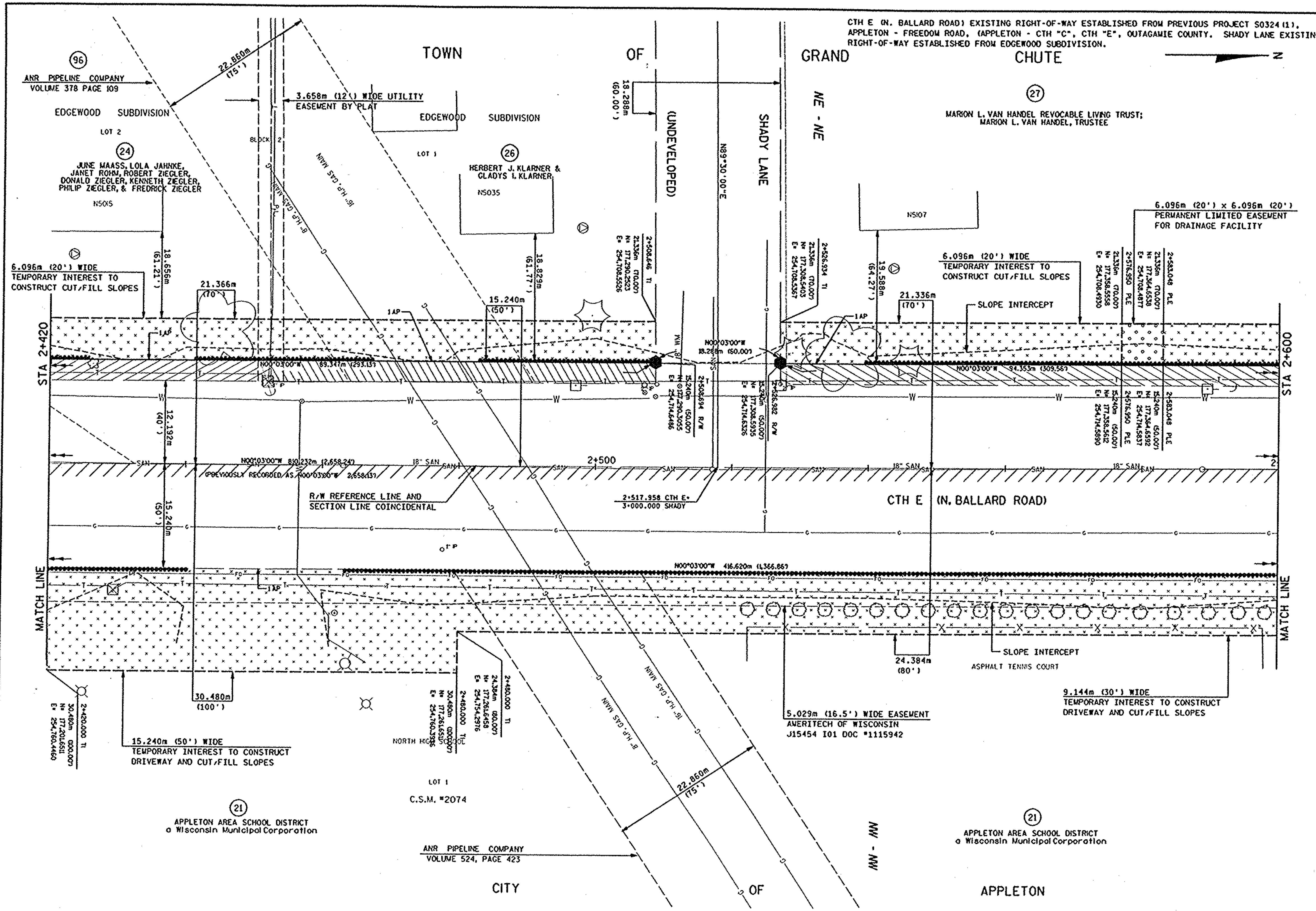
WISDOT: MSHT75



REVISION DATE 04-23-99, 10-15-99 N.C., 11-01-99 N.C., 01-12-00 N.C.	DATE 11-24-98 / GRID FACTOR	SCALE, METERS 0 – 25	HWY: CTH E (N. BALLARD ROAD) / COUNTY: OUTAGAMIE	FEDERAL PROJECT NO: 4984-00-96 / STATE R/W PROJECT NO:	SHEET NO: 4.12	M

FILE NAME: E1339A98/SHEETS /PLAT /49840412 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OVNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

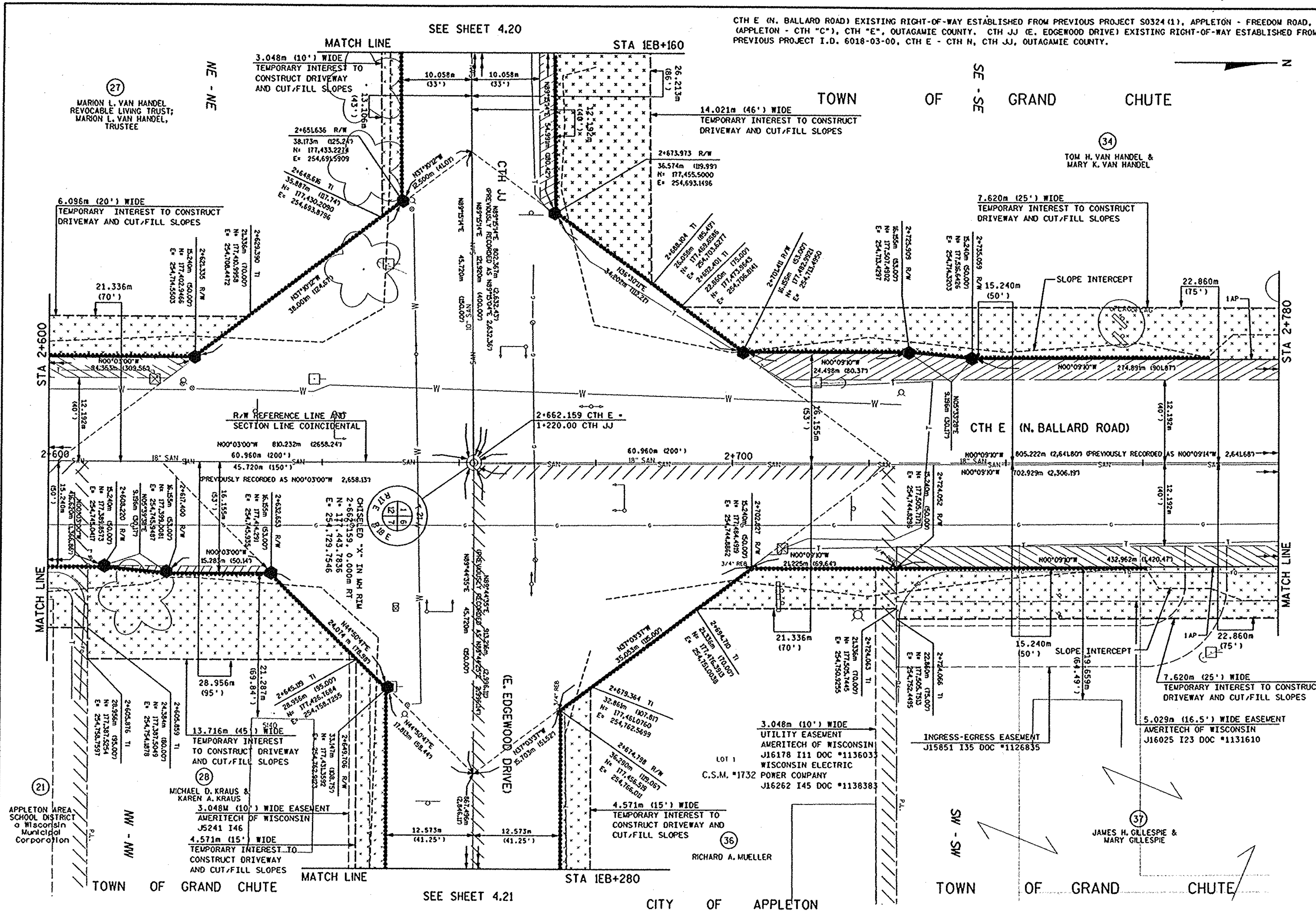
WisDOT: MSHT75



REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 N.C. 11-01-99 N.C. 01-12-00 N.C.	11-24-98	0 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.13 M
	GRID FACTOR				

FILE NAME: E1339498/SHEETS /PLAT /49840413 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

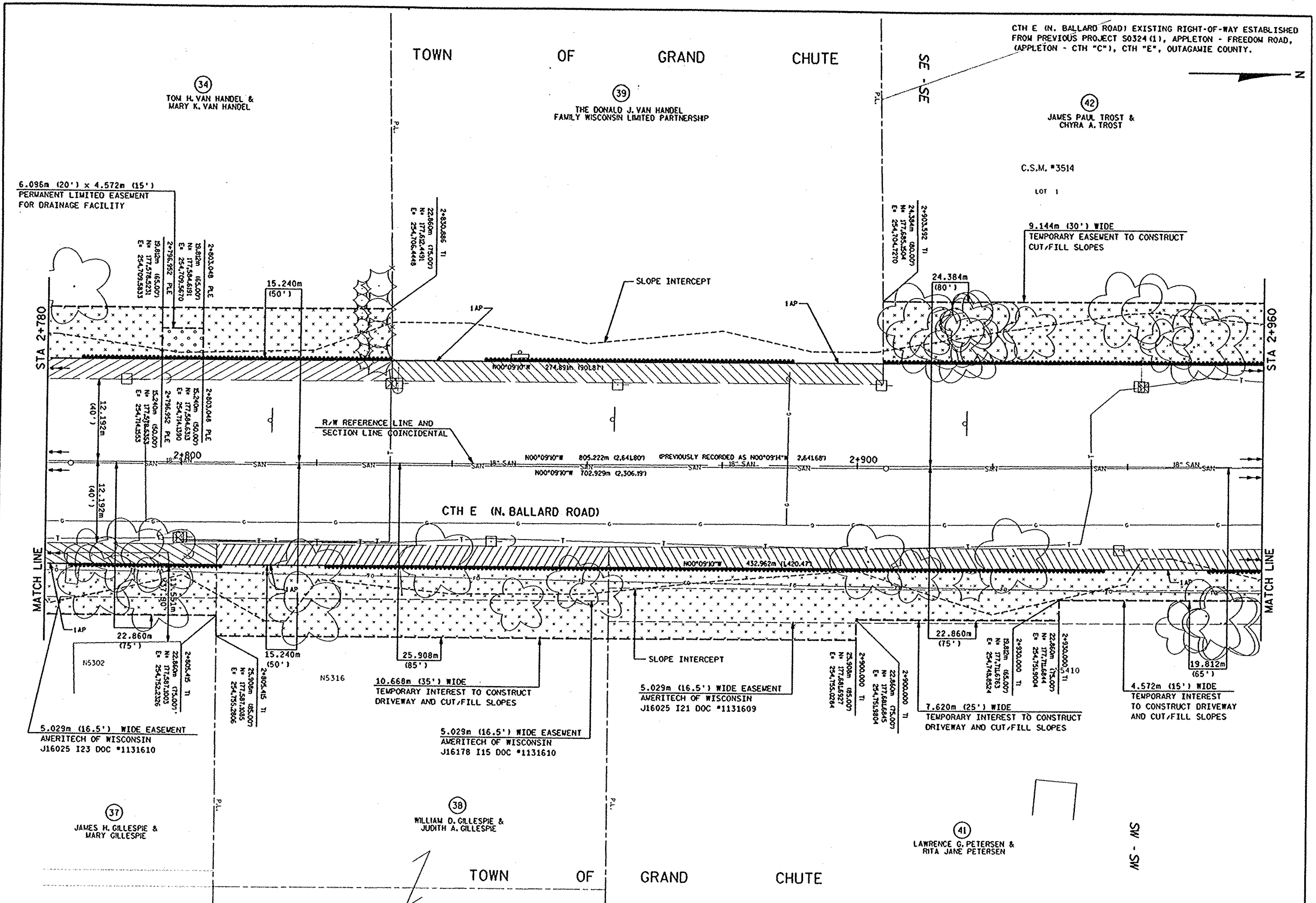
WisDOT: MSHT75



REVISION DATE 04-23-99 10-15-99 11-01-99 N.C. 01-12-00 N.C.	DATE 11-24-98 GRID FACTOR	SCALE, METERS 0 25	HWY: CTH E (N. BALLARD ROAD) COUNTY: OUTAGAMIE	FEDERAL PROJECT NO: 4984-00-96 STATE R/W PROJECT NO:	SHEET NO: 4.14	M

FILE NAME: E1339A98/SHEETS /PLAT /49840414 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62.

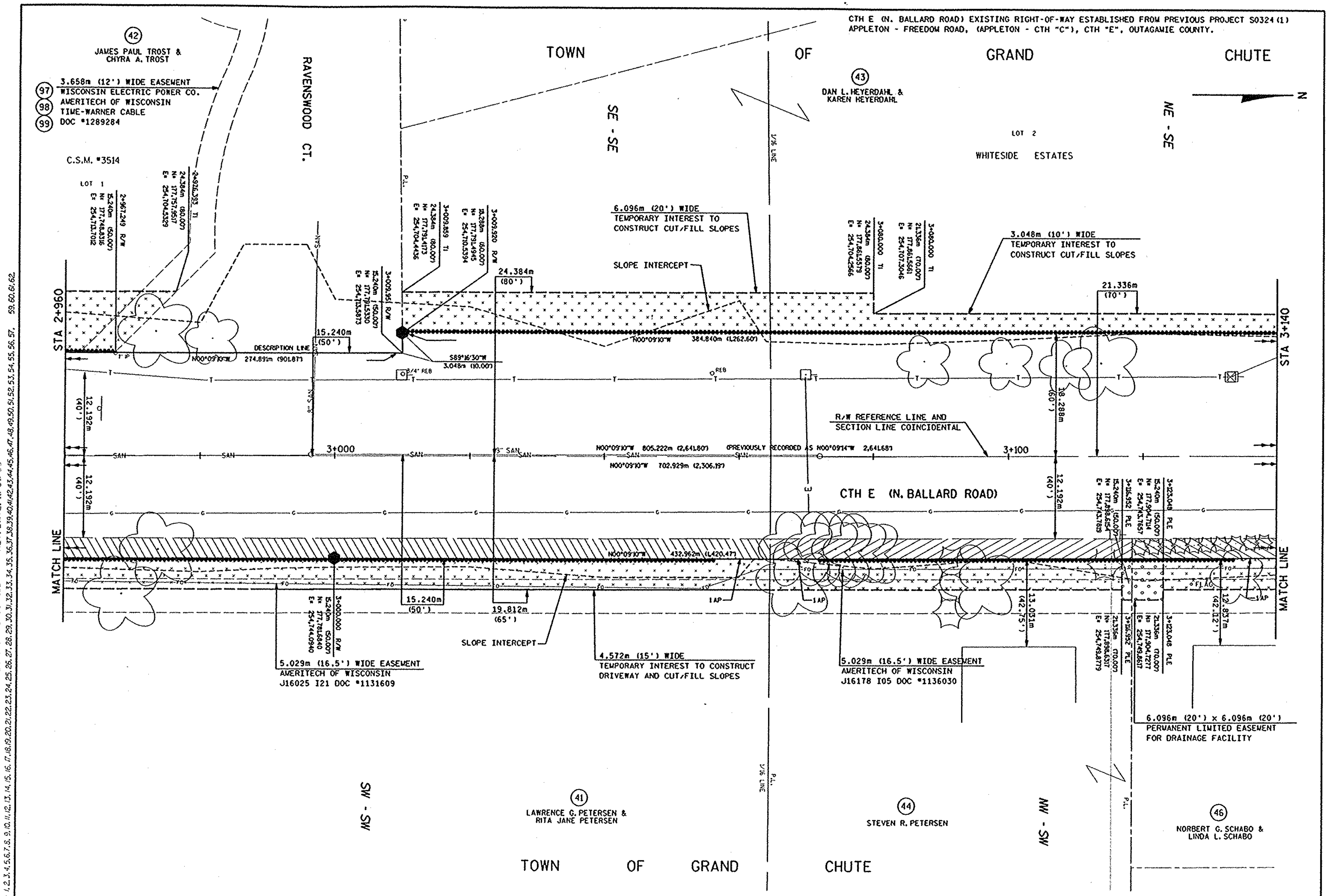
WISDOT: MSHT75



REVISION DATE 04-23-99 10-15-99 11-01-99 N.C. 01-12-00	DATE 11-24-98 GRID FACTOR	SCALE, METERS 0 25	HWY: CTH E (N. BALLARD ROAD) COUNTY: OUTAGAMIE	FEDERAL PROJECT NO: 4984-00-96 STATE R/W PROJECT NO:	SHEET NO: 4.15 M

FILE NAME: E1339A98/SHEETS /PLAT /49840415 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

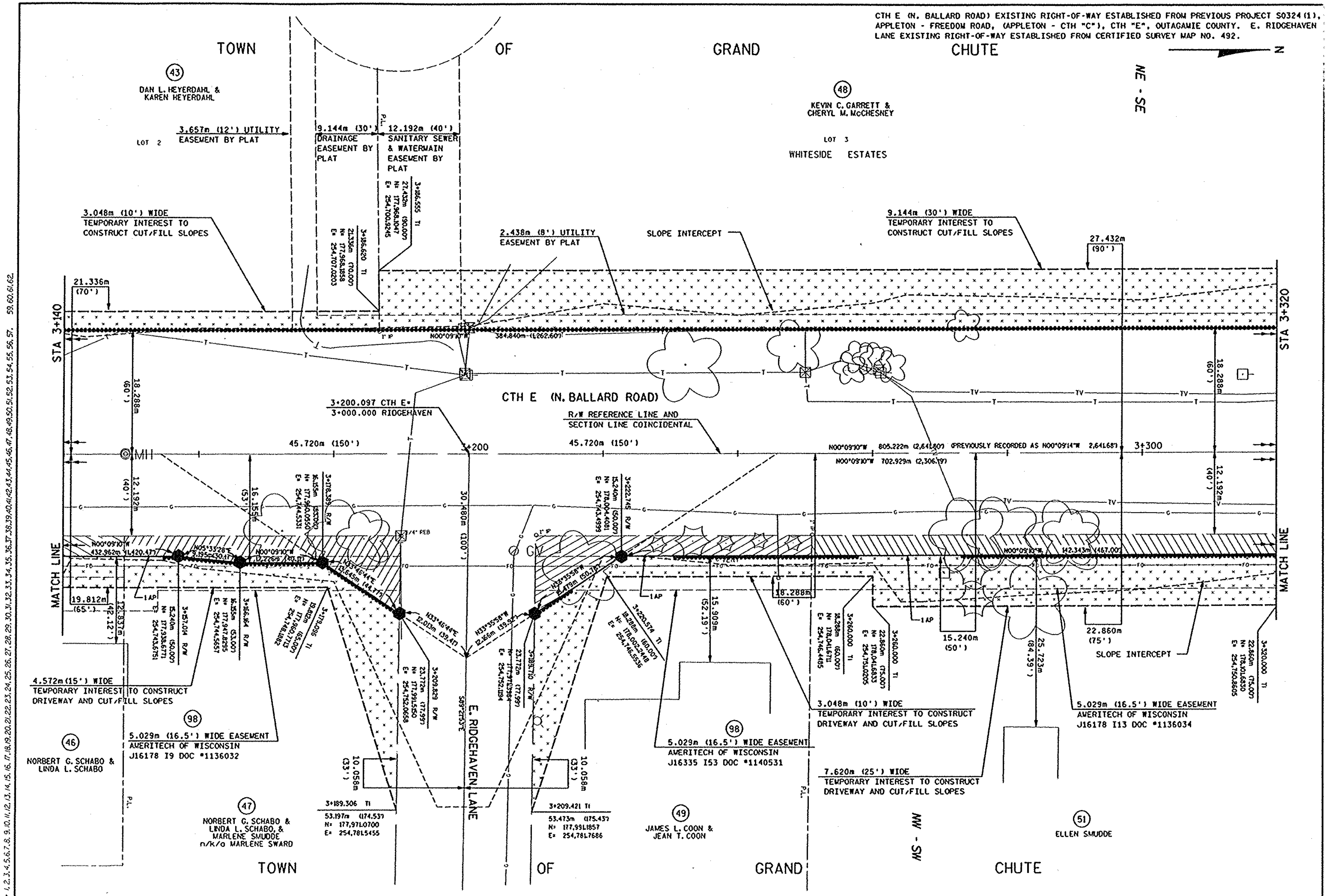
WISDOT: MSHT75



REVISION DATE 04-23-99, 10-15-99, 11-01-99 N.C., 01-12-00 N.C.	DATE 11-24-98	SCALE, METERS 0 – 25	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96
	GRID FACTOR		COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:
				SHEET NO: 4.16 M

FILE NAME: E1339A98/SHEETS /PLAT /49840416 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

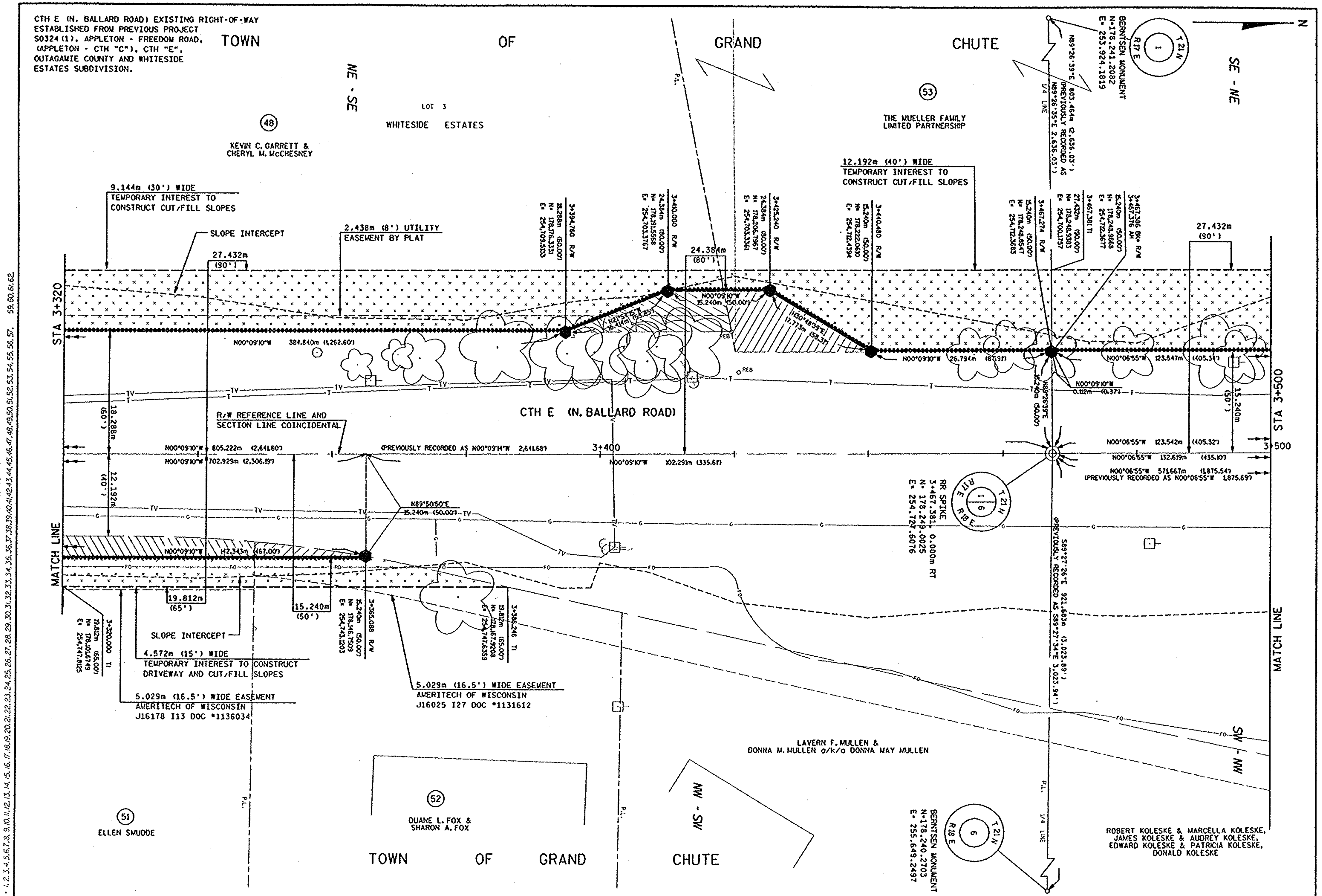
WisDOT: MSHT75



REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96		
04-23-99 N.C. 10-15-99 N.C. 11-01-99 N.C. 01-12-00 N.C.	11-24-98 GRID FACTOR	0 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.17	M

FILE NAME: E1339A98/SHEETS /PLAT /49840417 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62.

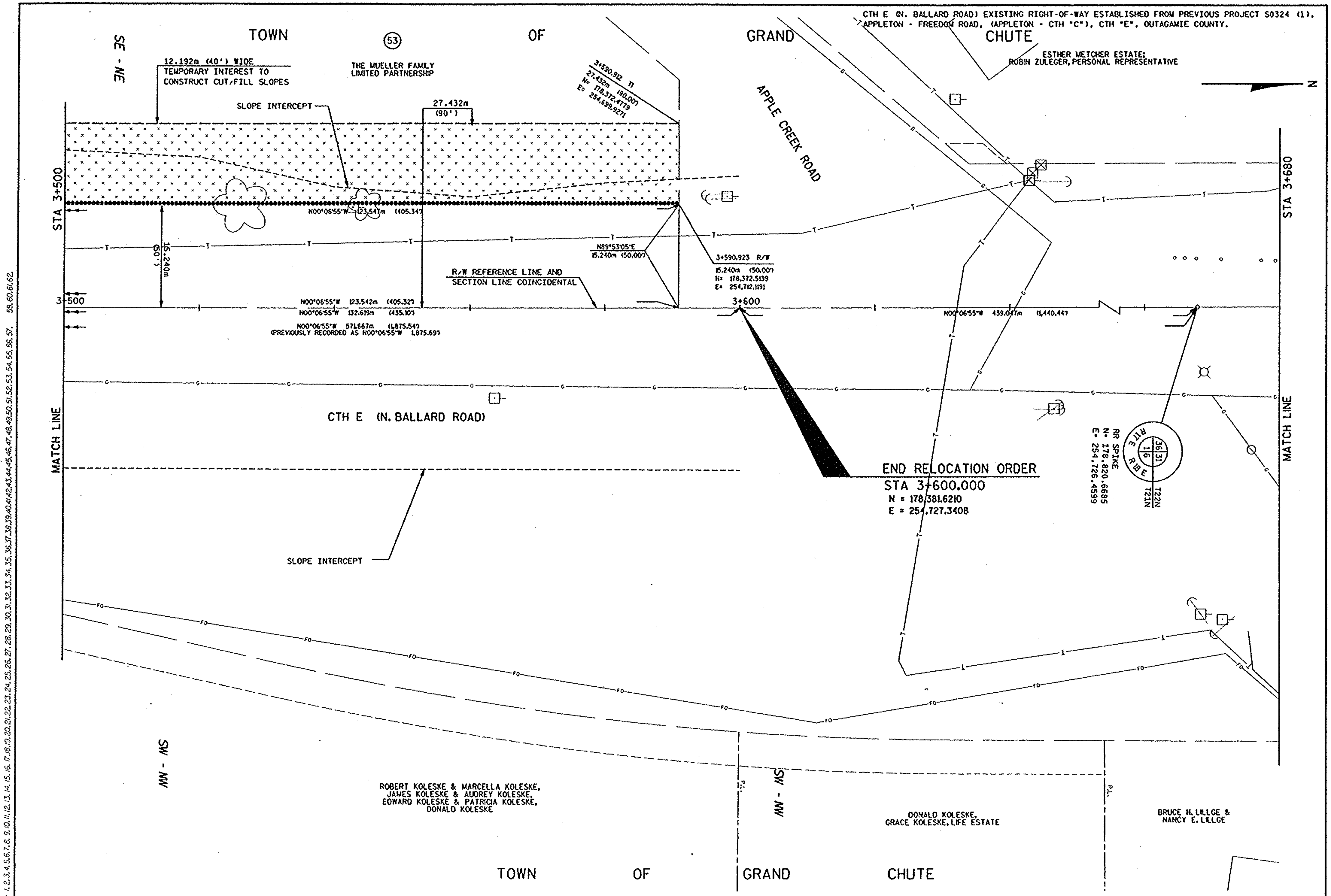
WisDOT: MSHT75



FILE NAME: E1339A98/SHEETS /PLAT /4984018 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99

REVISION DATE	DATE	SCALE, METERS	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 N.C. 10-15-99 N.C. 11-01-99 N.C. 01-12-00 N.C.	11-24-98 GRID FACTOR	0 – 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.18 M

WisDOT: MSHT75

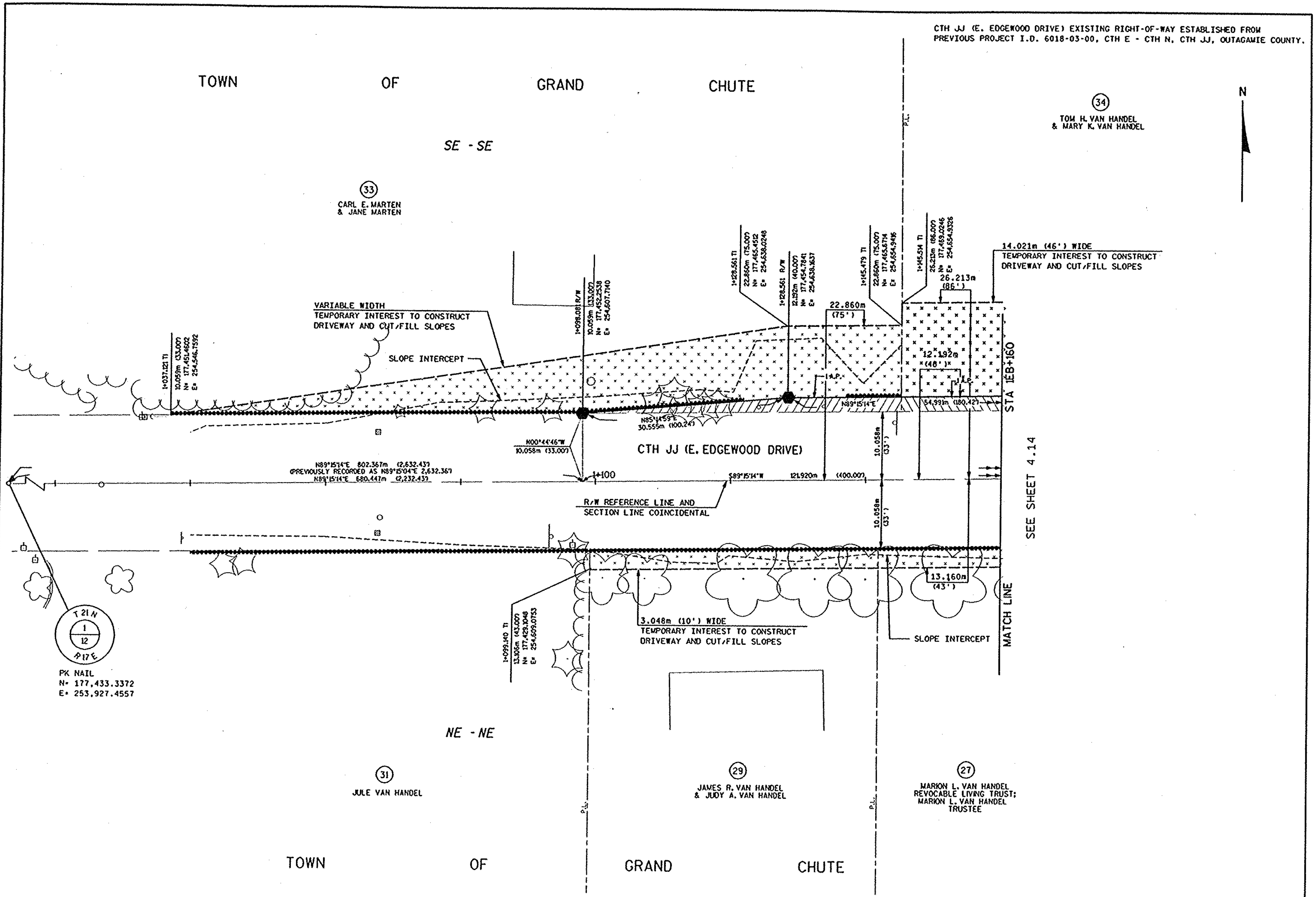


REVISION DATE 04-23-99 N.C. 10-15-99 N.C. 11-01-99 N.C. 01-12-00 N.C.	DATE 11-24-98	SCALE, METERS 0 25	HWY: CTH E (N. BALLARD ROAD)	FEDERAL PROJECT NO: 4984-00-96	
	GRID FACTOR		COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.19 M

WISDOT: MSHT75

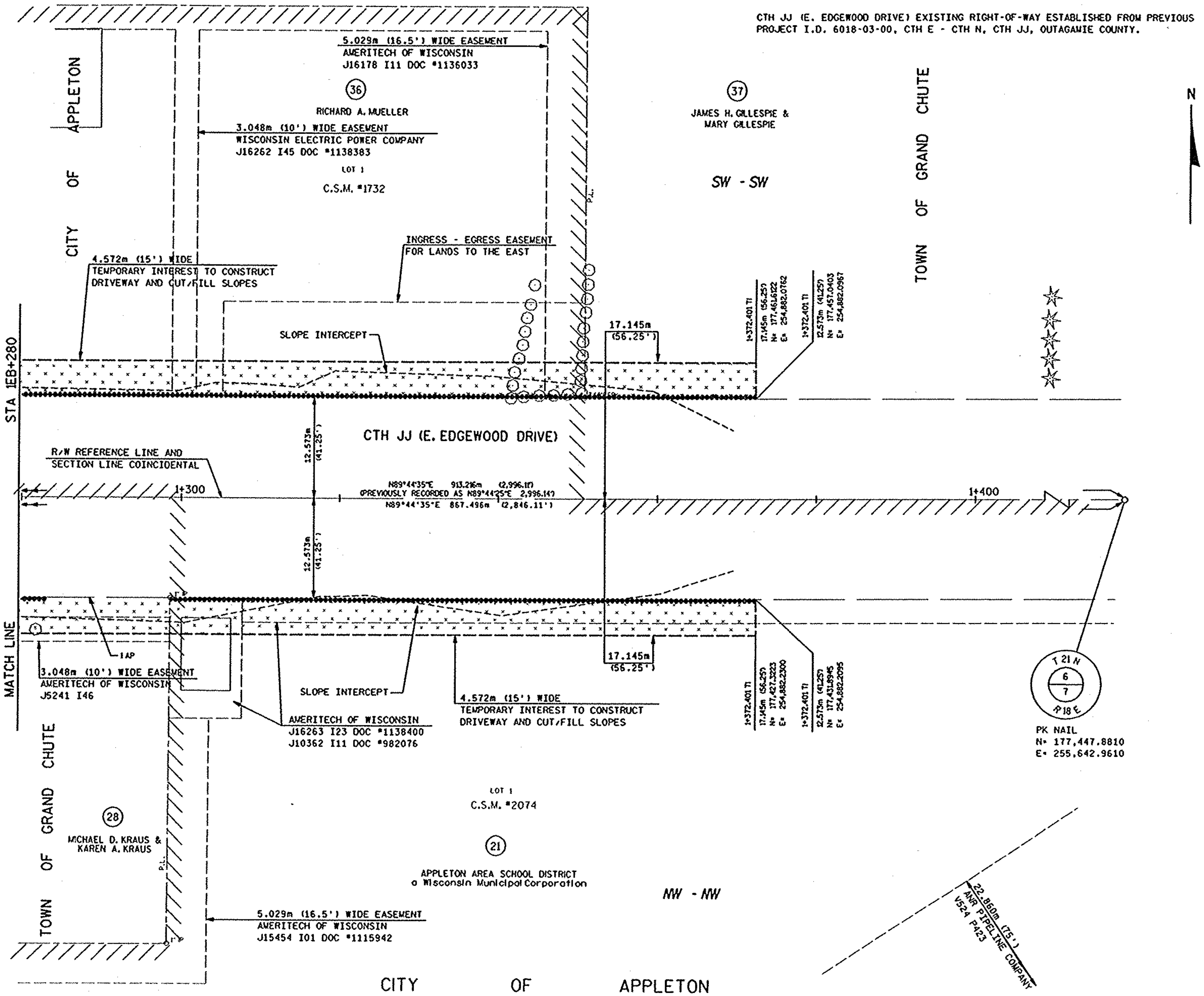
FILE NAME: E1339A98/SHEETS /PLAT /49840419 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

FILE NAME: E1339A98/SHEETS /PLAT /49840420 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62



REVISION DATE	DATE	SCALE, METERS	HWY: CTH JJ (E. EDGEWOOD DR)	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 11-01-99 N.C. 01-12-00	11-24-98	0 — 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.20 M
	GRID FACTOR				

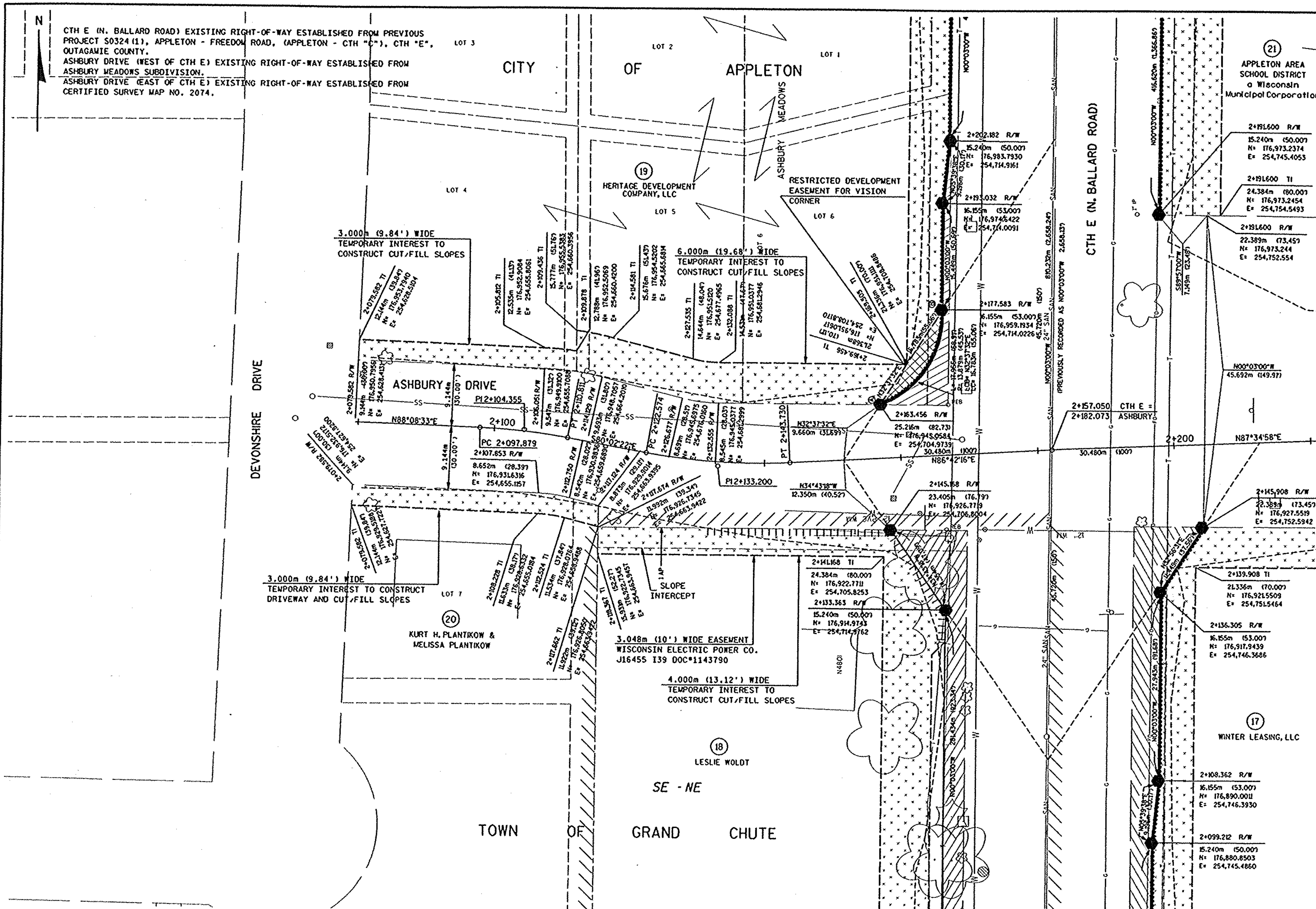
WisDOT: MSHT75



FILE NAME: E1339A98/SHEETS /PLAT /49840421 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62

REVISION DATE 04-23-99 N.C. 10-15-99 11-01-99 N.C. 01-12-00 N.C.	DATE 11-24-98 / GRID FACTOR	SCALE, METERS 0 25	HWY: CTH JJ (E. EDGEWOOD DR)	FEDERAL PROJECT NO: 4984-00-96	
			COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.21 M

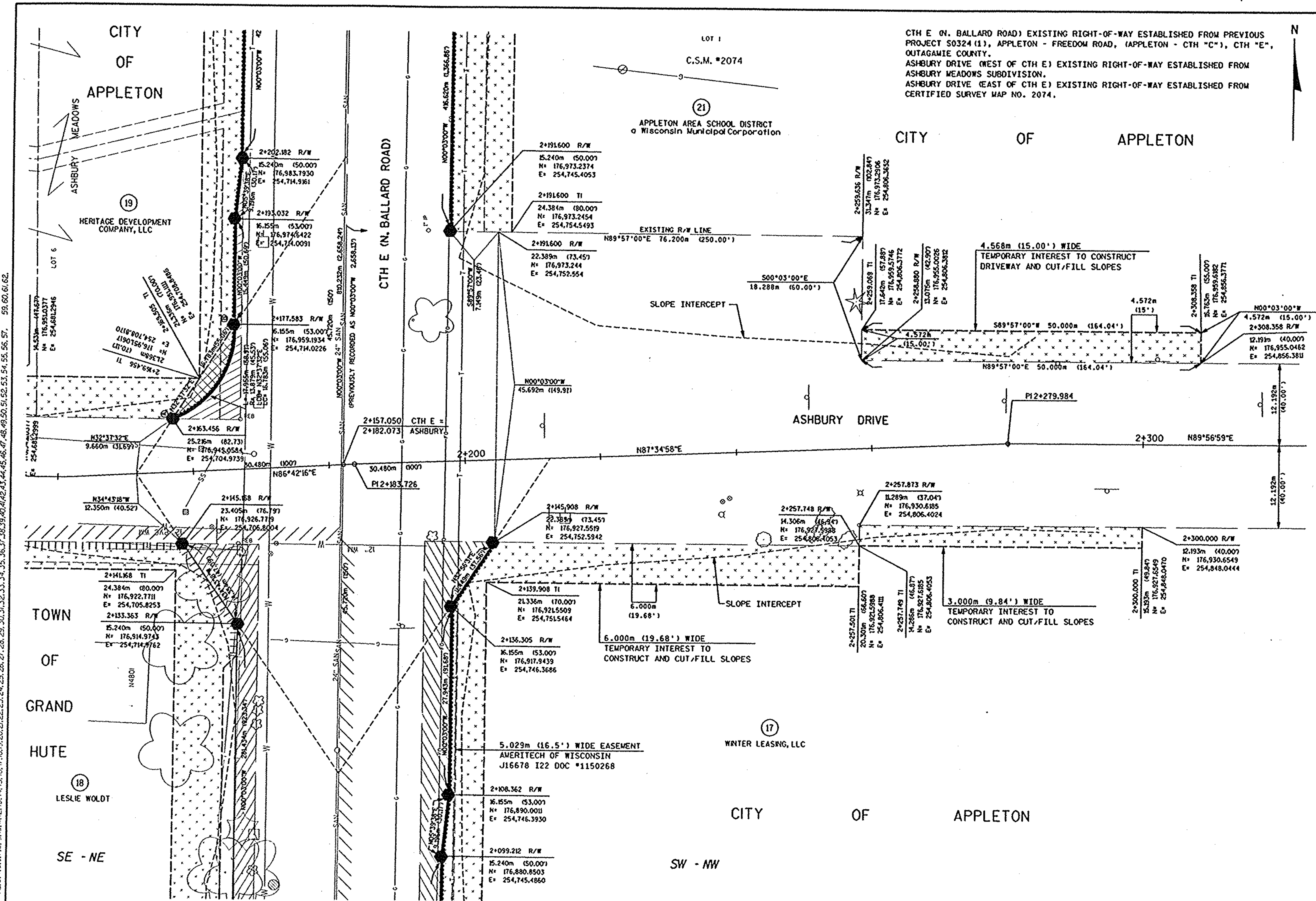
WisDOT: MSHT75



REVISION DATE	DATE	SCALE, METERS	HWY: ASHBURY DRIVE	FEDERAL PROJECT NO: 4984-00-96	
04-23-99 10-15-99 11-01-99 N.C. 01-12-00	11-24-98	0 25	COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.22 M
	GRID FACTOR				

FILE NAME: E1339A98/SHEETS /PLAT /49840422 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62.

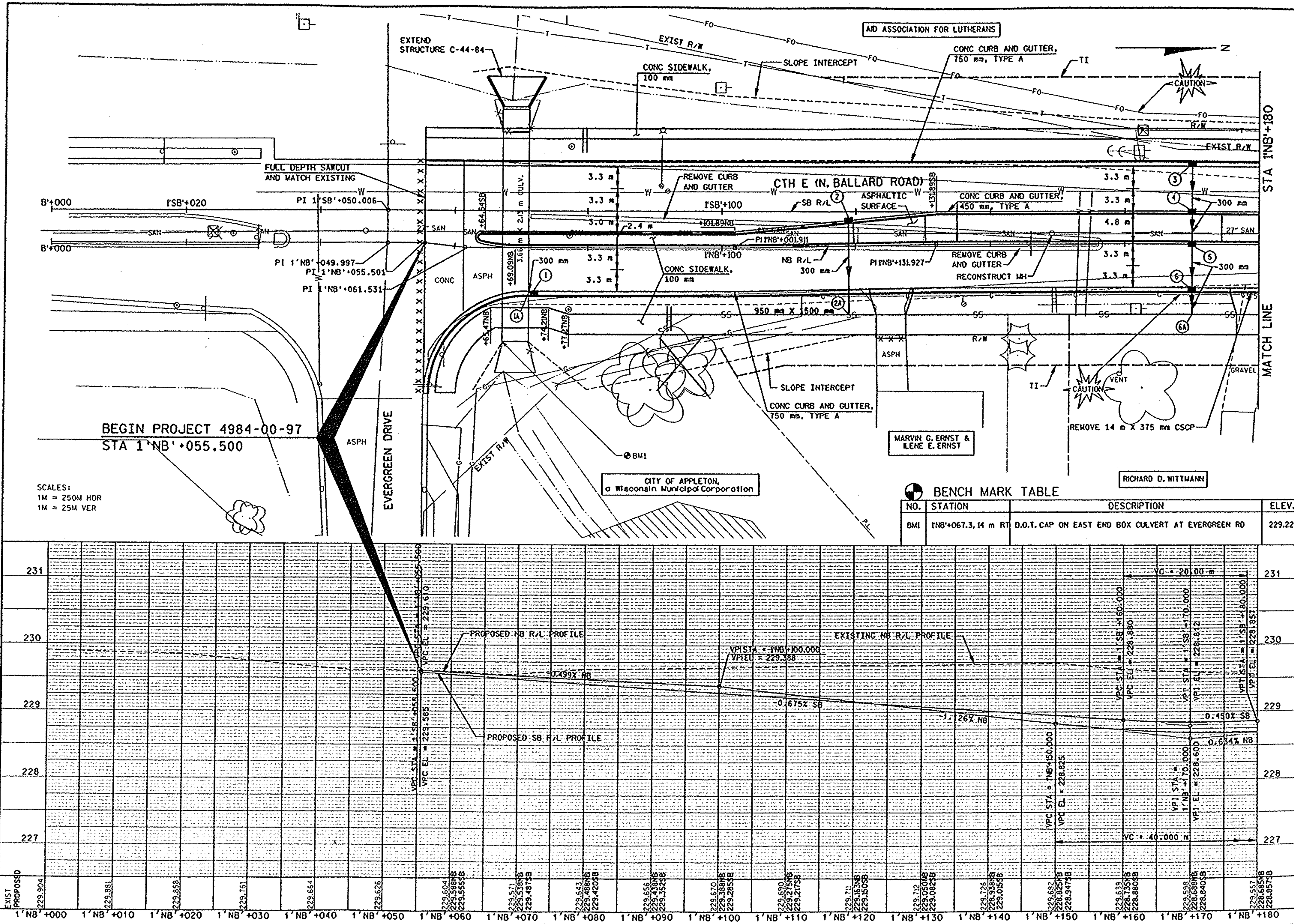
WisDOT: MSHT 76



FILE NAME: E1339A98/SHEETS /PLAT /49840423 .DGN TECH/ENGR: CRK/PTR PLOT DATE: 11/01/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 11/01/99.
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 59,60,61,62.

REVISION DATE 04-23-99, 10-15-99, 11-01-99 N.C., 01-12-00	DATE 11-24-98	SCALE, METERS 0 25	HWY: ASHBURY DRIVE	FEDERAL PROJECT NO: 4984-00-96	
	GRID FACTOR		COUNTY: OUTAGAMIE	STATE R/W PROJECT NO:	SHEET NO: 4.23 M

WISDOT: MSHT75



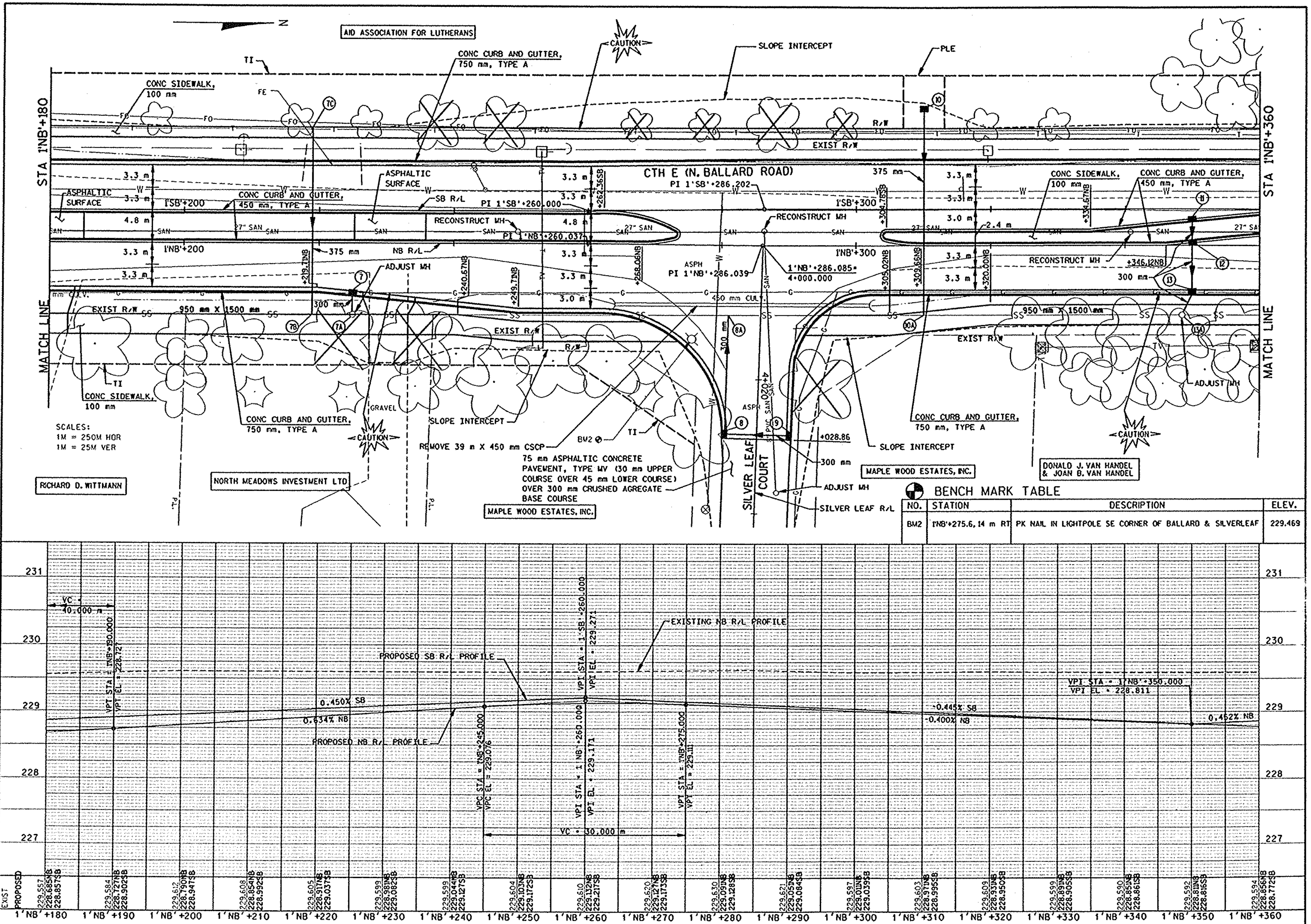
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM1	1'NB'+067.3, 14 m RT	D.O.T. CAP ON EAST END BOX CULVERT AT EVERGREEN RD	229.228

FILE NAME: E1335\498\SHEETS /PLAN /PP01 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/14/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3, 5,6,7,8, 10,11,12,13,14,15,16,17,18,19,20,21, 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

PLAN AND PROFILE - CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT4C



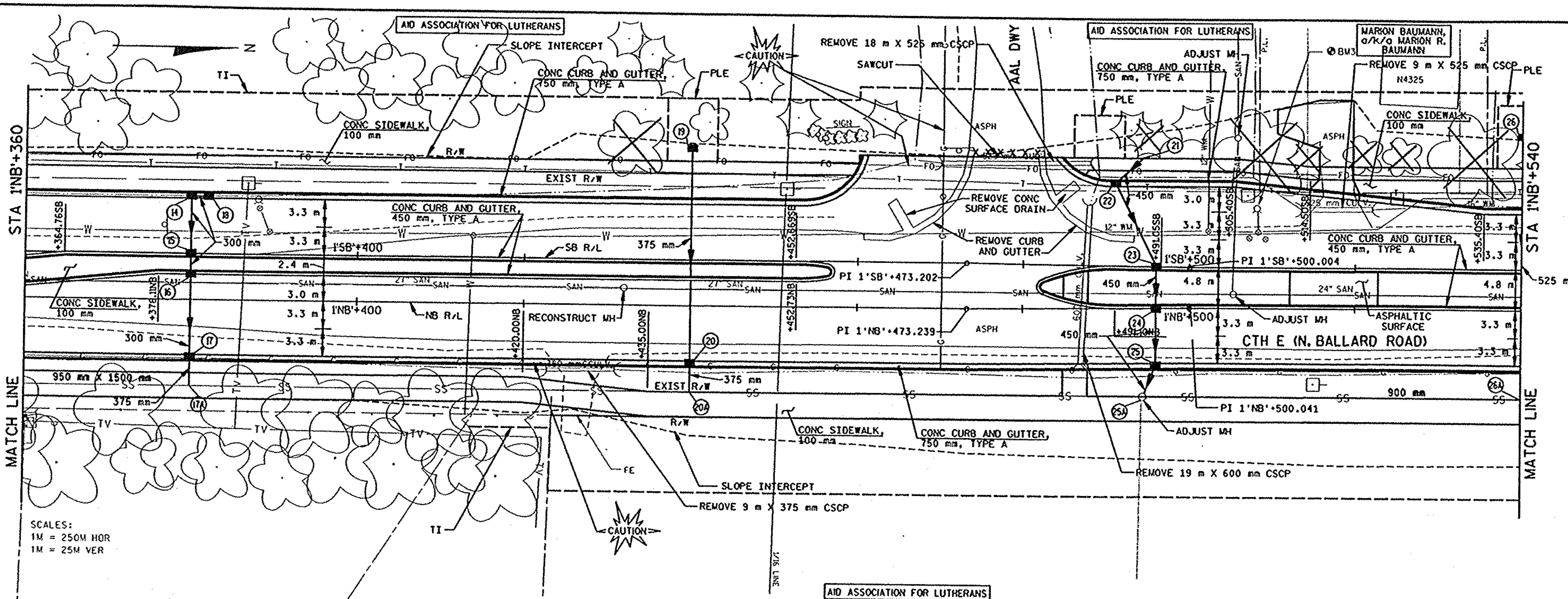
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM2	1'NB'+275.6, 14 m RT	PK NAIL IN LIGHTPOLE SE CORNER OF BALLARD & SILVERLEAF	229.469

PLAN AND PROFILE - CTH E (N. BALLARD RD) | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-97 | SHEET NO: . | M

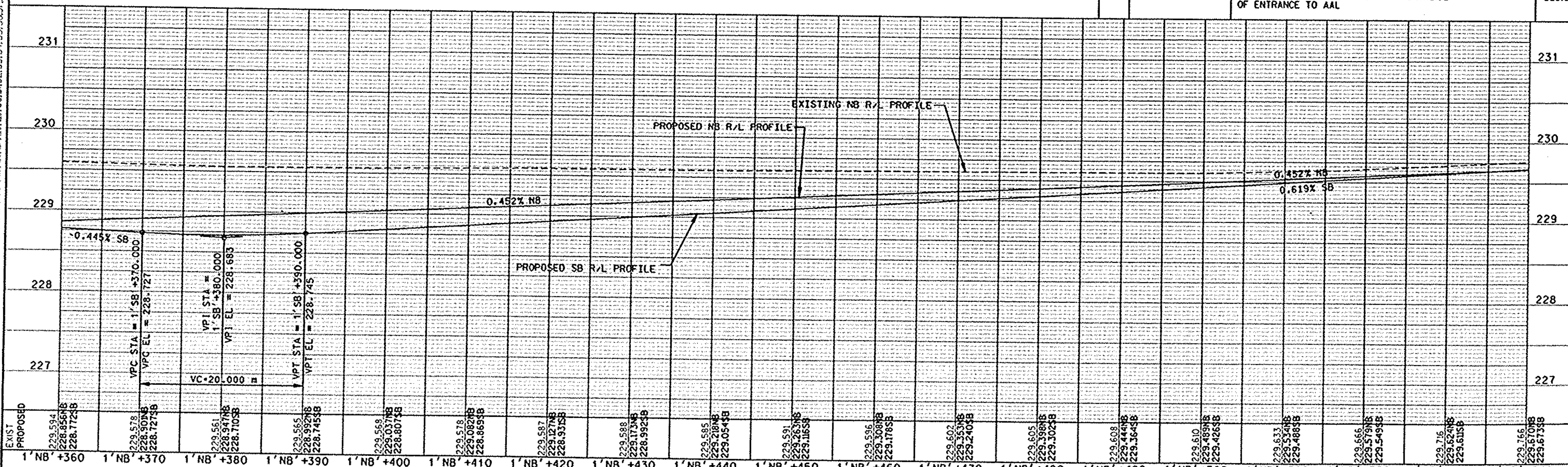
FILE NAME: E1339A98/SHEETS /PLAN /PP02 .DGN PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SOC PLOT DATE: 08/02/99 REV. DATE: / /
LEVELS ON - 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,42,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

WISDOT: MSHT40



BENCH MARK TABLE

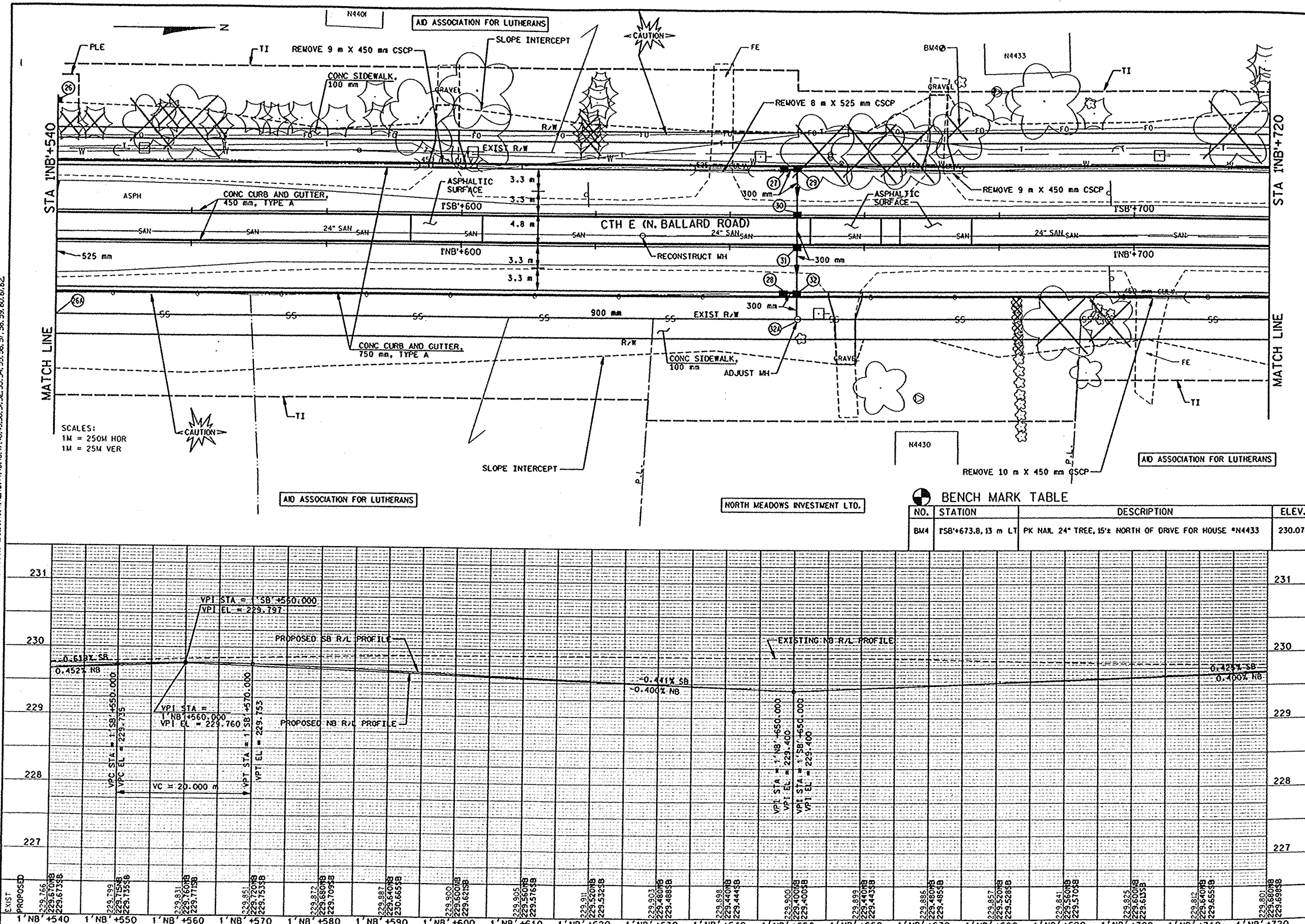
NO.	STATION	DESCRIPTION	ELEV.
BM3	1'SB'+508.1, 7 m LT	CHISELED '+' ON TOP OF HYDRANT NORTHSIDE OF ENTRANCE TO AAL	229.996



PLAN AND PROFILE - CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /PP03 .DGN PLOT DATE: 10/15/99 PLOT SCALE: ::
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDC REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON = 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

WISDOT: MSHT40



BENCH MARK TABLE

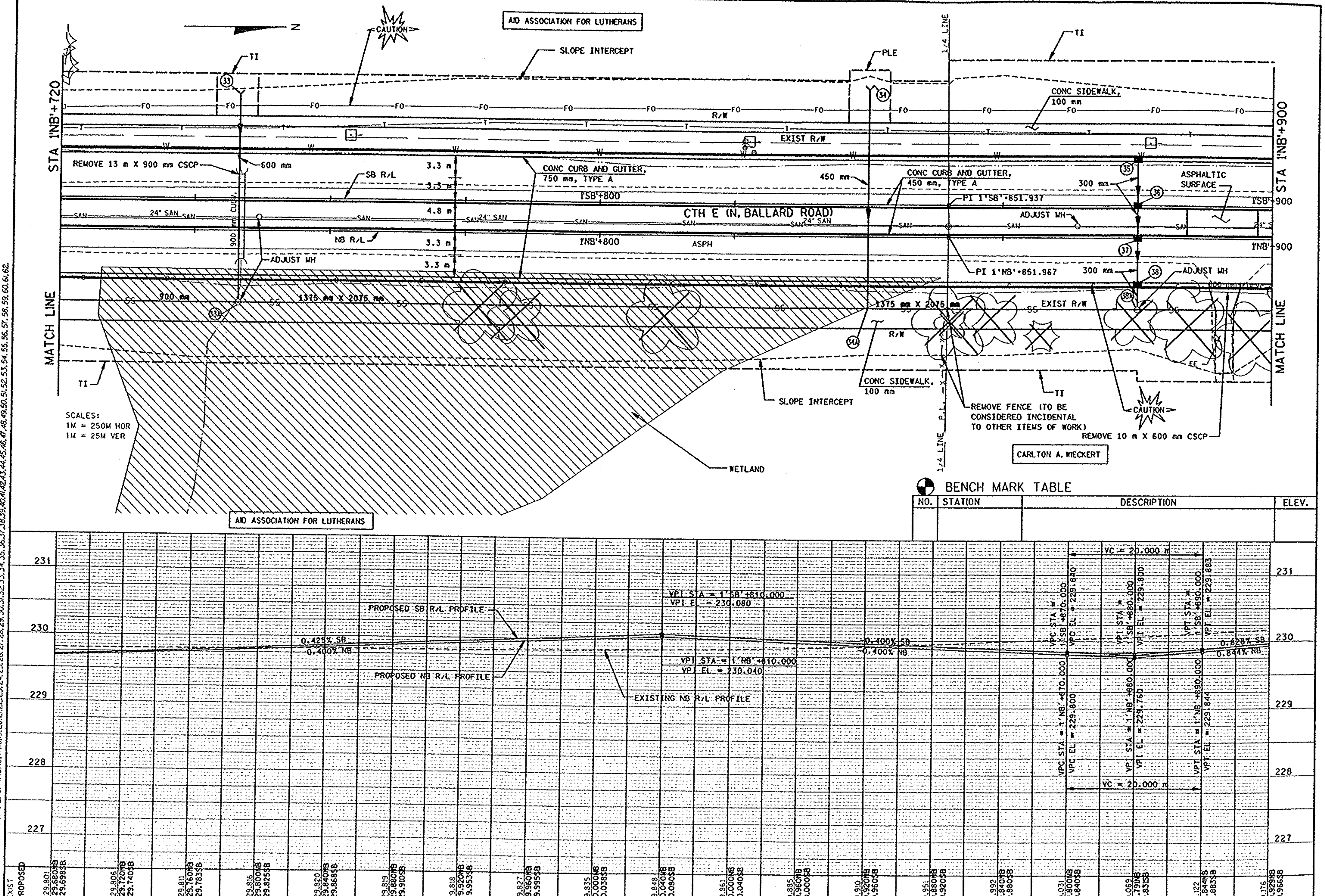
NO.	STATION	DESCRIPTION	ELEV.
BM4	1'SB'+673.8, 13 m LT	PK NAIL 24" TREE, 15'± NORTH OF DRIVE FOR HOUSE #N4433	230.078

PLAN AND PROFILE - CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339498/SHEETS /PLAN /PP04 .DGN PLOT DATE: 08/03/99 PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDC REV. DATE: / /
LEVELS ON • 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62 PLOT NAME: SEE FILE NAME

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PP05 .DGN TECH/ENGR: OPP/SOC PLOT DATE: 08/03/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62
PLOT NAME: SEE FILE NAME PLOT SCALE: 1:



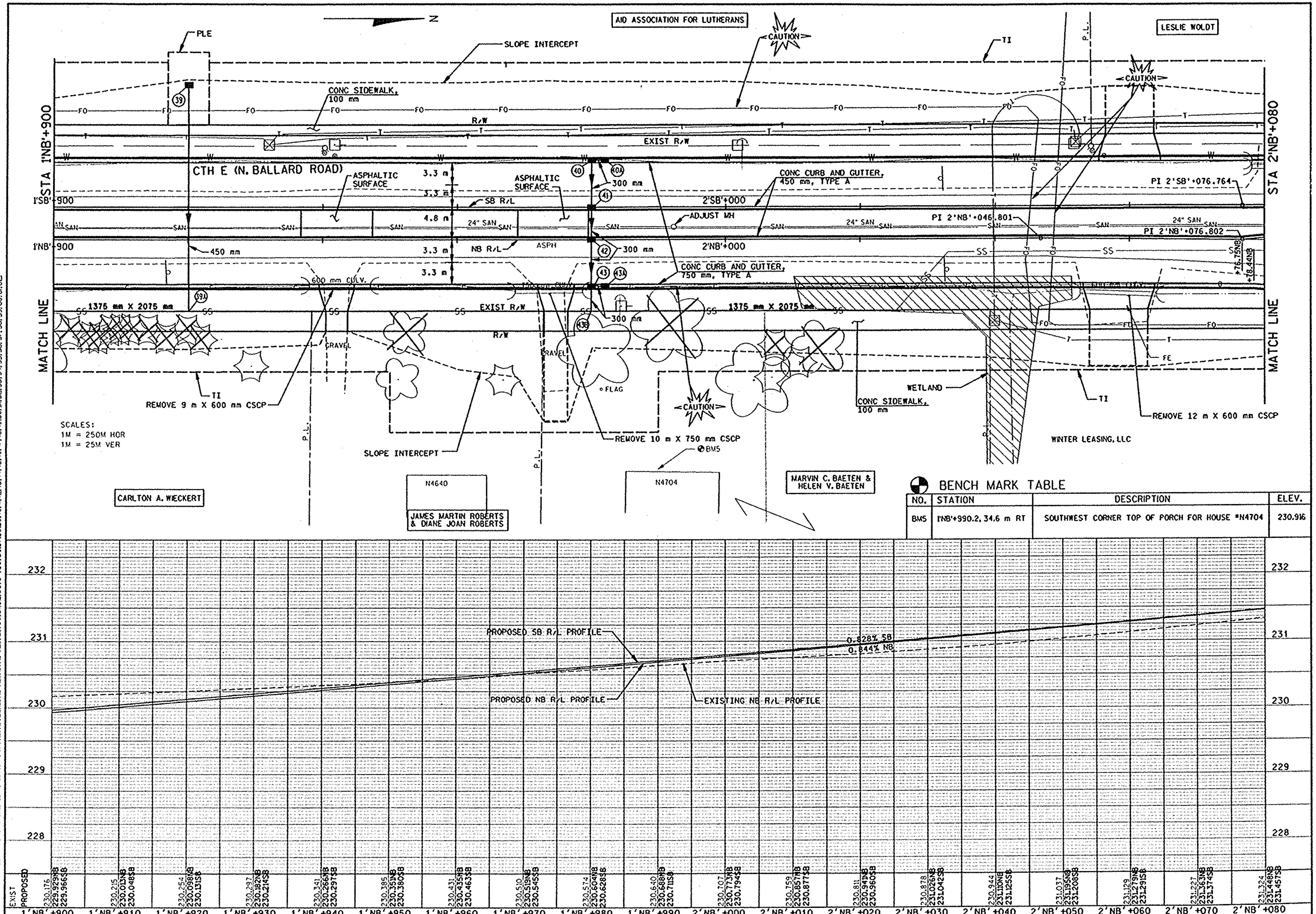
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.

Station	EXIST	PROPOSED NB	PROPOSED SB
1'NB'+720	229.801	229.680	229.698
1'NB'+730	229.806	229.720	229.740
1'NB'+740	229.811	229.760	229.783
1'NB'+750	229.816	229.800	229.825
1'NB'+760	229.820	229.840	229.868
1'NB'+770	229.819	229.880	229.910
1'NB'+780	229.818	229.920	229.953
1'NB'+790	229.827	229.960	229.995
1'NB'+800	229.835	230.000	230.038
1'NB'+810	229.848	230.040	230.080
1'NB'+820	229.861	230.000	230.040
1'NB'+830	229.885	229.960	230.000
1'NB'+840	229.910	229.920	229.960
1'NB'+850	229.951	229.880	229.920
1'NB'+860	229.992	229.840	229.880
1'NB'+870	230.031	229.800	229.840
1'NB'+880	230.069	229.791	229.831
1'NB'+890	230.122	229.844	229.883
1'NB'+900	230.176	229.929	229.966

PLAN AND PROFILE - CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: . M

FILE NAME: E1339A98/SHEETS /PLAN /PP06 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/15/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1,2,3, 5,6,7,8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

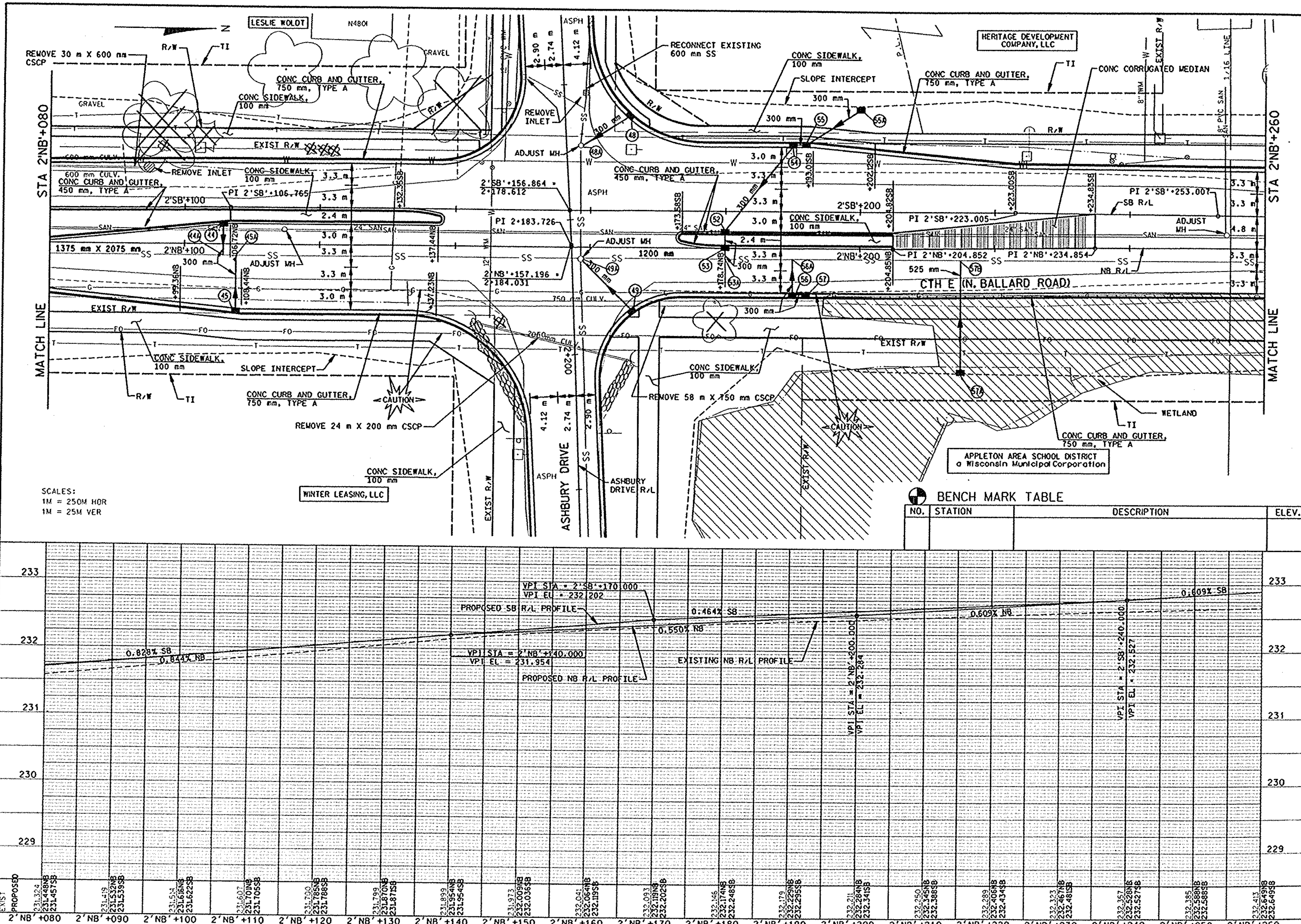


BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM5	1'NB'+990.2, 34.6 m RT	SOUTHWEST CORNER TOP OF PORCH FOR HOUSE #N4704	230.916

PLAN AND PROFILE - CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40



BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.

FILE NAME: E1339A98/SHEETS /PLAN /PP07 .DGN PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: OPP/SDC PLOT DATE: 08/03/99

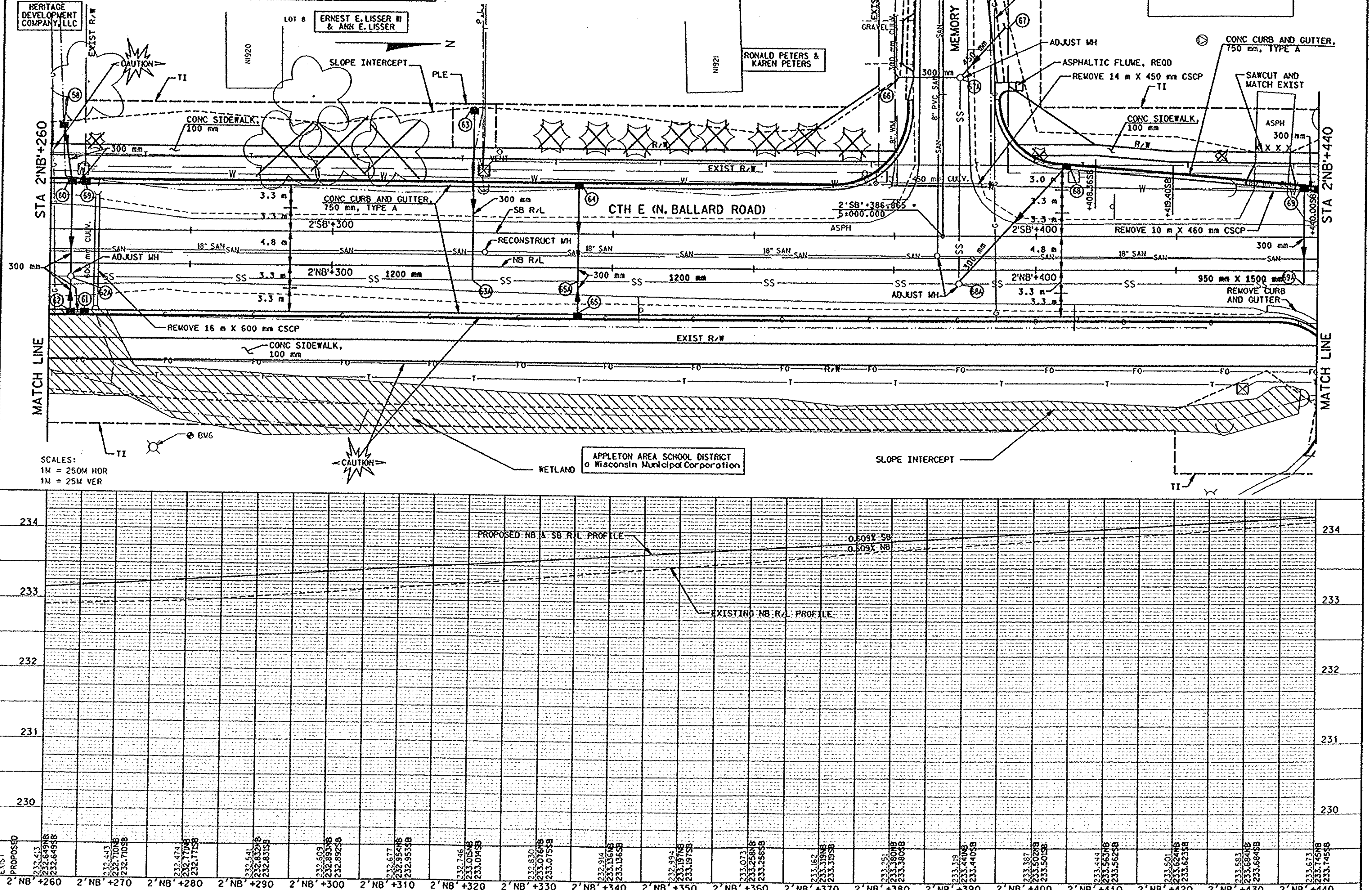
REV. DATE: / /

PLAN AND PROFILE - CTH E (N. BALLARD RD)	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

BENCH MARK TABLE

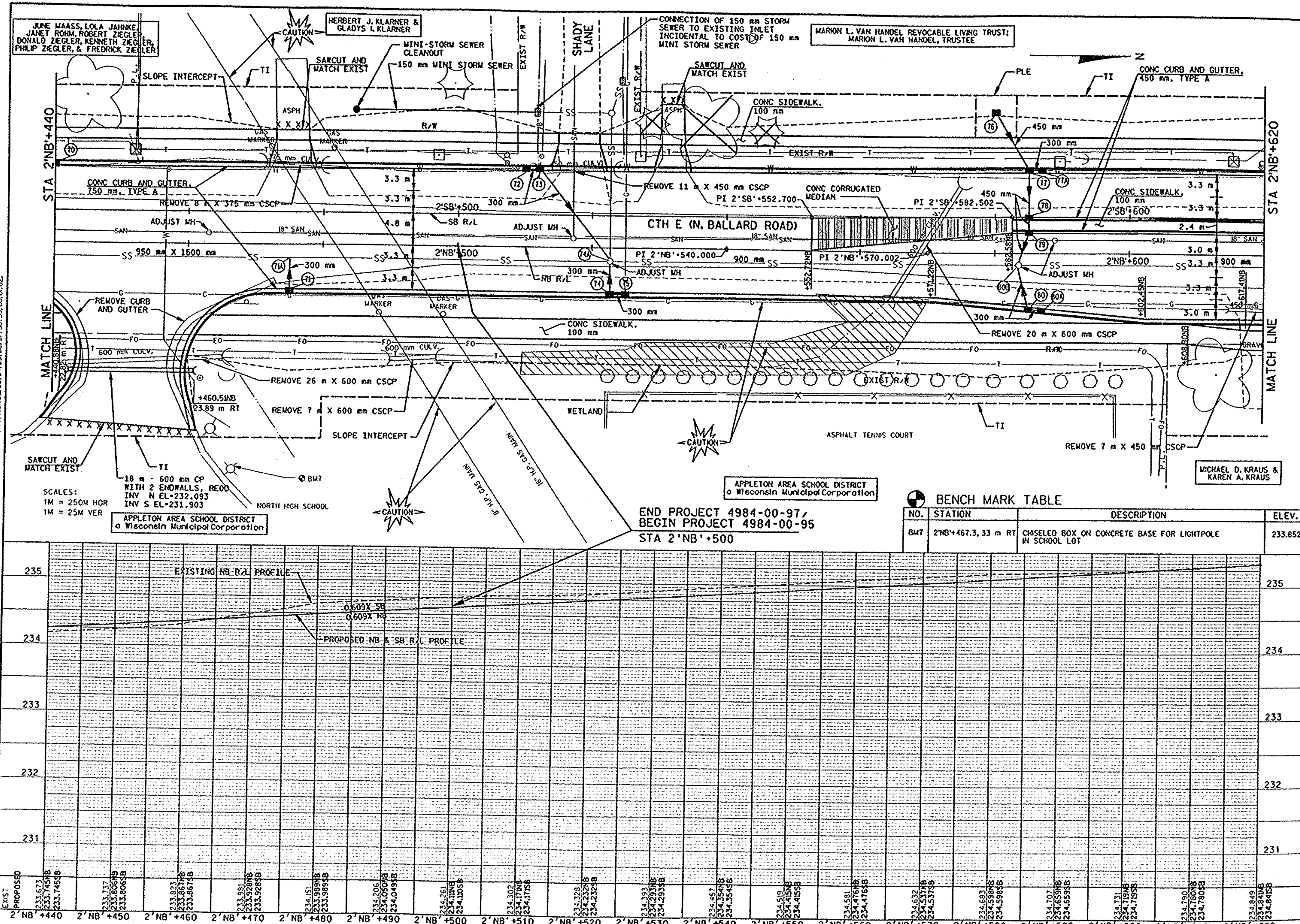
NO.	STATION	DESCRIPTION	ELEV.
BM6	2'NB'+274.5, 25 m RT	CHISELED BOX ON CONCRETE BASE FOR LIGHTPOLE IN SCHOOL LOT	233.376



PLAN AND PROFILE - CTH E (N. BALLARD RD) | 0 5 10 | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-97 | SHEET NO: . | M

FILE NAME: E1339A98/SHEETS /PLAN /PP08 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 08/03/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

WISDOT: MSHT49

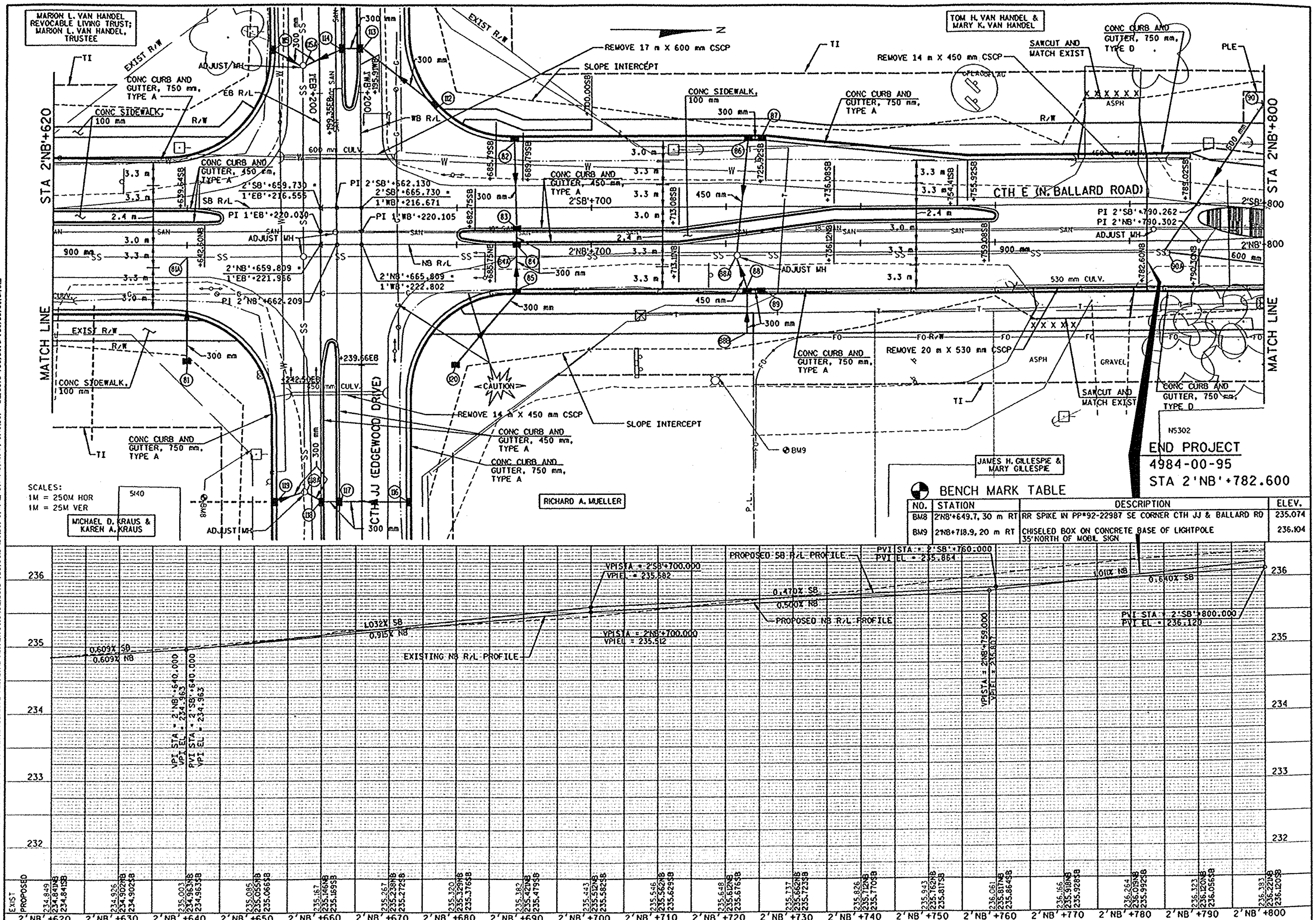


BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM7	2'NB'+467.3, 33 m RT	CHISELED BOX ON CONCRETE BASE FOR LIGHTPOLE IN SCHOOL LOT	233.852

PLAN AND PROFILE - CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97/95	SHEET NO: .	M

FILE NAME: E1339A98/SHEETS /PLAN /PP09 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 08/03/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON = 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62.



BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM8	2'NB'+649.7, 30 m RT	RR SPIKE IN PP#92-22987 SE CORNER CTH JJ & BALLARD RD	235.074
BM9	2'NB'+718.9, 20 m RT	CHISELED BOX ON CONCRETE BASE OF LIGHTPOLE 35' NORTH OF MOBIL SIGN	236.104

PLAN AND PROFILE - CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339498/SHEETS /PLAN /PP10 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 08/03/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

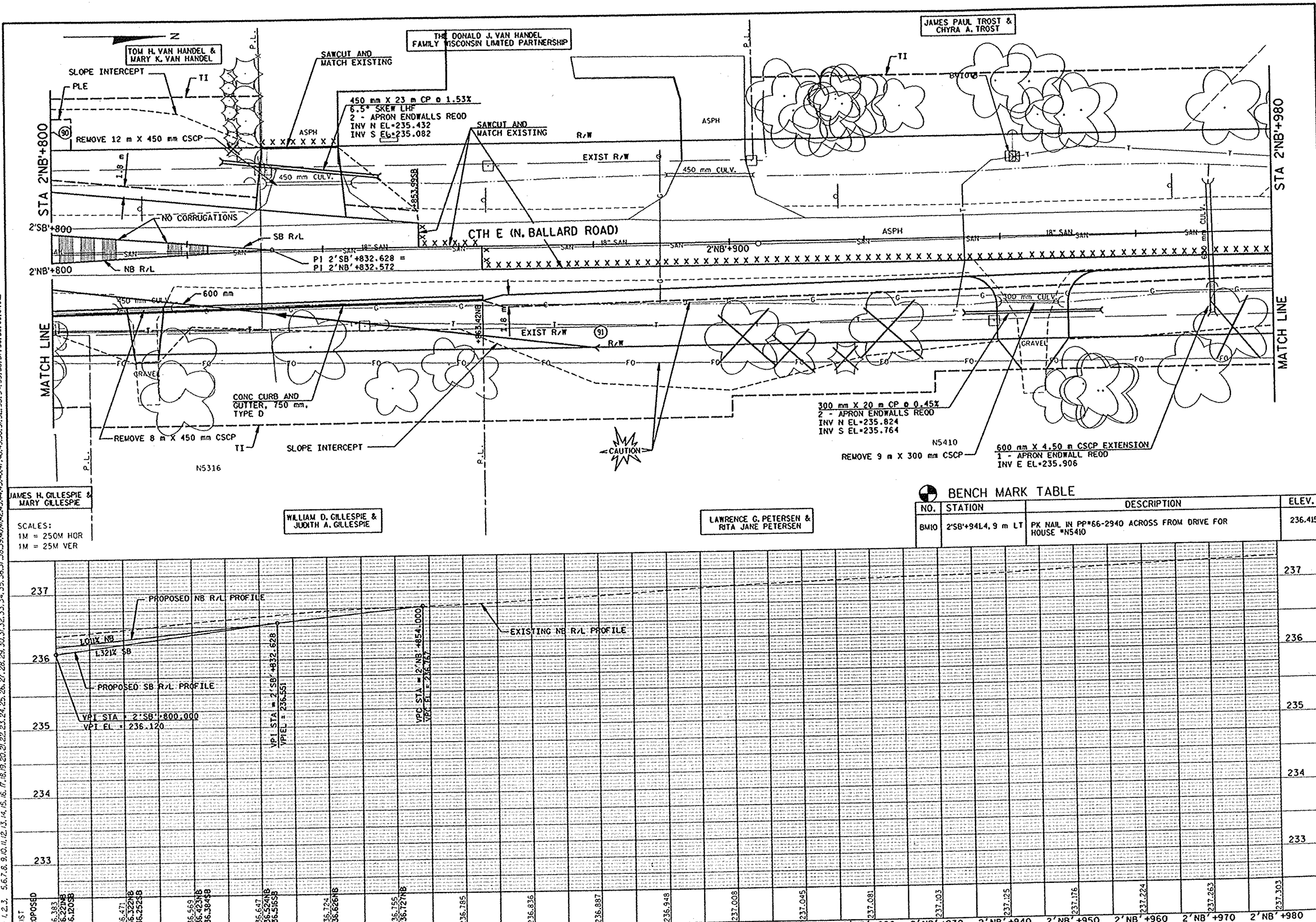
LEVELS ON: 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50, 52,53,54,55,56,57,58,59,60,61,62

WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PP11 .DGN PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDC PLOT DATE: 08/03/99

LEVELS ON = 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62 REV. DATE: / /



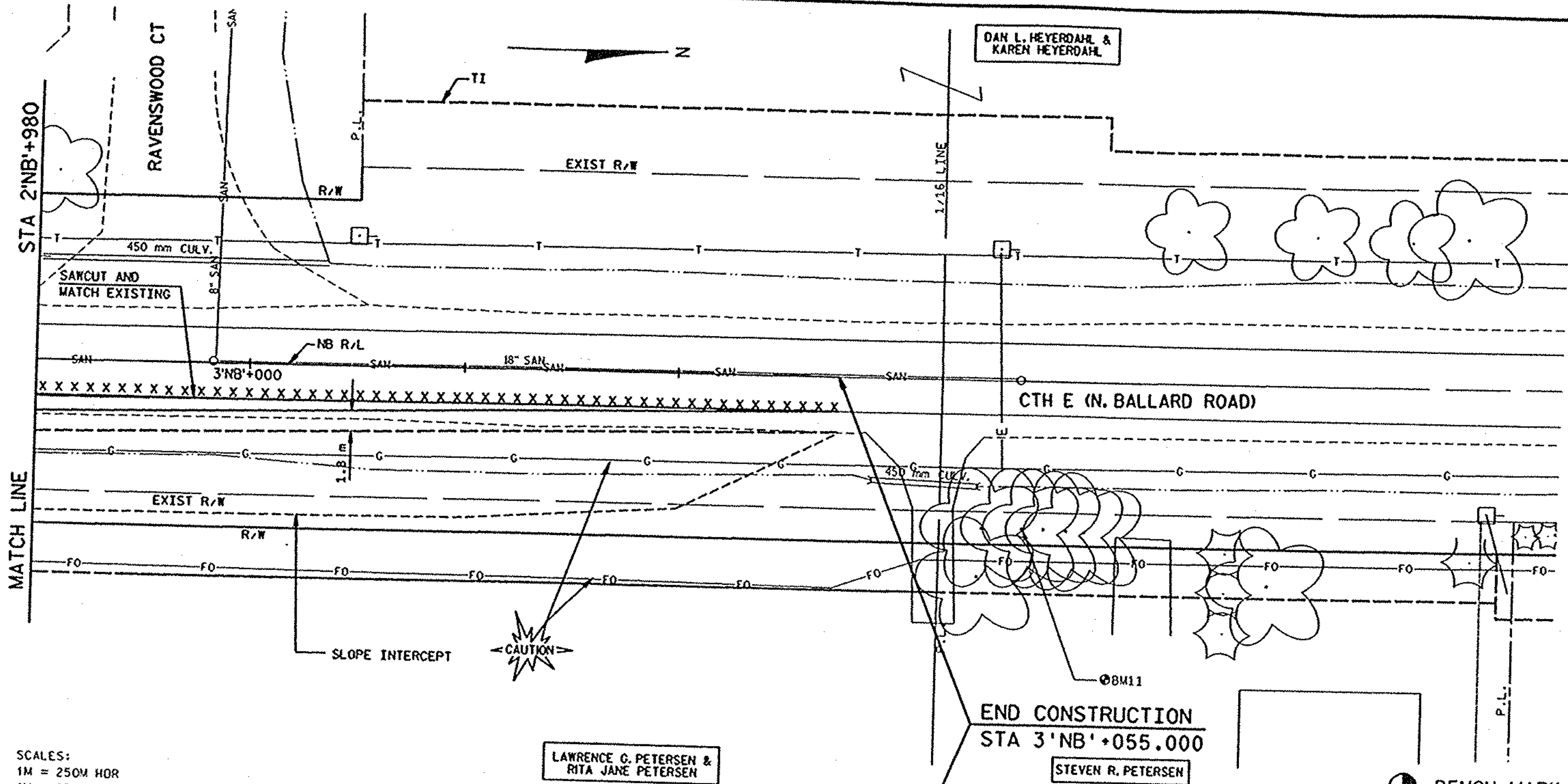
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM10	2'SB'+94L4, 9 m LT	PK NAIL IN PP#66-2940 ACROSS FROM DRIVE FOR HOUSE #N5410	236.415

PLAN AND PROFILE - CTH E (N. BALLARD RD)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: . M

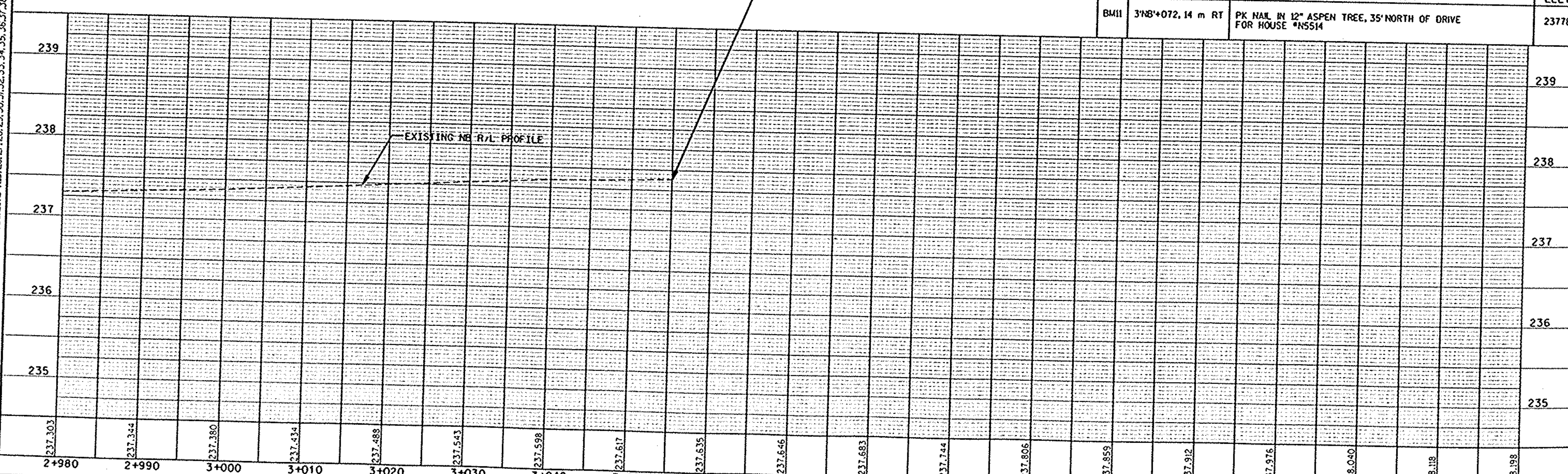
WisDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /PP12 .DGN PLOT DATE: 08/03/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDC REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1,2,3, 6,7,8, 9,10,11,12, 13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62



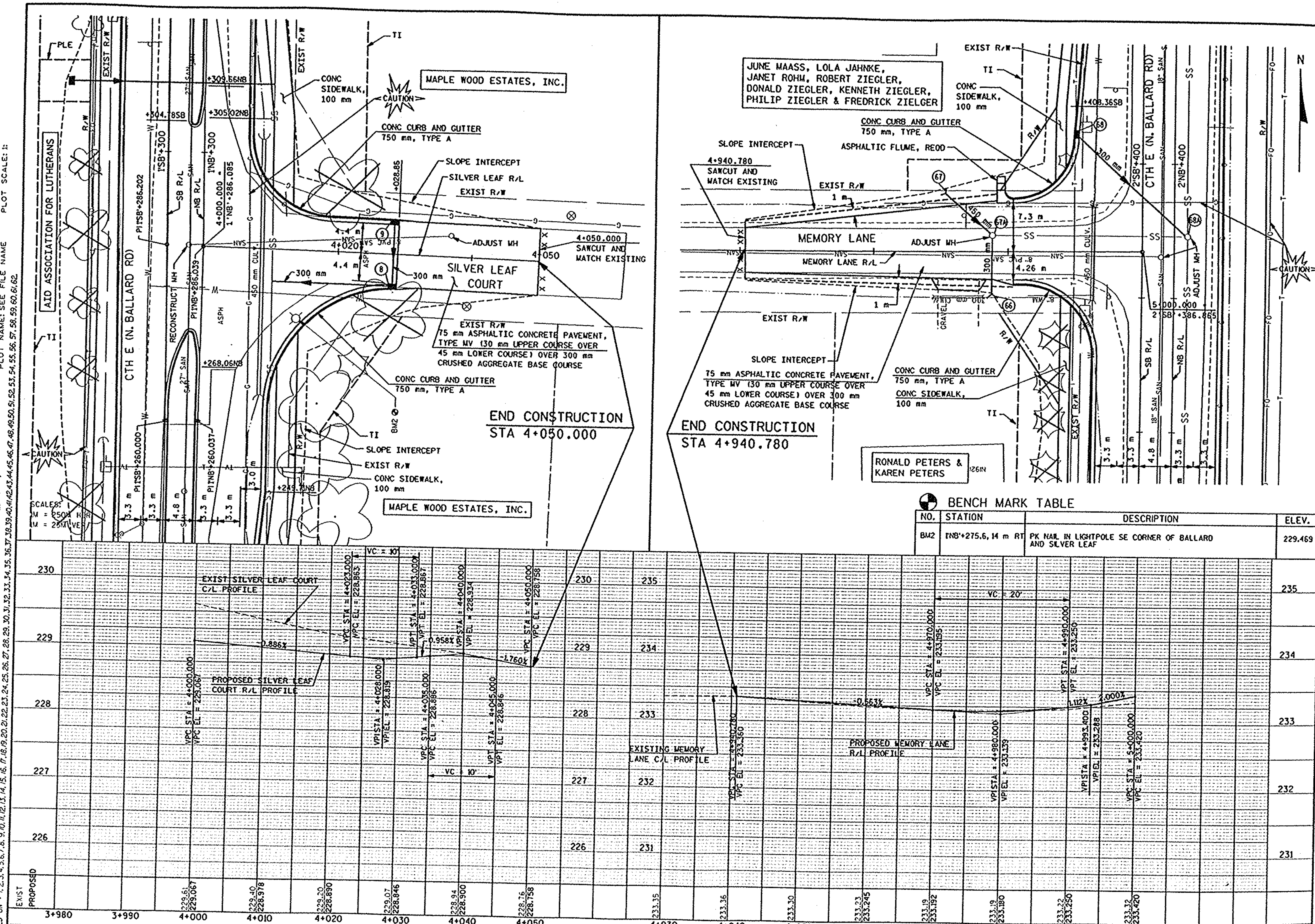
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM11	3'NB'+072, 14 m RT	PK NAIL IN 12" ASPEN TREE, 35' NORTH OF DRIVE FOR HOUSE #N5514	237781



PLAN AND PROFILE - CTH E (N. BALLARD RD) | 0 5 10 | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-95 | SHEET NO: . | M

WISDOT: MSHT40



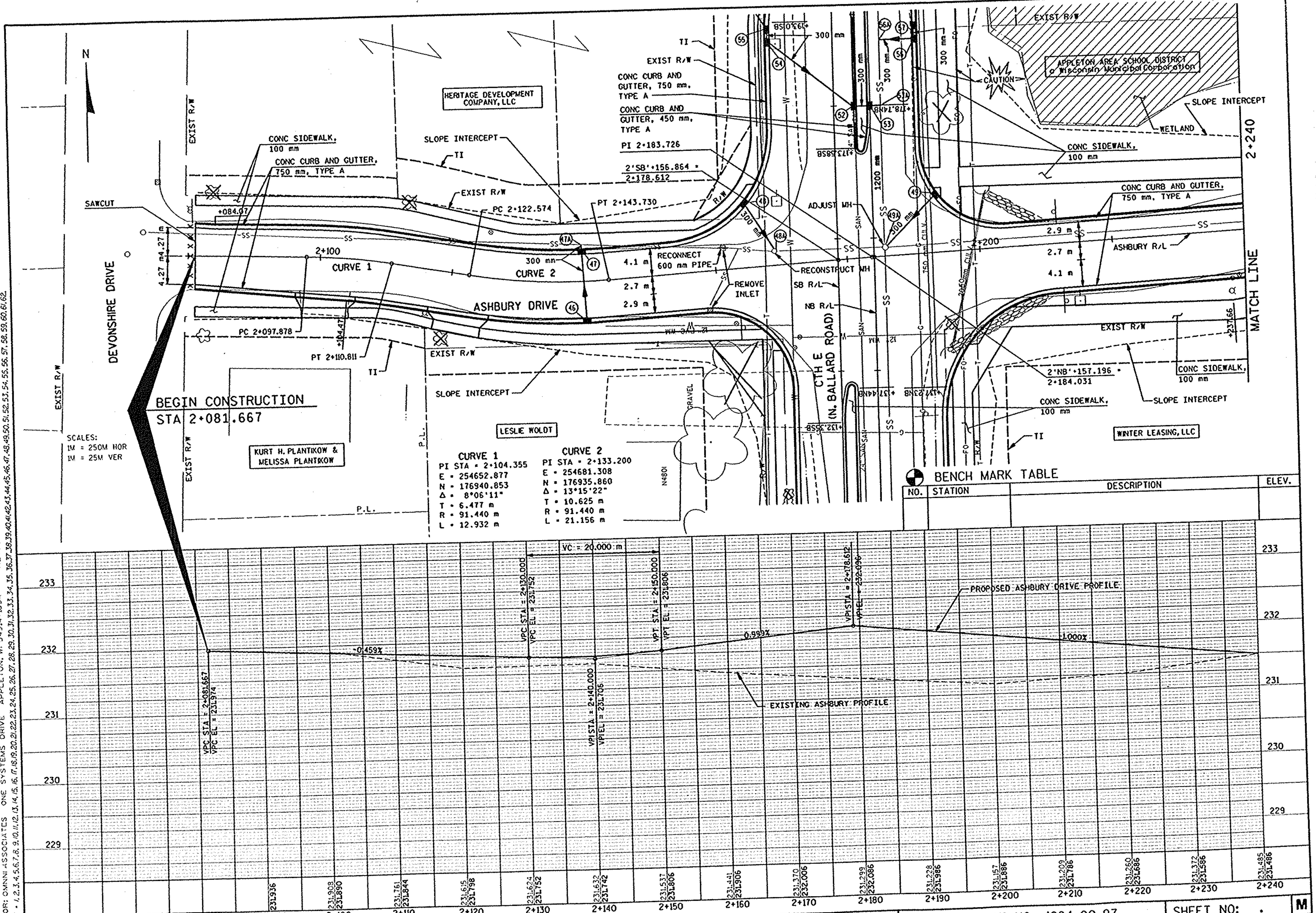
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM2	1NB'+275.6, 14 m RT	PK NAIL IN LIGHTPOLE SE CORNER OF BALLARD AND SILVER LEAF	229.469

PLAN AND PROFILE - CTH E (N. BALLARD RD) | HWY: CTH E | COUNTY: OUTAGAMIE | STATE PROJECT NO: 4984-00-97 | SHEET NO: . | M

FILE NAME: EI339A98/SHEETS /PLAN /SILPP01.DGN PLOT DATE: 08/04/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDC REV. DATE: / /

WISDOT: MSHT40



NO.	STATION	DESCRIPTION	ELEV.

BENCH MARK TABLE

PLAN AND PROFILE - ASHBURY DRIVE

HWY: CTH E

COUNTY: OUTAGAMIE

STATE PROJECT NO: 4984-00-97

SHEET NO: .

M

WISDOT: MSHT40

FILE NAME: E1339A98/SHEETS /PLAN /ASHPP01.DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/15/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

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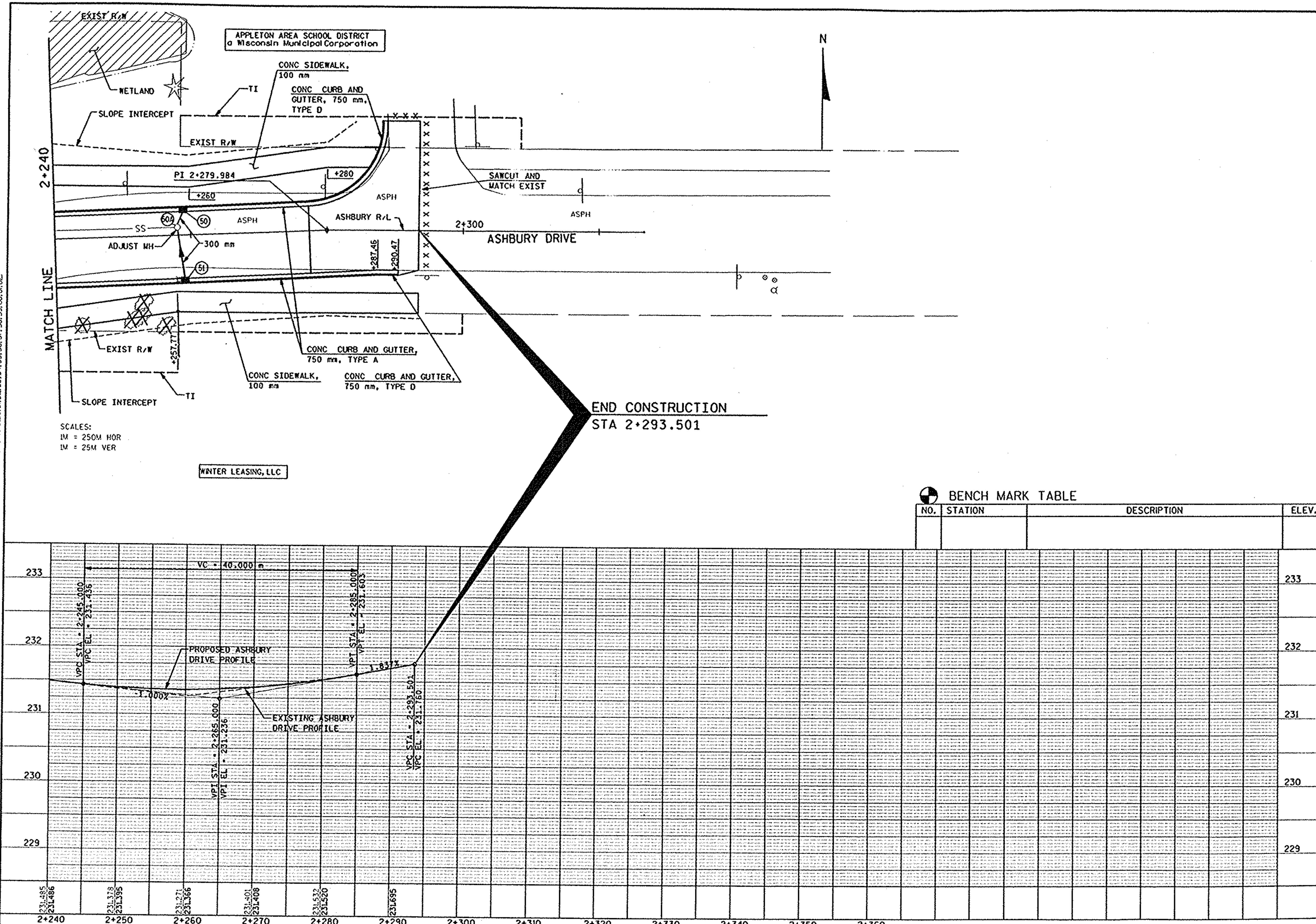


BENCH MARK TABLE

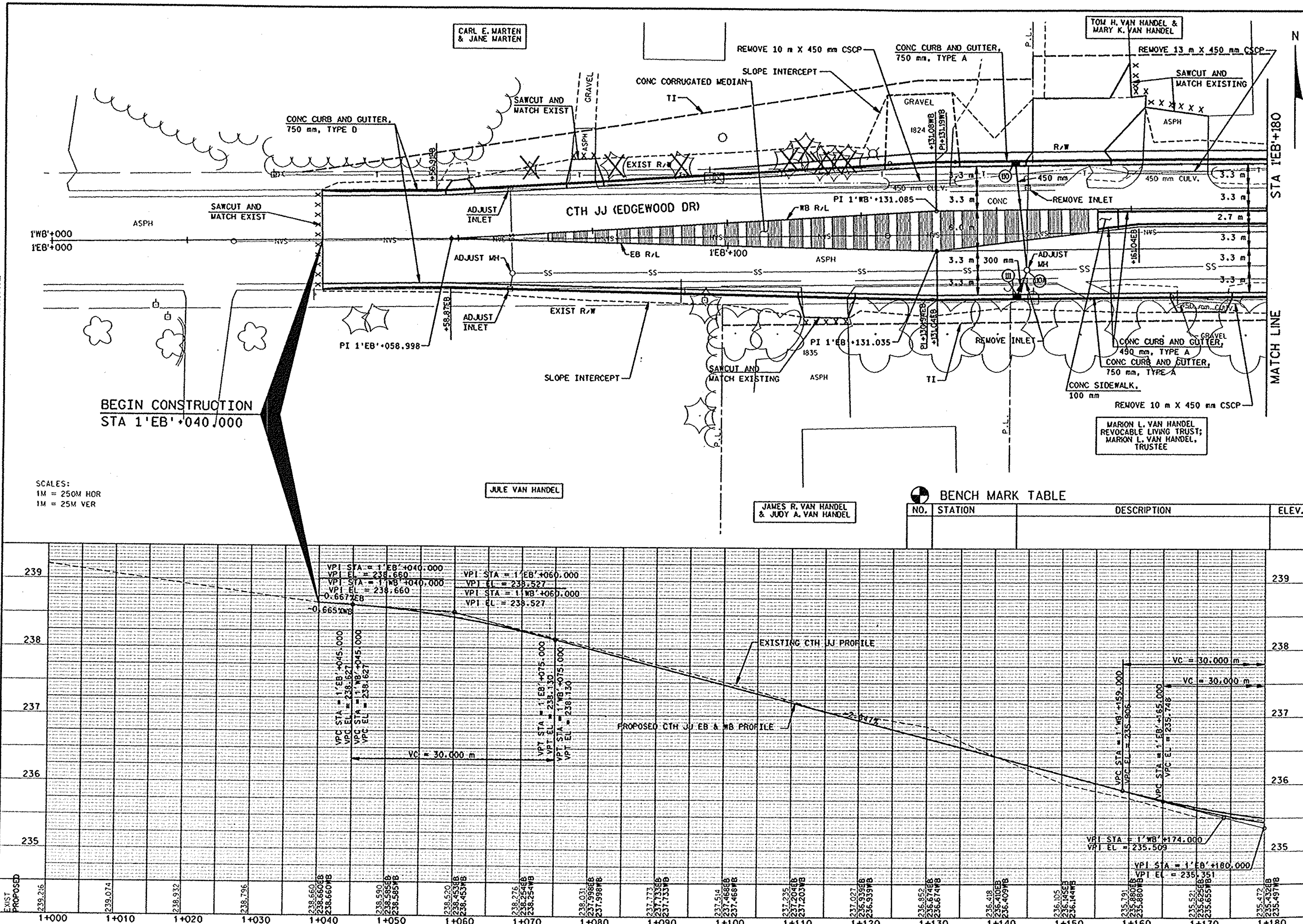
NO.	STATION	DESCRIPTION	ELEV.

FILE NAME: E1339498/SHEETS /PLAN /ASHPP02 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/14/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

PLAN AND PROFILE - ASHBURY DRIVE	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M



BENCH MARK TABLE

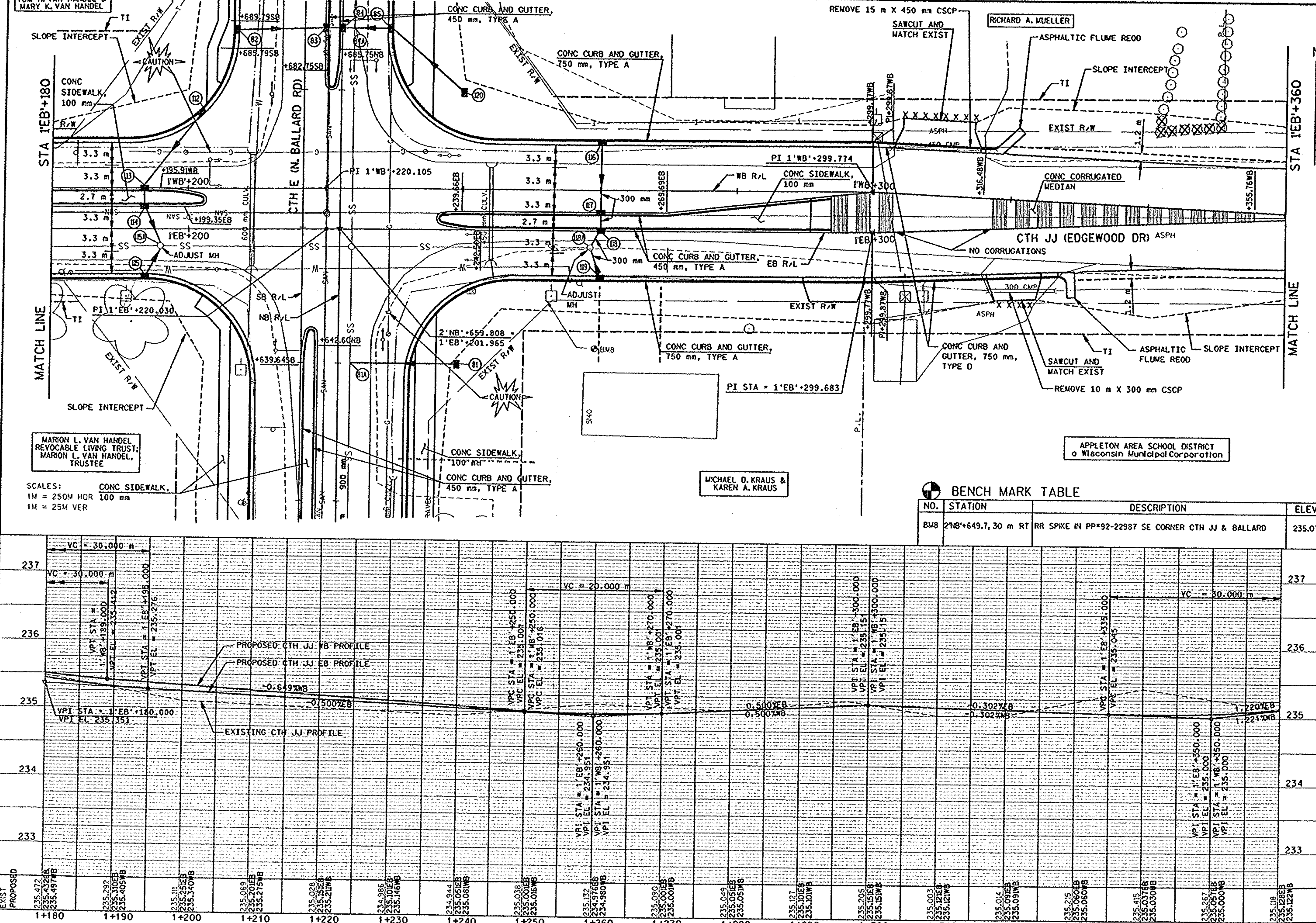
NO.	STATION	DESCRIPTION	ELEV.

FILE NAME: E1339A98/SHEETS /PLAN /JJPP01.DGN TECH/ENGR: DPP/SDC PLOT DATE: 08/04/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

PLAN AND PROFILE - CTH JJ (EDGEWOOD DRIVE)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40



BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM8	2'NB'+649.7, 30 m RT	RR SPIKE IN PP#92-22987 SE CORNER CTH JJ & BALLARD	235.074

PLAN AND PROFILE - CTH JJ (EDGEWOOD DRIVE)

HWY: CTH E

COUNTY: OUTAGAMIE

STATE PROJECT NO: 4984-00-95

SHEET NO: .

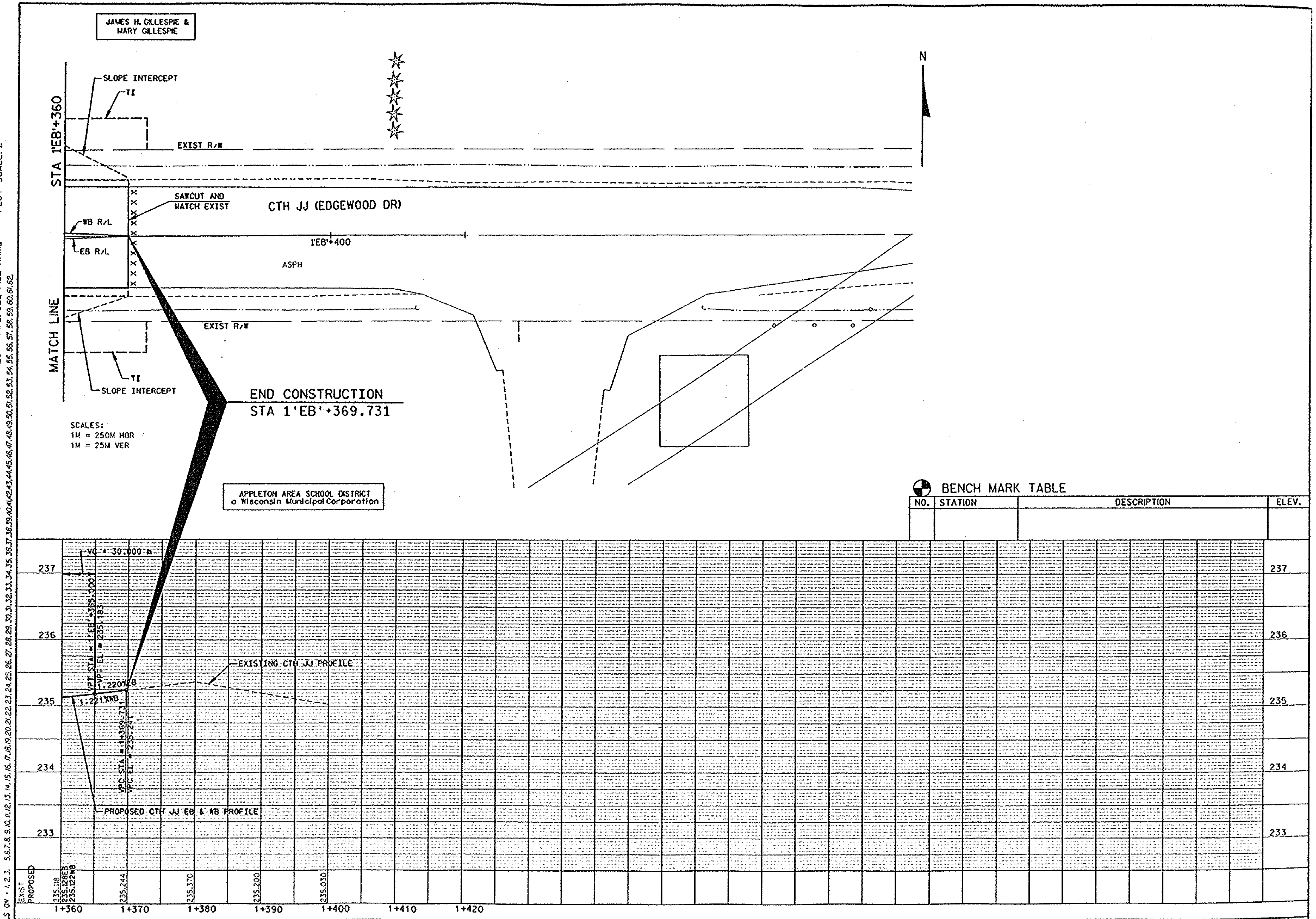
M

FILE NAME: E1339A98/SHEETS /PLAN /JJPP02 .DGN PLOT DATE: 10/15/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: DPP/SDG REV. DATE: / /

LEVELS ON = 1,2,3, 5,6,7,8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62 PLOT NAME: SEE FILE NAME

WisDOT: MSHT40



BENCH MARK TABLE

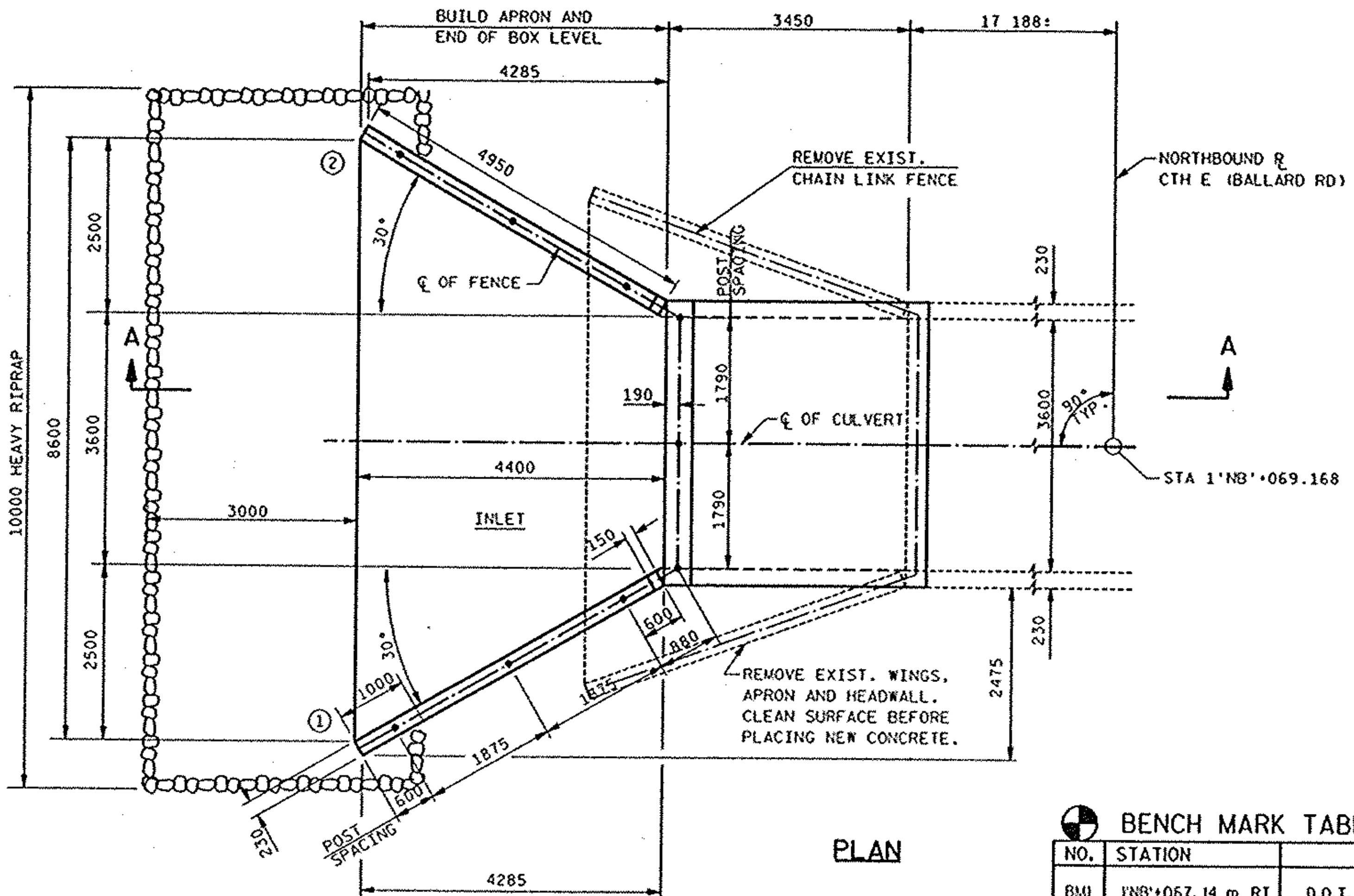
NO.	STATION	DESCRIPTION	ELEV.

PLAN AND PROFILE - CTH JJ (EDGEWOOD DRIVE)	0 5 10	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

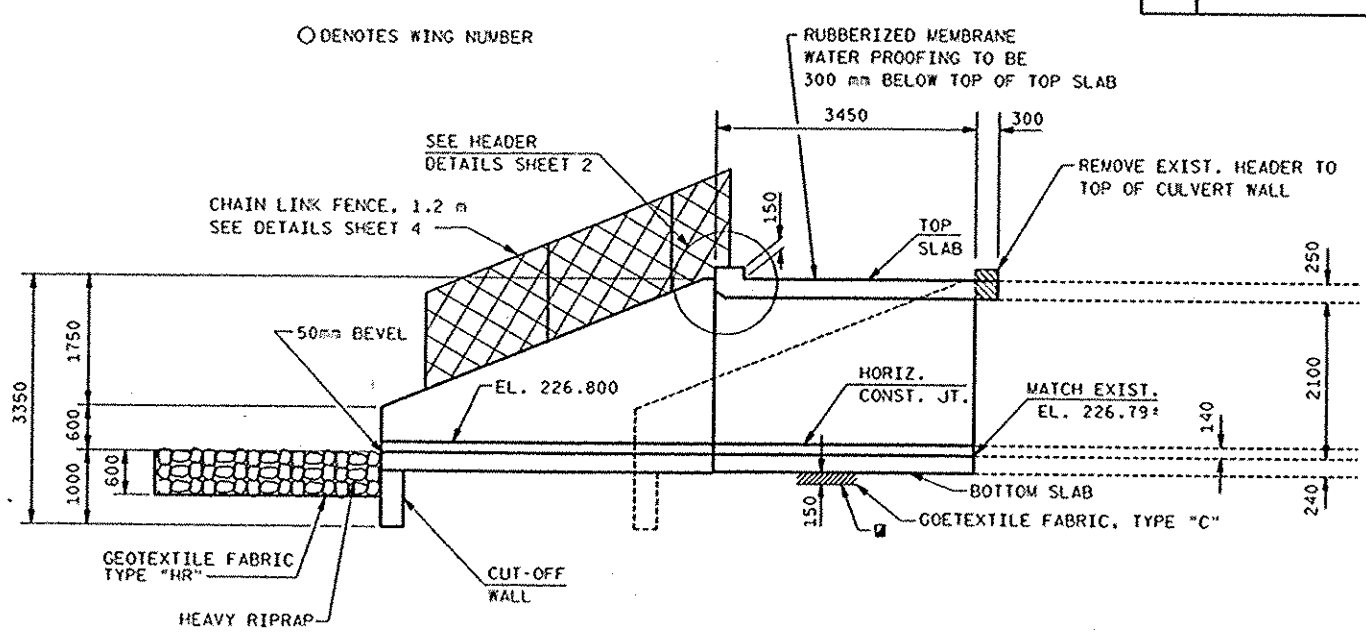
FILE NAME: E1339A98/SHEETS /PLAN /JJPP03 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 05/14/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / . / PLOT NAME: SEE FILE NAME
LEVELS ON = 1,2,3, 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

WisDOT: MSHT40

STATE PROJECT NUMBER	SHEET NO.
4984-00-97	



○ DENOTES WING NUMBER



SECTION A

▪ STRUCTURE BACKFILL UNDER BOX & APRON. COST INCIDENTAL TO EXCAVATION FOR STRUCTURES.

BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
BM1	1NB'+067.14 m RT	D.O.T. CAP ON EAST END OF BOX CULVERT AT EVERGREEN ROAD	229.228

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL SHALL BE EMBEDDED 50mm CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES SHALL BE THE EXISTING GROUNDLINE.

ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TO THE ELEVATION AND SECTION EXISTING PRIOR TO EXCAVATION WITHIN THE LENGTH OF THE BOX. COST INCIDENTAL TO EXCAVATION FOR STRUCTURES.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

ALL DIMENSIONS ARE IN MILLIMETERS

GEOTEXTILE FABRIC, TYPE 'C' IS TO BE PLACED IN BOTTOM OF EXCAVATION UNDER BARREL & APRONS. EXTEND 600mm OUTSIDE LIMITS OF CULVERT.

AT AREAS OF NEW TO EXISTING CONCRETE CONTACT, ROUGHEN SURFACE OF EXISTING CONCRETE 6 mm DEEP MINIMUM AND CLEAN SURFACE BEFORE PLACING NEW CONCRETE.

DESIGN DATA

LIVE LOAD: MS18

EARTH LOAD: DESIGNED FOR 500mm OF FILL

STRENGTH DESIGN METHOD:

CONCRETE MASONRY ———— f'_c = 24 MPa

HIGH STRENGTH BAR STEEL REINFORCEMENT — f_y = 420 MPa

TRAFFIC VOLUME

C.T.H. 'E'

ADT = 20,750 (2020)

RDS = 65 kph

HYDRAULIC DATA

FROM ORIGINAL STRUCTURE PLANS

Q_{100} ———— 21.1 m^3/s

VELOCITY ———— 3.1 m/s

HIGH WATER ———— EL. 229.4

DRAINAGE AREA ———— 5.18 sq. Km

OVERTOPPING RDWY ———— N.A.

BRIDGE OFFICE CONTACT

GERRY ANDERSON (608) 266-8488

LIST OF DRAWINGS

1. GENERAL PLAN
2. BARREL DETAILS
3. APRON AND WING DETAILS
4. FENCE DETAILS

TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	TOTAL
REMOVING OLD CULVERT, STA. 1'NB'+069	L.S.	1
EXCAVATION FOR STRUCTURES,CULVERTS C-44-84	L.S.	1
CONCRETE MASONRY,CULVERTS	m^3	23
HIGH STRENGTH BAR STEEL REINFORCEMENT,CULVERTS	kg	1 465
GEOTEXTILE FABRIC,TYPE 'C'	m^2	56
CONCRETE MASONRY ANCHORS, TYPE L, NO. 15M BARS	EACH	41
CHAIN LINK FENCE, 1.2 m	m	13
HEAVY RIPRAP	m^3	20
GEOTEXTILE FABRIC, TYPE HR	m^2	44
RUBBERIZED MEMBRANE WATERPROOFING	m^2	20
NON-BID ITEMS		
FILLER	SIZE	19 mm

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

STRUCTURE C-44-84

C.T.H. "E" OVER APPLE CREEK TRIB.

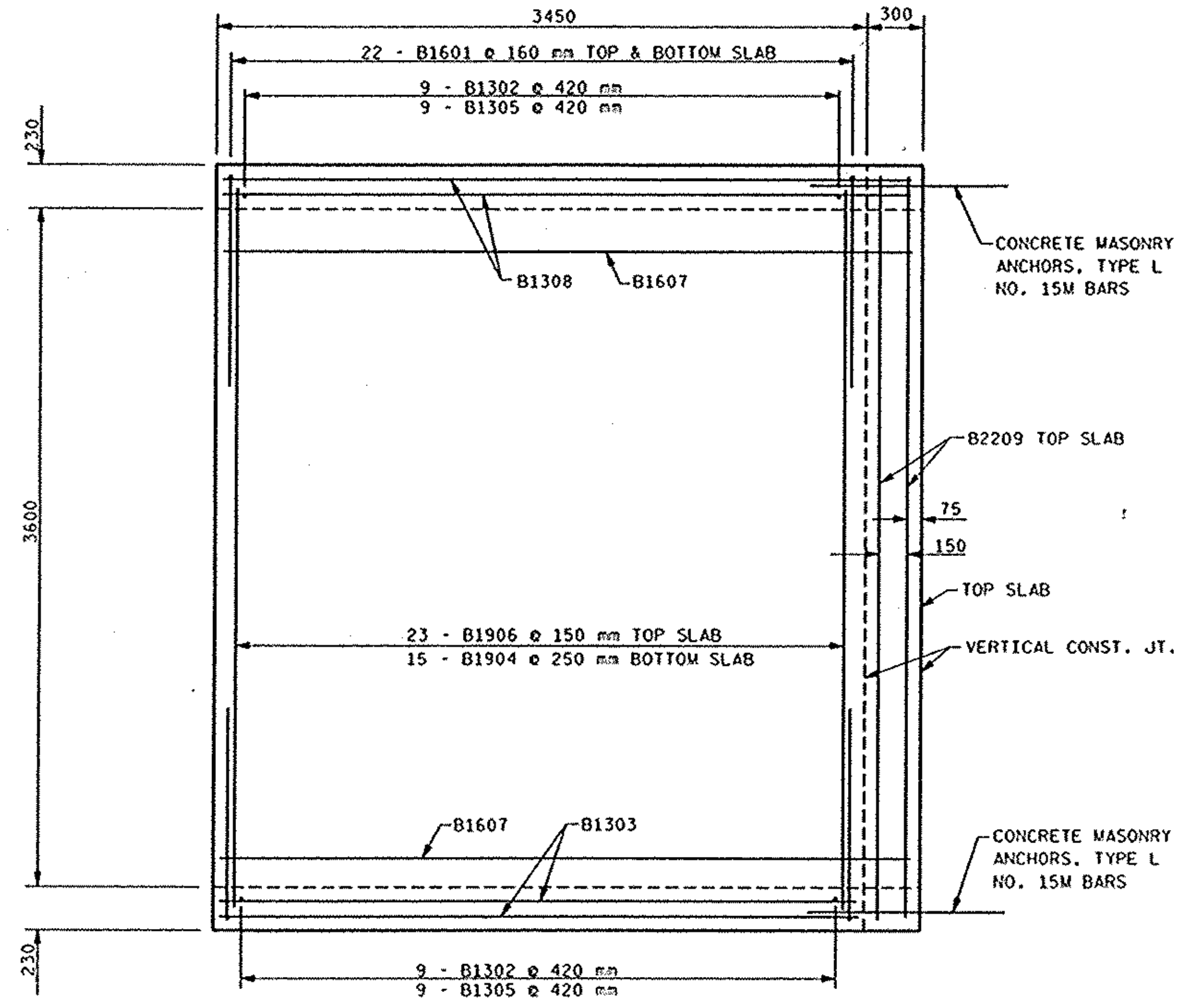
COUNTY OUTAGAMIE	CITY APPLETON	
DESIGN SPEC. AASHTO 1996	LOAD MS18	CONST. SPEC. 1996
DESIGNED BY JAW	DESIGN CK'D. BJG	DRAWN BY DPP
PLANS CK'D. JAW		

APPROVED
CHIEF STRUCTURAL DESIGN ENGINEER DATE

GENERAL PLAN — SHEET 1 OF 4

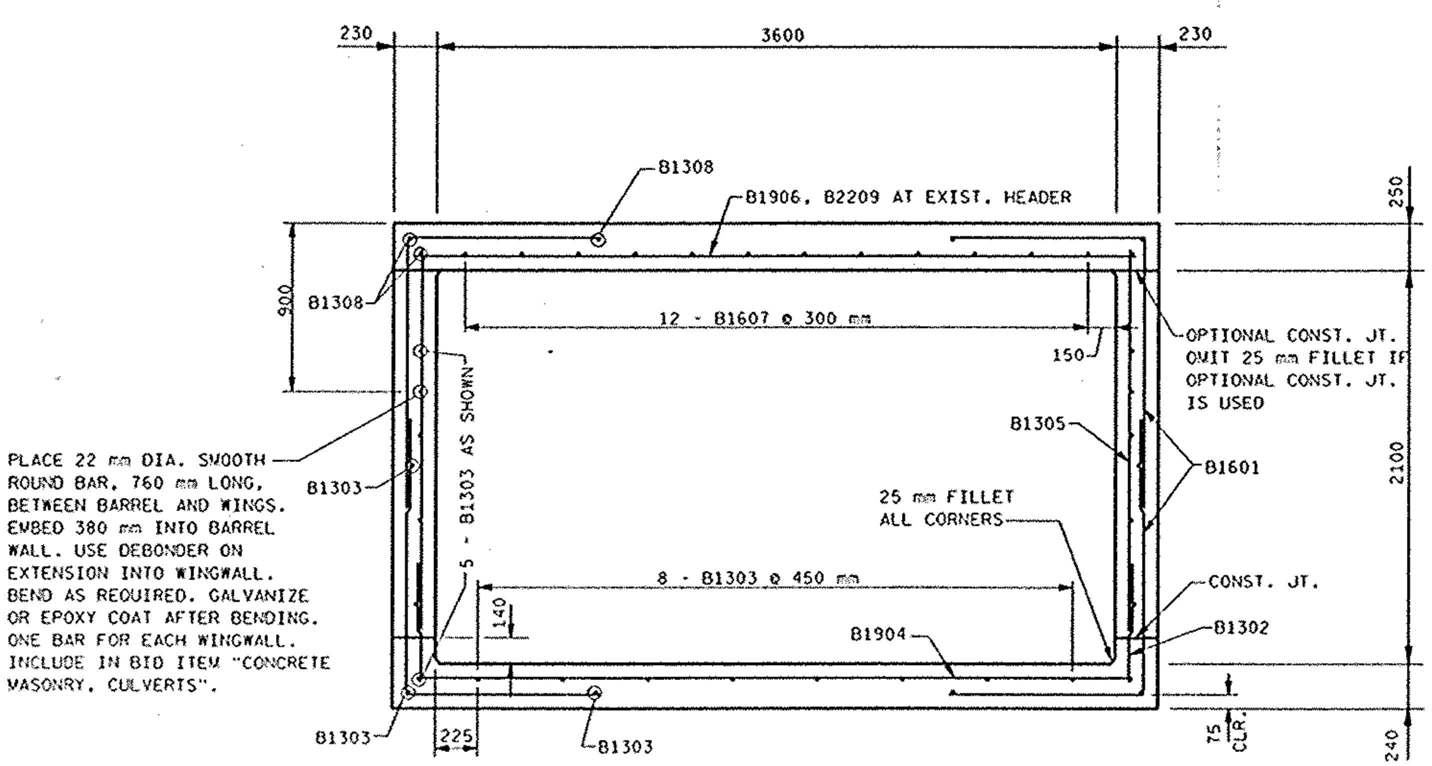
FILE NAME: E1339A98/STRUCT / /PLAN01.2DG TECH/ENGR: DPP/JAW PLOT DATE: 08/01/98 PLOT NAME: SEE FILE NAME
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER	SHEET NO.
4984-00-97	



PLAN VIEW OF EXTENSION

APRON AND HEADER ARE NOT SHOWN.



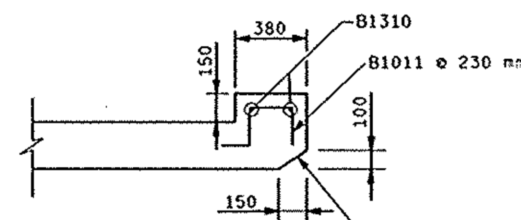
TYPICAL SECTION THRU BOX

N

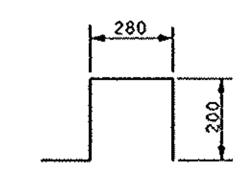
BILL OF BARS

THE FIRST TWO DIGITS OF THE MARK SIGNIFY THE BAR SIZE.
THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR.

MARK	NUMBER REQ-D	LENGTH	BENT	LOCATION
B1601	88	2550	1050	CORNERS
B1302	18	650	NO	BOTTOM SLAB - DOWELS
B1303	24	3400	NO	LONGITUDINAL
B1904	15	3850	NO	BOTTOM SLAB - TRANSVERSE
B1305	18	2100	NO	SIDE WALLS - VERTICAL
B1906	23	3850	NO	TOP SLAB - TRANSVERSE
B1607	12	3650	NO	TOP SLAB - LONGITUDINAL
B1308	6	3650	NO	TOP SLAB - LONGITUDINAL
B2209	2	3850	NO	TOP SLAB - TRANSVERSE
B1310	2	3950	NO	HEADER
B1011	18	800	YES	HEADER
B1612	41	1050	NO	VERTICAL CONSTRUCTION JOINT

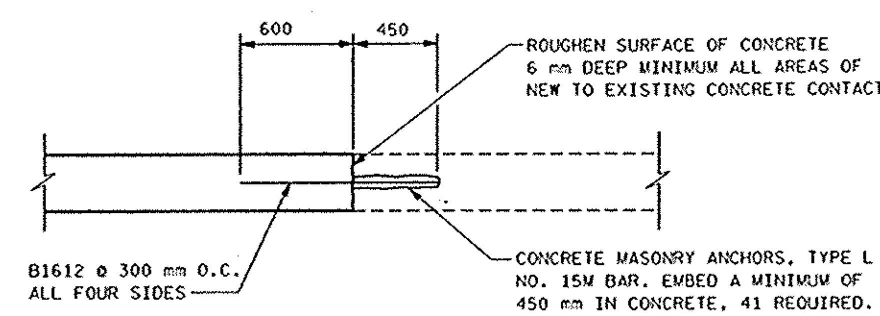


SECTION THRU TOP HEADER



B1011

BAR BENDING DIAGRAMS



VERTICAL CONSTRUCTION JOINT

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

STRUCTURE C-44-84

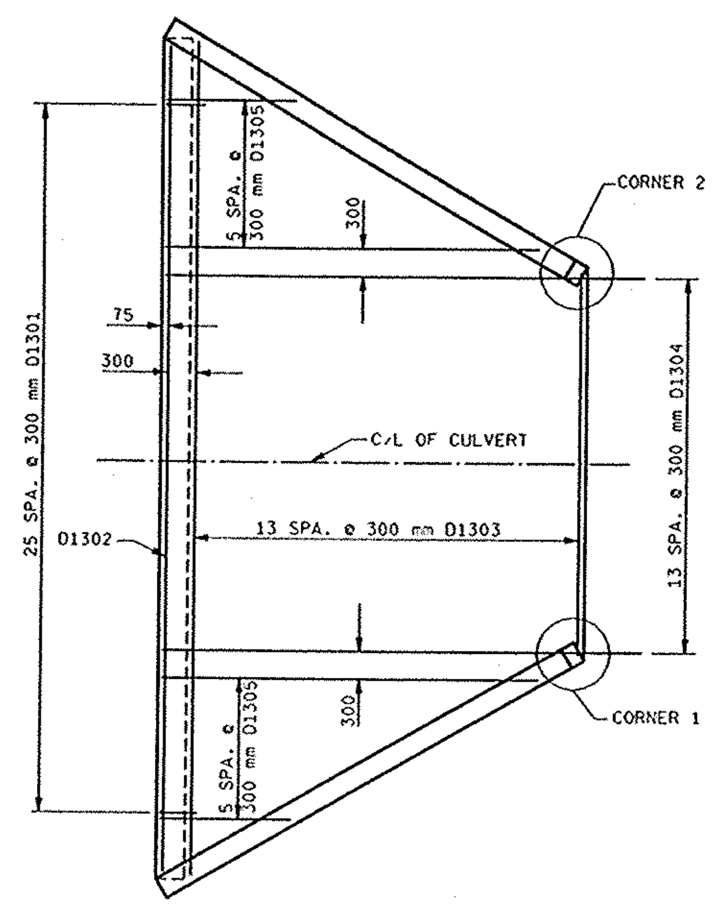
CONST. SPEC.	1996	DRAWN BY	DPP	PLANS CK'D.	JAW

BARREL DETAILS

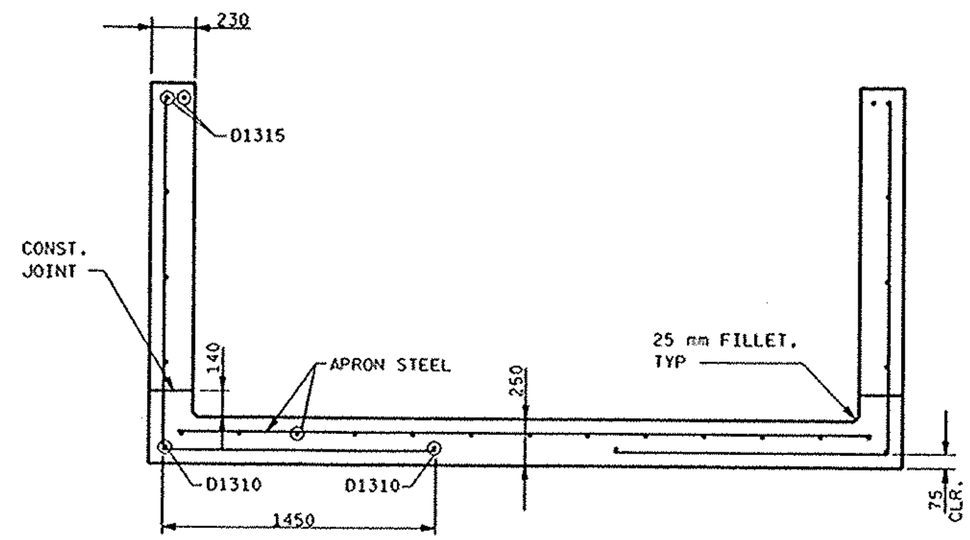
SHEET 2 OF 4

FILE NAME: E1339A98/STRUCT / /STDET01.2DG TECH/ENGR: DPP/JAW PLOT DATE: 08/01/98 PLOT NAME: SEE FILE NAME
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER	SHEET NO.
4984-00-97	



APRON DETAIL



SECTION THRU WINGS

AT RIGHT ANGLES TO WING WALLS

BILL OF BARS

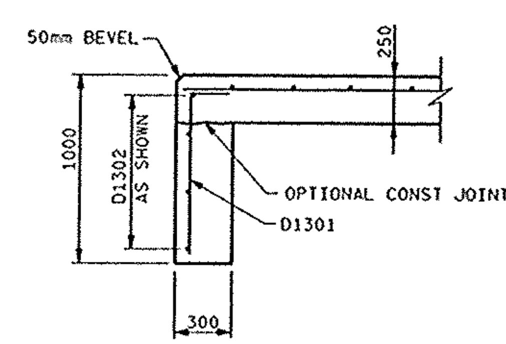
THE FIRST TWO DIGITS OF THE MARK SIGNIFY THE BAR SIZE.
THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR.

MARK	NUMBER REQ-D	LENGTH	BENT	BAR SERIES	LOCATION
D1301	26	1150	300		CUT-OFF WALL
D1302	4	8700			CUT-OFF WALL
D1303	14	6300		Δ	APRON
D1304	14	5050			APRON
D1305	12	2550		Δ	APRON
D1906	10	2400	1450		WING VERTICAL
D1307	24	2825	1450	Δ	WING VERTICAL
D1308	6	2000			WING VERTICAL
D1309	4	1650			WING VERTICAL
D1310	4	4950			WING HORIZ. APRON
D1311	2	4850			WING HORIZ.
D1312	2	4450			WING HORIZ.
D1313	2	3150			WING HORIZ.
D1314	2	1950			WING HORIZ.
D1315	4	5150			WING HORIZ.

Δ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

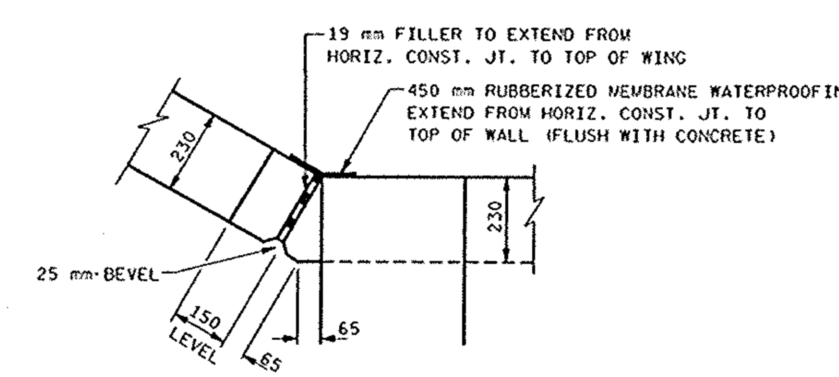
BAR SERIES TABLE

MARK	NO. REQ'D.	LENGTH
D1303	1 SERIES OF 14	4050 TO 8550
D1305	2 SERIES OF 6	3850 TO 1250
D1307	2 SERIES OF 12	2150 TO 3500



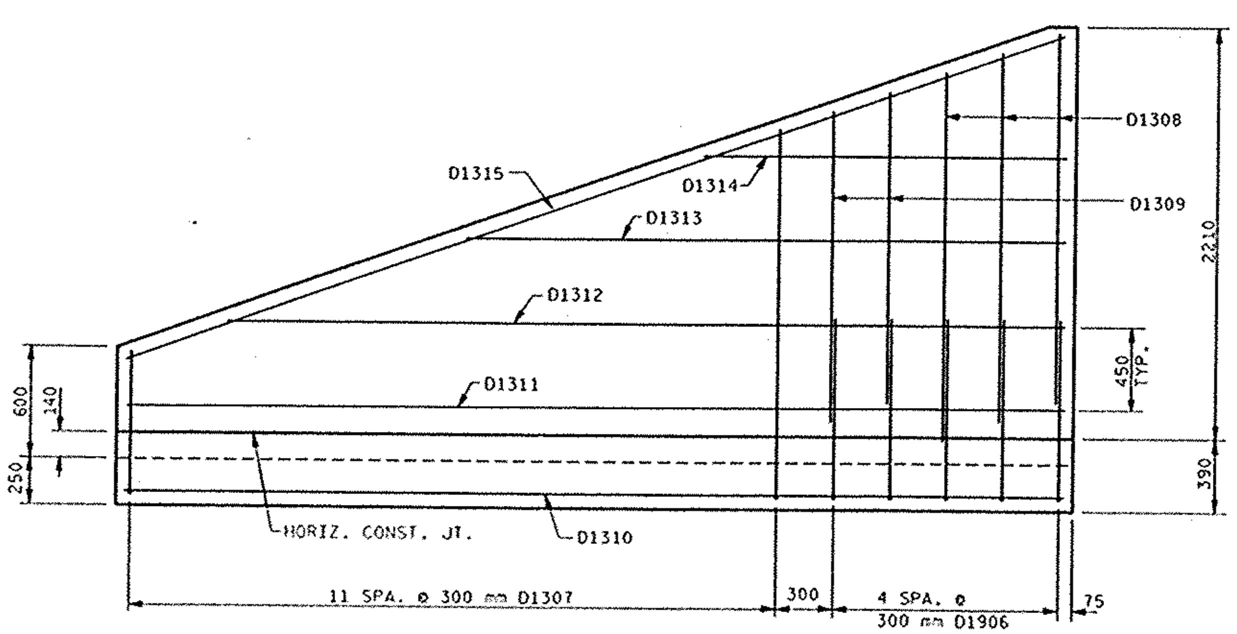
CUT-OFF WALL

SECTION THRU THE WALL

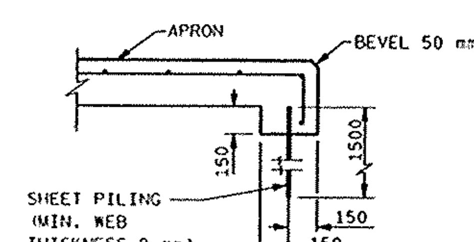


CORNER 2

CORNER 1 IS A MIRROR IMAGE OF CORNER 2



WING 1 & 2



ALTERNATE CUT - OFF WALL

THE ABOVE ALT. MAY BE USED IN LIEU OF THE CAST-IN-PLACE CONC. CUT- OFF WALL. PAYMENT WILL BE BASED ON THE CONC. CUT-OFF WALL.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

STRUCTURE C-44-84

CONST. SPEC.	1996	DRAWN BY	DPP	PLANS CK'D.	JAW

APRON AND WING DETAILS

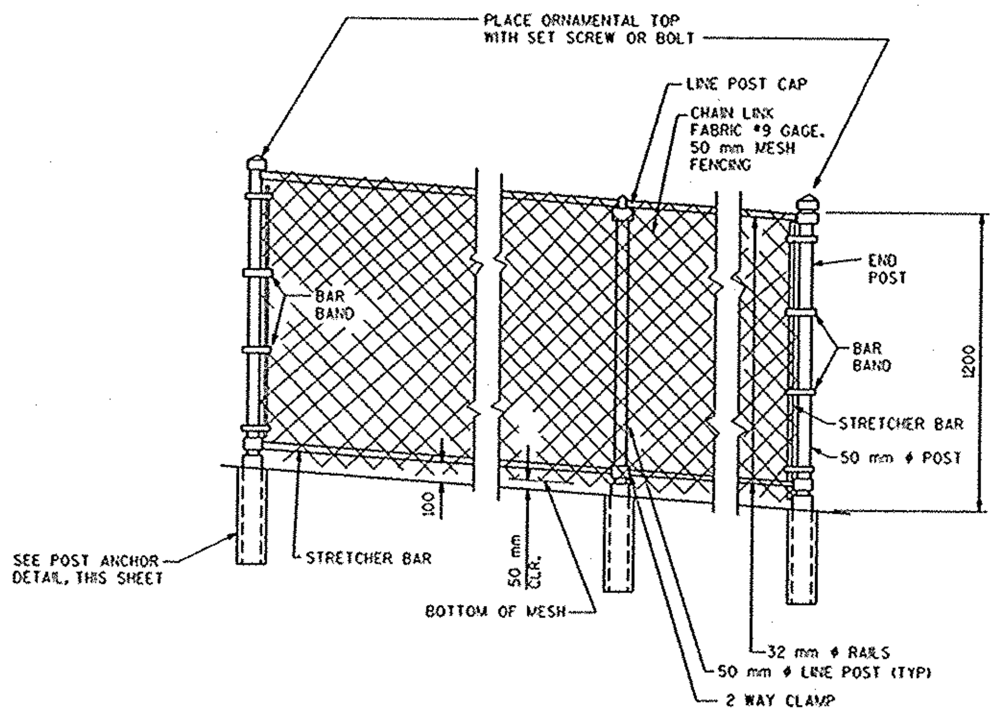
SHEET 3 OF 4

FILE NAME: E1339A98/STRUCT / /STOET02 .2DG TECH/ENGR: DPP/JAW PLOT DATE: / /98
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00 PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

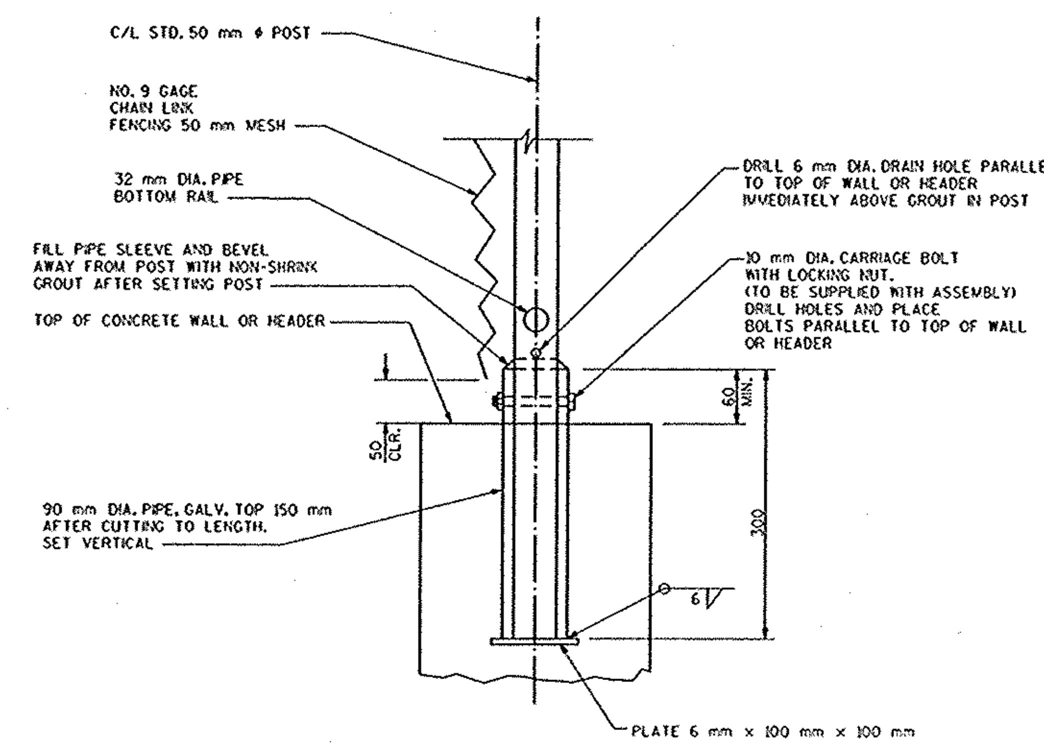
STATE PROJECT NUMBER	SHEET NO.
4984-00-97	

NOTES

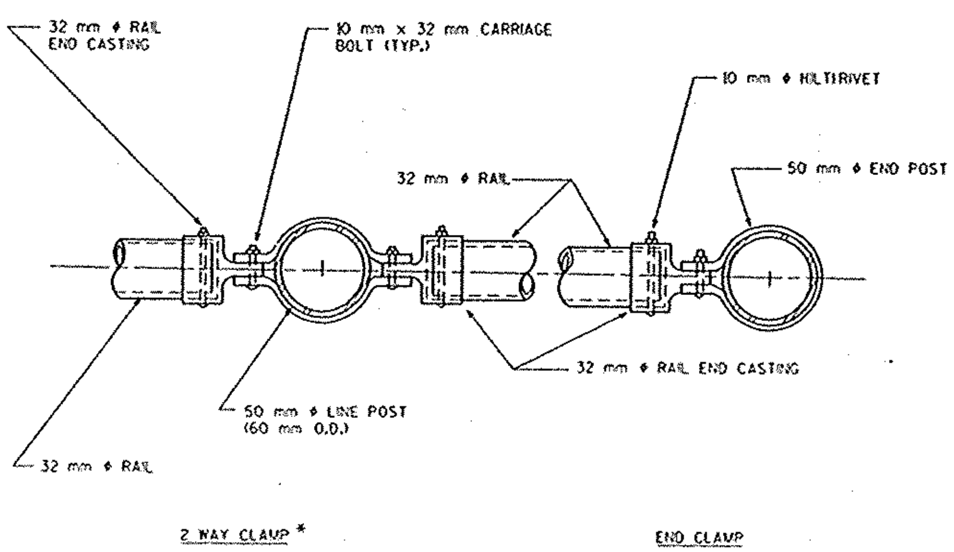
ALL DIMENSIONS ARE IN MILLIMETERS.
ALL POSTS TO BE SET VERTICAL.
ALL FENCING COMPONENTS SHALL BE GALVANIZED STEEL.
TOP RAIL SHALL BE CONTINUOUS OVER INTERIOR POSTS.
NO. 9 GAGE TIES AT 230 mm SPA. REQ'D. ON RAILS AND POST WITHOUT STRETCHER BARS.
THE BID ITEM "CHAIN LINK FENCE, 1.2 m" INCLUDES FURNISHING FENCE, POST ANCHOR SLEEVES, 50 mm ϕ END POST, 50 mm ϕ LINE POST, 32 mm ϕ STD. PIPE RAILING AND ALL INCIDENTAL MATERIAL.



ELEVATION OF FENCE



POST ANCHOR DETAIL



PLAN OF RAILING

NOTE: PLACE ALL NUTS ON OUTSIDE OF FENCE.

* ALTERNATE BOULEVARD 2-WAY CLAMP MAY BE USED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

STRUCTURE C-44-84

CONST. SPEC.	1996	DRAWN BY	OPP	PLANS CK'D.	JAW

FENCE DETAILS

SHEET 4 OF 4

FILE NAME: E1339A98/STRUCT / /STDET04 .200 TECH/ENGR: OPP/ PLOT DATE: JA/01/99 PLOT NAME: SEE FILE NAME
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: 02/02/00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CTH E (N. BALLARD ROAD) EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
1055.50	0.0		0.0	
1060.00	19.1	2	8.8	1
1068.00	17.4	142	10.0	58
1080.00	19.5	222	16.0	156
1100.00	22.4	419	9.5	255
1120.00	27.6	499	4.1	135
1125.00	28.4	140	3.9	20
1140.00	27.8	423	2.7	51
1150.60	0.0	147	0.0	14
1160.00	29.7	139	0.9	4
1180.00	33.4	630	0.4	14
1200.00	26.9	602	0.7	11
1220.00	25.4	523	0.6	12
1230.00	28.5	270	0.1	4
1240.00	21.8	252	1.7	9
1260.00	21.7	435	1.1	28
1280.00	54.6	759	0.8	20
1285.00	57.7	281	0.5	3
1300.00	27.9	646	0.4	7
1320.00	26.5	544	0.1	5
1340.00	28.5	550	0.1	2
1360.00	29.6	581	0.1	1
1380.00	28.8	585	0.1	1
1400.00	27.5	564	0.2	3
1420.00	26.4	539	0.5	7
1440.00	23.7	500	3.2	37
1460.00	21.9	455	5.5	87
1473.20	27.0	322	5.2	71
1500.00	16.0	574	10.4	210
1517.00	16.0	273	8.9	163
1520.00	16.0	48	8.9	27
1540.00	12.4	285	13.2	222

CTH E (N. BALLARD ROAD) EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
1560.00	11.2	236	13.7	269
1580.00	13.0	242	8.3	219
1597.00	18.0	263	5.7	118
1620.00	16.4	395	3.4	104
1640.00	22.0	384	1.2	46
1656.00	23.4	363	0.1	10
1660.00	22.2	91	0.2	1
1670.00	24.0	231	0.6	4
1680.00	17.5	208	1.1	8
1700.00	15.6	332	1.3	24
1720.00	9.9	255	11.3	125
1740.00	8.0	179	17.8	291
1760.00	7.1	151	19.1	370
1780.00	6.2	133	19.4	385
1800.00	5.7	119	20.0	393
1820.00	5.9	116	18.4	384
1840.00	8.4	143	15.4	339
1860.00	10.5	189	11.1	265
1880.00	11.9	224	7.6	187
1892.00	14.0	155	5.5	79
1900.00	11.3	101	9.1	58
1920.00	9.9	212	10.6	197
1940.00	11.1	210	8.6	192
1942.00	11.8	23	7.3	16
1960.00	7.6	175	13.3	186
1973.00	10.5	118	12.0	165
1980.00	9.1	69	15.1	95
2000.00	6.5	156	17.8	329
2020.00	5.9	124	19.0	368
2040.00	5.6	115	15.8	348
2060.00	6.2	118	10.2	261
2080.00	11.1	173	9.7	199

CTH E (N. BALLARD ROAD) EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
2100.00	10.4	215	5.3	149
2120.00	12.3	227	2.4	77
2135.00	14.5	201	4.7	54
2140.00	14.7	73	3.1	19
2157.20	21.5	311	0.0	26
2180.00	15.9	426	2.8	32
2200.00	13.3	293	12.7	155
2220.00	11.5	248	18.3	312
2240.00	9.7	212	21.2	394
2260.00	7.9	176	19.1	403
2280.00	6.5	144	18.7	378
2300.00	6.0	125	19.5	382
2320.00	6.5	125	21.5	410
2340.00	8.3	148	15.2	367
2360.00	8.1	164	13.9	291
2380.00	10.9	190	12.4	262
2386.00	31.9	129	10.4	68
2400.00	9.3	289	14.9	177
2420.00	10.5	198	10.7	255
2433.00	14.8	165	7.8	120
2440.00	12.9	97	7.9	55
2453.00	25.8	252	1.4	61
2460.00	18.9	156	1.7	11
2475.00	18.0	276	9.3	83
2480.00	16.9	87	9.9	48
2500.00	14.9	318	6.6	164
2520.00	16.6	314	6.4	130
2532.00	17.8	206	6.6	78
2540.00	14.4	129	0.6	29
2560.00	13.7	281	10.1	107
2580.00	12.1	258	11.1	212
2600.00	11.4	235	8.0	191

CTH E (N. BALLARD ROAD) EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
2620.00	15.3	267	2.1	101
2640.00	13.2	285	5.1	72
2660.00	30.4	436	0.0	51
2680.00	15.5	458	1.5	15
2700.00	11.9	273	3.2	46
2720.00	14.9	268	2.7	58
2740.00	15.8	307	1.1	37
2760.00	17.1	328	0.3	13
2770.00	20.1	186	0.1	2
2776.00	23.1	129	0.0	0
2800.00	25.0	571	2.0	24
2813.00	27.2	339	0.0	13
2820.00	23.1	176	0.0	0
2840.00	12.1	355	0.7	7
2860.00	6.4	185	0.7	14
2880.00	16.1	225	0.0	7
2900.00	13.7	298	0.0	0
2920.00	7.9	217	0.0	0
2940.00	6.9	148	0.0	0
2944.00	1.7	17	0.8	2
2960.00	3.5	42	0.4	10
2980.00	3.1	66	0.3	7
3000.00	3.2	64	0.3	6
3020.00	2.9	62	0.1	4
3040.00	5.7	86	0.0	1
3055.00	0.0	43	0.1	1
TOTALS		30 855		13 665

FILE NAME: E1339A98/SHEETS /PLAN /MO15 .20G PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 TECH/ENGR: KRE/SDC PLOT DATE: 08/02/99 PLOT NAME: SEE FILE NAME
LEVELS ON . REV. DATE: / / 49.50.51.52 56.57. 59.60.61.62.

CTH JJ EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
1040.00	0.0		0.0	
1060.00	10.6	0	0.0	0
1080.00	11.2	218	0.0	0
1100.00	13.4	246	0.0	0
1115.00	14.0	205	0.0	0
1120.00	15.1	73	0.0	0
1130.00	18.9	170	0.0	0
1140.00	9.5	141	0.0	0
1150.60	15.0	130	0.2	1
1160.00	16.3	147	0.4	3
1170.00	18.0	172	0.3	3
1180.00	15.7	169	1.8	10
1200.00	12.7	284	1.4	32
1240.00	13.8		1.1	
1260.00	17.1	309	1.5	26
1280.00	16.0	330	1.7	32
1297.00	15.0	263	1.4	26
1310.00	9.9	160	1.3	18
1320.00	10.7	103	0.1	7
1340.00	15.8	265	0.3	4
1360.00	10.4	262	0.0	3
1369.73	10.4	101	0.0	0
TOTALS		3 757		182

ASHBURY DRIVE EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
2081.67	7.6		0.0	
2100.00	7.6	139	0.0	0
2120.00	4.6	122	2.2	22
2140.00	5.5	101	1.4	34
2160.00	3.2	87	1.3	26
2200.00	0.0		20.2	
2220.00	1.3	13	10.9	311
2240.00	7.4	87	4.6	155
2260.00	8.0	154	2.7	73
2280.00	10.0	180	0.2	30
2293.50	10.0	135	0.2	3
TOTALS		1 018		654

MEMORY LANE EARTHWORK

STATION	CUT AREA (sm)	CUT VOL (cm)	FILL AREA (sm)	FILL VOL (cm)
4960.00	3.7		0.1	
4972.00	4.3	48	0.1	1
4980.00	4.4	35	0.7	3
TOTALS		83		4

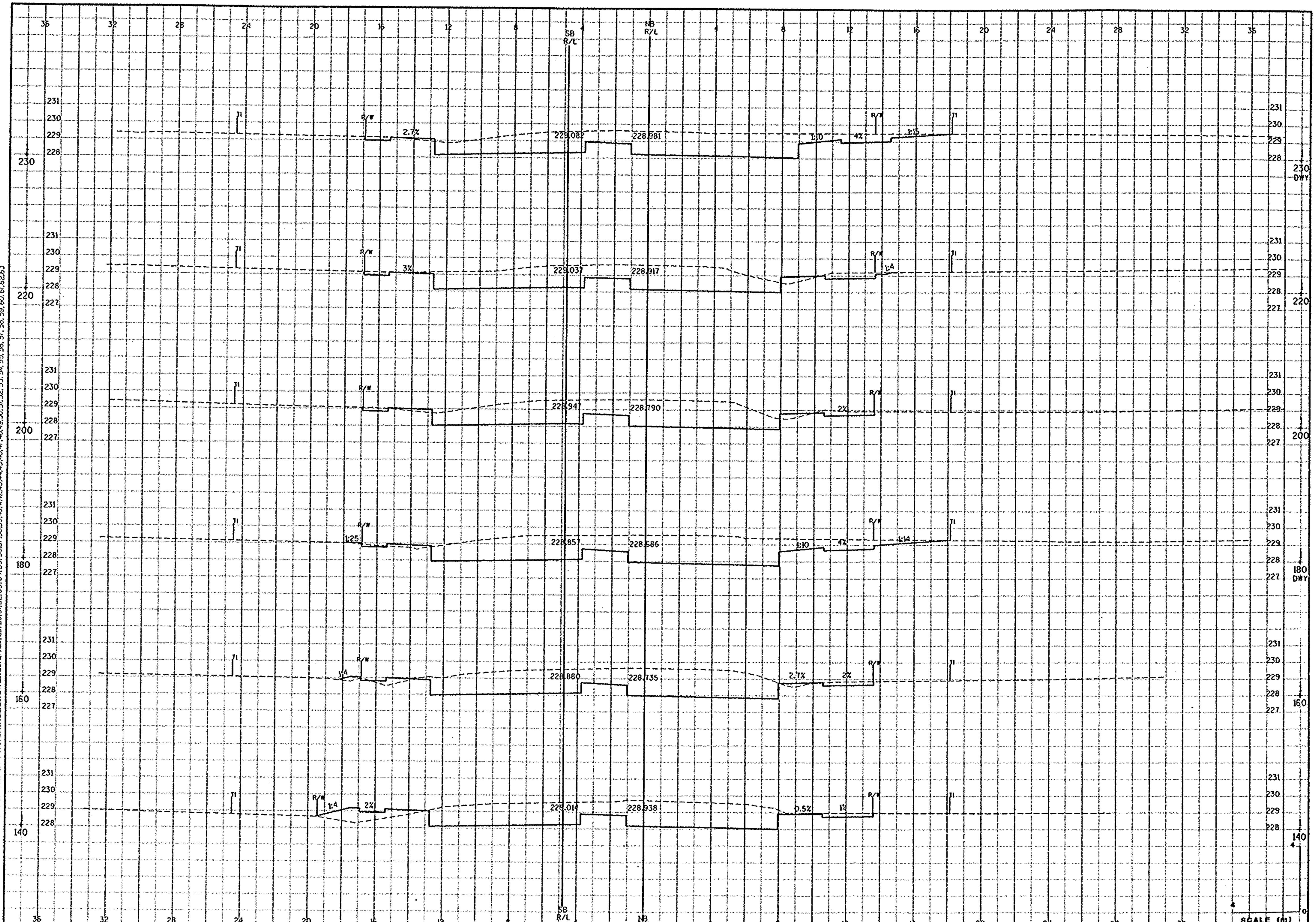
FILE NAME: E1339A /SHEETS /XSECT /NBDOT01.DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

LEVELS ON: 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS - N. BALLARD ROAD	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40



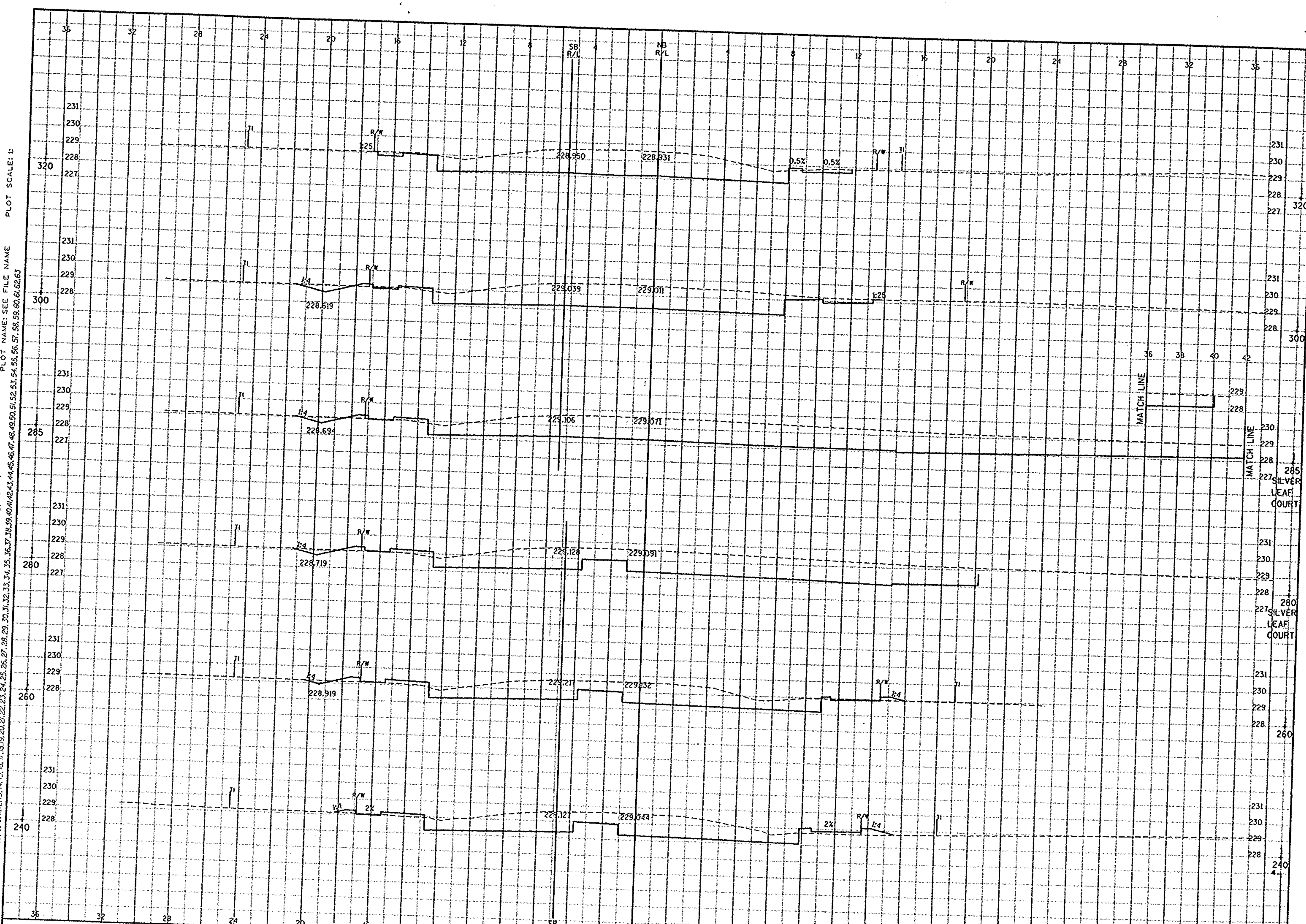
FILE NAME: E1339A /SHEETS /XSECT /NBDOT02 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

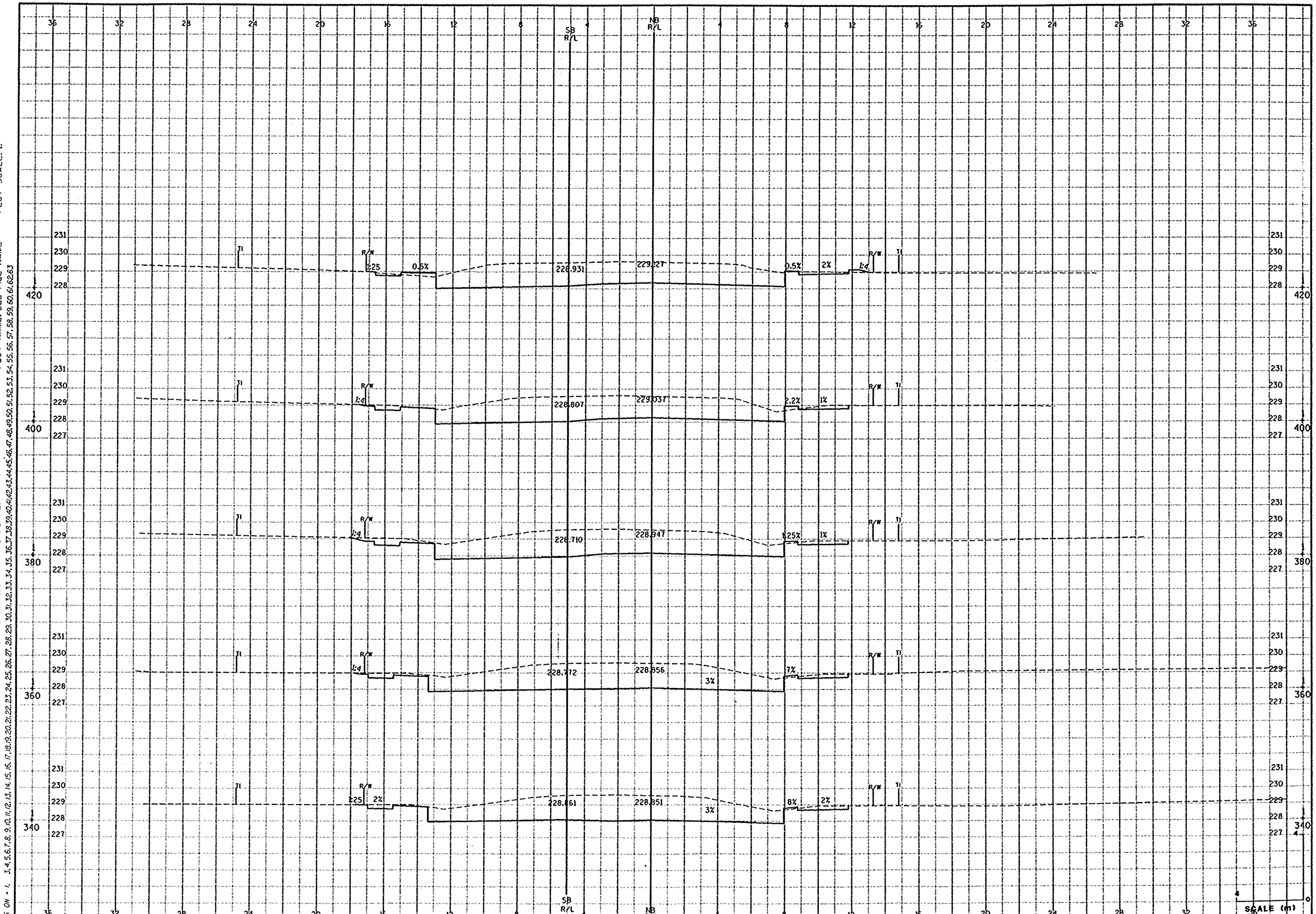
CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /NBDOT03 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

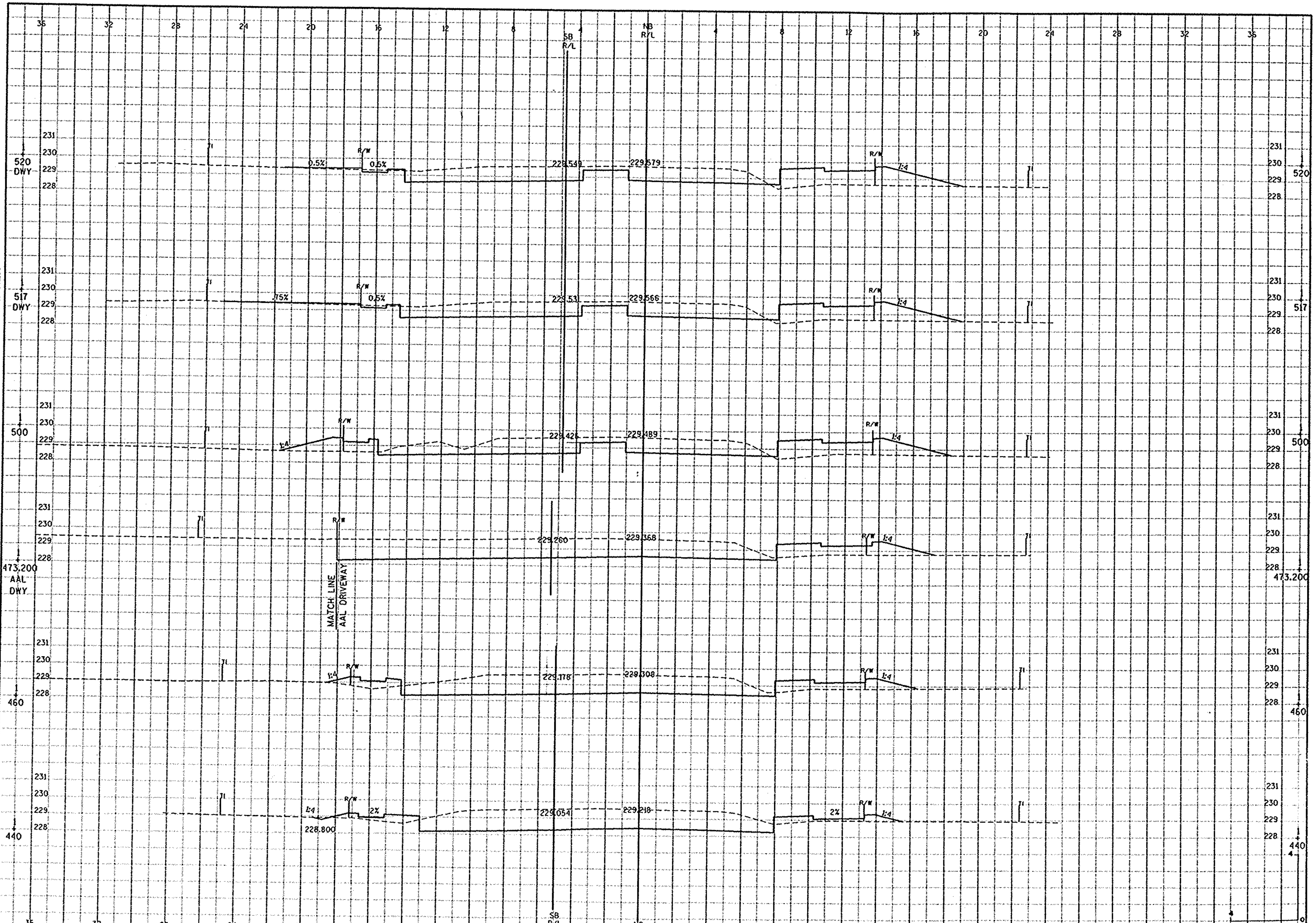


FILE NAME: E1339A /SHEETS /XSECT /NBDOT04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT05 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

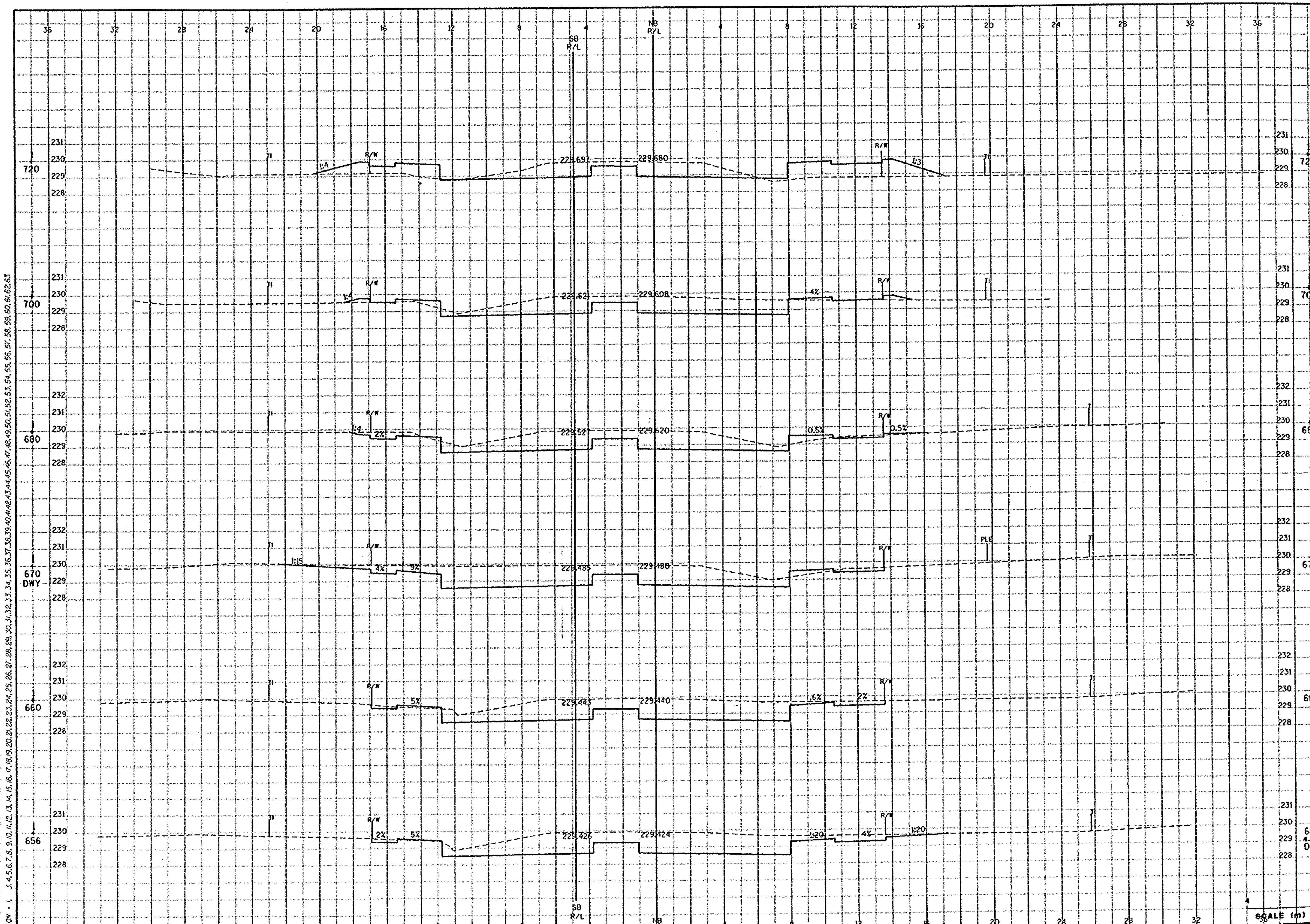
WISDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT06 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

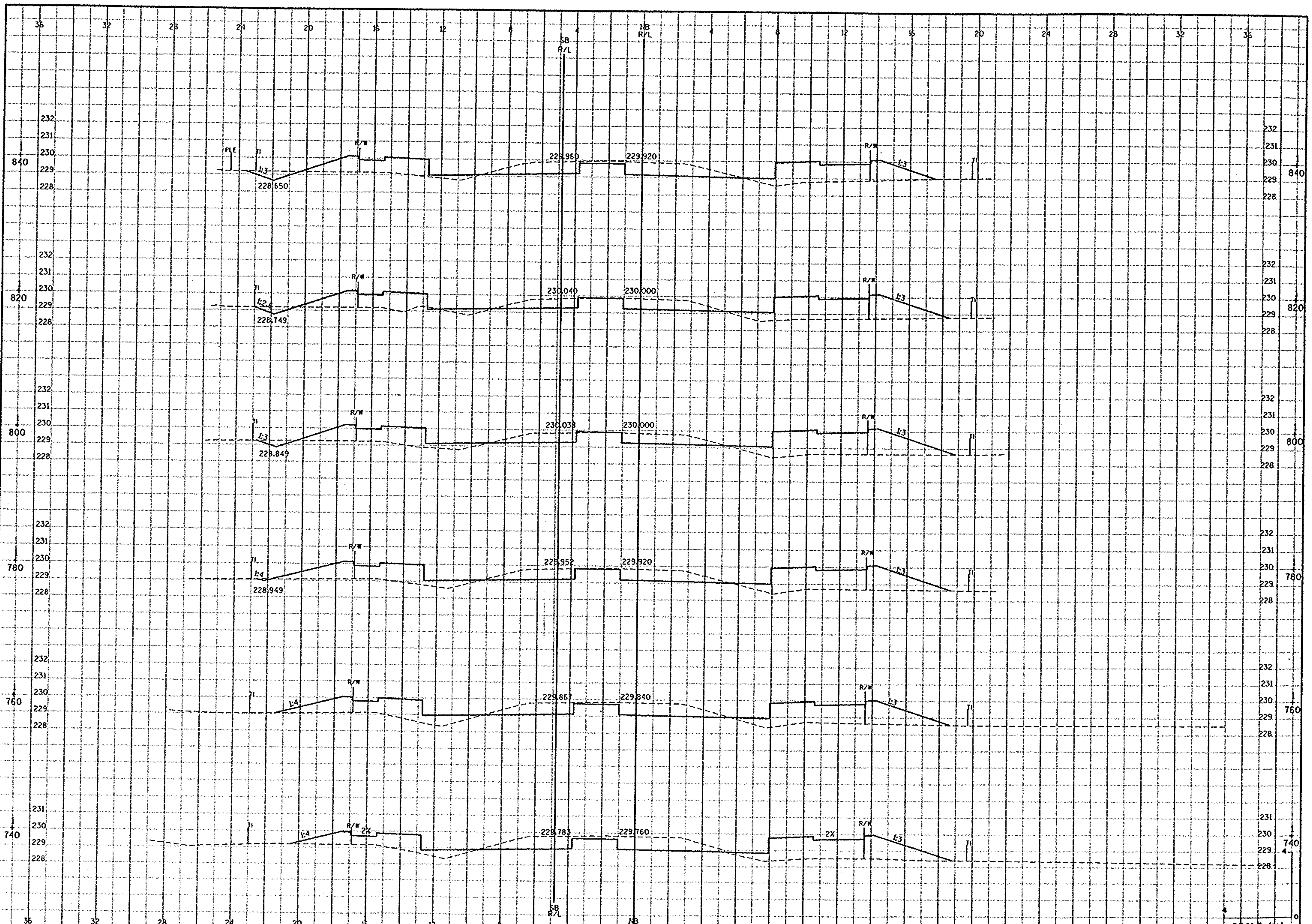
WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT07 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON • 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40



FILE NAME: E1339A / SHEETS /XSECT /NBDOT08 .DGN TECH/ENGR: DAP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON : 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

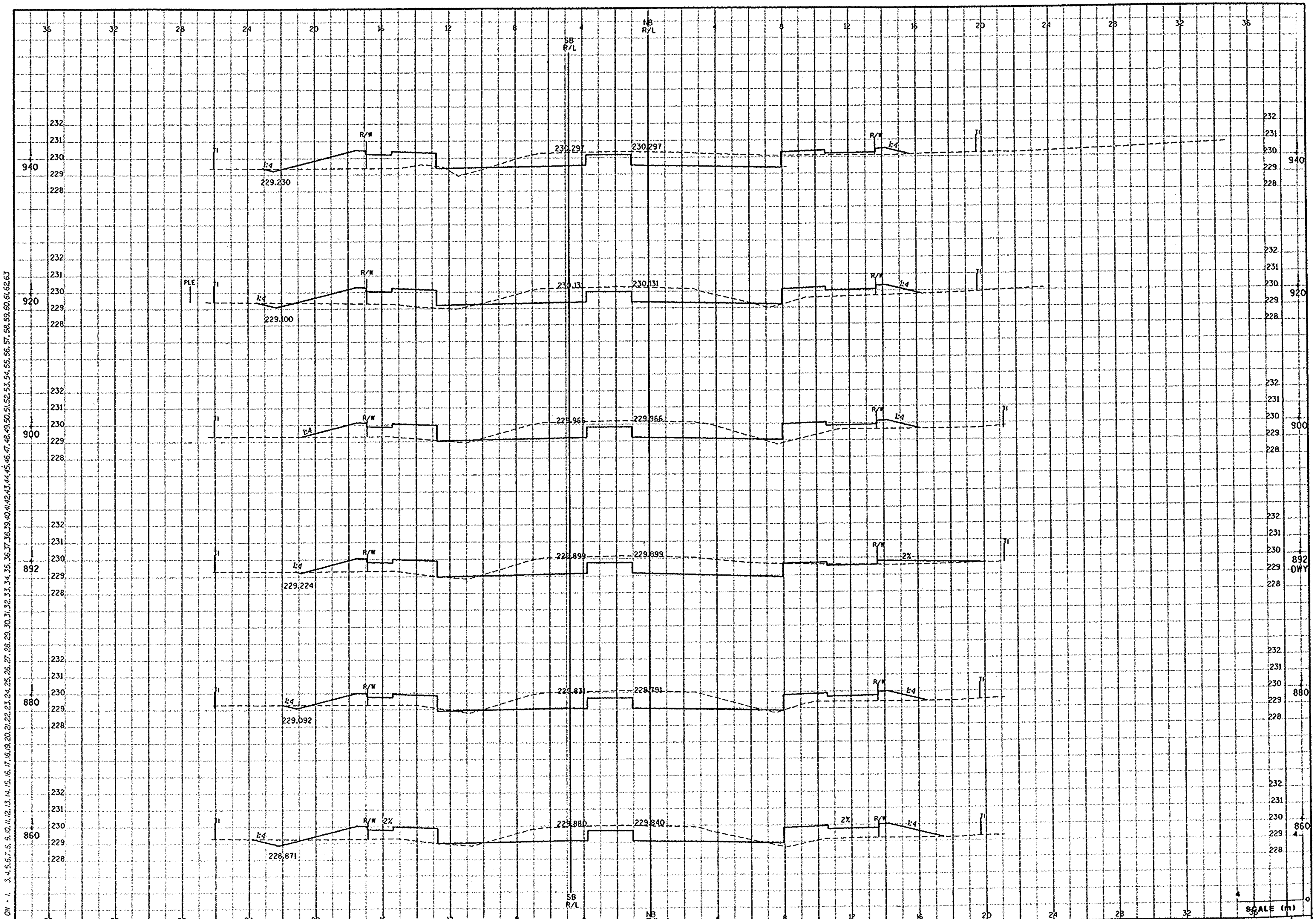
CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT09 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

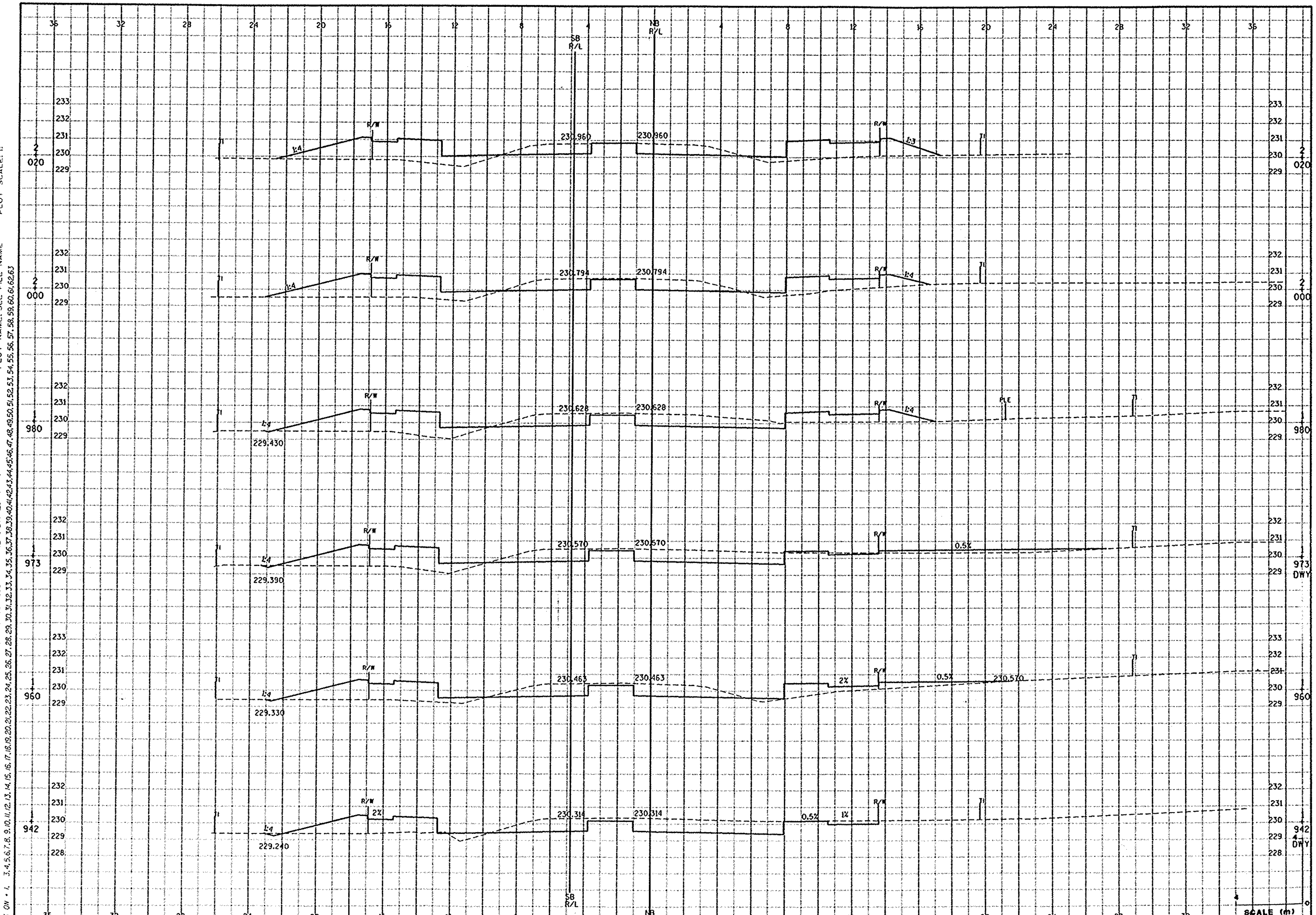
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /NBDOT10 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:

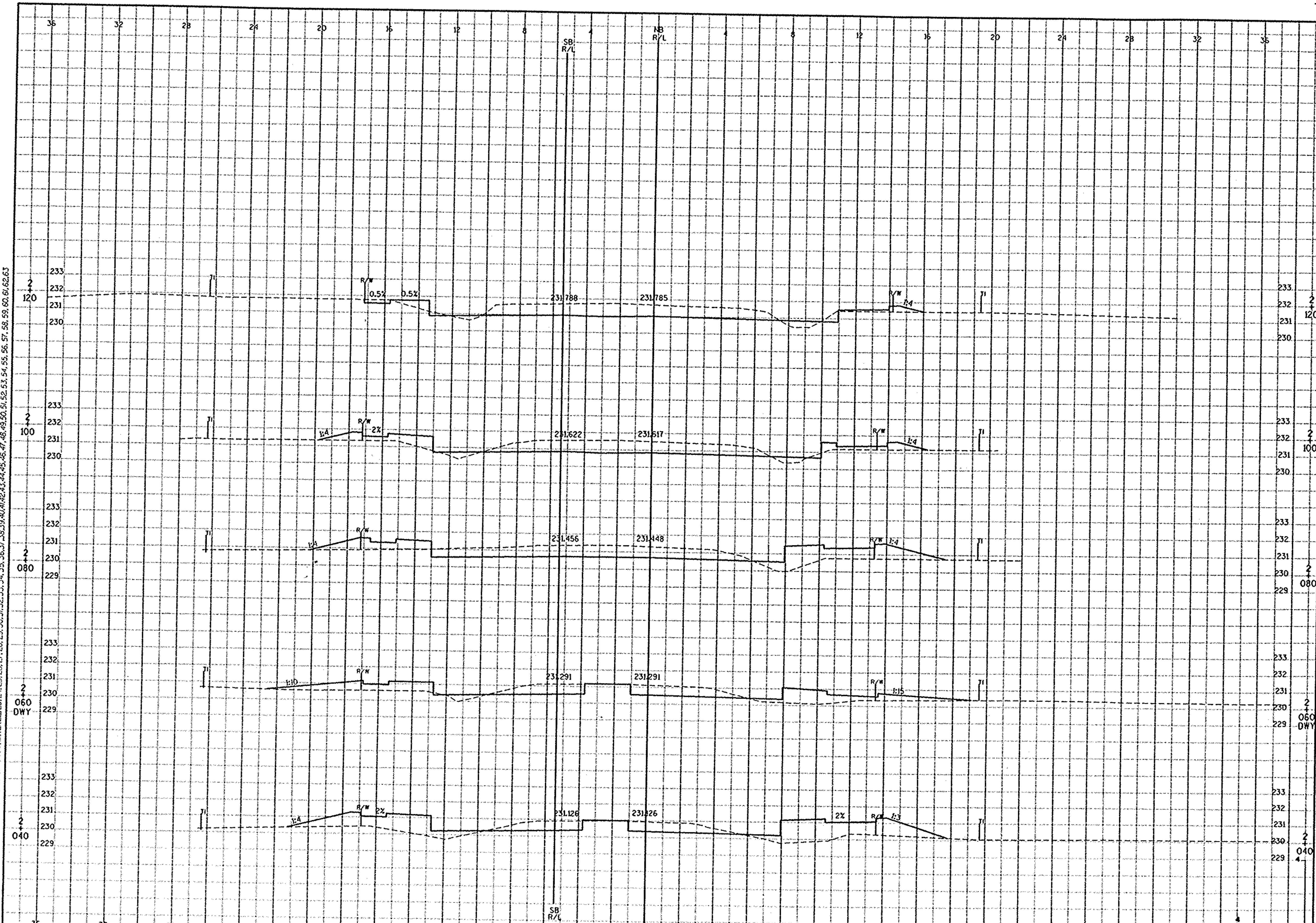
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

LEVELS ON = 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339X /SHEETS /XSECT /NBDOT11.DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON: 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

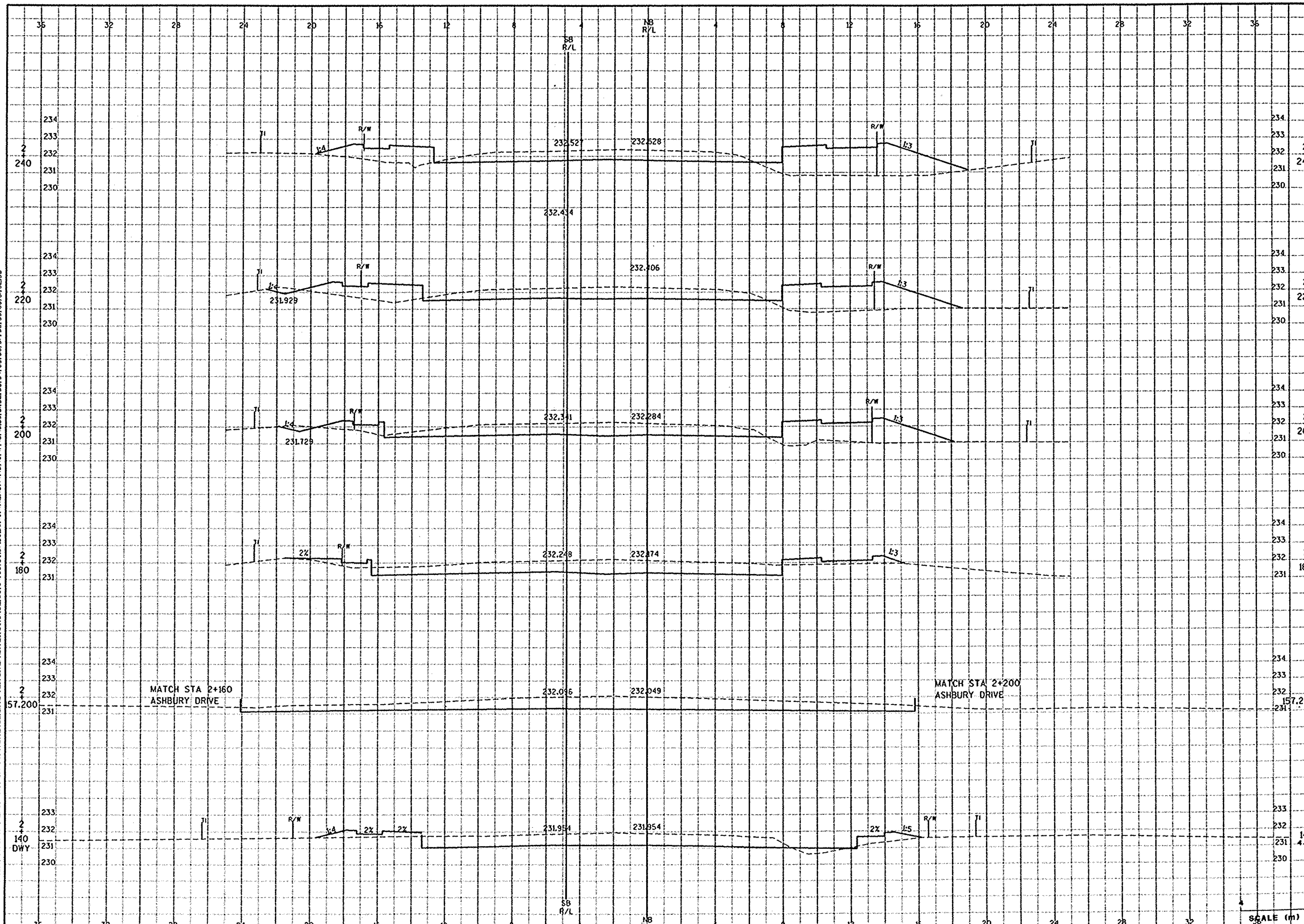


CROSS SECTIONS - N. BALLARD ROAD	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339A /SHEETS /XSECT /NBOOT12 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME

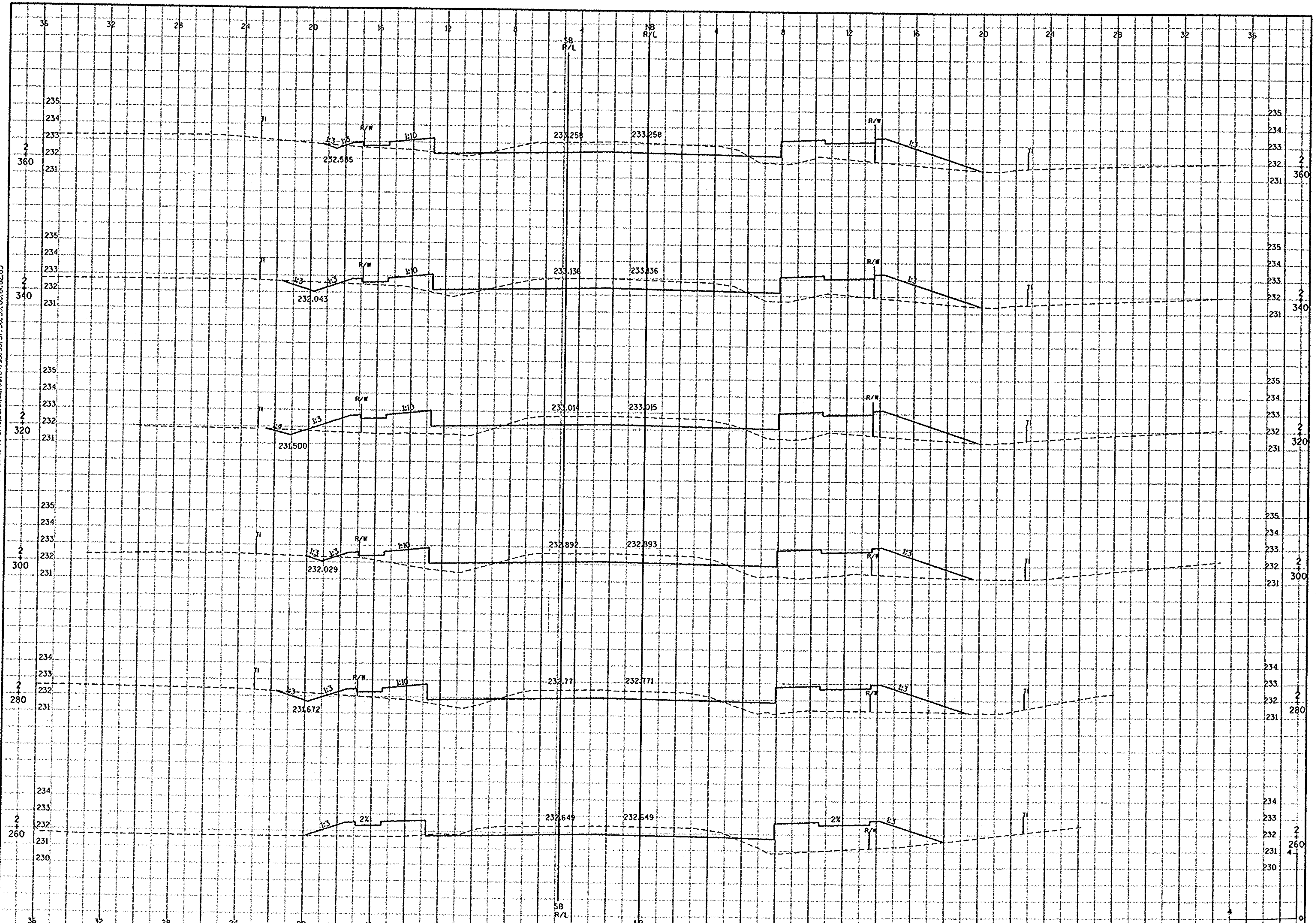
LEVELS ON = 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



CROSS SECTIONS - N. BALLARD ROAD	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT13 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT14 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WisDOT: MSHT40

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339A /SHEETS /XSECT /NBOOT15 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT16 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40

FILE NAME: E1339A /SHEETS /XSECT /NBDOT17 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WISDOT: MSHT40

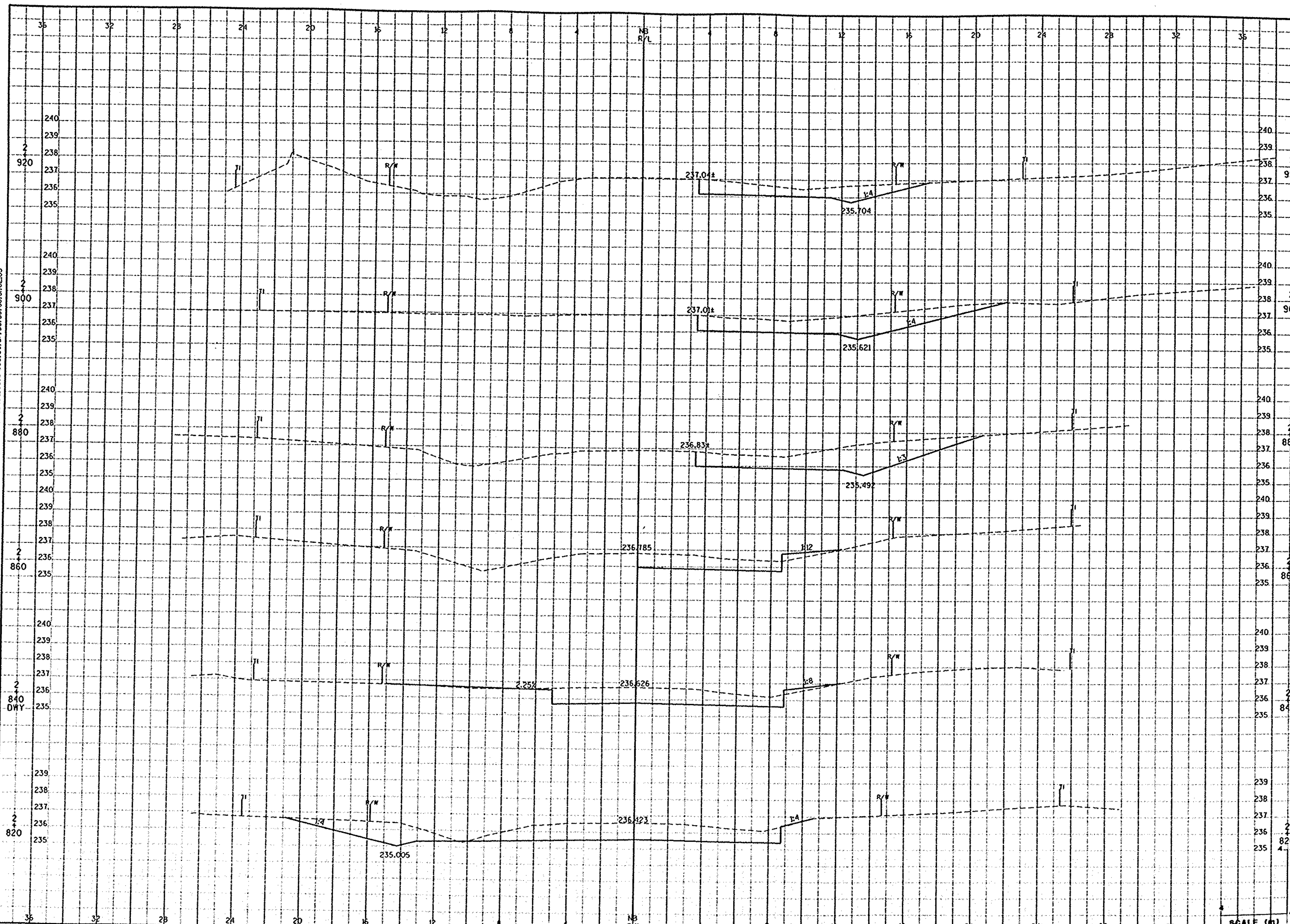
FILE NAME: E1339A /SHEETS /XSECT /NBDOT18 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS -	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

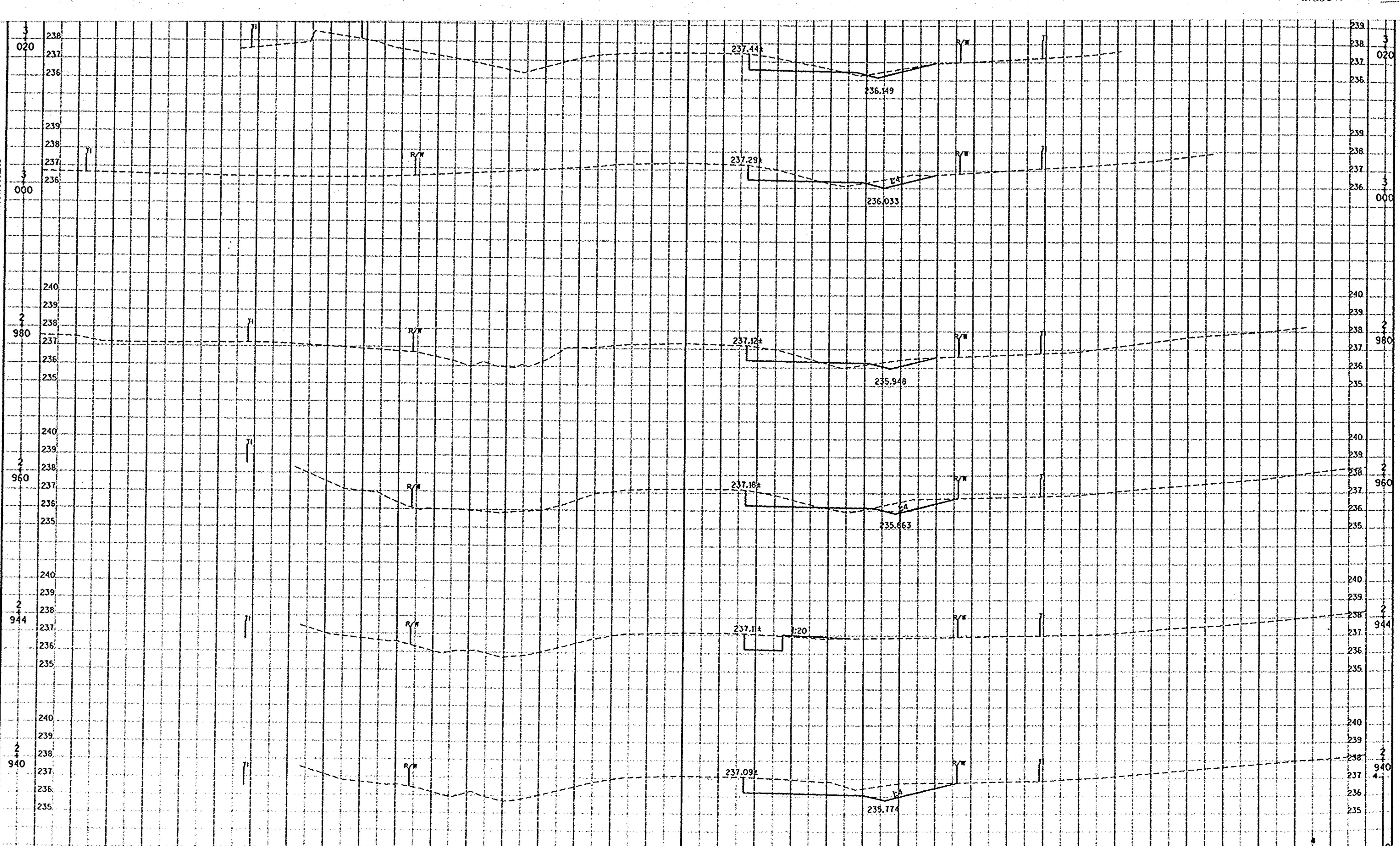
WISDOT: MSHT40



FILE NAME: E133A /SHEETS /XSECT /NBDOT19.DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
PLOT NAME: SEE FILE NAME
PLOT SCALE: 1:

CROSS SECTIONS - N. BALLARD ROAD	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40



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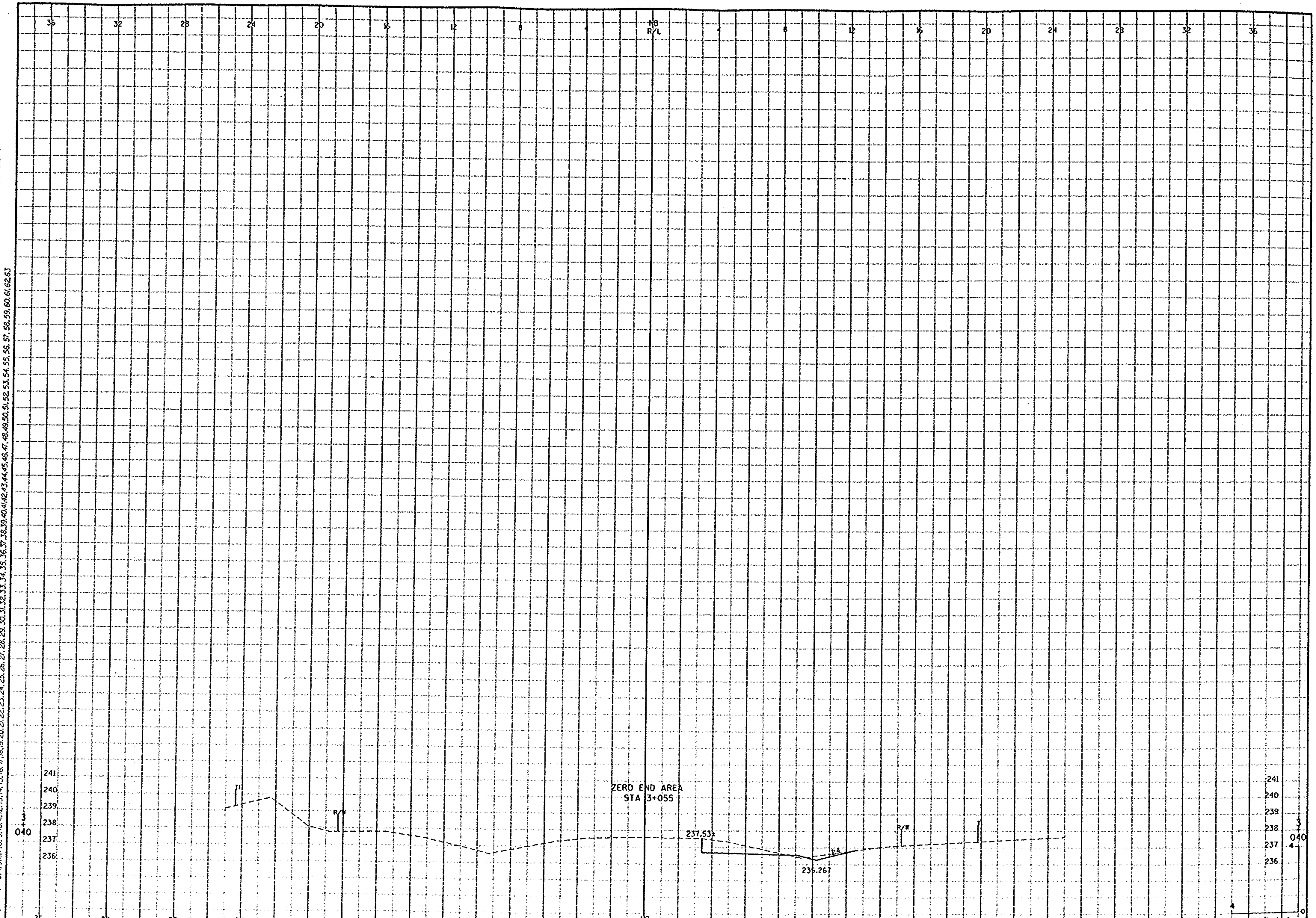
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
PLOT NAME: SEE FILE NAME
PLOT SCALE: 1:

CROSS SECTIONS - N. BALLARD ROAD	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

WisDOT: MSHT40



CROSS SECTIONS - N. BALLARD ROAD	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A /SHEETS /XSECT /NBOOT21.DGN TECH/ENGR: OPP/SOC PLOT DATE: 05/05/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
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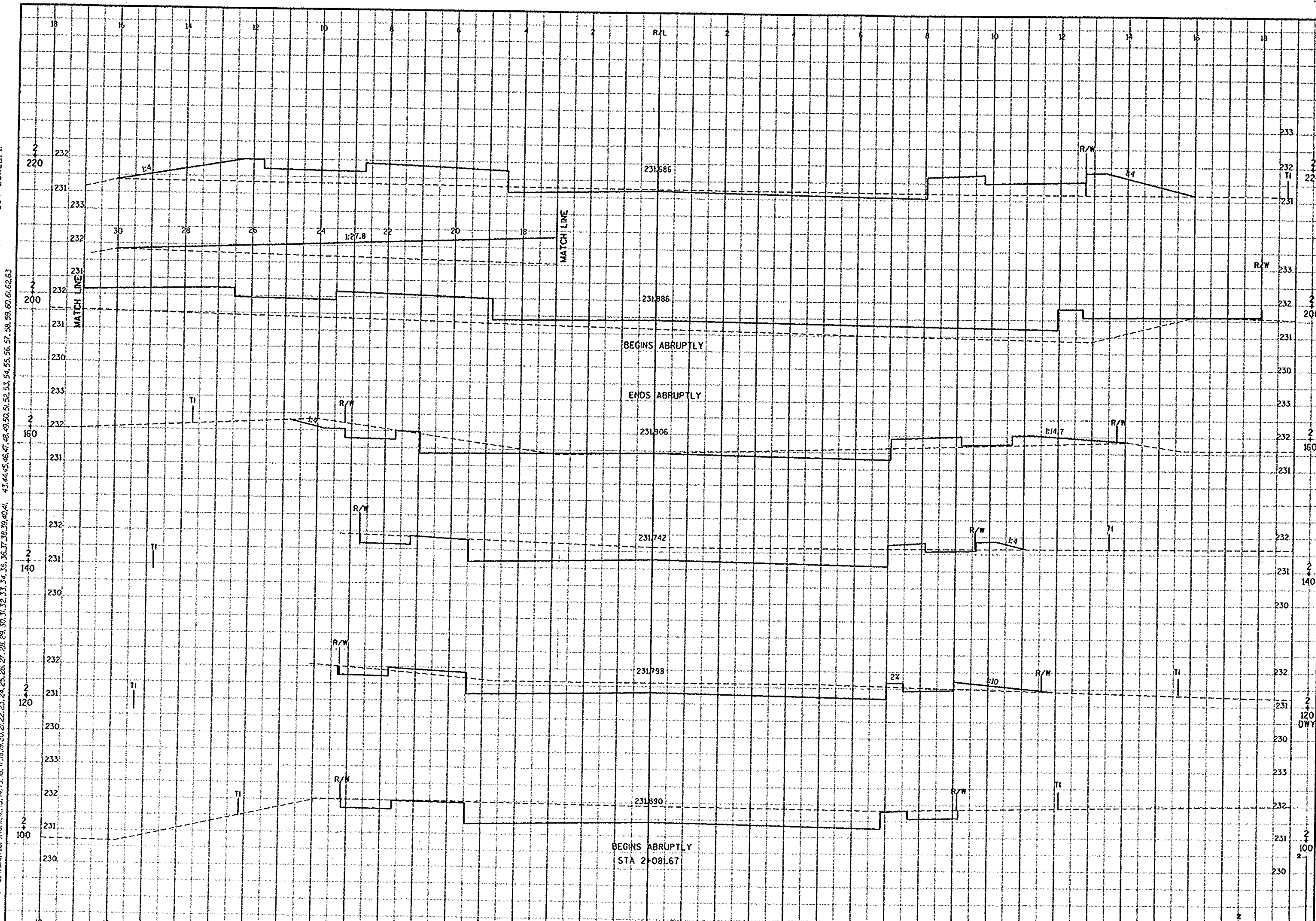
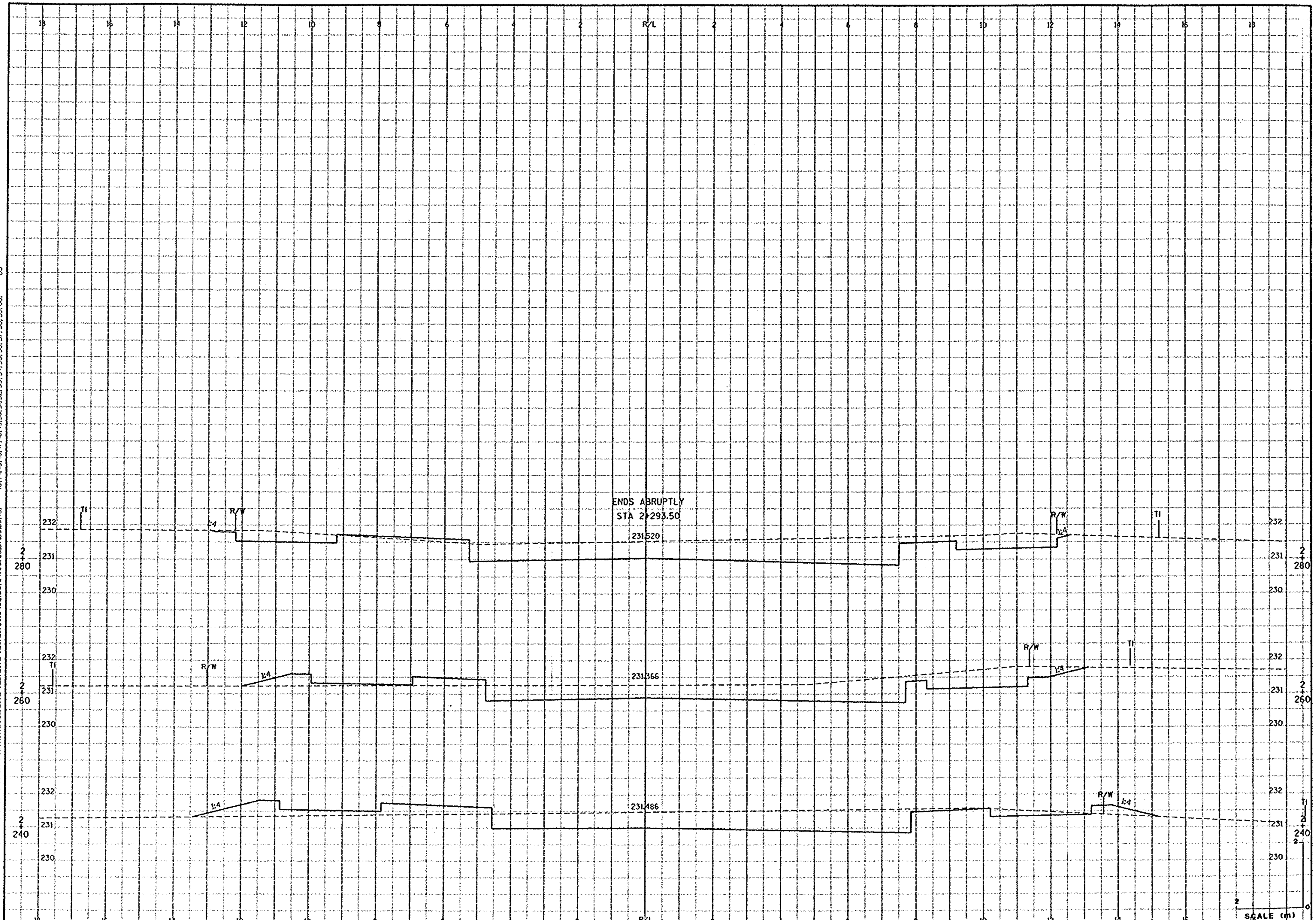
WISDOT: MSHT40



CROSS SECTIONS - ASHBURY DRIVE	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

PLOT SCALE: 1:
PLOT NAME: SEE FILE NAME
PLOT DATE: 10/18/99
TECH/ENGR: DPP/SGC
REV. DATE: / /
FILE NAME: E1339A /SHEETS /XSECT /XSASH01.DGN
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41, 43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



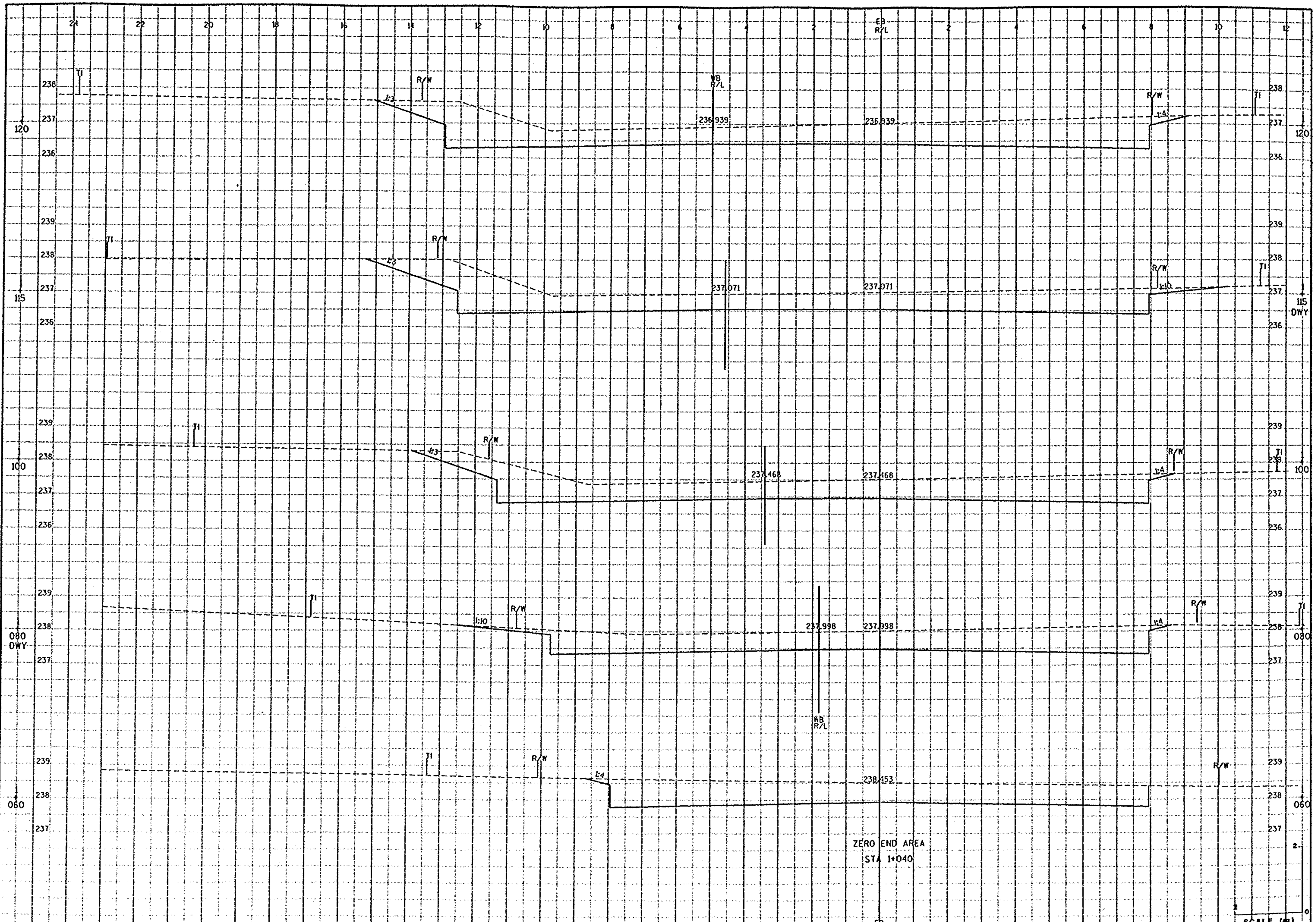
CROSS SECTIONS - ASHBURY DRIVE	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

FILE NAME: E1339A /SHEETS /XSECT /XDASH02.DGN TECH/ENGR: DFF/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /

LEVELS ON - 1, 3,4,5,6,7,8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60, 63

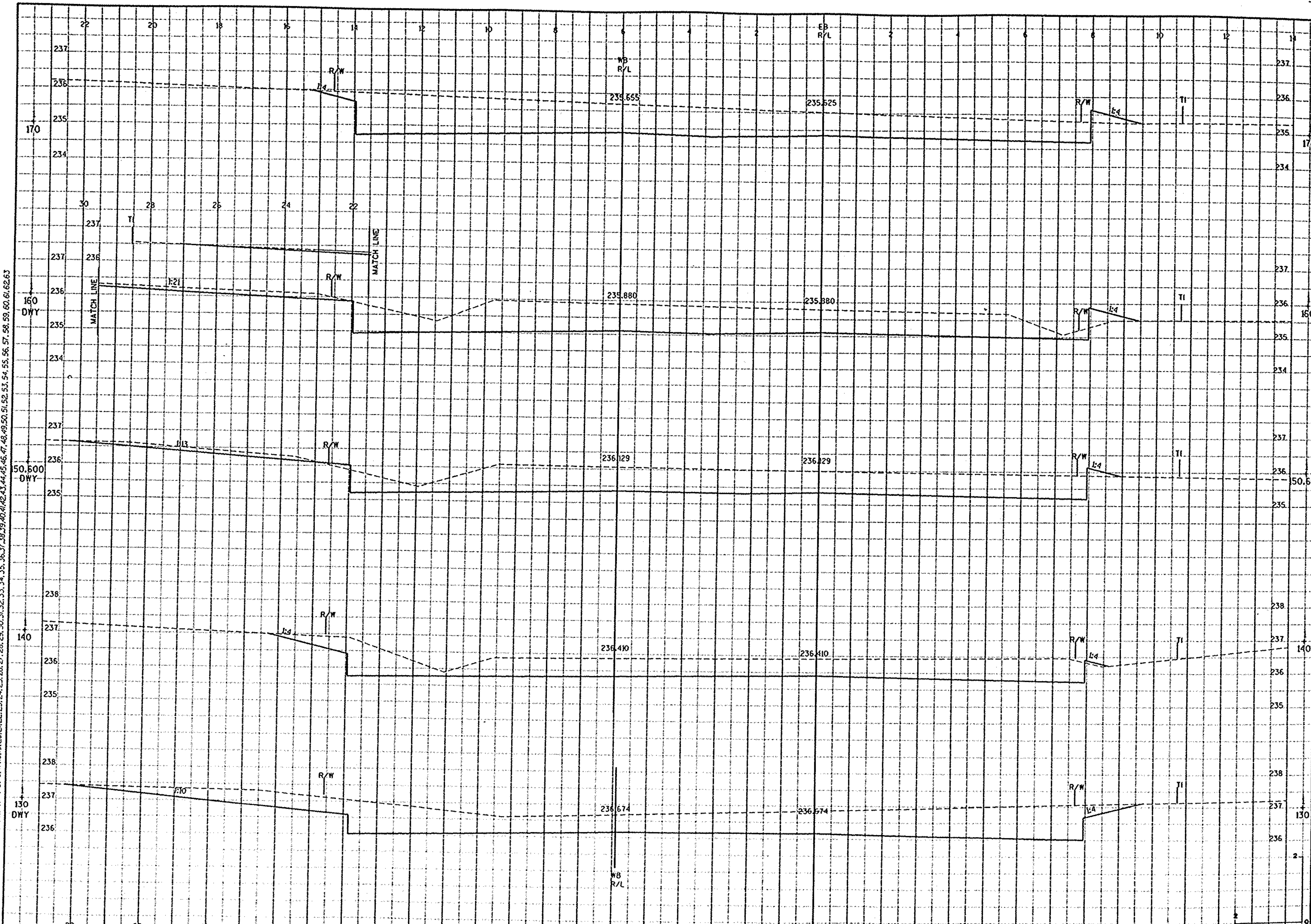
WISDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /XSJJ01 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON - 1, 3,4,5,6,7,8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CROSS SECTIONS - CTH JJ	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

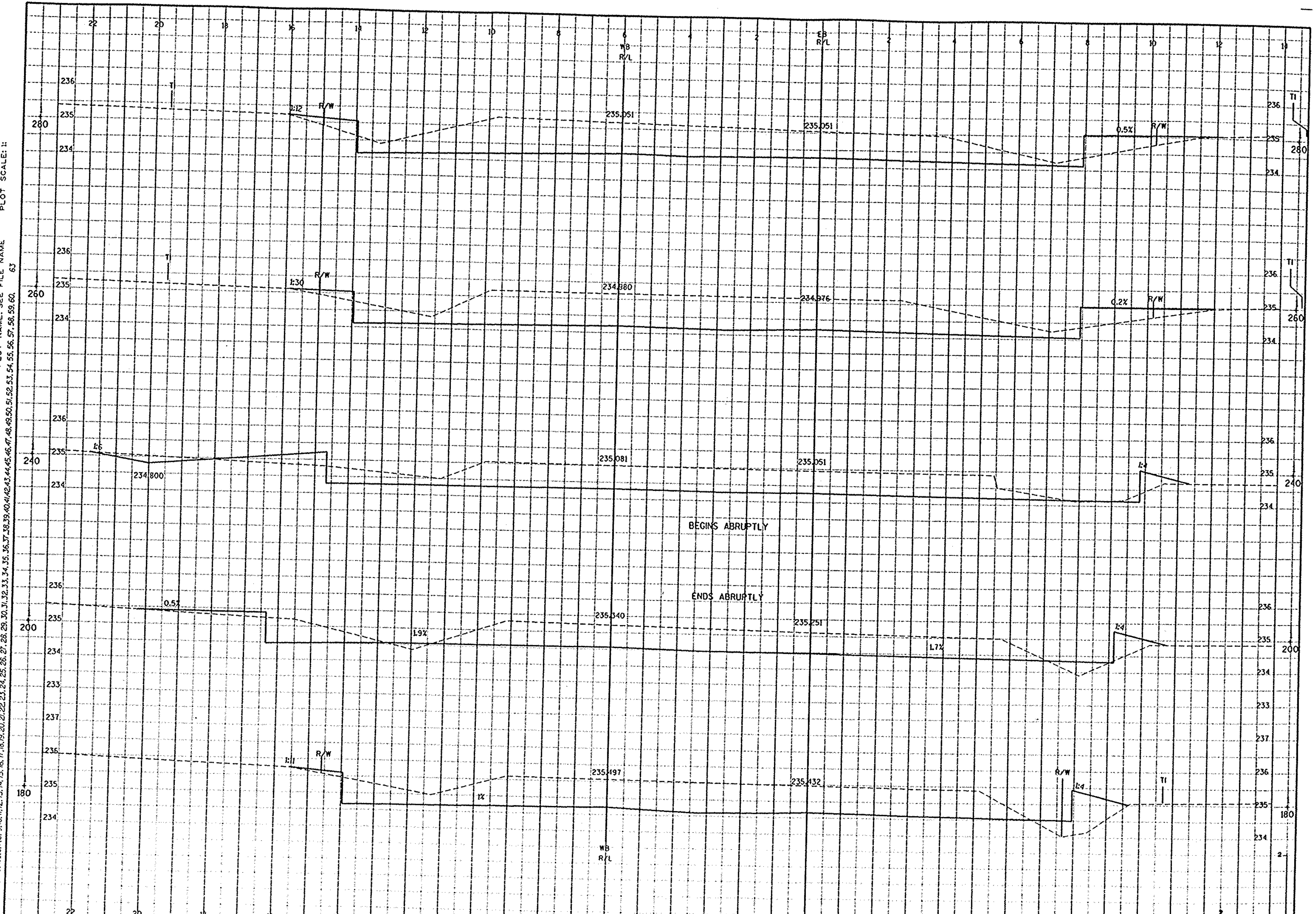
WISDOT: MSHT40



CROSS SECTIONS - CTH JJ	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

FILE NAME: E1339A /SHEETS /XSECT /XSJJ02 .DGN TECH/ENGR: DPP/SOC PLOT DATE: 00/00/00 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON : 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

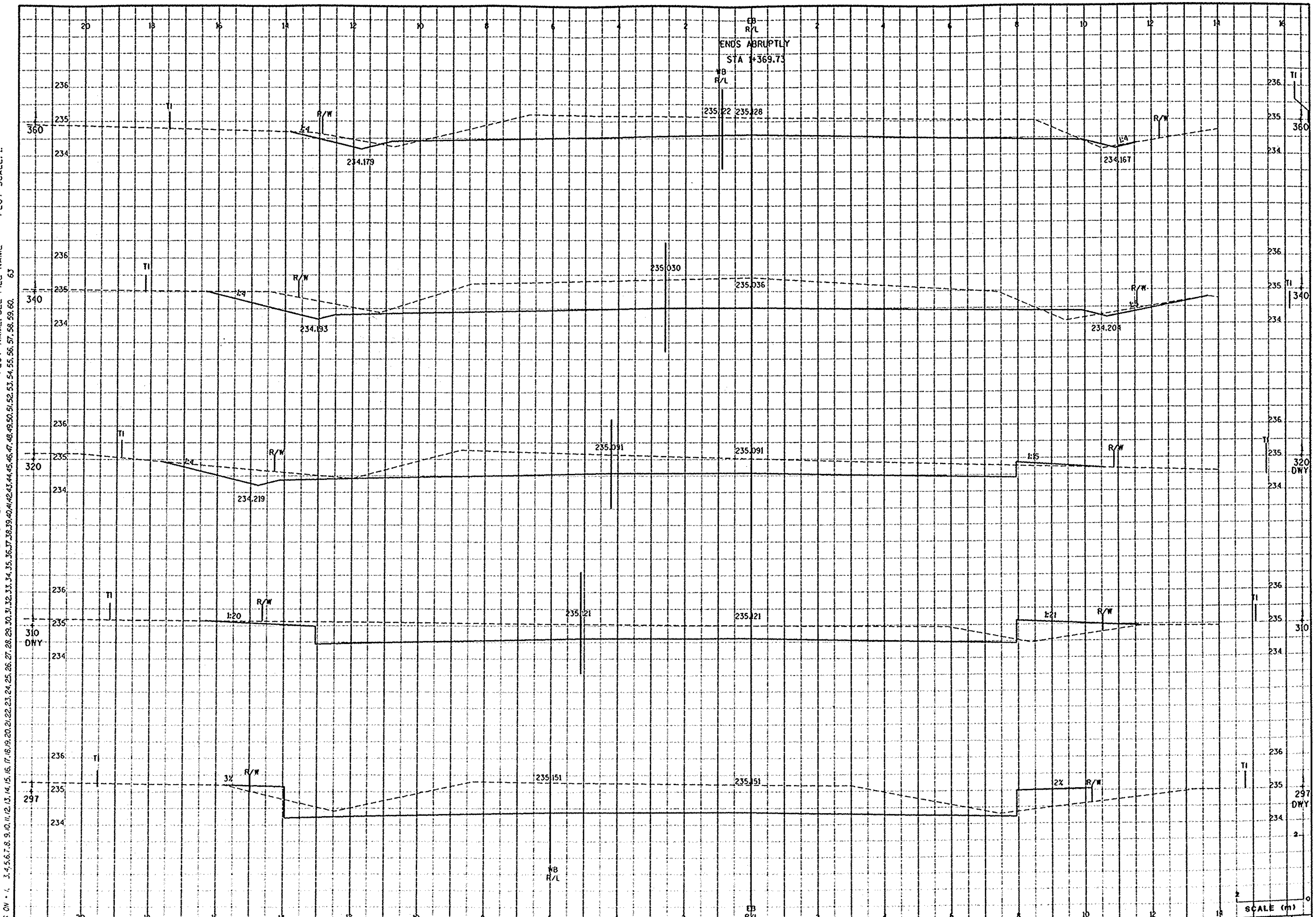
WisDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /XS1.I03 .DGN TECH/ENGR: OPP/SDC PLOT DATE: 05/05/99 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60, 63

CROSS SECTIONS - CTH JJ	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

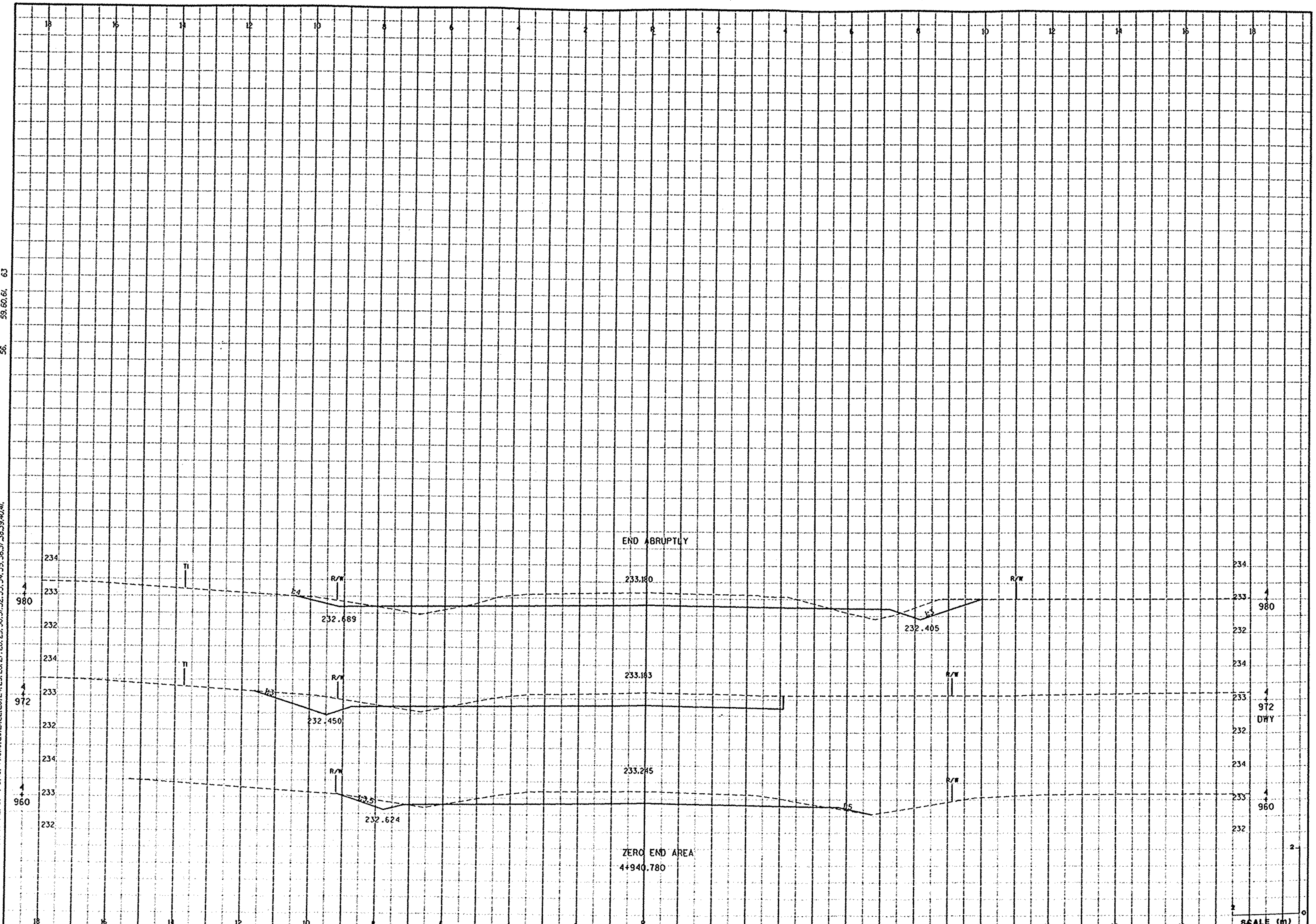
WisDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /XSJJ04 .DGN TECH/ENGR: DPP/SDC PLOT DATE: 05/05/99 PLOT NAME: SEE FILE NAME 63 PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON = 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,63

CROSS SECTIONS - CTH JJ	SCALE: 1:	HWY: CTH E	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-95	SHEET NO: .	M

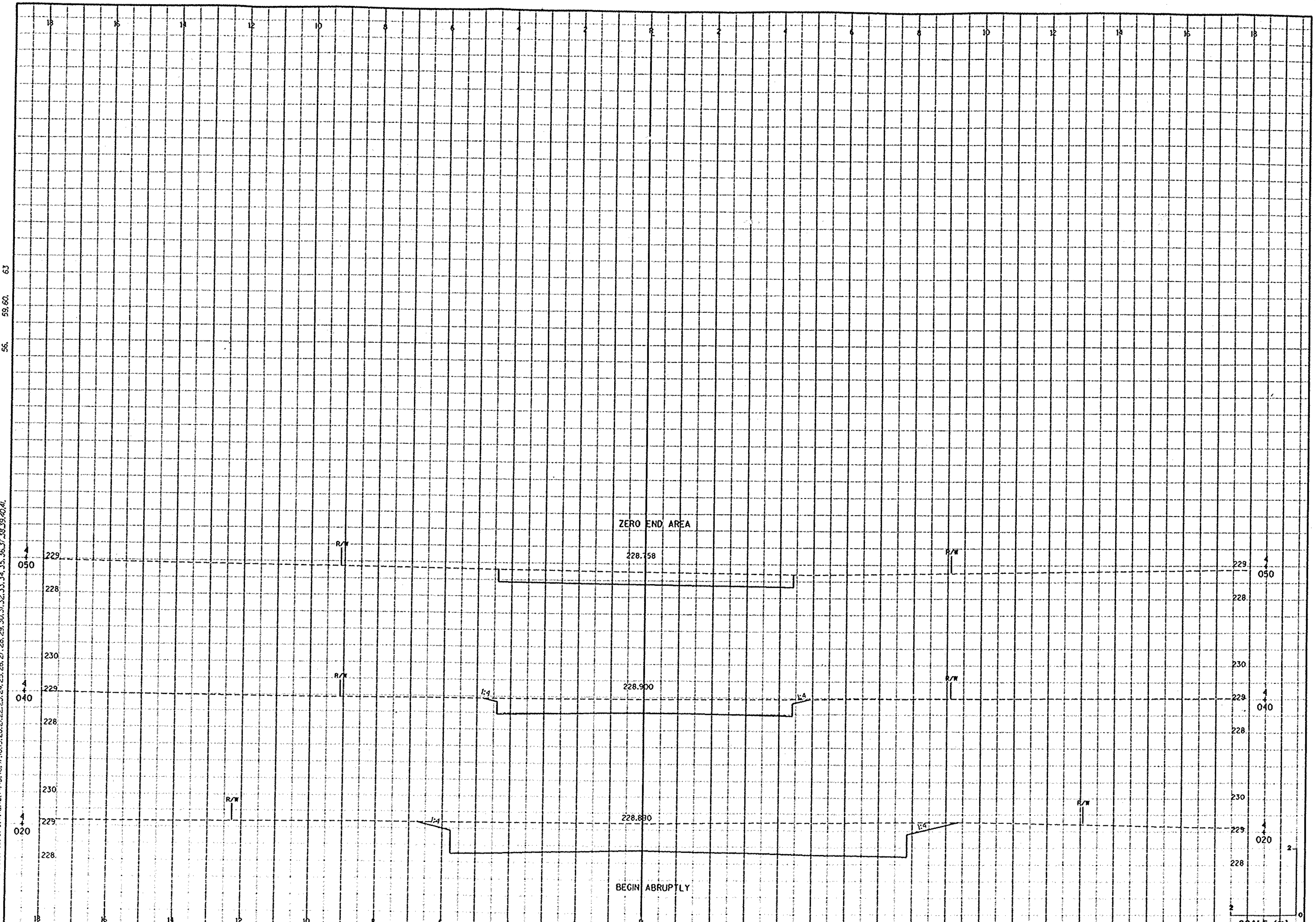
WISDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /XSMEMO1.DGN TECH/ENGR: DPP/SDO PLOT DATE: 10/18/99 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / /
LEVELS ON : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41, 56, 59,60,61, 63

CROSS SECTIONS - MEMORY LANE	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT40



FILE NAME: E1339A /SHEETS /XSECT /XSSILOT.DGN TECH/ENGR: DPP/SDC PLOT DATE: 10/10/00 PLOT NAME: SEE FILE NAME PLOT SCALE: ::

ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / 56. 59,60. 63

LEVELS ON: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41.

CROSS SECTIONS - SILVERLEAF COURT	SCALE: 1:	HWY: CTH E (N.BALLARD RD)	COUNTY: OUTAGAMIE	STATE PROJECT NO: 4984-00-97	SHEET NO: .	M

WISDOT: MSHT42