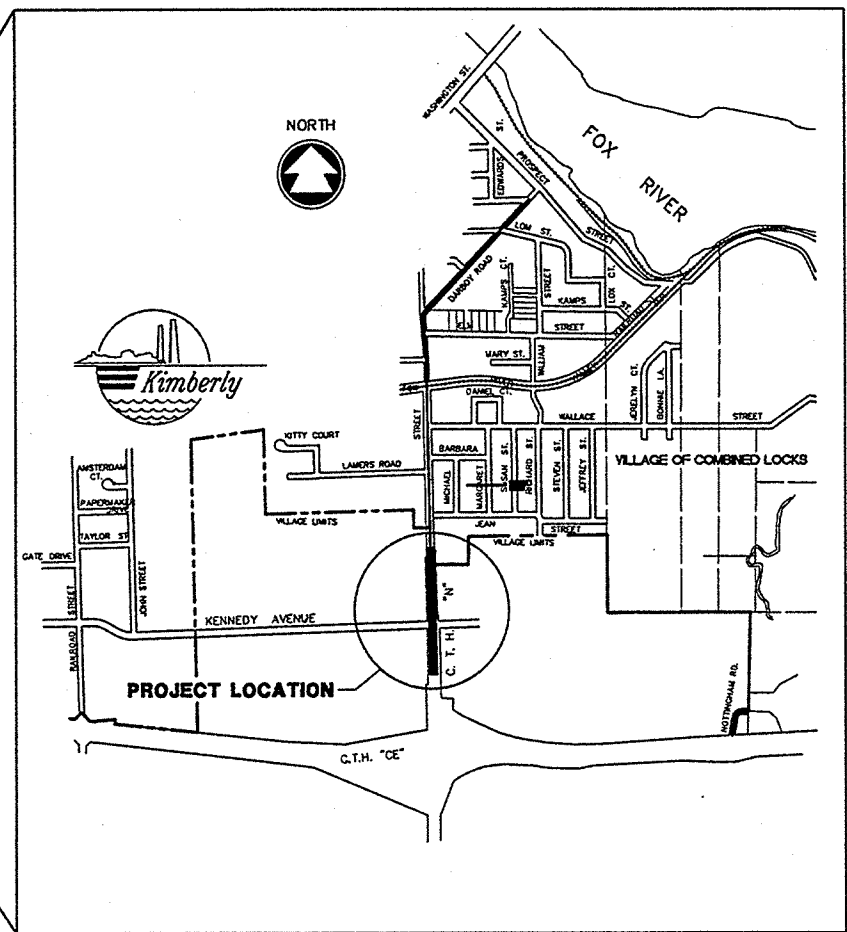
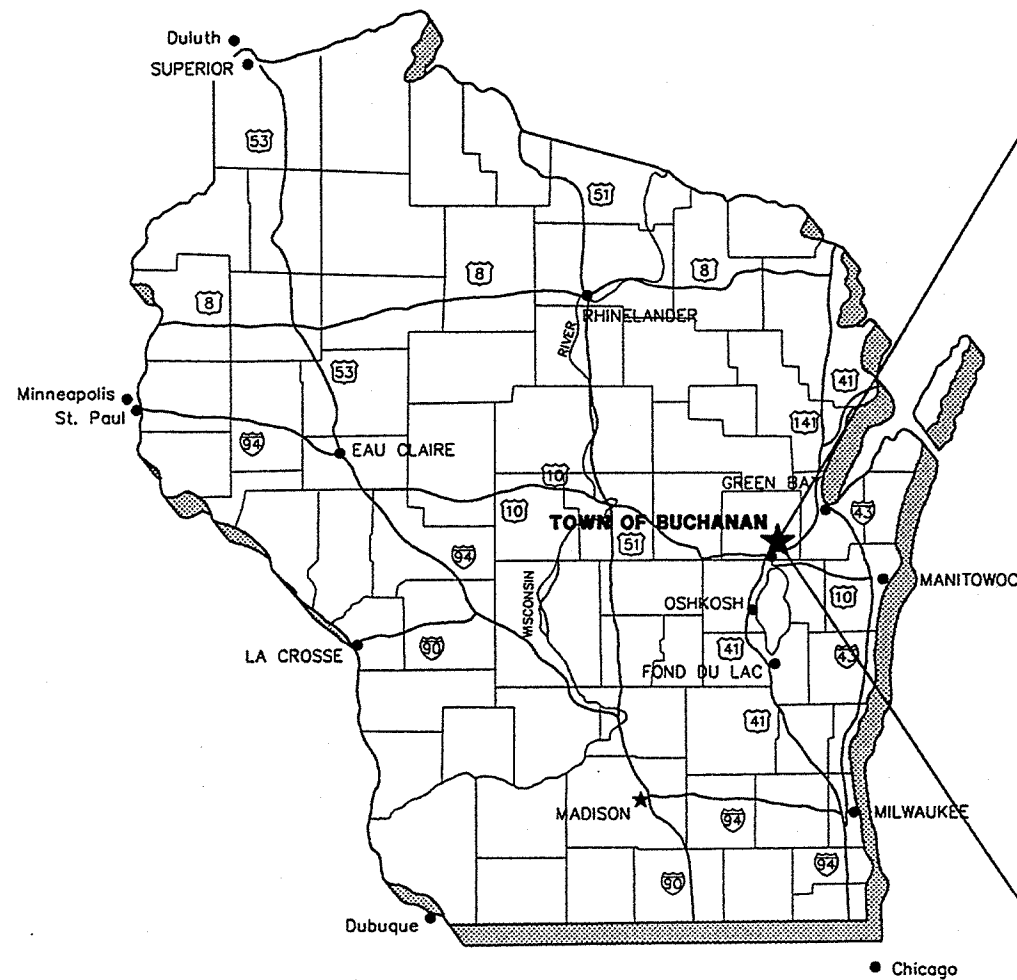
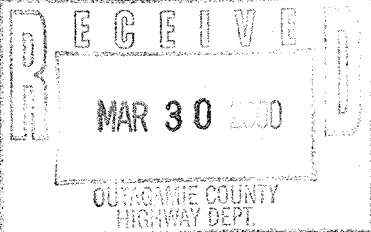
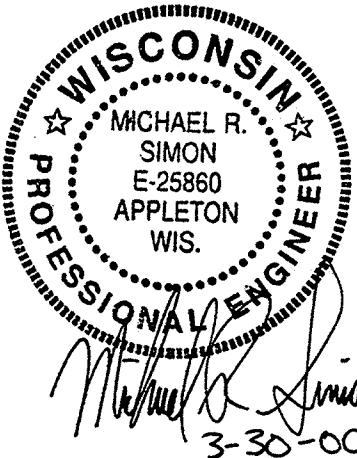


C.T.H. N
C.T.H. CE - JEAN STREET
STREET CONSTRUCTION
TOWN OF BUCHANAN
OUTAGAMIE COUNTY, WISCONSIN



SHEET INDEX

1 - 3	TYPICAL SECTIONS
4 - 5	MISCELLANEOUS QUANTITIES
6 - 8	PLAN / PROFILE
9 - 11	CONSTRUCTION DETAILS
12	STORM SEWER SUMMARY
13	HORIZONTAL ALIGNMENT DIAGRAM
14	EARTHWORK SUMMARY
15 - 19	CROSS SECTIONS



MCM
McMAHON ■ ENGINEERS
■ ARCHITECTS
■ SCIENTISTS
■ SURVEYORS
ASSOCIATES, INC.
1445 McMahon Drive Neenah, WI 54956
Mailing Address:
P.O. Box 1025 Neenah, WI 54957-1025
TEL: 920-751-4200 FAX: 920-751-4284

DATE	JAN., 2000
PROJECT NO.	0009-99563
SHEET NO.	T1
FILE NO.	CAD

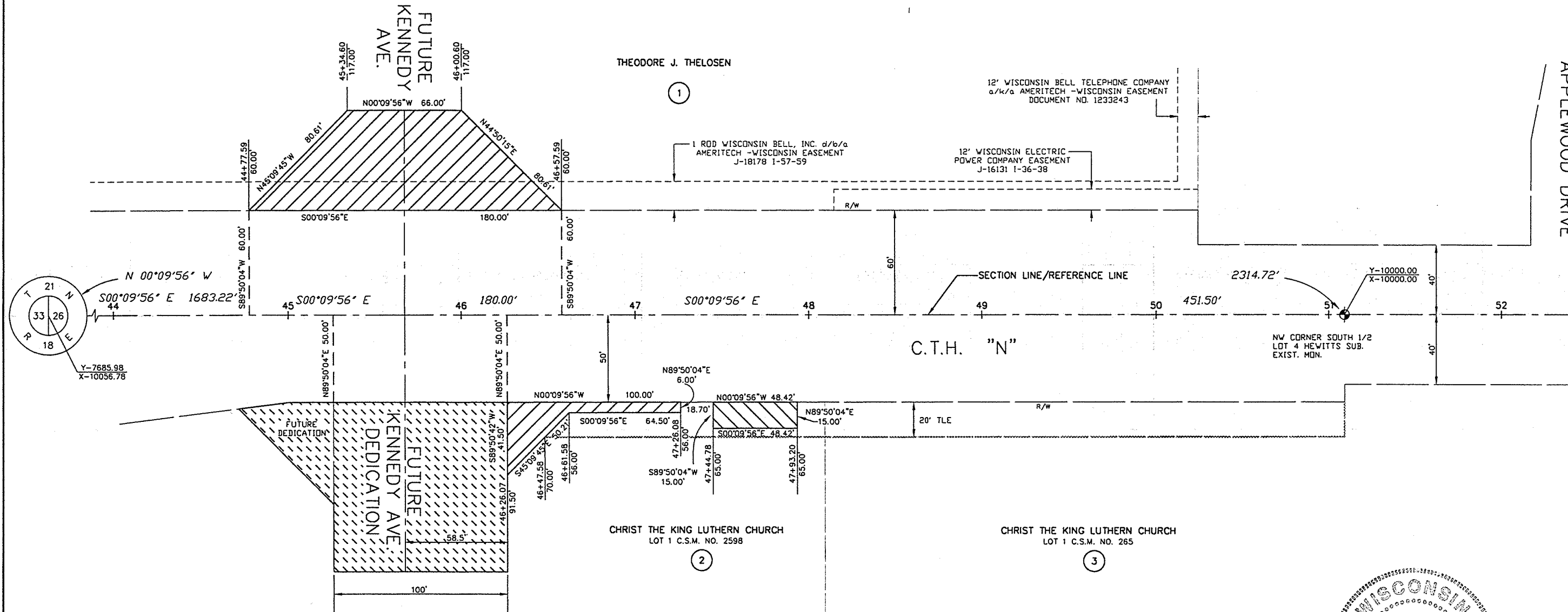
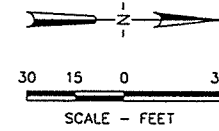
N-23

N-23

N-23

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NO.	TAX KEY NO.	OWNERSHIP	INTEREST REQUIRED	TOTAL SQUARE FEET
1	03-0-0736-00-6	THEODORE J. THELOSEN	R/W ACQ.	7,011
2	03-0-0712-02	CHRIST THE KING LUTHERN CHURCH	R/W ACQ.	1,230
2	03-0-0712-02	CHRIST THE KING LUTHERN CHURCH	PLE	726
2	03-0-0712-02	CHRIST THE KING LUTHERN CHURCH	TLE	
3	03-0-0712-02	CHRIST THE KING LUTHERN CHURCH	TLE	



APPLEWOOD DRIVE

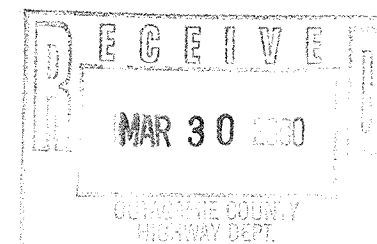
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C.T.H. N
VILLAGE OF KIMBERLY
OUTAGAMIE COUNTY, WISCONSIN

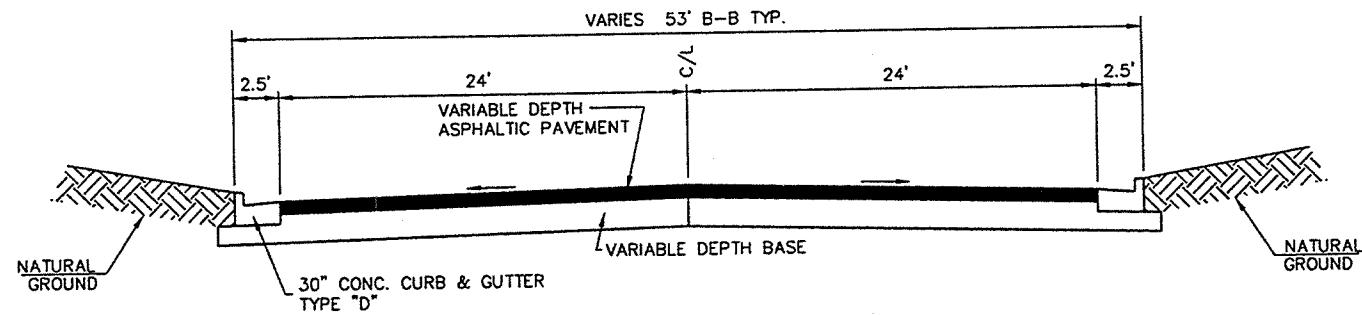
ENGINEERS
ARCHITECTS
SURVEYORS
ASSOCIATES, INC.
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Neenah, WI 54956
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DESIGNED
MRS
DRAWN
MJA
CHECKED
DRB

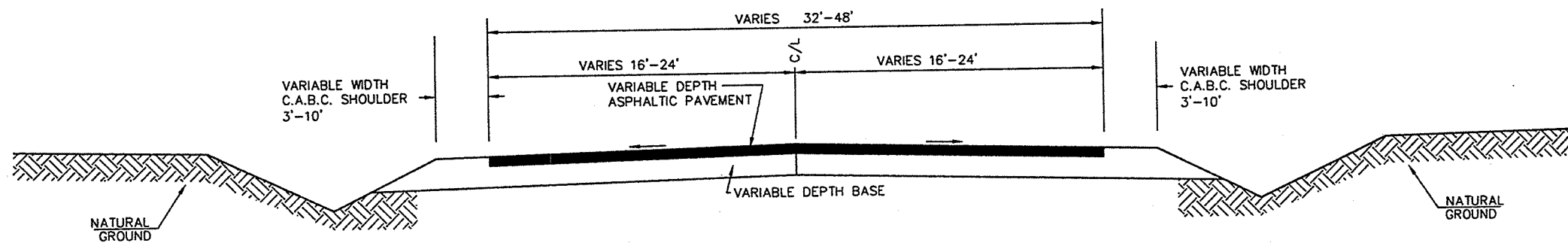
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DATE
MARCH, 2000
PROJECT NO.
0005-99663.04
SHEET NO.
1
FILE NO.
CAD



David M. Schmalz
03-30-00

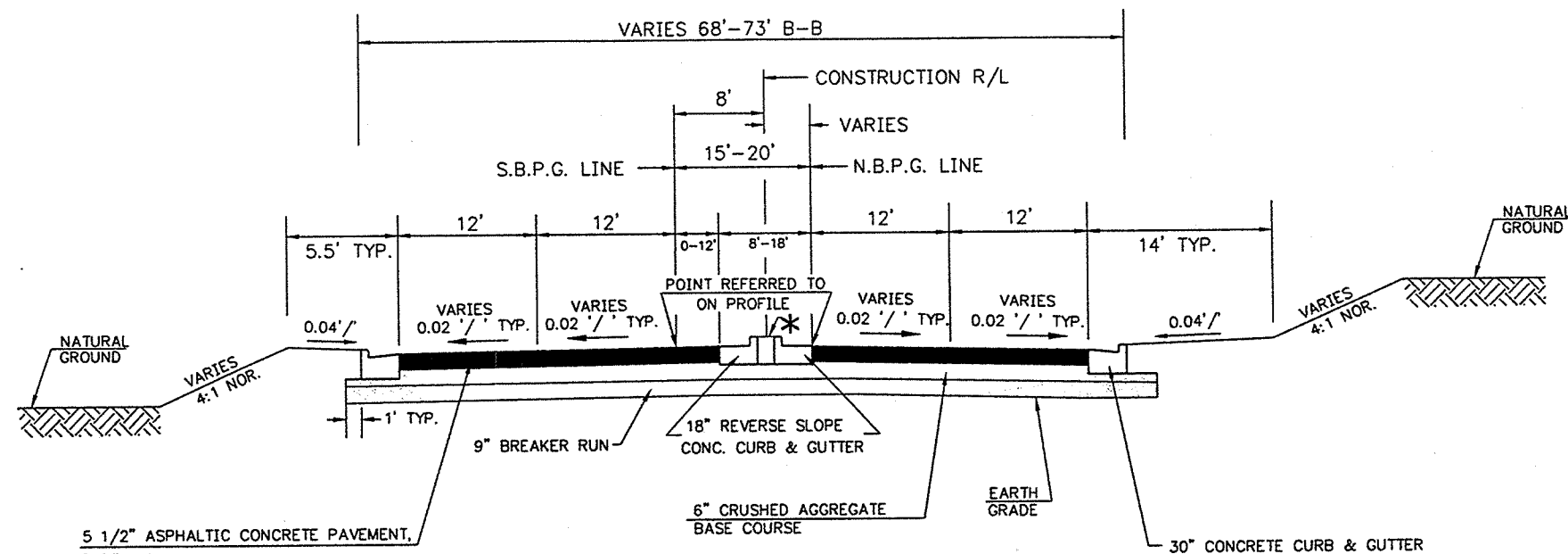


C.T.H. N
EXISTING TYPICAL SECTION
STA 40+48.58 TO 41+00



C.T.H. N
EXISTING TYPICAL SECTION
STA 41+00 TO 51+00

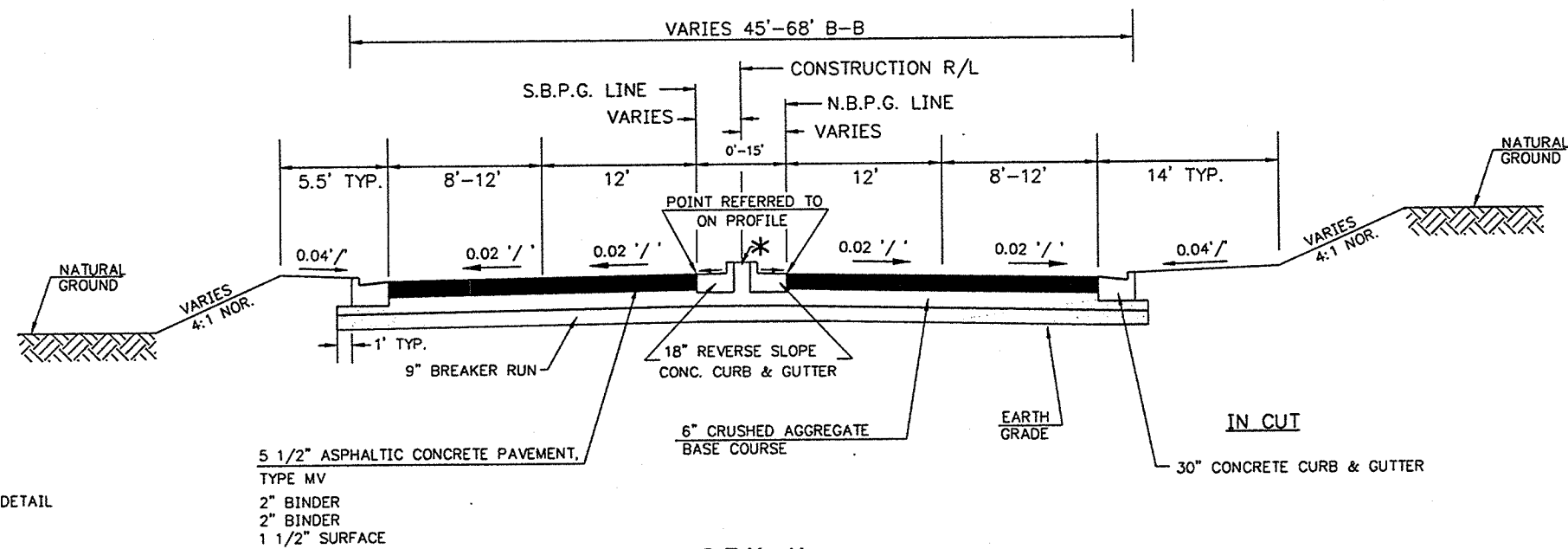
McMAHON ENGINEERS ARCHITECTS SCIENTISTS ASSOCIATES, INC. # SURVEYORS 1445 McAlister Drive Neenah, WI 54956 Mailing Address: Neenah, WI 54957-1025 Tel: 920-751-4200 Fax: 920-751-4284		NO. DATE REVISION
DESIGNER MRS. DRAWN CHECKED DRB		SCALE NONE DATE JAN., 1999 PROJECT NO. 00016-9865.1
STREET CONSTRUCTION CTH N, OUTAGAMIE COUNTY EXISTING TYPICAL SECTIONS		SHEET NO. 1 FILE NO. CAD



* 5\"/>

5 1/2\"/>

C.T.H. N PROPOSED TYPICAL SECTION STA 46+36.59 TO 48+33.07



* SOD REQUIRED
SEE SOD MEDIAN DETAIL

5 1/2\"/>

C.T.H. N PROPOSED TYPICAL SECTION STA 48+33.07 TO 51+00

STREET CONSTRUCTION
CTH N, OUTAGAMIE COUNTY
PROPOSED TYPICAL SECTIONS

SCALE	NONE
DATE	JAN., 1999
PROJECT NO.	1000000000
SHEET NO.	3
FILE NO.	CAD

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McMahon
ASSOCIATES, INC.
1445 McMahon Drive
P.O. Box 1025
Neenah, WI 54956
TEL: 920-751-4700 FAX: 920-751-4794

REVISION	
DATE	
NO.	

REMOVING OLD CULVERTS

STA.	LOCATION	REMARKS
45+68	CTH N. RT.	18" CMP
49+05	CTH N. RT.	18" CMP
50+15	CTH N	24" CMP
50+80	CTH N. RT.	15" CONC.
TOTAL		4

REMOVING INLETS

STA.	LOCATION	EACH
41+24	CTH N. RT.	1
41+24	CTH N. LT.	1
TOTAL		2

ASPHALTIC PAVEMENT SUMMARY

STA.-STA.	LOCATION	ASPH. CONCRETE PAV'T. TYPE MV TONS	ASPH. MATERIAL FOR PLANT MIXES TONS	ASPH. MATERIAL FOR TACK COAT GAL.
40+48.58 - 51+00	CTH N	2217	122	400
DRIVEWAYS	CTH N	15	1	-
TOTALS		2232	123	400

REMOVING ASPHALTIC SURFACE

STA.	LOCATION	S.Y.	REMARKS
49+05	CTH N. RT.	136	DRIVEWAY REMOVAL
50+50	CTH N. LT.	31	DRIVEWAY REMOVAL
TOTAL		167	

CONCRETE CURB & GUTTER SUMMARY

STA.-STA.	LOCATION	30" TYPE D L.F.	REVERSE SLOPE 18" TYPE D L.F.
40+48.58 - 44+98.58	CTH N. RT.	450	-
S.E. RADIUS	CTH N - KENNEDY AVE.	35	-
N.E. RADIUS	CTH N - KENNEDY AVE.	35	-
46+43.58 - 51+00	CTH N. RT.	457	-
40+48.58 - 45+13.59	CTH N. LT.	465	-
S.W. RADIUS	CTH N - KENNEDY AVE.	35	-
N.W. RADIUS	CTH N - KENNEDY AVE.	38	-
46+36.59 - 51+00	CTH N. LT.	464	-
41+22.38 - 45+07.58	MEDIAN, CTH N. LT.	-	385
41+22.38 - 45+07.58	MEDIAN, CTH N. RT.	-	386
9+40 - 9+48.53	KENNEDY AVE., RT.	-	8.5
9+40 - 9+48.53	KENNEDY AVE., LT.	-	8.5
46+19.07 - 49+47.92	CTH N. LT.	-	330
46+19.07 - 49+47.92	CTH N. RT.	-	329
TOTALS		1979	1447

CRUSHED AGGREGATE BASE COURSE AND WATER

STA.-STA.	LOCATION	TONS	MGAL
40+48.58 - 51+00	CTH N	3486	9
DRIVEWAYS	CTH N	50	
TOTAL		3536	9

REMOVING CURB & GUTTER

STA. - STA.	LOCATION	L.F.
40+48.58 - 41+11	CTH N. RT.	62
40+48.58 - 41+00	CTH N. LT.	51
TOTAL		113

BREAKER RUN

STA.-STA.	LOCATION	TONS
40+48.58 - 51+00	CTH N	5230

REMOVING MANHOLES

STA.	LOCATION	EACH
41+02	CTH N. RT.	1

CONCRETE SIDEWALK, 5-INCH

STA.-STA.	LOCATION	S.F.
44+13.58 - 45+07.58	MEDIAN, CTH N. RT.	468
9+40 - 9+48.53	MEDIAN, KENNEDY AVE., LT.	43
46+19.07 - 47+13.07	MEDIAN, CTH N. RT.	468
TOTAL		979

NOTE: ALL ITEMS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE WDOT
STANDARD SPECIFICATIONS LATEST EDITION.

REVISION

DATE

NO.

ENGINEERS
ARCHITECTS
SURVEYORS
McMATH
ASSOCIATES, INC.
1448 McMahan Drive
Neenah, WI 54956
P.O. Box 1023
Neenah, WI 54957-1023
TEL: 920-751-4200 FAX: 920-751-4784

DESIGNED

DRAWN

PM

CHECKED

SCALE
1" = 1'

DATE
JAN., 2000

PROJECT NO.
0006-99663

STREET CONSTRUCTION
CTH N, OUTAGAMIE COUNTY
MISCELLANEOUS QUANTITIES

SHEET NO.
4

FILE NO.
CAD

ASPHALTIC FLUMES

LOCATION	S.Y.
S.W. RADIUS CTH N - KENNEDY AVE.	7
N.W. RADIUS CTH N - KENNEDY AVE.	7
TOTAL	14

EROSION CONTROL SUMMARY

LOCATION	SILT FENCE, SILTY SOIL L.F.	EROSION BALES EACH
UNDISTRIBUTED	500	40

RESTORATION SUMMARY

STA.-STA.	LOCATION	TOPSOIL S.Y.	SOD S.Y.	SEEDING MIX #40 LBS.	FERTILIZER, TYPE B CWT.	MULCH S.Y.
40+48.58 - 51+00	CTH N, RT.	2262	-	48	1.5	2262
40+48.58 - 51+00	CTH N, LT.	1953	-	42	1.2	1953
41+22 - 44+14	MEDIAN, CTH N	290	290	-	0.18	-
46+13 - 49+48	MEDIAN, CTH N	208	208	-	0.13	-
TOTALS		4713	498	90	3.01	4215

RELOCATING SIGNS

STA.	LOCATION	EACH	REMARKS
42+05	CTH N, RT.	1	25 MPH SIGN
46+35	CTH N, LT.	1	JCT 'CE' SIGN
48+30	CTH N, RT.	1	COMBINED LOCKS SIGN
49+40	CTH N, LT.	1	ADOPT-A-HIGHWAY SIGN
50+35	CTH N, LT.	1	35 MPH SIGN
TOTAL		5	

TRAFFIC CONTROL

LOCATION	L.S.
CTH N PROJECT	1

EPOXY PAVEMENT MARKING SUMMARY

STA.-STA.	LOCATION	SOLID YELLOW EGDELINE L.F.	CONC. CORRUGATED MEDIAN S.F.	CURB L.F.	ISLAND NOSE EACH	LANE LINE, DASHED L.F.	CHANNELIZING, 8-INCH L.F.
40+49-45+08	CTH N, LT.	459	-	-	-	-	-
40+49-45+08	CTH N, RT.	461	-	-	-	-	-
46+19-50+13	CTH N, LT.	396	-	-	-	-	-
46+19-50+13	CTH N, RT.	394	-	-	-	-	-
50+13-51+00	CTH N, R/L	174	-	-	-	-	-
40+75-41+16	CTH N, MEDIAN	-	100	-	-	-	-
49+54-49+89	CTH N, MEDIAN	-	100	-	-	-	-
41+22-41+32	CTH N, MEDIAN	-	-	20	-	-	-
49+38-49+48	CTH N, MEDIAN	-	-	20	-	-	-
9+40-9+48	KENNEDY AVE., MEDIAN	-	-	16	-	-	-
41+16	CTH N, MEDIAN	-	-	-	1	-	-
9+54	KENNEDY AVE., MEDIAN	-	-	-	1	-	-
45+13	CTH N, MEDIAN	-	-	-	1	-	-
46+13	CTH N, MEDIAN	-	-	-	1	-	-
49+53	CTH N, MEDIAN	-	-	-	1	-	-
40+49-51+00	CTH N, NB	-	-	-	-	245	-
40+49-51+00	CTH N, SB	-	-	-	-	245	-
44+14-45+07	CTH N, RT.	-	-	-	-	-	93
46+19-47+13	CTH N, LT.	-	-	-	-	-	94
TOTALS		1884	200	56	5	490	187

NONMETALLIC CONDUIT, SCHEDULE 40, 3-INCH

STA.	LOCATION	L.F.
44+82	CTH N	85'
46+42	CTH N	87'
TOTAL		172'

ADJUSTING MANHOLE COVERS

STA.	LOCATION	EACH	REMARKS
50+39	CTH N, RT.	1	SAN. MH

PULLBOXES, STEEL, 24 X 36-INCH

STA.	LOCATION	EACH
44+82	CTH N, 3' LT.	1
46+42	CTH N, 4' LT.	1
TOTAL		2

SAWING EXISTING PAVEMENT

STA.	LOCATION	L.F.	REMARKS
40+58.58	CTH N	52	MATCH POINT
49+05	CTH N, RT.	44	DRIVEWAY
50+55	CTH N, LT.	18	DRIVEWAY
51+00	CTH N	45	MATCH POINT
TOTAL		159'	

NOTE: ALL ITEMS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE WDOT STANDARD SPECIFICATIONS LATEST EDITION.

McMAMON ENGINEERS, INC. provides the design and construction of all items shown on this plan. The client and/or recipient agrees to the fullest extent of the law to hold the engineer harmless for any and all claims, damages, costs or expenses, including reasonable attorney's fees, which may be incurred by the engineer or its agents, employees or subcontractors in connection with the performance of the services shown on this plan. The client and/or recipient agrees to indemnify and hold the engineer harmless for any and all claims, damages, costs or expenses, including reasonable attorney's fees, which may be incurred by the engineer or its agents, employees or subcontractors in connection with the performance of the services shown on this plan. The client and/or recipient agrees to hold the engineer harmless for any and all claims, damages, costs or expenses, including reasonable attorney's fees, which may be incurred by the engineer or its agents, employees or subcontractors in connection with the performance of the services shown on this plan. The client and/or recipient agrees to hold the engineer harmless for any and all claims, damages, costs or expenses, including reasonable attorney's fees, which may be incurred by the engineer or its agents, employees or subcontractors in connection with the performance of the services shown on this plan.

McMAMON ENGINEERS, INC. 1445 McLaughlin Drive Neenah, WI 54956 P.O. Box 1023 Neenah, WI 54957-1025 TEL 920-751-4200 FAX 920-751-4284

DESIGNED
DRAWN
PMM
CHECKED

STREET CONSTRUCTION
CTH N, OUTAGAMIE COUNTY
MISCELLANEOUS QUANTITIES

SCALE
1" = 1'

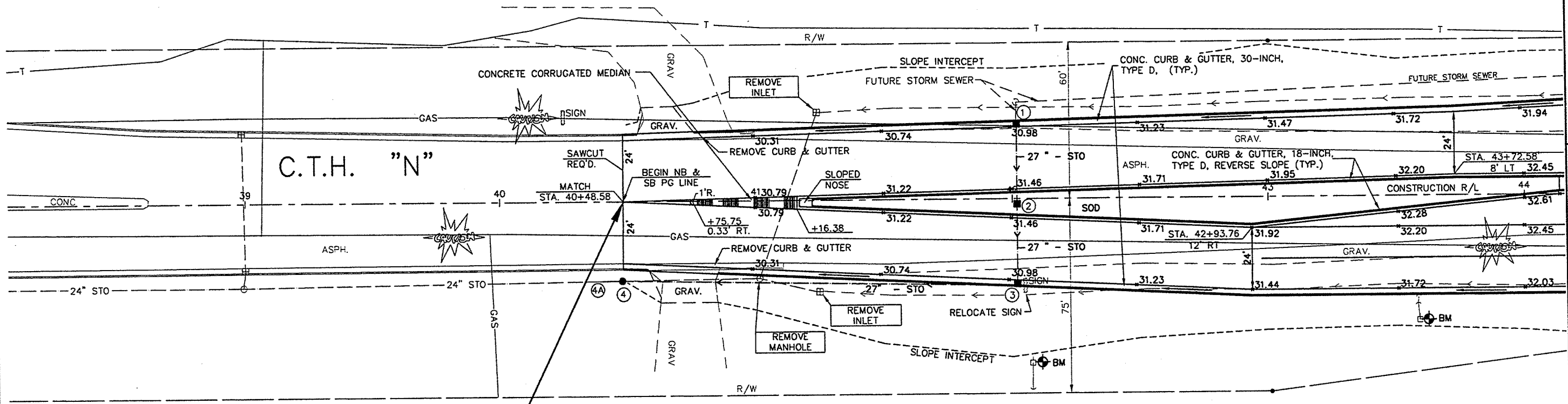
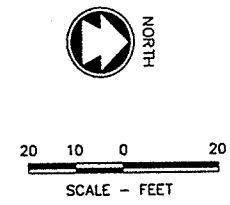
DATE
JAN., 2000

PROJECT NO.
0006-99663

SHEET NO.
5

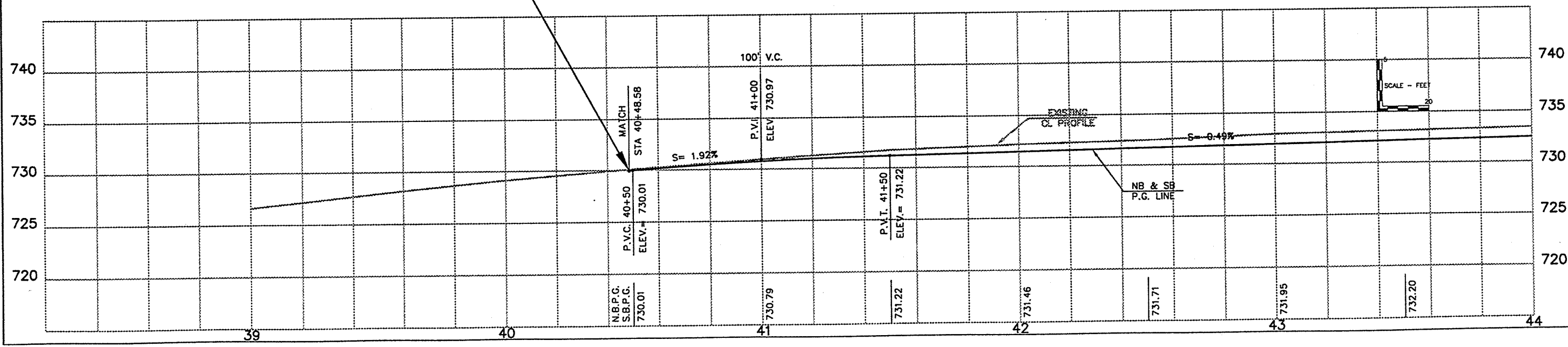
FILE NO.
CAD

NOTE:
THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.



CONSTRUCTION LIMITS
STA. 40+48.58

BENCH MARKS		
DESCRIPTION	LOCATION	ELEV.
NAIL IN PP #93-22673 EAST FACE	STA. 42+07 RT., CTH N	734.25
RR SPIKE IN PP # 79-21017	STA. 43+59 RT., CTH N	734.16



ENGINEERS
ARCHITECTS
SURVEYORS

MEMORANDUM ASSOCIATES, INC.

1445 Madison Drive
Neenah, WI 54956
P.O. Box 1025
Neenah, WI 54957-1025
TEL: 920-751-4200 FAX: 920-751-4284

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DATE

JAN., 2000

PROJECT NO.

6

SHEET NO.

6

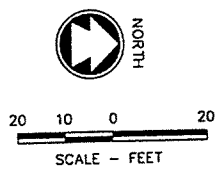
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CAD

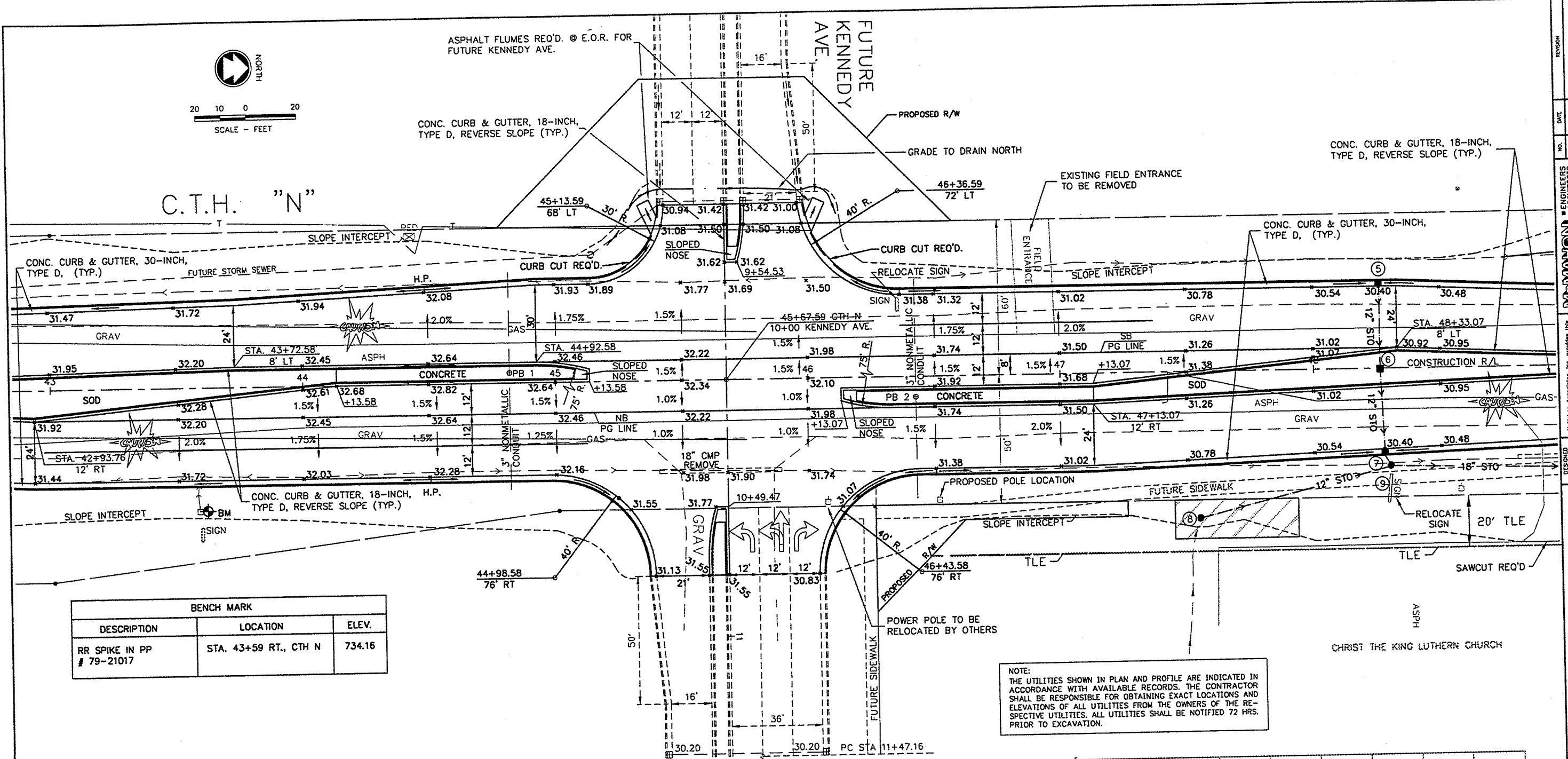
STREET CONSTRUCTION

OUTAGAMIE COUNTY

C.T.H. N

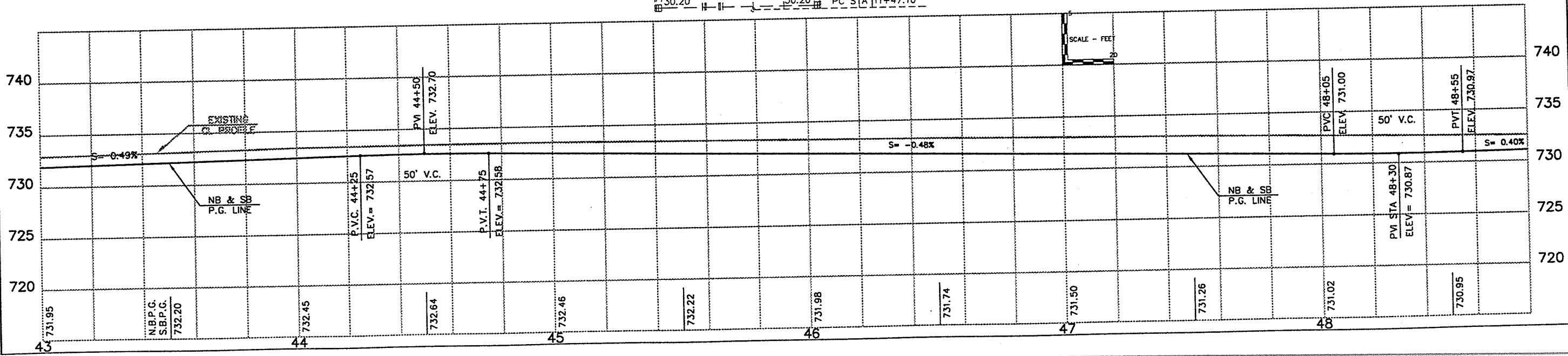


C.T.H. "N"



BENCH MARK		
DESCRIPTION	LOCATION	ELEV.
RR SPIKE IN PP # 79-21017	STA. 43+59 RT., CTH N	734.16

NOTE:
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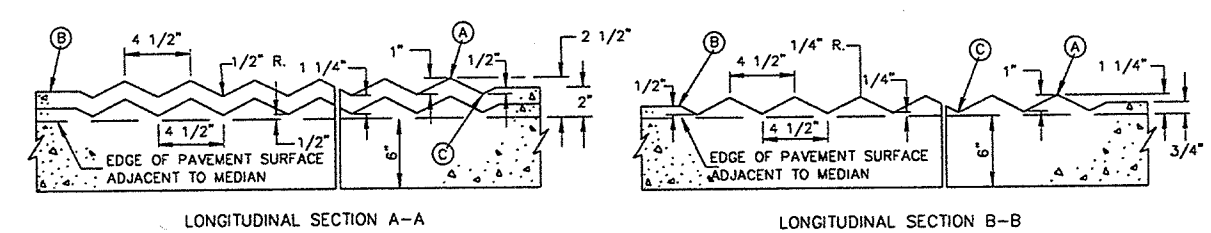
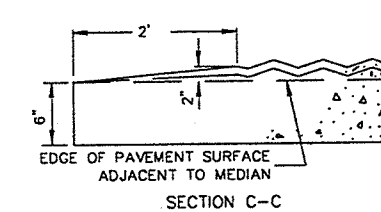
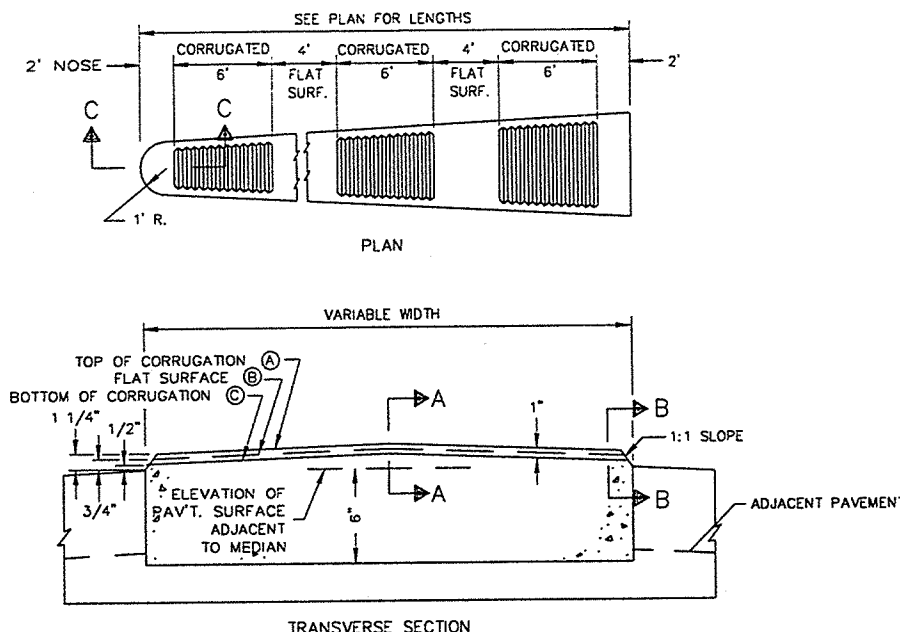


STREET CONSTRUCTION
OUTAGAMIE COUNTY
C.T.H. N

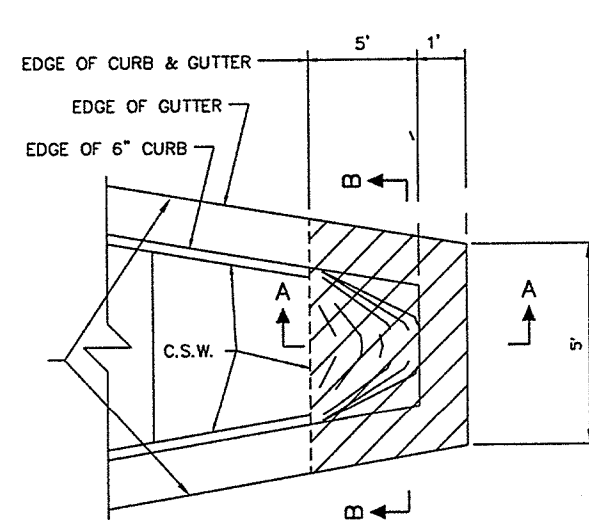
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JAN., 2000
PROJECT NO.
SHEET NO.
7
FILE NO.
CAD

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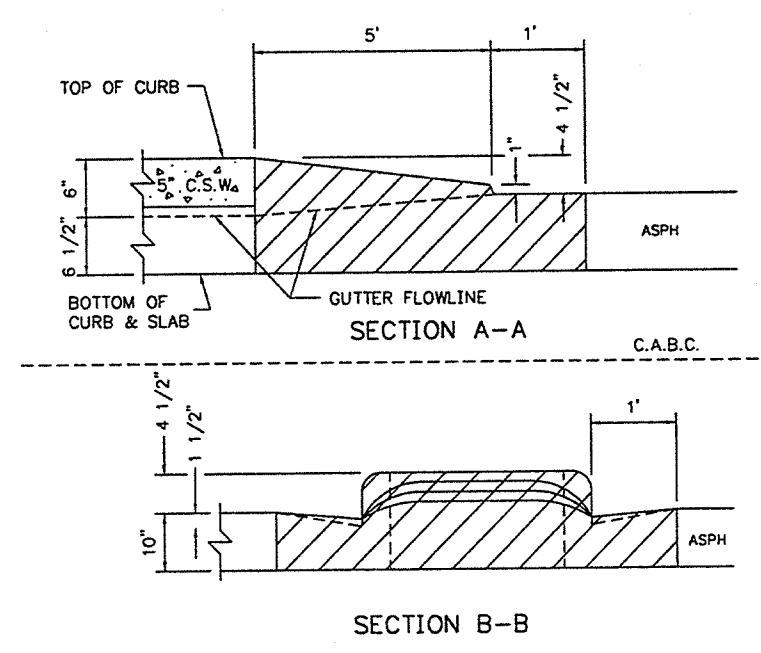
McMahon Associates, Inc. ENGINEERS ARCHITECTS SURVEYORS
1445 McMan Drive Neenah, WI 54956
P.O. Box 1025 Neenah, WI 54957-1025
TEL: 920-751-4200 FAX: 920-751-4284



CONCRETE CORRUGATED MEDIAN



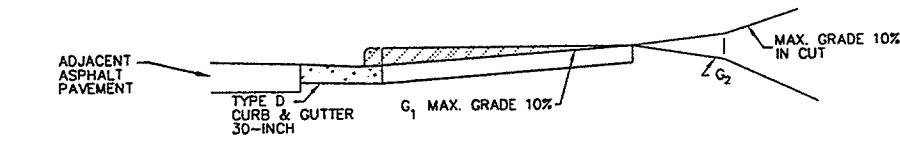
DESIGN NOTE: CONCRETE ISLAND NOSE (TO BE PAID FOR AS CONCRETE CURB & GUTTER, 18-INCH)



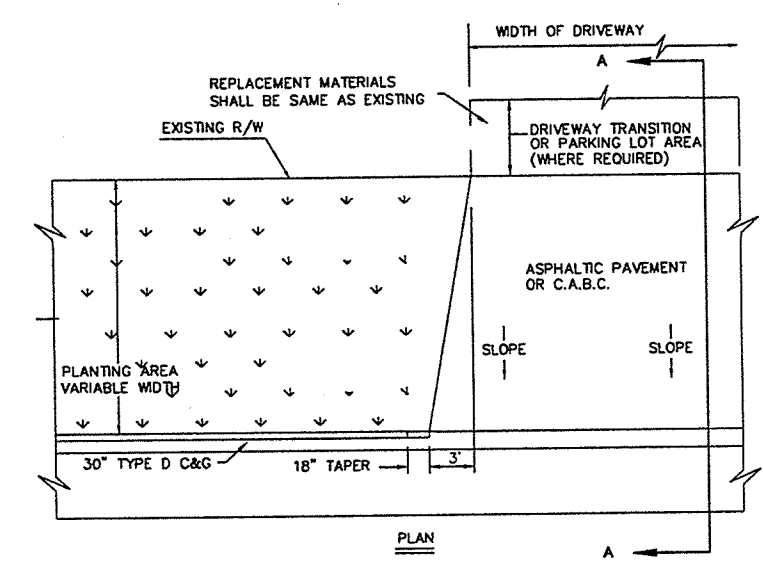
SECTION B-B

NOTE: 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.

CONCRETE MEDIAN SLOPED NOSE DETAIL



SECTION A-A
PROFILE PARALLEL TO C/L OF DRIVEWAY



TYPICAL DRIVEWAY DETAIL

GENERAL NOTES FOR DRIVEWAYS

EXISTING ASPHALT DRIVEWAYS ARE TO BE REPLACED WITH TYPE MV ASPHALTIC PAVEMENT. ALL OTHER DRIVEWAYS ARE TO BE REPLACED WITH C.A.B.C.
FOR ASPHALTIC DRIVEWAYS USE 8\"/>

STREET CONSTRUCTION
CTH N, OUTAGAMIE COUNTY
CONSTRUCTION DETAILS

REVISION	DATE	NO.	BY

McMATH ENGINEERS ARCHITECTS & SURVEYORS
1445 McMath Drive Neenah, WI 54956
P.O. Box 1023 Neenah, WI 54957-1025
TEL: 920-751-4200 FAX: 920-751-4284

DESIGNED	DRAWN	CHECKED	DRB
MRS			

SCALE	DATE	PROJECT NO.
NONE		0000-99663
SHEET NO.		
10		
FILE NO.		
CAD		

MANHOLES, INLETS AND COVERS

STR. No.	① LOCATION	TYPE 8 INLET	TYPE 3 INLET	MANHOLE 5' DIA.	NF-3067-L	④ INLET & MANHOLE COVERS				② TOP OF COVER	③ STRUCTURE FLOWLINE	DEPTH	REMARKS
						NF-R-2540	NF-R-1580	NF-R-4882					
1	STA. 42+03, 30.3' LT., CTH 'N'	-	-	1	1	-	-	-	-	730.86	725.02	6.3	FLAT TOP MH TO ACCOMODATE TYPE H INLET CASTING
2	STA. 42+02, 2' RT., CTH 'N'	-	-	1	-	1	-	-	-	731.65	724.87	6.8	
3	STA. 42+03, 34' RT., CTH 'N'	-	-	1	1	-	-	-	-	730.86	724.71	6.6	FLAT TOP MH TO ACCOMODATE TYPE H INLET CASTING
4	STA. 40+49, 31' RT., CTH 'N'	-	-	1	-	-	1	-	-	730.30	723.90+/-	6.4+/-	MATCH EXISTING 24" STORM F/L.
5	STA. 48+26, 34.7' LT., CTH 'N'	-	1	-	1	-	-	-	-	730.28	727.45	3.3	
6	STA. 48+26, R/L , CTH 'N'	1	-	-	-	-	-	1	-	731.22	727.35	3.9	
7	STA. 48+26, 33.9' RT. , CTH 'N'	-	1	-	1	-	-	-	-	730.28	727.25	3.5	
8	STA. 47+55, 57' RT. , CTH 'N'	1	-	-	-	-	-	1	-	730.85	727.69	3.2	ADJUST INLET LOCATION AND ELEV. TO MATCH EXIST. SWALE
9	STA. 48+30, 37.5' RT. , CTH 'N'	-	-	1	-	-	1	-	-	731.00	727.18	3.8	
10	STA. 48+30, 37.5' RT. , CTH 'N'	-	-	1	-	-	-	-	-	-	727.20	-	18" REINFORCED CONCRETE APRON ENDWALL REQ'D.
11	STA. 50+04, 47.5' LT. , CTH 'N'	-	-	-	-	-	-	-	-	732.00	726.90	5.1	CONNECT EXIST. UNDERDRAIN (1-4" PERF.) TO 11
11A	STA. 50+24, 40' RT. , CTH 'N'	-	-	1	-	-	1	-	-	732.00	726.90	5.1	CONNECT EXIST. UNDERDRAIN (1-4" PERF.) TO 11
11A	STA. 50+60, 40' RT. , CTH 'N'	-	-	1	-	-	1	-	-	732.30	726.84	5.5	CONNECT EXIST. UNDERDRAIN (2-3" PVC AND 1-8" PVC) TO 11A
11B	STA. 50+62, 45' RT. , CTH 'N'	-	-	-	-	-	-	-	-	-	727.90	-	12" R.C. APRON ENDWALL REQ'D.
TOTALS		2	2	7	4	1	4	2					

- ① OFFSETS FOR STRUCTURE 1,3,5,7 IS TO BACK OF CURB
OFFSETS FOR STRUCTURE 2,4,6,8,9,11,11A,11B IS TO CENTER OF STRUCTURE
OFFSET FOR STRUCTURE 10 IS TO END OF THE ENDWALL
- ② TOP OF COVER ELEVATIONS FOR MANHOLES ARE FINISHED RIM GRADES
TOP OF COVER ELEVATIONS FOR TYPE H INLET COVERS ARE CURB FLOWLINE GRADES
TOP OF COVER ELEVATIONS FOR TYPE MS INLET COVERS ARE GRATE FLOWLINE GRADES
- ③ STRUCTURE FLOWLINE GRADES = PIPE FLOWLINE GRADES
- ④ NEENAH FOUNDRY COVERS ARE LISTED. EQUIVALENT COVERS MAY BE SUBSTITUTED.

STORM SEWER PIPE SUMMARY

		REINFORCED CONCRETE STORM SEWER					SCH. 40 PVC		UNDERDRAIN	CLASS	INLET ELEV.	DISCHARGE ELEV.	SLOPE	REMARKS
FROM	TO	12-INCH	18-INCH	21-INCH	24-INCH	27-INCH	3-INCH	8-INCH	4-INCH					
						31'	-	-	-	III	725.02	724.87	0.50%	
1	2	-	-	-	-	31'	-	-	-	III	724.87	724.71	0.50%	
2	3	-	-	-	-	154'	-	-	-	III	724.71	723.93+/-	0.50%	
3	4	-	-	-	8'	-	-	-	-	III	STR. 4 TO BE CONSTRUCTED OVER EXIST. 24" RCP, APPROX. 1 PIPE LENGTH REQ'D.			
4	4A	-	-	-	-	-	-	-	-	IV	727.45	727.35	0.30%	
5	6	32'	-	-	-	-	-	-	-	IV	727.35	727.25	0.30%	
6	7	32'	-	-	-	-	-	-	-	III	727.25	727.18	1.17%	
7	9	6'	-	-	-	-	-	-	-	III	727.69	727.30	0.50%	
8	9	78'	-	-	-	-	-	-	-	III	727.18	726.90	0.14%	
9	11	-	197'	-	-	-	-	-	-	IV	727.20	726.90	0.34%	
10	11	-	89'	-	-	-	-	-	-	III	726.90	726.84	0.19%	
11	11A	-	-	33'	-	-	-	-	-	III	727.90	726.90	1.69%	
11B	11A	13'	-	-	-	-	20'	10'	-	SCH 40	726.84	726.75 +/-	0.19%	TIE INTO EXIST. STORM MH
11A	12	-	-	44'	-	-	-	-	-					
TOTALS		161'	286'	77'	8'	216'	20'	10'	10'					

**J. 'N' AND KENNEDY AVE.
OUTAGAMIE COUNTY
STORM SEWER SUMMARY**

SCALE	NONE	DATE	JAN., 200	PROJECT N
SHEET NO.				
12				
FILE NO.				
CAD				

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STATION & O/S	POINT No.	DESCRIPTION	NORTHING	EASTING
41+02.04, 39.27' RT.	1	NAIL	8994.213	10063.955
43+00.94, 75.08' RT.	106	1" IRON PIPE	9193.930	10094.876

[illegible]

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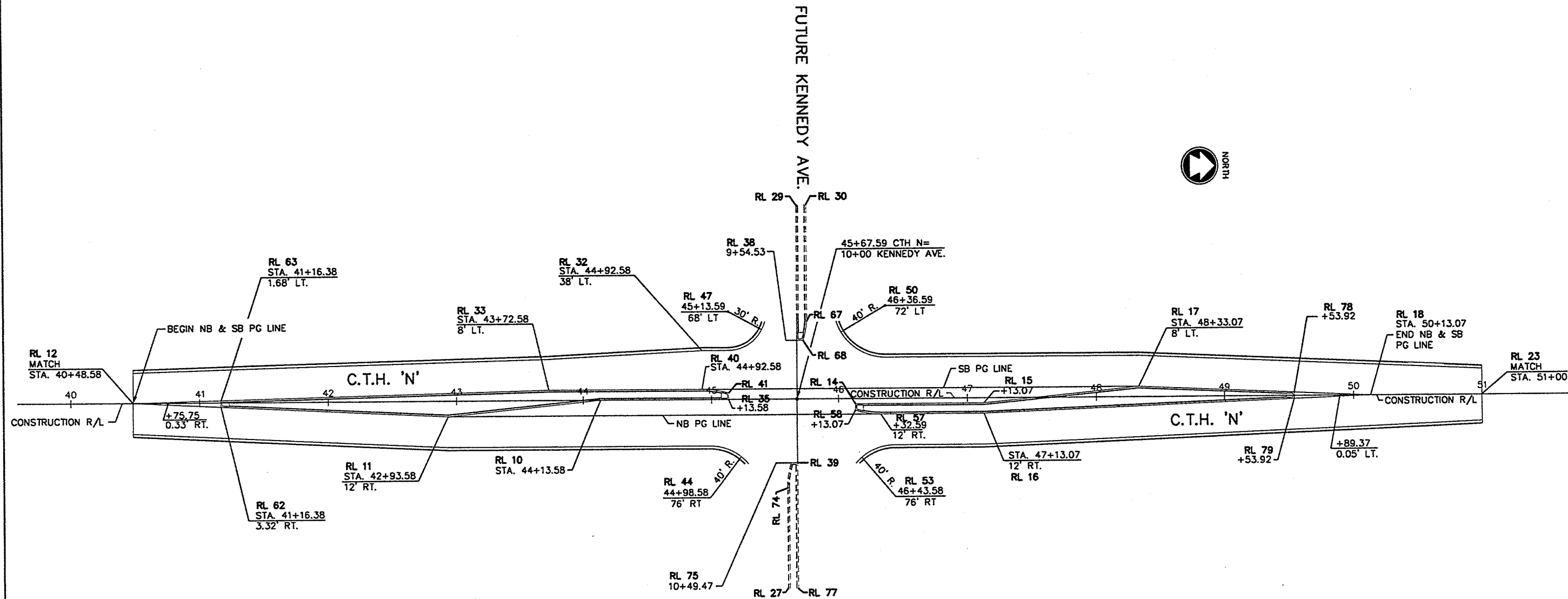
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**STREET CONSTRUCTION
CTH N, OUTAGAMIE COUNTY
HORIZONTAL ALIGNMENT DIAGRAM**

SCALE	DATE	PROJECT NO.
	JAN., 2000	00006 - 99653

13

FILE NO.	CAD
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NOTE: ALL CURB RADII ARE SHOWN TO THE EDGE OF PAVEMENT.
ALL OFFSETS ARE SHOWN TO THE EGDE OF PAVEMENT FROM THE CONSTRUCTION R/L..

CTH N EARTHWORK REPORT

	Description	Area	Inc.Vol.	Cum.Vol.	MassHaul
Station 40+00.00	EMBANK UNCLASS	0.00 0.00			
Station 40+50.00	EMBANK UNCLASS	0.07 107.49	0.06 99.53	0.06 99.53	99.47
Station 41+00.00	EMBANK UNCLASS	12.31 114.69	11.46 205.72	11.52 305.26	293.74
Station 41+50.00	EMBANK UNCLASS	85.31 122.08	90.39 219.23	101.91 524.48	422.58
Station 42+00.00	EMBANK UNCLASS	71.27 133.98	144.98 237.09	246.89 761.58	514.69
Station 42+50.00	EMBANK UNCLASS	46.66 130.86	109.19 245.23	356.08 1006.80	650.72
Station 43+00.00	EMBANK UNCLASS	42.68 140.73	82.72 251.47	438.80 1258.27	819.48
Station 43+50.00	EMBANK UNCLASS	35.81 139.00	72.68 259.01	511.47 1517.28	1005.81
Station 44+00.00	EMBANK UNCLASS	33.14 156.19	63.85 273.32	575.32 1790.60	1215.28
Station 44+50.00	EMBANK UNCLASS	39.53 141.56	67.29 275.69	642.61 2066.29	1423.69
Station 45+00.00	EMBANK UNCLASS	31.10 151.35	65.39 271.22	708.00 2337.51	1629.51
Station 45+50.00	EMBANK UNCLASS	4.30 193.69	32.78 319.48	740.78 2656.99	1916.21
Station 46+00.00	EMBANK UNCLASS	6.19 182.54	9.72 348.36	750.49 3005.35	2254.85
Station 46+50.00	EMBANK UNCLASS	21.11 184.12	25.28 339.50	775.78 3344.85	2569.07
Station 47+00.00	EMBANK UNCLASS	11.21 197.39	29.92 353.25	805.70 3698.10	2892.40
Station 47+50.00	EMBANK UNCLASS	13.30 201.33	22.69 369.18	828.39 4067.29	3238.90
Station 48+00.00	EMBANK UNCLASS	3.01 204.41	15.09 375.68	843.48 4442.97	3599.49
Station 48+50.00	EMBANK UNCLASS	23.72 193.20	24.74 368.15	868.23 4811.12	3942.90
Station 49+00.00	EMBANK UNCLASS	7.67 182.18	29.07 347.57	897.29 5158.69	4261.40
Station 49+50.00	EMBANK UNCLASS	44.30 147.33	48.12 305.10	945.42 5463.79	4518.37
Station 50+00.00	EMBANK UNCLASS	47.76 131.76	85.24 258.41	1030.66 5722.20	4691.54
Station 50+50.00	EMBANK UNCLASS	70.69 101.95	109.67 216.40	1140.33 5938.59	4798.26
Station 51+00.00	EMBANK UNCLASS	27.71 81.57	91.11 169.93	1231.44 6108.52	4877.09
Station 51+50.00	EMBANK UNCLASS	0.00 0.00	25.65 75.53	1257.09 6184.05	4926.96

CTH N EARTHWORK SUMMARY

STA.-STA.	* UNCLASSIFIED EXCAVATION C.Y.	* E.B.S. C.Y.	EMBANKMENT (FILL) C.Y.	EXPANDED 30% EMBANKMENT (FILL) C.Y.	MASS HAUL (WASTE) C.Y.
40+00-51+50	6184	600	1257	1634	5150
DRIVEWAYS	85	-	-	-	85
TOTALS	6269	600	1257	1634	5235

* NOTES: SOIL BORINGS WERE NOT DONE FOR THIS PROJECT, EBS VOLUME IS AN ESTIMATE.
UNCLASSIFIED EXCAVATION VOLUME INCLUDES THE EXISTING ASPHALT AND BASE.

STREET CONSTRUCTION
C.T.H. N - OUTAGAMIE COUNTY
EARTHWORK SUMMARY

SCALE
1" = 1'

DATE
JAN, 2000

PROJECT NO.
0006-99663

SHEET NO.

14

FILE NO.
CAD

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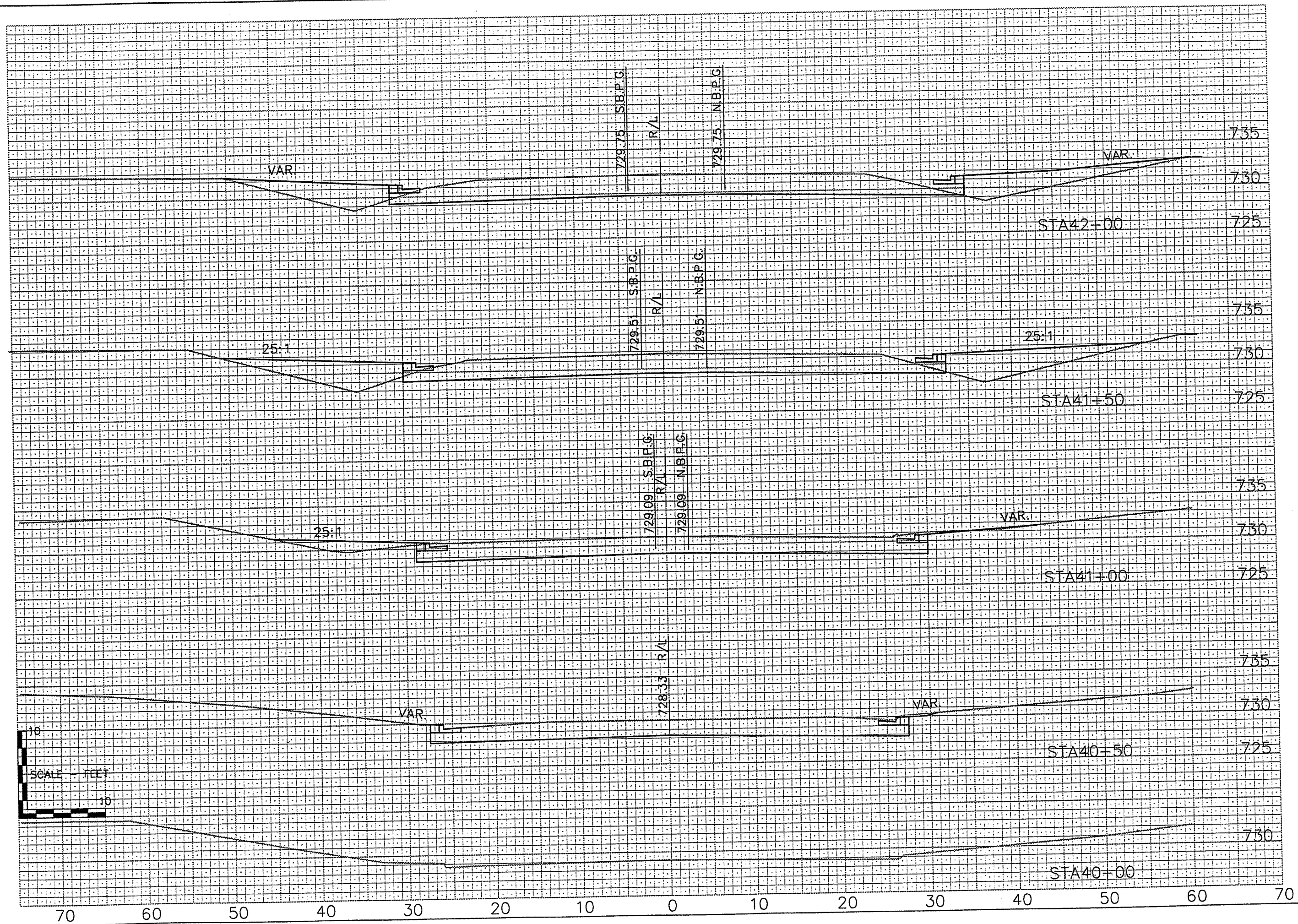
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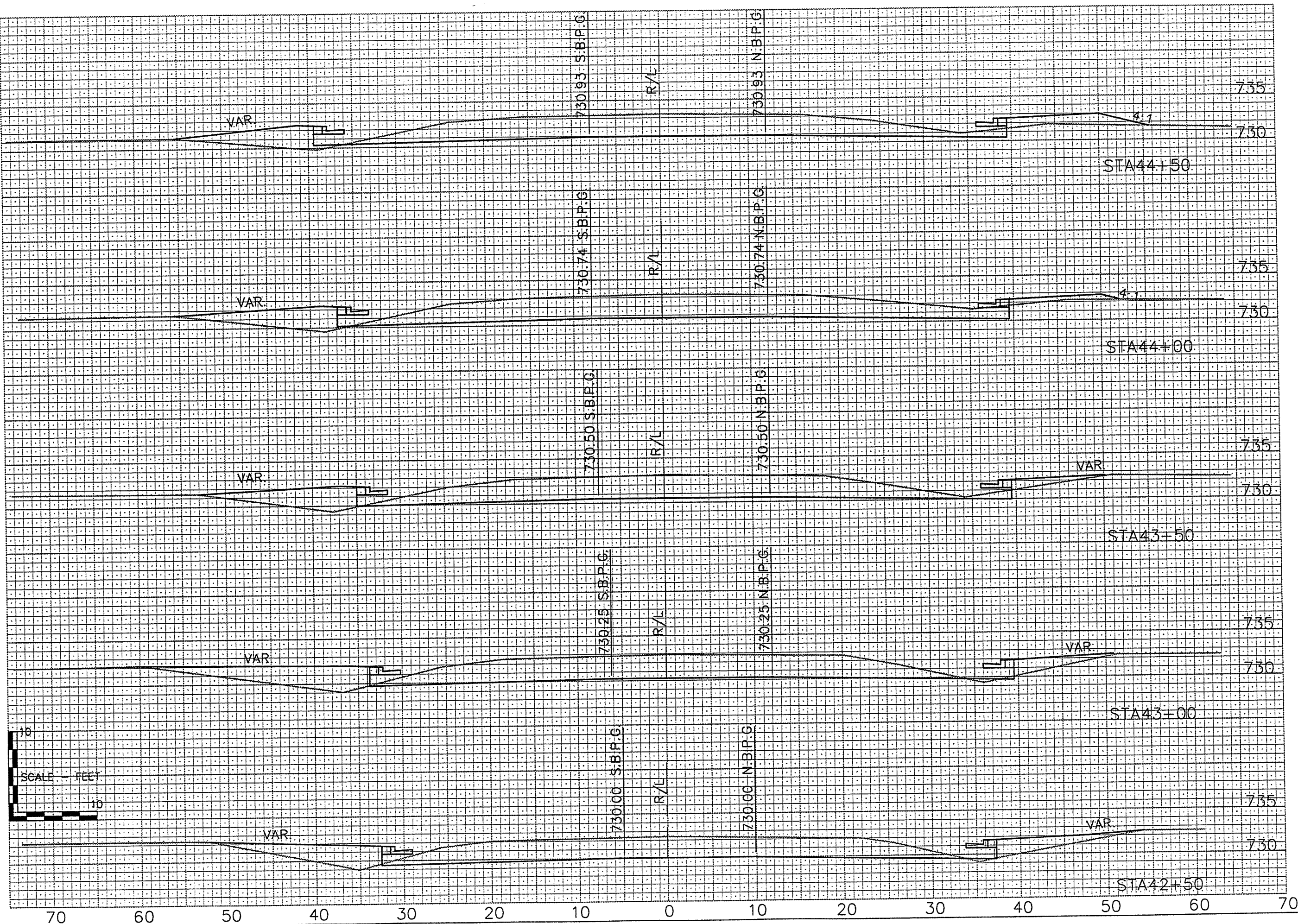
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		PROJECT NO.	Mailing Address:									
		0006 - 00663	P.O. Box 1025 Neenah, WI 54957-1025									
			TEL: 920-751-4200 FAX: 920-751-4284									



STREET CONSTRUCTION
CTH N, OUTAGAMIE COUNTY
CROSS SECTIONS

SCALE AS NOTED	DATE JAN., 2000	PROJECT NO. 0006199661
SHEET NO. 16		
FILE NO. CAD		

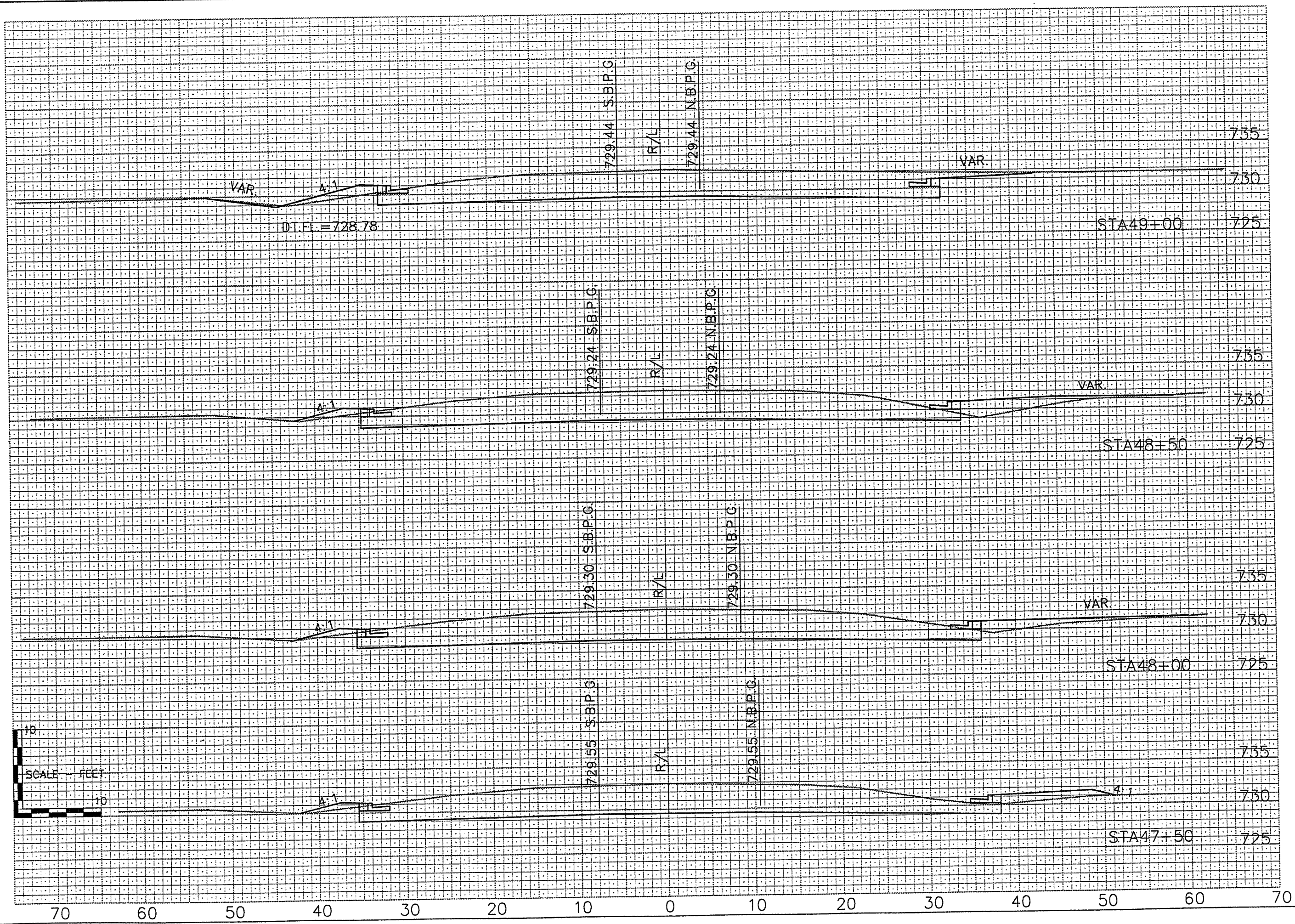
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NO.	DATE	REVISION

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DATE		DATE		DATE	
JAN., 2000		JAN., 2000		JAN., 2000	
PROJECT NO.		PROJECT NO.		PROJECT NO.	
0006, 0006.1		0006, 0006.1		0006, 0006.1	
SHEET NO.		SHEET NO.		SHEET NO.	
18		18		18	
FILE NO.		FILE NO.		FILE NO.	
CAD		CAD		CAD	
STREET CONSTRUCTION					
CTH N, OUTAGAMIE COUNTY					
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