

Candys Copy

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT

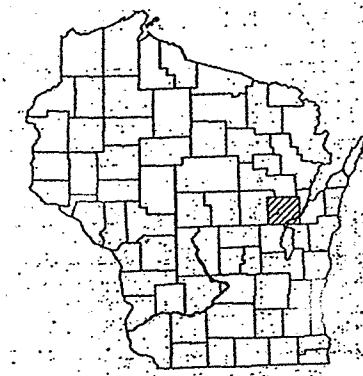
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
S.T.H. 76 - C.T.H. A
(C.T.H. S AND KELLY ROAD INTERSECTION)
C.T.H. S
OUTAGAMIE COUNTY

RECEIVED
APR 15 2002

INDEX OF SHEETS

Sheet No. 1	Title
Sheet No.	Typical Sections and Details
Sheet No.	Estimate of Quantities
Sheet No.	Miscellaneous Quantities
Sheet No.	Right of Way Plot
Sheet No.	Plan and Profile (Includes Erosion Control Plan)
Sheet No.	Standard Detail Drawings
Sheet No.	Sign Plates
Sheet No.	Structure Plans
Sheet No.	Computer, Earthwork Data
Sheet No.	Cross Sections

TOTAL SHEETS =



BEGIN PROJECT
STA. 15+00.00
X = 2,376,900 (± 100')
Y = 205,700 (± 100')

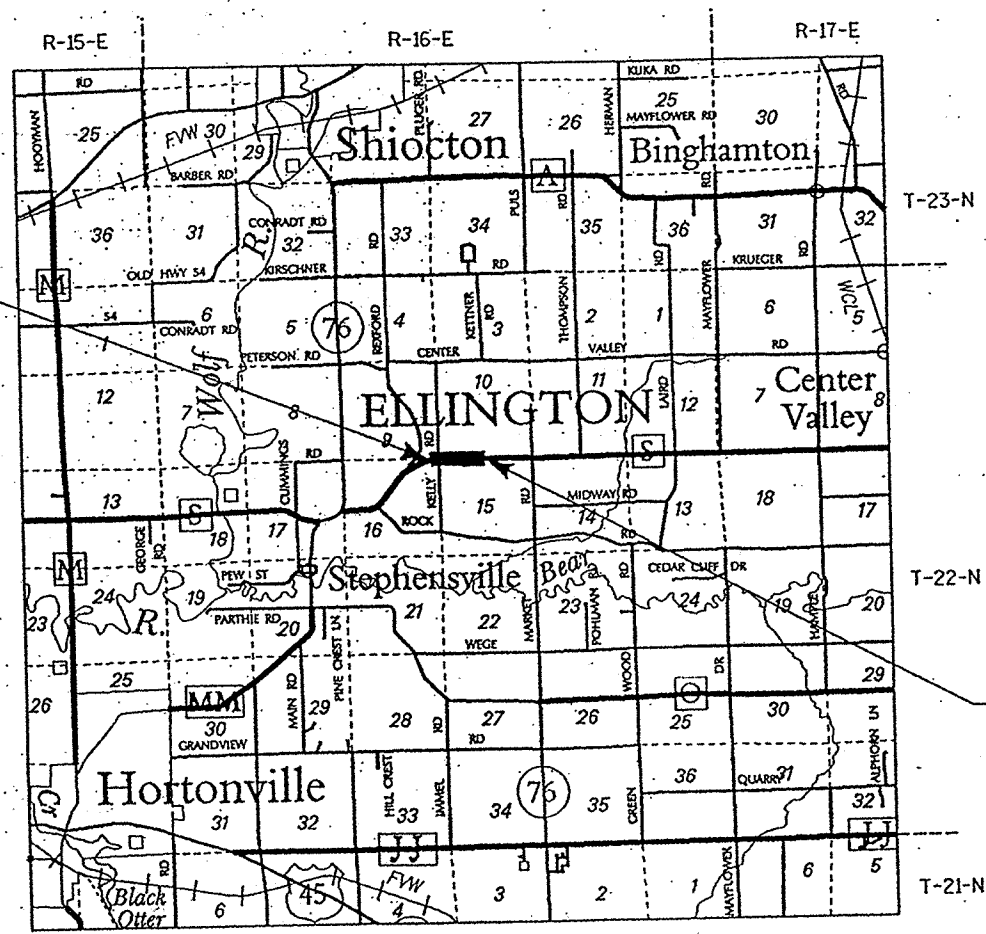
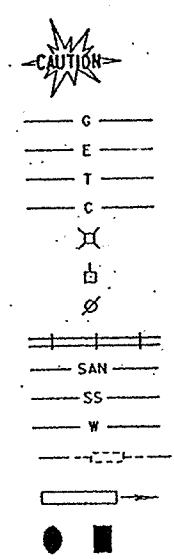
DESIGN DESIGNATION

A.D.T. (2002)	=	13,137
A.D.T. (2022)	=	18,035
D.H.V. (2022)	=	1,803
D.	=	50
T.	=	8%
DESIGN SPEED	=	40 M.P.H.
ESALS	=	3,015,000

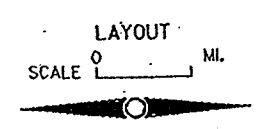
CONVENTIONAL SYMBOLS

- COUNTY LINE
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SURVEY LINE
- SLOPE, INTERCEPT
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such)
- MARSH AREA
- WOODED OR SHRUB AREA

- COMBUSTIBLE FLUIDS
- UNDERGROUND UTILITIES
- GAS
- ELECTRIC
- TELEPHONE OR TELEGRAPH
- COMMUNICATIONS LINE
- SERVICE PEDESTAL
- POWER POLE
- TELEPHONE POLE
- RAILROAD
- SANITARY SEWER
- STORM SEWER
- WATER
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- CULVERT (Profile View)



END PROJECT
STA. 38+50.00



TOTAL NET LENGTH OF CENTERLINE = 0.445 MI. (RURAL)

5-32

ALL COORDINATES SHOWN ON THIS PLAN ARE
SCALED FROM U.S.G.S. TOPOGRAPHIC MAP,
SHIOCTON, 7.5 MINUTE QUADRANGLE,
CENTRAL ZONE, FOR IDENTIFICATION ONLY.

APPROVED
FOR
OUTAGAMIE COUNTY

DATE _____ COUNTY HIGHWAY COMMISSIONER

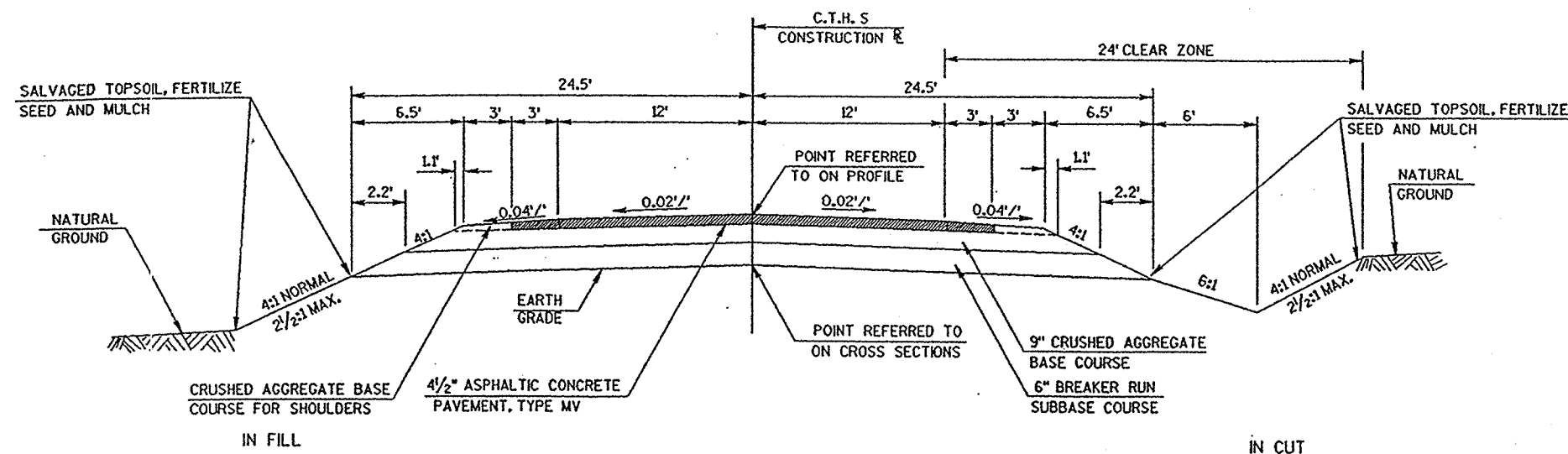
ORIGINAL PLANS PREPARED BY
AVRES ASSOCIATES Engineers/Scientists
Surveyors
96 Wilford Dr., Suite #200
Green Bay, Wisconsin 54304

WISCONSIN
★ **RONALD J. HERNKE** ★
E-08920
GREEN BAY, WIS.
PROFESSIONAL ENGINEER

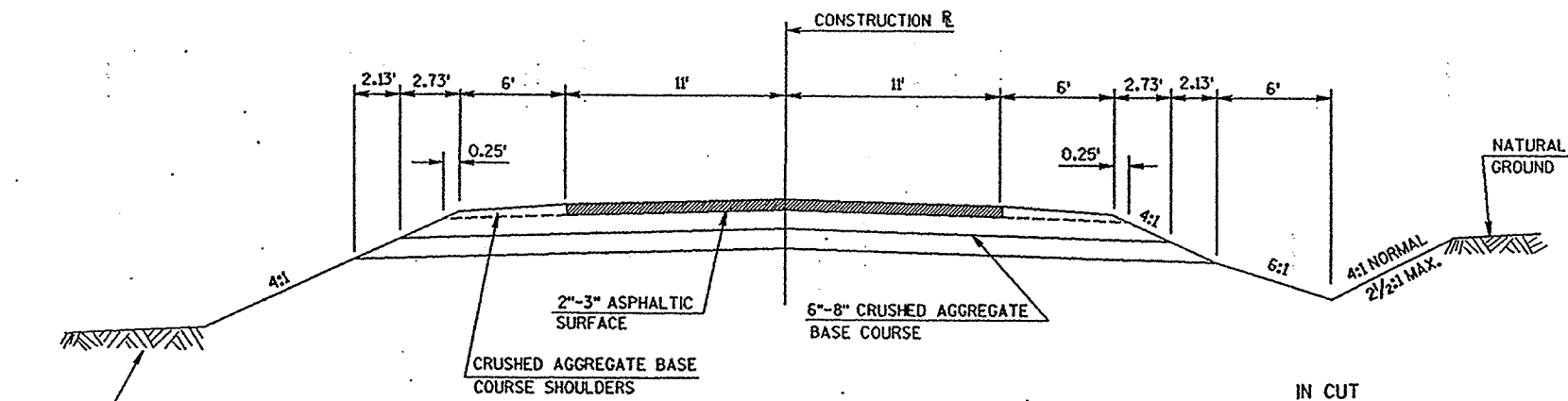
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DATE REVISION: 1/23/02
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DESIGNER: J. D. J. (1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63)



TYPICAL FINISHED CROSS SECTION FOR C.T.H.S
STA. 15+00 TO STA. 31+75



EXISTING TYPICAL CROSS SECTION FOR C.T.H.S

UTILITIES

WISCONSIN ELECTRIC POWER COMPANY
800 S. LYNDALE
APPLETON, WISCONSIN 54914
ATTENTION: KEN SCHOENIKE
TELEPHONE 1-920-380-3359

AMERITECH
221 WEST WASHINGTON ST.
4th FLOOR OSPE
APPLETON, WISCONSIN 54911
ATTENTION: JOE FEMLING
TELEPHONE 1-920-735-3250

TIME WARNER
1001 KENNEDY AVE.
KIMBERLY, WISCONSIN 54136
ATTENTION: STEVE POEHLIN
TELEPHONE 1-920-831-9207

DIGGERS HOTLINE

Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

D.N.R. AREA LIAISON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
P.O. BOX 100448
1125 N. MILITARY AVENUE
GREEN BAY, WISCONSIN 54307-0448
ATTENTION: SHELLY SCHAEZT
TELEPHONE 1-920-492-5809

GENERAL NOTES

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

THE EXACT LOCATION, LENGTHS, AND WIDTHS OF PRIVATE ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

WHEN THE QUANTITY OF CRUSHED AGGREGATE BASE COURSE AND BREAKER RUN SUBBASE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS AS SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL

AS DIRECTED BY THE ENGINEER IN THE FIELD.

THE VERTICAL CONTROL USED ON THIS PROJECT IS REFERENCED TO U.S.C.&G.S.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED

SUBGRADE SHOULDER POINTS, ARE TO BE SALVAGED TOPSOILED, FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER IN THE FIELD.

PROPERTY LINE SHOWN ARE APPROXIMATE.

CURVE DATA IS BASED ON ARC DEFINITION.

ALL TIES ON THIS PLAN ARE HORIZONTAL UNLESS DESCRIBED OTHERWISE.

BEARINGS SHOWN ON THIS PLAN ARE GRID BEARINGS TO THE NEAREST SECOND.

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

SILT FENCE SHALL MEET THE MATERIAL SPECIFICATIONS FOR SILTY SOILS.

THE EXACT LOCATION OF SILT FENCE SHALL BE AS DIRECTED BY THE ENGINEER IN THE FIELD.

MEETING EXISTING PAVEMENT WITH NEW PAVEMENT SHALL BE PERFORMED BY A BUTT JOINT.

ALL BUTT JOINTS ARE TO BE SAW CUT.

STANDARD DETAIL DRAWINGS

- | | |
|------------|--|
| 8A5-16a | INLET COVERS TYPE A, H, A-S, & H-S |
| 8C1-5 | INLET TYPES 1, 2, 3 AND 4 |
| 8D1-13 | CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES |
| 8E8-2 | TYPICAL INSTALLATIONS OF EROSION BALES |
| 8E9-5 | SILT FENCE |
| 8F1-11 | APRON ENDWALLS FOR CULVERT PIPE |
| 9A1-11a | AT-GRADE SIDE ROAD INTERSECTIONS, TYPES B1, B2, C AND D AND TEE INTERSECTION BYPASS LANE |
| 14B15-4a | STEEL PLATE BEAM GUARD, CLASS A, INSTALLATION & ELEMENTS |
| 14B16-3a&b | STEEL PLATE BEAM GUARD, CLASS A, END TREATMENT WITH ANCHORAGE TYPE 2 |
| 16A1-6 | LANDMARK REFERENCE MONUMENTS AND COVERS |

STATE PROJECT NUMBER:

HWY: C.T.H.S

COUNTY: OUTAGAMIE

GENERAL NOTES AND TYPICAL SECTIONS

SCALE:

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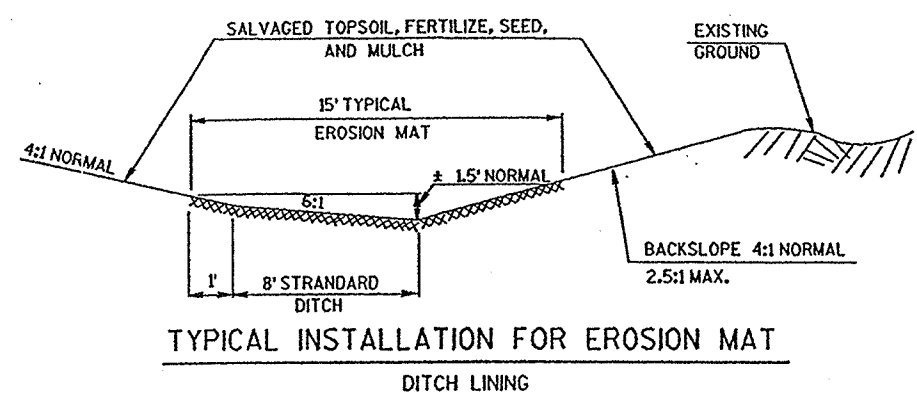
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WISDOT/CADDs SHEET 42

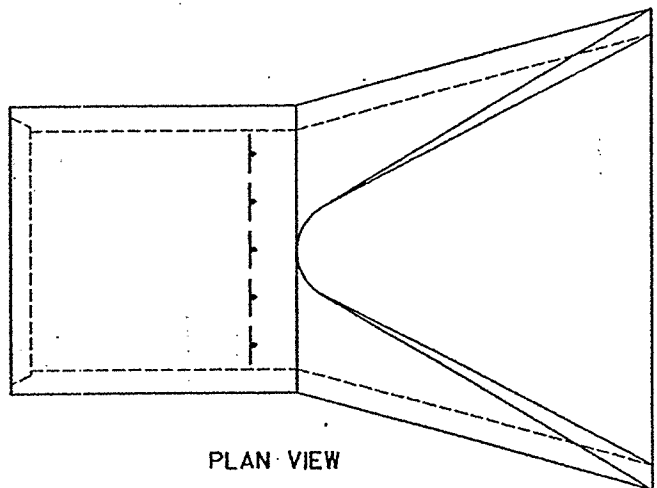
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DATE REVISOR:
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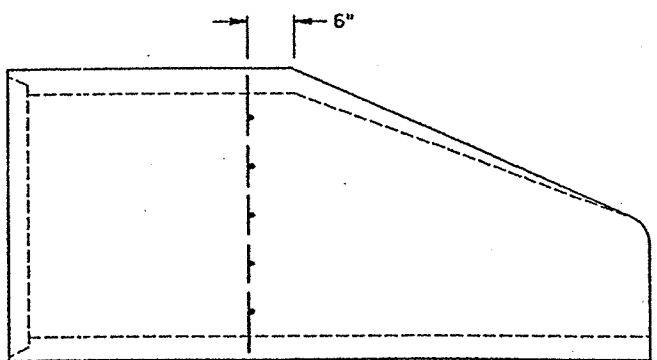
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TYPICAL INSTALLATION FOR EROSION MAT
DITCH LINING

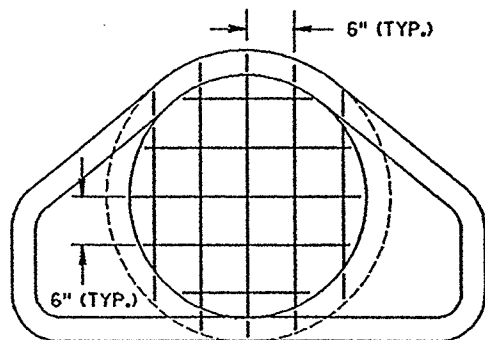


PLAN VIEW



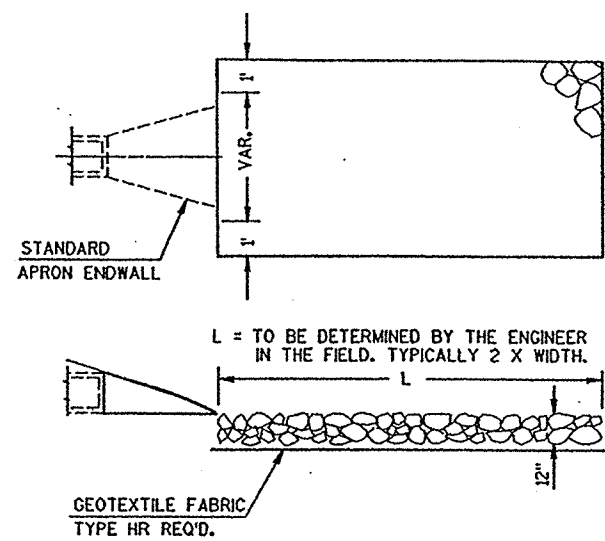
SIDE VIEW

NOTE: DRILL HOLES THROUGH ENDWALL TO PROVIDE FOR VERTICAL #3 BARS. WELD HORIZONTAL #3 BARS TO VERTICAL BARS.



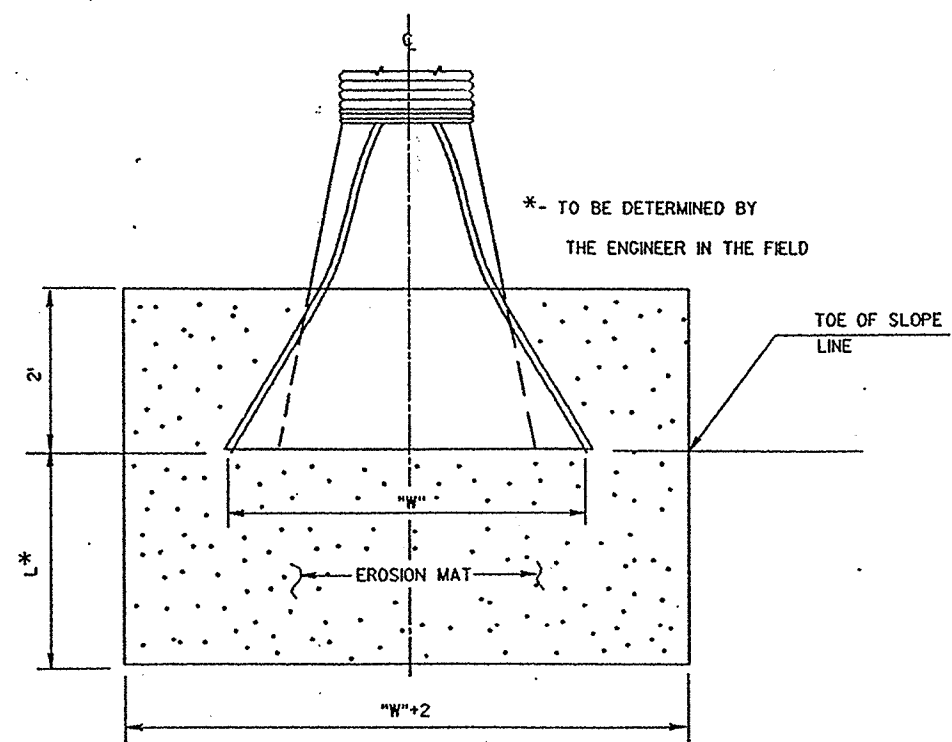
END VIEW

PROTECTIVE SCREEN DETAIL FOR APRON ENDWALL



MEDIUM RANDOM RIPRAP DISCHARGE APRON

STA. 17+22 LT
STA. 18+50 LT.
STA. 18+50 RT.



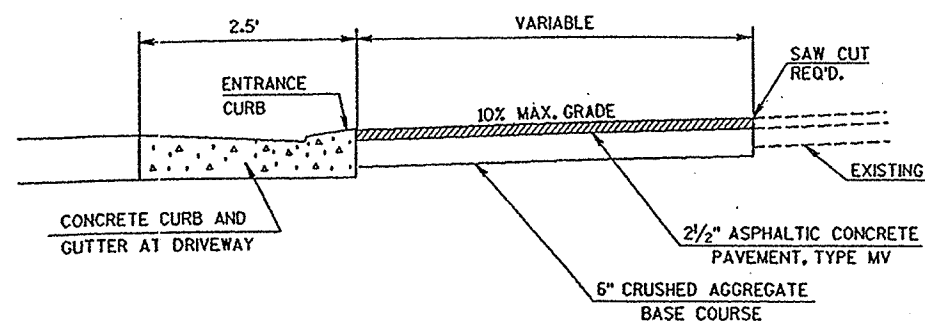
EROSION MAT AT END OF PIPE

(CONCRETE OR METAL)

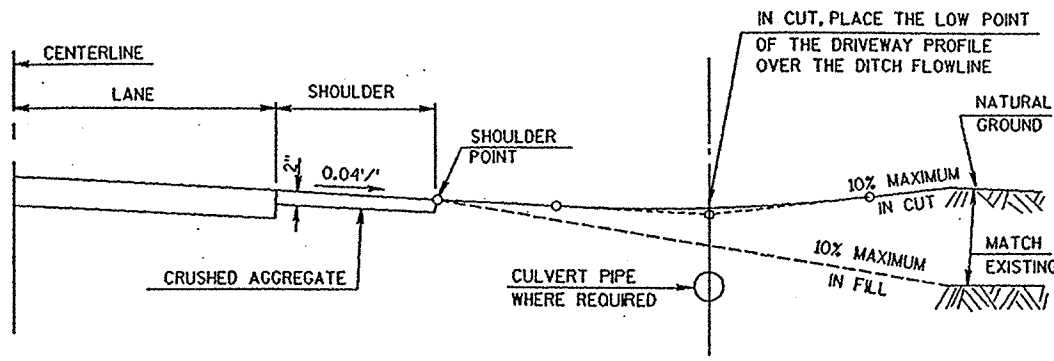
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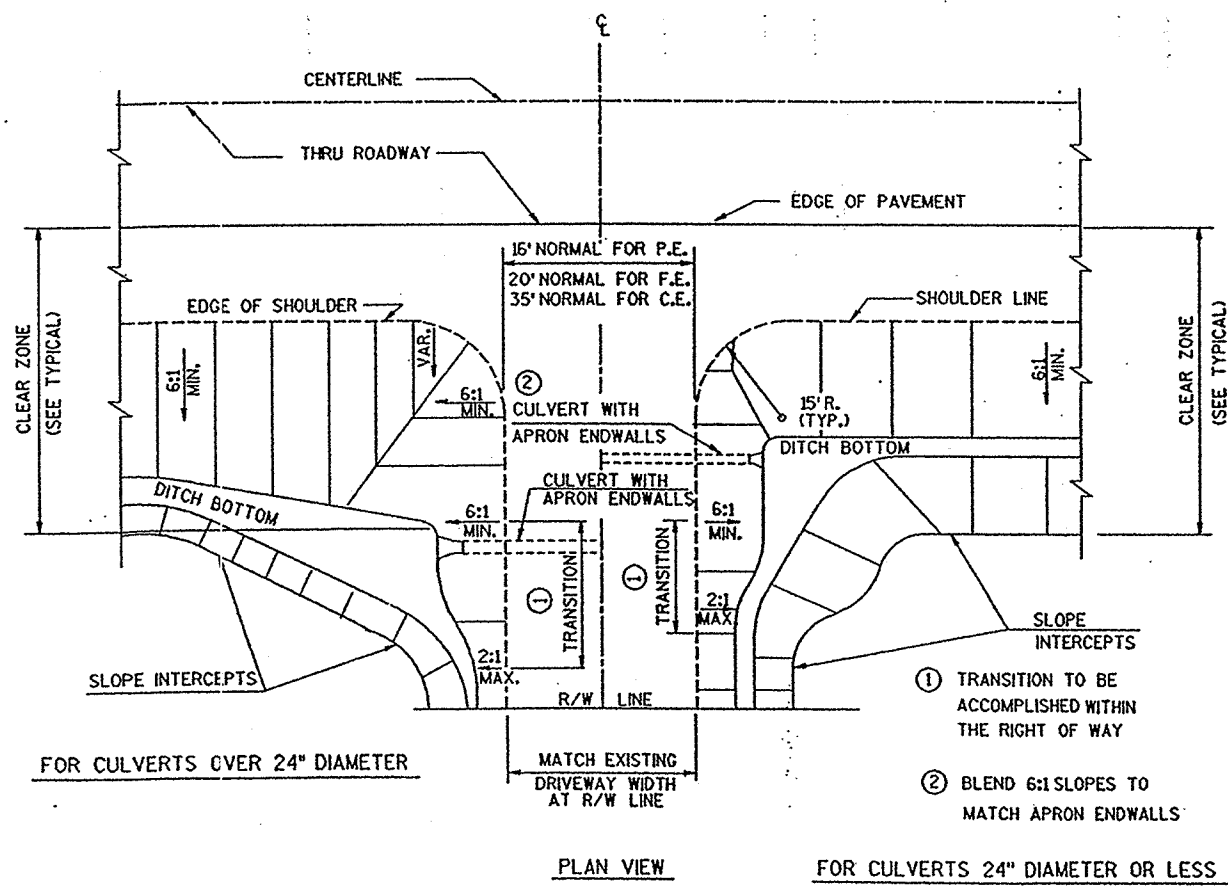
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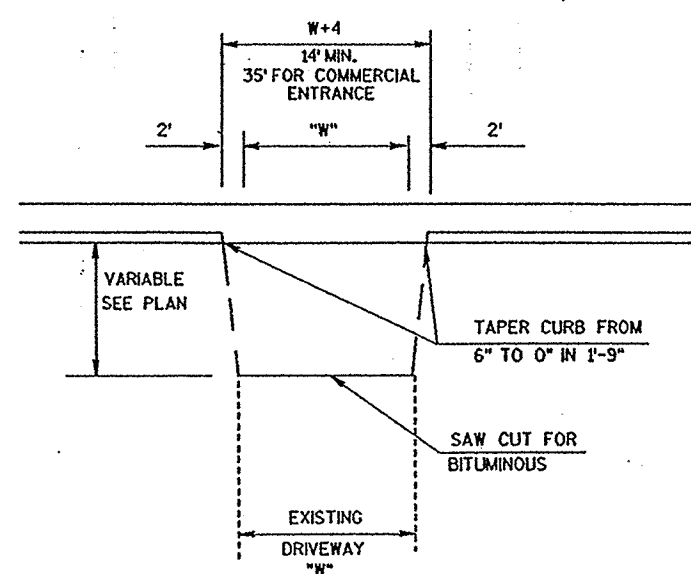
TYPICAL LONGITUDINAL SECTION AT PRIVATE ENTRANCES



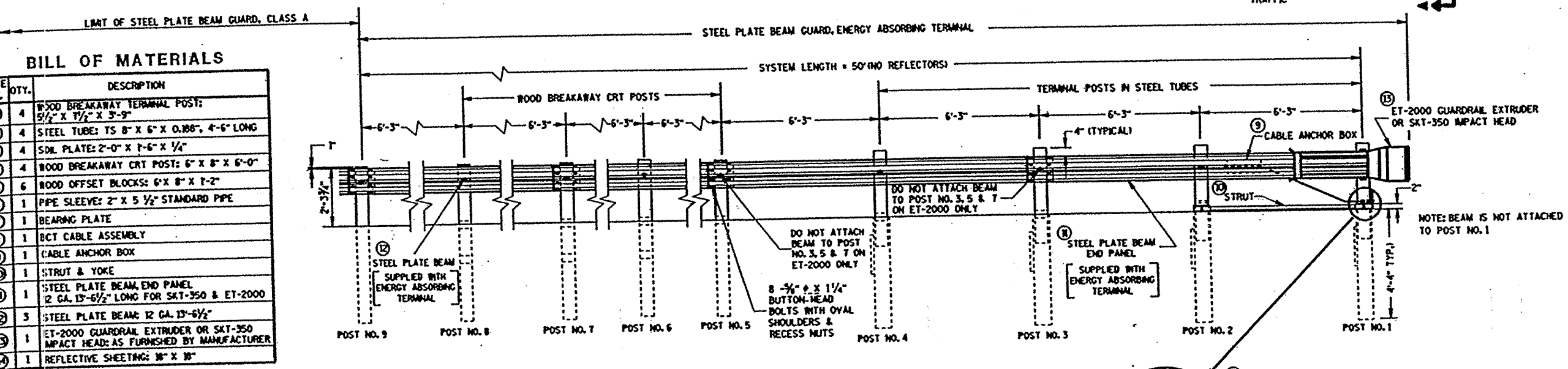
TYPICAL PRIVATE AND FIELD ENTRANCES PROFILES



PRIVATE ENTRANCE GRADING DETAIL
IN NEW GRADING SECTIONS



CURB CUT DETAIL FOR DRIVEWAYS



A detailed technical drawing of a guardrail system. The diagram shows a horizontal steel plate beam supported by nine vertical posts, labeled POST NO. 9 on the left to POST NO. 1 on the right. The total length of the system is indicated as 50' (NO REFLECTORS). Key components and dimensions include:

- STEEL PLATE BEAM GUARD, ENERGY ABSORBING TERMINAL**: Located at the far left end.
- WOOD BREAKAWAY CRT POSTS**: Indicated between POST NO. 8 and POST NO. 7.
- TERMINAL POSTS IN STEEL TUBES**: Located at the far right end.
- CABLE ANCHOR BOX**: Labeled with circled number 9, located near POST NO. 1.
- ET-2000 GUARDRAIL EXTRUDER OR SKT-350 IMPACT HEAD**: Labeled with circled number 13, located at the very right end.
- STRUT**: Labeled with circled number 10, supporting the beam near POST NO. 2.
- STEEL PLATE BEAM END PANEL [SUPPLIED WITH ENERGY ABSORBING TERMINAL]**: Labeled with circled number 8, located near POST NO. 3.
- DO NOT ATTACH BEAM TO POST NO. 3, 5 & 7 ON ET-2000 ONLY**: Two callouts pointing to specific posts.
- 8 - 3/8" x 1 1/4" BUTT-HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS**: Callout pointing to the connection between the beam and POST NO. 5.
- POST NO. 9** through **POST NO. 1**: Individual posts along the system.
- Dimensions**: Various lengths are specified, such as 6'-3" between several posts, 4" (TYPICAL) for a gap, and 4'-4" (TYP.) for the distance from the beam to the base of POST NO. 1.
- Note**: "NOTE: BEAM IS NOT ATTACHED TO POST NO. 1"

5 WOOD OFFSET BLOCK

7'-0"

1'-9 1/2"

2'-0" TO 3'-0" VAR.

4 WOOD BREAKAWAY CRT POST

BUTTON HEAD BOLT
3/4" x 7'-6" AND
RECESS NUT WITH
ROUND WASHER
UNDER NUT

HINGE POINT

SLOPE 10:1
OR FLATTER

3 1/2" HOLES

TRANSITION TO
4:1 TAPER LINE

Diagram illustrating the components and dimensions of a wood breakaway terminal post assembly:

- EDGE OF SHOULDER**: Indicated at the top left.
- 2'-0" OFFSET TO FACE OF RAIL**: Dimension from the edge of the shoulder to the face of the rail.
- 4'-0" MAX. TO HINGE POINT**: Dimension from the hinge point to the end of the assembly.
- REFLECTIVE SHEETING (SEE GENERAL NOTES & DETAIL)**: Indicated by a hatched area.
- WOOD BREAKAWAY TERMINAL POST**: The central vertical component.
- SHOULDER HINGE POINT**: Indicated at the top right.
- SLOPE 10:1 OR FLATTER**: Indicated on the left side of the post.
- SLOPE 4:1 OR FLATTER**: Indicated on the right side of the post.
- OR FLATTER**: Indicated at the bottom right.
- STEEL TUBE**: Indicated by a circle with the number 2.
- SOIL PLATE**: Indicated by a circle with the number 3.
- NORMAL SLOPE**: Indicated at the bottom center.

SECTION A-A
TYPICAL AT POST NO. 1

- (A) A 3:1 OR FLATTER SLOPE MAY BE USED FOR INSTALLATION ON EXISTING HIGHWAYS.
 - (B) WHEN SPECIFIED ELSEWHERE IN THE CONTRACT THE 4-FOOT MINIMUM TO WING POINT, MAY BE REDUCED OR ELIMINATED WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE EARTHWORK. SIMILARLY THE 15:1 TAPER MAY BE REDUCED TO 4:1.
 - (C) WHEN SPECIFIED ELSEWHERE IN THE CONTRACT THE 2-FOOT MINIMUM TO WING POINT, MAY BE REDUCED OR ELIMINATED WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE EARTHWORK.
- STEEL POSTS SHALL NOT BE ALLOWED FOR USE WITH ENERGY ABSORBING TERMINALS.

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STATE PROJECT NUMBER:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

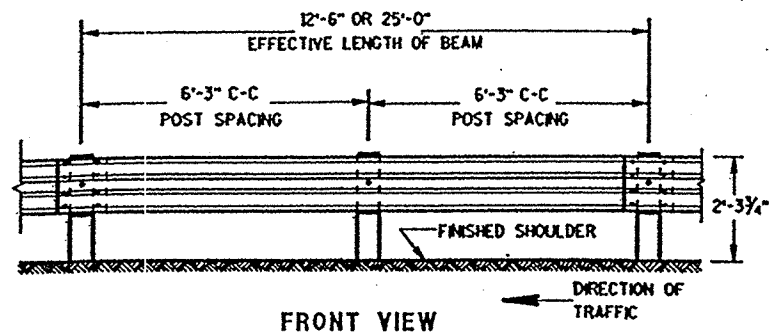
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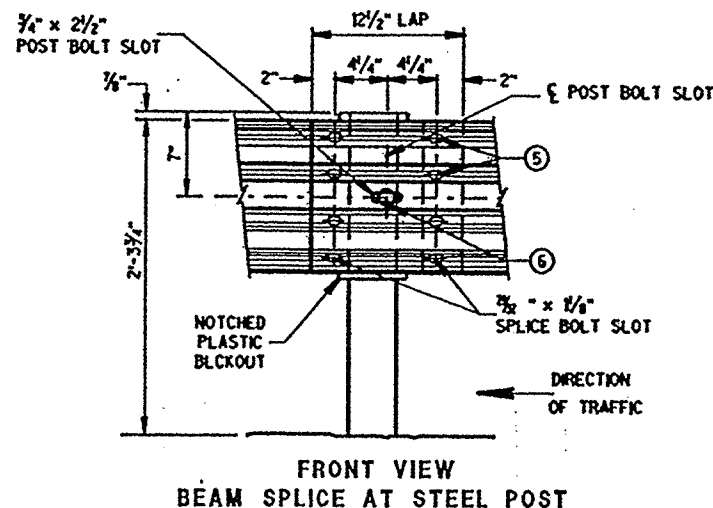
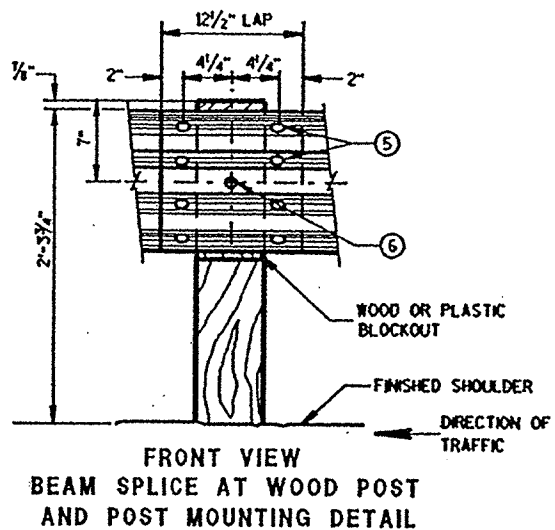
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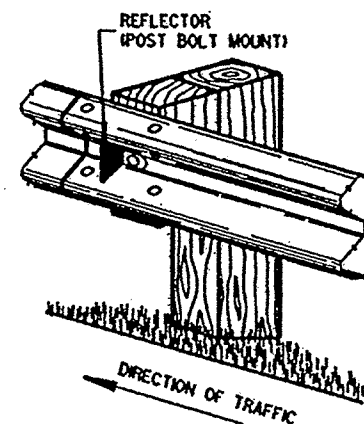
PLAN VIEW
BEAM LAPPING DETAIL



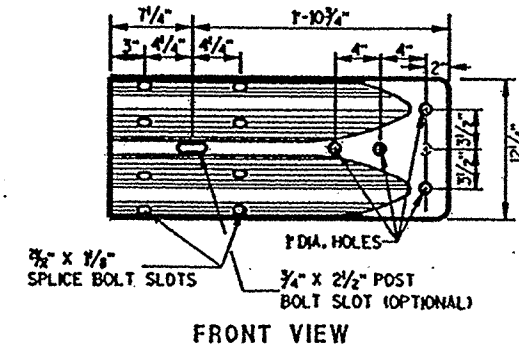
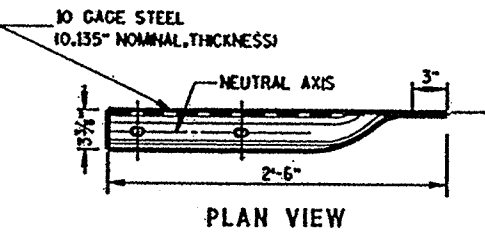
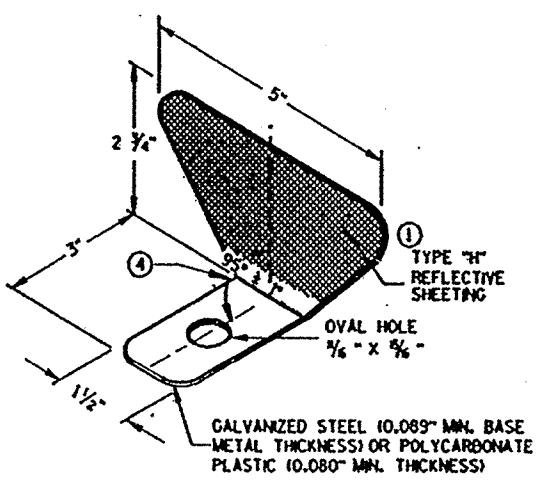
TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD

REFLECTOR SPACING

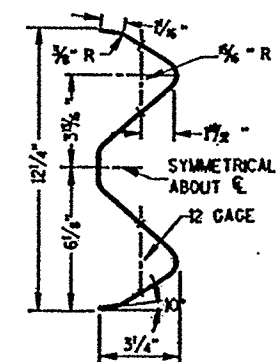
	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 ⑤	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2 ④	3
	> 200'	100' C-C	2	



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION



W BEAM TERMINAL CONNECTOR
(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



SECTION THRU W BEAM

STEEL PLATE BEAM GUARD,
 CLASS "A",
 INSTALLATION & ELEMENTS
 STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- ① PROVIDE TYPE "H" SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH TYPE "H" YELLOW REFLECTIVE SHEETING.
- ② DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.
- ③ REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.
- ④ PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.
- ⑤ 8 - 3/8" x 1 1/4" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.
- ⑥ 3/4" x 7-6" BUTTON HEAD BOLT AND AND RECESS NUT WITH ROUND WASHER UNDER NUT.

STATE PROJECT NUMBER:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CONSTRUCTION DETAILS

SCALE:

SHEET NO:

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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.

- ① W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

- ② USE STRUCTURAL STEEL POSTS CONFORMING TO AASHTO M183. GALVANIZE ACCORDING TO AASHTO M 111 EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPECTER COATING ON GALVANIZED POSTS.

- ③ INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

- ④ USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

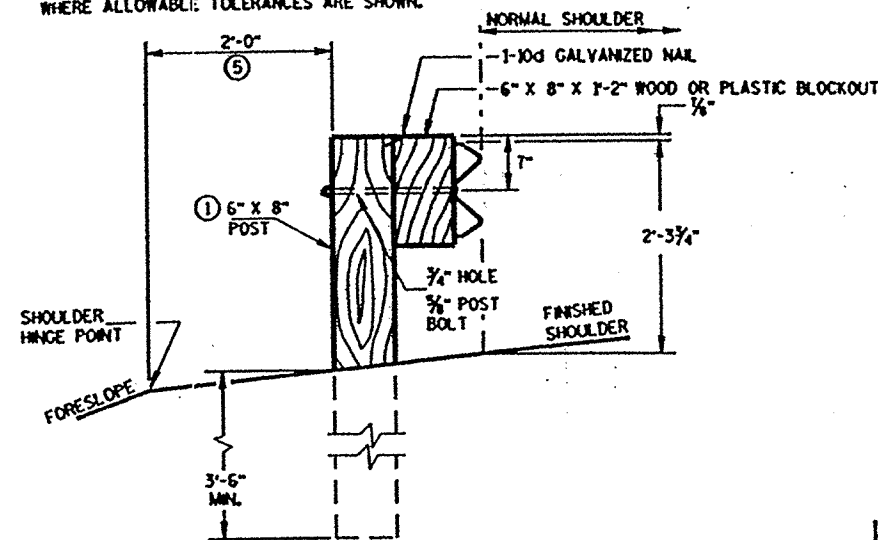
- ⑤ WHEN SPECIFIED IN THE PLANS, THE 2-FOOT MINIMUM TO HINGE POINT MAY BE REDUCED OR ELIMINATED IF EXISTING CONDITIONS DO NOT PERMIT THE DESIRABLE EARTHWORK.

INCREASE POST LENGTH TO PROVIDE A MINIMUM EMBEDMENT OF 3'-6" IF THE SHOULDER HINGE POINT IS LOCATED IN FRONT OF THE POST.

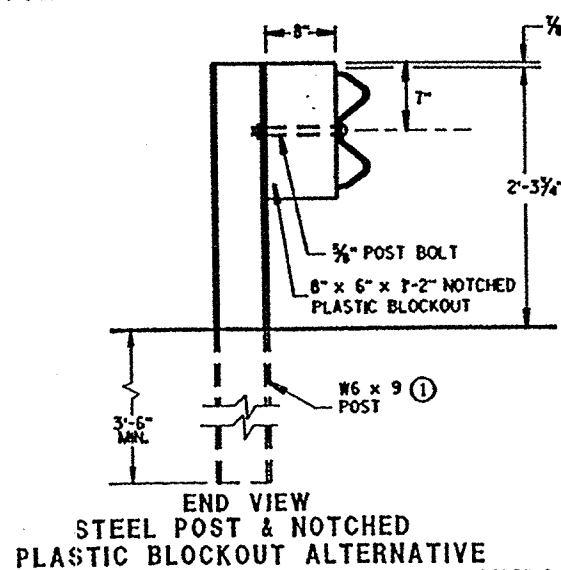
- ⑥ IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 2 1/2 INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN THE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATELY.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

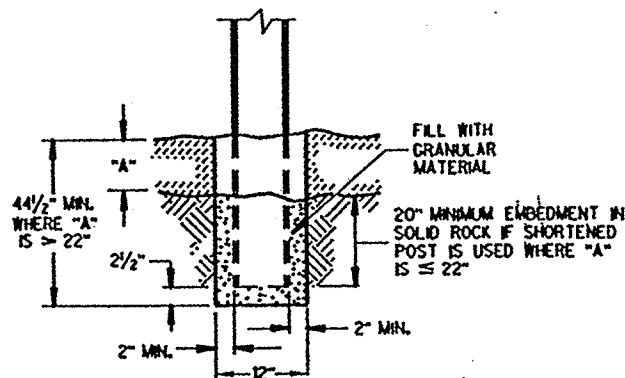
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



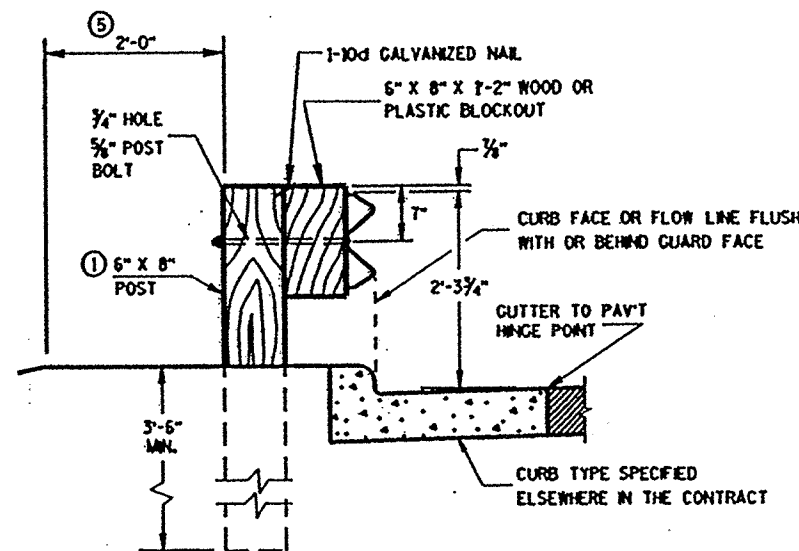
END VIEW
LOCATED ALONG A ROADWAY SHOULDER



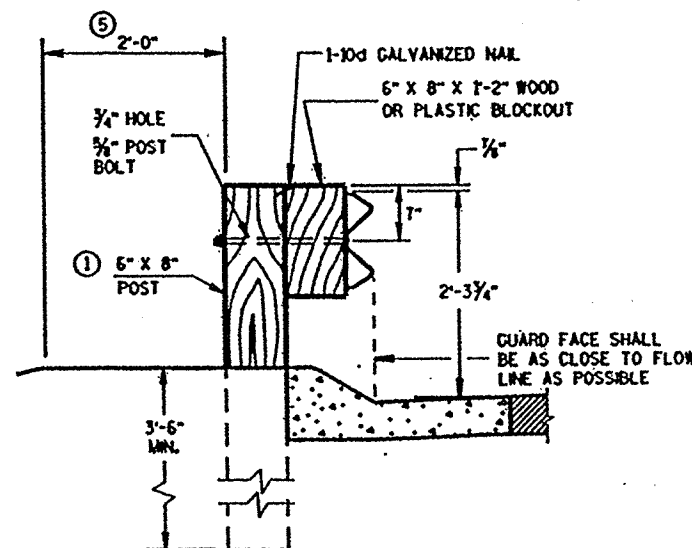
END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE



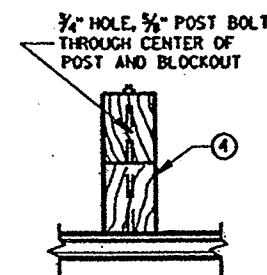
END VIEW
SETTING STEEL OR WOOD POST IN ROCK ⑥



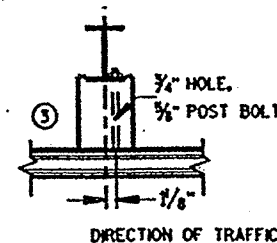
END VIEW
LOCATED ALONG A CURBED ROADWAY



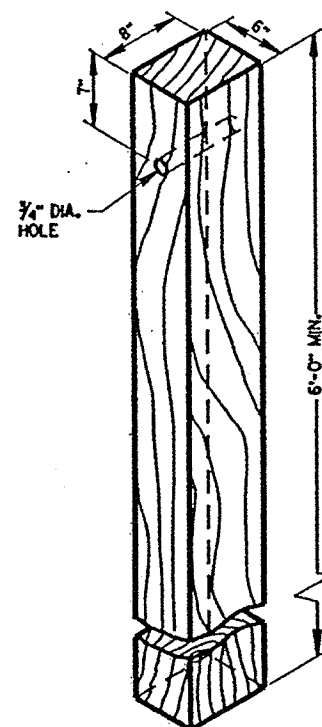
END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM

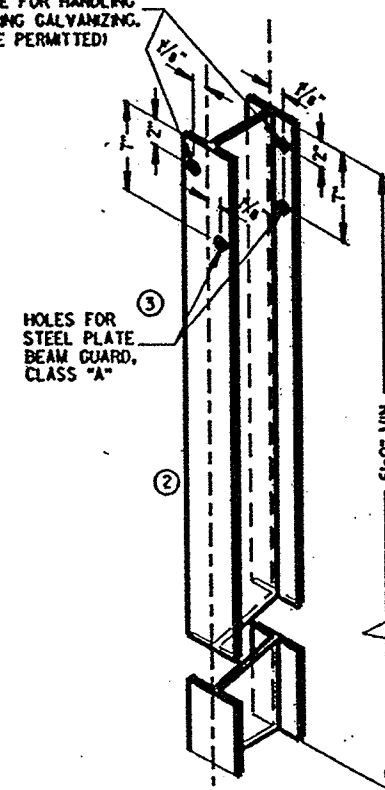


PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM



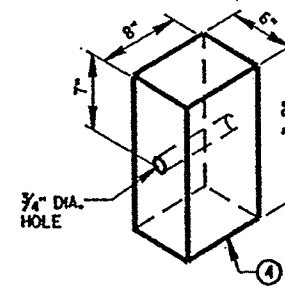
WOOD POST
(6"X8") NOMINAL

OPTIONAL 3/8" DIA.
HOLE FOR HANDLING
DURING GALVANIZING,
IF PERMITTED

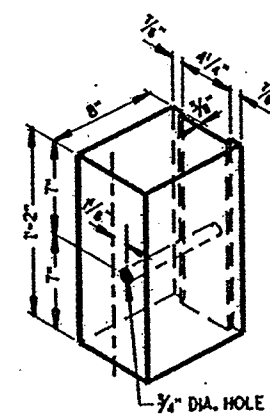


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) ①

ALL HOLES 3/8" DIAMETER EXCEPT AS NOTED



WOOD OR PLASTIC
BLOCKOUT FOR WOOD POSTS



NOTCHED PLASTIC BLOCKOUT
FOR STEEL POSTS

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STATE PROJECT NUMBER:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

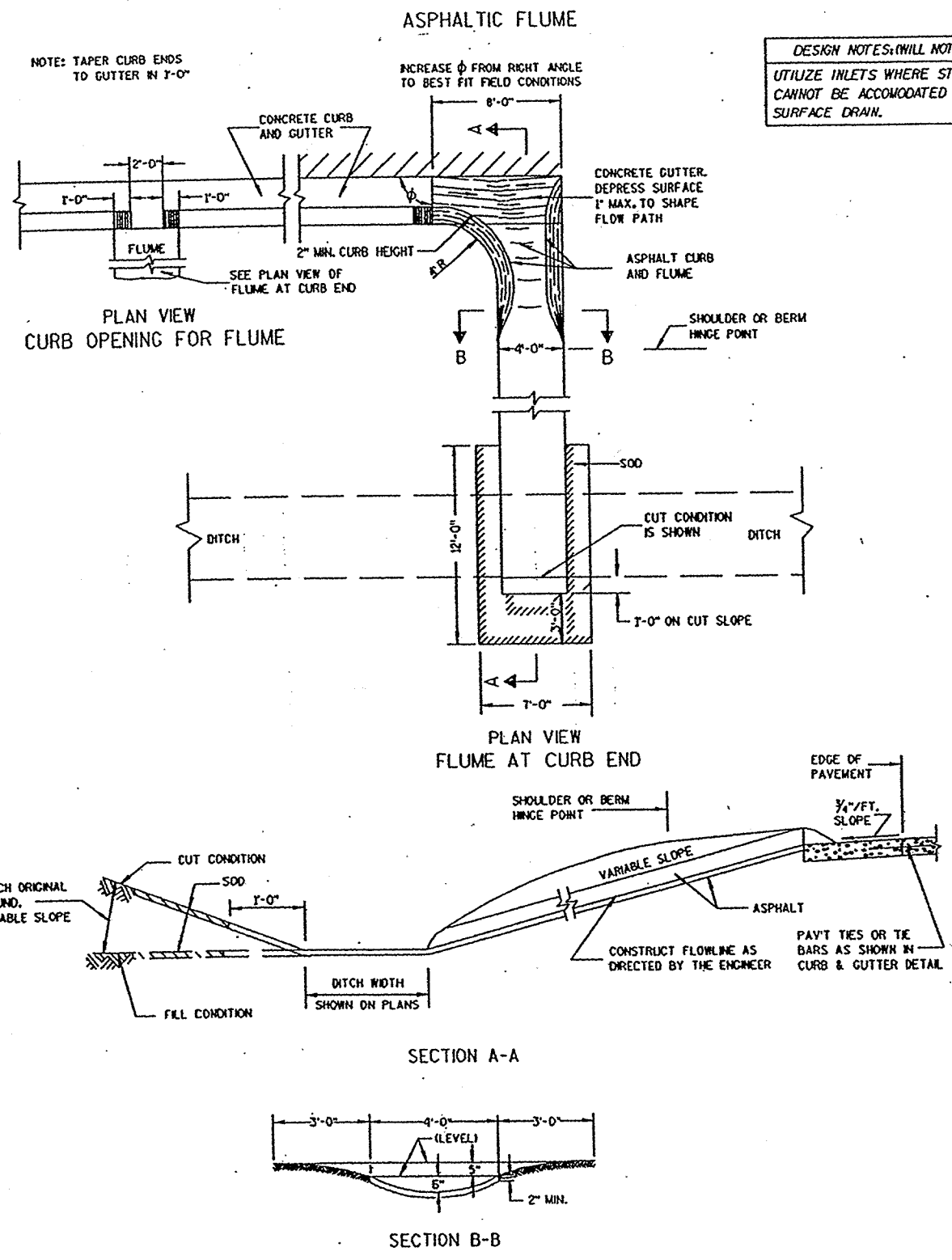
CONSTRUCTION DETAILS

SCALE:

SHEET NO:

WISDOT/CADD5 SHEET 42

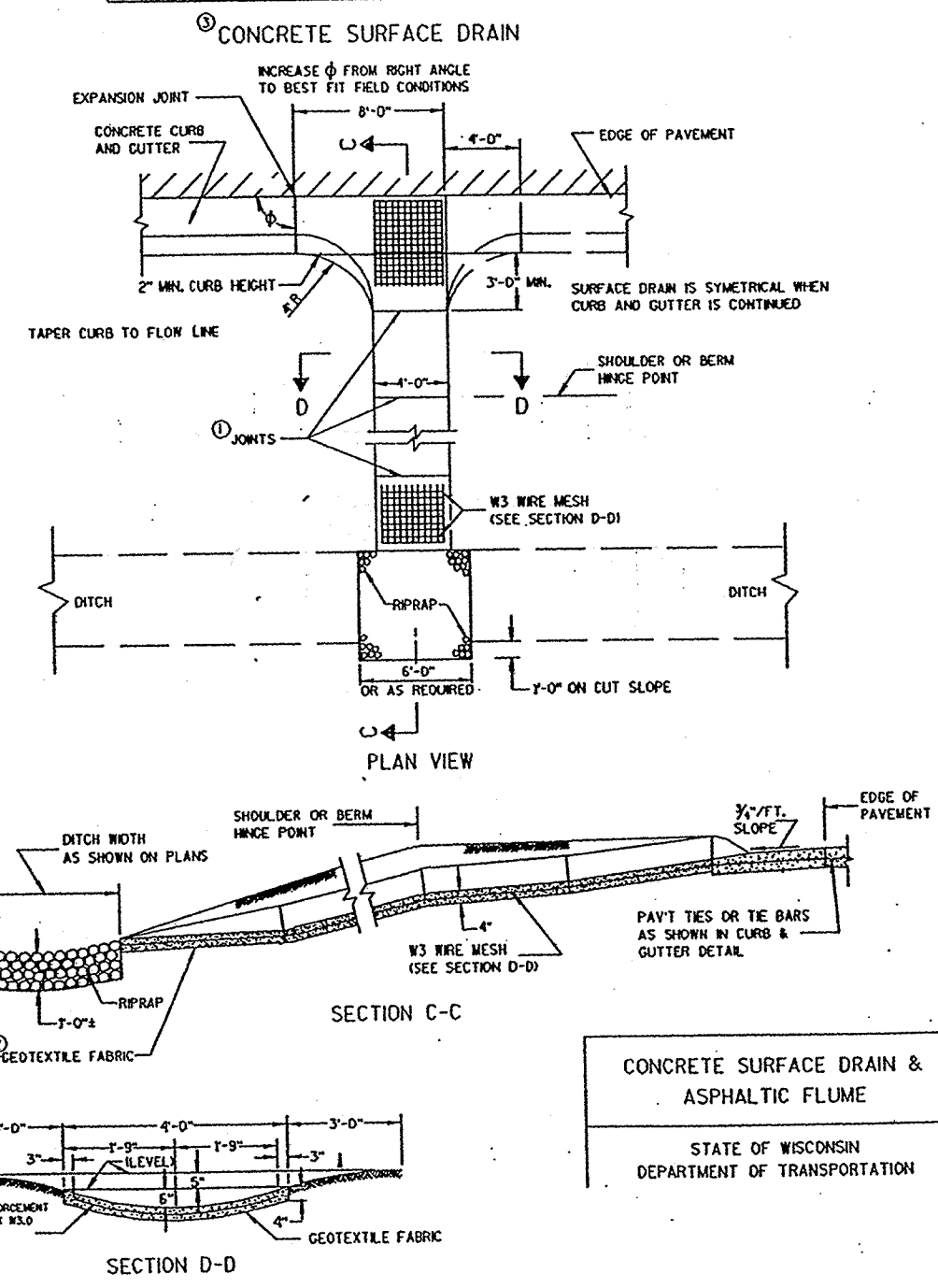
CS2
PEN TABLE = splo+1000r+mv800p+tbl
DATE OF PLOT = 12/17/01
DESIGN FILE IS 12440381adgn+TYPICAL.DGN
DGN LEVELS ON = 1-62
DATE DRAFTED: FILE NAME:
PROJECT NO: 12440381
DATE REVISED: 12/17/01
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62
ORIGINATOR: DDD
REVISOR: BY1



DESIGN NOTES: WILL NOT APPEAR IN CONTRACT PLANS

UTILIZE INLETS WHERE STORM WATER VOLUME AND VELOCITY CANNOT BE ACCOMMODATED EFFECTIVELY WITH A FLUME OR SURFACE DRAIN.

- GENERAL NOTES**
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
- WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.
- JOINTS SHALL BE 1/8" TO 1/4" INCH WIDE BY 1 1/2" INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
 - GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
 - CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED



ORIGINATOR: DUD
PROJECT NO: 44-0387.00
REVISED BY:
DATE REVISED:
DATE DRAFTED: 10/23/01
FILE NAME:

CLEARING AND GRUBBING					
STATION TO STATION	LOCATION	20101 CLEARING STATION	20104 GRUBBING STATION	20102 CLEARING I.D.	20105 GRUBBING I.D.
15+00 - 16+00	CTH S	-	-	X	X
16+00 - 18+00	CTH S	2	2	-	-
18+00 - 24+00	CTH S	6	6	-	-
24+00 - 33+00	CTH S	-	-	16	16
33+00 - 38+00	CTH S	5	5	-	-
TOTAL		13	13	16	16

20420 REMOVING ASPHALTIC SURFACE, MILLING			
STATION TO STATION	LOCATION	QUANTITY S.Y.	
15+00 - 31+75	CTH S	4,094	
79+00 - 83+00	KELLY ROAD	924	
TOTAL		5,018	

ASPHALTIC MATERIALS					
		40713	40501	40204	
STATION	TO STATION	ASPHALTIC CONCRETE PAVEMENT, TYPE MV TON	ASPHALTIC MATERIALS FOR PLANT MIXES @ 6.0% TON	ASPHALTIC MATERIAL FOR TACK COAT GAL.	
15+00	- 31+75	1564	94	225	
79+00	- 83+00	154	9	23	
15+00	- 31+75,SHLDRS	250	15	36	
UNDISTRIBUTED		32	2	5	
TOTAL		2000	120	289	

60135 CONCRETE CURB AND GUTTER, 30-INCH, TYPE G			
STATION TO STATION	LOCATION	QUANTITY L.F.	
20+02 TO 22+02	CTH S	200	
S. W. RADIUS	CTH S	92	
S. E. RADIUS	CTH S	65	
N. W. RADIUS	CTH S	63	
N. W. RADIUS	CTH S	94	
80+84 - 82+50	KELLY ROAD	166	
TOTAL		680	

20330 REMOVING OLD CULVERTS			
STATION	LOCATION	QUANTITY EACH	DIA., TYPE, & LENGTH
81+70, RT.	KELLY ROAD	1	DRIVEWAY CULVERT, 1-24"X12' CP
TOTAL		1	

21202 GRANULAR SUBBASE COURSE, 6-INCH			
STATION TO STATION	LOCATION	QUANTITY TON	
15+00 - 38+50	CTH S	3,800	
TOTAL		3,800	

66501 SAWING EXISTING PAVEMENT		
STATION	LOCATION	QUANTITY L.F.
15+00	CTH S	22
31+75	CTH S	22
79+00	KELLY ROAD	20
83+00	KELLY ROAD	20
TOTAL		84

30404 CRUSHED AGGREGATE BASE COURSE			
STATION TO STATION	LOCATION	QUANTITY TON	
15+00 - 31+75	CTH S	4,220	
31+00 - 38+00	CTH S	360	
79+00 - 83+00	KELLY ROAD	650	
15+00 31+75	CTH S, SHOULDERS	300	
79+00 83+00	KELLY ROAD, SHOULDERS	85	
TOTAL		5,615	

SIDEROAD AND DRIVEWAY CULVERTS										
STATION	LOCATION	52003 18 INCH L.F.	52005 24 INCH L.F.	THICKNESS			52061 18 INCH EACH	52063 24 INCH EACH	INLET ELEV.	DISCHARGE ELEV.
				STEEL INCH	ALUM INCH	RCCP CLASS				
33+66	CTH S, RIGHT	50	-	0.064	0.060	III	2	-	826.5	826.3
79+50	KELLY ROAD	-	136	0.064	0.075	III	-	2	810.0	804.0
TOTAL		50	136				2	2		

CENTERLINE CULVERTS									
STATION	LOCATION	52011 48 INCH L.F.	STEEL INCH	THICKNESS ALUM INCH	RCCP CLASS	52069 48 INCH EACH	INLET ELEV.	DISCHARGE ELEV.	REMARKS
17+22	CTH S, LEFT	20	0.109	0.105	III	1	-	794.3	EXTENSIONS
17+22	CTH S, RIGHT	10	0.109	0.105	III	1	795.4		EXTENSIONS
34+82	CTH S, RIGHT	10	0.109	0.105	III	1	823.8		EXTENSIONS
34+82	CTH S, RIGHT	10	0.109	0.105	III	1	823.8		EXTENSIONS
TOTAL		50				4			

MANHOLES, INLETS, COVERS AND CONCRETE ENDWALLS													
STR. NO.	STA.	LOCATION	52264 RC APRON 24-INCH EACH	61110 MANHOLE TYPE-1 EACH	61122 INLETS TYPE-3 EACH	61151 MANHOLE COVERS TYPE-J EACH	61167 INLET COVERS TYPE-H EACH	62872 INLET PROTECTION TYPE-C EACH	90590 PIPE 24-INCH EACH	* PIPE JOINT TIES EACH	GRATE ELEV.	INVERT ELEV.	DEPTH FT.
1	22+10	CTHS, 29 FT. LEFT	1						1	6	816.00	-	-
2	20+06	CTHS, 25.5 FT. LEFT			1		1	1			815.82	812.82	2.00
3	20+00	CTHS, 29 FT. LEFT		1		1					816.06	812.06	2.75
4	18+66	CTHS, 64 FT. LEFT	1						1	6	801.00		
TOTAL			2	1	1	1	1	1	2				

* PIPE JOINT TIES ARE INCIDENTAL TO THE COST OF CONSTRUCTION

REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER											
FROM	TO	LOCATION	60825 DIAMETER 12-INCH L.F.	60829 DIAMETER 24-INCH L.F.	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT./FT.				
1	2	CTHS, 22+10-20+06		208	816.00	812.06	0.0189				
2	3	CTHS, 20+10-20+00	7		812.82	812.06	0.1086				
3	4	CTHS, 20+00-18+66		140	812.06	801.00	0.0790				
TOTAL			7	348							

EARTHWORK SUMMARY						
STATION TO STATION		LOCATION	20503 UNCLASSIFIED WASTE EXCAVATION		REMARKS	
			C.Y.	C.Y.		
15+00	- 38+50	CTHS	21658	16034	HAUL 1195 C.Y. WASTE TO KELLY ROAD	
79+50	- 83+00	KELLY ROAD	106	-	HAUL IN 1195 C.Y. WASTE FROM CTHS	
15+50	- 20+00	CTHS	2000		EBS	
TOTAL			23764			

MEDIUM RANDOM RIPRAP & GEOTEXTILE FABRIC, TYPE HR

STATION	LOCATION	60604	64506
		RIPRAP	GEOTEXTILE FABRIC
		C.Y.	S.Y.
17+22	CTH S, LEFT	8	13
18+50	CTH S, LEFT	8	13
18+50	CTH S, RIGHT	8	13
TOTAL		24	39

STEEL PLATE BEAM GUARD & ANCHORAGES

STATION	TO	STATION	LOCATION	61408	61435	REMARKS
				STEEL PLATE BEAM GUARD L.F.	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL EACH	
34+60	-	36+50	CTH S, RIGHT	200	2	REMOVE EXISTING BEAM GUARD
34+00	-	35+00	CTH S, LEFT	-	1	REMOVE EXISTING ANCHORAGE
39+80	-	40+25	CTH S, LEFT	-	1	REMOVE EXISTING ANCHORAGE
TOTAL				200	4	

62203
ASPHALTIC FLUMES

STATION	LOCATION	S.Y.
18+71	S. W. QUADRANT	16
79+34	S. E. QUADRANT	10
80+00	KELLY ROAD	10
TOTAL		36

DITCH CHECKS

STA.	TO	STA.	LOCATION	62,811	62,812
				EROSION BALES DELIVERED EACH	EROSION BALES INSTALLED EACH
16+00	-	15+62	CTH S, RT	9	9
17+22	-	18+50	CTH S, RT	45	45
20+00	-	32+00	CTH S, RT	54	54
33+00	-	34+80	CTH S, RT	18	18
34+80	-	38+00	CTH S, RT	108	108
23+00	-	30+00	CTH S, LT	36	36
TOTAL				270	270

EROSION MAT, CLASS I, TYPE B, INSTALLED AND DELIVERED

STATION	TO	STATION	LOCATION	62,824	62,825
				DELIVERED QUANTITY S.Y.	INSTALLED QUANTITY S.Y.
16+00	TO	19+00	CTH S, SLOPE	800	800
21+00	TO	28+50	CTH S, SLOPE	4,385	4,385
16+00	TO	17+10	CTH S, RIGHT DITCH	147	147
17+10	TO	18+25	CTH S, RIGHT DITCH	153	153
34+00	TO	34+82	CTH S, RIGHT DITCH	109	109
34+82	TO	36+00	CTH S, RIGHT DITCH	157	157
17+22			CTH S, RIGHT PIPE END	16	16
34+82			CTH S, RIGHT PIPE END	27	27
22+06			CTH S, LEFT PIPE END	11	11
79+50			KELLY ROAD, RT. PIPE END	11	11
UNDISTRIBUTED				84	84
TOTAL				5,900	5,900

63110
LAWN SOD, FLUMES

LOCATION	QUANTITY S.Y.
S.W. QUADRANT, CTH S & KELLY ROAD INTERSECTION	4
S. E. QUADRANT, CTH S & KELLY ROAD INTERSECTION	3
N. W. QUADRANT, CTH S & KELLY ROAD INTERSECTION	53
80+00, KELLY ROAD	3
TOTAL	63

SILT FENCE

STATION	TO	STATION	LOCATION	62,815	62,816	62,817
				DELIVERED L.F.	INSTALLED L.F.	MAINTENANCE L.F.
16+00	-	82+00	KELLY ROAD, LEFT	200	200	100
16+50	-	17+50	CTH S, RIGHT	100	100	50
34+00	-	35+00	CTH S, RIGHT	100	100	50
34+50	-	35+50	CTH S, LEFT	100	100	50
TOTAL				500	500	250

SALVAGED TOPSOIL, MULCHING, FERTILIZER, AND SEED

STATION	TO	STATION	LOCATION	62,505	62,702	62,905	63,010	63,009
				SALVAGED TOPSOIL S.Y.	MULCHING S.Y.	FERTILIZER, TYPE B CWT.	SEEDING MIXTURE NO. 30 LB.	SEEDING MIXTURE NO. 20 LB.
15+00	-	38+50	CTH S	15,900	15,900	10	73	329
79+00	-	83+50	KELLY ROAD	1,650	1,650	1	8	34
TOTAL				17,550	17,550	11	81	363

UNCLASSIFIED EXCAVATION, CTH S

STATION	CUT	FILL	Inc. Vol.		Cum. Vol.		MASS HAUL
			CUT	EXP. FILL	CUT	EXP. FILL	
15+00.000	0	0					
15+50.000	137	24	127	29	127	29	98
15+79.000	139	47	148	50	276	78	198
16+00.000	118	41	100	44	376	123	253
16+50.000	99	111	201	183	577	306	271
17+00.000	58	286	146	478	723	784	-61
17+50.000	59	366	109	785	832	1569	-737
18+00.000	38	327	90	834	923	2403	-1480
18+50.000	35	320	68	779	992	3182	-2190
19+00.000	20	113	51	521	1043	3703	-2660
19+50.000	43	35	58	178	1102	3881	-2779
20+00.000	89	21	122	67	1225	3948	-2723
20+35.000	109	7	129	24	1354	3972	-2618
20+50.000	120	24	64	11	1418	3983	-2565
21+00.000	156	17	257	49	1675	4032	-2357
21+50.000	237	4	365	25	2040	4058	-2018
22+00.000	357	0	550	5	2591	4063	-1472
23+00.000	640	0	1846	0	4438	4063	375
24+00.000	938	0	2924	0	7362	4063	3299
25+00.000	845	0	3303	0	10665	4063	6602
26+00.000	690	0	2844	0	13509	4063	9446
27+00.000	570	0	2336	0	15845	4063	11782
28+00.000	432	0	1858	0	17704	4063	13641
29+00.000	280	0	1319	0	19023	4063	14960
30+00.000	158	0	812	0	19836	4063	15773
31+00.000	77	0	438	0	20274	4063	16211
32+00.000	57	0	251	0	20526	4063	16463
33+00.000	22	27	149	65	20675	4128	16547
33+66.000	77	35	122	99	20797	4226	16571
34+00.000	19	97	61	108	20858	4334	16524
35+00.000	83	88	191	445	21050	4779	16271
36+00.000	25	80	201	404	21251	5184	16067
37+00.000	75	50	186	313	21438	5497	15941
38+00.000	28	2	193	125	21631	5622	16009
38+50.000	0	0	26	2	21658	5624	16034

UNCLASSIFIED EXCAVATION, KELLY ROAD

STATION	CUT	FILL	Inc. Vol.		Cum. Vol.		MASS HAUL
			CUT	EXP. FILL	CUT	EXP. FILL	
79+00	0	0					
79+50	63	190	59	229	59	229	-170
80+50	0	353					
81+00	0	149	0	604	59	833	-774
81+50	0	107	0	308	59	1141	-1082
82+00	0	12	0	143	59	1284	-1225
82+25	23	3	10	9	69	1293	-1224
82+50	19	3	19	4	88	1297	-1209
83+00	0	0	18	4	106	1301	-1195

COUNTY PROJECT NUMBER:

HWY: CTH S

COUNTY: OUTAGAMIE

MISCELLANEOUS QUANTITIES SHEET

SHEET NO:

E

Conventional Signs and Abbreviations

ABBREVIATIONS

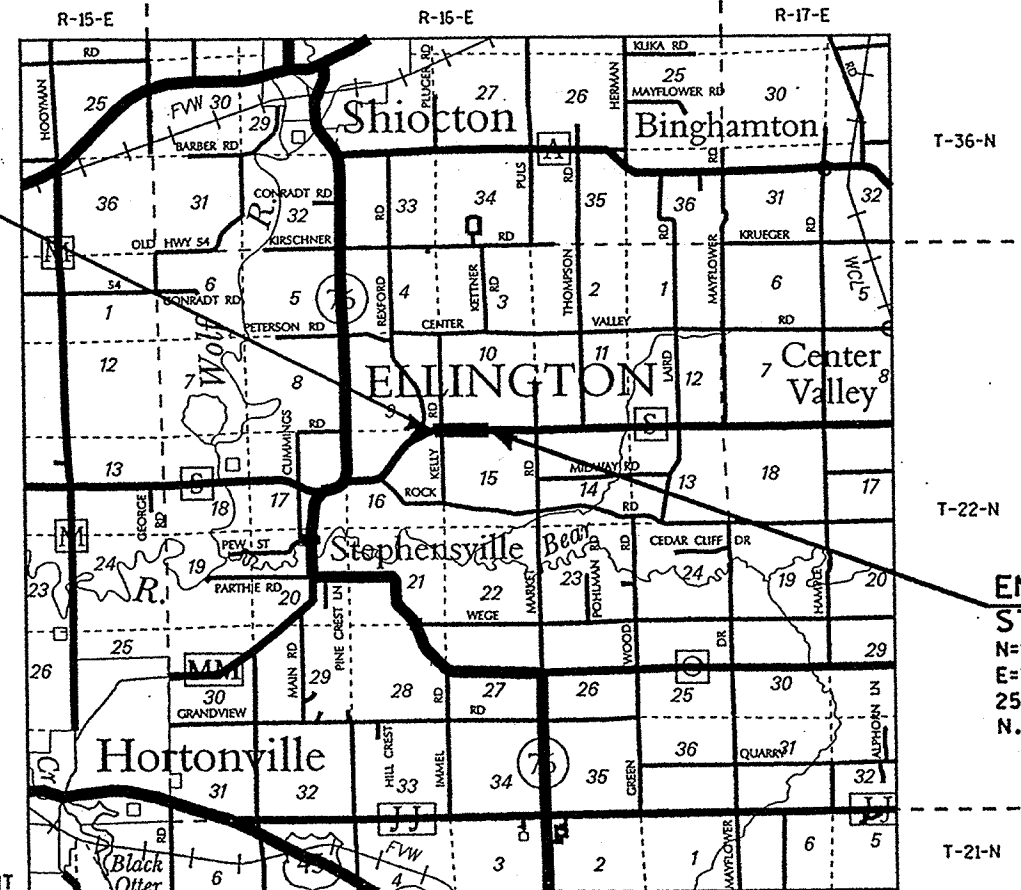
STATE LINE	-----	SECTION CORNER
COUNTY LINE	-----	
TOWNSHIP & RANGE LINE	-----	
COUNTY LINE	-----	
QUARTER LINE	-----	
SIXTEENTH LINE	-----	
NEW REFERENCE LINE	10 15	NOTATION FOR COMBUSTIBLE FLUIDS
NEW R/W LINE	-----	
EXISTING R/W LINE	-----	CULVERT (BOX, PIPE OR CATTLE)
PROPERTY LINE	-----	BRIDGE
CORPORATE LIMITS	-----	STREAM OR RIVER
NO ACCESS (BY ACQUISITION)	-----	CHANNEL CHANGE
TEMPORARY LIMITED EASEMENT	-----	LAKE
FENCE	-----	
BEAM GUARD	-----	
SLOPE INTERCEPTS	-----	
PERMANENT LIMITED EASEMENT	-----	
UNDERGROUND FACILITIES (GAS, TELEPHONE, ELECTRIC, ETC.)	-----	RAIL LINE
NO ACCESS (BY STATUTORY AUTHORITY)	-----	BUSHES
LOT & TIE	-----	

CEMETERY	-----
FOUNDATION OR RUINS	-----
BUILDING	-----
BUILDING	-----
SILO, MANHOLE, WELL, VENT, SEPTIC TANK, ETC.	-----
TREES (DECIDUOUS) (CONIFEROUS)	-----
IRON PIN/PIPE	-----
POWER POLE	-----
TELEPHONE POLE	-----
TELEPHONE PEDESTAL	-----
MONUMENTED R/W POINT	-----
VALVE	-----
TRANSMISSION TOWER AND LINE	-----
UNDERGROUND CABLE MARKER	-----
R/W POINT	-----
R/W MONUMENT	-----
WINDMILL	-----
SIGN	-----

A.P.	ACCESS POINT	L.C.B.	LONG CHORD BEARING
AC.	ACRES	MH	MANHOLE
AH.	AHEAD	MON.	MONUMENT
ALUM.	ALUMINUM	O.L.	OUTLOT
ET.AL.	AND OTHERS	P.	PAGE
BK.	BACK	P.K.	PARKER-KALON
BIT.	BITUMINOUS	P.C.	POINT OF CURVATURE
C.M.	CABLE MARKER	P.I.	POINT OF INTERSECTION
E	CENTERLINE	P.T.	POINT OF TANGENCY
C.T.H.	COUNTY TRUNK HIGHWAY	P.L.	PROPERTY LINE
C.S.M.	CERTIFIED SURVEY MAP	R	RADIUS
CONC.	CONCRETE	R.R.	RAILROAD
COR.	CORNER	R	REFERENCE LINE
CULV.	CULVERT	R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
d/b/o	DOING BUSINESS AS	RT.	RIGHT
E	ELECTRIC	R/W	RIGHT OF WAY
FDN.	FOUNDATION	SEC.	SECTION
G.	GARAGE	S	SHED
G.M.	GAS MARKER	S.T.H.	STATE TRUNK HIGHWAY
G.P.	GAS PUMPS	STA.	STATION
HO.	HOUSE	T	TANGENT LENGTH OF CURVE
I.P.	IRON PIPE	TAV.	TAVERN
L.C.	LAND CONTRACT	T.L.E.	TEMPORARY LIMITED EASEMENT
LT.	LEFT	U.S.H.	UNITED STATES HIGHWAY
L	LENGTH OF CURVE	W.	WALL
L.H.E.	LIMITED HIGHWAY EASEMENT		
L.C.	LONG CHORD		

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT NUMBER	4.1	5
PLAT OF RIGHT OF WAY REQUIRED FOR S.T.H. 76 - C.T.H. A C.T.H. S & KELLY RD. INTERSECTION		
C.T.H. S	OUTAGAMIE COUNTY	

BEGIN RELOCATION ORDER
STA. 15+61.30
N=9950.37
E=9549.51
24.25' S. AND 465.22' W. OF
SE COR. SEC. 9, T22N, R16E



END RELOCATION ORDER
STA. 38+00.00
N=9902.83
E=11884.91
25.22' N. AND 874.74' W. OF
N. 1/4 COR. SEC. 15, T22N, R16E

NOTES

COORDINATES AND BEARINGS ARE ASSUMED.
BEARINGS ARE BASED ON THE SOUTH LINE OF THE
SOUTHEAST QUARTER, SECTION 9, T22N, R16E BEARING
S88°37'25"E.

RIGHT OF WAY MONUMENTS ARE TYPE 2 (5/8" X 24" REINFORCEMENT
BAR WEIGHING 1.04LB./FT.) AND ARE PLACED PRIOR TO OR AT THE
TIME OF LAND TITLE TRANSFER.

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

GOVERNMENTAL LAND LINE AND REFERENCE LINE ARE
COINCIDENTAL.

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

TOTAL NET LENGTH OF RELOCATION ORDER = 0.424 MILES

ACCEPTED FOR OUTAGAMIE COUNTY	
COUNTY HIGHWAY COMMISSIONER	DATE
PLAT PREPARED BY AYRES ASSOCIATES Engineers/Architects Scientists/Photogrammetrists Over 40 Years of Experience Green Bay, Wisconsin	
THE SURVEY IS PREPARED AT THE REQUEST OF THE OUTAGAMIE COUNTY HIGHWAY DEPARTMENT. THE FIELD SURVEY WAS PERFORMED MAY OF 2001.	
THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
REVISION DATE	
EVELYN L. FERNEDING, RLS	S-1669 DATE

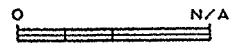
CS2
PEN TABLE = *Plot*LASERlevel.tbl
DATE OF PLOT = 4/12/02
DGN NA
DGN LEVELS ON = 1-62

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

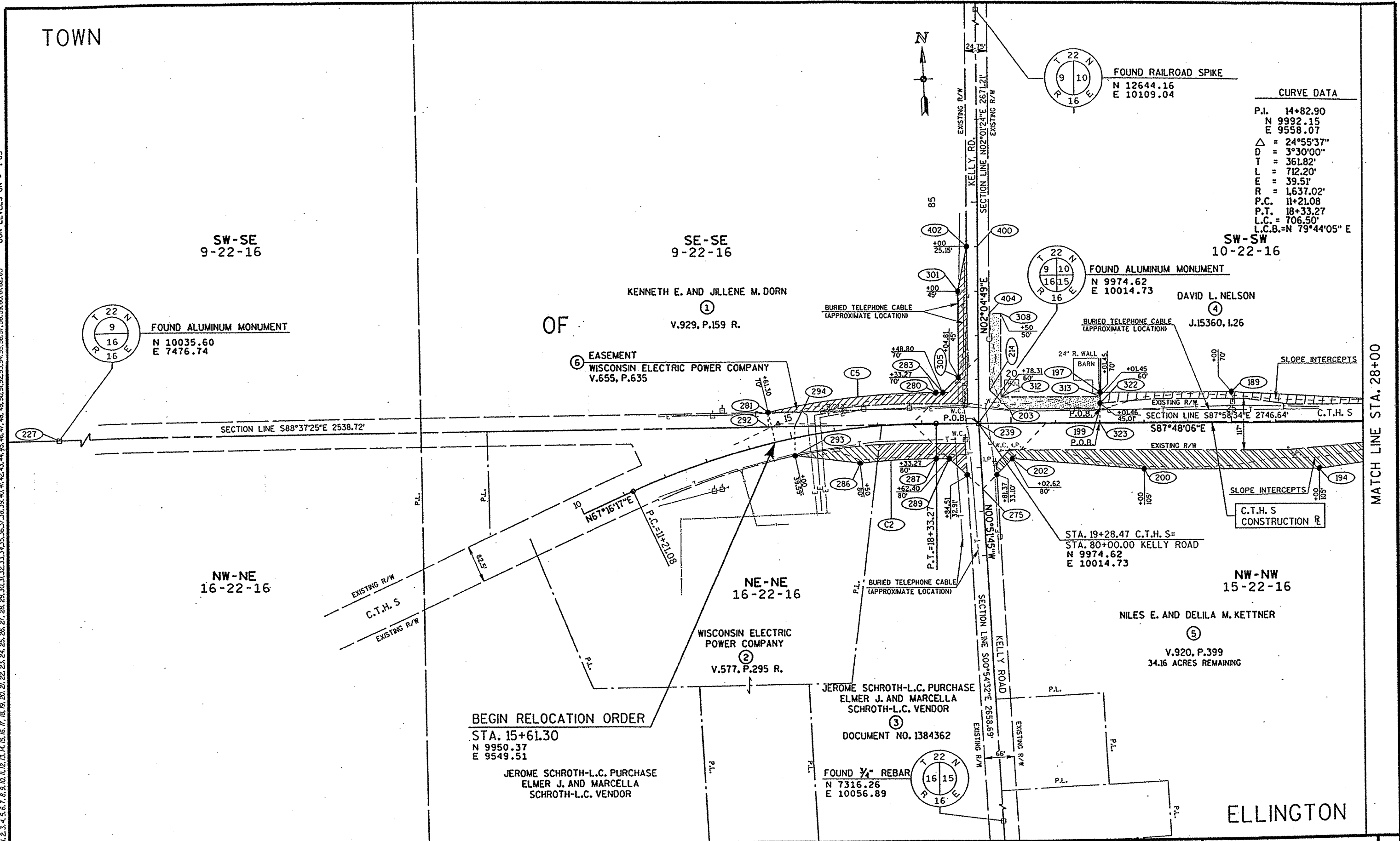
SCHEDULE OF LANDS & INTERESTS REQUIRED

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 ABUTTING TO THE AREA TO BE ACQUIRED.

PARCEL NO.	SHEET NO.	OWNERSHIP	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES			TOTAL ACRES REMAINING	T.I. ACRES (TEMP.)	HIGHWAY EASEMENT (AC.)
					NEW	EXISTING	TOTAL			
1	4.3	KENNETH E. AND JILLENE M. DORN	FEE	33.35	0.35	0.66	1.01	33.34	-----	-----
2	4.3	WISCONSIN ELECTRIC POWER COMPANY	FEE	6.69	0.11	-----	0.11	6.58	-----	-----
3	4.3	JEROME SCHROTH-LAND CONTRACT PURCHASER ELMER J. AND MARCELLA SCHROTH-LAND CONTRACT-VENDOR	FEE	28.06	0.18	0.27	0.45	27.61	-----	-----
4	4.3,4.4	DAVID L. NELSON	FEE AND T.I.E.	39.59	0.26	0.82	1.08	38.51	0.24	-----
5	4.3,4.4	NILES E. AND DELILA M. KETTNER	FEE	76.17	1.09	2.71	3.80	72.37	-----	-----
6	4.3	WISCONSIN ELECTRIC POWER COMPANY	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----

REVISION DATE	DATE	SCALE, FEET 	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
			COUNTY: OUTAGAME	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 2 

C82
PEN TABLE = #PlotLASERlevel.tbl
DATE OF PLOT = 4/12/02
DGN NA
DGN LEVELS ON = 1-63
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CURVE DATA	
P.I.	14+82.90
N	9992.15
E	9558.07
Δ	24°55'37"
D	3°30'00"
T	361.82'
L	712.20'
E	39.51'
R	1637.02'
P.C.	11+21.08
P.T.	18+33.27
L.C.B.	706.50'
L.C.B.	N 79°44'05" E

REVISION DATE	DATE	SCALE, FEET	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
GRID FACTOR		0 100 200	COUNTY: OUTAGAMIE	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 4

GB2
PEN TABLE = #PlotLASERlevel.tbl
DATE OF PLOT = 4/12/02
DGN NA
DGN LEVELS ON = 1-63

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

TOWN

SW-SW
10-22-16

DAVID L. NELSON
④
J.15360, I.26

SE-SW
10-22-16

FRANK L. AND JENNIFER E. CALABRESE
DOCUMENT NO. 1362568

ANTHONY W. GASCHLER
J.2490, I.15

SW-SE
10-22-16

FOUND ALUMINUM MONUMENT
N 9877.61
E 12759.65

CURVE DATA
P.I. 46+75.02
N 9869.26
E 12759.28
Δ = 46+75.02
D = 00°15'00"
T = 219.82'
L = 439.62'
E = 1.05'
R = 22918.31'
P.C. 44+55.20
P.T. 48+94.82
L.C. = 439.61'
L.C.B. = S87°15'08"E



MATCH LINE STA. 28+00

34.16 ACRES REMAINING

NW-NW
15-22-16

NILES E. AND DELILA M. KETTNER
⑤

V.920, P.399
38.21 ACRES REMAINING

NE-NW
15-22-16

OF

NW-NE
15-22-16

ELLINGTON

REVISION DATE

DATE

SCALE, FEET

HWY: C.T.H. S

CONSTRUCTION PROJECT NUMBER

PS&E SHEET NO: 4.

GRID FACTOR

0 100 200

COUNTY: OUTAGAMIE

STATE R/W PROJECT NUMBER

PLAT SHEET NO: 4. 5

DESIGN FILE IS 1:\440387\DN\NR2.DGN

DATE OF PLOT = 4/12/02

PLOT NAME = P:\LASER\17\w2.plt

PEN TABLE = #PlotLASERlevel.tbl

#USER

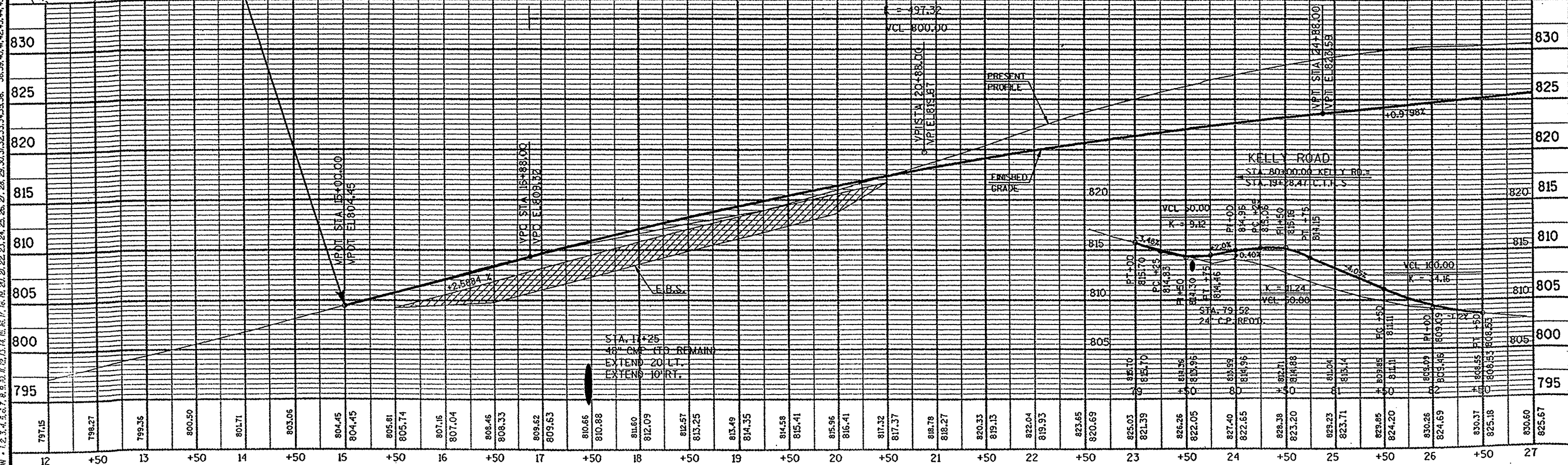
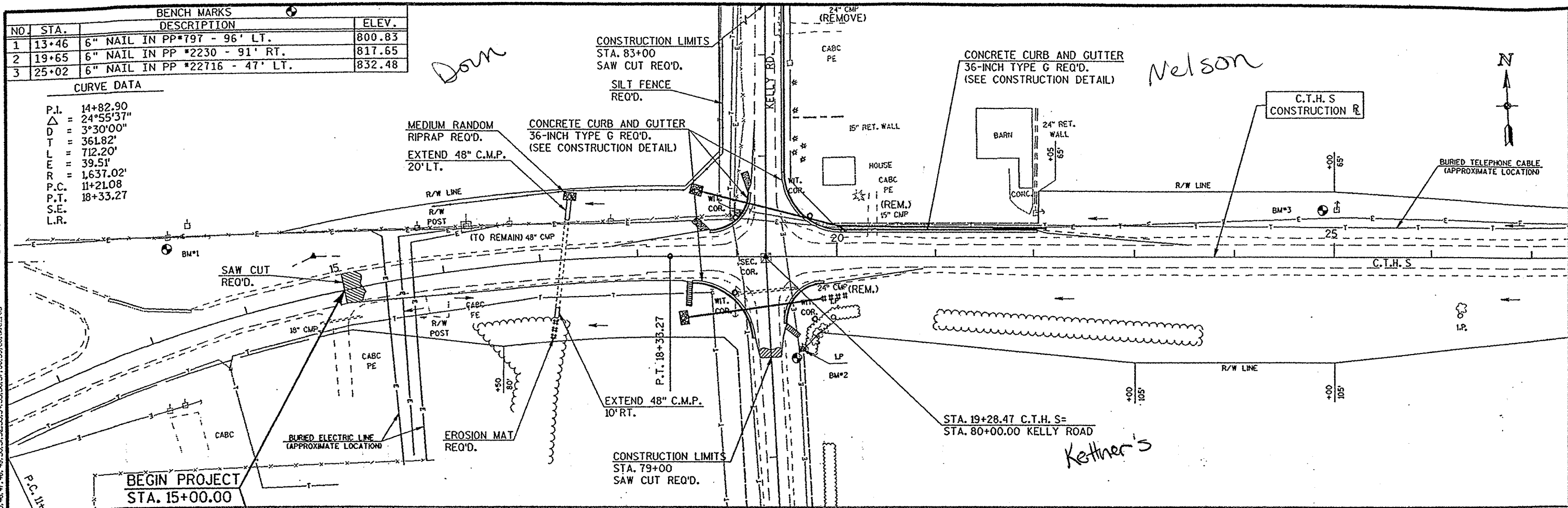
#SCALE

WISDOT/CADD SHEET 75

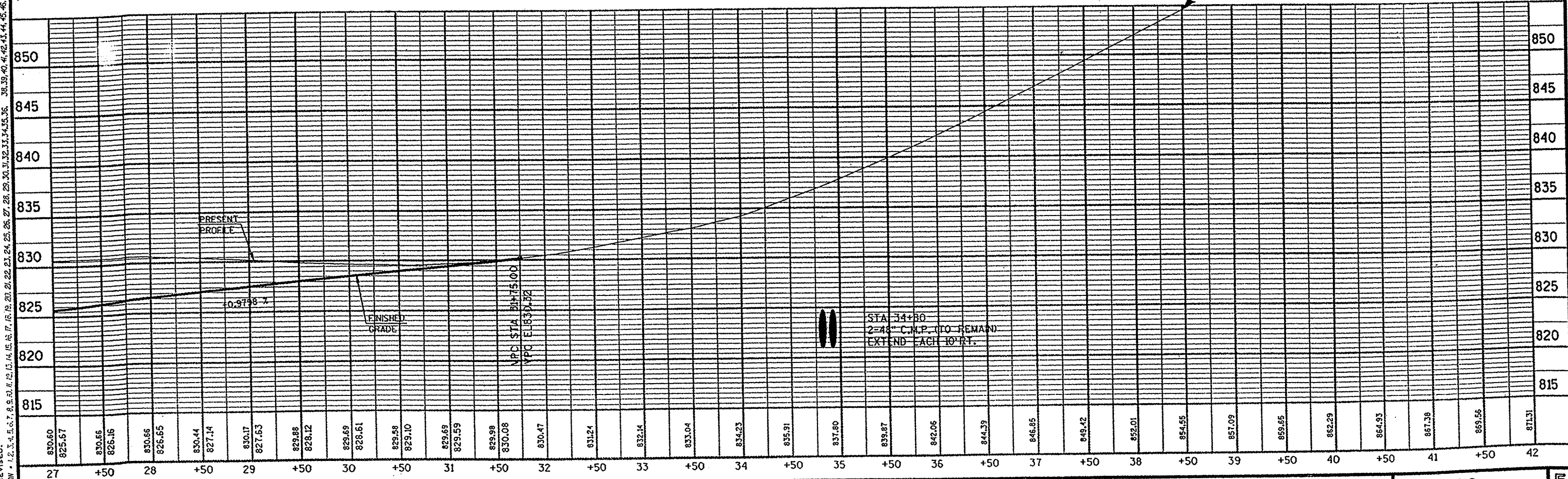
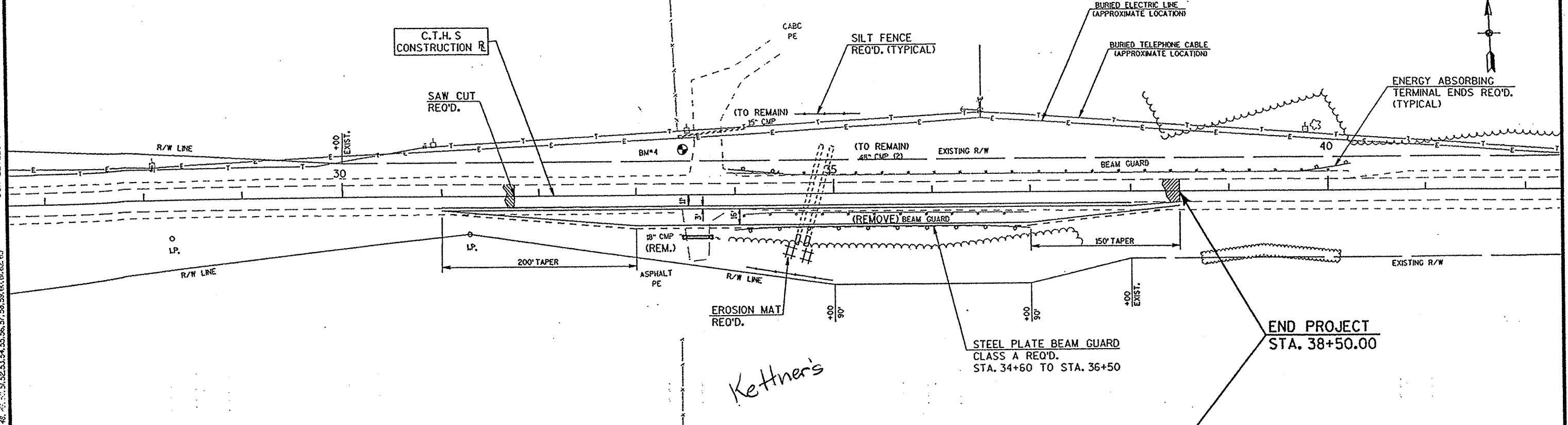
ORIGINATOR: PROJECT NO. 4
DATE DRAFTED: FILE NAME:
DATE REVISION: LEVELS ON = 1-63
PEN TABLE = level.tbl
DATE OF PLOT = 1/5/02
DESIGN FILE IS 114403874DGN+PPLDGN
DGN LEVELS ON = 1-63

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
1	13+46	6" NAIL IN PP*797 - 96' LT.	800.83
2	19+65	6" NAIL IN PP *2230 - 91' RT.	817.65
3	25+02	6" NAIL IN PP *22716 - 47' LT.	832.48

CURVE DATA	
P.I.	14+82.90
Δ	24°55'37"
D	3°30'00"
T	361.82'
L	712.20'
E	39.51'
R	1,637.02'
P.C.	11+21.08
P.T.	18+33.27
S.E.	
L.R.	



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
4	33+52	6" NAIL IN PP #0568 - 64' LT.	827.14

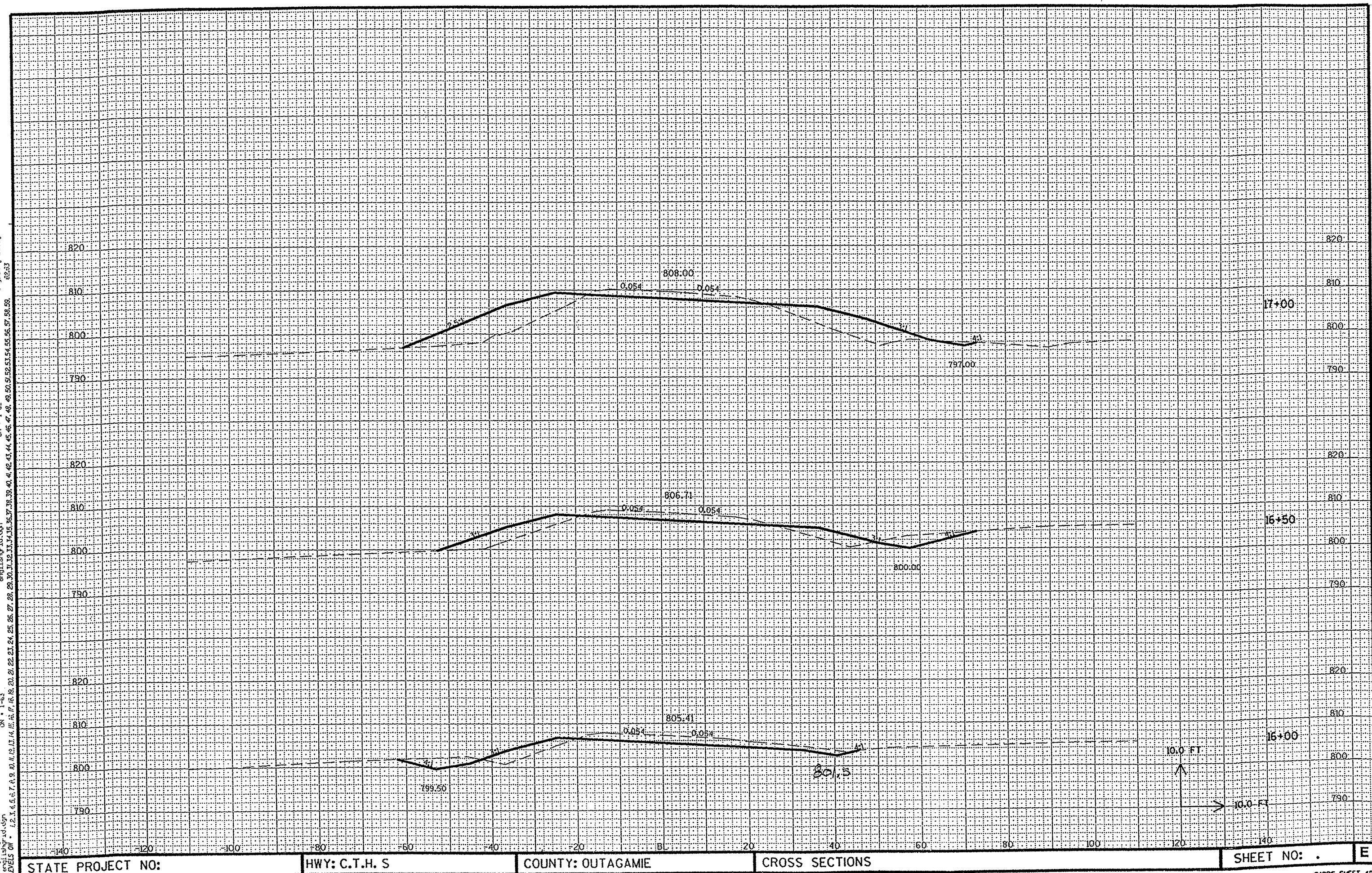


Kettner's

END PROJECT
STA. 38+50.00

G82 PEN TABLE = level.tbl
 DATE OF PLOT = 1/5/02
 DESIGN FILE IS 1144038740GN#PP2.dgn
 DGN LEVELS ON = 1-63
 ORIGINATOR: D:\P
 PROJECT NO: 144-0387.00
 DATE DRAFTED: 10/24/01
 FILE NAME:
 REVISIONS:
 DATE REVISION:
 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

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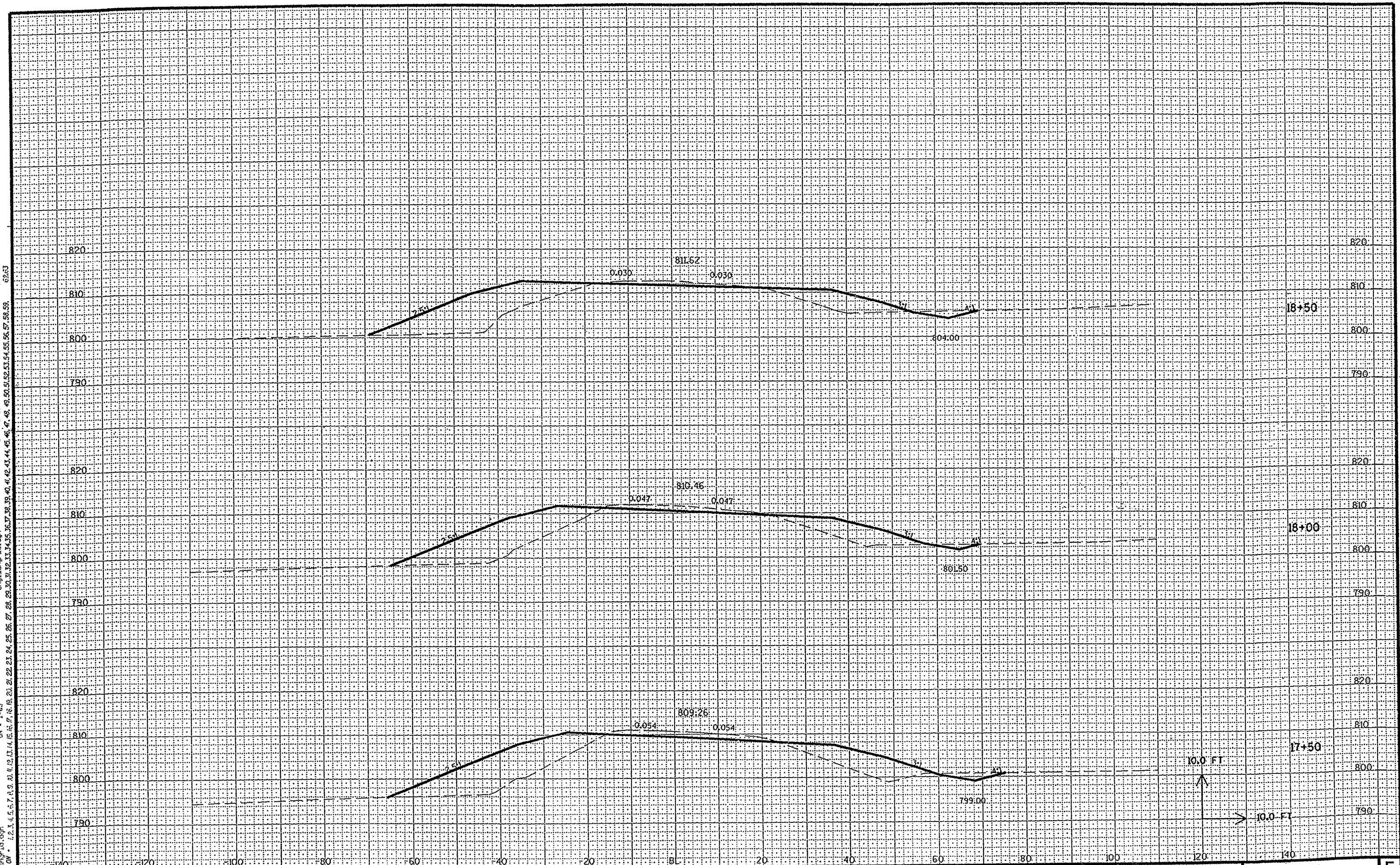
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ON - 1-63



STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO: .

E

DATE OF PLOT = 10/22/02
DGN NA ON - 1-63
DGN LEVELS ON ON 1-54, 62, 63

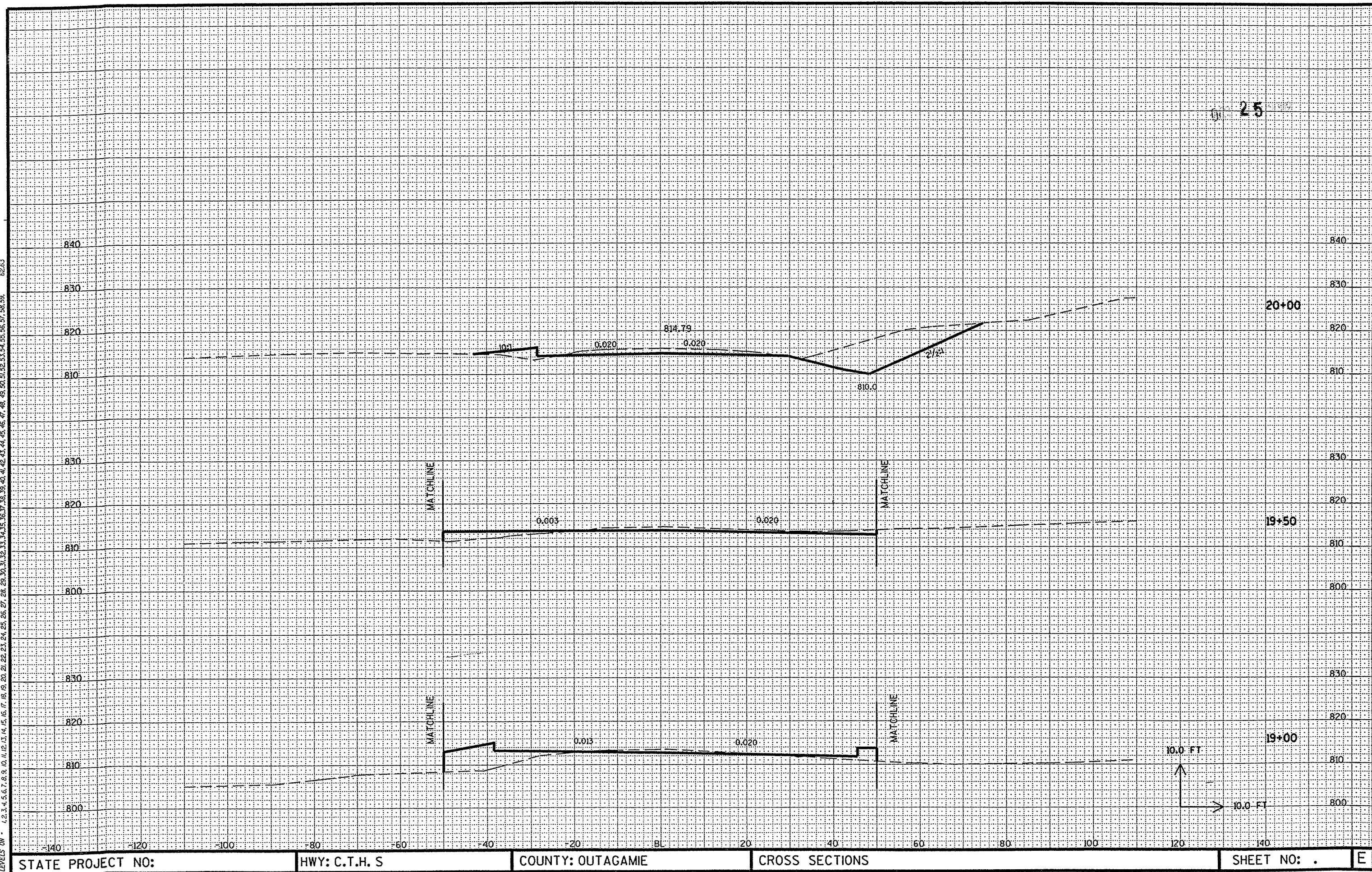
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ENGLISHGRID.DGN

ON - 1-63
ON - 1-63
ON - 1-63
ON - 1-63
5, 46, 47, 48, 49

ENGLISHGRID.DGN
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ENGLISHGRID.DGN
ENGLISHGRID.DGN
9.30.31,32,33,34,35,36

CN : 1-63
CN : 1-63
CN : 1-63
CN : 1-63
15, 16, 17, 18, 19,

ENGL1SHGR1D.DGN
ENGL1SHGR1D.DGN
ENGL1SHGR1D.DGN
ENGL1SHGR1D.DGN
LEVELS ON - 1,2,3,4



ON - 1-63
ON - 1-63
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ON - 1-63

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enduser1.dgn

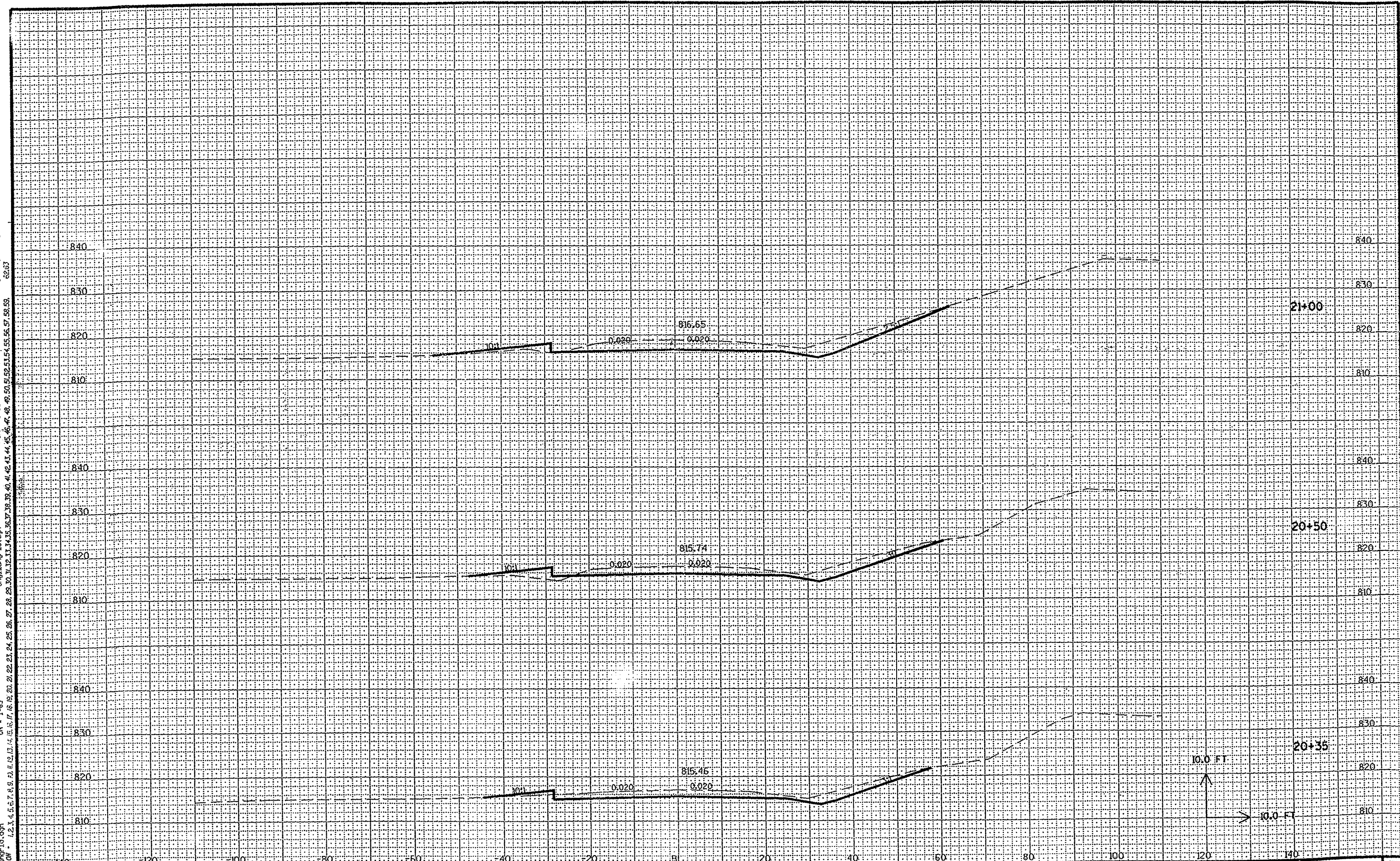
ON - 1-63
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enduser1.dgn
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LEVELS ON - 1-59.62.63 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59



STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO: .

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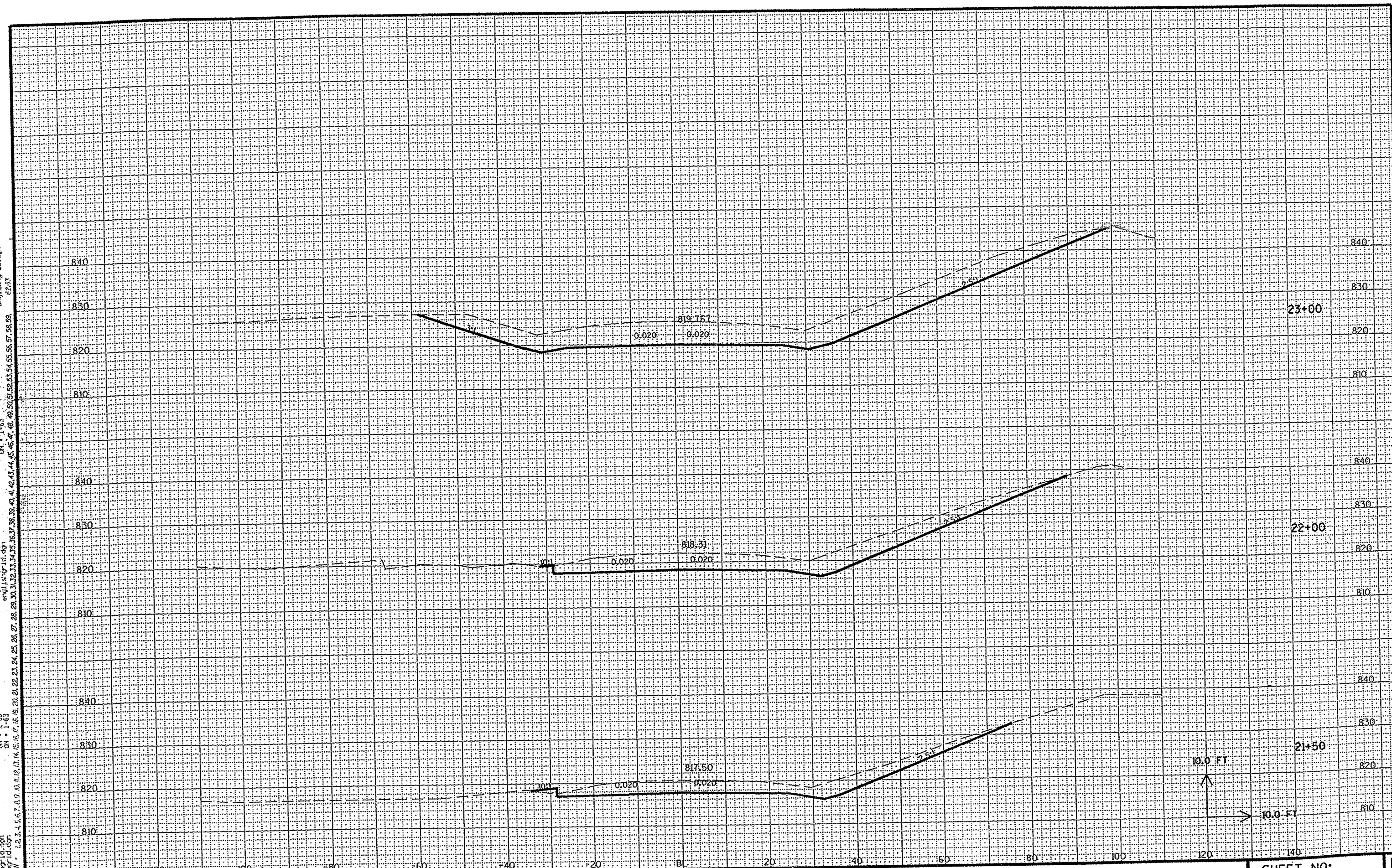
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LEVELS ON 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59



STATE PROJECT NO:

HWY: C.T.H. S

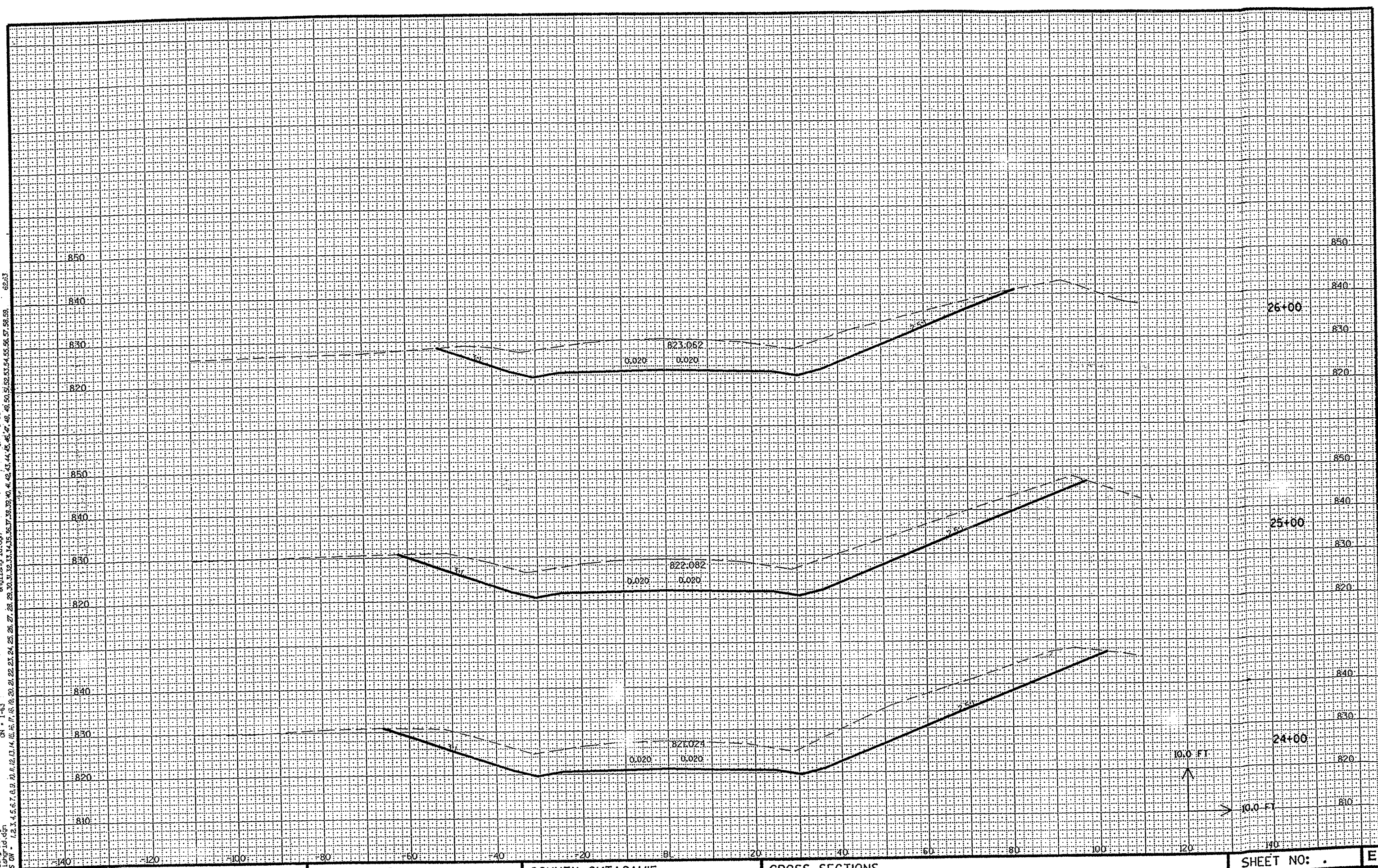
COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO: .

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STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO: .

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ON - 1-63
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ON - 1-63

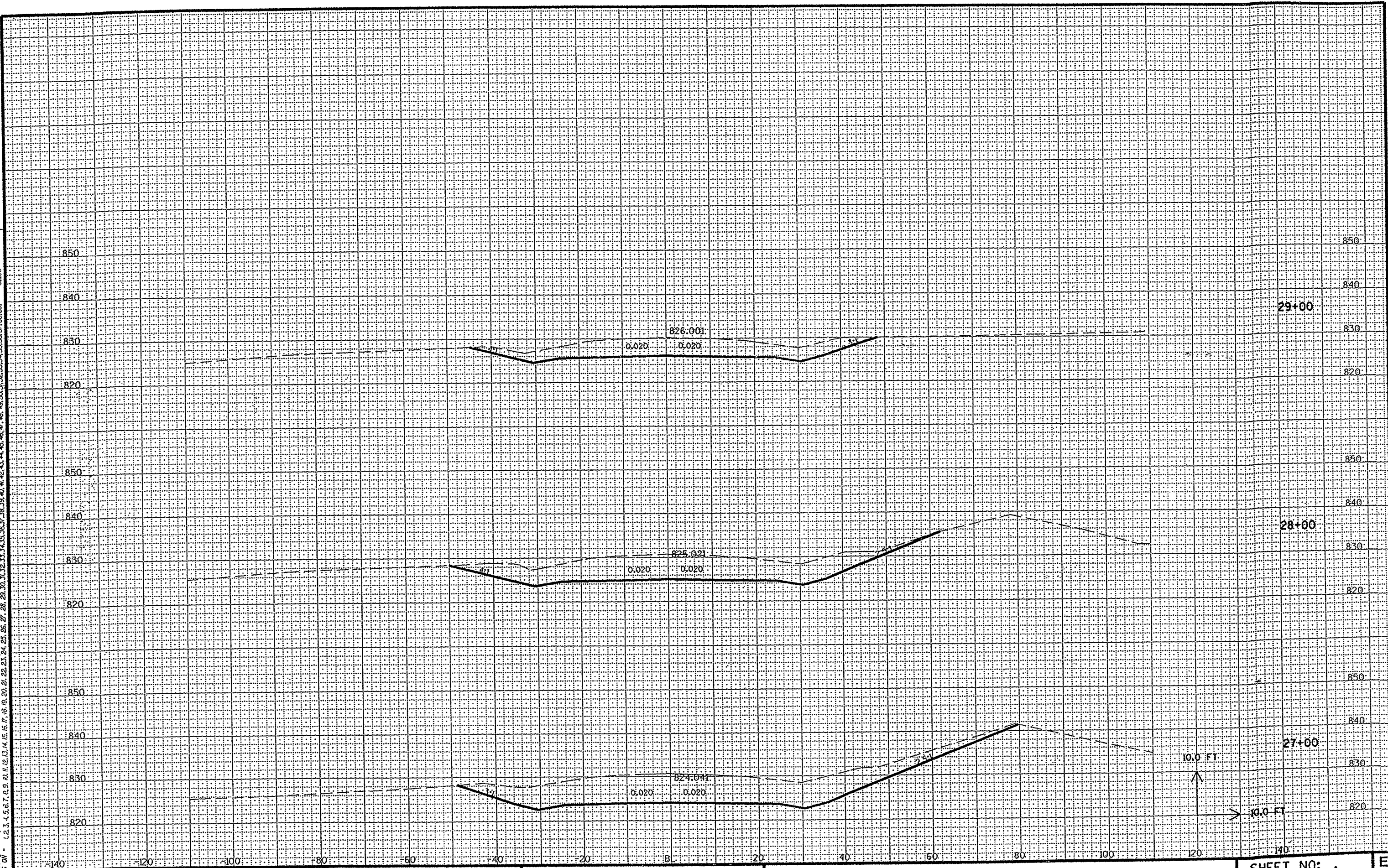
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ON - 1-63
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englevy.dgn



STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO: .

E

ON = 1-63
UN = 1-63
UN = 1-63
UN = 1-63

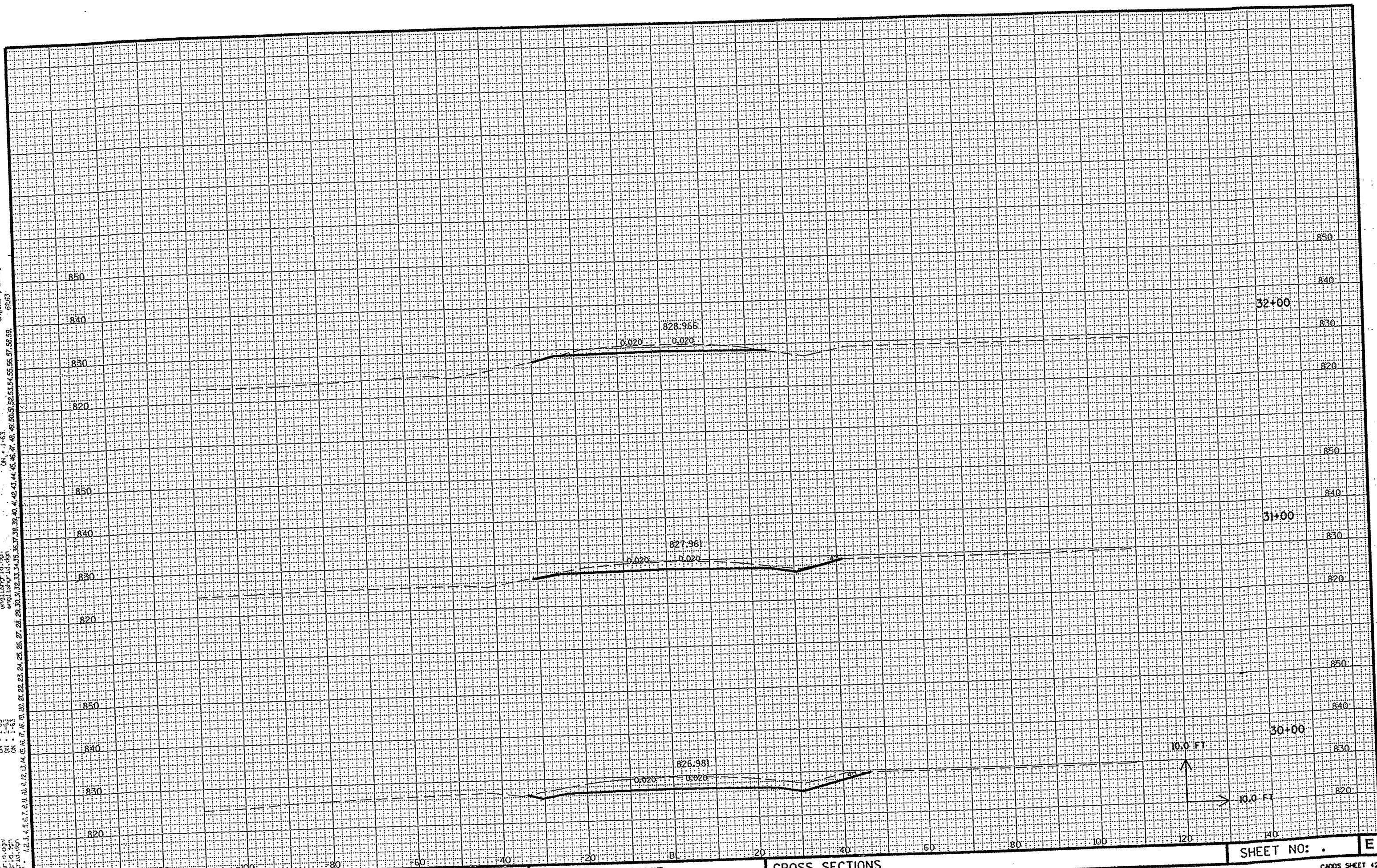
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UN = 1-63

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ON = 1-63
UN = 1-63
UN = 1-63
UN = 1-63

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STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAME

CROSS SECTIONS

SHEET NO: .

E

CROSS SHEET 42

DESIGN FILE IS L:\440387\XSEC.DGN

DGN LEVELS ON = 1-59.62.63

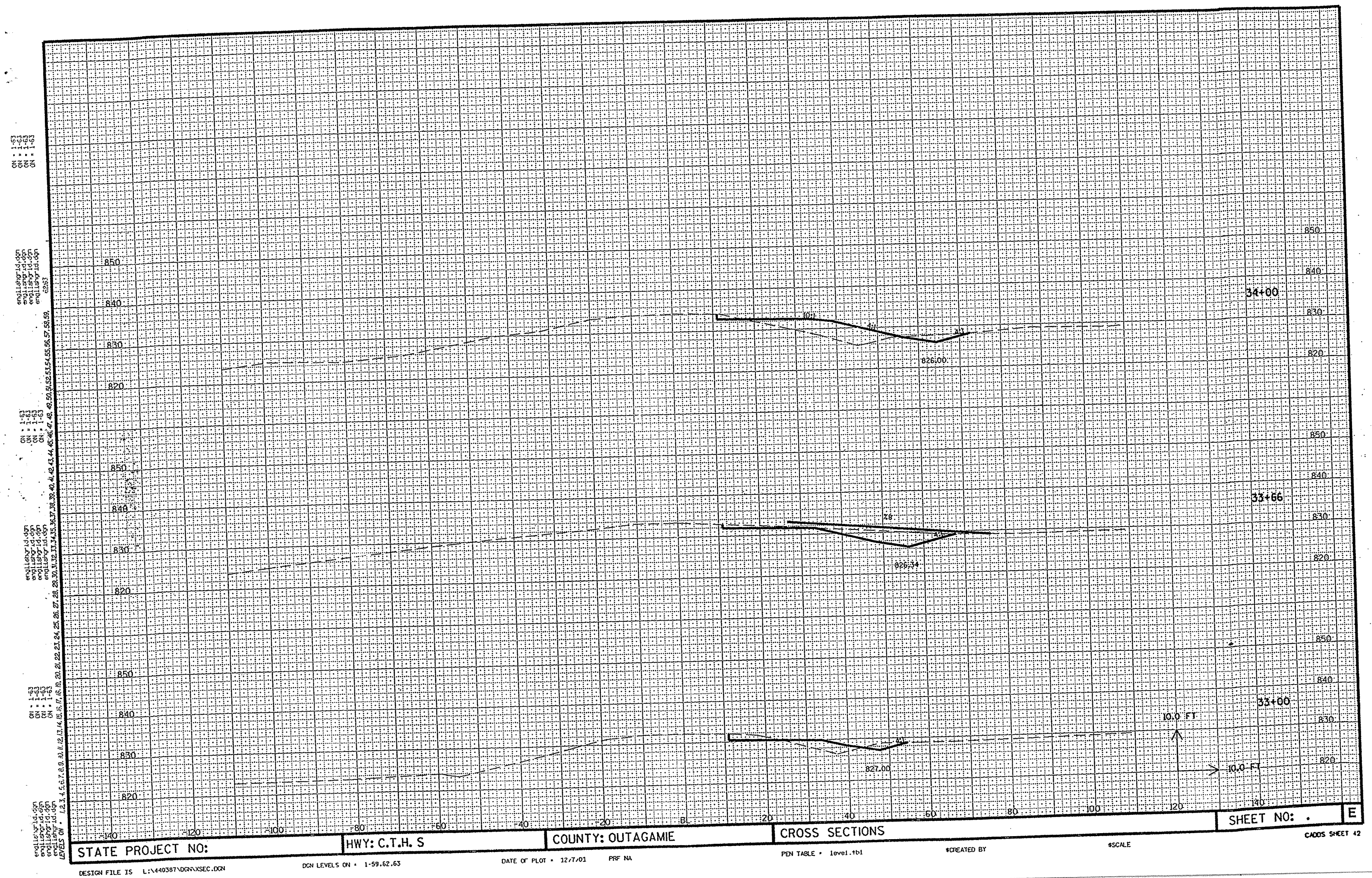
DATE OF PLOT = 12/7/01

PRF NA

PEN TABLE = level.tbl

\$CREATED BY

\$SCALE



ON - 1-63
UN - 1-63
CN - 1-63

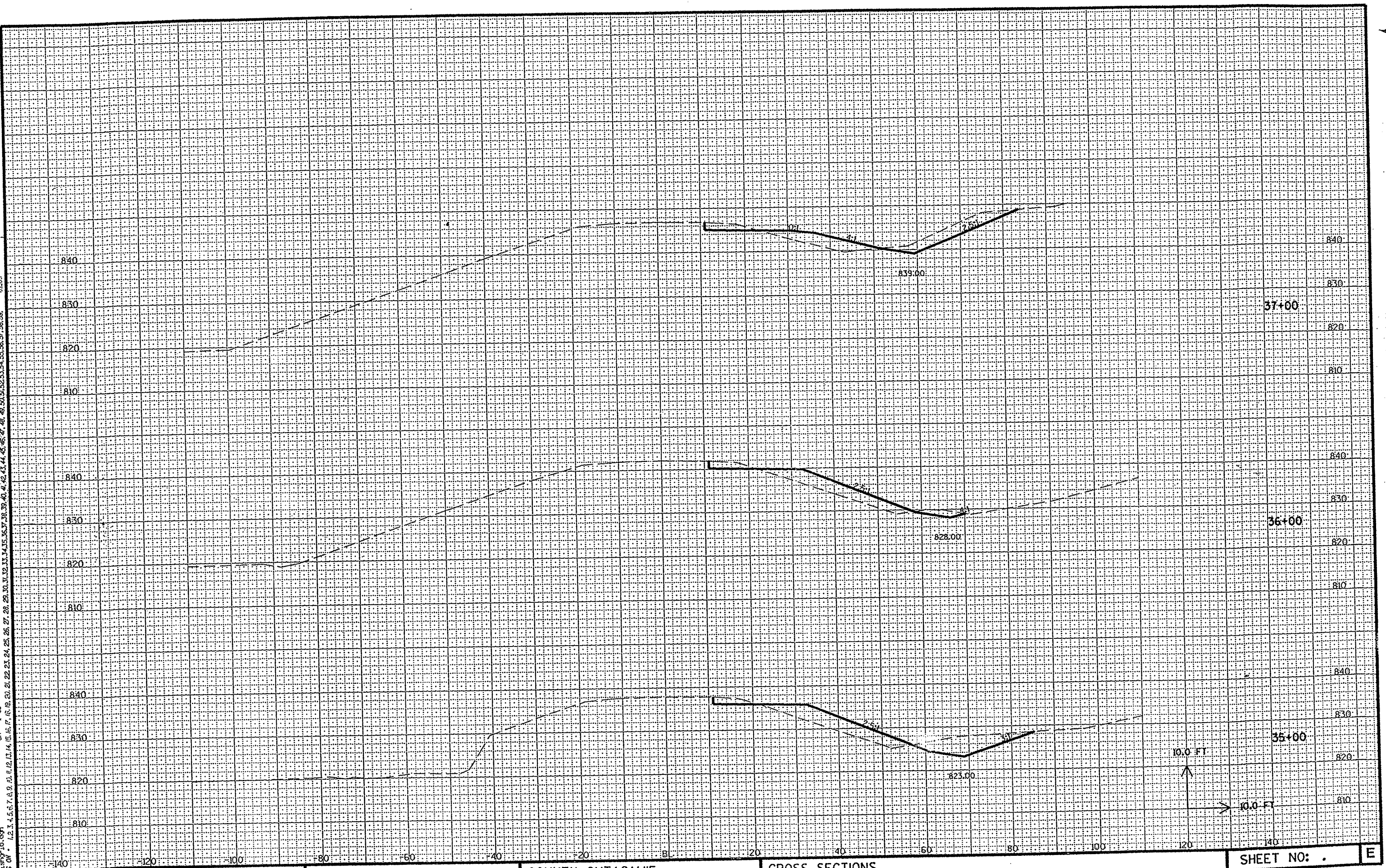
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endless id.dgn
endless id.dgn
endless id.dgn

ON - 1-63
UN - 1-63
CN - 1-63

endless id.dgn
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ON - 1-63
UN - 1-63
CN - 1-63

endless id.dgn
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STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO: .

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1-63
1-63
1-63
1-63

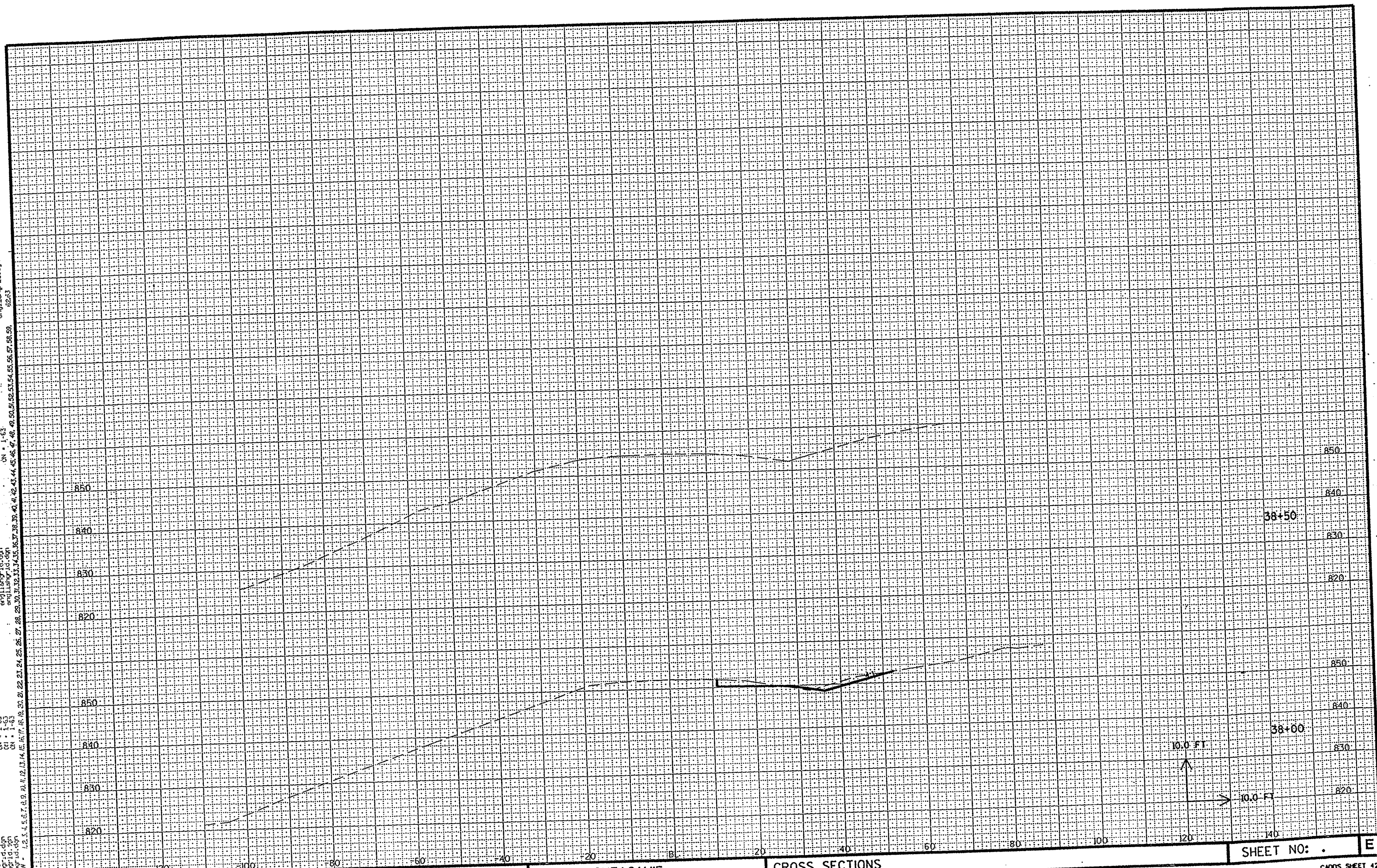
engldg1.dgn
engldg2.dgn
engldg3.dgn
engldg4.dgn

1-63
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engldg2.dgn
engldg3.dgn
engldg4.dgn

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engldg1.dgn
engldg2.dgn
engldg3.dgn
engldg4.dgn



STATE PROJECT NO:

HWY: C.T.H. S

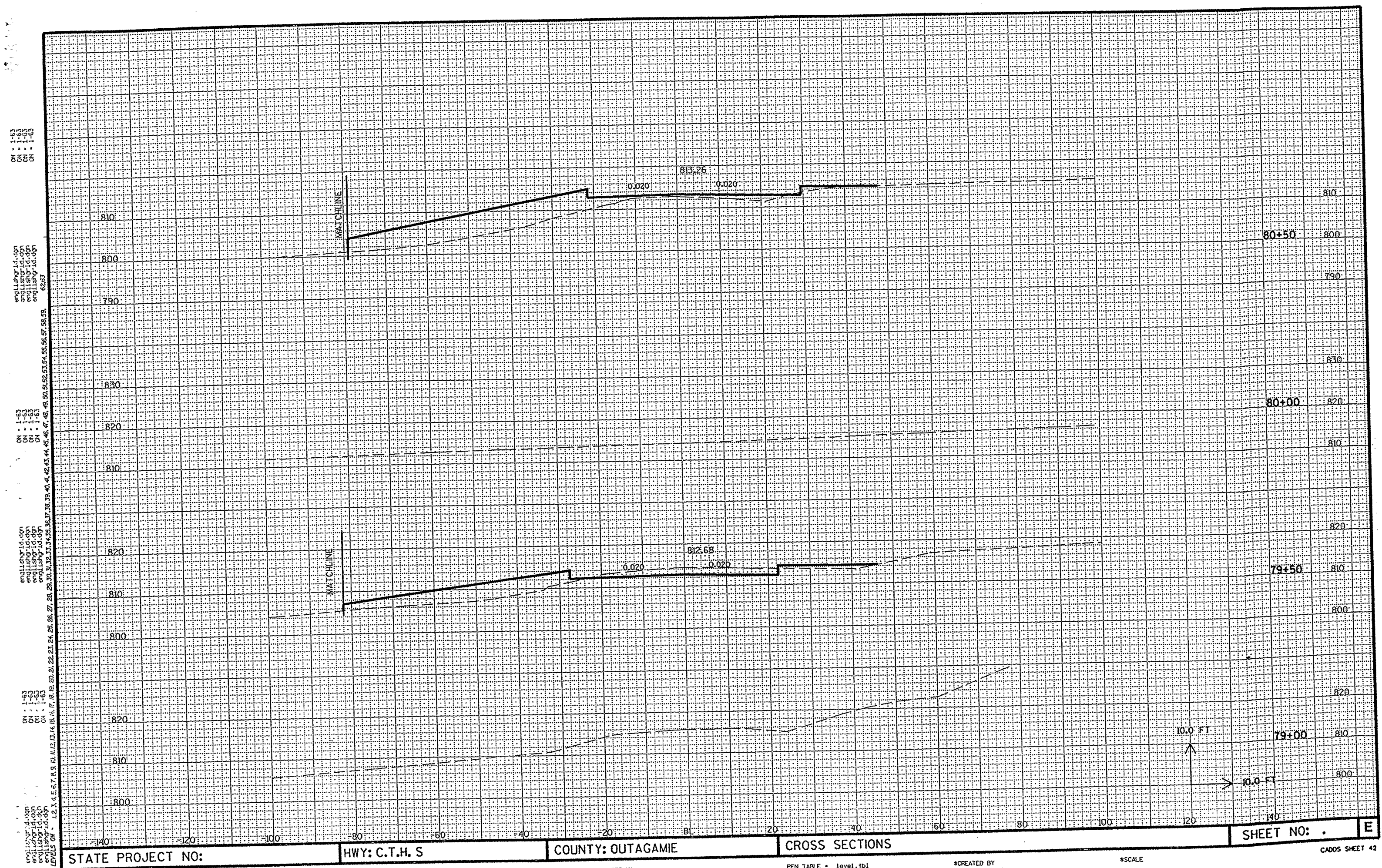
COUNTY: OUTAGAMIE

CROSS SECTIONS

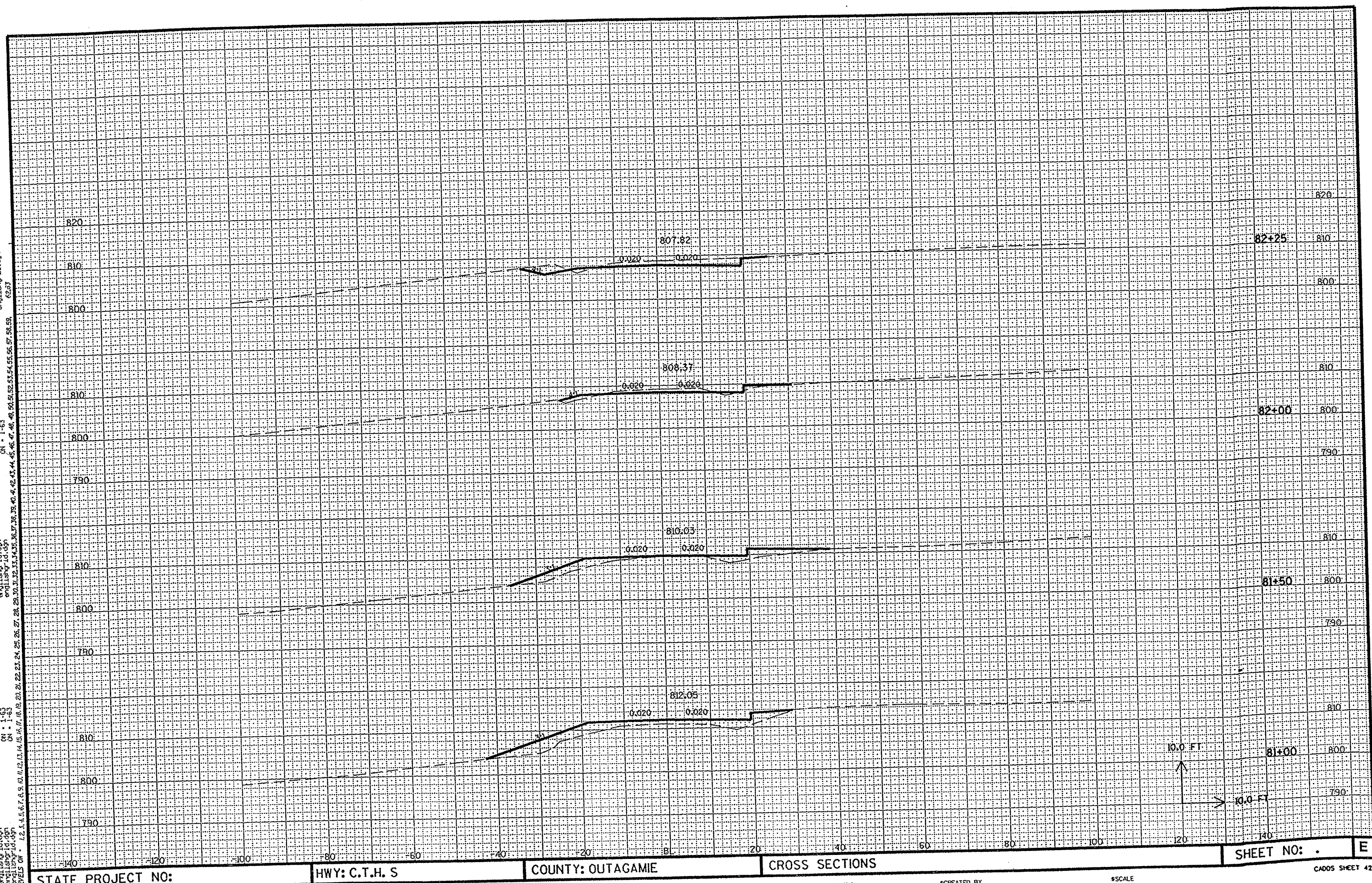
SHEET NO: .

E

CADD SHEET 42



uop' p1. d4s1 t6x
uop' p1. d4s1 t6x
uop' p1. d4s1 t6x



STATE PROJECT NO:

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CROSS SECTIONS

SHEET NO:

T

CADOS SHEET 42

DESIGN FILE IS L:\440387\DCN\xsec-kelly.DGN

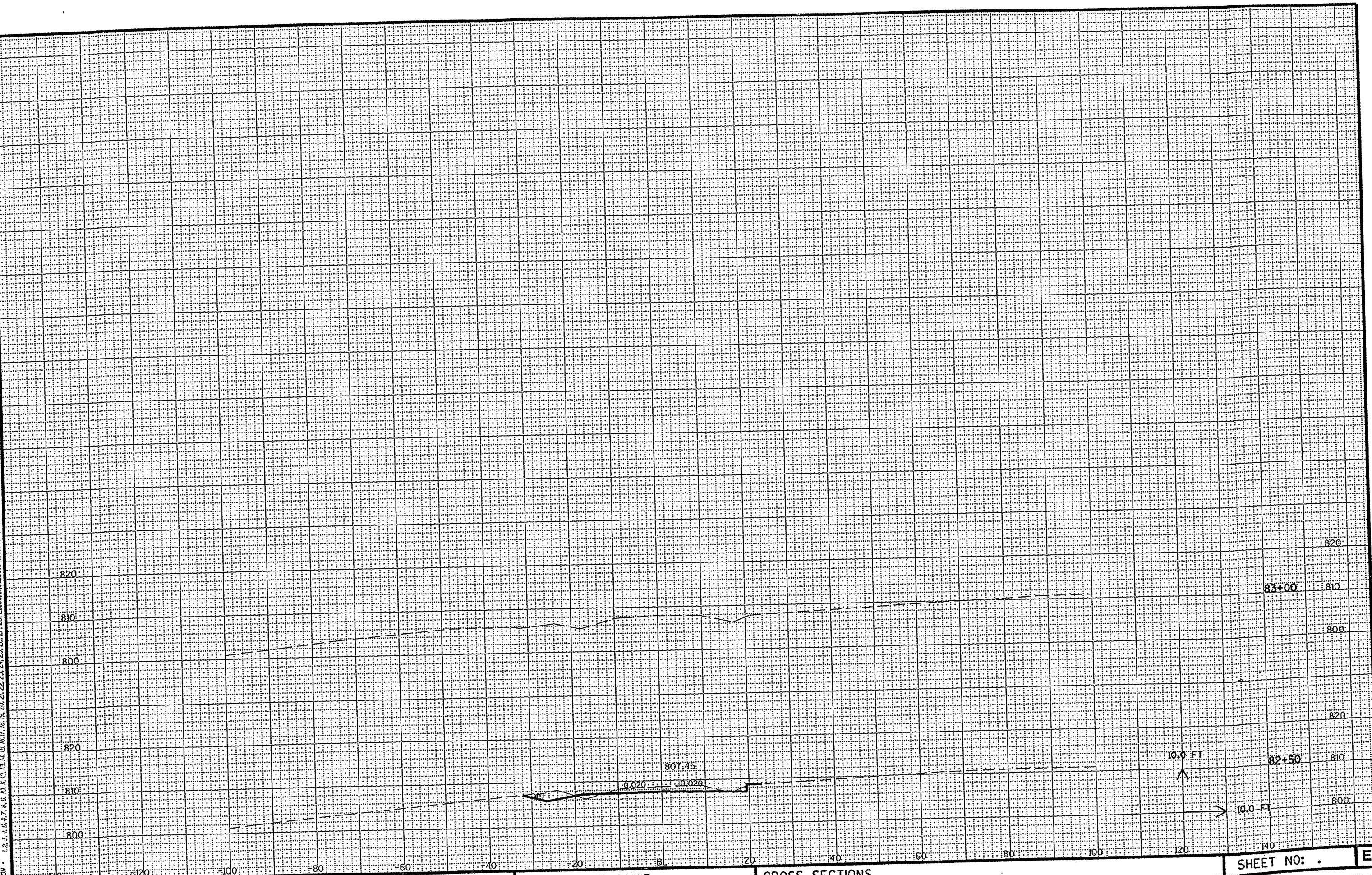
DGN LEVELS ON = 1-59,62,63

DATE OF PLOT = 12/7/01 PRF NA

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4CREATED BY

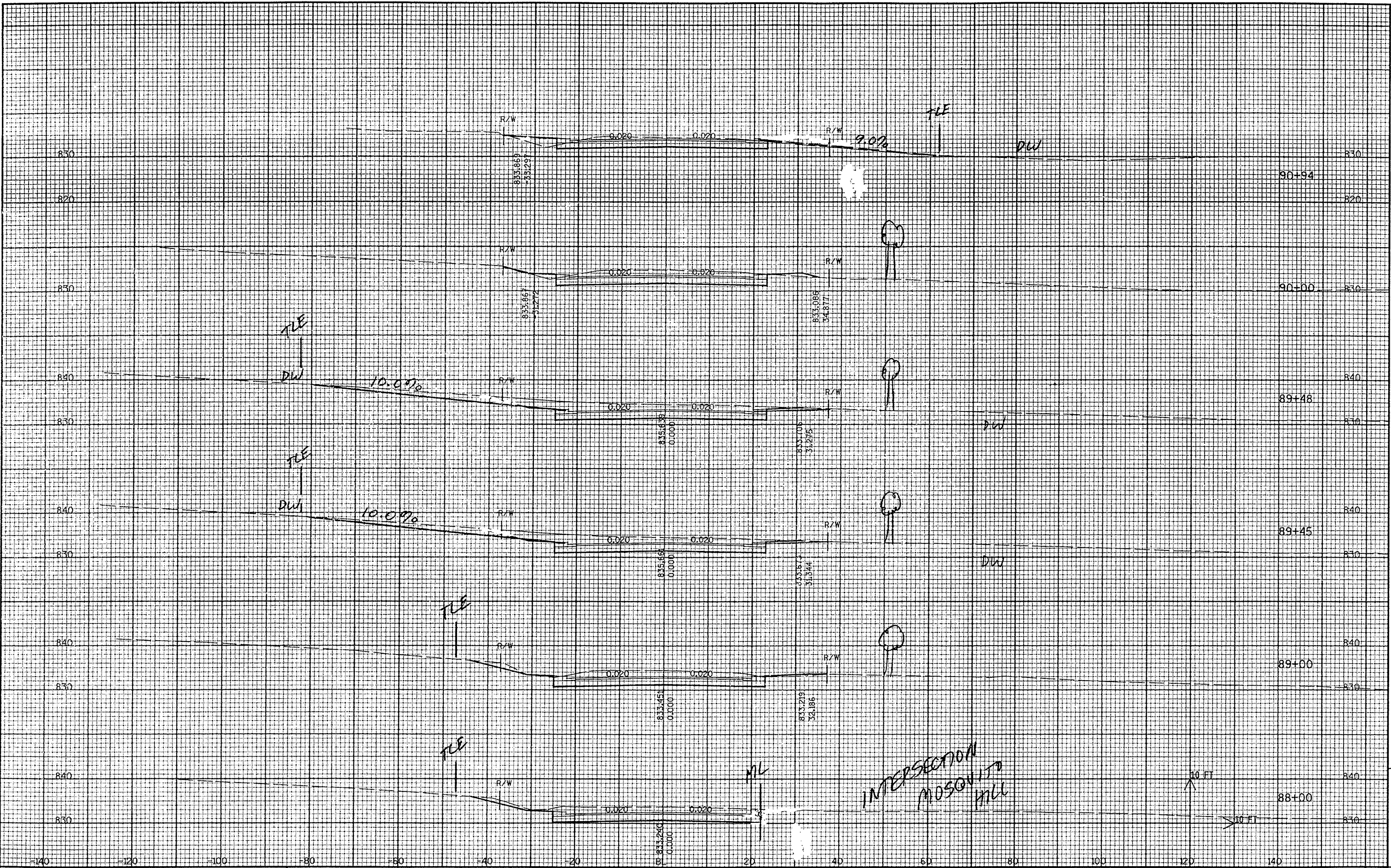
\$SCALE

[illegible]

STATE PROJECT NO:	HWY: C.T.H. S	COUNTY: OUTAGAMIE	CROSS SECTIONS	CADD SHEET 4
DATE OF PLOT: 12-7-01	PRF NA	PEN TABLE: 1eavl.tbl	\$CREATED BY	\$SCALE

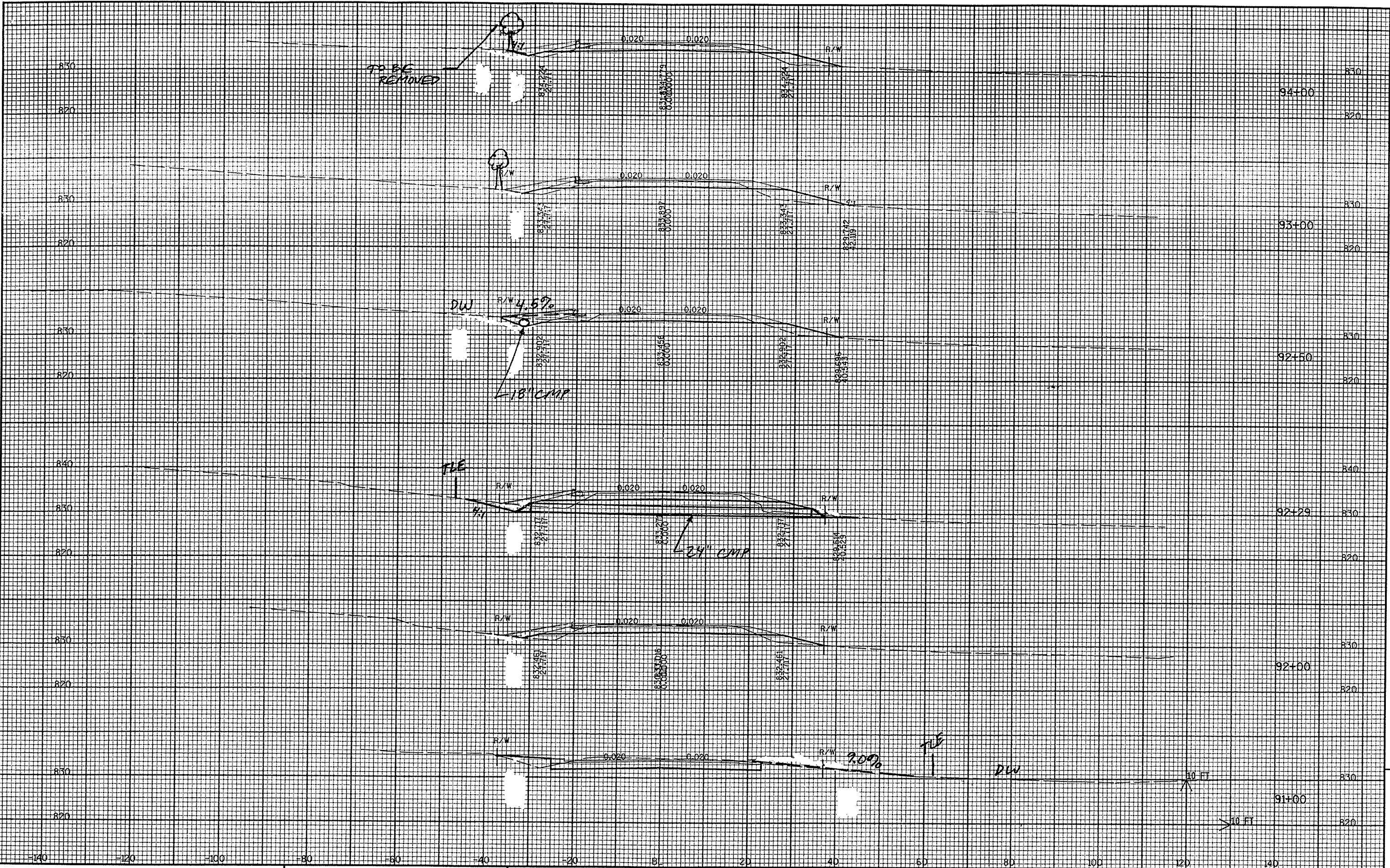
DESIGN FILE IS L:\440387\NDRN\seec-kelly.DGN DGN LEVELS ON = 1-59,62,63 DATE OF PLOT = 12/7/92

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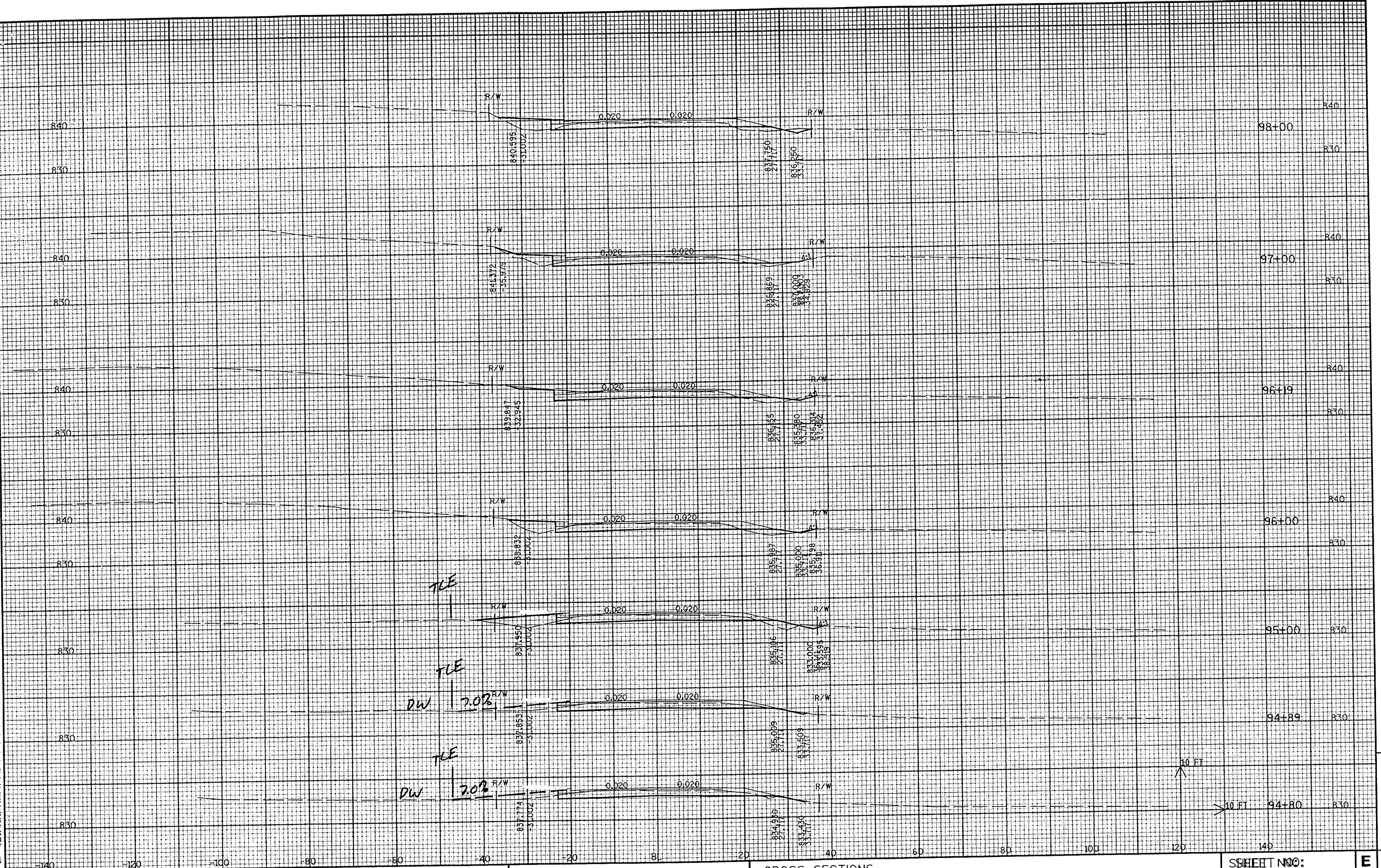


11-21-03

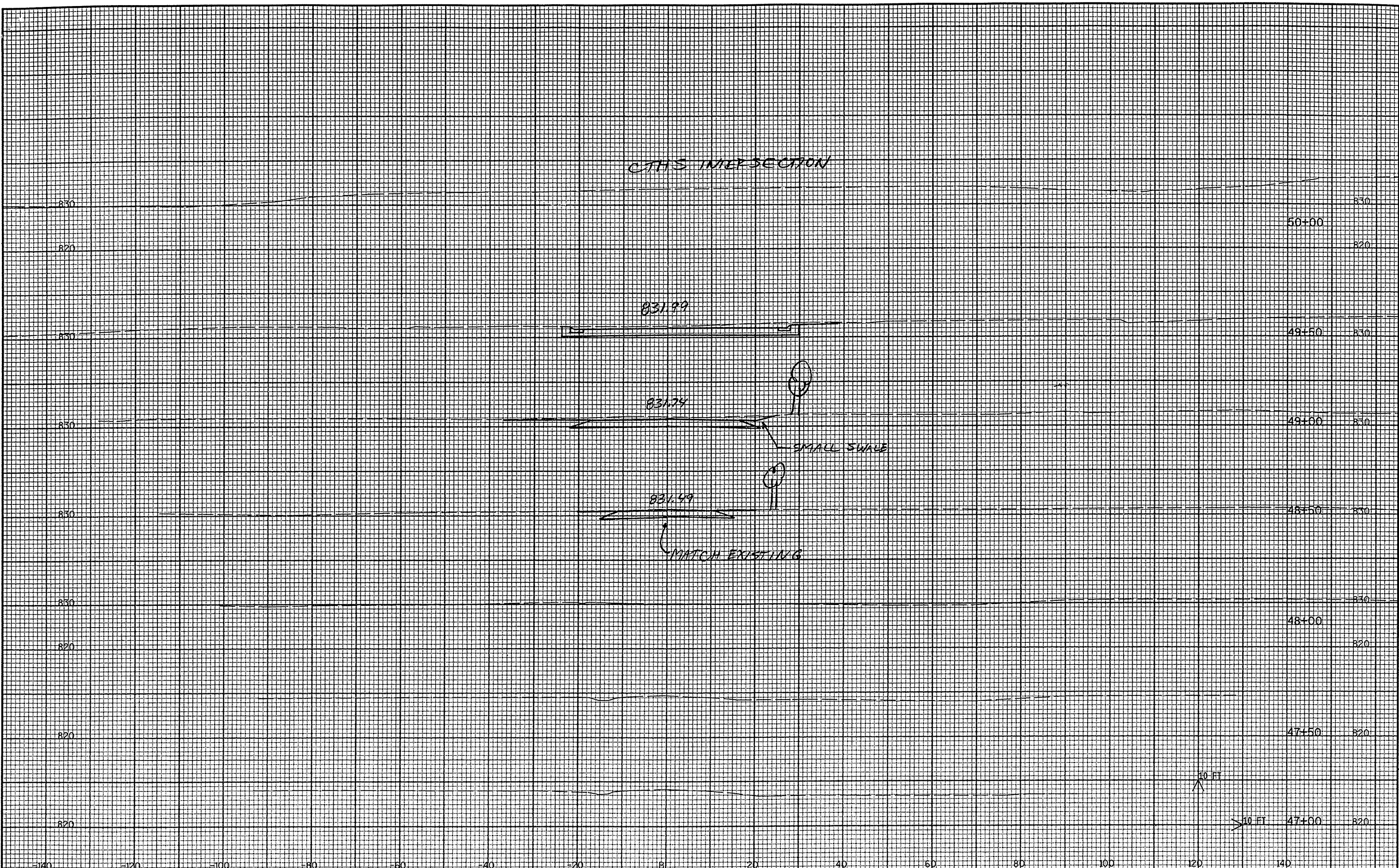
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LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62,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



PEN TABLE = #Plot+LASER+level.tbl
DATE OF PLOT = 3/27/02
DGN NA
DGN LEVELS ON = 1-63

PLOT NAME:
SCALE:

DATE:
FILE NAME:

ORIGINATOR:
PROJECT NO.

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

Conventional Signs and Abbreviations

ABBREVIATIONS

- STATE LINE
COUNTY LINE
TOWNSHIP & RANGE LINE
COUNTY LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
CORPORATE LIMITS
NO ACCESS (BY ACQUISITION)
TEMPORARY LIMITED EASEMENT
FENCE
BEAM GUARD
SLOPE INTERCEPTS
PERMANENT LIMITED EASEMENT
UNDERGROUND FACILITIES
(GAS, TELEPHONE,
ELECTRIC, ETC...)
NO ACCESS
(BY STATUTORY AUTHORITY)
LOT & TIE

- SECTION
CORNER
NOTATION FOR
COMBUSTIBLE
FLUIDS
CULVERT (BOX,
PIPE OR CATTLE
BRIDGE
STREAM OR
RIVER
CHANNEL CHANGE
LAKE
RAIL LINE
BUSHES
CEMETERY
FOUNDATION OR RUINS
BUILDING
BUILDING
SILO, MANHOLE, WELL,
VENT, SEPTIC TANK, ETC.
TREES (DECIDUOUS)
(CONIFEROUS)
IRON PIN/PIPE
POWER POLE
TELEPHONE POLE
TELEPHONE PEDESTAL
MONUMENTED R/W POINT
VALVE
TRANSMISSION TOWER
AND LINE
UNDERGROUND CABLE
MARKER
R/W POINT
R/W MONUMENT
WINDMILL
SIGN

- A.P. ACCESS POINT
AC. ACRES
AH. AHEAD
ALUM. ALUMINUM
ET.AL. AND OTHERS
BK. BACK
BIT. BITUMINOUS
C.M. CABLE MARKER
C. CENTERLINE
C.T.H. COUNTY TRUNK HIGHWAY
C.S.M. CERTIFIED SURVEY MAP
CONC. CONCRETE
COR. CORNER
CULV. CULVERT
D/B/O DOING BUSINESS AS
E. ELECTRIC
FDN. FOUNDATION
G. GARAGE
G.M. GAS MARKER
G.P. GAS PUMPS
HO. HOUSE
I.P. IRON PIPE
L.C. LAND CONTRACT
LT. LEFT
L. LENGTH OF CURVE
L.H.E. LIMITED HIGHWAY EASEMENT
L.C. LONG CHORD
L.C.B. LONG CHORD BEARING
MH. MANHOLE
MON. MONUMENT
O.L. OUTLOT
P. PAGE
P.K. PARKER-KALON
P.C. POINT OF CURVATURE
P.I. POINT OF INTERSECTION
P.T. POINT OF TANGENCY
P.L. PROPERTY LINE
R. RADIUS
R.R. RAILROAD
R. REFERENCE LINE
R.D.E. RESTRICTED DEVELOPMENT EASEMENT
RT. RIGHT
R/W RIGHT OF WAY
SEC. SECTION
S. SHED
S.T.H. STATE TRUNK HIGHWAY
STA. STATION
T. TANGENT LENGTH OF CURVE
TAV. TAVERN
T.L.E. TEMPORARY LIMITED EASEMENT
U.S.H. UNITED STATES HIGHWAY
W. WALL

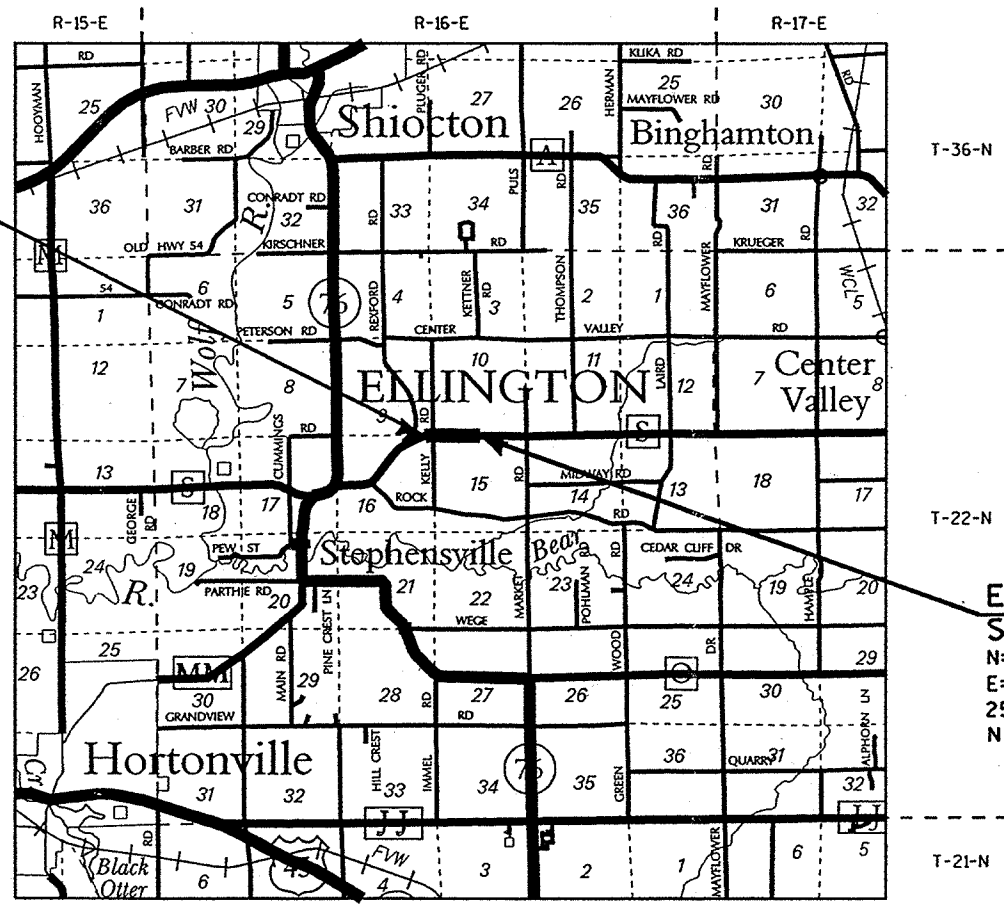
R/W PROJECT NUMBER
SHEET NUMBER
TOTAL SHEETS
FEDERAL PROJECT NUMBER
PLAT OF RIGHT OF WAY REQUIRED FOR
S.T.H. 76 - C.T.H. A
C.T.H. S & KELLY RD. INTERSECTION
C.T.H. S
OUTAGAMIE COUNTY

APR 29 2002

BEGIN RELOCATION ORDER
STA. 15+61.30
N=9950.37
E=9549.51
24.25' S. AND 465.22' W. OF
SE COR. SEC. 9, T22N, R16E

END RELOCATION ORDER
STA. 38+00.00
N=9902.83
E=11884.91
25.22' N. AND 874.74' W. OF
N. 1/4 COR. SEC. 15, T22N, R16E

NOTES
COORDINATES AND BEARINGS ARE ASSUMED.
BEARINGS ARE BASED ON THE SOUTH LINE OF THE
SOUTHEAST QUARTER, SECTION 9, T22N, R16E BEARING
S88°37'25"E.
RIGHT OF WAY MONUMENTS ARE TYPE 2 (5/8" X 24" REINFORCEMENT
BAR WEIGHING 1.04LB./FT.) AND ARE PLACED PRIOR TO OR AT THE
TIME OF LAND TITLE TRANSFER.
DIMENSIONING FOR THE NEW R/W IS MEASURED ALONG AND
PERPENDICULAR TO THE NEW REFERENCE LINES.
GOVERNMENTAL LAND LINE AND REFERENCE LINE ARE
COINCIDENTAL.
RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE
PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC
LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.



LAYOUT
SCALE
TOTAL NET LENGTH OF RELOCATION ORDER = 0.424 MILES

ACCEPTED FOR OUTAGAMIE COUNTY
COUNTY HIGHWAY COMMISSIONER
DATE
PLAT PREPARED BY
AYRES ASSOCIATES
Engineers/Architects
Scientists/Photogrammetrists
Owen Ayres & Associates Inc.
Green Bay, Wisconsin
THE SURVEY IS PREPARED AT THE REQUEST
OF THE OUTAGAMIE COUNTY HIGHWAY DEPARTMENT.
THE FIELD SURVEY WAS PERFORMED MAY OF 2001.
THIS SURVEY IS ACCURATE TO THE BEST
OF MY KNOWLEDGE AND BELIEF.
WISCONSIN
EVELYN L. FERNEDING
S-1669
EAU CLAIRE
WI
EVELYN L. FERNEDING, RLS
S-1669
DATE
A/09/02

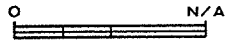
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DGN LEVELS ON = 1-62

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.

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 ABUTTING TO THE AREA TO BE ACQUIRED.

PARCEL NO.	SHEET NO.	OWNERSHIP	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES			TOTAL ACRES REMAINING	T.I. ACRES (TEMP.)	HIGHWAY EASEMENT (AC.)
					NEW	EXISTING	TOTAL			
1	4.3	KENNETH E. AND JILLENE M. DORN	FEE	33.35	0.35	0.66	1.01	33.34	-----	-----
2	4.3	WISCONSIN ELECTRIC POWER COMPANY	FEE	6.69	0.11	-----	0.11	6.58	-----	-----
3	4.3	JEROME SCHROTH-LAND CONTRACT PURCHASER ELMER J. AND MARCELLA SCHROTH-LAND CONTRACT-VENDOR	FEE	28.06	0.18	0.27	0.45	27.61	-----	-----
4	4.3,4.4	DAVID L. NELSON	FEE AND T.I.E.	39.59	0.26	0.82	1.08	38.51	0.24	-----
5	4.3,4.4	NILES E. AND DELILA M. KETTNER	FEE	76.17	1.09	2.71	3.80	72.37	-----	-----
6	4.3	WISCONSIN ELECTRIC POWER COMPANY	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----

REVISION DATE	DATE 04-09-2002	SCALE, FEET 	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
	COUNTY: OUTAGAME		STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 2	

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PARCEL 1

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
292	9986.13	9535.58
PC C5	10019.12	9536.37
PT C5	10048.22	9922.32
283	10047.62	9937.83
305	10080.99	9973.56
301	10276.05	9980.64
402	10375.26	10004.11
400	10374.37	10028.85

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-292	479.29'	N 88°37'25" W
292-PC C5	33.00'	N 01°22'35" E
PC C5-PT C5	387.04'	N 85°41'20" E
PT C5-283	15.53'	S 87°48'06" E
283-281	48.88'	N 46°57'24" E
281-301	195.19'	N 02°04'49" E
301-402	101.95'	N 13°18'32" E
402-400	24.75'	S 87°55'11" E
400-239	400.00'	S 02°01'24" W

PARCEL 4

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
323	9964.97	10287.58
299	9936.77	11085.74
266	9974.78	11087.08
189	10022.64	10588.55
197	10034.09	10290.23

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-323	273.02'	S 87°58'34" E
323-299	798.66'	S 87°58'34" E
299-266	38.04'	N 02°01'26" E
266-189	500.82'	N 84°30'59" W
189-197	298.55'	N 87°48'06" W
197-323	69.17'	S 02°11'46" W

PARCEL 2 AND 3

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
294	9984.69	9595.71
293	9918.12	9594.11
PC C2	9895.26	9742.36
PT C2	9898.33	9916.56
289	9897.21	9945.66
275	9824.63	10016.98

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-294	419.13'	N 88°37'25" W
294-293	66.58'	S 01°22'35" W
293-PC C2	150.00'	S 81°13'54" E
PC C2-PT C2	174.23'	N 88°59'28" E
PT C2-289	29.12'	S 87°48'06" E
289-275	101.75'	S 44°29'59" E
275-239	150.00'	N 00°51'45" W

PARCEL 5

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
318	9908.52	11885.13
317	9831.11	11882.16
183	9816.73	11781.53
182	9824.40	11581.68
187	9883.33	11211.96
194	9840.10	10781.69
200	9855.44	10381.99
202	9891.83	10085.78
275	9824.63	10016.98

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-318	1871.57'	S 87°58'34" E
318-317	77.47'	S 02°11'54" W
317-183	101.65'	S 81°52'04" W
183-182	200.00'	N 87°48'06" W
182-187	374.38'	N 80°56'38" W
187-194	432.44'	S 84°15'45" W
194-200	400.00'	N 87°48'06" W
200-202	298.43'	N 82°59'47" W
202-275	96.17'	S 45°40'28" W
275-239	150.00'	N 00°51'45" W

PARCEL 4 T.L.E.

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
323	9964.97	10287.58
199	9997.95	10288.84
313	10024.10	10289.84
312	10032.66	10066.87
308	10222.64	10073.77
404	10223.56	10048.29
214	10048.85	10042.11
203	10005.24	10082.62

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-323	273.02'	S 87°58'34" E
323-199	33.00'	N 02°11'46" E
199-313	26.17'	N 02°11'46" E
313-312	223.14'	N 87°48'06" W
312-308	190.10'	N 02°04'49" E
308-404	25.50'	N 87°55'11" W
404-214	174.82'	S 02°01'24" W
214-203	59.52'	S 42°53'17" E
203-199	206.35'	S 87°58'34" E

CURVE TABLE										
					P.C.		RADIUS		P.T.	
CURVE	L.C.B.	L.C.	L.	R.	N	E	N	E	N	E
C2	N 88°59'28"E	174.23'	174.32'	1557.02'	9895.26	9742.36	8342.45	9856.84	9898.33	9916.56
C5	N 85°41'20"E	387.04'	387.88'	1707.02'	10019.12	9536.37	8342.45	9856.84	10048.22	9922.32

REVISION DATE

DATE 04-09-2002

SCALE, FEET

0 N/A

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CONSTRUCTION PROJECT NUMBER

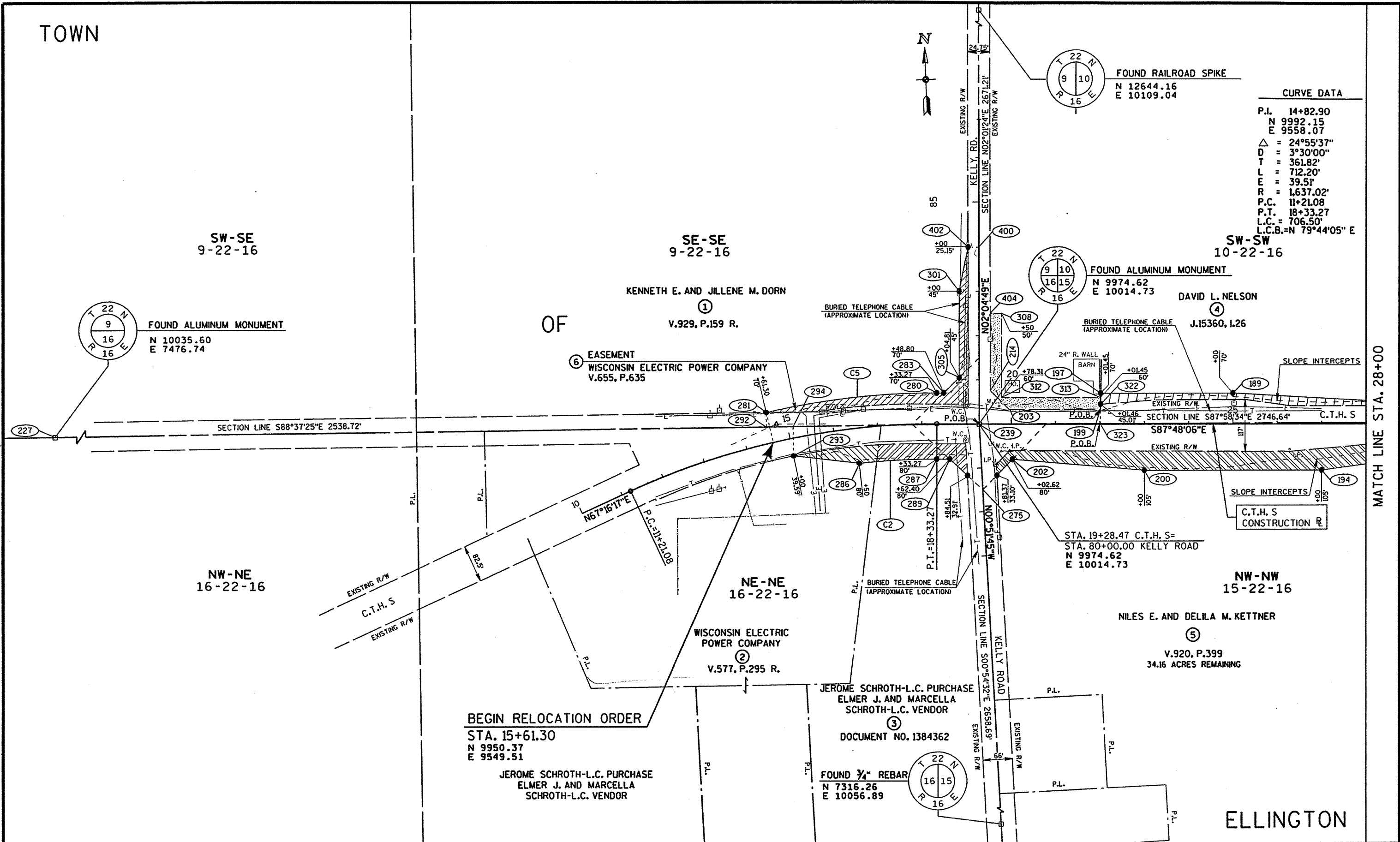
STATE R/W PROJECT NUMBER

PS&E SHEET NO: 4.

PLAT SHEET NO: 4. 3

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REVISION DATE	DATE 04-09-2002	SCALE, FEET 0 100 200	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
GRID FACTOR			COUNTY: OUTAGAMIE	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 4

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DGN LEVELS ON = 1-63

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TOWN

SW-SW
10-22-16

DAVID L. NELSON
④
J.15360, 1.26

SE-SW
10-22-16

FRANK L. AND JENNIFER E. CALABRESE
DOCUMENT NO. 1362568

ANTHONY W. GASCHLER
J.2490, 1.15

SW-SE
10-22-16

FOUND ALUMINUM MONUMENT
N 9877.61
E 12759.65

CURVE DATA

P.I. 46+75.02
N 9869.26
E 12759.28
Δ = 46+75.02
D = 00°15'00"
T = 219.82'
L = 439.62'
E = 1.05'
R = 22918.31'
P.C. 44+55.20
P.T. 48+94.82
L.C. = 439.61'
L.C.B. = S87°15'08"E



MATCH LINE STA. 28+00

SLOPE INTERCEPTS

266
299

SLOPE INTERCEPTS

187
182
183
317

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)

BURIED ELECTRIC LINE
(APPROXIMATE LOCATION)

EXISTING R/W

SECTION LINE S87°58'34"E 2746.64'

S87°48'06"E

EXISTING R/W

C.T.H.S
CONSTRUCTION R.

END RELOCATION ORDER
STA. 38+00.00
N 9902.83
E 11884.91

NILES E. AND DELILA M. KETTNER
⑤
V.920, P.399
38.21 ACRES REMAINING

34.16 ACRES REMAINING

NW-NW
15-22-16

NE-NW
15-22-16

NW-NE
15-22-16

ELLINGTON

REVISION DATE

DATE 04-09-2002

SCALE, FEET

0 100 200

GRID FACTOR

HWY: C.T.H.S

COUNTY: OUTAGAMIE

CONSTRUCTION PROJECT NUMBER

STATE R/W PROJECT NUMBER

PS&E SHEET NO: 4.

PLAT SHEET NO: 4. 5

DESIGN FILE IS 1:\440387\DGN\RW2.DGN

DATE OF PLOT = 4/19/02

PLOT NAME = P:\LASER17\rv2.prp

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\$SCALE

WISDOT/CADDs SHEET 75

Conventional Signs and Abbreviations

ABBREVIATIONS

STATE LINE	=====	SECTION CORNER	⊙
COUNTY LINE	=====		
TOWNSHIP & RANGE LINE	=====		
COUNTY LINE	=====		
QUARTER LINE	=====		
SIXTEENTH LINE	=====		
NEW REFERENCE LINE	=====	NOTATION FOR COMBUSTIBLE FLUIDS	10 15
NEW R/W LINE	=====		
EXISTING R/W LINE	=====	CULVERT (BOX, PIPE OR CATTLE	P.I.
PROPERTY LINE	=====	BRIDGE	(NAME)
CORPORATE LIMITS	=====	STREAM OR RIVER	(NAME)
NO ACCESS (BY ACQUISITION)	=====	CHANNEL CHANGE	(NAME)
TEMPORARY LIMITED EASEMENT	=====	LAKE	(NAME OR TYPE)
FENCE	=====		T
BEAM GUARD	=====		
SLOPE INTERCEPTS	=====	RAIL LINE	(NAME OR TYPE)
PERMANENT LIMITED EASEMENT	=====	BUSHES	(NAME OR TYPE)
UNDERGROUND FACILITIES	=====		
(GAS, TELEPHONE, ELECTRIC, ETC...)	=====		
NO ACCESS (BY STATUTORY AUTHORITY)	=====		
LOT & TIE	=====		

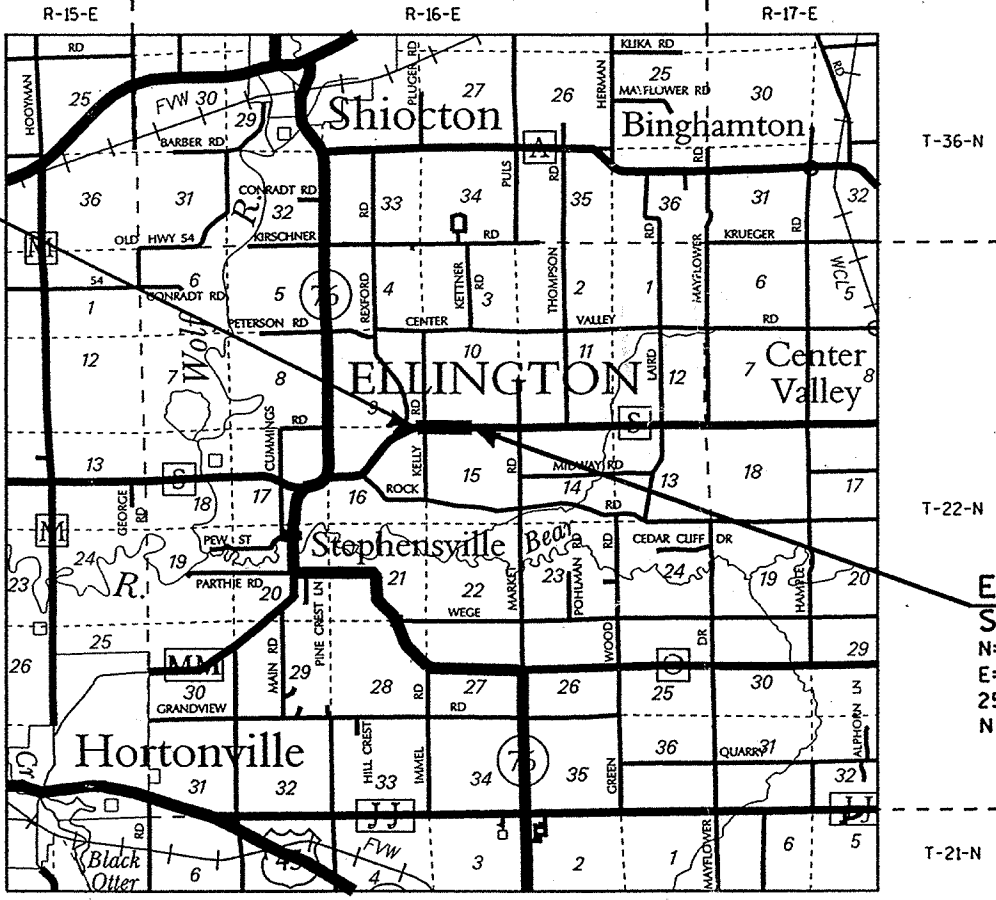
CEMETERY	⊙
FOUNDATION OR RUINS	⊙
BUILDING	⊙
BUILDING	⊙
SILO, MANHOLE, WELL, VENT, SEPTIC TANK, ETC.	⊙
TREES (DECIDUOUS)	⊙
(CONIFEROUS)	⊙
IRON PIN/PIPE	⊙
POWER POLE	⊙
TELEPHONE POLE	⊙
TELEPHONE PEDESTAL	⊙
MONUMENTED R/W POINT	⊙
VALVE	⊙
TRANSMISSION TOWER AND LINE	⊙
UNDERGROUND CABLE MARKER	⊙
R/W POINT	⊙
R/W MONUMENT	⊙
WINDMILL	⊙
SIGN	⊙

A.P.	ACCESS POINT	L.C.B.	LONG CHORD BEARING
AC.	ACRES	MH.	MANHOLE
AH.	AHEAD	MON.	MONUMENT
ALUM.	ALUMINUM	O.L.	OUTLOT
ET.AL.	AND OTHERS	P.	PAGE
BK.	BACK	P.K.	PARKER-KALON
BIT.	BITUMINOUS	P.C.	POINT OF CURVATURE
C.M.	CABLE MARKER	P.I.	POINT OF INTERSECTION
CL.	CENTERLINE	P.T.	POINT OF TANGENCY
C.T.H.	COUNTY TRUNK HIGHWAY	P.L.	PROPERTY LINE
C.S.M.	CERTIFIED SURVEY MAP	R.	RADIUS
CONC.	CONCRETE	R.R.	RAILROAD
COR.	CORNER	R.	REFERENCE LINE
CULV.	CULVERT	R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
d/b/o	DOING BUSINESS AS	RT.	RIGHT
E.	ELECTRIC	R/W	RIGHT OF WAY
FDN.	FOUNDATION	SEC.	SECTION
G.	GARAGE	S	SHED
G.M.	GAS MARKER	S.T.H.	STATE TRUNK HIGHWAY
G.P.	GAS PUMPS	STA.	STATION
HO.	HOUSE	T	TANGENT LENGTH OF CURVE
I.P.	IRON PIPE	TAV.	TAVERN
L.C.	LAND CONTRACT	T.L.E.	TEMPORARY LIMITED EASEMENT
LT.	LEFT	U.S.H.	UNITED STATES HIGHWAY
L	LENGTH OF CURVE	W.	WALL
L.H.E.	LIMITED HIGHWAY EASEMENT		
L.C.	LONG CHORD		

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT NUMBER	4.1	5
PLAT OF RIGHT OF WAY REQUIRED FOR S.T.H. 76 - C.T.H. A C.T.H. S & KELLY RD. INTERSECTION		
C.T.H. S OUTAGAMIE COUNTY		

APR 29 2002

BEGIN RELOCATION ORDER
STA. 15+61.30
N=9950.37
E=9549.51
24.25' S. AND 465.22' W. OF
SE COR. SEC. 9, T22N, R16E



END RELOCATION ORDER
STA. 38+00.00
N=9902.83
E=11884.91
25.22' N. AND 874.74' W. OF
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BEARINGS ARE BASED ON THE SOUTH LINE OF THE
SOUTHEAST QUARTER, SECTION 9, T22N, R16E BEARING
S88°37'25"E.
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PERPENDICULAR TO THE NEW REFERENCE LINES.
GOVERNMENTAL LAND LINE AND REFERENCE LINE ARE
COINCIDENTAL.
RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE
PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC
LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

ACCEPTED FOR OUTAGAMIE COUNTY

County Highway Commissioner: *Alvin Hunt* 4/15/02
DATE

PLAT PREPARED BY
AYRES ASSOCIATES Engineers/Architects
Scientists/Photogrammetrists
Owen Ayres & Associates Inc.
Green Bay, Wisconsin

THE SURVEY IS PREPARED AT THE REQUEST
OF THE OUTAGAMIE COUNTY HIGHWAY DEPARTMENT.
THE FIELD SURVEY WAS PERFORMED MAY OF 2001.

THIS SURVEY IS ACCURATE TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

WISCONSIN
EVELYN L. FERNEDING
S 1669
EAU CLAIRE
WI
SURVEYOR

REVISION DATE

Evelyn L. Ferneding 4/09/02
EVELYN L. FERNEDING, RLS S-1669 DATE

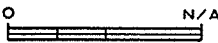
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DATE OF PLOT = 4/19/02
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DGN LEVELS ON = 1-62

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.

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 ABUTTING TO THE AREA TO BE ACQUIRED.

PARCEL NO.	SHEET NO.	OWNERSHIP	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES			TOTAL ACRES REMAINING	T.I. ACRES (TEMP.)	HIGHWAY EASEMENT (AC.)
					NEW	EXISTING	TOTAL			
1	4.3	KENNETH E. AND JILLENE M. DORN	FEE	33.35	0.35	0.66	1.01	33.34	-----	-----
2	4.3	WISCONSIN ELECTRIC POWER COMPANY	FEE	6.69	0.11	-----	0.11	6.58	-----	-----
3	4.3	JEROME SCHROTH-LAND CONTRACT PURCHASER ELMER J. AND MARCELLA SCHROTH-LAND CONTRACT-VENDOR	FEE	28.06	0.18	0.27	0.45	27.61	-----	-----
4	4.3,4.4	DAVID L. NELSON	FEE AND T.I.E.	39.59	0.26	0.82	1.08	38.51	0.24	-----
5	4.3,4.4	NILES E. AND DELILA M. KETTNER	FEE	76.17	1.09	2.71	3.80	72.37	-----	-----
6	4.3	WISCONSIN ELECTRIC POWER COMPANY	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----

REVISION DATE	DATE 04-09-2002	SCALE, FEET 	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.	
			COUNTY: OUTAGAMIE	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 2	

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PARCEL 1

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
292	9986.13	9535.58
PC C5	10019.12	9536.37
PT C5	10048.22	9922.32
283	10047.62	9937.83
305	10080.99	9973.56
301	10276.05	9980.64
402	10375.26	10004.11
400	10374.37	10028.85

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-292	479.29'	N 88°37'25" W
292-PC C5	33.00'	N 01°22'35" E
PC C5-PT C5	387.04'	N 85°41'20" E
PT C5-283	15.53'	S 87°48'06" E
283-281	48.88'	N 46°57'24" E
281-301	195.19'	N 02°04'49" E
301-402	101.95'	N 13°18'32" E
402-400	24.75'	S 87°55'11" E
400-239	400.00'	S 02°01'24" W

PARCEL 4

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
323	9964.97	10287.58
299	9936.77	11085.74
266	9974.78	11087.08
189	10022.64	10588.55
197	10034.09	10290.23

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-323	273.02'	S 87°58'34" E
323-299	798.66'	S 87°58'34" E
299-266	38.04'	N 02°01'26" E
266-189	500.82'	N 84°30'59" W
189-197	298.55'	N 87°48'06" W
197-323	69.17'	S 02°11'46" W

PARCEL 2 AND 3

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
294	9984.69	9595.71
293	9918.12	9594.11
PC C2	9895.26	9742.36
PT C2	9898.33	9916.56
289	9897.21	9945.66
275	9824.63	10016.98

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-294	419.13'	N 88°37'25" W
294-293	66.58'	S 01°22'35" W
293-PC C2	150.00'	S 81°13'54" E
PC C2-PT C2	174.23'	N 88°59'28" E
PT C2-289	29.12'	S 87°48'06" E
289-275	101.75'	S 44°29'59" E
275-239	150.00'	N 00°51'45" W

PARCEL 5

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
318	9908.52	11885.13
317	9831.11	11882.16
183	9816.73	11781.53
182	9824.40	11581.68
187	9883.33	11211.96
194	9840.10	10781.69
200	9855.44	10381.99
202	9891.83	10085.78
275	9824.63	10016.98

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-318	1871.57'	S 87°58'34" E
318-317	77.47'	S 02°11'54" W
317-183	101.65'	S 81°52'04" W
183-182	200.00'	N 87°48'06" W
182-187	374.38'	N 80°56'38" W
187-194	432.44'	S 84°15'45" W
194-200	400.00'	N 87°48'06" W
200-202	298.43'	N 82°59'47" W
202-275	96.17'	S 45°40'28" W
275-239	150.00'	N 00°51'45" W

PARCEL 4 T.L.E.

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
323	9964.97	10287.58
199	9997.95	10288.84
313	10024.10	10289.84
312	10032.66	10066.87
308	10222.64	10073.77
404	10223.56	10048.29
214	10048.85	10042.11
203	10005.24	10082.62

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-323	273.02'	S 87°58'34" E
323-199	33.00'	N 02°11'46" E
199-313	26.17'	N 02°11'46" E
313-312	223.14'	N 87°48'06" W
312-308	190.10'	N 02°04'49" E
308-404	25.50'	N 87°55'11" W
404-214	174.82'	S 02°01'24" W
214-203	59.52'	S 42°53'17" E
203-199	206.35'	S 87°58'34" E

CURVE TABLE										
CURVE	L.C.B.	L.C.	L.	R.	P.C.		RADIUS		P.T.	
					N	E	N	E	N	E
C2	N 88°59'28"E	174.23'	174.32'	1557.02'	9895.26	9742.36	8342.45	9856.84	9898.33	9916.56
C5	N 85°41'20"E	387.04'	387.88'	1707.02'	10019.12	9536.37	8342.45	9856.84	10048.22	9922.32

REVISION DATE

DATE 04-09-2002

SCALE, FEET

HWY: C.T.H. S

CONSTRUCTION PROJECT NUMBER

PS&E SHEET NO: 4.

GRID FACTOR

0 N/A

COUNTY: OUTAGAMIE

STATE R/W PROJECT NUMBER

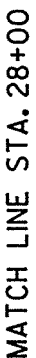
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REVISION DATE	DATE 04-09-2002	SCALE: FEET 	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.		
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TOWN

SW-SW
10-22-16

DAVID L. NELSON
④
J.15360, I.26

SE-SW
10-22-16

FRANK L. AND JENNIFER E. CALABRESE
DOCUMENT NO. 1362568

ANTHONY W. GASCHLER
J.2490, I.15

SW-SE
10-22-16

FOUND ALUMINUM MONUMENT
N 9877.61
E 12759.65

CURVE DATA

P.I. 46+75.02
N 9869.26
E 12759.28
Δ = 46+75.02
D = 00°15'00"
T = 219.82'
L = 439.62'
E = 1.05'
R = 22918.31'
P.C. 44+55.20
P.T. 48+94.82
L.C. = 439.61'
L.C.B. = S87°15'08"E



MATCH LINE STA. 28+00

SLOPE INTERCEPTS

266
299

SLOPE INTERCEPTS

187
182
183
317

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)
BURIED ELECTRIC LINE
(APPROXIMATE LOCATION)

EXISTING R/W
SECTION LINE S87°58'34"E 2746.64'
S87°48'06"E

C.T.H.S
CONSTRUCTION R

END RELOCATION ORDER
STA. 38+00.00
N 9902.83
E 11884.91

NILES E. AND DELILA M. KETTNER
⑤
V.920, P.399
38.21 ACRES REMAINING

OF

34.16 ACRES REMAINING

NW-NW
15-22-16

NE-NW
15-22-16

NW-NE
15-22-16

ELLINGTON

REVISION DATE

DATE 04-09-2002

SCALE, FEET

0 100 200

HWY: C.T.H.S

CONSTRUCTION PROJECT NUMBER

PS&E SHEET NO: 4.

GRID FACTOR

COUNTY: OUTAGAMIE

STATE R/W PROJECT NUMBER

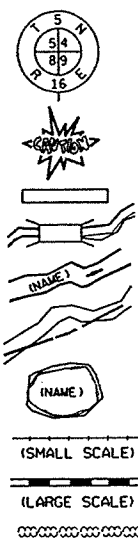
PLAT SHEET NO: 4. 5

Conventional Signs and Abbreviations

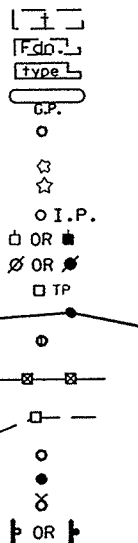
ABBREVIATIONS

STATE LINE
COUNTY LINE
TOWNSHIP & RANGE LINE
COUNTY LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
CORPORATE LIMITS
NO ACCESS (BY ACQUISITION)
TEMPORARY LIMITED EASEMENT
FENCE
BEAM GUARD
SLOPE INTERCEPTS
PERMANENT LIMITED EASEMENT
UNDERGROUND FACILITIES
(GAS, TELEPHONE,
ELECTRIC, ETC...)
NO ACCESS
(BY STATUTORY AUTHORITY)
LOT & TIE

SECTION
CORNER
NOTATION FOR
COMBUSTIBLE
FLUIDS
CULVERT (BOX,
PIPE OR CATTLE
BRIDGE
STREAM OR
RIVER
CHANNEL CHANGE
LAKE
RAIL LINE
BUSHES



CEMETERY
FOUNDATION OR RUINS
BUILDING
BUILDING
SILO, MANHOLE, WELL,
VENT, SEPTIC TANK, ETC.
TREES (DECIDUOUS)
(CONIFEROUS)
IRON PIN/PIPE
POWER POLE
TELEPHONE POLE
TELEPHONE PEDESTAL
MONUMENTED R/W POINT
VALVE
TRANSMISSION TOWER
AND LINE
UNDERGROUND CABLE
MARKER
R/W POINT
R/W MONUMENT
WINDMILL
SIGN



A.P. ACCESS POINT
AC. ACRES
AH. AHEAD
ALUM. ALUMINUM
ET. AL. AND OTHERS
BK. BACK
BIT. BITUMINOUS
C.M. CABLE MARKER
C. CENTERLINE
C.T.H. COUNTY TRUNK HIGHWAY
C.S.M. CERTIFIED SURVEY MAP
CONC. CONCRETE
COR. CORNER
CULV. CULVERT
d/b/o DOING BUSINESS AS
E. ELECTRIC
FDN. FOUNDATION
G. GARAGE
G.M. GAS MARKER
G.P. GAS PUMPS
HO. HOUSE
I.P. IRON PIPE
L.C. LAND CONTRACT
LT. LEFT
L. LENGTH OF CURVE
L.H.E. LIMITED HIGHWAY EASEMENT
L.C. LONG CHORD

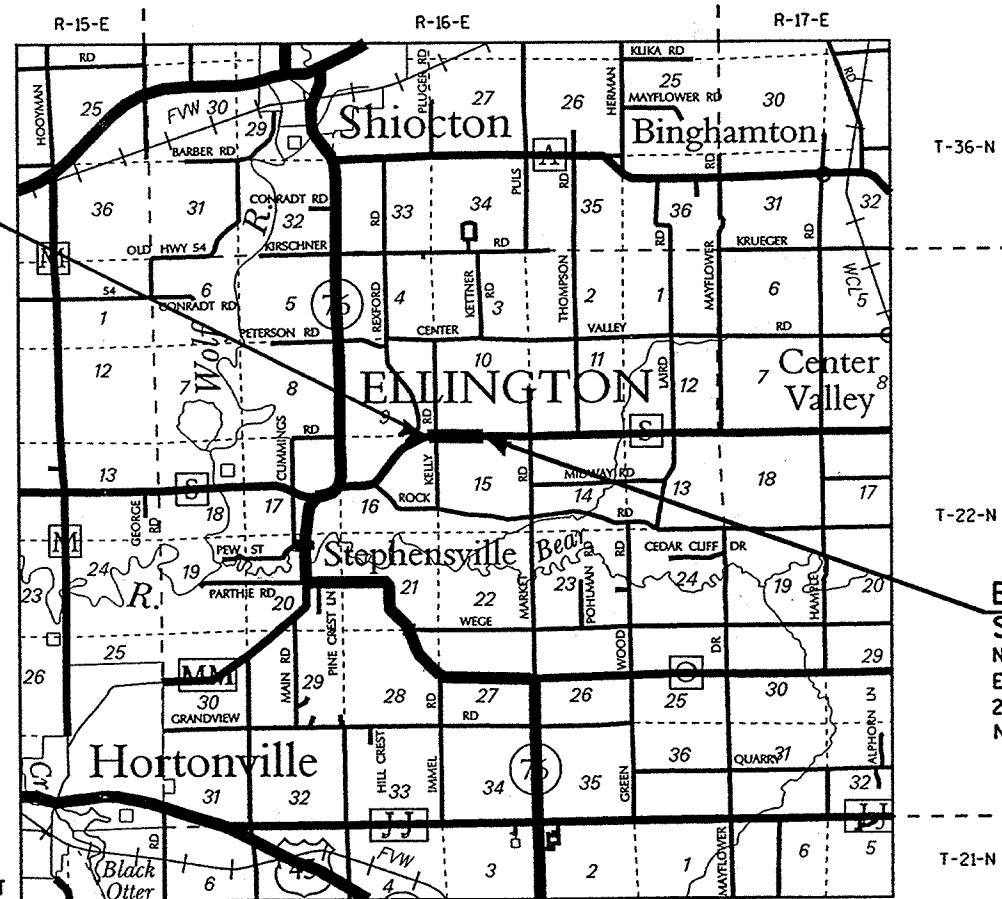
L.C.B. LONG CHORD BEARING
MH. MANHOLE
MON. MONUMENT
O.L. OUTLOT
P. PAGE
P.K. PARKER-KALON
P.C. POINT OF CURVATURE
P.I. POINT OF INTERSECTION
P.T. POINT OF TANGENCY
P.L. PROPERTY LINE
R. RADIUS
R.R. RAILROAD
R. REFERENCE LINE
R.D.E. RESTRICTED DEVELOPMENT EASEMENT
RT. RIGHT
R/W RIGHT OF WAY
SEC. SECTION
S. SHED
S.T.H. STATE TRUNK HIGHWAY
STA. STATION
T. TANGENT LENGTH OF CURVE
TAV. TAVERN
T.L.E. TEMPORARY LIMITED EASEMENT
U.S.H. UNITED STATES HIGHWAY
W. WALL

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT NUMBER	4.1	5
PLAT OF RIGHT OF WAY REQUIRED FOR S.T.H. 76 - C.T.H. A C.T.H. S & KELLY RD. INTERSECTION		
C.T.H. S OUTAGAMIE COUNTY		

APR 29 2002

BEGIN RELOCATION ORDER

STA. 15+61.30
N=9950.37
E=9549.51
24.25' S. AND 465.22' W. OF
SE COR. SEC. 9, T22N, R16E

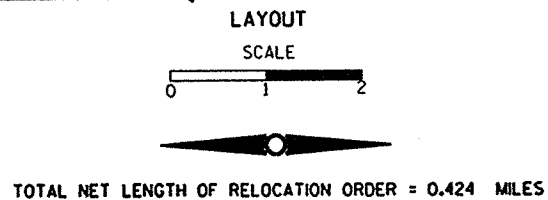


END RELOCATION ORDER

STA. 38+00.00
N=9902.83
E=11884.91
25.22' N. AND 874.74' W. OF
N. 1/4 COR. SEC. 15, T22N, R16E

NOTES

COORDINATES AND BEARINGS ARE ASSUMED.
BEARINGS ARE BASED ON THE SOUTH LINE OF THE
SOUTHEAST QUARTER, SECTION 9, T22N, R16E BEARING
S88°37'25"E.
RIGHT OF WAY MONUMENTS ARE TYPE 2 (5/8" X 24" REINFORCEMENT
BAR WEIGHING 1.04LB./FT.) AND ARE PLACED PRIOR TO OR AT THE
TIME OF LAND TITLE TRANSFER.
DIMENSIONING FOR THE NEW R/W IS MEASURED ALONG AND
PERPENDICULAR TO THE NEW REFERENCE LINES.
GOVERNMENTAL LAND LINE AND REFERENCE LINE ARE
COINCIDENTAL.
RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE
PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC
LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.



ACCEPTED FOR OUTAGAMIE COUNTY

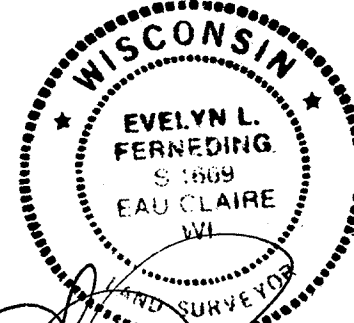
Alvin Gust 4/15/02
COUNTY HIGHWAY COMMISSIONER DATE

PLAT PREPARED BY

AYRES ENGINEERS/ARCHITECTS
ASSOCIATES SCIENTISTS/PHOTOGRAMMETRISTS
Drew Ayres & Associates Inc.
Green Bay, Wisconsin

THE SURVEY IS PREPARED AT THE REQUEST
OF THE OUTAGAMIE COUNTY HIGHWAY DEPARTMENT.
THE FIELD SURVEY WAS PERFORMED MAY OF 2001.

THIS SURVEY IS ACCURATE TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



Evelyn L. Ferneding 4/09/02
EVELYN L. FERNEDING, RLS S-1669 DATE

CB2
PEN TABLE = P:\Plot\LASER\level.tbl
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DGN LEVELS ON = 1-62

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

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 ABUTTING TO THE AREA TO BE ACQUIRED.

PARCEL NO.	SHEET NO.	OWNERSHIP	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES			TOTAL ACRES REMAINING	T.I. ACRES (TEMP.)	HIGHWAY EASEMENT (AC.)
					NEW	EXISTING	TOTAL			
1	4.3	KENNETH E. AND JILLENE M. DORN	FEE	33.35	0.35	0.66	1.01	33.34	-----	-----
2	4.3	WISCONSIN ELECTRIC POWER COMPANY	FEE	6.69	0.11	-----	0.11	6.58	-----	-----
3	4.3	JEROME SCHROTH-LAND CONTRACT PURCHASER ELMER J. AND MARCELLA SCHROTH-LAND CONTRACT-VENDOR	FEE	28.06	0.18	0.27	0.45	27.61	-----	-----
4	4.3,4.4	DAVID L. NELSON	FEE AND T.L.E.	39.59	0.26	0.82	1.08	38.51	0.24	-----
5	4.3,4.4	NILES E. AND DELILA M. KETTNER	FEE	76.17	1.09	2.71	3.80	72.37	-----	-----
6	4.3	WISCONSIN ELECTRIC POWER COMPANY	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----

CG2
PEN TABLE = \PLOT\LASER\level.tbl
DATE OF PLOT = 4/19/02
DGN NA
DGN LEVELS ON = 1-62

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

PARCEL 1

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
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PC C5	10019.12	9536.37
PT C5	10048.22	9922.32
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305	10080.99	9973.56
301	10276.05	9980.64
402	10375.26	10004.11
400	10374.37	10028.85

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-292	479.29'	N 88°37'25" W
292-PC C5	33.00'	N 01°22'35" E
PC C5-PT C5	387.04'	N 85°41'20" E
PT C5-283	15.53'	S 87°48'06" E
283-281	48.88'	N 46°57'24" E
281-301	195.19'	N 02°04'49" E
301-402	101.95'	N 13°18'32" E
402-400	24.75'	S 87°55'11" E
400-239	400.00'	S 02°01'24" W

PARCEL 4

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
323	9964.97	10287.58
299	9936.77	11085.74
266	9974.78	11087.08
189	10022.64	10588.55
197	10034.09	10290.23

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-323	273.02'	S 87°58'34" E
323-299	798.66'	S 87°58'34" E
299-266	38.04'	N 02°01'26" E
266-189	500.82'	N 84°30'59" W
189-197	298.55'	N 87°48'06" W
197-239	69.17'	S 02°11'46" W

PARCEL 2 AND 3

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
294	9984.69	9595.71
293	9918.12	9594.11
PC C2	9895.26	9742.36
PT C2	9898.33	9916.56
289	9897.21	9945.66
275	9824.63	10016.98

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COURSE	DISTANCE	BEARING
239-294	419.13'	N 88°37'25" W
294-293	66.58'	S 01°22'35" W
293-PC C2	150.00'	S 81°13'54" E
PC C2-PT C2	174.23'	N 88°59'28" E
PT C2-289	29.12'	S 87°48'06" E
289-275	101.75'	S 44°29'59" E
275-239	150.00'	N 00°51'45" W

PARCEL 5

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
318	9908.52	11885.13
317	9831.11	11882.16
183	9816.73	11781.53
182	9824.40	11581.68
187	9883.33	11211.96
194	9840.10	10781.69
200	9855.44	10381.99
202	9891.83	10085.78
275	9824.63	10016.98

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COURSE	DISTANCE	BEARING
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318-317	77.47'	S 02°11'54" W
317-183	101.65'	S 81°52'04" W
183-182	200.00'	N 87°48'06" W
182-187	374.38'	N 80°56'38" W
187-194	432.44'	S 84°15'45" W
194-200	400.00'	N 87°48'06" W
200-202	298.43'	N 82°59'47" W
202-275	96.17'	S 45°40'28" W
275-239	150.00'	N 00°51'45" W

PARCEL 4 T.L.E.

COORDINATES		
POINT NUMBER	N	E
239	9974.62	10014.73
323	9964.97	10287.58
199	9997.95	10288.84
313	10024.10	10289.84
312	10032.66	10066.87
308	10222.64	10073.77
404	10223.56	10048.29
214	10048.85	10042.11
203	10005.24	10082.62

COURSE TABLE		
COURSE	DISTANCE	BEARING
239-323	273.02'	S 87°58'34" E
323-199	33.00'	N 02°11'46" E
199-313	26.17'	N 02°11'46" E
313-312	223.14'	N 87°48'06" W
312-308	190.10'	N 02°04'49" E
308-404	25.50'	N 87°55'11" W
404-214	174.82'	S 02°01'24" W
214-203	59.52'	S 42°53'17" E
203-199	206.35'	S 87°58'34" E

CURVE TABLE										
CURVE	L.C.B.	L.C.	L.	R.	P.C.		RADIUS		P.T.	
					N	E	N	E	N	E
C2	N 88°59'28"E	174.23'	174.32'	1557.02'	9895.26	9742.36	8342.45	9856.84	9898.33	9916.56
C5	N 85°41'20"E	387.04'	387.88'	1707.02'	10019.12	9536.37	8342.45	9856.84	10048.22	9922.32

REVISION DATE	DATE 04-09-2002	SCALE, FEET 	HWY: C.T.H. S	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.	
	GRID FACTOR		COUNTY: OUTAGAMIE	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 3	

GB2
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DGN LEVELS ON = 1-63

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TOWN

SW-SE
9-22-16

SE-SE
9-22-16

SW-SW
10-22-16

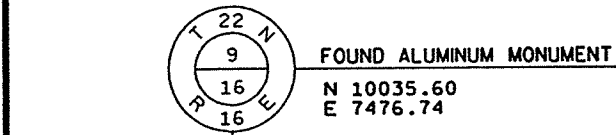
NW-NE
16-22-16

NE-NE
16-22-16

NW-NW
15-22-16

MATCH LINE STA. 28+00

ELLINGTON



SECTION LINE S88°37'25"E 2538.72'

EXISTING R/W
C.T.H.S
EXISTING R/W

BEGIN RELOCATION ORDER
STA. 15+61.30
N 9950.37
E 9549.51

JEROME SCHROTH-L.C. PURCHASE
ELMER J. AND MARCELLA
SCHROTH-L.C. VENDOR

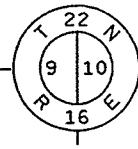
KENNETH E. AND JILLENE M. DORN
V.929, P.159 R.

EASEMENT
WISCONSIN ELECTRIC POWER COMPANY
V.655, P.635

WISCONSIN ELECTRIC
POWER COMPANY
V.577, P.295 R.

JEROME SCHROTH-L.C. PURCHASE
ELMER J. AND MARCELLA
SCHROTH-L.C. VENDOR
DOCUMENT NO. 1384362

FOUND 3/4" REBAR
N 7316.26
E 10056.89



FOUND RAILROAD SPIKE
N 12644.16
E 10109.04

CURVE DATA
P.I. 14+82.90
N 9992.15
E 9558.07
Δ = 24°55'37"
D = 3°30'00"
T = 361.82'
L = 712.20'
E = 39.51'
R = 1,637.02'
P.C. 11+21.08
P.T. 18+33.27
L.C. = 706.50'
L.C.B. = N 79°44'05" E

FOUND ALUMINUM MONUMENT
N 9974.62
E 10014.73

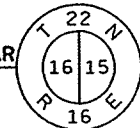
DAVID L. NELSON
J.15360, I.26

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)

SECTION LINE S87°58'34"E 2746.64'

STA. 19+28.47 C.T.H.S.
STA. 80+00.00 KELLY ROAD
N 9974.62
E 10014.73

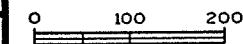
NILES E. AND DELILA M. KETTNER
V.920, P.399
34.16 ACRES REMAINING



REVISION DATE

DATE 04-09-2002

SCALE, FEET



HWY: C.T.H.S

COUNTY: OUTAGAMIE

CONSTRUCTION PROJECT NUMBER

STATE R/W PROJECT NUMBER

PS&E SHEET NO: 4.

PLAT SHEET NO: 4. 4

58.59.60.61.62.63

P.I. 46+75.02
N 9869.26
E 12759.28
Δ = 46+75.02
D = 00°15'00"
T = 219.82'
L = 439.62'
E = 1.05'
R = 22918.31'
P.C. 44+55.20
P.T. 48+94.82
L.C. = 439.61'
L.C.B. = S87°15'08"E

DAVID L. NELSON
④
J.15360, I.26

FRANK L. AND JENNIFER E. CALABRESE
DOCUMENT NO. 1362568

SW-SE
10-22-16

FOUND ALUMINUM MONUMENT
N 9877.61
E 12759.65

MATCH LINE STA. 28+00

SLOPE INTERCEPTS

266

299

SLOPE INTERCEPTS

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)
BURIED ELECTRIC
(APPROXIMATE LOCATION)

EXISTING R/W

S87°48'06"E

EXISTING R/W

C.T.H. S
CONSTRUCTION R

END RELOCATION ORDER
STA. 38+00.00
N 9902.83
E 11884.91

NILES E. AND DELILA M. KETTNER
 (5)
 V.920, P.399
 38.21 ACRES REMAINING

OF

34.16 ACRES REMAINING

NW-NW
15-22-16

NE-NW
15-22-16

NW-NE
15-22-16

ELLINGTON

REVISION DATE

DATE 04-09-2002

GRID FACTOR

SCALE, FEET

HWY: C.T.H. S

COUNTY: OUTAGAMIE

CONSTRUCTION PROJECT NUMBER

STATE R/W PROJECT NUMBER

PS&E SHEET NO: 4.

PLAT SHEET NO: 4. 5

DESIGN FILE IS I:\440387\DGN\RW2.DGN

DATE OF PLOT - 4/19/02

PLOT NAME = P:\LASER17\vw2.prf

PEN TABLE = \Plot\LASER\level.tbl

\$USER

\$SCALE

WISDOT/CADDS SHEET 75