

TOTAL SHEETS = 65

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

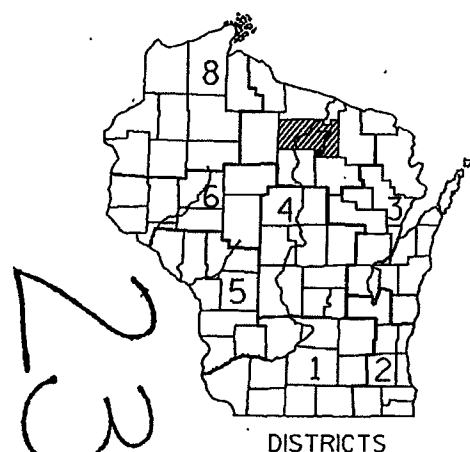
LANGLADE COUNTY LINE- C.T.H. G

C.T.H. Q
ONEIDA COUNTY

STATE PROJECT NUMBER
9461-02-70

CONTRACTOR: HOGAN LAND IMPROVEMENT CO.
SUBCONTRACTORS: MIRR'S TREE SERVICE
MICHELS PIPELINE CONST INC
DOLSON INC
CENTURY FENCE CO.
STRAIGHT ARROW CONST CO INC
PITLIK & WICK INC
PROJECT ENGR: CHERYL SIMON
PROJECT BEGIN: 4/30/99
+607.674 END: 9/8/99

PROJECT ENGR: CHRYL Simon
END PROJECT BEGIN: 4/30/99
STA. 13+607.674 END: 9/8/99



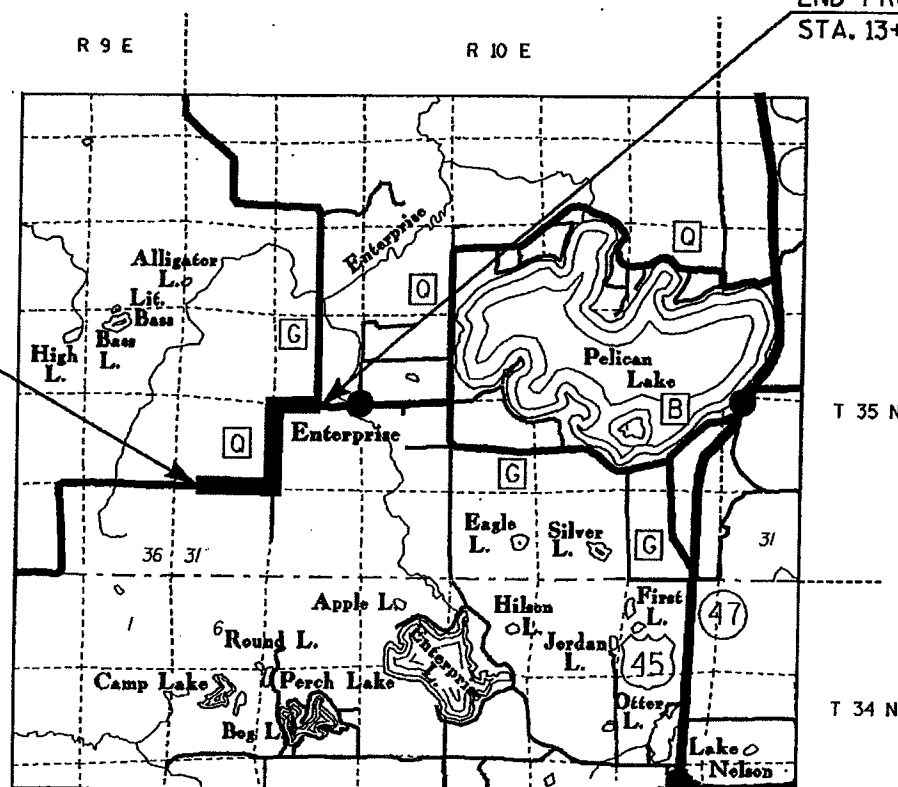
BEGIN PROJECT
STA. 10+000.000
X = 663 186 (± 25 m)
Y = 35 529 (± 25 m)

DESIGN DESIGNATION			
A.D.T.	(1998)	=	230
A.D.T.	(2018)	=	400
D.H.V.	(2018)	=	31
D.		=	50%
T.		=	7.7%
DESIGN SPEED		=	70km/H
ESALS		=	50.014

CONVENTIONAL SIGNS

COUNTY LINE	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
NEW RIGHT OF WAY	
REFERENCE LINE	
SLOPE INTERCEPT	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE	
CULVERT IN PLACE	
CULVERT REQUIRED	
CULVERT REQUIRED (Profile)	
DITCH DIKE	
DRAINAGE WAY	

COMBUSTIBLE FLUIDS (UNDER PRESSURE)	
UNDERGROUND UTILITIES	
GAS	_____ 
ELECTRIC	_____ 
TELEPHONE	_____ 
SERVICE PEDESTAL	TP 
CABLE MARKER	P 
POWER POLE	
TELEPHONE POLE	
RAILROADS	
MARSH	
WOODED AREA	
SILT FENCE	
EROSION MAT	
EROSION BALES	
MEDIUM RANDOM RIPRAP	
SOO	



DIARY 99-00



LAYOUT

SCALE 0 1 km

TOTAL NET LENGTH OF CENTERLINE = 3.607 KM (RURAL)

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

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9461-02-70	STP 1998 699	1

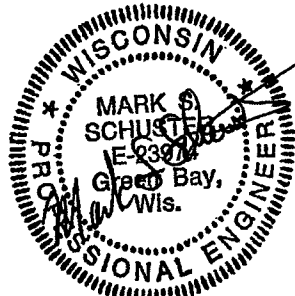
METRIC PROJECT

ACCEPTED FOR
ONEIDA COUNTY

ONEIDA COUNTY
6/26/77 [Signature]
DATE COUNTY CLERK

PLANS PREPARED
BY

AYRES Engineers/Architects
Scientists/Photogrammetrists
ASSOCIATES Open Ayres & Associates Inc.
Open Field, Minnesota



DATE: 6/24/97

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

PREPARED BY
Surveyor AYRES ASSOCIATES

Designer AYRES ASSOCIATES

District Examiner

District Supervisor A. PETERSON

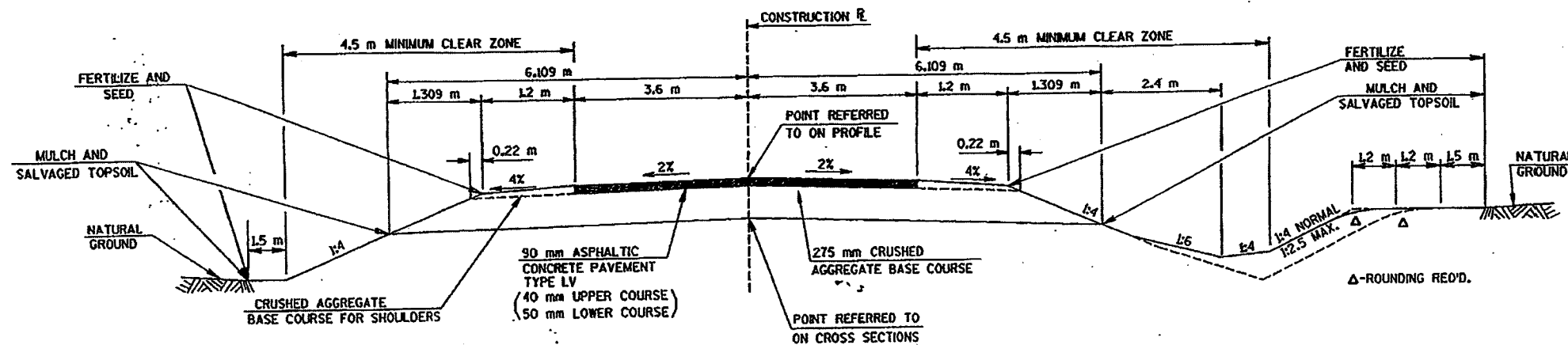
Proj. Dev. Engine

C. O. Examiner Jane Goodman

APPROVED FOR DISTRICT OFFICE

DATE: 6/30/98 Allen J. Peterson
(Signature)

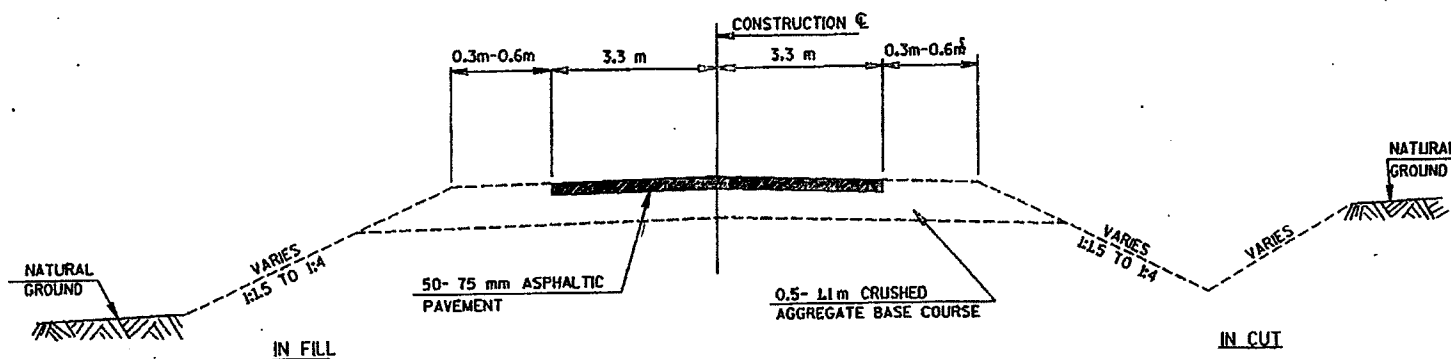
M



TYPICAL FINISHED SECTION FOR C.T.H. "Q"

STA. 10+000.00 TO STA. 13+604.00
10+200.00

10+000 - 10+200
600mm Pit Run placed
between ^(clay) subgrade and
CABC.



EXISTING TYPICAL SECTION FOR C.T.H. "Q"

METRIC STANDARD DETAIL DRAWINGS

801-12	CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES
804-3	CONCRETE SURFACE DRAIN AND ASPHALTIC FLUME
808-2	TYPICAL INSTALLATION OF EROSION BALES
809-5	SILT FENCE
8F1-11	APRON ENDWALLS FOR CULVERT PIPE
9A1-11a	AT-GRADE SIDEROAD INTERSECTIONS, TYPE "B", "B2", "C", AND "D" AND TEE INTERSECTION BYPASS LANE
15C2-3	BARRICADES AND SIGNS FOR ROAD CLOSURES
15C8-8a	PAVEMENT MARKING (MAINLINE)
15C8-8b	PAVEMENT MARKING (INTERSECTIONS)
16A1-5	LANDMARK REFERENCE MONUMENTS AND COVERS

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	PI	POINT OF INTERSECTION
AC	ASPHALT CEMENT	PE	PRIVATE ENTRANCE
AGG	AGGREGATE	R	RADIUS
ASPH	ASPHALT	REM	REMOVE
BM	BENCH MARK	R/L OR RL	REFERENCE LINE
C/L	CENTERLINE	RCCP	REINFORCED CONCRETE CULVERT PIPE
CONC	CONCRETE	RCPSS	REINFORCED CONCRETE PIPE STORM SEWER
CHP	CORRUGATED METAL PIPE	R.O.	RUNOUT
D	DEGREE OF CURVE	R/W	RIGHT-OF-WAY
DHV	DESIGN HOUR VOLUME	STA.	STATION
ESALS	EQUIVALENT SINGLE AXIS LOADS	SE	SUPER ELEVATION
EXIST	EXISTING	T	TANGENT
FE	FIELD ENTRANCE	TEL	TELEPHONE
IP	IRON PIPE OR PIN	TLE	TEMPORARY LIMITED EASEMENT
L	LENGTH OF CURVE	T	TRUCKS
LC	LONG CHORD OF CURVE	UNCL	UNCLASSIFIED EXCAVATION
NC	NORMAL CROWN	VC	VERTICAL CURVE
PT	POINT OF TANGENCY	WL	WELL
PC	POINT OF CURVATURE		



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

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
TELEFAX (414) 259-0947
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

GENERAL NOTES

EXCAVATION BELOW SUBGRADE (E.B.S.) AS SHOWN ON THE PLAN AND PROFILE SHEETS, SHALL BE MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE EXACT LIMITS AND LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

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.

ALL DISTANCES ARE GROUND DISTANCE.

ALL TIES ON THIS PLAN ARE HORIZONTAL UNLESS DESCRIBED OTHERWISE.

PROPERTY LINES AS SHOWN ARE APPROXIMATE.

CURVE DATA IS BASED ON RADIUS DEFINITION.

CROSS DRAIN PIPE ELEVATIONS, LENGTHS AND LOCATIONS AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

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

NO TREES AND/OR SHRUBS ARE NTO BE REMOVED WITHOUT THE APPROVAL
OF THE ENGINEER.

RUNOFF COEFFICIENT FOR THIS PROJECT:

EXISTING PAVEMENT: 0.78

NEW PAVEMENT: 0.8

EXISTING SLOPES: 0.28

NEW SLOPES: 0.30

TOTAL PROJECT AREA 5.4 HECTARES

TOTAL AREA DISTURBED 4.65 HECTARES

UTILITIES

HEADWATER TELEPHONE COMPANY
53 NORTH STEVENS
RHINELANDER, WISCONSIN 54501
ATTENTION: MR. SCOTT BRADLEY

TELEPHONE 1-715-365-2218

WISCONSIN PUBLIC SERVICE CORPORATION
425 WEST DAVENPORT
RHINELANDER, WISCONSIN 54501
ATTENTION: MR. RICHARD REITZ

TELEPHONE 1-715-369-7111

D.N.R. LIAISON

DEPARTMENT OF NATURAL RESOURCES
NORTH CENTRAL DISTRICT HEADQUARTERS
107 SUTCLIFF AVENUE
RHINELANDER, WISCONSIN 54501
ATTENTION: MR. JIM GRAFFELMAN

TELEPHONE 1-715-365-8927

SURVEYOR

ONEIDA COUNTY COURTHOUSE
P.O. BOX 400
RHINELANDER, WISCONSIN 54501
ATTENTION: MR. MICHAEL ROMPORTL

TELEPHONE 1-715-369-6179

GENERAL NOTES, TYPICAL SECTION AND UTILITIES

HWY: C.T.H. Q

COUNTY: ONEIDA

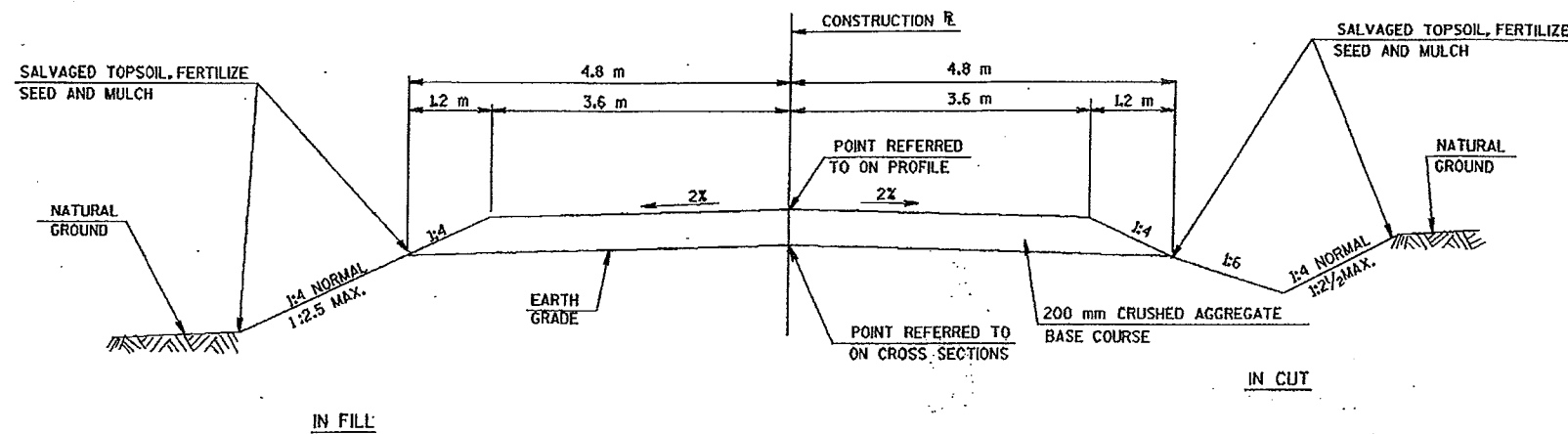
STATE PROJECT NO: 9461-02-70

SHEET NO: 2.1

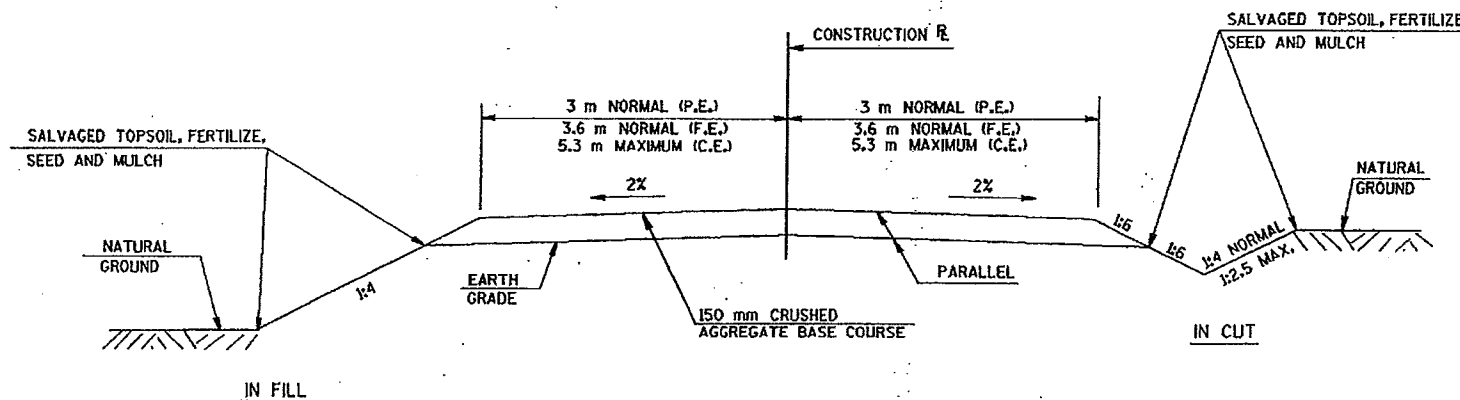
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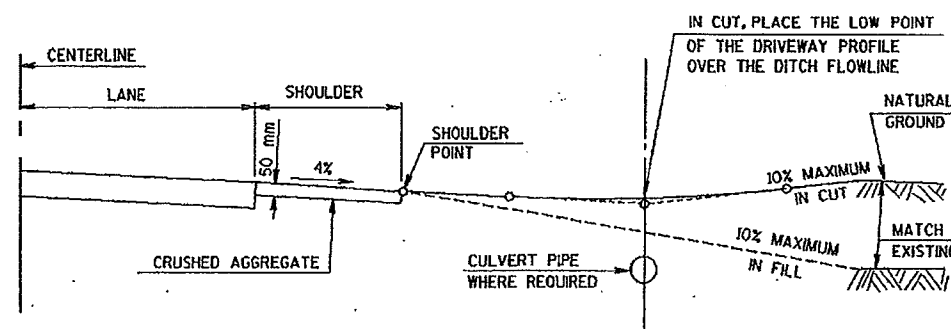
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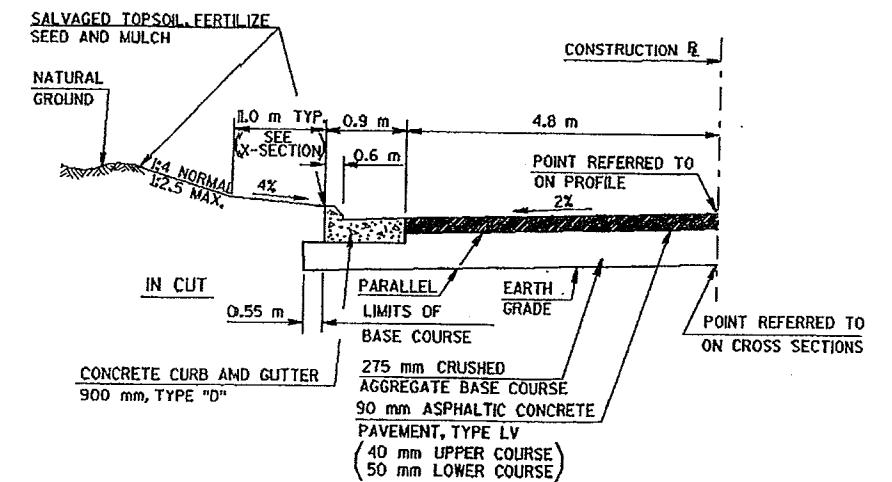
TYPICAL FINISHED CROSS SECTION FOR SIDE ROADS
CRANBERRY LAKE ROAD STA. 49+880-50+000



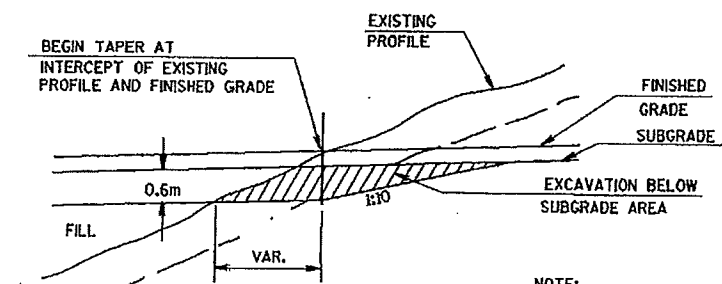
TYPICAL CROSS SECTION FOR PRIVATE ENTRANCES
AND FIELD ENTRANCES



TYPICAL PRIVATE AND FIELD ENTRANCES PROFILES



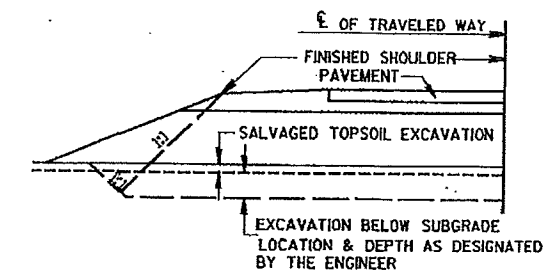
1/2 TYPICAL CROSS SECTION FOR C.T.H. Q
STA. 11+890 TO STA. 11+970



DISTANCES AS DETERMINED BY THE ENGINEER

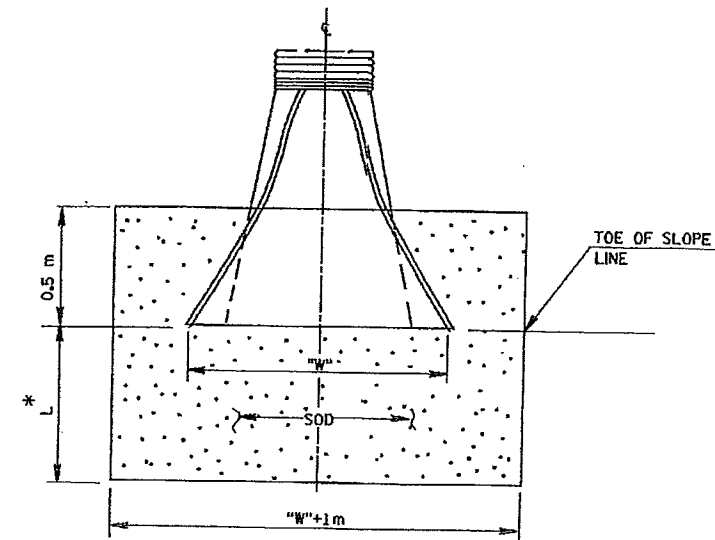
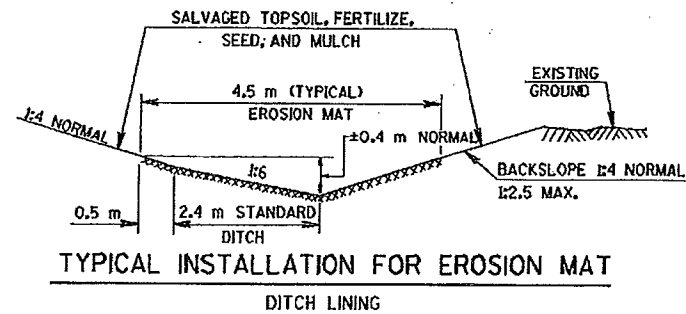
NOTE:
EXACT LOCATIONS AND EXTENT OF EXCAVATION BELOW SUBGRADE (E.B.S.) SHALL BE DETERMINED BY ENGINEER IN THE FIELD. E.B.S. AREA TO BE BACK FILLED MUST BE HOMOGENOUS WITH ADJOINING FILL MATERIAL ACCEPTABLE TO THE ENGINEER. THE FILL WITHIN 30 m OF THE MOUTH OF THE CUT MUST BE KEPT 0.6 m BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED.

PROFILE AT UNDERCUT LOCATIONS

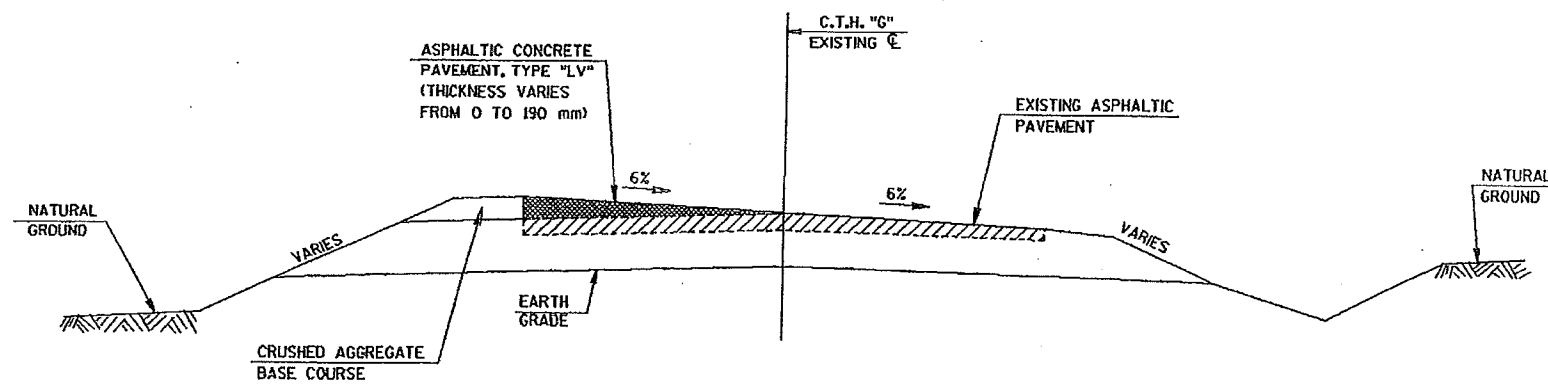


DETAIL FOR EXCAVATION BELOW SUBGRADE

ORIGINATOR: DJD
 PROJECT NO: 440232-00
 LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62
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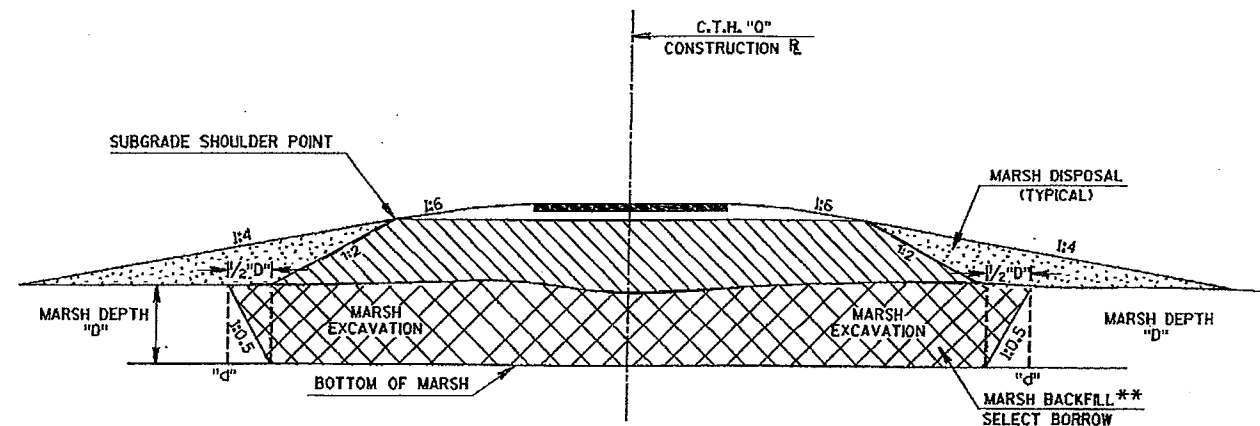
*TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
 SOD AT END OF PIPE

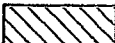
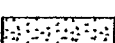


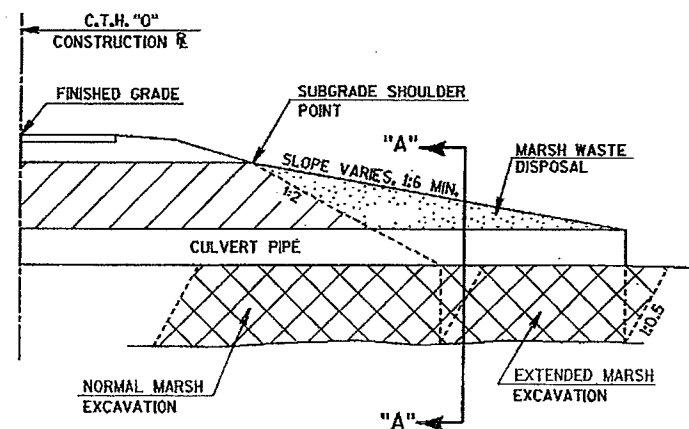
WEDGING DETAIL
 C.T.H. "G"

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DATE: 07/01/97
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ORIGINATOR: DJD
PROJECT NO: 440232.00
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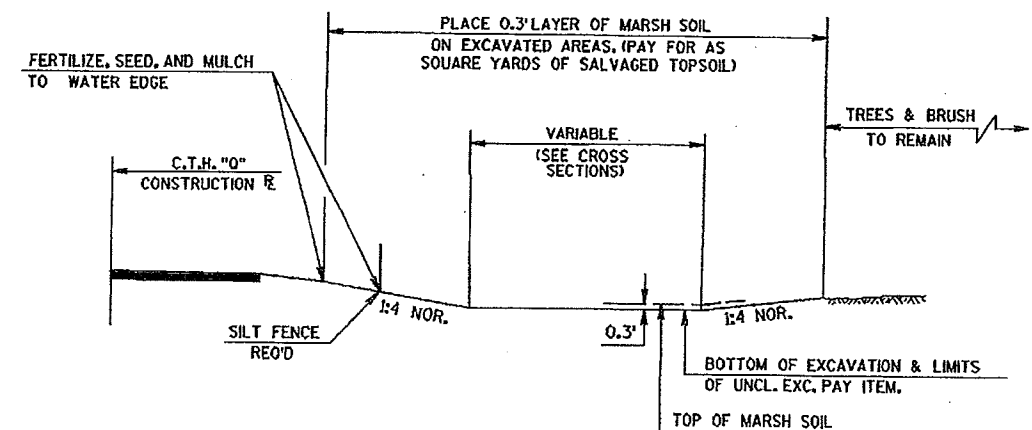


-  EXCAVATION AREA
-  FILL AND BACKFILL AREA
-  MARSH DISPOSAL AREA



GENERAL NOTES:
EARTHWORK BALANCES FOR THE PROJECT WERE COMPUTED ASSUMING MARSH WASTE IS HAULED OFF PROJECT. ANY BACKFILLING OF SLOPES WITH THIS MATERIAL WILL REDUCE THE AMOUNT OF FILL REQ'D.
** MARSH AREAS ARE TO BE BACKFILLED WITH SPECIFIED MATERIALS, TO A LEVEL OF 0.3m ABOVE THE AVERAGE MARSH LEVEL. COMPUTED BACKFILL ESTIMATES REFLECT THIS.

TYPICAL SECTION-MARSH EXCAVATION



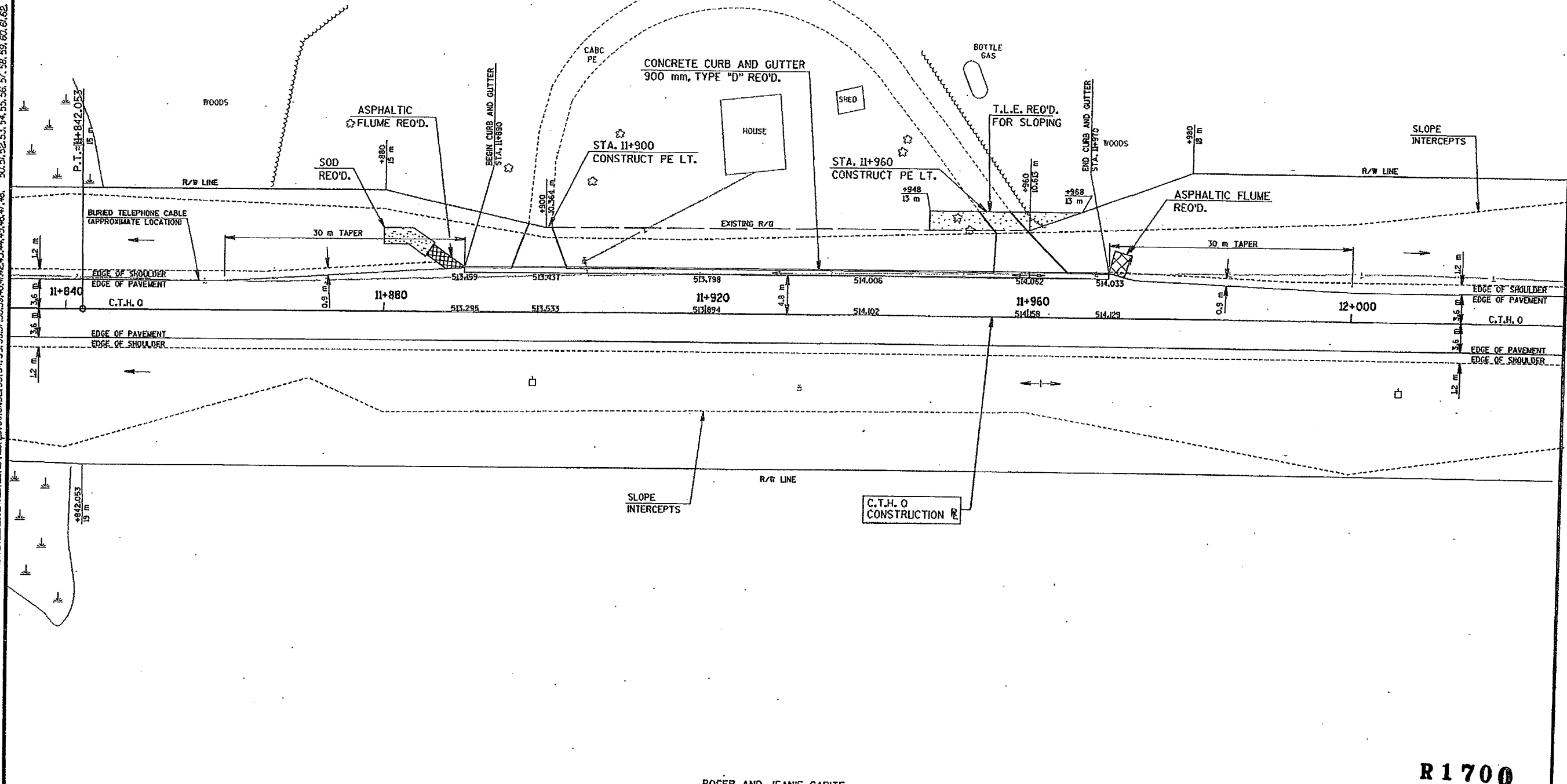
NOTES:
ALL MARSH SOIL DRESSED AREAS SHALL BE SEEDED WITH SEED MIXTURE NO. 60.

WETLAND MITIGATION TYPICAL SECTION

STA. 11+300-11+400 RT.
STA. 11+560-11+600 RT.
STA. 12+720-12+765 LT.
STA. 13+540-13+580 LT./RT.

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PROJECT NO: 440232.00
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SCOTT W. AND BARBARA M. KRUEGER

SCOTT W. AND BARBARA M. KRUEGER

ROGER AND JEANIE GARITE

CONSTRUCTION DETAIL

SCALE, METERS 0 12.5 25

HWY: C.T.H. O

COUNTY: ONEIDA

STATE PROJECT NO: 9461-02-70

SHEET NO: 25

M

R1700

R 1700

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GB 2
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PLOT NA
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WILLIAM J. RIEMER, ET. AL.

ARLENE L. BUELOW

C.T.H. "Q"
CURVE DATA

P.I. 13+559.581
 Δ = 41°53'38"
T = 34.452 m
L = 65.807 m
E = 6.369 m
R = 90 m
P.C. 13+525.129
P.T. 13+590.935
S.E. N/C
R.O. N/A

WETLAND
MITIGATION AREA #4
0.064 HECTARES
0.16 ACRES

NOTE:
WETLAND MITIGATION AREA #4
EXCAVATE TO ELEVATION 492.900
PLACE 0.3 m OF MARSH MATERIAL
OVER EXCAVATED AREA.
FINISHED ELEVATION 493.200

CONCRETE CURB AND GUTTER
900 mm. TYPE D REQ'D.

C.T.H. O
CONSTRUCTION R

525.129

SLOPE
INTERCEPTS

OBLITERATE
OLD ROADWAY

REMOVE
450 mm

ASPHALTIC FLUME. REQ'D

WETLAND
MITIGATION AREA #5
0.104 HECTARES
0.26 ACRES

NOTE:
WETLAND MITIGATION AREA #5
EXCAVATE TO ELEVATION 492.700
PLACE 0.3 m OF MARSH MATERIAL
OVER EXCAVATED AREA.
FINISHED ELEVATION 493.000

ROZELLA S. AND ANTHONY GEO. GECAS

LAWRENCE R. AND JACQUELINE NICHOLSON

R 1700

CONSTRUCTION DETAIL

SCALE. METERS 0 12.5 25

HWY: C.T.H. 0

COUNTY: ONEIDA

STATE PROJECT NO: 9461-02-70

SHEET NO: 2.6

T

WISDOT: MSH142

DATE 13AUG98

ESTIMATE OF QUANTITIES

SHEET: 3.1

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	9461-02-70 QUANTITY
0010	20101	CLEARING	40M	84.00	84.00
0020	20104	GRUBBING	40M	84.00	84.00
0030	20330	REMOVING OLD CULVERTS	EACH	5.00	5.00
0040	20402	REMOVING ASPHALTIC SURFACE	M2	1,980.00	1,980.00
0060	20460	REMOVING BUILDING, STATION 10+485	LS	1.00	1.00
0070	20461	REMOVING BUILDING, STATION 10+575	LS	1.00	1.00
0080	20503	UNCLASSIFIED EXCAVATION	M3	70,745.00	70,745.00
0090	20505	MARSH EXCAVATION	M3	19,385.00	19,385.00
0100	20811	SELECTED BORROW EXCAVATION	M3	48,338.00	48,338.00
0110	21302	FINISHING ROADWAY, PROJECT 9461-02-70	LS	1.00	1.00
0120	21401	OBLITERATING OLD ROAD	M	350.00	350.00
0130	30404	CRUSHED AGGREGATE BASE COURSE	MG	31,420.00	31,420.00
0140	40204	ASPHALTIC MATERIAL FOR TACK COAT	L	3,049.00	3,049.00
0150	40301	QUALITY MANAGEMENT PROGRAM, ASPHALTIC MIXTURE	MG	5,950.00	5,950.00
0160	40501	ASPHALTIC MATERIAL FOR PLANT MIXES	MG	340.00	340.00
0180	40714	ASPHALTIC CONCRETE PAVEMENT, TYPE LV	MG	5,950.00	5,950.00
0190	52003	CULVERT PIPE, CLASS III, 450 MM	M	102.00	102.00
0200	52061	APRON ENDWALLS FOR CULVERT PIPE, 450 MM	EACH	16.00	16.00
0210	52205	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 600 MM	M	116.00	116.00
0220	52209	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 900 MM	M	17.00	17.00
0230	52264	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 600 MM	EACH	14.00	14.00
0240	52267	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 900 MM	EACH	2.00	2.00
0250	60170	CONCRETE CURB AND GUTTER, 900 MM, TYPE D	M	127.00	127.00
0260	61910	MOBILIZATION	LS	0.95	0.95
0270	62101	LANDMARK REFERENCE MONUMENTS	EACH	12.00	12.00
0280	62203	ASPHALTIC FLUMES	M2	28.00	28.00
0290	62401	WATER	KL	1,260.00	1,260.00
0300	62505	SALVAGED TOPSOIL	M2	41,274.00	41,274.00
0310	62703	MULCHING	MG	21.00	21.00
0320	62811	EROSION BALES, DELIVERED	EACH	100.00	100.00
0330	62812	EROSION BALES, INSTALLED	EACH	100.00	100.00
0340	62817	SILT FENCE MAINTENANCE	M	1,002.00	1,002.00

R1700

DATE 13AUG98

ESTIMATE OF QUANTITIES

SHEET: 3.2

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	9461-02-70 QUANTITY
0350	62819	MOBILIZATIONS, EROSION CONTROL	EACH	2.00	2.00
0360	62821	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	2.00	2.00
0370	62824	EROSION MAT, DELIVERED, CLASS I, TYPE B	M2	5,947.00	5,947.00
0380	62825	EROSION MAT, INSTALLED, CLASS I, TYPE B	M2	5,947.00	5,947.00
0390	62848	SILT FENCE, SILTY SOIL, DELIVERED	M	2,010.00	2,010.00
0400	62850	SILT FENCE, SILTY SOIL, INSTALLED	M	2,010.00	2,010.00
0410	62905	FERTILIZER, TYPE B	KG	1,632.00	1,632.00
0420	63008	SEEDING, MIXTURE NO. 10	KG	412.00	412.00
0430	63013	SEEDING, MIXTURE NO. 60	KG	27.00	27.00
0440	63101	SODDING	M2	143.00	143.00
0450	64202	FIELD OFFICE, TYPE B	LS	1.00	1.00
0460	64302	TRAFFIC CONTROL, PROJECT 9461-02-70	LS	1.00	1.00
0480	64601	PAVEMENT MARKING, 100 MM, PAINT	M	11,960.00	11,960.00
0490	64636	LOCATING NO-PASSING ZONES	KM	3.60	3.60
0500	64705	PAVEMENT MARKING, STOP LINE, 300 MM, PAINT	M	3.60	3.60
0510	65010	CONSTRUCTION STAKING, SUBGRADE	M	3,727.00	3,727.00
0520	65020	CONSTRUCTION STAKING, CRUSHED AGGREGATE BASE COURSE	M	3,607.00	3,607.00
0530	66501	SAWING EXISTING PAVEMENT	M	75.40	75.40

R1700

R1700

PEN TABLE = #plot72:caser\my80pp.tbl
DATE OF PLOT = 07/24/98
PLOT NA
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ORIGINATOR: DJD
PROJECT NO: 440232.00
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62.

CLEARING AND GRUBBING

STATION	LOCATION	CLEARING 40 m	GRUBBING 40 m
10+000-10+280	C.T.H. 0	7	7
10+320-12+280	C.T.H. 0	49	49
12+520-13+120	C.T.H. 0	15	15
13+160-13+560	C.T.H. 0	10	10
49+880-50+000	CRANBERRY LAKE RD.	3	3
TOTALS		84	84

REMOVING OLD CULVERTS

STATION	LOCATION	QUANTITY EACH	REMARKS
11+325	C.T.H. "0" RT.	1	1-450mm C.M.P. (EXISTING C.T.H. "0")
12+735	C.T.H. "0" LT.	1	1-450mm C.M.P. (EXISTING C.T.H. "0")
13+200	P.E. RT.	1	1-300mm C.M.P.
13+340	C.T.H. "0" LT.	1	1-300mm C.M.P.
13+590	C.T.H. "0" RT.	1	1-450mm C.M.P. (EXISTING C.T.H. "0")
TOTAL		5	

REMOVING ASPHALTIC SURFACE

STATION	LOCATION	QUANTITY m2
10+960-11+180	C.T.H. "0"	1,452
11+300-11+340	C.T.H. "0"	264
13+290-13+330	C.T.H. "0"	264
TOTAL		1,980

OBLITERATING OLD ROAD

STATION	LOCATION	QUANTITY m
11+420-11+560	C.T.H. "0" RT. (EXISTING C.T.H. "0")	180
12+760-12+830	C.T.H. "0" LT. (EXISTING C.T.H. "0")	80
12+880-12+900	C.T.H. "0" LT. (EXISTING C.T.H. "0")	20
13+560-13+604	C.T.H. "0" RT. (EXISTING C.T.H. "0")	70
TOTAL		350

SILT FENCE, SILTY SOILS, DELIVERED, INSTALLED AND MAINTENANCE

STATION-STATION	LOCATION	DELIVERED m	INSTALLED m	MAINTENANCE m
10+270-10+370	C.T.H. "0" LT.	100	100	50
10+300-10+380	C.T.H. "0" RT.	80	80	40
10+640-10+700	C.T.H. "0" LT.	60	60	30
10+740-10+860	C.T.H. "0" LT. & RT.	120	120	60
10+980-11+050	C.T.H. "0" LT.	70	70	37
11+290-11+400	C.T.H. "0" RT.	200	200	100
11+540-11+605	C.T.H. "0" RT.	65	65	30
11+600-11+850	C.T.H. "0" RT.	250	250	125
11+700-11+850	C.T.H. "0" LT.	150	150	75
12+180-12+460	C.T.H. "0" LT.	280	280	140
12+180-12+480	C.T.H. "0" RT.	300	300	150
12+710-12+770	C.T.H. "0" LT.	60	60	30
12+720-12+785	C.T.H. "0" RT.	65	65	30
13+060-13+180	C.T.H. "0" RT.	120	120	60
13+110-13+200	C.T.H. "0" LT.	90	90	45
		2010	2010	1002

SAWING EXISTING PAVEMENT

STATION	LOCATION	QUANTITY m
10+000	C.T.H. "0"	6.6
13+200	C.T.H. "0", 12 m RT.	3.8
13+607.674	C.T.H. "0"	65
		75.4

LAND MARK REFERENCE MONUMENTS, TYPE A

LOCATION	QUANTITY EACH
S.W. CORNER OF THE S.E. 1/4 SEC. 30, T35N-R10E	4
S.E. CORNER OF THE S.E. 1/4 SEC. 30, T35N-R10E	4
N.E. CORNER OF THE S.E. 1/4 SEC. 30, T35N-R10E	4
TOTAL	12

EROSION MAT, CLASS I, TYPE "B"

STATION-STATION	LOCATION	DELIVERED m2	INSTALLED m2
10+000-10+115	C.T.H. "0" LT.	518	518
10+040-10+120	C.T.H. "0" RT.	360	360
10+880-10+965	C.T.H. "0" RT.	383	383
11+400-11+600	C.T.H. "0" LT.	900	900
11+440-11+540	C.T.H. "0" RT.	450	450
12+000-12+120	C.T.H. "0" RT.	540	540
12+000-12+157	C.T.H. "0" LT.	707	707
13+346-13+585	C.T.H. "0" LT.	1076	1076
13+360-13+585	C.T.H. "0" RT.	1013	1013
TOTAL		5947	5947

EROSION BALES

STATION	LOCATION	DELIVERED EACH	INSTALLED EACH
10+000	C.T.H. "0" LT.	3	3
10+040	C.T.H. "0" RT.	3	3
10+175	C.T.H. "0" LT.	3	3
10+420	C.T.H. "0" LT.	3	3
10+480	C.T.H. "0" RT.	3	3
10+640	C.T.H. "0" RT.	3	3
10+880	C.T.H. "0" LT. & RT.	6	6
11+060	C.T.H. "0" LT.	3	3
11+285	C.T.H. "0" RT.	3	3
11+440	C.T.H. "0" RT.	3	3
11+480	C.T.H. "0" LT.	3	3
11+540	C.T.H. "0" RT.	3	3
11+595	C.T.H. "0" LT.	3	3
11+880	C.T.H. "0" LT. & RT.	6	6
12+120	C.T.H. "0" RT.	3	3
12+155	C.T.H. "0" LT.	3	3
13+060	C.T.H. "0" RT.	3	3
13+108	C.T.H. "0" LT.	3	3
13+330	C.T.H. "0" LT.	3	3
13+360	C.T.H. "0" RT.	3	3
13+480	C.T.H. "0" LT. & RT.	6	6
13+580	C.T.H. "0" LT. & RT.	6	6
UNDISTRIBUTED		22	22
TOTALS		100	100

EARTHWORK SUMMARY

STATION	LOCATION	UNCLASSIFIED EXCAVATION m3	MARSH EXCAVATION m3	FILL m3	EXPANDED FILL m3	EXPANDED FILL FACTOR	SELECT BORROW m3	WASTE m3	E.B.S. m3
10+000-13+607.674	C.T.H. "0"	52,880	19,385	18,212	24,586	1.35	48,338	33,316	17,865

MISCELLANEOUS QUANTITIES

HWY: C.T.H. 0

COUNTY: ONEIDA

STATE PROJECT NO: 9461-02-70

SHEET NO: 3.A

M

R1700

WISDOT: MSHT42

R1700

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PAVEMENT MARKING, PAINT

STATION-STATION	LOCATION	100 mm DASHED	100 mm SOLID	100 mm SOLID	100 mm SOLID
		YELLOW CENTERLINE	YELLOW NO PASSING	WHITE EDGE LINE	WHITE STOP LINE
		m	m	m	m
10+000-13+607.674	C.T.H. "O"	2,440	2,320	7.200	3.6

ASPHALTIC CONCRETE PAVEMENT, TYPE "LV", ASPHALTIC MATERIAL FOR PLANT MIXES AND TACK COAT

STATION-STATION	LOCATION	ASPHALTIC CONCRETE	ASPHALTIC MATERIAL	
		PAVEMENT, TYPE "LV"	FOR PLANT MIXES	FOR TACK COAT
		Mg	@ 5.7% Mg	L
10+000-13+607.674	C.T.H."O"	5854	334	3000
49+967.9-49+996.4	CRANBERRY LAKE RD.	96	6	49
TOTALS		5950	340	3049

SALVAGED TOPSOIL, MULCHING, FERTILIZER AND SEEDING

STATION-STATION	LOCATION	SALVAGED TOPSOIL	MULCHING	FERTILIZER	SEEDING	SEEDING
		m2	Mg	TYPE B kg	NO. 10 kg	NO.60 kg
10+000-13+607.674	C.T.H. "O"	39934	18.0	1398	399	--
49+880-49+980	CRANBERRY LAKE RD.	1340	0.6	47	13	--
11+300-11+420	WETLAND #1	--	1.9	151	--	22
11+560-11+600	WETLAND #2	--	0.2	15	--	2
12+720-12+760	WETLAND #3	--	0.3	21	--	3
TOTALS		41274	21.0	1632	412	27

CROSS DRAINS

STATION	LOCATION	DIAMETER		R.C.C.P. CLASS	ELEVATION		APRON ENDWALLS	APRON ENDWALLS	REMARKS
		600mm	900mm		INLET	OUTLET	600mm	900mm	
		R.C.C.P.	R.C.C.P.				R.C.C.P.	R.C.C.P.	
		m	m				EACH	EACH	
10+280	C.T.H."O"	16	--	III	508.450	508.400	2	--	EQUILIZER PIPE
10+775	C.T.H."O"	14	--	III	509.800	509.600	2	--	
11+280	C.T.H."O"	17	--	III	510.800	510.700	2	--	
11+600	C.T.H."O"	15	--	III	507.000	506.800	2	--	
12+367	C.T.H."O"	17	--	III	500.750	500.750	2	--	EQUILIZER PIPE
12+742	C.T.H."O"	21	--	III	499.350	498.930	2	--	
13+130	C.T.H."O"	--	17	III	497.500	497.450	--	2	
13+585	C.T.H."O"	16	--	III	493.200	493.000	2	--	
TOTALS		116	17				14	2	

PRIVATE ENTRANCE PIPES

STATION	LOCATION	DIAMETER	CLASS	THICKNESS (mm)		ELEVATION		APRON ENDWALLS	REMARKS
		450mm		STEEL	ALUMINUM	INLET	OUTLET	450mm	
		C.P.						C.P.	
		m	EACH						
10+165	FE LT.	10	III	1.6	1.5	508.640	508.610	2	
10+483	FE LT.	12	III	1.6	1.5	512.540	512.350	2	
10+652	FE RT.	12	III	1.6	1.5	511.400	511.000	2	
10+872	FE RT.	10	III	1.6	1.5	510.300	510.280	2	
11+560	FE LT.	14	III	1.6	1.5	-----	-----	2	
12+164	FE LT.	14	III	1.6	1.5	504.800	504.180	2	
12+705	FE LT.	18	III	1.6	1.5	500.015	499.385	2	
13+340	PE LT.	12	III	1.6	1.5	497.360	497.240	2	
TOTALS		102						16	

CRUSHED AGGREGATE BASE COURSE AND WATER

STATION-STATION	LOCATION	CABC Mg	WATER kL
10+000-13+607.674	C.T.H."O"		
	MAINLINE	26844	1074
	SHOULDERS	2870	115
	ENTRANCES	940	40
49+880-49+996.4	CRANBERRY LAKE RD.	766	31
TOTALS		31420	1260

LOCATING NO-PASSING ZONES

STATION-STATION	km
10+000-13+607.674	3.6

CONCRETE CURB & GUTTER, 900 mm, TYPE "D"

STATION	LOCATION	QUANTITY m
11+890-11+970	C.T.H."O"LT.	80
13+580-13+601	C.T.H."O"LT.	30
13+589-13+601	C.T.H."O"RT.	17
TOTALS		127

ASPHALTIC FLUMES

STATION	LOCATION	QUANTITY m2
11+890	C.T.H. "O" LT.	6
11+970	C.T.H. "O", LT.	6
13+600	C.T.H. "O" LT./RT.	16
TOTAL		28

SODDING

STATION	LOCATION	QUANTITY m2
11+280	C.T.H."O"RT.	12
11+880-11+890	C.T.H."O"LT.	14
13+585	C.T.H."O"RT.	86
UNDISTRIBUTED		31
TOTAL		143

MISCELLANEOUS QUANTITIES

HWY: C.T.H. Q

COUNTY: ONEIDA

STATE PROJECT NO: 9461-02-70

SHEET NO: 3.3

M

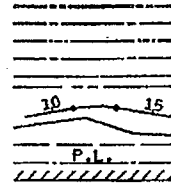
R1700

R1700

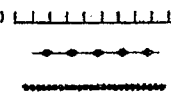
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CONVENTIONAL SYMBOLS AND ABBREVIATIONS

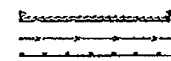
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COUNTY LINE
TOWNSHIP & RANGE LINES
QUARTER LINE
SIXTEENTH LINE
SECTION LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
CORPORATE LIMITS



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



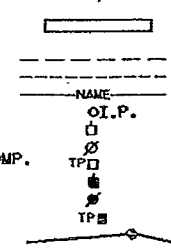
LIMITED EASEMENT
FENCE
BEAM GUARD



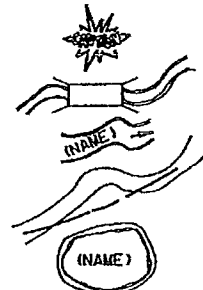
SECTION CORNER



CULVERT (BOX, PIPE OR CATTLE)
LOT & TIE
SLOPE INTERCEPTS
UNDERGROUND UTILITIES
IRON PIN/PIPE
POWER POLE NON COMP.
TELEPHONE POLE NON COMP.
TELEPHONE PEDESTAL NON COMP.
POWER POLE COMP.
TELEPHONE POLE COMP.
TELEPHONE PEDESTAL COMP.
MONUMENTED R/W POINT



NOTATION FOR COMBUSTIBLE FLUIDS



BRIDGE

STREAM OR RIVER

CHANNEL CHANGE

LAKE

RAIL LINE

FOUNDATION OR RUINS BUILDING

STLO, MANHOLE, WELL, VENT, SEPTIC TANK, ETC.

A.P. ACCESS POINT
AC. ACRES
A.H. AHEAD
ALUM. ALUMINUM
ET.AL. AND OTHERS
BK. BACK
BIT. BITUMINOUS
C.M. CABLE MARKER
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
H. HOUSE
ha HECTARES
I.P. IRON PIPE
L.C. LAND CONTRACT
LT. LEFT
L. LENGTH OF CURVE
L.C. LONG CHORD

L.C.B. LONG CHORD BEARING
M.H. MANHOLE
m METERS
MON. MONUMENT
O.L. OUTLOT
P. PAGE
P.K. PARKER-KALON
P.L.E. PERMANENT LIMITED EASEMENT
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
X EAST COORDINATE (GRID)
Y NORTH COORDINATE (GRID)

BEGIN RELOCATION ORDER PROJECT 9461-02-00

STA 10+000.00

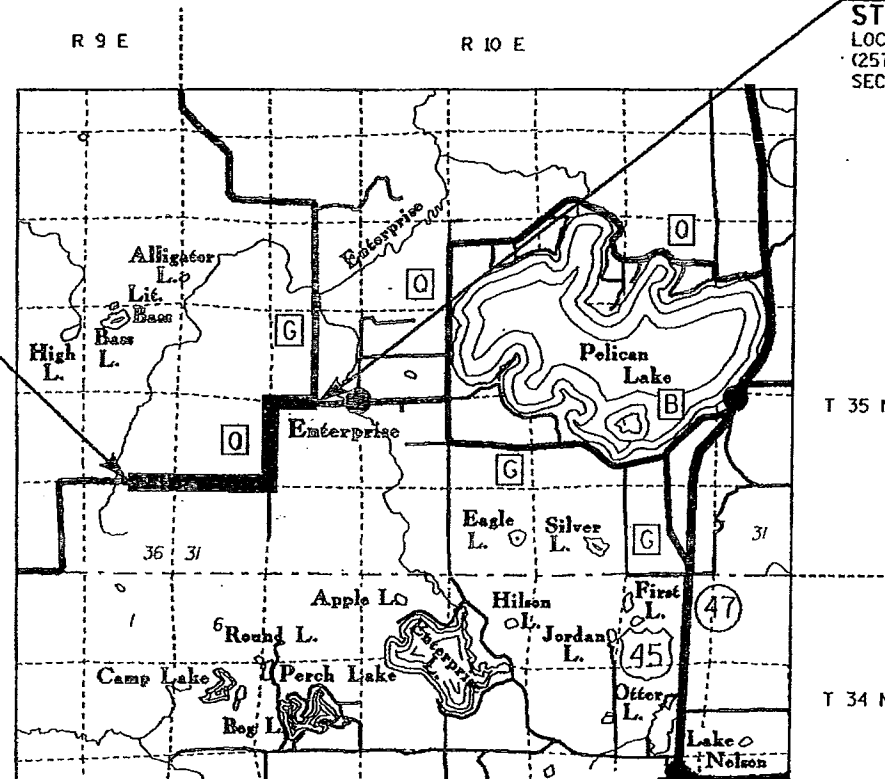
X = 663 380 (± 30 m)
Y = 35 520 (± 30 m)

LOCATED 3.201 m (10.50 FEET) NORTH AND 262.688 m (861.84 FEET) EAST OF THE NORTHWEST CORNER OF SECTION 31, TOWNSHIP 35 NORTH, RANGE 10 EAST.

END RELOCATION ORDER PROJECT 9461-02-00

STA 13+555.528

LOCATED 9.079 m (29.79 FEET) SOUTH AND 784.515 m (2573.86 FEET) EAST OF THE NORTHWEST CORNER OF SECTION 29, TOWNSHIP 35 NORTH, RANGE 10 EAST.



NOTES

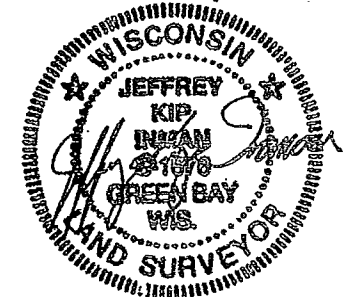
RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

LAYOUT

0 2 km
SCALE

TOTAL NET LENGTH OF REFERENCE LINE = 3.604 km (2.239 MILES)

PREPARED BY
AYRES Engineers/Architects
Scientists/Surveyors
2077 Airport Drive #21
ASSOCIATES Green Bay, Wisconsin 54313



DATE: July 14, 1997

REVISION DATE

APPROVED FOR ONEIDA COUNTY

R1700

DATE: 6/26/97
COUNTY HIGHWAY COMMISSIONER

R1700

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, DESIGN FILE IS IN 440232.dgn\wrsched.dgn

SCHEDULE OF LANDS & INTERESTS REQUIRED

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

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	TOTAL AREA	R/W AREA REQUIRED			TOTAL AREA REMAINING	P.L.E. AREA	T.L.E. AREA
					NEW	EXISTING	TOTAL			
1	4.2	WILBUR G. AND SYLVIA D. ROBISON	FEE	8.903 ha (22.00 AC)	0.055 ha (0.14 AC)	0.184 ha (0.45 AC)	1.239 ha (0.59 AC)	7.664 ha (21.41 AC)	----	----
2	4.2	DOUGLAS R. AND RUSSELL F. BROWN	FEE	17.806 ha (44.00 AC)	0.040 ha (0.10 AC)	0.184 ha (0.45 AC)	0.224 ha (0.55 AC)	17.582 ha (43.45 AC)	----	----
3	4.2	WILBUR G. AND SYLVIA D. ROBISON AND GARY HELSER	FEE	12.141 ha (30.00 AC)	0.044 ha (0.11 AC)	0.224 ha (0.55 AC)	0.268 ha (0.66 AC)	11.873 ha (29.34 AC)	----	----
4	4.2,4.3	ENTERPRISE SCHOOL DISTRICT NO. 1	FEE	16.187 ha (40.00 AC)	0.130 ha (0.32 AC)	0.448 ha (1.11 AC)	0.578 ha (1.43 AC)	15.609 ha (38.57 AC)	----	----
5	4.2,4.3	WILBUR G. AND SYLVIA D. ROBISON	FEE AND T.L.E.	4.047 ha (10.00 AC)	0.159 ha (0.39 AC)	0.224 ha (0.55 AC)	0.383 ha (0.94 AC)	3.664 ha (9.06 AC)	----	0.008 ha (0.02 AC.)
6	4.3	CECIL JENKINS	FEE AND T.L.E.	131.233 ha (40.00 AC)	0.124 ha (0.31 AC)	0.426 ha (1.05 AC)	0.550 ha (1.36 AC)	130.683 ha (38.64 AC)	----	0.004 ha (0.01 AC.)
7	4.3	ROBERT J. AND SHARON RODZICZAK	FEE	16.187 ha (40.00 AC)	0.156 ha (0.39 AC)	0.426 ha (1.05 AC)	0.582 ha (1.44 AC)	15.605 ha (38.56 AC)	----	----
8	4.3,4.4,4.5	SCOTT W. AND BARBARA W. KRUEGER	FEE AND T.L.E.	31.565 ha (78.00 AC)	0.241 ha (0.60 AC)	0.749 ha (1.85 AC)	0.990 ha (2.45 AC)	30.575 ha (75.55 AC)	----	0.004 ha (0.01 AC.)
9	4.3,4.4	MRS. MARY JENKINS	FEE	14.973 ha (37.00 AC)	2.043 ha (5.05 AC)	1.206 ha (2.98 AC)	3.249 ha (8.03 AC)	11.724 ha (28.97 AC)	----	----
10	4.4,4.5	ROGER AND JEANIE GARITE	FEE	32.375 ha (80.00 AC)	0.283 ha (0.70 AC)	0.242 ha (0.60 AC)	0.525 ha (1.30 AC)	31.85 ha (78.70 AC)	----	----
11	4.5,4.6,4.7	MYRTLE P. KUNZE	FEE AND T.L.E.	16.187 ha (116.00 AC)	1.286 ha (3.18 AC)	1.753 ha (4.33 AC)	3.039 ha (7.18 AC)	43.905 ha (108.49 AC)	----	0.016 ha (0.04 AC.)
12	4.6	WILLIAM J. RIEMER, ET. AL. AND ARTHUR D. AND ELIZABETH ELESSER	FEE	30.756 ha (80.00 AC)	0.102 ha (0.25 AC)	0.351 ha (0.87 AC)	0.453 ha (1.12 AC)	30.303 ha (78.88 AC)	----	----
13	4.5,4.6,4.7	ROZELLA S. AND ANTHONY GEO. GECAS	FEE	24.281 ha (60.00 AC)	0.174 ha (0.43 AC)	0.573 ha (1.42 AC)	0.747 ha (1.85 AC)	23.534 ha (58.15 AC)	----	----
14	4.6,4.7	ARLENE L. BUELOW	FEE AND T.L.E.	16.187 ha (40.00 AC)	0.187 ha (0.46 AC)	0.401 ha (0.99 AC)	0.588 ha (1.45 AC)	15.599 ha (38.55 AC)	----	0.008 ha (0.02 AC.)
15	4.2-4.7	WISCONSIN PUBLIC SERVICE CORPORATION	RELEASE	----	----	----	----	----	----	----
16	4.7	HEADWATERS TELEPHONE COMPANY	RELEASE	----	----	----	----	----	----	----

R1700

R1700

GB 4
PEN TABLE = #plot724iuser-mw800p.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS IN-440232.dgn

TOWN

DOUGLAS R. BROWN AND RUSSELL F. BROWN

②

SW-SW

30-35-10

EASEMENT
WISCONSIN PUBLIC SERVICE CORPORATION
V. 321 PG. 185

⑮

ENTERPRISE SCHOOL DISTRICT NO. 1

④

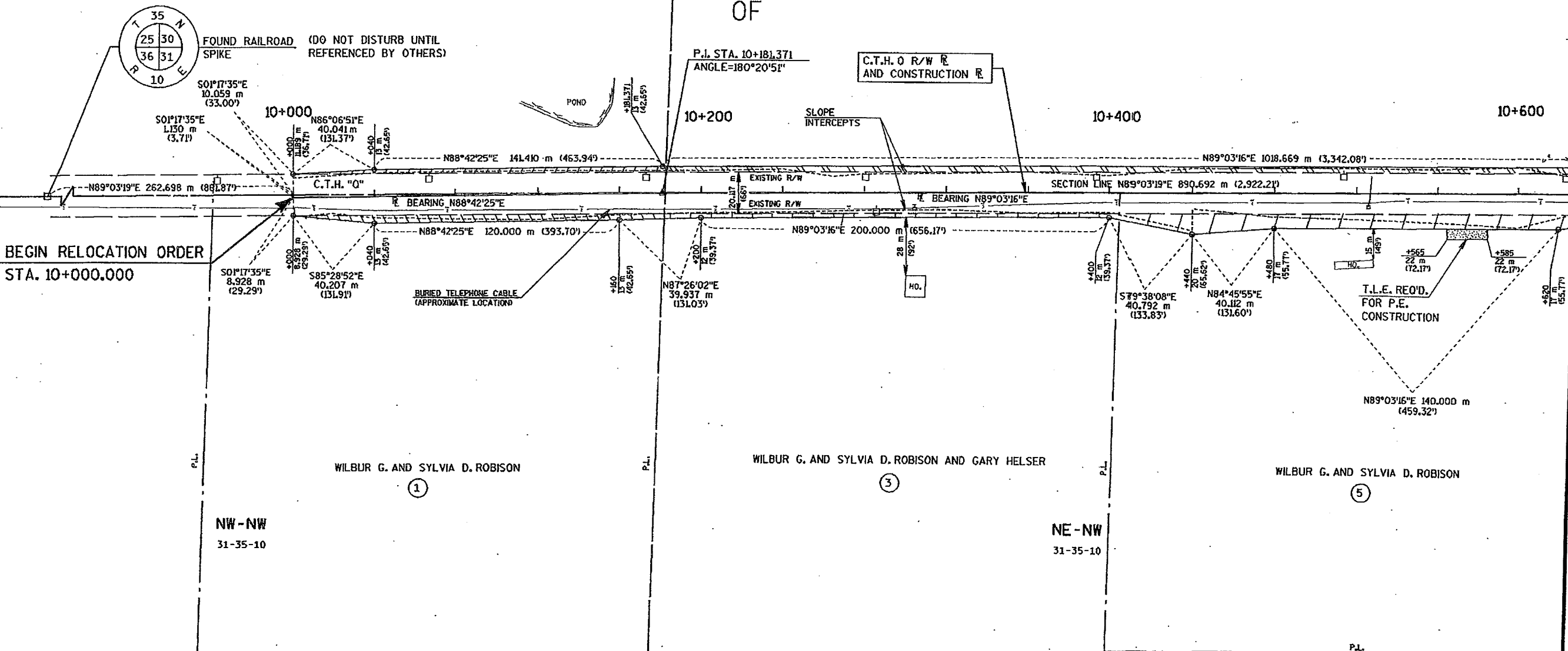
SE-SW

30-35-10

EASEMENT
WISCONSIN PUBLIC SERVICE CORPORATION
V. 322 PG. 236

⑮

OF



R1700

ENTERPRISE

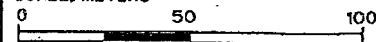
REVISION DATE

DATE

06-26-1997

GRID FACTOR

SCALE, METERS



HWY: C.T.H. 0

COUNTY: ONEIDA

FEDERAL PROJECT NO:

STATE R/W PROJECT NO: 9461-02-00

9461-02-10

4.3

SHEET NO: 4.2

M

ORIGINATOR:

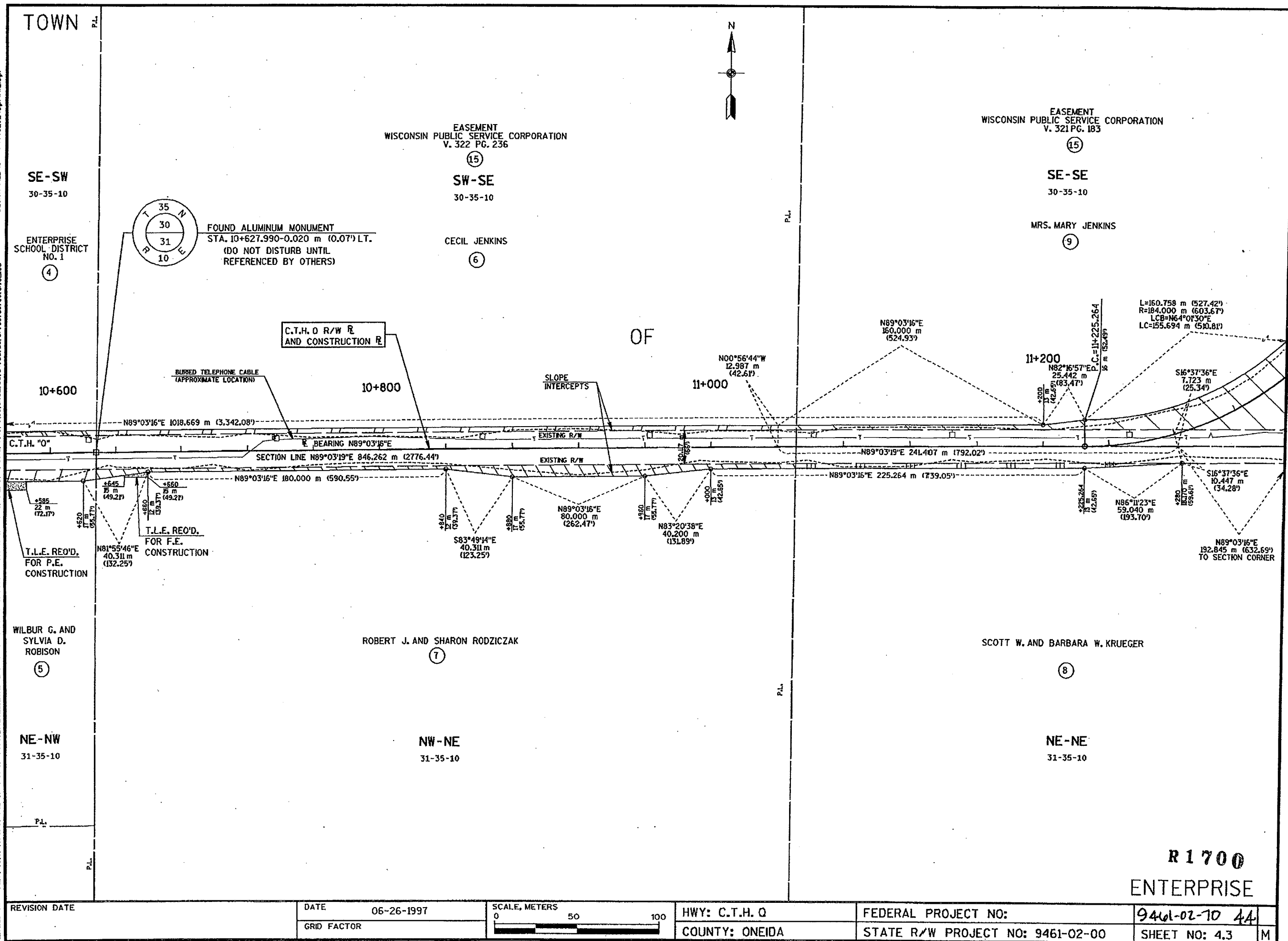
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WISCONSIN MSH 176


```

GB 4
OPEN TABLE = $plot72=ioser+mv80pp.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS I:\440232\ dgn\rw2.dgn

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R 1700
ENTERPRISE

9461-02-70 4A

SHEET NO: 4.3

WINDYSET*

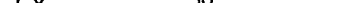
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GB 4
OPEN TABLE = #plot72\data\qser\mv80pp.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS I:\440232\dgn\rw3.dgn

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ORIGINATOR:
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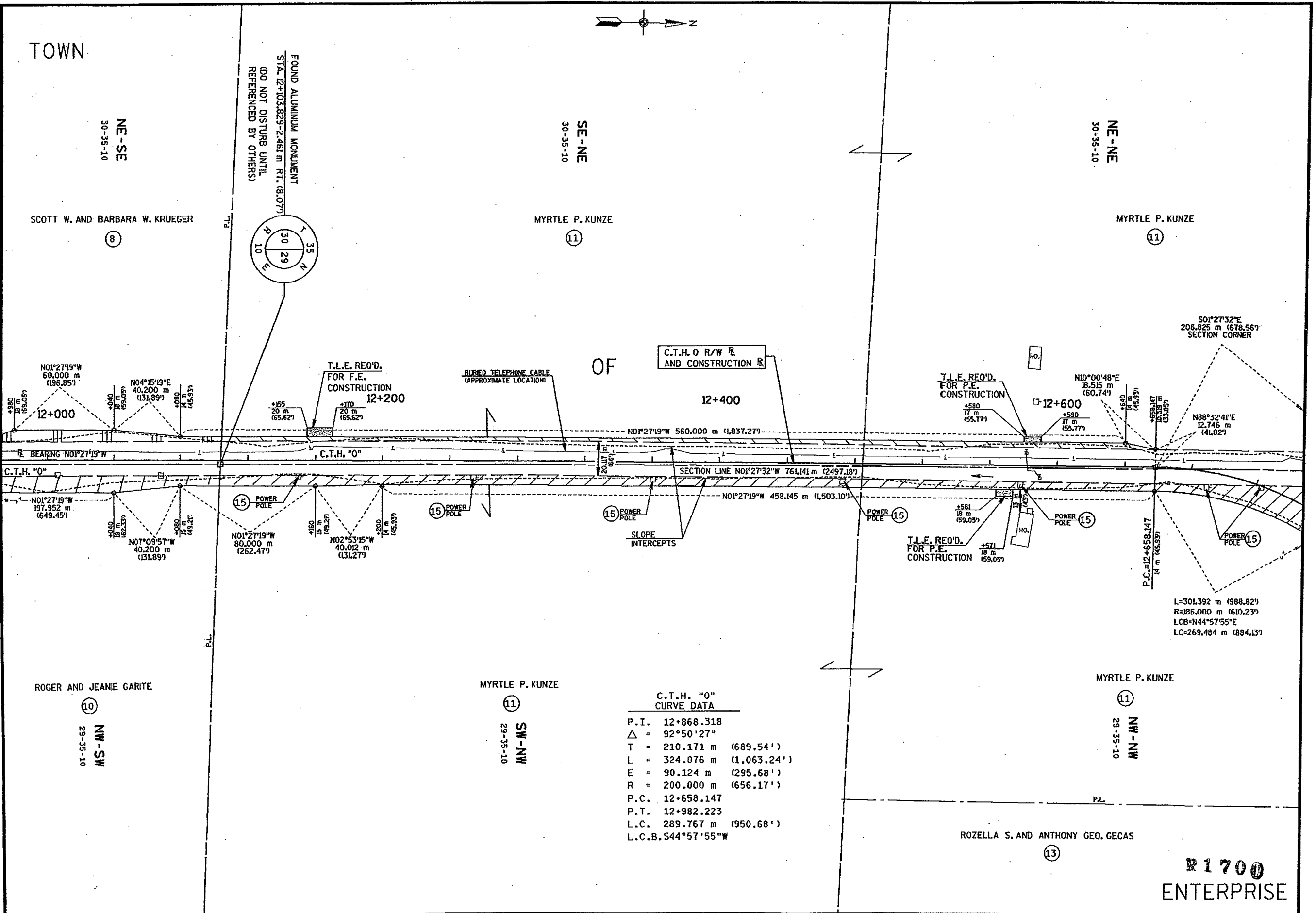
REVISION DATE	DATE	SCALE, METERS 0 50 100	HWY: C.T.H. 0	FEDERAL PROJECT NO:	9461-02-10 4.5
	GRID FACTOR		COUNTY: ONEIDA	STATE R/W PROJECT NO: 9461-02-00	SHEET NO: 4.4

WIEDO F MSETZ

R1700

GB 4
PEN TABLE = #plot72alocser-smv80pp.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS IN 440232\gnvnm4.dgn

ORIGINATOR:
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



C.T.H. "0" CURVE DATA	
P.I.	12+868.318
Δ	92°50'27"
T	210.171 m (689.54')
L	324.076 m (1,063.24')
E	90.124 m (295.68')
R	200.000 m (656.17')
P.C.	12+658.147
P.T.	12+982.223
L.C.	289.767 m (950.68')
L.C.B.	S44°57'55"W

REVISION DATE	DATE 06-26-1997	SCALE, METERS 0 50 100	HWY: C.T.H. Q	FEDERAL PROJECT NO:	9461-02-10 4-0
GRID FACTOR			COUNTY: ONEIDA	STATE R/W PROJECT NO: 9461-02-00	SHEET NO: 4.5 M

R1700
ENTERPRISE

R1700

TOWN

SE-SE
19-35-10

MARK A. KUNZE

SW-SW
20-35-10

WILLIAM J. RIEMER, ET.AL.

SE-SW
20-35-10

ARLENE L. BUELOW

BB 4
PEN TABLE = #plot22class=smv80pp.tbl
DATE OF PLOT = 03/05/98
PLOT NO
DESIGN FILE IS R440232.dgn v=3.dgn

ORIGINATOR:
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

C.T.H. "O"
CURVE DATA
P.I. 12+868.318
 $\Delta = 92^\circ 50' 27''$
T = 210.171 m (689.54')
L = 324.076 m (1,063.24')
E = 90.124 m (295.68')
R = 200.000 m (656.17')
P.C. 12+658.147
P.T. 12+982.223
L.C. 289.767 m (950.68')
L.C.B. S44°57'55"W

MYRTLE P. KUNZE
(11)

NE-NE
30-35-10

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)

S01°27'32"E
206.825 m
(678.567)

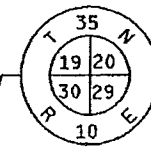
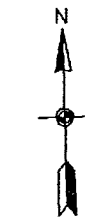
N88°32'41"E
12.746 m
(41.827)

+558.147
10.319 m
(33.859)

N10°00'48"E
18.515 m
(60.747)

+540
14 m
(45.937)

N01°27'19"W
560.000 m
(1,837.277)



FOUND REBAR
STA. 12+819.794-86.035 m LT. (282.27')
(DO NOT DISTURB UNTIL
REFERENCED BY OTHERS)
S88°54'34"E
162.497 m
(533.13')

L=47.793 m (156.80')
R=213.000 m (698.82')
LCB=N84°57'28"E
LC=47.692 m (156.47')

L=44.876 m (147.23')
R=200.000 m (656.17')
LCB=N84°57'28"E
LC=44.781 m (146.92')

C.T.H. O R/W R
AND CONSTRUCTION R

OF

N11°28'12"W
10.305 m
(33.81')

S11°28'12"E
2.595 m
(8.84')

(15) POWER
POLE

C.T.H. "O"

S11°28'12"E
14.000 m
(45.93')

L=41.734 m (136.92')
R=186.000 m (610.23')
LCB=N84°57'28"E
LC=41.647 m (136.64')

L=301.392 m (988.82')
R=186.000 m (610.23')
LCB=N44°57'55"E
LC=269.484 m (884.13')

MYRTLE P. KUNZE
(11)

NW-NW
29-35-10

ROZELLA S. AND ANTHONY GEO. GECAS

(13)

NE-NW
29-35-10

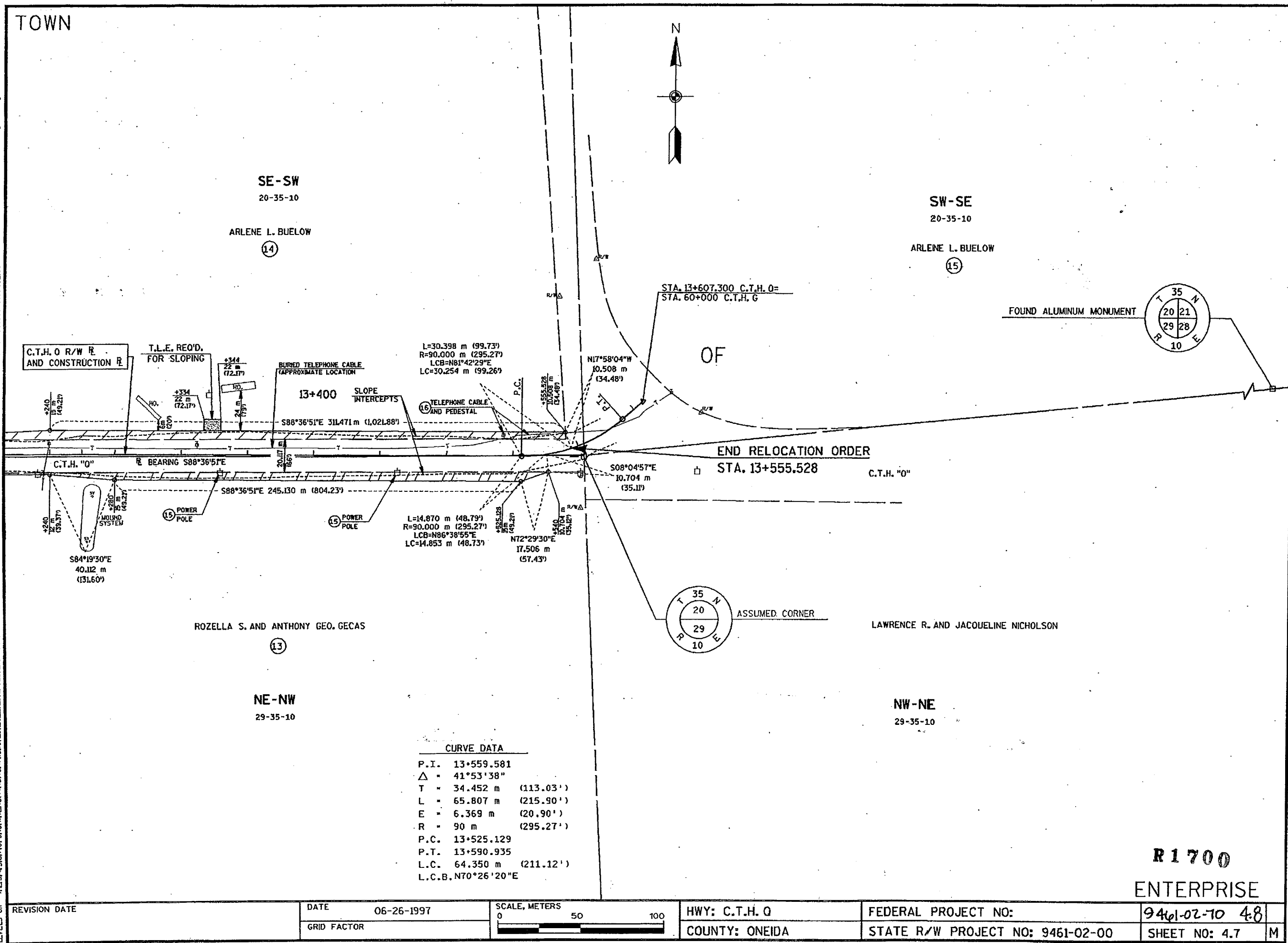


R1700
ENTERPRISE

REVISION DATE	DATE 06-26-1997	SCALE, METERS 0 50 100	HWY: C.T.H. O	FEDERAL PROJECT NO:	9461-02-00
GRID FACTOR			COUNTY: ONEIDA	STATE R/W PROJECT NO: 9461-02-00	SHEET NO: 4.6
FILE NAME:					M

W18001: MSHY18

ORIGINATOR:
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

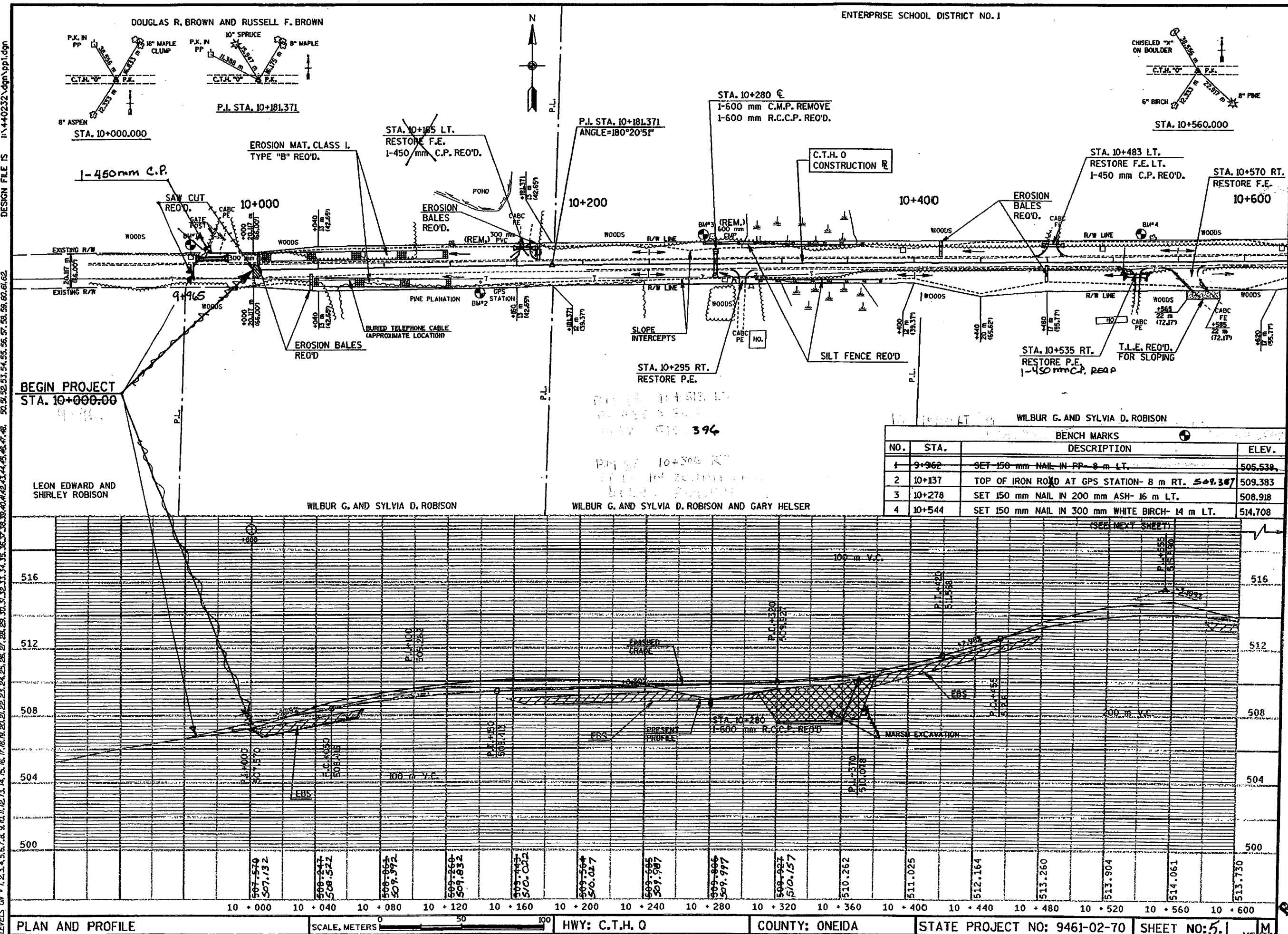


R 1700
ENTERPRISE

R1700

GB 2
PEN TABLE = 4plot724088r-mv80dp.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS I:\440232\dn\pp1.dgn

ORIGINATOR: DJD
PROJECT NO: 440232.00
LEVELS ON = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62



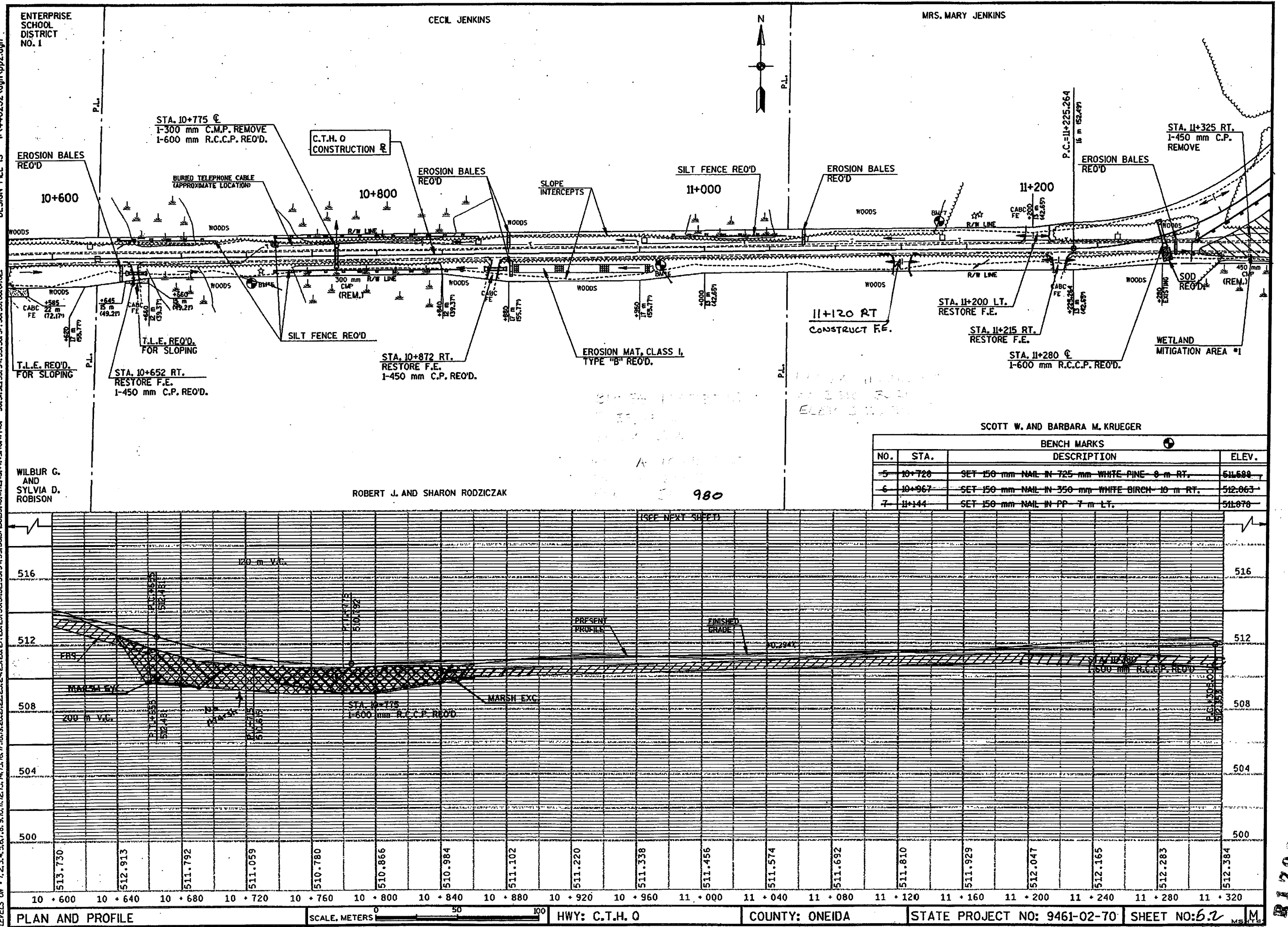
R1700

CB 4
PEN TABLE = #plot724user+mv80pp.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS I:\440232\dgn\pp2.dgn

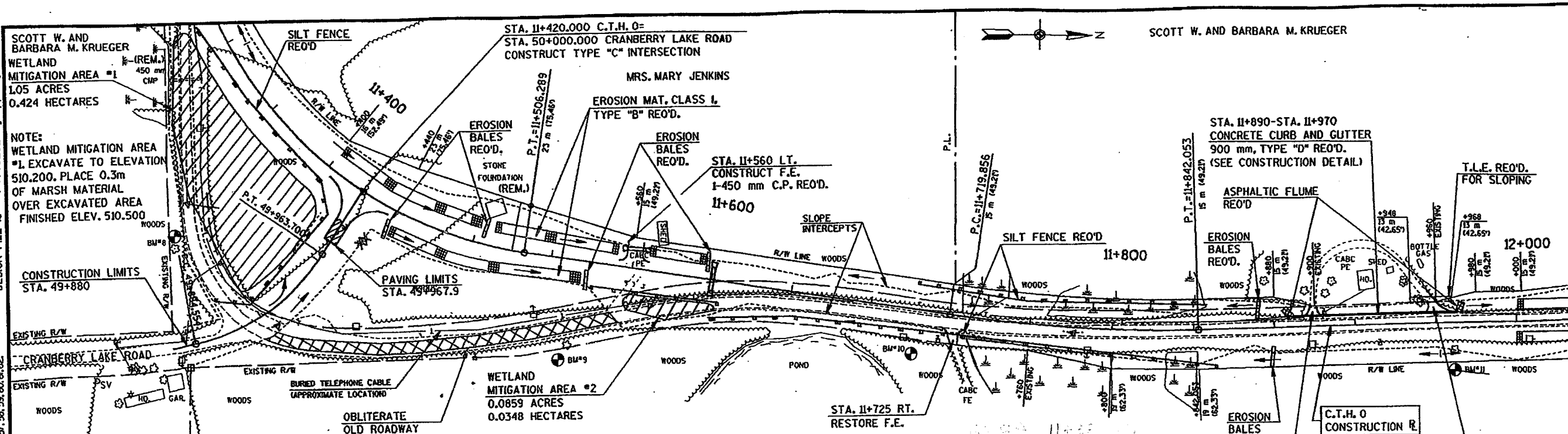
ORIGINATOR: DJD DATE: FILE NAME:

PROJECT NO: PLOT NAME: SCALE:

DESIGN FILE IS I:\440232\dn\pp2.dgn



GB 2
PEN TABLE = #plot7240808r\mv800p.tbl
DATE OF PLOT = 07/24/98
PLOT NA
DESIGN FILE IS 11440232.dgn\pp3.dgn

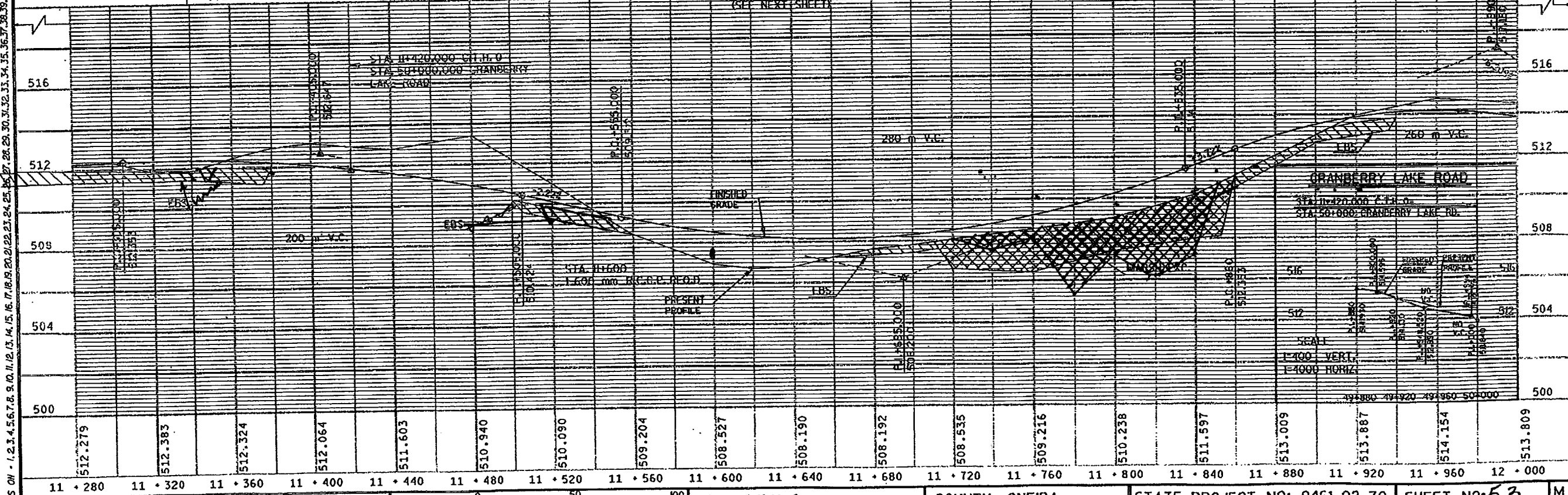


C.T.H. "O" CURVE DATA		CRANBERRY LAKE RD. CURVE DATA		C.T.H. "O" CURVE DATA	
P.I.	11+394.600	P.I.	49+926.331	P.I.	11+781.110
Δ	80°30'28"	Δ	45°20'52"	Δ	10°00'07"
T	169.336 m	T	41.777m	T	61.254 m
L	281.025 m	L	79.147m	L	122.197 m
E	62.058 m	E	8.376m	E	2.675 m
R	200 m	R	100m	R	700 m
P.C.	11+225.264	P.C.	49+884.554	P.C.	11+719.856
P.T.	11+506.289	P.T.	49+963.700	P.T.	11+842.053
R.O.	40m	S.E.	N/C	R.O.	40m
S.E.	5.9%	R.O.	N/A	S.E.	3.4%

NOTE: WETLAND MITIGATION AREA #2. EXCAVATE TO ELEVATION 506.400. PLACE 0.3 m OF MARSH MATERIAL OVER EXCAVATED AREA. FINISHED ELEVATION 506.700

ROGER AND JEANIE GARITE

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
8	11+374	SET 150 mm NAIL IN 300 mm WHITE BIRCH- 81m RT.	513.013
9	11+537	SET 150 mm NAIL IN 375 mm WHITE BIRCH- 41m RT.	509.103
10	11+698	SET 150 mm NAIL IN PP- 14 m RT.	506.948
11	11+969	SET 150 mm NAIL IN 300 mm TWIN MAPLE- 13 m RT.	515.193



ORIGINATOR: DJD
PROJECT NO: 440232.00
DATE: 07/01/97
PLOT NAME:
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

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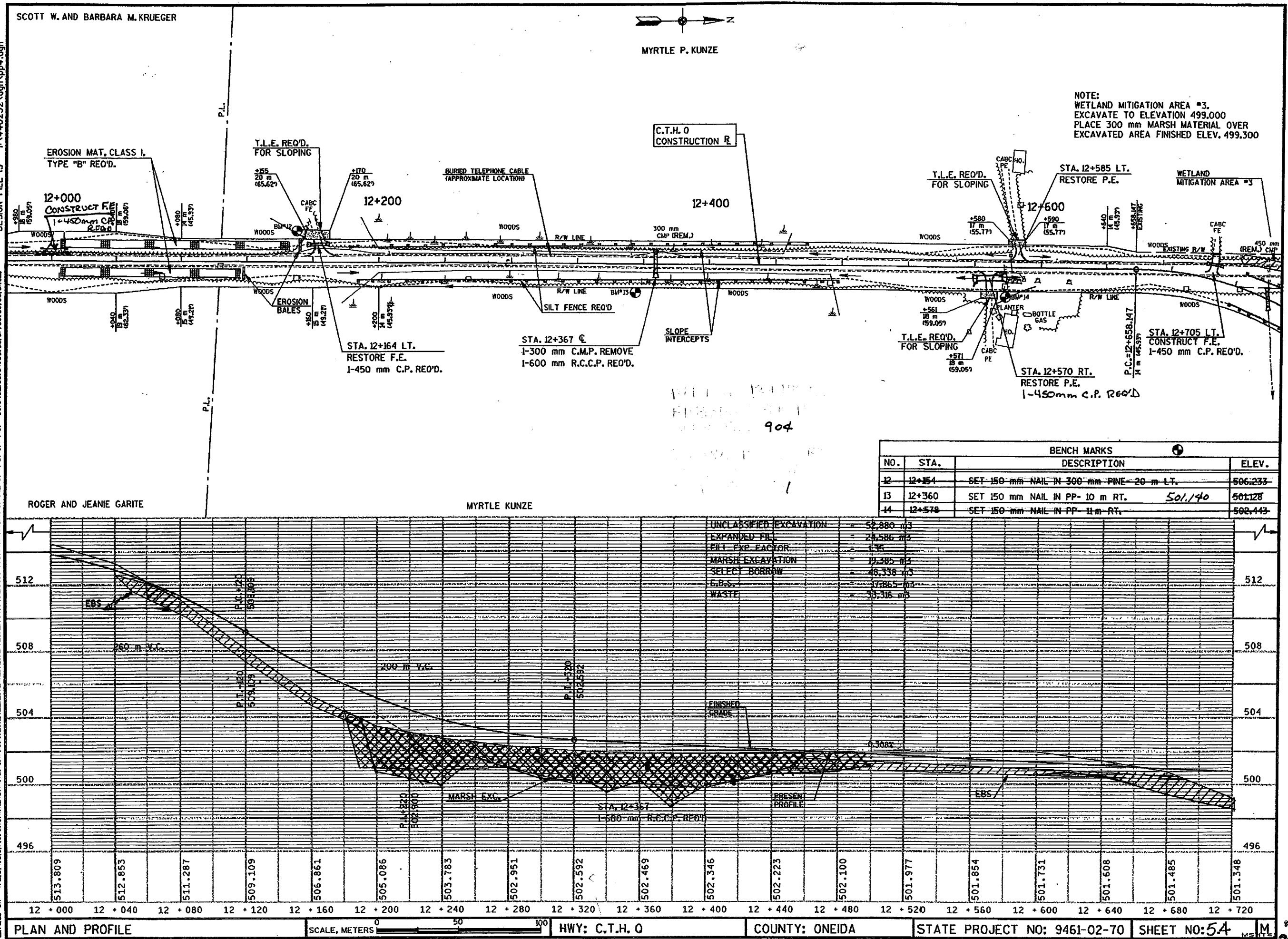
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DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS I:\440232\dgn\pp4.dgn

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ORIGINATOR: DJD DATE: 07/01/97 FILE NAME:

PROJECT NO: 440332.00 PLOT NAME: SCALE:

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, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62



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PEN TABLE = #plot72+laser+mv80pp.tbl
DATE OF PLOT = 03/05/98
PLOT NA
DESIGN FILE IS I:\440232\dgn\pp5.dgn

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ORIGINATOR: DJD DATE: 07/01/97 FILE NAME:

PROJECT NO: 440232.00 PLOT NAME: SCALE:

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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, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62

PLAN AND PROFILE

SCALE, METERS

HWY: C.T.H. Q

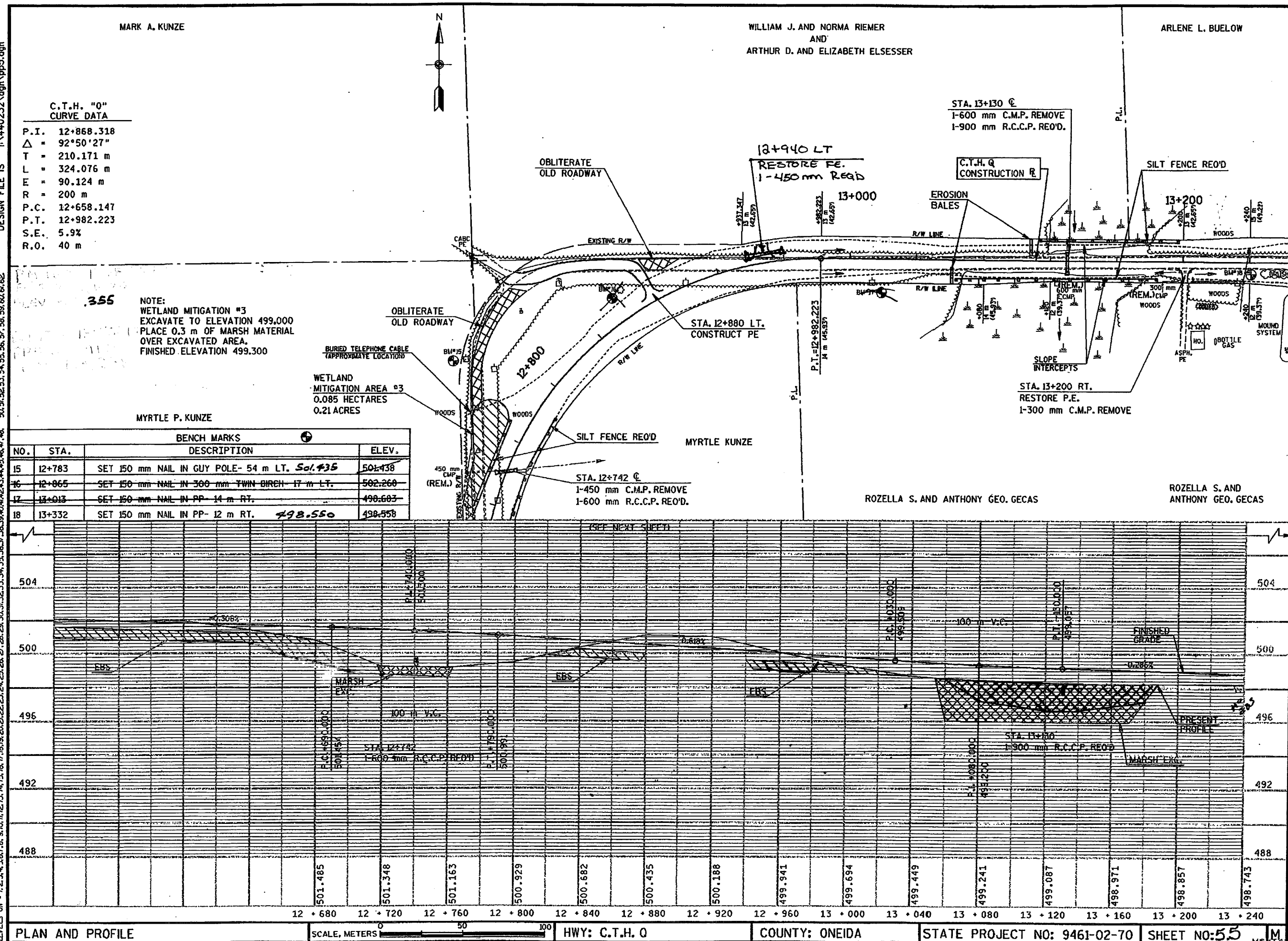
COUNTY: ONEIDA

STATE PROJECT NO: 9461-02-70

SHEET NO: 5.5

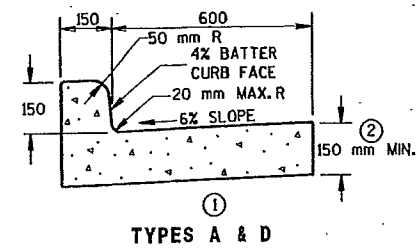
	M
--	---

WLABOT: MSHT4

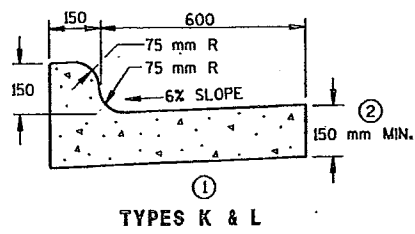


R1700

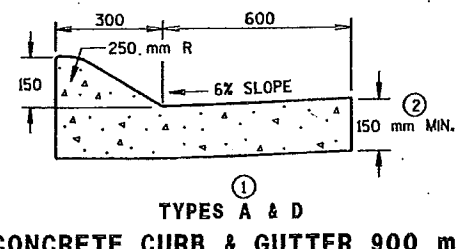
LEVELS ON * 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



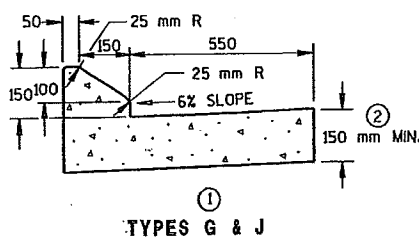
TYPES A & D



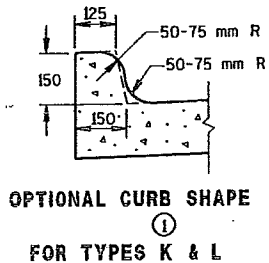
TYPES K & L



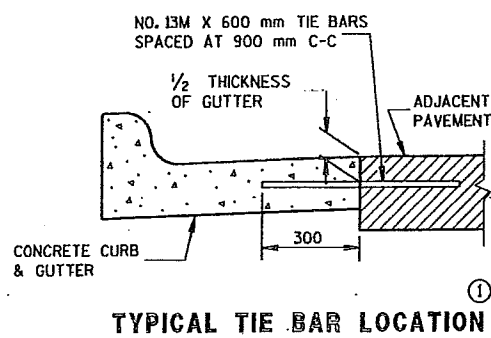
TYPES A & D
CONCRETE CURB & GUTTER 900 mm



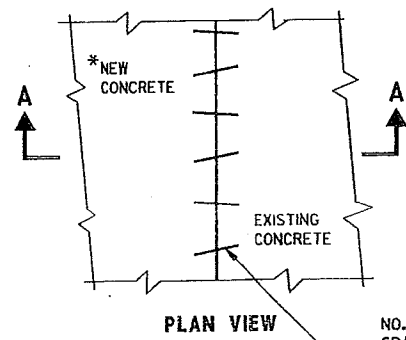
TYPES G & J



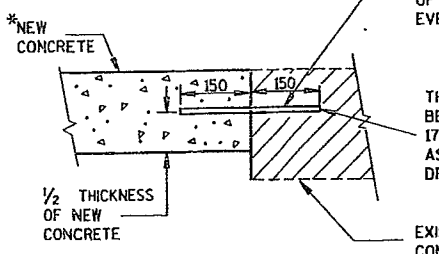
OPTIONAL CURB SHAPE
FOR TYPES K & L



TYPICAL TIE BAR LOCATION



PLAN VIEW



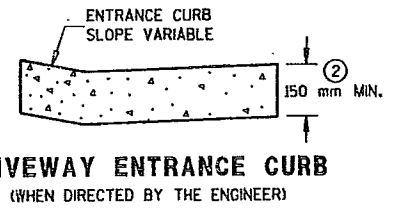
SECTION A-A
PAVEMENT TIES

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

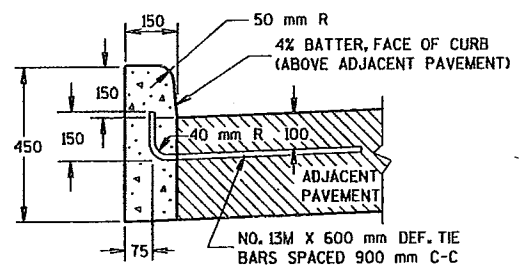
NO. 19M X 300 mm DEF. BARS
SPACED 900 mm C-C,
INSTALLED ON 6:1 SKEW
HORIZONTALLY. DIRECTION
OF SKEW ALTERNATING AFTER
EVERY ONE OR TWO BARS.

THE HOLE FOR THE BAR SHALL
BE DRILLED TO A DEPTH OF
175 mm AND TO SUCH A DIAMETER
AS TO PROVIDE A TIGHT
DRIVEN FIT

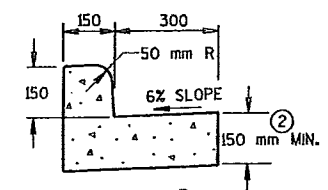
EXISTING
CONCRETE



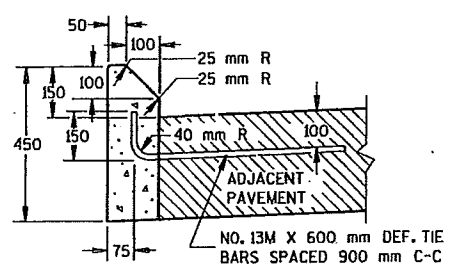
DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)



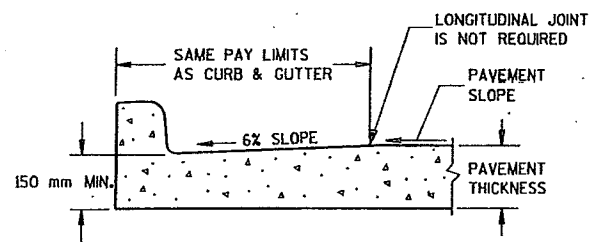
TYPES A & D



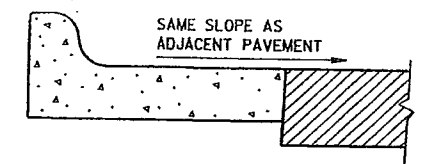
TYPES A & D
CONCRETE CURB & GUTTER 450 mm



TYPES G & J



PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



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

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 600 mm 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 150 mm MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

NOTE

DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

CONCRETE CURB, CONCRETE
CURB & GUTTER AND
PAVEMENT TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/22/96
DATE
Roy A. Hines
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHA