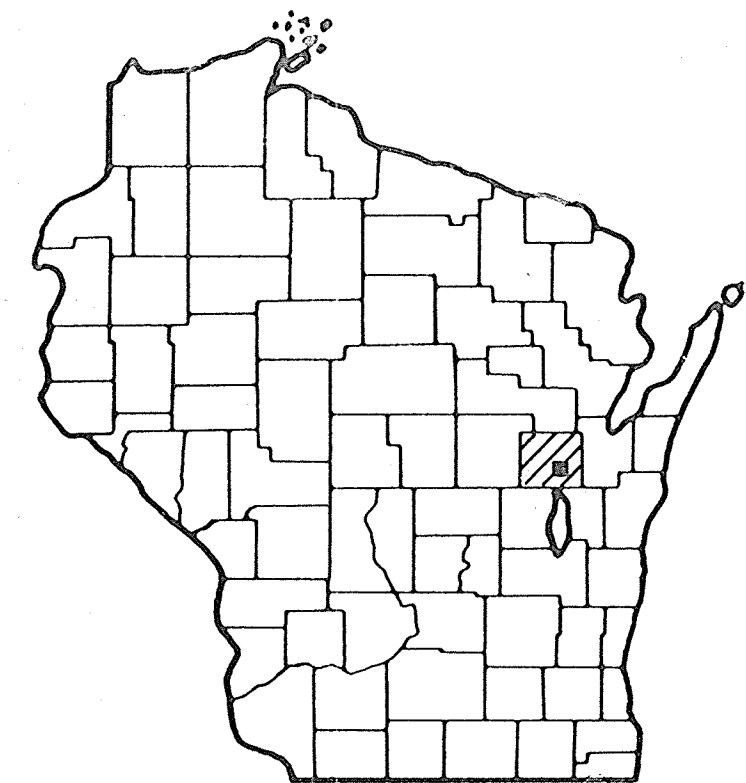


Index of Sheets

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

TOTAL SHEETS =



Design Designation
 Admin 739-5500

A.D.T. 1986	=	2,400
A.D.T. 2006	=	3,200
D.H.V.	=	350
D.	=	60-40
T. ADT	=	8%
V.	=	55 M.P.H.

Conventional Signs

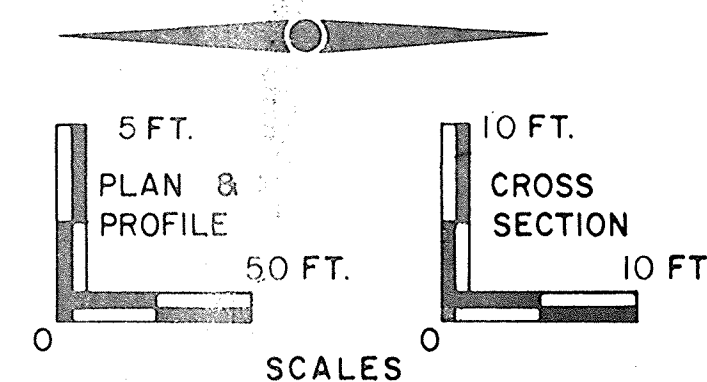
County Line	---
Township or Range Line	----
Section Line	-----
Corporate or City Limits	
Property line	-----
Lot Line	-----
Existing Right of Way Line	-----
New Right of Way Line	-----
Base or Survey Line	-----
Slope Intercept	-----
Existing Roadway or Private Entrance	-----

Caution Symbol (Combustible fluids under pressure)	
Railroads	+++++
Fence	X (TYPE) X
Culverts in Place	-----
Culverts Required	-----
Power Pole	-----
Telephone or Telegraph Pole	-----
Right of Way Markers	-----
Marsh	-----
Wooded Area	-----
Grade Elevation	-----

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PLAN OF PROPOSED IMPROVEMENT C.T.H. "N" - C.T.H. "JJ" INTERSECTION

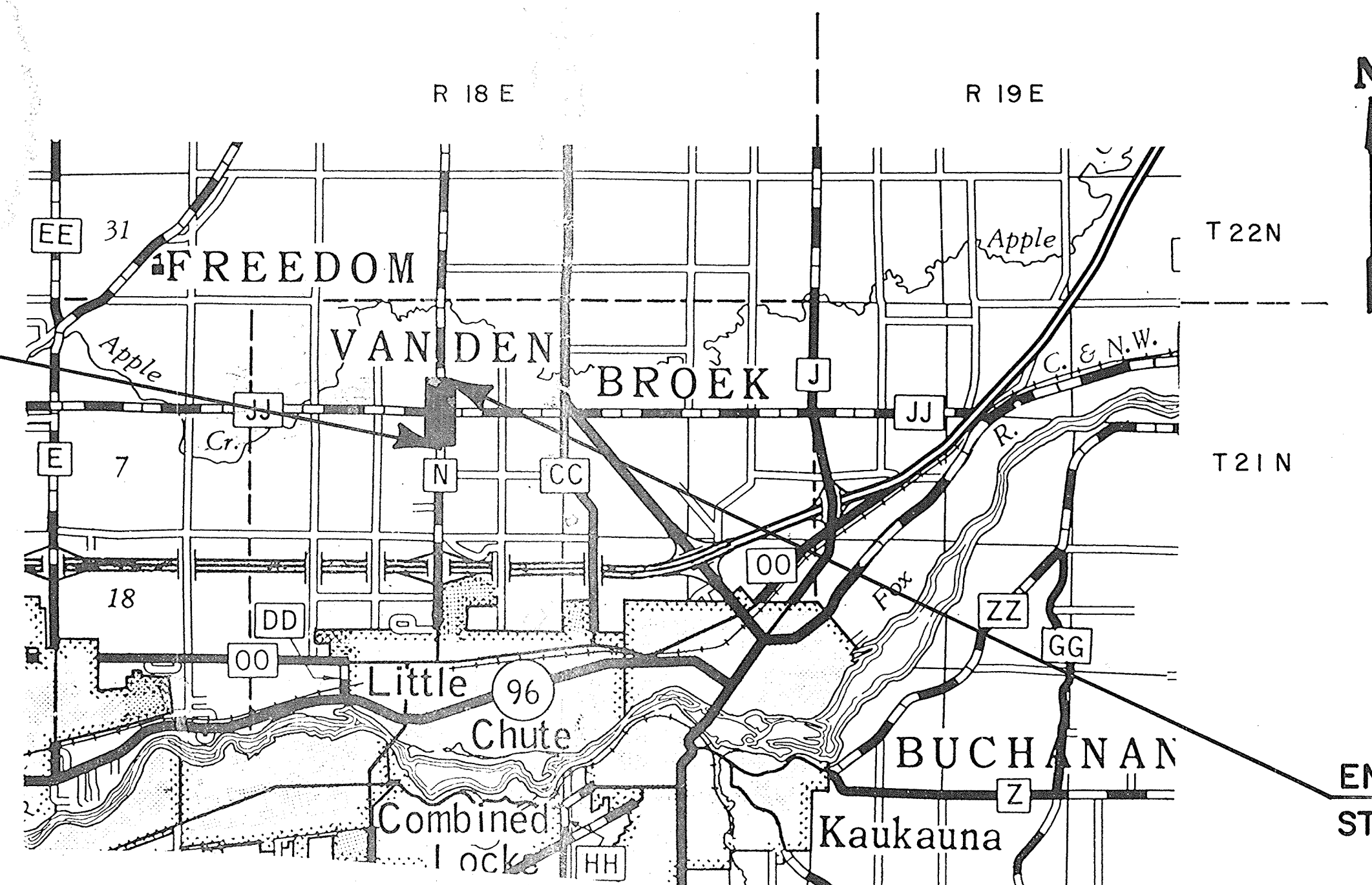
C.T.H. "N"
 OUTAGAMIE COUNTY

STATE PROJECT NUMBER
 6027-2

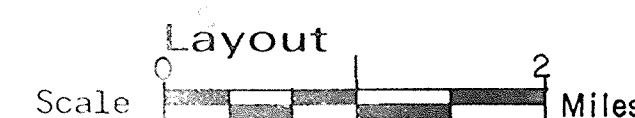


BEGIN PROJECT

STA. 16+00.00
 X = 2,438,000 (±200')
 Y = 180,000 (±200')

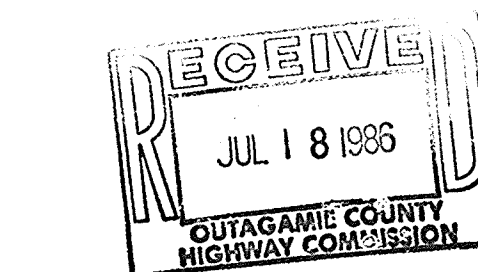


END PROJECT
 STA. 24+00.00



Total Net Length of Centerline = 0.152 Mi. RURAL

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



STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6027-2-		

APPROVED
 FOR
 OUTAGAMIE COUNTY
 DATE 1-21-86
 COUNTY COMMISSIONER

PLANS PREPARED
 BY
 AYRES ASSOCIATES
 CONSULTING ENGINEERS
 GREEN BAY, WISCONSIN

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 Surveyor O.A. & A. District Checker
 Designer O.A. & A. C.O. Checker
 District Supervisor J.E.F. C.O. Coordinator

Approved:
 Date District Transportation Director
 Approved:
 Date Chief Design Engineer
 Approved:
 Date Director of Development

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 REGION 5 WISCONSIN DIVISION

Approved:
 Date Division Administrator

N-16

STATE PROJECT NUMBER	SHEET NO.
6027-2-	
TYPICAL SECTIONS, GENERAL NOTES, UTILITIES, AND STANDARD DETAIL DRAWINGS FOR C.T.H. "N" & "JJ" OUTAGAMIE CO.	

GENERAL NOTES

THE LOCATION OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITIES TO VERIFY THEIR FACILITY LOCATIONS PRIOR TO ANY EXCAVATION WITHIN THE PROJECT AREA. THE UTILITIES SHALL ADJUST THEIR FACILITIES TO FIT THE NEW HIGHWAY CONSTRUCTION.

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

CUBIC YARDS OF FILL AS SHOWN ON THE PLAN SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED EXCAVATION AND WAS COMPUTED WITH A SHRINKAGE FACTOR OF 20% BASED ON THE VOLUME OF THE FILL.

WHEN THE QUANTITY OF CRUSHED AGGREGATE BASE COURSE IS MEASURED FOR PAYMENT BY THE TON, DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

ALL DISTANCES ARE GROUND DISTANCES.

ALL BEARINGS ARE ASSUMED BEARINGS.

ALL TIES ON THIS PLAN ARE HORIZONTAL UNLESS DESCRIBED OTHERWISE.

PROPERTY LINES AS SHOWN ARE APPROXIMATE.

CURB AND GUTTER RADIUS ARE SHOWN TO THE FRONT FACE OF CURB.

TOPSOIL SHALL BE USED ON AREAS WHERE SOD IS TO BE PLACED.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.

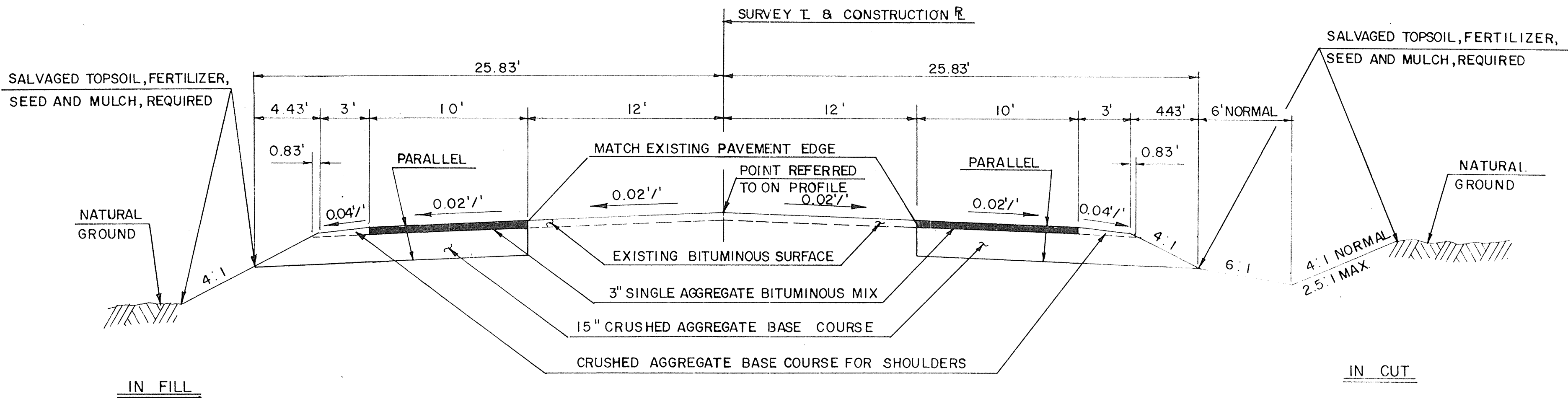
THE QUANTITY OF SALVAGED TOPSOIL WAS COMPUTED FROM MEASUREMENTS BETWEEN THE FINISHED SUBGRADE POINTS AND THE SLOPE INTERCEPTS AS SHOWN ON THE CROSS SECTIONS PLUS 3 FEET PER STATION FOR ROUNDING.

CURB HEIGHTS AT THE END OF CURB AND GUTTER SHALL BE TAPERED FROM 2 INCHES TO 6 INCHES IN 5 FEET.

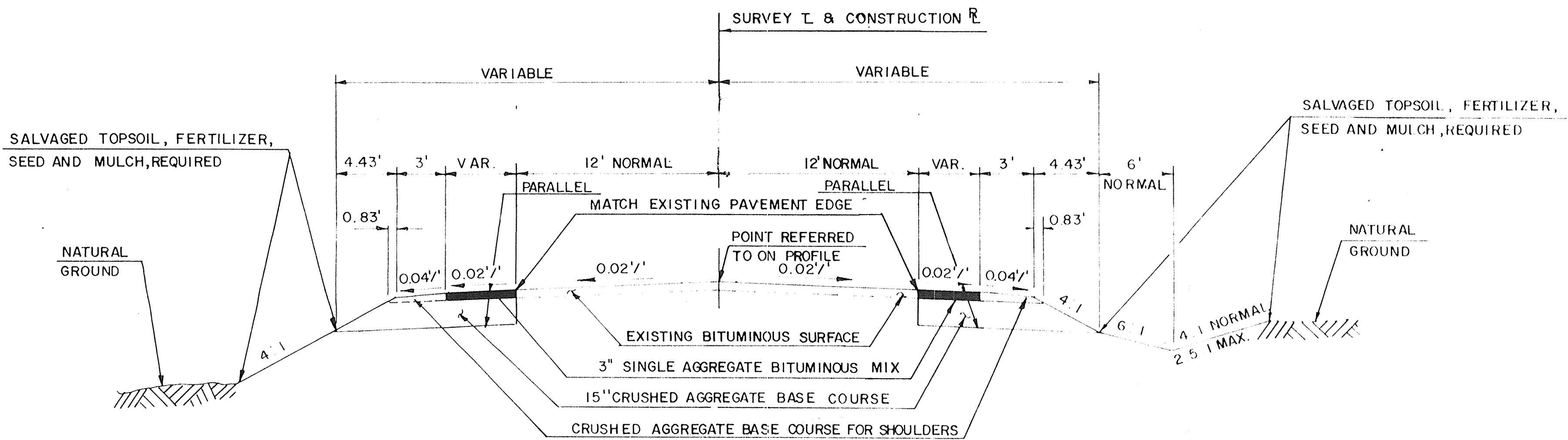
MEETING EXISTING PAVEMENT WITH NEW PAVEMENT SHALL BE PERFORMED BY BUTT JOINT. ALL BUTT JOINTS ARE TO BE SAW CUT.

SAW CUTTING SHALL BE INCIDENTAL TO THE ITEM OF SINGLE AGGREGATE BITUMINOUS MIX.

STOP SIGN WITH FLASHING RED BEACON IS TO HAVE TRAFFIC SIGNAL BASE, TYPE 1.



TYPICAL SECTION FOR C.T.H. "N"



TYPICAL SECTION FOR C.T.H. "JJ"

STANDARD DETAIL DRAWINGS

CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES	8D1 - 10
LAYOUT DETAILS FOR AT-GRADE SIDE ROAD INTERSECTIONS	9A1 - 5
TRAFFIC SIGNAL, COUNTER, AND PULL BOX DETAILS	9B3 - 3
CONSTRUCTION BARRICADES AND STANDARD SIGNS	15C1 - 7
TRAFFIC CONTROL FOR TEMPORARY ROAD CLOSURES IN RURAL AREAS (HIGHWAY UNDER CONSTRUCTION CLOSED TO TRAFFIC)	15C3 - 1

WISCONSIN ELECTRIC POWER COMPANY
APPLETON CENTER P.O. BOX 1699
APPLETON, WISCONSIN 54913-1699
ATTENTION: MR. N. P. SCHEMM
DIGGERS HOTLINE

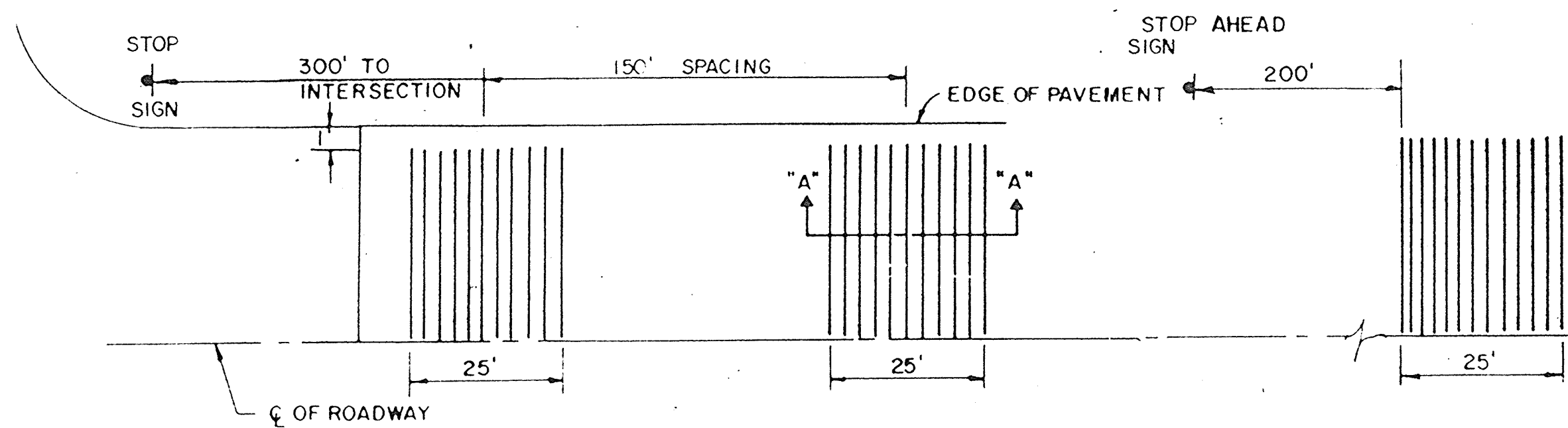
WISCONSIN BELL, INC.
221 WEST WASHINGTON STREET
APPLETON, WISCONSIN 54911
ATTENTION: ROSE PAGEL
DIGGERS HOTLINE

TELEPHONE 1-414-735-0705

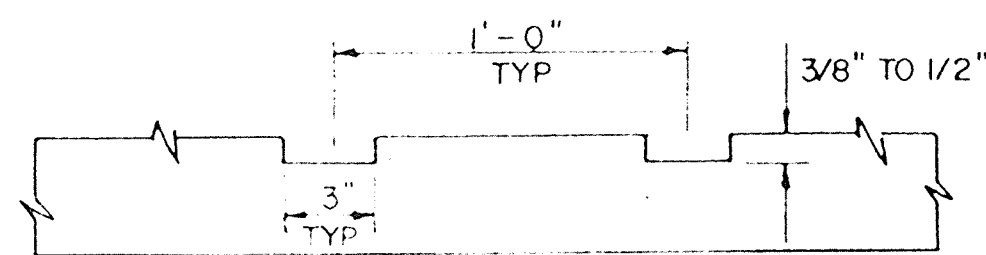
TELEPHONE 1-800-242-8511
TOLL FREE

TELEPHONE 1-414-735-3241

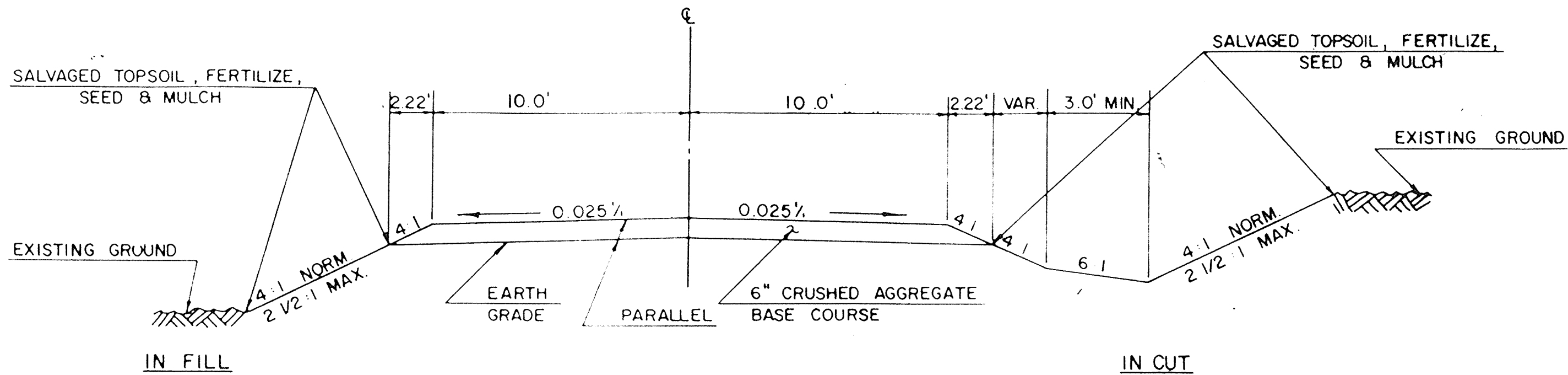
TELEPHONE 1-800-242-8511
TOLL FREE



PLAN VIEW OF RUMBLE STRIPS
C.T.H. "JJ"



SECTION "A-A"



TYPICAL CROSS SECTION
FOR
GRAVEL SURFACE P.E.

CRUSHED AGGREGATE BASE COURSE	
LOCATION	TONS
C.T.H. "N" MAINLINE	1,730
SHOULDERS	95
C.T.H. "JJ" MAINLINE	145
SHOULDERS	15

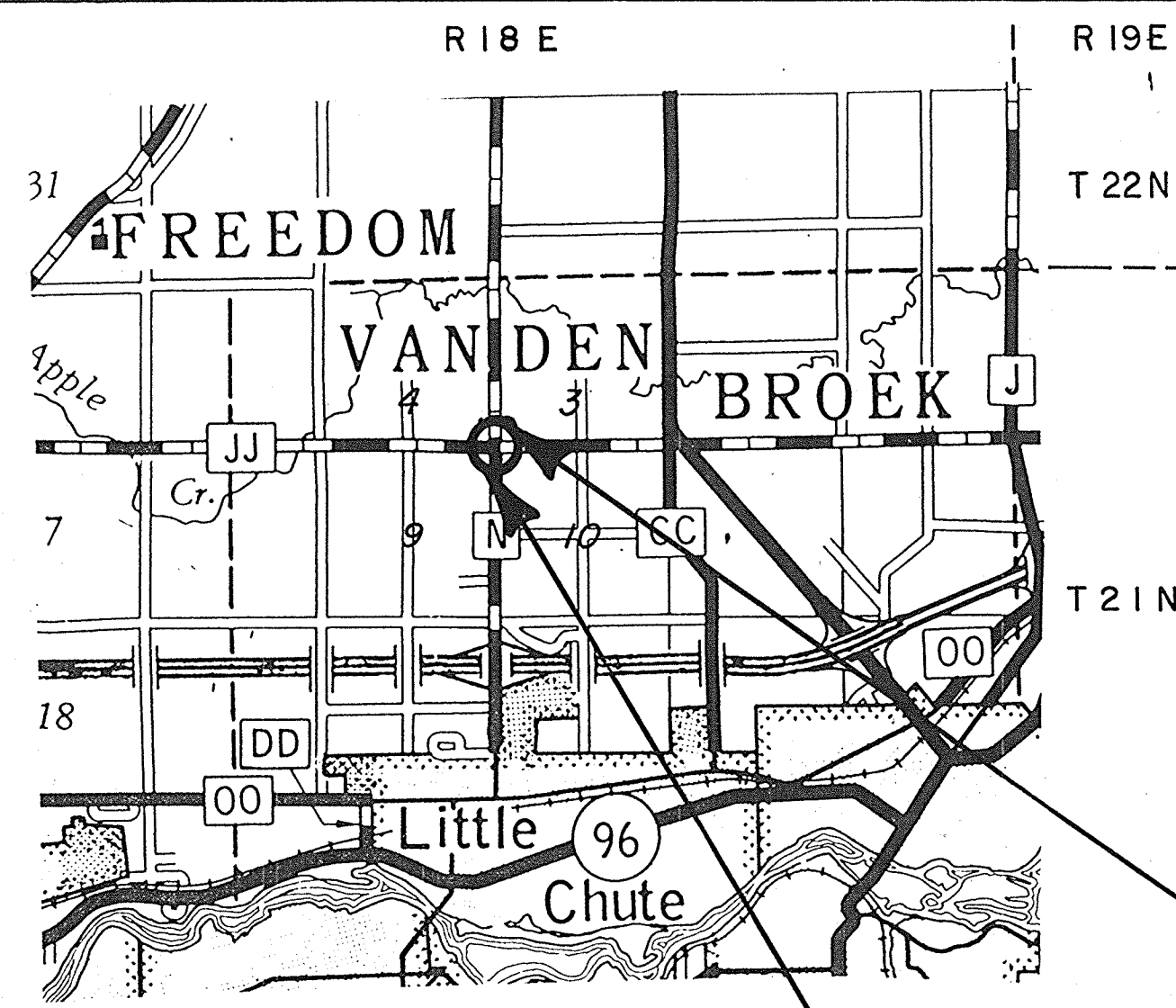
SODDING	
LOCATION	SQUARE YARDS
NORTHEAST QUADRANT	5
NORTHWEST QUADRANT	5
SOUTHEAST QUADRANT	5
SOUTHWEST QUADRANT	5

RUMBLE STRIPS	
LOCATION	QUANTITY
C.T.H. "JJ" EAST OF C.T.H. "N"	3
WEST OF C.T.H. "N"	3

SINGLE AGGREGATE BITUMINOUS MIX		
LOCATION	S.A.B.M. (TONS)	BITUMINOUS MATERIALS (TONS)
C.T.H. "N"	205	11.7
C.T.H. "JJ"	5	0.3

LANDSCAPING ITEMS				
LOCATION	SALVAGED TOPSOIL (S.Y.)	MULCH (S.Y.)	FERTILIZER TYPE B (CWT)	SEEDING NO. 1 (S.Y.)
C.T.H. "N"	715	715	0.9	10
C.T.H. "JJ"	95	95	0.1	1

STOP SIGNS WITH FLASHING BEACONS	
LOCATION	QUANTITY
SOUTHEAST QUADRANT	1
NORTHWEST QUADRANT	1



STATE OF WISCONSIN
OUTAGAMIE COUNTY HIGHWAY DEPARTMENT
PLAT OF RIGHT OF WAY REQUIRED FOR
C.T.H. "N" AND "JJ" INTERSECTION

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	OWNERSHIP	INTEREST REQUIRED	TOTAL ACRES OR SQUARE FEET	R/W ACRES OR SQUARE FEET			TOTAL ACRES REMAINING
				NEW	EXISTING	TOTAL	
1	GOLDEN YOLK EGG RANCH, INC.	FEE TITLE	40.00	0.05	0.17	0.22	39.78
2	WILLIAM D. FREVERT & MICHAEL EXARHOS	FEE TITLE	1.42	0.05	0.17	0.22	1.20
3							
4							
5							

REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER
	FEDERAL PROJECT NUMBER	4.0
PLAT OF RIGHT OF WAY REQUIRED FOR C.T.H. "N" & "JJ" INTERSECTION OUTAGAMIE CO.		
SCALE 0 50 100 Ft.		DATE
CONSTRUCTION PROJECT NUMBER		

NOTE: ALL BEARINGS SHOWN ON THIS PLAT ARE ASSUMED BEARINGS OF EACH TANGENT TO THE NEAREST SECOND.

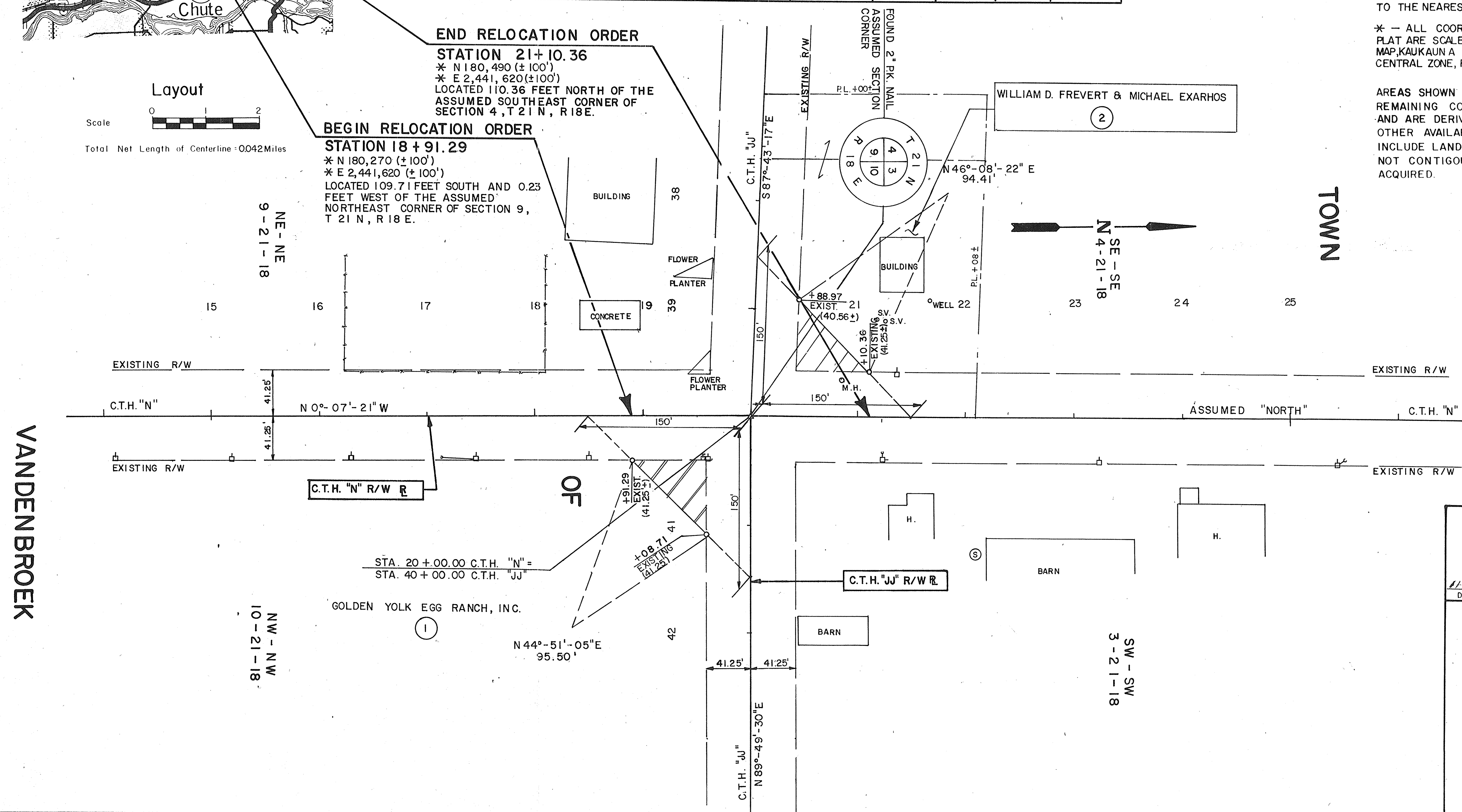
* - ALL COORDINATES SHOWN ON THIS PLAT ARE SCALED FROM U.S.G.S. TOPOGRAPHIC MAP, KAUKAUNA, WI., 7.5 MINUTE QUADRANGLE, CENTRAL ZONE, FOR IDENTIFICATION ONLY.

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

Layout
Scale
Total Net Length of Centerline = 0.042 Miles

END RELOCATION ORDER
STATION 21+10.36
* N 180,490 (± 100')
* E 2,441,620 (± 100')
LOCATED 110.36 FEET NORTH OF THE ASSUMED SOUTHEAST CORNER OF SECTION 4, T 21 N, R 18 E.

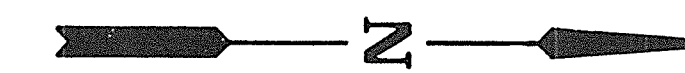
BEGIN RELOCATION ORDER
STATION 18+91.29
* N 180,270 (± 100')
* E 2,441,620 (± 100')
LOCATED 109.71 FEET SOUTH AND 0.23 FEET WEST OF THE ASSUMED NORTHEAST CORNER OF SECTION 9, T 21 N, R 18 E.



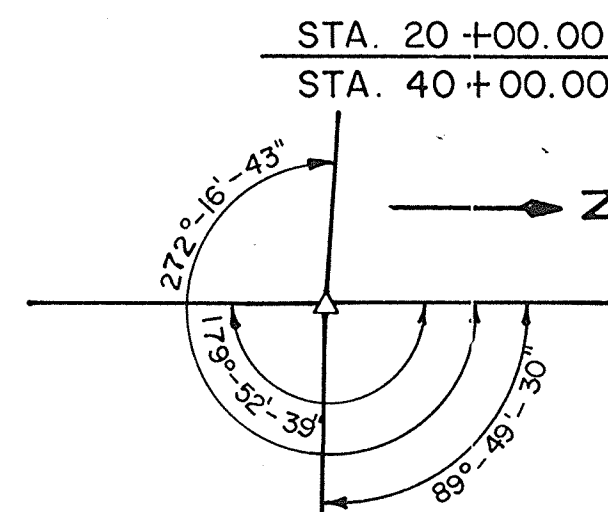
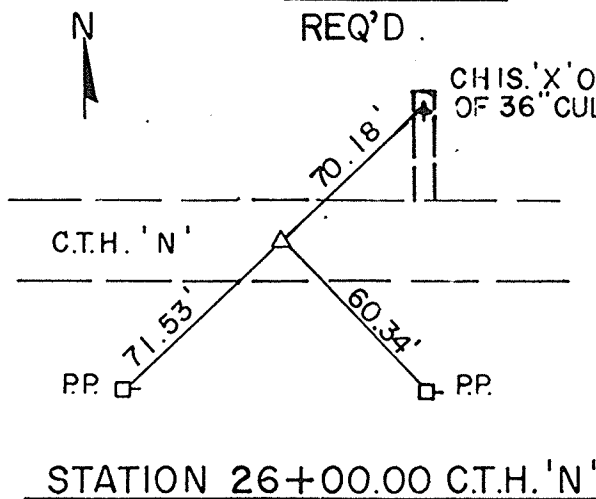
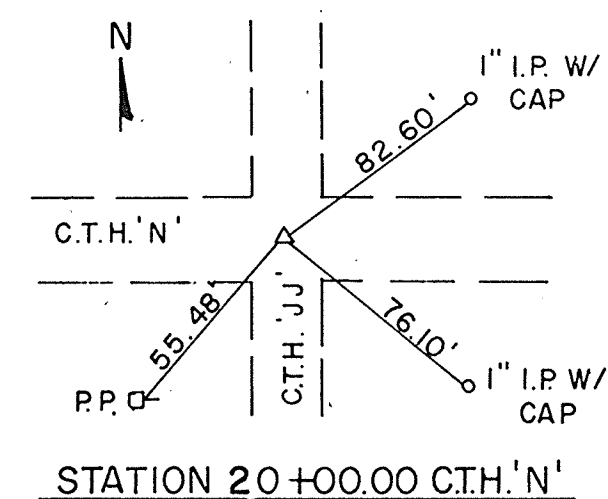
APPROVED FOR OUTAGAMIE COUNTY	
DATE 11-21-85	<i>Michael A. Muehl</i> COUNTY HIGHWAY COMMISSIONER
PLAT PREPARED BY AYRES ASSOCIATES CONSULTING ENGINEERS GREEN BAY, WISCONSIN	

BEGIN PROJECT
STA. 16+00.00

STATE PROJECT NUMBER	SHEET NO.
6027-2-	
C.T.H. 'N' & 'JJ'	
OUTAGAMIE CO.	



END PROJECT
STA. 24+00.00



BENCH MARKS				
NO.	STATION	DESCRIPTION		ELEV.
1	21+37	SET R/R SPIKE, SE FACE OF P.P.	40' LT.	100.00
2	42+92	SET R/R SPIKE, W FACE OF P.P.	40' RT.	94.36

UNCL. EXC. = 707 CU. YD.
FILL = 269 CU. YD.
WASTE = 371 CU. YD.

STA. 20+00.00 C.T.H. 'N' =
STA. 40+00.00 C.T.H. 'JJ'

STA. 40+00.00 C.T.H. 'N' =
STA. 20+00.00 C.T.H. 'JJ'

