STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT

TOWN OF BRADLEY

PLAN OF PROPOSED IMPROVEMENT

CRASS ROAD

IVERSON ROAD - CTH D

LINCOLN COUNTY

INDEX OF SHEETS

TOTAL SHEETS = 34

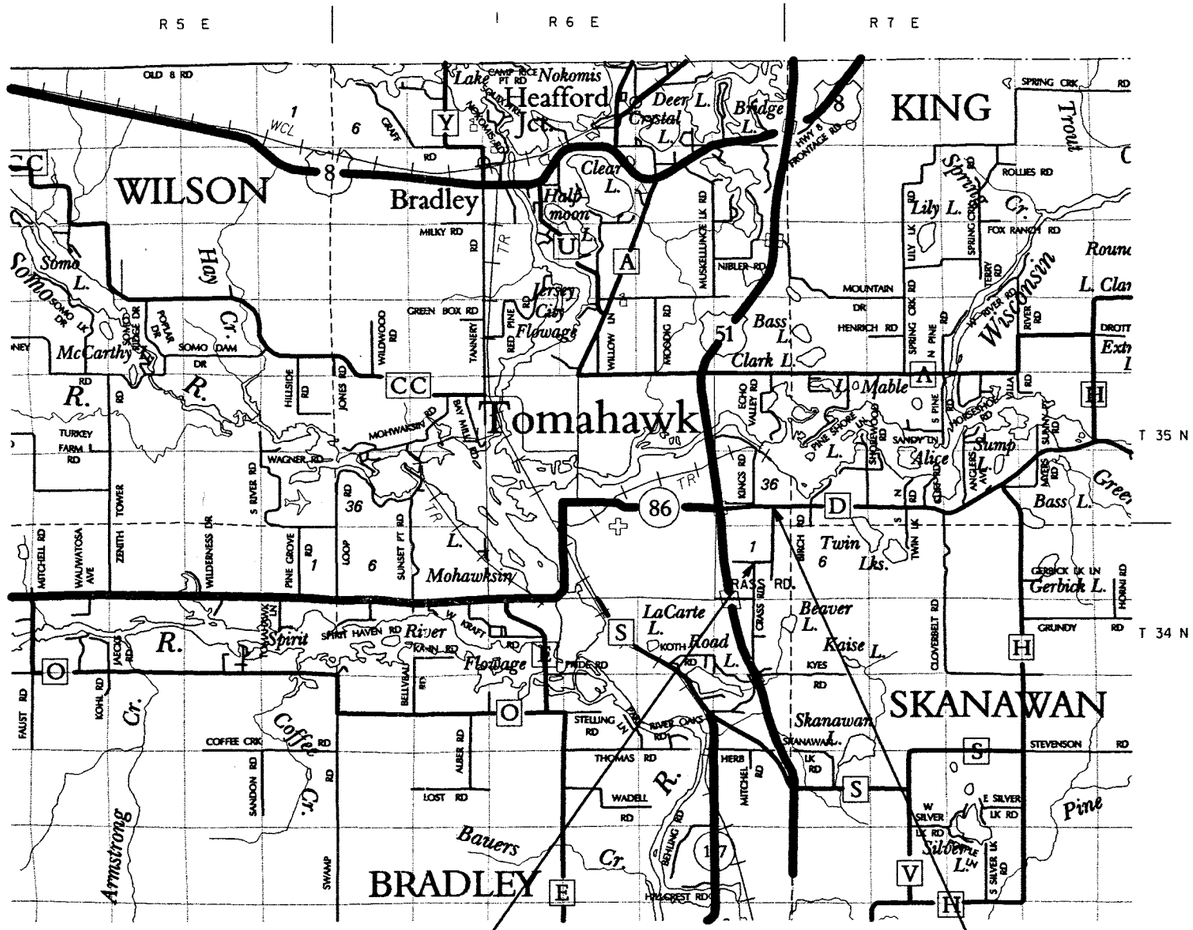
DESIGN DESIGNATION

ADT (1995)	=	105
ADT (2015)	=	128
DHV (2015)	=	13
D	=	50-50
T (ADT)	=	10%
DESIGN SPEED	=	35 MPH

CONVENTIONAL SIGNS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE — P.L. +58.1
LOT LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
CULVERT (Profile View)
SERVICE PEDESTAL
CABLE MARKER — P
POWER POLE
TELEPHONE POLE

COMBUSTIBLE FLUIDS
UNDERGROUND UTILITIES
GAS — G
ELECTRIC — E
TELEPHONE OR TELEGRAPH — T
FIBER OPTICS — FO
RAILROAD
MARSH AREA
WOODED OR SHRUB AREA



LAYOUT
SCALE 0 ½ 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.97 MI

NOTE: ALL COORDINATES AND ELEVATIONS ON THIS PLAN ARE ASSUMED AND ARE PROJECT SPECIFIC.

ACCEPTED FOR
TOWN OF BRADLEY
2/19/02 (Date) Jack Hueston (Signature)

ORIGINAL PLANS PREPARED BY
OMNI ASSOCIATES
APPLETON, WISCONSIN

WISCONSIN
PHILLIP T. ROBERTS
E-26609
APPLETON, WI
2/15/02
PROFESSIONAL ENGINEER

LINCOLN COUNTY

FILE NAME: E1342RB/SHEETS /PLAN /E1342TIT.DGN TECH/ENGR: SSO/PTR PLOT DATE: 02/15/02
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914-1654 REV. DATE: / / PLOT NAME: SEE FILE NAME
LEVELS ON - 1,2,3,4, 6, 14, 50,51,52, 56,57,58,59, 63 PLOT SCALE: 1:

STATE PROJECT NUMBER	SHEET NO. 2.1
GENERAL NOTES & CONSTRUCTION DETAILS CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO.

GENERAL NOTES

ALL ELEVATIONS AND COORDINATES ON THIS PLAN ARE ASSUMED AND ARE PROJECT SPECIFIC.

THE LOCATIONS 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.

FILL AS SHOWN ON THE PLANS PERTAINS TO EMBANKMENTS CONSTRUCTED FROM UNCLASSIFIED EXCAVATION. THE ALLOWANCE USED FOR EXPANDING THE THE FILLS TO COMPUTE THE VOLUME OF MATERIAL REQUIRED IS 30 PERCENT. ALL FILL VOLUMES SHOWN ARE ACTUAL VOLUMES.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT SHOWN ON THE CROSS SECTIONS. IF ADDITIONAL EBS IS REQUIRED, IT SHALL BE PAID FOR AS UNCLASSIFIED EXCAVATION. EXACT LOCATIONS FOR EBS WILL BE DETERMINED BY THE ENGINEER/OWNER'S REPRESENTATIVE. EBS AREAS ARE TO BE BACKFILLED WITH ACCEPTABLE NATIVE SOILS.

DRIVEWAYS SHALL BE REPLACED IN KIND. CRUSHED LIMESTONE, IF NECCESSARY, WILL BE PAID FOR AS CRUSHED AGGREGATE BASE COURSE.

ALL DISTURBED AREAS NOT OTHERWISE SURFACED SHALL BE TOPSOILED, SEEDED, FERTILIZED AND MULCHED. SEED MIXTURE NO. 10 SHALL BE USED.

THE EXACT LOCATION AND LIMITS OF PRIVATE ENTRANCES AND COMMERCIAL ENTRANCES SHALL BE DETERMINED BY THE ENGINEER/OWNER'S REPRESENTATIVE IN THE FIELD.

ALL SIGNS WHICH ARE REMOVED DURING CONSTRUCTION SHALL BE REINSTALLED OR REPLACED IN THE APPLICABLE LOCATION.

CURVE DATA BASED ON ARC DEFINITION.

DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES.

STANDARD DETAIL DRAWINGS

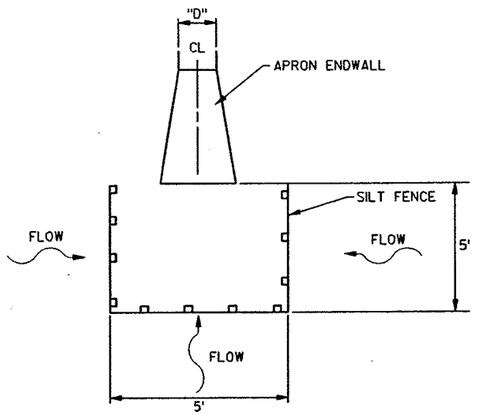
SDD NUMBER	TITLE
8E8-2	TYPICAL INSTALLATIONS OF EROSION BALES
8E9-4	SILT FENCE
8F1-11	APRON ENDWALLS FOR CULVERT PIPE
15C2-3	BARRICADES AND TRAFFIC CONTROL FOR ROAD CLOSURES
15C12-2	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

ABBREVIATIONS

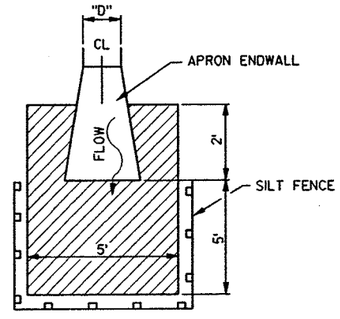
CTR	CENTER	ASPH	ASPHALTIC PAVEMENT
CE	COMMERCIAL ENTRANCE	CABC	CRUSHED AGGREGATE BASE COURSE
CP	CULVERT PIPE	FE	FIELD ENTRANCE
DWY	DRIVEWAY	CACP	CORRUGATED ALUMINUM CULVERT PIPE
SDGL	SPECIAL DITCH GRADE LEFT	CSCP	CORRUGATED STEEL CULVERT PIPE
SDGR	SPECIAL DITCH GRADE RIGHT	EBS	EXCAVATION BELOW SUBGRADE
PROP	PROPOSED		
FS	FULL SUPERELEVATION		
RO	RUNOUT		
NC	NORMAL CROWN (-0.02 ft/ft)		
RC	REVERSE CROWN (+0.02 ft/ft)		
FHS	FLAT HIGH SIDE		
X-SLOPE	CROSS SLOPE		
EOP	EDGE OF PAVEMENT		
CL	CENTERLINE		
SE	SUPERELEVATION		

UTILITIES

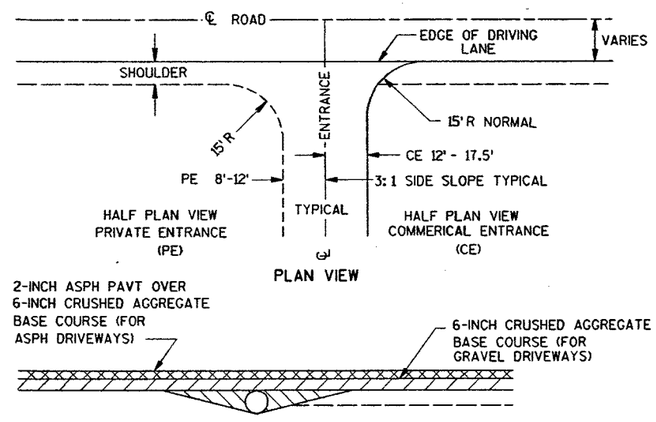
ELECTRIC	WISCONSIN PUBLIC SERVICE P.O. BOX 286 27 N TOMAHAWK AVENUE TOMAHAWK, WI 54487 ATTN: VAL LUKOWSKI TELEPHONE: 1-800-454-1612
ELECTRIC TRANSMISSION MAIN	ATC N19 W23993 RIDGEWAY PARKWAY W WAUKESHA, WI 53187-0047 ATTN: ANDY EBERHARDT (262) 506-6864
TELEPHONE	VERIZON P.O. BOX 845 MINOCQUA, WI 54548 ATTN: JIM BIRKY TELEPHONE: 715-356-3202
DIGGERS HOTLINE	CABLE LOCATE TELEPHONE: (800) 242-8511 (TOLL FREE)
DNR LIAISON	MR. JAMES GRAFELMAN STATE OF WISCONSIN DEPT. OF NATURAL RESOURCES 107 SUTLIFF AVE., BOX 818 RHINELANDER, WI 54501 (715) 365-8927
ARMY CORPS OF ENGINEERS LIAISON	MR. MIKE OKEEFE 3105 MacARTHUR WAY PLOVER, WI 54467 TELEPHONE: (715) 345-7911



SILT FENCE AT CROSS DRAIN (INLET)



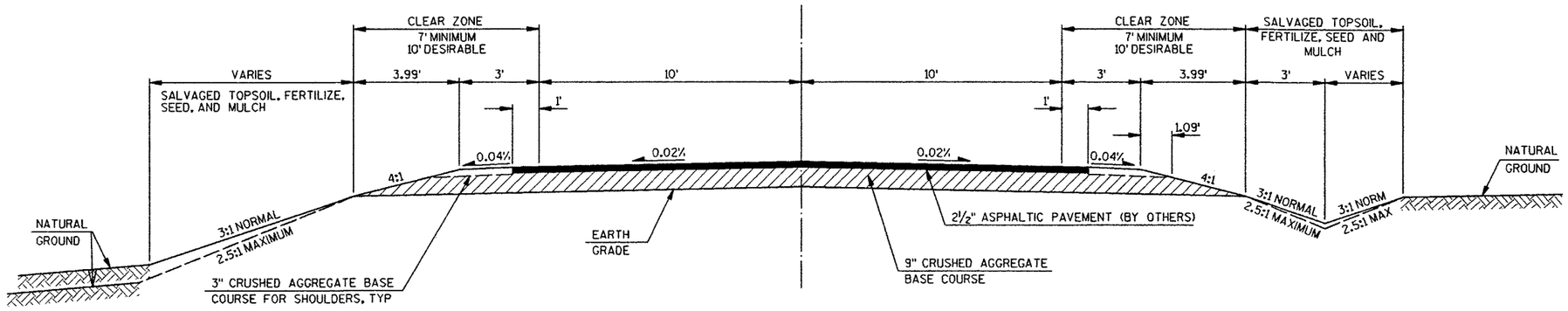
SOD AND SILT FENCE AT CROSS DRAIN (DISCHARGE)



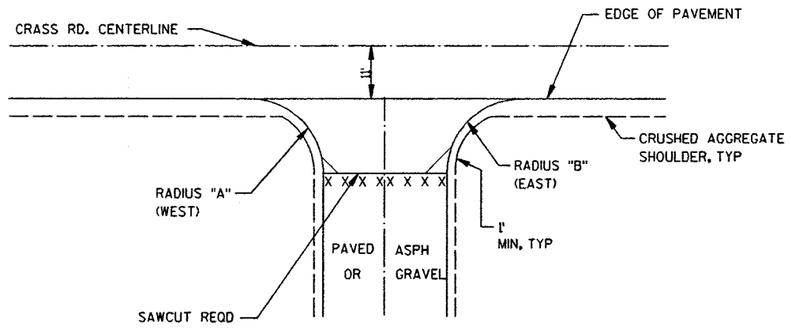
RURAL DRIVEWAY DETAIL

FILE NAME: E1342A98/SHEETS /PLAN /E1342GN12DG TECH/ENGR: SSO/PTR PLOT DATE: 02/15/02
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /99
LEVELS ON - 1, 56,57, 59, PLOT SCALE: 1:1 51,

STATE PROJECT NUMBER	SHEET NO. 2.2
TYPICAL SECTION CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO



PROPOSED TYPICAL CROSS SECTION FOR CRASS ROAD



ASPHALTIC CONCRETE PAVEMENT (BY OTHERS)

DETAIL OF INTERSECTION TYPE "C", MODIFIED

INTERSECTION	RADIUS "A" (FT)	RADIUS "B" (FT)	RADIUS POINT	
			STATION	OFFSET
LAFOND RD.	40'		32+14.38	51.17' RT
LAFOND RD.		40'	32+84.81	51.00' RT
CTH D	60'		70+90.68	71.93' LT
CTH D		40'	71+11.67	53.35' RT

FILE NAME: E1342A98/SHEETS /PLAN /E1342TYL2DG TECH/ENGR: SSQ/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /97 PLOT SCALE: 1:1
LEVELS ON - 1,2,3,4,5,6, 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,

STATE PROJECT NUMBER	SHEET NO. 3.1
MISCELLANEOUS QUANTITIES CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO

CLEARING AND GRUBBING

STATION TO STATION	LOCATION	CLEARING STA	GRUBBING STA
20+50 - 41+00	CRASS RD.	21	21
32+00 - 69+00	CRASS RD.	27	27
	TOTALS	48	48

COMMON EXCAVATION

STATION TO STATION	LOCATION	EXC. CY	EBS CY	FILL* CY	BORROW CY	WASTE CY
20+50 - 71+50	CRASS RD.	20200	940	20500	300	940

* 1.3 EXPANSION FACTOR

LANDSCAPING SUMMARY

STATION TO STATION	LOCATION	TOPSOIL SY	MULCHING SY	SEED # 20 LB	SEED # 50 LB	FERTILIZER TYP B CWT
20+00 - 35+00.LT	CRASS RD.	3500	3500	110	20	2.7
20+00 - 35+00.RT	CRASS RD.	3500	3500	110	20	2.7
35+00 - 71+50.LT	CRASS RD.	8800	8800	290	50	7.3
35+00 - 71+50.RT	CRASS RD.	8700	8700	290	50	7.3
	TOTALS	24500	24500	800	140	20

CRUSHED AGGREGATE BASE COURSE

STATION TO STATION	LOCATION	CABC TON
20+50 - 71+50	CRASS RD.	8100
20+50 - 71+50	CRASS RD. SHOULDER	400
20+50 - 71+50	CRASS RD. DRIVEWAYS	120
32+50	CRASS RD. & LAFOND RD.	100
71+50	CRASS RD./CTH D	80
	TOTALS	8800

BREAKER RUN STONE

STATION TO STATION	LOCATION	TON
24+50 - 29+00	CRASS RD.	1200

EROSION CONTROL

STATION TO STATION	LOCATION	SILT FENCE FT
24+50 - 28+50.LT	CRASS RD.	400
24+50 - 30+00.RT	CRASS RD.	550
32+00 - 37+00.RT	CRASS RD.	500
33+00 - 35+50.LT	CRASS RD.	250
38+00 - 43+00.RT	CRASS RD.	500
40+00 - 45+00.LT	CRASS RD.	500
49+00 - 51+00.LT	CRASS RD.	200
54+00 - 56+00.LT	CRASS RD.	200
54+00 - 57+00.RT	CRASS RD.	300
62+00 - 64+00.RT	CRASS RD.	200
63+00 - 64+00.LT	CRASS RD.	100
69+00 - 72+00.RT	CRASS RD.	300
	UNDISTRIBUTED	800
	TOTALS	4800

CULVERT PIPE INSTALLATION

STATION	LOCATION	12" CSCP LENGTH LF	18" CSCP LENGTH LF	18" CORR POLY LENGTH LF	MIN. THICKNESS STEEL INCH	MIN. THICKNESS ALUMINUM INCH	INLET ELEVATION	DISCHARGE ELEVATION	18" APRON ENDWALLS EACH
20+50	CRASS RD.	----	54	----	0.064	0.06	1485.95	1485.80	----
22+50.RT	DRIVEWAY	30	----	----	----	----	----	----	----
27+50	CRASS RD.	----	----	72	0.064	0.06	1477.60	1477.40	2
30+00.LT	CRASS RD. DITCH	----	----	150	0.064	0.06	----	----	----
49+50.RT	DRIVEWAY	34	----	----	0.064	0.06	----	----	----
51+20.RT	DRIVEWAY	34	----	----	0.064	0.06	----	----	----
59+80.RT	DRIVEWAY	34	----	----	0.064	0.06	----	----	----
63+00	CRASS RD.	----	---	64	----	----	1470.25	1470.00	2
63+30.RT	DRIVEWAY	28	----	----	0.064	0.08	----	----	----
70+00	CRASS RD.	----	---	50	----	----	1472.00	1471.00	2
	TOTALS	160	54	336					6

SAWING EXISTING PAVMENT

STATION	LOCATION	L.F.
20+50	CRASS RD.	65
32+50	LA FOND RD.	20
71+50	CRASS RD.	100
	TOTAL	185

Conventional Signs and Abbreviations

SECTION LINE	AC	ACRES	R	RADIUS
QUARTER LINE	Δ	CENTRAL ANGLE	R.	RANGE
TOWNSHIP AND RANGE LINE	C/L	CENTERLINE	REF	REFERENCE LINE
PROPOSED OR NEW CENTERLINE	COR.	CORNER	R/L	REFERENCE LINE
PROPOSED OR NEW R/W LINE	CTH	COUNTY TRUNK HIGHWAY	R/W	RIGHT OF WAY
EXISTING R/W LINE	D	DEGREE OF CURVE	S.	SOUTH
LOT LINE	E.	EAST	SEC	SECTION
P.L. PROPERTY LINE	L	LENGTH OF CURVE	SL	SECTION LINE
COUNTY LINE LIMITS	LC	LONG CHORD	STH	STATE TRUNK HIGHWAY
SLOPE INTERCEPTS	LCB	LONG CHORD BEARING	SF	SQUARE FEET
R/W POINT	MI	MILE	STA	STATION
FENCE	N.	NORTH	T.	TOWN
SECTION OR QUARTER CORNER	PC	POINT OF CURVATURE	T	TANGENT LENGTH OF CURVE
POWER POLE	PI	POINT OF INTERSECTION	TI	TEMPORARY INTEREST
TELEPHONE PEDESTAL	PT	POINT OF TANGENCY	USH	UNITED STATES HIGHWAY
UNDERGROUND TELEPHONE CABLE	PLE	PERMANENT LIMITED EASEMENT	W.	WEST

TEMPORARY INTEREST

NO ACCESS (BY ACQUISITION)

NO ACCESS (BY STATUTORY AUTHORITY)

NO ACCESS (BY PREVIOUS PROJECT)

RIGHT-OF-WAY TYPE 2 MONUMENTS SET AT NEWLY ACQUIRED R/W ANGLE POINTS

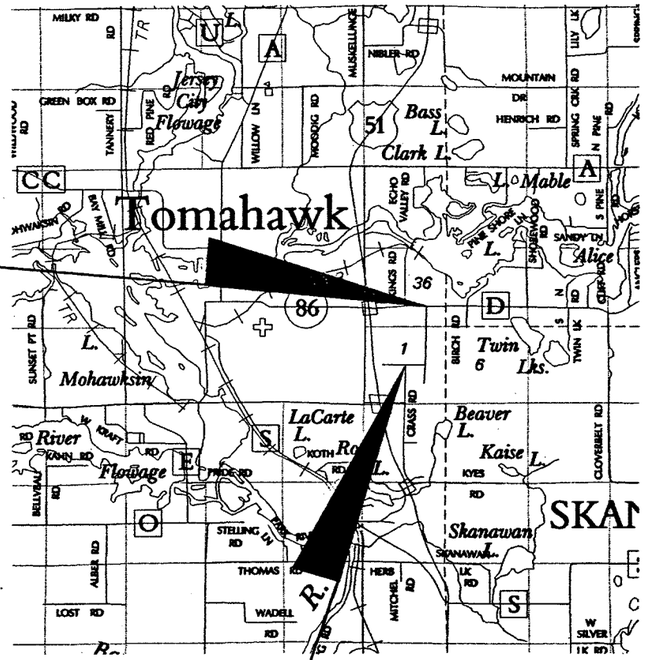
REVISION DATE	R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
	FEDERAL PROJECT NUMBER	4.0	7

PLAT OF RIGHT OF WAY REQUIRED FOR

CRASS ROAD

IVERSON ROAD TO CTH D
TOWN OF BRADLEY
LINCOLN COUNTY

N



END RELOCATION ORDER

STATION 71+62.72
6409.62 FEET NORTH OF AND 1286.27 FEET EAST OF THE SOUTH QUARTER CORNER OF FRACTIONAL SECTION 1, T34N, R6E

BEGIN RELOCATION ORDER

STATION 19+95.47
2527.28 FEET NORTH OF AND 23.64 FEET WEST OF THE SOUTH QUARTER CORNER OF FRACTIONAL SECTION 1, T34N, R6E

LAYOUT
SCALE 0 ½ 1 MI.
TOTAL NET LENGTH OF CENTERLINE = 0.98 MI.

Notes

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO PROJECT SPECIFIC COORDINATE SYSTEM. ALL PLAT DISTANCES ARE GROUND LENGTH. THE DIFFERENCE BETWEEN PLAT BEARINGS REPRESENTS PLANE ANGLES IN DEGREES, MINUTES, AND SECONDS.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER FOR ALL LANDS BEING ACQUIRED.

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. OTHER INFORMATION IS PROVIDED TO SUPPLEMENT THE BASIC PERIMETER DESCRIPTION AND SHALL NOT BE CONSTRUED TO PREVAIL OVER THE PERIMETER DESCRIPTION.

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.

ORIGINAL PLANS PREPARED BY
OMNNI ASSOCIATES
APPLETON, WISCONSIN

WISCONSIN
DONALD F. LA COUNT
S-1086
KAUKAUNA, WI
LAND SURVEYOR

Dec. 20, 2001 (Date)
Donald F. LaCount (Signature)

SCHEDULE OF LANDS & INTERESTS REQUIRED

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

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NUMBER	SHEET NUMBER	OWNER	INTEREST REQUIRED	TOTAL AREA	R/W AREA REQUIRED NEW	EXISTING	TOTAL	TOTAL AREA REMAINING	TI AREA
1	4.3 4.4	FRANCIS M. LAFOND & FRANCES E. LAFOND	FEE	40.00 AC	0.61 AC	2.00 AC	2.61 AC	37.39 AC	---
2	4.3 4.4	MICHAEL A. GOES	FEE	17.59 AC	0.22 AC	0.51 AC	0.73 AC	16.86 AC	---
3	4.4	EARL E. MARTINSON, DONNA M. DONALD, ROBERT A. MARTINSON & MARILYN MARTINSON JIROVEC	FEE	40.00 AC	---	0.01 AC	0.01 AC	39.99 AC	---
4	4.4 4.5	KARL E. HOFMANN & SHERRE L. HOFMANN	FEE		0.22 AC	1.48 AC	1.70 AC	48.30 AC	---
5									---
6	4.5	ROBERT H. STEPHEN	FEE	37.51 AC	0.31 AC	0.92 AC	1.23 AC	36.28 AC	---
7	4.5	LINCOLN COUNTY	FEE	0.02 AC	---	0.02 AC	0.02 AC	0.00 AC	---
8	4.5	GERALD E. BROWN & ORLAINE B. BROWN	FEE	36.82 AC	0.27 AC	0.92 AC	1.19 AC	35.63 AC	---
9	4.5	ORRIN H. KOLBERG	FEE	2.00 AC	---	0.16 AC	0.16 AC	1.84 AC	---
10									---
11	4.5 4.6	STEPHEN THEILER & TED THEILER	FEE	36.00 AC	0.24 AC	0.82 AC	1.06 AC	34.94 AC	---
12	4.5 4.6	ROBERT L. ESPITIA SR. & JUDITH A. ESPITA	FEE	37.78 AC	---	0.66 AC	0.66 AC	37.12 AC	---
90	4.3	GTE NORTH INCORPORATED	CONVEYANCE OF RIGHTS	---	---	---	---	---	---
91	4.4	AMERICAN TRANSMISSION COMPANY LLC.	CONVEYANCE OF RIGHTS	---	---	----	---	---	---

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

REVISION DATE	DATE 12-20-01		HWY: CRASS ROAD	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.	
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 1	E

FILE NAME : f:\engrdwgs\e1342a98\sheets\plat\sched.dgn PLOT DATE: 20 DEC 2001 07:28:08 ORG DATE : / /2000 PLOT SCALE : ORIGINATOR : OMNNI ASSOCIATES PLOT SCALE :

WISDOT/CADDS SHEET 60

N

NE - NW | SE - NW | NE - NW | SE - SW

IVERSON ROAD

CRASS ROAD

GTE NORTH INCORPORATED (90)

TOWN OF BRADLEY

JOEL LECHLEITNER
CAROL LECHLEITNER

(1) FRANCIS M. LAFOND
FRANCES E. LAFOND

SECTION 1 | SECTION 36

NW - SE | SW - SE

(91) AMERICAN TRANSMISSION COMPANY LLC.

SW - NE | NW - NE

(11) STEPHEN THEILER
TED THEILER

(2) MICHAEL A. GOES

(4) KARL E. HOFMAN
SHERRE L. HOFMANN

(6) ROBERT H. STEPHAN

LAFOND ROAD

CRASS ROAD

CTH D

(3) EARL W. MARTINSON
DONNA M. DONALD
ROBERT A. MARTINSON
MARILYN MARTINSON JIROVEC

(7) LINCOLN COUNTY

GERALD E. BROWN
ORLAINE B. BROWN
(8)

ROBERT L. ESPITIA SR
JUDITH A ESPITIA
(12)

SE - NE | NE - NE | SE - SE

(4) KARL E. HOFMAN
SHERRE L. HOFMANN

NE - SE

SECTION 1 | SECTION 36

(91) AMERICAN TRANSMISSION COMPANY LLC.

ORRIN H. KOLBERG
(9)

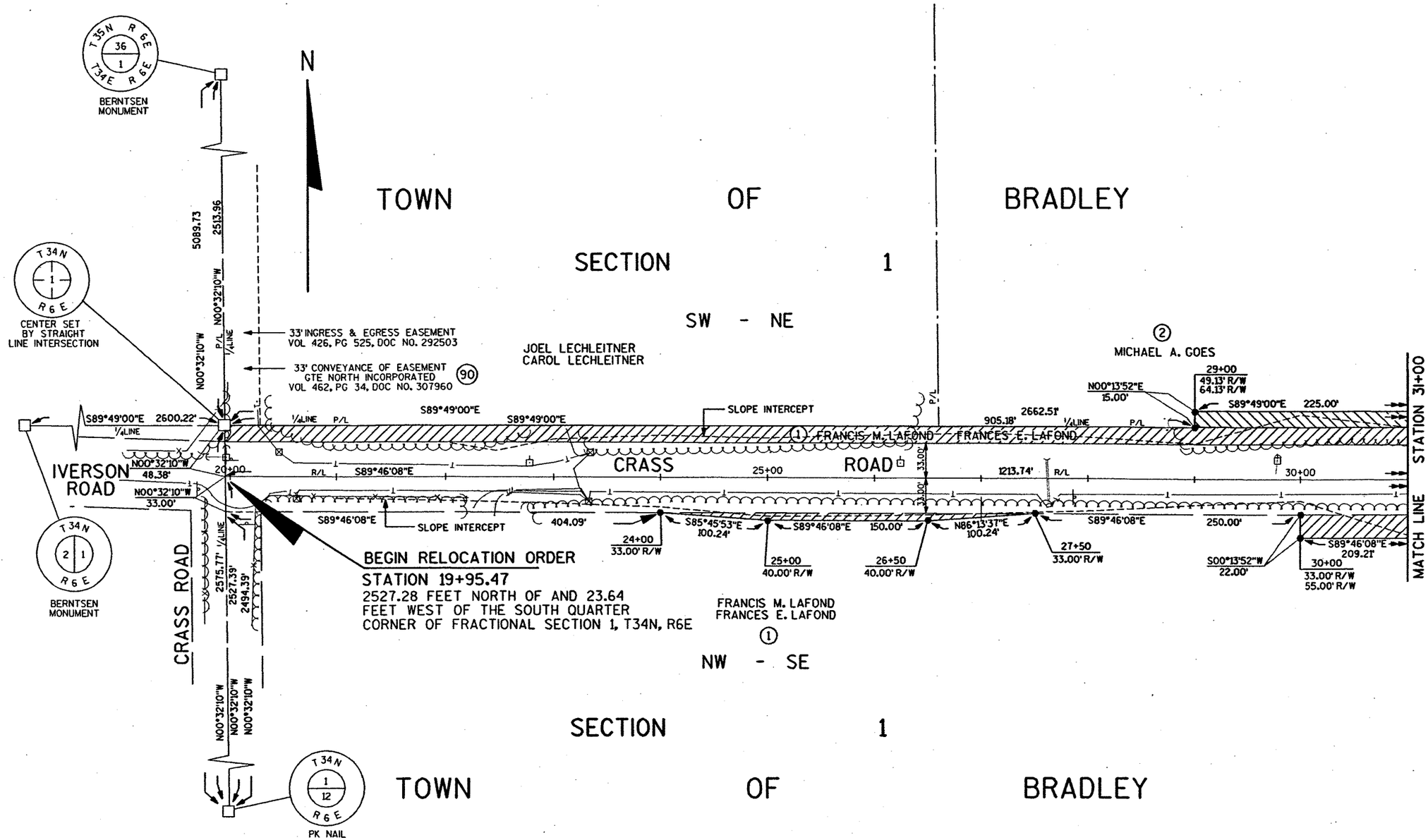
TOWN OF BRADLEY

REVISION DATE	DATE 12-20-01	0 75 150 300	HWY: CRASS ROAD	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 2 E

FILE NAME : f:\engrdwgs\e1342a98\sheets\plat\lol.dgn PLOT DATE: 20 DEC 2001 07:25:44 ORG DATE : / /2000 PLOT SCALE : ORIGINATOR : OMNNI ASSOCIATES PLOT SCALE :

WISDOT/CADDS SHEET 70

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.

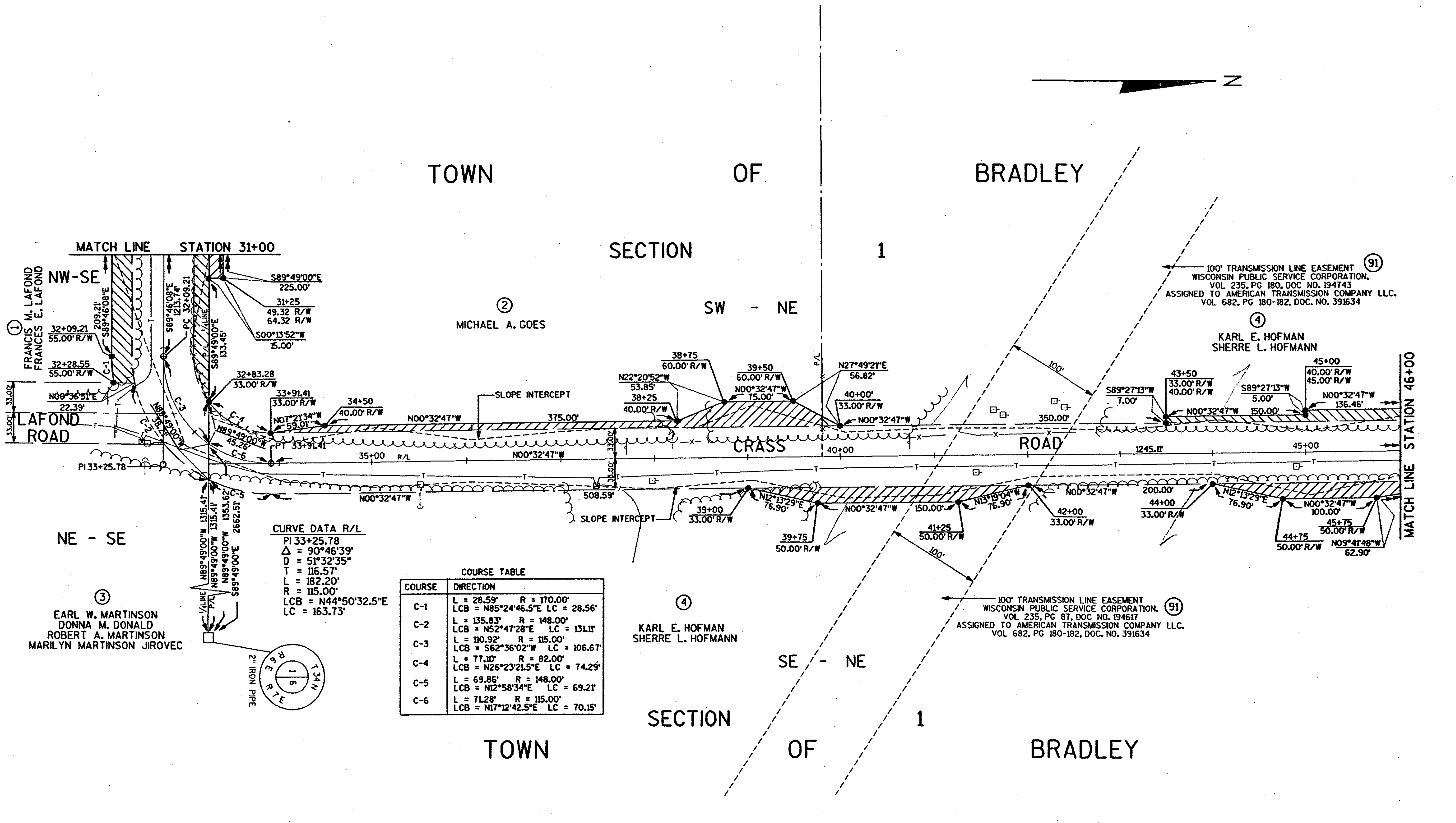


REVISION DATE	DATE 12-20-01	0 25 50 100	HWY: CRASS ROAD	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 3 E

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

FILE NAME : f:\engrdwgs\e1342a98\sheets\plat\rp1.dgn PLOT DATE: 20 DEC 2001 07:38:31 ORG DATE : / /2000 PLOT SCALE : ORIGINATOR : OMNNI ASSOCIATES PLOT SCALE :

WISDOT/CADDS SHEET TO


TOWN OF BRADLEY
SECTION 1
SW - NE
NW-SE
NE - SE
SE - NE
MATCH LINE STATION 31+00
MATCH LINE STATION 46+00
LAFOND ROAD
CRASS ROAD
① FRANCIS M. LAFOND FRANCES E. LAFOND
② MICHAEL A. GOES
③ EARL W. MARTINSON DONNA M. DONALD ROBERT A. MARTINSON MARILYN MARTINSON JIROVEC
④ KARL E. HOFMAN SHERRE L. HOFMANN
100' TRANSMISSION LINE EASEMENT (91) WISCONSIN PUBLIC SERVICE CORPORATION. VOL 235, PG 180, DOC NO. 194743 ASSIGNED TO AMERICAN TRANSMISSION COMPANY LLC. VOL 682, PG 180-182, DOC. NO. 391634
100' TRANSMISSION LINE EASEMENT (91) WISCONSIN PUBLIC SERVICE CORPORATION. VOL 235, PG 87, DOC NO. 194617 ASSIGNED TO AMERICAN TRANSMISSION COMPANY LLC. VOL 682, PG 180-182, DOC. NO. 391634
SLOPE INTERCEPT
PI 33+25.78
PT 33+91.41
2" IRON PIPE
T34N R6E R7E 1/6
S89°49'00"E 225.00'
31+25 49.32 R/W 64.32 R/W
S00°13'52"W 15.00'
32+09.21 55.00' R/W
32+28.55 55.00' R/W
32+83.28 33.00' R/W
33+91.41 33.00' R/W
34+50 40.00' R/W
38+75 60.00' R/W
39+50 60.00' R/W
40+00' 33.00' R/W
43+50 33.00' R/W 40.00' R/W
45+00 40.00' R/W 45.00' R/W
39+00 33.00' R/W
39+75 50.00' R/W
41+25 50.00' R/W
42+00 33.00' R/W
44+00 33.00' R/W
44+75 50.00' R/W
45+75 50.00' R/W
N09°41'48"W 62.90'
N00°32'47"W 136.46'
S89°27'13"W 5.00' 150.00'
S89°27'13"W 7.00'
N22°20'52"W 53.85'
38+25 40.00' R/W
N00°32'47"W 75.00'
N27°49'21"E 56.82'
N07°21'34"W 59.01'
N00°32'47"W 375.00'
350.00'
1245.11'
508.59'
N12°13'29"E 76.90'
N13°19'04"W 76.90'
150.00'
200.00'
100.00'
100'
N00°36'51"E 22.39'
33.00'
N89°49'00"W 45.26'
S89°46'08"E 209.21'
S89°46'08"E 1213.74'
PC 32+09.21
S89°49'00"E 133.45'
N89°49'00"W 1315.41'
N89°49'00"W 1315.41'
N89°49'00"W 1353.62'
S89°49'00"E 2662.51'
C-1 C-2 C-3 C-4 C-5 C-6
35+00 40+00 45+00
R/L P/L 1/4 LINE
Z

CURVE DATA R/L
PI 33+25.78
Δ = 90°46'39'
D = 51°32'35"
T = 116.57'
L = 182.20'
R = 115.00'
LCB = N44°50'32.5"E
LC = 163.73'

COURSE TABLE

COURSE	DIRECTION
C-1	L = 28.59' R = 170.00' LCB = N85°24'46.5"E LC = 28.56'
C-2	L = 135.83' R = 148.00' LCB = N52°47'28"E LC = 131.11'
C-3	L = 110.92' R = 115.00' LCB = S62°36'02"W LC = 106.67'
C-4	L = 77.10' R = 82.00' LCB = N26°23'21.5"E LC = 74.29'
C-5	L = 69.86' R = 148.00' LCB = N12°58'34"E LC = 69.21'
C-6	L = 71.28' R = 115.00' LCB = N17°12'42.5"E LC = 70.15'

REVISION DATE	DATE 12-20-01	0 25 50 100	HWY: CRASS ROAD	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.	
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 4	E

FILE NAME : f:\engrdwgs\e1342a98\sheets\plat\rp2.dgn PLOT DATE: 20 DEC 2001 07:38:59 ORG DATE : / /2000 PLOT SCALE : ORIGINATOR : OMNNI ASSOCIATES PLOT SCALE : WISDOT/CADDS SHEET 70

DETAIL A

N89°26'08"E 1281.82'

SEC LINE (TOWN LINE)

N00°40'59"W 0.30'

45.00' R/W

N00°40'59"W 255.74'

N00°18'46"E 119.75'

CRASS ROAD

N89°26'08"E 45.00'

N00°40'59"W R/L

PI 58+55.65

N00°18'46"E

TOWN OF BRADLEY

SECTION 1

NW- NE

TOWN OF BRADLEY

SECTION 36

SW - SE

BERNTSEN MONUMENT

P/L N89°26'08"E 1281.82' SEC LINE/TOWN LINE N89°26'08"E 1326.82'

STATION 46+00

MATCH LINE

P/L

N00°32'47"W 136.46'

45.00' R/W

N00°40'59"W

363.43'

50+00 40.00' R/W 45.00' R/W

N89°19'01"E 5.00'

N00°40'59"W

⑥ ROBERT H. STEPHAN

SLOPE INTERCEPT

400.00'

S89°19'01"W 10.00'

54+00 40.00' R/W 50.00' R.W

N00°40'59"W

200.00'

56+00 45.00' R/W 50.00' R/W

N89°19'01"E 5.00'

N00°40'59"W

N00°40'59"W 0.30'

SEE DETAIL A

255.74'

45.00' R/W

N00°18'46"E 119.75'

60+25 33.00' R/W

N13°48'30"E 51.42'

59+75 45.00' R/W

N00°18'46"E 375.00'

STATION 61+00

N00°32'47"W 1245.11'

N00°40'59"W R/L

50+00

CRASS

ROAD 55+00 1219.13'

33.00'

33.00'

N89°26'08"E 45.00'

S89°26'08"W 33.00'

N00°18'46"E 60+00 1307.07'

N00°18'46"E 1069.08'

PI 58+55.65

PI 46+36.52

N00°40'59"W 150.00'

N00°40'59"W 150.00'

N00°40'59"W 150.00'

N08°24'26"E

202.54'

N00°40'59"W 150.00'

N18°25'40"W 105.00'

N00°40'59"W 155.36'

SEE DETAIL B

N00°18'46"E 1099.69'

N00°18'46"E 0.22'

SEC LINE/TOWN LINE P/L

MATCH LINE

N00°40'59"W 113.00'

47+50 40.00' R/W

N08°39'09"W 50.49'

48+00 33.00' R/W

N89°19'01"E 7.00'

49+50 33.00' R/W 40.00' R/W

51+00 33.00' R/W 40.00' R/W

S89°19'01"W 7.00'

52+50 33.00' R/W

54+50 65.00' R/W

56+00 65.00' R/W

57+00 33.00' R/W

LINCOLN COUNTY

⑦

46+37 40.00' R/W

N09°41'48"W 62.90'

GERALD E. BROWN
ORLAINE B. BROWN

⑧

ORRIN H. KOLBERG

⑨

NE - NE

SE - SE

SECTION 1

SECTION 36

TOWN OF BRADLEY

TOWN OF BRADLEY

N00°40'59"W R/L

N00°18'46"E

PI 58+55.65

33.00'

S89°26'08"W

CRASS ROAD

N00°40'59"W 155.36'

N00°18'46"E 1099.69'

N00°18'46"E 0.22'

SEC LINE (TOWN LINE)

DETAIL B

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,

REVISION DATE	DATE 12-20-01	0 25 50 100	HWY: CRASS ROAD	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 5 E

FILE NAME : f:\engrdwgs\e1342a98\sheets\plat\rp3.dgn PLOT DATE: 20 DEC 2001 07:20:33 ORG DATE : / /2000 PLOT SCALE : ORIGINATOR : OMNNI ASSOCIATES PLOT SCALE :

WISDOT/CADDS SHEET 70

N

TOWN OF BRADLEY

SECTION 36

SW - SE

(11)
STEPHEN THEILER
TED THEILER

STATION 61+00

64+00
33.00' R/W

65+00
50.00' R/W

69+72.78'
50.00' R/W

N09°20'07"W
101.43'

N00°18'46"E

375.00'

SLOPE INTERCEPT

472.78'

S45°49'19"E
69.35'

100.00'

110.00'

D

CRASS ROAD

R/L 33.00'

N00°18'46"E 65+00

1307.07'

70+00

N00°18'46"E

237.99'

1069.08'

33.00'

N46°59'43"E
45.36'

N00°18'46"E

1099.69'

SLOPE INTERCEPT

69+24.73'

MATCH LINE

END RELOCATION ORDER
STATION 71+62.72
6409.62 FEET NORTH OF AND 1286.27
FEET EAST OF THE SOUTH QUARTER
CORNER OF FRACTIONAL SECTION 1, T34N, R6E

CTH

ROBERT L. ESPITIA SR
JUDITH A. ESPITIA
(12)

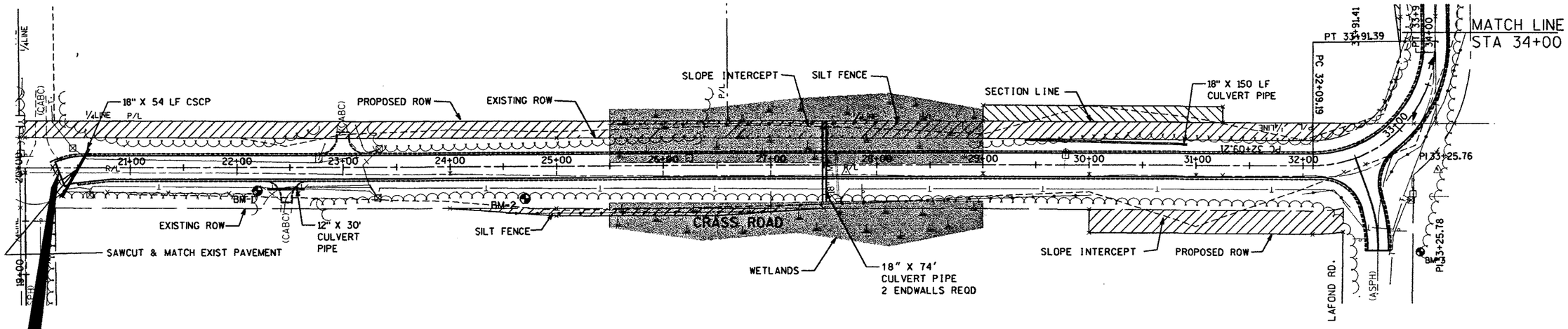
SE - SE

SECTION 36

TOWN OF BRADLEY

REVISION DATE	DATE 12-20-01	0 25 50 100	HWY: CRASS ROAD	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 4.
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER	PLAT SHEET NO: 4. 6 E

STATE PROJECT NUMBER	SHEET NO. 5.1
PLAN AND PROFILE CROSS ROAD TOWN OF BRADLEY	LINCOLN CO.

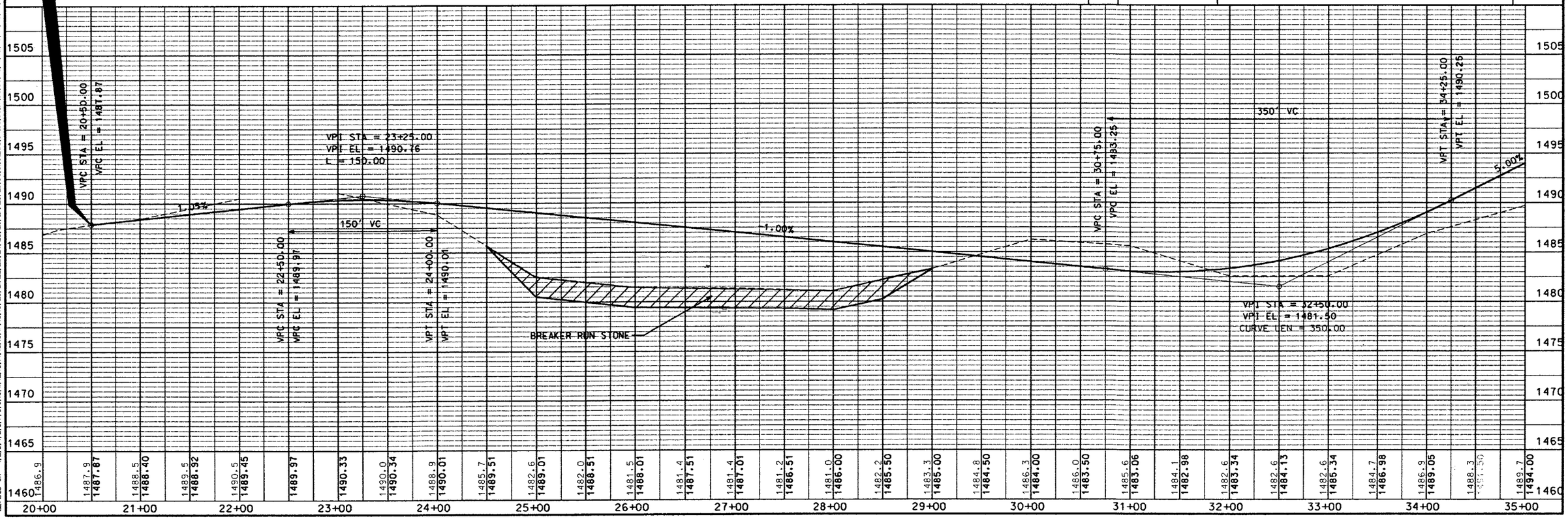


BEGIN PROJECT

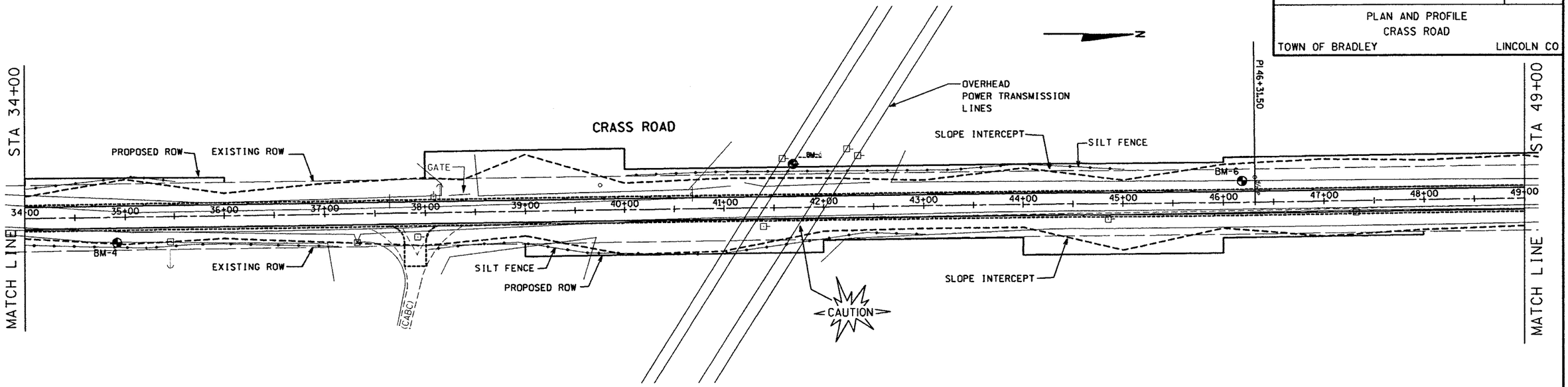
STA 20+50

BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
1	22+19.6±	P.K IN 20" PONE 20± W OF DRIVE FOR HSE # W 5077	1491.57
2	24+70.5±	P.K IN 20" BIRCH S. SIDE RD.	1485.95
3	32+50±	P.K IN 20" PONE SE RD. + LA FOND ROAD	1478.76

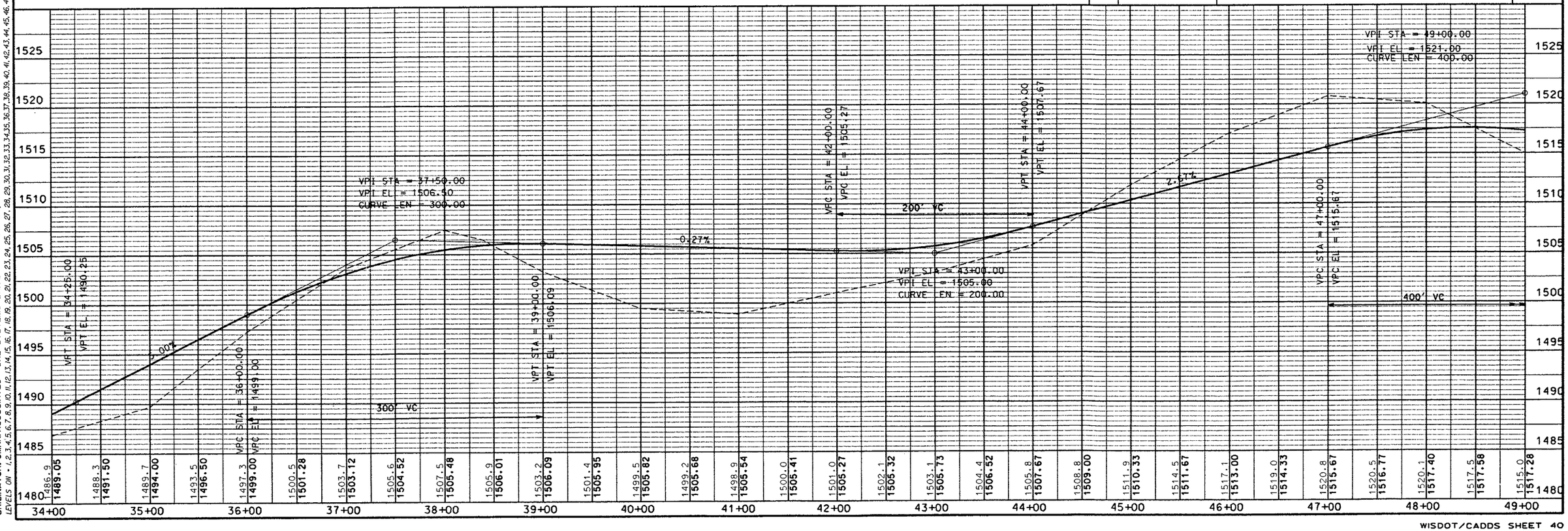


STATE PROJECT NUMBER	SHEET NO. 5.2
PLAN AND PROFILE CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO



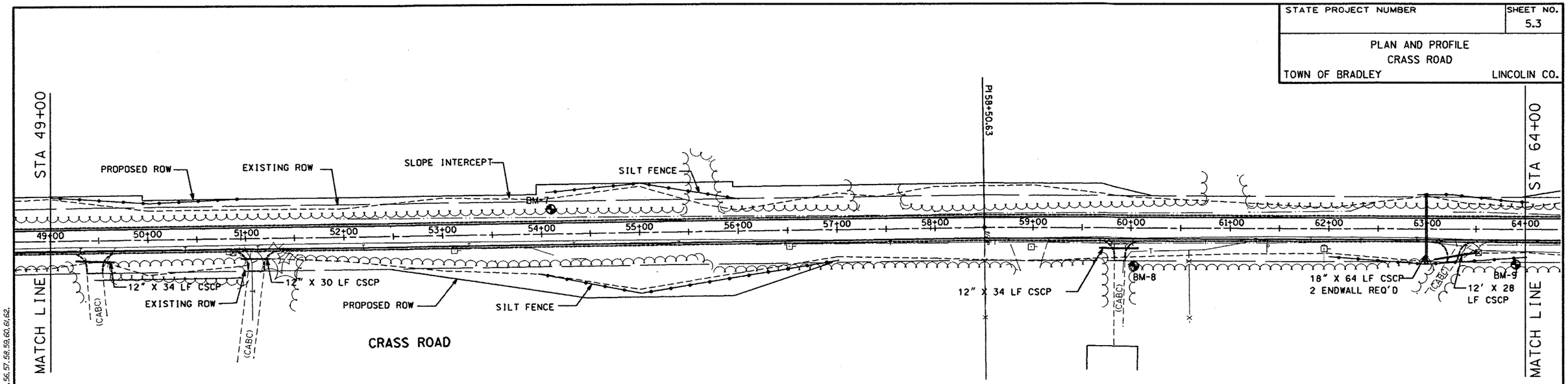
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
4	34+87.5±	P.K. IN 14" PINE, 27'±EAST SIDE OF PRO. RD. ℄	1490.32
5	41+69±	P.K. IN P.POLE OF SOUTH PAIR 43'± WEST OF PRO. RD. ℄	1498.80
6	46+12.5±	P.K. IN 18" PINE, 20'± WEST SIDE OF PRO. RD. ℄	1519.37



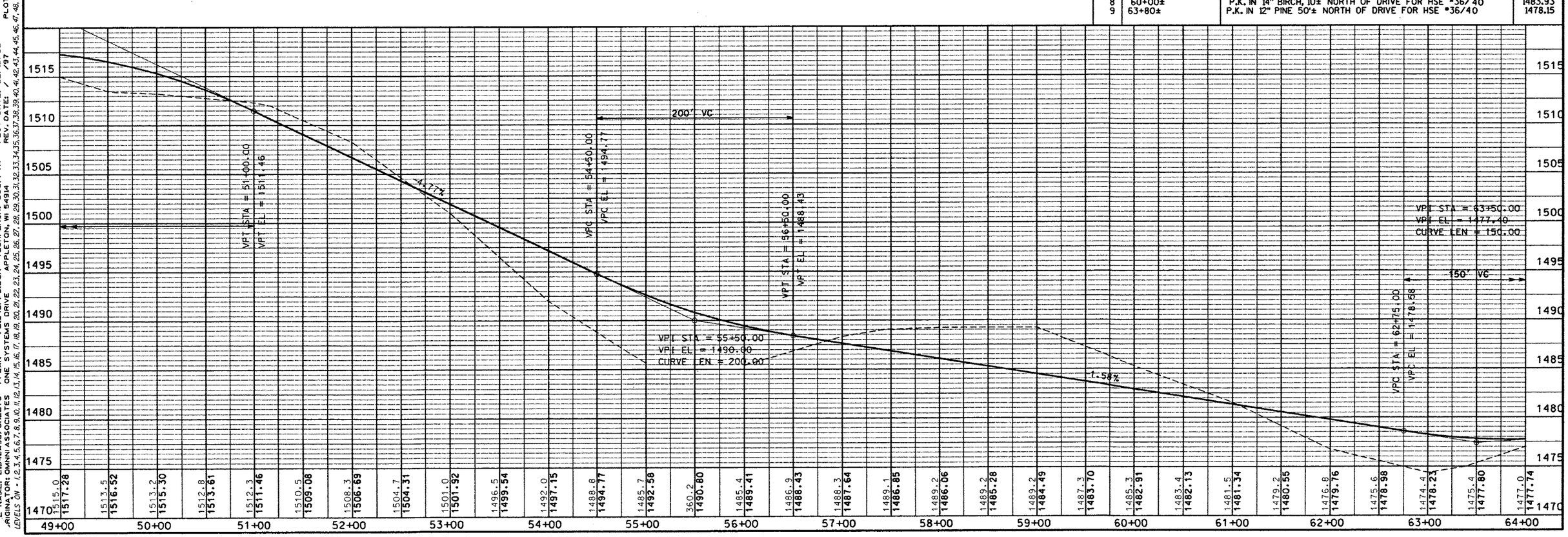
PLOT SCALE: 1:1
PLOT DATE: 06/13/00
REV. DATE: / /97
FILE NAME: E1342A98/SHEETS /PLAN /E1342PP2.DGN TECH/ENGR: SSQ/PTR
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,

STATE PROJECT NUMBER	SHEET NO. 5.3
PLAN AND PROFILE CRASS ROAD	
TOWN OF BRADLEY	LINCOLIN CO.



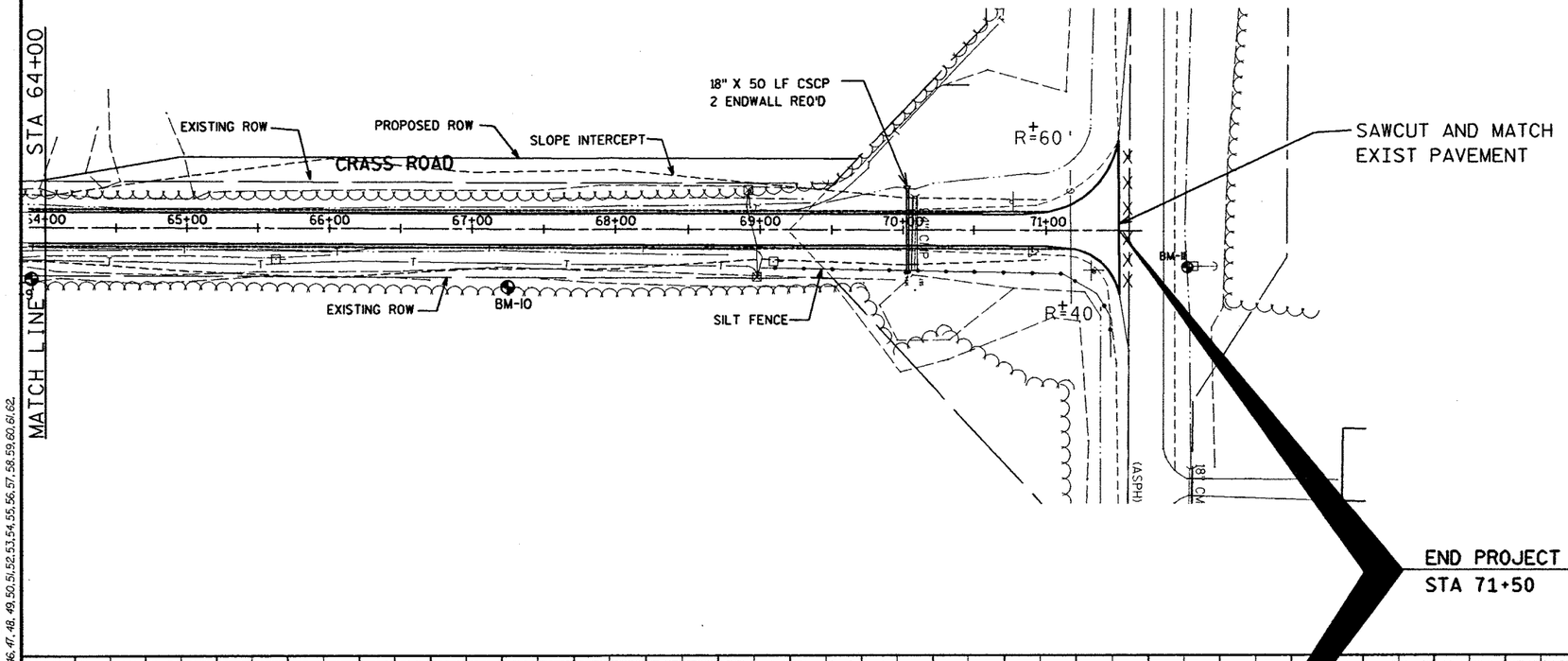
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
7	45+20±	P.K. IN 20" PONE, 25'± WEST OF PRO. RD ℄	1488.77
8	60+00±	P.K. IN 14" BIRCH, 10± NORTH OF DRIVE FOR HSE #36/40	1483.93
9	63+80±	P.K. IN 12" PINE 50'± NORTH OF DRIVE FOR HSE #36/40	1478.15



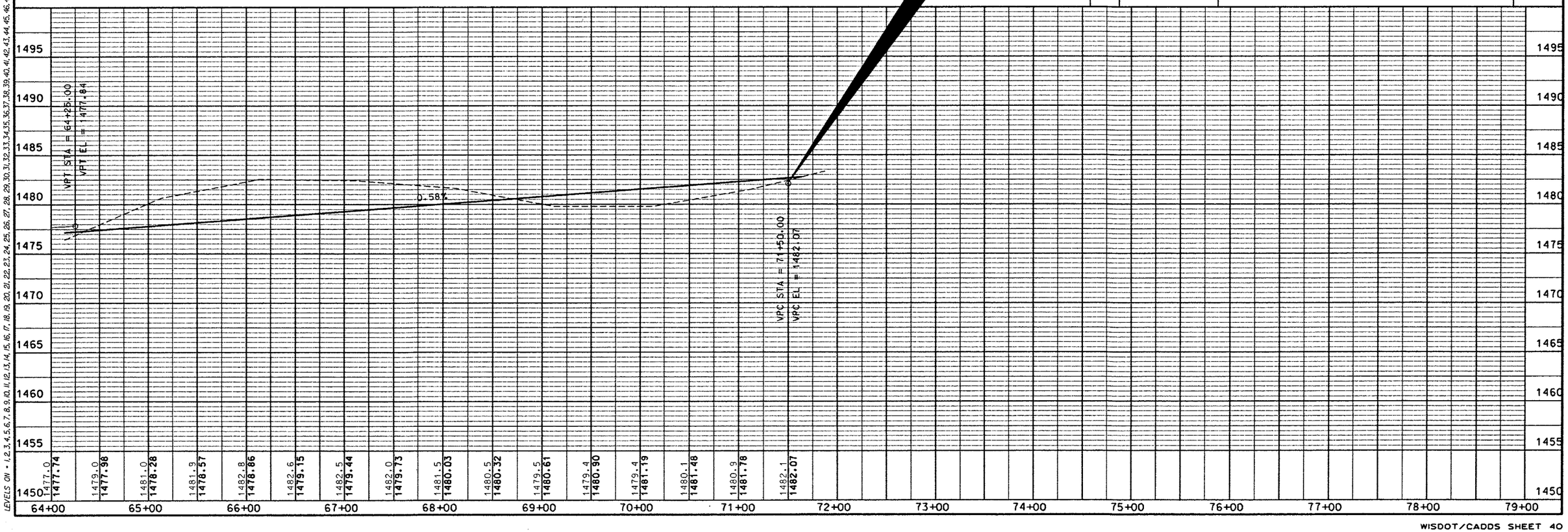
PLOT SCALE: 1:1
PLOT DATE: 02/15/02
FILE NAME: E1342A98/SHEETS /PLAN /E1342PP3.DGN TECH/ENGR: SSQ/PTR
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914
REV. DATE: / /97
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,

STATE PROJECT NUMBER	SHEET NO. 5.4
PLAN AND PROFILE CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO



BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
9	63+88.5	P.K. IN 12" PINE NORTH OF DRIVE FOR HSE #36/40	1478.15
10	67+25.6	P.K. IN 14" BLOCK 40'± EAST OF PRO. RD. ℄	1479.95
11	71+98	25'± EAST OF PRO. ROAD ℄	1481.34



PLOT SCALE: 1:1
PLOT DATE: 02/15/02
REV. DATE: / /97
E-NAME: E1342A98/SHEETS /PLAN /E1342PP4.DGN TECH/ENGR: SSQ/PTR
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914
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

REVISION DATE: 3-24-94

PLOT NAME:

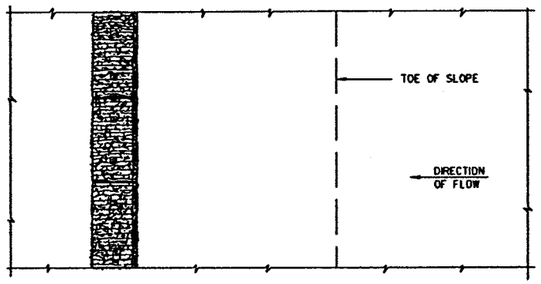
PLOT SCALE:

FILE NAME:

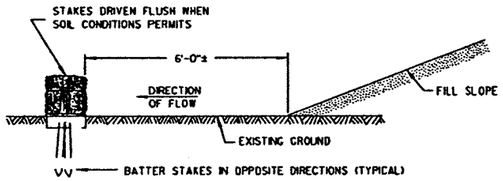
ORIGINATOR:

APPROVED — DATE — STATE CONST. ENGINEER FOR FHWA

APPROVED — DATE — STATE MAINT. ENGINEER FOR FHWA



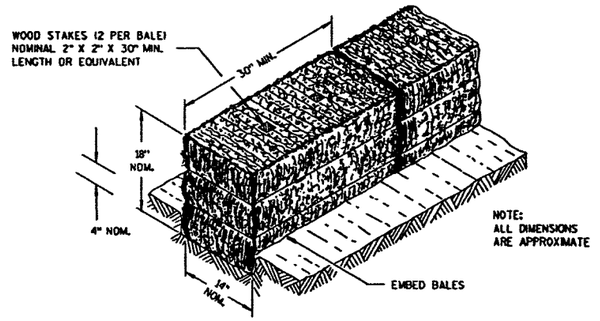
PLAN VIEW

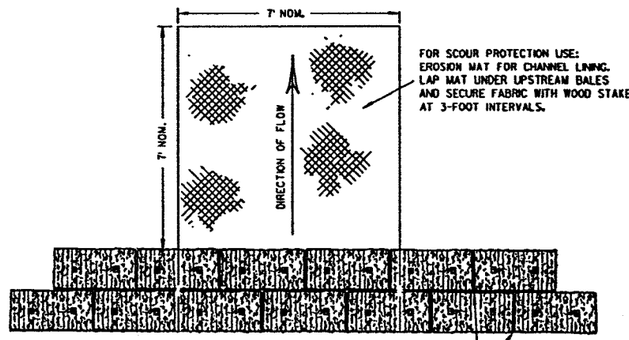


FRONT ELEVATION

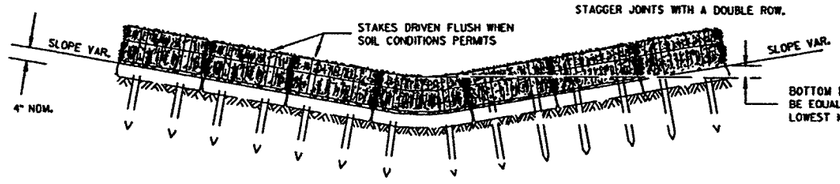
WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW



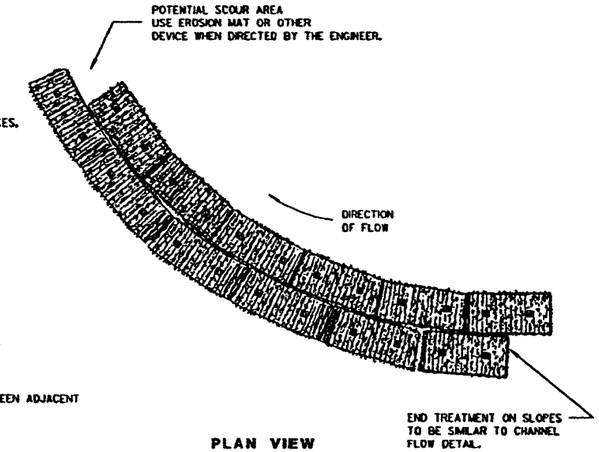


PLAN VIEW



FRONT ELEVATION

EROSION BALES FOR CHANNEL FLOW



PLAN VIEW

EROSION BALES WHEN ALTERING THE DIRECTION OF FLOW

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.

TYPICAL INSTALLATIONS OF EROSION BALES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

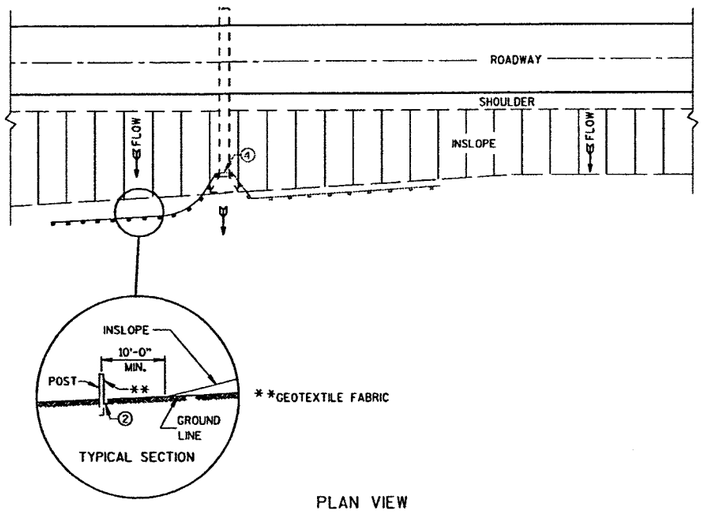
APPROVED

DATE — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

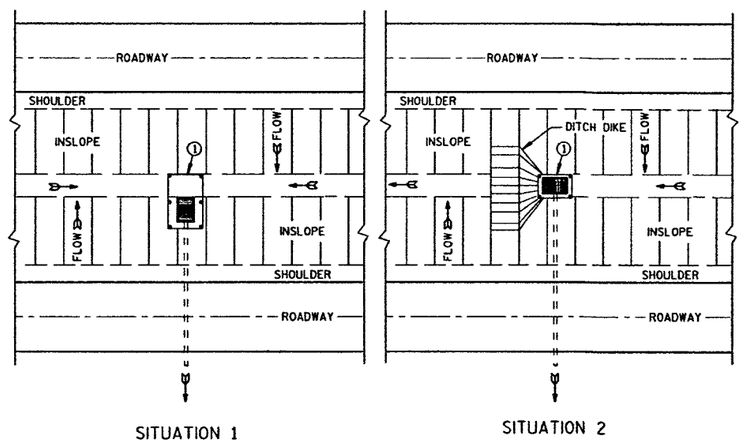
S.D.D. 8 E 8-2

S.D.D. 8 E 8-2



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

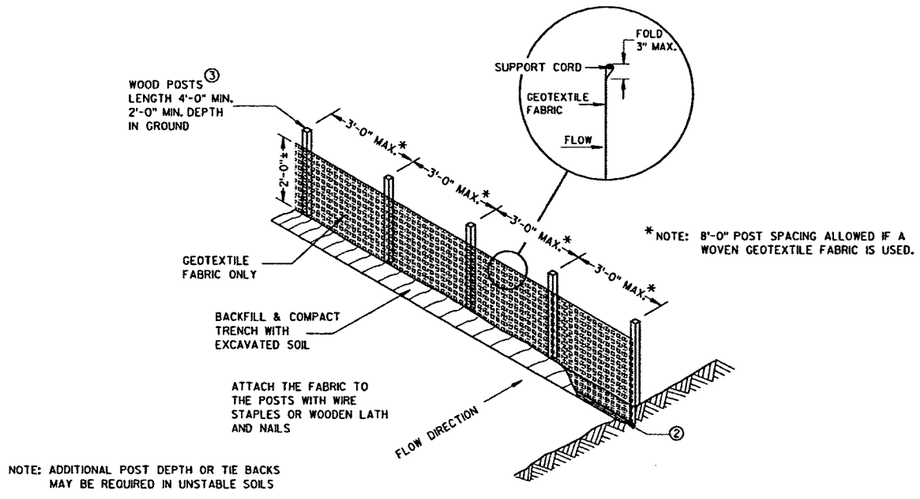
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

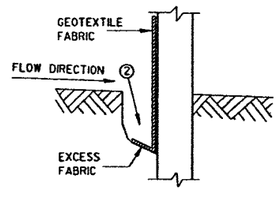
② TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

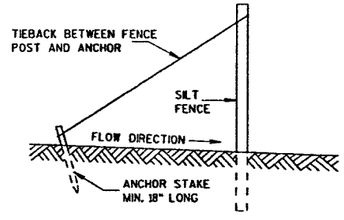
④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.



SILT FENCE



TRENCH DETAIL



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
DATE	CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

S.D.D. 8 E 9-5

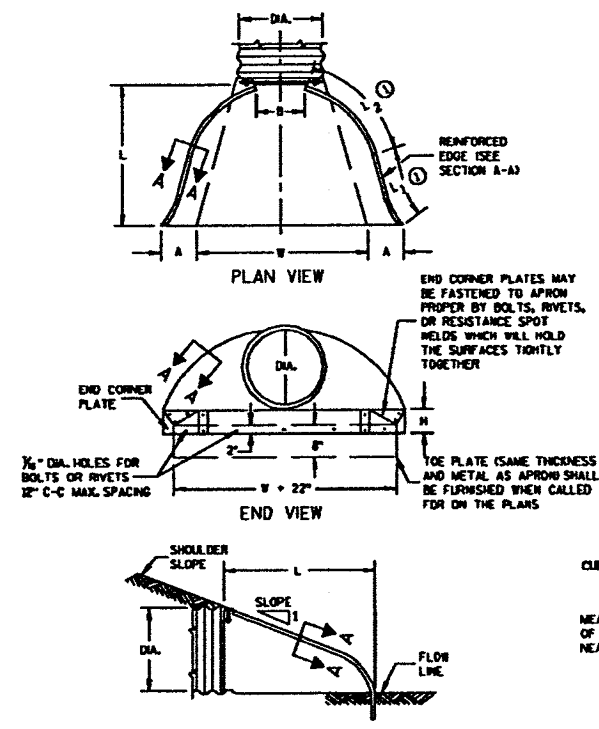
S.D.D. 8 E 9-5

METAL APRON ENDWALLS											
PIPE DIA. (IN.)	MIN. THICK. (inches)		DIMENSIONS (inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1½")	L1 ①	L2 ①	W (±2")		
12	.064	.060	6	6	6	21	12	17½	24	2½ to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21¾	30	2½ to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28¼	36	2½ to 1	1 Pc.
21	.064	.060	9	12	6	36	18	25⅝	42	2½ to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37¼	48	2½ to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52¼	60	2½ to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59¾	72	2½ to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75⅝	84	2½ to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2¼ to 1	3 Pc.
54	.109	.105	18	30	12	84	30	86½	102	2¼ to 1	3 Pc.
60	.109*	.105*	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109*	.105*	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109*	.105*	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109*	.105*	18	42	12	87	—	—	132	1½ to 1	3 Pc.
84	.109*	.105*	18	45	12	87	—	—	138	1½ to 1	3 Pc.
90	.109*	.105*	18	37	12	87	—	—	144	1½ to 1	3 Pc.
96	.109*	.105*	18	35	12	87	—	—	150	1½ to 1	3 Pc.

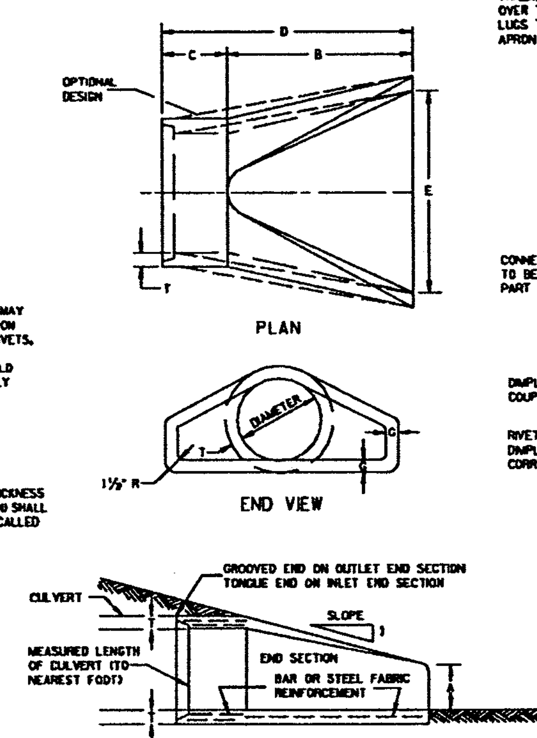
* EXCEPT CENTER PANEL
SEE GENERAL NOTES

REINFORCED CONCRETE APRON ENDWALLS								
PIPE DIA. (IN.)	DIMENSIONS (inches)							APPROX. SLOPE
	T	A	B	C	D	E	G	
12	2	4	24	48¼	72¼	24	2	3 to 1
15	2¼	6	27	46	73	30	2¼	3 to 1
18	2½	9	27	46	73	36	2½	3 to 1
21	2¾	9	36	37½	73½	42	2¾	3 to 1
24	3	9½	43½	30	73½	48	3	3 to 1
27	3¼	10½	49½	24	73½	54	3¼	3 to 1
30	3½	12	54	19¾	73½	60	3½	3 to 1
36	4	15	63	34¾	97¾	72	4	3 to 1
42	4½	21	63	35	98	78	4½	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5½	27	65	*33¼-35**	*98¼-100**	90	5½	2⅞ to 1
60	6	*30-35**	60	39	99	96	5	2 to 1
66	6½	*24-30**	*72-78**	*21-27**	99	102	5½	2 to 1
72	7	*24-36**	78	21	99	108	6	2 to 1
78	7½	*24-36**	78	21	99	114	6½	2 to 1
84	8	36	90½	21	112½	120	6½	1½ to 1
90	8½	41	87½	24	112½	132	6½	1½ to 1

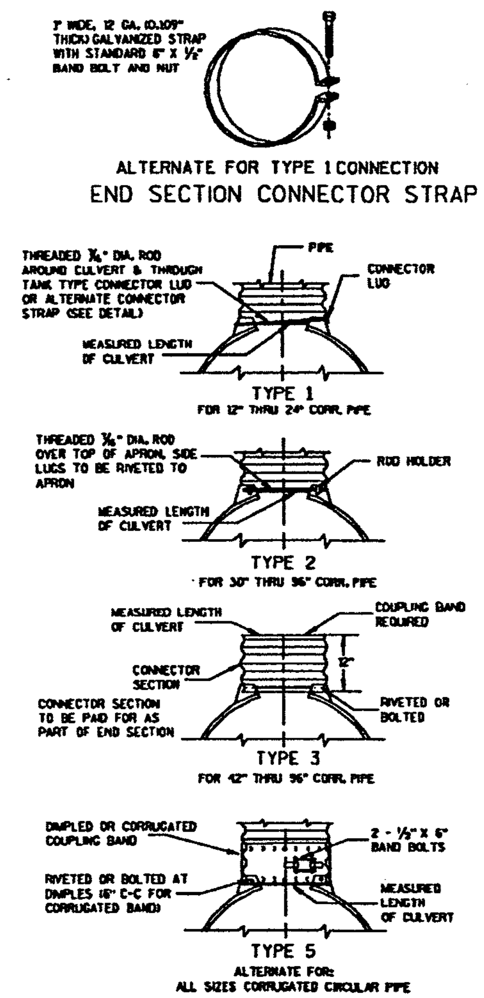
*MINIMUM
**MAXIMUM



METAL ENDWALLS



CONCRETE ENDWALLS



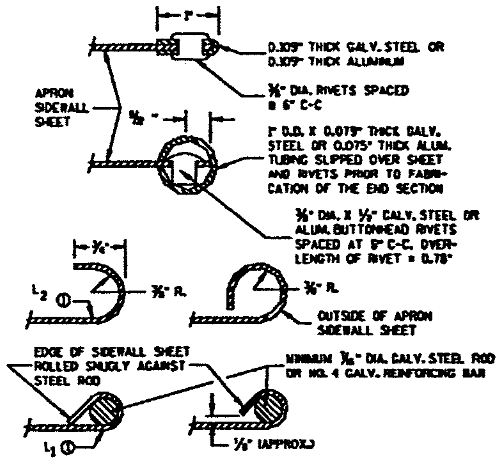
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

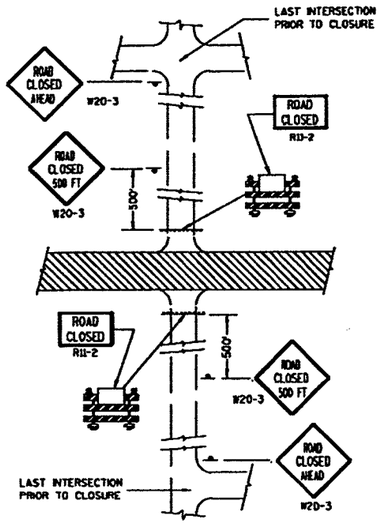
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

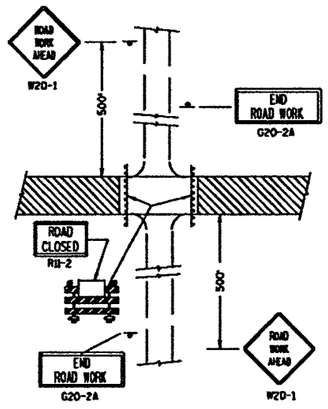
APPROVED

DATE | CHIEF ROADWAY DEVELOPMENT ENGINEER

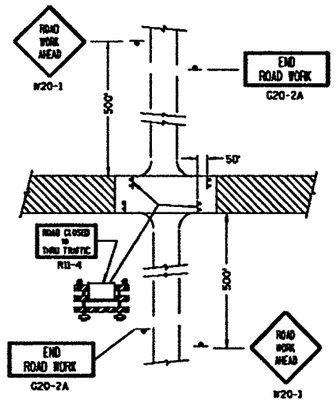
FHWA



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND THEIR LOCATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN MANUAL OF TRAFFIC CONTROL DEVICES, THE PLANS, SPECIFICATIONS AND CONTRACT.

SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ALL "STOP" OR OTHER REGULATORY SIGNS ON THE SIDE ROADS SHALL NOT BE DISTURBED, EXCEPT WHEN NECESSARY TO COMPLETE THE WORK. THE SIGNS MUST THEN BE IMMEDIATELY REESTABLISHED.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL FOR FULL ROAD CLOSURES. TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE ROAD CLOSED SIGN (R11-2), ROAD CLOSED ____ MILES AHEAD SIGN (R11-3) AND THE ROAD CLOSED TO THRU TRAFFIC SIGN (R11-4) SHALL BE ATTACHED ONLY TO THE TOP RAIL OF THE TYPE III BARRICADE. THE SIGNS SHALL NOT COVER MIDDLE RAIL.

TYPE "H" REFLECTIVE SHEETING SHALL BE USED ON ALL BARRICADES, TYPE I, II AND III, AND ON ALL R11-2, R11-3 AND R11-4 SIGNS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2, "ROAD CLOSED" SIGNS SHALL BE 48" X 30".
- R11-3, AND R11-4 SIGNS SHALL BE 60" X 30".
- G20-2A SIGNS SHALL BE 48" X 24".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND AT LEAST ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN.

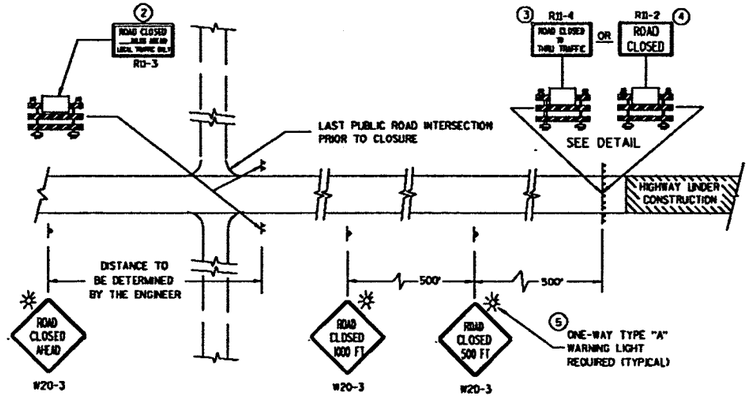
(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT. SEE LANE CLOSURE BARRICADE DETAIL

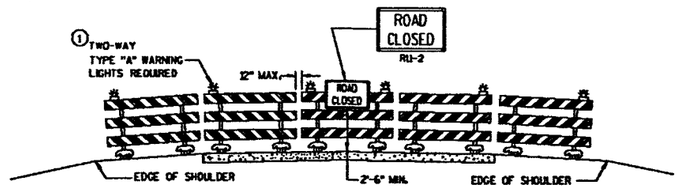
(4) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT. SEE ROAD CLOSURE BARRICADE DETAIL.

(5) ONE-WAY LIGHTS SHALL BE PROVIDED ON ALL ADVANCE WARNING SIGNS. THE UNIT SHALL BE POSITIONED SUCH THAT THE LIGHT SOURCE IS OUTSIDE THE SIGN FACE AND AT THE TOP OF THE SIGN.

SIDEROAD CLOSURES

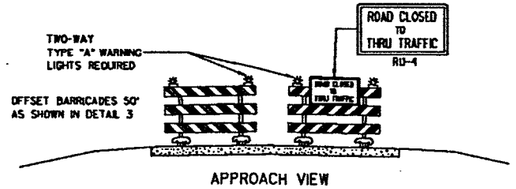


MAINLINE CLOSURE



APPROACH VIEW

ROAD CLOSURE BARRICADE DETAIL



APPROACH VIEW

LANE CLOSURE BARRICADE DETAIL

LEGEND

- POST MOUNTED WARNING SIGN
- TYPE III BARRICADES WITH TYPE "H" REFLECTIVE SHEETING
- TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT (FOR NIGHT USE)
- WORK AREA

BARRICADES AND SIGNS FOR ROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

DATE — DIRECTOR, OFFICE OF TRAFFIC

FHWA

S.D.D. 15 C 2-3

REVISION DATES: 6-10-96

PLOT NAME:

PLOT SCALE:

APPROVED — DATE — STATE DESIGN ENGINEER FOR HWYS

APPROVED — DATE — STATE CONST. ENGINEER FOR HWYS

FILE NAME:

ORIGINATOR:

S.D.D. 15 C 2-3

TWO-LANE ROADWAY

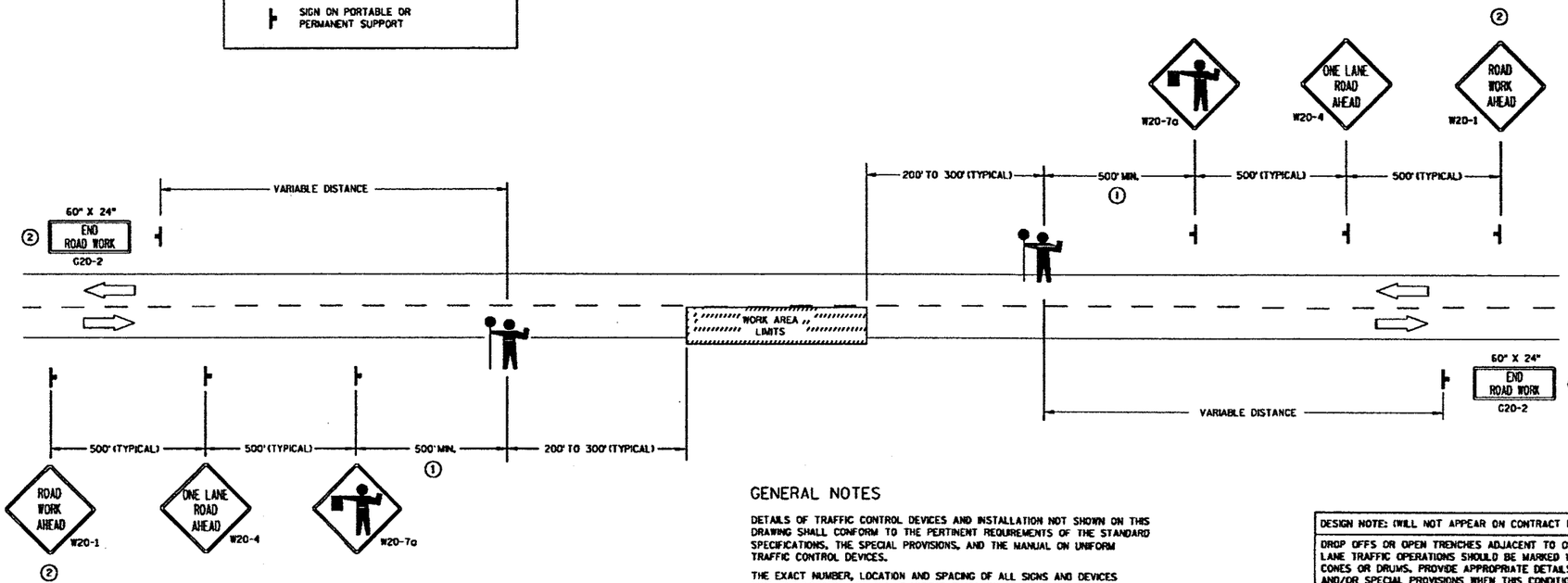
SYMBOLS

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN ON PORTABLE OR PERMANENT SUPPORT

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS DIRECTED BY THE ENGINEER.

② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

DESIGN NOTE: (WILL NOT APPEAR ON CONTRACT PLANS)

DROP OFFS OR OPEN TRENCHES ADJACENT TO ONE LANE TRAFFIC OPERATIONS SHOULD BE MARKED WITH CONES OR DRUMS. PROVIDE APPROPRIATE DETAILS AND/OR SPECIAL PROVISIONS WHEN THIS CONDITION IS EXPECTED.

THIS DETAIL IS APPROPRIATE FOR RURAL HIGH SPEED CONDITIONS. URBAN LOWER SPEED CONDITIONS REQUIRE A CLOSER SIGN SPACING.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

DATE — STATE TRAFFIC ENGINEER FOR HWYS

FHWA

APPROVED

DATE — STATE DESIGN ENGINEER FOR HWYS

APPROVED

DATE — STATE CONST. ENGINEER FOR HWYS

S.D.D. 15 C 12-2

S.D.D. 15 C 12-2

REVISION DATE: 6-3-93
PLOT NAME:
PLOT SCALE:
FILE NAME: SIGI20R
ORIGINATOR: DENNIS HOAGLAND
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

STATE PROJECT NUMBER	SHEET NO. 8.1
EARTHWORK SUMMARY CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO

STATION	CUT AREA (SF)	CUT VOL (CY)	FILL AREA (SF)	FILL VOL (CY)
2000.00p				
2017.00p				
2050.00	0	0	0	0
2100.00	67	62	0	0
2200.00	111	328	0	0
2246.00	63	148	0	0
2300.00	116	179	0	0
2400.00	67	338	2	3
2500.00	0	123	302	563
2600.00	0	0	397	1294
2700.00	0	0	331	1347
2800.00	0	0	263	1099
2900.00	13	24	65	607
3000.00	605	1145	0	120
3100.00	580	2195	0	0
3200.00	16	1105	0	0
3300.00	0	29	61	112
3400.00	0	0	58	218
3500.00	0	0	216	507
3600.00	6	11	22	439
3700.00	148	285	0	40
3800.00	226	693	0	0
3838.00	86	220	0	0
3900.00	0	99	179	205
4000.00	0	0	329	940
4100.00	29	53	288	1142
4200.00	0	53	146	803
4300.00	12	22	54	369
4400.00	0	22	88	263
4500.00	303	561	0	163
4600.00	263	1048	0	0
4700.00	405	1237	0	0
4800.00	249	1211	0	0
4900.00	0	461	130	240
4952.00	0	0	54	177

STATION	CUT AREA (SF)	CUT VOL (CY)	FILL AREA (SF)	FILL VOL (CY)
5000.00	41	36	44	87
5100.00	120	299	0	82
5117.00	64	58	0	0
5200.00	108	265	0	0
5300.00	127	435	1	2
5400.00	0	235	280	520
5500.00	0	0	658	1738
5566.00	0	0	92	917
5600.00	0	0	214	193
5700.00	144	267	0	396
5743.00	98	193	0	0
5800.00	277	396	0	0
5900.00	364	1188	0	0
6000.00	172	992	0	0
6100.00	59	428	0	0
6200.00	0	110	94	175
6300.00	0	0	169	488
6339.00	0	0	87	185
6400.00	6	7	7	106
6500.00	227	433	0	13
6600.00	355	1079	0	0
6700.00	219	1064	0	0
6800.00	152	687	0	0
6900.00	15	308	12	21
7000.00	0	27	43	101
7100.00	3	6	2	83
7174.50p		------		-----
TOTALS		20165		15758
ROUNDED TOTAL		20200		

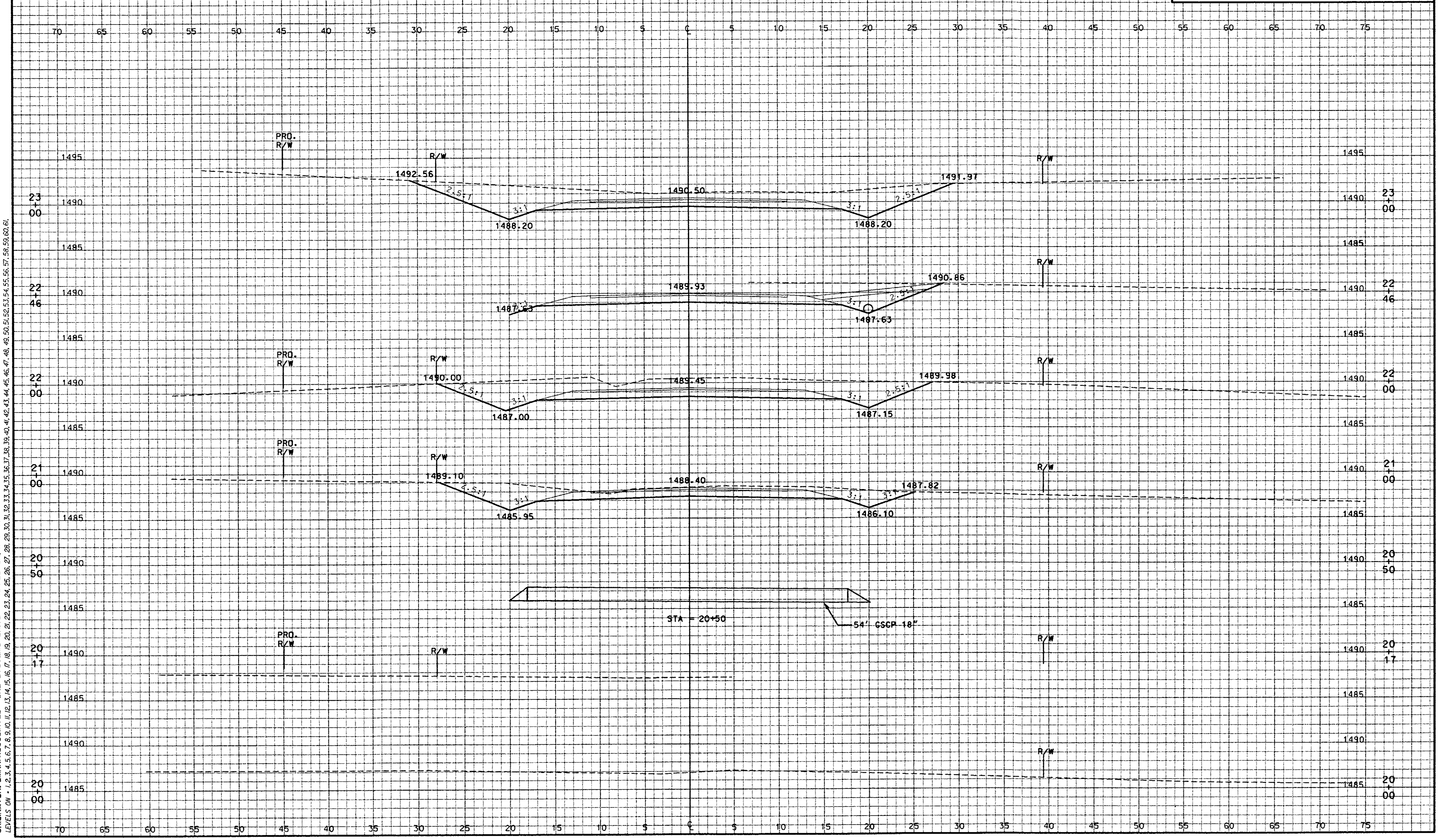
STATION	EBS AREA (SF)	EBS VOL (CY)
25+00	0	0
25+50	70	65
26+00	75	135
27+00	75	278
28+00	70	268
28+50	70	129
29+00	0	65
TOTAL		940

Dump Site Fee
4400 CY.

PLOT SCALE: 1:1
PLOT DATE: 06/13/00
REV. DATE: / /97
FILE NAME: E1342A9B/SHEETS /PLAN /E1342NOV.20G TECH/ENGR: SSO/PTR
ORIGINATOR: GANN ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914
LEVELS ON = 1,2,3,4,

STATE PROJECT NUMBER | SHEET NO. 9.1

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

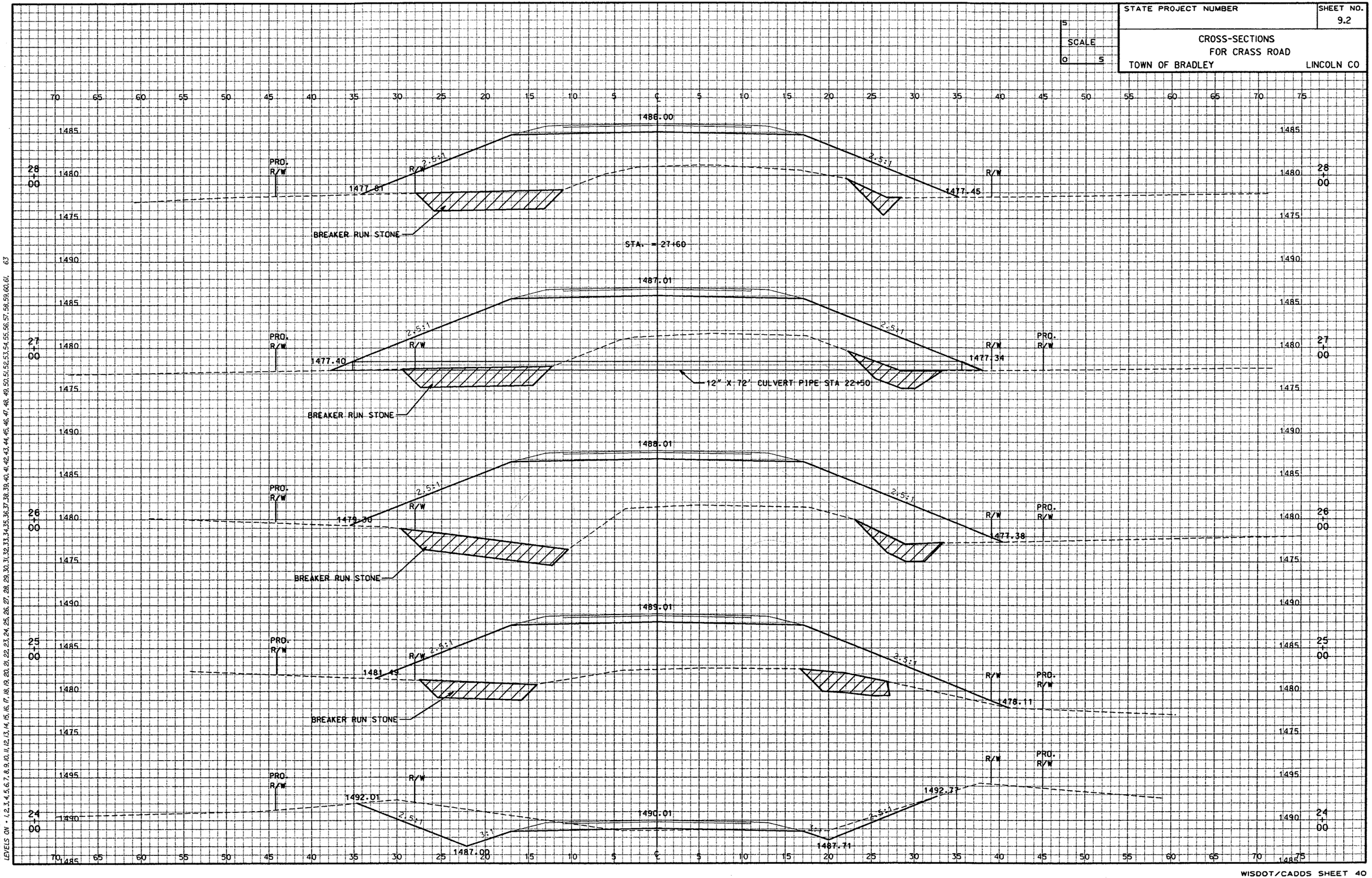


FILE NAME: E1342A98/SHEETS /XSEC1 / XSEC1.DGN TECH/ENGR: SSO/PTR PLOT DATE: 54/15/02 PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 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,

STATE PROJECT NUMBER	SHEET NO. 9.2

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE 0 5

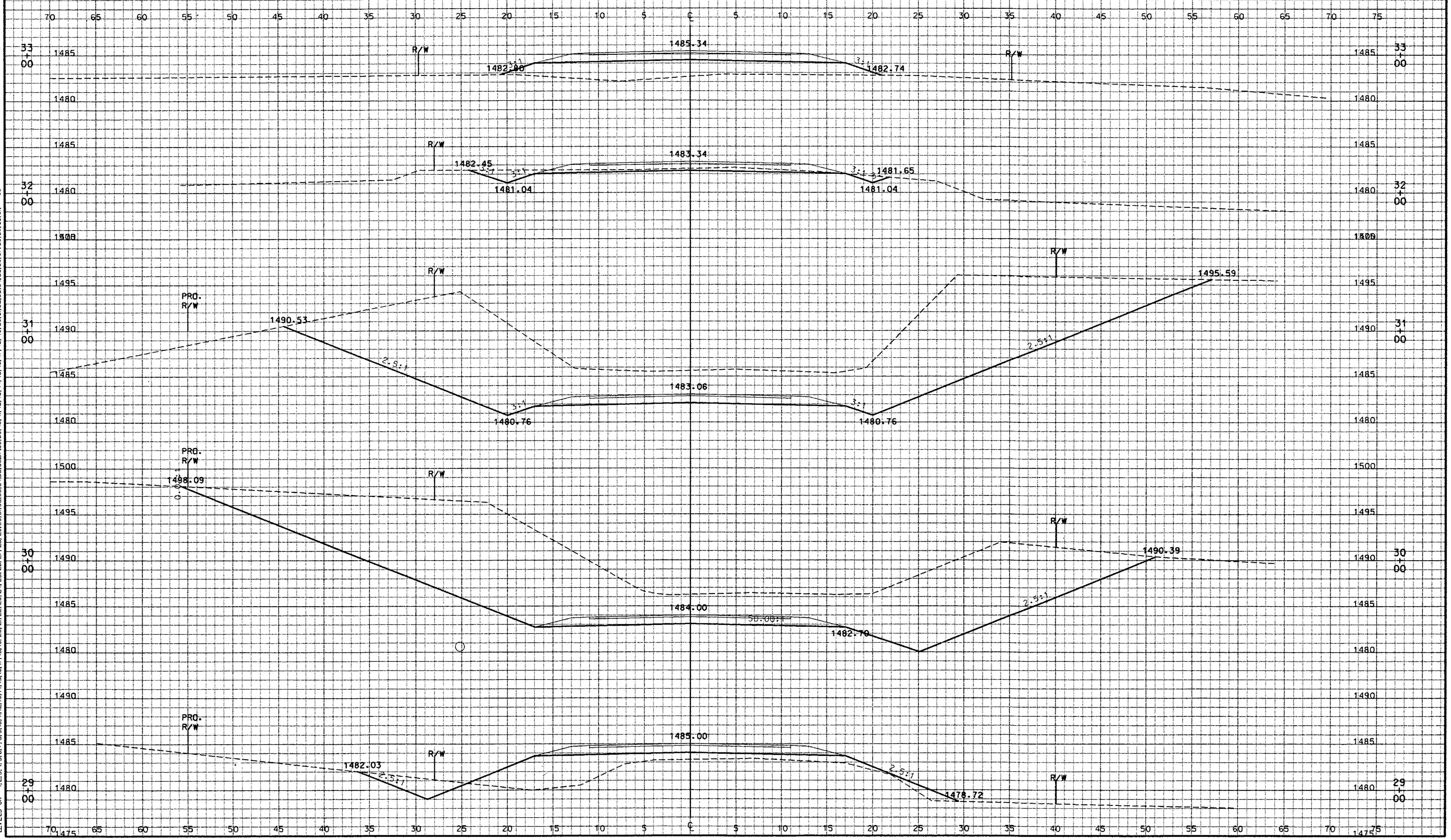


FILE NAME: E1342198/SHEETS /XSSEC / XSEC2.DGN TECH/ENGR: SSO/PTR PLOT DATE: 02/15/02
ORIGINATOR: DIMENSIONS ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63 PLOT SCALE: 1:1

STATE PROJECT NUMBER	SHEET NO. 9.3

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

FILE NAME: E1342498/SHEETS /XSEC / XSEC3.DGN TECH/ENGR: SSO/PTR PLOT DATE: 06/13/00 PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00



STATE PROJECT NUMBER	SHEET NO. 9.4

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE 0 5

38+00: R/W 1509.01; 2.5:1; 3:1; 1503.19; 1505.48; 3:1; 1503.19; 2.5:1; R/W 1508.30

37+00: R/W 1505.19; 2.5:1; 3:1; 1500.82; 1503.12; 3:1; 1500.82; 2.5:1; 1503.84; R/W

36+00: PRO. R/W; R/W; 1497.51; 3:1; 1496.70; 1499.00; 3:1; 1495.80; R/W

35+00: PRO. R/W; R/W; 2.5:1; 1484.56; 1494.00; 2.5:1; 1488.66; R/W

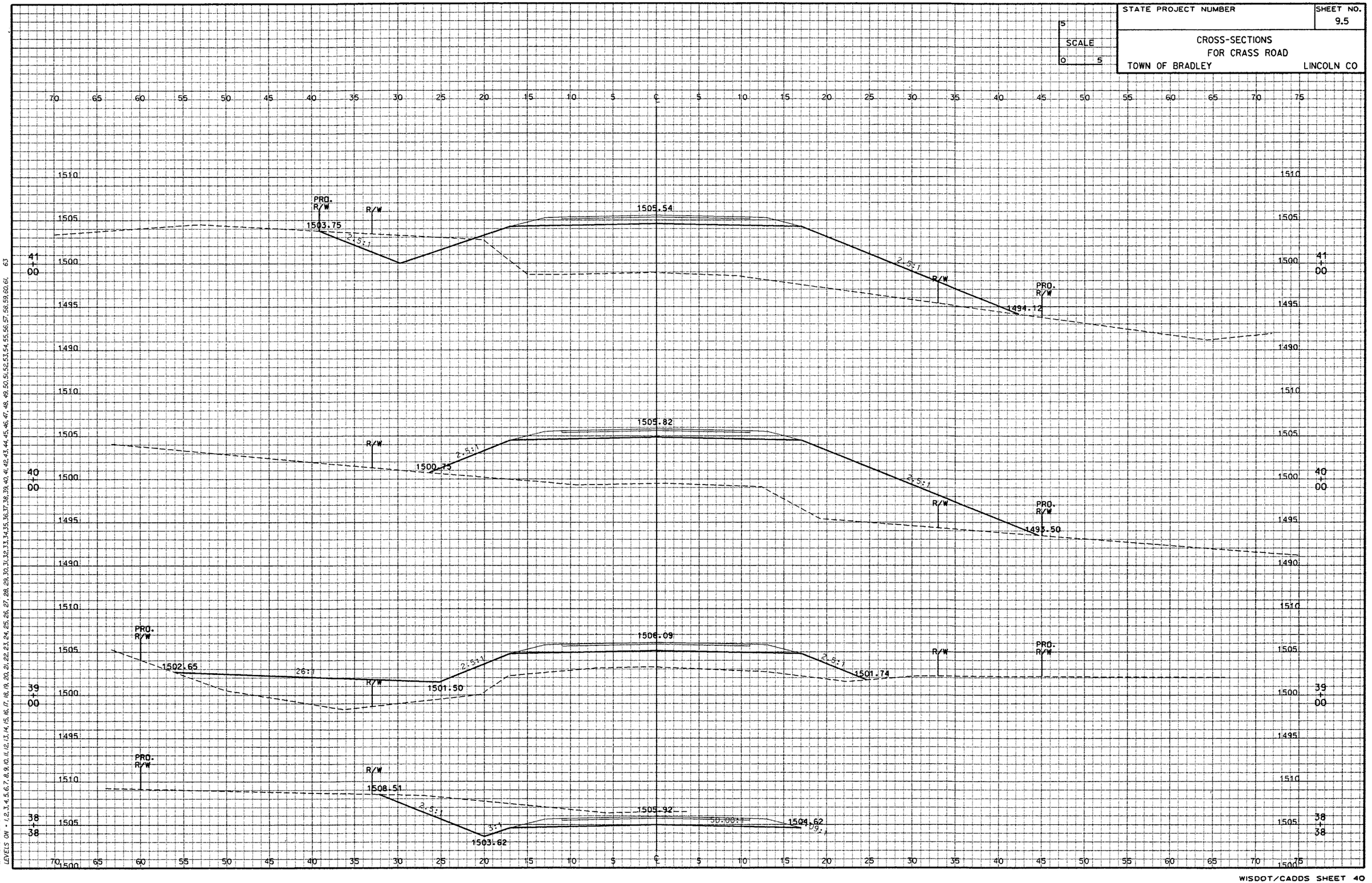
34+00: PRO. R/W; R/W; 1486.34; 3:1; 1489.05; 3:1; 1486.69; R/W

FILE NAME: E1342A98/SHEETS /XSEC / XSEC4.DGN TECH/ENGR: SSQ/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /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,
PLOT SCALE: 1:1 50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER	SHEET NO. 9.5

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE 0 5

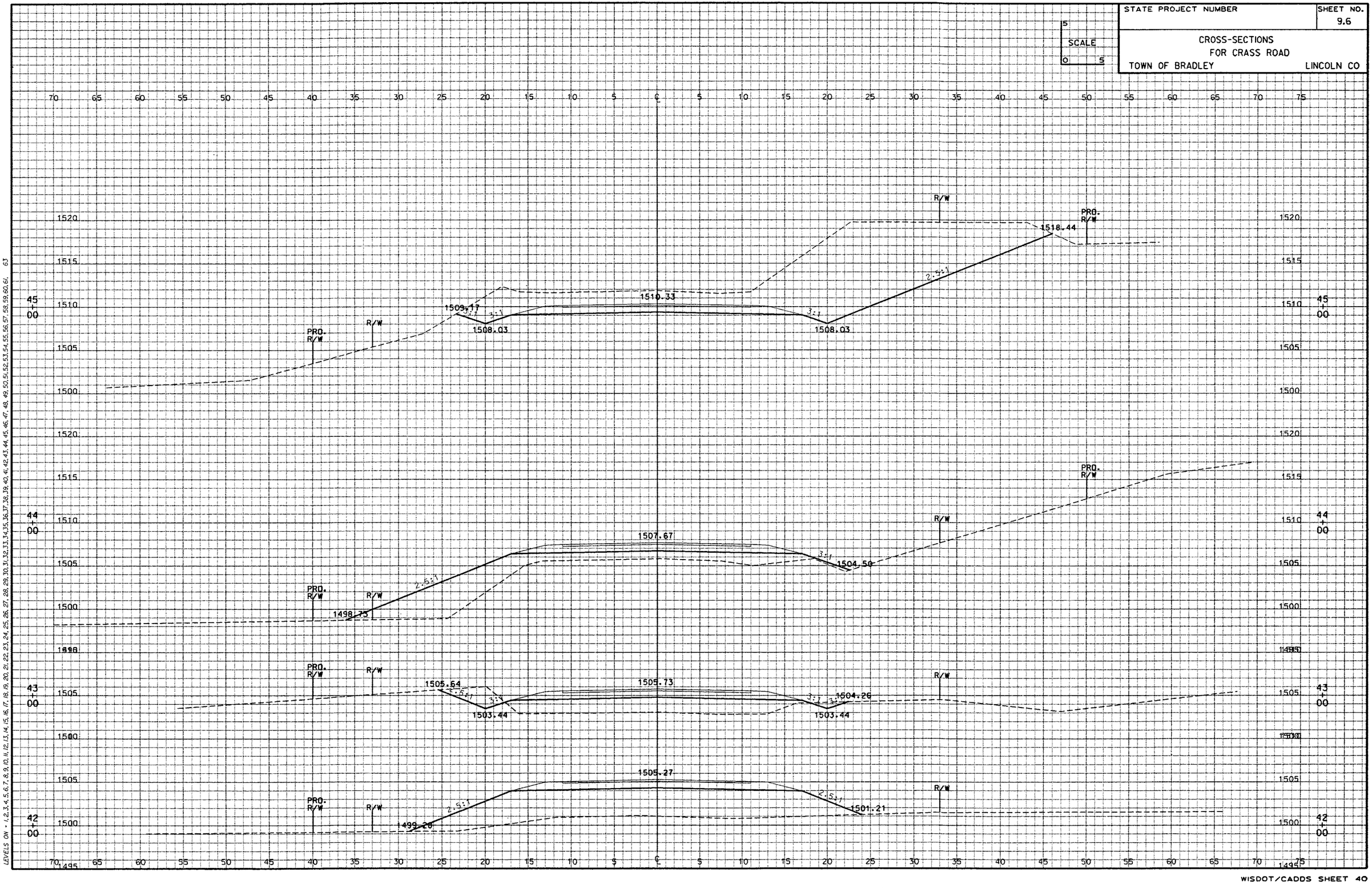


FILE NAME: E1342A98/SHEETS /XSEC / XSEC5.DGN TECH/ENGR: SSQ/PTR PLOT DATE: 06/13/00 PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER	SHEET NO.
	9.6

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE 0 5

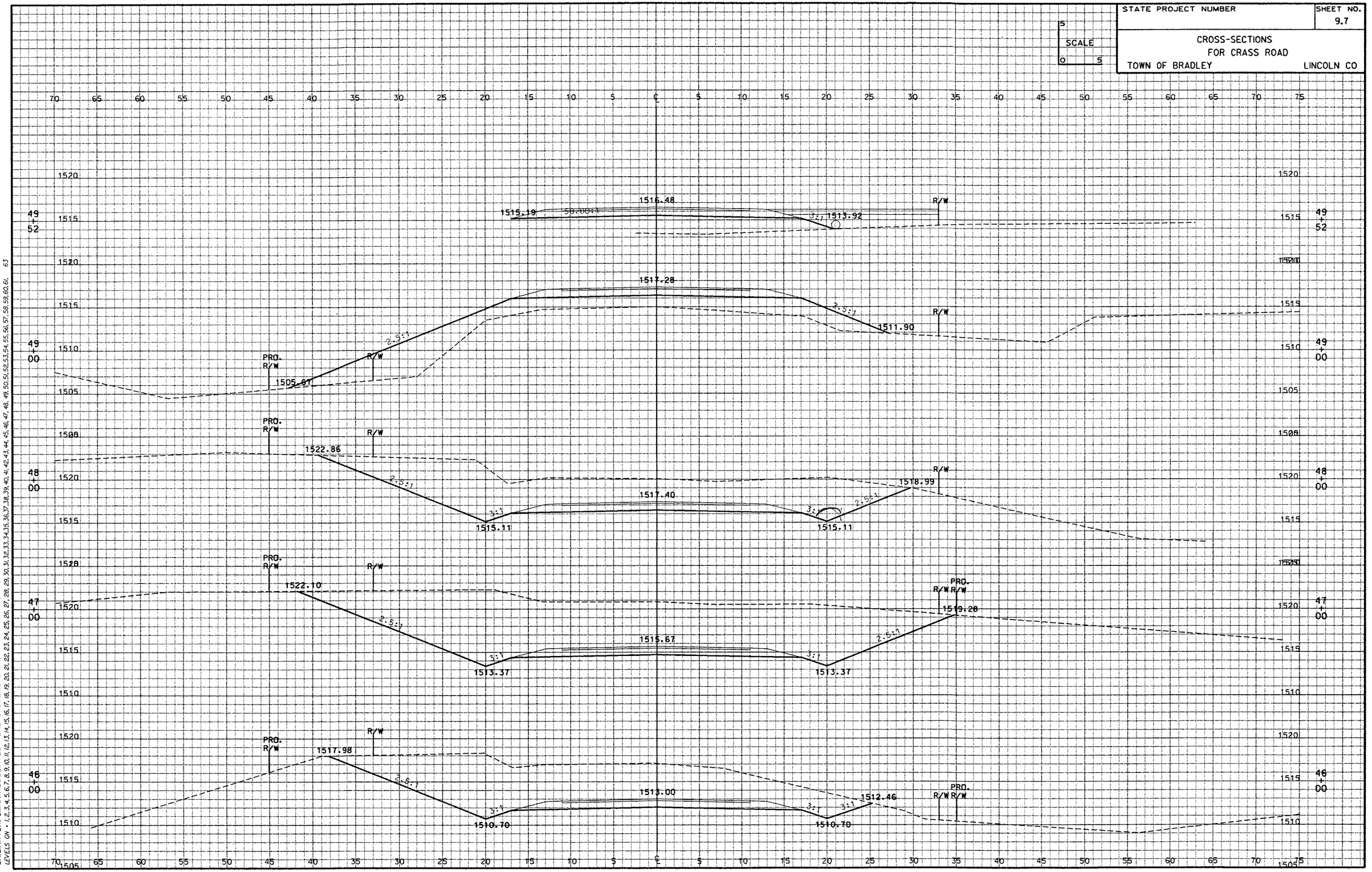


FILE NAME: E1342A98/SHEETS /XSEC / XSEC6.DGN TECH/ENGR: SSQ/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63 PLOT SCALE: 1:1

STATE PROJECT NUMBER	SHEET NO. 9.7

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY — LINCOLN CO

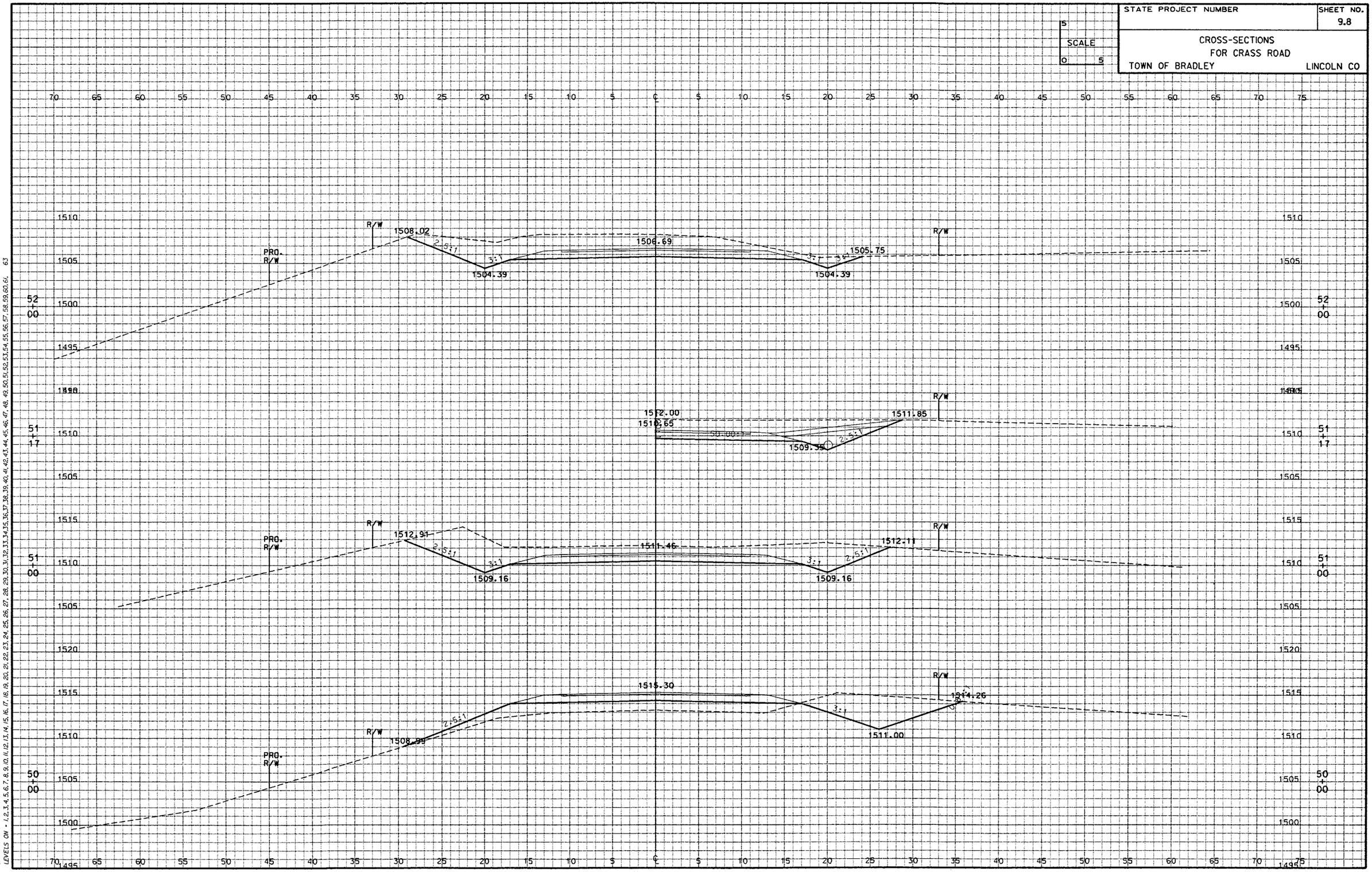
SCALE 0 5



FILE NAME: E1342A98/SHEETS /XSEC / XSEC7.DGN TECH/ENGR: SSQ/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00 PLOT SCALE: 1:1
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER	SHEET NO. 9.8
CROSS-SECTIONS FOR CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO

SCALE 0 5



FILE NAME: E1342A98/SHEETS /XSEC / XSEC8.DGN TECH/ENGR: SSO/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63 PLOT SCALE: 1:1

STATE PROJECT NUMBER	SHEET NO. 9.9

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE 0 5

55 + 66
PRO. R/W
R/W
1484.81
1490.31
1489.35
2.5:1

55 + 00
PRO. R/W
R/W
1479.32
1492.58
2.5:1
2.5:1
R/W
PRO. R/W
1475.20

54 + 00
PRO. R/W
R/W
1488.51
1497.15
2.5:1
2.5:1
R/W
PRO. R/W
1486.53

53 + 00
PRO. R/W
R/W
1506.84
2.5:1
3:1
1499.63
1501.92
3:1
2.5:1
R/W
PRO. R/W
1505.83
1499.63

FILE NAME: E1342A98/SHEETS /XSEC / XSEC9.DGN TECH/ENGR: SSO/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63 PLOT SCALE: 1:1

STATE PROJECT NUMBER	SHEET NO. 9.10
CROSS-SECTIONS FOR CRASS ROAD	
TOWN OF BRADLEY	LINCOLN CO

SCALE 0 5

58+00
PRO. R/W 1493.23
R/W
2.5:1
3:1
1484.00
1486.06
3:1
2.5:1
R/W 1487.89

57+43
PRO. R/W
R/W 1489.92
2.5:1
3:1
1484.66
1489.04
1486.96

57+00
PRO. R/W 1493.70
R/W
2.5:1
3:1
1486.00
1487.64
3:1
2.5:1
1485.34
R/W 1488.21

56+00
PRO. R/W
R/W
3:1
1486.61
1489.41
2.5:1
R/W
1478.08
PRO. R/W

PLOT SCALE: 1:1
FILE NAME: E1342A98/SHEETS /XSEC / XSEC10.DGN TECH/ENGR: SSO/PTR PLOT DATE: 06/13/00
ORIGINATOR: OMNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER	SHEET NO. 9.11

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE 0 5

63+39
R/W 1472.21 2.5:1 1477.87 2.5:1 1473.65 R/W
63+00
R/W 1470.26 2.5:1 1478.23 2.5:1 1470.54 R/W
18' X 62' CULVERT PIPE
62+00
R/W 1477.05 3:1 1479.76 2.5:1 1475.36 R/W
61+00
R/W 1481.77 2.5:1 3:1 1479.04 1481.34 3:1 3:1 1479.04 1481.00 R/W
60+00
R/W 1485.25 2.5:1 3:1 1480.61 1482.91 3:1 3:1 1480.61 1484.24 2.5:1 R/W
59+00
PRO. R/W 1493.28 R/W 2.5:1 3:1 1483.00 1484.49 3:1 3:1 1482.19 1487.68 2.5:1 R/W

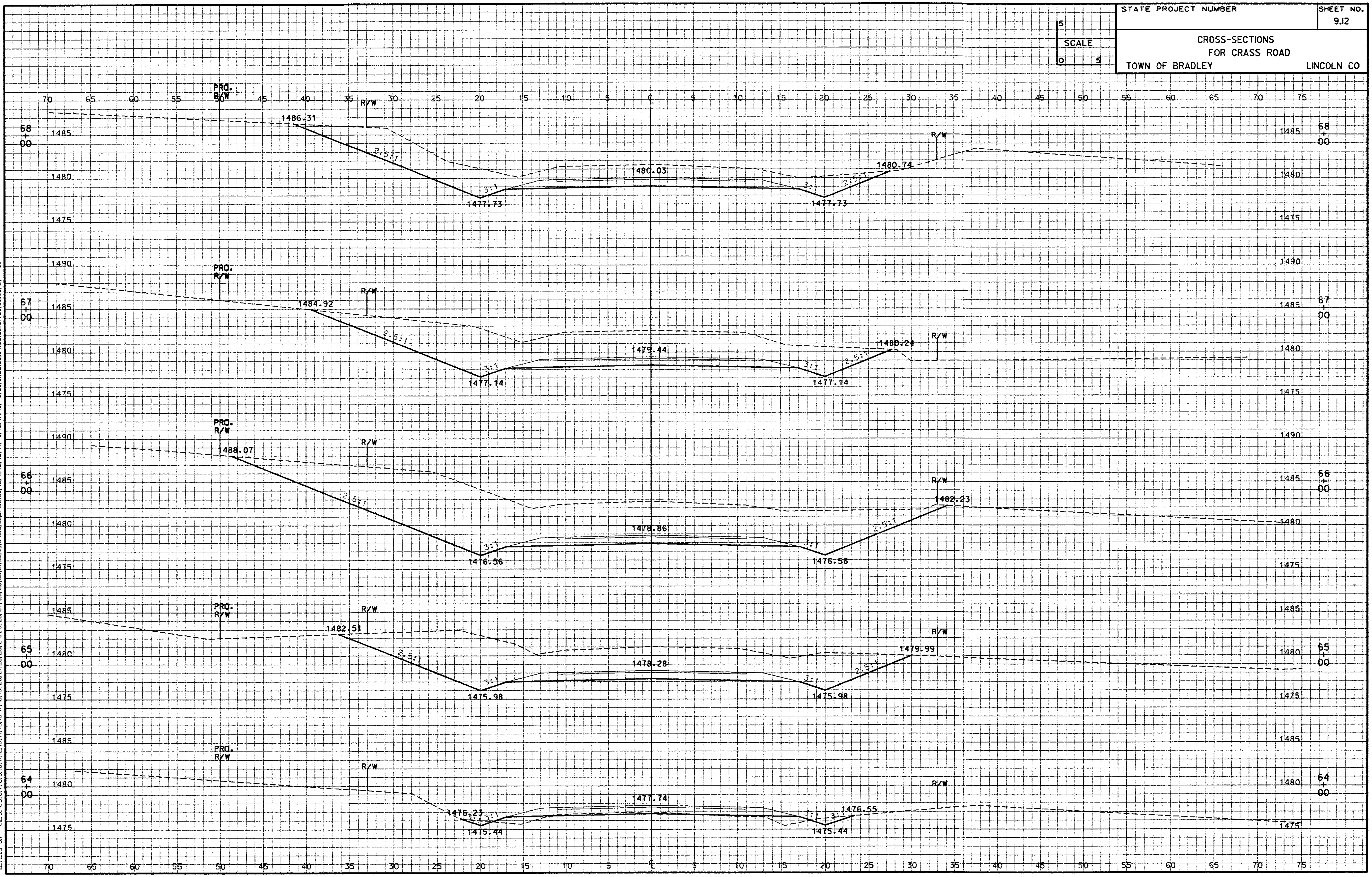
PLOT SCALE: 1:1
PLOT DATE: 10/15/02
REV. DATE: / /00
FILE NAME: E134249/SHEETS /XSEC / XSECLDON TECH/ENGR: SSO/PTR
ORIGINATOR: GHNN ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER	SHEET NO. 9.12

CROSS-SECTIONS
FOR CRASS ROAD

TOWN OF BRADLEY — LINCOLN CO

SCALE 0 5

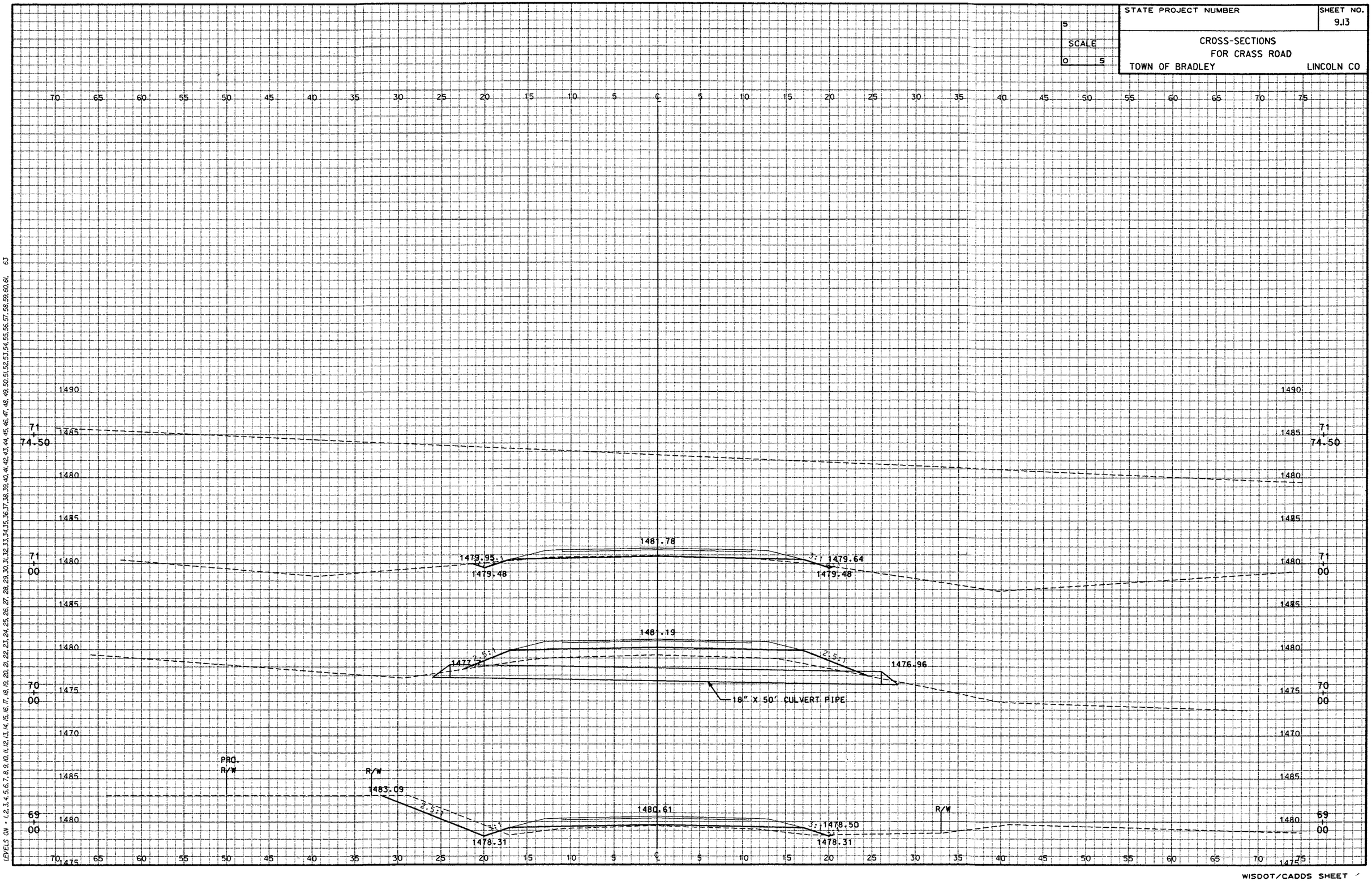


FILE NAME: E1342A98/SHEETS /XSEC / XSEC12.DGN TECH/ENGR: SSQ/PTR PLOT DATE: 06/13/00 PLOT SCALE: 1:1
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 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, 63

STATE PROJECT NUMBER	SHEET NO. 9.13

CROSS-SECTIONS
FOR CRASS ROAD
TOWN OF BRADLEY LINCOLN CO

SCALE
0 5



FILE NAME: E1342A98/SHEETS /XSEC / XSEC13.DGN TECH/ENGR: SSO/PTR PLOT DATE: 18/15/02
ORIGINATOR: OMNNI ASSOCIATES ONE SYSTEMS DRIVE APPLETON, WI 54914 REV. DATE: / /00
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63 PLOT SCALE: 1:1