

REV. DATE: 6526-03-71
PLOT NAME: OUTAGAMIE
PLOT SCALE: 58,59.60
REV. DATE: 6526-03-71
PLOT NAME: OUTAGAMIE
PLOT SCALE: 58,59.60
FILE NAME: E12844/COUNTY /TITLECO .2DG TECH/ENGR: DFP/MAH PLOT DATE: 09/29/00

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

CTH CA & CASALOMA DRIVE INTERSECTION
LIGHTING AND TURNING LANE
CTH CA
OUTAGAMIE COUNTY

STATE PROJECT NUMBER
6526-03-71



BEGIN PROJECT

STA 2'WB'+078.728
Y = 171 398.584
X = 246 741.232

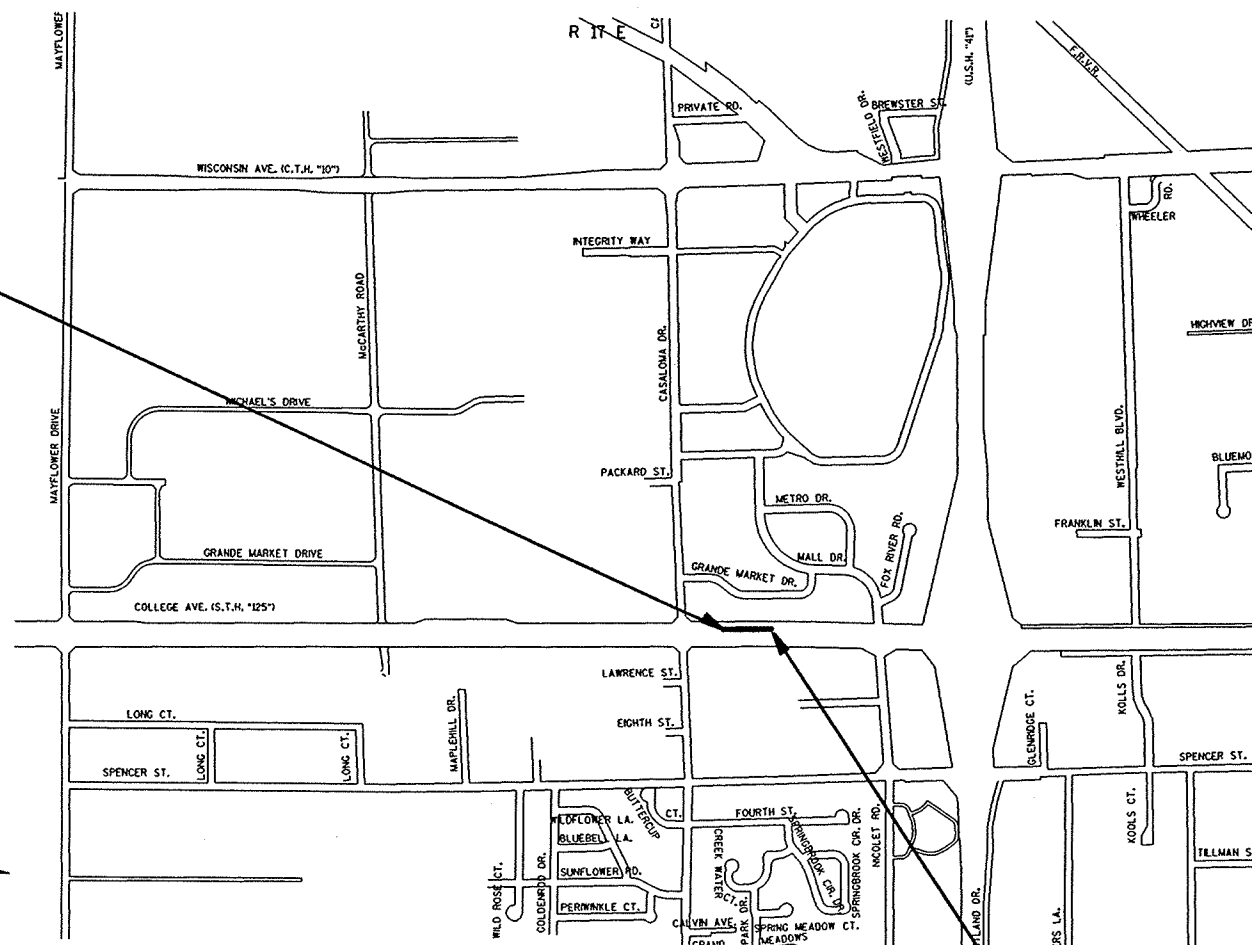
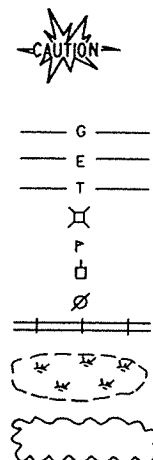
DESIGN DESIGNATION

ADT (1998)	=	28,280
ADT (2007)	=	32,410
ADT (2017)	=	37,000
D	=	60/40
T	=	6.7%
DESIGN SPEED	=	70 km/h

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	---
UNDERGROUND UTILITIES	---
GAS	---
ELECTRIC	---
TELEPHONE OR TELEGRAPH	---
SERVICE PEDESTAL	---
CABLE MARKER	---
POWER POLE	---
TELEPHONE POLE	---
RAILROAD	---
MARSH AREA	---
WOODED OR SHRUB AREA	---



END PROJECT
STA 2'WB'+260.000

LAYOUT
SCALE 0 .2 .4 km

TOTAL NET LENGTH OF CENTERLINE = 0.181km (URBAN)

NOTE:

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

STATE PROJECT

6526-03-71

FEDERAL PROJECT

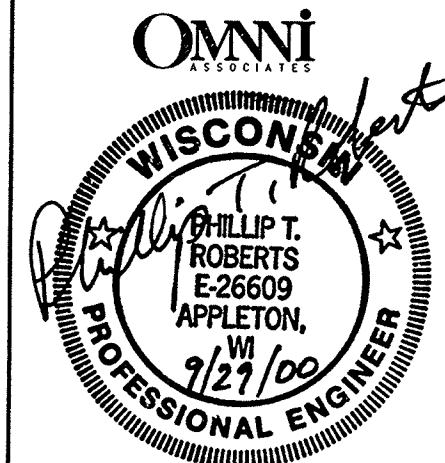
PROJECT

CONTRACT

N

ACCEPTED FOR
OUTAGAMIE COUNTY
10-2-00
(Date) *Alvin Burt*
(Signature)

ORIGINAL PLANS PREPARED BY



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	OMNI ASSOCIATES
Designer	OMNI ASSOCIATES
District Examiner	L. RINGBLOM
District Supervisor	J. LAMERS
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: E1284A /COUNTY / /CNI .2DG
ORIGINATOR: OMNII ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
LEVELS ON - 1,2

TECH/ENGR: DPP/PTR
PLOT DATE: 09/29/00
REV. DATE: / /

PLOT NAME: SEE FILE NAME

PLOT SCALE: 1:

56, 59,

STANDARD DETAIL DRAWINGS

SDD NUMBER	TITLE
8E9-5	SILT FENCE
9B2-6	CONDUIT
9B4-3	PULL BOX
9E1-3a	POLE MOUNTINGS FOR TRAFFIC SIGNALS, TYPE 2
9E1-3f	HARDWARE DETAILS FOR POLE MOUNTINGS
15C2-3	BARRICADES AND SIGNS FOR ROAD CLOSURES
15C8-8a	PAVEMENT MARKING (MAINLINE)
15C8-8b	PAVEMENT MARKING (INTERSECTIONS)
15D27-1	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

UTILITIES

ELECTRIC	WISCONSIN ELECTRIC POWER COMPANY P.O. BOX 1699 APPLETON, WISCONSIN 54913 ATTN: BUDGET ENGINEERING SUPERVISOR TELEPHONE: (920) 380-3359
TELEPHONE	AMERITECH 221 W. WASHINGTON STREET FOURTH FLOOR, OSPE APPLETON, WISCONSIN 54911 ATTN: MR. JOHN STUMPF CABLE LOCATE: (920) 735-3250
GAS	WISCONSIN ELECTRIC POWER CO - GAS DIVISION 800 SOUTH LYNNDAL DRIVE APPLETON, WISCONSIN 54912 ATTN: MR. DENNIS GIRARD TELEPHONE: (920) 380-3466
WATER AND SANITARY SEWER	GRAND CHUTE, SAN. DISTRICT 1 & 2 311 W. PROSPECT STREET APPLETON, WI 54914 ATTN: TODD PRAHL TELEPHONE: (920) 832-1581
CABLE TV	TIME WARNER CABLE P.O. BOX 145 KIMBERLY, WISCONSIN 54136 ATTN: MR. STEVE POEHLEIN TELEPHONE: (920) 738-3160
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 100 NORTH APPLETON STREET APPLETON, WISCONSIN 54911 ATTN: MR. GREG HANSON TELEPHONE: (920) 832-6474

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.

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

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.

GENERAL NOTES

SCALE: 1:

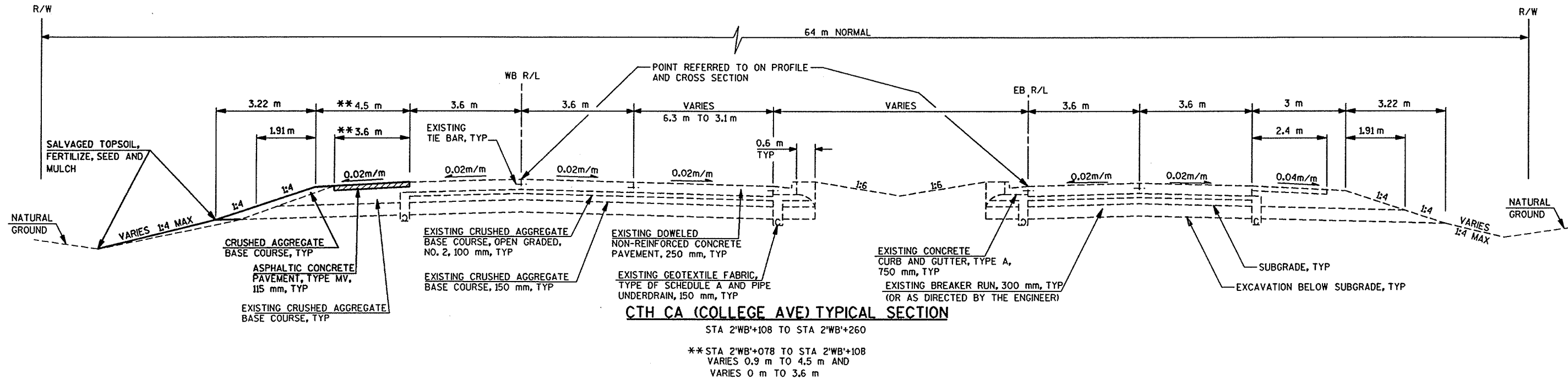
HWY: CTH CA

COUNTY: OUTAGAMIE

STATE PROJECT NO: 6526-03-71

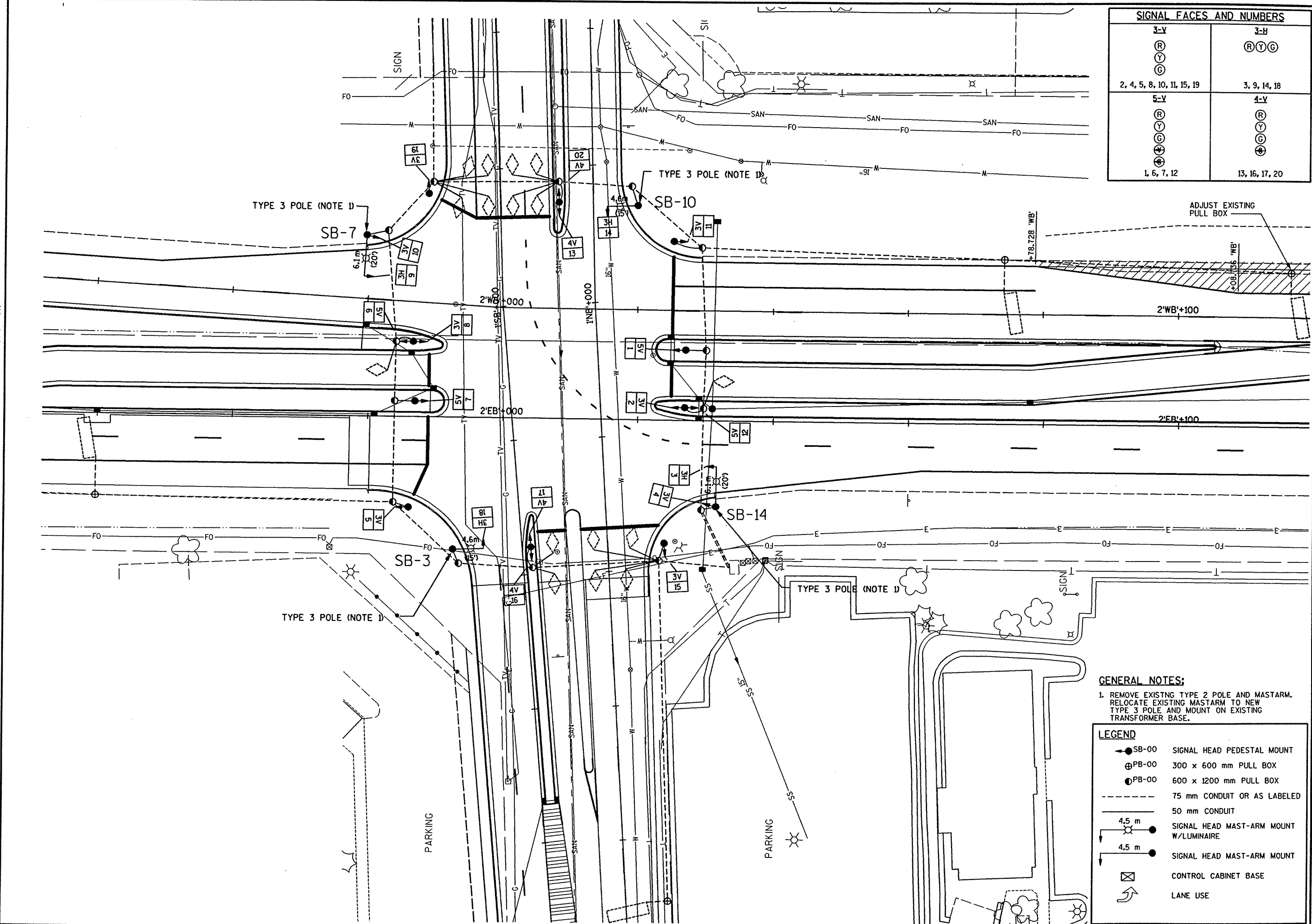
SHEET NO: 2.0

M



ASPHALTIC CONCRETE PAVEMENT, TYPE MV		
TOTAL THICKNESS	UPPER LAYER	LOWER LAYER
115 mm	50 mm	65 mm

FILE NAME: E12844 /COUNTY / /SC01 .DCN
TECH/ENGR: CRK/MAM
PLOT DATE: 09/29/00
ORIGINATOR: OMNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914-1654
REV. DATE: / /
PLOT NAME: SEE FILE NAME
56.57, 59.
PLOT SCALE: 1:1



SIGNAL FACES AND NUMBERS	
3-V R Y G 2, 4, 5, 8, 10, 11, 15, 19	3-H R Y G 3, 9, 14, 18
5-V R Y G 1, 6, 7, 12	4-V R Y G 13, 16, 17, 20

GENERAL NOTES:

1. REMOVE EXISTING TYPE 2 POLE AND MASTARM. RELOCATE EXISTING MASTARM TO NEW TYPE 3 POLE AND MOUNT ON EXISTING TRANSFORMER BASE.

LEGEND

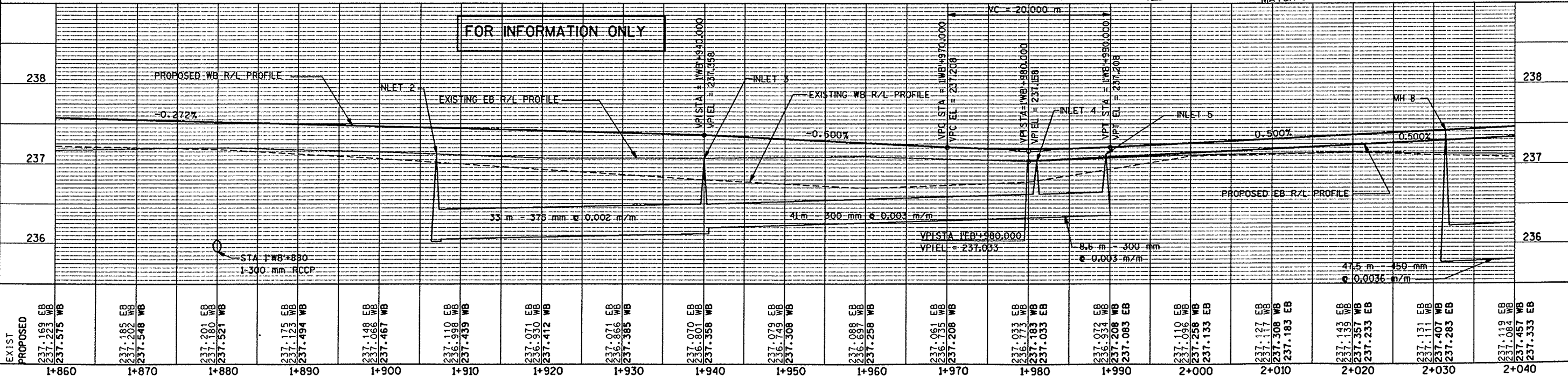
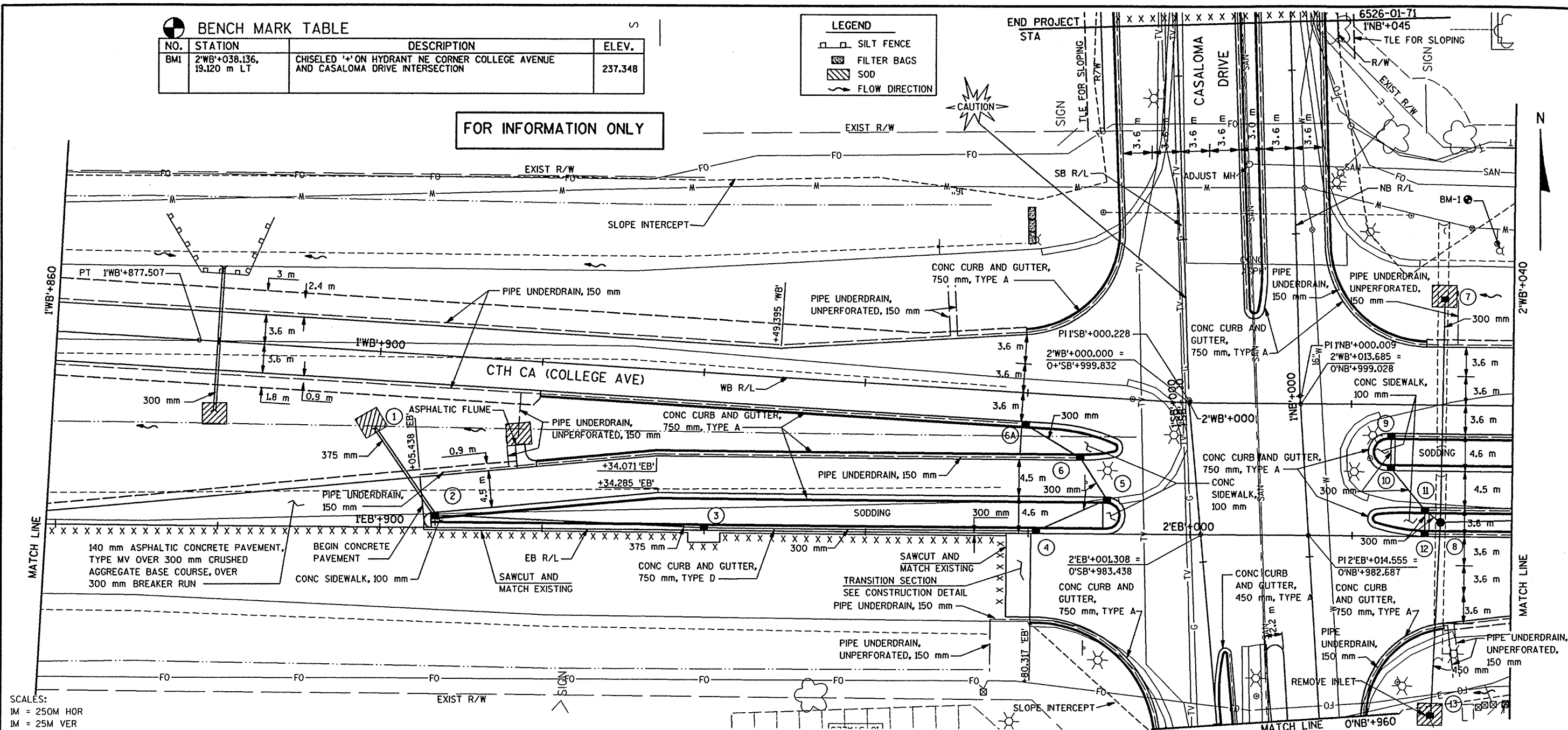
- SB-00 SIGNAL HEAD PEDESTAL MOUNT
- PB-00 300 x 600 mm PULL BOX
- PB-00 600 x 1200 mm PULL BOX
- 75 mm CONDUIT OR AS LABELED
- 50 mm CONDUIT
- 4.5 m SIGNAL HEAD MAST-ARM MOUNT W/LUMINAIRE
- 4.5 m SIGNAL HEAD MAST-ARM MOUNT
- CONTROL CABINET BASE
- LANE USE

FILE NAME: E1284A /COUNTY /QUANTITY/MQ01 .2DG ORIGINATOR: OMNII ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 LEVELS ON = 1. TECH/ENGR: SDC/SDC REV. DATE: / / PLOT DATE: 09/29/00 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:56, 59.	REMOVING ASPHALTIC SURFACE, MILLING			REMOVING PAVEMENT MARKING			EARTHWORK										
	STATION TO STATION LOCATION m2			STATION TO STATION LOCATION m			STATION	CUT AREA	FILL AREA	CUT VOL	FILL VOL	ADJ FILL	VOLCUT	TOTAL	ADJ FILL	MASS	
	2'WB'+093 - 2'WB'+260 CTH CA 400 (478 CY)			2'WB'+078 - 2'WB'+260 CTH CA 182 (600 LF)				m2	m2	m3	m3	(1.3) m3	m3	m3	m3	ORDINATE	
	CRUSHED AGGREGATE BASE COURSE			SAWING EXISTING PAVEMENT													
	STATION TO STATION LOCATION Mg			STATION LOCATION m													
	2'WB'+078 - 2'WB'+260 CTH CA 1 050 (1,157 TON)			2'WB'+260 CTH CA 3 (10 LF)													
	BORROW EXCAVATION																
	STATION TO STATION LOCATION m3																
	2'WB'+078 - 2'WB'+260 CTH CA 200 (261 CY)																
ASPHALTIC ITEMS			TYPE UF CABLE, 2 CONDUCTOR NO 12, GROUNDED, ITEM 65545			TRAFFIC SIGNALS											
STATION TO STATION LOCATION ASPHALTIC CONC PAVT TYPE MV Mg ASPHALTIC MATERIAL FOR PLANT MIX Mg TACK COAT L			FROM TO m			SIGNAL BASE NUMBER			POLES TYPE 3 ITEM 65703 EACH			LUMINAIRES, UTILITY, 250 W ITEM 65905 EACH			LUMINAIRE ARMS TRUSS TYPE, 115 mm CLAMP, 3.7 m ITEM 65936 EACH		
2'WB'+078.728 - 2'WB'+260 CTH CA 185 (204 TON) 12 (13 TON) 70 (19 GAL)			CB SB-14 40 SB-14 SB-10 80 CB SB-3 75 SB-3 SB-7 65 TOTALS 260 (853 LF)			SB-3 SB-7 SB-10 SB-14			1 1 1 1			1 1 1 1			1 1 1 1		
SALVAGED TOPSOIL, SEED, FERTILIZER AND MULCH						TOTALS			TOTALS			TOTALS			TOTALS		
STATION TO STATION LOCATION SALVAGED TOPSOIL m2 MULCHING m2 FERTILIZER MIXTURE kg SEEDING MIXTURE NO 40 kg																	
2'WB'+078 - 2'WB'+260 CTH CA 700 (837 SY) 700 (837 SY) 25 (1 CWT) 7 (15 LBS)																	
SILT FENCE			ADJUSTING EXISTING PULL BOX, ITEM 90005A														
STATION TO STATION LOCATION DELIVERED AND INSTALLED m MAINTENANCE m			LOCATION EACH														
2'WB'+140, LT CTH CA 10 20 UNDISTRIBUTED 5 10 TOTALS 15 30 (50 LF) (100 LF)			2'WB'+117, LT 1														
PAVEMENT MARKING, PAINT																	
STATION TO STATION LOCATION EDGE LINE 100 mm (WHITE) CHANNELIZING 200 mm (WHITE)																	
2'WB'+078 - 2'WB'+260 CTH CA 182 --- 2'WB'+078 - 2'WB'+230 CTH CA --- 152 TOTALS 182 152 (600 LF) (500 LF)																	
MISCELLANEOUS QUANTITIES			HWY: CTH CA			COUNTY: OUTAGAMIE			STATE PROJECT NO: 6526-03-71			SHEET NO: .			M		

BENCH MARK TABLE			
NO.	STATION	DESCRIPTION	ELEV.
BMI	2'WB+038.136, 19.120 m LT	CHISELED '4' ON HYDRANT NE CORNER COLLEGE AVENUE AND CASALOMA DRIVE INTERSECTION	237.348

LEGEND	
	SILT FENCE
	FILTER BAGS
	SOD
	FLOW DIRECTION

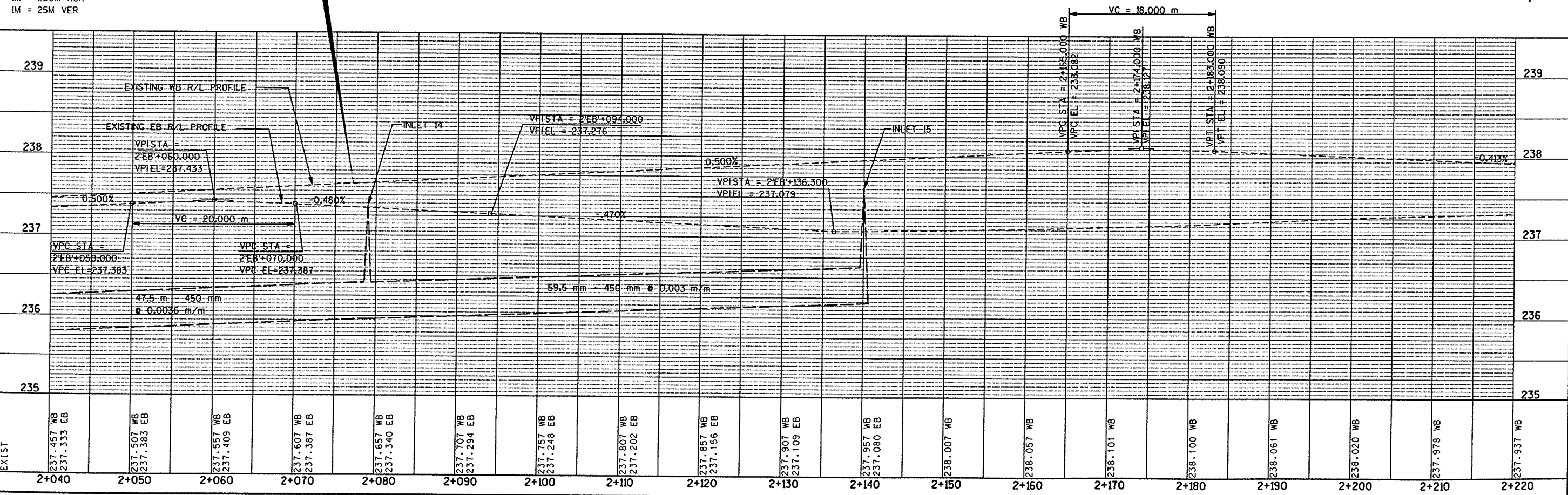
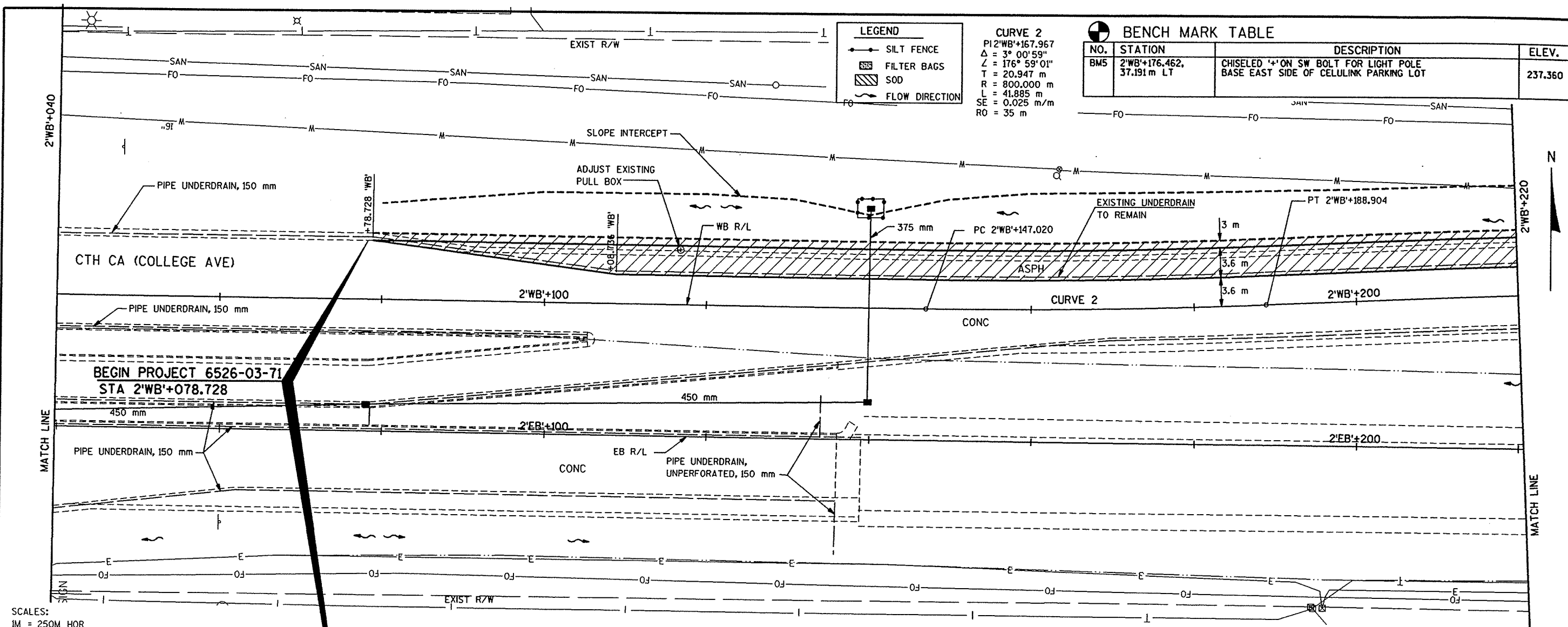
FOR INFORMATION ONLY



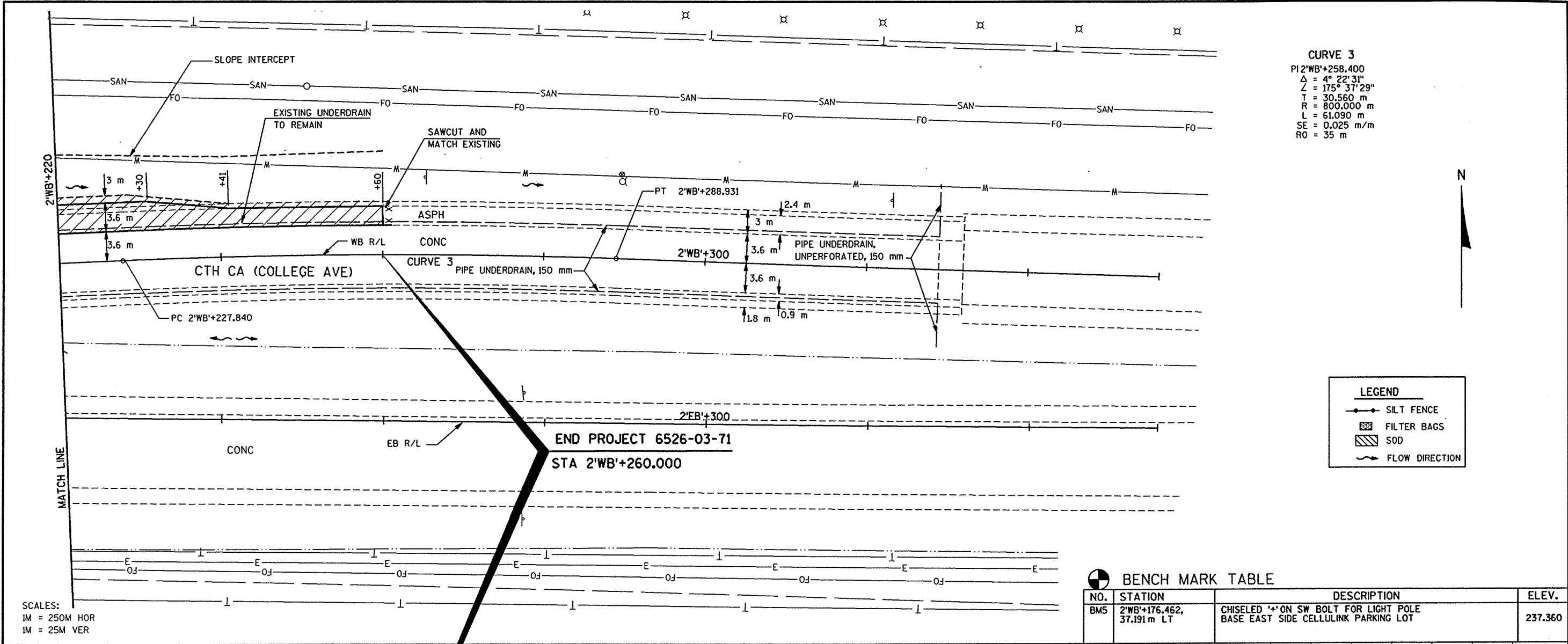
PLAN AND PROFILE - CTH CA (COLLEGE AVE)		HWY: CTH CA	COUNTY: OUTAGAMIE	STATE PROJECT NO: 6526-03-71	SHEET NO: .	M
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FILE NAME: E12844 /COUNTY /PPO2 / DGN
 ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1694
 LEVELS ON: 1, 2, 3, 4, 5, 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
 TECH/ENGR: DPP/MAH PLOT DATE: 09/29/00
 REV. DATE: / / PLOT SCALE: 1:1

FILE NAME: E1284A /COUNTY /PPO3 / DGN TECH/ENGR: DPP/PTR PLOT DATE: 09/29/00 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1
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



FILE NAME: E1284A /COUNTY /PPO4 /DGN TECH/ENGR: DPP/PTR PLOT DATE: 09/29/00 PLOT NAME: SEE FILE NAME PLOT SCALE: 1:1
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



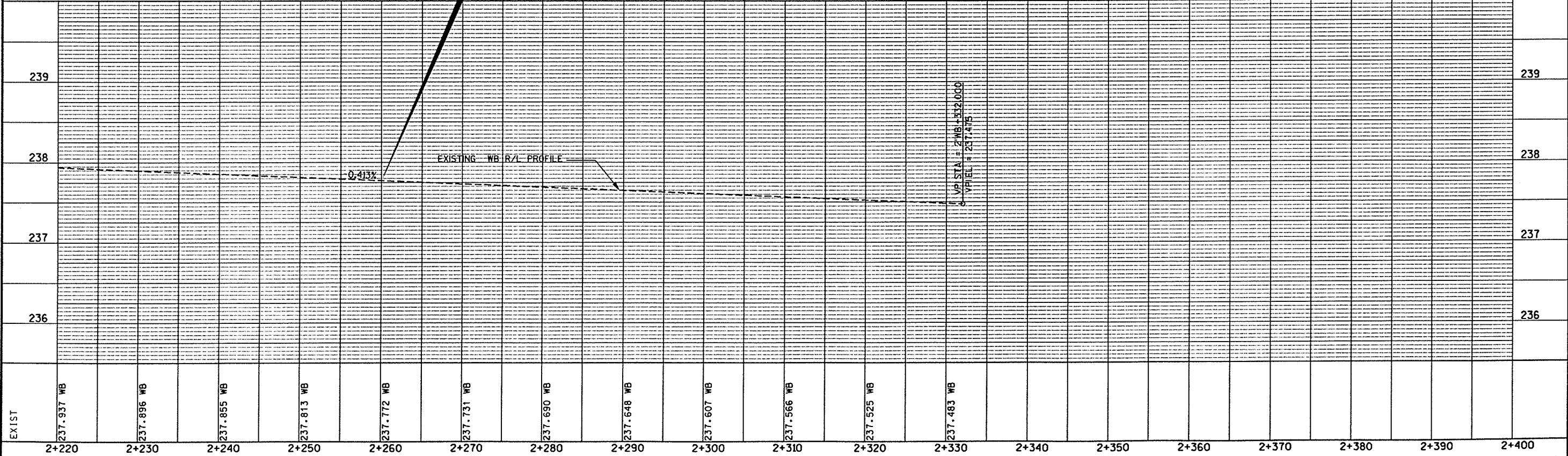
CURVE 3
PI 2'WB'+258.400
 $\Delta = 4^\circ 22' 31''$
 $L = 175^\circ 37' 29''$
T = 30.560 m
R = 800.000 m
L = 61.090 m
SE = 0.025 m/m
RO = 35 m

LEGEND

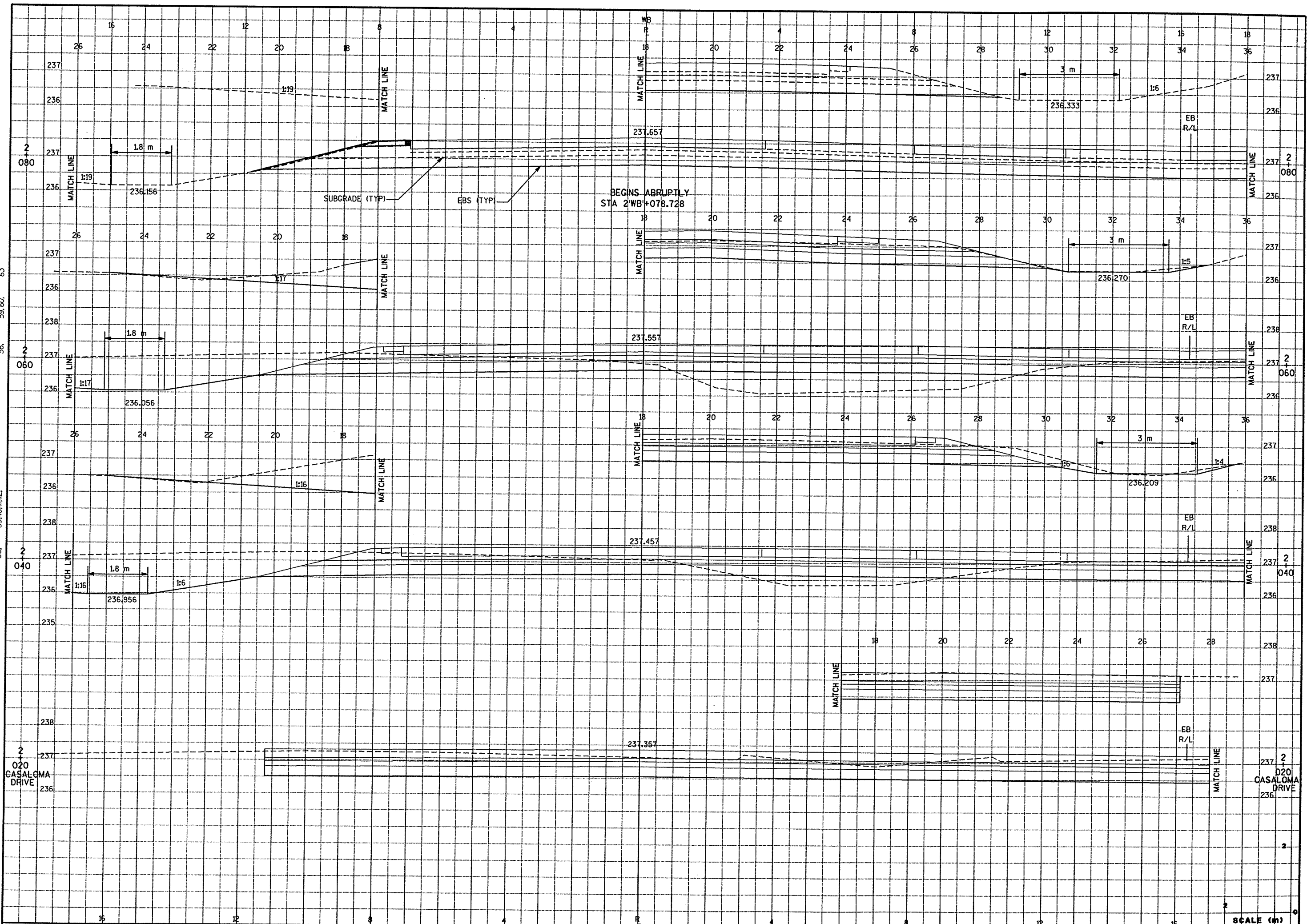
- SILT FENCE
- FILTER BAGS
- SOD
- FLOW DIRECTION

SCALES:
1M = 250M HOR
1M = 25M VER

BENCH MARK TABLE			
NO.	STATION	DESCRIPTION	ELEV.
BM5	2'WB'+176.462, 37.191 m LT	CHISELED '4' ON SW BOLT FOR LIGHT POLE BASE EAST SIDE CELLULINK PARKING LOT	237.360



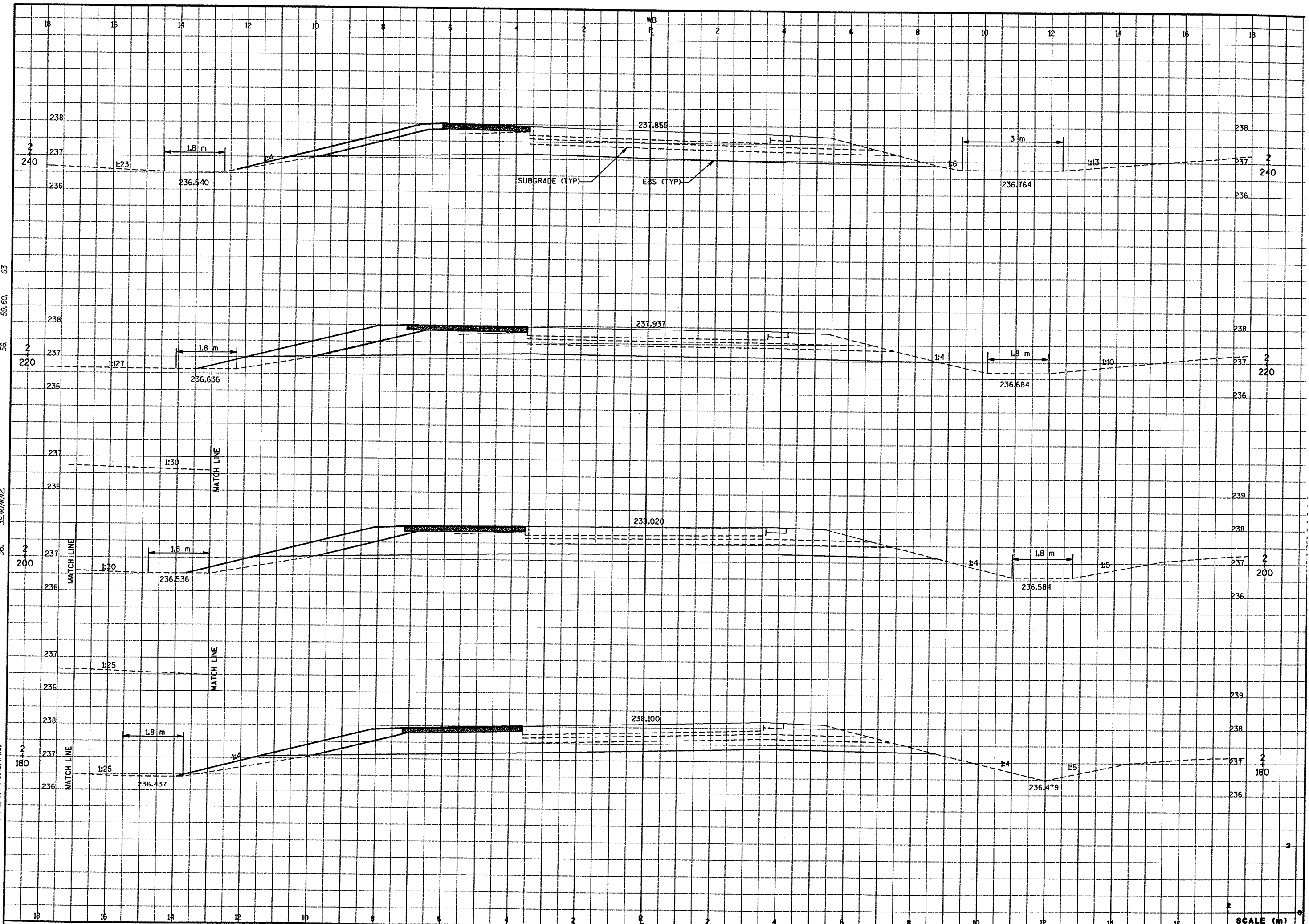
PLOT NAME: SEE FILE NAME
56. 59.60. 63 PLOT SCALE: 1:



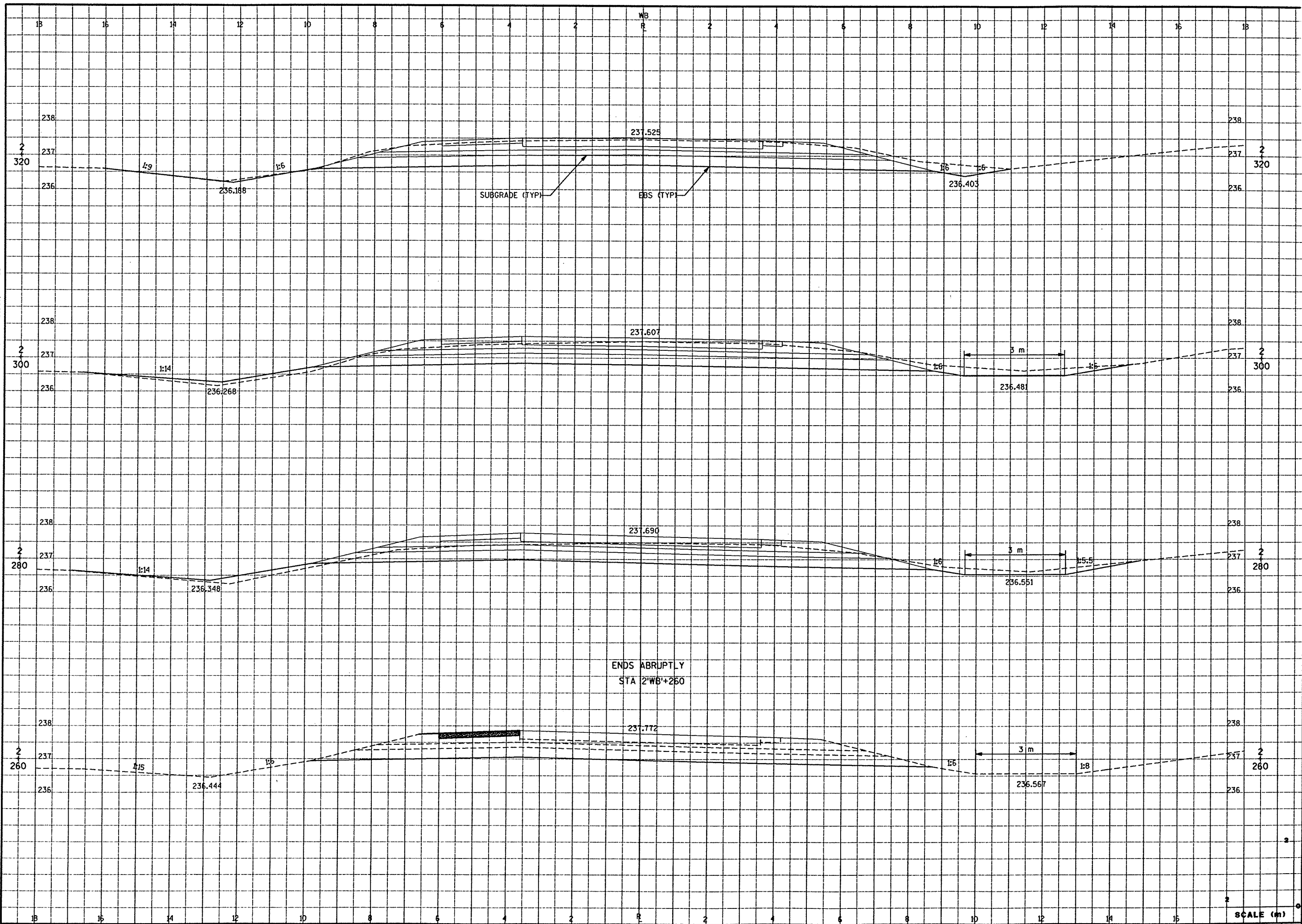
CROSS SECTIONS - CTH CA (COLLEGE AVE)	SCALE: 1:	HWY: CTH CA	COUNTY: OUTAGAMIE	STATE PROJECT NO: 6526-03-71	SHEET NO: .	M
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FILE NAME: E1284A /COUNTY /XSECT /XCO107 .DCN
ORIGINATOR: OMNIA ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 36, 39, 40, 41, 42
TECH/ENGR: ddp/sdc
REV. DATE: / /
PLOT DATE: 09/29/00

PLOT NAME: SEE FILE NAME
59, 60, 63
56



PLOT NAME: SEE FILE NAME
56. 59.60. 63 PLOT SCALE: 1:



CROSS SECTIONS - CTH CA (COLLEGE AVE)

SCALE: 1:

HWY: CTH CA

COUNTY: OUTAGAMIE

STATE PROJECT NO: 6526-03-71

SHEET NO:

M