CONVENTIONAL SIGNS AND ABBREVIATIONS

TOWN OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
PROPOSED OR NEW R/W LINE
EXISTING R/W LINE
LOT LINE
PROPERTY LINE
(Size) W WATER
(Size) G GAS
T TELEPHONE OR TELEGRAPH
E ELECTRIC
TV CABLE TELEVISION
FO FIBER OPTIC
(Size) SAN SANITARY SEWER
(Size) SS STORM SEWER
CAUTION NOTATION FOR COMBUSTIBLE FLUIDS
TYPE BUILDING

NO ACCESS (By Previous Acquisition)
NO ACCESS (By Acquisition)
NO ACCESS (By Statutory Authority)
CORPORATE LIMITS
SECTION CORNER (FOUND RECORDED MONUMENT)
IRON PIN (FOUND)
(3/4" RBAR) RIGHT OF WAY MONUMENT (SET)
TRIANGULATION POINT OR HORIZONTAL CONTROL STATION
TEMPORARY INTEREST
PERMANENT LIMITED EASEMENT
HIGHWAY EASEMENT

AC	ACRE	PT	POINT OF TANGENCY
AH	AHEAD	POC	POINT ON CURVE
AP	ACCESS POINT	POT	POINT ON TANGENT
AR-VXXX/ PXXX	BASIS OF ACCESS RIGHTS	R	RADIUS
BK	BACK	R	RANGE
℄ OR C/L	CENTER LINE	℄ OR R/L	RERERENCE LINE
CO	COUNTY	REM	REMAINING
CTH	COUNTY TRUNK HIGHWAY	REQD	REQUIRED
CULV	CULVERT	RT	RIGHT
(D)	DEED	R/W	RIGHT-OF-WAY
D	DEGREE OF CURVE	SEC	SECTION
E	EAST	S	SOUTH
EB	EASTBOUND	SB	SOUTHBOUND
EXIST	EXISTING	SF OR SQ FT	SQUARE FEET
INT	INTERSECTION	STH	STATE TRUNK HIGHWAY
I	INTERSECTION ANGLE	STA	STATION
IP	IRON PIPE OR PIN	SUBD	SUBDIVISION
LC	LAND CONTRACT	SL OR S/L	SURVEY LINE
LT	LEFT	T	TANGENT
L	LENGTH OF CURVE	TI	TEMPORARY INTEREST
LIN FT OR LF	LINEAR FOOT	T OR TN	TOWN
LC	LONG CHORD OF CURVE	USH	UNITED STATES HIGHWAY
MH	MANHOLE	WB	WESTBOUND
N	NORTH	X	EAST GRID COORDINATE
NB	NORTHBOUND	Y	NORTH GRID COORDINATE
NC	NO CHANGE		
NO	NUMBER		
NTS	NOT TO SCALE		
OL	OUT LOT		
PLE	PERMANENT LIMITED EASEMENT		
PC	POINT OF CURVATURE		
PI	POINT OF INTERSECTION		
PRC	POINT OF REVERSE CURVATURE		

	NON-COMPENSABLE	COMPENSABLE
SERVICE PEDESTAL	⌑	⌑
POWER POLE	⌑	⌑
TELEPHONE POLE	⌀	⌀
SIGN	⌑	⌑

NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COORDINATE SYSTEM, CENTRAL ZONE.
ALL PLAT DISTANCES ARE GROUND LENGTH.

RIGHT-OF-WAY MONUMENTS ARE ¾" RBAR WITH CAP AND WILL BE 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 SYSTEM OR OTHER SURVEYS OF PUBLIC RECORD.

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
2002-138-20	4.1	5
FEDERAL PROJECT NUMBER		

PLAT OF RIGHT-OF-WAY REQUIRED FOR
CTH S - HAUSER ROAD

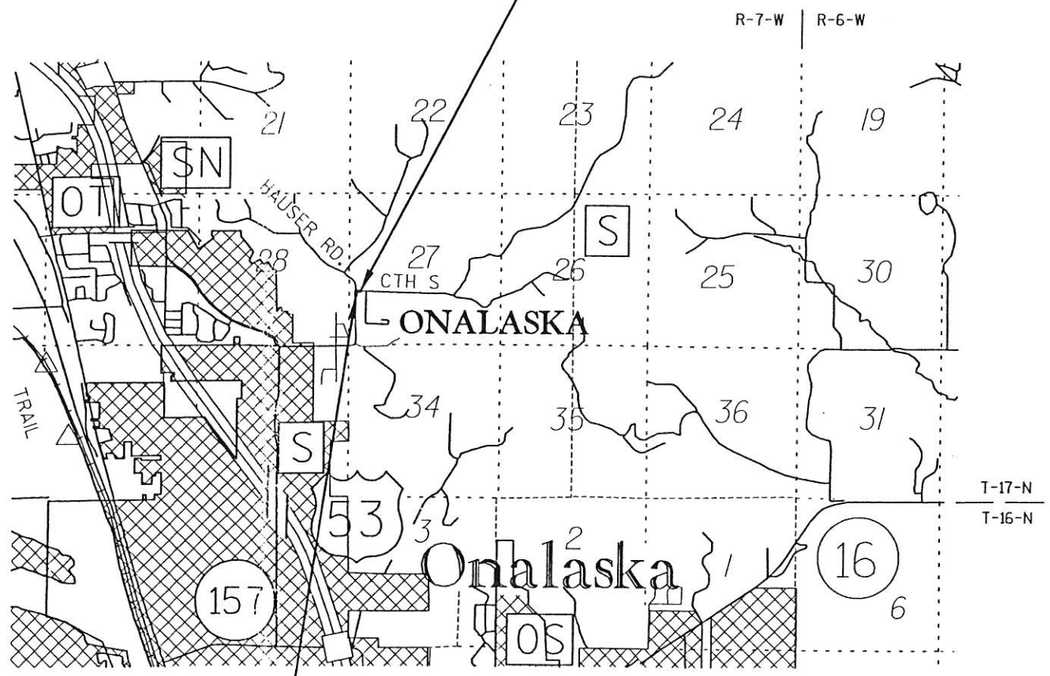
CTH S — LA CROSSE COUNTY

CONSTRUCTION PROJECT NUMBER
2002-138

END RELOCATION ORDER
STA. 107+00.00

720.29 FEET SOUTH OF AND 421.68 FEET EAST OF THE WEST QUARTER CORNER OF SECTION 27, TOWNSHIP 17 NORTH, RANGE 7 WEST.

Y = 701427.63
X = 1650050.42



BEGIN RELOCATION ORDER
STA. 100+00.00

1,113.21 FEET SOUTH OF AND 11.03 FEET WEST OF THE WEST QUARTER CORNER OF SECTION 27, TOWNSHIP 17 NORTH, RANGE 7 WEST.

Y = 701034.71
X = 1649617.71

LAYOUT
SCALE 0 — 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.133 MI.

87

REVISION DATE
4-2-04 JTM
5-6-04 JTM

ACCEPTED FOR
County of La Crosse

3-9-04 Dennis Osgood - Hwy Com
(Date) (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY
Fleming, Andre & Associates, Inc.
Consulting Engineers

WISCONSIN JOHN T. MUELLER 2454 CHIPPEWA FALLS WI LAND SURVEYOR

3-9-04
(Date) (Signature)

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. (NA = NOT AVAILABLE)
• = CONDOMINIUM UNIT (H.E. = HIGHWAY EASEMENT)

PARCEL NUMBER	SHEET NUMBER	OWNERS	INTEREST REQUIRED	TOTAL ACRES		R/W ACRES REQUIRED NEW		R/W ACRES REQUIRED EXISTING		R/W ACRES REQUIRED TOTAL		TOTAL ACRES REMAINING		TI ACRES		PLE/HE ACRES	
1	4.3, 4.5	MARY E. DEBOER	TI	0.53	AC	0.00	AC	0.00	AC	0.00	AC	0.53	AC	0.03	AC	0.00	AC
2	4.3, 4.5	GERALD L. & DAPHNE L. MONTI	FEE & TI	0.53	AC	0.03	AC	0.00	AC	0.03	AC	0.50	AC	0.07	AC	0.00	AC
3	4.3 - 4.5	HUBERT & BARBARA HOFFMAN	FEE & TI	1.13	AC	0.32	AC	0.02	AC	0.34	AC	0.79	AC	0.11	AC	0.00	AC
4	4.3	ERIC B. & SANDRA A. NISSEN	TI	1.38	AC	0.00	AC	0.00	AC	0.00	AC	1.38	AC	0.11	AC	0.00	AC
5		RESERVED		0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
6	4.3, 4.4	DENNIS P. & DEBORA A. KEARNS	TI	1.21	AC	0.00	AC	0.00	AC	0.00	AC	1.21	AC	0.05	AC	0.00	AC
7	4.3, 4.4	WELLINGTON GREENS, LLC	TI	0.28	AC	0.00	AC	0.00	AC	0.00	AC	0.28	AC	0.01	AC	0.00	AC
8	4.4	DAIRYLAND POWER COOPERATIVE	TI	2.50	AC	0.00	AC	0.00	AC	0.00	AC	2.50	AC	0.05	AC	0.00	AC
9	4.3, 4.4	HARTER TRUCKING, INC.	FEE	15.24	AC	0.01	AC	0.00	AC	0.01	AC	15.23	AC	0.00	AC	0.00	AC
10	4.3 - 4.5	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS AND TEMPORARY RELEASE OF EASEMENT														
11	4.3 - 4.5	SCOTT RICHGELS & CHARLOTTE F. FERGUSON	FEE & TI	0.27	AC	0.01	AC	0.00	AC	0.01	AC	0.26	AC	0.01	AC	0.00	AC
12	4.3, 4.5	RICHARD D. KILDOW JR. & RUTH ANN KILDOW	TI	0.74	AC	0.00	AC	0.00	AC	0.00	AC	0.74	AC	0.11	AC	0.00	AC
13				0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
14				0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
15				0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
20	4.3 - 4.5	CENTURYTEL	RELEASE OF RIGHTS														
[redacted]	4.3 - 4.5	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS														

RIGHT OF WAY COORDINATES

POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
20000	701631.08	1649657.23	30005	701034.67	1649584.71	40011	701391.96	1649907.38	70120	701388.57	1650018.84
20006	701588.71	1649657.23	30006	701387.65	1650049.20	40004	701390.18	1649965.93	70127	701406.88	1649584.33
20007	701748.78	1649626.97	30007	701460.61	1650051.42	40005	701470.37	1649730.23			
30000	701406.69	1649625.45	40007	701172.72	1649650.57	40006	701480.74	1649656.00			
30004	701034.74	1649650.71	40009	701195.56	1649655.57	70054	701588.76	1649655.01			

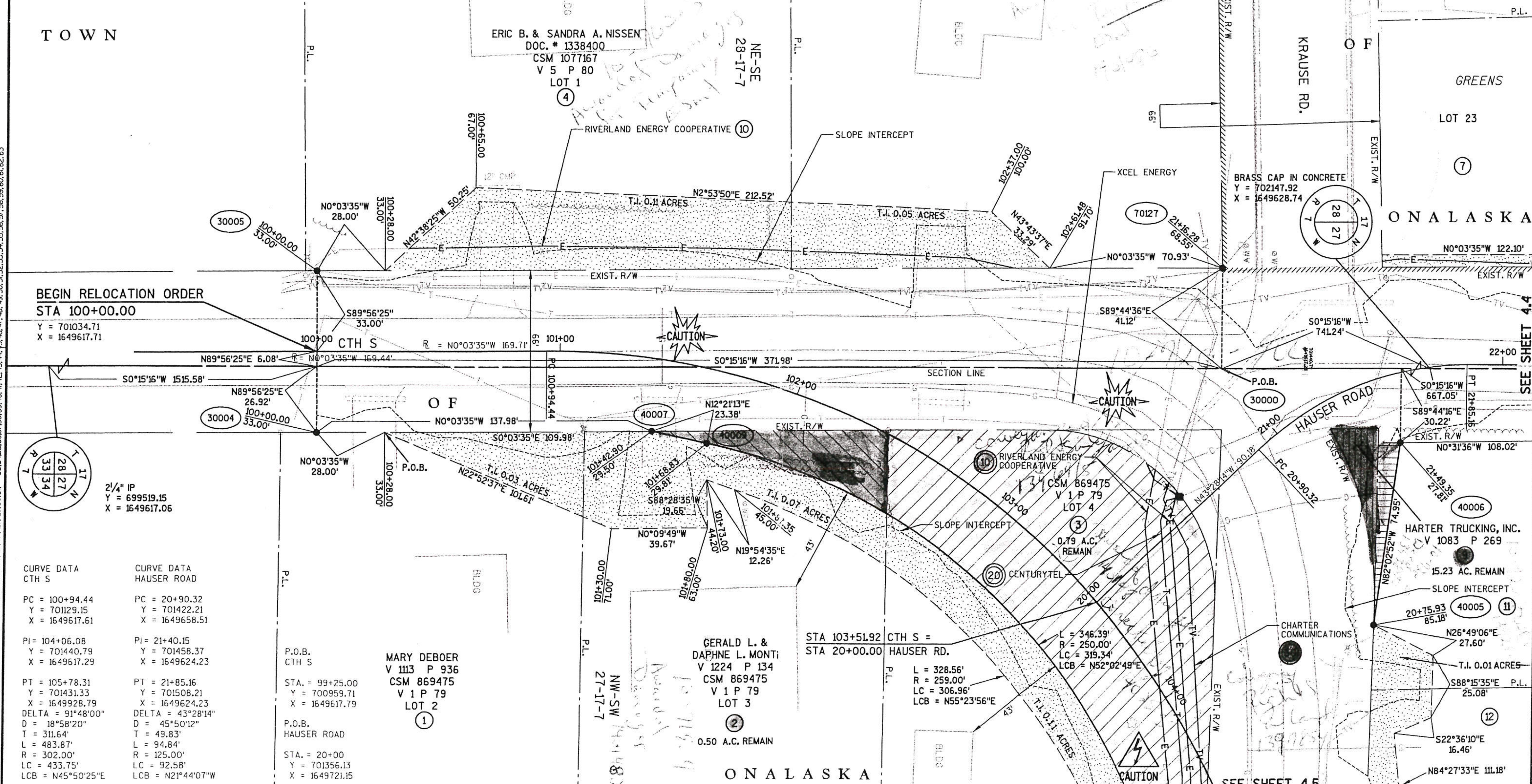
4

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

REVISION DATE	DATE	SCALE, FEET	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.2	
4-2-04 5-6-04	3-8-04	0 N/A	COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO:	E

FILE NAME : f:\drawings\2002-138\0001\4002.dgn PLOT DATE : 5/6/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 100 ft

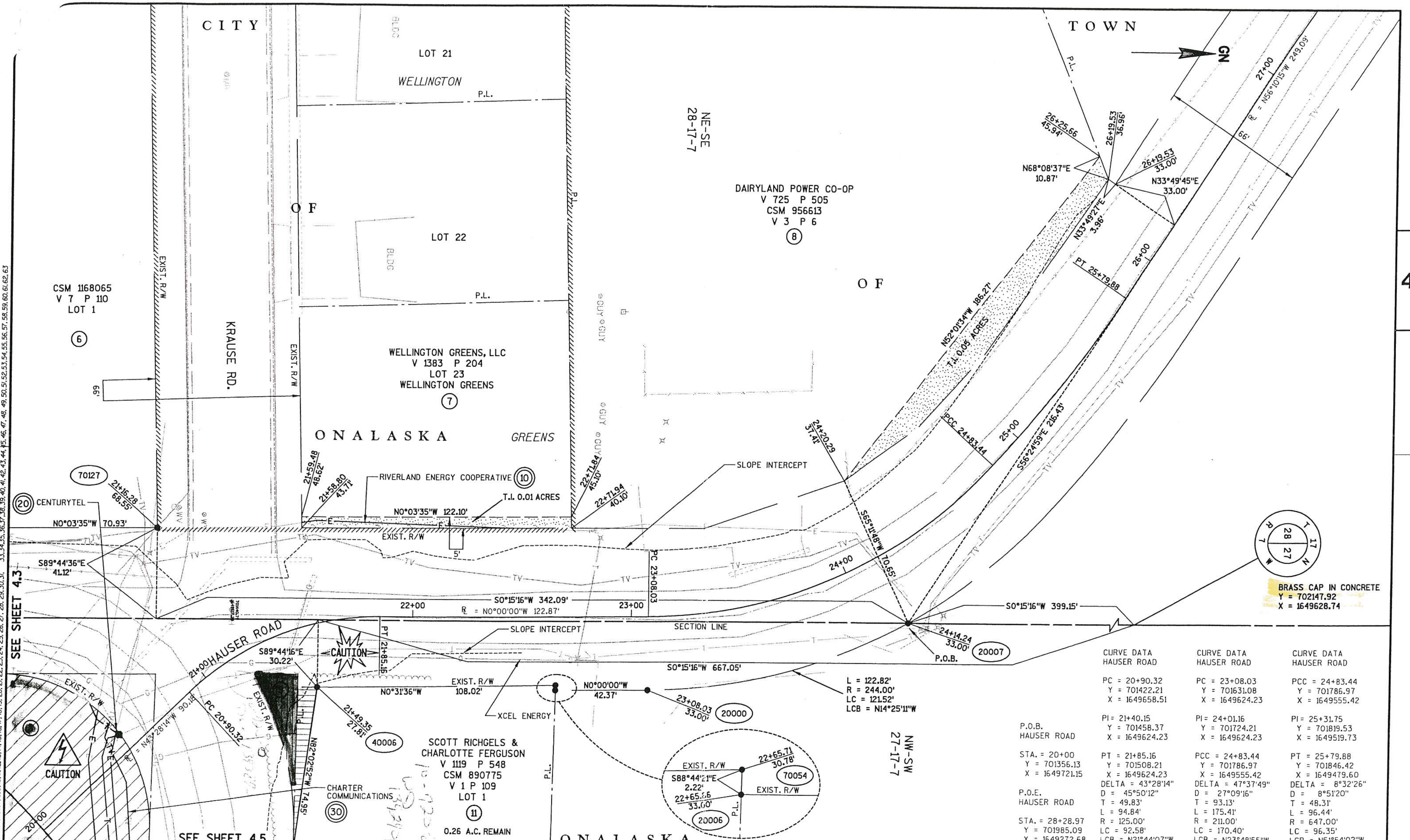
ROAD	BASIS OF EXISTING R/W	YEAR
CTH S	CSM #869475, V 1, P 79	1977
	CSM #869474, V 1, P 78	1977
	CSM #890775, V 1, P 109	1978
	66' BY STATUTE	2004
HAUSER ROAD	CSM #890775, V 1, P 109	1978
	CSM #956613, V 3, P 6	1984
	66' BY STATUTE	2004
KRAUSE ROAD	CSM #1168065, V 7, P 110	1997
	PLAT OF WELLINGTON GREENS	2000



REVISION DATE
4-2-04
5-6-04

DATE 3-8-04	SCALE, FEET 0 20 40	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.3	
GRID FACTOR		COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO:	E

FILE NAME : f:\drawings\2002-138\0001\4003.dgn PLOT DATE : 5/6/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft



P.O.B. HAUSER ROAD

STA. = 20+00
Y = 701356.13
X = 1649721.15

P.O.E. HAUSER ROAD

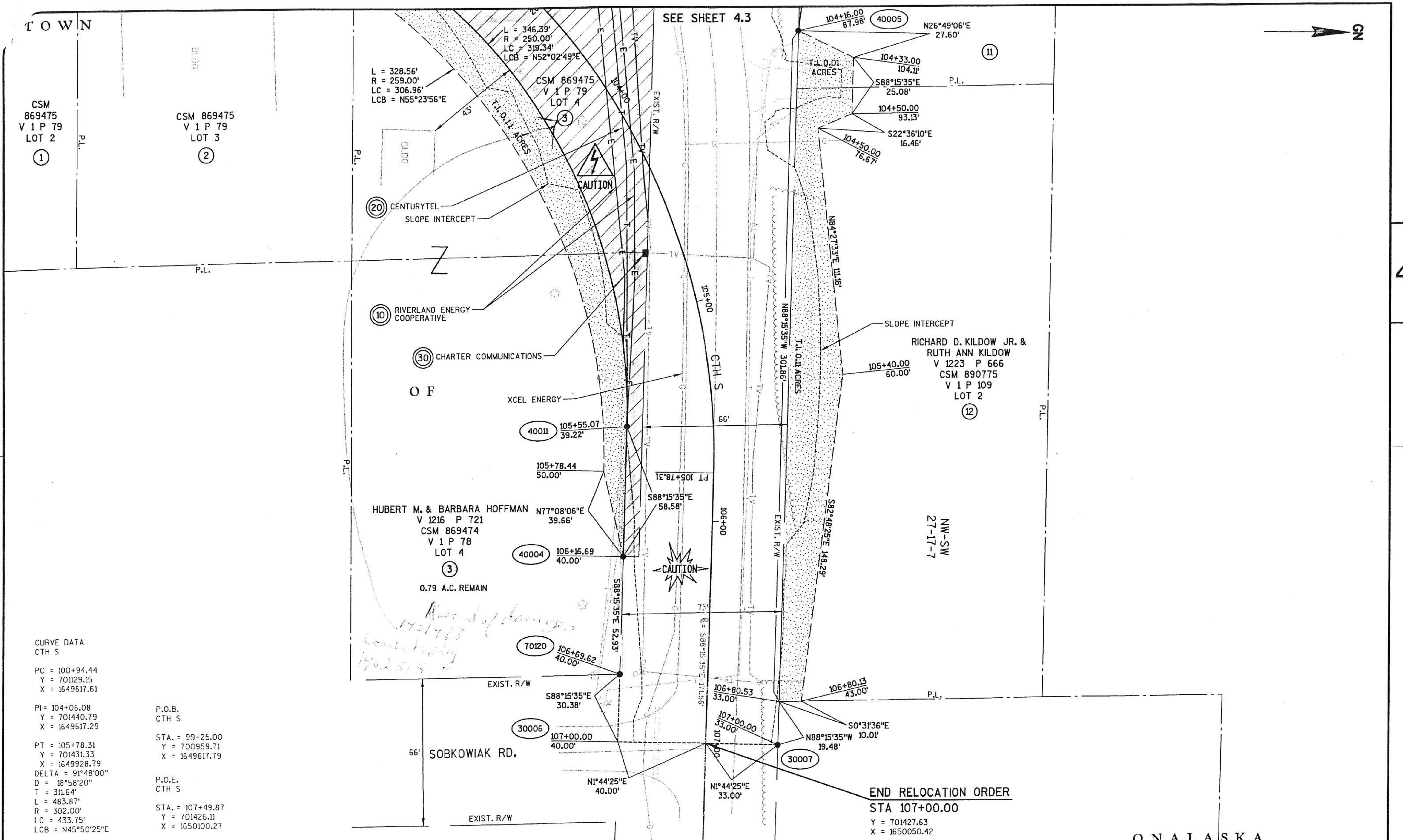
STA. = 28+28.97
Y = 701985.09
X = 1649272.68

CURVE DATA HAUSER ROAD	CURVE DATA HAUSER ROAD	CURVE DATA HAUSER ROAD
PC = 20+90.32	PC = 23+08.03	PCC = 24+83.44
Y = 701422.21	Y = 701631.08	Y = 701786.97
X = 1649658.51	X = 1649624.23	X = 1649555.42
PI = 21+40.15	PI = 24+01.16	PI = 25+31.75
Y = 701458.37	Y = 701724.21	Y = 701819.53
X = 1649624.23	X = 1649624.23	X = 1649519.73
PT = 21+85.16	PCC = 24+83.44	PT = 25+79.88
Y = 701508.21	Y = 701786.97	Y = 701846.42
X = 1649624.23	X = 1649555.42	X = 1649479.60
DELTA = 43°28'14"	DELTA = 47°37'49"	DELTA = 8°32'26"
D = 45°50'12"	D = 27°09'16"	D = 8°51'20"
T = 49.83'	T = 93.13'	T = 48.31'
L = 94.84'	L = 175.41'	L = 96.44'
R = 125.00'	R = 211.00'	R = 647.00'
LC = 92.58'	LC = 170.40'	LC = 96.35'
LCB = N21°44'07"W	LCB = N23°48'55"W	LCB = N51°54'02"W

REVISION DATE	DATE	SCALE, FEET	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.4	
4-2-04 5-6-04 NC	GRID FACTOR	0 20 40	COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO:	E

FILE NAME : f:\drawings\2002-138\0001\4004.dgn PLOT DATE : 5/6/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft

WISDOT/CADDS SHEET 75



CURVE DATA
CTH S

PC = 100+94.44
Y = 701129.15
X = 1649617.61

PI = 104+06.08
Y = 701440.79
X = 1649617.29

PT = 105+78.31
Y = 701431.33
X = 1649928.79
DELTA = 91°48'00"
D = 18°58'20"
T = 311.64'
L = 483.87'
R = 302.00'
LC = 433.75'
LCB = N45°50'25"E

P.O.B.
CTH S

STA. = 99+25.00
Y = 700959.71
X = 1649617.79

P.O.E.
CTH S

STA. = 107+49.87
Y = 701426.11
X = 1650100.27

REVISION DATE 4-2-04 5-6-04	DATE / GRID FACTOR	SCALE, FEET 0 20 40	HWY: CTH S / COUNTY: LA CROSSE	COUNTY R/W PROJECT NUMBER 2002-138-20 / CONSTRUCTION PROJECT NUMBER 2002-138	PLAT SHEET NO: 4.5 / PS&E SHEET NO: E

FILE NAME : f:\drawings\2002-138\0001\4005.dgn   PLOT DATE : 5/6/2004   PLOT BY : $$...plotuser...$$ PLOT NAME :   PLOT SCALE : 1 in : 100 ft   WISDOT/CADDS SHEET 75

PROJECT ID: 2002-138-0001
WITH: N/A

COUNTY: LA CROSSE

INDEX OF SHEETS

TOTAL SHEETS = 63

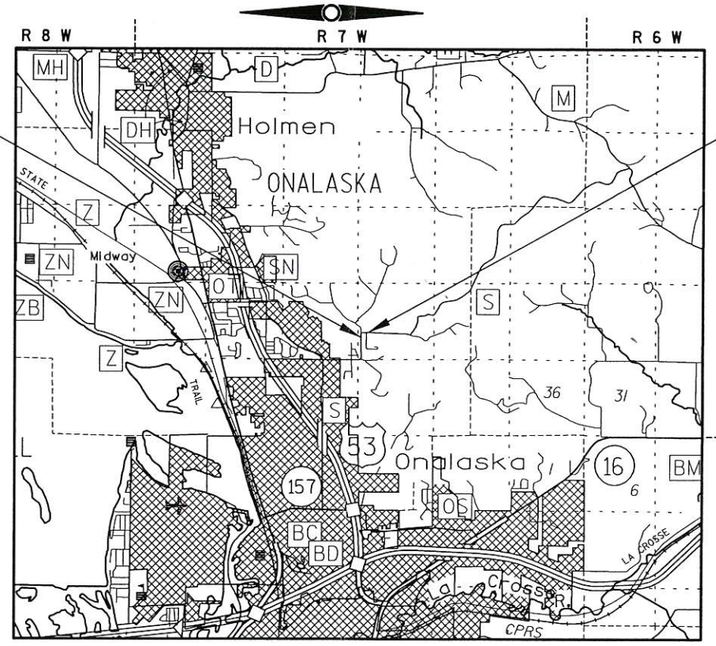
LA CROSSE COUNTY
HIGHWAY DEPARTMENT

PLAN OF PROPOSED IMPROVEMENT

CTH S - HAUSER ROAD

CTH S
LA CROSSE COUNTY

PROJECT NUMBER
2002-138



BEGIN PROJECT
STA. 99+25.00
N = 700,959.71
E = 1,649,617.79

END PROJECT
STA. 107+49.87
N = 701,426.11
E = 1,650,100.27

N

DESIGN DESIGNATION

A.D.T. 2002 = 2800
DESIGN SPEED = 30 MPH

CONVENTIONAL SYMBOLS

COUNTY LINE		COMBUSTIBLE FLUIDS	CAUTION
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE	P.L. + 58.1	GAS	G
LOT LINE		ELECTRIC	E
LIMITED EASEMENT		TELEPHONE OR TELEGRAPH	T
EXISTING RIGHT OF WAY		COMMUNICATIONS LINE	C
PROPOSED OR NEW R/W LINE		SERVICE PEDESTAL	
SURVEY LINE		POWER POLE	
SLOPE INTERCEPT		TELEPHONE POLE	
ORIGINAL GROUND		RAILROAD	
MARSH OR ROCK PROFILE (To be noted as such)	ROCK	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		WATER	W
		EXISTING CULVERT	
WOODED OR SHRUB AREA		PROPOSED CULVERT (Box or Pipe)	
		CULVERT (Profile View)	

LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.1563 MI. (RURAL)

COORDINATES ON THIS PLAN ARE REFERENCED TO THE NAD 83 (91) HORIZONTAL DATUM.

ACCEPTED FOR
County of La Crosse

4-2-04 (Date)
Dennis Osmulski-Hwy Comm
Deputy Clerk-Hwy Comm (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY
Fleming, Andre & Associates, Inc.
Consulting Engineers

WISCONSIN
RANDY J. SANFORD
33689
ALTOONA, WI.
PROFESSIONAL ENGINEER

4-2-04 (Date) (Signature)

LEGEND

EXISTING FACILITIES

- BUILDING
- BULKHEAD
- CONCRETE CURB AND GUTTER
- CORPORATE LIMITS
- COUNTY LINE
- EXISTING CULVERT
- DITCH
- ELECTRIC
- OVERHEAD ELECTRIC
- LIMITED EASEMENT
- BARBED WIRE FENCE
- CHAIN LIKE FENCE
- WOOD FENCE
- FIBER OPTIC
- FORCEMAIN
- GAS
- GUARD RAIL
- LOT LINE
- MARSH OR ROCK PROFILE
- ORIGINAL GROUND
- PROPERTY LINE
- RAILROAD
- REFERENCE LINE
- EXISTING RIGHT OF WAY
- SANITARY SEWER AND MANHOLE
- SANITARY SEWER SERVICE
- STORM SEWER, MANHOLE & CATCH BASIN
- SURVEY LINE
- TELEVISION CABLE
- WATERMAIN, HYDRANT AND VALVE
- WATER SERVICE AND CURB STOP BOX
- WATER VALVE MANHOLE
- WOODED AREA

- BENCHMARK
- CABLE MARKER
- COMBUSTIBLE FLUIDS
- GUY ANCHOR
- LIGHT POLE
- POWER POLE
- DECIDUOUS TREE
- CONIFER TREE
- MARSH AREA
- SERVICE PEDESTAL
- SEPTIC VENT
- SIGN AND POST
- SOIL BORING
- STUMP
- SURVEY TURNING POINT
- TELEPHONE POLE
- L.P. TANK

PROPOSED FACILITIES

- BULKHEAD
- CONCRETE CURB AND GUTTER
- FORCEMAIN
- SANITARY SEWER AND MANHOLE
- SANITARY SEWER SERVICE
- SLOPE INTERCEPT
- STORM SEWER, MANHOLE & CATCH BASIN
- WATERMAIN, HYDRANT AND VALVE
- WATER SERVICE AND CURB STOP BOX
- WATER VALVE MANHOLE

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
C/L	CENTER LINE
△	CENTRAL ANGLE OR DELTA
CONC	CONCRETE
C.P.C.P.	CORRUGATED POLY. CULVERT PIPE
CR	CREEK
CY	CUBIC YARD
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
D	DIRECTIONAL DISTRIBUTION
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
E	EAST
X	EAST GRID COORDINATE
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
FT	FOOT
CWT	HUNDREDWEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE OR PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
NC	NORMAL CROWN
N	NORTH
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVRC	POINT OF VERTICAL REVERSE CURVATURE
PVT	POINT OF VERTICAL TANGENCY
LB	POUND
PE	PRIVATE ENTRANCE
R	RADIUS
RCCP	REINFORCED CONCRETE CULVERT PIPE
RES	RESIDENCE OR RESIDENTIAL
RHF	RIGHT-HAND FORWARD
R/W	RIGHT OF WAY
R	RIVER
RO	RUNOFF
RD	ROAD
RDWY	ROADWAY
SALV	SALVAGED
SAN	SANITARY SEWER
S	SOUTH
SQ	SQUARE
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
STA	STATION
SS	STORM SEWER
SE	SUPERELEVATION
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
UNCL	UNCLASSIFIED
VAR	VARIABLE
VC	VERTICAL CURVE
W	WEST
Y	NORTH GRID COORDINATE
YD	YARD

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE ASSUMED FROM USGS QUAD MAPS.

WHEN THE QUANTITY OF THE ITEMS OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR C.Y., THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING UTILITIES ARE SHOWN ON THE PLANS AND ARE APPROXIMATE ONLY. CONTRACTOR SHALL CONTACT DIGGERS HOT LINE AT THE TOLL FREE NUMBER SHOWN BELOW.

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

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY ARE TO BE 4-INCH TOP SOILED, FERTILIZED, SEEDED AND MULCHED.

BEARINGS SHOWN ON THE PLANS ARE TO THE NEAREST SECOND.

A VERTICAL FULL DEPTH SAW CUT SHALL BE MADE THROUGH EXISTING PAVEMENTS AT REMOVAL LIMITS.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS AND IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION.

4-INCH ASPHALTIC SURFACE SHALL BE CONSTRUCTED WITH A 1 3/4-INCH UPPER LAYER AND ONE LOWER LAYER AT 2 1/4-INCHES.

3-INCH ASPHALTIC SURFACE SHALL BE CONSTRUCTED WITH TWO 1 1/2-INCH LAYERS.

TACK COAT SHALL BE PLACED BETWEEN LAYERS OF ASPHALTIC SURFACE.

UNCLASSIFIED EXCAVATION SHALL BE PAID FOR USING PLAN QUANTITY.

ANY AREAS DISTURBED OUTSIDE THE LIMITS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

DESIGN CONTACT

FLEMING, ANDRE & ASSOCIATES, INC.
3615 N. HASTINGS WAY
SUITE 100
EAU CLAIRE, WI 54703
ATTENTION: RANDY SANFORD
PHONE: 715-832-8400

STORMWATER SPECIALIST
WAUSAU SERVICE CENTER
5301 RIB MOUNTAIN RD.
WAUSAU, WI 54401
ATTENTION: BRAD JOHNSON
PHONE: (715) 359-2872

UTILITY CONTACTS

CHARTER COMMUNICATIONS
314 MAIN ST.
ONALASKA, WI 54650
ATTENTION: TIM FISCHER
PHONE: (608) 783-8115

CENTURY TEL
333 N. FRONT ST.
LA CROSSE, WI 54602
ATTENTION: BRIAN STELPLUGH
PHONE: (608) 796-5142

XCEL ENERGY (GAS)
3215 COMMERCE ST.
LA CROSSE, WI 54602
ATTENTION: ED PRYZTARSKI
PHONE: (608) 789-3631

RIVERLAND ENERGY COOPERATIVE
ROUTE 3
P.O. BOX 276
ONALASKA, WI 54650
ATTENTION: TIM HOLTEN
PHONE: (608) 783-2238

CITY OF ONALASKA
415 MAIN ST.
ONALASKA, WI 54650
ATTENTION: RON LUND
PHONE: (608) 781-9530

LA CROSSE COUNTY HIGHWAY DEPT.
N4922 CARLSON RD.
WEST SALEM, WI 54669
ATTENTION: DENNIS OSGOOD
PHONE: (608) 786-3810

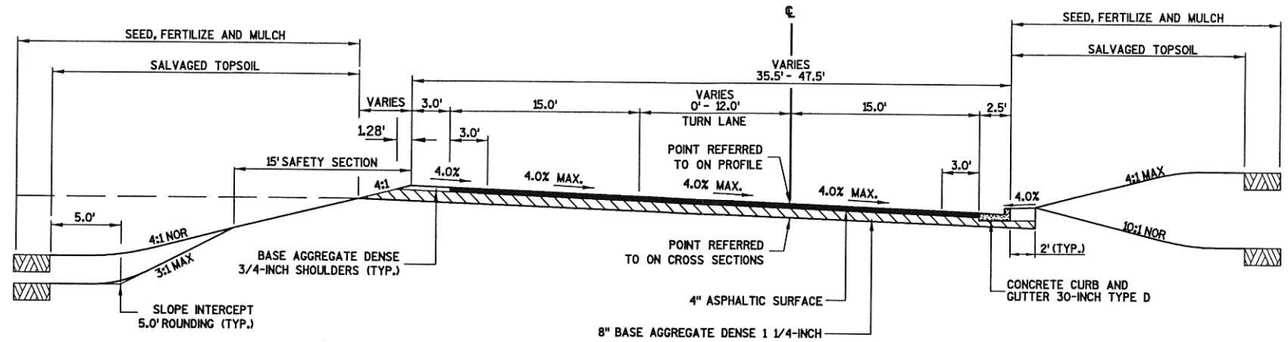
TOWN OF ONALASKA
W 8343 PRAIRIE PINE LANE
ONALASKA, WI 54650
ATTENTION: DAVE GRAMLING
TOWN CHAIRMAN

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

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
(414/259-1181 MILWAUKEE METRO)
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

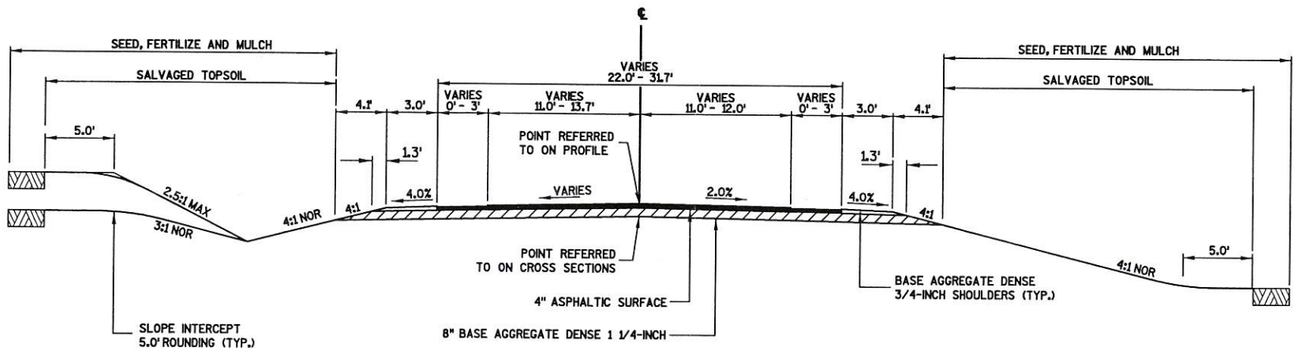
Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	GENERAL NOTES	SCALE, FEET 0 NTS	SHEET NO: 2.00	E



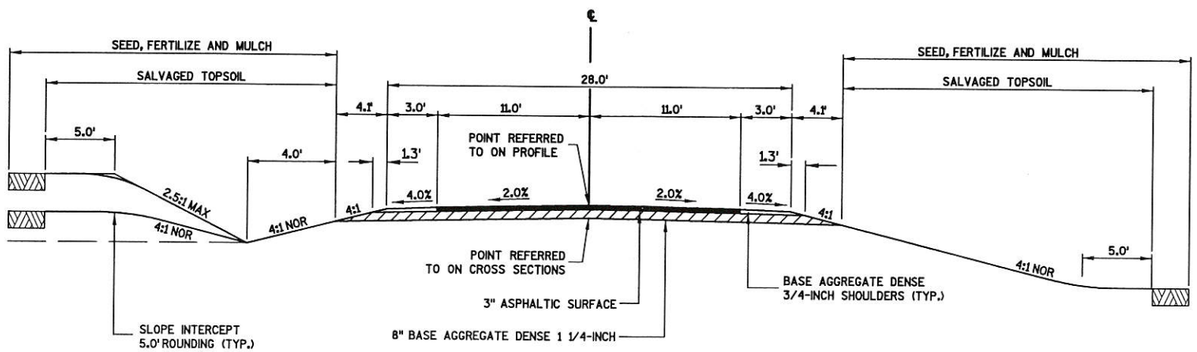
FINISHED TYPICAL SECTION - CTH S

STA 100+00 - STA 106+25



FINISHED TYPICAL SECTION - CTH S

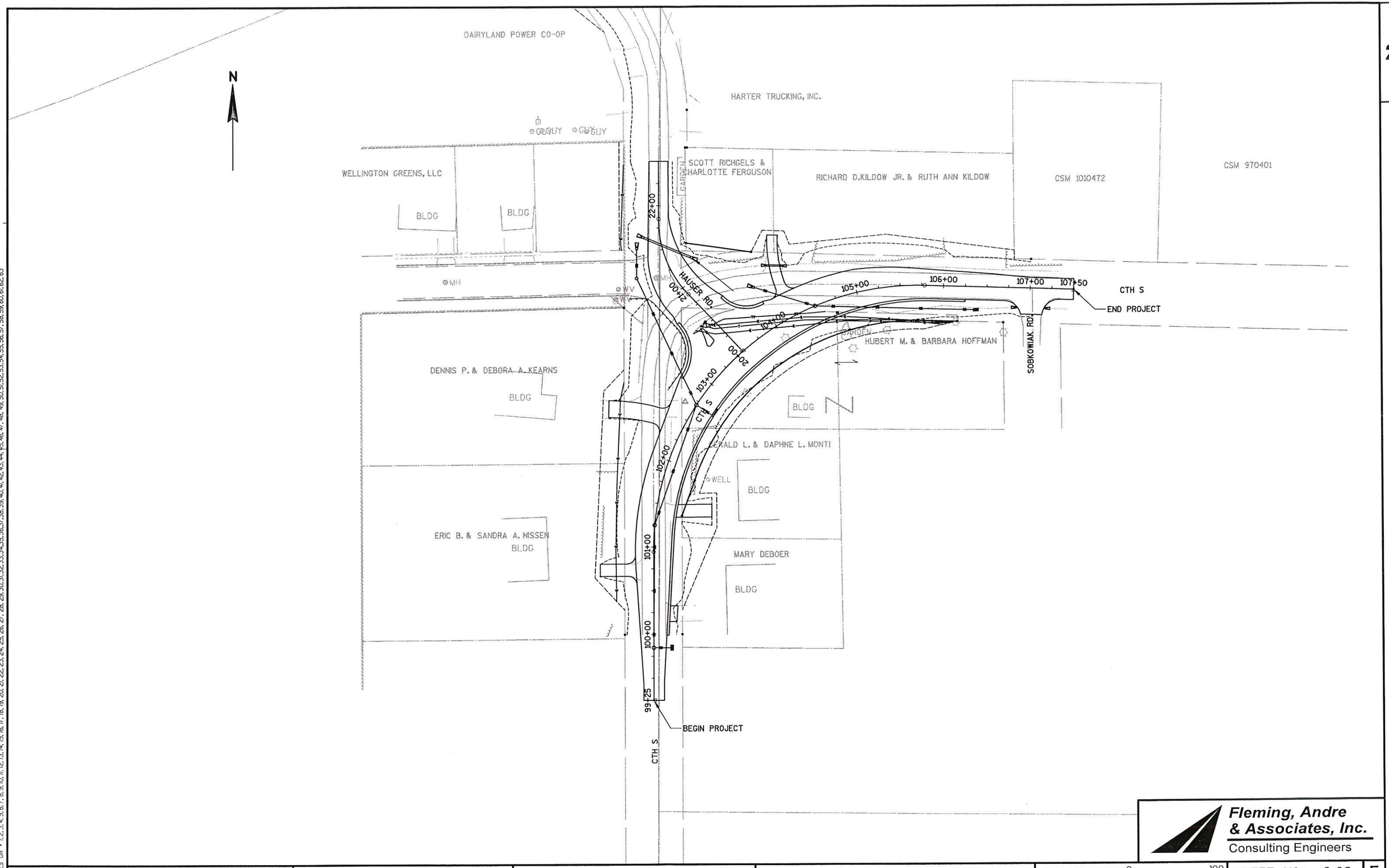
STA 106+25 - STA 107+50



FINISHED TYPICAL SECTION - HAUSER RD.

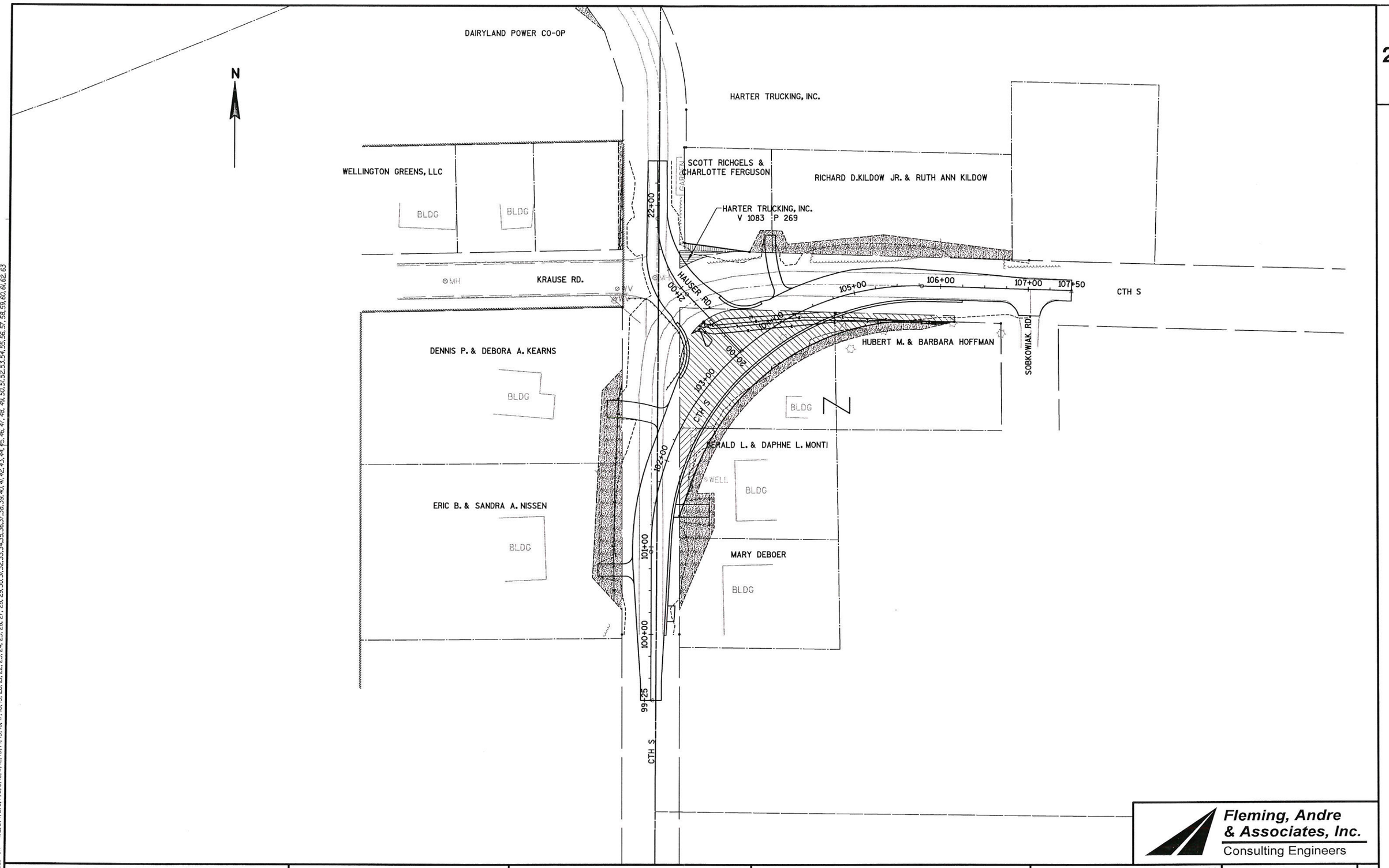
Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 2.01	E



Fleming, Andre & Associates, Inc.
Consulting Engineers

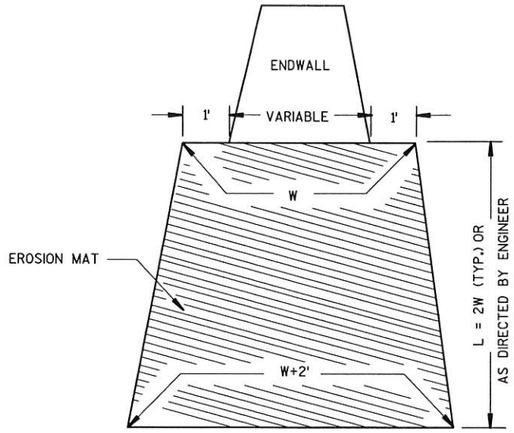
PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	PROJECT OVERVIEW	SCALE, FEET 0 100	SHEET NO: 2.02	E



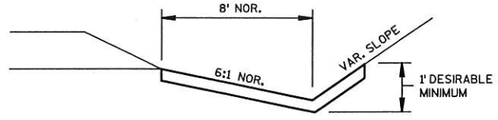
PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	R/W OVERVIEW	SCALE, FEET 0 100	SHEET NO: 2.03	E

Fleming, Andre & Associates, Inc.
Consulting Engineers

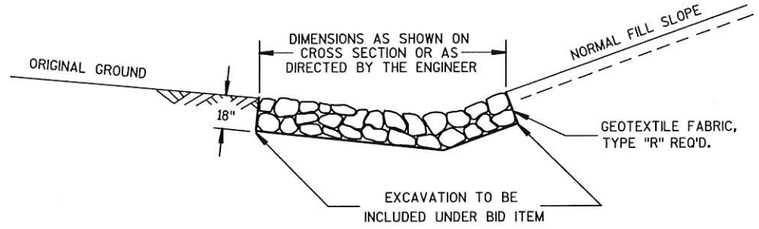
FILE NAME : f:\drawings\2002-138\0001\2003.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$



EROSION MAT TREATMENT AT CULVERTS



EROSION MAT DETAIL FOR DITCHES

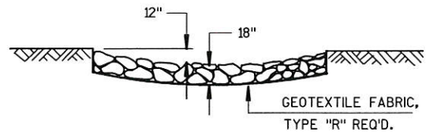


DETAIL FOR MEDIUM RANDOM RIPRAP IN DITCHES

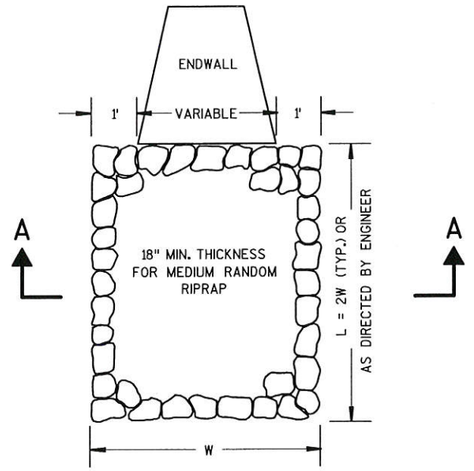
RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 2.6 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 1.5 ACRES



SECTION A-A



MEDIUM RANDOM RIPRAP TREATMENT AT CULVERTS

Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	EROSION CONTROL DETAILS	SCALE, FEET 0	SHEET NO: 2.10	E

LEGEND

- MEDIUM RANDOM RIPRAP W/ GEOTEXTILE FABRIC TYPE HR
- EROSION MAT, CLASS I, TYPE B
- SILT FENCE
- EROSION BALES (TYP.)
- DITCH DIKE
- INLET PROTECTION, TYPE A
- DRAINAGE FLOW

N

CTH S

BEGIN PROJECT

39+25

100+00

101+00

102+00

103+00

104+00

105+00

20+00

SLOPE LIMITS

BLDG

BLDG

BLDG

WELL

12" CMP

SS

2

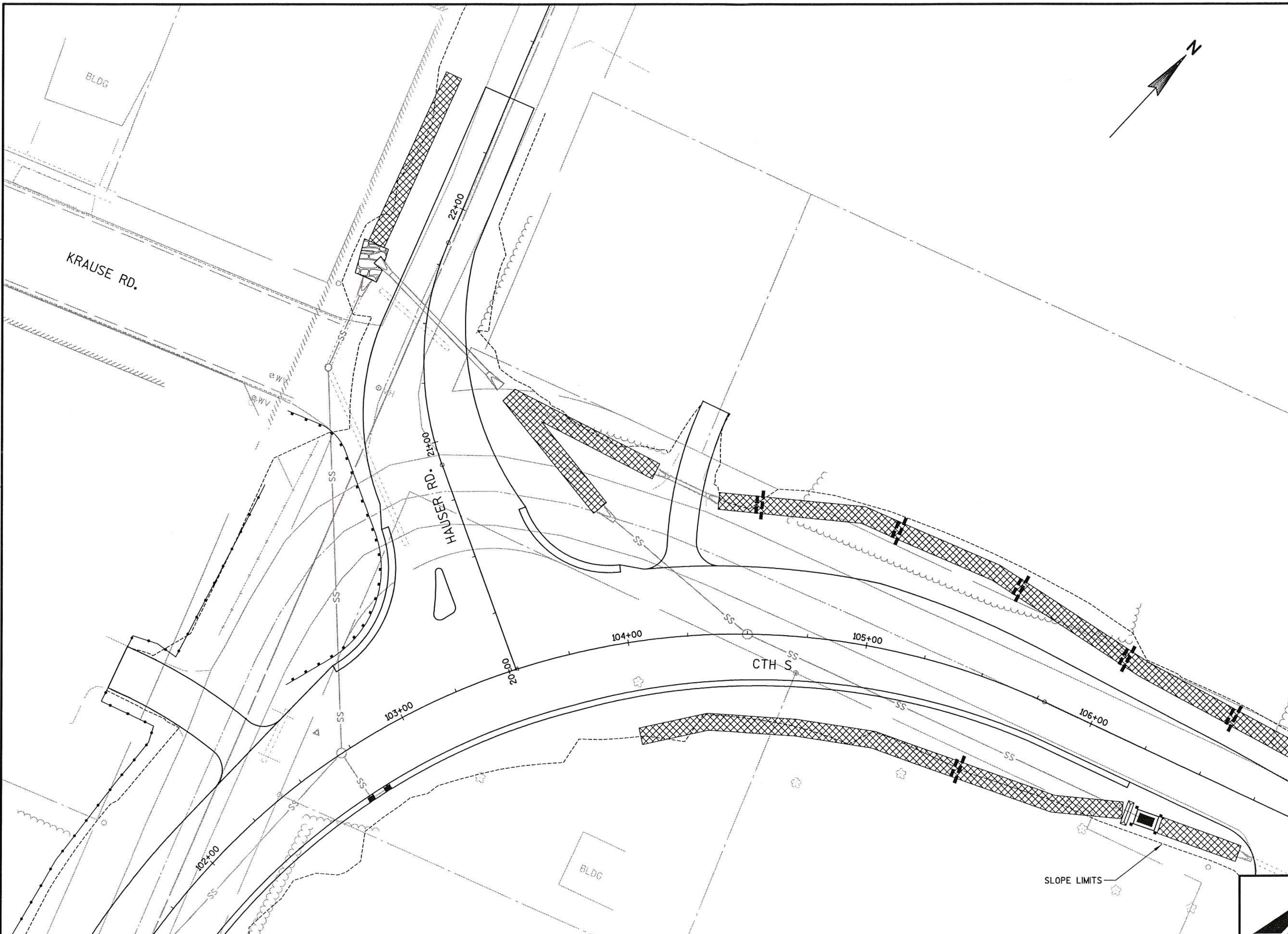
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	EROSION CONTROL	SCALE, FEET 0 40	SHEET NO: 2.30	E

FILE NAME : f:\drawings\2002-138\0001\2300.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$

WISDOT/CADDS SHEET 42



LEGEND

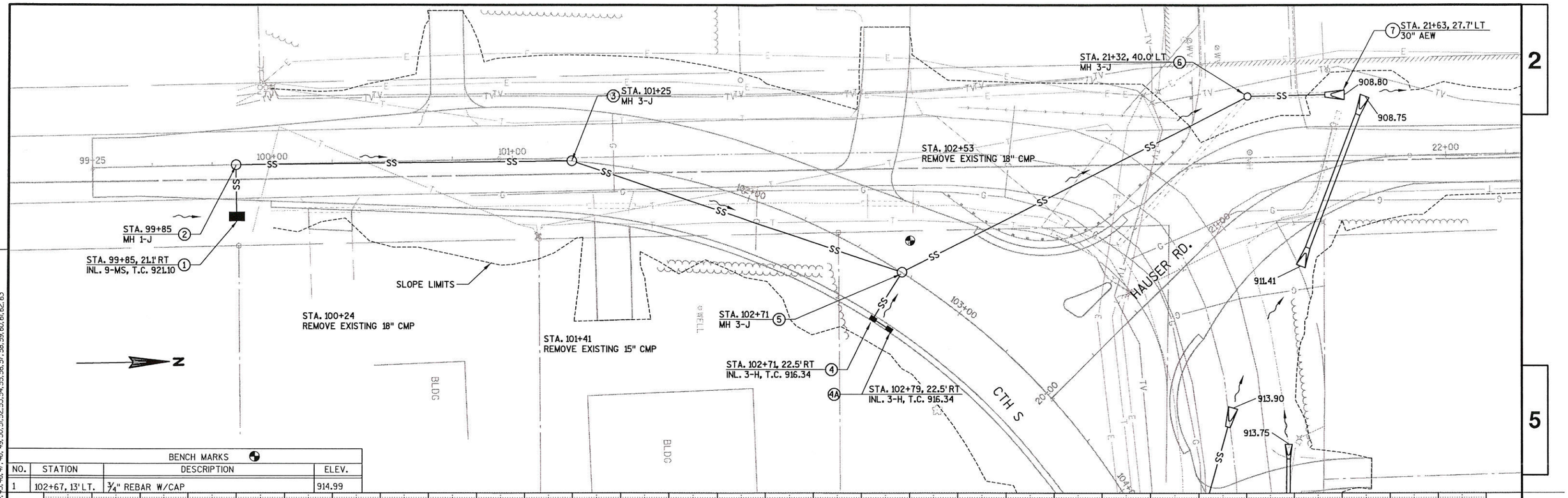
- MEDIUM RANDOM RIPRAP W/ GEOTEXTILE FABRIC TYPE HR
- EROSION MAT, CLASS I, TYPE B
- SILT FENCE
- EROSION BALES (TYP.)
- DITCH DIKE
- INLET PROTECTION, TYPE A
- DRAINAGE FLOW

2

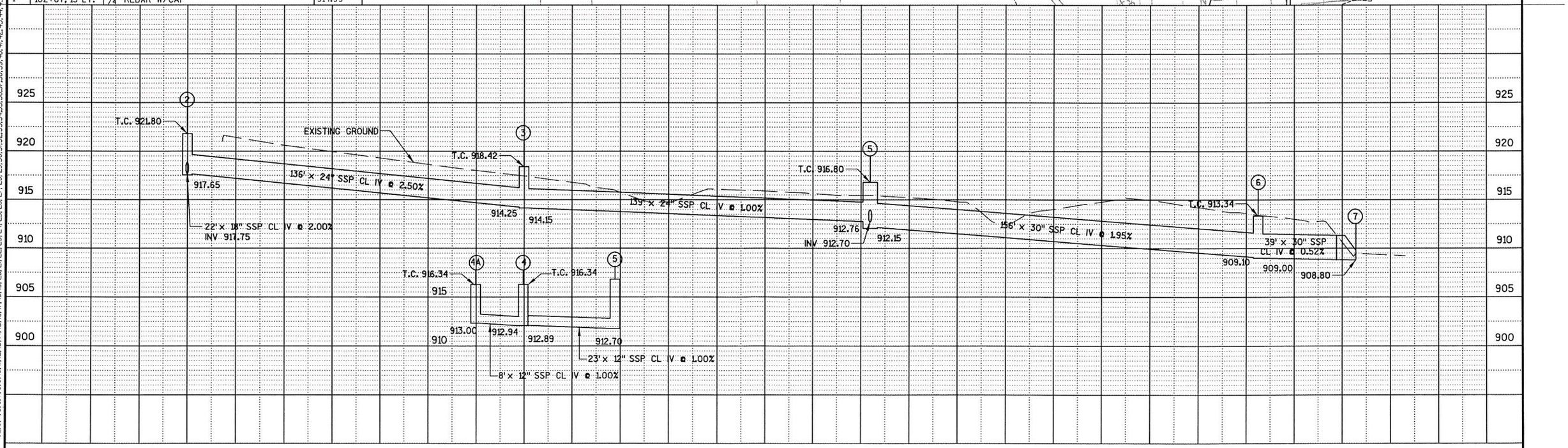
Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	EROSION CONTROL	SCALE, FEET 0 40	SHEET NO: 2.31	E

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



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1	102+67, 13' LT.	¾" REBAR W/CAP	914.99

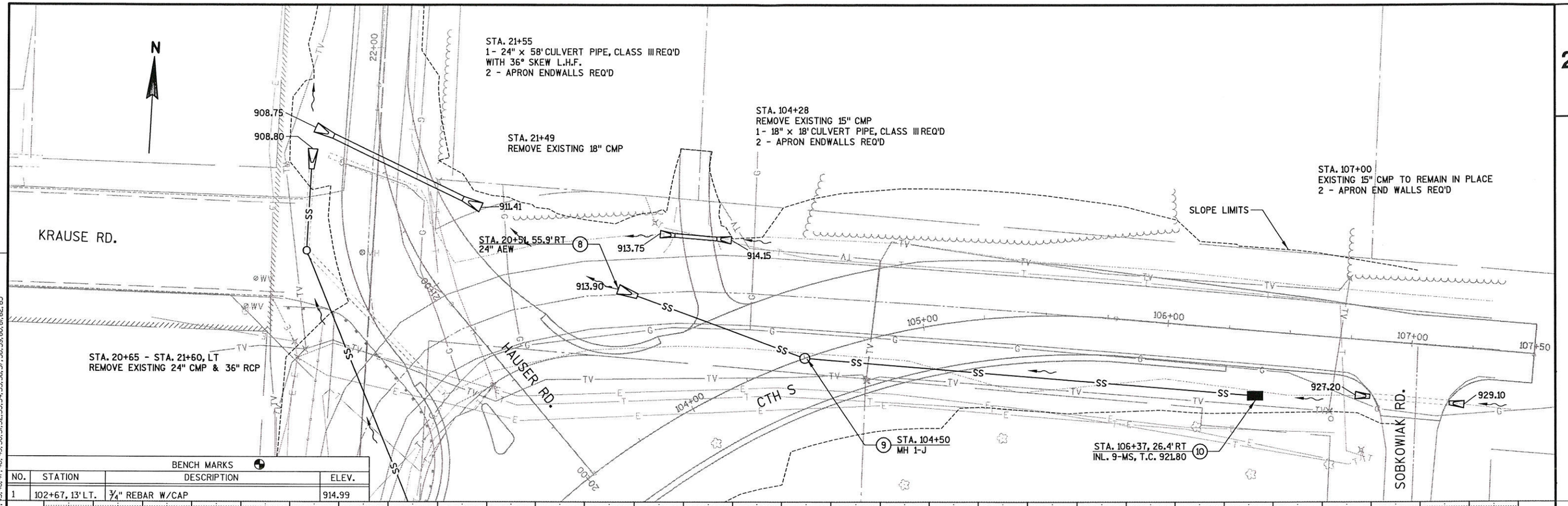


PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STORM SEWER	SHEET NO: 2.40	E

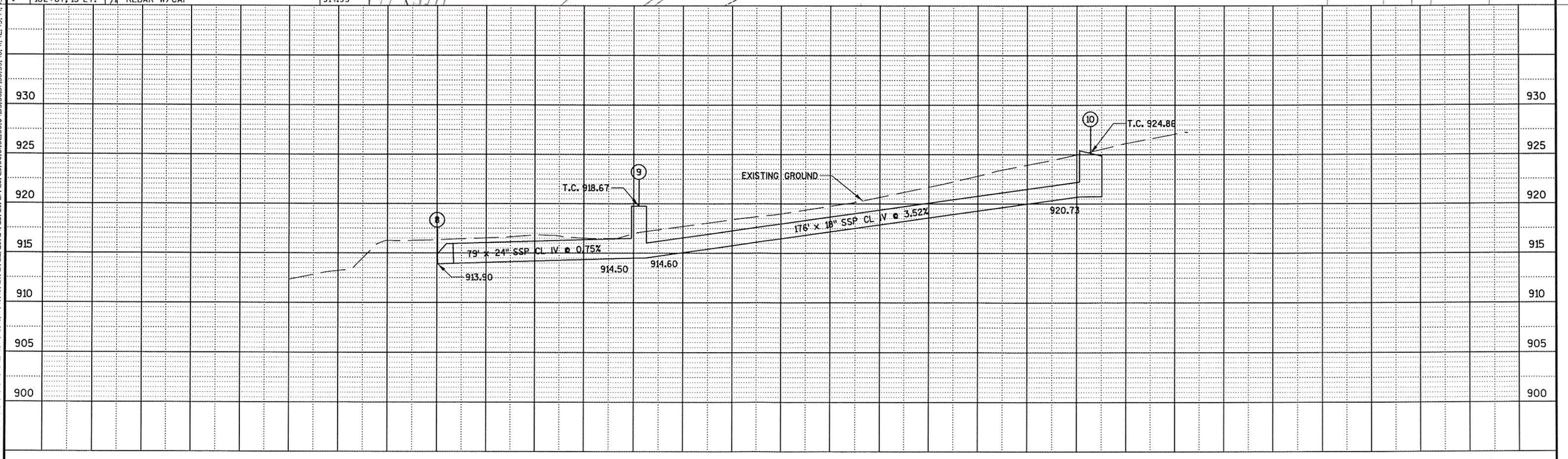
FILE NAME : f:\Drawings\2002-138\0001\2400.dgn | PLOT DATE : 4/2/2004 | PLOT BY : $$...plotuser...$$ | PLOT NAME : | ORG DATE : | Originator : Dist | PLOT SCALE : 1 in : 100 ft

WISDOT/CADDS SHEET 40

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



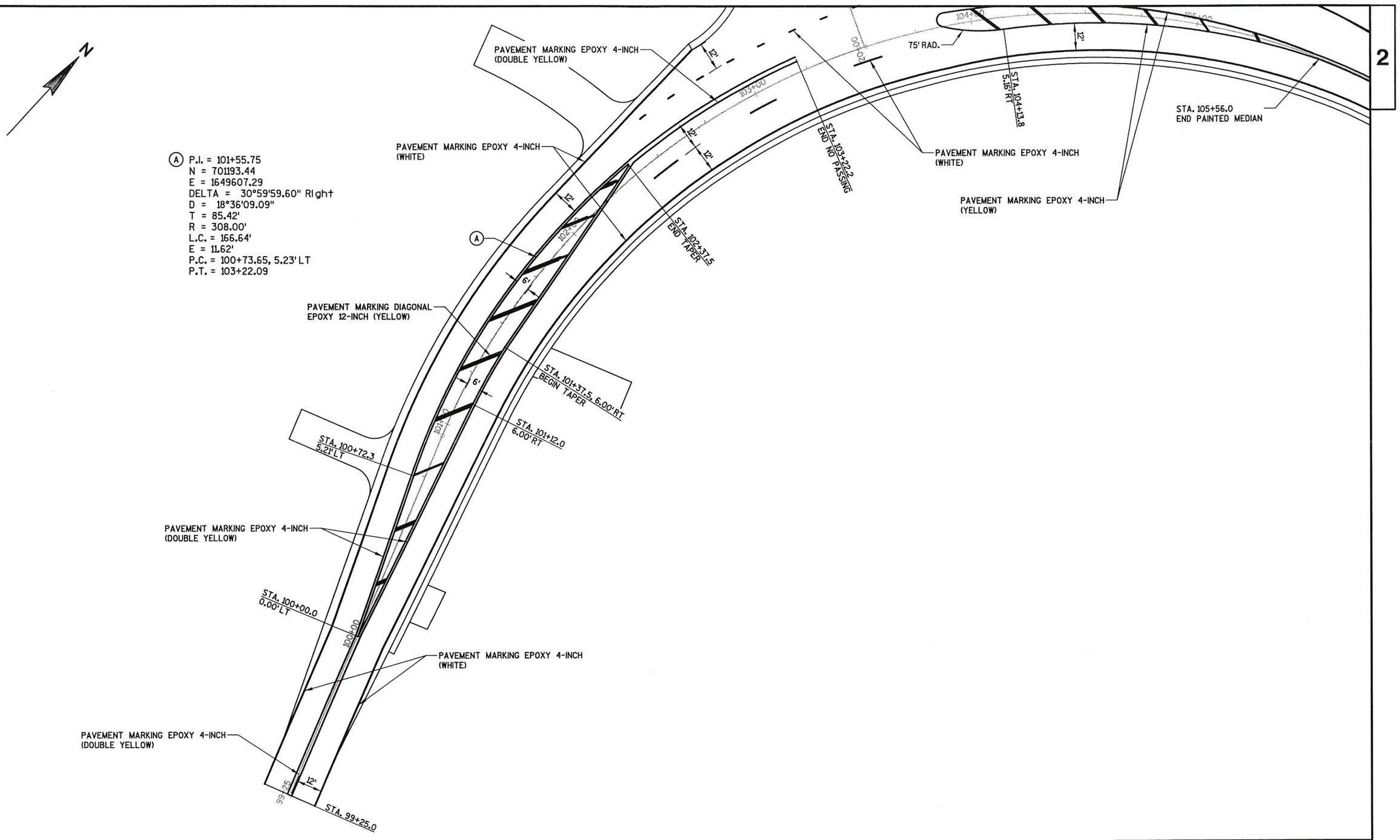
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1	102+67, 13' LT.	¾" REBAR W/CAP	914.99



PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STORM SEWER	SHEET NO: 2.41	E

FILE NAME : f:\drawings\2002-138\0001\2401.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 100 ft

WISDOT/CADDS SHEET 40



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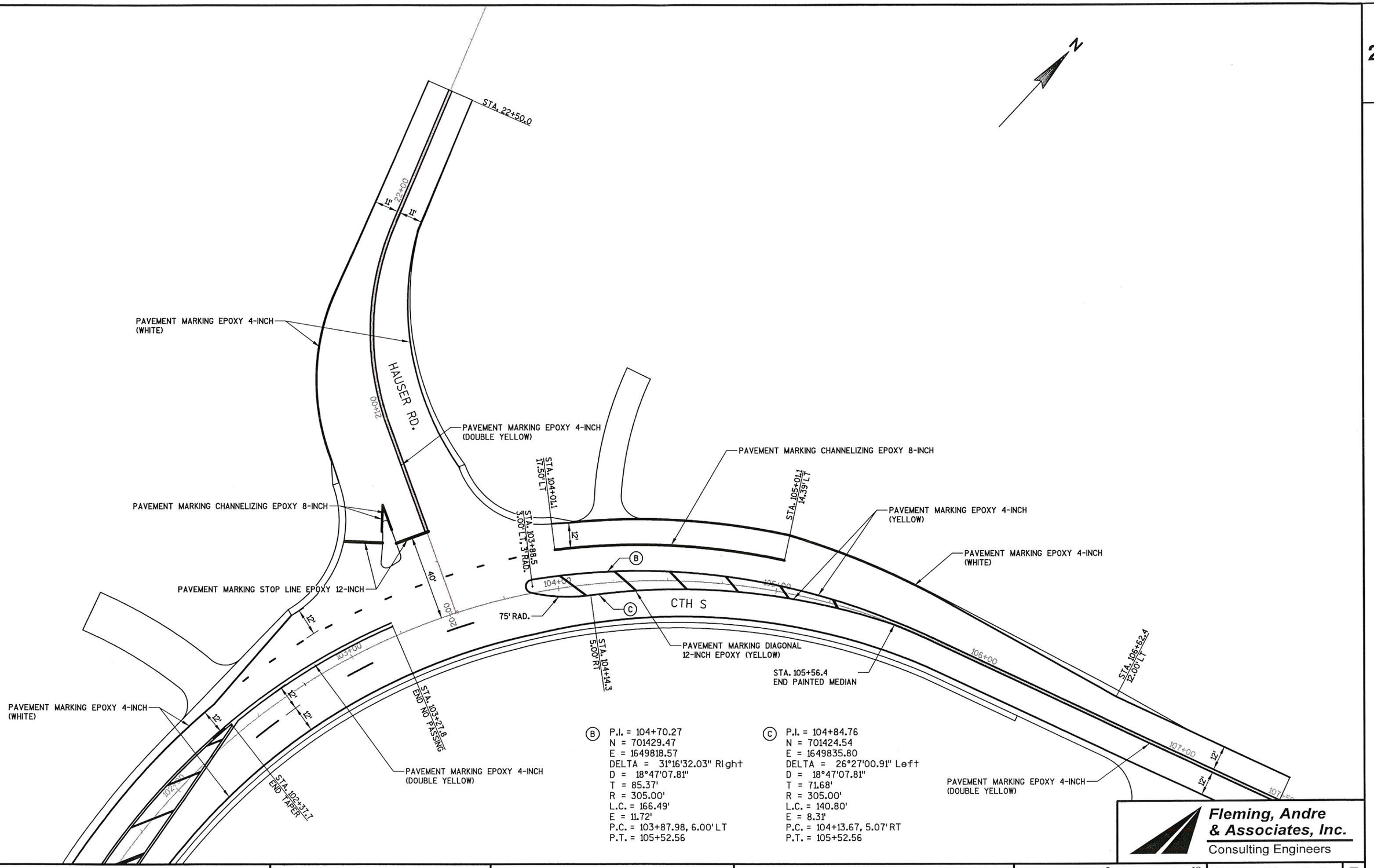
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	PAVEMENT MARKING	SCALE, FEET 0 40	SHEET NO: 2.50	E



Ⓑ P.I. = 104+70.27
N = 701429.47
E = 1649818.57
DELTA = 31°16'32.03" Right
D = 18°47'07.81"
T = 85.37'
R = 305.00'
L.C. = 166.49'
E = 11.72'
P.C. = 103+87.98, 6.00' LT
P.T. = 105+52.56

Ⓒ P.I. = 104+84.76
N = 701424.54
E = 1649835.80
DELTA = 26°27'00.91" Left
D = 18°47'07.81"
T = 71.68'
R = 305.00'
L.C. = 140.80'
E = 8.31'
P.C. = 104+13.67, 5.07' RT
P.T. = 105+52.56

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Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	PAVEMENT MARKING	SCALE, FEET 0 40	SHEET NO: 2.51	E

FILE NAME : f:\drawings\2002-138\0001\2501.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$
WISDOT/CADDS SHEET 42

N

END ROAD WORK
G20-2A
48" X 24"

STOP
R1-1
36" X 36"

ROAD WORK AHEAD
W20-1

RIGHT SHOULDER CLOSED
W21-5A

700' MIN

CTH S

99+25

100+00

101+00

102+00

103+00

104+00

20+00

14'

SS

12" CMP

WELL

BLDG

KRAUSE RD.

HAUSER RD.

MATCHLINE STA 21+50

MATCHLINE STA 104+50

LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD

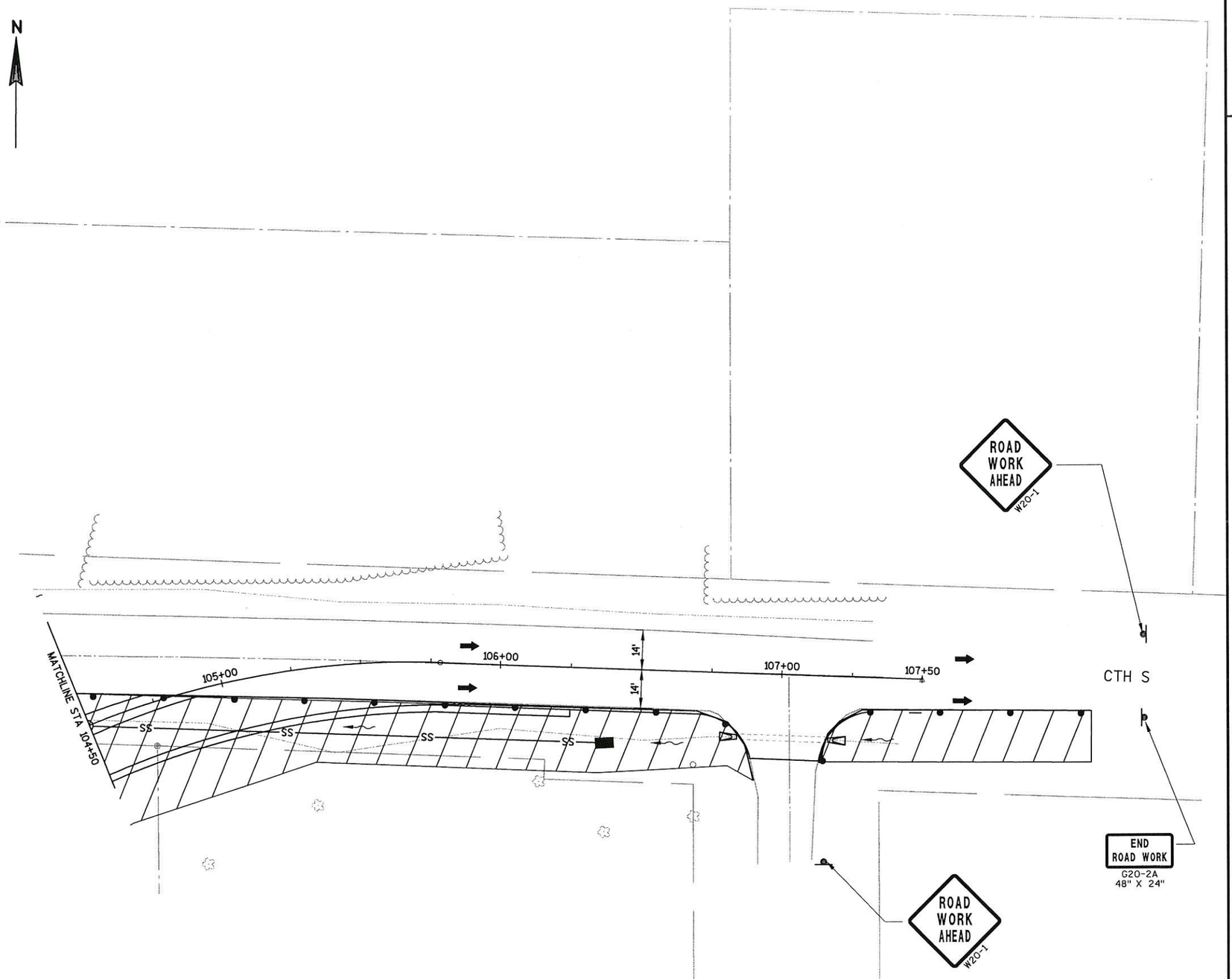
Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 1	SCALE, FEET 0 40	SHEET NO: 2.60	E

FILE NAME : f:\drawings\2002-138\0001\2600.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$
WISDOT/CADDS SHEET 42

LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD



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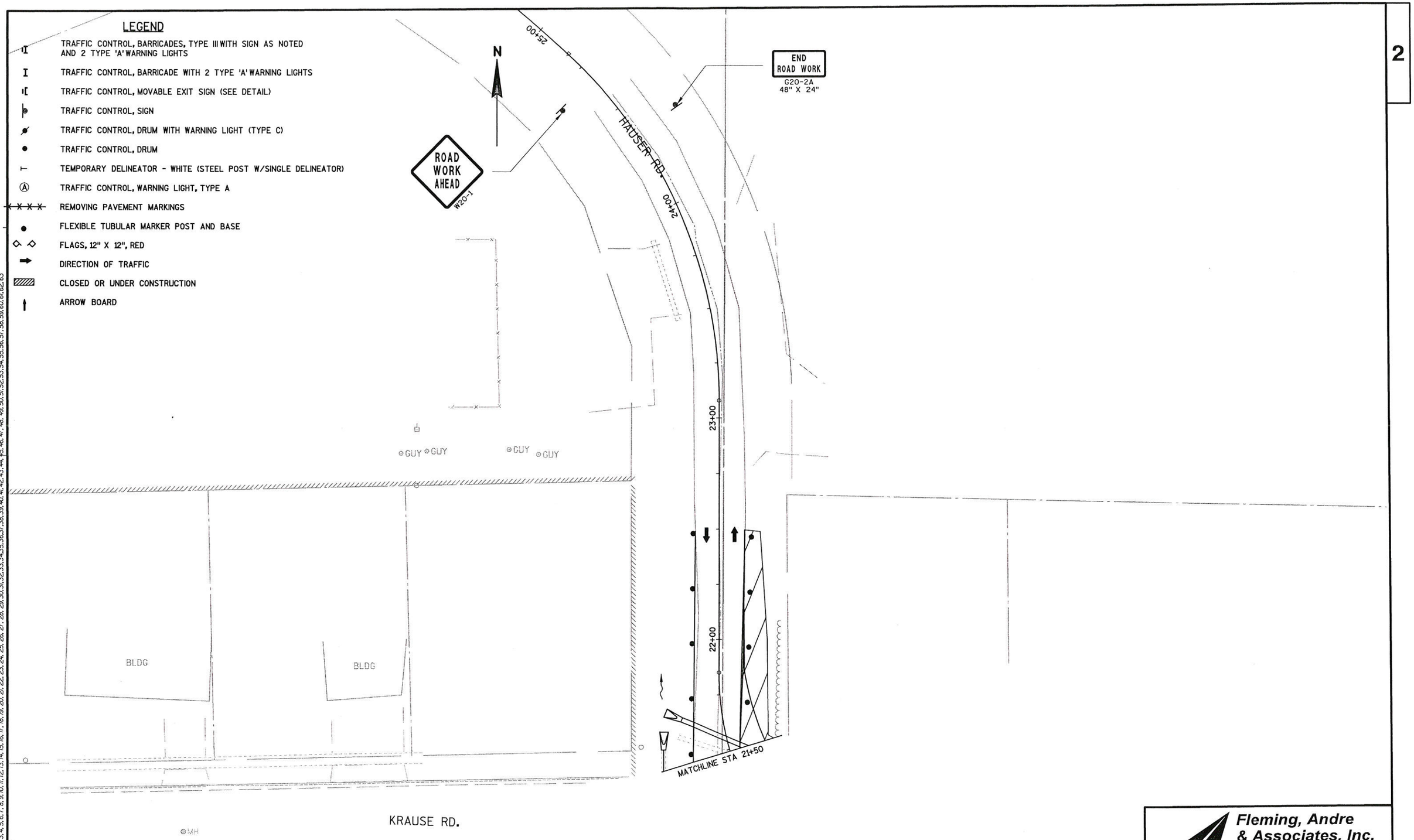
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 1	SCALE, FEET 0 40	SHEET NO: 2.61	E

LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD

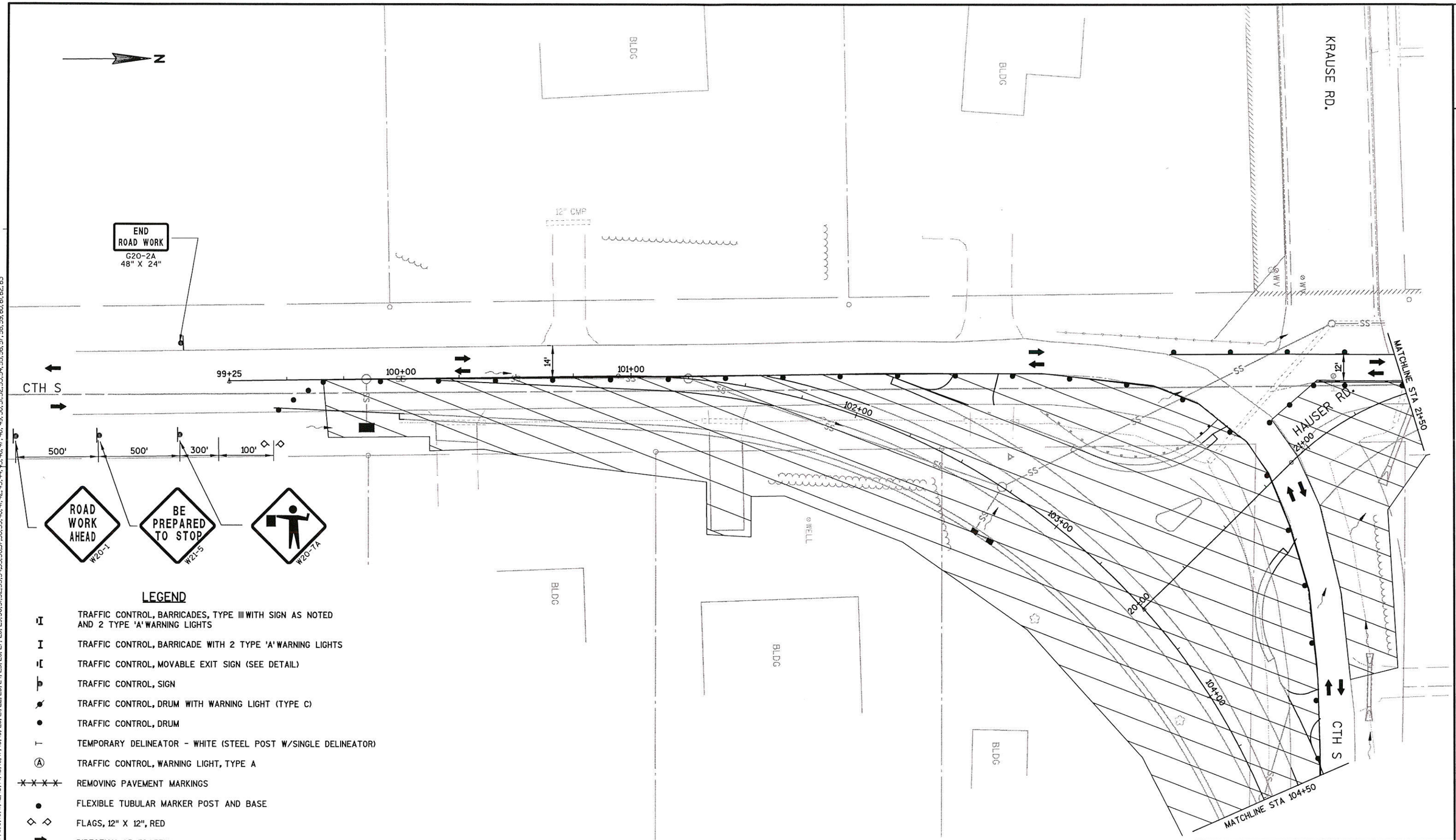


LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 1	SCALE, FEET 0 40	SHEET NO: 2.62	E

FILE NAME : f:\drawings\2002-138\0001\2602.dgn PLOT DATE : 03/11/04 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$ WISDOT/CADDS SHEET 42



LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD

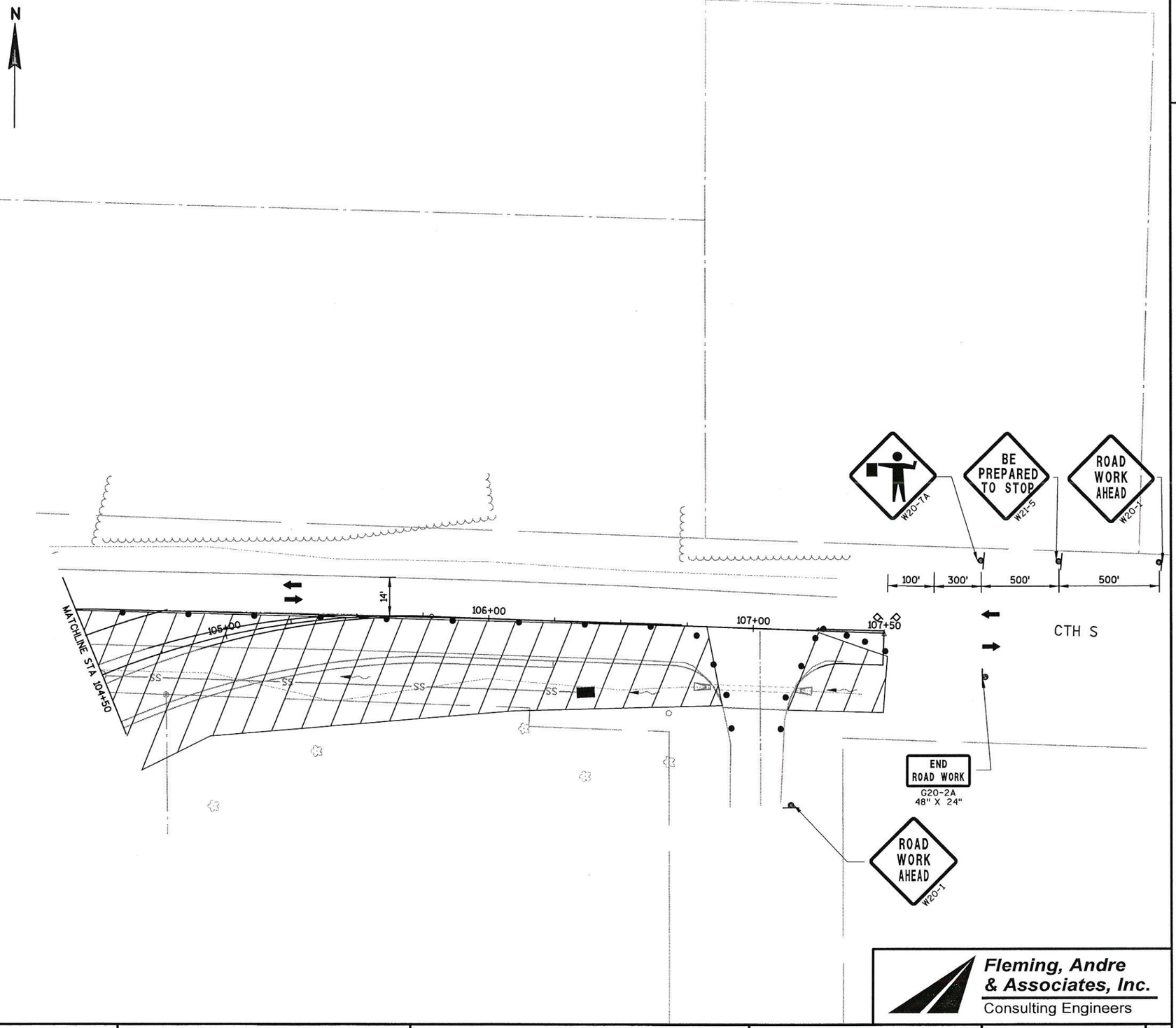
Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 2	SCALE, FEET 0 40	SHEET NO: 2.63	E

FILE NAME : f:\drawings\2002-138\0001\2603.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$
WISDOT/CADDS SHEET 42

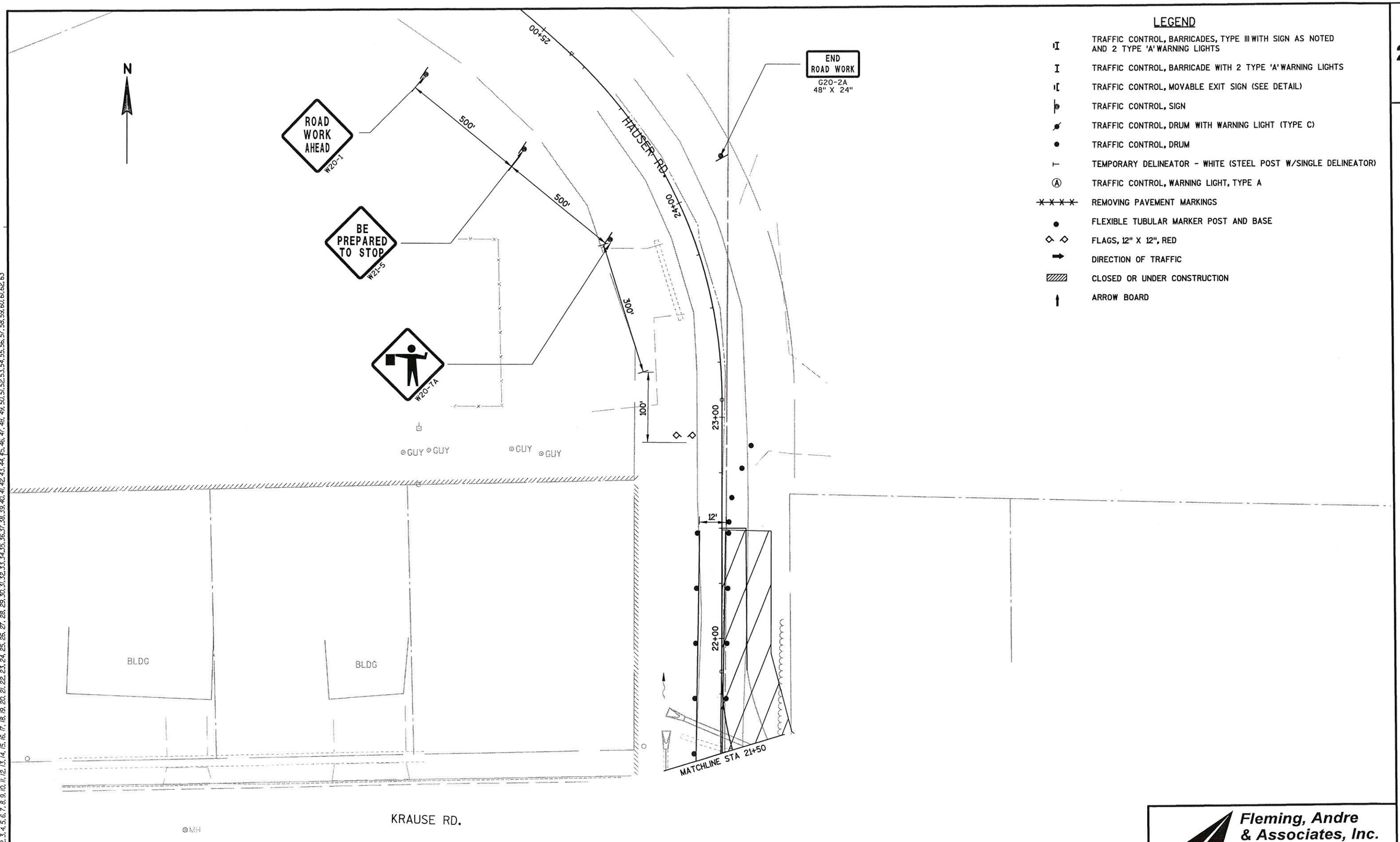
LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD



Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 2	SCALE, FEET 0 40	SHEET NO: 2.64	E



LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
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- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD

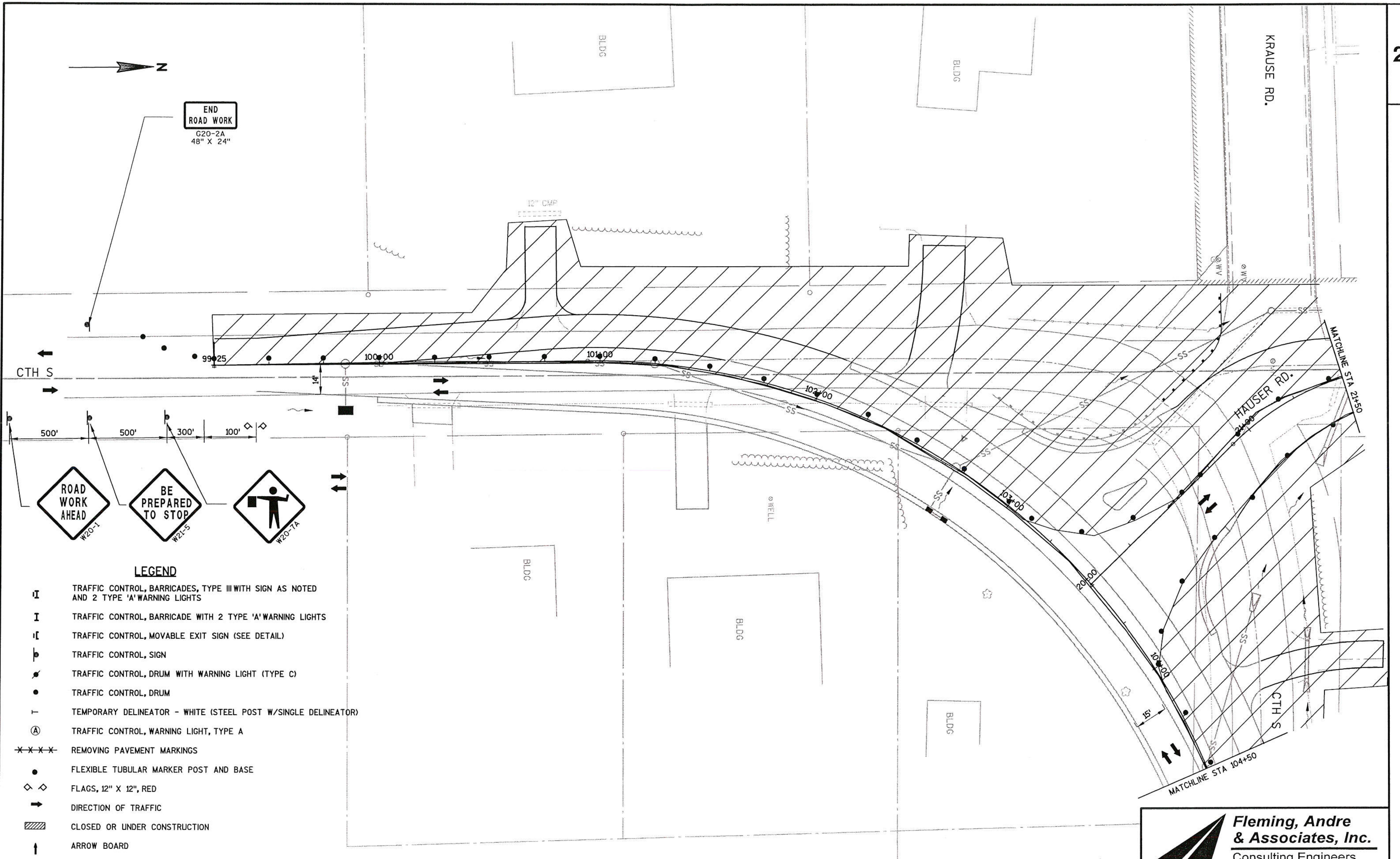
2

Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 2	SCALE, FEET 0 40	SHEET NO: 2.65	E

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

FILE NAME : f:\drawings\2002-138\0001\2605.dgn PLOT DATE : 03/11/04 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$ WISDOT/CADDS SHEET 42



LEGEND

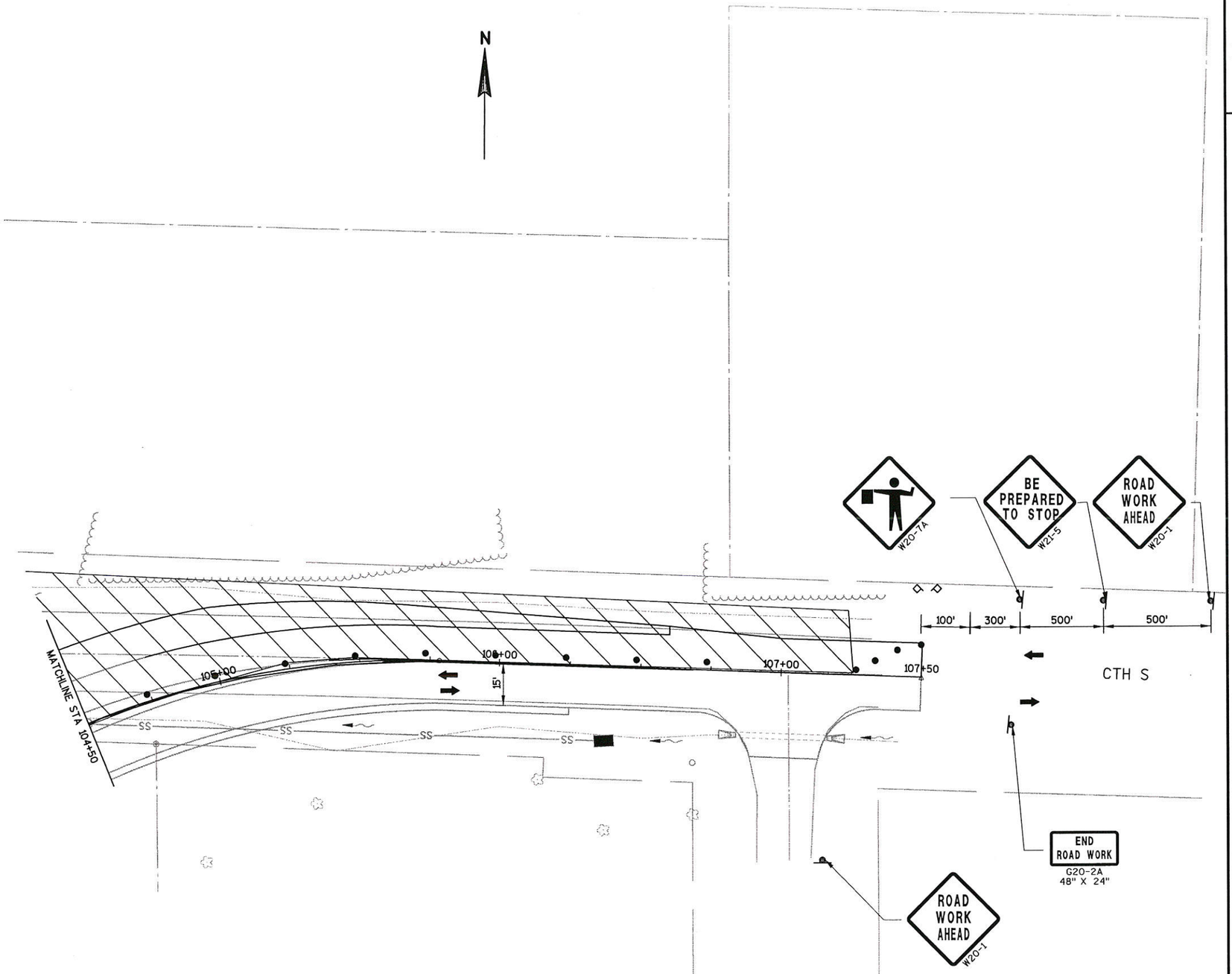
·I	TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
I	TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
·[	TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
	TRAFFIC CONTROL, SIGN
	TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
●	TRAFFIC CONTROL, DRUM
⊢	TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
Ⓐ	TRAFFIC CONTROL, WARNING LIGHT, TYPE A
-x-x-x-x-	REMOVING PAVEMENT MARKINGS
●	FLEXIBLE TUBULAR MARKER POST AND BASE
◇ ◇	FLAGS, 12" X 12", RED
→	DIRECTION OF TRAFFIC
▨	CLOSED OR UNDER CONSTRUCTION
↑	ARROW BOARD

Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 3	SCALE, FEET 0 40	SHEET NO: 2.66	E

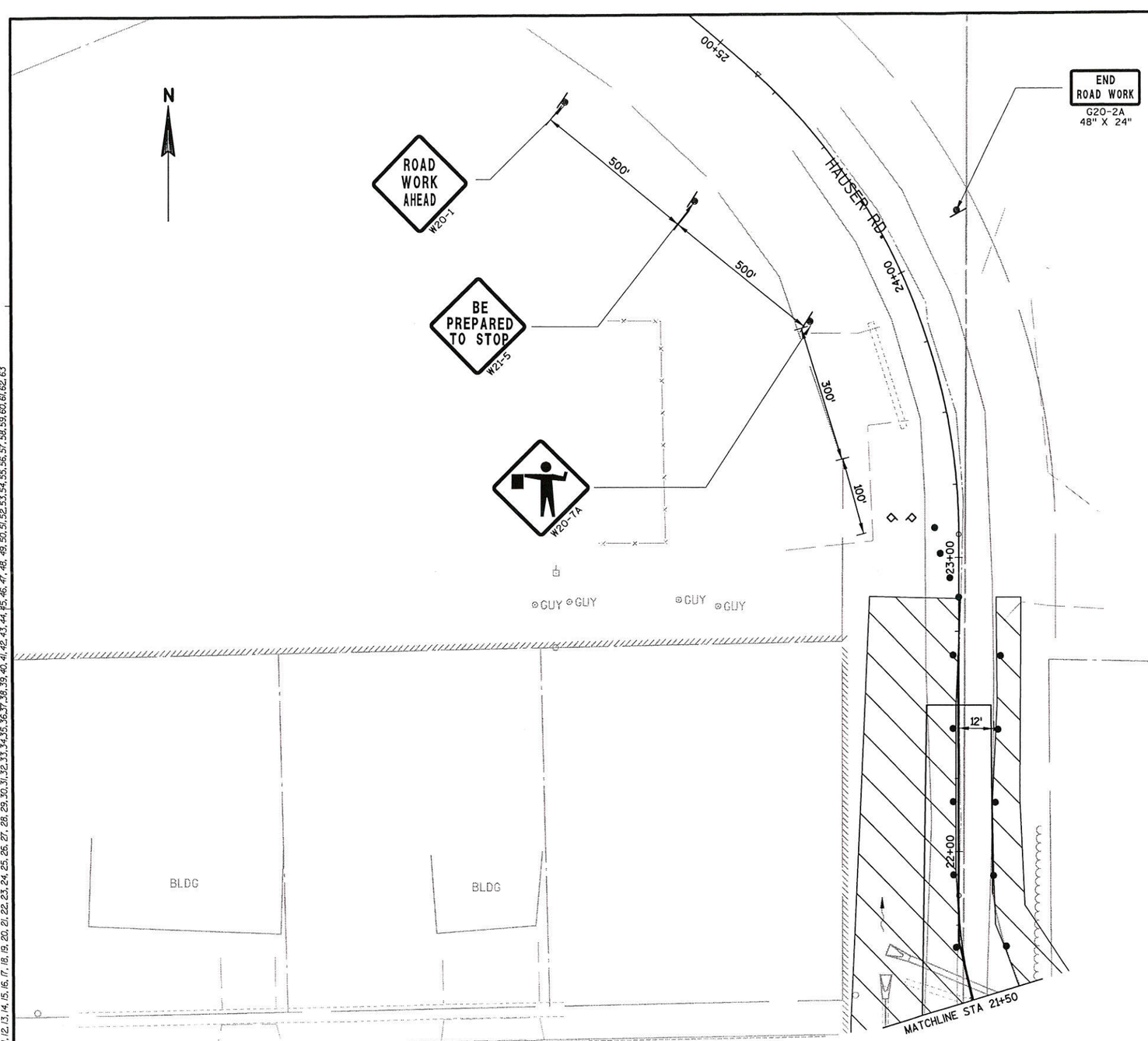
LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD



Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 3	SCALE, FEET 0 40	SHEET NO: 2.67	E



LEGEND

- TRAFFIC CONTROL, BARRICADES, TYPE III WITH SIGN AS NOTED AND 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, BARRICADE WITH 2 TYPE 'A' WARNING LIGHTS
- TRAFFIC CONTROL, MOVABLE EXIT SIGN (SEE DETAIL)
- TRAFFIC CONTROL, SIGN
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT (TYPE C)
- TRAFFIC CONTROL, DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TRAFFIC CONTROL, WARNING LIGHT, TYPE A
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER POST AND BASE
- FLAGS, 12" X 12", RED
- DIRECTION OF TRAFFIC
- CLOSED OR UNDER CONSTRUCTION
- ARROW BOARD

Fleming, Andre & Associates, Inc.
Consulting Engineers

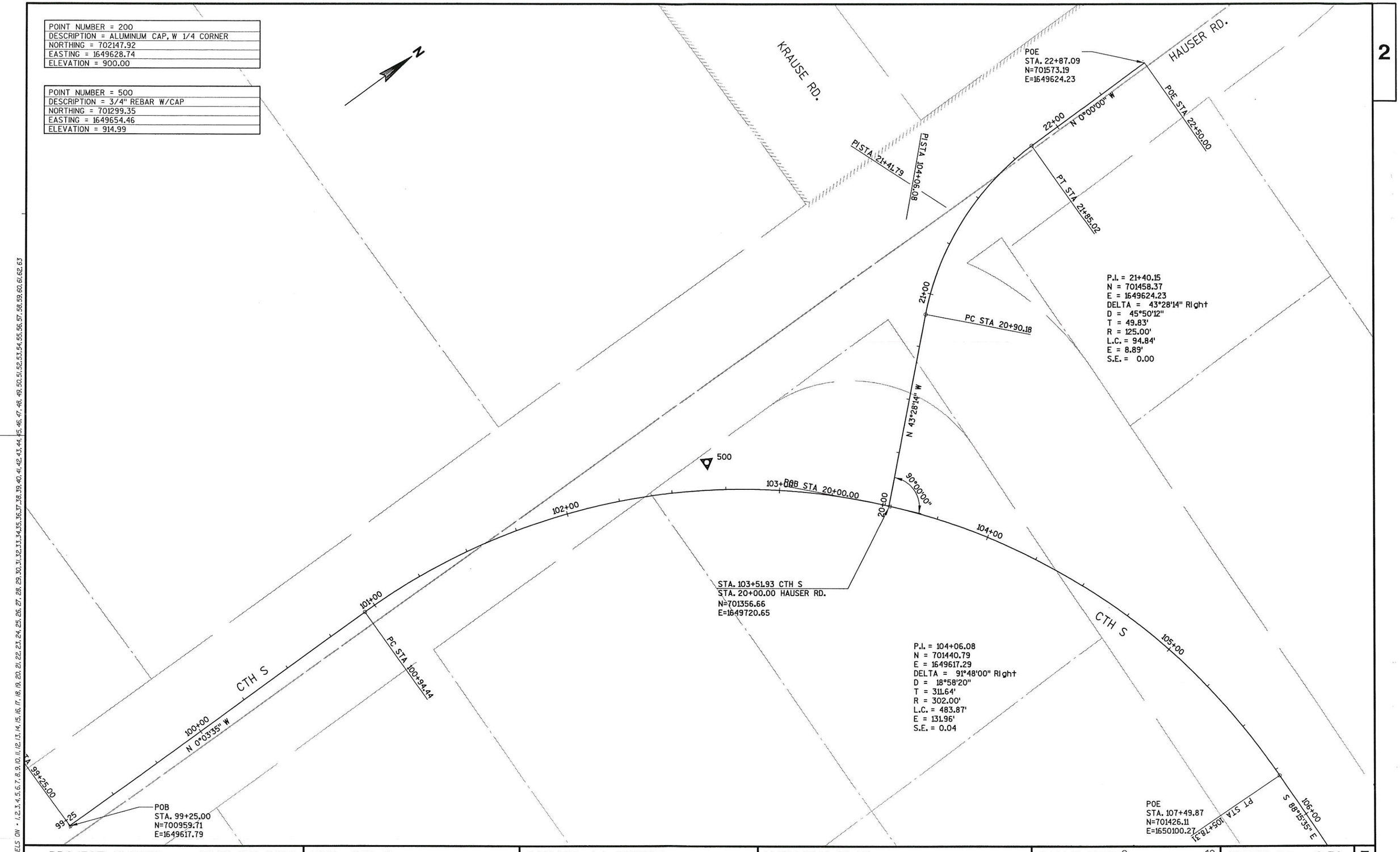
PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	TRAFFIC CONTROL STAGE 3	SCALE, FEET 0 — 40	SHEET NO: 2.68	E

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

FILE NAME : f:\drawings\2002-138\0001\2608.dgn | PLOT DATE : 03/11/04 | PLOT BY : $$...plotuser...$$ | PLOT NAME : | ORG DATE : | Originator : Dist | PLOT SCALE : $$...plotscale...$$

POINT NUMBER = 200
DESCRIPTION = ALUMINUM CAP, W 1/4 CORNER
NORTHING = 702147.92
EASTING = 1649628.74
ELEVATION = 900.00

POINT NUMBER = 500
DESCRIPTION = 3/4" REBAR W/CAP
NORTHING = 701299.35
EASTING = 1649654.46
ELEVATION = 914.99



2

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	ALIGNMENT PLAN	SCALE, FEET 0 40	SHEET NO: 2.70	E

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

FILE NAME : f:\Drawings\2002-138\0001\2700.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$

WISDOT/CADDS SHEET 42

CLEARING		
STATION TO STATION	LOCATION	STA.
101+50 - 104+25	CTH S, RT	3
104+50 - 106+00	CTH S, LT	2
ITEM TOTAL		5

GRUBBING		
STATION TO STATION	LOCATION	STA.
101+50 - 104+25	CTH S, RT	3
104+50 - 106+00	CTH S, LT	2
ITEM TOTAL		5

REMOVING SMALL PIPE CULVERTS		
STATION TO STATION	LOCATION	EACH
100+24	CTH S, RT	1
101+41	CTH S, RT	1
102+53	CTH S, LT	1
104+28	CTH S, LT	1
21+49	HAUSER RD	1
20+65 - 21+33	HAUSER RD, LT	1
21+33 - 21+64	HAUSER RD, LT	1
ITEM TOTAL		7

REMOVING GUARDRAIL		
STATION TO STATION	LOCATION	L.F.
20+57 - 21+11	HAUSER RD - LT	91
ITEM TOTAL		91

EARTHWORK SUMMARY					
STATION TO STATION	LOCATION	EXC. COMMON C.Y.	FILL EXC. C.Y.	BORROW C.Y.	WASTE C.Y.
100+00 - 107+50	CTH S	559	952	679	
20+50 - 22+50	HAUSER RD.	88	186	154	
ITEM TOTAL		647	1138	833	0

FINISHING ROADWAY		
STATION TO STATION	LOCATION	L.S.
99+25 - 107+50	MAINLINE	1
ITEM TOTAL		1

BASE AGGREGATE DENSE 3/4-INCH		
STATION TO STATION	LOCATION	TON
20+75 - 22+50	HAUSER RD.	30
99+25 - 103+00	CTH S, LT	35
99+25 - 100+00	CTH S, RT	10
104+00 - 107+50	CTH S, LT	35
106+25 - 107+50	CTH S, RT	10
100+24	CTH S, RT	5
100+74	CTH S, LT	11
101+41	CTH S, RT	22
102+25	CTH S, LT	55
104+25	CTH S, LT	32
ITEM TOTAL		245

BASE AGGREGATE DENSE 1 1/4-INCH		
STATION TO STATION	LOCATION	TON
20+25 - 22+50	HAUSER RD.	480
99+25 - 107+50	CTH S	1620
ITEM TOTAL		2100

TACK COAT		
STATION TO STATION	LOCATION	GAL.
20+25 - 22+50	HAUSER RD.	30
99+25 - 107+50	CTH S	100
ITEM TOTAL		130

3

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

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	MISCELLANEOUS QUANTITIES	SCALE, FEET 0 N/A	SHEET NO: 3.00	E

FILE NAME : f:\drawings\2002-138\0001\3000.dgn PLOT DATE : 4/1/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 100 ft

ASPHALTIC SURFACE		
STATION TO STATION	LOCATION	TON
99+25 - 107+50	MAINLINE	880
20+25 - 22+50	MAINLINE	280
ITEM TOTAL		1160

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES		
STATION TO STATION	LOCATION	TON
100+24	CTH S, RT	2
100+74	CTH S, LT	9
101+41	CTH S, RT	9
102+25	CTH S, LT	18
104+25	CTH S, LT	12
ITEM TOTAL		50

CULVERT PIPE, CLASS IV, 24-INCH		
STATION	LOCATION	L.F.
21+55	HAUSER RD.	58.0
ITEM TOTAL		58.0

APRON ENDWALLS FOR CULVERT PIPE, 24-INCH		
STATION	LOCATION	EACH
21+55	HAUSER RD.	2.0
ITEM TOTAL		2.0

APRON ENDWALLS FOR CULVERT PIPE, 30-INCH		
STATION	LOCATION	EACH
21+64	HAUSER RD.	1.0
ITEM TOTAL		1.0

CULVERT PIPE, CLASS III 18-INCH		
STATION	LOCATION	L.F.
104+28	CTH S	17.0
ITEM TOTAL		17.0

APRON ENDWALLS FOR CULVERT PIPE, 15-INCH		
STATION	LOCATION	EACH
107+00	CTH S	2.0
ITEM TOTAL		2.0

APRON ENDWALLS FOR CULVERT PIPE, 18-INCH		
STATION	LOCATION	EACH
104+28	CTH S	2.0
ITEM TOTAL		2.0

WATER		
STATION TO STATION	LOCATION	Mgal.
90+25 - 107+50	MAINLINE	2
ITEM TOTAL		2

SALVAGED TOPSOIL		
STATION TO STATION	LOCATION	S.Y.
99+25 - 107+50	CTH S	3070
20+25 - 22+50	HAUSER RD.	1550
ITEM TOTAL		4620

MULCHING		
STATION TO STATION	LOCATION	S.Y.
99+25 - 107+50	CTH S	2600
20+25 - 22+50	HAUSER RD.	1390
ITEM TOTAL		3990

EROSION BALES DELIVERED		
STATION	LOCATION	EACH
104+50	CTH S, LT	5
105+00	CTH S, LT	5
105+50	CTH S, LT & RT	5
106+00	CTH S, LT	5
106+50	CTH S, LT	5
ITEM TOTAL		25

EROSION BALES INSTALLED		
STATION TO STATION	LOCATION	EACH
104+50	CTH S, LT	5
105+00	CTH S, LT	5
105+50	CTH S, LT & RT	5
106+00	CTH S, LT	5
106+50	CTH S, LT	5
99+25 - 107+50	UNDISTRIBUTED	10
ITEM TOTAL		35

3

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

CONCRETE CURB AND GUTTER, 30-INCH, TYPE D		
STATION TO STATION	LOCATION	L.F.
100+00 - 106+25	CTH S, RT	625.0
ITEM TOTAL		625.0

CONCRETE CURB AND GUTTER, 4-INCH MOUNTABLE 36-INCH TYPE D		
STATION TO STATION	LOCATION	L.F.
102+85 - 20+74	CTH S, LT - HAUSER RD, LT	67.0
20+62 - 104+01	HAUSER RD, RT - CTH S, LT	51.0
ITEM TOTAL		118.0

CONCRETE SAFETY ISLANDS		
STATION TO STATION	LOCATION	S.F.
20+40	HAUSER RD, LT	130
ITEM TOTAL		130

RIPRAP MEDIUM		
STATION TO STATION	LOCATION	C.Y.
21+70	HAUSER RD, LT	10
ITEM TOTAL		10

STORM SEWER PIPE IV 12-INCH		
STATION TO STATION	LOCATION	L.F.
102+70	CTH S, RT	23
ITEM TOTAL		23

STORM SEWER PIPE CLASS IV 18-INCH		
STATION TO STATION	LOCATION	L.F.
99+85	CTH S, RT	22
ITEM TOTAL		22

STORM SEWER PIPE REINFORCED CLASS IV 24-INCH		
STATION TO STATION	LOCATION	L.F.
99+85 - 102+70	CTH S	275
104+25 - 20+52	CTH S, LT - HAUSER RD, RT	79
ITEM TOTAL		354

STORM SEWER PIPE CLASS IV 30-INCH		
STATION TO STATION	LOCATION	L.F.
102+70 - 21+33	CTH S - HAUSER RD, LT	156
21+33 - 21+64	HAUSER RD, LT	39
ITEM TOTAL		195

MANHOLES TYPE 1		
STATION TO STATION	LOCATION	EACH
99+85	CTH S	1
104+25	CTH S	1
ITEM TOTAL		2

MANHOLES TYPE 3		
STATION TO STATION	LOCATION	EACH
101+25	CTH S	1
102+70	CTH S	1
21+33	HAUSER RD, LT	1
ITEM TOTAL		3

INLETS TYPE 3		
STATION TO STATION	LOCATION	EACH
102+70	CTH S, RT	1
102+79	CTH S, RT	1
ITEM TOTAL		2

INLETS TYPE 9		
STATION TO STATION	LOCATION	EACH
99+85	CTH S, RT	1
106+37	CTH S, RT	1
ITEM TOTAL		2

MANHOLE COVERS TYPE J		
STATION TO STATION	LOCATION	EACH
99+85	CTH S	1
102+70	CTH S	1
104+25	CTH S	1
21+33	HAUSER RD	1
ITEM TOTAL		4

INLET COVERS, TYPE H-S		
STATION TO STATION	LOCATION	EACH
102+70	CTH S, RT	1
102+79	CTH S, RT	1
ITEM TOTAL		2

INLET COVERS, TYPE MS		
STATION TO STATION	LOCATION	EACH
99+85	CTH S, RT	2
106+37	CTH S, RT	2
ITEM TOTAL		4

3

COVER PLATES TEMPORARY		
STATION TO STATION	LOCATION	EACH
99+85	CTH S	1
101+25	CTH S	1
102+70	CTH S	1
104+25	CTH S	1
ITEM TOTAL		4

ANCHORAGES FOR STEEL PLATE BEAM GUARD TYPE 2		
STATION TO STATION	LOCATION	EACH
102+67	CTH S, LT	1
21+18	HAUSER RD, LT	1
ITEM TOTAL		2

STEEL PLATE BEAM GUARD CLASS A		
STATION TO STATION	LOCATION	L.F.
102+67 - 21+20	CTH S, LT - HAUSER RD, LT	148
ITEM TOTAL		148

MOBILIZATION		
STATION TO STATION	LOCATION	EACH
99+25 - 107+50	MAINLINE	1
ITEM TOTAL		1

SILT FENCE DELIVERED		
STATION TO STATION	LOCATION	L.F.
100+25 - 100+67	CTH S, LT	60
100+81 - 102+17	CTH S, LT	200
102+31 - 102+96	CTH S, LT	110
99+25 - 107+50	UNDISTRIBUTED	50
ITEM TOTAL		420

SILT FENCE INSTALLED		
STATION TO STATION	LOCATION	L.F.
100+25 - 100+67	CTH S, LT	60
100+81 - 102+17	CTH S, LT	200
102+31 - 102+96	CTH S, LT	110
99+25 - 107+50	UNDISTRIBUTED	50
ITEM TOTAL		420

SILT FENCE MAINTENANCE		
STATION TO STATION	LOCATION	L.F.
100+25 - 100+67	CTH S, LT	60
100+81 - 102+17	CTH S, LT	200
102+31 - 102+96	CTH S, LT	110
99+25 - 107+50	UNDISTRIBUTED	50
ITEM TOTAL		420

MOBILIZATIONS EROSION CONTROL		
STATION TO STATION	LOCATION	EACH
99+25 - 107+50	MAINLINE	1
ITEM TOTAL		1

MOBILIZATIONS EMERGENCY EROSION CONTROL		
STATION TO STATION	LOCATION	EACH
99+25 - 107+50	MAINLINE	1
ITEM TOTAL		1

EROSION MAT DELIVERED CLASS I TYPE B		
STATION TO STATION	LOCATION	S.Y.
99+25 - 99+80	CTH S, RT	42
104+00 - 106+25	CTH S, RT	162
106+42 - 106+75	CTH S, RT	27
104+39 - 107+25	CTH S, LT	247
20+55 - 21+13	HAUSER RD, RT	94
21+75 - 22+50	HAUSER RD, LT	68
CTH S, HAUSER RD.	UNDISTRIBUTED	20
ITEM TOTAL		660

EROSION MAT INSTALLED, CLASS I TYPE B		
STATION TO STATION	LOCATION	S.Y.
99+25 - 99+80	CTH S, RT	42
104+00 - 106+25	CTH S, RT	162
106+42 - 106+75	CTH S, RT	27
104+39 - 107+25	CTH S, LT	247
20+55 - 21+13	HAUSER RD, RT	94
21+75 - 22+50	HAUSER RD, LT	68
CTH S, HAUSER RD.	UNDISTRIBUTED	20
ITEM TOTAL		660

INLET PROTECTION TYPE A		
STATION TO STATION	LOCATION	EACH
99+85	CTH S, RT	1
106+37	CTH S, RT	1
ITEM TOTAL		2

FERTILIZER, TYPE B		
STATION TO STATION	LOCATION	CWT.
99+25 - 107+50	CTH S	2
20+25 - 22+50	HAUSER RD.	1
CTH S, HAUSER RD.	UNDISTRIBUTED	1
ITEM TOTAL		4

3

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

SEEDING MIXTURE NO. 40		
STATION TO STATION	LOCATION	LBS.
99+25 - 107+50	CTH S	90
20+25 - 22+50	HAUSER RD.	45
CTH S, HAUSER RD.	UNDISTRIBUTED	15
ITEM TOTAL		150

TRAFFIC CONTROL (PROJECT)		
STATION TO STATION	LOCATION	EACH
99+25 - 107+50	PROJECT	1.0
ITEM TOTAL		1.0

GEOTEXTILE FABRIC TYPE HR		
STATION TO STATION	LOCATION	S.Y.
21+70	HAUSER RD, LT	20
ITEM TOTAL		20

PAVEMENT MARKING EPOXY 4-INCH		
STATION TO STATION	LOCATION	L.F.
99+25 - 107+50	CTH S	3505
20+40 - 22+50	HAUSER RD.	795
ITEM TOTAL		4300

PAVEMENT MARKING CHANNELIZING EPOXY 8-INCH		
STATION TO STATION	LOCATION	L.F.
104+00 - 105+00	CTH S	100
20+46 - 20+59	HAUSER RD.	24
ITEM TOTAL		124

PAVEMENT MARKING STOP LINE EPOXY 12-INCH		
STATION	LOCATION	L.F.
20+40	HAUSER RD.	33
ITEM TOTAL		33

PAVEMENT MARKING DIAGONAL EPOXY 12-INCH		
STATION TO STATION	LOCATION	L.F.
100+00 - 102+38	CTH S	140
103+85 - 105+53	CTH S	70
ITEM TOTAL		210

SAWING EXISTING PAVEMENT		
STATION TO STATION	LOCATION	LF
99+45	CTH S	24
100+24	DRIVEWAY	18
100+74	DRIVEWAY	14
101+41	DRIVEWAY	15
101+25	DRIVEWAY	19
104+38	DRIVEWAY	12
107+50	CTH S	24
21+25	KRAUSE ROAD	36
22+50	HAUSER ROAD	22
ITEM TOTAL		184

PIPE GRATES		
STATION TO STATION	LOCATION	EACH
21+64	HAUSER RD, LT	1
ITEM TOTAL		1

3

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

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	MISCELLANEOUS QUANTITIES	SCALE, FEET 0 N/A	SHEET NO: 3.04	E

FILE NAME : f:\drawings\2002-138\0001\3004.dgn PLOT DATE : 4/1/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 100 ft

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
2002-138-20		
FEDERAL PROJECT NUMBER	4.1	5

PLAT OF RIGHT-OF-WAY REQUIRED FOR

CTH S - HAUSER ROAD

CTH S — LA CROSSE COUNTY

CONSTRUCTION PROJECT NUMBER 2002-138

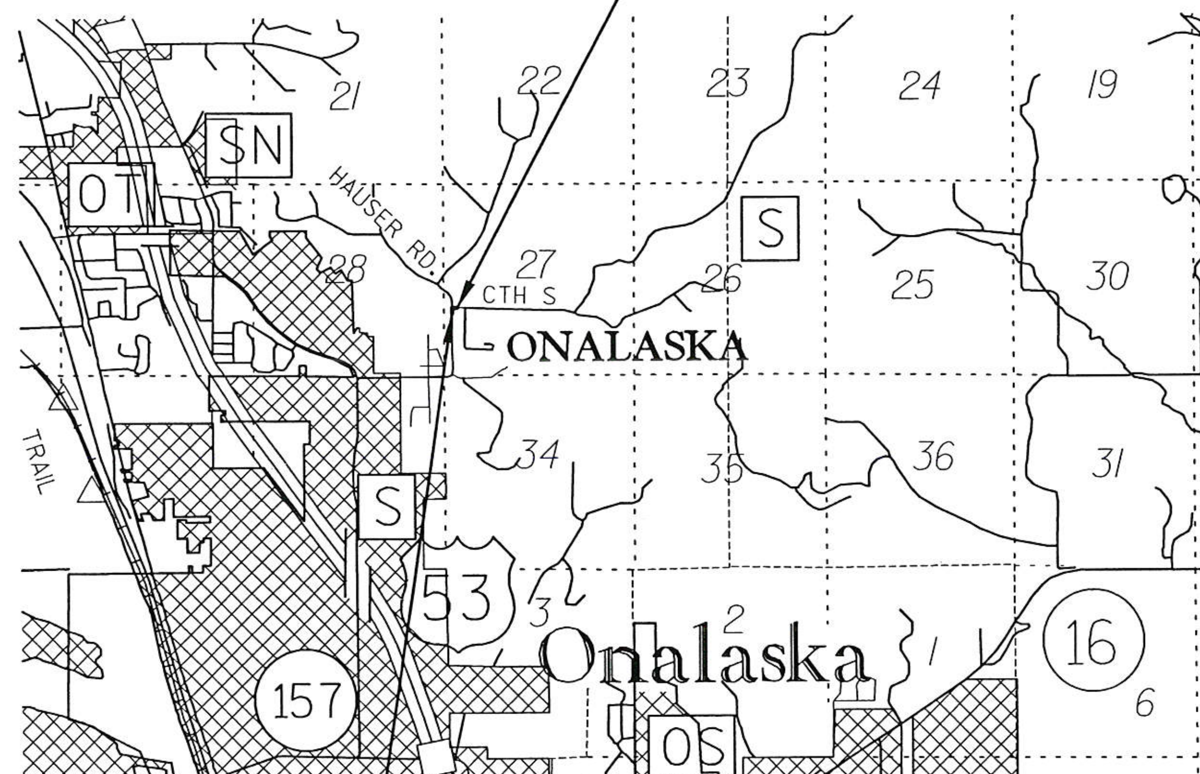
CONVENTIONAL SIGNS AND ABBREVIATIONS

TOWN OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
PROPOSED OR NEW R/W LINE
EXISTING R/W LINE
LOT LINE
PROPERTY LINE
WATER
GAS
TELEPHONE OR TELEGRAPH
ELECTRIC
CABLE TELEVISION
FIBER OPTIC
SANITARY SEWER
STORM SEWER
NOTATION FOR COMBUSTIBLE FLUIDS
BUILDING

NO ACCESS (By Previous Acquisition)
NO ACCESS (By Acquisition)
NO ACCESS (By Statutory Authority)
CORPORATE LIMITS
SECTION CORNER (FOUND RECORDED MONUMENT)
IRON PIN (FOUND)
(3/4" RBAR) RIGHT OF WAY MONUMENT (SET)
TRIANGULATION POINT OR HORIZONTAL CONTROL STATION
TEMPORARY INTEREST
PERMANENT LIMITED EASEMENT
HIGHWAY EASEMENT

AC	ACRE	PT	POINT OF TANGENCY
AH	AHEAD	POC	POINT ON CURVE
AP	ACCESS POINT	POT	POINT ON TANGENT
AR-VXXX/ PXXX	BASIS OF ACCESS RIGHTS	R	RADIUS
BK	BACK	R	RANGE
℄ OR C/L	CENTER LINE	℄ OR R/L	RERERENCE LINE
CO	COUNTY	REM	REMAINING
CTH	COUNTY TRUNK HIGHWAY	REQD	REQUIRED
CULV	CULVERT	RT	RIGHT
(D)	DEED	R/W	RIGHT-OF-WAY
D	DEGREE OF CURVE	SEC	SECTION
E	EAST	S	SOUTH
EB	EASTBOUND	SB	SOUTHBOUND
EXIST	EXISTING	SF OR SQ FT	SQUARE FEET
INT	INTERSECTION	STH	STATE TRUNK HIGHWAY
I	INTERSECTION ANGLE	STA	STATION
IP	IRON PIPE OR PIN	SUBD	SUBDIVISION
LC	LAND CONTRACT	SL OR S/L	SURVEY LINE
LT	LEFT	T	TANGENT
L	LENGTH OF CURVE	TI	TEMPORARY INTEREST
LIN FT OR LF	LINEAR FOOT	T OR TN	TOWN
LC	LONG CHORD OF CURVE	USH	UNITED STATES HIGHWAY
MH	MANHOLE	WB	WESTBOUND
N	NORTH	X	EAST GRID COORDINATE
NB	NORTHBOUND	Y	NORTH GRID COORDINATE
NC	NO CHANGE		
NO	NUMBER		
NTS	NOT TO SCALE		
OL	OUT LOT		
PLE	PERMANENT LIMITED EASEMENT		
PC	POINT OF CURVATURE		
PI	POINT OF INTERSECTION		
PRC	POINT OF REVERSE CURVATURE		

	NON-COMPENSABLE	COMPENSABLE
SERVICE PEDESTAL		
POWER POLE		
TELEPHONE POLE		
SIGN		



END RELOCATION ORDER

STA. 107+00.00

720.29 FEET SOUTH OF AND 421.68 FEET EAST OF THE WEST QUARTER CORNER OF SECTION 27, TOWNSHIP 17 NORTH, RANGE 7 WEST.

Y = 701427.63
X = 1650050.42

BEGIN RELOCATION ORDER

STA. 100+00.00

1,113.21 FEET SOUTH OF AND 11.03 FEET WEST OF THE WEST QUARTER CORNER OF SECTION 27, TOWNSHIP 17 NORTH, RANGE 7 WEST.

Y = 701034.71
X = 1649617.71

LAYOUT

SCALE 0 — 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.133 MI.

NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COORDINATE SYSTEM, CENTRAL ZONE.
ALL PLAT DISTANCES ARE GROUND LENGTH.

RIGHT-OF-WAY MONUMENTS ARE 3/4" RBAR WITH CAP AND WILL BE 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 SYSTEM OR OTHER SURVEYS OF PUBLIC RECORD.

REVISION DATE
4-2-04 JTM

ACCEPTED FOR
County of La Crosse
3-9-04 Dennis Osgood - Hwy Comm
3-9-04 Dennis Osgood - Hwy Comm
(Date) (Signature & title of official)

ORIGINAL PLANS PREPARED BY
Fleming, Andre & Associates, Inc.
Consulting Engineers

WISCONSIN JOHN T. MUELLER 2454 CHIPPEWA FALLS WI LAND SURVEYOR

3-9-04
(Date) (Signature)

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. (NA = NOT AVAILABLE)
• = CONDOMINIUM UNIT (H.E. = HIGHWAY EASEMENT)

PARCEL NUMBER	SHEET NUMBER	OWNERS	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED						TOTAL ACRES REMAINING		TI ACRES		PLE/HE ACRES	
					NEW		EXISTING		TOTAL							
1	4.3, 4.5	MARY E. DEBOER	TI	0.53 AC	0.00	AC	0.00	AC	0.00	AC	0.53	AC	0.03	AC	0.00	AC
2	4.3, 4.5	GERALD L. & DAPHNE L. MONTI	FEE & TI	0.53 AC	0.04	AC	0.00	AC	0.04	AC	0.49	AC	0.06	AC	0.00	AC
3	4.3 - 4.5	HUBERT & BARBARA HOFFMAN	FEE & TI	1.13 AC	0.36	AC	0.02	AC	0.38	AC	0.75	AC	0.07	AC	0.00	AC
4	4.3	ERIC B. & SANDRA A. NISSEN	TI	1.38 AC	0.00	AC	0.00	AC	0.00	AC	1.38	AC	0.11	AC	0.00	AC
5		RESERVED		0.00 AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
6	4.3, 4.4	DENNIS P. & DEBORA A. KEARNS	TI	1.21 AC	0.00	AC	0.00	AC	0.00	AC	1.21	AC	0.05	AC	0.00	AC
7	4.3, 4.4	WELLINGTON GREENS, LLC	TI	0.28 AC	0.00	AC	0.00	AC	0.00	AC	0.28	AC	0.01	AC	0.00	AC
8	4.4	DAIRYLAND POWER COOPERATIVE	TI	2.50 AC	0.00	AC	0.00	AC	0.00	AC	2.50	AC	0.05	AC	0.00	AC
9	4.3, 4.4	HARTER TRUCKING, INC.	FEE	15.24 AC	0.01	AC	0.00	AC	0.01	AC	15.23	AC	0.00	AC	0.00	AC
10	4.3 - 4.5	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS AND TEMPORARY RELEASE OF EASEMENT													
11	4.3 - 4.5	SCOTT RICHGELS & CHARLOTTE F. FERGUSON	FEE & TI	0.27 AC	0.01	AC	0.00	AC	0.01	AC	0.26	AC	0.01	AC	0.00	AC
12	4.3, 4.5	RICHARD D. KILDOW JR. & RUTH ANN KILDOW	TI	0.74 AC	0.00	AC	0.00	AC	0.00	AC	0.74	AC	0.11	AC	0.00	AC
13				0.00 AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
14				0.00 AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
15				0.00 AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC	0.00	AC
20	4.3 - 4.5	CENTURYTEL	RELEASE OF RIGHTS													
30	4.3 - 4.5	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS													

RIGHT OF WAY COORDINATES

POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
20000	701631.08	1649657.23	30005	701034.67	1649584.71	40003	701210.30	1649665.15	70120	701388.57	1650018.84
20006	701588.71	1649657.23	30006	701387.65	1650049.20	40004	701390.18	1649965.93	70127	701406.88	1649584.33
20007	701748.78	1649626.97	30007	701460.61	1650051.42	40005	701470.37	1649730.23			
30000	701406.69	1649625.45	40000	701170.07	1649650.57	40006	701480.74	1649656.00			
30004	701034.74	1649650.71	40001	701391.34	1649927.57	70054	701588.76	1649655.01			

4

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

REVISION DATE 4-2-04	DATE 3-8-04	SCALE, FEET 0 N/A	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.2	
			COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO:	E

FILE NAME : F:\Drawings\2002-138\0001\4002.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 20 ft

WISDOT/CADDS SHEET 60

ROAD	BASIS OF EXISTING R/W	YEAR
CTH S	CSM #869475, V 1, P 79	1977
	CSM #869474, V 1, P 78	1977
	CSM #890775, V 1, P 109	1978
	66' BY STATUTE	2004
HAUSER ROAD	CSM #890775, V 1, P 109	1978
	CSM #956613, V 3, P 6	1984
	66' BY STATUTE	2004
KRAUSE ROAD	CSM #1168065, V 7, P 110	1997
	PLAT OF WELLINGTON GREENS	2000

TOWN OF ONALASKA

CITY OF ONALASKA

WELLINGTON GREENS

KRAUSE RD.

HAUSER ROAD

CTH S

ERIC B. & SANDRA A. NISSEN
DOC. # 1338400
CSM 1077167
V 5 P 80
LOT 1
(4)

DENNIS P. & DEBORA A. KEARNS
V 1187 P 956
CSM 1168065
V 7 P 110
LOT 1
(6)

LOT 22

LOT 23
(7)

RIVERLAND ENERGY COOPERATIVE (10)

XCEL ENERGY (70127)

CENTURYTEL (20)

CHARTER COMMUNICATIONS (30)

HARTER TRUCKING, INC.
V 1083 P 269
(9)
15.23 AC. REMAIN
(40006)

MARY DEBOER
V 1113 P 936
CSM 869475
V 1 P 79
LOT 2
(1)

GERALD L. & DAPHNE L. MONTI
V 1224 P 134
CSM 869475
V 1 P 79
LOT 3
(2)
0.49 A.C. REMAIN

CSM 869475
V 1 P 79
LOT 4
(3)
0.75 A.C. REMAIN

BEGIN RELOCATION ORDER
STA 100+00.00
Y = 701034.71
X = 1649617.71

P.O.B.
CTH S
STA. = 99+25.00
Y = 700959.71
X = 1649617.79

P.O.B.
HAUSER ROAD
STA. = 20+00
Y = 701356.13
X = 1649721.15

STA 103+51.92 CTH S =
STA 20+00.00 HAUSER RD.

BRASS CAP IN CONCRETE
Y = 702147.92
X = 1649628.74

2¼" IP
Y = 699519.15
X = 1649617.06

CURVE DATA CTH S	CURVE DATA HAUSER ROAD
PC = 100+94.44	PC = 20+90.32
Y = 701129.15	Y = 701422.21
X = 1649617.61	X = 1649658.51
PI = 104+06.08	PI = 21+40.15
Y = 701440.79	Y = 701458.37
X = 1649617.29	X = 1649624.23
PT = 105+78.31	PT = 21+85.16
Y = 701431.33	Y = 701508.21
X = 1649928.79	X = 1649624.23
DELTA = 91°48'00"	DELTA = 43°28'14"
D = 18°58'20"	D = 45°50'12"
T = 311.64'	T = 49.83'
L = 483.87'	L = 94.84'
R = 302.00'	R = 125.00'
LC = 433.75'	LC = 92.58'
LCB = N45°50'25"E	LCB = N21°44'07"W

SEE SHEET 4.4

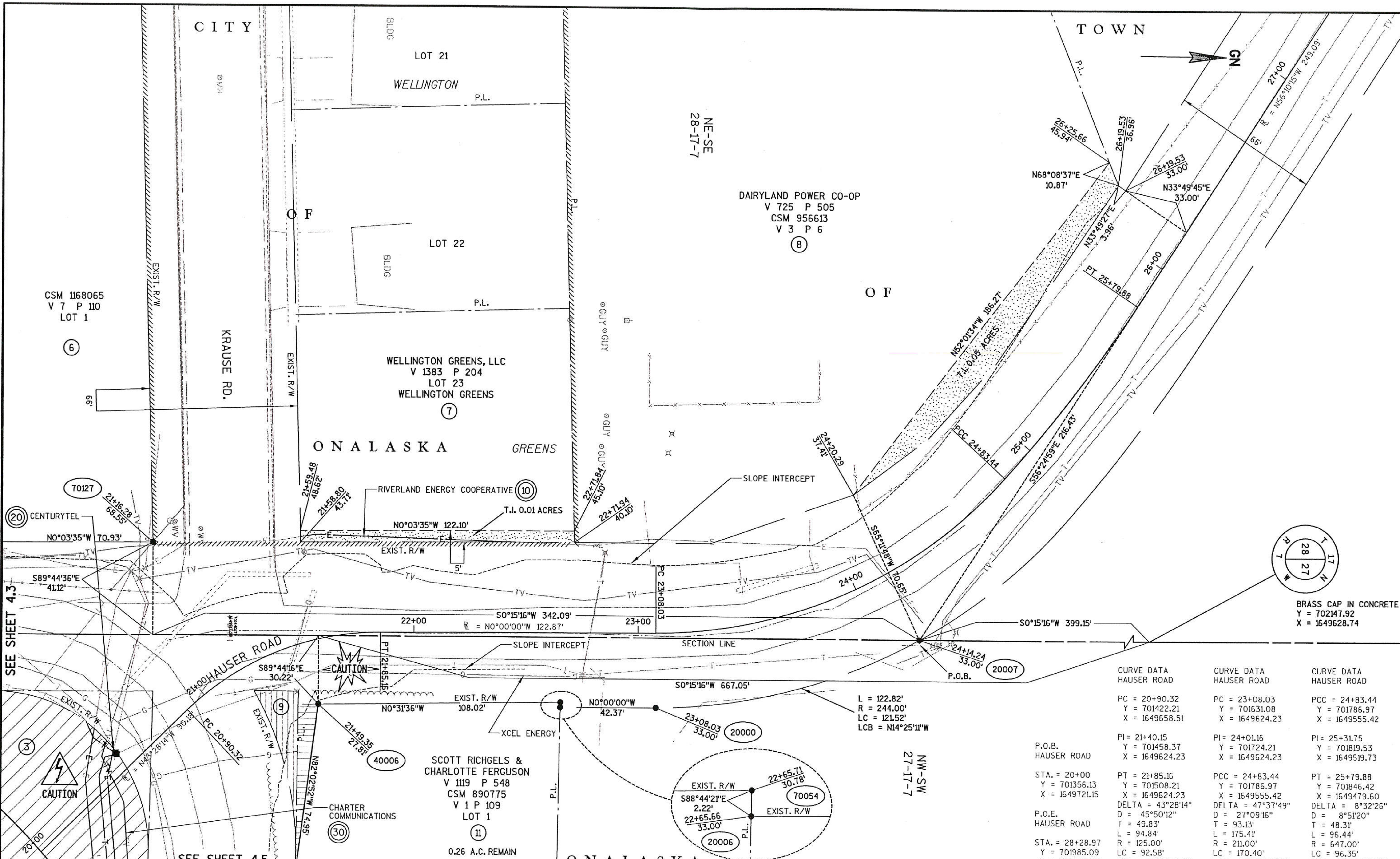
SEE SHEET 4.5

4

REVISION DATE 4-2-04	DATE 3-8-04	SCALE, FEET 0 20 40	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.3	
	GRID FACTOR		COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO:	E

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, 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

FILE NAME : F:\Drawings\2002-138\0001\4003.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 20 ft



REVISION DATE
4-2-04

DATE	SCALE, FEET 0 20 40	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.4
GRID FACTOR		COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO: E

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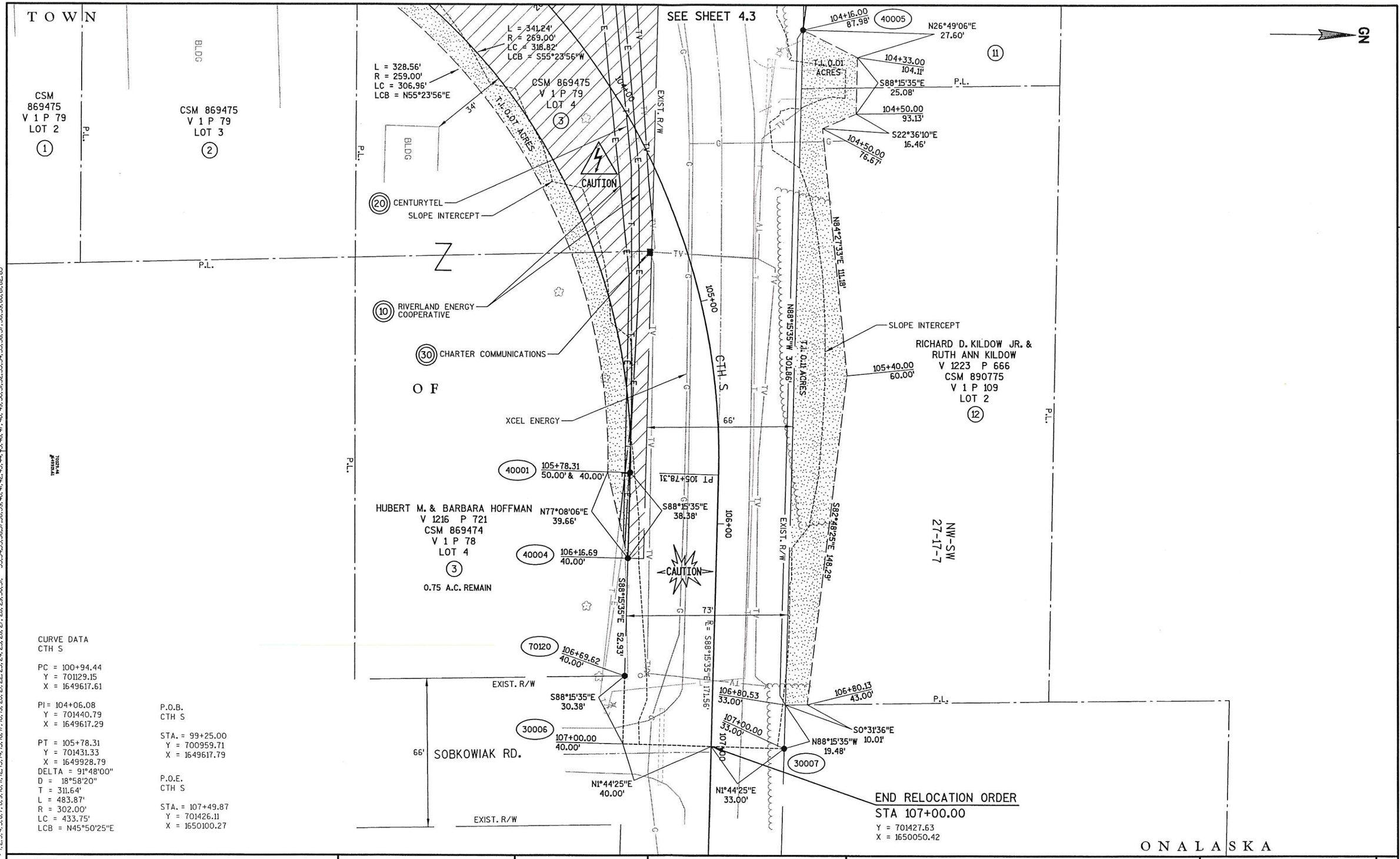


4

REVISION DATE 4-2-04	DATE	SCALE, FEET 0 20 40	HWY: CTH S	COUNTY R/W PROJECT NUMBER 2002-138-20	PLAT SHEET NO: 4.5	
	GRID FACTOR		COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 2002-138	PS&E SHEET NO:	E

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, 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

FILE NAME : F:\Drawings\2002-138\0001\4005.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 20 ft

GENERAL NOTES

CARE SHALL BE TAKEN TO AVOID DISTURBING ANY TREES OR SHRUBS THAT MAY FALL NEAR THE PROPOSED SLOPE INTERCEPTS.

TREE AND SHRUB REMOVALS TO BE APPROVED BY ENGINEER IN THE FIELD.

SAWCUT REQ'D
19'
STA. 102+09.17
21.00' LT
102+00
103+00
104+00
105+00
CTH S
SLOPE LIMITS
STA. 103+51.93 CTH S
STA. 20+00.00 HAUSER RD.
N=701356.66
E=1649720.65
CONCRETE CURB & GUTTER
30-INCH TYPE D
SAWCUT REQ'D
62'
STA. 100+92.86
21.00' LT
SAWCUT REQ'D
14'
62'
10' RAD (TYP.)
101+00
STA. 101+11.68
21.00' RT
100+00
27'
SAWCUT REQ'D
18'
STA. 99+45.00, LT & RT
BEGIN LANE WIDENING
12'
12'
99+25
BEGIN PROJECT
STA. 99+25.00
N=700959.71
E=1649617.79
BLDG
WELL

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1	102+67, 13' LT.	3/4" REBAR W/CAP	914.99

Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	PLAN	SCALE, FEET 0 40	SHEET NO: 5.00	E

FILE NAME : f:\Drawings\2002-138\0001\5000.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$

WISDOT/CADDS SHEET 42

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

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1	102+67, 13' LT.	3/4" REBAR W/CAP	914.99

SAFETY ISLAND INFORMATION

POINT	STATION	LOCATION
1	20+49.8	17.9' LT
2	20+49.3	16.5' LT
3	20+49.3	15.0' LT
4	20+33.8	24.5' LT
5	20+32.6	22.3' LT
6	20+30.2	21.8' LT
7	20+31.1	17.0' LT
8	20+33.6	17.5' LT
9	20+33.6	15.0' LT

STEEL PLATE BEAM GUARD CLASS A REQ'D
STA. 102+67 LT, CTH S TO STA. 21+20 LT, HAUSER RD

ANCHORAGES FOR STEEL PLATE BEAM GUARD TYPE 2
STA. 102+67 - 102+73 LT, CTHS
STA. 21+18 - 21+20 LT, HAUSER RD

REMOVE EXISTING BEAM GUARD
STA. 20+56 - 21+10 LT, HAUSER RD

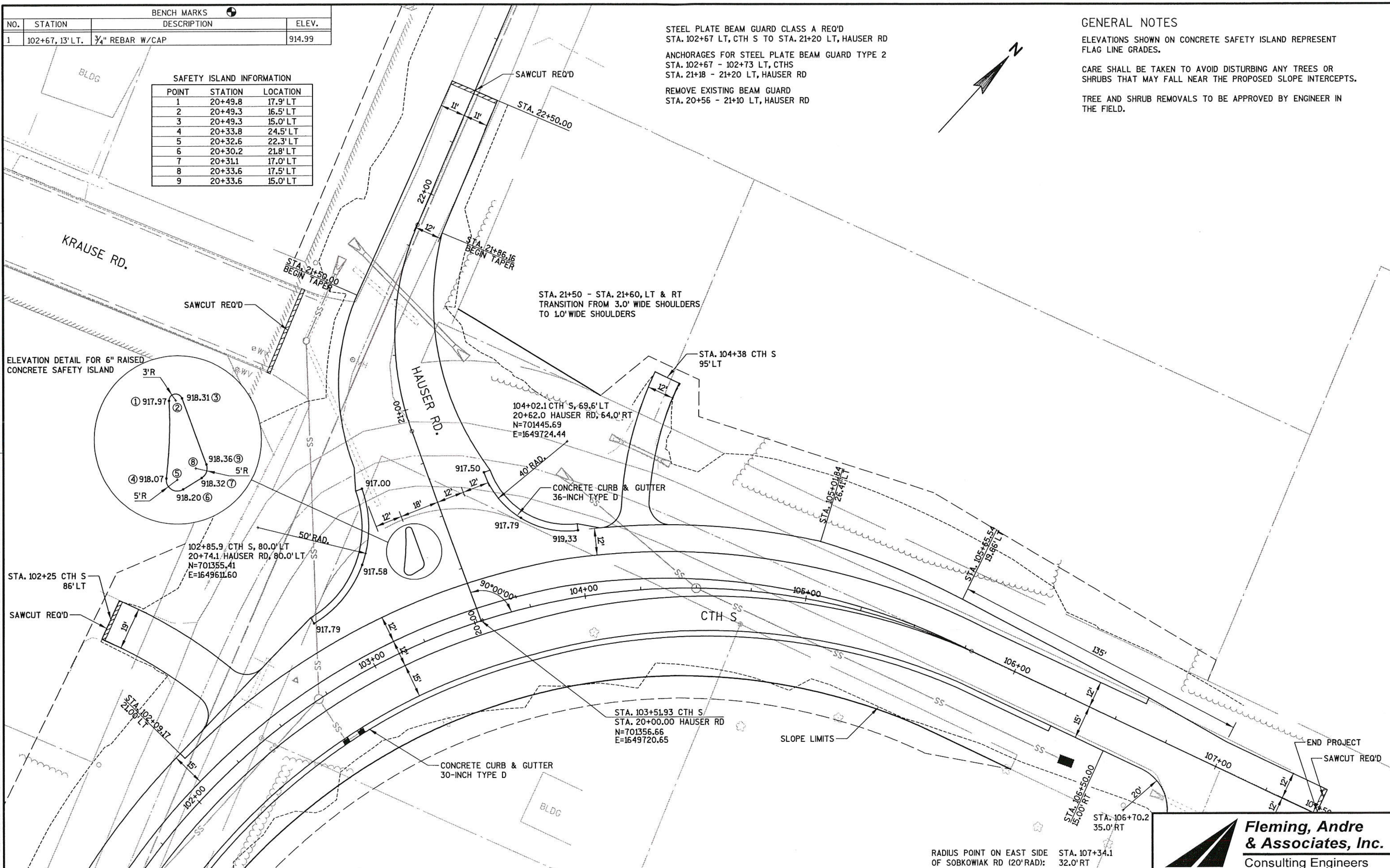
GENERAL NOTES

ELEVATIONS SHOWN ON CONCRETE SAFETY ISLAND REPRESENT FLAG LINE GRADES.

CARE SHALL BE TAKEN TO AVOID DISTURBING ANY TREES OR SHRUBS THAT MAY FALL NEAR THE PROPOSED SLOPE INTERCEPTS.

TREE AND SHRUB REMOVALS TO BE APPROVED BY ENGINEER IN THE FIELD.

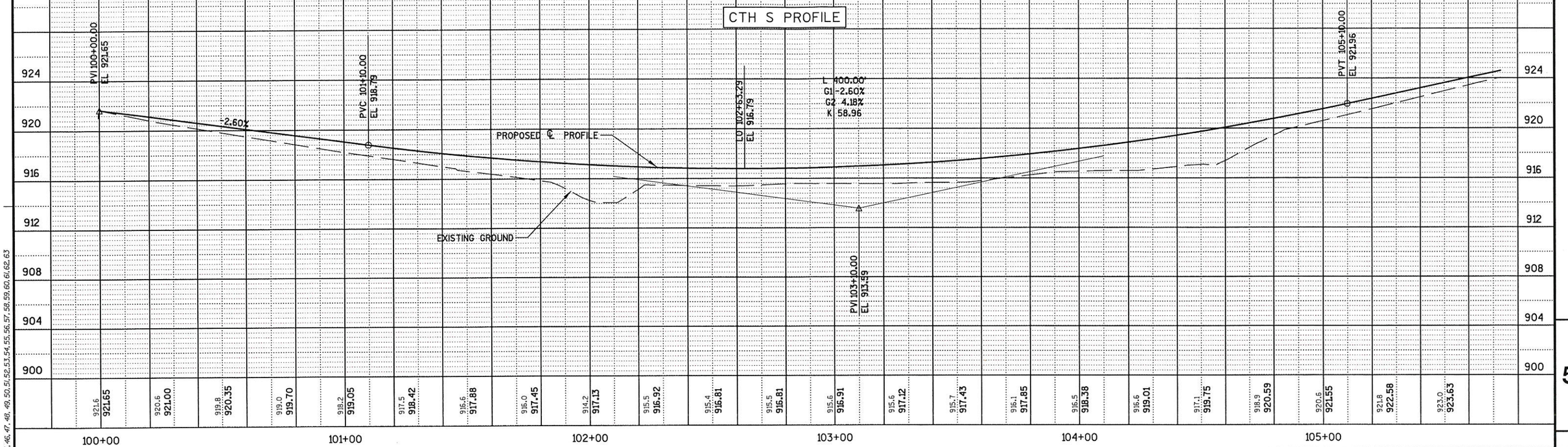
5

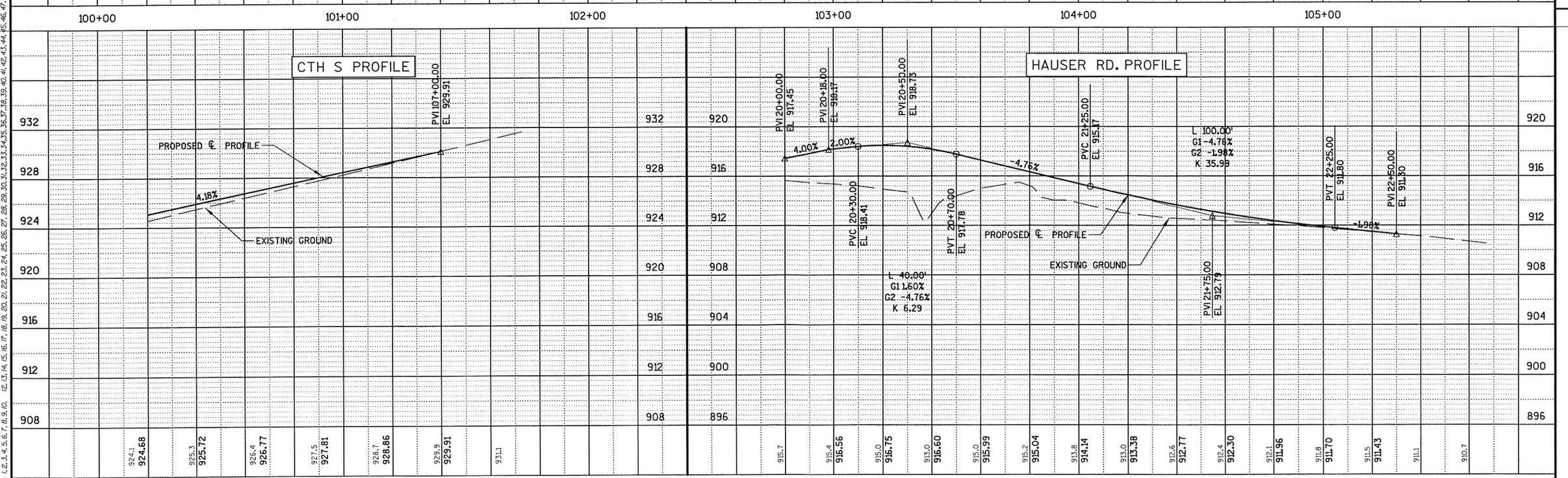


Fleming, Andre & Associates, Inc.
Consulting Engineers

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	PLAN	SCALE, FEET 0 40	SHEET NO: 5.01	E

FILE NAME : f:\drawings\2002-138\0001\5001.dgn PLOT DATE : 4/2/2004 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : $$...plotscale...$$ WISDOT/CADDS SHEET 42



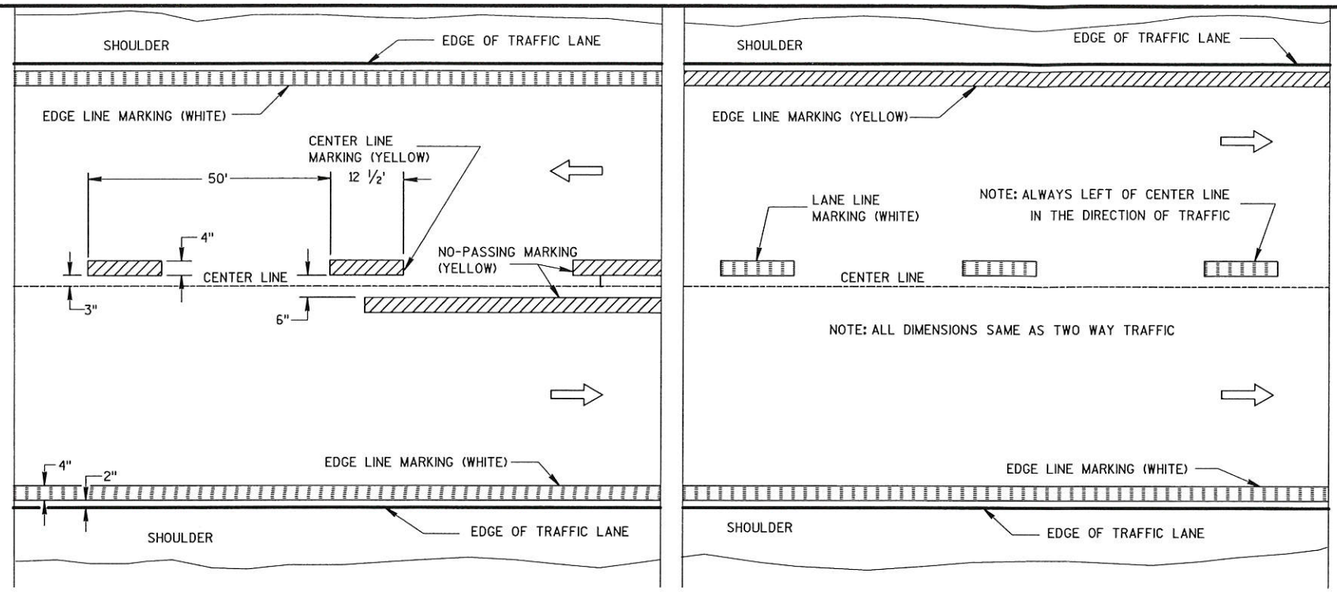


PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	PLAN & PROFILE	SHEET NO: 5.02	E

FILE NAME : f:\drawings\2002-138\0001\5002.dgn PLOT DATE : 03/11/04 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 100 ft

WISDOT/CADDS SHEET 40

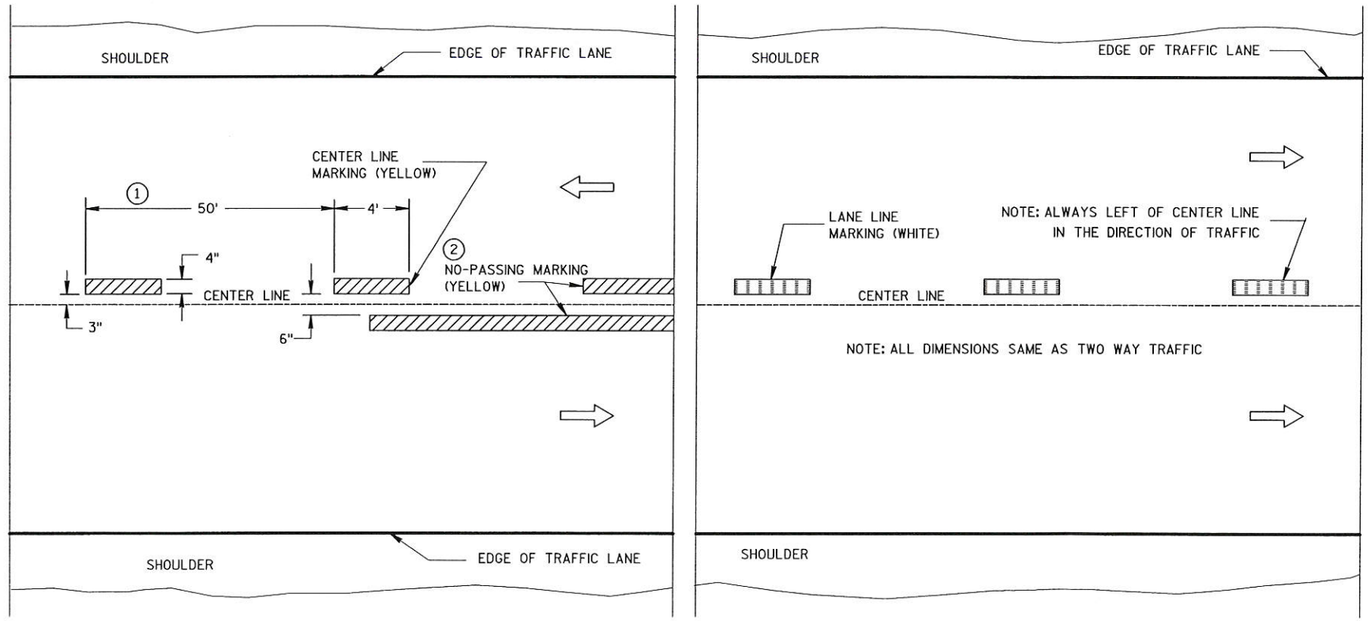
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



TWO WAY TRAFFIC

ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC

ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

GENERAL NOTES

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

(1) HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.

(2) NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

6

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/6/00
DATE
FHWA

PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

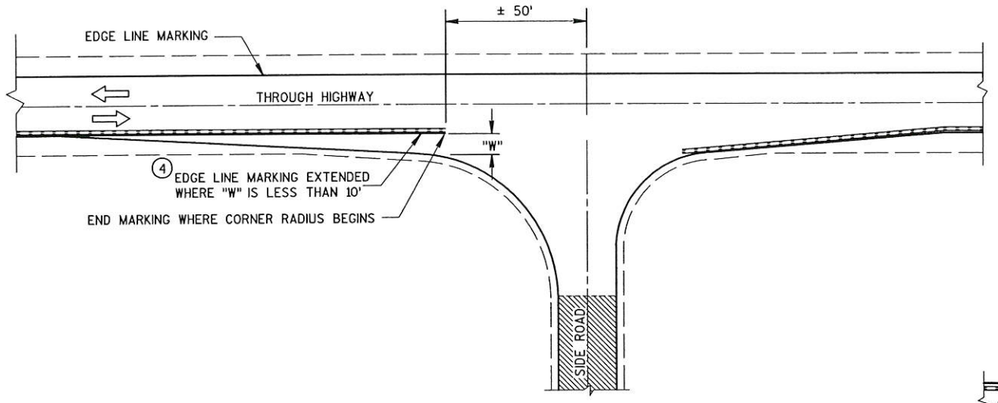
(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.

(4) LOCATE THE EDGE LINE ALONG THE TAPER WHERE "W" IS 10' OR MORE.

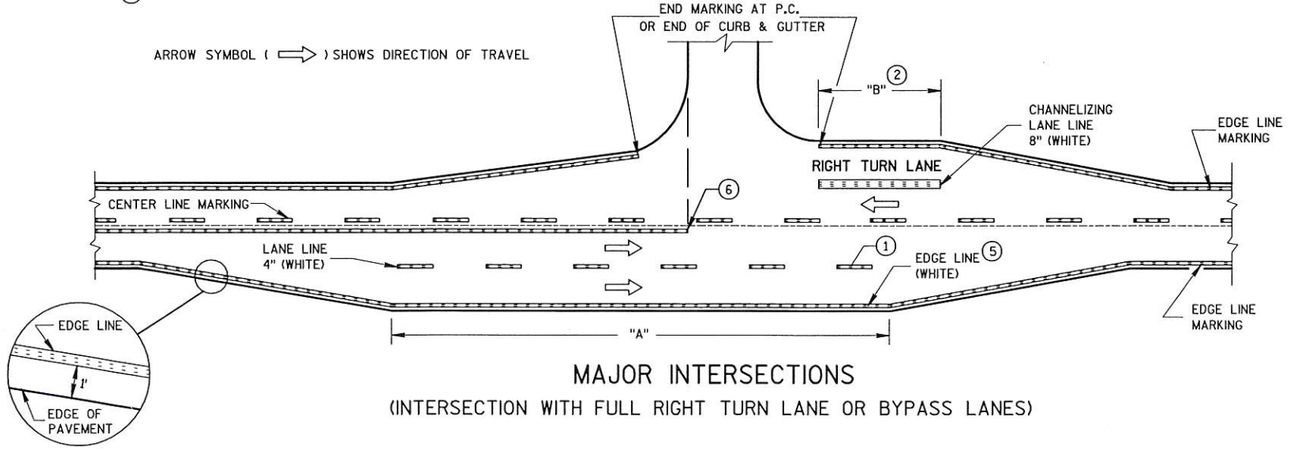
(5) THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.

(6) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.



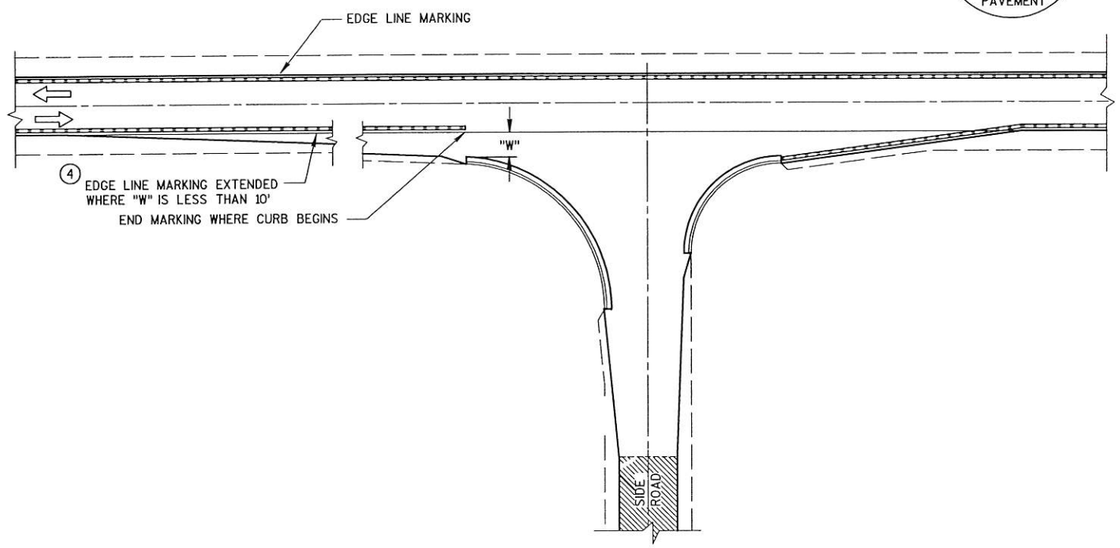
MINOR INTERSECTION WITHOUT CURBS

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



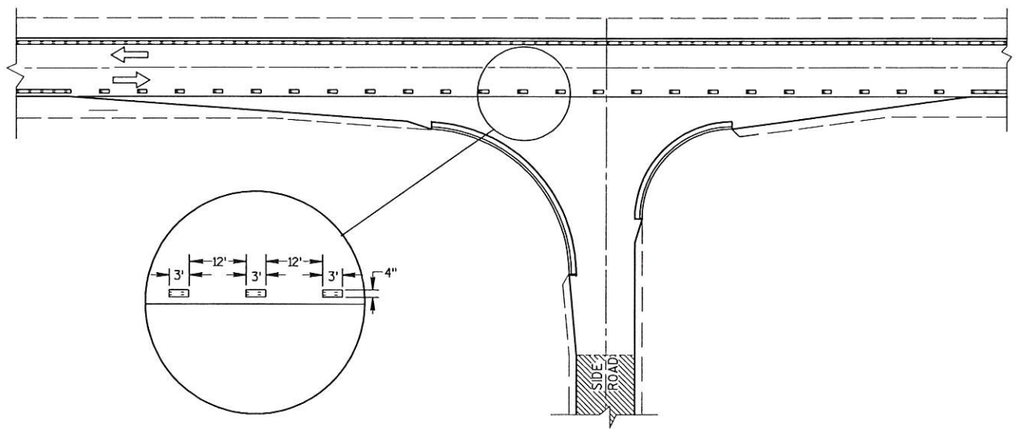
MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS

(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS

(3) (FOR SPECIAL CONDITIONS AS SPECIFIED)

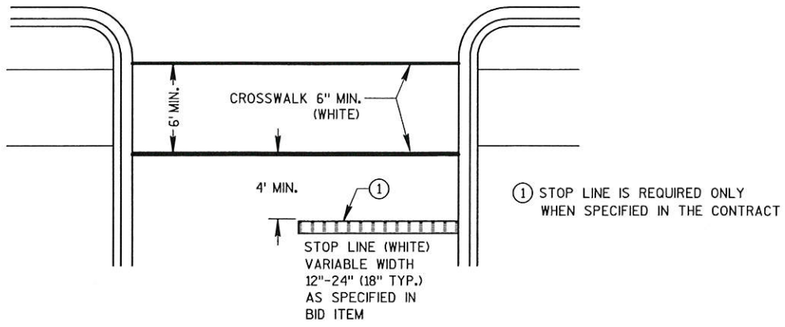
6

PAVEMENT MARKING (INTERSECTIONS)

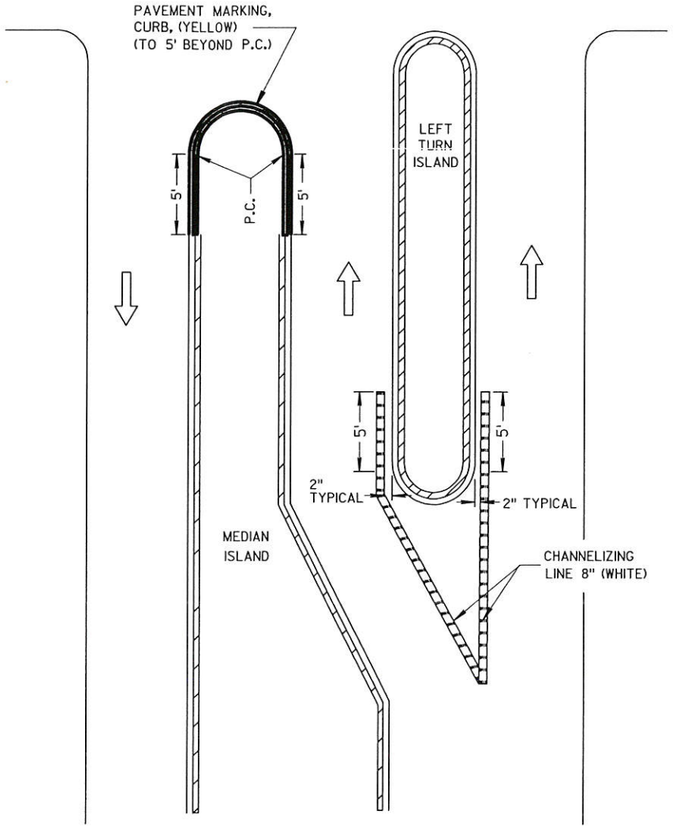
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

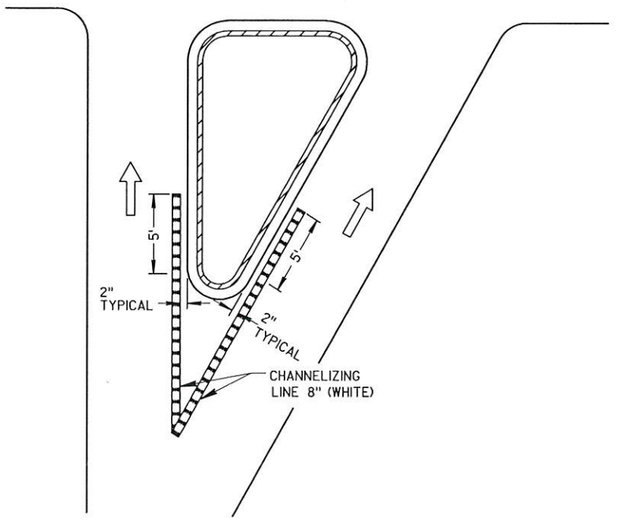
FILE NAME : f:\drawings\2002-138\0001\sdd\s15c809b.dgn
PLOT DATE : 12/30/03
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 1 in : 100 ft
WISDOT/CADDS SHEET 42



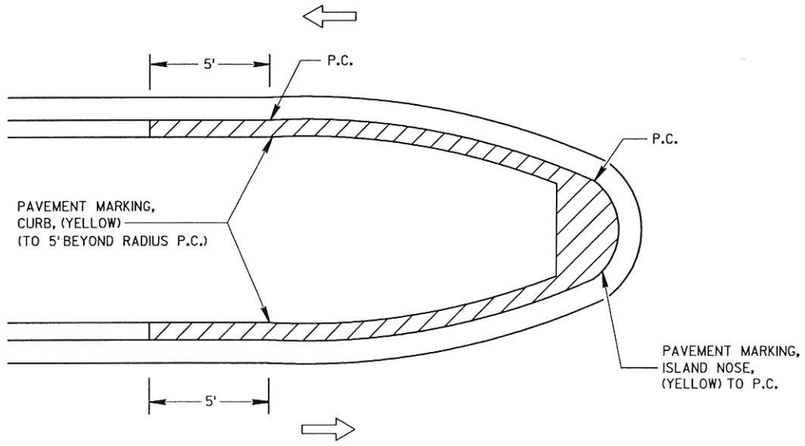
STOP LINE AND CROSSWALK



LEFT TURN & MEDIAN ISLAND



RIGHT TURN ISLAND



MEDIAN ISLAND WITH SLOPED NOSE

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

6

PAVEMENT MARKING
(ISLANDS, STOP LINE & CROSS WALK)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
1-16-03
DATE
FHWA

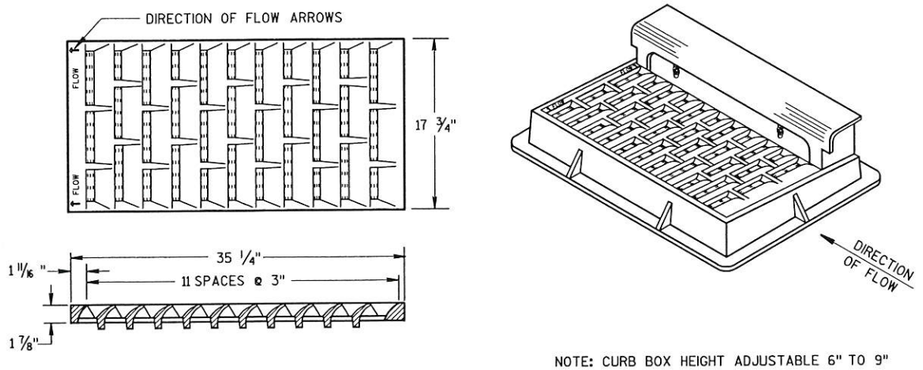
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO: E

FILE NAME : f:\drawings\2002-138\0001\sdd\s15c8010e.dgn PLOT DATE : 12/30/03 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft

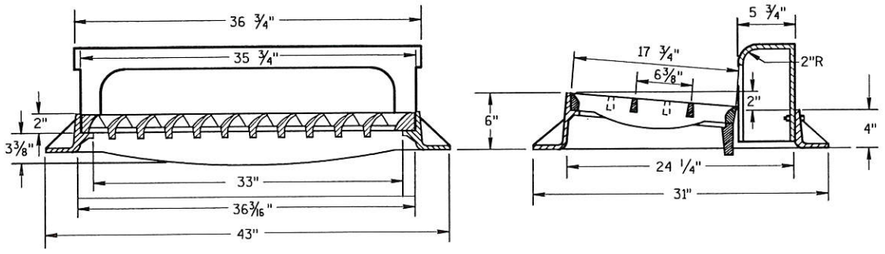
WISDOT/CADDS SHEET 42

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

NOTE:
GRATE IS REVERSIBLE.



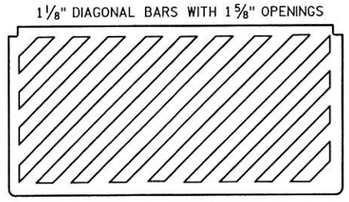
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"



TYPE "H"

(APPROXIMATE WEIGHT 422 LBS.)
FRAME..... 175 LBS.
GRATE..... 138 LBS.
CURB BOX..... 109 LBS.

1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")
(APPROXIMATE WEIGHT 172 LBS.)
GRATE..... 172 LBS.

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

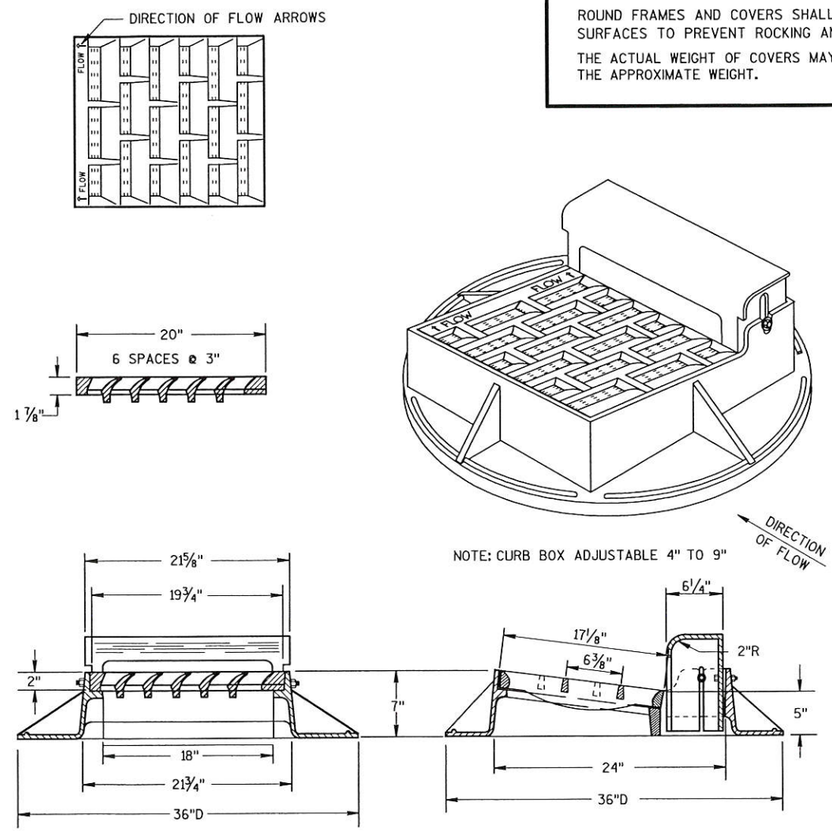
GENERAL NOTES

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.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.



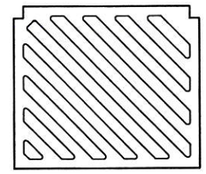
NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.

TYPE "A"

(APPROXIMATE WEIGHT 325 LBS.)
FRAME..... 157 LBS.
GRATE..... 84 LBS.
CURB BOX..... 84 LBS.

1" DIAGONAL BARS
WITH 1 1/2" OPENINGS



SPECIAL GRATE FOR TYPE "A" COVER

(MEASURES 19 3/4" X 17" X 1 7/8"
GRATE..... 84 LBS.

(NOTED AS TYPE A-S ON DRAINAGE TABLE)

6

INLET COVERS
TYPE A, H, A-S, & H-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

DATE

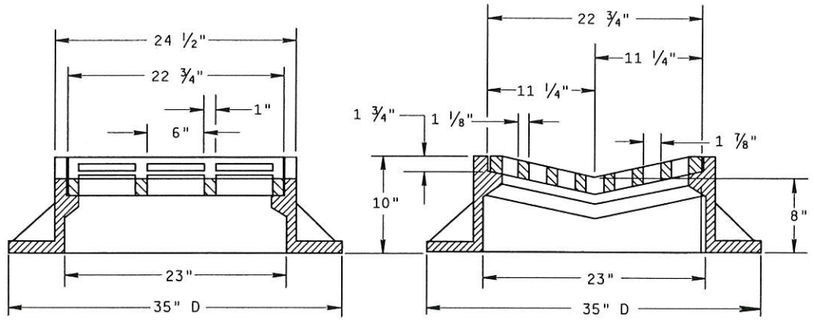
FHWA

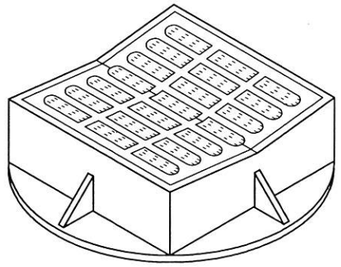
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

FILE NAME : f:\drawings\2002-138\0001\sdd\s8a516a.dgn PLOT DATE : 12/30/03 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft

WISDOT/CADDS SHEET 42

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

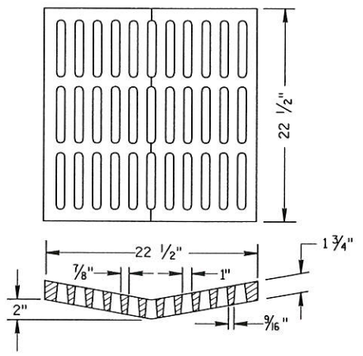




TYPE "B"

(APPROXIMATE WEIGHT 395 LBS.)

FRAME..... 285 LBS.
GRATE..... 110 LBS.

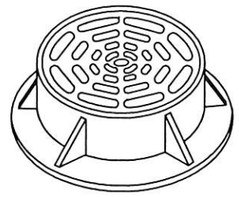


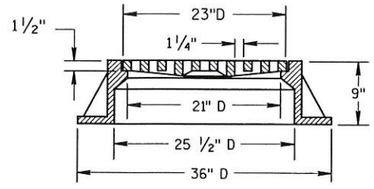
ALTERNATIVE GRATE FOR TYPE "B" COVER

(APPROXIMATE GRATE WEIGHT 125 LBS.)
GRATE.....125 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.

NOTED AS TYPE B-A ON THE DRAINAGE TABLE





TYPE "C"

(APPROXIMATE WEIGHT 340 LBS.)

FRAME..... 235 LBS.
GRATE..... 105 LBS.

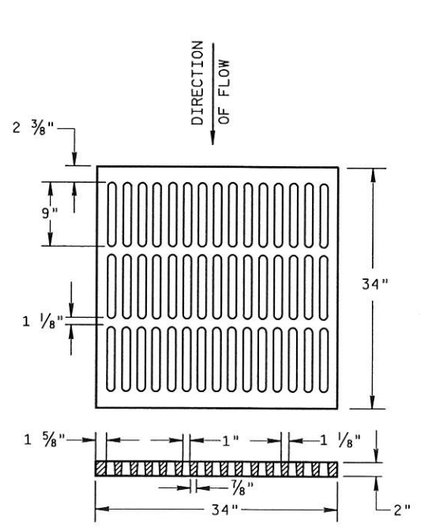
GENERAL NOTES

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.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.

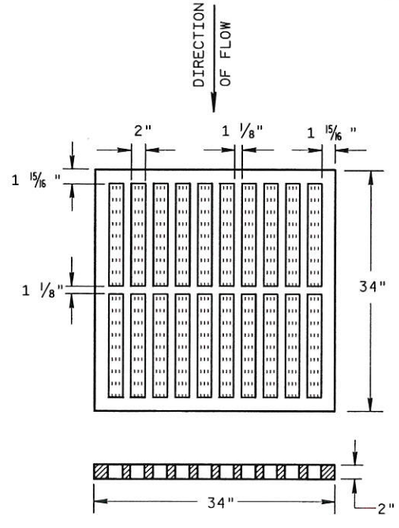


ALTERNATIVE TYPE "MS"

(APPROXIMATE GRATE WEIGHT 365 LBS.)
GRATE.....365 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED

NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



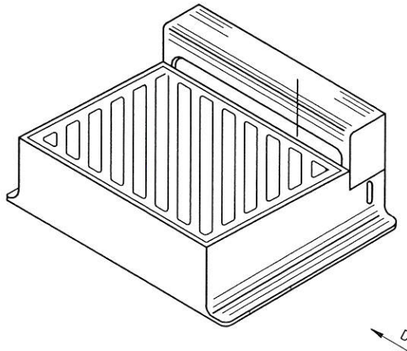
TYPE "MS"

(APPROXIMATE GRATE WEIGHT 270 LBS.)
GRATE.....270 LBS.

USE ON FREEWAYS AND EXPRESSWAYS

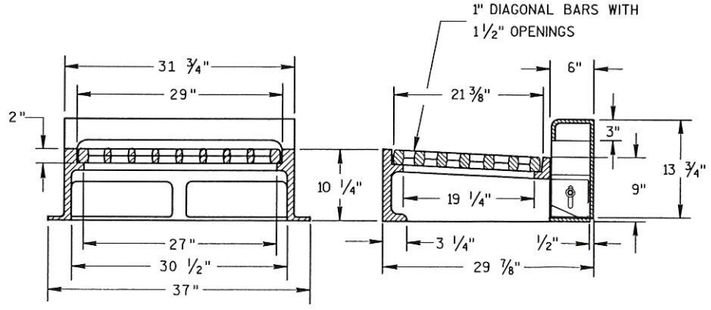
NOTED AS TYPE MS ON DRAINAGE TABLE

6



DIRECTION OF FLOW

DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

(APPROXIMATE WEIGHT 670 LBS.)

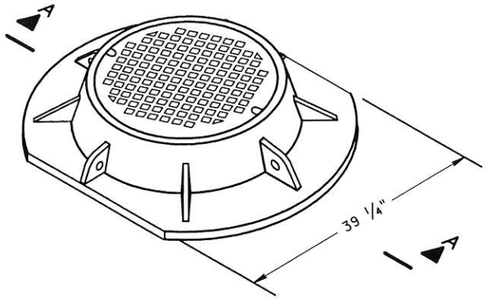
FRAME..... 360 LBS.
GRATE..... 160 LBS.
CURB BOX..... 150 LBS.

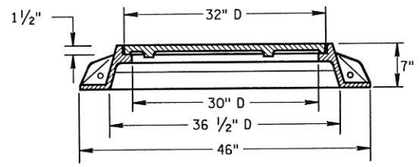
INLET COVERS
TYPE B, B-A, C, MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/4/99
DATE
FHWA

PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E



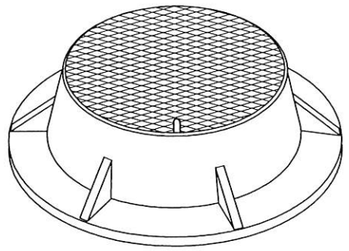


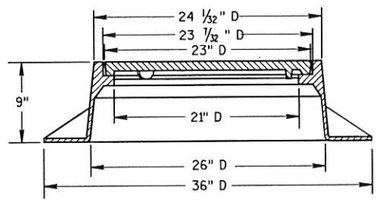
SECTION A-A

TYPE "K"

(APPROXIMATE WEIGHT 415 LBS.)

FRAME.....210 LBS.
LID.....205 LBS.

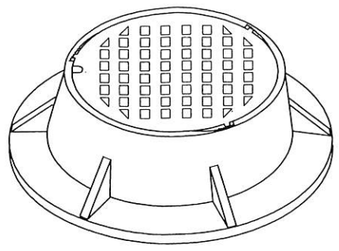


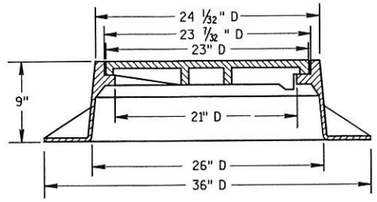


TYPE "J"

(APPROXIMATE WEIGHT 250 LBS.)

FRAME.....135 LBS.
LID.....115 LBS.





TYPE "J" SPECIAL

TYPE "B" NON-ROCKING SELF-SEAL LID

(APPROXIMATE WEIGHT 245 LBS.)

FRAME.....145 LBS.
LID.....100 LBS.

(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

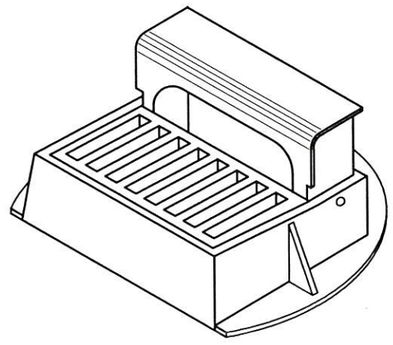
GENERAL NOTES

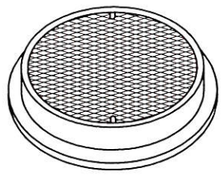
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

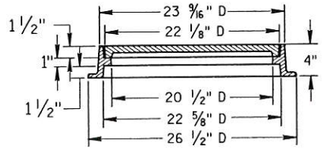
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.



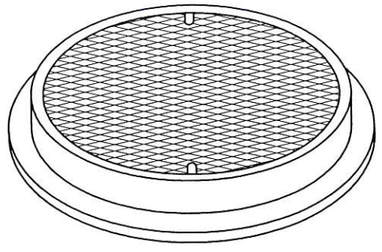


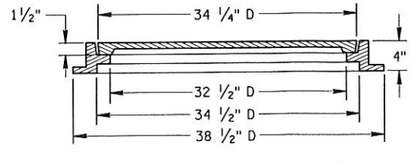


TYPE "L"

(APPROXIMATE WEIGHT 145 LBS.)

FRAME.....75*
LID.....70*

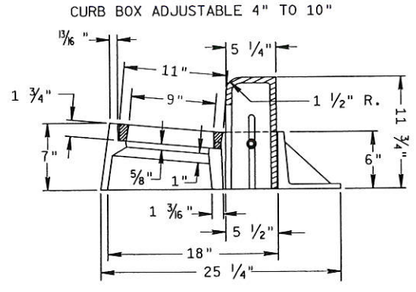


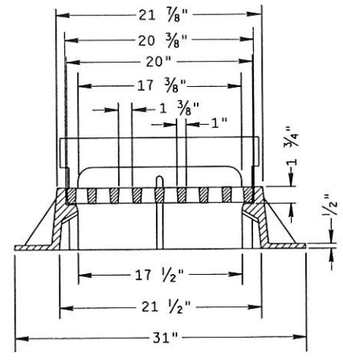


TYPE "M"

(APPROXIMATE WEIGHT 385 LBS.)

FRAME.....125*
LID.....260*





INLET COVER TYPE "Z"

(APPROXIMATE WEIGHT 340 LBS.)

FRAME.....198 LBS.
GRATE.....50 LBS.
CURB BOX.....92 LBS.

INLET COVER, TYPE Z
MANHOLE COVERS, TYPE
K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

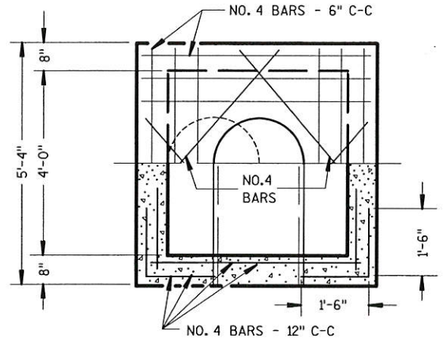
APPROVED
10/4/99
DATE
FHWA

6

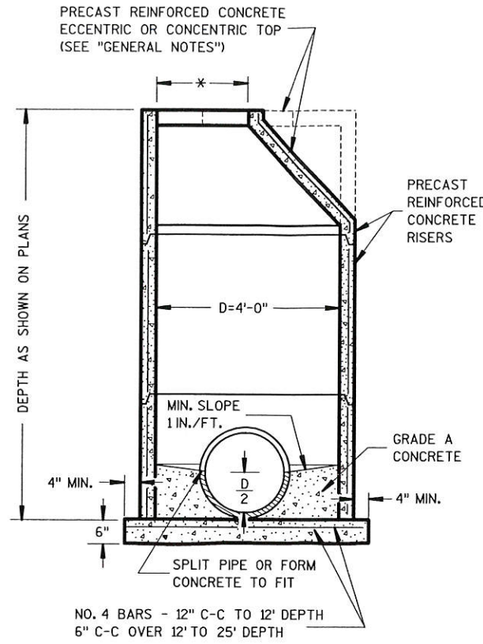
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

FILE NAME : f:\drawings\2002-138\0001\sdd\s8a516d.dgn
PLOT DATE : 12/30/03
PLOT BY : $$...plotuser...$$ PLOT NAME :
PLOT SCALE : 1 in : 100 ft
WISDOT/CADDS SHEET 42

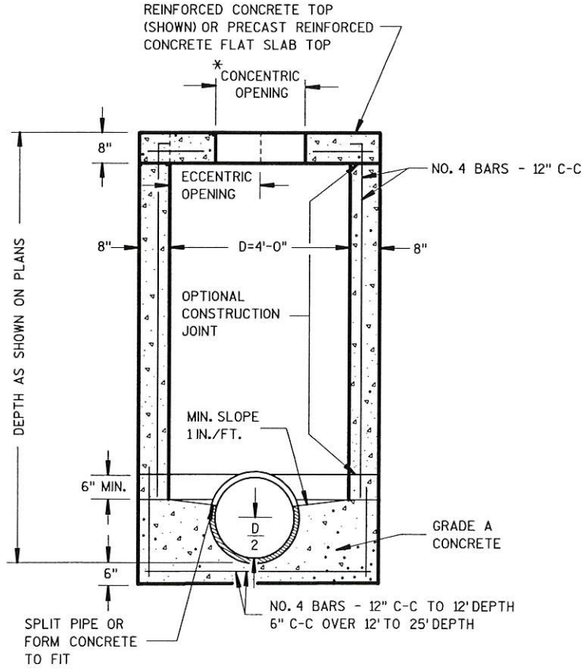
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



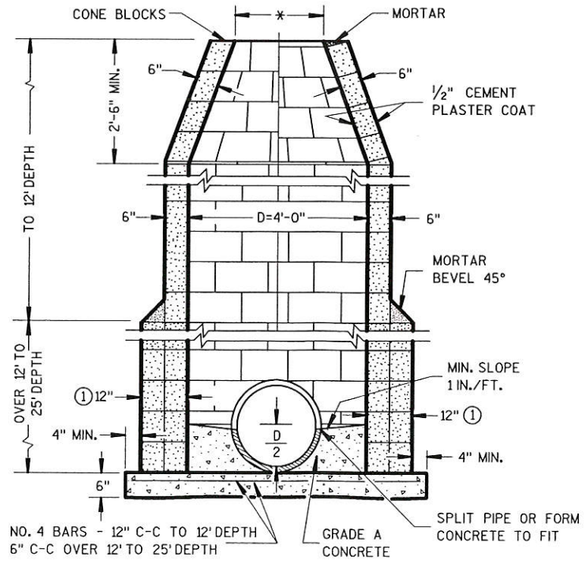
HALF SECTION A-A



PRECAST REINFORCED CONCRETE



SECTION B-B
REINFORCED CONCRETE



CONCRETE BLOCK

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.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 1-C", "CATCH BASINS 1-B", "INLETS 3-H", ETC. THE FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) MAY BE USED ON CONCRETE BLOCK STRUCTURES. THE CONE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES; AND BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

* USE 2'-0" DIAMETER OPENING WITH TYPE "C", "L" AND "J" COVERS, OR 3'-0" DIAMETER WITH TYPE "K" AND "M" COVERS.

(1) 2 COURSES 6" BLOCK.

6

MANHOLES TYPE I

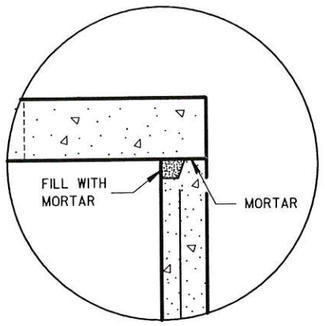
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/13/82
DATE

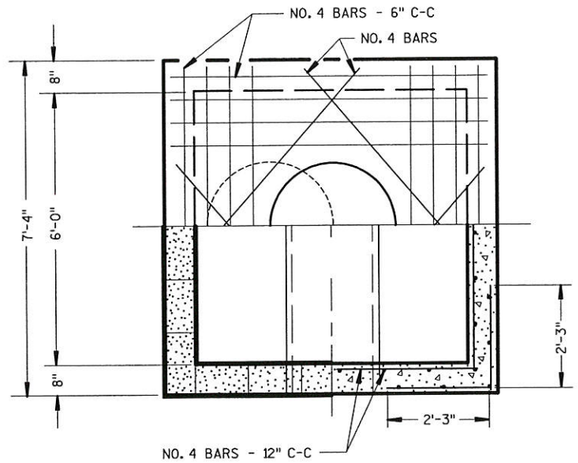
FHWA N/A

MANHOLES TYPE 1

PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0	SHEET NO:	E



DETAIL "A"



HALF SECTION A-A

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.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 1-C", "CATCH BASINS 1-B", "INLETS 3-H", ETC. THE FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES; AND BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

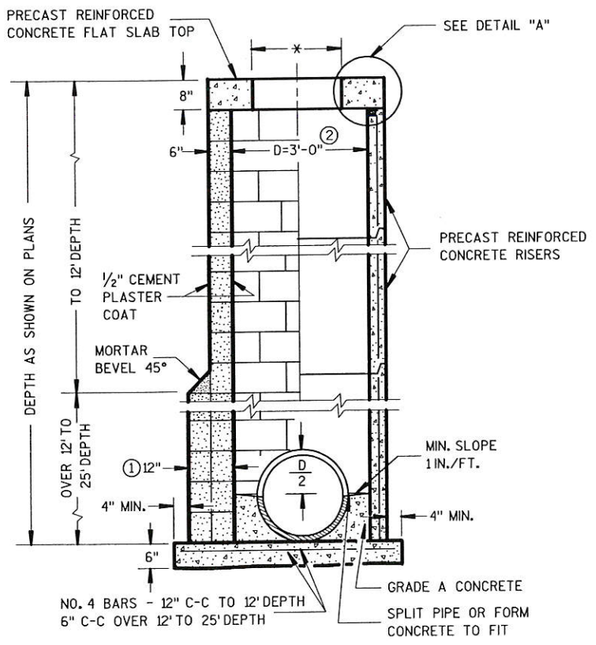
PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

* USE 2'-0" DIAMETER OPENING WITH TYPE "C", "L" AND "J" COVERS, OR 3'-0" DIAMETER WITH TYPE "K" AND "M" COVERS.

(1) 2 COURSES 6" BLOCK.

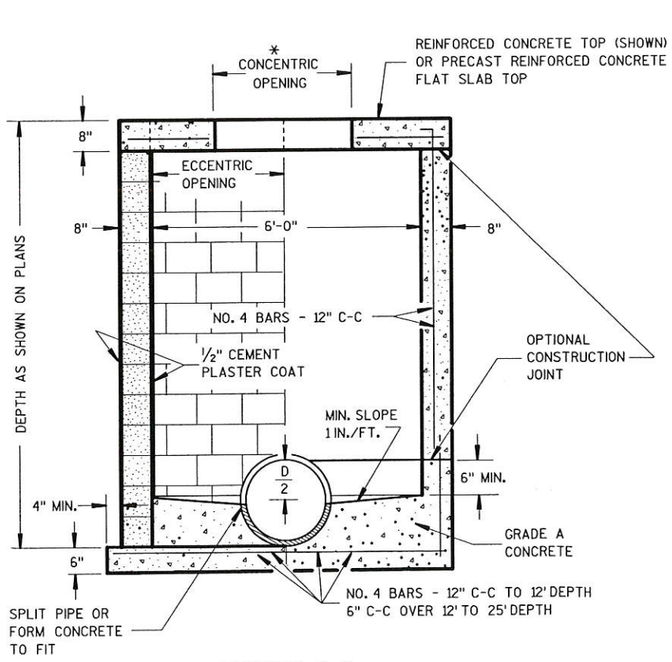
(2) WHEN CONNECTING PIPES ARE 24" OR LARGER THE PRECAST MANHOLES MAY BE INCREASED TO 42" DIAMETER.



(2) PRECAST REINFORCED CONCRETE

CONCRETE BLOCK

MANHOLES TYPE 2

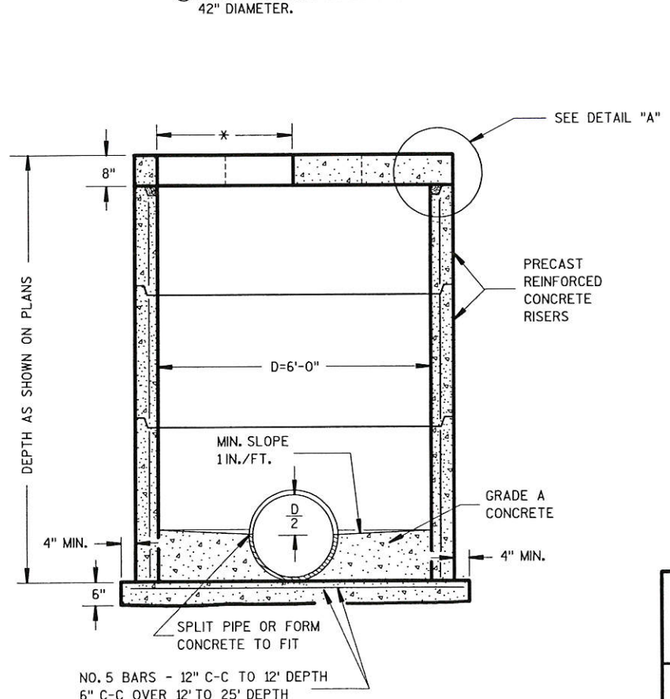


SECTION B-B

CONCRETE BLOCK

REINFORCED CONCRETE

MANHOLES TYPE 3



PRECAST REINFORCED CONCRETE

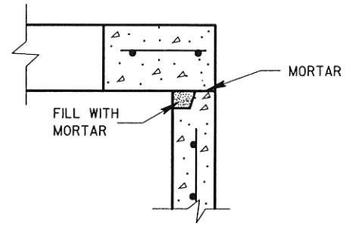
MANHOLES TYPE 2 & 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

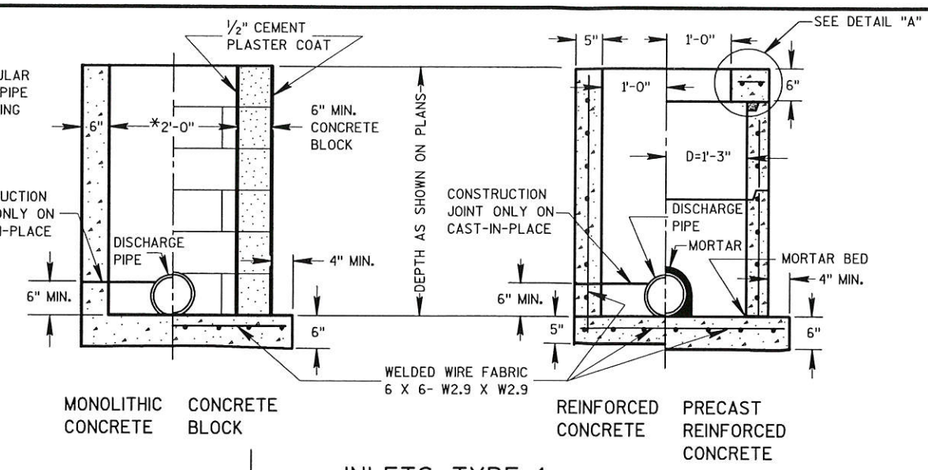
APPROVED
4/13/82
DATE
FHWA

6

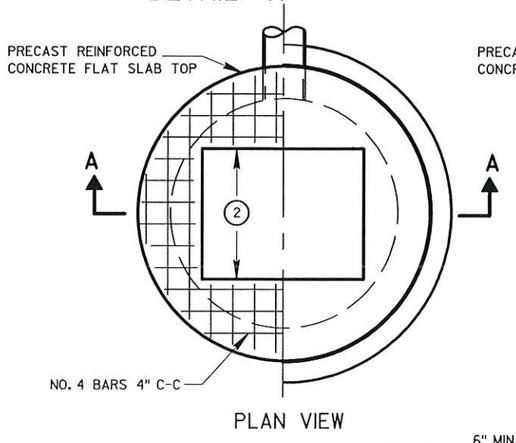
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO: E



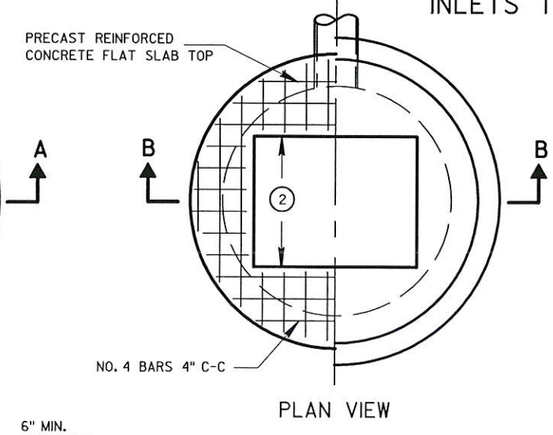
DETAIL "A"



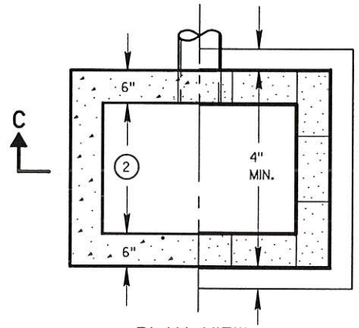
INLETS TYPE 1



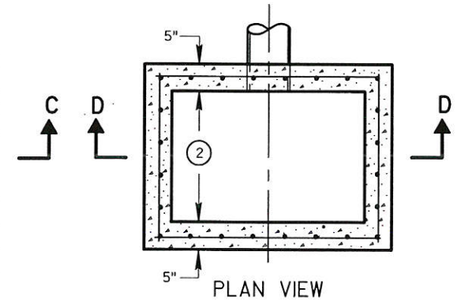
PLAN VIEW



PLAN VIEW



PLAN VIEW



PLAN VIEW

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.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 1-C", "CATCH BASINS 1-B", "INLETS 3-H", ETC. THE FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

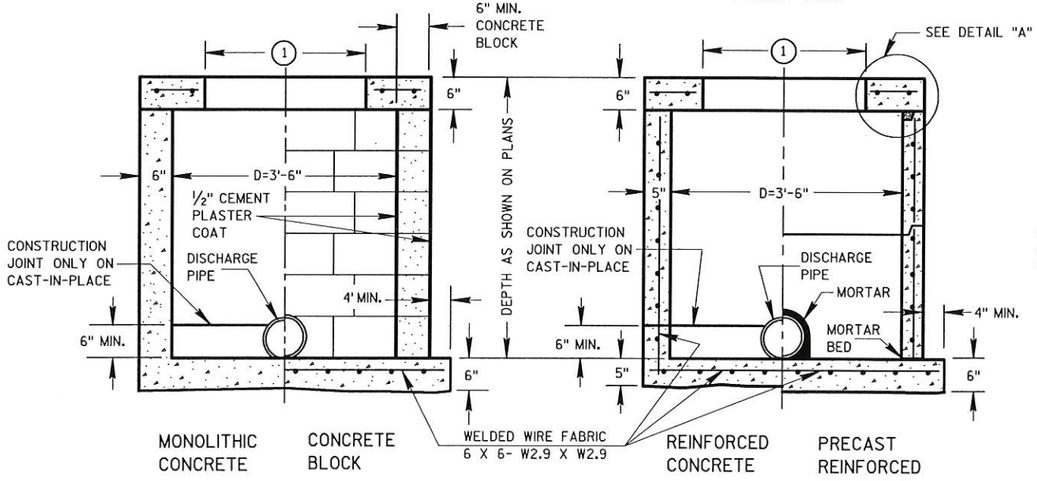
PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED CONCRETE RISERS SHALL BE PLACED WITH TONGUE DOWN.

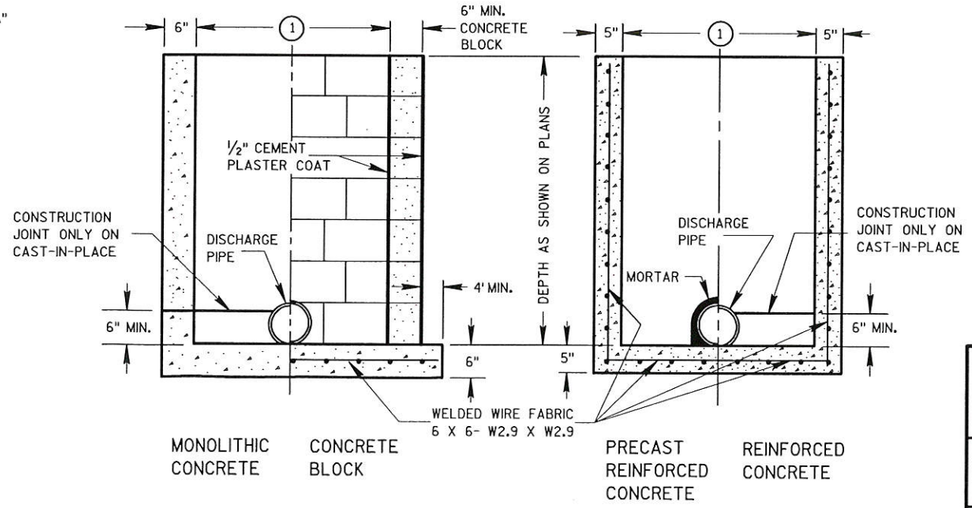
(1) USE 2'-6" OPENING FOR TYPE 2 INLETS, 3'-0" OPENING FOR TYPE 3 INLETS, AND 2'-11" FOR TYPE 4 INLETS.

(2) USE 2'-0" OPENING FOR TYPE 1, 2 & 3 INLETS, 2'-6½" OPENING FOR TYPE 4 INLETS.



SECTION A-A

SECTION B-B



SECTION C-C

SECTION D-D

INLETS TYPE 2, 3 & 4

INLETS TYPE 1, 2, 3 & 4

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/26/94
DATE
FHWA

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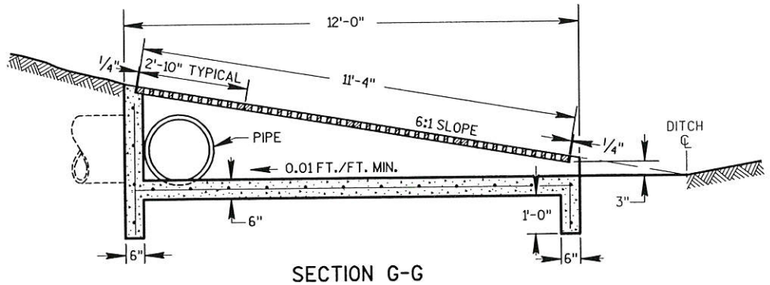
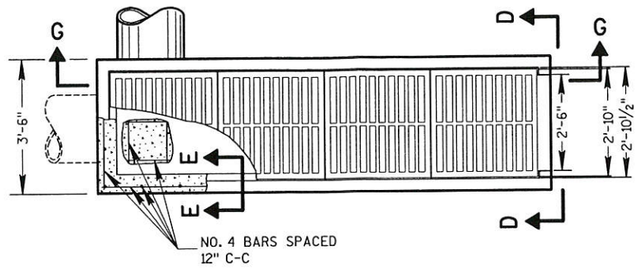
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO: E

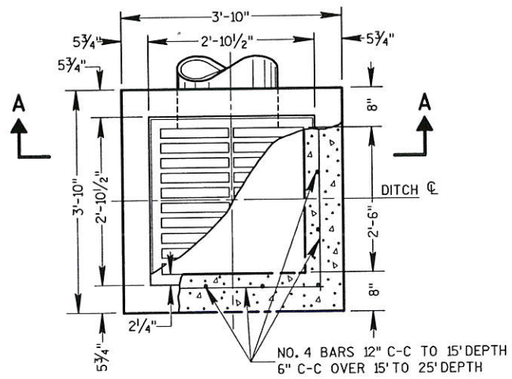


SECTION G-G

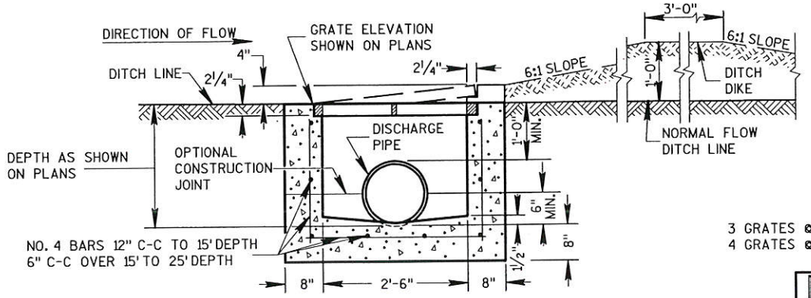


PLAN VIEW

REINFORCED CONCRETE INLET TYPE 11

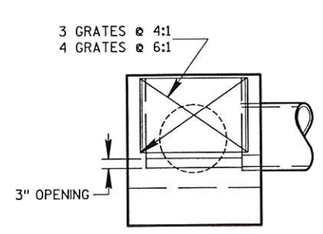


PLAN VIEW



SECTION A-A

REINFORCED CONCRETE INLET TYPE 8



SECTION D-D

GENERAL NOTES

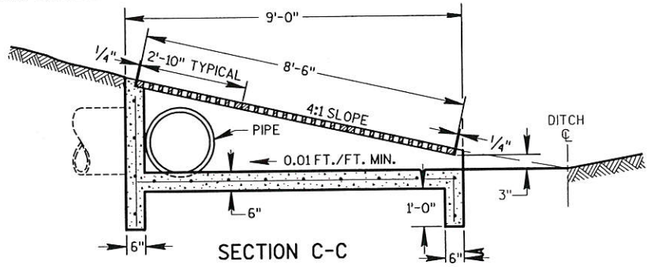
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

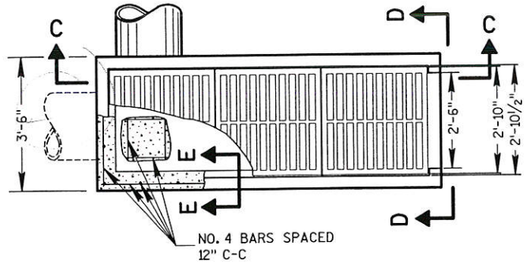
PRECAST REINFORCED CONCRETE INLET UNITS, IF USED, SHALL CONFORM TO THE REQUIREMENTS OF THE CATCH BASINS, MANHOLES AND INLETS SECTION OF THE STANDARD SPECIFICATIONS. UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A CORRECTED LIST OF SIZES IS FURNISHED BY THE ENGINEER.

ALL INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 8-MS", ETC. THIS DESIGNATION IS INTERPRETED TO MEAN THAT THE NUMBER, OR FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER OR IRON CASTING TO BE USED THEREWITH TO COMPRISE THE COMPLETE UNIT.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

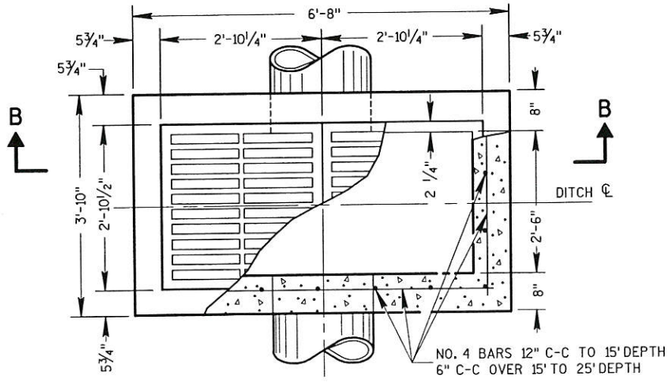


SECTION C-C

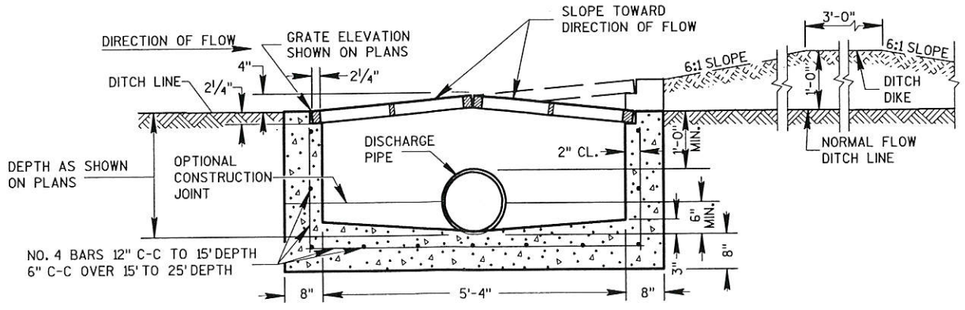


PLAN VIEW

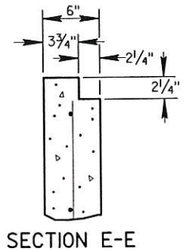
REINFORCED CONCRETE INLET TYPE 10



PLAN VIEW



SECTION B-B



SECTION E-E

REINFORCED CONCRETE INLET TYPE 9

INLETS TYPE 8, 9, 10 AND 11

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

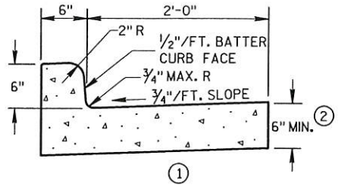
APPROVED
8/10/94
DATE
FHWA

6

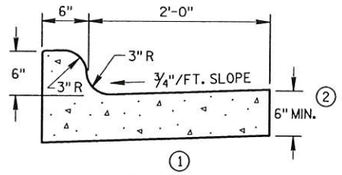
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO: E

FILE NAME : f:\drawings\2002-138\0001\sdd\s8c502.dgn
PLOT DATE : 12/30/03 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft
WISDOT/CADDS SHEET 42

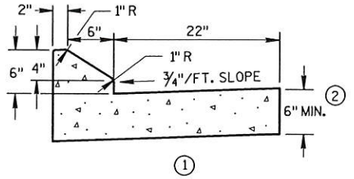
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



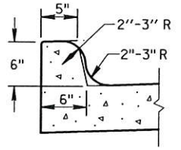
1
TYPES A & D



1
TYPES K & L

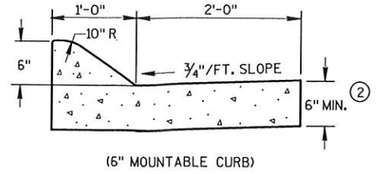


1
TYPES G & J

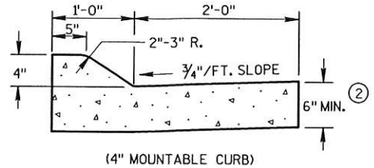


OPTIONAL CURB SHAPE
1
FOR TYPES K & L

CONCRETE CURB & GUTTER 30"



(6" MOUNTABLE CURB)



(4" MOUNTABLE CURB)

1
TYPES A & D

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

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

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

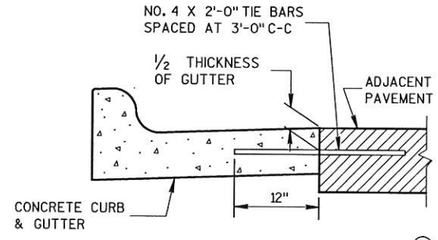
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

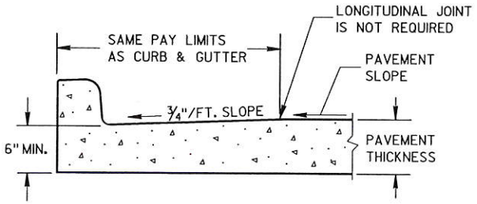
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G AND K.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

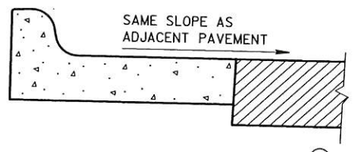
(3) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



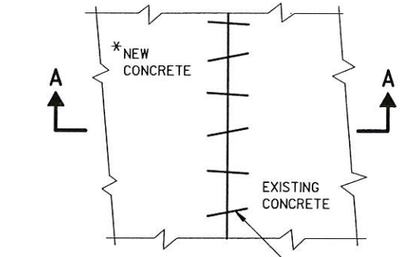
1
TYPICAL TIE BAR LOCATION



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER

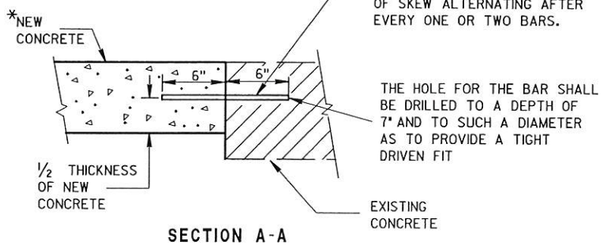


3
REVERSE SLOPE GUTTER
(TYPICAL FOR ALL CURB & GUTTER TYPES)



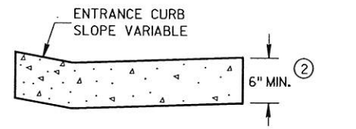
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

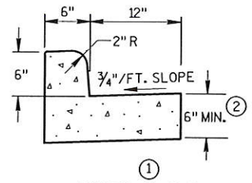


SECTION A-A

PAVEMENT TIES

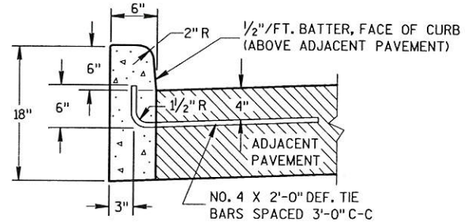


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

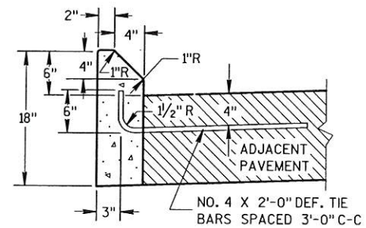


1
TYPES A & D

CONCRETE CURB & GUTTER 18"



1
TYPES A & D



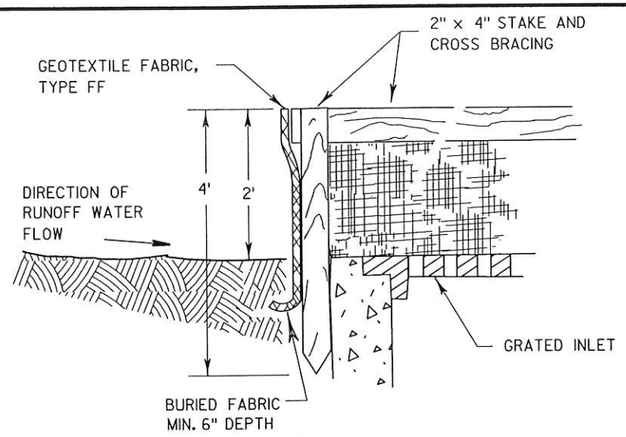
1
TYPES G & J

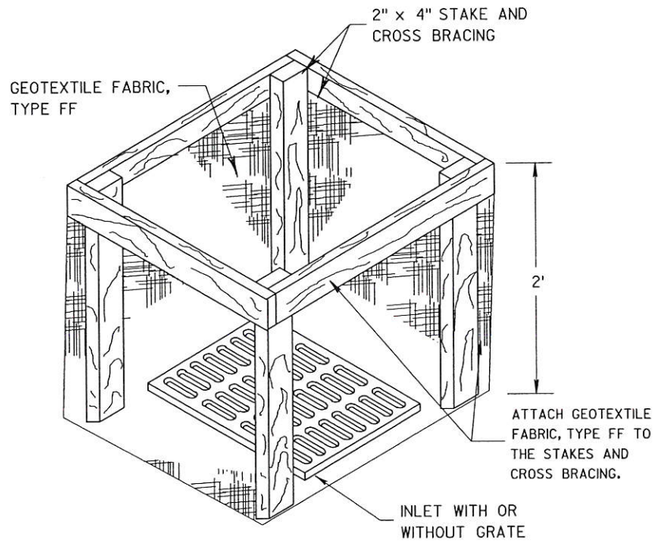
CONCRETE CURB

CONCRETE CURB, CONCRETE CURB & GUTTER AND PAVEMENT TIES	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED ____ DATE ____ FHWA	

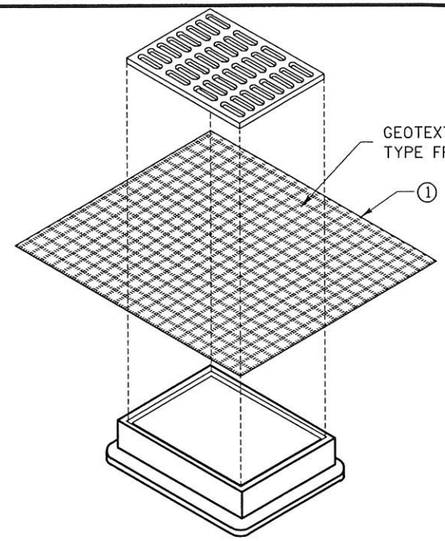
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO: E

6



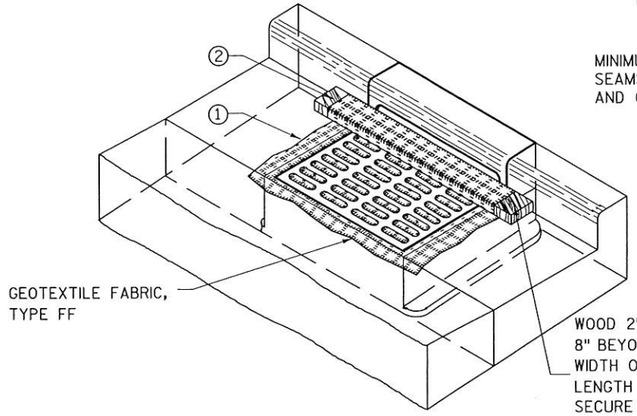


INLET PROTECTION, TYPE A

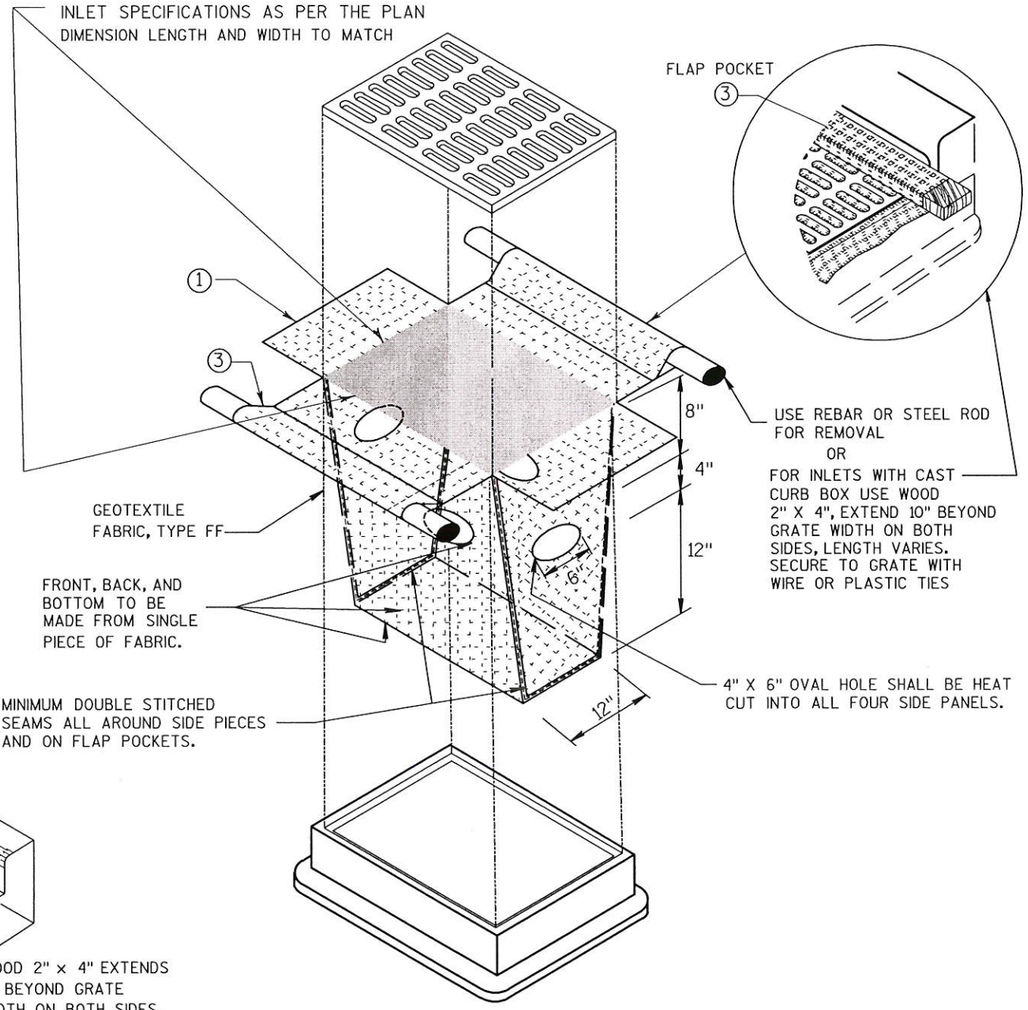


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

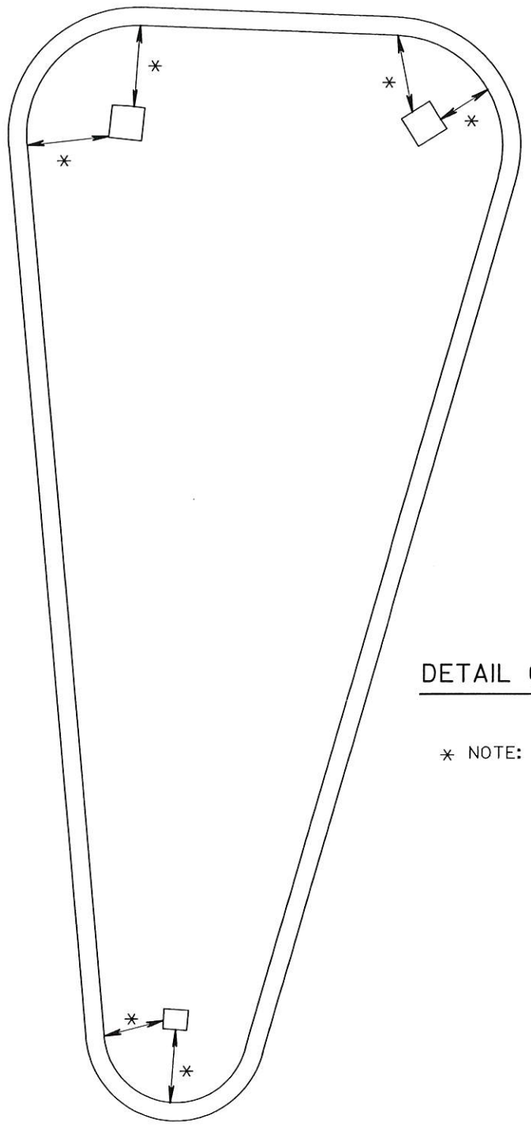
INLET PROTECTION
TYPE A, B, C, AND D

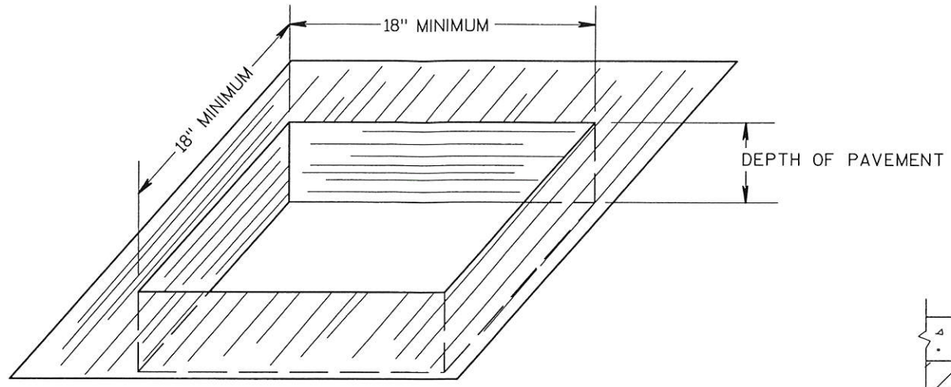
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
FHWA

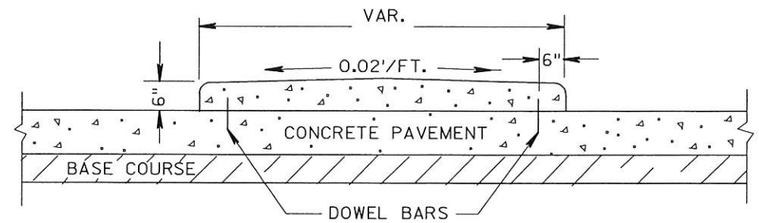
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

6





NOTE: ISLAND DOWELLED TO CONCRETE BASE WITH NO. 5 X 10" EPOXY COATED REINF. BARS 6" INTO BASE & 24" C-C



CONCRETE SAFETY ISLAND

DETAIL OF OPENINGS IN ISLAND FOR SIGN PLACEMENT

* NOTE: ALL SQUARED OPENINGS IN ISLAND FOR SIGN PLACEMENTS SHALL SHALL BE DETERMINED BY SIGN SIZE AND NUMBER. A 2' MINIMUM FROM BACK OF CURB IS REQUIRED.

6

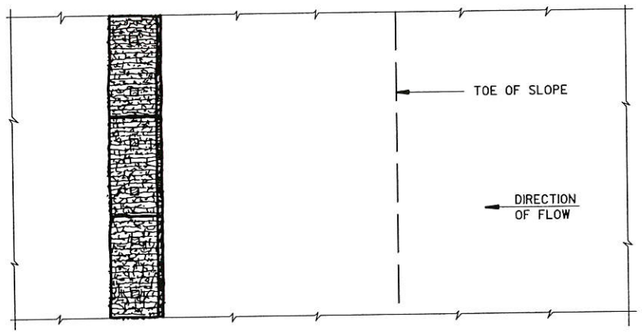
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

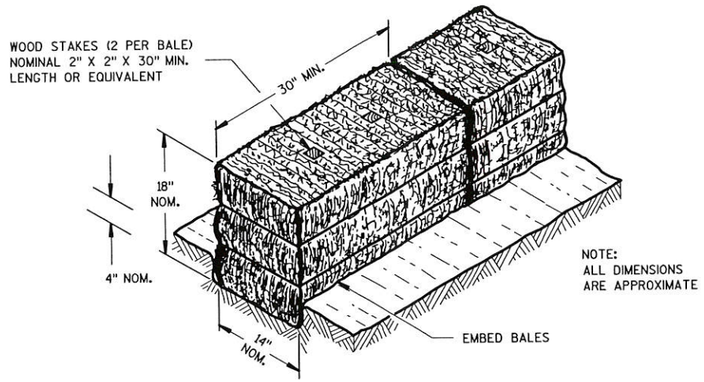
FILE NAME : f:\drawings\2002-138\0001\sdd\safety_island.dgn PLOT DATE : 12/30/03 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft

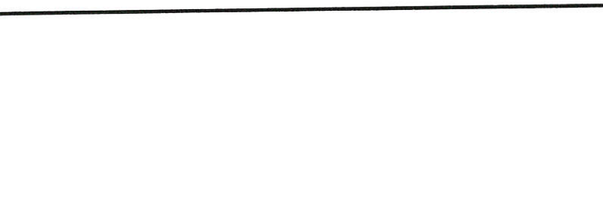
GENERAL NOTES

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.



PLAN VIEW

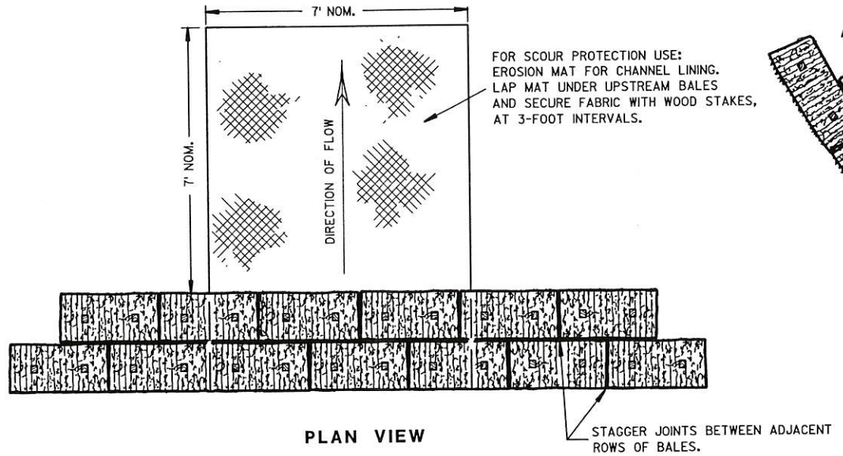




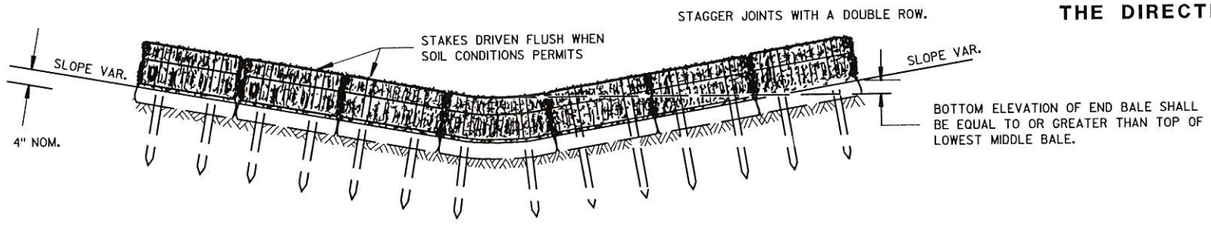
FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

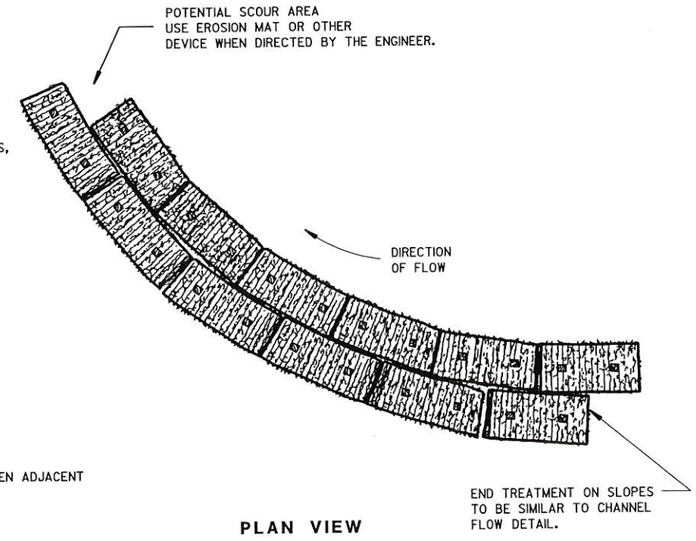


PLAN VIEW



FRONT ELEVATION

EROSION BALES FOR CHANNEL FLOW



PLAN VIEW

EROSION BALES WHEN ALTERING THE DIRECTION OF FLOW

6

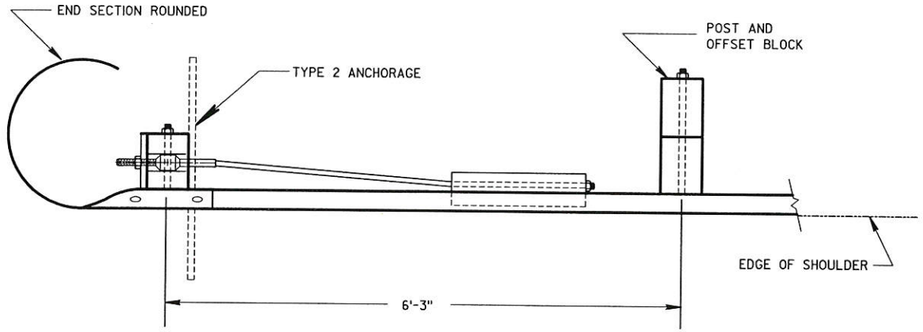
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO: E

PLOT DATE : 12/30/03 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft

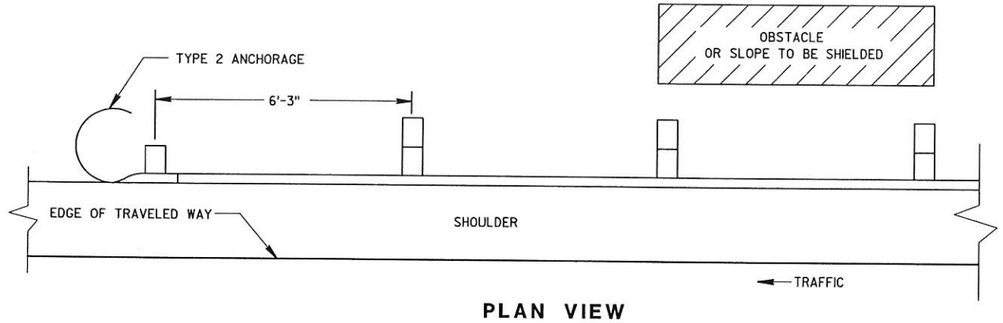
FILE NAME : f:\drawings\2002-138\0001\sdd\s8e802.dgn

WISDOT/CADDS SHEET 42

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

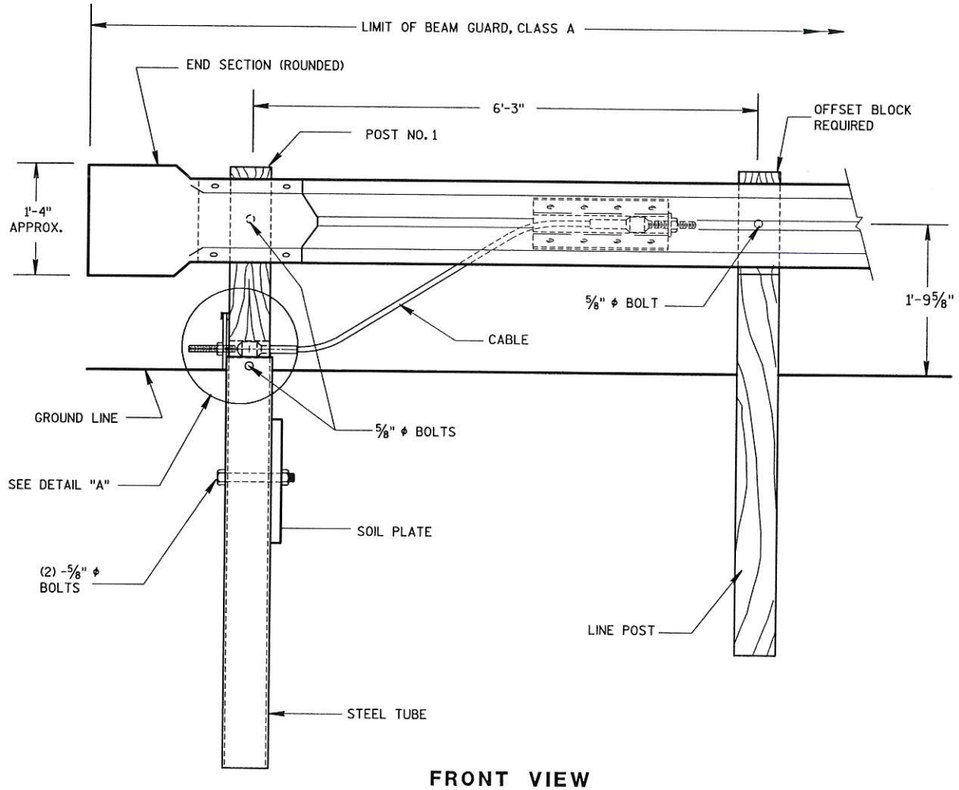


PLAN VIEW



PLAN VIEW

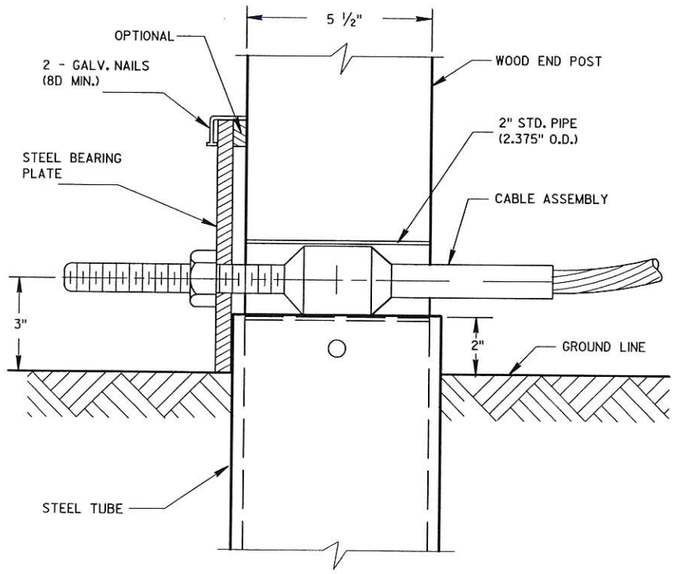
BEAM GUARD WITH TYPE 2 ANCHORAGE EXIT END - ONE WAY TRAFFIC



FRONT VIEW

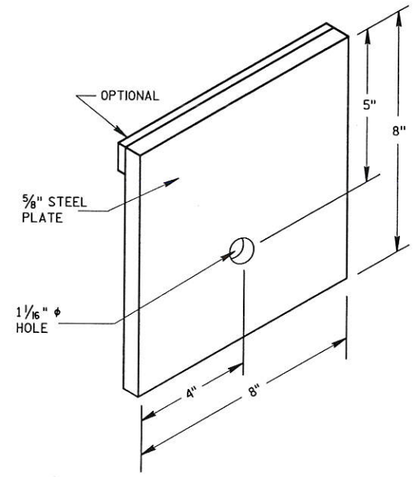
END TREATMENT WITH TYPE 2 ANCHORAGE

(USE ON ONE-WAY ROADWAYS ONLY - DEPARTING END)



DETAIL "A"

POST NO. 1



STEEL BEARING PLATE

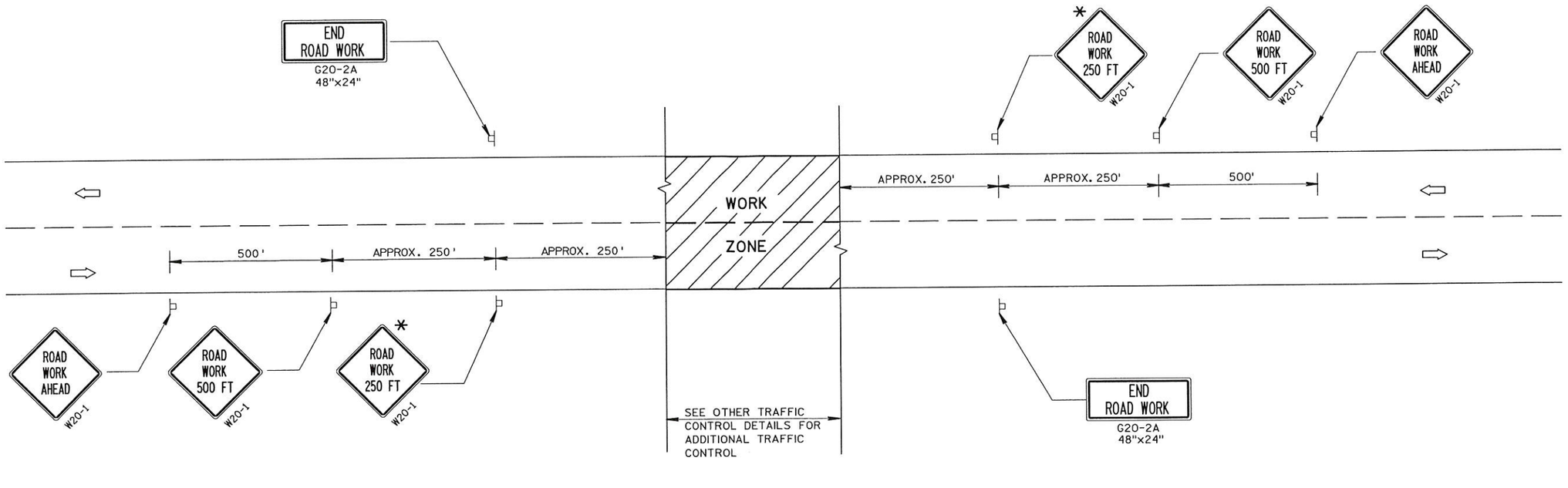
PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E

FILE NAME : F:\Drawings\2002-138\0001\SDD\s14b163a.dgn

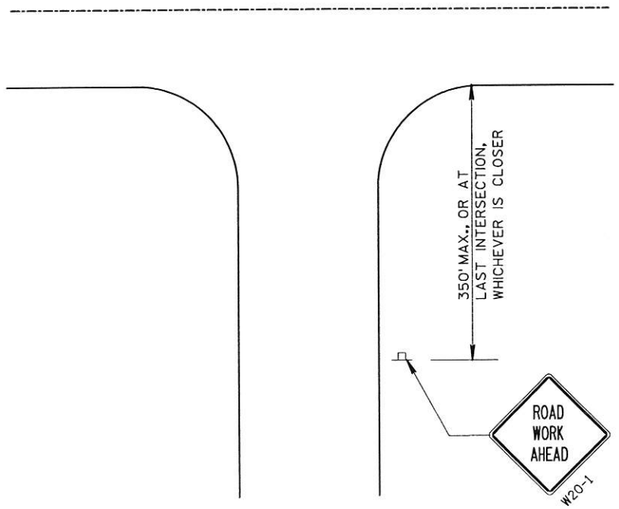
PLOT DATE : 03/12/04 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1 in : 100 ft

WISDOT/CADDS SHEET 42

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



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS, IF APPROVED BY DISTRICT TRAFFIC UNIT.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

LEGEND

- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

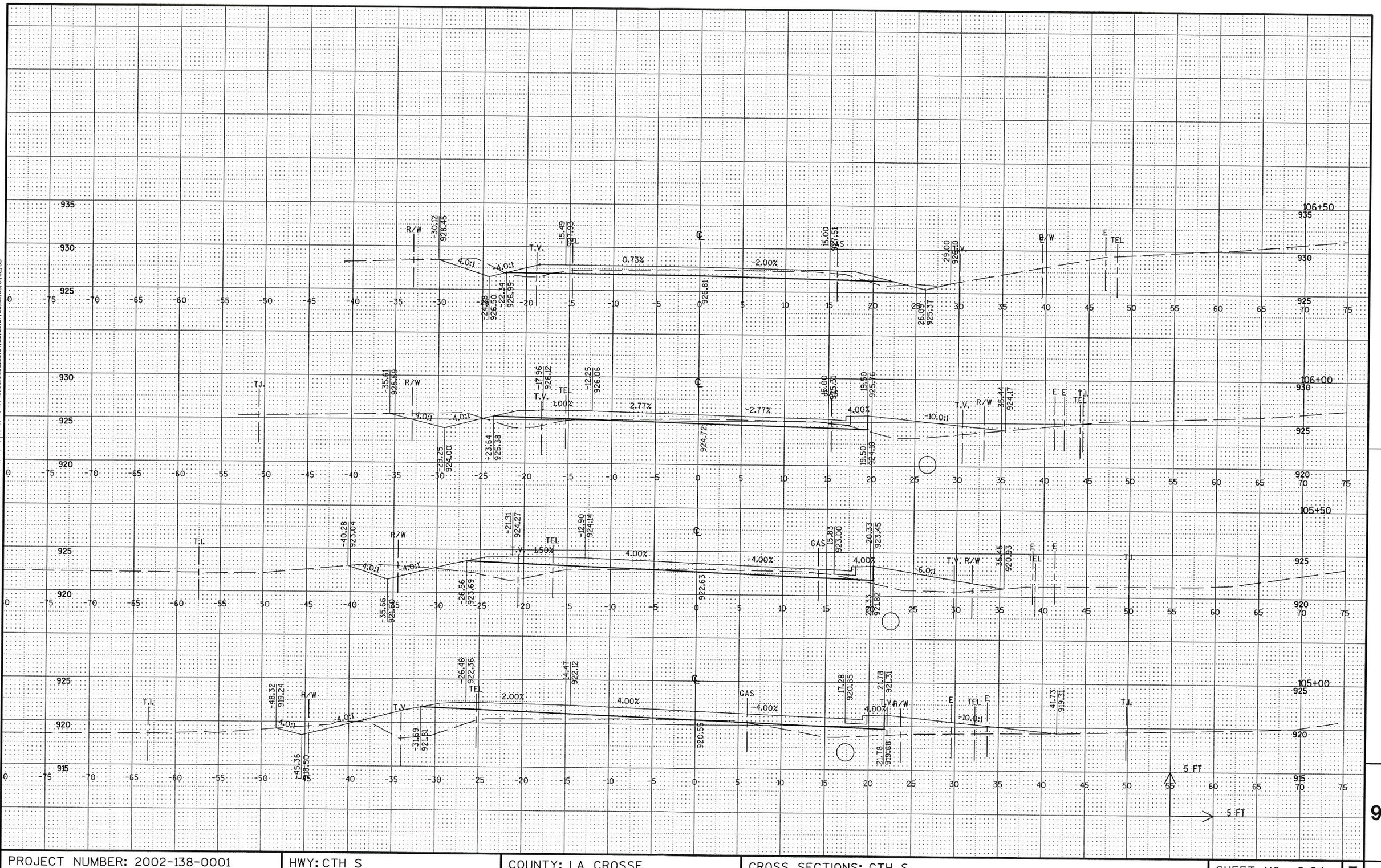
TRAFFIC CONTROL,
ADVANCE WARNING SIGNS
40 M.P.H. OR LESS
TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/23/00
DATE
FHWA

6

PROJECT NO: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	STANDARD DETAILS	SCALE, FEET 0 N/A	SHEET NO:	E



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

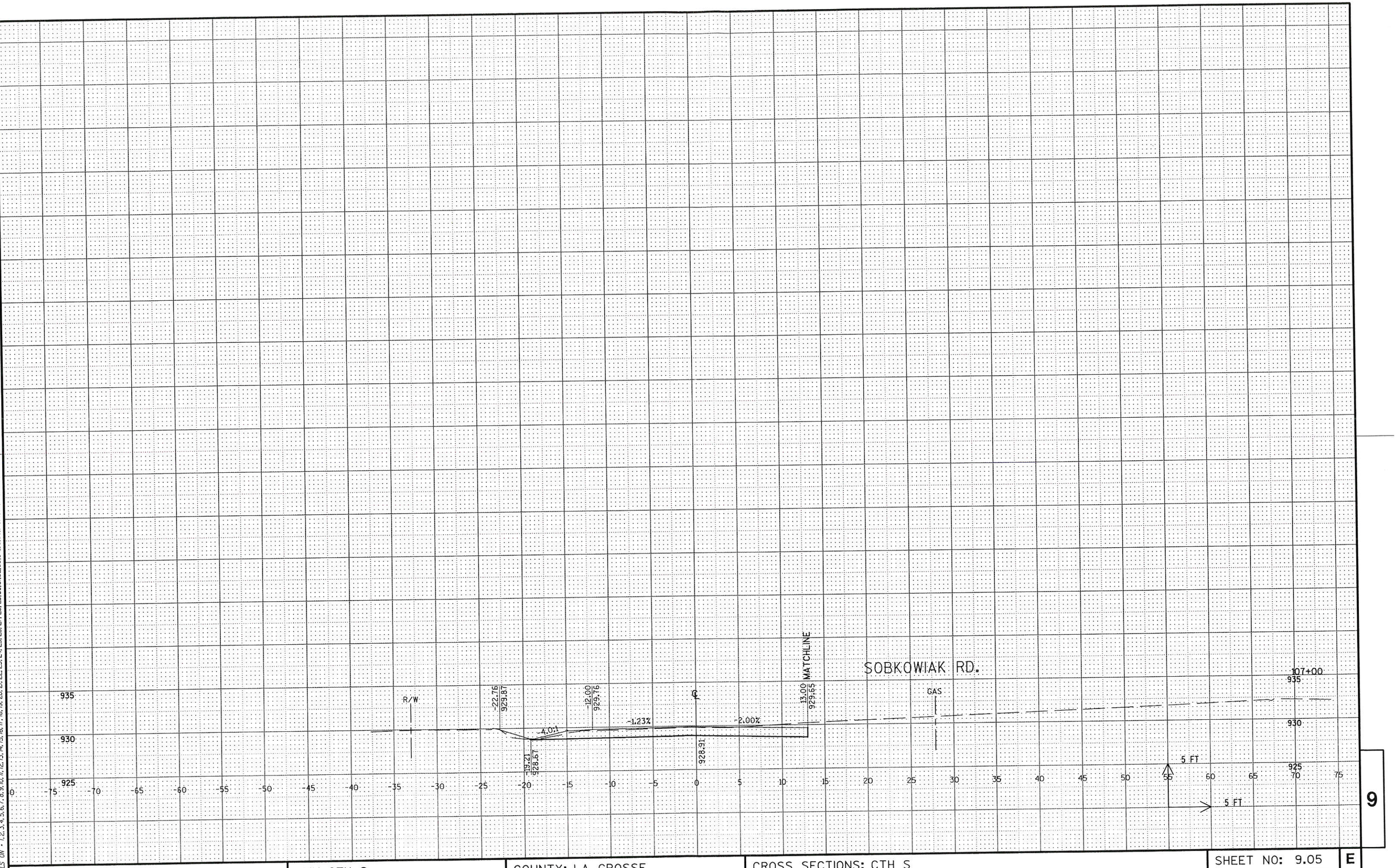
PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	CROSS SECTIONS: CTH S	SHEET NO: 9.04	E

FILE NAME : f:\drawings\2002-138\0001\9104.dgn | PLOT DATE : 03/12/04 | PLOT BY : eprice | PLOT NAME : | ORG DATE : | Originator : Dist | PLOT SCALE : 1 in : 10 ft

WISDOT/CADDS SHEET 21

9

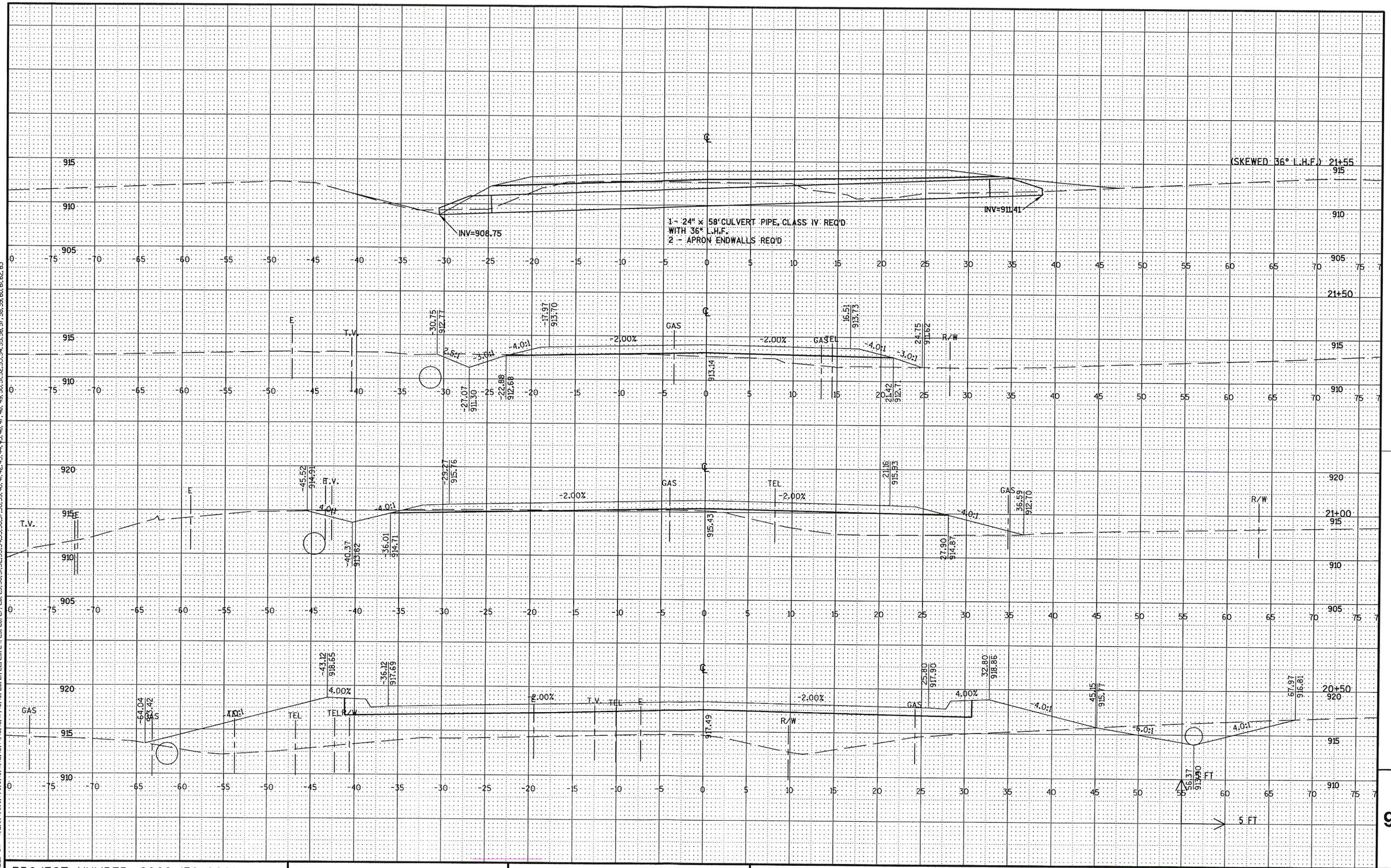
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



9

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	CROSS SECTIONS: CTH S	SHEET NO: 9.05	E

FILE NAME : f:\drawings\2002-138\0001\9105.dgn | PLOT DATE : 03/12/04 | PLOT BY : eprice | PLOT NAME : | ORG DATE : | Originator : Dist | PLOT SCALE : 1 in : 10 ft | WISDOT/CADDS SHEET 21



PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	CROSS SECTIONS: HAUSER RD.	SHEET NO: 9.06	E

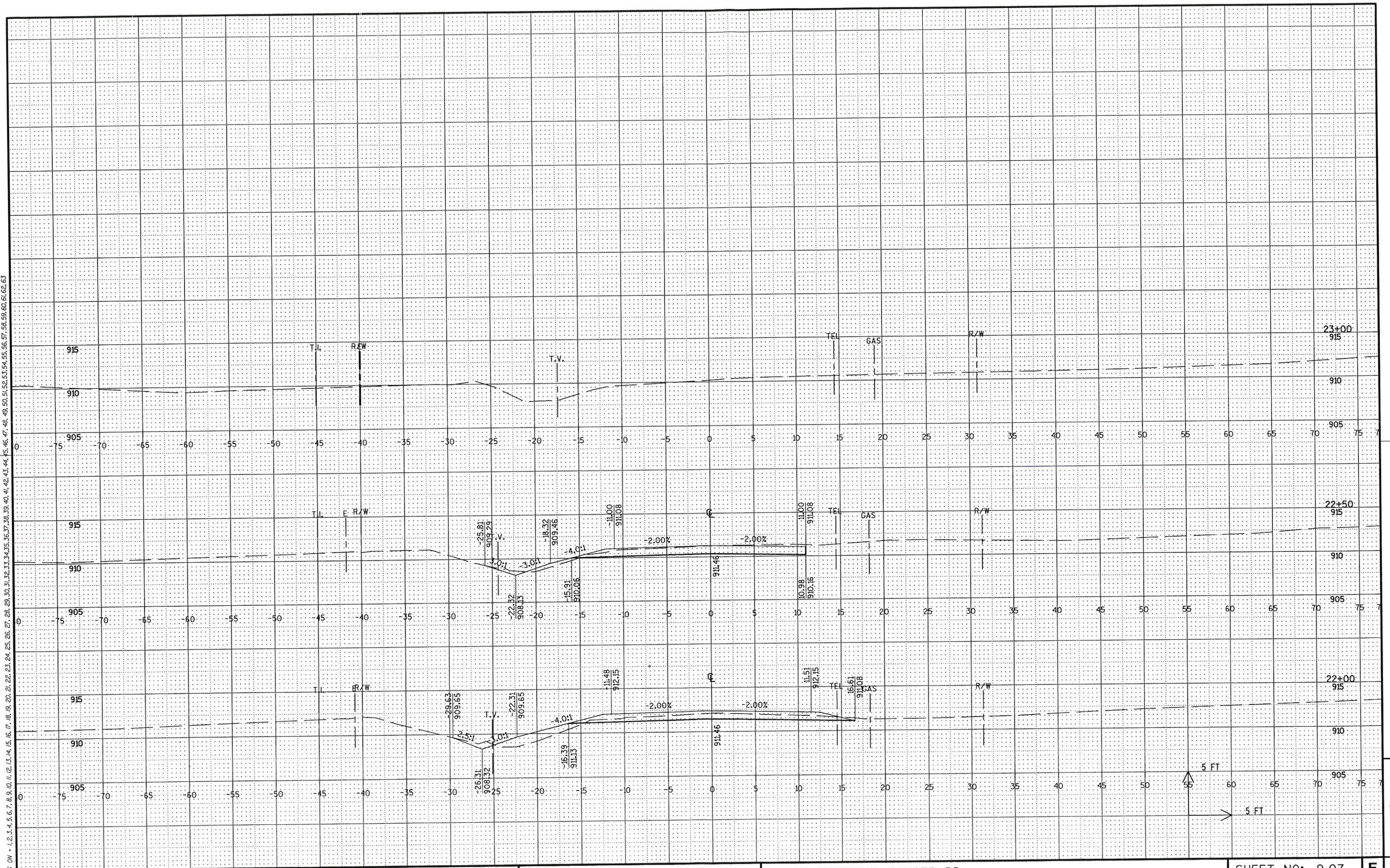
FILE NAME : F:\Drawings\2002-138\0001\9106.dgn PLOT DATE : 03/12/04 PLOT BY : eprice PLOT NAME : ORG DATE : Originator : Dist PLOT SCALE : 1 in : 10 ft

WISDOT/CADDS SHEET 21

9

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

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



9

PROJECT NUMBER: 2002-138-0001	HWY: CTH S	COUNTY: LA CROSSE	CROSS SECTIONS: HAUSER RD.	SHEET NO: 9.07	E

FILE NAME : f:\drawings\2002-138\0001\9107.dgn | PLOT DATE : 03/12/04 | PLOT BY : eprice | PLOT NAME : | ORG DATE : | Originator : Dist | PLOT SCALE : 1 in : 10 ft

WISDOT/CADDS SHEET 21

"33'

2531

3261

1461

1818 - 5 lar

PLAN NO. 406

Bridges

Cass St 2736

Wichert 758

3494

PLAN NO. 406