STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

VERONA BYPASS

(C.T.H. G INTERCHANGE)

U.S.H. 18

DANE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1201-04-74	———	—

INDEX OF SHEETS

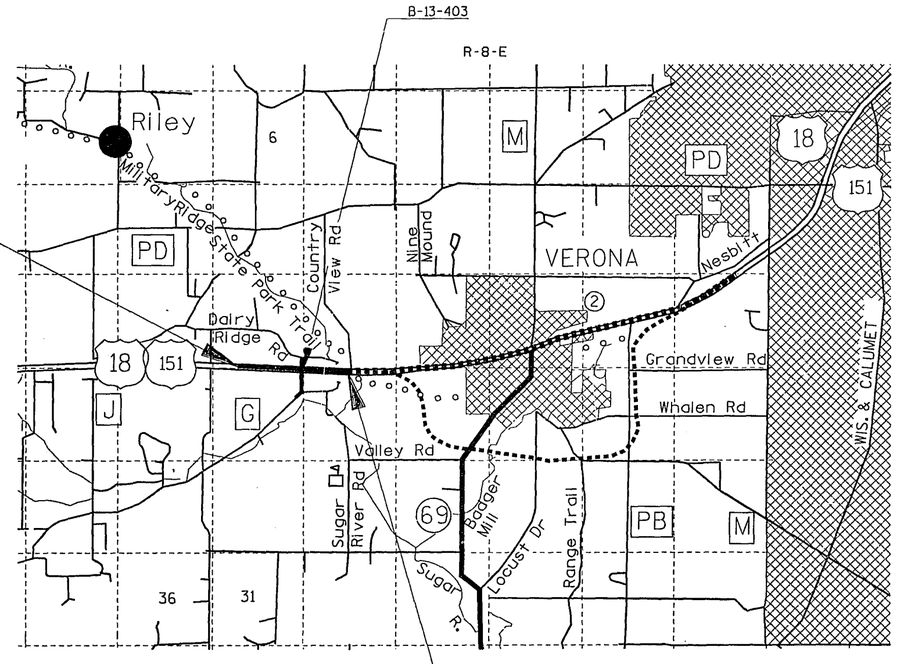
Sheet No. 1 Title
Sheet No. 2 - 2.51 Typical Sections and Details
Sheet No. 3 - 3.2 Estimate of Quantities
Sheet No. 3A - 3F Miscellaneous Quantities
Sheet No. 4 - 4.5 Right of Way Plat
Sheet No. 5 - 5.10 Plan and Profile
Sheet No. 6 - 6.41 Standard Detail Drawings
Sheet No. 7 - 7.27 Sign Plates
Sheet No. 8 - 8.10 Structure Plans
Sheet No. 9 - 9.1 Computer Earthwork Data
Sheet No. 9.2 - 9.78 Cross Sections

TOTAL SHEETS = 249



STATE PROJECT NUMBER

1201-04-74



BEGIN PROJECT 1201-04-74
STA.436+00.00
X= 2,109,033.77
Y= 360,237.22

END PROJECT 1201-04-74
STA. 487+50.00

N

DESIGN DESIGNATION

		(EXISTING)	(BYPASS)
A.D.T.	1993	9,700	9,700
A.D.T.	2012	13,300	13,300
D.H.V.	2012	1,330	1,330
D.		60-40	60-40
T. (DHV)		4.9%	4.9%
DESIGN SPEED		65 MPH	65 MPH
ESALS		----	1,058,500 (CTH G)

CONVENTIONAL SIGNS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED 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)
CULVERT IN PLACE (Profile)

COMBUSTIBLE FLUIDS (UNDER PRESSURE) — CAUTION
UNDERGROUND UTILITIES
GAS — G
ELECTRIC — E
TELEPHONE — T
SERVICE PEDESTAL
CABLE MARKER — P
POWER POLE
TELEPHONE POLE
RAILROADS
MARSH
WOODED AREA

LAYOUT
SCALE 0 0.8 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.975 MI. RURAL

ALL COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE GRID SYSTEM SOUTH ZONE.
GRID CONVERSION FACTOR = 0.99991

ORIGINAL PLANS PREPARED BY
CH2M HILL
MILWAUKEE, WISCONSIN

JEFFREY A. ROEMER — 5331 — MILWAUKEE, WI — PROFESSIONAL ENGINEER — WISCONSIN

12-3-92 (Date) Jeffrey A. Roemer (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	TLG
Designer	JAR
District Examiner	RGL/DAY
District Supervisor	DJP
Proj. Dev. Engineer	TFD
C.O. Examiner	JEG

APPROVED FOR DISTRICT OFFICE
DATE: 12-8-92 Kevin Chesnik (Signature)

AUTHORIZED FOR CENTRAL OFFICE TRAFFIC
DATE: 12-15-92 Chester T. Spang (Signature)

AUTHORIZED FOR CENTRAL OFFICE DESIGN
DATE: 12/17/92 Harold E. Amundson (Signature)

1201-04-74 DANE

MARCH 3 FULL 50's

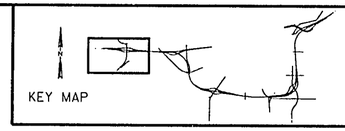
PLOT NAME: TITLE PLOT SCALE: 1"=20'

REV. DATE: 11-30-92

ORIGINATOR: J.A.PIERONI

FILE NAME: TITLE.DGN

WISDOT/CADDS SHEET 11



STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.0

GENERAL NOTES

USH 18 — DANE COUNTY

GENERAL NOTES

1. NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
2. SHRINKAGE VARIABLE, COMMON ESTIMATED AT 25 PERCENT.
3. ROCK SWELL ESTIMATED AT 15 PERCENT.
4. EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER.
5. THE 5-INCH ASPHALTIC CONCRETE PAVEMENT SHALL CONSIST OF A 1 1/2-INCH SURFACE COURSE AND TWO BINDER COURSES.
6. JOINT TIES SHALL BE USED ON ALL CONCRETE PIPE.
7. ALL CONCRETE PIPE SHALL HAVE JOINT TIES INSTALLED ON THE LAST TWO PIPE JOINTS AND THE ENDWALL JOINT AT BOTH THE INLET AND DISCHARGE ENDS.
8. PRIOR TO PLACEMENT OF STEEL PLATE BEAM GUARD, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED.
9. THE 3 1/2-INCH ASPHALTIC CONCRETE SHALL CONSIST OF A BINDER COURSE AND A 1 1/2-INCH SURFACE COURSE.
10. EXPANSION JOINTS TO BE CONSTRUCTED AT ALL RADIUS POINTS IN CURB AND GUTTER.
11. CONTRACTION JOINT SPACING SHALL HAVE A MAXIMUM SPACING OF 50 FEET EXCEPT AS OTHERWISE NOTED ON PLANS.
12. 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.
13. THE EXISTING DRIVEWAYS AND FIELD ENTRANCES WILL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.
14. THE LOW SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS SUPERELEVATION WHEN SUPERELEVATION IS GREATER THAN 0.04 FT./FT. IF SUPERELEVATION IS LESS THAN OR EQUAL TO 0.04 FT./FT., THEN LOW SIDE SHOULDER SLOPE IS 0.04 FT./FT. HIGH SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS SUPERELEVATION.
15. EXISTING SHOULDER AGGREGATE SHALL BE INCORPORATED INTO THE NEW SHOULDERS UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN THE FIELD.
16. DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.
17. THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
18. ALL RADII ARE MEASURED TO THE FLANGE OF CURB UNLESS OTHERWISE NOTED.
19. A SAWED JOINT WILL BE REQUIRED WHERE NEW PAVEMENT IS TO MEET THE EXISTING ASPHALTIC SURFACE.
20. ALL COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM (SOUTH ZONE). THE CONTROL SURVEY FOR THIS PROJECT WAS CONDUCTED AND MET SPECIFICATIONS FOR THIRD ORDER SURVEYS.
21. ALL OPENINGS OR HOLES BELOW SUBGRADE RESULTING FROM REMOVALS OR ABANDONMENTS, SHALL BE BACKFILLED WITH COMMON EXCAVATION MATERIALS AS DIRECTED BY THE ENGINEER.
22. AFTER PLACING CURB AND GUTTER, ANY EXCESS CONCRETE PROTRUDING BEYOND THE BACK OF CURB LINE SHALL BE REMOVED BY THE CONTRACTOR PRIOR TO BACKFILLING.
23. ALL CONCRETE CURB AND GUTTER IS LOW SIDE UNLESS OTHERWISE INDICATED ON THE PLAN.
24. SILT FENCE REQUIRED AT ALL INLETS AS PER DETAIL OR AS DIRECTED BY THE ENGINEER.
25. INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
26. GRANULAR BACKFILL FOR DRAINAGE PIPES IS INCIDENTAL TO PIPE INSTALLATIONS.

STANDARD DETAIL DRAWINGS

8A5-8b	INLET COVERS
8C1-4	INLETS, TYPES 1, 2 & 3
8C5-1	INLETS, TYPES 8, 9, 10 AND 11
8D1-11	CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES
8D3-4	CONCRETE SURFACE DRAIN, DROP INLET TYPE AT STRUCTURES
8D4-3	ASPHALTIC FLUMES
8E4-2	SOD OR MASONRY AND SOD DITCH CHECKS
8E6-7	CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH
8E7-1	EROSION MAT
8E8-1	TYPICAL INSTALLATION OF EROSION BALES
8E9-3	SILT FENCE
8F1-10a	APRON ENDWALLS FOR CULVERT PIPE
8F4-5	JOINT TIES FOR CONCRETE PIPE
8F5-1	CLASS "B" BEDDING FOR CULVERT PIPE OR STORM SEWER
8F6-2	REINFORCED CONCRETE APRON ENDWALL FOR PIPE UNDERDRAIN
9A1-8a	AT-GRADE SIDE ROAD INTERSECTIONS, TYPES "B", "C" AND "D"
12A2-3	SLOPE PAVING-STRUCTURES (CRUSHED AGGREGATE)
12A3-4	NAME PLATE - STRUCTURES
13B2-3	CONCRETE PAVEMENT APPROACH SLAB
13C1-9	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND PAVEMENT TIES
13C13-1	DOWELED NON-REINFORCED CONCRETE PAVEMENT (TRANSVERSE JOINTS SPACED AT 20' AND NORMAL)
14B3-2	CLASS "B" STEEL PLATE BEAM GUARD
14B7-8a	TEMPORARY PRECAST CONCRETE BARRIER
14B7-8b	PRECAST CONCRETE BARRIER END SECTION AND PORTABLE CRASH CUSHION
14B15-1a	CLASS "A" STEEL PLATE BEAM GUARD, INSTALLATION & ELEMENTS
14B16-1a&b	CLASS "A" STEEL PLATE BEAM GUARD END TREATMENT WITH ANCHORAGE TYPE 1 AND 2
14B18-1a	CLASS "A" STEEL PLATE BEAM GUARD (AT BRIDGES, OBSTACLES AND SIDEROADS / DRIVEWAYS)
14B18-1d	CLASS "A" STEEL PLATE BEAM GUARD, BULLNOSE INSTALLATION AT MEDIAN PIERS AND SIGN SUPPORTS
14B20-2a	STEEL THRIE BEAM STRUCTURE APPROACH
14B20-2b	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARED END AND VERTICAL FACED PARAPETS
15A2-4	DELINEATOR POST, DELINEATOR BRACKET & DELINEATOR
15B1-7a&b	WOVEN WIRE FENCE
15C2-2	BARRICADES AND TRAFFIC CONTROL FOR ROAD CLOSURES
15C6-3	TRAFFIC CONTROL DEVICES FOR TWO LANE BRIDGES
15C7-1	PAVEMENT MARKING SYMBOLS
15C8-4a	PAVEMENT MARKING (MAINLINE & INTERSECTIONS)
15C8-4b	PAVEMENT MARKING (RAMPS & GORES)
15C10-2b	RAISED PAVEMENT MARKERS (RAMPS & ARROWS)
15C10-2C	RAISED PAVEMENT MARKERS (CASTING & SAWCUT DETAILS)
16A1-5	LANKMARK REFERENCE MONUMENTS AMD COVER

UTILITIES

TELEPHONE

MOUNT VERNON TELEPHONE COMPANY
MR. JACK NORTHRUP
113 NORTH MAIN STREET
VERONA, WI 53593
PHONE: 608/845-6445

ELECTRIC

WISCONSIN POWER AND LIGHT COMPANY
MR. JIM PALZKILL
222 WEST WASHINGTON AVENUE
P.O. BOX 192
MADISON, WI 53703
PHONE: 608/252-3456

WISCONSIN POWER AND LIGHT
LOCAL CONTACT
MR. MIKE BURNS
P.O. BOX 4
OREGON, WI 53575
PHONE: 608/258-5143

DIGGERS HOTLINE

DANE COUNTY
PHONE: 800/242-8511

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISGONSIN

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

STANDARD ABBREVIATIONS

B/L	BASE LINE
C/L	CENTER LINE
T/L	TRANSIT LINE
MIN.	MINIMUM
MAX.	MAXIMUM
NORM.	NORMAL
TYP.	TYPICAL
VAR.	VARIABLE
F.E.	FIELD ENTRANCE
P.E.	PRIVATE ENTRANCE
DGBC	DENSE GRADED BASE COURSE
OGBC	OPEN GRADED BASE COURSE
SHLDR.	SHOULDER
SDD	STANDARD DETAIL DRAWINGS
S.E.	SUPERELEVATION
N.C.	NORMAL CROWN
R.C.	REVERSE CROWN
EXIST.	EXISTING
REQ.	REQUIRED

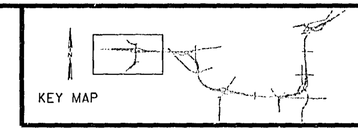
PLOT SCALE: 1"=5'
PLOT NAME: GNOTE.DGN
REV. DATE: 01-13-93
ORIGINATOR: J.A.PIERONI
59.60
5i
LEVELS ON
FILE NAME: HDGN: GNOTE.DGN

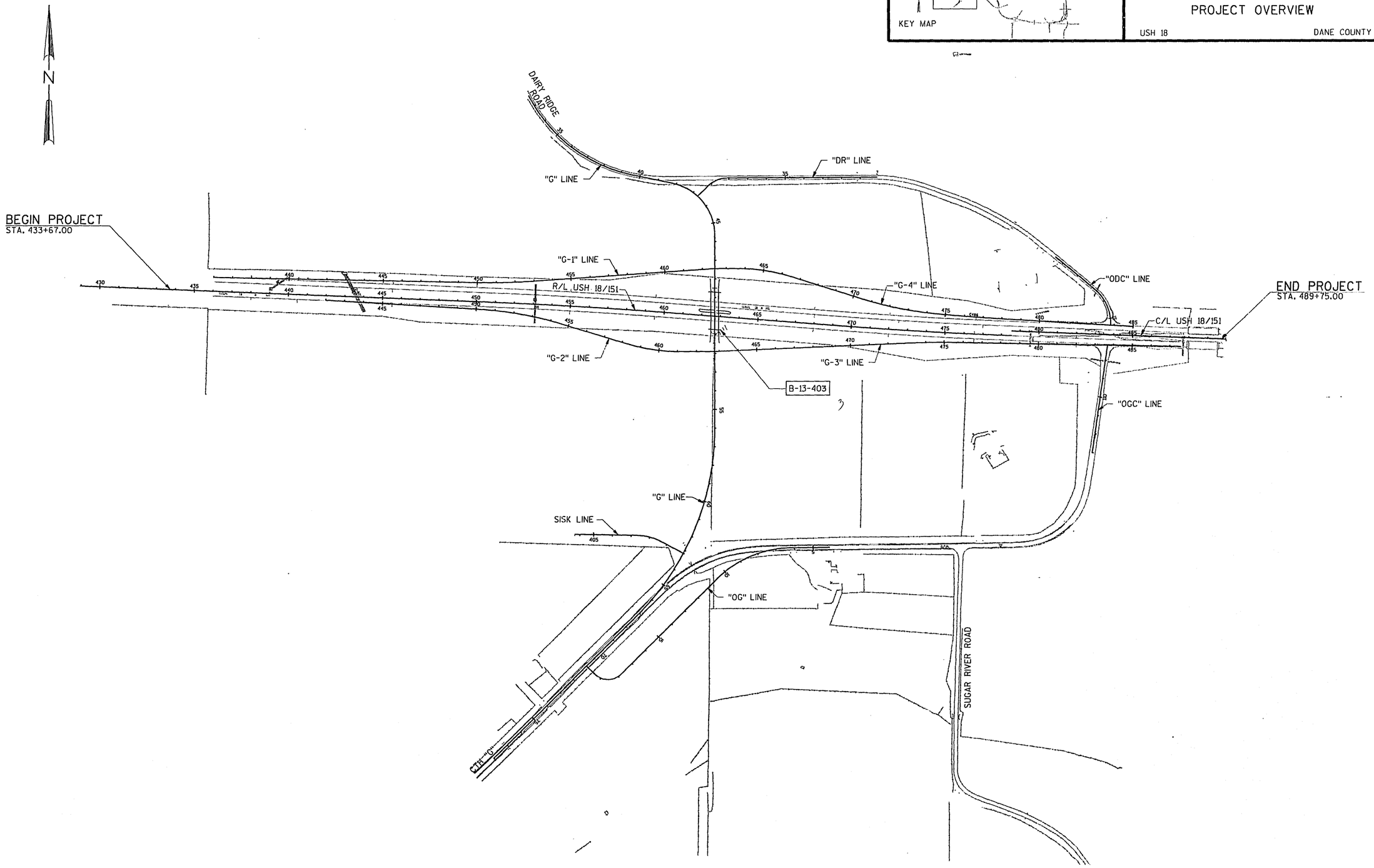
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.1

PROJECT OVERVIEW

USH 18 — DANE COUNTY

KEY MAP



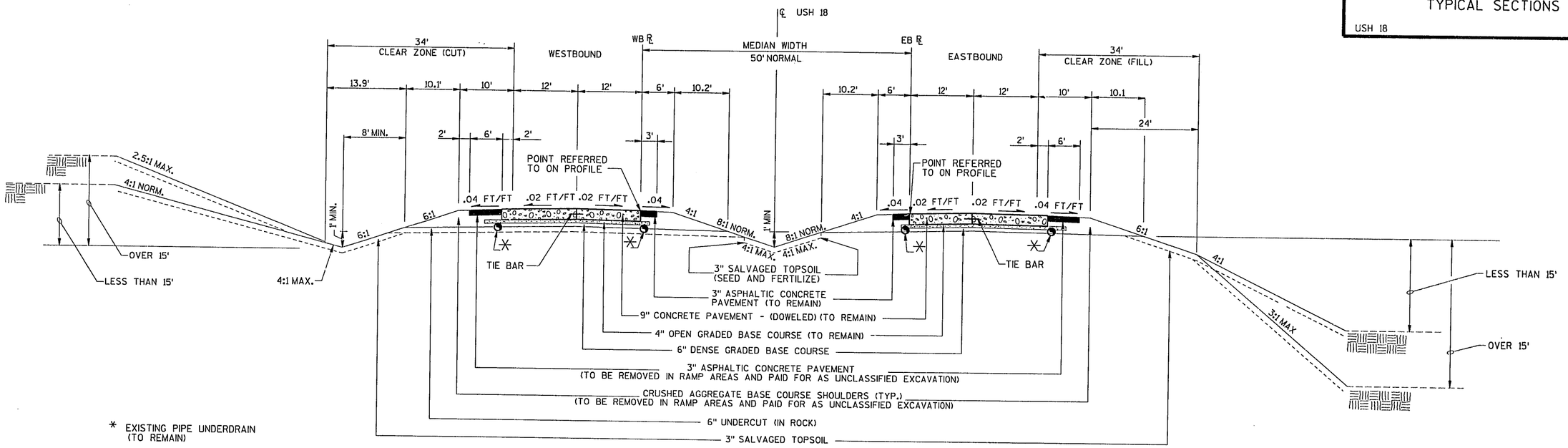


PLOT SCALE: 1"=100'
PLOT NAME: OVERVIEW.DGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN: OVERVIEW.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.2

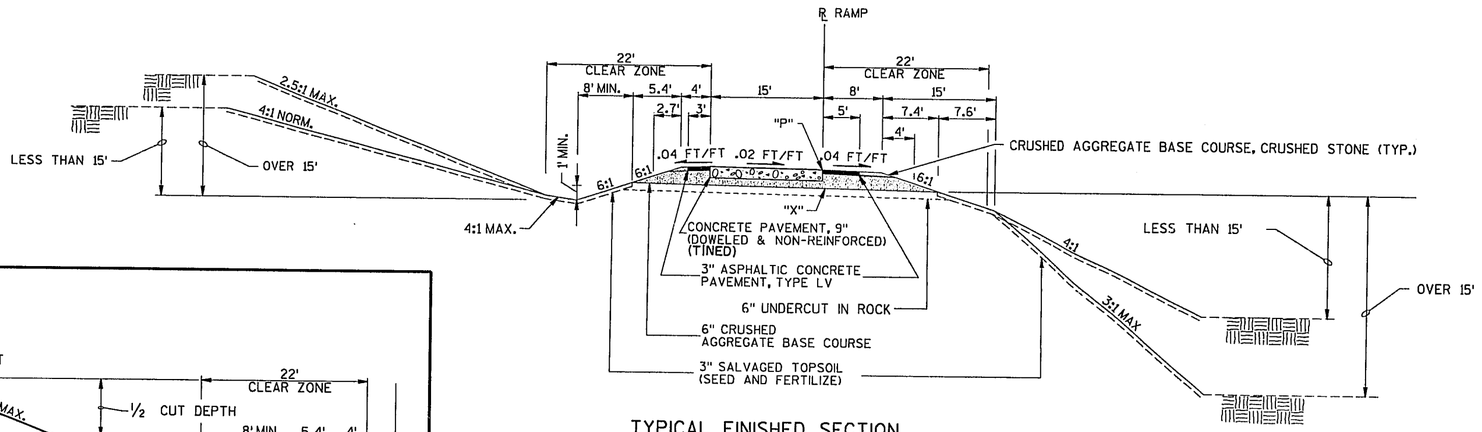
TYPICAL SECTIONS

USH 18 — DANE COUNTY



TYPICAL EXISTING SECTION
USH 18
STA. 436+00.00 TO STA 487+50.00

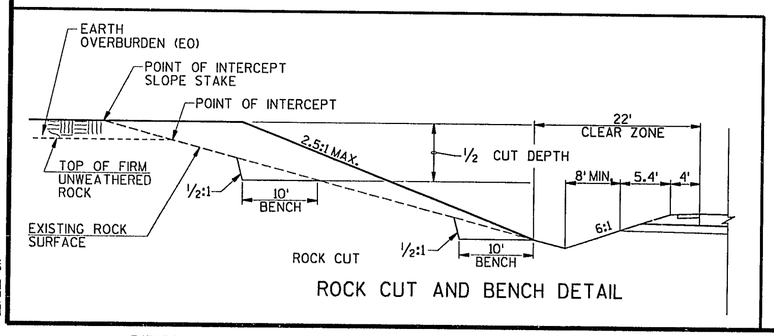
FOR INFORMATION ONLY



TYPICAL FINISHED SECTION
ONE LANE RAMP
RAMPS G-1, G-2, G-3, G-4

"P" = POINT REFERRED TO ON PROFILE

"X" = POINT REFERRED TO ON CROSS SECTION



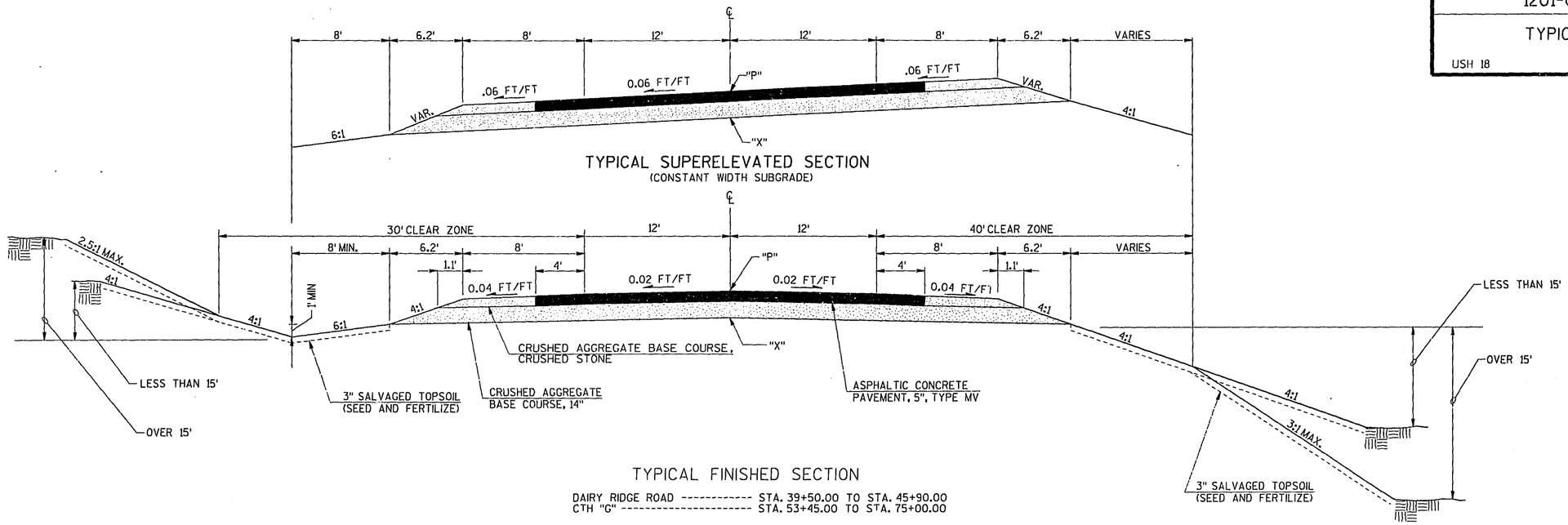
ROCK CUT AND BENCH DETAIL

PLOT SCALE: 1"=10'
PLOT NAME: 74T1.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN: 74T1.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.3

TYPICAL SECTIONS

USH 18 — DANE COUNTY



TYPICAL SUPERELEVATED SECTION
(CONSTANT WIDTH SUBGRADE)

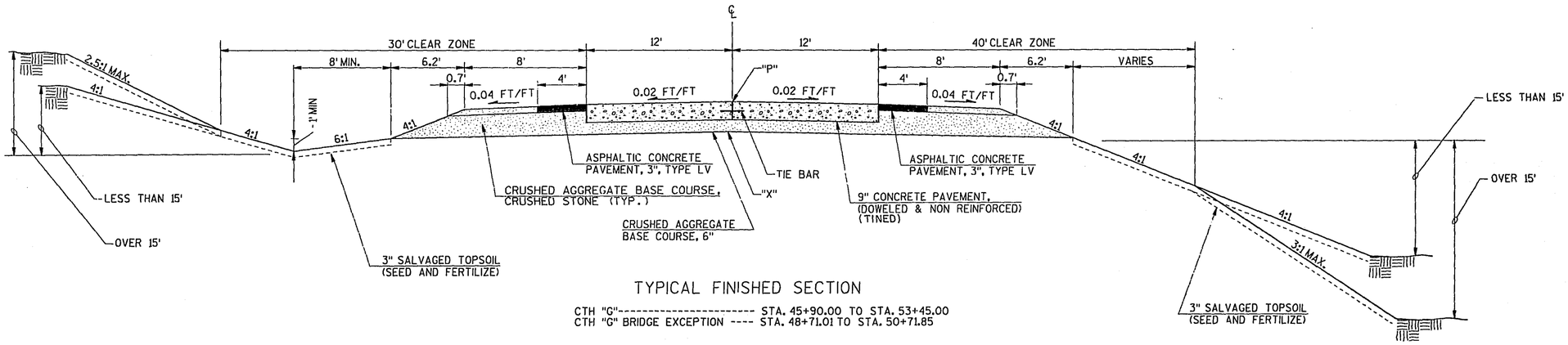
TYPICAL FINISHED SECTION

DAIRY RIDGE ROAD ---------- STA. 39+50.00 TO STA. 45+90.00
CTH "G" ---------- STA. 53+45.00 TO STA. 75+00.00

NOTES:

"P" = POINT REFERRED TO ON PROFILE

"X" = POINT REFERRED TO ON CROSS SECTION



TYPICAL FINISHED SECTION

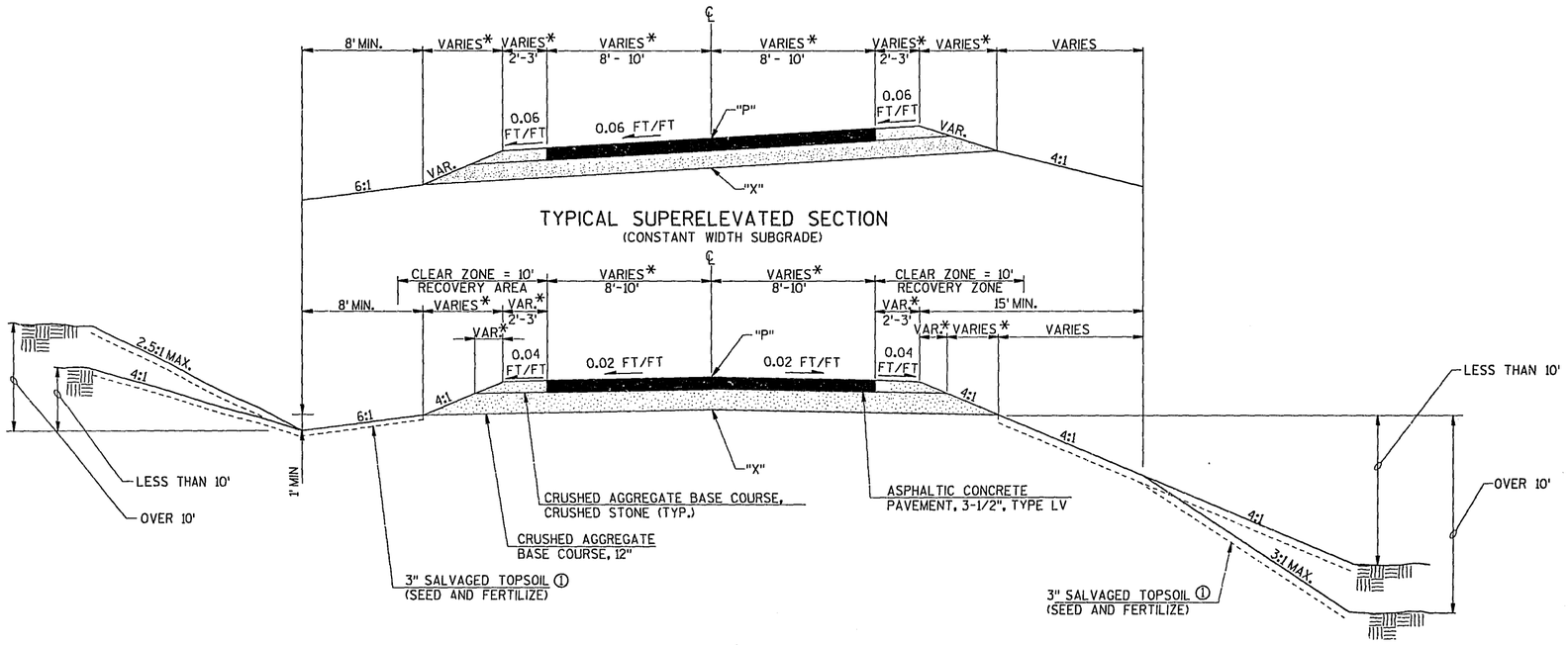
CTH "G"---------- STA. 45+90.00 TO STA. 53+45.00
CTH "G" BRIDGE EXCEPTION ---- STA. 48+71.01 TO STA. 50+71.85

PLOT NAME: 74T2.DGN PLOT SCALE: 1"=5'
REV.DATE 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON =
FILE NAME: HDGN: 74T2.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.4

TYPICAL SECTIONS

USH 18 — DANE COUNTY



TYPICAL SUPERELEVATED SECTION
(CONSTANT WIDTH SUBGRADE)

TYPICAL FINISHED SECTION

OLD DAIRY RIDGE ROAD ---------- STA. 31+00.00 TO STA. 40+00.00
OLD DAIRY RIDGE ROAD CUL DE SAC ---- STA. 15+68.00 TO STA. 18+00.00
OLD CTH "G" ---------- STA. 5+00.00 TO STA.20+00.00
OLD CTH "G" CUL DE SAC ---------- STA. 107+75.00 TO STA. 111+00.00

TABLE

ROAD WAY	DESIGN YEAR TRAFFIC (ADT)	FDM DESIGN CLASS	LANE WIDTH	0.04 FT/FT SHOULDER	4:1 SHOULDER	CLEAR ZONE	
						CUT	FILL
OLD DAIRY RIDGE ROAD	<100; LOCAL SERVICE	T1	8'	2'	5.4'	10'	10'
OLD CTH "G"	<250; TOWN ROAD	T3	10'	3'	5.4'	10'	10'
OLD DAIRY RIDGE ROAD CUL DE SAC	<100; LOCAL SERVICE	T1	8' MIN.	2'	5.3'	10'	10'
OLD CTH "G" CUL DE SAC	<100; LOCAL SERVICE	T1	8' MIN.	2'	5.3'	10'	10'

NOTES:

"P" = POINT REFERRED TO ON PROFILE

"X" = POINT REFERRED TO ON CROSS SECTION

* = SEE TABLE

① = SALVAGED TOPSOIL ON OLD DAIRY RIDGE ROAD AND OLD CTH "G"

TOPSOIL ON OLD DAIRY RIDGE ROAD AND OLD CTH "G" CUL DE SAC

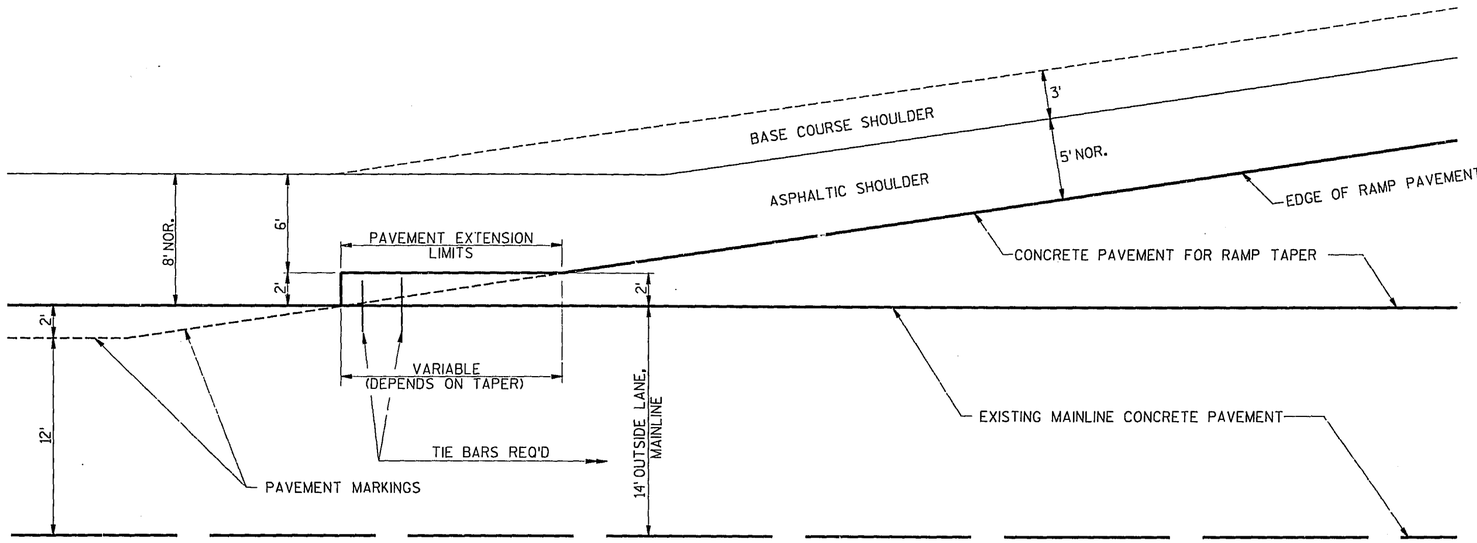
FOR TYPICAL SECTION OF TEMPORARY ROADS, SEE TRAFFIC CONTROL STAGE 1

PLOT SCALE: 1"=5'
PLOT NAME: T413.DGN
REV-DATE 11-30-82
ORIGINATOR: J.A.PIERONI
LEVELS ON =
FILE NAME: HDGN: T413.DGN

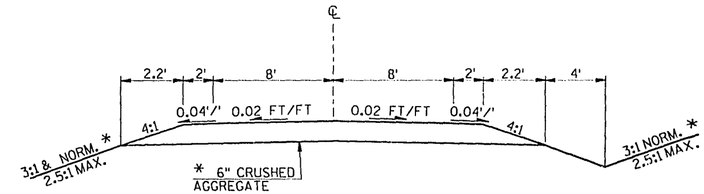
CONSTRUCTION DETAILS

USH 18 DANE COUNTY

KEY MAP



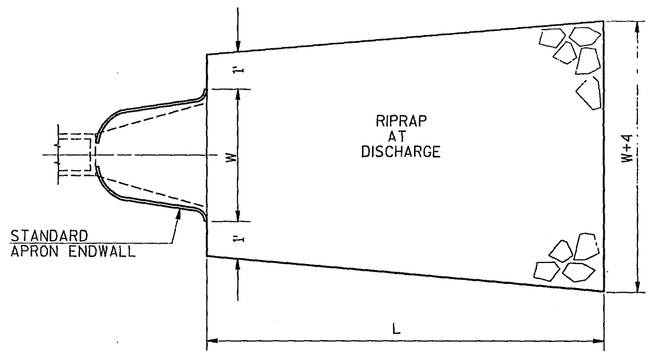
TYPICAL PAVEMENT EXTENSION DETAIL



HALF SECTION IN FILL HALF SECTION IN CUT

* CRUSHED AGGREGATE BASE COURSE, CRUSHED STONE UPPER 3" (MIN.)

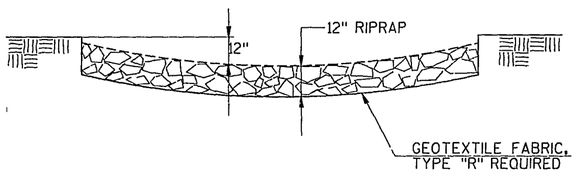
TYPICAL SECTION FOR SISK DRIVE



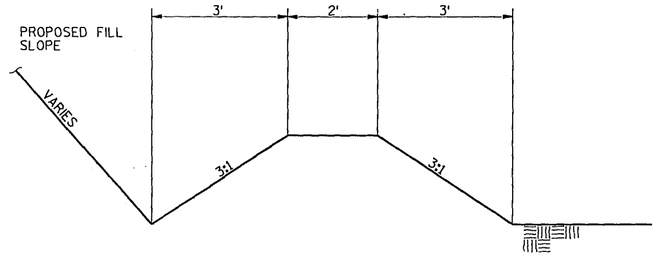
L= 3W OR 10' MIN. IF S < 3%
L= 3W + S%/2 OR 10' MIN. IF 3% < S < 10%
S= PIPE SLOPE

TYPICAL PLACEMENT OF RIPRAP ALONG ENDWALLS

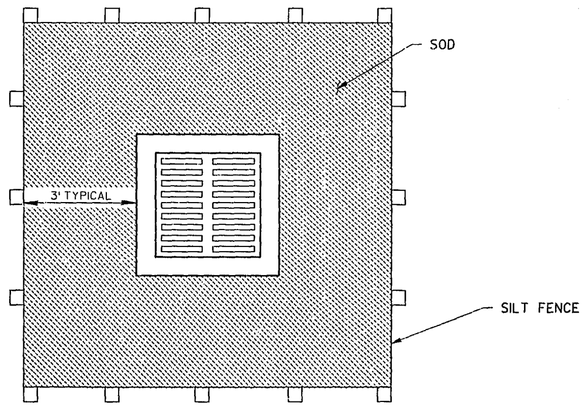
(REQUIRED AT ALL NEW CROSSDRAINS)



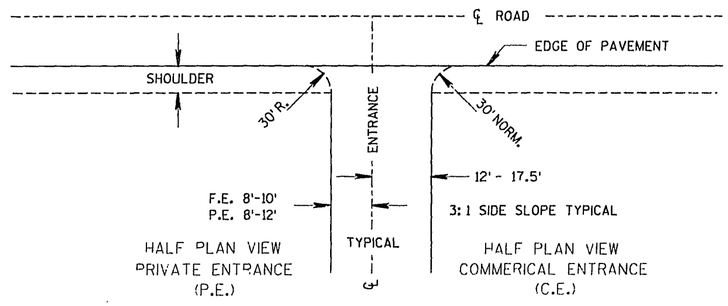
DETAIL FOR RIPRAP TREATMENT AT CULVERTS



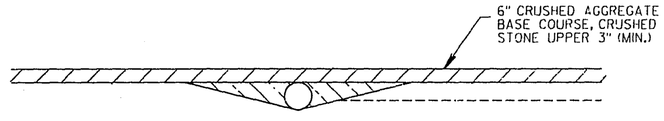
BERM CONSTRUCTION DETAIL



SOD AT INLETS



PLAN VIEW



PROFILE VIEW

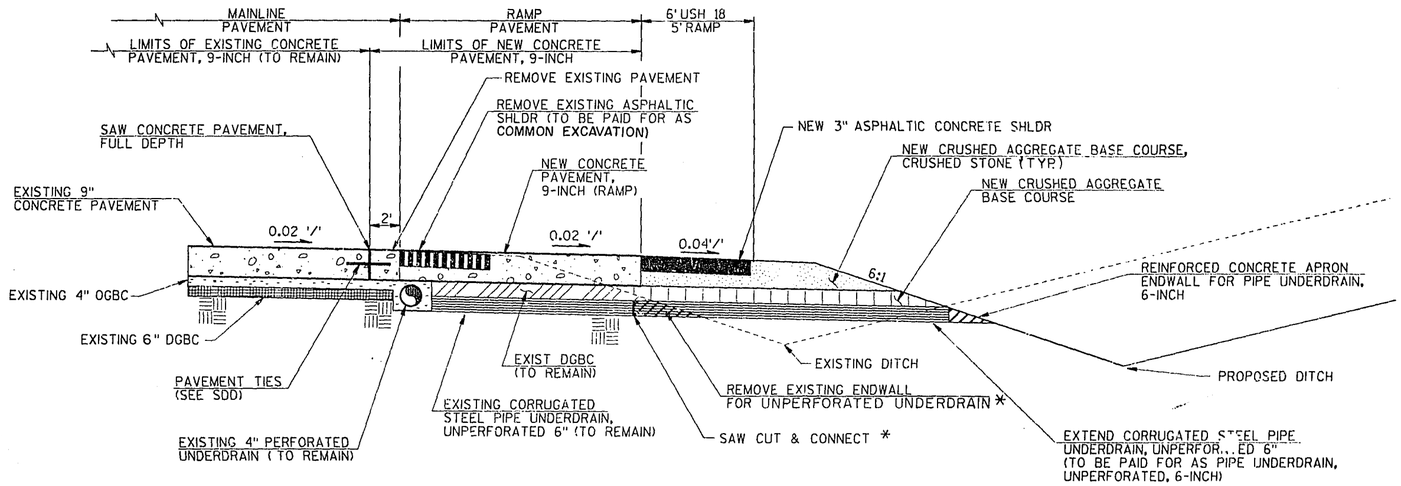
RURAL DRIVEWAY DETAIL

PLOT NAME: 74DT1.DGN PLOT SCALE: 1"=5'
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
59.60
LEVELS ON -
FILE NAME: HDGN: 74DT1.DGN

KEY MAP

CONSTRUCTION DETAIL

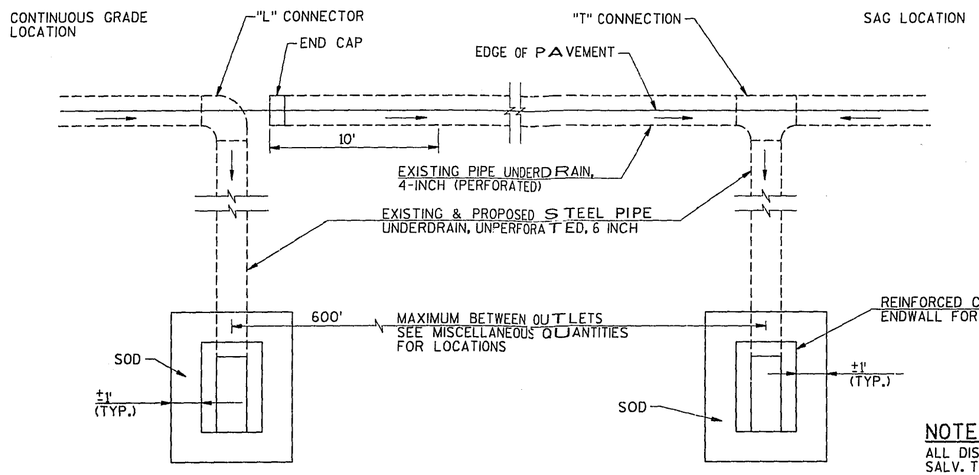
USH 18 DANE COUNTY



* COST INCLUDED IN COST OF REINFORCED CONCRETE APRON ENDWALL, 6-INCH

PIPE UNDERDRAIN EXTENSION DETAIL

(AT RAMP CONNECTIONS TO MAINLINE)



PIPE UNDERDRAIN OUTLETS

PLAN VIEW

NOTES:

ALL DISTRUBED SLOPES SHALL BE RESTORED, SALV. TOPSOIL FERTILZED, SEEDED AND MULCHED.

AREA AROUND ENDWALL SHALL BE SODDED.

PROVIDE UNDERDRAIN OUTLETS AT PROFILE SAG LOCATIONS AND AT OTHER LOCATIONS DESIGNATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

DIRECTION OF FLOW.

"L" AND "T" CONNECTORS ARE INCIDENTAL TO PIPE UNDERDRAIN.

PLOT SCALE: 1"=20'
PLOT NAME: 74DT2.DGN
59.62
51.
REV. DATE: 9-01-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN: 74DT2.DGN

CAMERA OPERATOR'S RETAKE CERTIFICATE

FORM CPR 13

Document Image Management Center

RECORDS DISPOSITION

REEL NUMBER	REDUCTION RATION	AUTHORIZATION NUMBER (RDA)
1485	24:1	

CAMERA (TYPE) (MODEL) (SERIAL NUMBER)

Kodak

TITLE OF RECORD SERIES

DESIGN

AGENCY

DOT

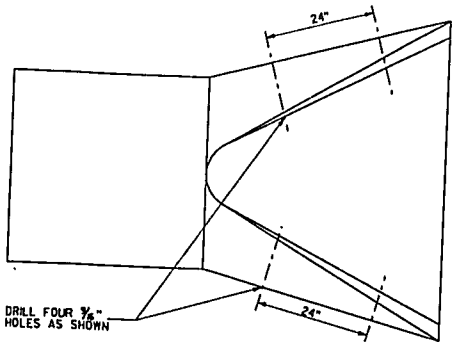
I certify that I have on this 2 day of 7, 19 96, photographed the above described documents in accordance with the standards and procedures established by Section 16.61 of the Wisconsin Statutes, and I further certify that the images appearing above between the retake title target and this certificate are:

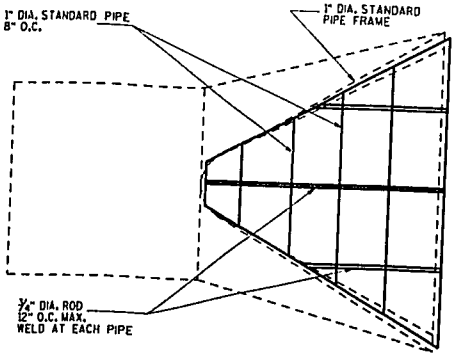
☐ True copies of records in the series described above, which records were not available at the time the series was originally photographed.

☐ True copies of records in the series described above, microphotographs of which proved unsatisfactory on inspection of the original microfilm roll.

The records appearing on this retake were records in the series described above, and were photographed as an addendum to be attached to the original roll of film.

ROLL BEGINS WITH	ROLL ENDS WITH
Reg Targets	1201-04-94
	CAMERA OPERATOR: L. S.





KEY MAP

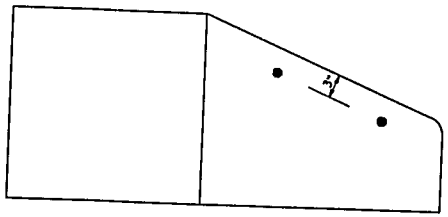
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.6A

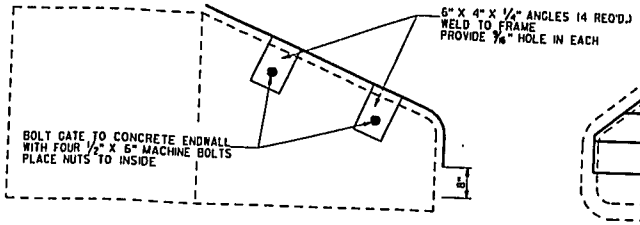
CONSTRUCTION DETAIL

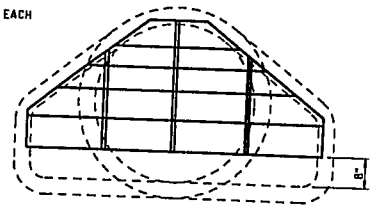
USH 18 DANE COUNTY

REV. NO.	DATE	REMARKS
1	2/23/93	NEW SHEET

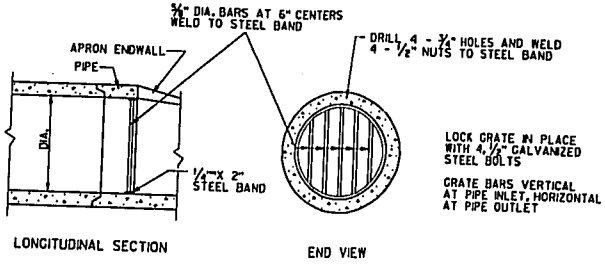
1485
1 of 3







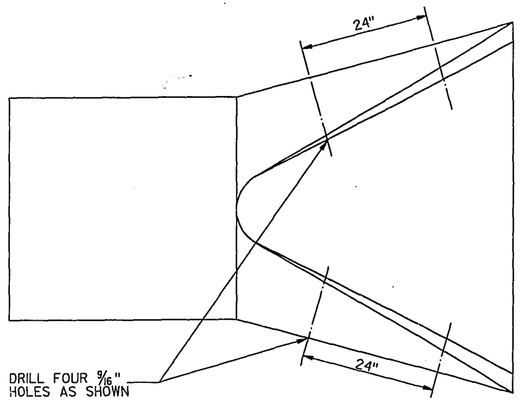
PIPE GRATE DETAIL
FOR SINGLE CULVERTS

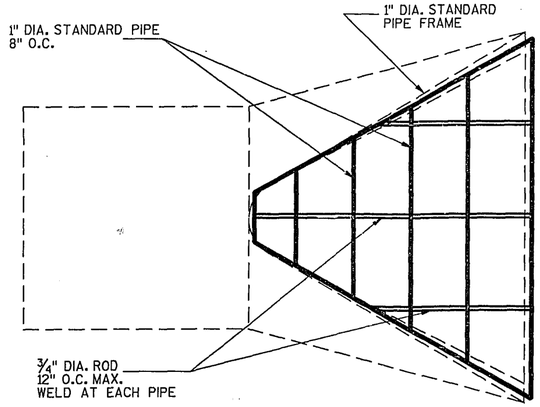


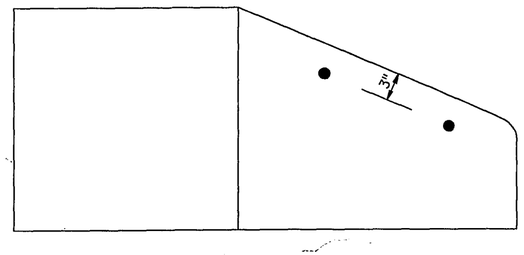
PIPE GRATE DETAIL
FOR MULTIPLE CULVERTS

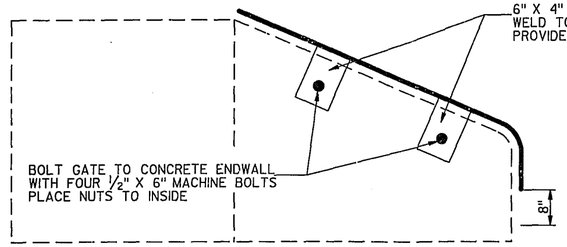
FILE NAME: HOGN:7401-4.DGN

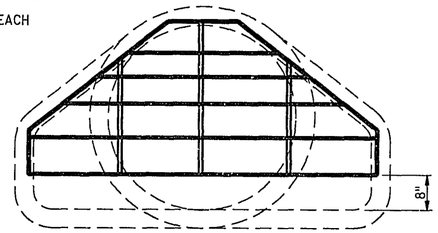
WISDOT/CADDS SHEET 42



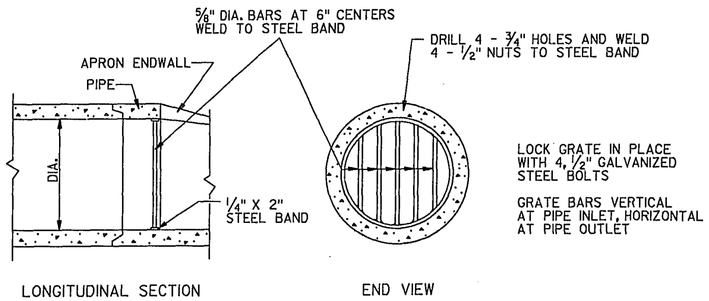








PIPE GRATE DETAIL
FOR SINGLE CULVERTS

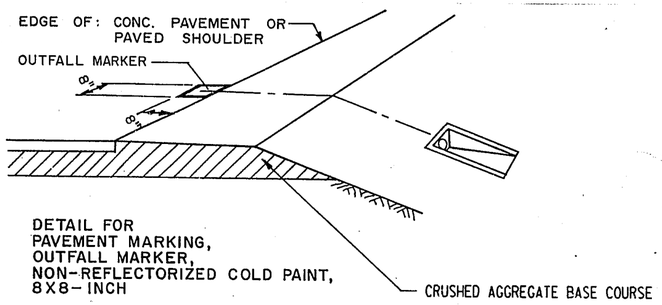


PIPE GRATE DETAIL
FOR MULTIPLE CULVERTS

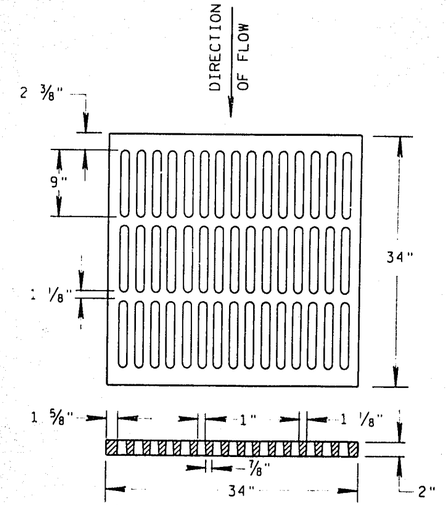
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.7

CONSTRUCTION DETAIL

USH 18 DANE COUNTY



DETAIL FOR
PAVEMENT MARKING,
OUTFALL MARKER,
NON-REFLECTORIZED COLD PAINT,
8X8-INCH



GRATE TYPE "MS-A"

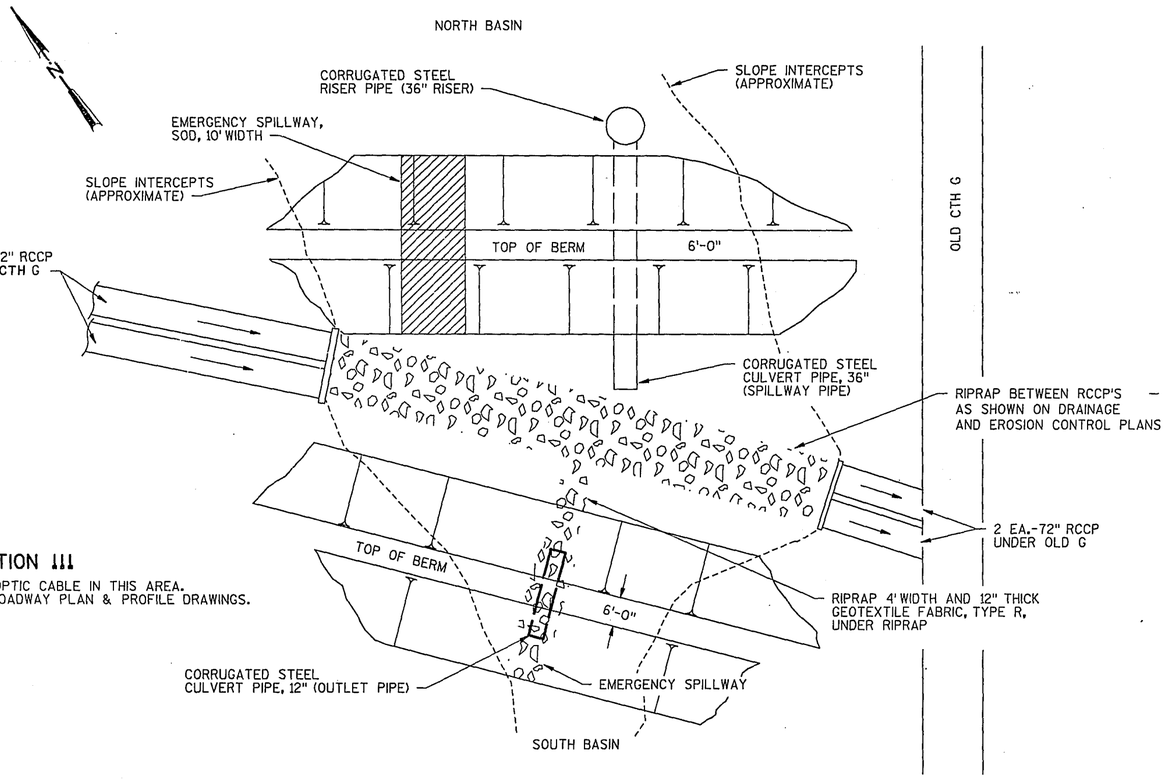
(APPROXIMATE GRATE WEIGHT 365 LBS.)

GRATE.....365 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTE AS TYPE MS-A ON THE DRAINAGE TABLE

TELEDYNE POST N44880

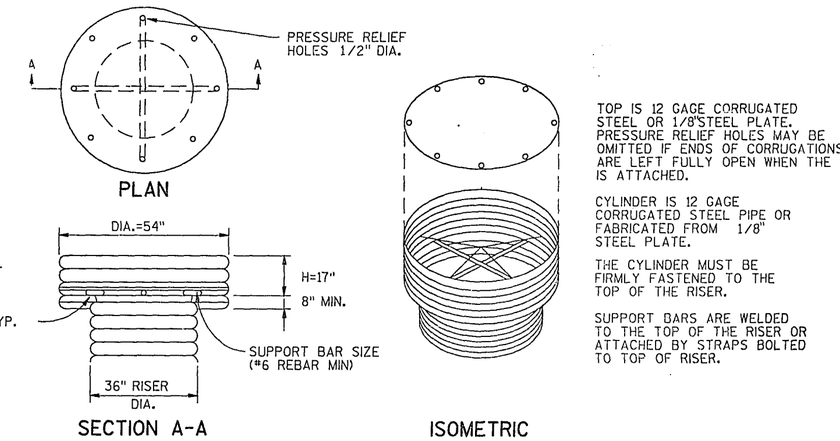
KEY MAP



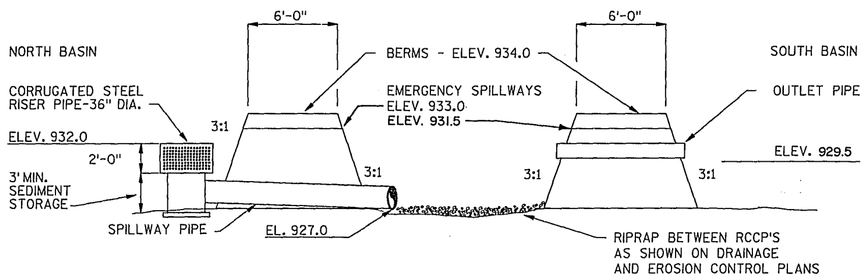
PLAN VIEW
SEDIMENT BASINS

NOTES:

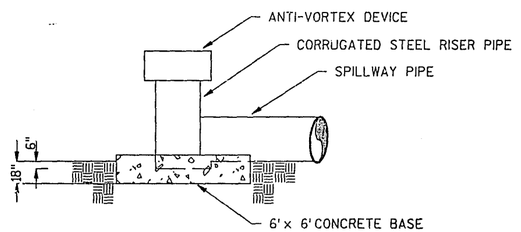
1. PERFORATIONS SHALL BE 1" IN DIAMETER SPACED AT A MINIMUM O.C. SPACING WHICH WILL STILL MAINTAIN THE STRUCTURAL INTEGRITY OF THE PIPE ACCORING TO THE MANUFACTURER OR 2",WHICHEVER IS LARGER.
2. EXPOSED SURFACES OF THE EARTH SPILLWAY AND EMBANKMENT WILL BE PROTECTED AS DIRECTED BY THE ENGINEER IN THE FIELD.
3. DIMENSIONS GIVEN ON TYPICAL SECTIONS ARE APPROXIMATE AND SUBJECT TO CHANGE BY THE ENGINEER IN THE FIELD.
4. SEDIMENT BASINS TO BE CONSTRUCTED BEFORE UPSTREAM EARTHWORK OPERATIONS COMMENCE, OR AS DIRECTED BY THE ENGINEER. BASINS TO BE USED ONLY DURING PROJECT CONSTRUCTION. AT THE COMPLETION OF CONSTRUCTION BASINS SHALL BE REMOVED AND THE AREA GRADED TO FINAL GRADES AND SEEDED. ALL REMOVAL WORK SHALL BE INCIDENTAL TO THE OTHER BID ITEMS RELATED TO SEDIMENT BASIN CONSTRUCTION.



ANTI-VORTEX DEVICE
(TO BE PLACED ON TOP OF RISER)



TYPICAL SECTION
SEDIMENT BASINS



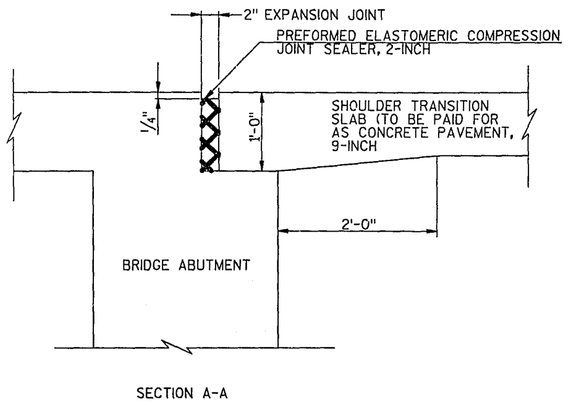
RISER PIPE DETAIL

PLOT SCALE: 1"=5'
PLOT NAME: 74DT1.DGN
59.60.
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON *
FILE NAME: HDGN: 74DT3.DGN

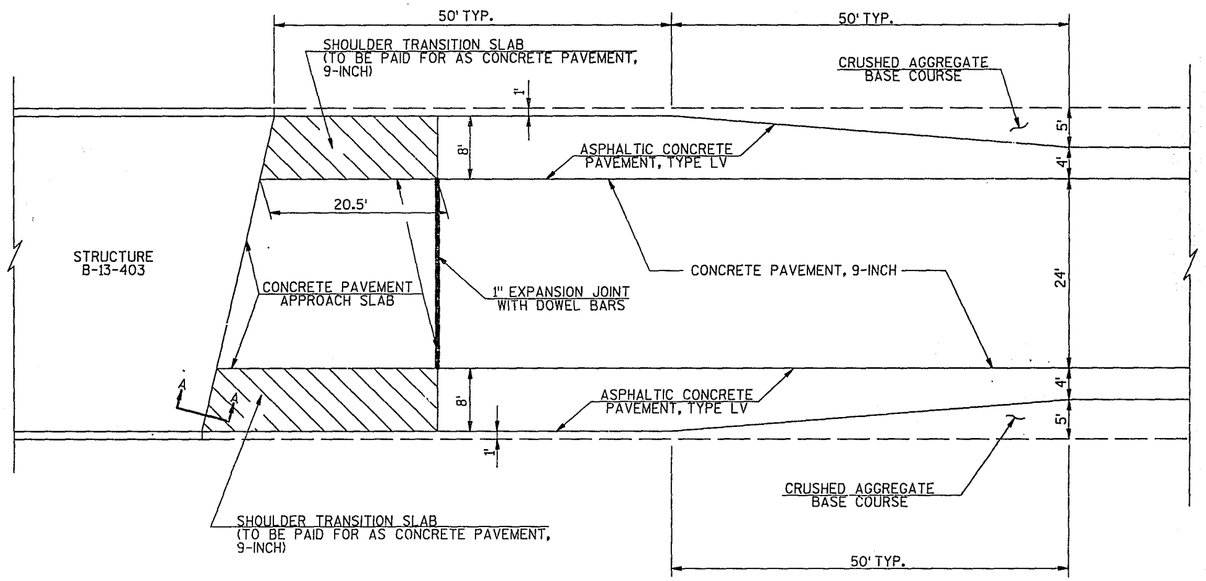
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.8A

CONSTRUCTION DETAILS

USH 18 DANE COUNTY



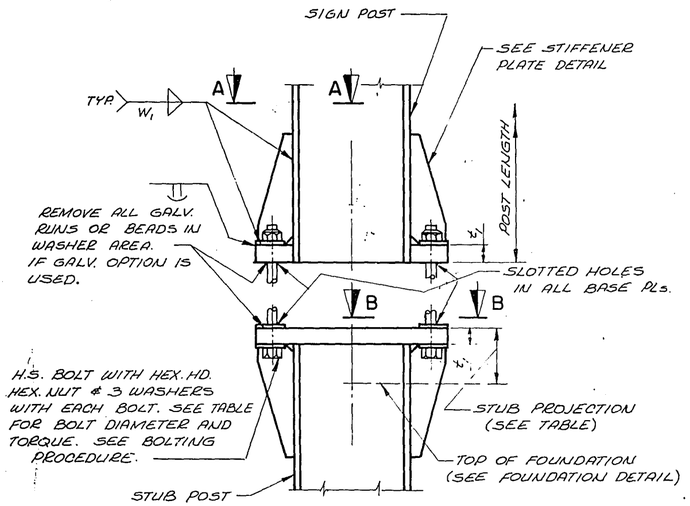
SECTION A-A



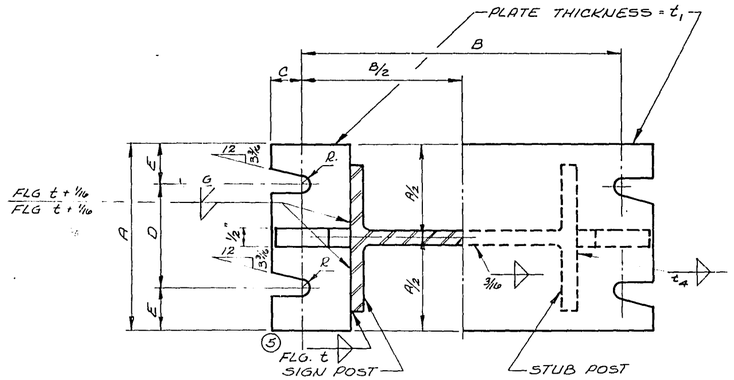
PAVEMENT DETAIL AT BRIDGE APPROACHES (TYPICAL.)
B-13-403

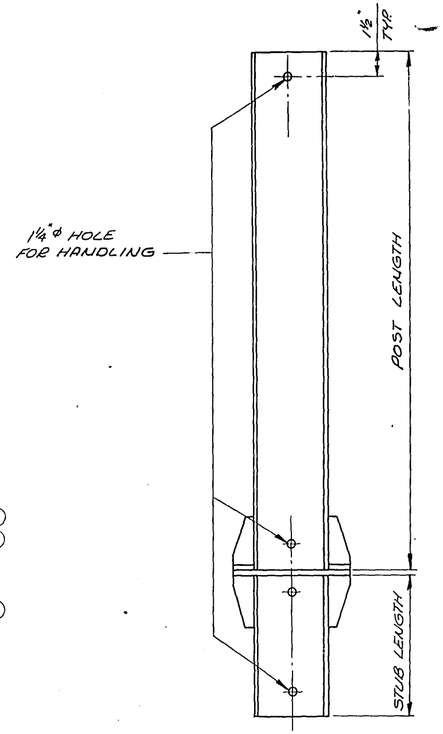
FORM E-B-12-69

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT DESIGNATION		



SIGN POST AND STUB POST ELEVATION

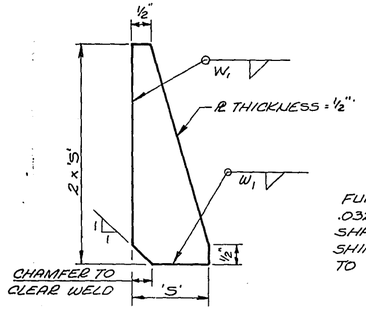




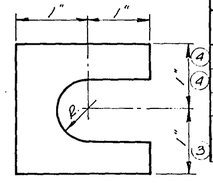
POST DETAIL

TYPE	DIMENSION / POST SIZE	BOLT SIZE & TORQUE	A	B	C	D	E	t_1	t_4	W_1	R	S	STUB LENGTH	STUB PROJECTION	SHAFT DIAMETER	SHAFT LENGTH	K (2)	
A	W 10"x 12.0 #/FT.	¾"ø @ 75 #/FT	5¼	1'-0⅜	⅞	3½	⅞	1	3/16	5/16	13/32	2⅛	3'-6	3	2'-0ø	5'-0	76.0 #	(4)
B	W 12"x 16.0 #/FT.	⅞"ø @ 85 #/FT	5½	1'-4⅛	1	3½	1	1¼	¼	5/16	15/32	3	5'-6	3	2'-0ø	7'-0	146.5#	(4)
C	W 12"x 19.0 #/FT.	⅞"ø @ 85 #/FT	5½	1'-4⅛	1	3½	1	1½	5/16	5/16	15/32	3	6'-0	3	2'-0ø	7'-6	182.1 #	
D	W 12"x 22.0 #/FT.	⅞"ø @ 85 #/FT	5½	1'-4⅛	1	3½	1	1½	3/8	5/16	15/32	3	6'-6	3	2'-0ø	8'-0	210.5 #	
E	W 12"x 26.0 #/FT.	1"ø @ 90 #/FT	7	1'-4½	1¼	4	1½	1½	3/8	5/16	17/32	3	7'-0	3	2'-0ø	8'-6	293.0#	(3)
								(1)	(6)	(1)								

STRUCTURAL CARBON STEEL PAY WTS. (1 POST) = K+ (POST LENGTH x POST WT). "K" INCLUDES STUB, BASE PLATES, STIFFS., BOLTS, AND WASHERS.

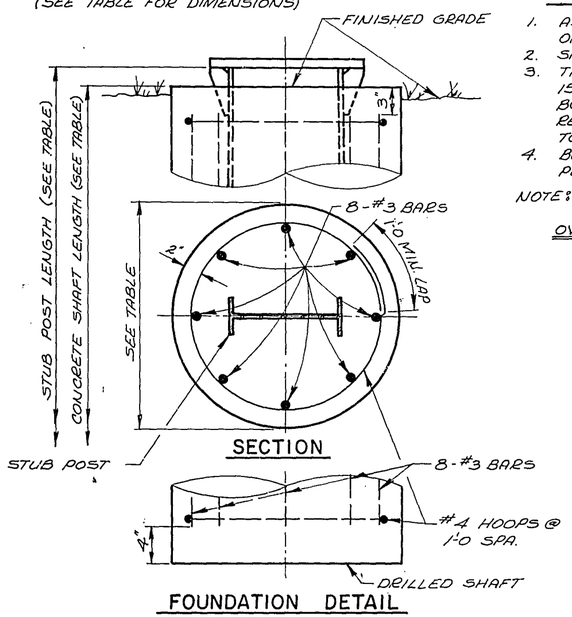


STIFFENER PLATE DETAIL
(SEE TABLE FOR DIMENSIONS)



FURNISH 2 @ .012"± THICK AND 2 @ .032"± THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO A.S.T.M. - B36

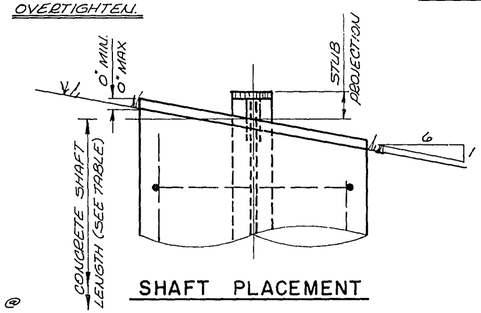
SHIM DETAIL



BOLTING PROCEDURE - BASE CONNECTION

1. ASSEMBLE SIGN POST TO STUB POST WITH BOLTS AND ONE OF THE FLAT WASHERS ON EACH BOLT BETW. PLATES.
2. SHIM AS REQUIRED TO PLUMB POST.
3. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS, THEN LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE. (SEE TABLE)
4. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

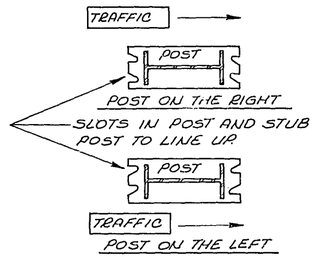
NOTE: TIGHTEN THE HIGH STRENGTH BOLTS TO THE TORQUE SHOWN. DO NOT OVERTIGHTEN.



SHAFT PLACEMENT

QUANTITES FOR 1 FTG	CONC. MASONRY C.Y.	REINF. STEEL LBS
A	.6	34
B	.8	49
C	.9	50
D	.9	56

	REINF.	
TYPE	#3	#4
A	8 @ 4'-5	5 @ 6'-3
B	8 @ 6'-5	7 @ 6'-3
C	8 @ 6'-11	7 @ 6'-3
D	8 @ 7'-5	8 @ 6'-3



POST SLOT ORIENTATION

DESIGN DATA

WIND PRESSURE = 75 M.P.H.
WIND COMPONENTS - NORMAL = 1.0 TRANSVERSE = 0.0
ICE LOAD = 3 P.S.F.

GROUP LOADS	PERCENT OF ALLOWABLE STRESS	
I DEAD	100	
II DEAD & WIND	140	
III DEAD, ICE & ½ WIND*	140	* 25 P.S.F. MIN.

ALLOWABLE SOIL PRESSURE = 1½ T/SQ.FT.
WIND LOAD WAS APPLIED TO THE AREA OF THE SIGN AND TO THE SUPPORTING MEMBERS.
ICE LOAD WAS APPLIED TO ONE FACE OF THE SIGN AND AROUND THE SURFACE OF THE SUPPORTING MEMBERS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DESIGN CONFORMS WITH A.A.S.H.T.O. SPECIFICATIONS 1975.
ALL POSTS, POST STUBS & ATTACHMENTS SHALL BE EITHER (4) A572 GRADE 50 OR A588.
IF A572 MATERIAL IS USED, THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST, FLANGE SPLICE PL. AND FUSE PL. SHALL BE GALVANIZED AFTER FABRICATION.
H.S. BOLTS, WASHERS & NUTS SHALL BE A325 TYPE 3 NOT GALVANIZED. THIS APPLIES TO A572 AS WELL AS A588 POSTS. (5)

WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	STATE TRAFFIC ENGINEER
DATE 9-23-87	PLATE NO. A3-1.10

No.	Date	Revision	By
(6)	8-24-87	BASE CONN. WELD	
(5)	10-13-81	BASE CONN. WELD	
(4)	10-19-79	POST A & B, A572 GR. 50, # K	
(2)	11-28-78	"K" (3) 4-23-79 TYPE 'E'	
(1)	5-4-78	t_1, t_2, & W_1	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

TYPE A, B, C, D & E

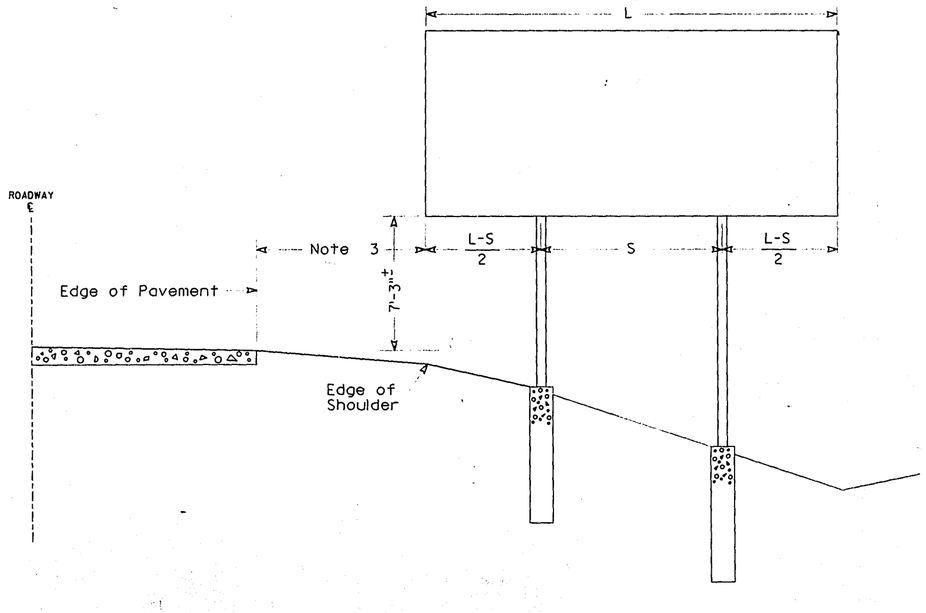
Const. Spec. 1975	DR: R.J.G.	DATE: 1-31-77	Plans Checked FOM

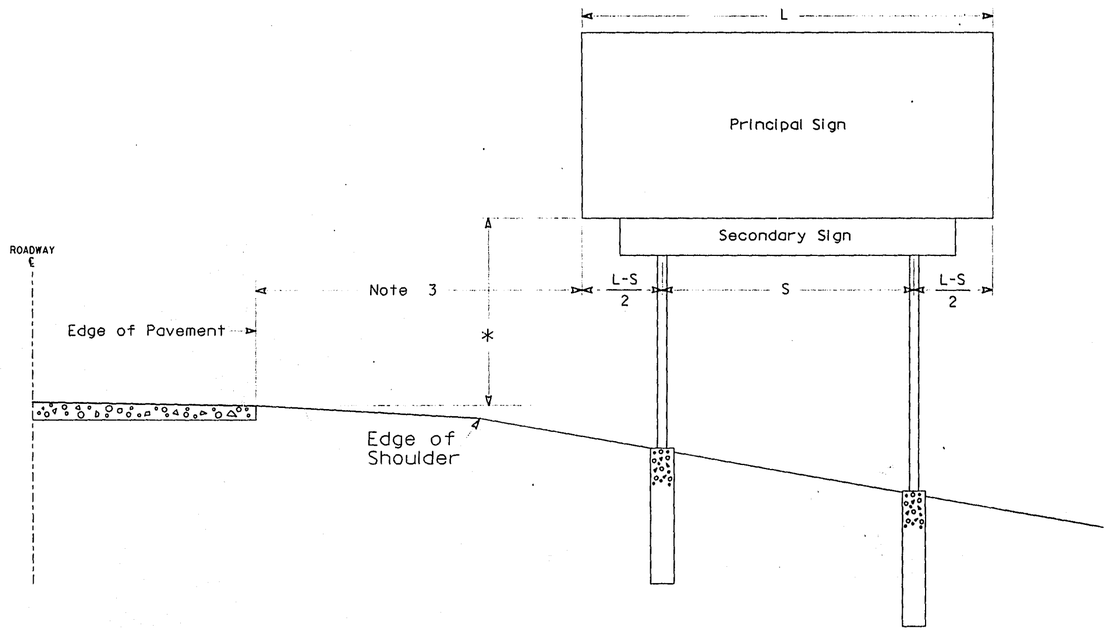
FOOTING & SIGN SUPPORT DETAILS. GROUND MOUNT BREAK-AWAY SIGNS SHT. 1 OF 1

1-1-77 ⊕ 11C-77

X57651

PLOT NAME: A4-1
PLOT SCALE: 1:48
FILE NAME: A4-1
ORIGINATOR: AL WIEDENBECK
LEVELS ON: 1,2,3,5.





* Clearance is 8'- 3"(±) when the secondary sign is 3ft or less in height. For secondary signs larger than 3ft, the clearance to the bottom of the secondary sign shall be 5'- 3"(±).

GENERAL NOTES

1. For a 2 post installation, S equals 3L/5, but shall not be less than 9ft.
2. For a 3 post installation, S equals 5L/7, but shall not be less than 18ft, and the space between any two posts shall not be less than 9ft.
3. The sign offset distance shall be as listed in the plan.
4. The (±) tolerance shown on this sheet is 3in.
5. The vertical sign height clearance detailed is measured from the bottom of the sign to the near edge of pavement.

DATE DRAWN 6-4-87 DATE REDRAWN
DATE REVISED 4-21-89

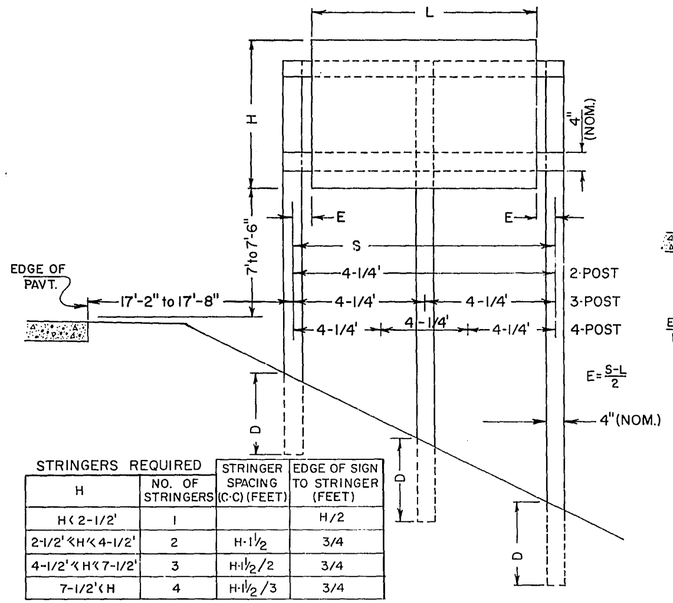
TYPICAL INSTALLATION
OF TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
State Traffic Engineer

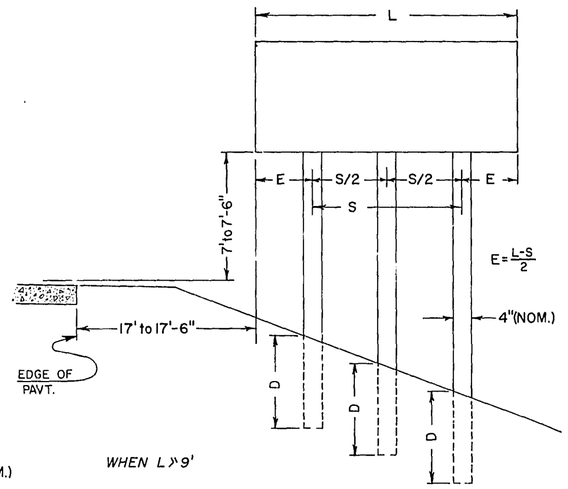
DATE 9-29-89 PLATE NO. A4-1.5

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
PROJECT DESIGNATION		

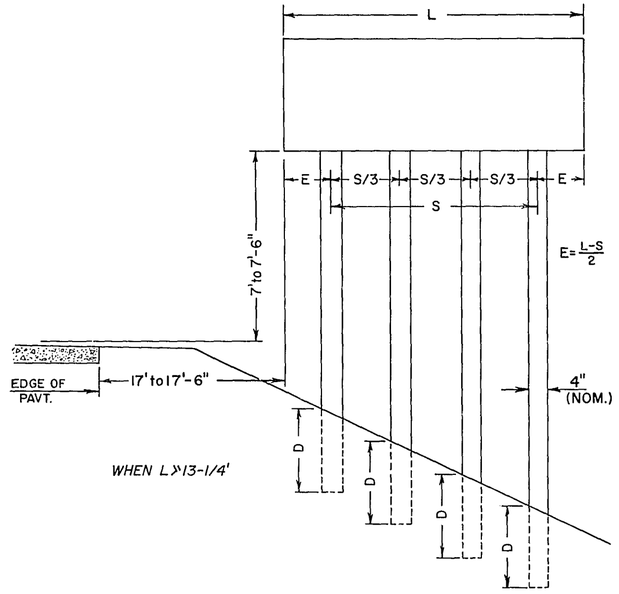


STRINGERS REQUIRED			
H	NO. OF STRINGERS	STRINGER SPACING (C-C) (FEET)	EDGE OF SIGN TO STRINGER (FEET)
H < 2-1/2'	1		H/2
2-1/2' < H < 4-1/2'	2	H-1½/2	3/4
4-1/2' < H < 7-1/2'	3	H-1½/2	3/4
7-1/2' < H	4	H-1½/3	3/4

WHEN L < 3' (TWO POST INSTALLATION)
OR L < 9' (THREE POST INSTALLATION)
OR L < 13' (FOUR POST INSTALLATION)



WHEN L > 9'

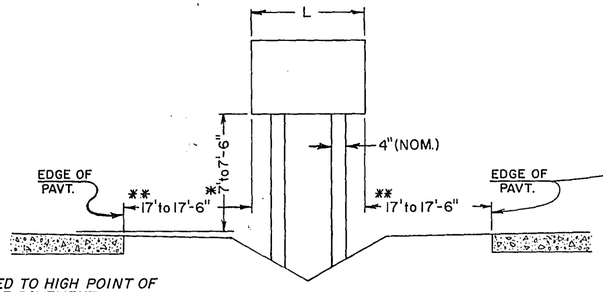


WHEN L > 13-1/4'

TABLE OF POST SPACING

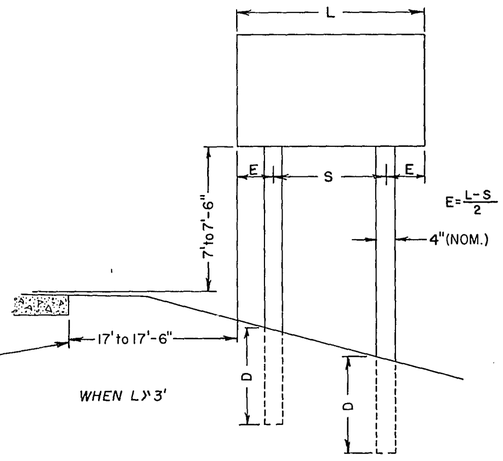
L (FEET)	TWO POSTS DIAMOND SHAPE SIGNS S (FEET – INCHES)	TWO POSTS SIGNS OTHER THAN DIAMOND SHAPE S (FEET)	THREE POSTS S (FEET)	FOUR POSTS S (FEET)
L < 3		4-1/4		
3 < L < 5	1'-8"	L-2		
5 < L < 6	2'-8"		8-1/2'	
6 < L < 7	3L/5'			
7 < L < 9	3L/5'	3L/5'		12-3/4
9 < L < 13				
13 < L < 15			2L/3	
15 < L < 17				3L/4
17 < L < 18				3L/4
18 < L < 24				

L= HORIZONTAL DIMENSION OF SIGN S= SPACE BETWEEN OUTSIDE POSTS (C-C)



* *MEASURED TO HIGH POINT OF MAINLINE PAVEMENT*

** *MEASURED TO THE EDGE OF SIGN OR TO EDGE OF NEAREST POST WHICHEVER IS CLOSER TO THE PAVEMENT.*



WHEN L > 3'

SIGN IN GORE

SPACING OF POSTS IS DEPENDENT ON THEIR NUMBER; SEE OTHER LAYOUTS ON THIS PAGE.

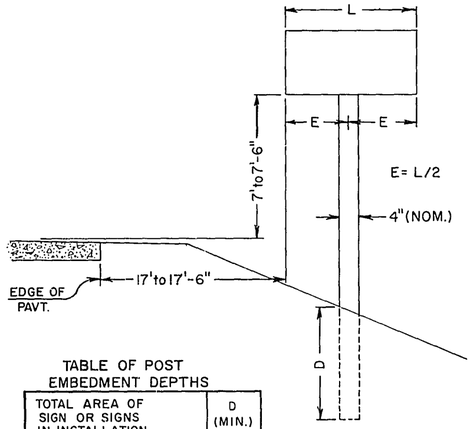


TABLE OF POST EMBEDMENT DEPTHS

TOTAL AREA OF SIGN OR SIGNS IN INSTALLATION (SQ. FT.)	D (MIN.) (FEET)
NOT OVER 20	3-1/2
OVER 20 BUT NOT OVER 50	4
OVER 50	5

Date Drawn – 1-20-77

Date Revised –

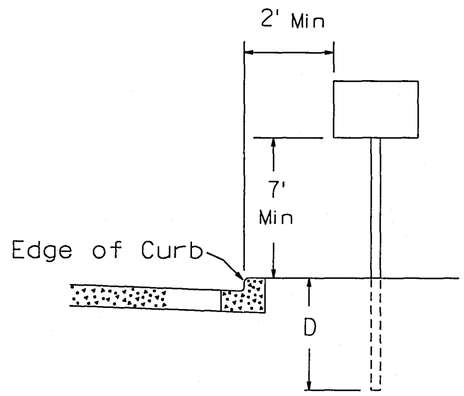
TYPICAL INSTALLATION OF TYPE III SIGNS ON WOOD POSTS

WISCONSIN DIVISION OF HIGHWAYS

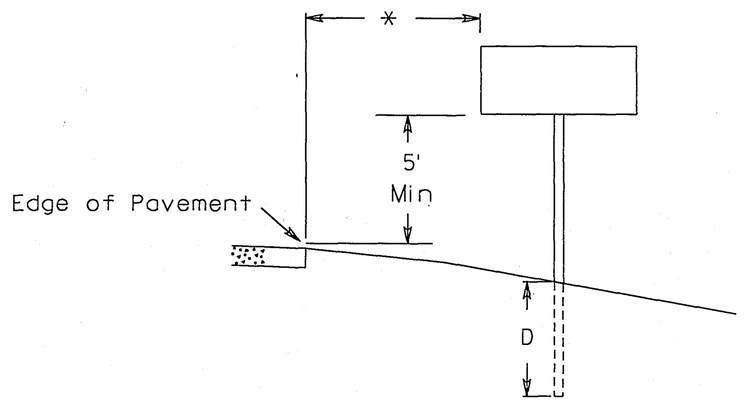
APPROVED Wayne N Walk
CHIEF TRAFFIC ENGINEER

DATE 1-26-77 PLATE NO. A4-2.1

URBAN AREA



RURAL AREA

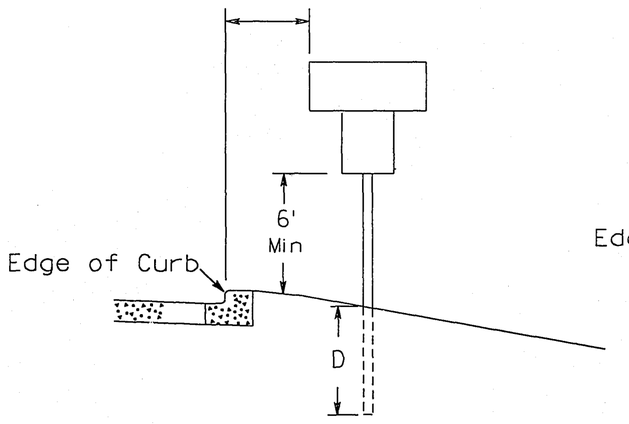


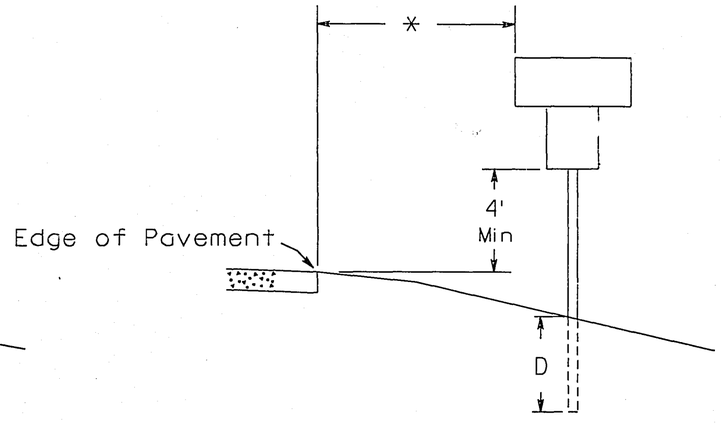
GENERAL NOTES

1. Sign assemblies wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. See plate A4-4 for typical installations.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'





* 12 feet minimum from edge of pavement. Where there is a paved shoulder, 6' minimum from edge of paved shoulder, but at least 12 feet from edge of pavement.

DATE DRAWN 9-12-91 DATE REDRAWN
DATE REVISED 1-14-92

TYPICAL INSTALLATION OF TYPE II SIGNS ON SINGLE POSTS

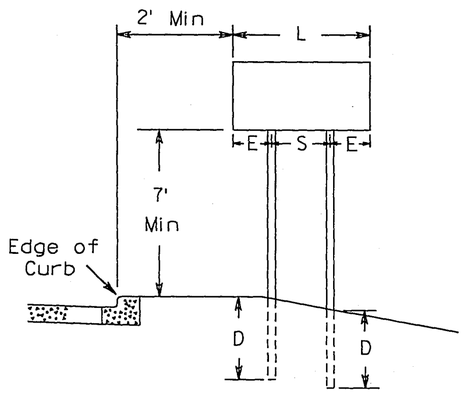
WISCONSIN DEPT. OF TRANSPORTATION

APPROVED Peter F. Rusch
DATE 1/21/92 PLATE NO. A4-3.8

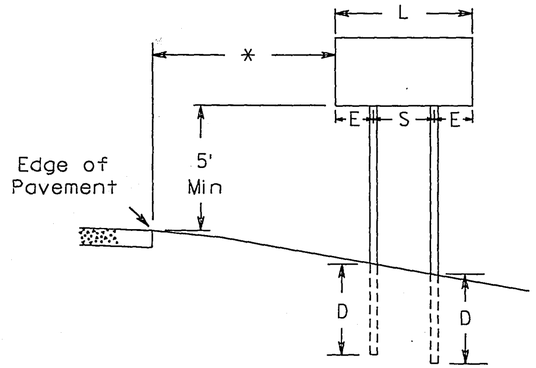
PLOT NAME: A4-3
PLOT SCALE: 1:50
FILE NAME: A4-3
ORIGINATOR: John Noll
LEVELS ON • 2,3, 10.
58,59.

PLOT NAME: A4-3
PLOT SCALE: 1:50
FILE NAME: A4-3
ORIGINATOR: John Noll
LEVELS ON - 2,3, 10,
58.59.

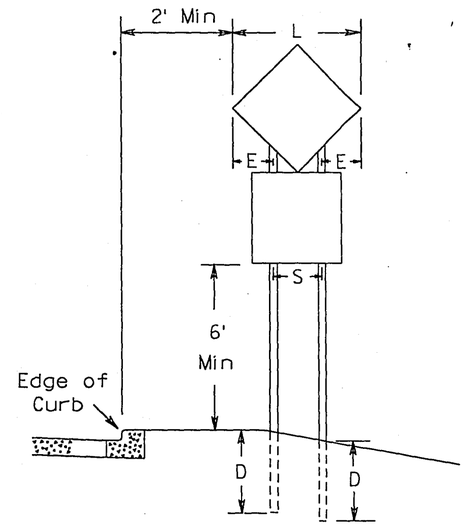
URBAN AREA

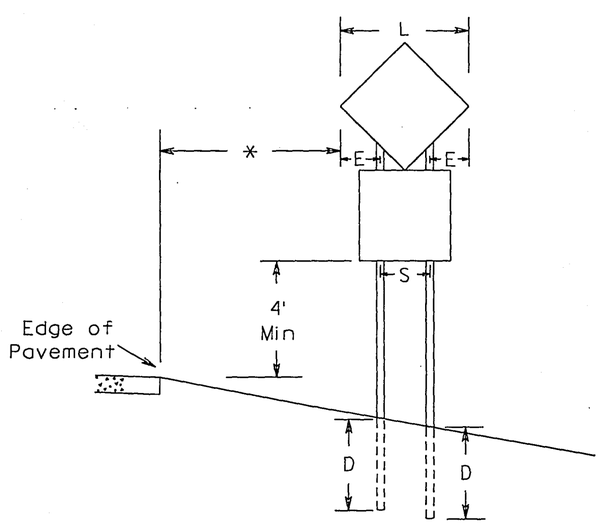


RURAL AREA



SIGN SHAPE OTHER THAN DIAMOND		
L	S	E
Less than 60"	L-24"	12"
60" or more	3 L/5	L/5





DIAMOND SHAPED SIGNS		
L	S	E
Less than 60"	20"	L/2 - 10
60"--72"	32"	L/2 - 16
Greater than 72"	3 L/5	L/5

* 12 feet minimum from edge of pavement. Where there is a paved shoulder, 6' minimum from edge of paved shoulder, but at least 12 feet from edge of pavement.

GENERAL NOTES

1. For 3 post installations, post spacing is S/2 and S must be greater than 8'-6"
2. For 4 post installations, post spacing is S/3 and S must be greater than 12'-9"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

DATE DRAWN 6-3-87 DATE REDRAWN 10-1-91
DATE REVISED 1-14-92

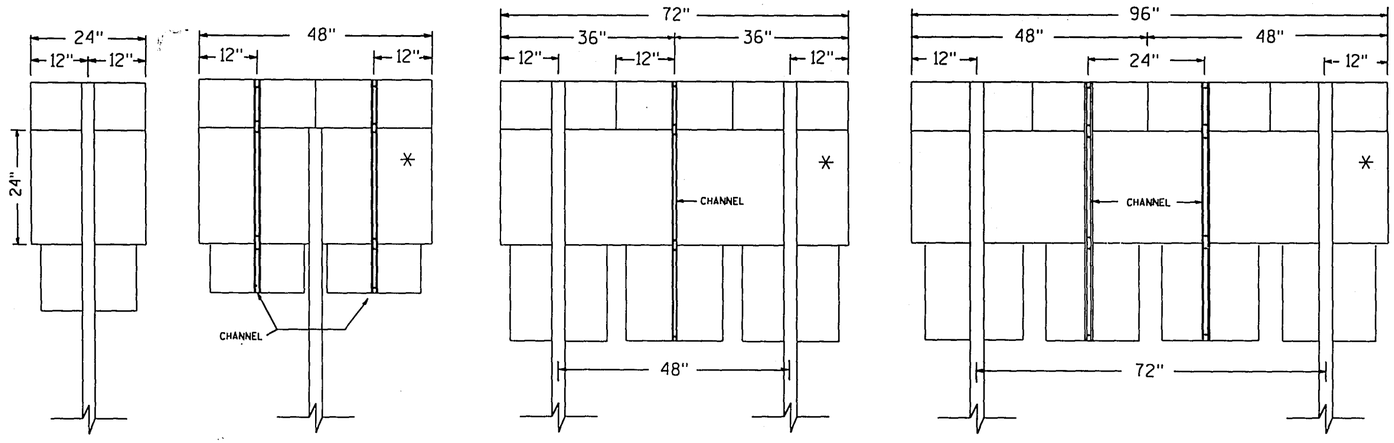
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Peter T. Rusch
State Traffic Engineer

DATE 1/21/92 PLATE NO. A4-4.2

PLOT NAME: A4-5
PLOT SCALE: 1:5
FILE NAME: A4-5
ORIGINATOR: John Noll
LEVELS ON - 1,2,
10.
58.59.



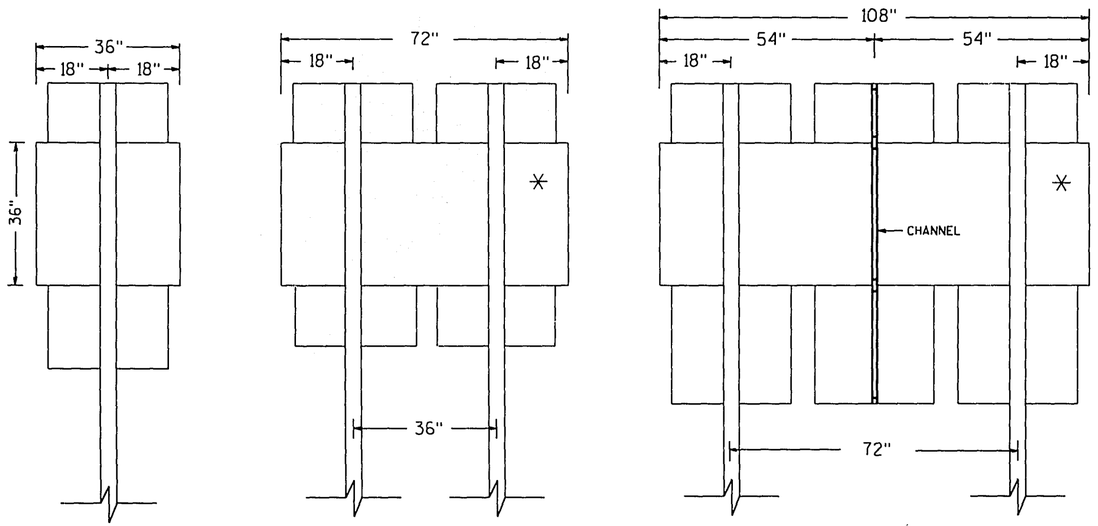
NOTES:

1. Post spacing shall be according to this detail but post embedment depth shall be in accordance with A4-4.
2. Channel material shall be as specified in Section 633 of Std. Specs. and weight shall be approx. 1.4 lbs/ft.
3. Base material for a multiple marker head panel (*) shall be one piece high density overlay plywood. All other materials within the assembly can be either plywood or aluminum.

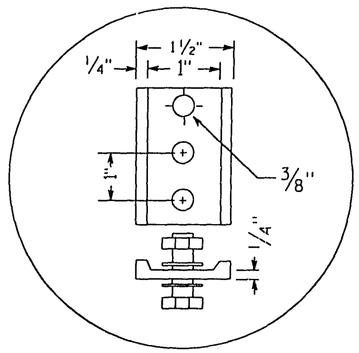
CHANNEL HARDWARE:

Aluminum Sign components: -1/4" x 3/4" bolt and 1/4" flat washers

Plywood Sign Components: -1/4" x 1 1/4" bolt and 1/4" flat washers



CHANNEL DETAIL



DATE DRAWN 6-3-87 DATE REDRAWN 10-3-91
DATE REVISED

TYPICAL PANEL INSTALLATION FOR J TYPE ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
State Traffic Engineer
DATE 11/5/91 PLATE NO. A4-5.3

STATE PROJECT NUMBER	SHEET NO.

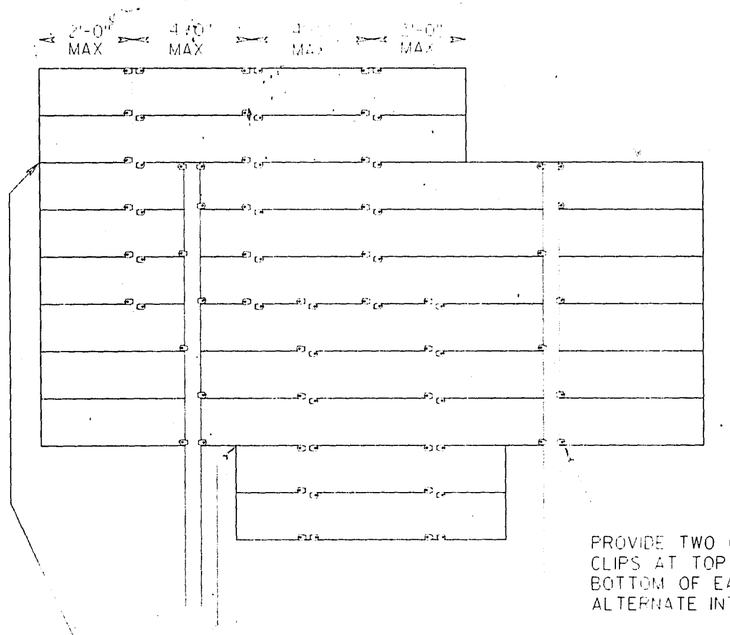
PLOT NAME: A4-6

PLOT SCALE: 1:24

FILE NAME: A4-6

ORIGINATOR: AL WIEDENBECK

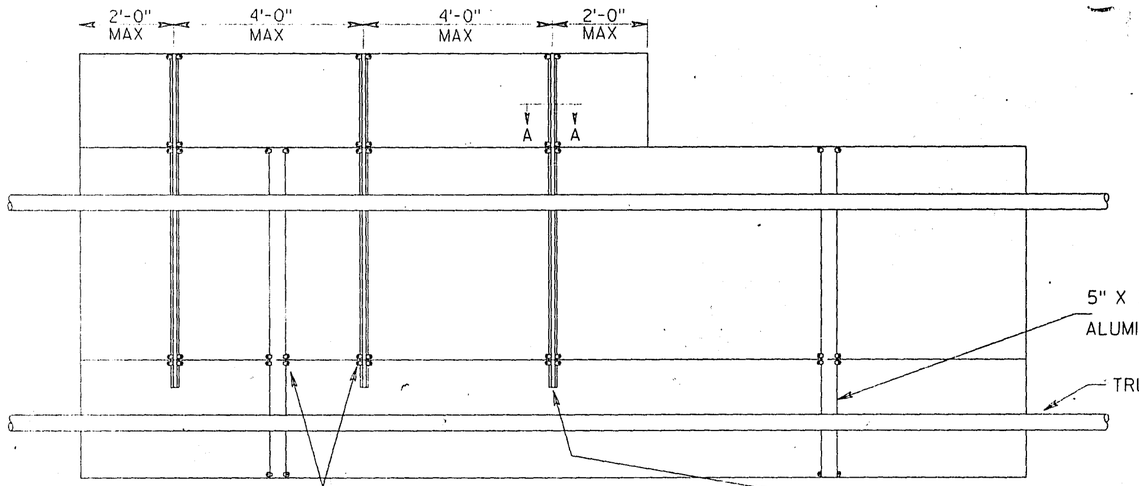
TYPE I SIGN



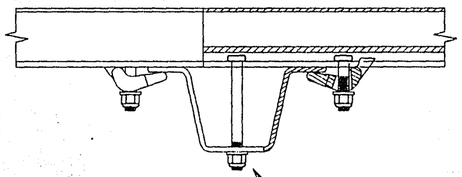
PROVIDE TWO (2) POST CLIPS AT TOP AND BOTTOM OF EACH SIGN. ALTERNATE INTERIOR CLIPS.

IF THE BOLT HOLES IN THE TOP PANEL (EXIT NUMBER), OR SUB PANEL (NEXT EXIT) LINE UP WITH HOLES IN MAIN SIGN, PANEL STITCH BOLTS SHALL BE USED IN ADDITION TO THE CHANNELS.

TYPE IV SIGN



PROVIDE TWO (2) POST CLIPS AT EVERY BOLT SLOT ALONG THE VERTICAL HEIGHT OF SIGN



SECTION A-A

INSTALL ONE CENTER BOLT ON EACH FLANGED CHANNEL STEEL POST AT ANY HORIZONTAL SIGN BOLT SLOT ALONG THE LENGTH OF THE POST (FOR OVERHEAD SIGN INSTALLATIONS ONLY)

GENERAL NOTES

1. Flanged channel steel posts shall conform to section 633 of STANDARD SPECIFICATIONS and shall be furnished and paid for under a separate item or if not, as incidental to other items in the contract.
2. Number of steel channel supports varies with length of panel.
   PANEL LENGTH 8'-0" OR LESS = 2 SUPPORT CHANNELS
   PANEL LENGTH 9'-0" - 12'-0" = 3 SUPPORT CHANNELS
   PANEL LENGTH 13'-0" OR MORE = 4 SUPPORT CHANNELS
3. If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the top sign.
4. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign.
5. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.

DATE DRAWN 6-11-87 DATE REDRAWN _____

DATE REVISED _____ _____

INSTALLATION OF EXIT NUMBER PANELS OR SUB SIGN PANELS

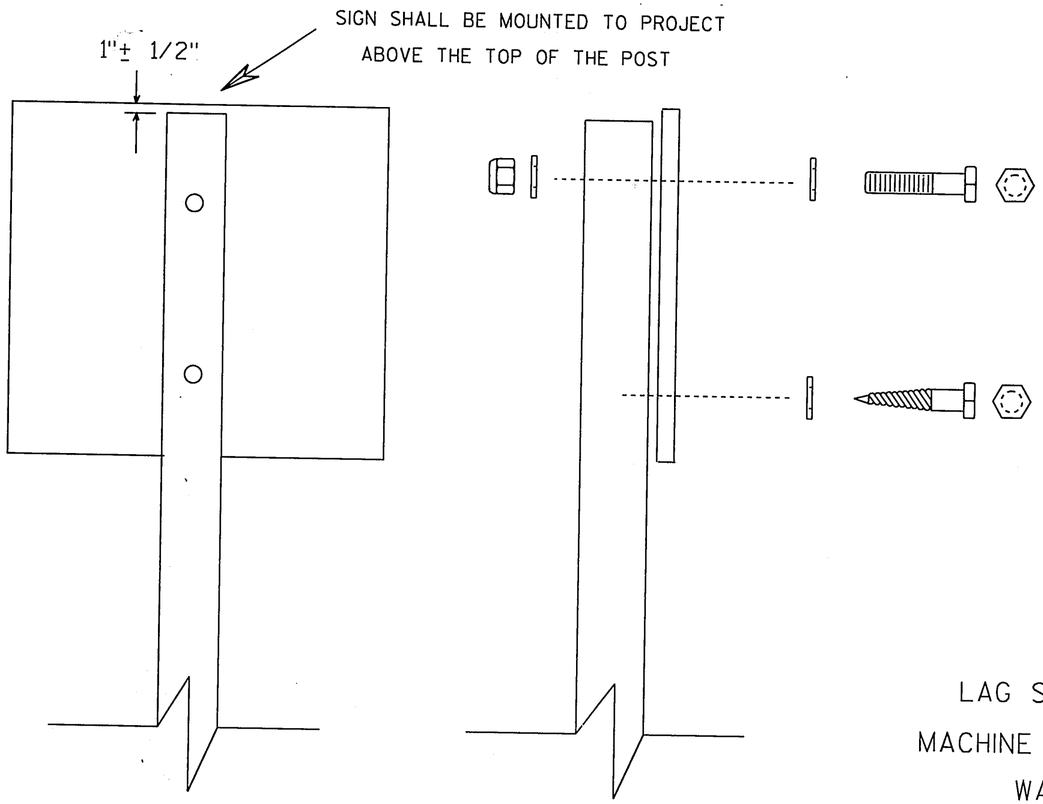
WISCONSIN DEPT OF TRANSPORTATION

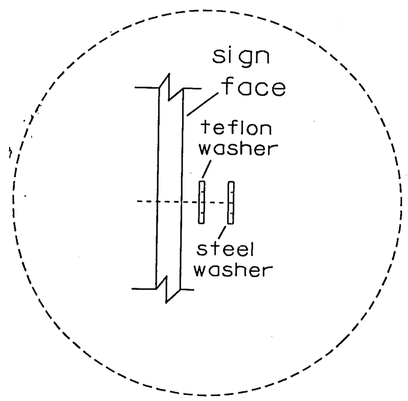
APPROVED _____
State Traffic Engineer

DATE 9-29-89 PLATE NO. A4-6.6

DIST NO.- COUNTY- HWY- DATE DRAWN-

PLOT NAME: 58.59.
PLOT SCALE: 2:1
FILE NAME: A5-2
ORIGINATOR: AL WIEDENBECK
LEVELS ON - 2. 10.





Washer Placement when
Sign Has Type H Face

Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
c. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
WASHERS - 1" O.D. X 3/8" I.D. X 1/16" STEEL for signs 24x24 and smaller.
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL for signs 24x30 to 36x48.
1-1/2" O.D. X 7/16" I.D. X 1/16" STEEL for signs 48x48 and larger.
1-1/4" O.D. X 3/8" I.D. X .080 TEFLON for all Type H signs.

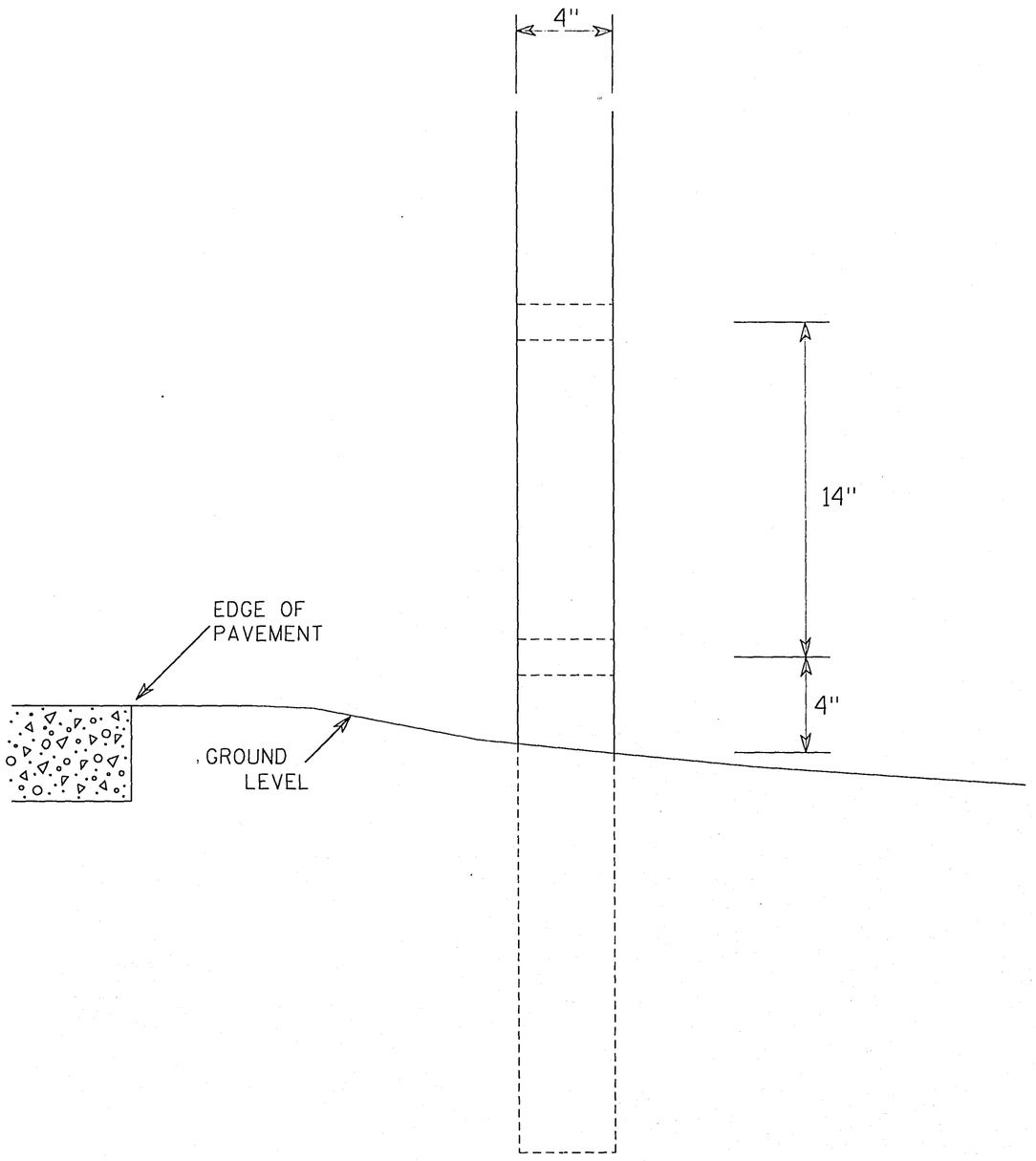
DATE DRAWN 1-29-92 DATE REDRAWN
DATE REVISED

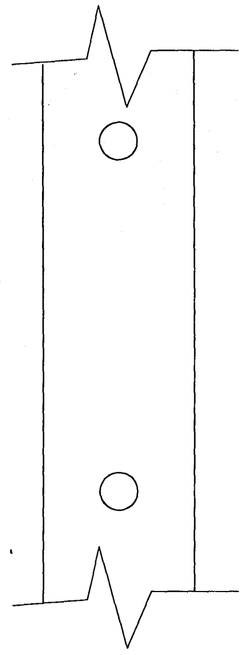
ATTACHMENT OF SIGNS TO WOOD POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
State Traffic Engineer
DATE 2-1-92 PLATE NO. A4-8.2

PLOT NAME: A4II
PLOT SCALE: 3:1
FILE NAME: A4II
ORIGINATOR: AL WIEDENBECK
LEVELS ON : 1, 2, 5, 10.
58.59.





SIDE VIEW

GENERAL NOTES

1. All 4x6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

DATE DRAWN 11-1-91 DATE REDRAWN _____
DATE REVISED _____ _____

4 X 6 WOOD POST MODIFICATIONS

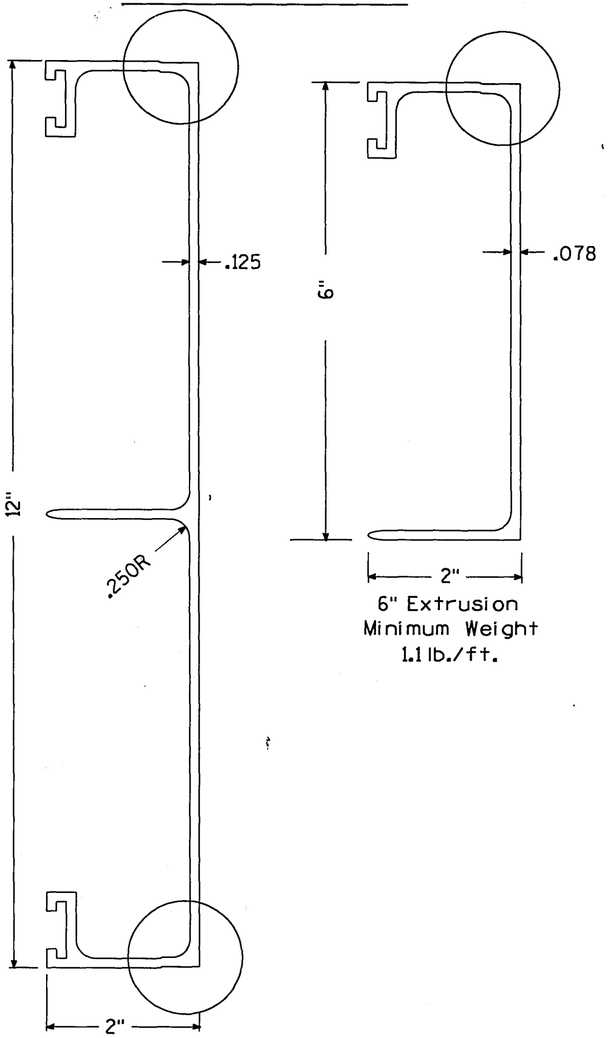
WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____
State Traffic Engineer

DATE 11/5/91 PLATE NO. A4-11.1

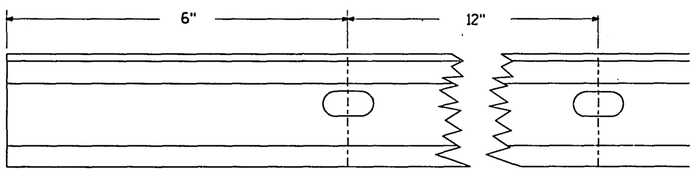
PLOT NAME: A5-2
PLOT SCALE: 2/1
FILE NAME: A5-2
ORIGINATOR: AL WIEDENBECK
LEVELS ON : 1, 2, 5, 10,
58.59.

Extruded Shape

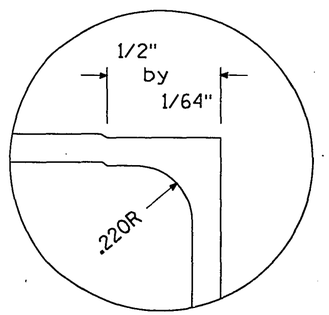


6" Extrusion
Minimum Weight
1.1 lb./ft.

12" Extrusion
Minimum Weight
2.45 lb./ft.



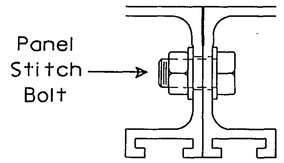
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC, on both edges of 6" and 12" panels.



Hardware

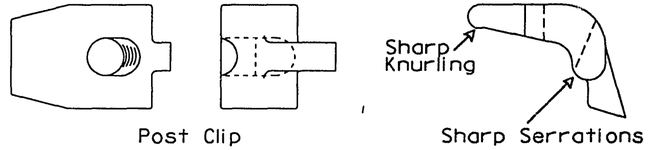
STITCH BOLT, WASHER & NUT

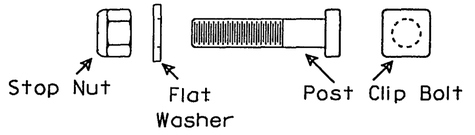
The hardware includes:
3/8" - 16 X 3/4" Economy Bolt 2024-T4 alloy
3/8" - 16 Hex Nut, 6061-T6 alloy.
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Alum. Alloy 2024-T4
Flat washer shall be 3/8" X .091, Alclad 2024-T4 alloy.
Stop nut shall be stainless steel.





NOTES

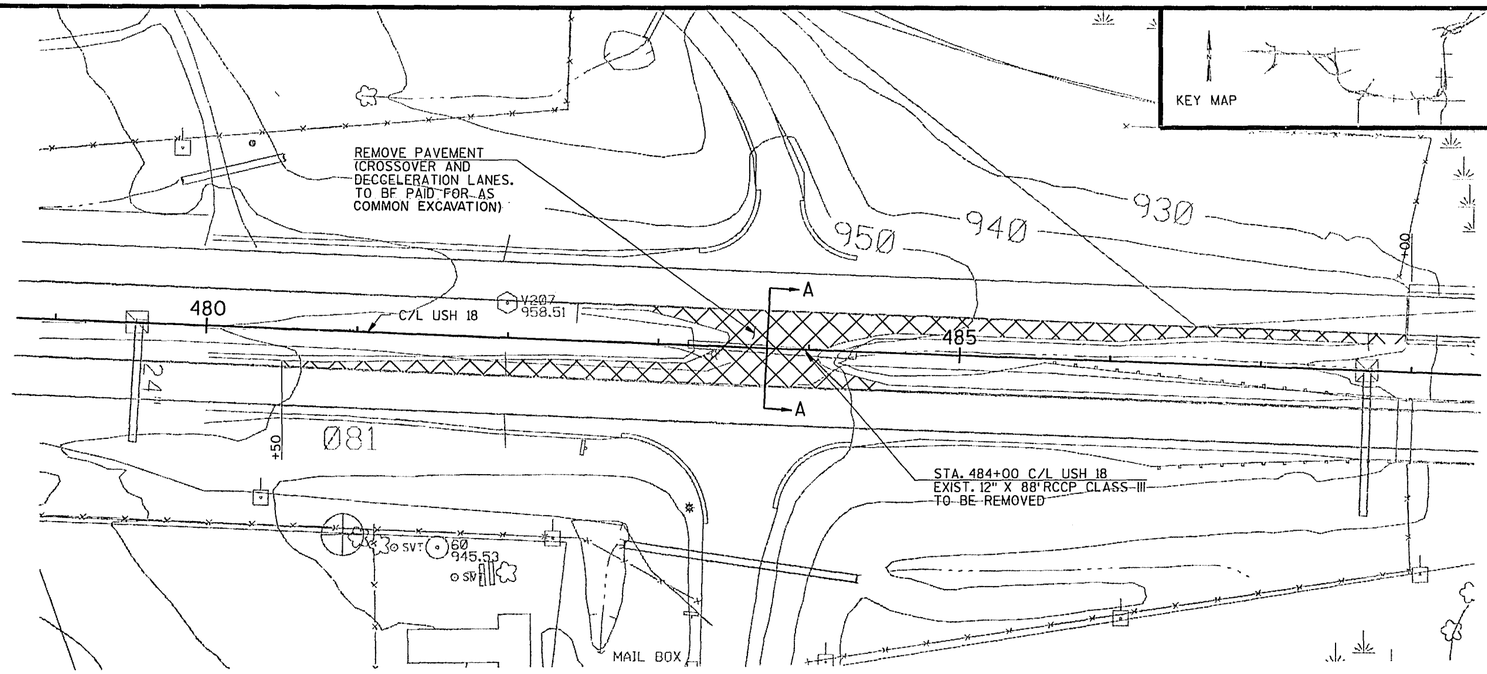
1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.

DATE DRAWN 6-3-87 DATE REDRAWN
DATE REVISED 8-31-92

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
State Traffic Engineer
DATE 11/6/92 PLATE NO. A5-2.7



MEDIAN CROSSOVER REMOVAL AND RESTORATION DETAIL
STA. 480+50 TO STA. 488+00
PLAN VIEW

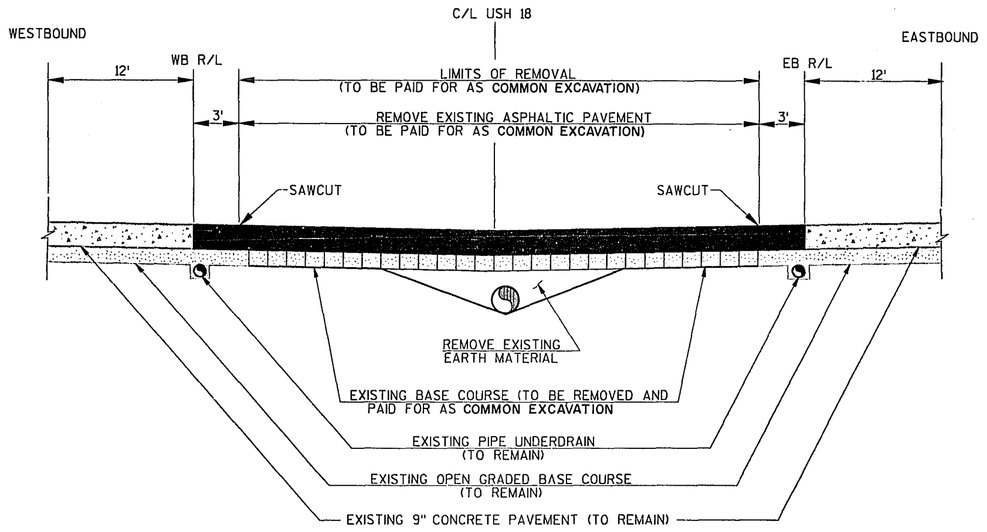
STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.19

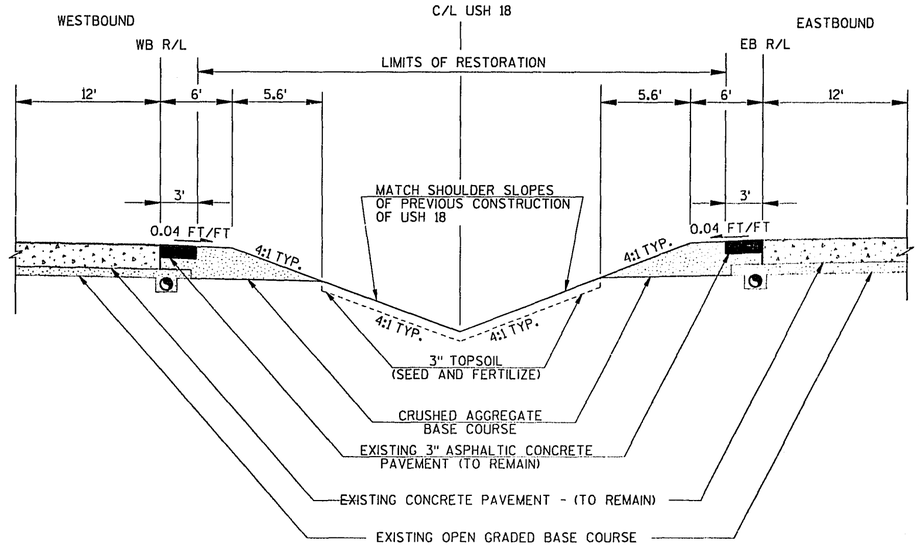
MEDIAN CROSSOVER REMOVAL &
RESTORATION DETAIL

USH 18 DANE COUNTY

NOTE:
1. REMOVAL OF SIDE ROADS TO BE INCLUDED IN COST OF RECONSTRUCTION OF DAIRY RIDGE ROAD AND CTH "G".



MEDIAN CROSSOVER REMOVAL SECTION
SECTION A - A



MEDIAN CROSSOVER RESTORATION SECTION
SECTION A - A

PLOT NAME: RDETAIL.DGN PLOT SCALE: 1"=50'
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
59.60. 28.29. 20. 5/.

FILE NAME: HDGN: RDETAIL.DGN

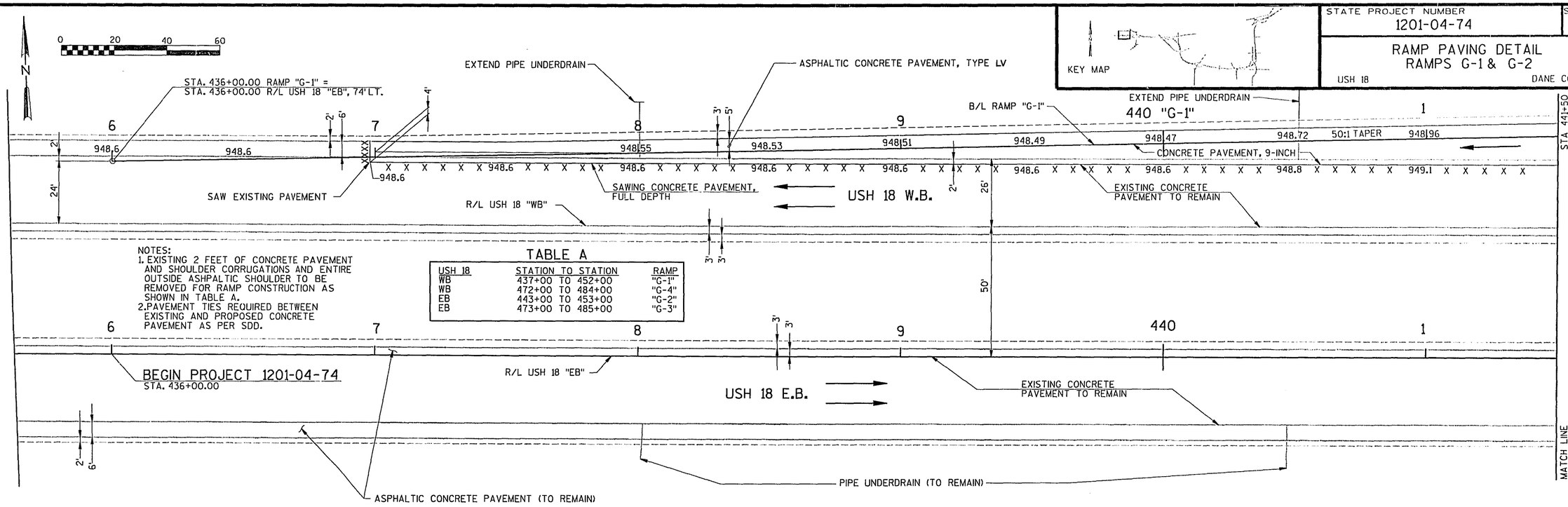
PLOT SCALE: 1"=20
PLOT NAME: RLDGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON

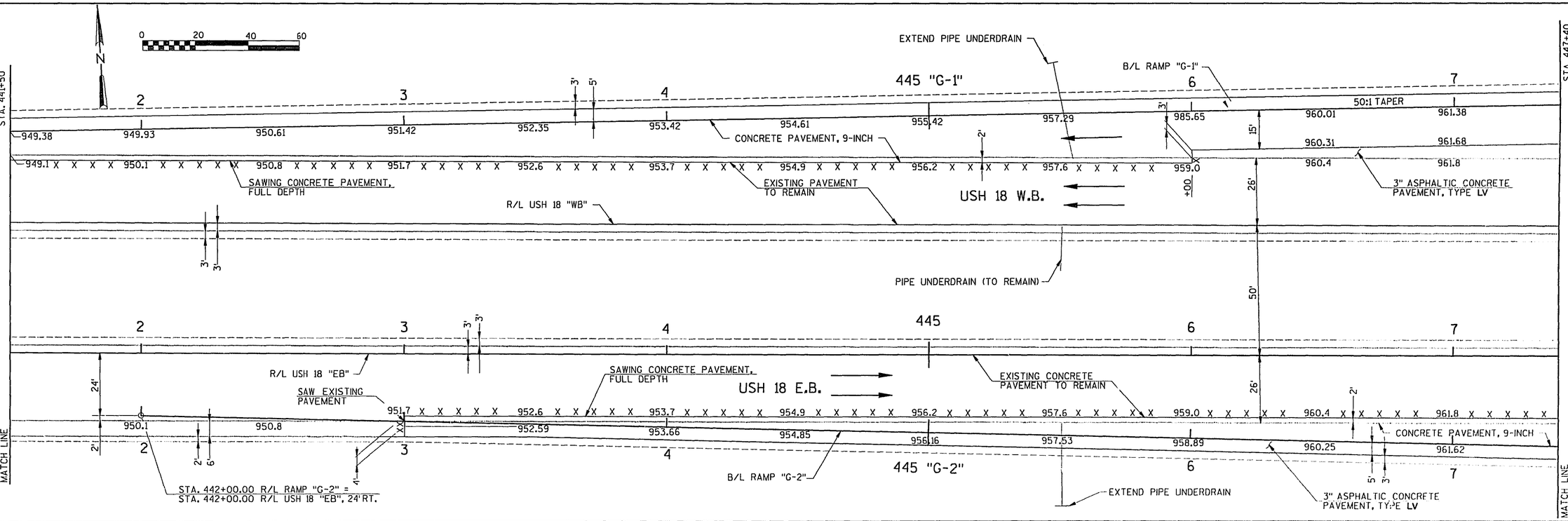
KEY MAP

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 2.20

RAMP PAVING DETAIL RAMPS G-1 & G-2

USH 18 DANE COUNTY





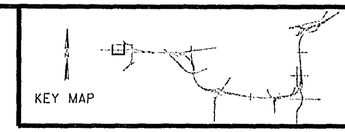
FILE NAME: HDGN: RLDGN
WISDOT/CADDS SHEET 42

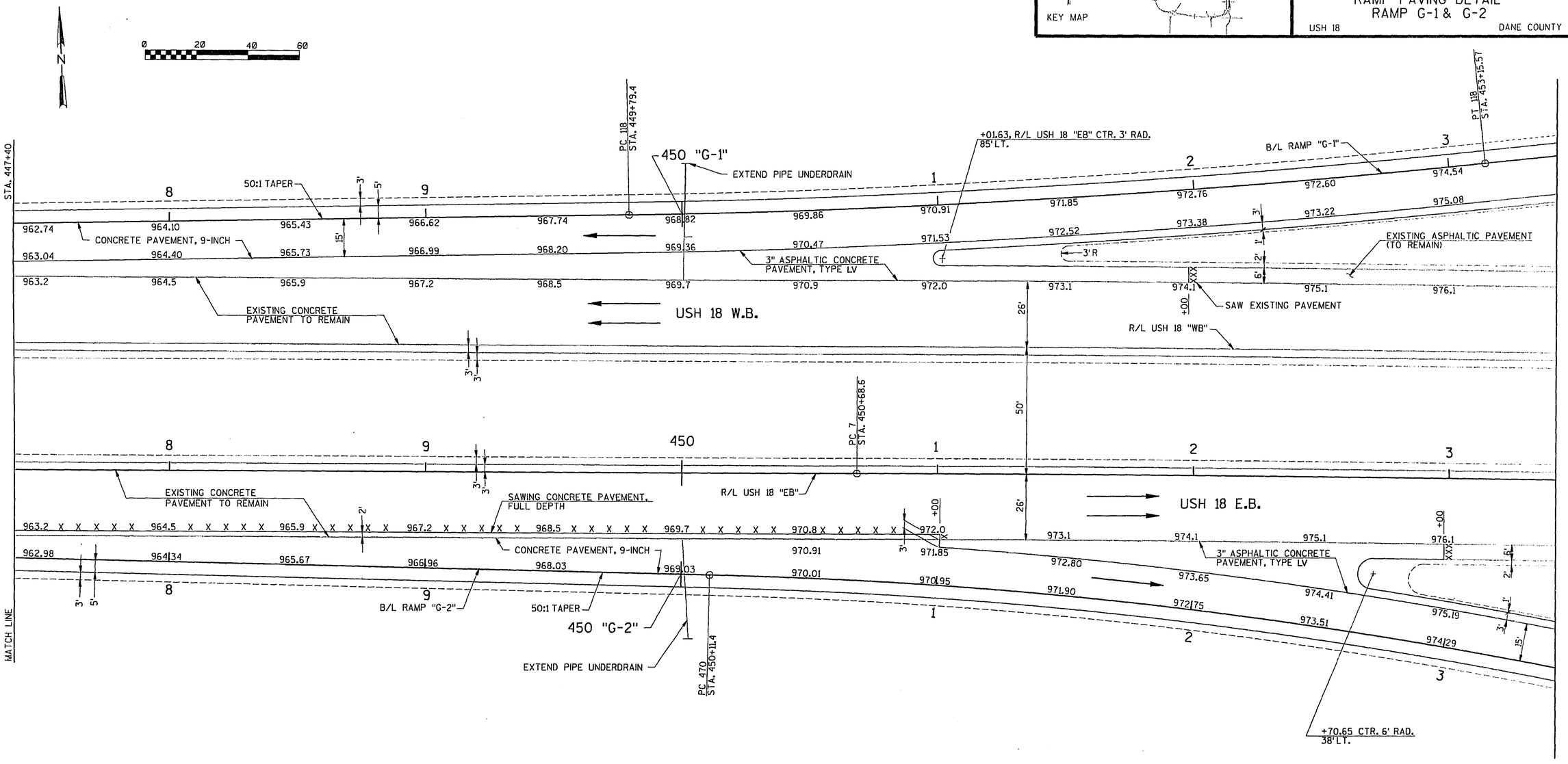
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.21

RAMP PAVING DETAIL
RAMP G-1 & G-2

USH 18 — DANE COUNTY

KEY MAP





2 OF 2

PLOT SCALE: 1"=20'
PLOT NAME: R2.DGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON -
59.60
51
29
20
11

FILE NAME: HDGN: R2.DGN

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.22

RAMP PAVING DETAIL
RAMPS G-3 & G-4

USH 18 — DANE COUNTY

KEY MAP

0 20 40 60

N

470 "G-4"

PC 47
STA. 470+45.7

3" ASPHALTIC CONCRETE PAVEMENT, TYPE LV

CONCRETE PAVEMENT, 9-INCH

B/L RAMP "G-4"

+73.75 CTR 6'R
88'LT

P.C.C. C487/C486
STA. 474+51.8

475 "G-4"

STA. 476+10

SAW EXISTING PAVEMENT

PIPE UNDERDRAIN (TO REMAIN)

XXX

3" ASPHALTIC CONCRETE PAVEMENT, TYPE LV

EXISTING CONCRETE PAVEMENT TO REMAIN

USH 18 W.B.

R/L USH 18 "WB"

PIPE UNDERDRAIN (TO REMAIN)

470

475

EXISTING CONCRETE PAVEMENTTO REMAIN

R/L USH 18 "EB"

USH 18 E.B.

SAW EXISTING PAVEMENT

3" ASPHALTIC CONCRETE PAVEMENT, TYPE LV

PIPE UNDERDRAIN (TO REMAIN)

475 "G-3"

PT 120
STA. 475+59.6

+38.88, CTR. 3' R
35' RT.

PC 120
STA. 473+24.5

CONCRETE PAVEMENT, 9-INCH

3" ASPHALTIC CONCRETE PAVEMENT, TYPE LV

B/L RAMP "G-3"

470 "G-3"

MATCH LINE

59.60.
51.
29.
20.

LEVELS ON -

PLOT SCALE: 1"=20'

PLOT NAME: R3.DGN

REV. DATE: 11-30-92

ORIGINATOR: J.A.PIERONI

1 OF 2

FILE NAME: HDGN: R3.DGN

WISDOT/CADDS SHEET 42

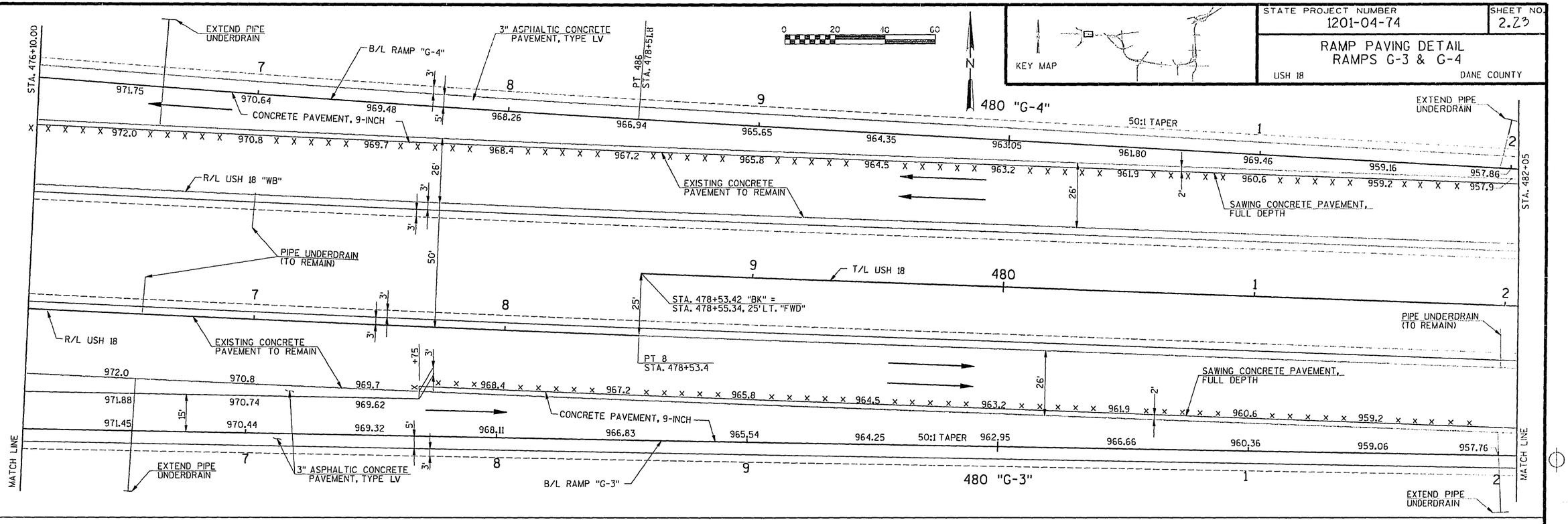
STATE PROJECT NUMBER
1201-04-74

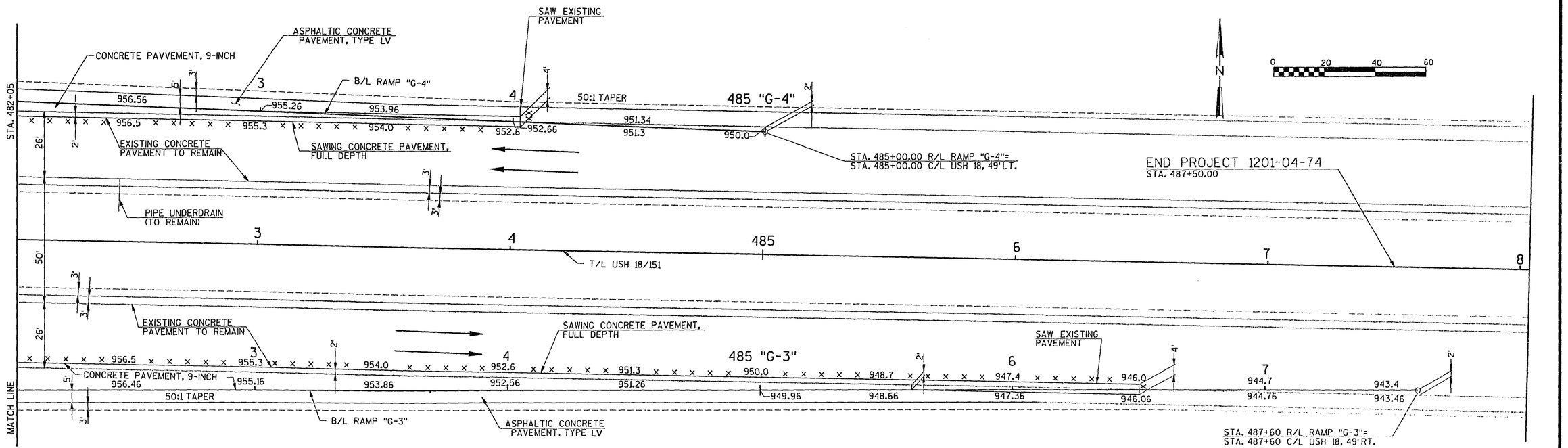
SHEET NO.
2.23

RAMP PAVING DETAIL
RAMPS G-3 & G-4

USH 18 DANE COUNTY

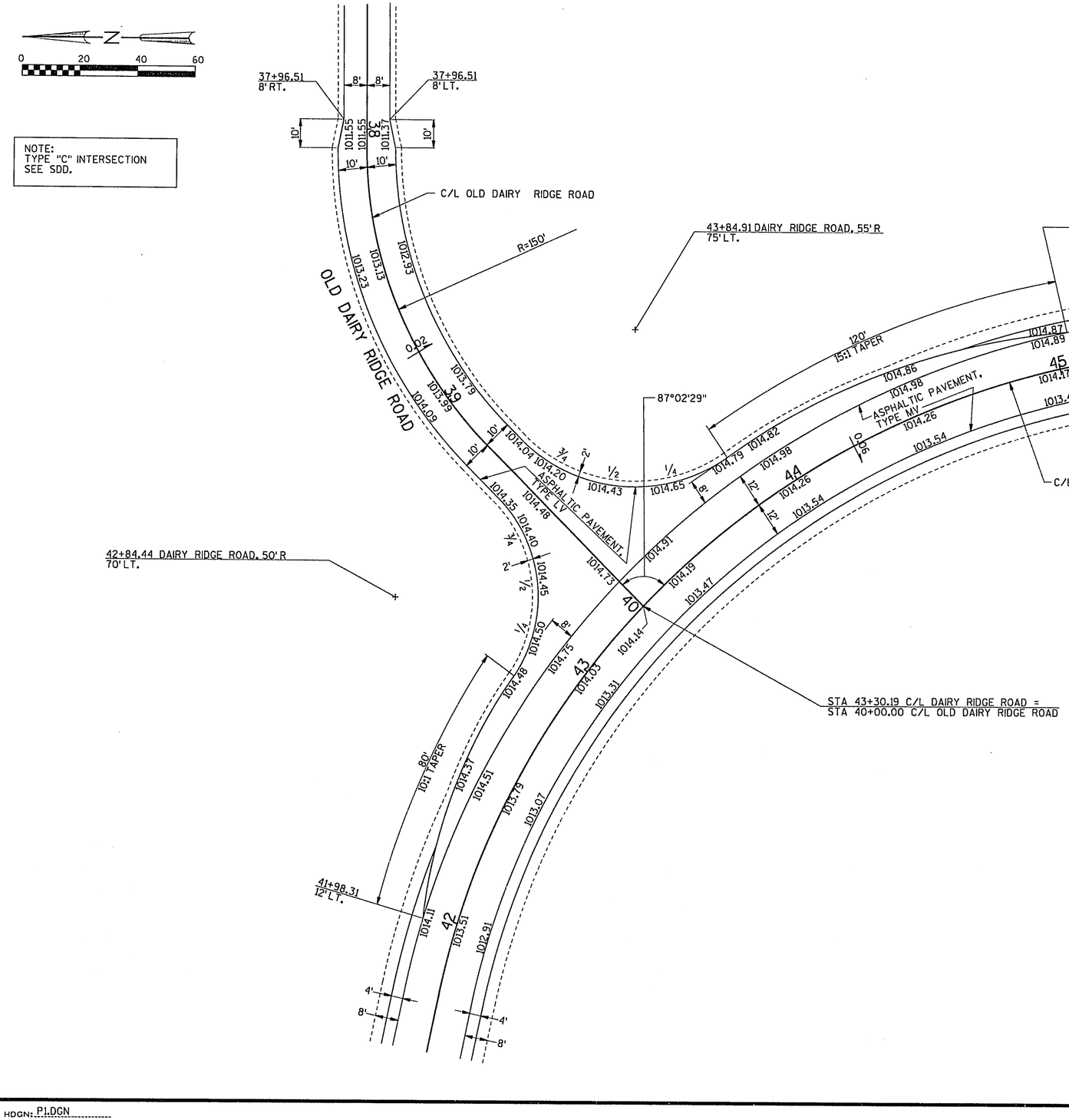
KEY MAP





2 OF 2

PLOT SCALE: 1"=20'
PLOT NAME: R4.DGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN: R4.DGN



STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.24

INTERSECTION PAVING DETAIL
DAIRY RIDGE ROAD

USH 18 DANE COUNTY

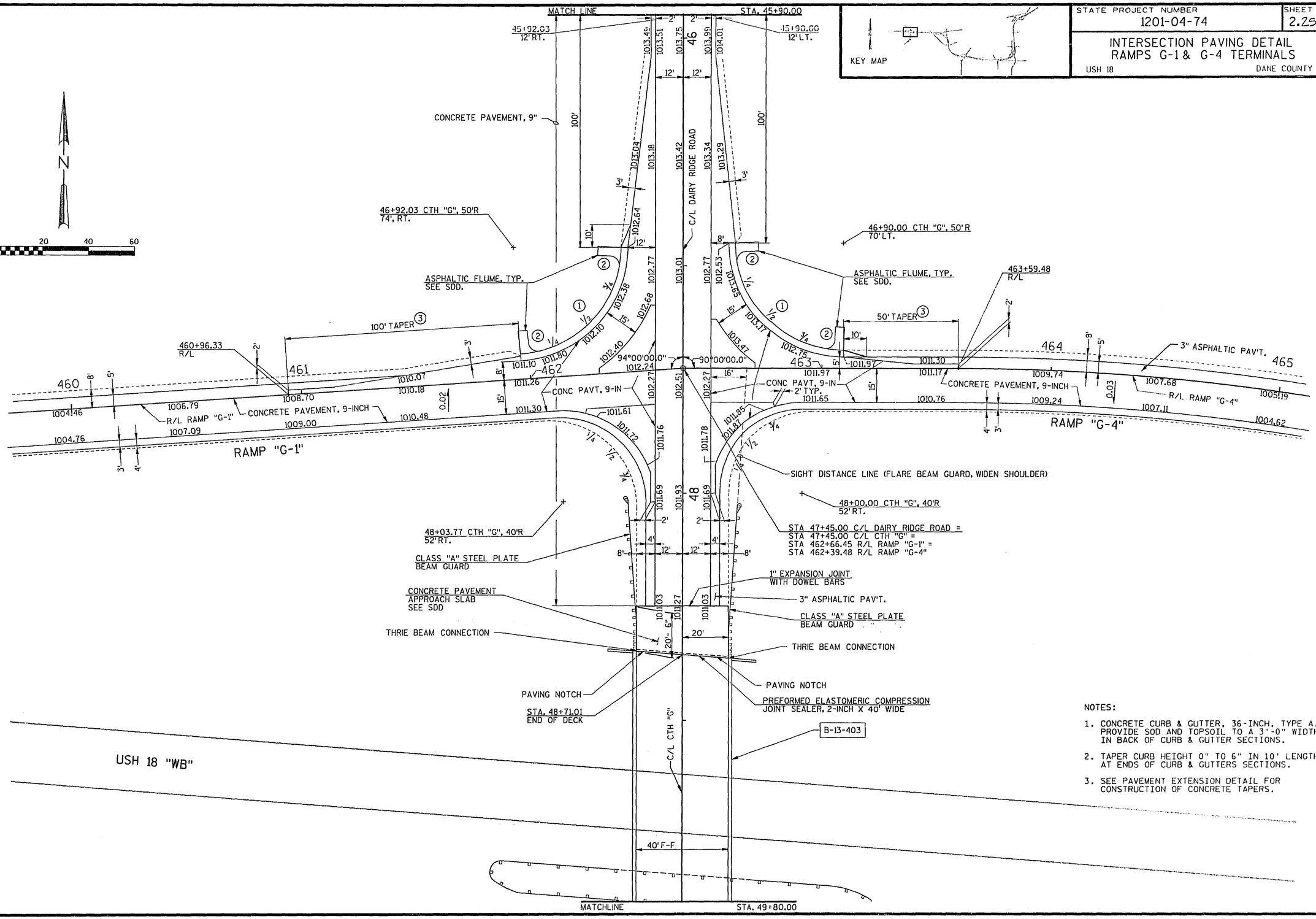
PLOT SCALE: 1"=20'
PLOT NAME: PLDGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
59.60. 51. 28. 29. 20.
FILE NAME: HDGN: P1.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.25

INTERSECTION PAVING DETAIL
RAMPS G-1 & G-4 TERMINALS

USH 18 — DANE COUNTY

KEY MAP



NOTES:

1. CONCRETE CURB & GUTTER, 36-INCH, TYPE A. PROVIDE SOD AND TOPSOIL TO A 3'-0" WIDTH IN BACK OF CURB & GUTTER SECTIONS.
2. TAPER CURB HEIGHT 0" TO 6" IN 10' LENGTH AT ENDS OF CURB & GUTTERS SECTIONS.
3. SEE PAVEMENT EXTENSION DETAIL FOR CONSTRUCTION OF CONCRETE TAPERS.

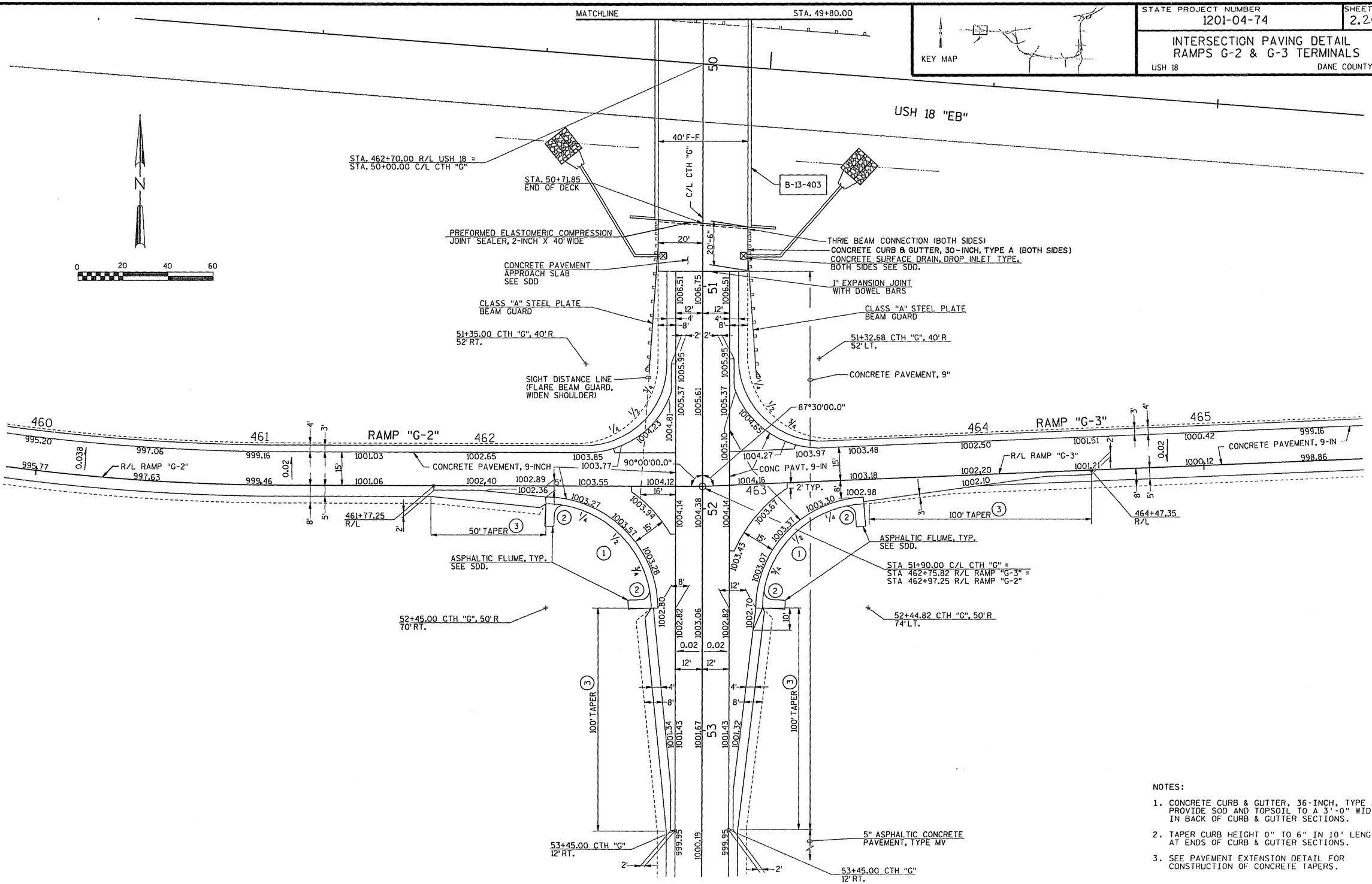
PLOT SCALE: 1"=20'
PLOT NAME: P2.DGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN:_P2.DGN

STATE PROJECT NUMBER 1201-04-74
SHEET NO. 2.26

INTERSECTION PAVING DETAIL RAMPS G-2 & G-3 TERMINALS

USH 18 DANE COUNTY

KEY MAP



NOTES:

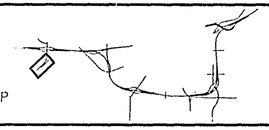
1. CONCRETE CURB & GUTTER, 36-INCH, TYPE A. PROVIDE SOD AND TOPSOIL TO A 3'-0" WIDTH IN BACK OF CURB & GUTTER SECTIONS.
2. TAPER CURB HEIGHT 0" TO 6" IN 10' LENGTH AT ENDS OF CURB & GUTTER SECTIONS.
3. SEE PAVEMENT EXTENSION DETAIL FOR CONSTRUCTION OF CONCRETE TAPERS.

PLOT SCALE: 1'=20'
PLOT NAME: P3.DGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON: 59,60, 51, 35, 31, 28,29, 20,

FILE NAME: HDGN: P3.DGN

PLOT SCALE: 1"=20'
PLOT NAME: P4.DGN
REV. DATE: 11-05-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 2

KEY MAP

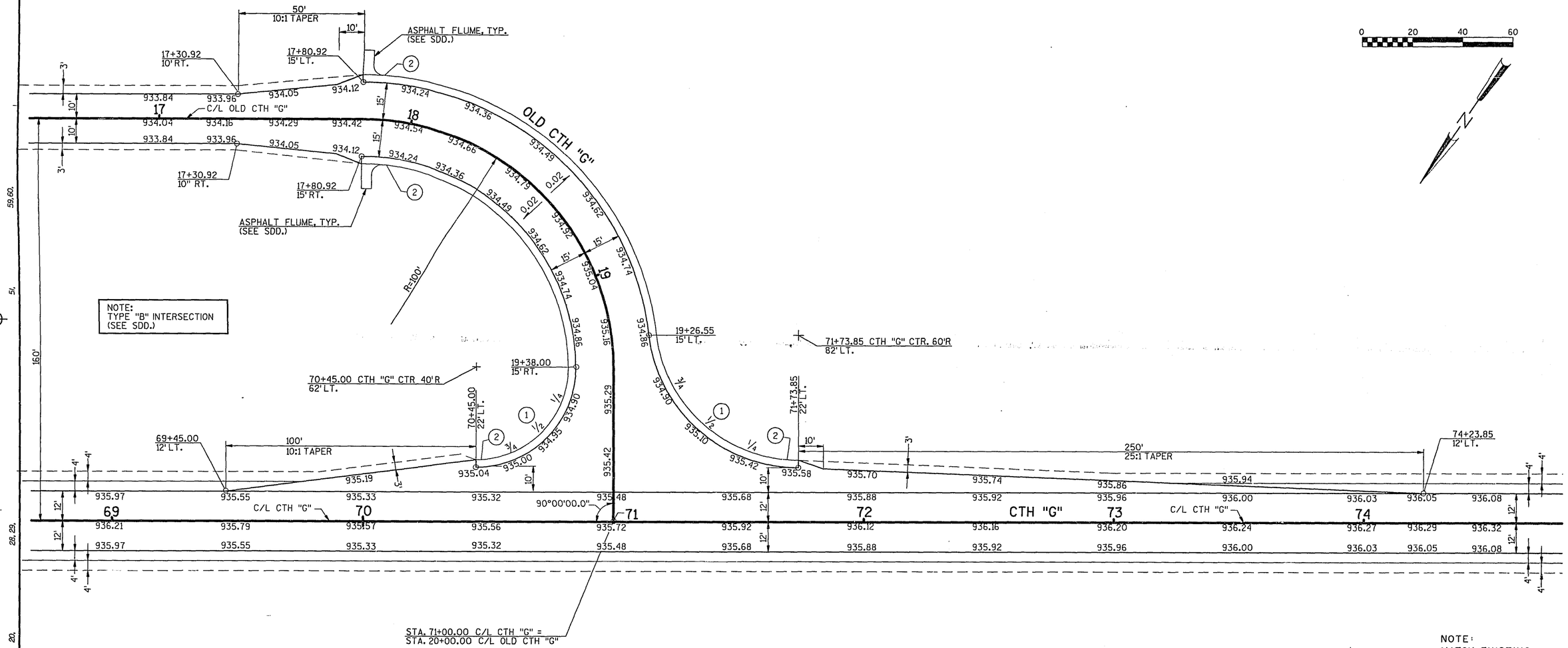


STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.27

INTERSECTION PAVING DETAIL
CTH "G" - OLD CTH "G"

USH 18 DANE COUNTY



NOTES:

1. CONCRETE CURB & GUTTER, 36-INCH, TYPE D. PROVIDE SOD AND TOPSOIL TO A 3'-0" WIDTH IN BACK OF CURB & GUTTER SECTIONS.
2. TAPER CURB HEIGHT 0" TO 6" IN 10' LENGTH AT END OF CURB & GUTTER SECTIONS.

NOTE:
MATCH EXISTING
STA. 75'G'+00.

KEY MAP

STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.28

GRADING CONTOURS

USH 18 DANE COUNTY

N

0 100 200 300

"G-1" R/L LINE

R/L USH 18 E.B.

CTH "G" C/L LINE

"G-4" R/L LINE

"G-2" R/L LINE

"G-3" R/L LINE

CTH "G" C/L LINE

R/L USH 18 E.B.

PLOT SCALE: 1"=100'

PLOT NAME: GRADEG.DGN

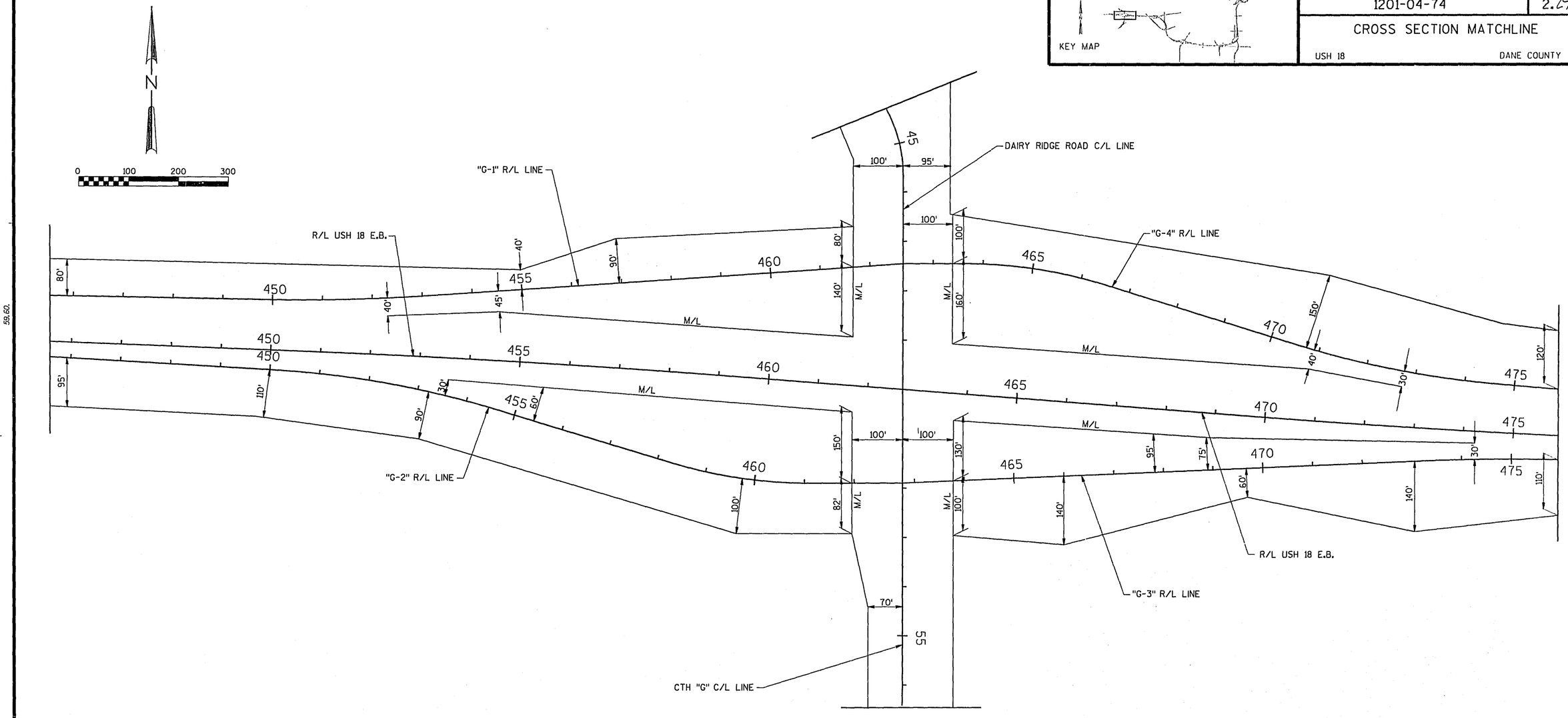
REV. DATE: 11-30-92

ORIGINATOR: J.A.PIERONI

59.60

LEVELS ON -

FILE NAME: HDGN: GRADEG.DGN



STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.29

CROSS SECTION MATCHLINE

USH 18 DANE COUNTY

PLOT SCALE: 1"=100'

PLOT NAME: XSECPLN.DGN

59.60.

REV. DATE: 12-01-92

ORIGINATOR: J.A.PIERONI

LEVELS ON -

FILE NAME: HDGN: XSECPLN.DGN

WISDOT/CADDS SHEET 42

PLOT SCALE: 1"=100'
PLOT NAME: DLDGN
REV. DATE: 10-27-92
ORIGINATOR: J.A.PIERONI

KEY MAP

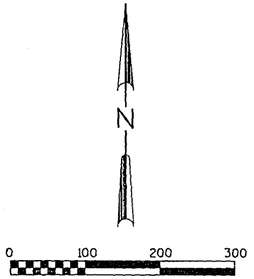


STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.30

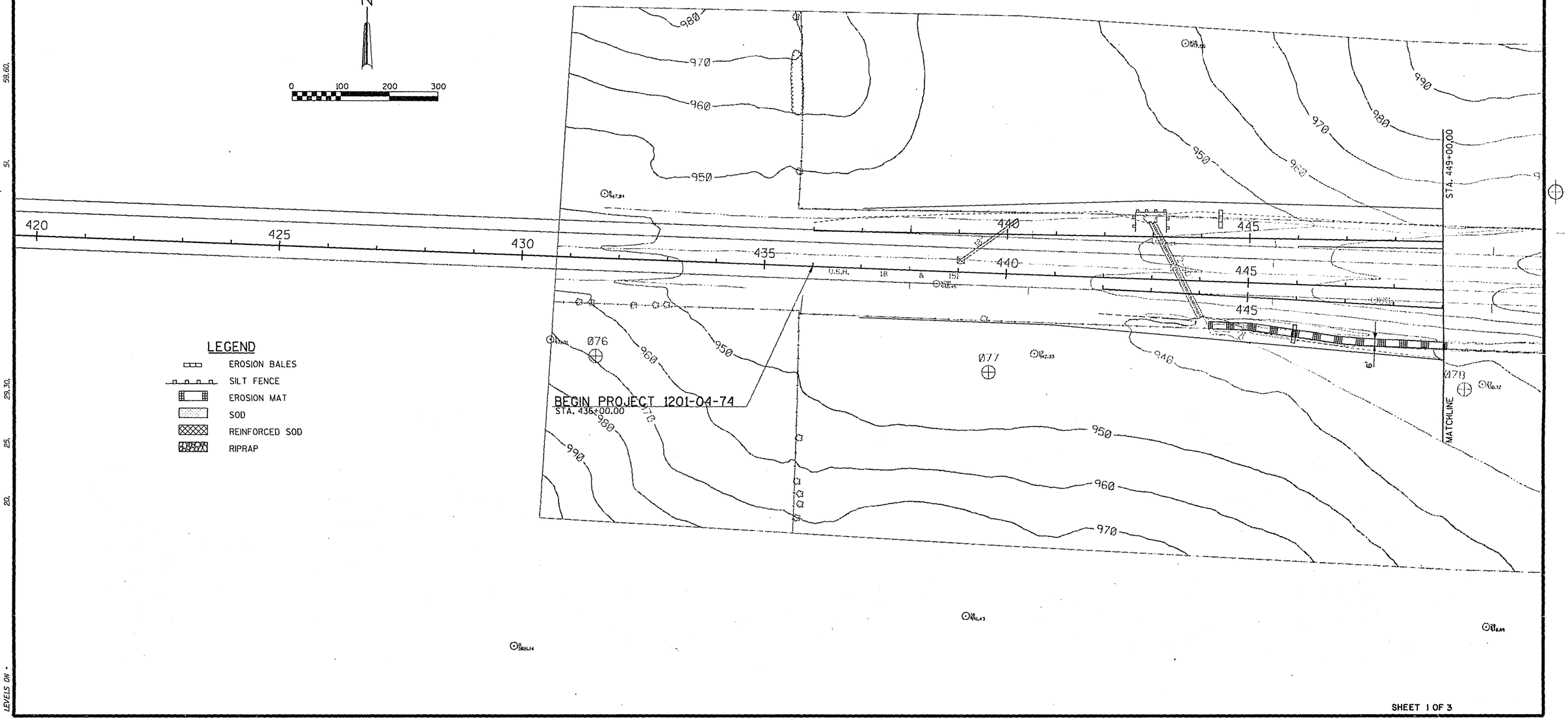
DRAINAGE & EROSION CONTROL PLAN

USH 18 DANE COUNTY



LEGEND

- EROSION BALES
- SILT FENCE
- EROSION MAT
- SOD
- REINFORCED SOD
- RIPRAP



SHEET 1 OF 3

FILE NAME: HDGN: 01.DGN

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.31

DRAINAGE & EROSION CONTROL PLAN

USH 18 — DANE COUNTY

KEY MAP

STA. 449+00.00

STA. 478+00.00

MATCHLINE

MATCHLINE

STA. 57+00.00

U.S.H. 18 & 151

SOD (TYP.)

G-1 G-2 G-3 G-4

C486

LEGEND

- EROSION BALES
- SILT FENCE
- EROSION MAT
- SOD
- REINFORCED SOD
- RIPRAP

SHEET 2 OF 3

PLOT SCALE: 1"=100'

PLOT NAME: D2.DGN

REV. DATE 12-01-92

ORIGINATOR: J.A.PIERONI

LEVELS ON • 59.60, 51, 29.30.31, 25, 20,

FILE NAME: HDGN: D2.DGN

PLOT SCALE: 1"=100'

PLOT NAME: D3.DGN

REV. DATE: 11-29-92

ORIGINATOR: J.A.PIERONI

LEVELS ON •

FILE NAME: HDGN: D3.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.32

DRAINAGE & EROSION CONTROL PLAN

USH 18 — DANE COUNTY

KEY MAP

STA. 478+00.00

MATCHLINE

END PROJECT 1201-04-74
STA. 487+50.00

LEGEND

- EROSION BALES
- SILT FENCE
- EROSION MAT
- SOD
- REINFORCED SOD
- RIPRAP

CONSTRUCT SEDIMENT BASINS
SEE CONSTRUCTION DETAILS

SOD (TYP.)

N

0 100 200 300

SHEET 3 OF 3

WISDOT/CADDS SHEET 42

PLOT SCALE: 1"=100'
PLOT NAME: 74SGN1.DGN
REV. DATE: 10-27-92
ORIGINATOR: J.A.PIERONI

KEY MAP

STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.12

SIGNING DETAILS

USH 18 DANE COUNTY

N

0 100 200 300

USH 18 WB

USH 18 EB

59.60

51

EXIT 88
G
Dairy Ridge Rd
1 MILE
1A-B

E1-1a(5)
E1-5(5)
STA. 389+20

LEGEND

- SIGN/SIGNS ON ONE OR MORE WOOD POSTS
- SIGN/SIGNS ON TWO OR MORE STEEL POSTS
- (XXX) SIGN NUMBER
- STANDARD DOUBLE-UNIT DELINEATOR
- STANDARD SINGLE-UNIT DELINEATOR

29.30

20

LEVELS ON *

29 R2-1(5) "55 M.P.H"

28 WEST 18 SOUTH 151
J4-2(5)

USH 18 WB

420 425 430 435 440 445

USH 18 EB

445

STA. 449+00

MATCH LINE

BEGIN PROJECT 1201-04-74
STA. 436+00.00

EXIT 88
G
Dairy Ridge Rd
2A-B

E4-1a(5)
E1-5(5)

N

0 100 200 300

SHEET 1 OF 3

FILE NAME: HDGN: 74SGN1.DGN

WISDOT/CADDS SHEET 42

PLOT NAME: 74SGN2.DGN PLOT SCALE: 1"=100'
REV. DATE: 9-29-92
ORIGINATOR: J.A.PIERONI

KEY MAP

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.34

SIGNING DETAILS

USH 18 DANE COUNTY

DAIRY RIDGE ROAD
OLD DAIRY RIDGE ROAD
RAMP G-1
RAMP G-2
RAMP G-3
RAMP G-4
USH 18 WB
USH 18 EB
C.T.H. G
MATCH LINE
MATCHLINE
STA. 449+00
STA. 478+00
STA. 57+00

W1-1R(2) 50
W13-1(2) "30 MPH" 51
JCT 18 151 COUNTY G — J1-3(2) — 52
EAST NORTH 18 151 COUNTY G — J2-2(2) J12-1(2) — 55
WEST SOUTH 18 151 — J2-2(2) — 53
54
Madison / Mt. Horeb — D1-2(2) — 56
EAST NORTH 18 151 — J2-2(2) — 60
COUNTY G — J13-1(2) — 59
WEST SOUTH 18 151 — J3-2(2) — 57
R5-57(5) 26
W4-1(5) 27
R3-2(2) 58
103 R1-1(2)
101 W1-1L(2)
102 W13-1(2) "20 MPH"
100 W3-1(2)
104 W14-1(2)
112 W1-6(2)
113 W1-6(2)
79 W1-1L(2)
80 W13-1(2) "30 MPH"
19 ⇦ Mt. Vernon / Dairy Ridge Rd. ⇨ — D1-2(3)
25 R5-1(2)
24 R1-1(3)
23 R1-1(3)
22 R6-2R(2)
30 R6-2L(2)
31 R5-1(2)
78 WEST SOUTH 18 151 — J3-2(2)
21 R5-9(3)
20 R5-9(3)
18 COUNTY G — J12-1(2)
17 W3-1(3)
16 E5-1A(5) "88"
C486
77 W5-52L(2)
76 ⇦ Mt. Horeb — D1-1(2)
W5-52R(2) 61
W3-1(3) 4
E5-1A(5) "88" 3
Madison — D1-1(2) — 62
R5-9(3) 7
W5-52L(2) 63
COUNTY G — J12-1(2) — 5
75 W5-52R(2)
R5-9(3) 8
⇦ Dairy Ridge Rd. — D1-1(3) — 6
EAST NORTH 18 151 — J3-2(2) — 64
13 R5-57(5)
14 W4-1(5)
73 R3-2(2)
74 WEST SOUTH 18 151 — J2-2(2)
72 EAST NORTH 18 151 — J3-2(2)
55
71 ⇧ Mt. Horeb / Madison ⇨ — D1-2(2)
COUNTY G — MI-5a(2) — 68
70 WEST SOUTH EAST NORTH 18 151 18 151 — J2-4(2)
R6-2L(2) 65
R6-2R(2) 67
66 R5-1(2)
R1-1(3) 9
R1-1(3) 10
COUNTY G — J13-1(2) — 11
R5-1(2) 12

LEGEND

- SIGN/SIGNS ON ONE OR MORE WOOD POSTS
- SIGN/SIGNS ON TWO OR MORE STEEL POSTS
- (XXX) SIGN NUMBER
- STANDARD DOUBLE-UNIT DELINEATOR
- STANDARD SINGLE-UNIT DELINEATOR

N

0 100 200 300

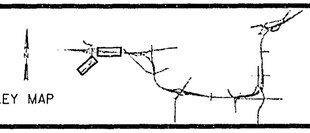
LEVELS ON 59,60, 29,30, 20, 5,

FILE NAME: HDGN:74SGN2.DGN

SIGNING DETAILS

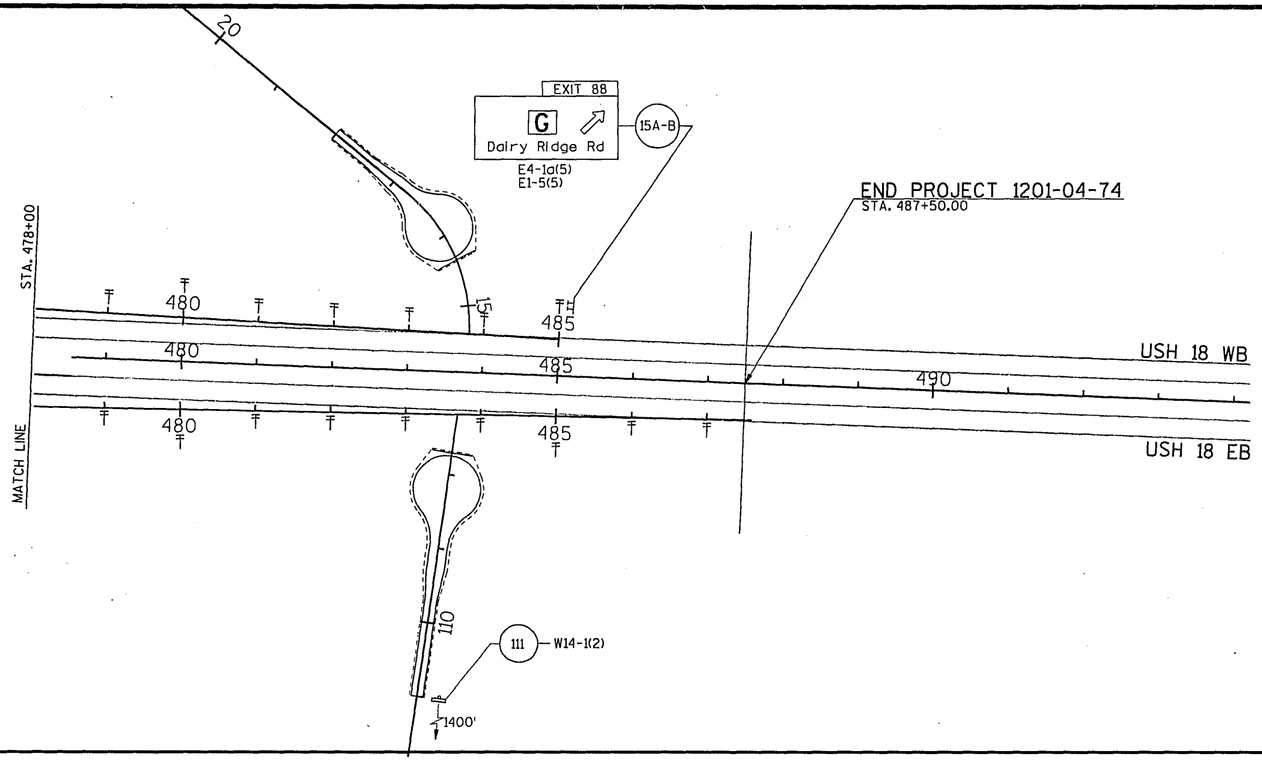
USH 18 — DANE COUNTY

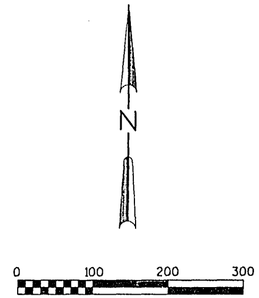
KEY MAP

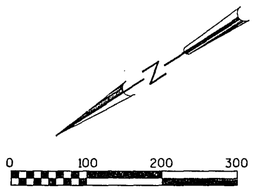


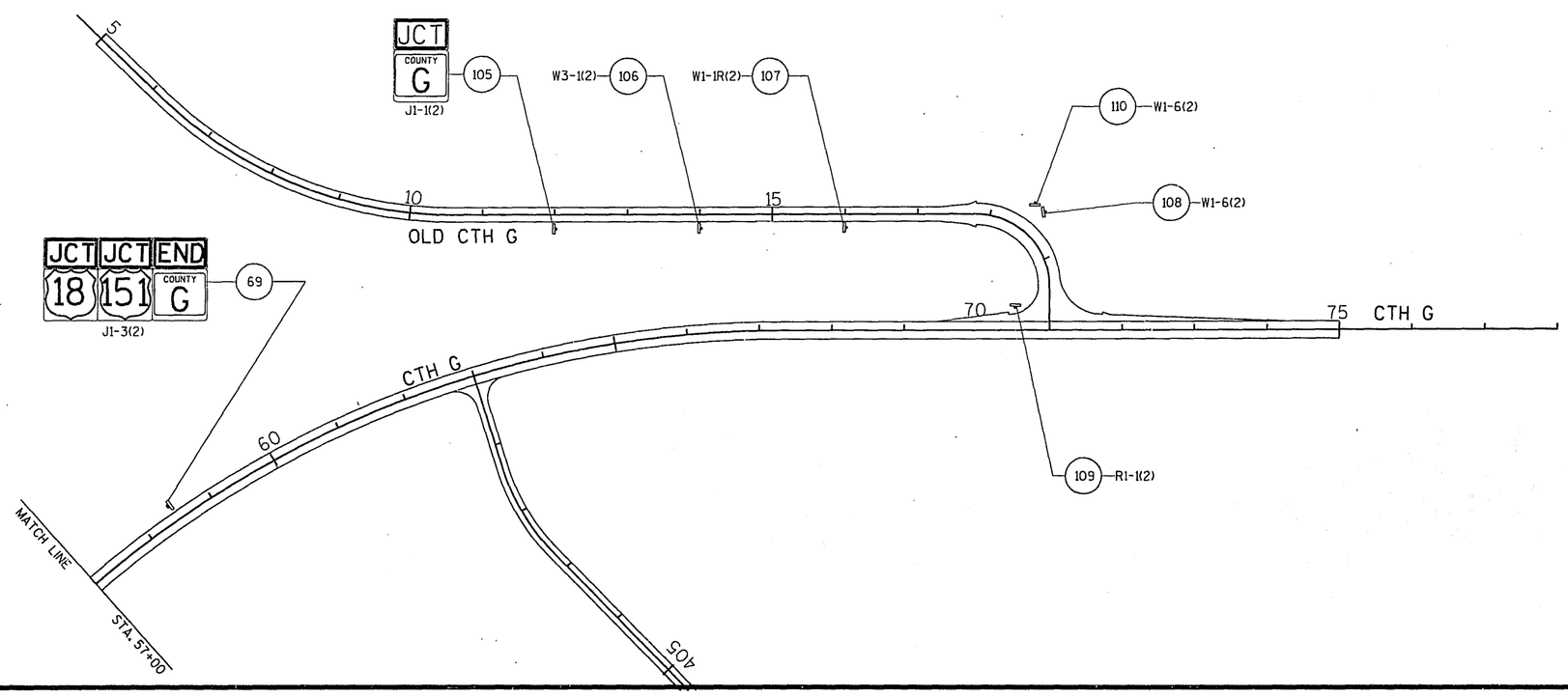
LEGEND

- SIGN/SIGNS ON ONE OR MORE WOOD POSTS
- SIGN/SIGNS ON TWO OR MORE STEEL POSTS
- (XXX) SIGN NUMBER
- STANDARD DOUBLE-UNIT DELINEATOR
- STANDARD SINGLE-UNIT DELINEATOR

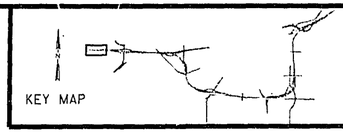








PLOT NAME: 74SGN3.DGN PLOT SCALE: 1"=100'
REV. DATE: 10-23-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 59,60, 51, 29,30, 20,
FILE NAME: HDGN: 74SGN3.DGN

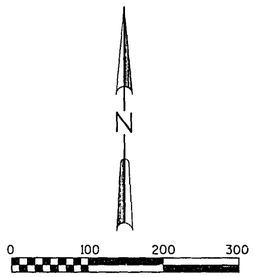


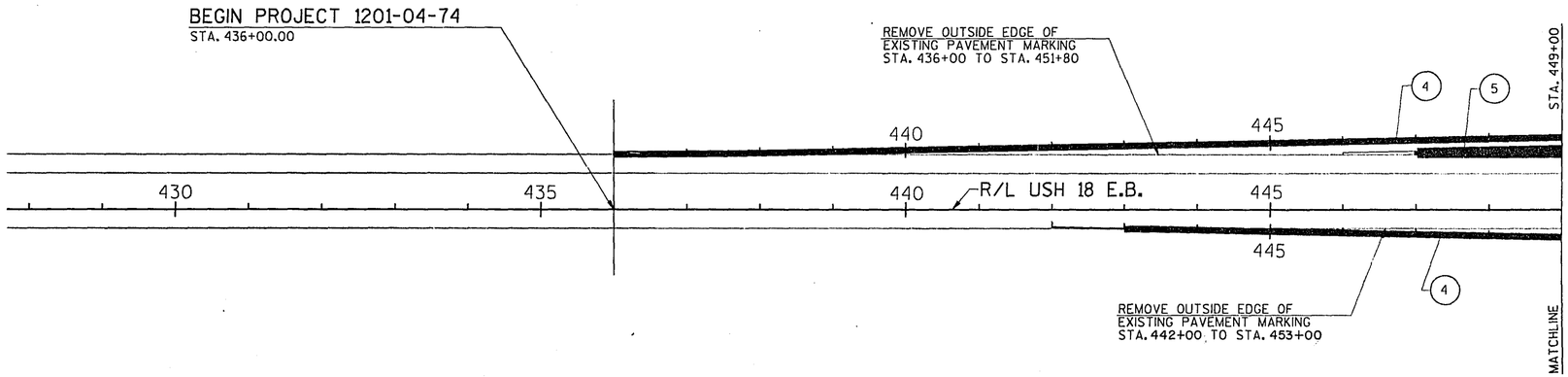
STATE PROJECT NUMBER
1201-04-74

SHEET NO.
2.36

PAVEMENT MARKING PLAN

USH 18 DANE COUNTY





LEGEND

PAVEMENT MARKING, EPOXY

(1) CENTERLINE, 4-INCH YELLOW
(2) EDGE LINE, 4-INCH YELLOW
(3) LANE LINE, 4-INCH WHITE
(4) EDGE LINE, 4-INCH WHITE
(5) CHANNELIZING, 8-INCH, WHITE
(6) DIAGONAL, 24-INCH, WHITE @ 25' SPACING
(8) STOPLINE, 24-INCH
(13) ARROWS, TYPE 4
(15) RAISED PAVEMENT MARKERS

NOTES:

SEE STANDARD DETAIL DRAWINGS FOR:

1. PAVEMENT MARKING SYMBOLS.
2. PAVEMENT MARKING (MAINLINE & INTERSECTIONS).
3. PAVEMENT MARKING (RAMPS & GORES).
4. RAISED PAVEMENT MARKERS (RAMPS & ARROWS).
5. RAISED PAVEMENT MARKERS (CASTING & SAW CUT DETAILS)
6. STOPLINES TO BE LOCATED BY ENGINEER IN THE FIELD, IN ACCORDANCE WITH MUTCD.

SHEET 1 OF 3

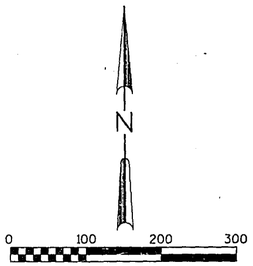
PLOT NAME: MARK1.DGN PLOT SCALE: 1"=100'
REV. DATE: 9-01-92
ORIGINATOR: J.A.PIERONI
59.60. 51. 29.30. 20. LEVELS ON
FILE NAME: HDGN: MARK1.DGN
WISDOT/CADDS SHEET 42

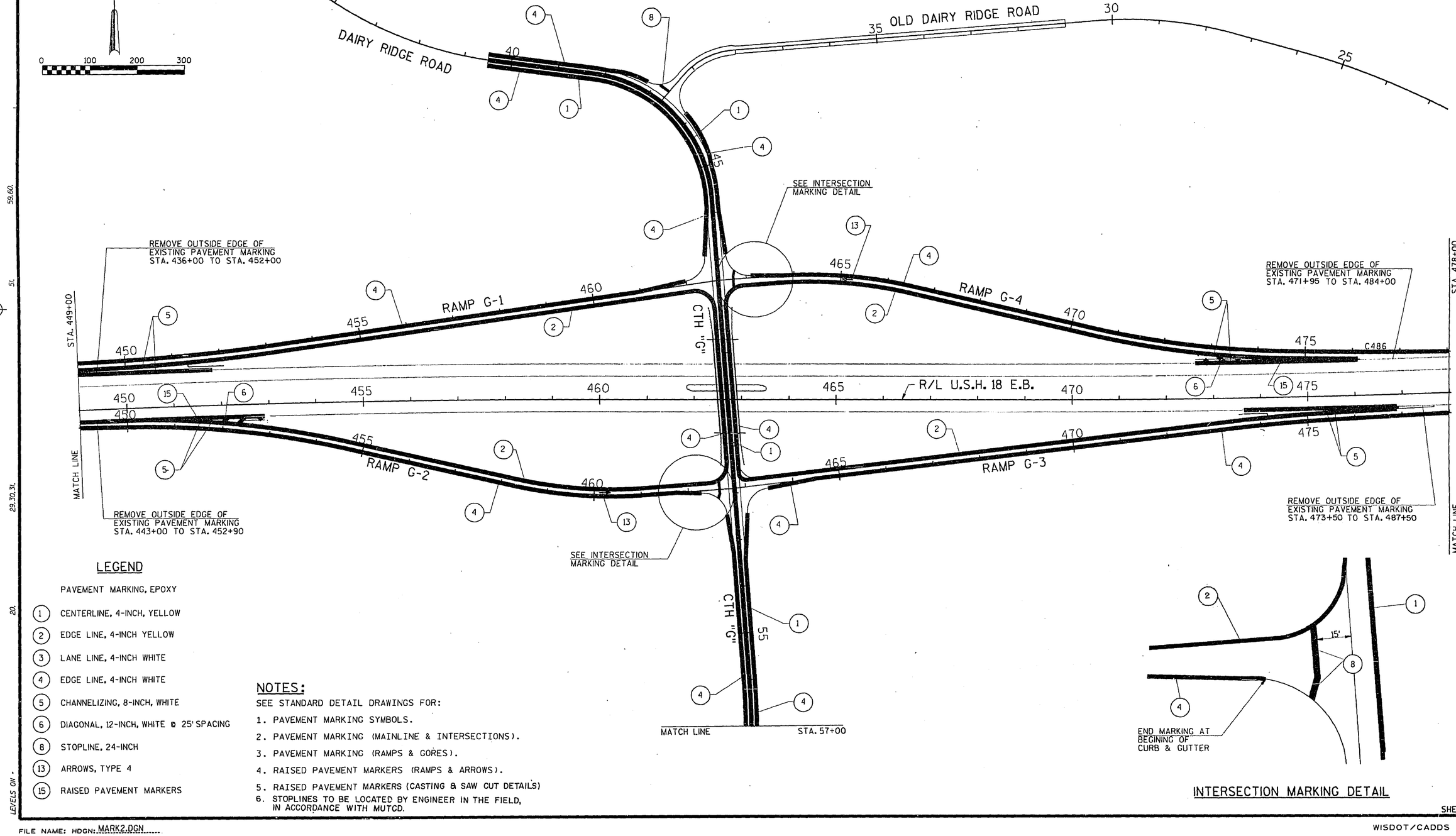
PAVEMENT MARKING PLAN

USH 18 — DANE COUNTY

KEY MAP







LEGEND

PAVEMENT MARKING, EPOXY

(1) CENTERLINE, 4-INCH, YELLOW
(2) EDGE LINE, 4-INCH YELLOW
(3) LANE LINE, 4-INCH WHITE
(4) EDGE LINE, 4-INCH WHITE
(5) CHANNELIZING, 8-INCH, WHITE
(6) DIAGONAL, 12-INCH, WHITE @ 25' SPACING
(8) STOPLINE, 24-INCH
(13) ARROWS, TYPE 4
(15) RAISED PAVEMENT MARKERS

NOTES:

SEE STANDARD DETAIL DRAWINGS FOR:

1. PAVEMENT MARKING SYMBOLS.
2. PAVEMENT MARKING (MAINLINE & INTERSECTIONS).
3. PAVEMENT MARKING (RAMPS & GORES).
4. RAISED PAVEMENT MARKERS (RAMPS & ARROWS).
5. RAISED PAVEMENT MARKERS (CASTING & SAW CUT DETAILS)
6. STOPLINES TO BE LOCATED BY ENGINEER IN THE FIELD, IN ACCORDANCE WITH MUTCD.

INTERSECTION MARKING DETAIL

PLOT SCALE: 1"=100'
PLOT NAME: MARK2.DGN
REV. DATE: 9-28-92
ORIGINATOR: J.A.PIERONI
LEVELS ON: 59,60, 51, 29,30,31, 20,
FILE NAME: HDGN: MARK2.DGN
WISDOT/CADDS SHEET 42

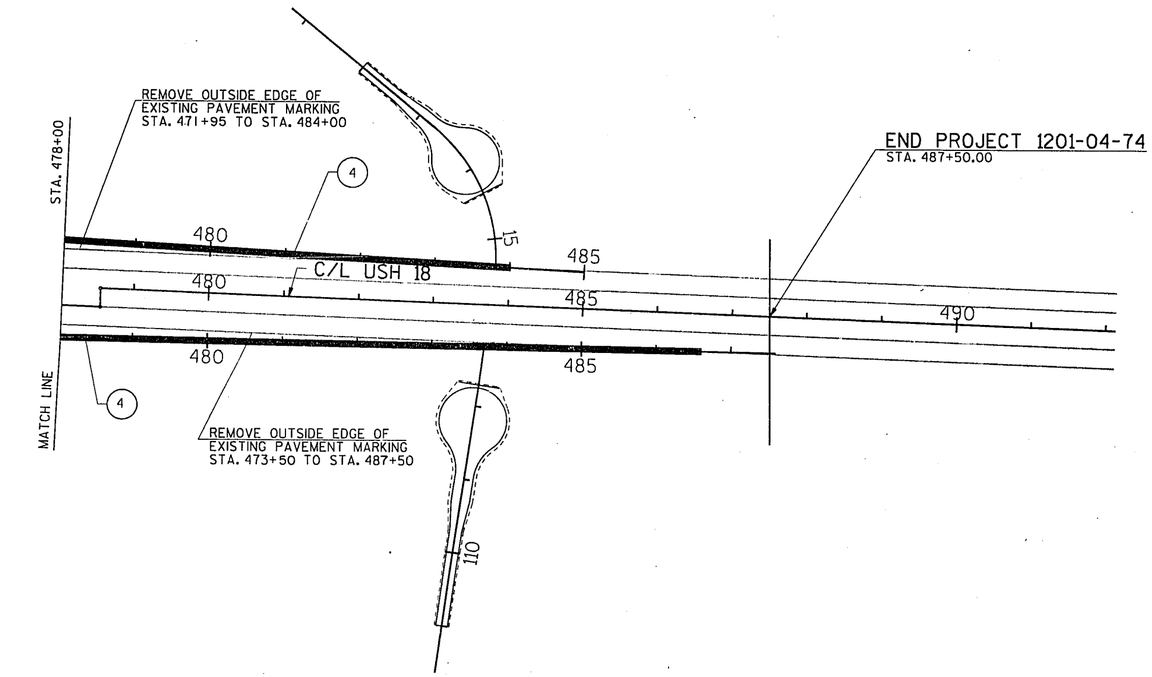
PLOT SCALE: 1"=100'
PLOT NAME: MARK4.DGN
REV. DATE: 9-28-92
ORIGINATOR: J.A.PIERONI

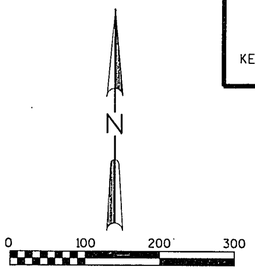
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.38

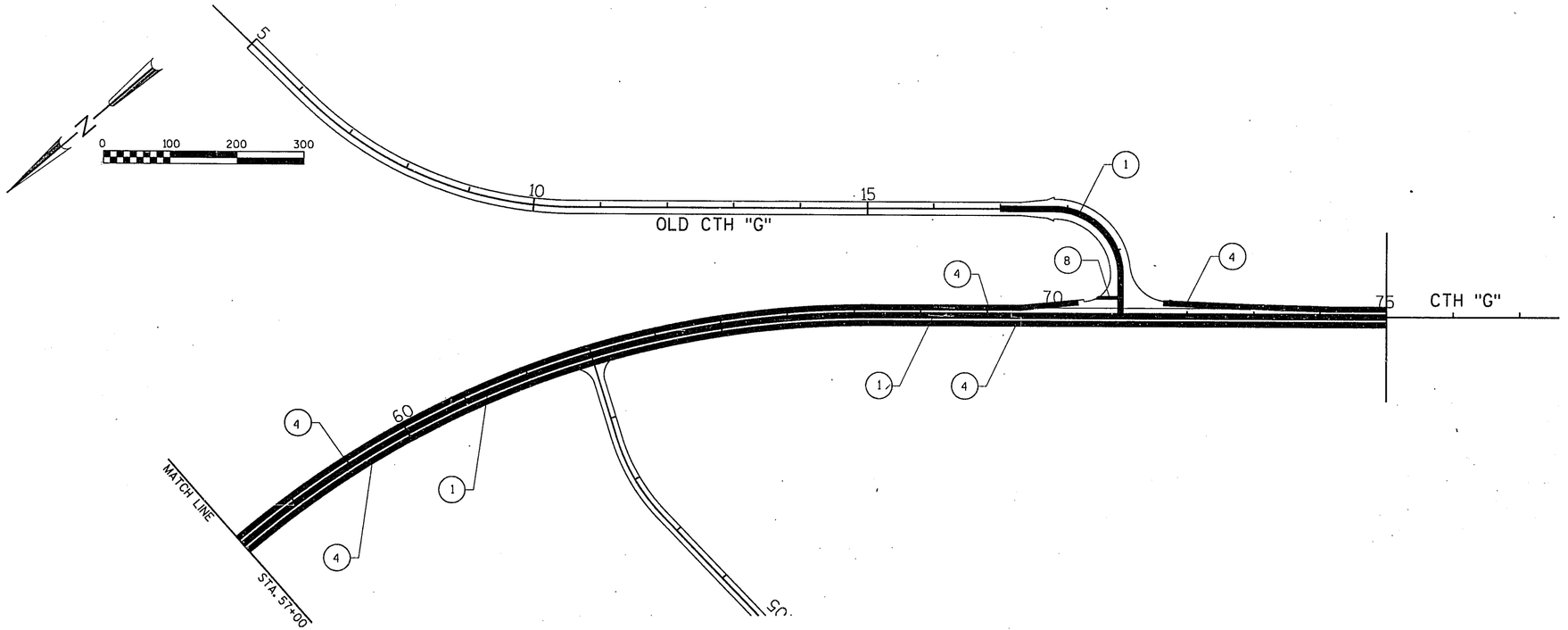
PAVEMENT MARKING PLAN

USH 18 DANE COUNTY

KEY MAP







LEGEND

PAVEMENT MARKING, EPOXY

(1) CENTERLINE, 4-INCH, YELLOW
(2) EDGE LINE, 4-INCH YELLOW
(3) LANE LINE, 4-INCH WHITE
(4) EDGE LINE, 4-INCH WHITE
(5) CHANNELIZING, 8-INCH, WHITE
(6) DIAGONAL, 24-INCH, WHITE @ 25' SPACING
(8) STOPLINE, 24-INCH
(13) ARROWS, TYPE 4
(15) RAISED PAVEMENT MARKERS

NOTES:

SEE STANDARD DETAIL DRAWINGS FOR:

1. PAVEMENT MARKING SYMBOLS.
2. PAVEMENT MARKING (MAINLINE & INTERSECTIONS).
3. PAVEMENT MARKING (RAMPS & GORES).
4. RAISED PAVEMENT MARKERS (RAMPS & ARROWS).
5. RAISED PAVEMENT MARKERS (CASTING & SAW CUT DETAILS)
6. STOPLINES TO BE LOCATED BY ENGINEER IN THE FIELD, IN ACCORDANCE WITH MUTCD.

SHEET 3 OF 3

59.60, 51, 29.30, 20, LEVELS ON *

FILE NAME: HDGN: MARK4.DGN

PLOT SCALE: 1"=100'
PLOT NAME: TCPLDGN
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 59,60, 51, 41,42, 39, 29,30, 24,25, 20,

KEY MAP

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.39

TRAFFIC CONTROL PLAN STAGE 1

USH 18 DANE COUNTY

TRAFFIC CONTROL / GENERAL NOTES

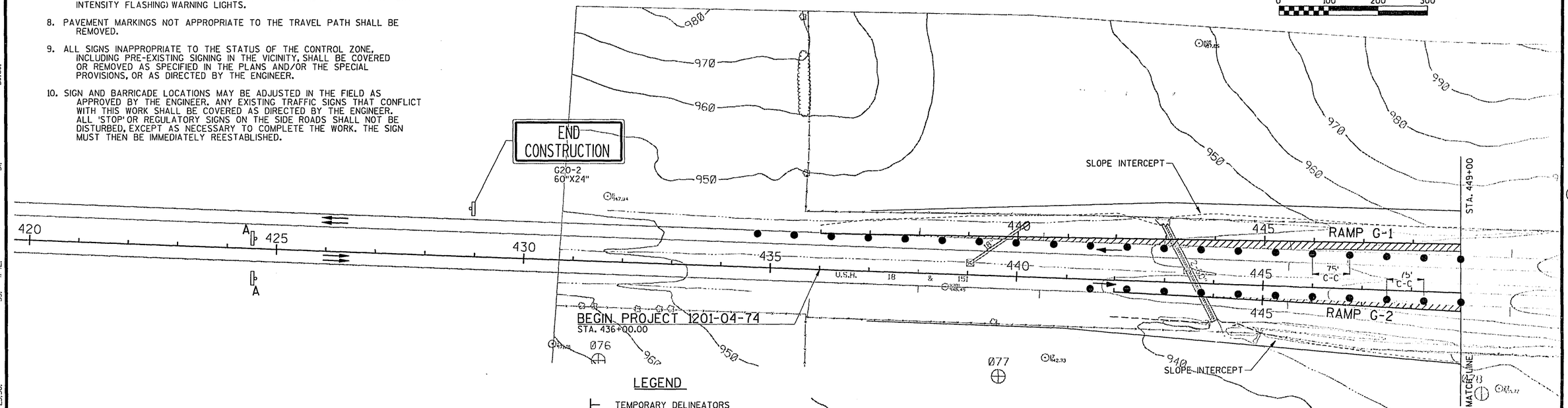
1. SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE PROVIDED IN THE PLAN.
2. ALL SIGNS ARE 48" X 48" UNLESS NOTED.
3. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
5. DRUMS PLACED ADJACENT TO WORK AREAS SHALL BE PULLED BACK FROM TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.
6. FOR NIGHTTIME OPERATION ALL ADVANCE SIGNS SHALL HAVE A TYPE "A" (LOW INTENSITY FLASHING) WARNING LIGHT.
7. DURING HOURS OF DARKNESS, TYPE "C" (STEADY BURN) WARNING LIGHTS SHALL BE PROVIDED ON ALL CHANNELIZING DEVICES IN TAPERS. BARRICADES SHIELDING AN ISOLATED HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) WARNING LIGHTS.
8. PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.
9. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS, OR AS DIRECTED BY THE ENGINEER.
10. SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS APPROVED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ALL 'STOP' OR REGULATORY SIGNS ON THE SIDE ROADS SHALL NOT BE DISTURBED, EXCEPT AS NECESSARY TO COMPLETE THE WORK. THE SIGN MUST THEN BE IMMEDIATELY REESTABLISHED.

STAGE CONSTRUCTION FOR CTH "G" INTERCHANGE

STAGE 1

TRAFFIC
- USE EXISTING USH 18
- USE EXISTING CTH "G"
- USE EXISTING SUGAR RIVER ROAD
- USE EXISTING DAIRY RIDGE ROAD
- USE TEMPORARY ROADWAYS ON DAIRY RIDGE ROAD AND OLD "G"
- USE NEWLY CONSTRUCTED OLD "G" FROM STA 8+50 TO 17+80 "OG"

CONSTRUCT
- TEMPORARY ROADWAY ON DAIRY RIDGE ROAD STA 37+00 TO 43+00 "DT"
- TEMPORARY ROADWAY ON OLD "G" FROM STA 5+00 TO 8+50 "OG" AND FROM STA 17+80 TO 24+12.14 "GT"
- RAMPS G-1, G-2, G-3, G-4
- DAIRY RIDGE ROAD / CTH "G" FROM STA 39+50 TO STA 75+00
- OLD DAIRY RIDGE ROAD INTERSECTION
- SISK FIELD ENTRANCE
- STRUCTURE B-13-403

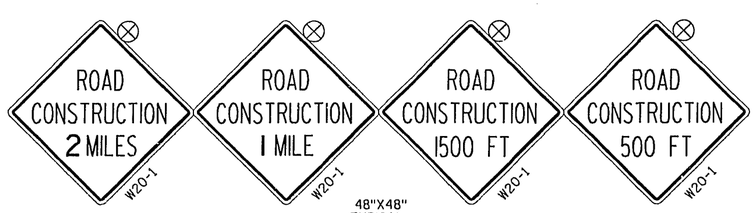


LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

ADVANCE SIGNING SEQUENCE (BOTH SIDES OF ROAD)



ADVANCE SIGNING SEQUENCE FOR BLASTING OPER ATIONS



NOTE: THIS SEQUENCE TO BE USED ON ALL ROADWAY APPROACHES TO THE PROJECT DURING BLASTING OPERATIONS.

FILE NAME: HDGN: TCPLDGN
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.40

TRAFFIC CONTROL PLAN STAGE 1

USH 18 — DANE COUNTY

KEY MAP

ROAD CONSTRUCTION AHEAD
W20-1

END CONSTRUCTION
G20-2
60"X24"

SEE DETAIL "DT"

R11-2
48"X30"
ROAD CLOSED
TYPE III BARRICADE

W01-3R
48"X48"

25 M.P.H.
W013-1
24"X24"

W01-3L
48"X48"

25 M.P.H.
W013-1
24"X24"

W01-6
60"X30"
TYPE III BARRICADES
MOUNT SIGN SO BOTTOM OF SIGN IS EVEN OR HIGHER THAN WITH TOP OF TRAFFIC CONTROL DRUMS.

OLD DAIRY RIDGE ROAD

DAIRY RIDGE ROAD

SLOPE INTERCEPT

OLD DAIRY RIDGE ROAD INTERSECTION

SLOPE INTERCEPT

R11-2
48"X30"
ROAD CLOSED
TYPE III BARRICADE

STA. 449+00

STA. 478+00

RAMP G-1

RAMP G-2

RAMP G-3

RAMP G-4

B-13-403

U.S.H. 18 & 151

C.T.H. G

MATCH LINE

MATCH LINE

STA. 57+00

SLOPE INTERCEPT

SLOPE INTERCEPT

R11-2
48"X30"
ROAD CLOSED
TYPE III BARRICADE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE
- TEMPORARY PRECAST CONCRETE BARRIER

PLOT SCALE: 1"=100'
PLOT NAME: TCP2.DGN
REV. DATE: 10-19-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN: TCP2.DGN

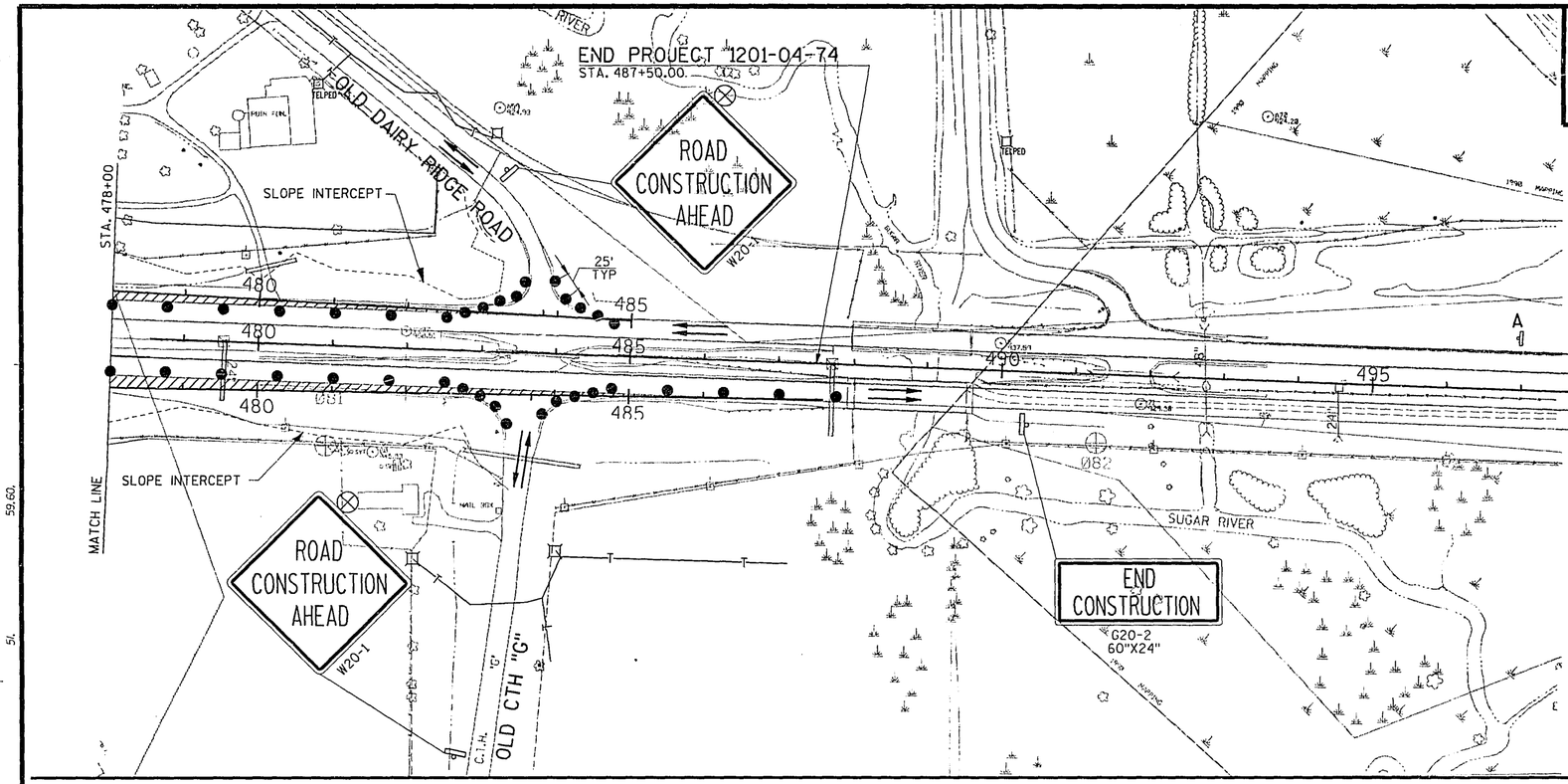
PLOT SCALE: 1"=100'
PLOT NAME: TCP4.DGN
REV. DATE: 10-27-92
ORIGINATOR: J.A.PIERONI

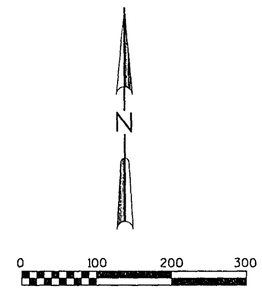
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.41

TRAFFIC CONTROL PLAN STAGE 1

USH 18 — DANE COUNTY

KEY MAP



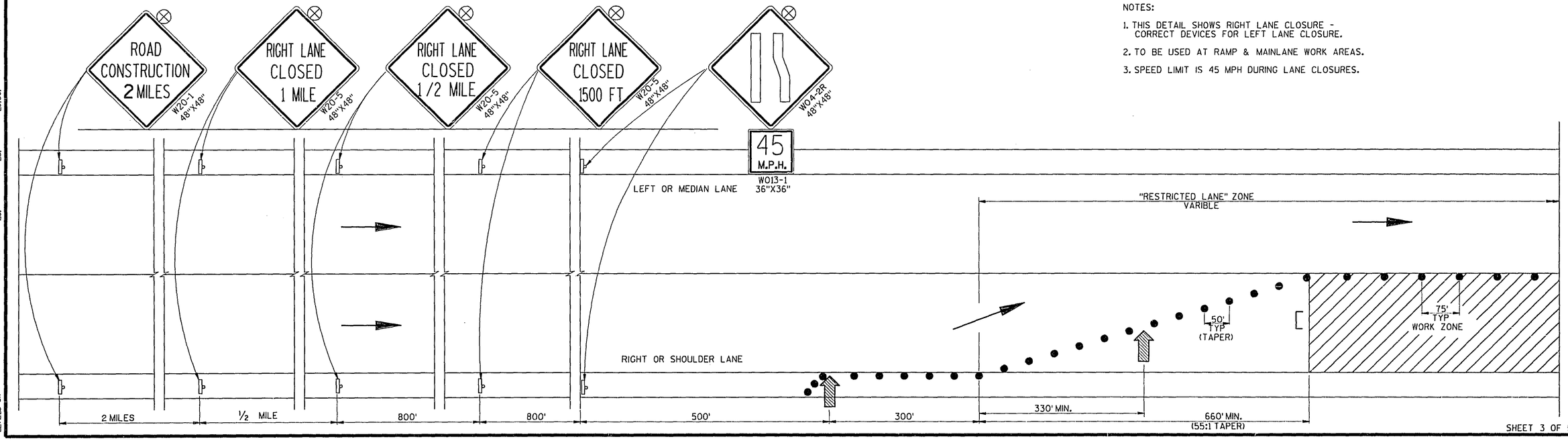


LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

TRAFFIC CONTROL FOR TYPICAL LANE CLOSURE OF MULTIPLE LANE TRAFFIC



NOTES:

1. THIS DETAIL SHOWS RIGHT LANE CLOSURE - CORRECT DEVICES FOR LEFT LANE CLOSURE.
2. TO BE USED AT RAMP & MAINLANE WORK AREAS.
3. SPEED LIMIT IS 45 MPH DURING LANE CLOSURES.

LEVELS ON - 59.60, 51, 29.30, 25, 20,

FILE NAME: HDGN: TCP4.DGN

PLOT SCALE: 1"=100'
PLOT NAME: TCP3.DGN
REV. DATE: 9-27-92
ORIGINATOR: J.A.PIERONI
LEVELS ON

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.42

TRAFFIC CONTROL PLAN
USH 18 STAGE 1 DANE COUNTY

KEY MAP

0 100 200 300

END CONSTRUCTION
G20-2
60"X24"

R11-2
48"X30"
ROAD CLOSED
TYPE III BARRICADE

ROAD CONSTRUCTION AHEAD
W20-1

W01-3R
48"X48"

25 M.P.H.
W013-1
24"X24"

500'
1500'

CONSTRUCT TEMPORARY ROADWAY "GT"

SEE DETAIL "GT"

SLOPE INTERCEPT

OLD CTH G

SISK DRIVE

CTH G

MATCH LINE

STA. 57+00

STA. 17+80

STA. 8+50

STA. 5+00

CONSTRUCT TEMPORARY ROADWAY

W01-1L
48"X48"

25 M.P.H.
W013-1
24"X24"

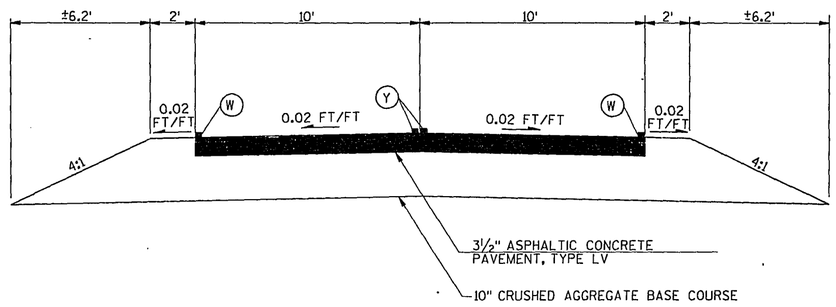
ROAD CONSTRUCTION AHEAD
W20-1

1500'

LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.



TEMPORARY ROADWAY
TYPICAL SECTION
OLD CTH "G" & OLD DAIRY RIDGE ROAD

SHEET 4 OF 5

FILE NAME: HDGN: TCP3.DGN

WISDOT/CADDS SHEET 42

PLOT NAME: TCPD.DGN
PLOT SCALE: 1"=50'
REV. DATE: 11-30-92
ORIGINATOR: J.A.PIERONI

KEY MAP

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 2.43

TRAFFIC CONTROL DETAILS STAGE 1

USH 18 DANE COUNTY

N

0 50 100 150

W01-6 60"X30"

TYPE III BARRICADE

50' TYP

40

DAIRY RIDGE ROAD

35

C.T.H.

OLD DAIRY RIDGE ROAD

48"X30" R11-2

ROAD CLOSED

TYPE III BARRICADES

45

"DETAIL DT"

DAIRY RIDGE ROAD TEMPORARY ROADWAY

LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY

(Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE -DOUBLE 4-INCH YELLOW

(W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

N

0 60 120 180

W01-3R 48"X48"

25 M.P.H.

W013-1 24"X24"

SLOPE INTERCEPT

C/L OLD CTH "G"

10

15

OLD CTH "G"

C/L CTH "G"

65

70

75

CTH "G"

"DETAIL GT"

CTH G TEMPORARY ROADWAY

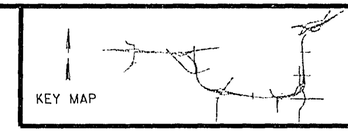
SHEET 5 OF 5

FILE NAME: HDGN: TCPD.DGN

PLOT SCALE: 1"=100'
PLOT NAME: TCP1.DGN
REV. DATE: 10-26-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 1, 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

TRAFFIC CONTROL PLAN
USH 18 STAGE 2A & 2B DANE COUNTY

KEY MAP



TRAFFIC CONTROL / GENERAL NOTES

1. SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE PROVIDED IN THE PLAN.
2. ALL SIGNS ARE 48" X 48" UNLESS NOTED.
3. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
4. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
5. DRUMS PLACED ADJACENT TO WORK AREAS SHALL BE PULLED BACK FROM TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.
6. FOR NIGHTTIME OPERATION ALL ADVANCE SIGNS SHALL HAVE A TYPE "A" (LOW INTENSITY FLASHING) WARNING LIGHT.
7. DURING HOURS OF DARKNESS, TYPE "C" (STEADY BURN) WARNING LIGHTS SHALL BE PROVIDED ON ALL CHANNELIZING DEVICES IN TAPERS. BARRICADES SHIELDING AN ISOLATED HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) WARNING LIGHTS.
8. PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.
9. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS, OR AS DIRECTED BY THE ENGINEER.
10. SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS APPROVED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ALL 'STOP' OR REGULATORY SIGNS ON THE SIDE ROADS SHALL NOT BE DISTURBED, EXCEPT AS NECESSARY TO COMPLETE THE WORK. THE SIGN MUST THEN BE IMMEDIATELY REESTABLISHED.

STAGE CONSTRUCTION FOR CTH "G" INTERCHANGE

STAGE 2A

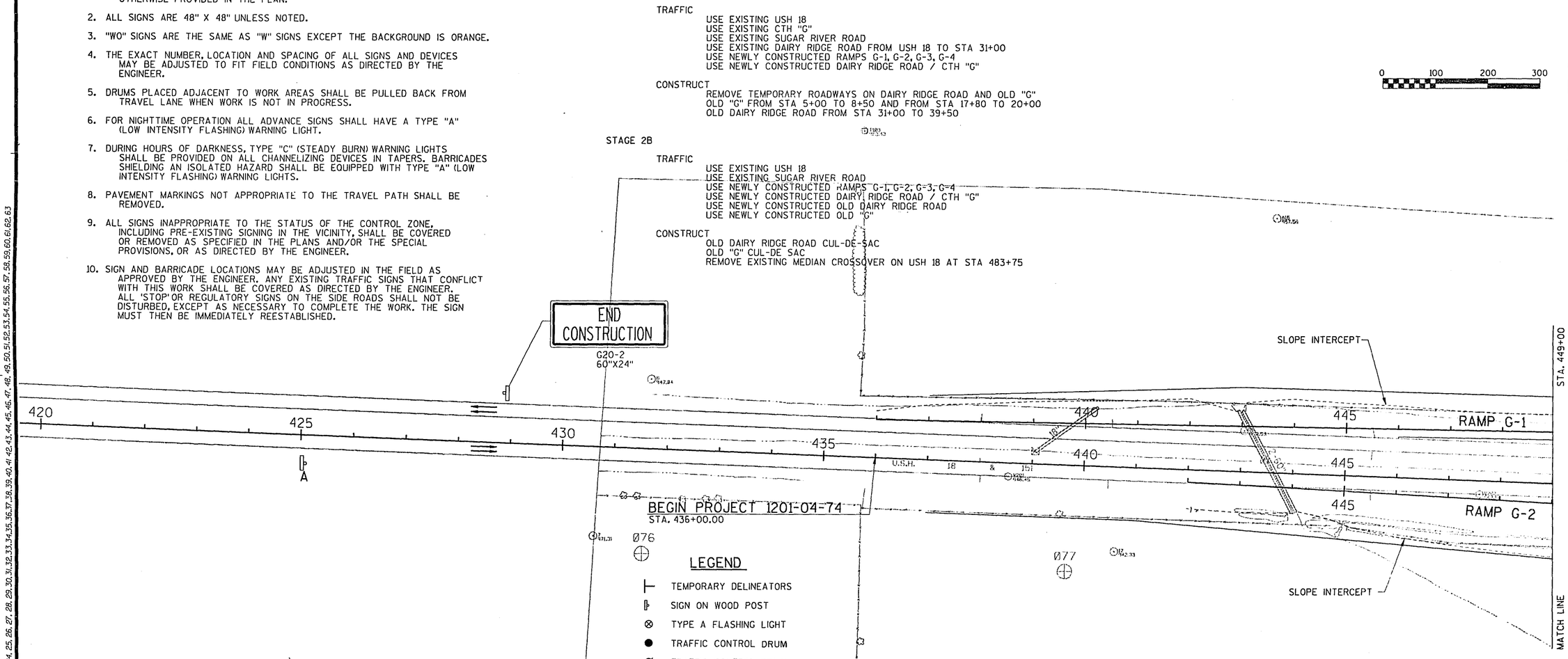
TRAFFIC
- USE EXISTING USH 18
- USE EXISTING CTH "G"
- USE EXISTING SUGAR RIVER ROAD
- USE EXISTING DAIRY RIDGE ROAD FROM USH 18 TO STA 31+00
- USE NEWLY CONSTRUCTED RAMPS G-1, G-2, G-3, G-4
- USE NEWLY CONSTRUCTED DAIRY RIDGE ROAD / CTH "G"

CONSTRUCT
- REMOVE TEMPORARY ROADWAYS ON DAIRY RIDGE ROAD AND OLD "G"
- OLD "G" FROM STA 5+00 TO 8+50 AND FROM STA 17+80 TO 20+00
- OLD DAIRY RIDGE ROAD FROM STA 31+00 TO 39+50

STAGE 2B

TRAFFIC
- USE EXISTING USH 18
- USE EXISTING SUGAR RIVER ROAD
- USE NEWLY CONSTRUCTED RAMPS G-1, G-2, G-3, G-4
- USE NEWLY CONSTRUCTED DAIRY RIDGE ROAD / CTH "G"
- USE NEWLY CONSTRUCTED OLD DAIRY RIDGE ROAD
- USE NEWLY CONSTRUCTED OLD "G"

CONSTRUCT
- OLD DAIRY RIDGE ROAD CUL-DE-SAC
- OLD "G" CUL-DE SAC
- REMOVE EXISTING MEDIAN CROSSOVER ON USH 18 AT STA 483+75

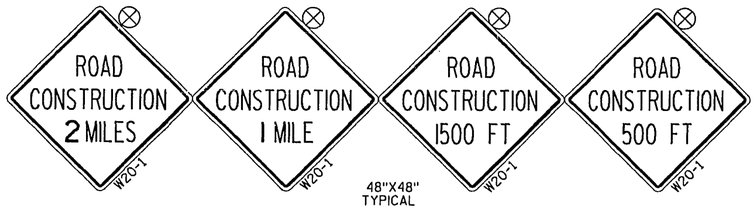


LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

ADVANCE SIGNING SEQUENCE



FILE NAME: HDGN: TCP1A.DGN

PLOT SCALE: 1"=100'
PLOT NAME: TCP2.DGN
REV. DATE: 10-19-92
ORIGINATOR: J.A.PIERONI

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.45

TRAFFIC CONTROL PLAN
USH 18 STAGE 2A & 2B DANE COUNTY

KEY MAP

ROAD CONSTRUCTION AHEAD
W20-1

END CONSTRUCTION
G20-2
60"X24"

48"X30"
R11-2
ROAD CLOSED

TYPE III BARRICADES

REMOVE TEMPORARY ROADWAY

SLOPE INTERCEPT

DAIRY RIDGE ROAD

OLD DAIRY RIDGE ROAD

0 100 200 300

N

W01-1R
48"X48"

30
M.P.H.
W013-1
24"X24"

W01-1L
48"X48"

30
M.P.H.
W013-1
24"X24"

STA. 449+00

RAMP "G-1"

RAMP "G-4"

RAMP G-2

RAMP "G-3"

B-13-403

U.S.H. 18 & 151

C486

CTH "G"

STA. 478+00

MATCH LINE

STA. 57+00

LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

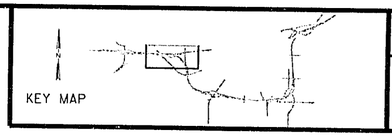
* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

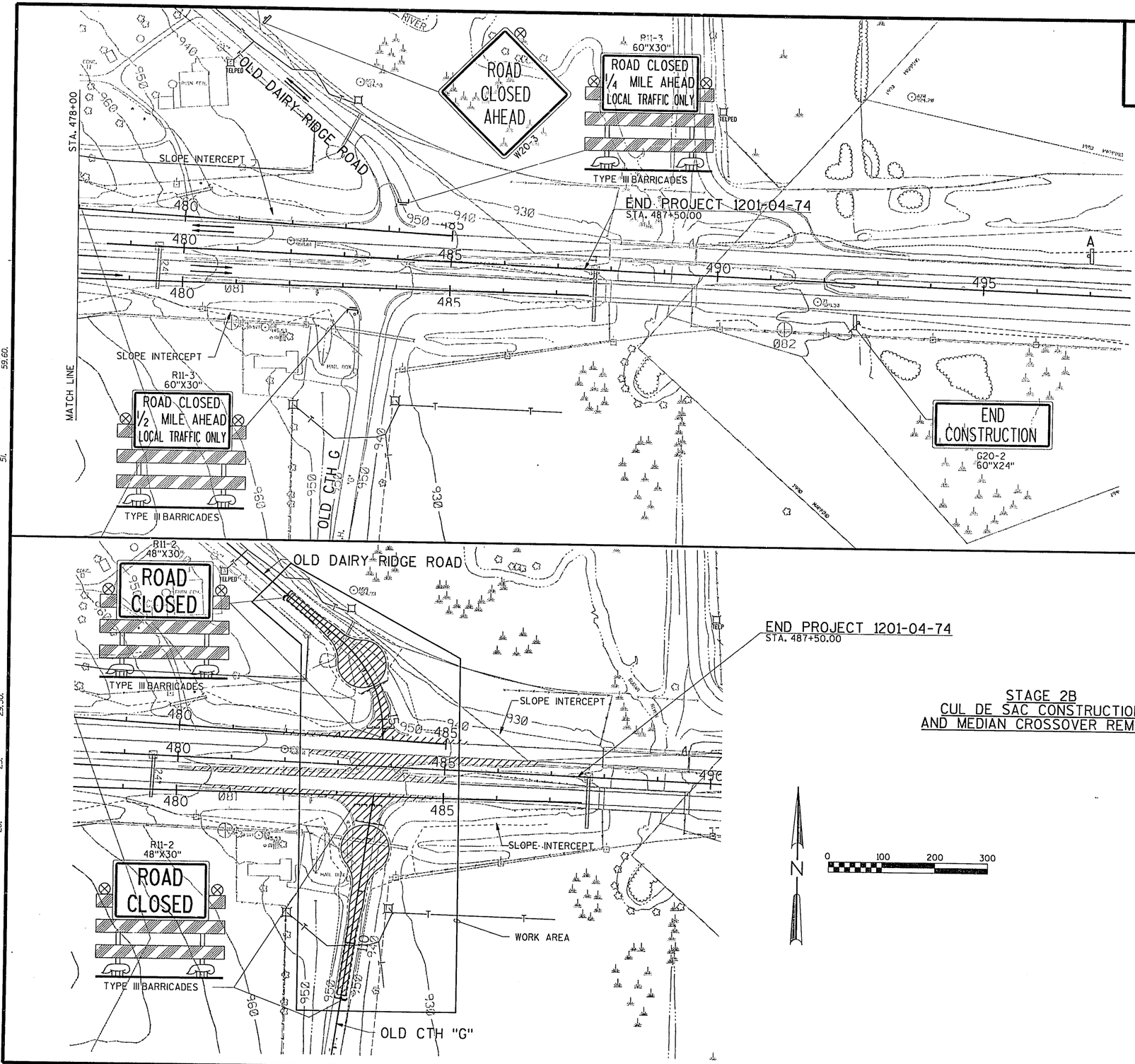
FILE NAME: HDGN: TCP2A.DGN

TRAFFIC CONTROL PLAN
STAGE 2A & 2B

USH 18 DANE COUNTY

KEY MAP





STAGE 2A

STAGE 2B
CUL DE SAC CONSTRUCTION
AND MEDIAN CROSSOVER REMOVAL

LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

PLOT NAME: TCP4A.DGN PLOT SCALE: 1"=100'
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI
LEVELS ON -
FILE NAME: HDGN: TCP4A.DGN

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 2.47

TRAFFIC CONTROL PLAN STAGE 2A

USH 18 DANE COUNTY

KEY MAP

END CONSTRUCTION
G20-2
60"X24"

ROAD CONSTRUCTION AHEAD
W20-1
48"X48"

R11-2
48"X30"
ROAD CLOSED

TYPE III BARRICADES

1500'

REMOVE TEMPORARY ROADWAY

SLOPE INTERCEPT

SISK DRIVE

OLD CTH G

CTH G

MATCH LINE

STA. 57+00

101

100

0 100 200 300

LEGEND

- TEMPORARY DELINEATORS
- SIGN ON WOOD POST
- TYPE A FLASHING LIGHT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH STEADY BURN (TYPE C) LIGHT
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC
- CONSTRUCTION THIS STAGE
- TEMPORARY ROADWAY
- FLASHING ARROW BOARD.
- (Y) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH YELLOW
- (W) * TEMPORARY PAVEMENT MARKING OR TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE - 4-INCH WHITE

* REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT PAVEMENT SURFACE.

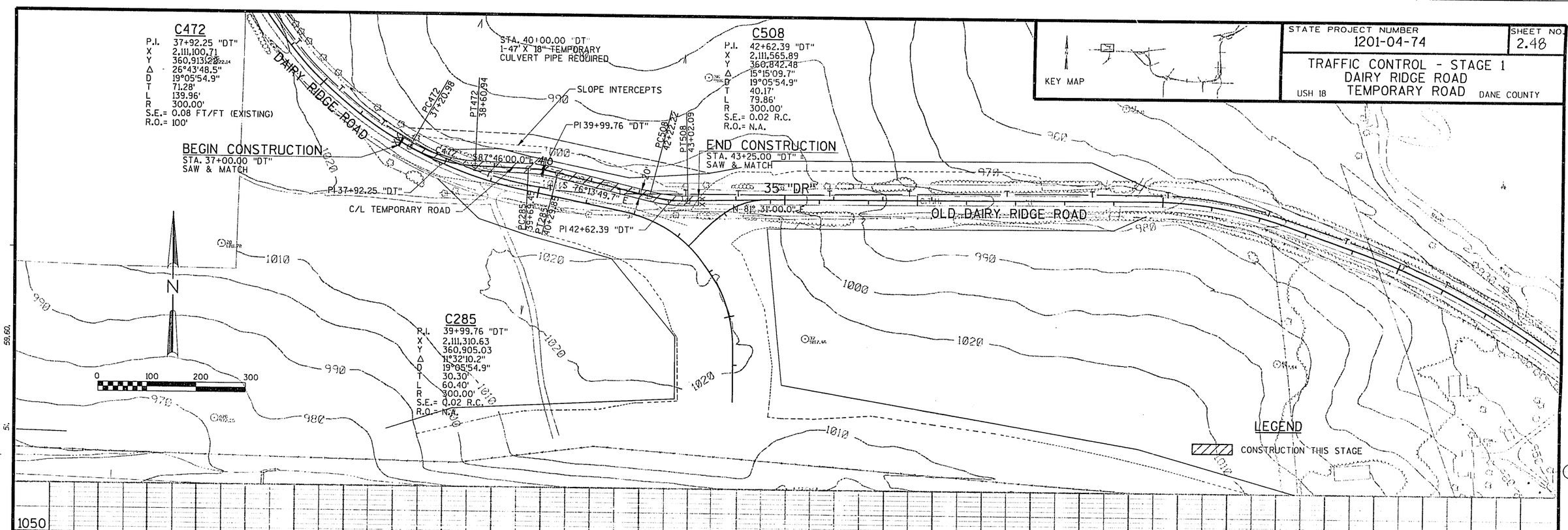
SHEET 4 OF 4

PLOT SCALE: 1"=100'
PLOT NAME: TCP3A.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI
LEVELS ON -
FILE NAME: HDGN: TCP3A.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.48

TRAFFIC CONTROL - STAGE 1
DAIRY RIDGE ROAD
USH 18 TEMPORARY ROAD DANE COUNTY

KEY MAP



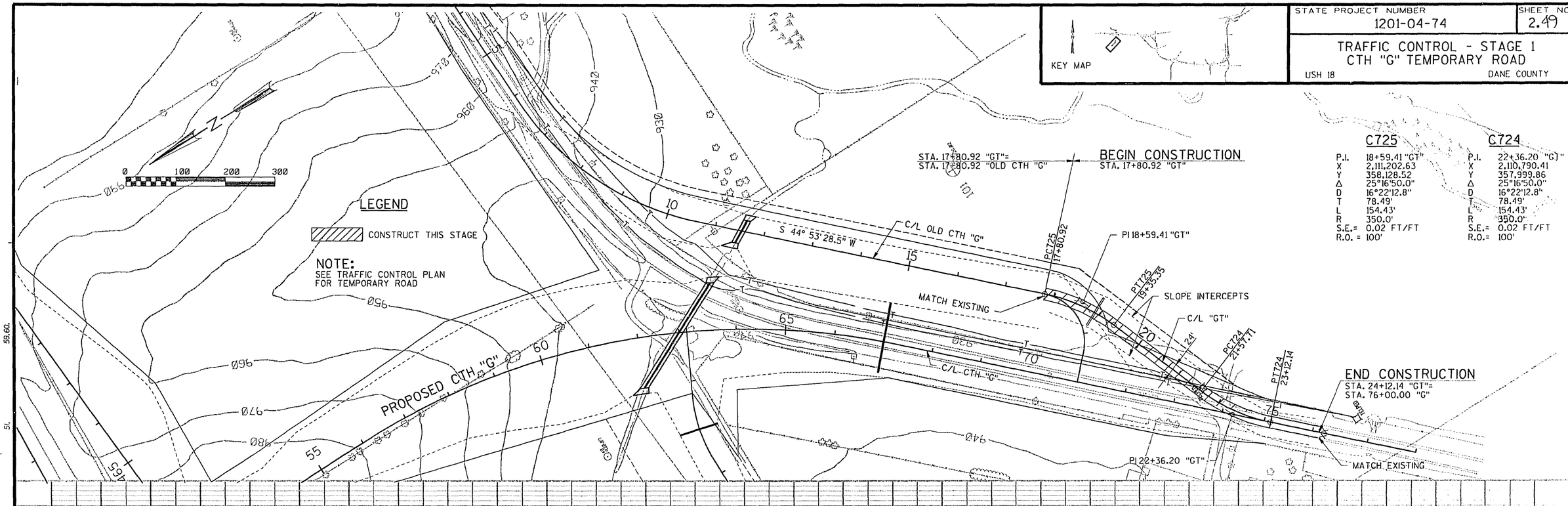
REV. DATE: 10-22-92
PLOT SCALE: 1"=100'
PLOT NAME: DTEMP.DGN
ORIGINATOR: J.A.PIERONI
FILE NAME: HDGN: DTEMP.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	2.49

TRAFFIC CONTROL - STAGE 1
CTH "G" TEMPORARY ROAD

USH 18 — DANE COUNTY

KEY MAP



C725

P.I.	18+59.41 "GT"
X	2,111,202.63
Y	358,128.52
Δ	25°16'50.0"
D	16°22'12.8"
T	78.49'
L	154.43'
R	350.0'
S.E.=	0.02 FT/FT
R.O. =	100'

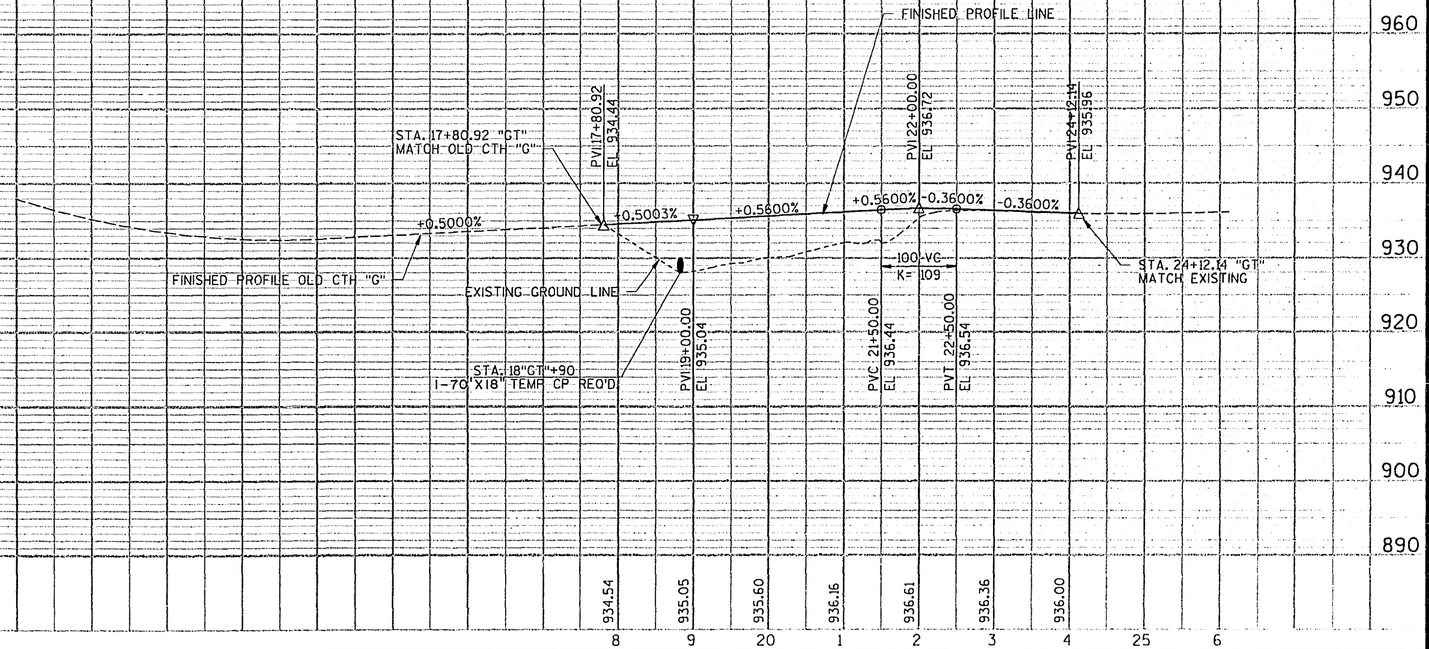
C724

P.I.	22+36.20 "GT"
X	2,110,790.41
Y	357,999.86
Δ	25°16'50.0"
D	16°22'12.8"
T	78.49'
L	154.43'
R	350.0'
S.E.=	0.02 FT/FT
R.O.=	100'

EARTHWORK SUMMARY

ROCK	
COMMON	230
FILL	4,360
WASTE	4,130

CTH "G" TEMPORARY ROAD PROFILE



LEVELS ON - 41, 42, 39, 30, 29, 25, 24, 20,

PLOT SCALE: 1"=100'
PLOT NAME: GTEMP.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI

FILE NAME: HDGN: GTEMP.DGN

WISDOT/CADDS: SHEET: 42

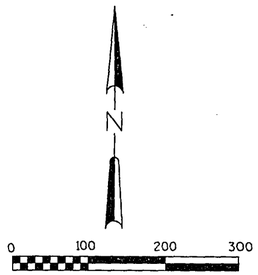
STATE PROJECT NUMBER
1201-04-74

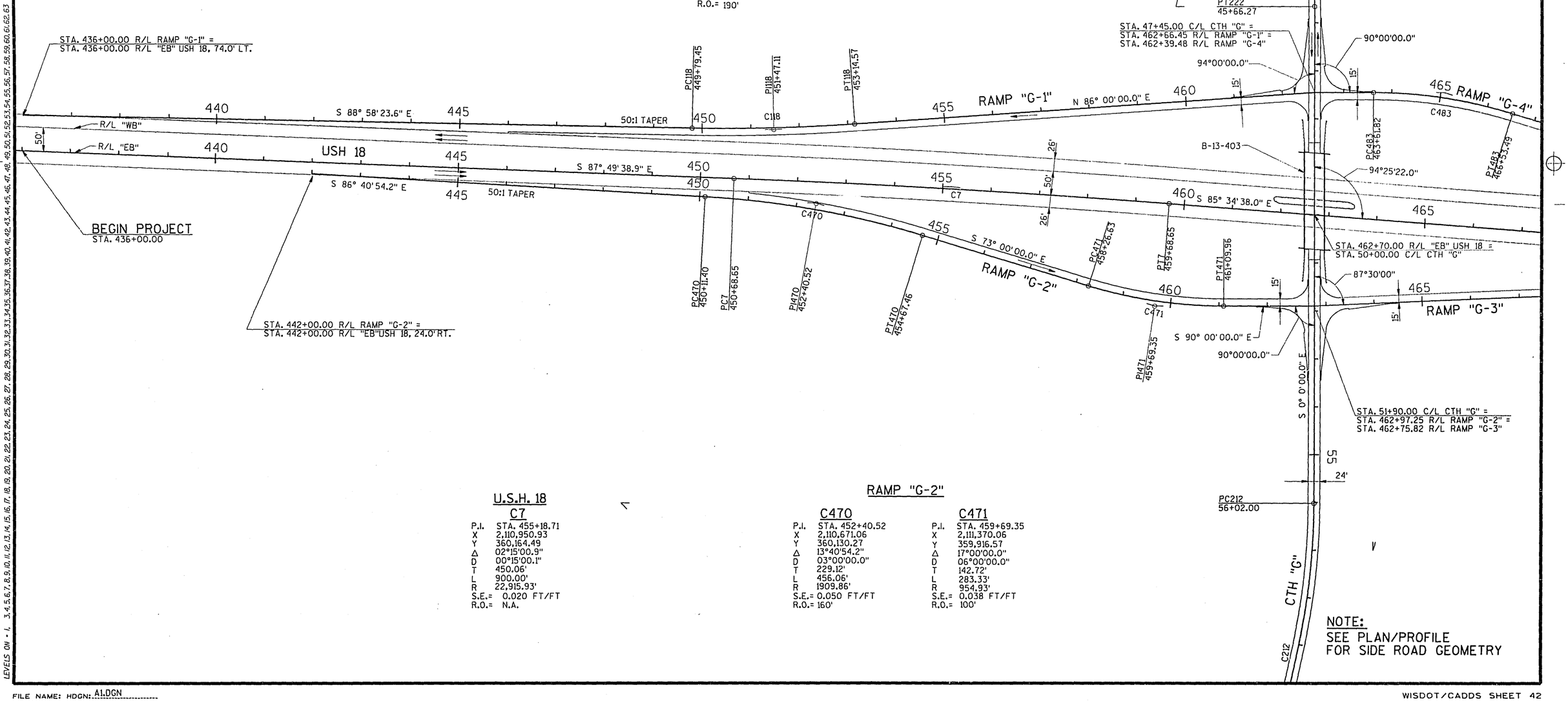
SHEET NO.
2.50

ALIGNMENT PLAN
CTH "G" INTERCHANGE

USH 18 — DANE COUNTY

KEY MAP





RAMP "G-1"

C118

P.I.	STA. 451+47.11
X	2,110,583.30
Y	360,283.44
Δ	05°01'36.0"
D	01°30'00.0"
T	167.67'
L	335.12'
R	3819.72'
S.E.=	0.041 FT/FT
R.O.=	190'

U.S.H. 18

C7

P.I.	STA. 455+18.71
X	2,110,950.93
Y	360,164.49
Δ	02°15'00.9"
D	00°15'00.1"
T	450.06'
L	900.00'
R	22,915.93'
S.E.=	0.020 FT/FT
R.O.=	N.A.

RAMP "G-2"

C470

P.I.	STA. 452+40.52
X	2,110,671.06
Y	360,130.27
Δ	13°40'54.2"
D	03°00'00.0"
T	229.12'
L	456.06'
R	1909.86'
S.E.=	0.050 FT/FT
R.O.=	160'

C471

P.I.	STA. 459+69.35
X	2,111,370.06
Y	359,916.57
Δ	17°00'00.0"
D	06°00'00.0"
T	142.72'
L	283.33'
R	954.93'
S.E.=	0.038 FT/FT
R.O.=	100'

NOTE:
SEE PLAN/PROFILE
FOR SIDE ROAD GEOMETRY

PLOT SCALE: 1"=100'
PLOT NAME: A1.DGN
REV. DATE: 10-20-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 1, 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

FILE NAME: HDGN: A1.DGN

PLOT SCALE: 1"=100'
PLOT NAME: A2.DGN
REV. DATE: 10-20-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 1, 15, 23, 24, 59, 60

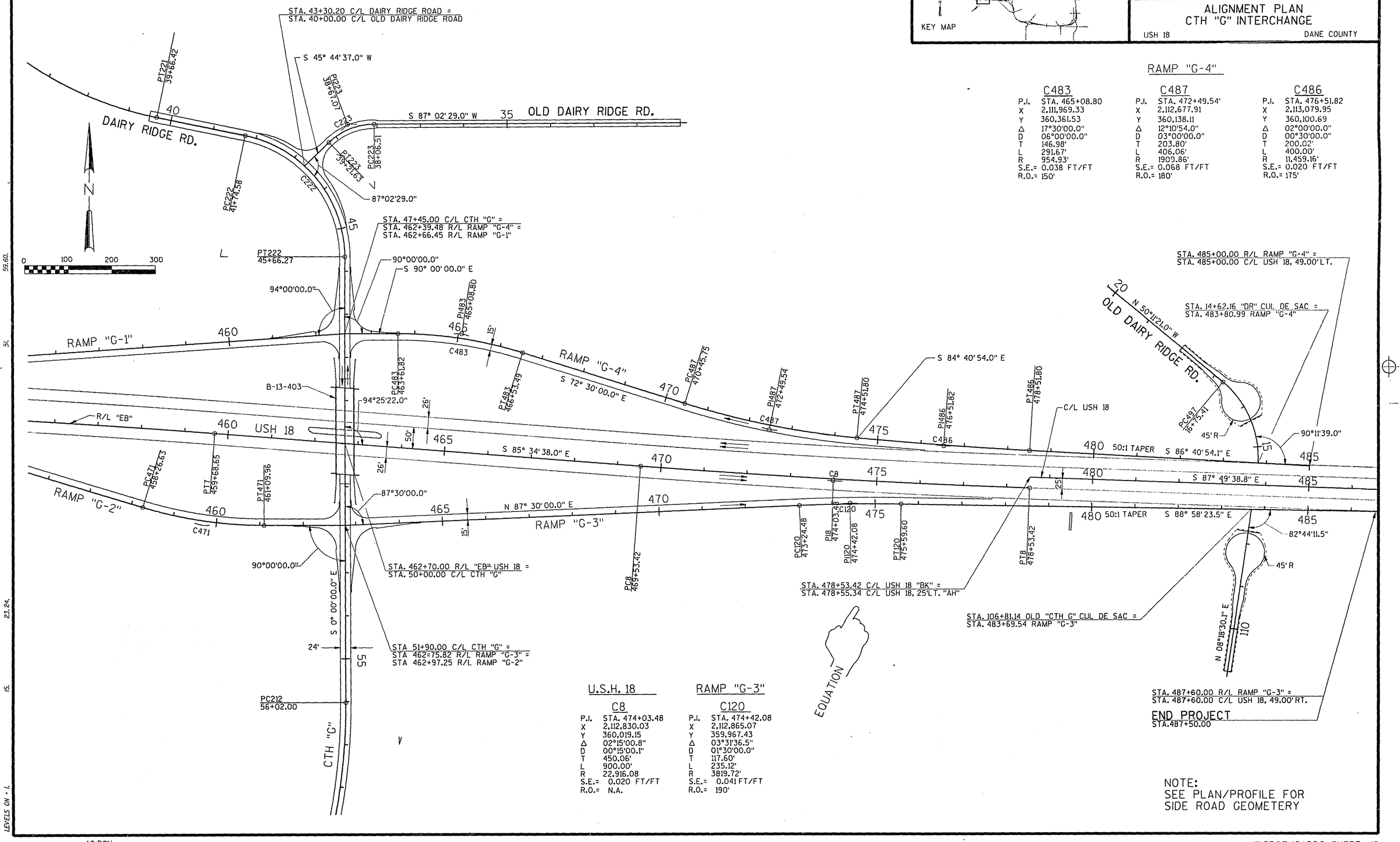
KEY MAP



STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 2.51

ALIGNMENT PLAN
CTH "G" INTERCHANGE

USH 18 — DANE COUNTY



RAMP "G-4"

C483		C487		C486	
P.I.	STA. 465+08.80	P.I.	STA. 472+49.54'	P.I.	STA. 476+51.82
X	2,111,969.33	X	2,112,677.91	X	2,113,079.95
Y	360,361.53	Y	360,138.11	Y	360,100.69
Δ	17°30'00.0"	Δ	12°10'54.0"	Δ	02°00'00.0"
D	06°00'00.0"	D	03°00'00.0"	D	00°30'00.0"
T	146.98'	T	203.80'	T	200.02'
L	291.67'	L	406.06'	L	400.00'
R	954.93'	R	1909.86'	R	11,459.16'
S.E.=	0.038 FT/FT	S.E.=	0.068 FT/FT	S.E.=	0.020 FT/FT
R.O.=	150'	R.O.=	180'	R.O.=	175'

U.S.H. 18

C8

P.I.	STA. 474+03.48
X	2,112,830.03
Y	360,019.15
Δ	02°15'00.8"
D	00°15'00.1"
T	450.06'
L	900.00'
R	22,916.08
S.E.=	0.020 FT/FT
R.O.=	N.A.

RAMP "G-3"

C120

P.I.	STA. 474+42.08
X	2,112,865.07
Y	359,967.43
Δ	03°31'36.5"
D	01°30'00.0"
T	117.60'
L	235.12'
R	3819.72'
S.E.=	0.041 FT/FT
R.O.=	190'

NOTE:
SEE PLAN/PROFILE FOR
SIDE ROAD GEOMETERY

FILE NAME: HDGN: A2.DGN

DATE 01/29/93

ESTIMATE OF QUANTITIES

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1201-04-74 QUANTITY
20101	CLEARING	STA.	16.00	16.00
20102	CLEARING	I.D.	177.00	177.00
20104	GRUBBING	STA.	16.00	16.00
20105	GRUBBING	I.D.	177.00	177.00
20301	REMOVING OLD CULVERT, STATION 63'G'+50	L.S.	1.00	1.00
20330	REMOVING OLD CULVERTS	EACH	1.00	1.00
20401	REMOVING PAVEMENT	S.Y.	750.00	750.00
20405	REMOVING CURB AND GUTTER	L.F.	360.00	360.00
20412	REMOVING FENCE	L.F.	14,300.00	14,300.00
20501	COMMON EXCAVATION	C.Y.	181,500.00	181,500.00
20502	ROCK EXCAVATION	C.Y.	52,000.00	52,000.00
20610	EXCAVATION FOR STRUCTURES, BRIDGES B-13-403	L.S.	1.00	1.00
20801	BORROW EXCAVATION	C.Y.	113,000.00	113,000.00
21301	FINISHING ROADWAY	L.S.	1.00	1.00
21401	OBLITERATING OLD ROAD	STA.	3.00	3.00
30404	CRUSHED AGGREGATE BASE COURSE	TON	49,300.00	49,300.00
40204	ASPHALTIC MATERIAL FOR TACK COAT	GAL.	560.00	560.00
40501	ASPHALTIC MATERIAL FOR PLANT MIXES	TON	375.00	375.00
40713	ASPHALTIC CONCRETE PAVEMENT, TYPE MV	TON	2,370.00	2,370.00
40714	ASPHALTIC CONCRETE PAVEMENT, TYPE LV	TON	3,830.00	3,830.00
41509	CONCRETE PAVEMENT, 9-INCH	S.Y.	16,050.00	16,050.00
41535	CONCRETE PAVEMENT APPROACH SLAB	S.Y.	120.00	120.00
41571	PAVEMENT TIES	EACH	1,225.00	1,225.00
41572	DOWEL BARS	EACH	46.00	46.00
50201	CONCRETE MASONRY, BRIDGES	C.Y.	411.00	411.00
50220	PREFORMED ELASTOMERIC COMPRESSION JOINT SEALER, 2-INCH	L.F.	80.00	80.00
50230	PROTECTIVE SURFACE TREATMENT	GAL.	61.00	61.00
50307	PRESTRESSED GIRDER, I TYPE, 54-INCH	L.F.	1,199.00	1,199.00

Sheet 3

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1201-04-74 QUANTITY
50409	CONCRETE MASONRY, ENDWALLS	C.Y.	56.00	56.00
50504	HIGH-STRENGTH BAR STEEL REINFORCEMENT, BRIDGES	LB.	6,390.00	6,390.00
50511	COATED HIGH-STRENGTH BAR STEEL REINFORCEMENT, BRIDGES	LB.	68,590.00	68,590.00
50626	NON-LAMINATED ELASTOMERIC BEARING PADS	EACH	18.00	18.00
51121	STEEL PILING, DELIVERED AND DRIVEN, HP 10-INCH 42 POUND	L.F.	315.00	315.00
52001	CULVERT PIPE, CLASS III, 12-INCH	L.F.	84.00	84.00
52059	APRON ENDWALLS FOR CULVERT PIPE, 12-INCH	EACH	2.00	2.00
52067	APRON ENDWALLS FOR CULVERT PIPE, 36-INCH	EACH	1.00	1.00
52082	TEMPORARY CULVERT PIPE, 18-INCH	L.F.	117.00	117.00
52103	CORRUGATED STEEL CULVERT PIPE, 12-INCH	L.F.	25.00	25.00
52111	CORRUGATED STEEL CULVERT PIPE, 36-INCH	L.F.	65.00	65.00
52145	STEEL APRON ENDWALLS FOR CULVERT PIPE, 12-INCH	EACH	2.00	2.00
52151	STEEL APRON ENDWALLS FOR CULVERT PIPE, 36-INCH	EACH	1.00	1.00
52203	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 18-INCH	L.F.	20.00	20.00
52205	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 24-INCH	L.F.	265.00	265.00
52209	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 36-INCH	L.F.	44.00	44.00
52215	REINFORCED CONCRETE CULVERT PIPE, CLASS III, 72-INCH	L.F.	96.00	96.00
52258	REINFORCED CONCRETE CULVERT PIPE, CLASS V, 72-INCH	L.F.	506.00	506.00
52262	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 18-INCH	EACH	1.00	1.00
52264	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 24-INCH	EACH	7.00	7.00

Sheet 3.1

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1201-04-74 QUANTITY
52267	REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 36-INCH	EACH	1.00	1.00
60101	CONCRETE CURB, TYPE A	L.F.	24.00	24.00
60160	CONCRETE CURB AND GUTTER, 36-INCH, TYPE A	L.F.	305.00	305.00
60170	CONCRETE CURB AND GUTTER, 36-INCH, TYPE D	L.F.	450.00	450.00
60305	TEMPORARY PRECAST CONCRETE BARRIER, DELIVERED	L.F.	800.00	800.00
60307	TEMPORARY PRECAST CONCRETE BARRIER, INSTALLED	L.F.	800.00	800.00
60405	SLOPE PAVING, CRUSHED AGGREGATE	S.Y.	380.00	380.00
60601	RIPRAP	C.Y.	160.00	160.00
61121	INLETS, TYPE 1	EACH	2.00	2.00
61123	INLETS, TYPE 8	EACH	2.00	2.00
61170	INLET COVERS, TYPE MS	EACH	2.00	2.00
61176	INLET COVERS, TYPE V	EACH	2.00	2.00
61214	PIPE UNDERDRAIN, UNPERFORATED, 12-INCH	L.F.	80.00	80.00
61407	STEEL THRIE BEAM STRUCTURE APPROACH	L.F.	108.00	108.00
61408	STEEL PLATE BEAM GUARD, CLASS A	L.F.	576.00	576.00
61409	STEEL PLATE BEAM GUARD, CLASS B	L.F.	100.00	100.00
61412	ANCHORAGES FOR STEEL PLATE BEAM GUARD, TYPE 1	EACH	4.00	4.00
61433	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4.00	4.00
61601	WOVEN WIRE FENCE	L.F.	8,660.00	8,660.00
61910	MOBILIZATION	L.S.	1.00	1.00
62101	LANDMARK REFERENCE MONUMENTS	EACH	4.00	4.00
62111	LANDMARK REFERENCE MONUMENTS AND CAST IRON COVERS	EACH	1.00	1.00
62203	ASPHALTIC FLUMES	S.Y.	114.00	114.00
62401	WATER	MGAL	100.00	100.00
62501	TOPSOIL	S.Y.	10,000.00	10,000.00
62505	SALVAGED TOPSOIL	S.Y.	167,500.00	167,500.00

Sheet 3.2

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1201-04-74 QUANTITY
62703	MULCHING	TON	84.00	84.00
62803	EROSION MAT, DELIVERED	S.Y.	2,000.00	2,000.00
62804	EROSION MAT, INSTALLED	S.Y.	2,000.00	2,000.00
62811	EROSION BALES, DELIVERED	EACH	100.00	100.00
62812	EROSION BALES, INSTALLED	EACH	100.00	100.00
62815	SILT FENCE, DELIVERED	L.F.	14,000.00	14,000.00
62816	SILT FENCE, INSTALLED	L.F.	14,000.00	14,000.00
62817	SILT FENCE MAINTENANCE	L.F.	14,000.00	14,000.00
62819	MOBILIZATIONS, EROSION CONTROL	EACH	2.00	2.00
62820	CLEANING SEDIMENT BASINS	C.Y.	250.00	250.00
62905	FERTILIZER, TYPE B	CWT.	120.00	120.00
63002	SEEDING	LB.	3,900.00	3,900.00
63101	SODDING	S.Y.	500.00	500.00
63102	REINFORCED SODDING	S.Y.	3,400.00	3,400.00
63301	DELINEATOR POSTS	EACH	104.00	104.00
63305	DELINEATORS	EACH	149.00	149.00
63411	WOOD POSTS, 4X6-INCH X 14-FT.	EACH	13.00	13.00
63412	WOOD POSTS, 4X6-INCH X 16-FT.	EACH	44.00	44.00
63413	WOOD POSTS, 4X6-INCH X 18-FT.	EACH	22.00	22.00
63414	WOOD POSTS, 4X6-INCH X 20-FT.	EACH	2.00	2.00
63502	HIGH-STRENGTH STRUCTURAL STEEL, SIGN SUPPORTS	LB.	2,840.00	2,840.00
63601	CONCRETE MASONRY, SIGN SUPPORTS	C.Y.	4.80	4.80
63605	BAR STEEL REINFORCEMENT, SIGN SUPPORTS	LB.	300.00	300.00
63701	SIGNS, TYPE I	S.F.	711.50	711.50
63702	SIGNS, TYPE II, REFLECTIVE	S.F.	722.13	722.13
63704	SIGNS, TYPE III	S.F.	75.00	75.00
63827	REMOVING SIGNS, TYPE II	EACH	18.00	18.00
63830	REMOVING SMALL SIGN SUPPORTS	EACH	18.00	18.00
64202	FIELD OFFICE, TYPE B	L.S.	1.00	1.00

Sheet 3.3

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1201-04-74 QUANTITY
64210	FIELD LABORATORY	L.S.	1.00	1.00
64301	TRAFFIC CONTROL	L.S.	1.00	1.00
64310	TRAFFIC CONTROL, ARROW BOARDS	DAYS	400.00	400.00
64313	TRAFFIC CONTROL, DRUMS	DAYS	37,100.00	37,100.00
64318	TRAFFIC CONTROL, BARRICADES, TYPE III	DAYS	2,470.00	2,470.00
64321	TRAFFIC CONTROL, WARNING LIGHTS, TYPE A	DAYS	7,600.00	7,600.00
64323	TRAFFIC CONTROL, WARNING LIGHTS, TYPE C	DAYS	12,600.00	12,600.00
64326	TRAFFIC CONTROL, SIGNS	DAYS	7,100.00	7,100.00
64406	PAVEMENT MARKING, EPOXY, 4-INCH	L.F.	27,850.00	27,850.00
64414	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH	L.F.	2,750.00	2,750.00
64438	PAVEMENT MARKING, STOP LINE, EPOXY, 24-INCH	L.F.	150.00	150.00
64474	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 4	EACH	2.00	2.00
64481	TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE	L.F.	5,100.00	5,100.00
64484	TEMPORARY PAVEMENT MARKING	L.F.	5,150.00	5,150.00
64487	REMOVING PAVEMENT MARKINGS	L.F.	5,650.00	5,650.00
64492	PAVEMENT MARKING, DIAGONAL, EPOXY, 24-INCH	L.F.	345.00	345.00
64505	GEOTEXTILE FABRIC, TYPE R	S.Y.	500.00	500.00
64601	SAWING EXISTING PAVEMENT	L.F.	1,080.00	1,080.00
64602	SAWING CONCRETE PAVEMENT, FULL DEPTH	L.F.	3,380.00	3,380.00
90001	PAVEMENT MARKING, OUTFALL MARKER, NON-REFLECTORIZED COLD PAINT, 8X8-INCH	EACH	10.00	10.00
90002	CURRUGATED STEEL RISER PIPE	EACH	1.00	1.00
90003	CORRUGATE STEEL PIPE UNDERDRAIN, UNPERFORATED, 6-INCH	L.F.	170.00	170.00
90310	REMOVING MARKER POSTS	EACH	10.00	10.00

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1201-04-74 QUANTITY
90451	STEEL DIAPHRAGMS, STRUCTURE B-13-403	EACH	20.00	20.00
90474	PREBORING STEEL PILING	L.F.	50.00	50.00
90555	REINFORCED CONCRETE APRON ENDWALLS FOR UNDERDRAIN, 6-INCH	EACH	10.00	10.00
90590	PIPE GRATES	EACH	15.00	15.00
90656	TEMPORARY DELINEATORS	EACH	26.00	26.00
90726	LOCATING NO PASSING ZONES	MI.	.67	.67
90776	PAVEMENT MARKING, RAISED MARKERS	EACH	100.00	100.00

Sheet 3.4

ALL QUANTITIES
FOR GROUP CODE 010

KEY MAP

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 3A

MISCELLANEOUS QUANTITIES

USH 18 | DANE COUNTY

CLEARING & GRUBBING

STATION - STATION	LOCATION	CLEARING I.D.	CLEARING STA	GRUBBING I.D.	GRUBBING STA
36'G '+00 - 37'G '+00	DAIRY RIDGE RD LT	16		16	
37'G '+00 - 38'G '+00	DAIRY RIDGE RD LT	5		5	
37'G '+00 - 38'G '+00	DAIRY RIDGE RD RT		1		1
38'G '+00 - 39'G '+00	DAIRY RIDGE RD LT		1		1
40'G '+00 - 41'G '+00	DAIRY RIDGE RD LT/RT		1		1
41'G '+00 - 42'G '+00	DAIRY RIDGE RD LT	8		8	
42'G '+00 - 43'G '+00	DAIRY RIDGE RD RT	10		10	
30'DR'+00 - 34'DR'+00	OLD DAIRY RIDGE RD, LT/RT		4		4
34'DR'+00 - 37'DR'+00	OLD DAIRY RIDGE RD, RT		3		3
36'DR'+00 - 38'DR'+00	OLD DAIRY RIDGE RD, LT		2		2
38'DR'+00 - 39'DR'+00	OLD DAIRY RIDGE RD, RT	10		10	
38'DR'+00 - 39'DR'+00	OLD DAIRY RIDGE RD, LT		1		1
39'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD, RT	46		46	
5'OG'+00 - 6'OG'+00	OLD CTH G RT	8		8	
6'OG'+00 - 7'OG'+00	OLD CTH G RT	8		8	
11'OG'+00 - 12'OG'+00	OLD CTH G LT		1		1
12'OG'+00 - 13'OG'+00	OLD CTH G RT		1		1
58'G'+00 - 59'OG'+00	CTH G LT	12		12	
59'G'+00 - 60'G'+00	CTH G LT	12		12	
60'G'+00 - 61'G'+00	CTH G LT	8		8	
62'G'+00 - 63'G'+00	CTH G LT		1		1
69'G'+00 - 65'G'+00	CTH G LT	10		10	
72'G'+00 - 73'G'+00	CTH G RT	24		24	

REMOVING OLD CULVERTS

STATION - STATION	LOCATION	SIZE	EACH
483+20 - 484+30	MEDIAN	12" X 88' RCCP	1
------ - 63'G'+50	CTH G	78" X 120' CSPA	1

REMOVING CONCRETE PAVEMENT

STATION - STATION	LOCATION	S.Y.
437+00 - 446+00	RAMP G-1	200
443+00 - 451+00	RAMP G-2	180
477+75 - 486+50	RAMP G-3	190
476+08 - 484+00	RAMP G-4	180

REMOVING CURB & GUTTER

STATION - STATION	LOCATION	LENGTH L.F.
482+75 - 107'OGC'+85	MAINLINE & 'OGC'	90
107'OGC'+70 - 484+30	MAINLINE & 'OGC'	90
483+25 - 15'ODC' +20	MAINLINE & 'ODC'	90
15'ODC'+10 - 484+30	MAINLINE & 'ODC'	90

REMOVING FENCE

STATION - STATION	LOCATION	LENGTH L.F.
31'OD'+00 - 39'OD'+00	OLD DAIRY RIDGE RD LT	800
39'OR'+50 - 42'OR'+00	DAIRY RIDGE RD RT	250
42'DR'+00 - 43'DR'+00	DAIRY RIDGE RD LT	100
51'G'+00 - 61'G'+00	CTH G LT,RT	1,050
63'G'+00 - 75'G'+00	CTH G RT	1,330
6'OG'+00 - 75'G'+00	OLD CTH G LT	1,930
5'OG'+00 - 62'G'+00	OLD CTH G RT	530
437+00 - 482'G-4'+29	USH 18 LT	4,560
411+00 - 478'G-3'+53	USH 18 RT	3,750

EARTHWORK SUMMARY

STATION - STATION	LOCATION	** EXPANDED ROCK C.Y.	COMMON C.Y.	* EXPANDED FILL C.Y.	(WASTE) OR BORROW C.Y.
436'G-1'+00 - 462'G-1'+28	RAMP G-1	2,700	25,850	10,280	(18,270)
442'G-2'+00 - 462'G-2'+85	RAMP G-2		10,250	43,360	33,110
463'G-3'+60 - 487'G-3'+50	RAMP G-3	13,300	25,320	60,810	22,190
463'G-4'+27 - 485'G-4'+00	RAMP G-4	35,400	68,380	1,420	(102,360)
39'G'+50 - 75'G'+00	CTH G	600	42,370	171,900	128,930
400'S'+00 - 406'S'+00	SISK DRIVE		80	10,740	10,660
37'DT'+00 - 43'DT'+00	TEMP RD--DAIRY RIDGE RD		1,150	3,670	2,520
18'GT'+00 - 24'GT'+00	TEMP RD--CTH G		230	4,360	4,130
5'OG'+00 - 20'OG'+00	OLD CTH G		2,050	19,820	17,770
31'DR'+00 - 39'DR'+50	OLD DAIRY RIDGE RD		1,910	16,970	15,060
15'ODC'+50 - 18'DR'+00	OLD DAIRY RIDGE RD CUL DE SAC		2,240	520	(1,720)
108'OGC'+00 - 111'OGC'+00	OLD CTH G CUL DE SAC		1,170	1,550	380
-- - --	SEDIMENT BASIN			1,100	1,100
480+50 - 488+00	USH 18 MEDIAN CROSSOVER		500		(500)
	TOTAL	52,000	181,500	346,500	113,000

* EXPANDED FILL = FILL x (1.0+25% SHRINKAGE)
** EXPANDED ROCK = ROCK x (1.0+15% SWELL)
WASTE/BORROW = EXPANDED FILL - COMMON CUT - ROCK CUT

OBLITERATING OLD ROAD

STATION - STATION	LOCATION	STA.
8'OG'+00 - 11'OG'+00	EXISTING CTH G	3

CRUSHED AGGREGATE BASE COURSE

STATION - STATION	LOCATION	BASE TON
437'G-1'+00 - 45'G'+92	RAMP G-1 LT	4,250
446'G-1'+00 - 48'G'+03	RAMP G-1 RT	1,250
443'G-2'+00 - 53'G'+45	RAMP G-2 RT	3,350
451'G-2'+00 - 51'G'+35	RAMP G-2 LT	840
51'G'+32 - 486'G-3'+50	RAMP G-3 LT	1,300
52'G'+45 - 486'G-3'+50	RAMP G-3 RT	3,200
48'G'+00 - 484'G-4'+00	RAMP G-4 RT	1,200
45'G'+90 - 484'G-4'+00	RAMP G-4 LT	3,300
39'G'+50 - 46'G'+00	DAIRY RIDGE RD	2,850
48'G'+00 - 48'G'+50	CTH G	750
50'G'+91 - 51'G'+35	CTH G	180
53'G'+45 - 75'G'+00	CTH G	9300
31'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD	2,150
15'ODC'+68 - 18'ODC'+00	OLD DAIRY RIDGE RD CUL DE SAC	1,150
5'OG'+00 - 71'OG'+73	OLD CTH G	4,750
107'OGC'+75 - 111'OGC'+00	OLD CTH G CUL DE SAC	1,150
36'DT'+55 - 43'DT'+50	TEMP RD--OLD DAIRY RIDGE RD	1,600
5'GT'+00 - 8'GT'+50	TEMP RD--OLD CTH G	800
17'GT'+00 - 24'GT'+12	TEMP RD--OLD CTH G	1,200
400'S'+00 - 406'S'+00	SISK DRIVE	570
480+50 - 488+00	USH 18, MEDIAN	360
---- - ----	ROCK UNDERCUT AREAS	3800

ASPHALTIC MATERIAL FOR TACK COAT

STATION - STATION	LOCATION	* GAL
437+00 - 461+00	RAMP G-1 SHOULDERS	55
443+00 - 461+77	RAMP G-2 SHOULDERS	40
464+00 - 486+50	RAMP G-3 SHOULDER	49
463+59 - 484+00	RAMP G-4 SHOULDER	52
39'G'+50 - 46'G'+00	DAIRY RIDGE RD	58
53'G'+45 - 75'G'+00	CTH G	150
31'DR'+00 - 37'DR'+96	OLD DAIRY RIDGE RD	31
5'OG'+00 - 17'OG'+31	OLD CTH G	68
16'ODC'+68 - 18'ODC'+00	OLD DAIRY RIDGE RD CUL DE SAC	26
107'OGC'+75 - 111'OGC'+00	OLD CTH G CUL DE SAC	31

* APPLICATION RATE ASSUMED AT 0.025 GAL/S.Y.

ASPHALTIC CONCRETE PAVEMENT

STATION - STATION	LOCATION	ASPHALTIC CONCRETE PAVEMENT TYPE MV TON	ASPHALTIC CONCRETE PAVEMENT TYPE LV TON	ASPHALTIC MATERIAL FOR PLANT MIX TON
437'G-1'+00 - 461'G-1'+00	RAMP G-1 LT		230	14.0
446'G-1'+00 - 451'G-1'+00	RAMP G-1 RT GORE AREA		86	5.1
451'G-1'+00 - 48'G'+03	RAMP G-1 RT		67	4.0
443'G-2'+00 - 461'G-2'+77	RAMP G-2 RT		180	11.0
451'G-2'+00 - 452'G-2'+70	RAMP G-2 LT GORE AREA		29	1.6
452'G-2'+70 - 51'G'+35	RAMP G-2 LT		61	3.6
446'G-3'+47 - 486'G-3'+50	RAMP G-3 RT		210	13.0
51'G'+33 - 474'G-3'+40	RAMP G-3 LT		68	4.1
474'G-3+40 - 477'G-3'+75	RAMP G-3 LT GORE AREA		58	3.4
48'G'+00 - 472'G-4'+75	RAMP G-4 RT		100	6.0
472'G-4+75 - 476'G-4'+10	RAMP G-4 RT GORE AREA		60	3.5
463'G-4'+59 - 484'G-4'+00	RAMP G-4 LT		196	12.0
39'G'+50 - 45'G'+90	DAIRY RIDGE RD	660		39.9
45'G'+90 - 48'G'+50	CTH G		43	2.5
50'G'+93 - 53'G'+45	CTH G		42	2.5
53'G'+45 - 75'G'+00	CTH G	1,710		103.6
31'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD		395	24.0
5'OG'+00 - 20'OG'+00	OLD CTH G		805	48.0
15'ODC'+68 - 18'ODC'+00	OLD DAIRY CULDESAC		210	13.0
107'OGC'+75 - 111'OGC'+00	OLD CTH G CULDESAC		250	15.0
36'DT'+55 - 43'DT'+50	OLD DAIRY TEMPORARY		310	19.0
5'GT'+00 - 8'GT'+50	OLD CTH G TEMPORARY		155	9.2
17'GT'+80 - 24'GT'+12	OLD CTH G TEMPORARY		280	17.0

PLOT NAME: 74300.DGN PLOT SCALE: 1"=5' REV. DATE: 11-10-92 ORIGINATOR: J.A.PIERONI LEVELS ON: 59,60, 51,

FILE NAME: HDGN: 74300.DGN

ALL QUANTITIES FOR GROUP CODE 010

KEY MAP

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 38

MISCELLANEOUS QUANTITIES

USH 18 DANE COUNTY

PAVEMENT TIES

STATION - STATION	LOCATION	EACH
437'G-1'+00 - 446'G-1'+00	RAMP G-1	327
443'G-2'+00 - 451'G-2'+00	RAMP G-2	292
477'G-3'+75 - 486'G-3'+50	RAMP G-3	318
476'G-4'+08 - 484'G-4'+00	RAMP G-4	288

PREFORMED ELASTOMERIC COMPRESSION JOINT SEALER, 2-INCH

STATION	LOCATION	L.F.
48'G'+71	CTH G	40
50'G'+72	CTH G	40

TEMPORARY CULVERT PIPE

STATION	LOCATION	18-INCH L.F.
40'DT'+00	TEMP RD--DAIRY RIDGE RD	47
18'GT'+90	TEMP RD--CTH G	70

CONCRETE PAVEMENT APPROACH SLAB

STATION - STATION	LOCATION	S.Y.
48'G'+49.5 - 48'G'+71	CTH G	60
50'G'+72 - 50'G'+92.5	CTH G	60

DOWEL BARS

STATION	LOCATION	EACH
48'G'+49.5	CTH G	23
50'G'+92.5	CTH G	23

CONCRETE MASONRY, ENDWALLS

STATION	LOCATION	C.Y.	REMARKS
11'OG'+62	OLD CTH G LT	14	TWIN 72"--RCCP
11'OG'+62	OLD CTH G RT	14	TWIN 72"--RCCP
62'G'+84	CTH G LT	14	TWIN 72"--RCCP
62'G'+84	CTH G RT	14	TWIN 72"--RCCP

CONCRETE PAVEMENT, 9-INCH

STATION - STATION	LOCATION	S.Y.
437'G-1'+00 - 462'G-1'+55	RAMP G-1	4190
443'G-2'+00 - 462'G-2'+85	RAMP G-2	3200
462'G-3'+88 - 486'G-3'+50	RAMP G-3	3890
462'G-4'+59 - 484'G-4'+00	RAMP G-4	3340
45'G'+90 - 48'G'+50	CTH G	660
50'G'+93 - 53'G'+45	CTH G	670
48'G'+50 - 48'G'+71	CTH G, LT & RT	50
50'G'+71 - 50'G'+93	CTH G, LT & RT	50

TEMPORARY PRECAST CONCRETE BARRIER

STATION - STATION	LOCATION	DELIVERED L.F.	INSTALLED L.F.
460+70 - 464+70	USH 18 W.B.	400	400
460+70 - 464+70	USH 18 E.B.	400	400

RIPRAP

STATION	LOCATION	RIPRAP C.Y.
453'G-2'+10	RAMP G-2 RT	6
474'G-4'+00	RAMP G-4 LT	3
474'G-3'+00	RAMP G-3 RT	3
479'G-3'+00	RAMP G-3 RT	3
50'G'+78	CTH G RT	2
50'G'+81	CTH G LT	2
11'OG'+50	OLD CTH G LT/RT	76
62'G'+91	CTH G LT	37
16'ODC'+20	OLD DAIRY RIDGE RD CUL DE SAC LT/RT	12
108'OGC'+09	OLD CTH G CUL DE SAC	6
11 'OG'+50	SEDIMENT BASIN	10

INLETS & INLET COVERS

STATION	LOCATION	TYPE	COVER	DEPTH (FT)	ELEVATION GRATE	ELEVATION INVERT
453+10	RAMP G-1 32.4'RT	8	MS-A	4.0	973.00	969.00
453+10	RAMP G-2 32'LT	8	MS-A	4.5	972.50	958.00
50+80.6	CTH G 20'LT	1	V	5.0	1006.70	1000.95
50+77.5	CTH G 20'RT	1	V	5.0	1006.78	1001.03

STATION	LOCATION	CLASS	REINFORCED CONCRETE CULVERT PIPE, CLASS III & V 18-IN L.F.	24-IN L.F.	36-IN L.F.	72-IN L.F.	CULVERT PIPE CLASS III 12-IN L.F.	CORRUGATED STEEL CULVERT PIPE 36-IN L.F.	PIPE UNDERDRAIN UNPERFORATED 12-IN L.F.	INLET OFFSET	INLET ELEV	OUTLET OFFSET	OUTLET ELEV	APRON ENDWALLS: REINFORCED CONCRETE 18-IN OUTLET EACH	REINFORCED CONCRETE 24-IN INLET EACH	REINFORCED CONCRETE 24-IN OUTLET EACH	REINFORCED CONCRETE 36-IN OUTLET EACH	STEEL 12-IN OUTLET EACH	STEEL 36-IN OUTLET EACH	CULVERT PIPE 12-IN INLET EACH	CULVERT PIPE 12-IN OUTLET EACH	JOINT TIES EACH
453'18'+10	USH 18	III			44					NA	NA	150'RT	948.70				1					4
472'G-4'+00	RAMP G4	III		52						36'RT	976.61	23.5'LT	974.49		1	1						8
473'G-3'+50	RAMP G3	III		35						20'LT	974.60	24'RT	974.00		1	1						
479'18'+75	USH 18	III		40						NA	NA	95'RT	955.50			1						8
50'G'+81	CTH G	--							40	20'LT	1000.95	50'LT	990.00					1				
50'G'+78	CTH G	--							40	20'RT	1001.03	50'RT	990.00					1				24
62'G'+84	CTH G	V				506*				103'RT	928.87	97'LT	927.10									24
11'OG'+62	OLD G	III				96				26'RT	926.55	26'LT	926.16									
67'G'+00	CTH G	III		138						63'RT	929.00	80'LT	921.50		1	1						8
108'OGC'+80	OLD CTH G CUL DE SAC	--						10		NA	NA	90'LT	929.50						1			
402'S'+00	SISK DRIVE	--					84			41'LT	931.43	43'RT	930.66							1	1	
440'G-1'+00	RAMP G-1	III	20							NA	NA	20'LT	NA	1								4

*NOTE: CLASS B BEDDING REQUIRED

PIPE GRATES

STATION	LOCATION	24 INCH EACH	36 INCH EACH	72 INCH EACH
453'18'+10	USH 18		1	
472'G-4'+00	RAMP G-4	2		
473'G-3'+50	RAMP G-3	2		
479'18'+75	USH 18	1		
479'18'+75	USH 18	1		
62'G'+90	CTH G			2
11'OG'+50	OLD CTH G			2
67'G'+00	CTH G	2		
108'OGC'+80	OLD CTH G CUL DE SAC	2		

CONCRETE CURB, TYPE A

STATION - STATION	LOCATION	L.F.
50'G'+73 - 50'G'+85	CTH G LT	12
50'G'+71 - 50'G'+83	CTH G RT	12

CONCRETE CURB & GUTTER, 36 INCH

STATION - STATION	LOCATION	TYPE A L.F.	TYPE D L.F.
461'G-1'+96 - 46'DR'+92	RADIUS	75	--
462'G-2'+27 - 52'G'+45	RADIUS	77	--
52'G'+45 - 463'G-3'+47	RADIUS	76	--
46'DR'+90 - 463'G-4'+09	RADIUS	77	--
17'OG'+81 - 70'G'+45	RADII RT	--	195
17'OG'+81 - 71'G'+74	RADII LT	--	255

CORRUGATED STEEL PIPE UNDERDRAIN, UNPERFORATED, 6-INCH PIPE, MARKER POST REMOVAL AND MARKING OUTFALLS

STATION	OUTSIDE LOCATION	OUTSIDE L.F.	6" APRON ENDWALLS EA.	REMOVE MARKER POSTS EA.	PAVEMENT MARKING, OUTFALL MARKER EA.
438+50	W.B.	5	1	1	1
440+50	W.B.	11	1	1	1
445+50	W.B.	23	1	1	1
445+50	E.B.	13	1	1	1
450+00	W.B.	29	1	1	1
450+00	E.B.	20	1	1	1
476+60	W.B.	27	1	1	1
476+60	E.B.	27	1	1	1
482+00	W.B.	6	1	1	1
482+00	E.B.	9	1	1	1

PLOT NAME: 74300.DGN PLOT SCALE: 1'=5' REV. DATE: 11-10-92 ORIGINATOR: J.A.PIERONI
59,60, 5/ LEVELS ON *
FILE NAME: HDGN: 74300.DGN
WISDOT/CADDS SHEET 42

MISCELLANEOUS QUANTITIES

USH 18 DANE COUNTY

ALL QUANTITIES FOR GROUP CODE 010

KEY MAP

STEEL PLATE BEAM GUARD, STRUCTURE, & ANCHORAGES

STATION - STATION	LOCATION	STEEL PLATE BEAM GUARD CLASS A L.F.	STEEL PLATE BEAM GUARD CLASS B L.F.	STEEL THRIE BEAM STRUCTURE APPROACH L.F.	ANCHORAGES FOR STEEL PLATE BEAM GUARD, TYPE 1 EACH
48'G'+71.97 - 48'G'+45.07	CTH G RT			27	
48'G'+45.07 - 48'G'+01.32	CTH G RT	44			
48'G'+01.32	CTH G 24' RT				1
48'G'+48.16 - 48'G'+75.06	CTH G LT			27	
48'G'+04.41 - 48'G'+48.16	CTH G LT	44			
48'G'+04.41	CTH G 24' LT				1
50'G'+67.80 - 50'G'+94.70	CTH G RT			27	
50'G'+94.70 - 51'G'+38.45	CTH G RT	44			
51'G'+38.45	CTH G 24' RT				1
50'G'+70.89 - 50'G'+97.79	CTH G LT			27	
50'G'+97.79 - 51'G'+41.54	CTH G LT	44			
51'G'+41.54	CTH G 24' LT				1
DAIRY RIDGE ROAD CUL DE SAC			50		
OLD CTH G CUL DE SAC			50		
461+80 - 463+50	USH 18 RT	200			
461+80 - 463+50	USH 18 LT	200			

WOVEN WIRE FENCE

STATION - STATION	LOCATION	LENGTH L.F.
437+00 - 46'G'+70	LT	2,485
441+00 - 462'G-2'+27	RT	2,145
463'G-4'+39 - 486'G-4'+00	LT	2,265
53'G'+00 - 478'G-3'+53	RT	1,505
482'G-3'+42 - 484'G-3'+30	RT	260

LANDMARK REFERENCE MONUMENTS AND CAST IRON COVERS

STATION	LOCATION	MONUMENT EACH	MONUMENT AND COVERS EACH
462+63.36	84.4' LT	4	1

ASPHALTIC FLUMES

STATION	LOCATION	S.Y.
462'G-1'+00	RAMP G-1 LT	20
462'G-2'+25	RAMP G-2 RT	10
463'G-3'+50	RAMP G-3 RT	16
463'G-4'+00	RAMP G-4 LT	9
47'G'+00	DAIRY RIDGE RD LT	11
47'G'+00	DAIRY RIDGE RD RT	20
52'G'+50	CTH G LT	7
52'G'+50	CTH G RT	7
17'OG'+81	OLD G LT	7
17'OG'+81	OLD G RT	7

TOPSOIL, SALVAGED TOPSOIL, MULCHING, FERTILIZER, & SEEDING

STATION - STATION	LOCATION	TOPSOIL S.Y.	SALVAGED TOPSOIL S.Y.	MULCHING TONS	FERTILIZER TYPE B C.W.T.	SEEDING NO.10 & 20 LBS.
437'G-1'+00 - 46'G'+00	RAMP G-1 LT		13,600	6	10	370
451'G-1'+00 - 463'G-1'+00	RAMP G-1 RT		8,900	4	6	240
442'G-2'+00 - 53'G'+00	RAMP G-2 RT		17,900	8	12	480
453'G-2'+00 - 463'G-2'+00	RAMP G-2 LT		10,000	5	6	270
53'G'+00 - 478'G-3'+53	RAMP G-3 RT		17,200	8	10	460
463'G-3'+00 - 474'G-3'+00	RAMP G-3 LT		7,500	3	5	200
46'G'+00 - 478'G-4'+53	RAMP G-4 LT		17,200	8	10	460
463'G-4'+00 - 472'G-4'+50	RAMP G-4 RT		9,300	4	6	250
53'G'+00 - 60'G'+00	CTH G LT		6,400	3	4	90
53'G'+00 - 60'G'+00	CTH G RT		18,200	9	12	250
60'G'+00 - 75'G'+00	CTH G RT		11,400	5	8	155
39'G'+50 - 46'G'+00	DAIRY RIDGE RD LT		3300	2	2	45
39'G'+50 - 46'G'+00	DAIRY RIDGE RD RT		5,500	3	3	75
5'OG'+00 - 75'G'+00	OLD CTH G LT		4,600	2	3	65
5'OG'+00 - 70'G'+00	OLD CTH G RT		7,600	4	5	105
31'DR'+00 - 39'DR'+00	OLD D.R. RD LT		4,200	2	3	60
31'DR'+00 - 39'DR'+00	OLD D.R. RD RT		3,800	2	2	55
111'OGC'+00 - 485'18EB'+00	OLD CTH G CULDESAC	3,000		1	2	40
18'ODC'+00 - 485'18WB'+00	OLD DR RD CULDESAC	2,200		1	2	30
480'18'+50 - 488'18'+00	USH 18 EB/WB	1,200		1	1	30
400'S'+00 - 406'S'+00	SISK DRIVE	3,600		2	2	50
11'OG'+50	SEDIMENT BASIN		900	1	6	120

EROSION MAT

STATION - STATION	LOCATION	DELIVERED S.Y.	INSTALLED S.Y.
444'G-2'+00 - 452'G-2'+00	RAMP G-2 RT	550	550
474'G-3'+25 - 480'G-3'+25	RAMP G-3 RT	400	400
474'G-4'+00 - 480'G-4'+50	RAMP G-4 LT	400	400
44'G'+00 - 47'G'+00	CTH G LT	200	200
45'G'+00 - 47'G'+00	CTH G RT	150	150
---- - ----	UNDISTRIBUTED	300	300

EROSION BALES

STATION	LOCATION	DELIVERED EACH	INSTALLED EACH
452'G-1'+50	RAMP G-1 LT	3	3
454'G-1'+00	RAMP G-1 LT	3	3
458'G-1'+00	RAMP G-1 LT	3	3
446'G-2'+00	RAMP G-2 RT	3	3
452'G-2'+00	RAMP G-2 RT	3	3
455'G-2'+00	RAMP G-2 RT	3	3
458'G-2'+00	RAMP G-2 RT	3	3
473'G-3'+25	RAMP G-3 RT	3	3
467'G-4'+50	RAMP G-4 LT	3	3
472'G-4'+50	RAMP G-4 LT	3	3
480'G-4'+00	RAMP G-4 LT	3	3
47'G'+00	DAIRY RIDGE RD LT	3	3
47'G'+00	DAIRY RIDGE RD RT	3	3
38'DR'+00	OLD DAIRY RIDGE RD RT	3	3
36'DR'+00	OLD DAIRY RIDGE RD LT	3	3
33'DR'+00	OLD DAIRY RIDGE RD LT	3	3
6'OG'+50	OLD CTH G LT	3	3
6'OG'+50	OLD CTH G RT	3	3
444'G-1'+50	RAMP G-1 LT	3	3
455'G-1'+00	RAMP G-1 RT	3	3
459'G-1'+00	RAMP G-1 RT	3	3
455'G-2'+00	RAMP G-2 LT	3	3
459'G-2'+00	RAMP G-2 LT	3	3
466'G-2'+00	RAMP G-2 LT	3	3
470'G-2'+00	RAMP G-2 RT	3	3
466'G-4'+00	RAMP G-4 RT	3	3
470'G-4'+00	RAMP G-4 RT	3	3
67'G'+00	CTH G RT	3	3
70'G'+50	CTH G RT	3	3
----	UNDISTRIBUTED	13	13

SILT FENCE, SILTY

STATION - STATION	LOCATION	DELIVERED L.F.	INSTALLED L.F.	MAINTENANCE L.F.
443'G-1'+00 - --	RAMP G-1 LT	20	20	20
453'G-1'+10 - --	RAMP G-1 LT	20	20	20
453'G-1'+10 - --	RAMP G-1 RT	40	40	40
458'G-1'+00 - 463'G-1'+00	RAMP G-1 RT	500	500	500
453+10 - --	USH 18 MEDIAN	40	40	40
453'G-2'+10 - --	RAMP G-2 LT	40	40	40
450'G-2'+00 - 454'G-2'+00	RAMP G-2 RT	400	400	400
458'G-2'+00 - 462'G-2'+50	RAMP G-2 RT	450	450	450
460'G-2'+00 - 463'G-2'+00	RAMP G-2 LT	300	300	300
463'G-3'+00 - 467'G-3'+00	RAMP G-3 LT	400	400	400
463'G-3'+00 - 469'G-3'+00	RAMP G-3 RT	600	600	600
471'G-3'+00 - 475'G-3'+50	RAMP G-3 RT	450	450	450
480'G-3'+00 - 483'G-3'+00	RAMP G-3 RT	300	300	300
463'G-4'+00 - 466'G-4'+00	RAMP G-4 RT	300	300	300
467'G-4'+00 - 475'G-4'+00	RAMP G-4 LT	800	800	800
480'G-4'+00 - 484'G-4'+00	RAMP G-4 LT	400	400	400
37'DT'+00 - 43'DT'+00	TEMP RD--DAIRY RIDGE RD LT	600	600	600
42'G'+00 - 43'G'+00	DAIRY RIDGE	100	100	100
39'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD	100	100	100
52'G'+50 - 64'G'+00	CTH G LT	1,150	1,150	1,150
56'G'+00 - 64'G'+00	CTH G LT	800	800	800
52'G'+50 - 62'G'+00	CTH G RT	950	950	950
63'G'+50 - 65'G'+00	CTH G RT	250	250	250
66'G'+00 - --	CTH G LT	80	80	80
68'G'+00 - --	CTH G LT	80	80	80
70'G'+00 - --	CTH G RT	20	20	20
31'DR'+00 - 38'DR'+50	OLD DAIRY RIDGE RD RT	750	750	750
6'OG'+50 - 18'OG'+00	OLD CTH G LT	1,150	1,150	1,150
6'OG'+50 - 12'OG'+00	OLD CTH G RT	550	550	550
18'GT'+00 - 24'GT'+00	TEMP RD--OLD CTH G LT	600	600	600
401'S'+00 - 406'S'+00	SISK LT	500	500	500
401'S'+00 - 406'S'+00	SISK RT	500	500	500
-- - --	UNDISTRIBUTED	960	960	960

NOTE: ASSUME SILTY SOILS

PLOT NAME: 74300.DGN PLOT SCALE: 1"=5' REV. DATE: 11-09-92 ORIGINATOR: J.A.PIERONI
59.60, 51, LEVELS ON
FILE NAME: HDGN: 74300.DGN
WISDOT/CADDS SHEET 42

ALL QUANTITIES
FOR GROUP CODE 010

KEY MAP

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 3D

MISCELLANEOUS QUANTITIES

USH 18 — DANE COUNTY

SEDIMENTATION BASIN CULVERT PIPE AND CLEANING

LOCATION	CORRUGATED STEEL CULVERT PIPE 12-INCH L.F.	CORRUGATED STEEL CULVERT PIPE 36-INCH L.F.	CORRUGATED STEEL RISER PIPE EACH	CLEANING SEDIMENT BASINS C.Y.	*SHOWN IN CULVERT PIPE TABLE
SEDIMENT BASIN	25	55	1	250	
*OLD CTH G CUL DE SAC		10			

SODDING & REINFORCED SODDING

STATION - STATION	LOCATION	SODDING S.Y.	REINFORCED SODDING S.Y.
453'G-1'+00 - 462'G-1'+00	RAMP G-1 LT	--	600
454'G-2'+00 - 458'G-2'+00	RAMP G-2 RT	--	270
469'G-3'+25 - 474'G-3'+25	RAMP G-3 RT	--	350
463'G-4'+00 - 474'G-4'+00	RAMP G-4 LT	--	750
480'G-4'+00 - 483'G-4'+50	RAMP G-4 LT	--	235
33'DR'+00 - 39'DR'+00	OLD DAIRY RIDGE RD LT	--	400
38'DR'+00 - 39'DR'+00	OLD DAIRY RIDGE RD RT	100	--
67'G'+00 - --	CTH G RT	10	--
453'G-2'+10 - --	RAMP G-2, LT	10	--
462'G-1'+00 - --	RAMP G-1 LT	10	--
462'G-2'+00 - --	RAMP G-2 RT	10	--
463'G-3'+50 - --	RAMP G-3 RT	10	--
463'G-4'+00 - --	RAMP G-4 LT	10	--
43'G'+50 - 47'G'+00	DAIRY RIDGE RD. LT	--	235
45'G'+00 - 47'G'+00	DAIRY RIDGE RD. RT	--	200
47'G'+00 - --	DAIRY RIDGE RD LT	10	--
47'G'+00 - --	DAIRY RIDGE RD RT	10	--
52'G'+50 - --	CTH G LT	10	--
52'G'+50 - --	CTH G RT	10	--
17'OG'+81 - --	OLD CTH G LT	10	--
17'OG'+81 - --	OLD CTH G RT	10	--
11'OG'+50 - --	SEDIMENT BASIN RT	55	--
-- --	UNDISTRIBUTED	225	360

REMOVING SIGNS, TYPE II AND SMALL SIGN SUPPORTS

STATION	LOCATION	CODE	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STAGE
466+50	USH 18 EB RT	J1-1	1	1	1
481+20	USH 18 EB LT	R5-9	1	1	2B
482+50	USH 18 EB RT	J3-1	1	1	2B
482+70	USH 18 EB LT	R5-1	1	1	2B
483+15	USH 18 EB LT	R4-7	1	1	2B
483+50	USH 18 WB RT	J3-2	1	1	2B
483+50	USH 18 WB RT	J3-2	1	1	2B
483+50	USH 18 WB RT	R1-1	1	1	2B
483+50	USH 18 WB RT	R6-3	1	1	2B
484+00	USH 18 EB RT	R1-1	1	1	2B
484+00	USH 18 EB RT	R6-3	1	1	2B
484+00	USH 18 EB RT	J3-2	1	1	2B
484+00	USH 18 EB RT	J3-2	1	1	2B
484+25	USH 18 WB LT	R4-7	1	1	2B
484+50	USH 18 WB LT	J3-1	1	1	2B
484+80	USH 18 WB LT	R5-1	1	1	2B
484+20	USH 18 WB LT	R5-9	1	1	2B
484+00	USH 18 WB RT	J1-1	1	1	1

TRAFFIC CONTROL ARROW BOARDS

STATION	LOCATION	STAGE	DAYS
433'18'+40	USH 18 E.B.	1	100
439'18'+70	USH 18 E.B.	1	100
487'18'+30	USH 18 W.B.	1	100
439'18'+60	USH 18 W.B.	1	100

TRAFFIC CONTROL, DRUMS

STATION - STATION	LOCATION	STAGE	DAYS
434+00 - 488+00	USH 18	1	24,500
37'DT'+00 - 43'DT'+25	TEMP RD--DAIRY RIDGE RD	1	4,400
5'GT'+00 - 24'GT'+72	TEMP RD--CTH G	1	8,200

TRAFFIC CONTROL, BARRICADES, TYPE III

STATION - STATION	LOCATION	STAGE	DAYS
434+00 - 488+00	USH 18	1	310
37'DT'+00 - 43'DT'+25	TEMP RD--DAIRY RIDGE RD	1	940
5'GT'+00 - 24'GT'+12	TEMP RD--CTH G	1	940
31'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD	2A	60
16'ODC'+68 - 18'ODC'+00	OLD DAIRY RIDGE RD CUL DE SAC	2A	10
107'OGC'+75 - 111'OGC'+00	OLD CTH G CUL DE SAC	2A	10
5'OG'+00 - 75'G'+00	OLD CTH G	2A	60
16'ODC'+68 - 18'ODC'+00	OLD DAIRY RIDGE RD CUL DE SAC	2B	70
107'OGC'+75 - 111'OGC'+00	OLD CTH G CUL DE SAC	2B	70

TRAFFIC CONTROL, WARNING LIGHTS, TYPE A

STATION - STATION	LOCATION	STAGE	DAYS
434'18'+00 - 488'18'+00	USH 18	1	2,000
434'18'+00 - 488'18'+00	USH 18	2A	100
37'DT'+00 - 43'DT'+00	TEMP RD--DAIRY RIDGE RD	1	2,400
5'GT'+00 - 24'GT'+12	TEMP RD--CTH G	1	2,500
31'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD	2A	200
16'ODC'+68 - 18'ODC'+00	OLD DAIRY RD CUL DE SAC	2A	50
107'OGC'+75 - 111'OGC'+00	OLD CTH G CUL DE SAC	2A	50
5'OG'+00 - 75'G'+00	OLD CTH G	2A	100
16'ODC'+68 - 18'ODC'+00	OLD DAIRY RD CUL DE SAC	2B	100
107'OGC'+75 - 110'OGC'+00	OLD CTH G CUL DE SAC	2B	100

TRAFFIC CONTROL, WARNING LIGHTS, TYPE C

STATION - STATION	LOCATION	STAGE	DAYS
37'DT'+00 - 43'DT'+25	TEMP RD--DAIRY RIDGE RD	1	4,400
5'OG'+00 - 24'GT'+12	TEMP RD--CTH G	1	8,200

TRAFFIC CONTROL, SIGNS

STATION - STATION	LOCATION	STAGE	24"x24" DAYS	42"x36" DAYS	48"x30" DAYS	48"x48" DAYS	60"x24" DAYS	60"x30" DAYS
ADVANCE SIGNING		1				2,198	628	
ADVANCE SIGNING		2A				112	56	
ADVANCE SIGNING		2B				136	68	
434+00 - 488+00	MAINLINE	1			314			
37'DT'+00 - 43'DT'+00	DT	1	314		314	314		314
5'GT'+00 - 24'GT'+12	GT	1	628		314	628		314
57'G'+00 - 73'G'+00	G	1			140			
38'G'+00 - 57'G'+00	G	2A	28			28		
31'DR'+00 - 40'DR'+00	OLD DAIRY RIDGE RD	2A			28			
16'ODC'+68 - 18'ODC'+00	OLD DAIRY RD CULDESAC	2A						14
107'OGC'+68 - 111'OGC'+00	OLD CTH G CULDESAC	2A						14
5'OG'+00 - 75'G'+00	OLD CTH G	2A			28			
16'ODC'+68 - 18'ODC+00	OLD DAIRY RD CULDESAC	2B			34			
107'OGC'+75 - 111'OGC'+00	OLD CTH G CULDESAC	2B			34			
ADVANCE SIGNING	BLASTING	1		100				

TEMPORARY DELINEATORS

STATION - STATION	LOCATION	STAGE	EACH
5'GT'+00 - 24'GT'+12	TEMP RD--CTH G	1	26

PLOT NAME: 74300.DGN PLOT SCALE: 1"=5' REV. DATE: 11-09-92 ORIGINATOR: J.A.PIERONI

59.60, 51, LEVELS ON *

FILE NAME: HDGN: 74300.DGN

KEY MAP

MISCELLANEOUS QUANTITIES

USH 18 — DANE COUNTY

SIGNING

SIGN NO.	CODE NO.	SIGN MESSAGE	SIZE INCHES	SIGN AREA TYPE II S.F.	SIGN AREA TYPE III S.F.	SAME POST AS SIGN NO.	WOOD POSTS 4 x 6 INCH 14' EACH	16' EACH	18' EACH	20' EACH	REMARKS
3	E5-1A (5)	EXIT NUMER 88 (ARROW)	90 x 60		37.50				2		
4	W3-1 (3)	STOP AHEAD	36 x 36	9.00				1			
5	J12-1 (2)	CTH G (ARROW)	24 x 45	7.50				1			
6	D1-1 (3)	DAIRY RIDGE RD (ARROW)	126 x 21	18.38			2				
7	R5-9 (3)	WRONG WAY	42 x 30	8.75			1				
8	R5-9 (3)	WRONG WAY	42 x 30	8.75			1				
9	R1-1 (3)	STOP	36 x 36	9.00				1			
10	R1-1 (3)	STOP	36 x 36	9.00				1			
11	J13-1 (2)	CTH G (ARROW)	24 x 39	6.50				1			
12	R5-1 (2)	DO NOT ENTER	30 x 30	6.25		11					
13	R5-57 (5)	PEDESTRIANS PROHIBITED	36 x 48	12.00				1			
14	W4-1 (5)	MERGING TRAFFIC	48 x 48	16.00				2			
16	E5-1A (5)	EXIT NUMER 88 (ARROW)	90 x 60		37.50				2		
17	W3-1 (3)	STOP AHEAD	36 x 36	9.00				1			
18	J12-1 (2)	CTH G (ARROW)	24 x 45	7.50				1			
19	D1-2 (3)	MT VERNON, DAIRY RIDGE RD (ARROWS)	126 x 36	31.50				2			
20	R5-9 (3)	WRONG WAY	42 x 30	8.75			1				
21	R5-9 (3)	WRONG WAY	42 x 30	8.75			1				
22	R6-2R (2)	ONE WAY RIGHT ARROW	18 x 24	3.00		31					
23	R1-1 (3)	STOP	36 x 36	9.00				1			
24	R1-1 (3)	STOP	36 x 36	9.00				1			
25	R5-1 (2)	DO NOT ENTER	30 x 30	6.25				1			
26	R5-57 (5)	PEDESTRIANS PROHIBITED	36 x 48	12.00				1			
27	W4-1 (5)	MERGING TRAFFIC SYMBOL	48 x 48	16.00				2			
28	J4-2 (5)	WEST 18, SOUTH 151	36 x 87	21.75						2	
29	R2-1 (5)	55 MPH	48 x 60	20.00					2		
30	R6-2L (2)	ONE WAY LEFT ARROW	18 x 24	3.00		31					
31	R5-1 (2)	DO NOT ENTER	30 x 30	6.25				1			
50	W1-1R (2)	RIGHT TURN	36 x 36	9.00				1			
51	W13-1 (2)	30 MPH	18 x 18	2.25		50					
52	J1-3 (2)	JCT 18, JCT 151, JCT CTH G	72 x 39	19.50				2			
53	J2-2 (2)	WEST 18, SOUTH 151 (ARROWS)	48 x 57	19.00					2		
54	J2-2 (2)	EAST 18, NORTH 151 (ARROWS)	48 x 57	19.00					2		
55	J12-1 (2)	CTH G (ARROW)	24 x 45	7.50		54					
56	D1-2 (2)	MADISON, MT HOREB (ARROWS)	72 x 30	15.00				2			
57	J3-2 (2)	WEST 18, SOUTH 151 (ARROWS)	48 x 51	17.00					2		
58	R3-2 (2)	NO LEFT TURN	24 x 24	4.00			1				
59	J13-1 (2)	CTH G (ARROW)	24 x 39	6.50				1			
60	J2-2 (2)	EAST 18, NORTH 151 (ARROWS)	48 x 57	19.00					2		
61	W5-52R (2)	CLEARANCE STRIPER DOWN LEFT	12 x 36	3.00				1			
62	D1-1 (2)	MADISON (ARROW)	60 x 15	6.25		63					
63	W5-52L (2)	CLEARANCE STRIPER DOWN RIGHT	12 x 36	3.00				2			
64	J3-2 (2)	EAST 18, NORTH 151 (ARROWS)	48 x 51	17.00					2		
65	R6-2L (2)	ONE WAY LEFT ARROW	18 x 24	3.00		66					
66	R5-1 (2)	DO NOT ENTER	30 x 30	6.25				1			
67	R6-2R (2)	ONE WAY RIGHT ARROW	18 x 24	3.00		66					
68	M1-5a (2)	CTH G	24 x 24	4.00			1				
69	J1-3 (2)	JCT 18, JCT 151, END CTH G	72 x 39	19.50				2			
70	J2-4 (2)	W 18, S 151, E 18, N 151 (ARROWS)	96 x 57	38.00					2		
71	D1-2 (2)	MT HOREB, MADISON (ARROWS)	72 x 30	15.00				2			
72	J3-2 (2)	EAST 18, NORTH 151 (ARROWS)	48 x 51	17.00					2		
73	R3-2 (2)	NO LEFT TURN	24 x 24	4.00			1				
74	J2-2 (2)	WEST 18, SOUTH 151 (ARROWS)	48 x 57	19.00					2		
75	W5-52R (2)	CLEARANCE STRIPER DOWN LEFT	12 x 36	3.00				1			
76	D1-1 (2)	MT. HOREB (ARROW)	72 x 15	7.50		77					
77	W5-52L (2)	CLEARANCE STRIPER DOWN RIGHT	12 x 36	3.00				2			
78	J3-2 (2)	WEST 18, SOUTH 151 (ARROWS)	48 x 51	17.00					2		
79	W1-1L (2)	LEFT TURN	36 x 36	9.00				1			
80	W13-1 (2)	30 MPH	18 x 18	2.25		79					
100	W3-1 (2)	STOP AHEAD	36 x 36	9.00				1			
101	W1-1L (2)	LEFT TURN	36 x 36	9.00				1			
102	W13-1 (2)	20 MPH	18 x 18	2.25		101					
103	R1-1 (2)	STOP	30 x 30	6.25				1			
104	W14-1 (2)	DEAD END	30 x 30	6.25				1			
105	J1-1 (2)	JCT CTH G	24 x 39	6.50				1			
106	W3-1 (2)	STOP AHEAD	36 x 36	9.00				1			
107	W1-1R (2)	RIGHT TURN	36 x 36	9.00				1			
108	W1-6 (2)	NIGHT ARROW (SINGLE)	48 x 24	8.00			1				
109	R1-1 (2)	STOP	30 x 30	6.25				1			
110	W1-6 (2)	NIGHT ARROW (SINGLE)	48 x 24	8.00			1				
111	W14-1 (2)	DEAD END	30 x 30	6.25				1			
112	W1-6 (2)	NIGHT ARROW (SINGLE)	48 x 24	8.00			1				
113	W1-6 (2)	NIGHT ARROW (SINGLE)	48 x 24	8.00			1				

ALL QUANTITIES
FOR GROUP CODE 010

DELINEATORS AND DELINEATOR POSTS

STATION - STATION	LOCATION	DELINEATORS WHITE EACH	DELINEATORS POSTS EACH
"G-1" RAMP	LT.	44	27
"G-2" RAMP	RT.	34	22
"G-3" RAMP	RT.	37	24
"G-4" RAMP	LT.	34	22
FOR MOUNTING E1-5 SIGNS (LISTED ELSEWHERE)			9

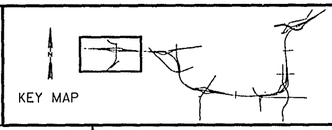
SIGNING, TYPE I

SIGN NO.	CODE NO.	SIGN MESSAGE	SIZE INCHES	SIGN AREA TYPE I S.F.	STEEL POST TYPE	HIGH STRENGTH STRUCTURAL STEEL SIGN SUPPORTS LBS.	CONCRETE MASONRY SIGN SUPPORTS C.Y.	BAR STEEL REINFORCEMENT SIGN SUPPORTS LBS.	DELINEATOR POSTS EACH	OFFSET DISTANCE	REMARKS
1A	E1-1A (5)	CTH G, DAIRY RIDGE RD, 1 MILE	276 x 126	241.50	2B	994	1.6	100		34'	
1B	E1-5 (5)	EXIT 88	108 x 24	18.00					3		
2A	E4-1A (5)	CTH G, DAIRY RIDGE RD	312 x 96	208.00	2B	923	1.6	100		34'	
2B	E1-5 (5)	EXIT 88	108 x 24	18.00					3		
15A	E4-1A (5)	CTH G, DAIRY RIDGE RD	312 x 96	208.00	2B	923	1.6	100		34'	
15B	E1-5 (5)	EXIT 88	108 x 24	18.00					3		

PLOT NAME: 74300.DGN PLOT SCALE: 1'=5' REV. DATE: 11-09-92 ORIGINATOR: J.A.PIERONI LEVELS ON 59,60, 5,

ALL QUANTITIES
FOR GROUP CODE 010

KEY MAP



STATE PROJECT NUMBER
1201-04-74

SHEET NO.
31

MISCELLANEOUS QUANTITIES

USH 18 — DANE COUNTY

PAVEMENT MARKING, EPOXY

LOCATION	STATION - STATION	CENTERLINE 4-INCH YELLOW L.F.	EDGE LINE 4-INCH WHITE L.F.	EDGE LINE 4-INCH YELLOW L.F.	CHANNELIZING 8-INCH WHITE L.F.	DIAGONAL 24-INCH WHITE L.F.	STOPLINE 24-INCH WHITE L.F.	ARROWS TYPE 4 EACH	RAISED PAVEMENT MARKERS EACH	REMARKS
RAMP G-1	436+00 - 462+00		2,600							
	447+00 - 451+80				480					
	451+80 - 462+66.45			1,100						
RAMP G-2	442+00 - 462+30		2,030							
	450+68.6 - 453+00				235					
	452+90 - 462+97.25			1,020						
	450+68.6 - 453+00					135			24	TWO-WAY WHITE/RED
	462+70 - --						45			
	460+00 - --							1	8	TWO-WAY WHITE/RED
RAMP G-3	463+50 - 487+50		2,400							
	473+70 - 476+90				320					
	462+75.82 - 473+70			1,155						
RAMP G-4	463+00 - 484+00		2,100							
	472+70 - 476+10				340					
	462+39.48 - 472+70			1,040						
	472+70 - 476+10					210			14	TWO-WAY WHITE/RED
	462+67 - --						45			
	465+00 - --							1	16	TWO-WAY OPAQUE WHITE/RED
OLD CTH G	17+00 - 19+72 LT & RT	500					35			
	19+72 - -- RT									
USH 18	RAMP G-1 GORE				480					
	RAMP G-2 GORE				235				24	ONE-WAY WHITE
	RAMP G-3 GORE				320					
	RAMP G-4 GORE				340				14	ONE-WAY WHITE
	483+00 - 488+00, WB, RT			500						
	480+50 - 484+50, EB, LT			400						
DAIRY RIDGE ROAD	39+50 - 46+90 RT		740							
	39+50 - 42+90 LT		340							
	43+90 - 46+50 LT		300							
	39+72 - --						25			
	39+50 - 47+50 RT	800								
	39+50 - 47+50 LT	800								
CTH G	47+50 - 51+35 RT		385							
	52+45 - 74+00 RT		2,155							
	47+50 - 51+30 LT		380							
	52+45 - 70+45 LT		1,800							
	71+73 - 74+00 LT		230							
	47+50 - 74+00 RT	2,650								
	47+50 - 74+00 LT	2,650								

REMOVING PAVEMENT MARKINGS

STATION - STATION	LOCATION	L.F.
8'GT'+00 - 17'GT'+00	TEMP RD--CTH G	50
22'GT'+00 - 24'GT'+12	TEMP RD--CTH G	50
482+00 - 486+00	MEDIAN CROSSOVER	350
436'G1'+00 - 452'G1'+00	RAMP G-1	1500
442'G2'+00 - 453'G2'+00	RAMP G-2	1100
471'G4'+95 - 484'G4'+00	RAMP G-4	1200
473'G3'+50 - 487'G3'+50	RAMP G-3	1400

GEOTEXTILE FABRIC, TYPE R

STATION - STATION	LOCATION	S.Y.
453 'G-2' +10	RAMP G-2 RT	34
474 'G-4' +00	RAMP G-4 LT	18
474 'G-3' +00	RAMP G-3 RT	18
479 'G-3' +00	RAMP G-3 RT	9
50 'G' +78	CTH G RT	6
50 'G' +81	CTH G LT	6
11 'OG' +50	OLD CTHG RT/LT	222
62 'G' +90	CTH G LT	113
16 'ODC' +20	OLD DAIRYRIDGE RD. CUL DU SAC LT/RT	36
108 'OGC' +80	OLD CTH G CUL DU SAC LT	18
11 'OG' +50	SEDIMENT BASIN	20

SAWING EXISTING PAVEMENT

STATION	LOCATION	LENGTH L.F.
39'DR'+50	DAIRY RIDGE RD	20
37'DR'+00	DAIRY RIDGE RD	20
18'ODC'+00	OLD DAIRY RIDGE RD CUL DE SAC	20
31'DR'+00	OLD DAIRY RIDGE RD	20
5'OG'+00	OLD CTH G	20
75'G'+00	CTH G	20
111'OGC'+00	OLD CTH G CUL DE SAC	20
24'GT'+12	TEMP RD--CTH G	20
43'DT'+25	TEMP RD--OLD DAIRY RIDGE RD	20
480+50 - 488+00	MEDIAN SHOULDER LT	450
480+50 - 488+00	MEDIAN SHOULDER RT	450

SAWING CONCRETE PAVEMENT, FULL DEPTH

STATION - STATION	LOCATION	LENGTH L.F.
437+00 - 446+00	RAMP G1	904
443+00 - 451+00	RAMP G2	804
477+75 - 486+50	RAMP G3	876
476+08 - 484+00	RAMP G4	796

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE

STATION - STATION	LOCATION	PAVEMENT MARKING CENTERLINE 4-INCH YELLOW L.F.	PAVEMENT MARKING EDGE LINE 4-INCH WHITE L.F.	REMOVABLE TAPE CENTERLINE 4-INCH YELLOW L.F.	REMOVABLE TAPE EDGE LINE 4-INCH WHITE L.F.	STAGE
37'DT'+00 - 38'DT'+00	'DT'LT				100	1
37'DT'+00 - 39'DT'+00	'DT'RT				210	1
37'DT'+00 - 39'DT'+00	'DT'CENTERLINE			360		1
38'DT'+00 - 43'DT'+25	'DT'LT		560			1
39'DT'+00 - 43'DT'+25	'DT'RT		460			1
39'DT'+00 - 43'DT'+25	'DT'CENTERLINE	940				1
5'GT'+00 - 8'GT'+50	'GT'LT		340			1
5'GT'+00 - 8'GT'+50	'GT'RT		350			1
5'GT'+00 - 8'GT'+50	'DT'CENTERLINE	700				1
8'GT'+50 - 17'GT'+80	'GT'LT				930	1
8'GT'+50 - 17'GT'+80	'GT'RT				930	1
8'GT'+50 - 17'GT'+80	'DT'CENTERLINE			1,860		1
17'GT'+80 - 22'GT'+00	LT		520			1
17'GT'+80 - 22'GT'+00	RT		400			1
17'GT'+80 - 22'GT'+00	CENTERLINE	880				1
22'GT'+00 - 24'GT'+12	LT				110	1
22'GT'+00 - 24'GT'+12	RT				220	1
22'GT'+00 - 24'GT'+12	CENTERLINE			380		1

LOCATING NO PASSING ZONES

STATION - STATION	LOCATION	MILE
39'G'+50 - 75'G'+00	DAIRY RIDGE RD/CTH G	0.67

PLOT NAME: 74300.DGN PLOT SCALE: 1"=5'
REV. DATE: 11-09-92
ORIGINATOR: J.A.PIERONI
LEVELS ON 59.60, 51,

FILE NAME: HDGN: 74300.DGN

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 5.1

PLAN & PROFILE U.S.H. 18 AND FENCING

USH 18 — DANE COUNTY

KEY MAP

0 100 200 300

N

	C7	C8
P.I.	STA. 455+18.71	P.I. STA. 474+03.48
X	2,110,950.93	X 2,112,830.03
Y	360,164.49	Y 360,019.15
Δ	02°15'00.9"	Δ 02°15'00.9"
D	00°15'00.1"	D 00°15'00.1"
T	450.06'	T 450.06'
L	900.00'	L 900.00'
R	22915.93'	R 22916.08'
S.E.=	N.C.	S.E.= N.C.
R.O.=	N.A.	R.O.= N.A.

USH 18

STA 449+00

CLIFFORD F. & JOYCE E. GUST

STA. 453+10.32 USH 18 EXIST. 36"X260' RCCP TO BE EXTENDED

3' TYP.

WOVEN WIRE FENCE

INLET 8-MS-A REQ'D

RAMP "G-1"

RAMP "G-2"

RAMP "G-3"

RAMP "G-4"

REMOVE FENCE

SLOPE INTERCEPTS

46+70 "G", 117' END FENCE

455+00 87'

457+00 87'

C/L CTH "G"

RS462.3L

463+39.48 "G-4" 102' BEGIN FENCE

CLIFFORD F. & JOYCE E. GUST

STATION 49+74.93 "G"
STRUCTURE B-13-403 REQUIRED
2 SPAN 54" PRESTRESSED GIRDERS, I-TYPE
40' CLEAR ROADWAY

SKEW 4°25' LHF
SEE STRUCTURE PLANS

470+45.74 "G-4" 147'

474+51.79 "G-4" 92.06'

STA. 478+00

B-13-403

RSIN-1 RSIN-2

94°25'22.0"

U.S.H. 18 & 151

R/L USH 18 "WB"

R/L USH 18 "EB"

S 85° 34' 38.0" E

STEEL PLATE BEAM GUARD, CLASS "A", SEE SDD

SBI-1 SBI-2 SBI-3

RSIS-1 RSIS-2

BM 29

RS461.8R RS463.8R

RS464.6L

RS461-7 RS463-7

RSG1 RSG2 RSG3 RSG4 RSG5 RSG6 RSG7 RSG8 RSG9 RSG10 RSG11 RSG12 RSG13 RSG14 RSG15 RSG16 RSG17 RSG18 RSG19 RSG20 RSG21 RSG22 RSG23 RSG23A RSG24 RSG25 RSG25A RSG26 RSG27 RSG27A RSG28 RSG29 RSG29A RSG30

C486

PC7 450+68.65

PT7 459+68.65

PC8 469+33.42

PI8 474+03.48

450+11.40 "G-2" 107'

454+67.46 "G-2" 87'

458+26.63 "G-2" 97'

460+00 "G-2", 87'

462+27.25 "G-2", 77' END FENCE

STA. 462+70.00 R/L USH 18 = STA. 50+00.00 C/L CTH "G"

53+00 "G", 97' BEGIN FENCE

466+00 "G-3" 137'

469+50 "G-3" 50'

473+24.48 "G-3" 137'

475+59.60 "G-3" 117'

MATCHLINE

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 29	462+60	TOP OF ALUMINUM SECTION CORNER TIE MONUMENT ON SOUTH SIDE OF HWY 18, NEAR R/W MARKER POST.	1001.00

SISK FARMS, INC.

THOMAS J. & MICHELE J. PELLITTERI

* NOTES:
SEE ALIGNMENT PLANS FOR RAMP GEOMETRY

NOTE:
EXISTING 4-LANE DIVIDED ROADWAY FOR USH 18/151 CONSTRUCTED IN 1990 & 1991 UNDER PROJECT I.D. 1200-03-71. CTH "G" INTERCHANGE RAMPS & BRIDGE TO BE CONSTRUCTED UNDER THIS CONTRACT.

"WB" & "EB" PROFILE

B-13-403

PVI 463+37.70
EL. 1007.12

+2.765%

-2.639%

EXISTING MAINLINE PROFILE

ROCKLINE

L = 3100.0'
K = 573

STA. 453+10.32 USH 18
1-36"X200' RCCP
EXTEND 44' RT.

1020 1010 1000 990 980 970 960 950 940

LEVELS ON ▪

967.24 969.72 972.03 974.17 976.13 977.91 979.52 980.96 982.22 983.31 984.23 984.96 985.53 985.92 986.14 986.18 986.05 985.74 985.26 984.60 983.77 982.77 981.59 980.24 978.71 977.01 975.13 973.08 970.86 968.46

9 450 1 2 3 4 455 6 7 8 9 460 1 2 3 4 465 6 7 8 9 470 1 2 3 4 475 6 7 8

PLOT SCALE: 1"=100'
PLOT NAME: MIA.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI

FILE NAME: HDGN: MIA.DGN

WISDOT/CADDS · SHEET: 42

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	5.0

PLAN & PROFILE
U.S.H. 18
USH 18 AND FENCING DANE COUNTY

KEY MAP

N

0 100 200 300

CLIFFORD F. & JOYCE E. GUST

STA. 436+00.00 R/L RAMP "G-1"
STA. 436+00.00 R/L "EB", 74.0' LT.

437+00, 124'
BEGIN FENCE (CONNECT TO EXIST.)

STA. 439+01.48 USH 18
EXIST. INLET & 18"X125' RCCP
TO REMAIN

STA. 443+52.07 USH 18
EXIST. INLET & 2-60"X218' RCCP
TO REMAIN

443+00
72'
3' TYP.

STA 449+CO

SLOPE INTERCEPTS

WOVEN WIRE FENCE

REMOVE FENCE

425 S 87° 49' 38.9" E 430 435 440 445

26' 50' 26'

R/L USH 18 "WB"

U.S.H. 18 R/L USH 18 "EB"

RAMP "G-1"

RAMP "G-2"

EXISTING FENCE TO REMAIN

441+00, 102'
BEGIN FENCE (CONNECT TO EXIST.)

BEGIN PROJECT 1201-04-74
STA. 436+00.00

Ø76 Ø77

STA. 442+00.00 R/L RAMP "G-2"=
STA. 442+00.00 R/L "EB", 24.0' RT.

WOVEN WIRE FENCE

3' TYP.

SLOPE INTERCEPTS

MATCHLINE

SISK FARMS, INC

NOTES:
SEE ALIGNMENT PLANS
FOR RAMP GEOMETRY

NOTE:
COST TO CONNECT WOVEN WIRE FENCE TO EXISTING FENCE INCLUDED IN COST OF WOVEN WIRE FENCE

NOTE:
EXISTING 4-LANE DIVIDED ROADWAY FOR USH 18/151 CONSTRUCTED IN 1990 - 1991 UNDER PROJECT I.D. 1200-03-71. CTH-"G" INTERCHANGE RAMPS & BRIDGE TO BE CONSTRUCTED UNDER THIS CONTRACT. SEE SEPARATE PLAN & PROFILE SHEET.

"WB" & "EB" PROFILE

EXISTING MAINLINE PROFILE

PVI 425+00
EL 971.11
-3.0055%
L= 780.0'
k = 259
PVC 428+58.95
EL 960.32
PVI 432+48.95
EL 948.60
-3.0055%
+0.0000%
PVT 436+38.95
EL 948.60
STA. 439+01.48 USH 18
EXIST. 18" RCCP
1-20' 18" RCCP EXTENSION
PVC 439+52.23
EL 948.60
+0.0000%
L= 540.0'
k = 195
+2.7663%
PVI 442+22.23
EL 948.60
PVT 444+92.23
EL 956.07
+2.7663%
STA. 443+52.07 USH 18
2-EXIST. 60" RCCP
PVC 447+87.70
EL 964.24
L= 3100.0'
K= 573

971.11 968.10 965.10 962.09 959.12 956.47 954.20 952.31 950.81 949.70 948.97 948.63 948.60 948.60 948.60 948.66 949.16 950.17 951.70 953.74 956.28 959.05 961.82 964.58 967.24

425 6 7 8 9 430 1 2 3 4 435 6 7 8 9 440 1 2 3 4 445 6 7 8 9

1000 990 980 970 960 950 940 930 920

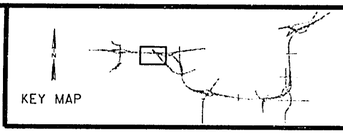
PLOT SCALE: 1"=100'
PLOT NAME: MI.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERON
LEVELS ON • 41. 42. 29. 30. 31. 25. 20. 59. 60. 5.

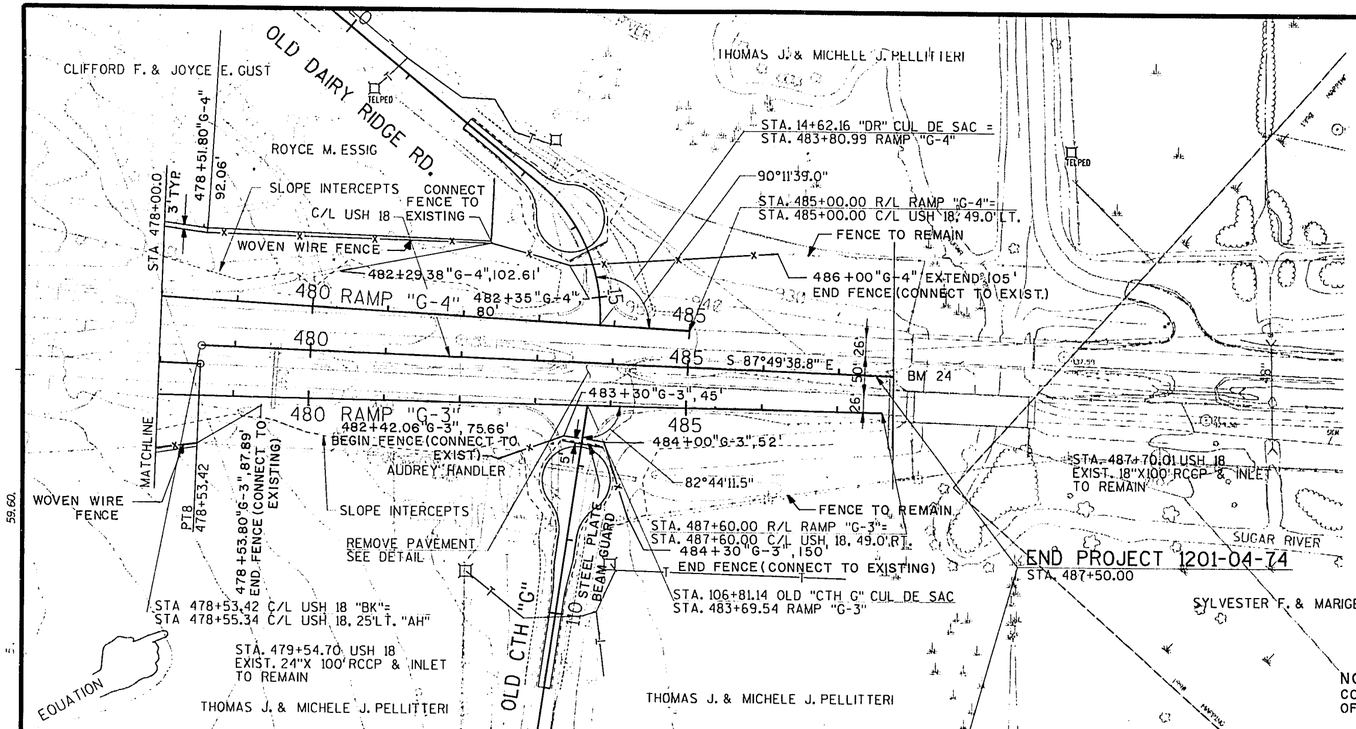
FILE NAME: HDGN: MI.DGN

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	5.2

PLAN & PROFILE
U.S.H. 18
USH 18 AND FENCING DANE COUNTY

KEY MAP

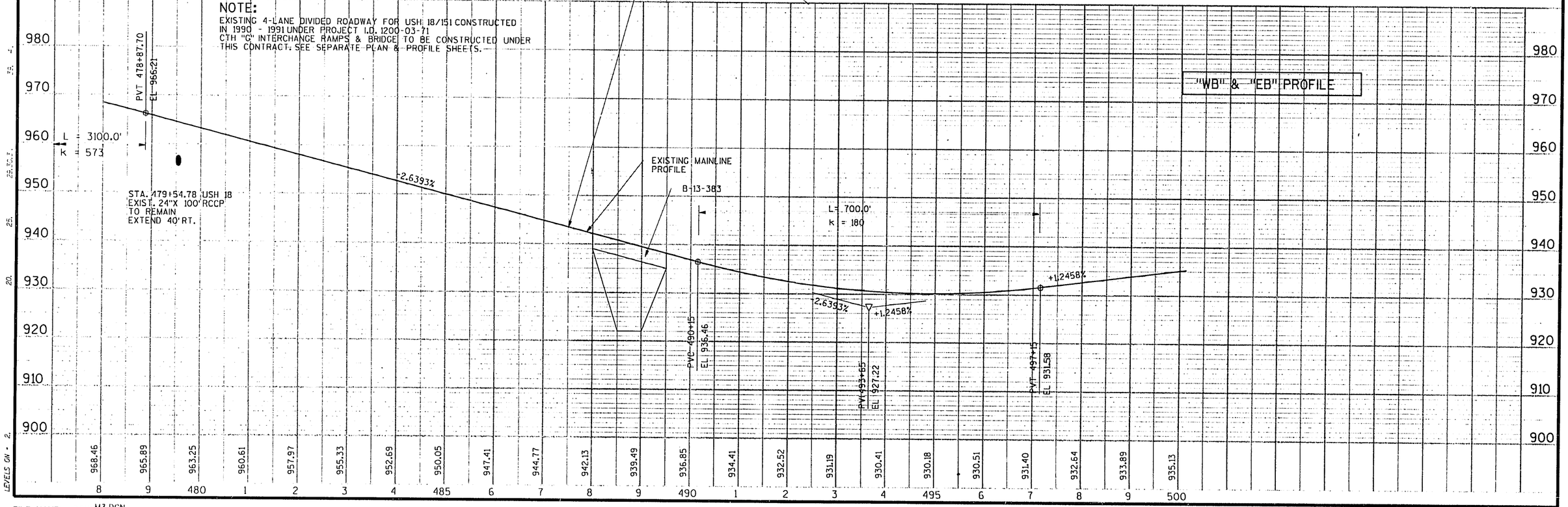




NOTE:
COST TO CONNECT WOVEN WIRE FENCE TO EXISTING FENCE INCUDED IN COST OF WOVEN WIRE FENCE

NOTE:
SEE ALIGNMENT PLANS FOR RAMP GEOMETRY

NOTE:
EXISTING 4-LANE DIVIDED ROADWAY FOR USH 18/151 CONSTRUCTED IN 1990 - 1991 UNDER PROJECT I.D. 1200-03-71
CTH "G" INTERCHANGE RAMPS & BRIDGE TO BE CONSTRUCTED UNDER THIS CONTRACT. SEE SEPARATE PLAN & PROFILE SHEETS.



PRELIMINARY WISDOT/CADDS SHEET: 42

PLOT SCALE: 1"=100'
PLOT NAME: M3.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.P.EKUNI
FILE NAME: HDGN: M3.DGN
LEVELS ON = 2

PLOT SCALE: 1"=100'

PLOT NAME: M2.DGN

REV. DATE: 12-01-92

ORIGINATOR: J.A.PIERONI

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	5.3

USH 18 RAMPS & OLD DAIRY RIDGE ROAD

USH 18 — DANE COUNTY

KEY MAP

OLD DAIRY RIDGE RD.

DAIRY RIDGE RD.

CLIFFORD F. & JOYCE E. GUST

MATCH EXISTING STA. 31+00.00

ROYCE M. ESSIG

SLOPE INTERCEPTS

STA. 47+45.00 DAIRY RIDGE ROAD =
STA. 47+45.00 CTH "G" =
STA. 462+66.45 R/L RAMP "G-4" =
STA. 462+39.48 R/L RAMP "G-4"

90°00'00.0"

94°00'00.0"

RAMP "G-1"

N 86° 00'00.0" E

B-13-403

94°25'22.0"

S 72° 30'00.0" E

RAMP "G-4"

U.S.H. 18 & 151

R/L USH 18 "EB"

87°00'00.0"

90°00'00.0"

S 73° 00'00.0" E

RAMP "G-2"

N 87° 30'00.0" E

RAMP "G-3"

STA. 462+70.00 R/L EB USH 18 =
STA. 50+00.00 C/L CTH "G"

STA. 51+90.00 C/L CTH "G" =
STA. 462+97.25 R/L RAMP "G-2"
STA. 462+75.82 R/L RAMP "G-3"

STATION 49+74.93
STRUCTURE B-13-403 REQUIRED
2 SPAN, 54" PRESTRESSED GIRDERS, I-TYPE
40' CLEAR ROADWAY

SKEW 4°25'LHF
SEE STRUCTURE PLANS

CTH "G"

SISK FARMS, INC

THOMAS J. & MICHELE J. PELLITTERI

MATCH LINE

STA. 57+00.00

STA 449+00.0

PC118 449+79.45

PT118 453+14.57

PC470 450+11.40

PT470 454+47.46

PC483 463+61.82

PT483 466+53.19

PC487 470+45.75

PT487 PC486 474+51.80

PT120 475+55.80

PC C20 473+24.48

STA 478+00.0

BM 30 — 39+18 — R.R. SPIKE IN 14-INCH CHERRY TREE, DAIRY RIDGE ROAD, SOUTH SIDE — 1012.07

BM 29 — 462+60 — TOP OF ALUMINUM SECTION CORNER TIE MONUMENT ON SOUTH SIDE OF HWY 18, NEAR R/W MARKER POST. — 1001.00

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 29	462+60	TOP OF ALUMINUM SECTION CORNER TIE MONUMENT ON SOUTH SIDE OF HWY 18, NEAR R/W MARKER POST.	1001.00
BM 30	39+18	R.R. SPIKE IN 14-INCH CHERRY TREE, DAIRY RIDGE ROAD, SOUTH SIDE	1012.07

NOTES:
1. SEE ALIGNMENT PLANS FOR RAMP GEOMETRY

LEVELS ON 59.60, 5L, 29.30.31, 25, 20

FILE NAME: HDGN: M2.DGN

WISDOT/CADDS SHEET 42

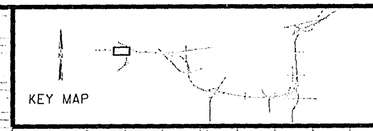
STATE PROJECT NUMBER
1201-04-74

SHEET NO.
5.4

PROFILE RAMPS "G-1" & "G-2"

USH 18 DANE COUNTY

KEY MAP



RAMP "G-1" PROFILE

EARTHWORK SUMMARY
ROCK 2,700
COMMON 25,850
FILL 10,280
WASTE 18,270

STA. 436+00.00 R/L RAMP "G-1" =
STA. 436+00.00 R/L "EB" USH 18, 74.0' LT.

59.60

400.0 VC
k = 120

PVC 452+50.00
EL 973.60

PVI 454+50.00
EL 976.96

PVT 456+50.00
EL 986.96

+1.6800%

+5.0000%

+5.0000%

+1.9539%

+1.9539%

PVC 460+05.00
EL 1004.71

PVI 460+95.00
EL 1005.21

PVT 461+85.00
EL 1010.97

PVI 462+66.25
EL 1012.56
C/L CTH "G"

180.0 VC
k = 59

FINISHED "G-1" RAMP PROFILE

EXISTING GROUND LINE

SPECIAL DITCH, LT.

ESTIMATED SOIL/ROCK INTERFACE

SPECIAL DITCH, LT.

EXISTING WB USH 18 PROFILE

RAMP "G-1" PROFILE ELEVATIONS

948.59	948.57	948.55	948.51	948.47	948.96	949.93	951.42	953.42	955.92	958.65	961.38	964.10	966.62	968.82	970.91	972.76	974.54	977.05	980.39	984.56	989.46	994.46	999.46	1004.46	1008.70	1011.26
6	7	8	9	440	1	2	3	4	445	6	7	8	9	450	1	2	3	4	455	6	7	8	9	460	1	2

1020 1010 1000 990 980 970 960 950 940

RAMP "G-2" PROFILE

EARTHWORK SUMMARY
ROCK —
COMMON 10,250
FILL 43,360
WASTE 33,110

STA. 442+00.00 R/L RAMP "G-2" =
STA. 442+00.00 R/L "EB" USH 18, 24.0' LT.

41.42

390.0 VC
k = 208

PVC 455+47.00
EL 975.16

PVI 455+42.00
EL 976.76

PVT 457+37.00
EL 986.80

+1.8449%

+3.7159%

+3.7159%

PVC 460+75.00
EL 998.56

PVI 461+45.00
EL 1001.16

PVT 462+15.20
EL 1002.76

+2.2712%

+2.2712%

PVI 462+97.25
EL 1004.86
C/L CTH "G"

140.0 VC
k = 72

FINISHED "G-2" RAMP PROFILE

EXISTING GROUND LINE

SPECIAL DITCH, RT.

SPECIAL DITCH, RT.

EXISTING E.B. USH 18 PROFILE

RAMP "G-2" PROFILE ELEVATIONS

950.13	951.66	953.66	956.16	958.89	961.62	964.34	966.96	969.03	970.95	972.75	974.29	976.20	978.54	981.36	984.65	988.34	992.06	995.77	999.46	1002.40
2	3	4	445	6	7	8	9	450	1	2	3	4	455	6	7	8	9	460	1	2

1010 1000 990 980 970 960 950 940

PLOT SCALE: 1"=100'
PLOT NAME: M2B.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 1, 39,
FILE NAME: HDGN: M2B.DGN
WISDOT/CADDS, SHEET 42

PLOT SCALE: 1"=100'
PLOT NAME: M2C.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI

KEY MAP

STATE PROJECT NUMBER 1201-04-74

SHEET NO. 5.5

PROFILE RAMPS "G-3" & "G-4"

USH 18 DANE COUNTY

RAMP "G-4" PROFILE

PVI 462+39.48 EL 1012.56 C/L CTH "G"
-0.9749%
PVC 463+00.00 EL 1011.97
-0.9749%
PVI 463+80.00 EL 1011.19
-5.0000%
PVT 464+60.00 EL 1007.19
160.0 VC k = 39
FINISHED "G-4" RAMP PROFILE
550.0 VC k = 14
ESTIMATED SOIL/ROCK INTERFACE
EXISTING GROUND LINE
STA. 472+00 1-52" X 24" RCCP REQUIRED
-5.0000%
EXISTING W.B. USH 18 PROFILE
PVC 467+25.00 EL 993.94
-1.1200%
PVI 470+00.00 EL 980.19
-1.1200%
PVT 472+75.00 EL 977.11
-1.1200%
-2.2800%
PVC 474+50.00 EL 975.15
PVI 475+50.00 EL 974.03
PVT 476+50.00 EL 971.75
200.0 VC k = 172
STA. 485+00.00 R/L RAMP "G-4" = STA. 485+00.00 C/L USH 18, 49' LT.

EARTHWORK SUMMARY

ROCK	35,400
COMMON	68,380
FILL	1,420
WASTE	102,360

RAMP "G-4" PROFILE ELEVATIONS

| | | |

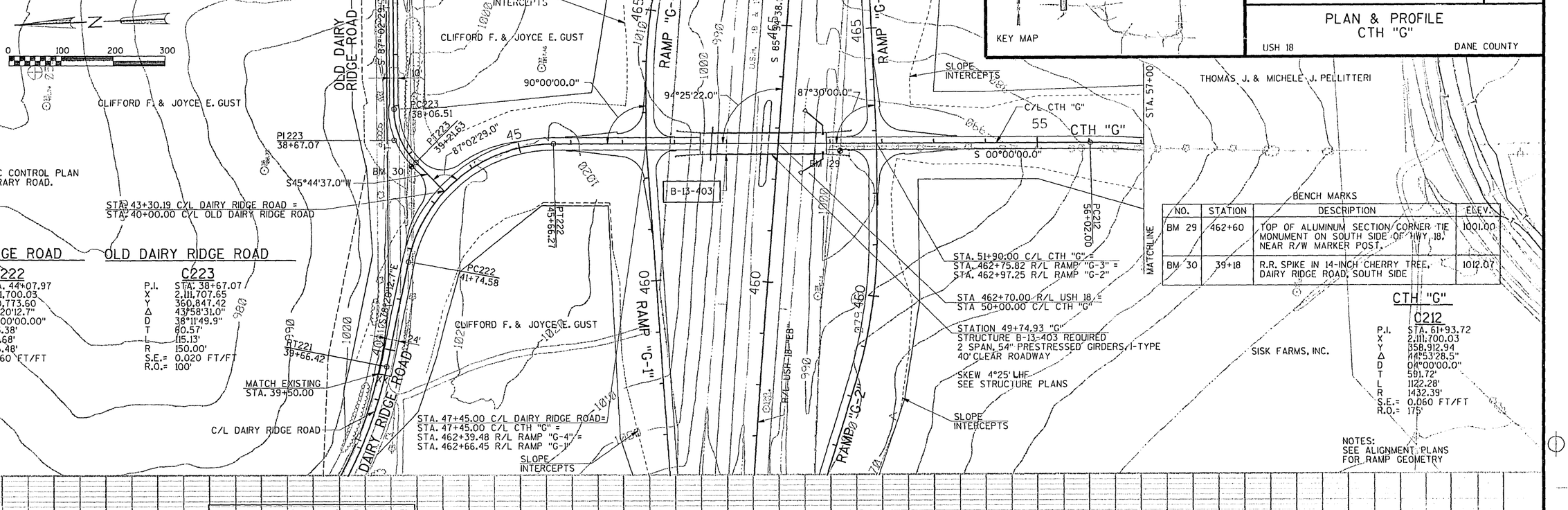
PLOT SCALE: 1"=100'
PLOT NAME: GIB.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI

STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 5.6

PLAN & PROFILE CTH "G"

USH 18 DANE COUNTY

KEY MAP



NOTE:
SEE TRAFFIC CONTROL PLAN FOR TEMPORARY ROAD.

DAIRY RIDGE ROAD C222

P.I.	STA. 44+07.97
X	2,111,700.03
Y	360,773.60
Δ	78°20'12.7"
D	20°00'00.00"
T	233.38'
L	391.68'
R	286.48'
S.E.=	0.060 FT/FT
R.O.=	110'

OLD DAIRY RIDGE ROAD C223

P.I.	STA. 38+67.07
X	2,111,707.65
Y	360,847.42
Δ	43°58'31.0"
D	38°11'49.9"
T	60.57'
L	115.13'
R	150.00'
S.E.=	0.020 FT/FT
R.O.=	100'

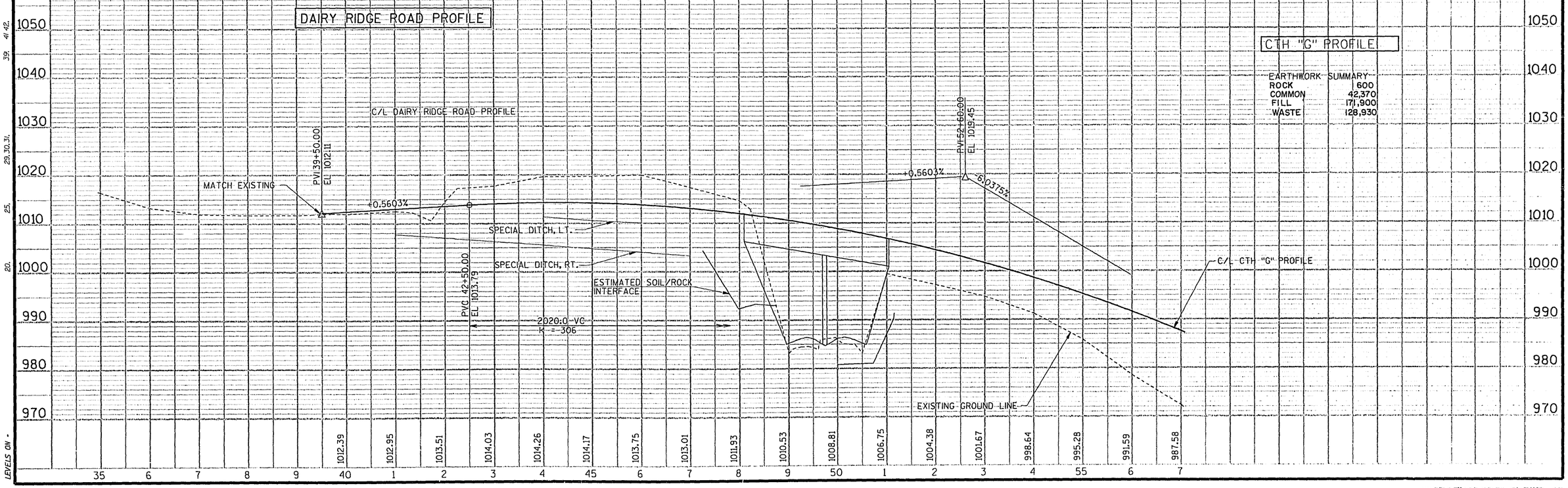
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 29	462+60	TOP OF ALUMINUM SECTION CORNER TIE MONUMENT ON SOUTH SIDE OF HWY. 18, NEAR R/W MARKER POST.	1001.00
BM 30	39+18	R.R. SPIKE IN 14-INCH CHERRY TREE, DAIRY RIDGE ROAD, SOUTH SIDE	1012.07

CTH "G" C212

P.I.	STA. 61+93.72
X	2,111,700.03
Y	358,912.94
Δ	44°53'28.5"
D	04°00'00.0"
T	591.72'
L	1122.28'
R	1432.39'
S.E.=	0.060 FT/FT
R.O.=	175'

DAIRY RIDGE ROAD PROFILE



CTH "G" PROFILE

EARTHWORK SUMMARY

ROCK	600
COMMON	42,370
FILL	171,900
WASTE	128,930

LEVELS ON - 41. 42. 39. 29. 30. 31. 25. 20.

ORIGINATOR: J.A.PIERONI

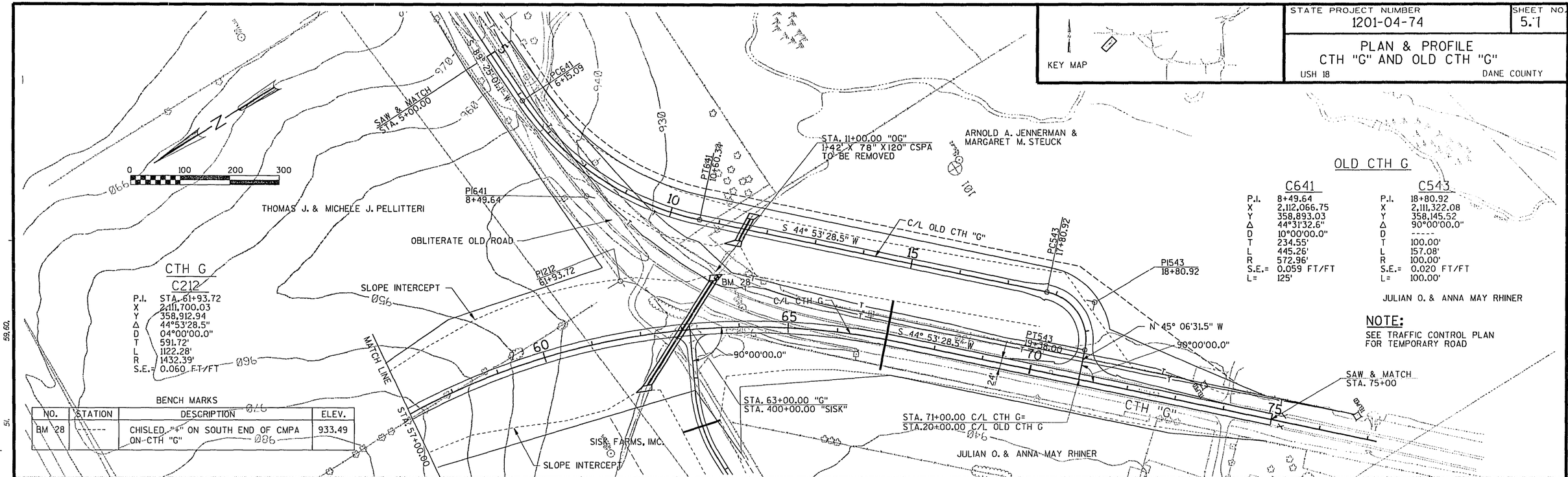
FILE NAME: HDGN: GIB.DGN

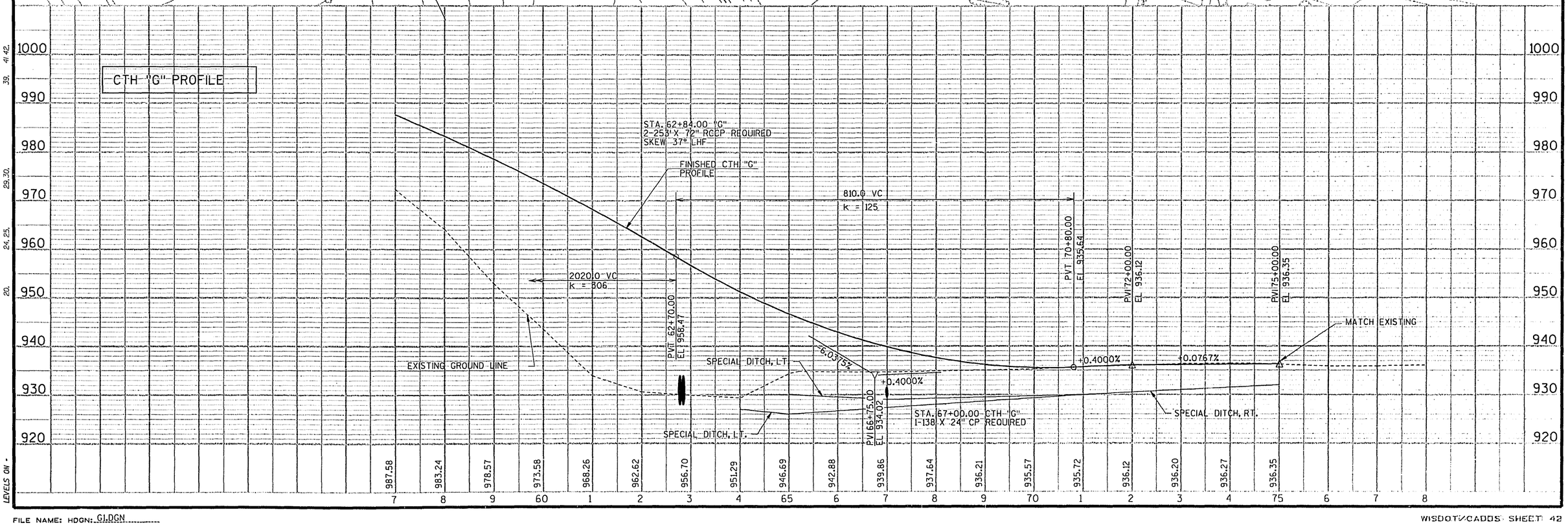
STATE PROJECT NUMBER	SHEET NO.
1201-04-74	5.1

PLAN & PROFILE
CTH "G" AND OLD CTH "G"

USH 18 — DANE COUNTY

KEY MAP





PLOT SCALE: 1"=100'
PLOT NAME: GI.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI
LEVELS ON - 59, 60, 41, 42, 39, 29, 30, 24, 25, 20, 5

FILE NAME: HDGN: GI.DGN

KEY MAP

STATE PROJECT NUMBER
1201-04-74

SHEET NO.
5.8

PROFILE
OLD DAIRY RIDGE ROAD & OLD CTH "G"

USH 18 DANE COUNTY

OLD DAIRY RIDGE ROAD

EARTHWORK SUMMARY

ROCK	
COMMON	1,910
FILL	16,970
WASTE	15,060

FINISHED OLD DAIRY RIDGE ROAD PROFILE

PVI 31+00.00
EL 973.20

PVC 31+50.00
EL 974.65

300.0' VC
K = 59

PVI 33+00.00
EL 979.00

PVT 34+50.00
EL 990.89

PVC 36+75.00
EL 1008.72

250.0' VC
K = 25

PVT 39+25.00
EL 1016.12

PVI 38+00.00
EL 1018.62

PVI 39+88.00
EL 1014.86

PVI 40+00.00
EL 1014.14

+2.9000%
+2.9000%
+7.9240%
+7.9240%
-2.0000%
-3.0000%

EXISTING GROUND LINE

SPECIAL DITCH, LT., RT.

MATCH EXISTING

976.31 980.88 987.13 994.85 1002.77 1010.57 1015.52 1016.50 1014.14

OLD CTH "G" PROFILE

EARTHWORK SUMMARY

ROCK	
COMMON	2,050
FILL	9,820
WASTE	7,770

MATCH EXISTING

PVI 5+00
EL 958.20

PVC 9+00
EL 941.64

500.0' VC
K = 107

STA. 11+62.00 "OG"
2-48" X 72" RCCP REQUIRED
SKEW 26° LHF

PVI 11+50
EL 931.29

PVIT 14+00
EL 932.54

PVI 19+88
EL 935.48

PVI 20+00
EL 935.72

-4.1400%
-4.1400%
+0.5000%
+0.5000%
+2.0000%

FINISHED OLD CTH "G" PROFILE

SPECIAL DITCH, RT.

EXISTING GROUND LINE

958.20 954.06 949.92 945.78 941.64 937.96 935.22 933.40 932.50 932.54 933.04 933.54 934.04 934.54 935.04 935.72

PLOT SCALE: 1"=100'
PLOT NAME: M2A.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A. PIERONI
FILE NAME: HDGN: M2A.DGN
LEVELS ON
WISDOT/CADDS SHEET 42

PLOT SCALE: 1"=100'
PLOT NAME: SISK.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	5.9

PLAN & PROFILE
SISK FIELD ENTRANCE

USH 18 DANE COUNTY

KEY MAP

SLOPE INTERCEPT Ø96
MATCH LINE STA. 57+00.00
SLOPE INTERCEPT
SISK FARMS, INC.
BM 28
STA. 65+00.00 C/L CTH "G" =
STA. 400+00.00 "SISK"
90°00'00.0" N 62°04'47" W
C/L CTH "G"
S 44° 53' 28.5" W
PC3 401+30.68
PT543 18+36.00
PI543 18+80.92
N45°06'31.5"W
90°00'00.0"
SAW & MATCH STA. 75+00
CTH "G"
STA. 71+00.00 C/L CTH "G" =
STA. 20+00.00 OLD CTH "G"
PT3 402+71.10
C/L "SISK"
N 88°53'54" W
"SISK"
JULIAN O. & ANNA MAY RHINER
C212
60
65
70
75
405.16
24'

SISK
C3

P.I.	STA. 402+02.20
X	2,111,354.66
Y	358,928.63
Δ	26°49'07"
D	19°05'55"
T	71.52'
L	140.42
R	300.00'
S.E.=	N.C.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 28	------	CHISLED "+" ON SOUTH END OF CMPA ON EXISTING CTH "G"	933.49

EARTHWORK SUMMARY

ROCK	
COMMON	80
FILL	10,740
WASTE	10,660

PVI 400+00.00 EL 956.70
PVI 400+75.00 EL 952.20
PVC 401+75.00 EL 944.20
PVI 405+25.00 EL 945.81
PVI 406+00.00 EL 952.50
350.0 VC k = 20
-8.00% -5.00% -8.00% -5.00% +8.92%
FINISHED PROFILE
MATCH EXISTING
EXISTING GROUND LINE
100.0 VC k = 50
PVC 400+25.00 EL 955.20
PVT 401+25.00 EL 948.20
PVI 403+50.00 EL 930.20
-5.00% +8.92%
STA. 402+00.00
1-12" CPP REQUIRED

950.14 942.35 937.98 938.44 943.73 952.50

400 1 2 3 4 405 6 7 8

980 970 960 950 940 930 920 910 900

LEVELS ON 41 42. 39. 29 30. 24 25. 20. 59.60. 51.

FILE NAME: HDGN: SISK.DGN

WISDOT/CADDS: SHEET: 42

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	5.10

PLAN & PROFILE
OLD DAIRY RIDGE RD./OLD CTH "G" CUL DE SAC
USH 18 — DANE COUNTY

KEY MAP

PLOT SCALE: 1"=50'
PLOT NAME: M3A.DGN
REV. DATE: 12-01-92
ORIGINATOR: J.A.PIERONI

THOMAS J. & MICHELE J. PELLITTERI

MATCH EXISTING

REMOVE MEDIAN CROSSOVER
SEE MEDIAN CROSSOVER REMOVAL AND RESTORATION DETAIL

CLASS "B" STEEL PLATE BEAM GUARD (50')

PROP. DITCH

C497
P.I. STA. 15+77.21 "ODC"
Y 360,173.35
X 2,113,814.14
Δ 53°18'48.0"
D 25°00'00.0"
T 115.05'
L 213.25'
R 229.18'
PC STA. 14+62.16 "ODC"
PT STA. 16+75.41 "ODC"
S.E.= N.C.

PI 15+77.21 "ODC"

90°11'39"

16+12.97, CTR. 45'R

16+81.28 "ODC", 60'R
71.94' RT.

STA. 16+20 OLD DAIRY RIDGE ROAD
EXIST. 36"X150' CSCP TO REMAIN

459 424.93

C497

16+97.34 "ODC", 60'R
72.00' LT.

STA. 16+97.00 "ODC"
BEGIN 10:1 TAPER, LEFT & RIGHT (40' LONG)

ROYCE M. ESSIG

STA. 14+62.16 "ODC" =
STA. 483+80.99 RAMP "G-4"

SAW & MATCH
STA. 18+00.00 "ODC"

EXISTING PAVEMENT TO REMAIN

C/L "PR"

OLD DAIRY RIDGE RD

N 50°11'10" W

RAMP "G4"

USH 18 W.B.

S 86°40'54.1" E

C/L USH 18

USH 18 E.B.

S 87°49'38.88" E

RAMP "G-3"

S 88°58'23.5" E

PROP. DITCH

STA. 107+18.85 "OGC"=
STA. 483+59.54 RAMP "G-3"

82°44'11.5"

CLASS "B" STEEL PLATE BEAM GUARD (50')

STA. 108+09 "OGC"
EXIST. 36"X150' CSCP TO REMAIN
1-10' 36" CSCP EXTENSION

108+19.67 "OGC", C/L CTR. 45'R

108+96.10 "OGC", 60'R
72.00' LT.

STA. 109+30 "OG"
BEGIN 10:1 TAPER, LEFT & RIGHT (40' LONG)

108+96.10 "OGC", 60'R
72.00' RT.

SAW & MATCH
STA. 111+00

110 OLD CTH "G"

C/L "OGC"
N 08°18'30.1" E

EXISTING PAVEMENT TO REMAIN

AUDREY HANDLER

MAIL BOX

THOMAS J. & MICHELE J. PELLITTERI

NOTE:
① REMOVE CURB & GUTTER

0 50 100 150

OLD DAIRY RIDGE ROAD
CUL DE SAC

960 955 950 945 940 935 930 925 920

PVI 18+00.00 EL 933.54
PVT 17+50.00 EL 934.36
200.0' VC K = 84
PVC 15+50.00 EL 940.00
PVI 16+50.00 EL 936.00
PVI 107+75.00 EL 950.00
PVC 109+50.00 EL 951.40
PVT 111+00.00 EL 951.58
PVI 110+25.00 EL 952.00

USH 18 W.B. USH 18 E.B.

EXISTING GROUND LINE

-1.6400%
-1.6400%
-4.0000%
+0.8000%
+0.8000%
-0.5600%

MATCH EXISTING

FINISHED PROFILE LINE

STA. 16+70 OLD DAIRY RIDGE ROAD
-36"X150' CMP
TO REMAIN

STA. 108+09.00 OLD CTH "G"
1-36"X300' CSCP
TO REMAIN
EXTEND 10" LEFT

1500' VC
K= 110

933.54 935.33 938.15 950.20 951.00 951.69 951.58

EARTHWORK SUMMARY
OLD DAIRY RIDGE ROAD
CUL DE SAC

ROCK	
COMMON	2,240
FILL	520
WASTE	1,720

OLD CTH "G"
CUL DE SAC

EARTHWORK SUMMARY
OLD CTH "G"
CUL DE SAC

ROCK	
COMMON	1,170
FILL	1,550
WASTE	380

19 18 17 16 15 7 8 9 110 1 2 3

LEVELS ON - 41.42, 39, 29.30, 20, 15

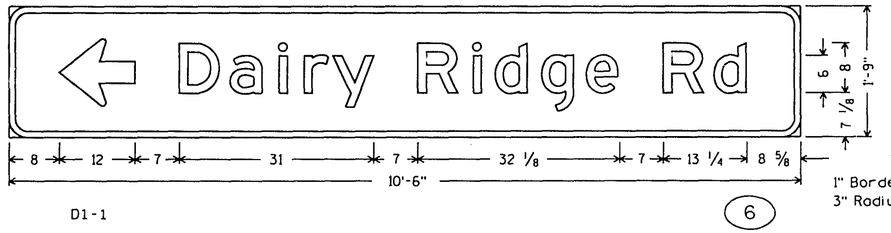
FILE NAME: HDGN: M3A.DGN

WISDOT/CADDS SHEET: 42

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	7.0

SIGN PLATES

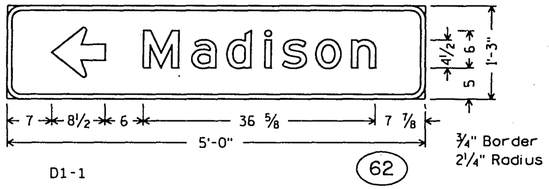
USH 18 — DANE COUNTY



D1-1

6

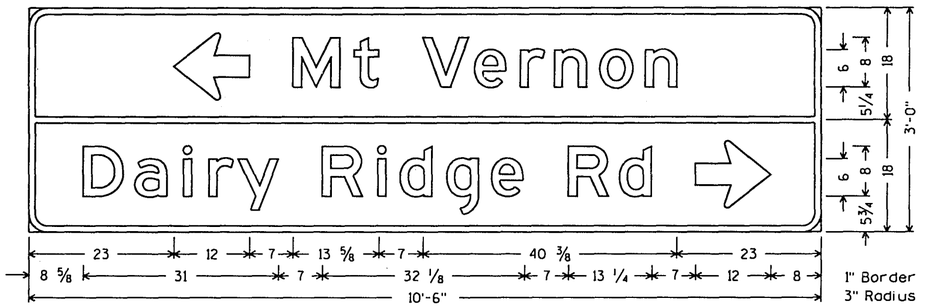
1" Border
3" Radius



D1-1

62

¾" Border
2¼" Radius



D1-2

19

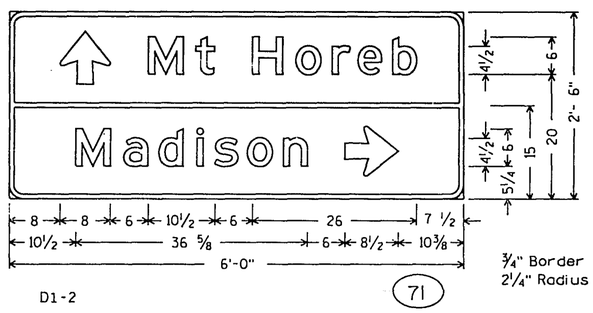
1" Border
3" Radius



D1-1

76

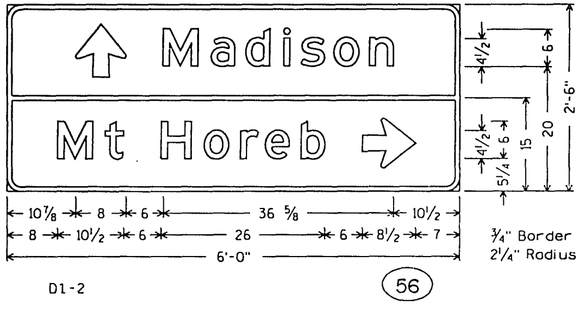
¾" Border
2¼" Radius



D1-2

71

¾" Border
2¼" Radius



D1-2

56

¾" Border
2¼" Radius

NOTES

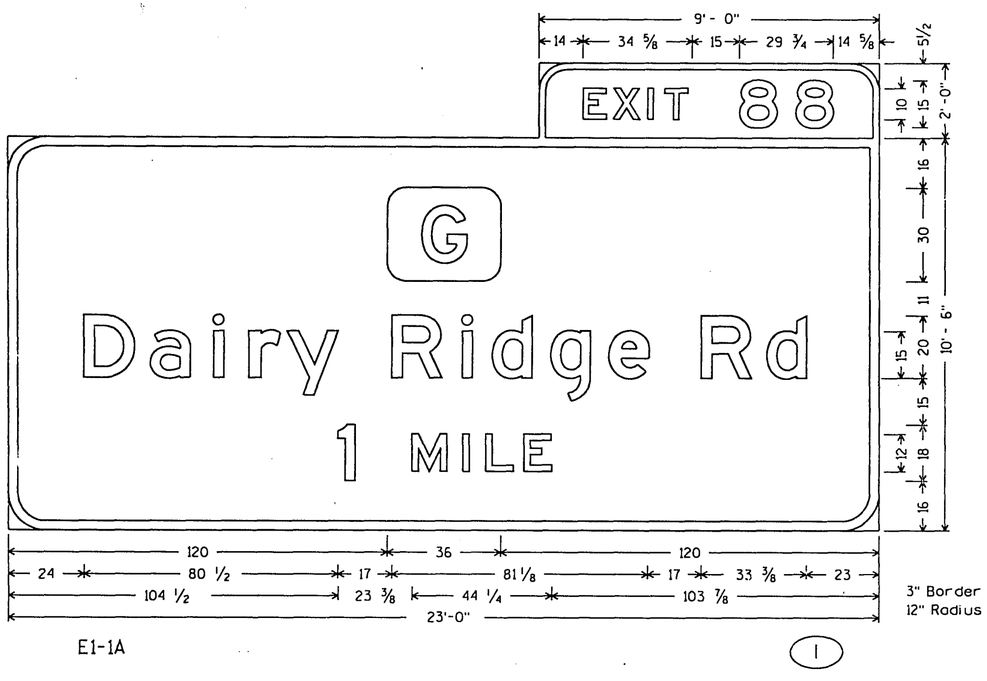
1. All Signs Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White
3. All Upper/Lower case Letters are Series E.

PLOT NAME: 1131B992
PLOT SCALE: 12:1
FILE NAME: 1131B992
ORIGINATOR: AL WIEDENBECK
LEVELS ON - 1,2, 5,6, 10,
56.59

STATE PROJECT NUMBER	SHEET NO.
1201-04-74	7.1

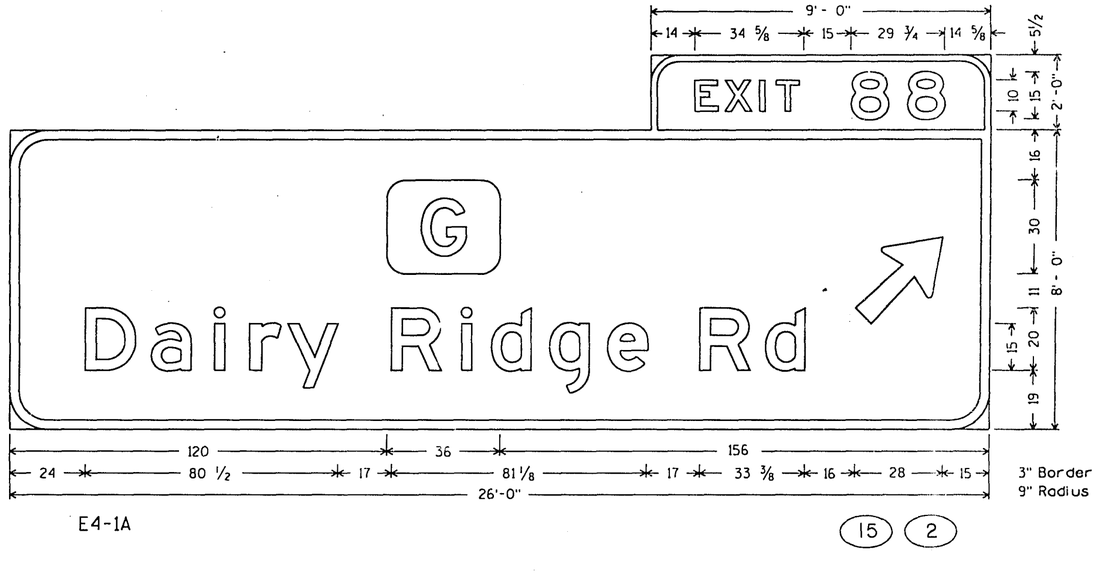
SIGN PLATES

USH 18 — DANE COUNTY



E1-1A

(1)



E4-1A

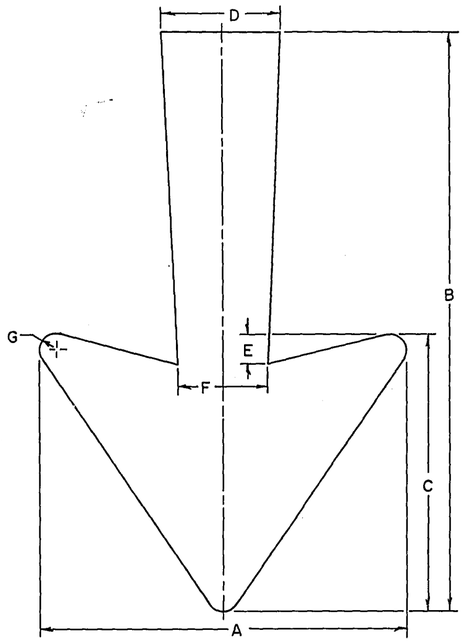
(15) (2)

NOTES

1. All Signs Type I- Type H Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White
3. All CAP Letters are Series E, All Upper/Lower case Letters are Series E Modified.

PLOT NAME: 1131A992
PLOT SCALE: 24:1
FILE NAME: 1131A992
ORIGINATOR: AL WIEDENBECK
LEVELS ON - 1,2, 5,6, 10.
56.59.

STATE PROJECT NUMBER	SHEET NO.



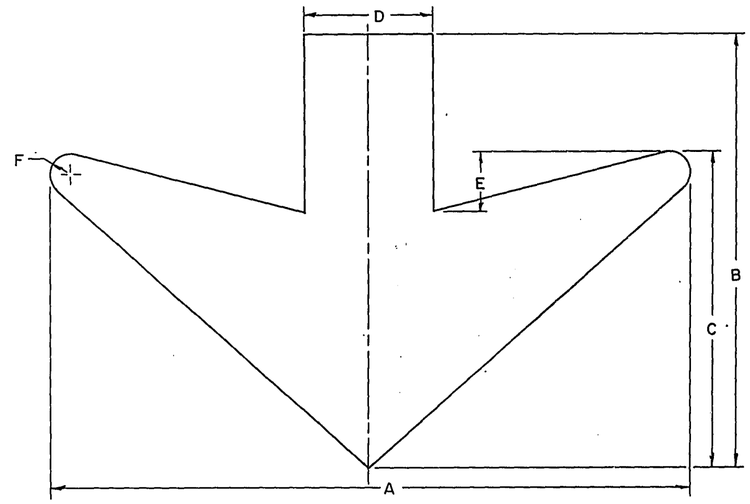
Type "A" & "B"

Type "A"

Copy Size	A	B	C	D	E	F	G
13.33 U.C. 10", 12" Caps	18 1/4	29 1/4	14	6	1 1/2	4 1/2	3/4
16" U.C.	22 1/4	35 5/8	17	7 1/8	1 3/4	5 3/8	1

Type "B"

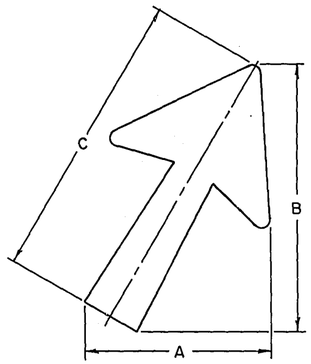
Copy Size	A	B	C	D	E	F	G
10" Caps	14 1/4	17 1/4	9 13/16	4 1/2	1 5/16	3 3/8	3/4
13.33 U.C. 12" Caps	17 1/2	20 1/4	11 3/4	5 5/8	1 1/2	4 3/8	7/8
16" U.C.	21 7/8	25	14 1/4	6 3/4	1 3/4	5	1



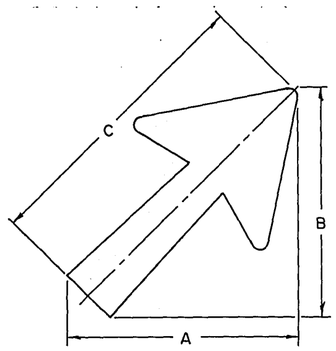
Type "C"

Type "C"

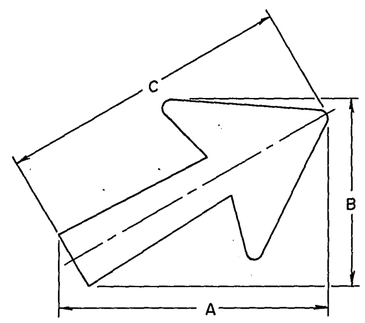
Copy Size	A	B	C	D	E	F
Overhead	32	22	16	6 1/2	3	1
Minimum	24	16	12 1/4	5	1 9/16	3/4



60°



45°



30°

Type "A"

Angle	Arrow Size	A	B	C
60°	10.67"-13"-U.C. 10"-12"Caps	18 1/2	27	29 1/4
	15"Caps-16" U.C.	22 5/8	32 3/4	35 5/8
45°	10.67"-13"-U.C. 10"-12"Caps	23	23	29 1/4
	15"Caps-16" U.C.	28	28	35 5/8
30°	10.67"-13"-U.C. 10"-12"Caps	27	18 1/2	29 1/4
	15"Caps-16"U.C.	32 3/4	22 5/8	35 5/8

Type "B"

Angle	Arrow Size	A	B	C
60°	8"-10"Caps, 10.67 U.C.	12 1/2	16 1/8	17 1/4
	12"Caps-13"-U.C.	15 1/2	19	20 1/4
	15"Caps-16"U.C.	19 1/8	23 1/2	25
45°	8"-10"Caps, 10.67 U.C.	14	14	17 1/4
	12"Caps-13" U.C.	16 5/8	16 5/8	20 1/4
	15"Caps-16" U.C.	20 3/8	20 3/8	25
30°	8"-10"Caps, 10.67 U.C.	16 1/8	12 1/2	17 1/4
	12"Caps-13" U.C.	19	15 1/2	20 1/4
	15"Caps-16" U.C.	23 1/2	19 1/8	25

NOTES

1. Arrows to be of same material as other message units on each sign.
2. Taper should be held constant for longer or shorter shaft lengths on Type "A" &"B"arrows.

Date Drawn – July, 1962 Date Redrawn – 9-3-82 GH

Date Revised – 6-18-74
9-3-82 GH

STANDARD ARROWS FOR LARGE GUIDE SIGNS

Old Code

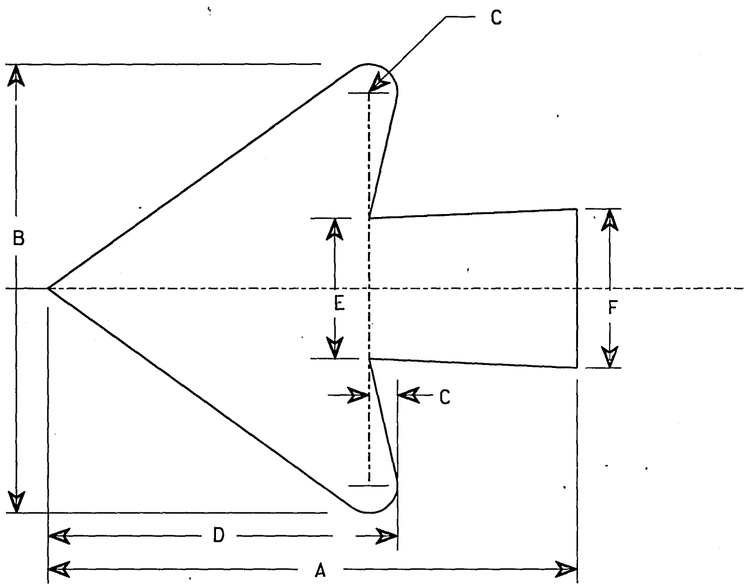
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

CHIEF TRAFFIC ENGINEER

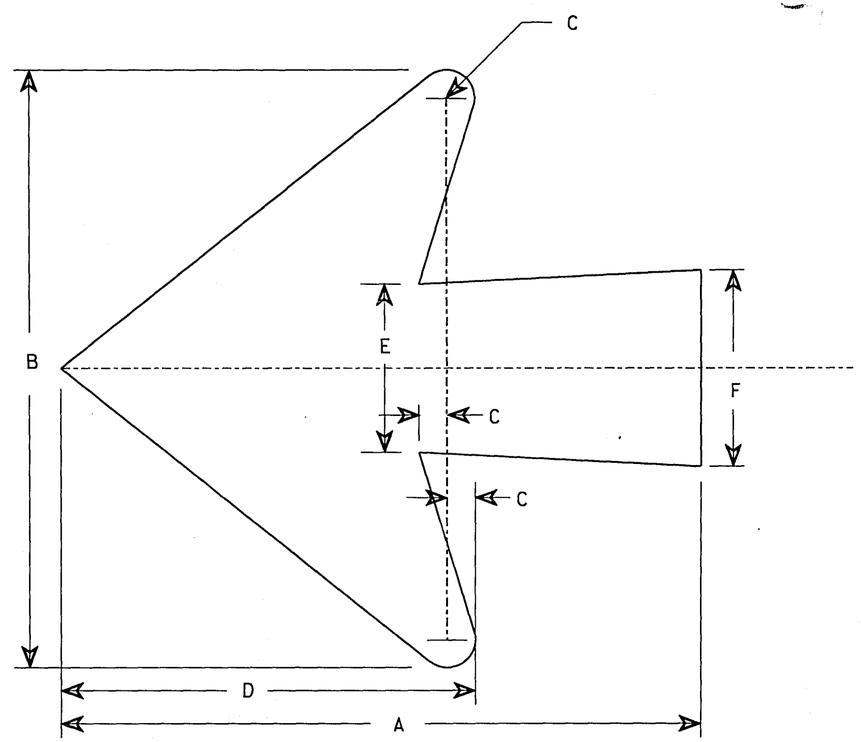
DATE 10-8-82 PLATE NO. A1-1.4

PLOT NAME: A12
PLOT SCALE: 1:1
FILE NAME: A12
58.59.
LEVELS ON - 1, 3, 5, 10.
ORIGINATOR: AL WIEDENBECK



Lower Case Copy Size	A Right or Left	A * 2 Town	A * 3 Town	B	C	D	E	F
3¾ Series C	7	11	18	6	⅜	4⅝	1⅞	2⅛

* Indicates Ahead and Tilt for 2 & 3 Town applications.



Lower Case Copy Size	A Right or Left	A * 2 Town	A * 3 Town	B	C	D	E	F
4½ Series D&E	8½	11	18	8	⅜	5½	2¼	2⅝
6 Series D&E	12	18	24	10¾	½	7⅜	3¼	3½
8 Series E	15½	24	30	14¼	¾	9¾	4¼	4½

* Indicates Ahead and Tilt for 2 & 3 Town applications.

DATE DRAWN 7-28-93 DATE REDRAWN _____
DATE REVISED _____ _____

STANDARD ARROWS FOR D1 GUIDE SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED John F. Kussel
State Traffic Engineer

DATE 8/10/93 PLATE NO. A1-2.3

COLOR CODE

BLACK

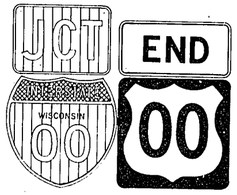
Reflectorized WHITE

Reflectorized RED

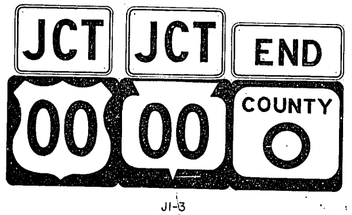
Reflectorized BLUE



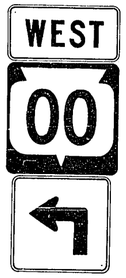
J1-1



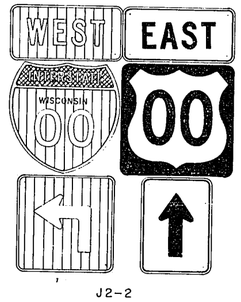
J1-2



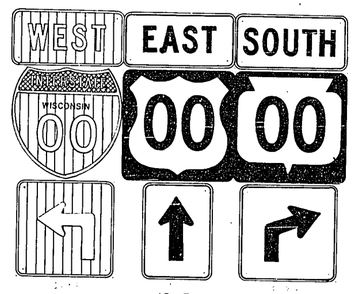
J1-3



J2-1



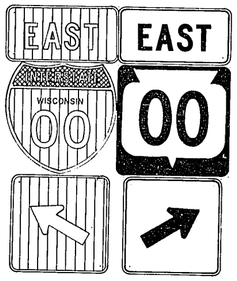
J2-2



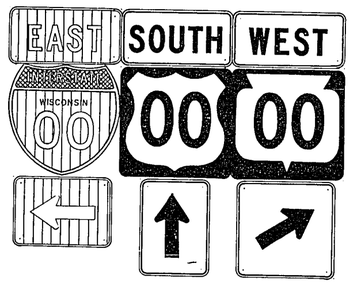
J2-3



J3-1



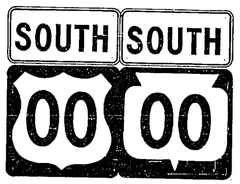
J3-2



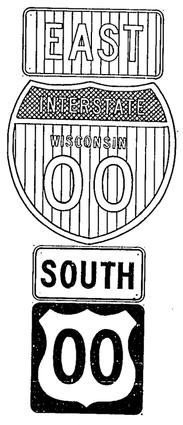
J3-3



J4-1



J4-2



J4-1 *



J13-1



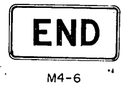
J12-1

* For Interstate Use Only

COMPONENTS OF J1- ASSEMBLIES

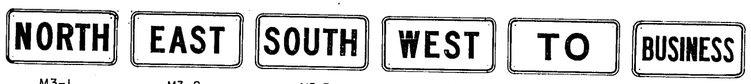


M2-1

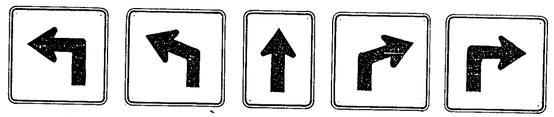


M4-6

COMPONENTS OF J2-, J12-, J22-, J32- ASSEMBLIES



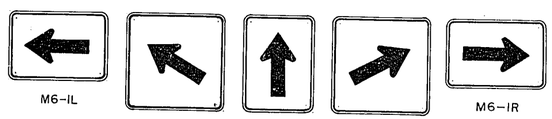
M3-1 M3-2 M3-3 M3-4 M4-5 M4-3

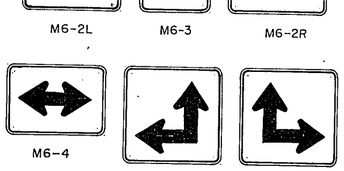

M5-1L M5-2L M5-3 M5-2R M5-1R

COMPONENTS OF J3-, J13-, J23-, J33- ASSEMBLIES



M3-1 M3-2 M3-3 M3-4 M4-5 M4-3

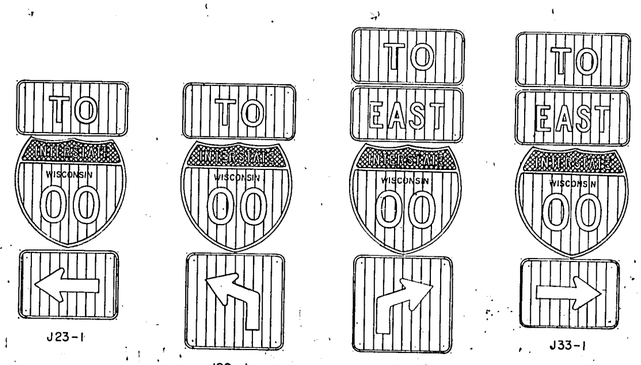

M6-1L M6-2L M6-3 M6-2R M6-1R


M6-4 M6-6L M6-6R

COMPONENTS OF J4- ASSEMBLIES



M3-1 M3-2 M3-3 M3-4 M4-3



J23-1 J22-1 J32-1 J33-1

PROJECT I. D.	SHEET NUMBER	TOTAL SHEETS
PROJECT DESIGNATION		

COMPONENTS OF ALL ASSEMBLIES



M1-1 M1-4 M1-6



M1-5A M1-95

GENERAL NOTES

Cardinal Direction Sign having other than a black message and a reflectorized white background, shall be identified by the second letter of the Code ; as example

MB – Reflectorized Blue background with reflective White message

For further Color combinations see applicable Standard Plates

All components of any individual assembly shall be the same size as identified on the individual plates for each component.

Minimum size auxiliary signs shall be used with minimum size route markers, standard size auxiliary signs with standard size route markers, etc.

Route Marker Code Size follows the sign code in parenthesis, with each sketch. For detail of required route markers reference is made to Standard Plates. The No. of Route Marker in each Assembly is indicated by the no. following the hyphen in the "J" code, not to exceed 4.

Two or more U.S. Highway, State Trunk Highway, County Trunk Highway or Local road route markers may be placed on a single panel in horizontal array. Such a panel is coded "M50-X" in which "X" indicates the number of route markers on the panel.

Date Drawn – Date Redrawn – 10-18-72 WJR

Date Revised – 10-14-63
10-9-72

ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

Old Code: A2-1 & A2-2

WISCONSIN DIVISION OF HIGHWAYS

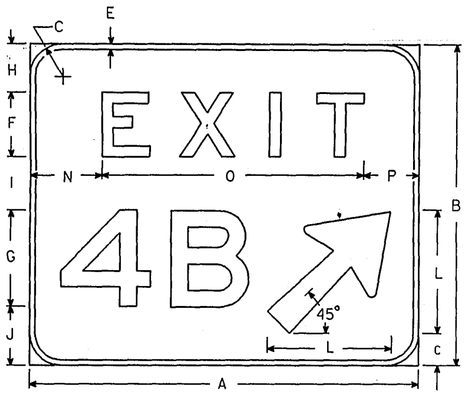
APPROVED H.S. Fuehrer
STATE HIGHWAY ENGINEER

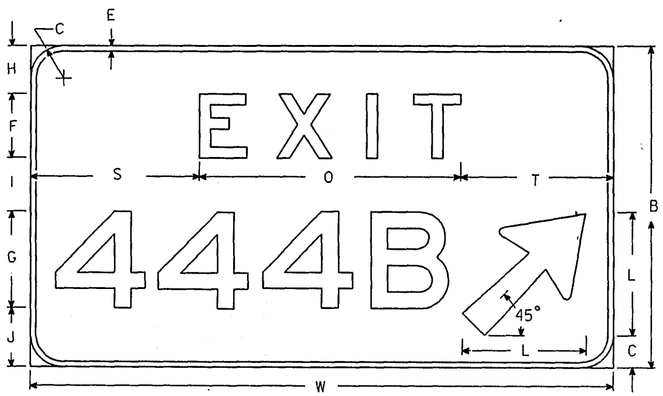
DATE 10/25/72 PLATE NO. A2-1.3

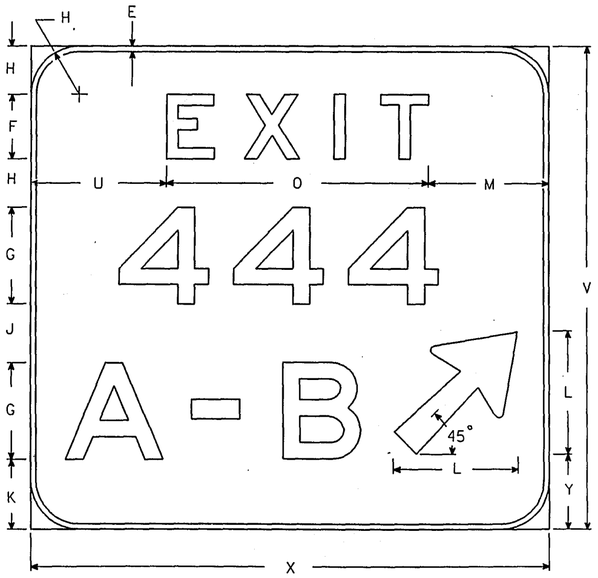
Replaces Old Plates: A2-1.2 & A2-2.2

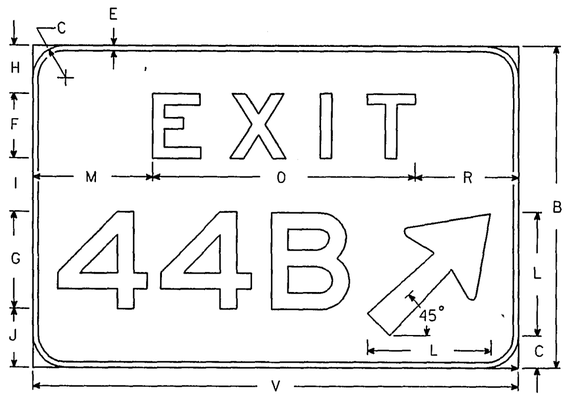
PLOT NAME: STDFESIA
PLOT SCALE: 1:1.4
FILE NAME: STDFESIA
ORIGINATOR: AL WIEDENBECK
56.59.
LEVELS ON = 1,2, 5,6, 10,

STATE PROJECT NUMBER	SHEET NO.









NOTES

1. Sign is Type III - Type H reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Arrow is Interstate Type "A".
6. Substitute appropriate message as required and adjust spacing to achieve proper balance.
7. When two letters are hyphenated, the distance between them should be equal to two letter heights and the hyphen is spaced optically between them.

18" Num. & Letter Width

Num. or Letter	1	2,3,5,6 7,8,9	4	0	A	B,C	HYPHEN
Width	5 3/8	13 1/8	15 1/2	14 3/8	17 1/4	13 1/8	8 1/8

SPACING CHART FOR 18" NUMERALS & LETTERS

First Num. \ Following Numeral or Letter	1	0,2,4 8,9	5	7	3,6	A	B	C
1	7 3/4	6 1/4	6 1/8	5 3/4	6 1/2	6 1/8	8 1/8	6 1/4
2	5 5/8	4 1/8	4	3 5/8	4 3/8	4	6	4 1/8
3	6 1/4	4 7/8	4 5/8	4 3/8	5	4 5/8	6 5/8	4 7/8
4	7 1/4	5 3/4	5 5/8	5 1/4	6	5 5/8	7 5/8	5 3/4
5,6	5 3/4	4 3/8	4 1/8	3 3/4	4 1/2	4 1/8	6 1/8	4 3/8
7	5 3/8	4	3 3/4	3 1/2	4 1/8	3 3/4	5 3/4	4
8,9,0	6	4 1/2	4 3/8	4	4 5/8	4 3/8	6 1/4	4 1/2

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	1-2 Digit Bid Area	3 Digit Bid Area	4 Digit Bid Area	5 Digit Bid Area
2																														
3																														
4																														
5	72	60	6		1	12	18	9	10	11	13	23	22 1/4	13 1/4	48 1/2	10 1/4		19 1/4	31 1/4	28 1/4	25 1/4	90	108	96	14		30	37.5	45	60

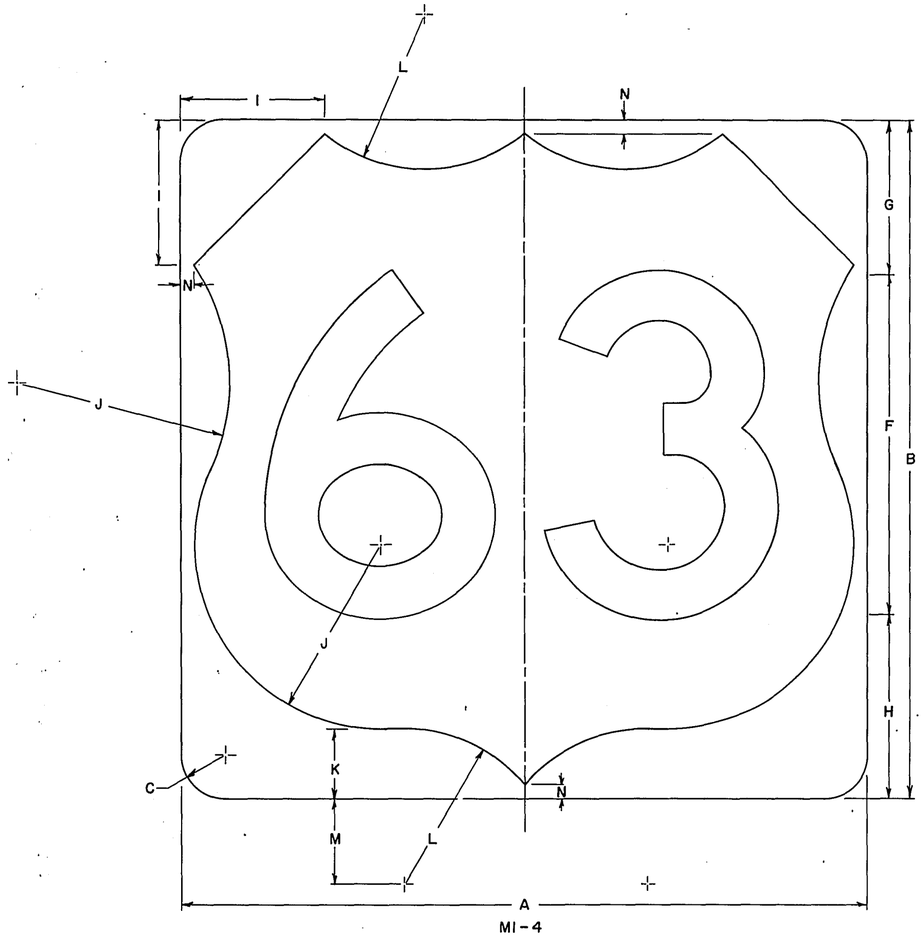
DATE DRAWN 4-27-89 DATE REDRAWN _____
DATE REVISED _____ _____

STANDARD SIGN E5 - 1A

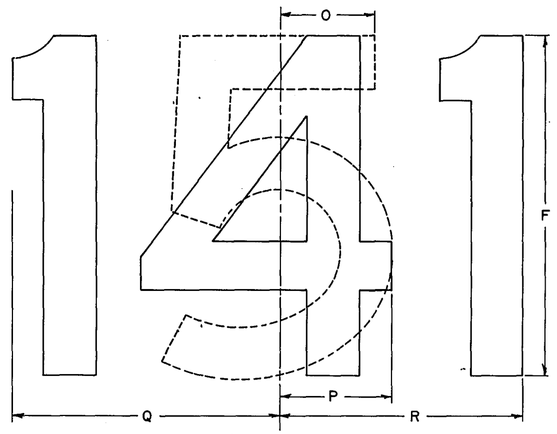
WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____
State Traffic Engineer

DATE 9-29-89 PLATE NO. E5-1A.4



MI-4



NOTES

1. Sign is Type II
2.

	Color	Material
Background-	White	Refl. Sheeting
Message -	Black	Non-Reflective

3. Message Series - as noted below
4. Corners may be square or rounded when base material is plywood, but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. For 3 digit numbers 141 & 151 use the layout as shown in a standard Series D.
6. In a few cases numerals cannot be accommodate within the space available. For these situations, the standard Series "D" numeral may be reduced to Series "C", or as a second choice to the next smaller height commonly available.
7. Substitute appropriate numerals and adjust spacing to achieve proper balance.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1																											
Standard	2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2	3	4	9 7/16	8 1/2									4.0
Oversize	3																											
Exp-way	4	36	36	2 1/4			18	8 1/4	9 3/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4	5	5 7/8	14 1/8	12 3/4									9.0
Freeway	5	36	36	2 1/4			18	8 1/4	9 3/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4	5	5 7/8	14 1/8	12 3/4									9.0
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA
.3	July		

Date Drawn – Date Redrawn – 3-10-80 DBD

Date Revised – 1-15-81 DBD

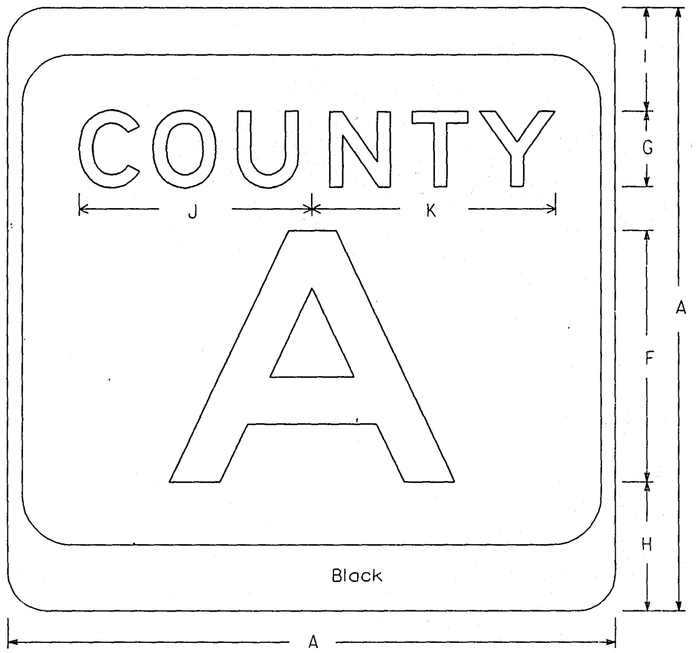
U.S. ROUTE MARKER MI-4 FOR ASSEMBLIES

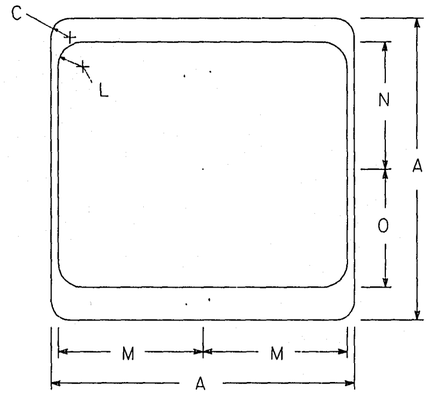
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chief Traffic Engineer

DATE 8-14-81 PLATE NO MI-4.3





NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. The word COUNTY is series "E".
5. Routes having one letter - Series "F"
   two letters - Series "D"
   three letters - Series Varies to fit sign
6. Substitute appropriate letters & adjust spacing to achieve proper balance.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
Standard	2	24		1 1/2			10	3	5 1/8	4 1/8	9 3/16	9 5/8	1 15/16	11 7/16	10 1/8	9 3/8												4
Oversize	3																											
Expway	4	36		2 1/4			16	4	7 11/16	5 11/16	12 1/4	12 13/16	2 15/16	17 1/8	15 3/16	14 1/16												9
Freeway	5	36		2 1/4			16	4	7 11/16	5 11/16	12 1/4	12 13/16	2 15/16	17 1/8	15 3/16	14 1/16												9

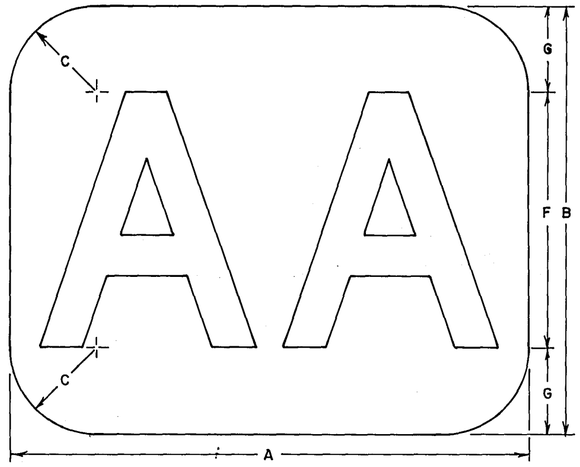
DATE DRAWN 9-1-88 DATE REDRAWN
DATE REVISED

COUNTY ROUTE MARKER
M1 - 5A FOR ASSEMBLY

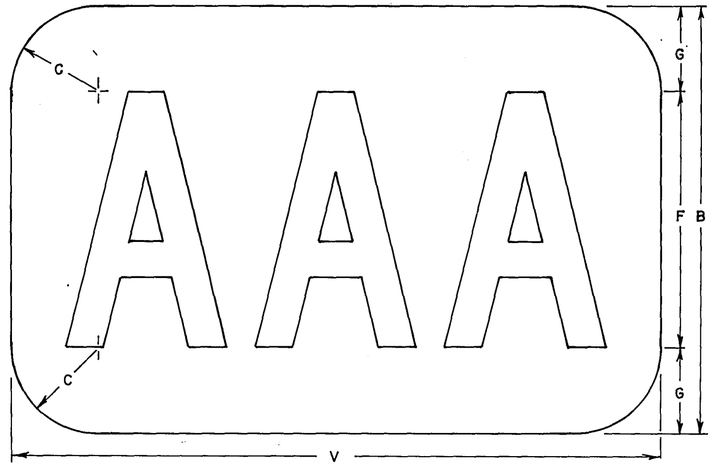
WISCONSIN DEPT OF TRANSPORTATION
APPROVED
State Traffic Engineer
DATE 12-3-88 PLATE NO. M1-5A.3

WISDOT/CADDS SHEET

PLOT NAME: STPM1588
PLOT SCALE: 1:3
FILE NAME: STPM1588
ORIGINATOR: AL WIEDENBECK



MI-55



MI-55A

NOTES

1. Sign is Type - See Note 4 - Type H Reflective reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - See Note 5
4. Marker heads shown on this sheet are for use on Type I, Type III & Type IV signs only.
5. Marker heads having one letter - Series "F" (modified)
   two letters - Series "D"
   three letters - Series Varies
6. The marker shall consist of a non-corrosive metal plate, 0.040 minimum thickness of the size and shape of the outline.
7. Payment for marker heads is included in the Type I, Type III or Type IV sign of which they are a part.
8. Substitute appropriate letters and adjust spacing to achieve proper balance.
9. Modification of series "F" letters as per note #5 will be to increase the stroke of the letter to equal $\frac{1}{5}$ of its height, without increasing the outside width of the letter.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	2 Digit Bid Area Sq Ft	3 Digit Bid Area Sq. Ft.
NORMAL		36	30	6			18	6															45					7.29	9.16
		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ		

RV	CK	RA	RA

Date Drawn - 6-5-85 Date Redrawn -

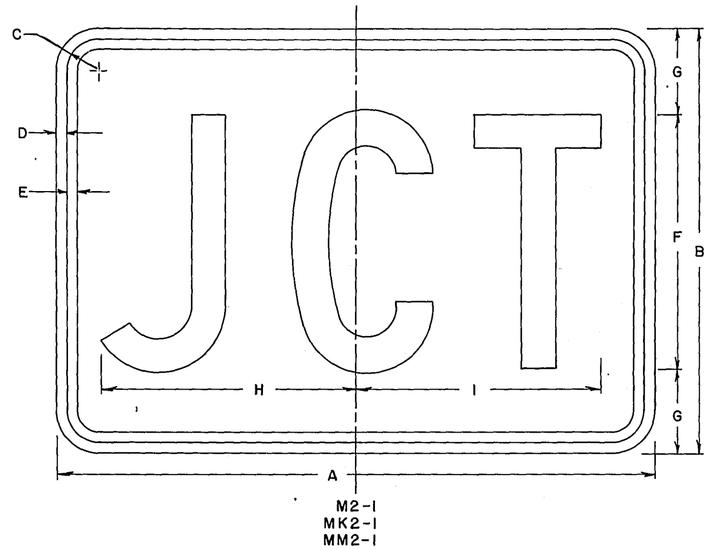
Date Revised -

CTH MARKER MI-55 & MI-55A
FOR LARGE GUIDE SIGNS

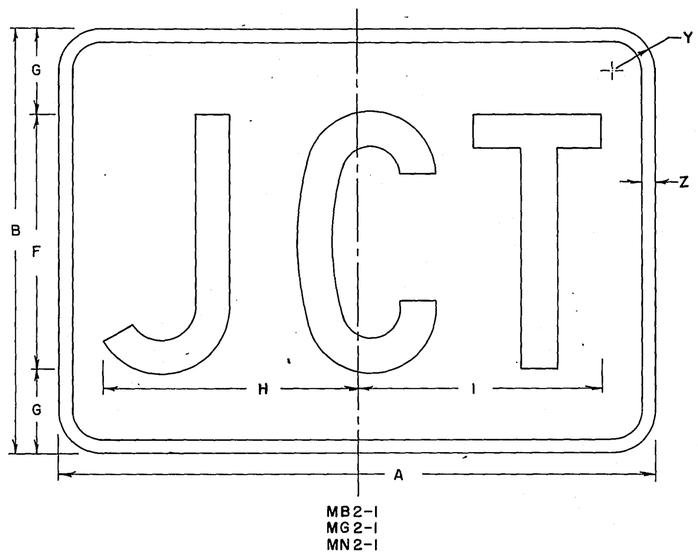
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chief Traffic Engineer

DATE 7-9-85 PLATE NO MI-55.2



M2-1
MK2-1
MM2-1



MB2-1
MG2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - See note 5 - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - } See Note 5
   Message - }
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal the corners and borders shall be rounded.
5. M2-1: Background - Reflectorized White
   Message - Black
   MB2-1: Background - Reflective Blue
   Message - Reflectorized White
   MG2-1: Background - Reflective Green
   Message - Reflectorized White
   MK2-1: Background - Non-reflective Green
   Message - Non-reflective White
   MM2-1: Background - Reflectorized White
   Message - Reflective Green
   MN2-1: Background - Reflective Brown
   Message - Reflectorized White
   MR2-1: Background - Non-reflective Brown
   Message - Non-reflective Yellow
6. Border shall be omited on MM2-1.
7. Drawing may be scaled for standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1																											
Standard	2	21	15	1 1/8	3/8	3/8	9	3	8 15/16	8 5/8																1 1/2	1/2	2.187
Oversize	3																											
Exp-way	4	30	21	1 1/8	3/8	1/2	13	4	12 7/8	12 7/16																1 1/2	1/2	4.375
Freeway	5	30	21	1 1/8	3/8	1/2	13	4	12 7/8	12 7/16																1 1/2	1/2	4.375
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA

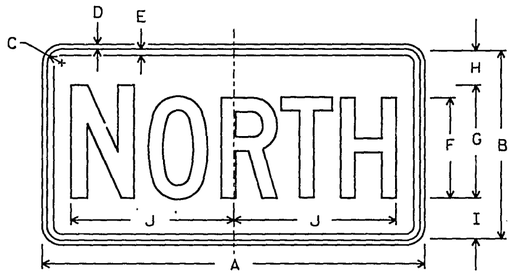
Date Drawn –	Date Redrawn – 11-23-81
Date Revised –	11-23-81 dw

STANDARD SIGN
M2-1

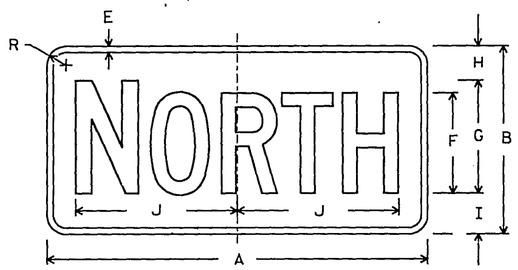
WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____
Chief Traffic Engineer

DATE 4-7-82 PLATE NO M2-1.4



M3-1
MK3-1



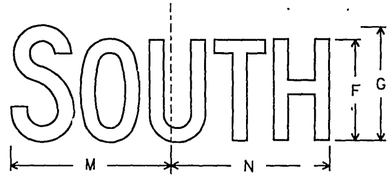
MB3-1
MG3-1
MM3-1
MN3-1



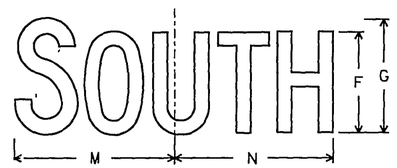
M3-2
MK3-2



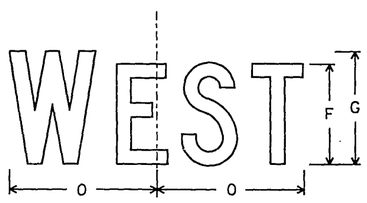
MB3-2
MG3-2
MM3-2
MN3-2



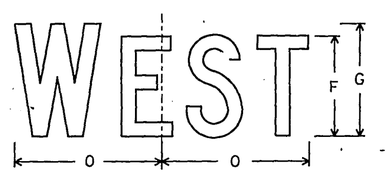
M3-3
MK3-3



MB3-3
MG3-3
MM3-3
MN3-3



M3-4
MK3-4



MB3-4
MG3-4
MM3-4
MN3-4

NOTES

1. Signs are Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - Reflective white
   Message - Black
   MB3-1 thru MB3-4 Background - Reflective blue
   Message - Reflective white
   MG3-1 thru MG3-4 Background - Reflective green
   Message - Reflective white
   MK3-1 thru MK3-4 Background - Non-Reflective green
   Message : Non-Reflective white
   MM3-1 thru MM3-4 Background - Reflective white
   Message - Reflective green
   MN3-1 thru MN3-4 Background - Reflective brown
   Message - Reflective white
6. Border shall be omitted on MM series.
7. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
2	24	12	1 1/8	3/8	1/2	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	30	15	1 1/8	3/8	1/2	8	9	2 3/4	3 1/4	12 3/4	10 3/8	11 1/8	12 5/8	12 1/2	11 5/8			1 1/2									3.13
4	30	15	1 1/8	3/8	1/2	8	9	2 3/4	3 1/4	12 3/4	10 3/8	11 1/8	12 5/8	12 1/2	11 5/8			1 1/2									3.13
5	30	15	1 1/8	3/8	1/2	8	9	2 3/4	3 1/4	12 3/4	10 3/8	11 1/8	12 5/8	12 1/2	11 5/8			1 1/2									3.13

DATE DRAWN 6-12-92 DATE REDRAWN _____
DATE REVISED _____ _____

STANDARD SIGNS M3-1 thru M3-4 SERIES

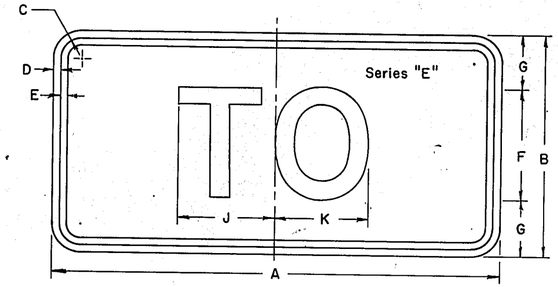
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
State Traffic Engineer
DATE 6/23/92 PLATE NO. M3-1.5

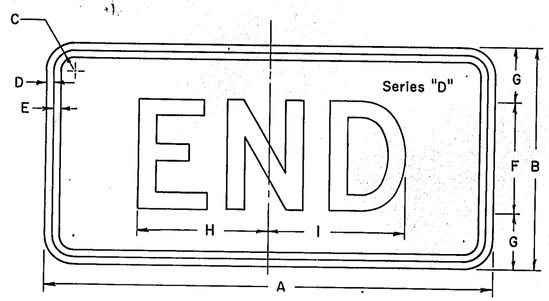
PLOT NAME: M31
PLOT SCALE: 6.0
FILE NAME: M31
ORIGINATOR: AL WIEDENBECK
LEVELS ON - 2.3. 5. 10.
58.59.

TR STDPLATE M31.DGN

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
PROJECT DESIGNATION		



M4-5



M4-6
MK4-6

NOTES:

1. Sign is Type II
2. Color:
   Background —
   Message — } See NOTE 5
3. Face Material —
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 and M4-6: Background – Reflectorized White
   Message – Black
   Face Material – Reflective Sheeting

   MK4-5 and MK4-6: Background – Non-reflective Green
   Message – Non-reflective White
   Face Material – Paint
6. Drawing may be scaled for standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Minimum	1	24	12	$1\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	6	3	7	$7\frac{1}{4}$	$5\frac{3}{16}$	5															
Standard	2	24	12	$1\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	6	3	7	$7\frac{1}{4}$	$5\frac{3}{16}$	5															
Oversize	3	30	15	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	8	$3\frac{1}{2}$	$9\frac{5}{16}$	$9\frac{21}{32}$	$6\frac{29}{32}$	$6\frac{21}{32}$															
Exp-way	4	30	15	$1\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	8	$3\frac{1}{2}$	$9\frac{5}{16}$	$9\frac{21}{32}$	$6\frac{29}{32}$	$6\frac{21}{32}$															
Freeway	5	24	12	$1\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	6	3	7	$7\frac{1}{4}$	$5\frac{3}{16}$	5															

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Freeway	5																										

Date Drawn – 12-15-64 Date Redrawn – 2-23-72

Date Revised 1-13-72
10-12-72

STANDARD SIGN
M4-5, M4-6

Old Codes M2-52 — M7-1

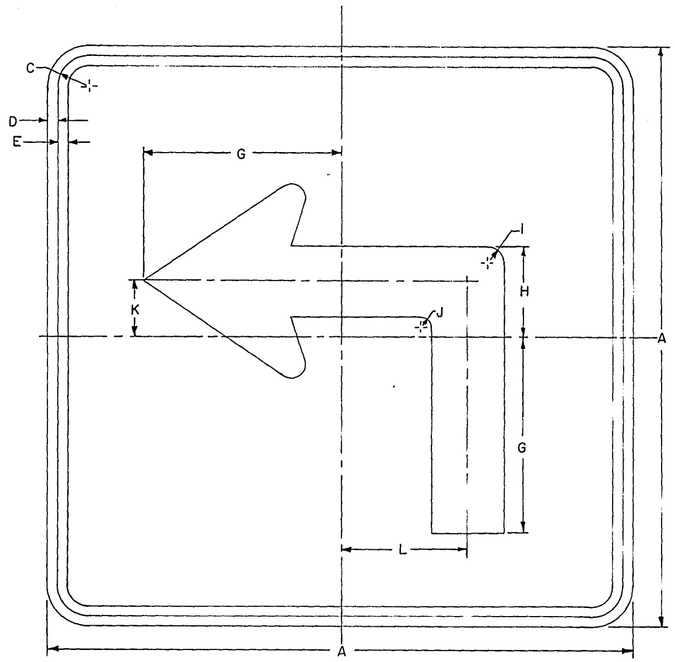
WISCONSIN DIVISION OF HIGHWAYS

APPROVED S. E. Hicks
STATE HIGHWAY ENGINEER

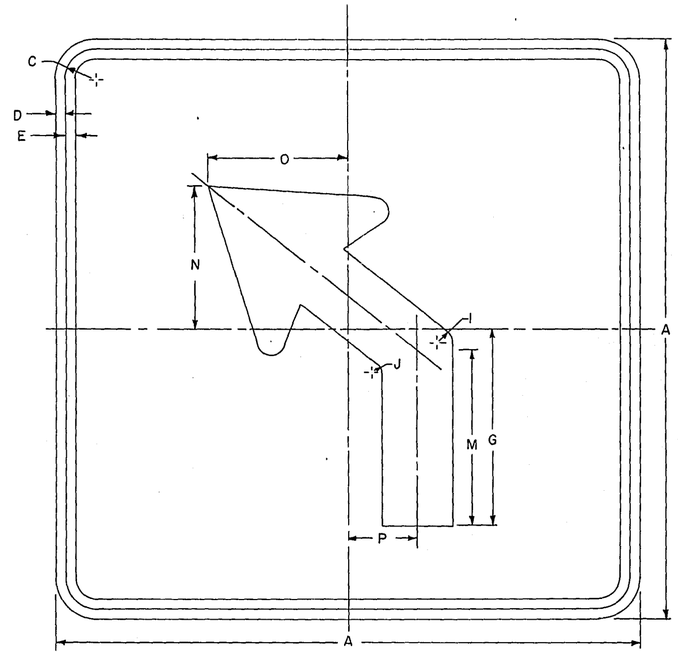
DATE 9/18/72 PLATE NO. M4-5.5

Replaces in part Old Plate M2-1.2

PROJECT I. D.	SHEET NUMBER	TOTAL SHEETS
PROJECT DESIGNATION		



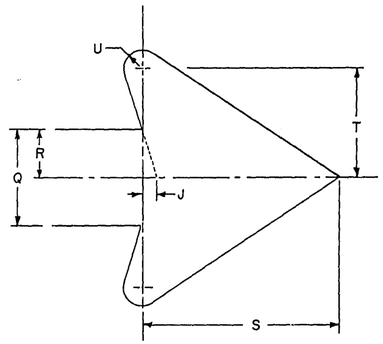
M5-IL
MK5-IL
MM5-IL



M5-2L
MK5-2L
MM5-2L

NOTES:

1. Sign is Type III
2. Color:
   Background –
   Message – } See note 8
3. Face Material –
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. This drawing may be scaled for STANDARD Size only.
6. M5-1R same as M5-1L except arrow points right.
7. M5-2R same as M5-2L except arrow tilts right.
8. M5-1 and M5-2: Background - Reflectorized White
   Message - Black
   Face Material - Reflective Sheeting
   MK5-1 and MK5-2: Background - Non-reflective Green
   Message - Non-reflective White
   Face Material - Paint
   MM5-1 and MM5-2: Background - Reflectorized White
   Message - Reflective Green
   Face Material - Reflective Sheeting
9. Border shall be omitted on MM5-1 and MM5-2.
10. Drawing may be scaled for standard size only.



Arrow Detail

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Minimum	1	21		1 1/8	3/8	3/8		7 1/8	3 3/8	9/16	3/8	2 1/16	4 1/2	6 3/8	5 3/16	5 1/16	2 7/16	2 5/8	1 5/16	5 1/4	3	1/2					
Standard	2	21		1 1/8	3/8	3/8		7 1/8	3 3/8	9/16	3/8	2 1/16	4 1/2	6 3/8	5 3/16	5 1/16	2 7/16	2 5/8	1 5/16	5 1/4	3	1/2					
Oversize	3																										
Exp-way	4	30		1 3/8	1/2	5/8		10 3/16	4 13/16	13/16	17/32	2 15/16	6 7/16	9 1/8	7 7/16	7 1/4	3 1/2	3 3/4	1 7/8	7 1/2	4 1/4	11/16					
Freeway	5																										

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Freeway	5																										

Date Drawn – 9-16-63 Date Redrawn – 9-22-72 WSB

Date Revised – 4-14-72
9-22-72

STANDARD SIGN
M5-1L&R — M5-2L&R

Old Code: M3-1, M3-2, M3-4, M3-5

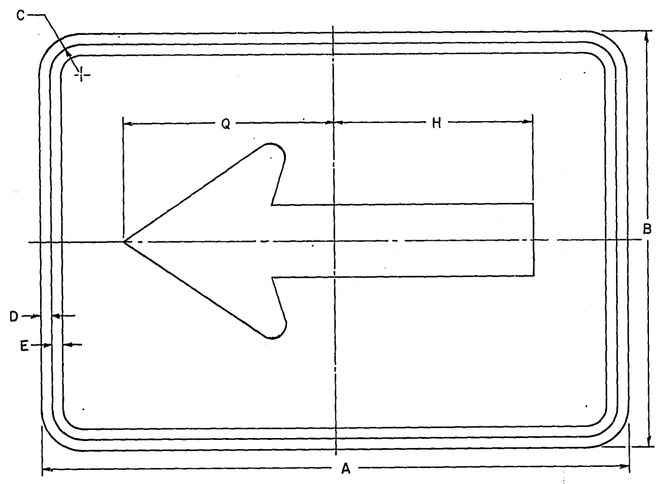
WISCONSIN DIVISION OF HIGHWAYS

APPROVED H. S. Fiedler
STATE HIGHWAY ENGINEER

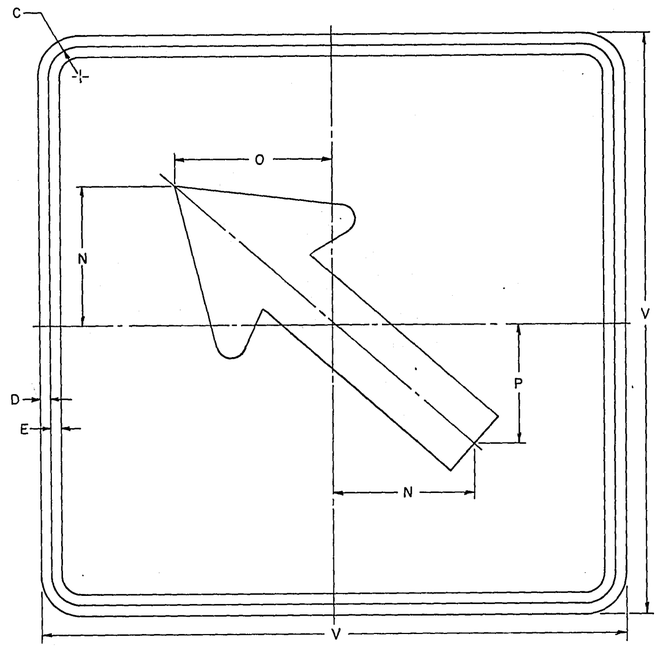
DATE 11/8/72 PLATE NO. M5-1.2

Replaces Old Plate M3-1.1

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
PROJECT DESIGNATION		



M6-1L
MK6-1L
MM6-1L

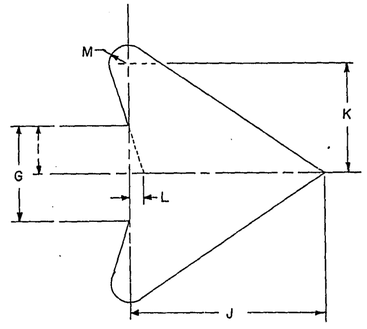


M6-2L
MK6-2L
MM6-2L

For M5-3 & M6-3 see note 5

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Minimum	1	21	15	1 1/8	3/8	3/8		2 5/8	7 1/8	1 5/16	5 1/4	3	3/8	1/2	5 1/16	5 5/8	4 5/16	7 1/2					21				
Standard	2	21	15	1 1/8	3/8	3/8		2 5/8	7 1/8	1 5/16	5 1/4	3	3/8	1/2	5 1/16	5 5/8	4 5/16	7 1/2					21				
Oversize	3																										
Exp-way	4	30	21	1 1/8	3/8	1/2		3 3/4	10 3/16	1 7/8	7 1/2	4 1/4	1/2	11/16	7 1/4	8 1/16	6 1/16	10 3/4					30				
Freeway	5																										

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Freeway	5																										



Arrow Detail

NOTES:

1. Sign is Type II
2. Color:
   Background – } See note 8
   Message – }
3. Face Material –
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M6-3 & M5-3 are same as M6-1L except board is turned 90° clockwise.
6. M6-2R same as M6-2L except board is turned 90° clockwise.
7. M6-1R same as M6-1L except board is turned 180°.
8. M5-3, M6-1,2, and 3: Background-Reflectorized White
   Message-Black
   Face Material-Reflective Sheeting
   MK5-3, MK6-1,2, and 3: Background-Non-reflective Green
   Message-Non-reflective White
   Face Material-Paint
   MM5-3, MM6-1,2, and 3: Background-Reflectorized White
   Message-Reflective Green
   Face Material-Reflective Sheeting
9. Border shall be omitted on MM5-3, MM6-1,2, and 3.
10. Drawing may be scaled for standard size only.

Date Drawn – 9-17-62 Date Redrawn – 9-20-72 cjt

Date Revised – 9-17-63, 3-30-71, 2-25-72, 9-20-72

STANDARD SIGNS
M6-1L&R, M6-2L&R, M6-3&M5-3

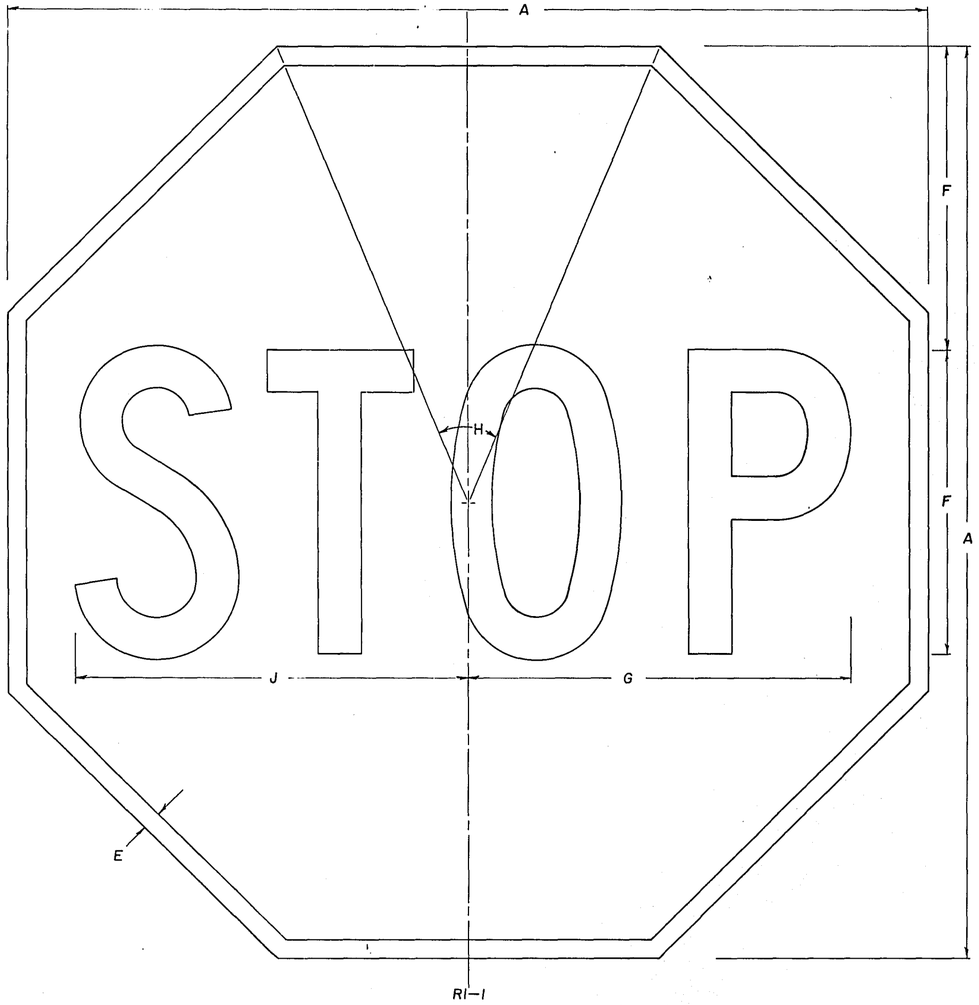
Old Code M4-1 thru M4-5 & M3-3

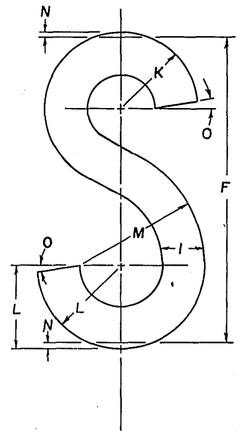
WISCONSIN DIVISION OF HIGHWAYS

APPROVED _____ STATE HIGHWAY ENGINEER

DATE 11/5/... PLATE NO. M6-1.5

Replaces Old Plate M3-1.1 & M4-1.4





NOTES

1. Sign is Type II
2. Color:
   Background – Reflective Red
   Message – Reflective White
3. Face Material — Type H, Reflective Sheeting
4. Letters- Series C, with "S" modified
5. This drawing may be scaled for Freeway size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1	24				3/8	8	10	45°	1 1/8	10 1/4	2	2 3/16	3 1/4	1/8	10°												3.31
Standard	2	30				5/8	10	12 1/2	45°	1 13/32	12 13/16	2 1/2	2 23/32	4 1/16	5/32	10°												5.18
Oversize	3	36				3/4	12	15	45°	1 11/16	15 3/8	3	3 9/32	4 7/8	3/16	10°												7.46
Exp-way	4	48				1	16	20	45°	2 1/4	20 1/2	4	4 3/8	6 1/2	1/4	10°												13.25
Freeway	5	48				1	16	20	45°	2 1/4	20 1/2	4	4 3/8	6 1/2	1/4	10°												13.25
Bicycle	6																											
Snowmobile	7																											

SIZE	CODE SIZE	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Freeway	5																										
Bicycle	6																										
Snowmobile	7																										

RV	CK	RA	RA
.7	Rudy		

Date Drawn – Date Redrawn – 10-3-79

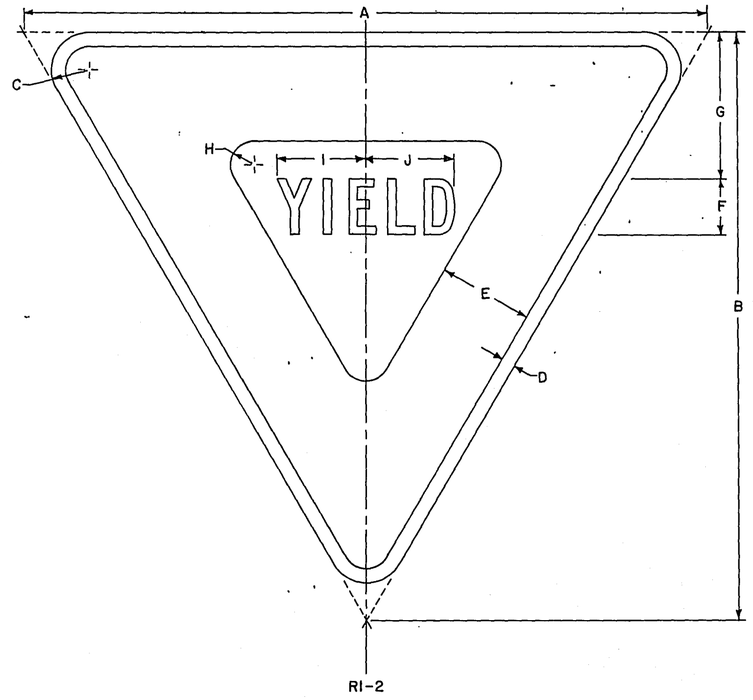
Date Revised – 10-3-79

STANDARD SIGN
RI-1

WISCONSIN DEPT. OF TRANSPORTATION

APPROVED _____
Chief Traffic Engineer

DATE 5-1-81 PLATE NO RI-1.7



RI-2

NOTES :

1. Sign is Type II
2. Color Material
   Background – White – Type H reflective sheeting
   Message – – See note 5
3. Message Series – "C"
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. The border strip and word message are reflectorized red.
6. This drawing may be scaled for Standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq Ft
Minimum	1	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
Standard	2	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
Oversize	3																											
Exp way	4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
Freeway	5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA

Date Drawn – Date Redrawn – 10-30-80 LR

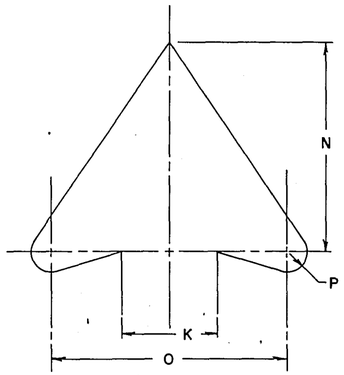
Date Revised – 7-7-75
9-4-75
10-30-80 LR

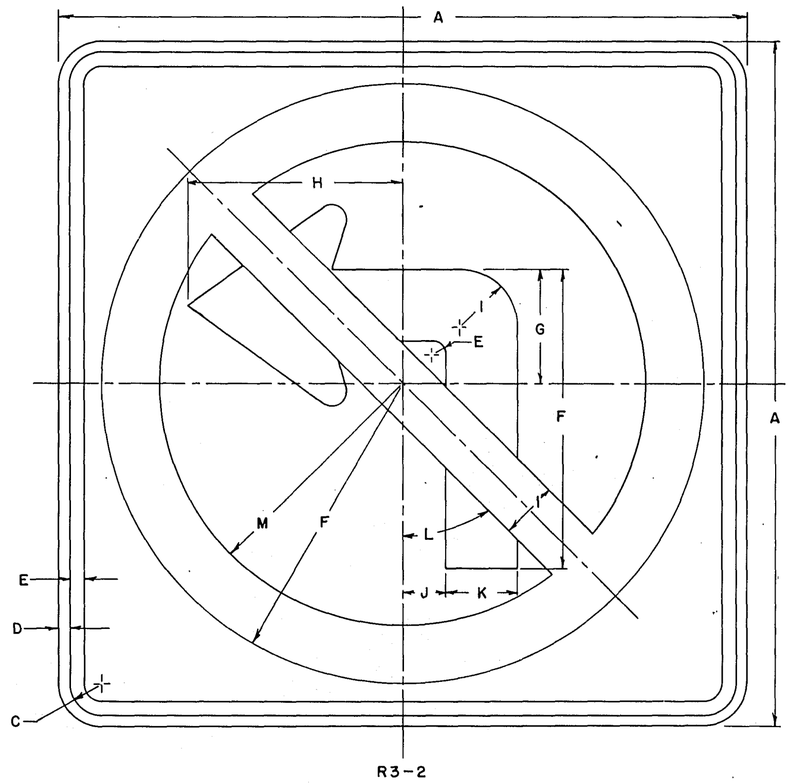
STANDARD SIGN
RI – 2

WISCONSIN DEPT. OF TRANSPORTATION

APPROVED
Chief Traffic Engineer

DATE 8-14-81 PLATE NO RI-2.8





R3-2

NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See Note 5
3. Message Series –
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Border & Arrow are non-reflective black, the circle with diagonal is reflective red.
6. This drawing may be scaled for Standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bd Area Sq Ft
Minimum	1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2												4.0
Standard	2	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2												4.0
Oversize	3	30		1 3/8	1/2	5/8	13 1/8	5	9 1/2	2 1/2	1 7/8	3 1/8	45°	10 5/8	6 1/4	7 1/2	5/8												6.25
Exp-way	4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4												9.0
Freeway	5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1												16.0
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA
.1	JJW		

Date Drawn –3-4-83 DHB Date Redrawn –

Date Revised – 3-4-83

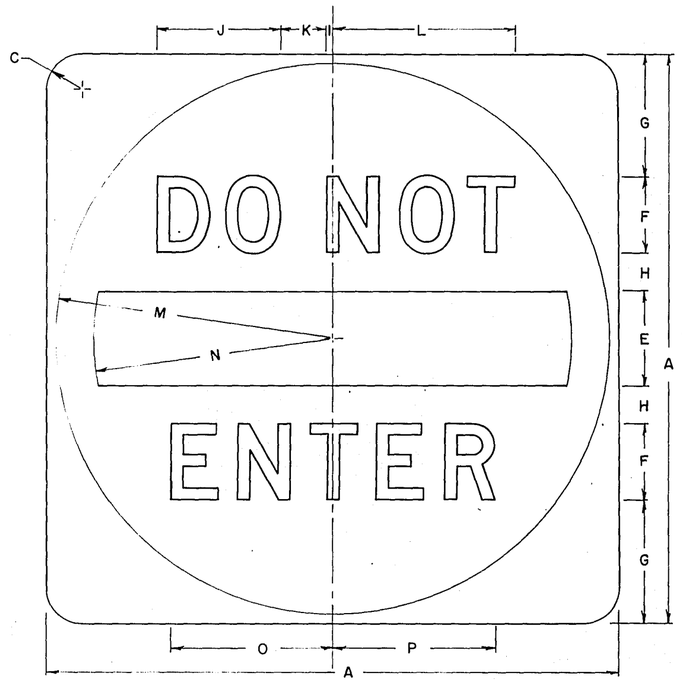
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____ Chief Traffic Engineer

DATE 4-15-83 PLATE NO R3-2.6

X



R5-1

NOTES

1. Sign is Type II - Reflective Type H - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See Note 5
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message will be reflectorized red circle with letters and bar being reflective white.
6. This drawing may be scaled for standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bd Area Sq Ft
Minimum	1																											
Standard	• 2	30		$1\frac{7}{8}$		5	4	$6\frac{1}{2}$	2	$\frac{3}{8}$	$6\frac{1}{2}$	$2\frac{3}{8}$	$9\frac{5}{8}$	$14\frac{1}{2}$	$12\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{9}{16}$												6.26
Oversize	3	36		$2\frac{1}{4}$		6	5	$7\frac{1}{2}$	$2\frac{1}{2}$	$\frac{7}{16}$	$8\frac{1}{8}$	$2\frac{15}{16}$	$12\frac{1}{16}$	$17\frac{1}{2}$	15	$10\frac{5}{8}$	$10\frac{11}{16}$												9.0
Exp way	4	36		$2\frac{1}{4}$		6	5	$7\frac{1}{2}$	$2\frac{1}{2}$	$\frac{7}{16}$	$8\frac{1}{8}$	$2\frac{15}{16}$	$12\frac{1}{16}$	$17\frac{1}{2}$	15	$10\frac{5}{8}$	$10\frac{11}{16}$												9.0
Freeway	5	48		3		8	6	11	3	$\frac{9}{16}$	$9\frac{3}{4}$	$3\frac{5}{8}$	$14\frac{7}{16}$	$23\frac{1}{2}$	20	$12\frac{3}{4}$	$12\frac{7}{8}$												16.0
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	BA
.10			

Date Drawn - Date Redrawn - 5-3-84

Date Revised - 5-3-84

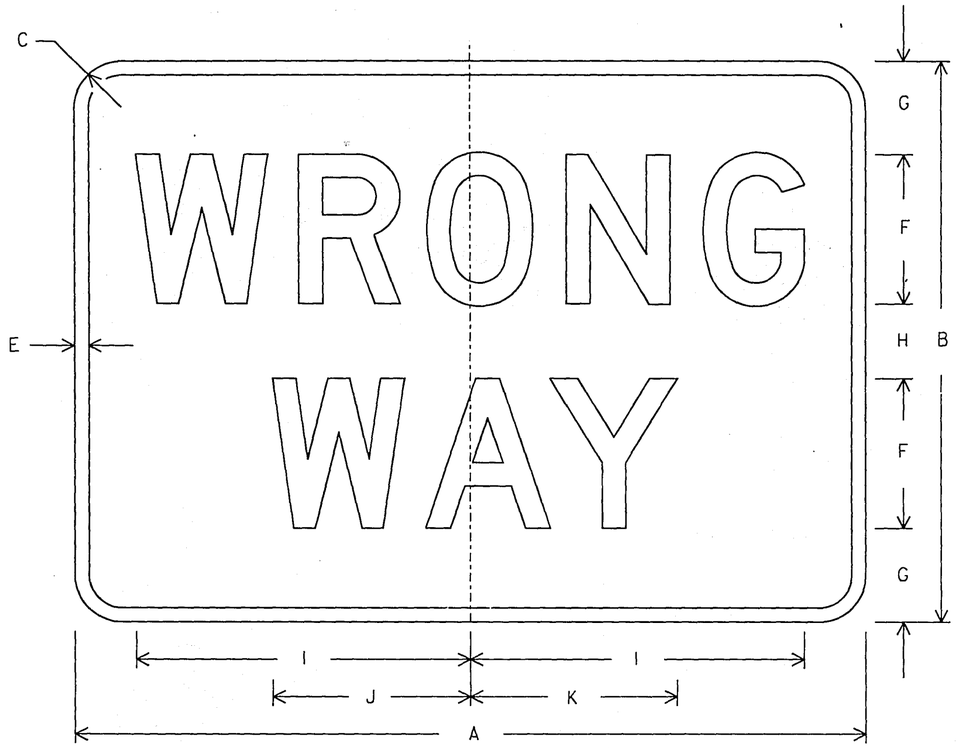
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chief Traffic Engineer

DATE 9-11-84 PLATE NO R5-1.10

PLOT NAME: R59
PLOT SCALE: 4:1
FILE NAME: R59
ORIGINATOR: AL WIEDENBECK
58.59.
LEVELS ON - 2.3. 5. 10.



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - Series D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

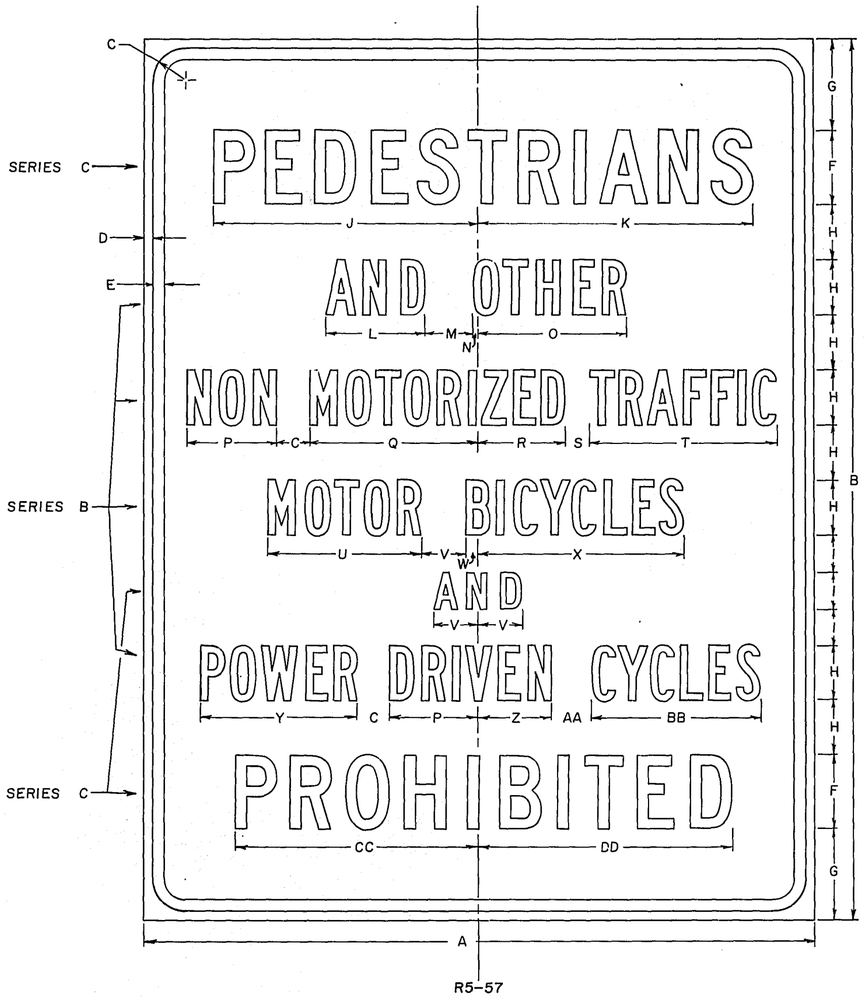
DATE DRAWN 1-29-92 DATE REDRAWN _____
DATE REVISED 4-15-92 _____

STANDARD SIGN
R5-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
State Traffic Engineer
DATE 4/21/92 PLATE NO. R5-9.6

PROJECT I. D.	SHEET NUMBER	TOTAL SHEETS
PROJECT DESIGNATION		



R5-57

NOTES:

1. Sign is Type II
2. Color:
   Background — Reflectorized White
   Message — Black
3. Face Material — Reflective Sheeting
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1	36	48	1 3/4	1/2	5/8	4	5	3	2	14 3/16	14 3/4	5 3/8	2 1/2	1/4	8	4 3/4	9	4 11/16	1 3/8	10 1/8	8 1/4	2 3/8	5/8	11	8 3/8	3 15/16	12
Standard	2	36	48	1 3/4	1/2	5/8	4	5	3	2	14 3/16	14 3/4	5 3/8	2 1/2	1/4	8	4 3/4	9	4 11/16	1 3/8	10 1/8	8 1/4	2 3/8	5/8	11	8 3/8	3 15/16	12
Oversize	3																											
Exp-way	4																											
Freeway	5	36	48	1 3/4	1/2	5/8	4	5	3	2	14 3/16	14 3/4	5 3/8	2 1/2	1/4	8	4 3/4	9	4 11/16	1 3/8	10 1/8	8 1/4	2 3/8	5/8	11	8 3/8	3 15/16	12
		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1	2 1/8	9 1/8	13	13 5/8																							
Standard	2	2 1/8	9 1/8	13	13 5/8																							
Oversize	3																											
Exp-way	4																											
Freeway	5	2 1/8	9 1/8	13	13 5/8																							

Date Drawn — Date Redrawn — 3/11/77 DWR

Date Revised — 3-11-77
1-16-78 DWR

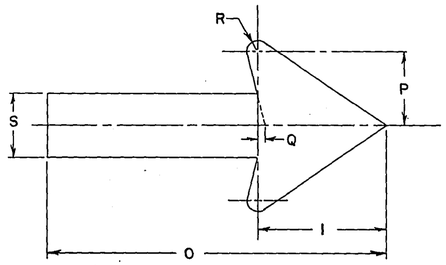
STANDARD SIGN
R5-57

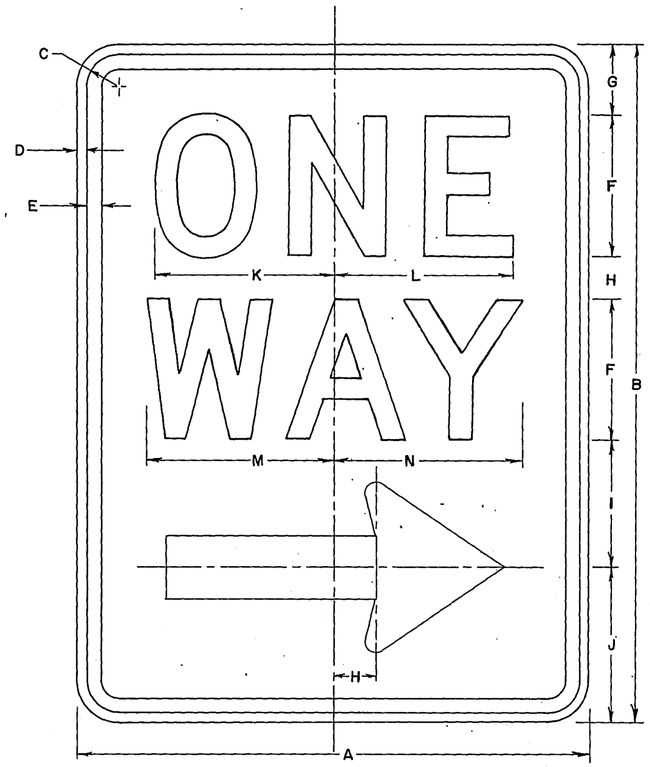
WISCONSIN DIVISION OF HIGHWAYS

APPROVED

CHIEF TRAFFIC ENGINEER

DATE 2/11/78 PLATE NO. R5-57.6





R6-2R

NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points left.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1																											
Standard	2	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 1/4	6 5/16	6 9/16	6 5/8	11 7/8	2 5/8	1/4	3/8	2 1/4								3.0
Oversize	3	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	5 1/2	6 1/2	7 11/16	7 3/4	8	8 3/8	15 3/4	3 1/4	5/16	1/2	2 3/4								5.0
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA
2	WWW		

Date Drawn – Date Redrawn – 4-1-83 DDW

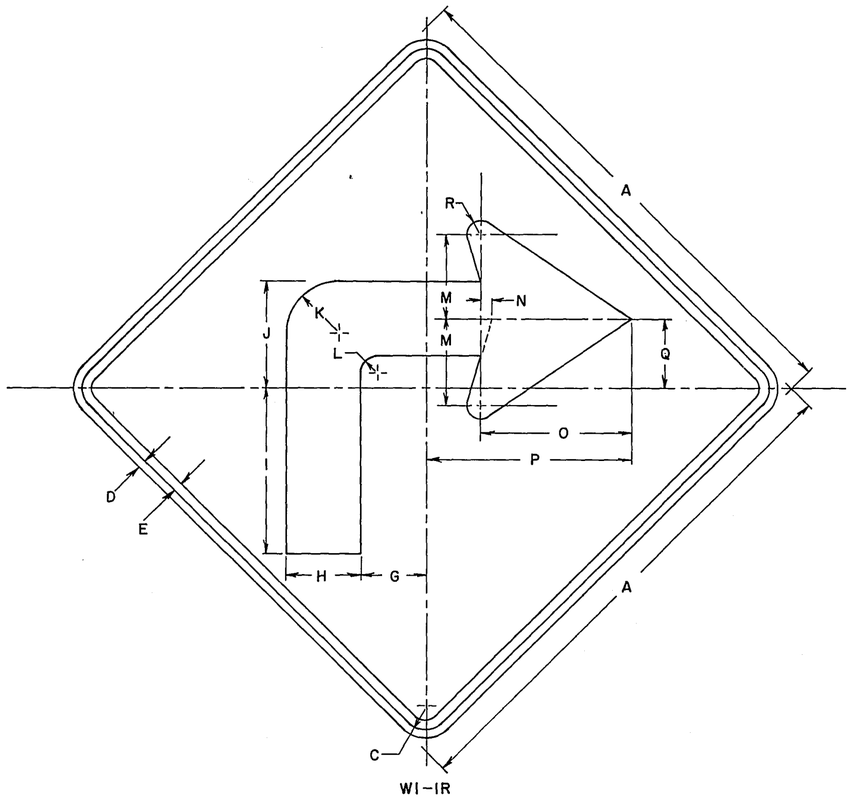
Date Revised –

STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____ Chief Traffic Engineer

DATE 4-15-83 PLATE NO R6-2.2



WI-IR

NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series -
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. WI-IL is the same as WI-IR except the arrow is reversed along the vertical centerline.
6. Drawing may be scaled for standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1	24		1 1/8	3/8	1/2		3	3 1/2	7 3/4	5	2 7/16	13/16	4	1/2	7	9 1/2	3 1/4	5/8									4.0
Standard	2	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 3/16	6	3/4	10 1/2	14 1/4	4 7/8	15/16									9.0
Oversize	3	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 3/16	6	3/4	10 1/2	14 1/4	4 7/8	15/16									9.0
Exp way	4	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19	6 1/2	1 1/4									16.0
Freeway	5	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19	6 1/2	1 1/4									16.0
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp way	4																										
Freeway	5																										
Bicycle	6																										
Snowmobile	7																										

RV	CK	RA	RA

Date Drawn –
Date Redrawn – 1-20-83

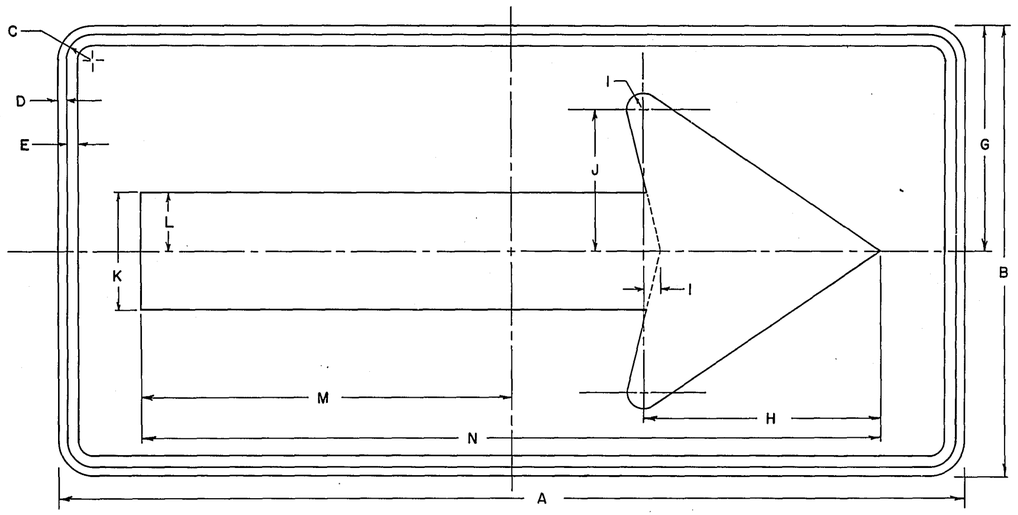
Date Revised –

STANDARD SIGN
WI-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chief Traffic Engineer

DATE 5-5-83
PLATE NO WI-1.5



WI-6

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Reflective Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq Ft
Minimum	1																											
Standard	2	48	24	1 3/8	1/2	5/8		12	12 1/2	7/8	7 1/2	6 1/4	3 1/8	19 1/2	39													8.0
Oversize	3	60	30	1 3/8	1/2	5/8		15	15 5/8	1 1/8	9 3/8	7 7/8	3 15/16	24 3/8	48 3/4													12.5
Exp-way	4	60	30	1 3/8	1/2	5/8		15	15 5/8	1 1/8	9 3/8	7 7/8	3 15/16	24 3/8	48 3/4													12.5
Freeway	5	96	48	2 1/4	3/4	1		24	25	1 3/4	15	12 1/2	6 1/4	39	78													32.0
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA

37169

Date Drawn - 5-20-85 DBM Date Redrawn -

Date Revised - _____ _____

_____ _____

_____ _____

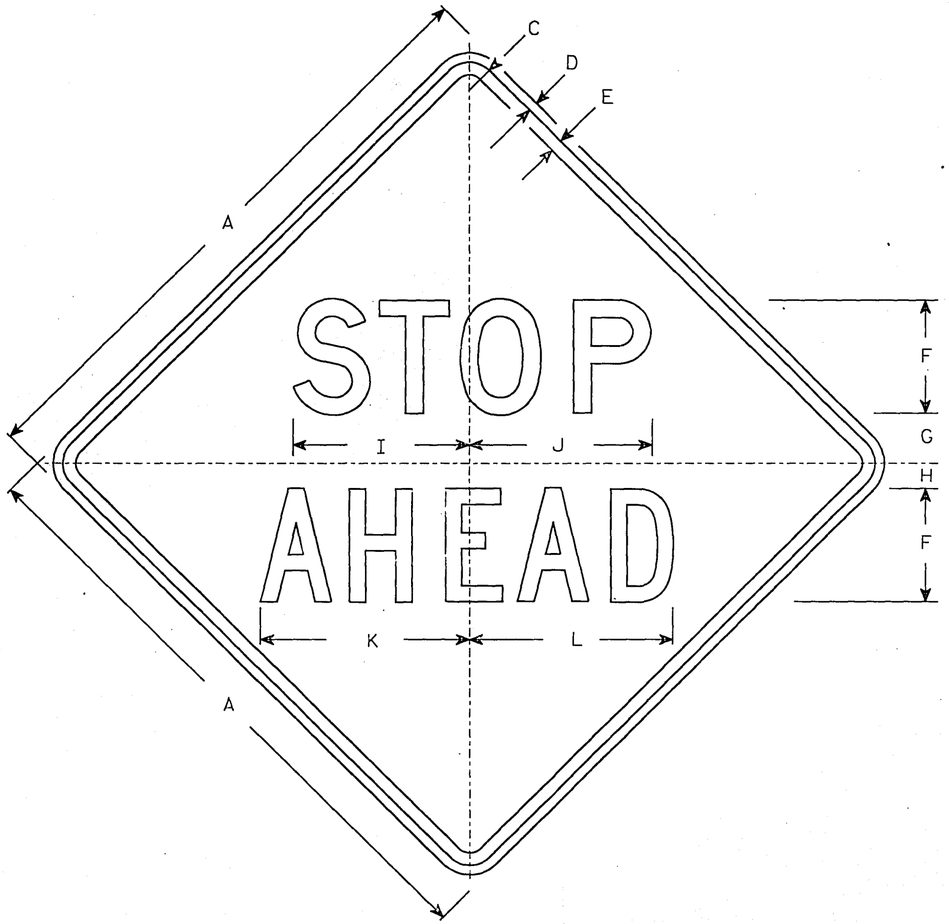
STANDARD SIGN
WI-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____
Chief Traffic Engineer

DATE 5-31-85 PLATE NO WI-6.5

PLOT NAME: W3i
PLOT SCALE: 6:1
FILE NAME: W3i
58.59.
LEVELS ON - 1,2,3, 5, 10.
ORIGINATOR: dlwiegenbeck



NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. STOP is Series D and AHEAD is Series C.

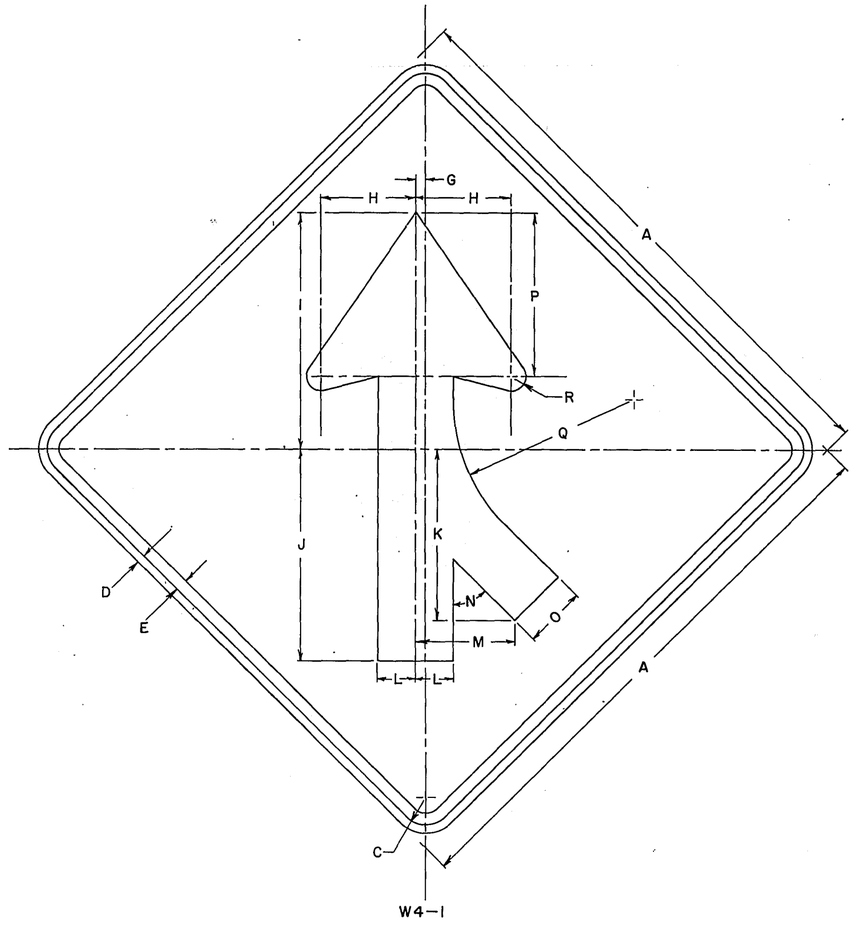
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
BIKE	18		1 1/8	3/8	3/8	3	1 3/4	3/4	4 3/4	5 1/4	5 3/8	5 3/8															2.25
1	30		1 3/8	1/2	5/8	6	2 1/2	1 1/4	9 3/8	9 1/2	10 5/8	10 1/4															6.25
2	36		1 5/8	5/8	3/4	7	3 1/2	1	11 1/8	11 1/4	13 3/8	13 1/4															9.0
3	36		1 5/8	5/8	3/4	7	3 1/2	1	11 1/8	11 1/4	13 3/8	13 1/4															9.0
4	48		2 1/4	3/4	1	9	4	2	13 7/8	14 3/8	16 1/2	16															16.0
5	48		2 1/4	3/4	1	9	4	2	13 7/8	14 3/8	16 1/2	16															16.0

DATE DRAWN 8-13-92 DATE REDRAWN _____
DATE REVISED _____ _____

STANDARD SIGN
W3 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Julie A. Kunert
State Traffic Engineer
DATE 5/21/92 PLATE NO. W3-1.7



W4-1

NOTES

1. Sign is Type II - Type H reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-1L same as W4-1 except arrow is reversed.
5. This drawing may be scaled for standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft
Minimum	1	24		1 1/8	3/8	1/2		7/16	4	10 3/16	9	7 3/16	1 5/8	4 3/16	45°	2 5/8	7	7 5/8	5/8									4.0
Standard	2	30		1 3/8	1/2	5/8		1/2	5	12 3/4	11 1/4	9	2	5 1/4	45°	3 1/4	8 3/4	9 1/2	3/4									6.25
Oversize	3	36		1 5/8	5/8	3/4		5/8	6	15 5/16	13 1/2	10 3/16	2 3/8	6 5/16	45°	3 7/8	10 1/2	11 3/8	7/8									9.0
Exp-way	4	36		1 5/8	5/8	3/4		5/8	6	15 5/16	13 1/2	10 3/16	2 3/8	6 5/16	45°	3 7/8	10 1/2	11 3/8	7/8									9.0
Freeway	5	48		2 1/4	3/4	1		13/16	8	20 3/8	18	14 3/8	3 3/16	8 3/8	45°	5 3/16	14	15 3/16	1 3/16									16.0
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA
.7	W		

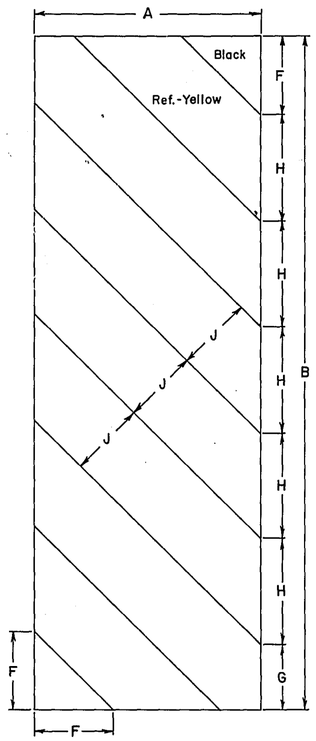
Date Drawn –
Date Redrawn – 1-13-83 5-6-85 WLR
Date Revised – 1-13-83 5-6-85 WLR

STANDARD SIGN
W4-1

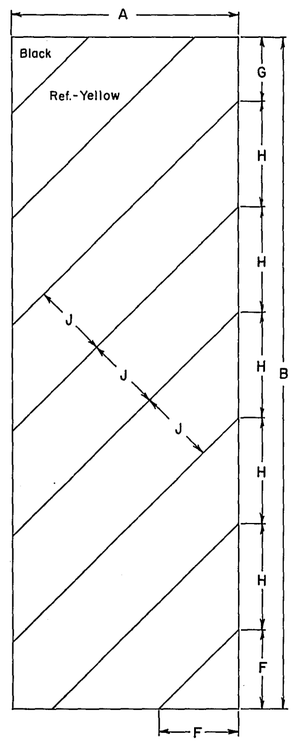
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chief Traffic Engineer
DATE 5-31-85 PLATE NO W4-1.8

STATE PROJECT NUMBER	SHEET NO.



W5-52L



W5-52R

NOTES

1. Sign is Type III – Type H Reflective – reference WIS D.O.T. Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background – Yellow
   Message – Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Alternate colors of stripes as shown.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1																											
Standard	2	12	36				$4\frac{3}{8}$	$3\frac{1}{2}$	$5\frac{5}{8}$	45°	4																	3.0
Oversize	3	18	54				$6\frac{9}{16}$	$5\frac{1}{4}$	$8\frac{7}{16}$	45°	6																	6.75
Exp-way	4																											
Interstate	5																											

SIZE	CODE SIZE	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1																										
Standard	2																										
Oversize	3																										
Exp-way	4																										
Interstate	5																										

RV	CK	RA	RA
.4	[illegible]		

Date Drawn -10-19-78 Date Redrawn -

Date Revised - 9-5-84

STANDARD SIGNS

W5-52L & W5-52R

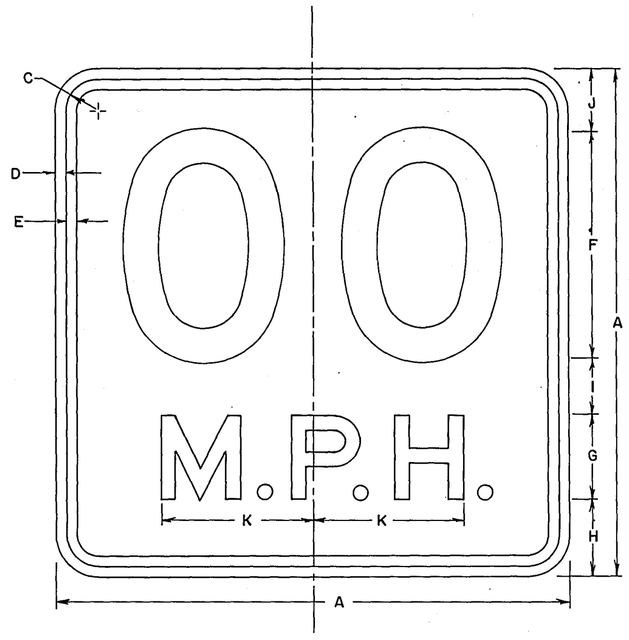
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

CHIEF TRAFFIC ENGINEER

DATE 9-24-84 PLATE NO. W5-52.5

Catalog No. 2130-0120



W13-1

NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Num. series "D" - Copy series "E".
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. This drawing may be scaled for standard size only.
6. Substitute appropriate numerals & adjust spacing to achieve proper balance.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1																											
Standard	2	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 5/16																2.25
Oversize	3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
Exp-way	4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
Freeway	5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
Bicycle	6																											
Snowmobile	7																											

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA
1	WRM		

Date Drawn – Date Redrawn – 4-18-83 WRM

Date Revised – _____ _____

_____ _____

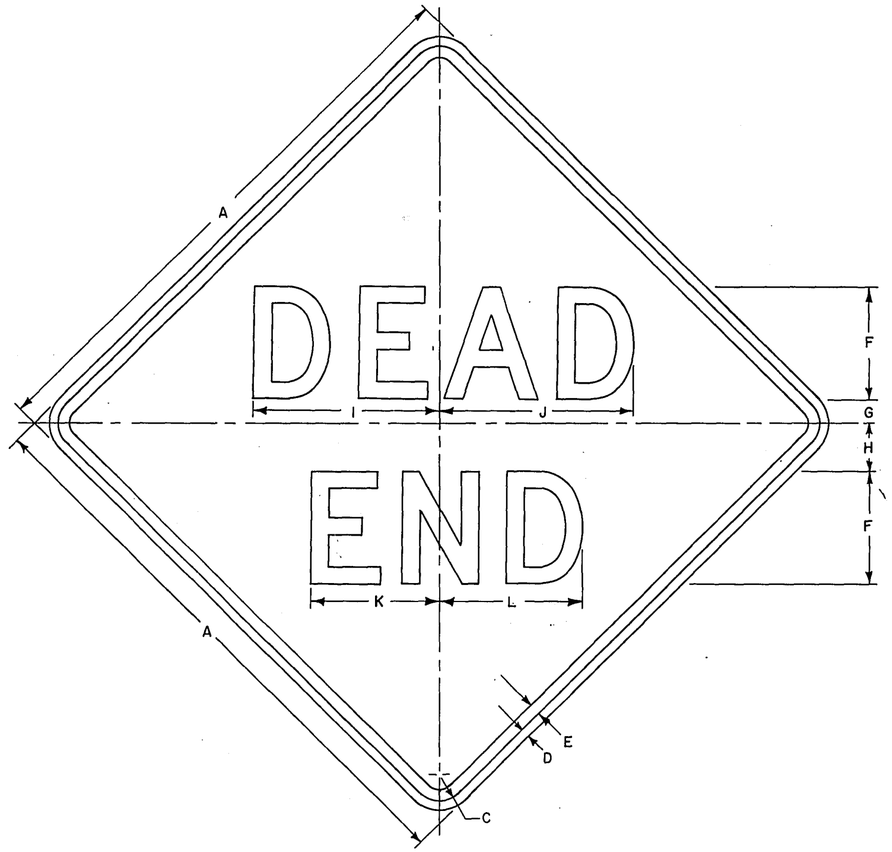
_____ _____

STANDARD SIGN
W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____
Chief Traffic Engineer

DATE 5-5-83 PLATE NO W13-1.7



W14-1

NOTES

1. Sign is Type III – Reflective – reference WIS D.O.T. Standard Specification for ROAD and BRIDGE CONSTRUCTION latest edition.
2. Color:
   Background – Yellow
   Message – Black
3. Message Series – "D"
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. This drawing may be scale for standard size only.

SIZE	CODE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Bid Area Sq. Ft.
Minimum	1	24		1 1/8	3/8	1/2	5	1	2	8 1/8	8 9/16	5 5/8	6 1/4															4.00
Standard	2	30		1 3/8	1/2	5/8	6	1 1/4	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
Oversize	3	36		1 5/8	5/8	3/4	8	1 1/2	3	13	13 3/4	9	10															9.00
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											
		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ	
Minimum	1																											
Standard	2																											
Oversize	3																											
Exp-way	4																											
Freeway	5																											
Bicycle	6																											
Snowmobile	7																											

RV	CK	RA	RA
.2	WW		

Date Drawn – 8-11-72 Date Redrawn – 12-4-81 WW

Date Revised – _____ _____

_____ _____

_____ _____

STANDARD SIGN
W14 – 1

WISCONSIN DEPT. OF TRANSPORTATION

APPROVED _____
Chief Traffic Engineer

DATE 5-13-82 PLATE NO W14-1.2

PLOT NAME: 74301.DGN PLOT SCALE: 1"=5' REV. DATE: 12-02-92 ORIGINATOR: J.A.PIERONI

LEVELS ON: 59,60, 5,

FILE NAME: HDGN:.74301.DGN

MODEL: RAMP_G1

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* VOLUMES *
****

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
436+00	0.8	2.7					
437+00	2.8	2.3	6.7	11.6	6.7	11.6	-4.9
438+00	0.1	18.0	5.4	46.9	12.1	58.5	-46.4
439+00	4.3	29.4	8.3	109.8	20.4	168.3	-147.8
440+00	9.3	48.8	25.3	181.1	45.8	349.4	-303.6
440+10	6.7	63.4	3.0	26.0	48.7	375.4	-326.7
441+00	5.1	70.6	19.7	279.3	68.4	654.7	-586.2
442+00	6.1	90.9	20.9	373.9	89.3	1028.5	-939.2
442+88	0.3	47.9	10.4	282.6	99.7	1311.2	-1211.5
443+00	0.5	43.9	0.2	25.5	99.9	1336.7	-1236.8
443+07	0.3	93.1	0.1	22.2	100.0	1358.9	-1258.9
443+90	0.0	143.1	0.5	453.9	100.5	1812.7	-1712.2
444+00	0.0	146.5	0.0	67.0	100.5	1879.8	-1779.3
445+00	2.0	166.4	3.7	724.4	104.2	2604.2	-2500.0
446+00	0.1	168.2	3.8	774.5	108.0	3378.7	-3270.7
447+00	2.7	150.8	5.1	738.2	113.1	4116.9	-4003.8
448+00	1.4	125.8	7.5	640.1	120.6	4757.0	-4636.4
449+00	6.1	136.2	13.7	606.4	134.3	5363.4	-5229.1
450+00	0.0	188.8	11.2	752.4	145.5	6115.8	-5970.3
451+00	0.0	226.2	0.0	960.6	145.5	7076.4	-6930.9
452+00	9.1	62.1	16.8	667.2	162.4	7743.6	-7581.3
452+25	28.2	27.8	17.3	52.0	179.6	7795.7	-7616.0
452+60	98.3	23.8	82.0	41.8	261.7	7837.5	-7575.8
452+90	89.8	38.5	104.5	43.3	366.2	7880.8	-7514.5
453+00	80.3	57.3	31.5	22.2	397.7	7902.9	-7505.2
453+08	63.0	79.0	21.2	25.2	419.0	7928.2	-7509.2
453+60	1.7	189.4	62.3	323.0	481.2	8251.2	-7770.0
454+00	0.0	252.2	1.3	408.9	482.5	8660.1	-8177.6
454+20	0.0	264.2	0.0	239.0	482.5	8899.1	-8416.6
454+70	0.0	293.6	0.0	645.5	482.5	9544.6	-9062.1
455+00	0.0	206.4	0.0	347.2	482.5	9891.8	-9409.3
455+25	0.2	116.6	0.1	186.9	482.6	10078.8	-9596.2
456+00	275.6	0.0	383.2	202.5	865.7	10281.3	-9415.5
457+00	922.2	0.0	2218.1	0.0	3083.9	10281.3	-7197.4
458+00	1601.2	0.0	4672.8	0.0	7756.7	10281.3	-2524.5
458+65	1883.7	0.0	4194.7	0.0	11951.4	10281.3	1670.2
459+00	1891.1	0.0	2446.6	0.0	14398.0	10281.3	4116.8
460+00	1783.7	0.0	6805.2	0.0	21203.2	10281.3	10922.0
461+00	1998.6	0.0	7004.4	0.0	28207.6	10281.3	17926.4

NOTE: TOTAL CUMULATIVE CUT VOLUME INCLUDES 2700 C.Y. OF ROCK EXCAVATION.

MODEL: RAMP_G2

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* VOLUMES *
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STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
442+00	7.7	22.9					
442+85	9.1	91.5	26.4	225.1	26.4	225.1	-198.7
443+00	7.4	99.9	4.6	66.5	31.0	291.5	-260.6
443+04	6.8	106.5	1.0	19.1	32.0	310.6	-278.6
443+95	14.4	167.9	35.7	578.1	67.7	888.7	-821.1
444+00	14.3	177.6	2.7	40.0	70.3	928.7	-858.4
444+05	6.9	155.6	2.0	38.6	72.3	967.3	-895.0
445+00	5.3	310.0	21.5	1023.8	93.8	1991.1	-1897.3
446+00	7.2	353.3	23.2	1535.4	117.1	3526.6	-3409.5
447+00	4.7	461.7	22.0	1886.6	139.1	5413.1	-5274.1
448+00	6.8	560.6	21.3	2366.4	160.3	7779.5	-7619.2
449+00	9.9	627.2	30.9	2749.5	191.3	10529.0	-10337.7
450+00	9.7	617.4	36.2	2880.9	227.5	13409.9	-13182.4
450+80	11.7	573.8	31.6	2205.9	259.1	15615.9	-15356.8
451+00	13.8	545.6	9.4	518.2	268.5	16134.1	-15865.6
452+00	11.0	626.6	45.9	2713.3	314.4	18847.4	-18533.1
452+30	10.4	754.4	11.9	959.0	326.3	19806.5	-19480.2
452+85	11.0	1031.6	21.8	2273.8	348.0	22080.3	-21732.2
453+00	7.8	1128.0	5.2	749.9	353.3	22830.1	-22476.9
453+15	2.2	1163.8	2.8	795.8	356.1	23625.9	-23269.8
453+55	0.1	1121.1	1.7	2115.7	357.7	25741.6	-25383.8
453+75	0.0	1134.7	0.0	1044.4	357.8	26785.9	-26428.2
454+00	2.0	1034.1	0.9	1255.1	358.7	28041.0	-27682.3
454+15	0.0	1020.8	0.6	713.5	359.2	28754.5	-28395.2
454+75	0.0	624.2	0.0	2284.6	359.2	31039.1	-30679.8
455+00	1.3	417.5	0.6	602.8	359.8	31641.9	-31282.1
455+10	7.1	325.9	1.5	172.1	361.4	31814.0	-31452.6
455+45	176.7	197.3	119.1	423.9	480.5	32237.9	-31757.4
456+00	419.8	115.8	607.5	398.7	1088.0	32636.6	-31548.6
457+00	409.9	138.8	1536.4	589.4	2624.3	33226.0	-30601.6
457+80	411.4	318.9	1216.7	847.7	3841.0	34073.6	-30232.6
458+00	406.6	409.8	303.0	337.4	4144.0	34411.0	-30267.0
458+85	374.6	1183.6	1229.7	3135.3	5373.7	37546.3	-32172.6
459+00	355.6	1169.5	202.8	817.1	5576.5	38363.3	-32786.8
460+00	682.8	461.5	1922.9	3775.5	7499.4	42138.8	-34639.4
461+00	805.2	68.4	2755.5	1226.7	10254.9	43365.5	-33110.5

MODEL: RAMP_G4

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* VOLUMES *
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STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
463+45	352.8	111.5					
464+00	401.8	114.2	768.6	287.4	768.6	287.4	481.2
464+50	536.1	3.1	868.4	135.8	1637.0	423.2	1213.8
464+75	627.5	0.0	538.7	1.8	2175.7	425.0	1750.7
465+00	916.6	0.0	714.8	0.0	2890.5	425.0	2465.6
465+15	1130.6	0.0	568.7	0.0	3459.2	425.0	3034.2
466+00	2082.1	0.0	5057.1	0.0	8516.3	425.0	8091.4
467+00	2740.1	16.9	8930.0	39.2	17446.3	464.2	16982.1
468+00	3043.1	0.0	10709.5	39.2	28155.9	503.4	27652.4
468+40	3135.6	0.0	4576.8	0.0	32732.7	503.4	32229.2
469+00	3283.2	0.0	7132.0	0.0	39864.7	503.4	39361.3
469+20	3262.2	0.0	2424.2	0.0	42288.9	503.4	41785.5
470+00	3103.2	0.0	9430.1	0.1	51719.0	503.5	51215.5
471+00	2554.3	0.0	10476.7	0.1	62195.7	503.6	61692.2
472+00	2149.3	0.0	8710.3	0.0	70906.0	503.6	70402.4
472+32	2267.5	0.0	2617.4	0.0	73523.4	503.6	73019.8
473+00	2079.3	0.9	5473.8	1.4	78997.2	504.9	78492.3
474+00	1443.3	3.4	6523.4	10.0	85520.6	514.9	85005.7
475+00	960.4	6.7	4451.3	23.4	89971.9	538.3	89433.7
476+00	664.3	8.4	3008.8	35.0	92980.8	573.2	92407.5
477+00	431.2	8.5	2028.7	39.2	95009.5	612.4	94397.1
478+00	174.6	6.9	1121.9	35.6	96131.4	648.0	95483.3
479+00	35.6	9.3	389.2	37.5	96520.6	685.5	95835.1
479+75	21.4	64.7	79.1	128.5	96599.7	813.9	95785.7
480+00	40.1	0.0	28.5	37.4	96628.1	851.4	95776.8
480+45	20.1	74.8	50.1	77.9	96678.3	929.2	95749.0
481+00	18.9	49.9	39.7	158.8	96718.0	1088.0	95630.0
482+00	21.8	31.2	75.4	187.7	96793.4	1275.8	95517.7
482+75	25.9	17.4	66.2	84.2	96859.7	1360.0	95499.7
483+00	29.8	30.3	25.8	27.6	96885.4	1387.6	95497.9
483+40	56.5	0.9	64.0	28.9	96949.4	1416.5	95532.9
483+60	1061.5	0.0	414.1	0.4	97363.5	1416.9	95946.6
484+00	428.1	0.0	1103.5	0.0	98467.0	1416.9	97050.1
484+50	38.3	0.0	431.9	0.0	98898.9	1416.9	97482.0
485+00	41.3	0.0	73.8	0.0	98972.6	1416.9	97555.7

NOTE: TOTAL CUMULATIVE CUT VOLUME INCLUDES 35,400 C.Y. OF ROCK EXCAVATION.

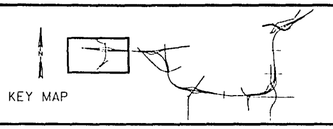
MODEL: RAMP_G3

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* VOLUMES *
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STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
464+00	35.1	1577.0					
465+00	0.0	3506.5	65.0	11767.2	65.0	11767.2	-11702.2
465+40	0.0	4153.3	0.0	7092.4	65.0	18859.6	-18794.6
465+75	0.0	4420.8	0.0	6946.6	65.0	25806.2	-25741.2
466+00	0.0	4328.1	0.0	5063.0	65.0	30869.3	-30804.3
466+15	0.0	4232.6	0.0	2972.5	65.0	33841.7	-33776.7
467+00	0.0	2661.9	0.0	13565.6	65.0	47407.4	-47342.4
467+80	25.9	1115.1	38.3	6994.4	103.3	54401.8	-54298.5
468+00	40.2	896.9	24.5	931.5	127.8	55333.3	-55205.5
469+00	58.5	107.7	182.7	2325.6	310.5	57658.9	-57348.4
470+00	490.1	0.0	1015.9	249.3	1326.4	57908.2	-56581.9
471+00	1365.9	0.0	3437.0	0.0	4763.4	57908.2	-53144.9
472+00	1777.3	0.8	5820.6	1.8	10583.9	57910.0	-47326.1
472+70	1870.8	0.0	4728.9	1.3	15312.8	57911.3	-42598.5
473+00	1967.7	0.0	2132.5	0.0	17445.3	57911.3	-40466.0
474+00	1642.5	0.0	6685.5	0.0	24130.7	57911.3	-33780.6
474+75	1237.8	0.0	4000.3	0.0	28131.0	57911.3	-29780.3
475+00	1145.2	0.0	1103.2	0.0	29234.3	57911.3	-28677.1
475+20	1211.6	0.0	872.9	0.0	30107.1	57911.3	-27804.2
476+00	894.9	0.0	3120.8	0.0	33227.9	57911.3	-24683.4
476+20	784.8	0.0	622.1	0.0	33850.1	57911.3	-24061.3
476+55	402.1	0.0	769.3	0.0	34619.4	57911.3	-23291.9
477+00	260.8	0.0	552.4	0.0	35171.8	57911.3	-22739.5
477+65	131.2	6.2	471.8	9.3	35643.6	57920.6	-22277.0
478+00	125.9	24.8	166.6	25.1	35810.2	57945.7	-22135.5
479+00	66.4	54.9	356.0	184.4	36166.2	58130.1	-21963.9
479+55	0.0	91.5	67.6	186.3	36233.8	58316.4	-22082.6
480+00	0.0	66.6	0.0	164.7	36233.8	58481.1	-22247.3
481+00	0.0	179.5	0.0	569.8	36233.8	59050.9	-22817.1
482+00	0.0	149.3	0.0	761.1	36233.8	59812.0	-23578.2
482+75	0.0	25.2	0.0	303.0	36233.8	60115.1	-23881.3
483+00	1.1	1.8	0.5	15.6	36234.3	60130.7	-23896.4
483+40	171.9	0.0	128.2	1.7	36362.5	60132.4	-23769.9
484+00	202.9	0.0	416.4	0.0	36778.9	60132.4	-23353.4
484+30	0.0	83.5	112.7	58.0	36891.6	60190.4	-23298.7
484+65	0.0	83.8	0.0	135.6	36891.6	60326.0	-23434.3
485+00	0.0	68.1	0.0	123.1	36891.6	60449.1	-23557.4
486+00	0.7	31.6	1.2	230.8	36892.9	60679.9	-23787.0
486+60	0.4	29.8	1.2	85.3	36894.1	60765.1	-23871.0
487+00	0.0	24.7	0.3	50.5	36894.4	60815.6	-23921.1

NOTE: TOTAL CUMULATIVE CUT VOLUME INCLUDES 13,300 C.Y. OF ROCK EXCAVATION

KEY MAP



STATE PROJECT NUMBER 1201-04-74 | SHEET NO. 9.0

COMPUTER EARTHWORK DATA

USH 18 DANE COUNTY

MODEL: CTH_G

****
* VOLUMES *
****

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
39+70	152.8	57.2					
40+00	295.2	35.9	248.9	64.7	248.9	64.7	184.2
41+00	355.2	6.1	1204.4	97.2	1453.3	161.9	1291.4
41+35	403.9	8.4	491.9	11.7	1945.2	173.7	1771.6
41+72	473.1	26.4	600.8	29.8	2546.1	203.5	2342.6
42+00	565.8	46.1	538.6	47.0	3084.7	250.6	2834.2
42+25	655.8	49.6	565.5	55.4	3650.2	305.9	3344.3
43+00	1027.1	0.0	2337.3	86.1	5987.5	392.0	5595.5
44+00	1348.1	0.4	4398.6	1.0	10386.1	393.0	9993.1
45+00	1508.2	0.0	5289.6	0.9	15675.7	393.9	15281.8
46+00	1569.5	0.0	5699.5	0.0	21375.2	393.9	20981.3
47+00	1339.3	0.0	5386.7	0.0	26761.9	393.9	26368.0
48+00	1046.4	0.0	4417.9	0.0	31179.8	393.9	30785.9
48+22	898.7	0.0	792.4	0.0	31972.3	393.9	31578.4
51+00	490.8	592.3	7153.2	3811.6	39125.5	4205.5	34920.0
52+00	0.0	1309.2	908.9	4401.6	40034.4	8607.0	31427.3
53+00	0.0	511.6	0.0	4214.7	40034.4	12821.7	27212.6
54+00	0.0	455.8	0.0	2239.4	40034.4	15061.1	24973.2
55+00	0.0	760.6	0.0	2815.8	40034.4	17876.9	22157.5
56+00	0.0	1303.7	0.0	4778.3	40034.4	22655.2	17379.2
57+00	0.0	1736.6	0.0	7037.6	40034.4	29692.8	10341.6
58+00	0.0	2390.0	0.0	9552.2	40034.4	39245.0	789.3
59+00	0.0	3523.4	0.0	13688.3	40034.4	52933.4	-12899.0
60+00	0.0	4602.7	0.0	18810.3	40034.4	71743.7	-31709.3
61+00	0.0	5267.9	0.0	22848.5	40034.4	94592.2	-54557.9
62+00	0.0	4537.6	0.0	22697.8	40034.4	117290.0	-77255.6
63+00	37.3	3241.9	69.0	18007.9	40103.4	135297.9	-95194.5
64+00	1.7	2259.9	72.1	12735.6	40175.5	148033.5	-107858.0
65+00	2.2	1462.9	7.2	8617.7	40182.7	156651.2	-116468.5
65+20	3.1	1338.7	2.0	1297.0	40184.6	157948.2	-117763.6
66+00	6.8	943.7	14.7	4226.6	40199.3	162174.9	-121975.5
67+00	33.8	603.9	75.1	3582.5	40274.5	165757.3	-125482.9
68+00	51.5	358.2	157.9	2227.0	40432.4	167984.4	-127552.0
69+00	53.6	205.9	194.7	1305.7	40627.1	169290.0	-128662.9
70+00	87.6	161.1	261.4	849.5	40888.5	170139.6	-129251.1
71+00	113.7	241.8	372.7	932.7	41261.2	171072.3	-129811.1
72+00	139.2	12.7	468.3	589.1	41729.5	171661.4	-129932.0
73+00	114.8	14.4	470.4	62.7	42199.9	171724.1	-129524.3
74+00	110.0	2.3	416.2	38.6	42616.1	171762.8	-129146.7
74+35	66.5	24.9	114.4	22.0	42730.5	171784.8	-129054.3
75+00	42.4	41.6	131.1	100.1	42861.6	171884.9	-129023.3

NOTE: TOTAL CUMULATIVE CUT VOLUME INCLUDES 600 C.Y. OF ROCK EXCAVATION.

MODEL: SISK DRIVEWAY

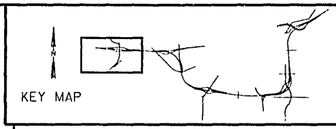
****
* VOLUMES *
****

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
400+50	0.0	1836.0					
401+00	0.0	1349.7	0.0	3687.2	0.0	3687.2	-3687.2
402+00	0.0	612.8	0.0	4542.8	0.0	8230.0	-8230.0
403+00	0.0	175.8	0.0	1825.5	0.0	10055.5	-10055.5
404+00	0.0	52.8	0.0	529.1	0.0	10584.6	-10584.6
405+00	6.3	6.6	11.6	137.4	11.6	10722.0	-10710.4
406+00	29.8	0.0	66.7	15.3	78.2	10737.3	-10659.0

COMPUTER EARTHWORK DATA

USH 18 — DANE COUNTY

KEY MAP



MODEL: OLD DARIY RIDGE ROAD

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
31+00	169.9	0.0					
31+50	115.7	0.0	264.5	0.0	264.5	0.0	264.5
32+00	85.9	0.0	186.7	0.0	451.2	0.0	451.2
32+50	46.1	12.6	122.2	14.5	573.5	14.5	558.9
33+00	39.3	93.6	79.1	122.8	652.6	137.4	515.2
33+50	28.4	202.1	62.7	342.2	715.3	479.6	235.7
34+00	11.0	403.5	36.5	700.9	751.7	1180.5	-428.8
34+50	12.8	609.7	22.0	1172.6	773.8	2353.1	-1579.4
35+00	10.8	770.2	21.8	1597.0	795.6	3950.2	-3154.6
35+50	0.0	841.7	10.0	1865.6	805.6	5815.8	-5010.2
36+00	0.0	833.8	0.0	1939.2	805.6	7755.0	-6949.4
36+40	0.0	782.8	0.0	1496.8	805.6	9251.8	-8446.2
36+50	0.0	774.9	0.0	360.6	805.6	9612.4	-8806.8
37+00	0.0	775.8	0.0	1794.7	805.6	11407.1	-10601.6
37+50	12.7	697.8	11.7	1705.5	817.3	13112.6	-12295.3
38+00	59.9	579.4	67.2	1478.2	884.4	14590.8	-13706.3
38+45	160.4	503.3	183.5	1127.8	1068.0	15718.6	-14650.6
38+50	169.2	497.7	30.5	115.9	1098.5	15834.4	-14736.0
38+60	176.7	473.9	64.0	224.9	1162.5	16059.3	-14896.8
38+83	181.6	372.8	152.6	450.8	1315.1	16510.1	-15195.0
39+00	174.7	251.9	112.2	245.8	1427.3	16755.9	-15328.6
39+20	220.3	82.3	146.3	154.7	1573.6	16910.7	-15337.1
39+50	388.5	0.0	338.2	57.2	1911.8	16967.8	-15056.0

MODEL: DAIRY RIDGE ROAD CUL DE DAC

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
15+50	793.7	0.0					
16+00	519.5	124.8	1216.0	144.4	1216.0	144.4	1071.5
16+50	205.6	131.3	671.5	296.5	1887.4	440.9	1446.5
16+60	172.9	70.0	70.1	46.6	1957.5	487.5	1470.0
16+80	135.2	1.6	114.1	33.2	2071.6	520.7	1551.0
17+00	106.3	0.0	89.5	0.8	2161.1	521.4	1639.7
17+50	69.2	0.0	162.5	0.0	2323.6	521.4	1802.2
18+00	51.9	0.0	112.1	0.0	2435.7	521.4	1914.3

MODEL: TEMPORARY ROAD -- DAIRY RIDGE ROAD

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
37+00	37.5	0.1					
38+00	64.4	65.2	188.8	151.0	188.8	151.0	37.7
39+00	44.4	242.4	201.4	711.9	390.2	863.0	-472.8
40+00	21.7	258.1	122.3	1158.4	512.5	2021.4	-1508.9
41+00	42.9	189.9	119.6	1036.9	632.1	3058.3	-2426.1
42+00	60.5	38.1	191.5	527.7	823.7	3585.9	-2762.3
43+00	118.6	0.0	331.8	88.2	1155.5	3674.2	-2518.7

MODEL: OLD CTH G

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
5+00	193.4	0.0					
6+00	66.5	0.2	481.3	0.4	481.3	0.4	480.9
6+40	24.9	5.2	67.7	5.0	549.0	5.4	543.6
7+00	6.5	3.4	34.9	12.0	583.9	17.4	566.6
7+80	43.5	174.1	74.1	328.8	658.0	346.2	311.8
8+00	93.3	236.6	50.7	190.1	708.7	536.3	172.4
8+50	0.0	384.3	86.4	718.6	795.1	1254.9	-459.8
9+00	0.0	494.3	0.0	1016.8	795.1	2271.7	-1476.6
10+00	333.7	533.7	617.9	2379.6	1413.0	4651.2	-3238.3
11+00	0.0	379.6	617.9	2114.1	2030.9	6765.3	-4734.4
11+15	0.0	357.2	0.0	255.8	2030.9	7021.2	-4990.3
12+00	1.9	288.5	3.0	1270.4	2033.9	8291.6	-6257.6
13+00	0.0	203.1	3.5	1137.9	2037.4	9429.5	-7392.0
14+00	0.0	193.6	0.0	918.2	2037.4	10347.7	-8310.3
15+00	3.1	218.8	5.7	954.4	2043.2	11302.2	-9259.0
16+00	0.0	306.9	5.7	1216.7	2048.9	12518.8	-10470.0
17+00	0.0	385.3	0.0	1602.1	2048.9	14120.9	-12072.1
18+00	0.0	471.8	0.0	1983.8	2048.9	16104.8	-14055.9
19+00	0.0	270.6	0.0	1718.5	2048.9	17823.2	-15774.4

MODEL: OLD CTH G CUL DE SAC

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
108+00	216.5	403.2					
108+50	161.1	466.9	349.7	1007.1	349.7	1007.1	-657.5
109+00	147.4	0.0	285.6	540.4	635.3	1547.6	-912.2
109+35	96.5	0.0	158.0	0.0	793.4	1547.6	-754.2
109+50	85.3	0.0	50.5	0.0	843.9	1547.6	-703.7
110+00	57.1	0.0	131.9	0.0	975.8	1547.6	-571.8
110+50	51.4	0.0	100.5	0.0	1076.3	1547.6	-471.3
111+00	48.1	0.0	92.1	0.0	1168.4	1547.6	-379.2

MODEL: TEMPORARY ROAD -- CTH G

STATION	END-AREA CUT	END-AREA FILL	Incremental VOLUME CUT	Incremental VOLUME FILL	Cumulative VOLUME CUT	Cumulative VOLUME FILL	MASS HAUL
18+00	0.0	350.6					
19+00	0.0	300.7	0.0	1507.7	0.0	1507.7	-1507.7
20+00	0.0	233.4	0.0	1236.4	0.0	2744.1	-2744.1
21+00	0.0	155.8	0.0	900.9	0.0	3645.0	-3645.0
22+00	28.2	56.2	52.2	490.8	52.2	4135.9	-4083.7
23+00	21.3	19.6	91.6	175.6	143.7	4311.5	-4167.7
24+00	27.0	2.6	89.3	51.3	233.1	4362.8	-4129.7

PLOT SCALE: 1"=5'
PLOT NAME: 74301.DGN
REV. DATE: 12-02-92
ORIGINATOR: J.A.PIERONI
LEVELS ON
FILE NAME: HDGN: 74301.DGN
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.2

B/L
RAMP G-1

R/W

947.22
2.0%
SAW & MATCH
4:1
4:1
6:1
941.50

440+00

R/W

947.26
2.0%
SAW & MATCH
4:1
6:1
947.34
942.00

439+00

R/W

947.30
2.0%
SAW & MATCH
4:1
4:1
6:1
943.00

438+00

947.32
2.0%
SAW & MATCH
4:1
4:1
6:1
947.34
944.00

437+00

947.34
2.0%
SAW & MATCH
6:1
947.36

436+00

MATCH EXISTING
STA 436+00

B/L
RAMP G-1

NOTE:
CROSS SECTIONS WERE TAKEN WHILE USH 18 WAS UNDER CONSTRUCTION. EXISTING GROUND ELEVATIONS MAY HAVE CHANGED.

1-22-93

RAMP G1

1

SCALE
10
10

940 930 920 950 940 930 920 940 930 920 950 940 930 920 950 940 930 920

920 50 100 50 0 50 100 150 920

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.3

B/L
RAMP G-1

R/W

950.17

6:1

2.0%

SAW & MATCH

950.41

940.6

EXISTING 2-60" RCCP
TO REMAIN

443+00

R/W

949.98

6:1

2.0%

SAW & MATCH

950.21

442+88

R/W

948.68

6:1

2.0%

SAW & MATCH

4:1

4:1

940.50

442+00

R/W

947.71

6:1

2.0%

SAW & MATCH

4:1

4:1

941.00

441+00

R/W

947.27

6:1

2.0%

SAW & MATCH

4:1

4:1

941.45

1 - 20 L.F. x 18" RCCP REQ'D
STA. 440+00

440+10

B/L
RAMP G-

RAMP G1

2

1-22-93

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.4

B/L
RAMP G-

R/W

954.67

SAW & MATCH

6:1

2.0%

4:1

445+00

952.17

444+00

951.96

443+90

950.30

443+07

950
940
930
920

1-22-93

B/L
RAMP G-

RAMP_G1

3

SCALE
10
10

100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.5

B/L
RAMP G-1

R/W

970
960
950
940

4:1
4:1
6:1
2.0%
960.0
965.37
SAW & MATCH

449+00

970
960
950
940

R/W

970
960
950
940

4:1
6:1
2.0%
962.85
SAW & MATCH

448+00

970
960
950
940

R/W

960
950
940
930

4:1
6:1
2.0%
960.13
SAW & MATCH

447+00

970
960
950
940
930

R/W

960
950
940

4:1
6:1
2.0%
957.40
SAW & MATCH

446+00

970
960
950
940
930

1-22-93
93050

B/L
RAMP G-1

100 50 0 50 100 150

RAMP_G1 4

SCALE
10
10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.6

B/L
RAMP G-1

R/W

4:1 6:1 4.0%

972.52

970.55

973.27

MATCH EXISTING DITCH

452+60

R/W

4:1 4:1 6:1 4.1%

971.93

969.94

972.58

MATCH EXISTING DITCH

452+25

R/W

4:1 4:1 4.1%

971.51

968.50

4:1

972.08

MATCH EXISTING DITCH

452+00

R/W

4:1 6:1 4.1%

969.66

SAW & MATCH

451+00

R/W

4:1 6:1 3.6%

967.57

SAW & MATCH

450+00

B/L
RAMP G-1

1-22-93

RAMP G1 5

SCALE 10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	91

B/L
RAMP G-1

R/W

980
970
960
950

4:1 6:1 3.0%

974.70

972.51

MATCH EXISTING DITCH

453+60

R/W

980
970
960
950

INLET TYPE 8-MS-A REQUIRED
GRATE 973.00
INVERT 969.00

4:1 6:1 3.5%

973.46

972.00

453+08

EXISTING 36" RCCP
TO REMAIN

R/W

980
970
960
950

4:1 6:1 3.6%

973.29

971.38

MATCH EXISTING DITCH

453+00

R/W

980
970
960
950

4:1 6:1 3.7%

973.09

971.15

MATCH EXISTING DITCH

452+90

B/L
RAMP G-1

1-22-93

RAMP_G1

6

SCALE
10
10

100 50 0 50 100 150
950 960 970 980

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.8

B/L RAMP G-2

R/W

980.11

2.0%

4:1 6:1

978.44

6:1

976.25

MATCH EXISTING DITCH

455+25

R/W

979.14

2.0%

4:1 6:1

6:1

MATCH EXISTING DITCH

455+00

R/W

978.05

2.0%

4:1 6:1

6:1

MATCH EXISTING DITCH

454+70

R/W

976.40

2.3%

4:1 6:1

6:1

MATCH EXISTING DITCH

454+20

R/W

975.80

2.5%

4:1 6:1

MATCH EXISTING DITCH

454+00

B/L RAMP G-1

1-22-93

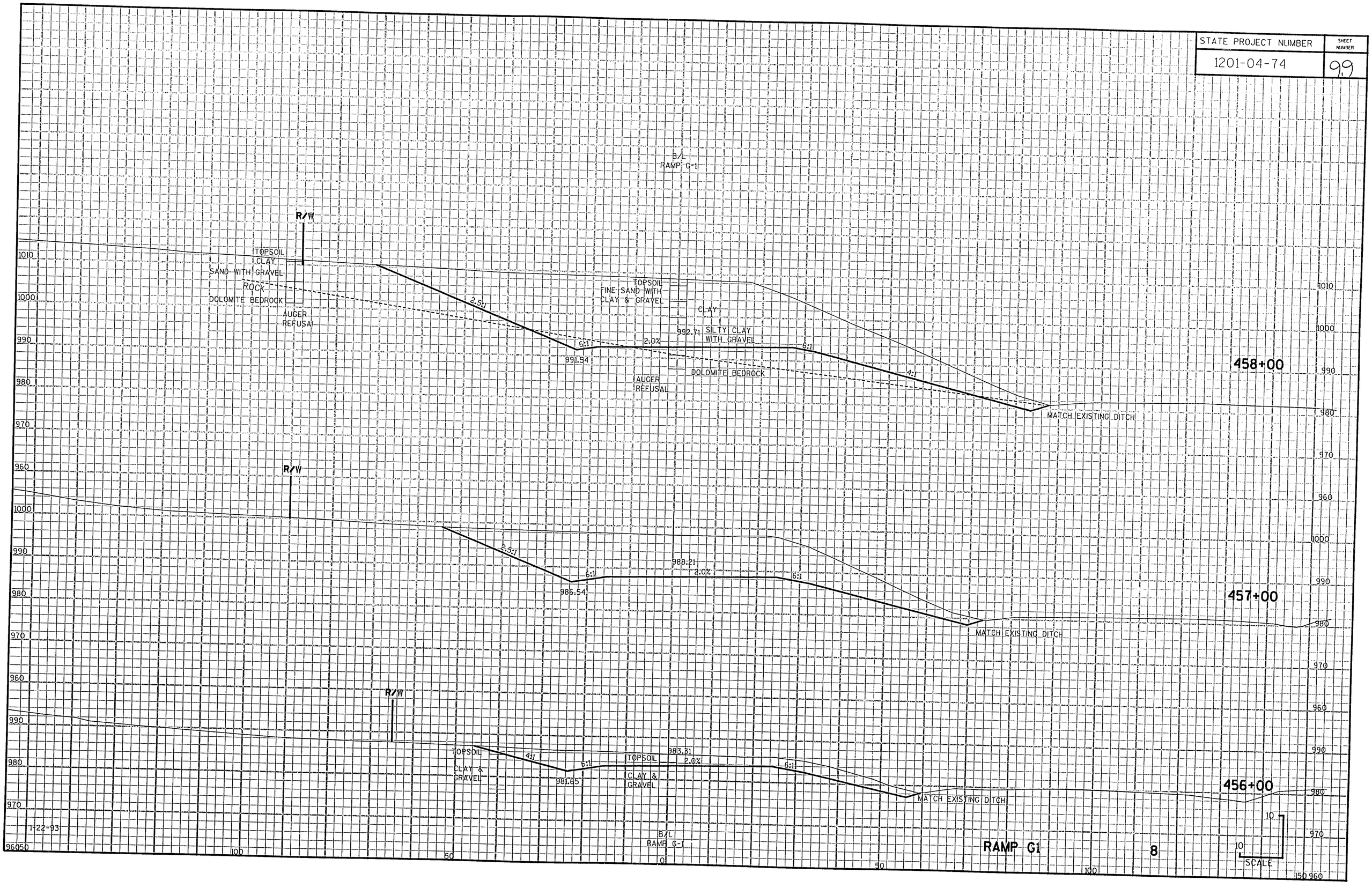
RAMP G1

7

SCALE

10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	99



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.10

R/W

TOPSOIL

CLAY

SAND WITH GRAVEL

ROCK

SANDSTONE BEDROCK

B/L RAMP G-1

1002.71

2.0%

6:1

1001.55

6:1

MATCH EXISTING DITCH

460+00

R/W

ROCK

2.5:1

6:1

996.54

997.71

2.0%

6:1

459+00

MATCH EXISTING DITCH

R/W

2.5:1

2.5:1

ROCK

6:1

994.79

995.96

2.0%

6:1

458+65

MATCH EXISTING DITCH

B/L RAMP G-1

1020 1010 1000 990 980 970 960

1-22-93

RAMP G1

9

SCALE 10 10

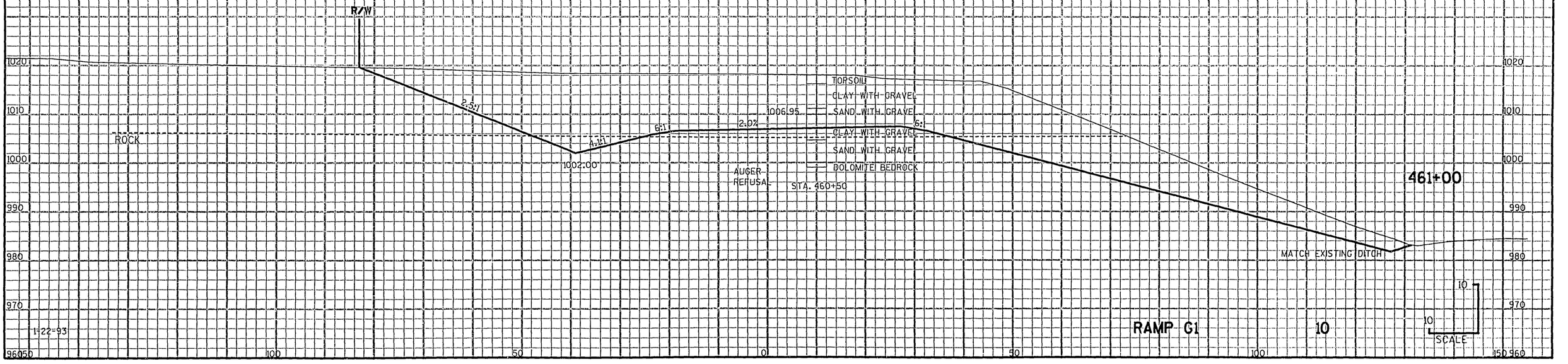
960 50 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.11

B/L
RAMP G-1

MATCH CTH "G"
STA. 462+66.45

EARTHWORK MATCH LINE
STA. 461+66.45 RAMP G-1
STA. 47+45 DAIRY RIDGE ROAD



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,12

B/L
RAMP G-2

SAW AND MATCH 950.48 2 %
950.49
6:1
4:1
4:1
938.96
R/W
443+04

SAW AND MATCH 950.41 2 %
950.43
6:1
4:1
4:1
939.00
R/W
443+00

SAW AND MATCH 950.16 2 %
950.18
6:1
4:1
4:1
939.23
R/W
442+85

B/L
RAMP G-2

SAW AND MATCH 948.88 2 %
948.90
6:1
4:1
4:1
940.50
R/W
442+00

MATCH EXISTING
STA. 442+00

1-15-93

RAMP G2 1

SCALE 10 10

920 150 100 50 0 50 100 150 920

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.13

B/L
RAMP G-2

954.91
2 %

954.99

6:1

3.5:1

4:1

4:1

938.20

R/W

445+00

SAW AND MATCH

952.53
2 %

952.57

6:1

4:1

943.81

STA. 444+11
EXISTING 2-60" RCCP
TO REMAIN

ELEV. 937.70

R/W

444+05

SAW AND MATCH

952.41
2 %

952.45

6:1

4:1

4:1

938.00

R/W

444+00

B/L
RAMP G-2

SAW AND MATCH

952.30
2 %

952.34

6:1

4:1

4:1

938.05

R/W

443+95

1-15-93

RAMP_G2

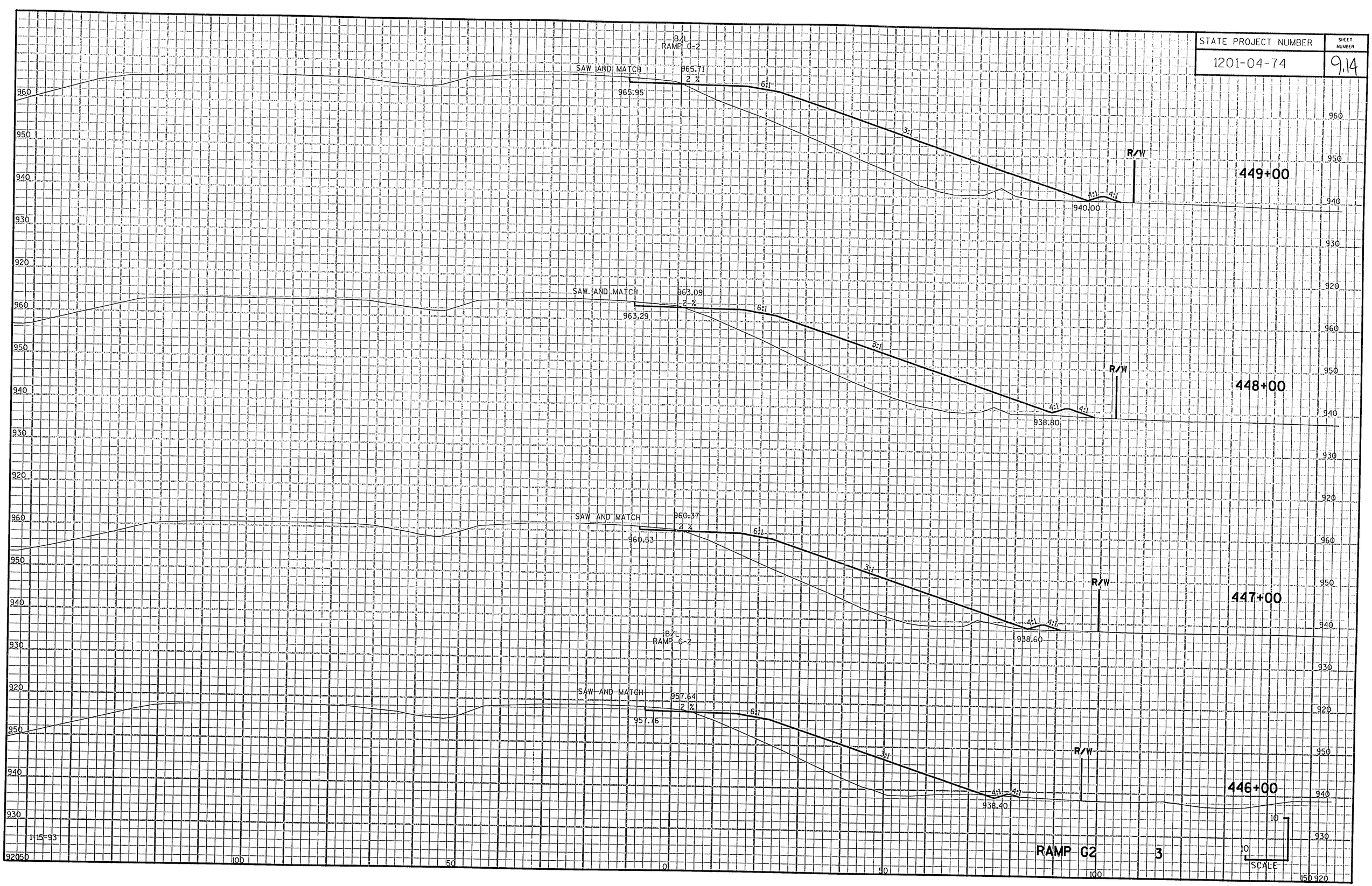
2

SCALE

10

10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.14



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.15

B/L
RAMP G-2

SAW AND MATCH

5 %

969.70

970.60

5 %

6:1

3:1

4:1

4:1

946.0

R/W

451+00

SAW AND MATCH

5 %

969.32

970.17

5 %

6:1

3:1

4:1

4:1

944.0

R/W

450+80

B/L
RAMP G-2

SAW AND MATCH

4 %

967.78

968.34

4 %

6:1

3:1

4:1

4:1

940.4

R/W

450+00

970

960

950

940

930

920

970

960

950

940

930

920

1-15-93

RAMP G2

4

10

10

SCALE

92050 100 50 0 50 100 150 920

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.16

B/L
RAMP G-2

972.76

5 %

5 %

6:1

974.10

3:1

4:1

4:1

949.7

R/W

452+85

SAW AND MATCH

971.96

5 %

5 %

6:1

3:1

4:1

4:1

949.6

R/W

452+30

B/L
RAMP G-2

SAW AND MATCH

971.50

5 %

5 %

6:1

3:1

4:1

4:1

949.50

R/W

452+00

970
960
950
940
930
920

1-15-93

RAMP G2 5

SCALE 10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,17

B/L
RAMP G-2

974.06

MATCH EXISTING DITCH

5 %

5 %

3:1

6:1

3:1

4:1 4:1

950.15

R/W

453+55

INLET TYPE 8-MS-A REQUIRED
GRATE 972.50
INVERT 958.00

973.32

5 %

5 %

6:1

3:1

EXISTING 36" RCCP
TO REMAIN

I-60 L.E. x 36" RCCP EXTENSION

ELEV. 949.70

R/W

453+15

B/L
RAMP G-2

973.04

974.08

5 %

5 %

6:1

3:1

4:1 4:1

949.8

R/W

453+00

970 960 950 940 930 920

50 100 50 0 50 100 150

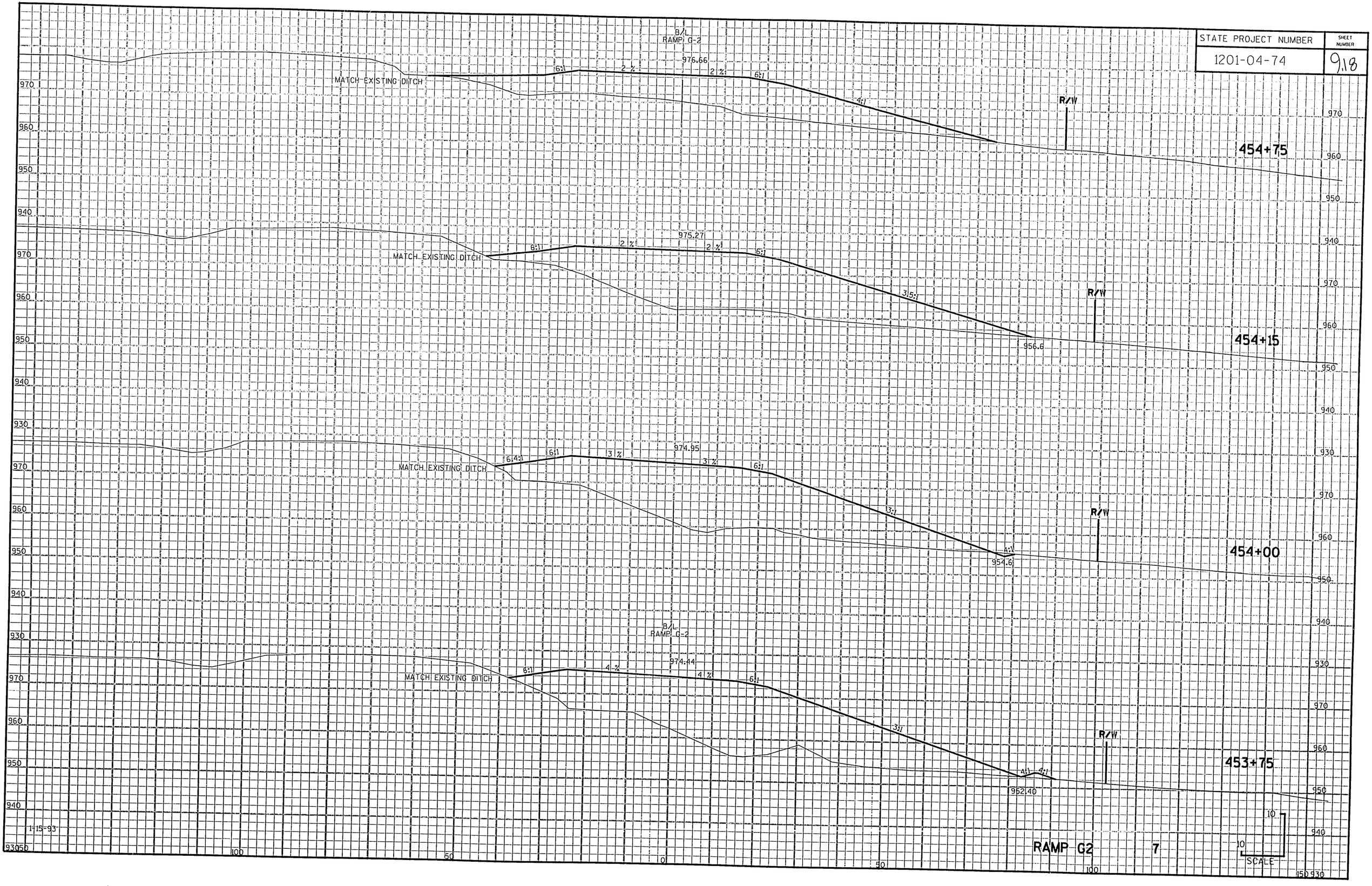
1-15-93

RAMP G2 6

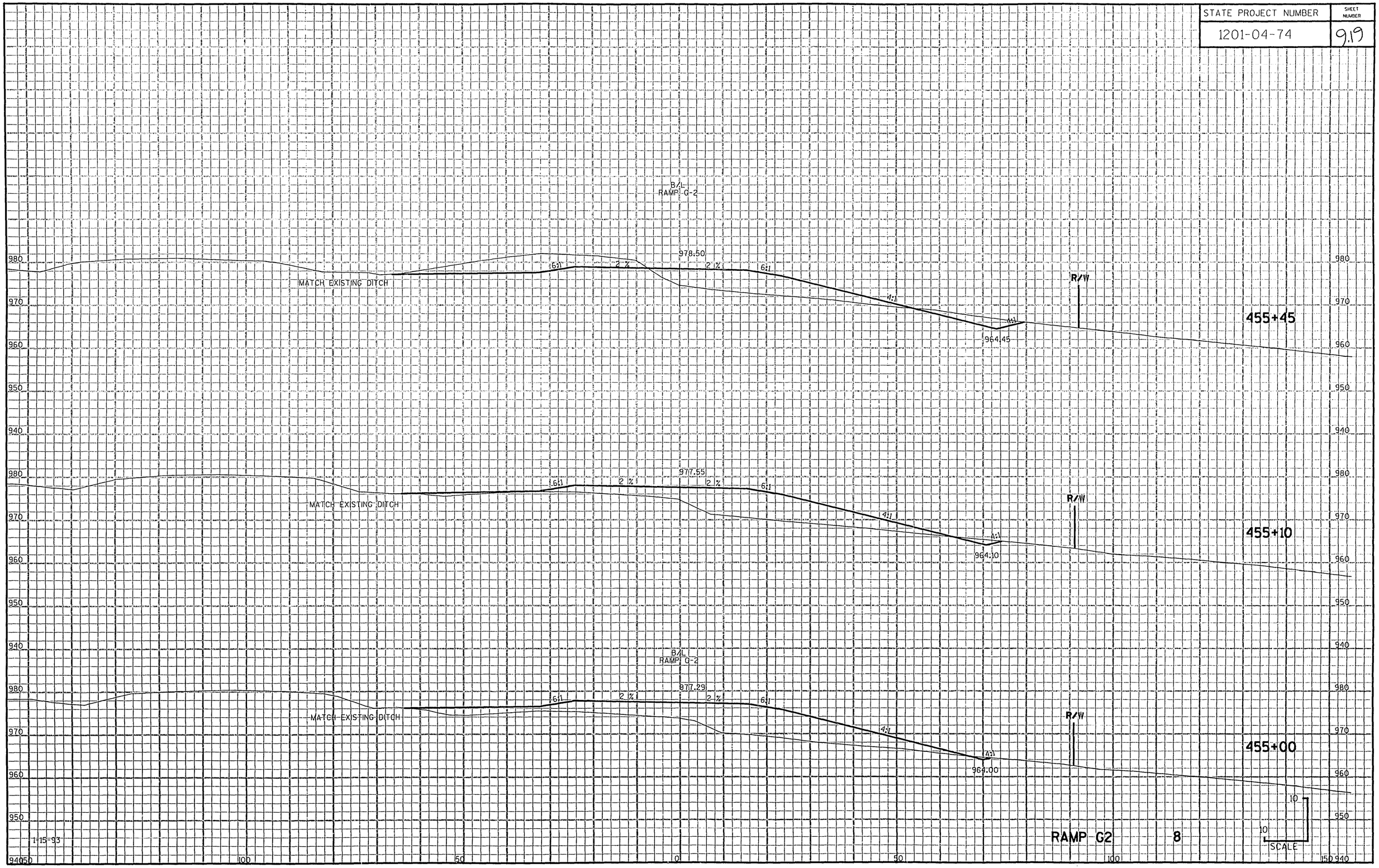
10 10

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.18



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.19



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.20

B/L
RAMP G-2

986.35

6:1 | 0.6 % | 0.6 % | 6:1

MATCH EXISTING DITCH

4:1

R/W

457+80

983.41

6:1 | 2 % | 2 % | 6:1

MATCH EXISTING DITCH

4:1

970.00

R/W

457+00

B/L
RAMP G-2

980.11

6:1 | 2 % | 2 % | 6:1

MATCH EXISTING DITCH

4:1

966.83

R/W

456+00

990
980
970
960
950
940

1-15-93

RAMP G2 9

SCALE 10

94050 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.21

B/L
RAMP G-2

990.81

6:1 3.8 % 3.8 % 6:1 3:1

MATCH EXISTING DITCH

R/W

459+00

990.25

6:1 3.8 % 3.8 % 6:1 3:1

15.7:1

MATCH EXISTING DITCH

R/W

458+85

B/L
RAMP G-2

987.09

6:1 1.5 % 1.5 % 6:1 3.6:1

MATCH EXISTING DITCH

R/W

458+00

990 980 970 960 950 940

1-15-93

94050

100 50 0 50 100

RAMP G2

10

SCALE 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.22

MATCH GTH "G"
STA. 462+97.25

EARTHWORK MATCHLINE
STA. 461+97.25 RAMP G-2
STA. 52+00 GTH "G"

B/L
RAMP G-2

998.21
TOPSOIL 1.9 %
6:1
1.9 %
6:1
4:1
R/W
461+00
CLAY WITH GRAVEL
CLAYEY SAND WITH GRAVEL
CLAY WITH GRAVEL
DOLOMITE BEDROCK
AUGER REFUSAL
MATCH EXISTING DITCH

B/L
RAMP G-2

994.52
6:1
3.8 %
3.8 %
6:1
4:1
R/W
460+00
MATCH EXISTING DITCH

1000
990
980
970
960
950

1-15-93

100 50 0 50 100 150 950

RAMP G2 11

SCALE
10
10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,23

B/L
RAMP G3
997.87
6:1
2.0%
2.0%
6:1
3:1
MATCH EXISTING DITCH
R/W
465+40
990
980
970
960
950
940

B/L
RAMP G3
998.87
6:1
2.0%
2.0%
6:1
3:1
MATCH EXISTING DITCH
R/W
465+00

B/L
RAMP G3
1000.95
6:1
2.0%
2.0%
6:1
3:1
MATCH EXISTING DITCH
R/W
464+00
STA. 463+80
TOPSOIL
CLAY WITH GRAVEL
MATCH CTH 'G'
STA. 462+76
EARTHWORK MATCHLINE
STA. 463+76 RAMP G-3
STA. 52+00 CTH 'G'

1-17-93

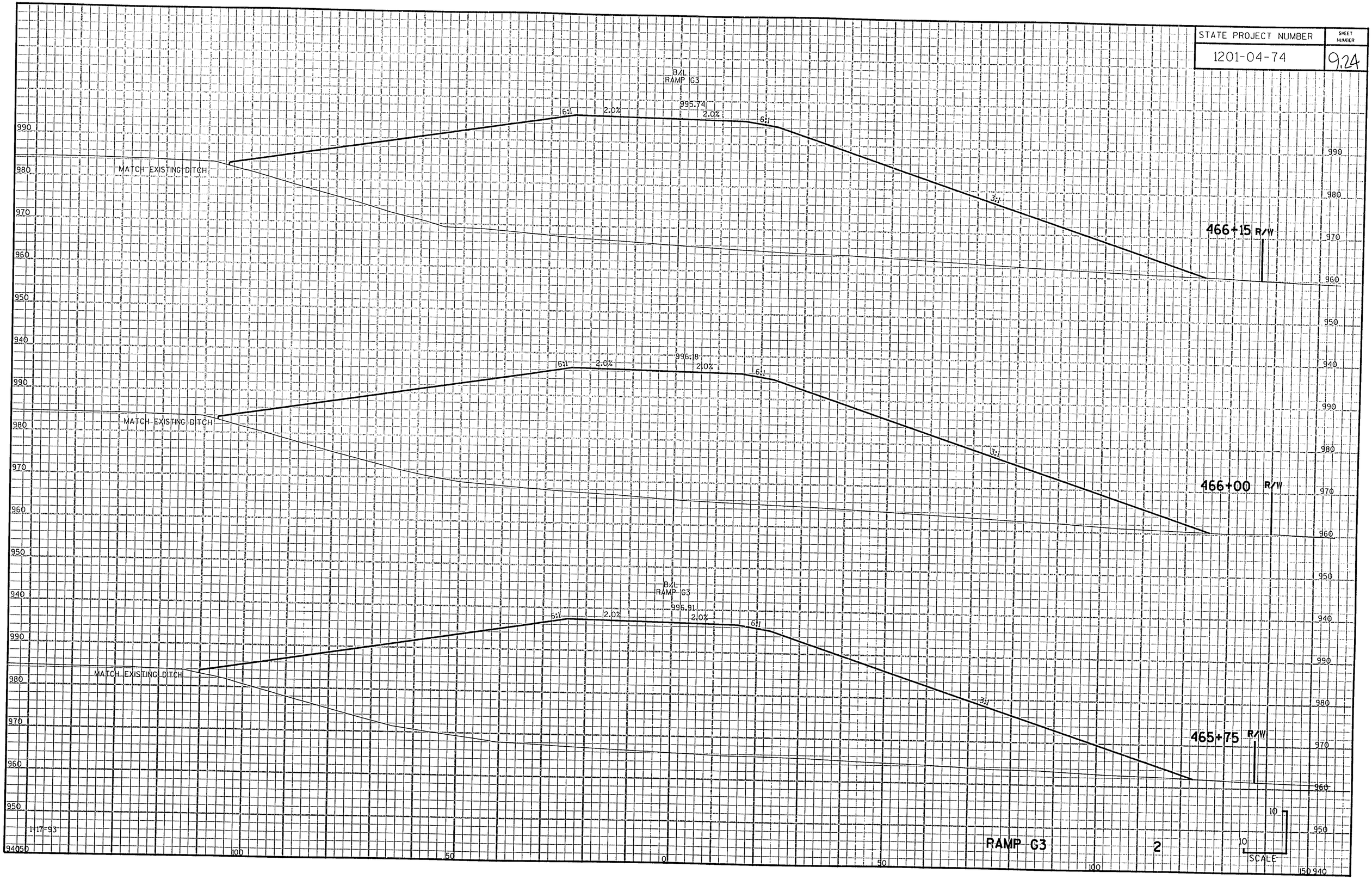
RAMP G3

1

SCALE
10
10

960
950
940
990
980
970
1000
100
50
0
50
100
150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.24



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.25

B/L
RAMP G3
987.42
2.0%
2.0%
6:1
6:1
4:1
R/W
469+00
MATCH EXISTING DITCH

990.34
2.0%
2.0%
6:1
6:1
3:1
R/W
468+00
MATCH EXISTING DITCH

990.92
2.0%
2.0%
6:1
6:1
3:1
R/W
467+80
MATCH EXISTING DITCH

B/L
RAMP G3
993.26
2.0%
2.0%
6:1
6:1
3:1
R/W
467+00
MATCH EXISTING DITCH

1"=17'-93

RAMP G3

3

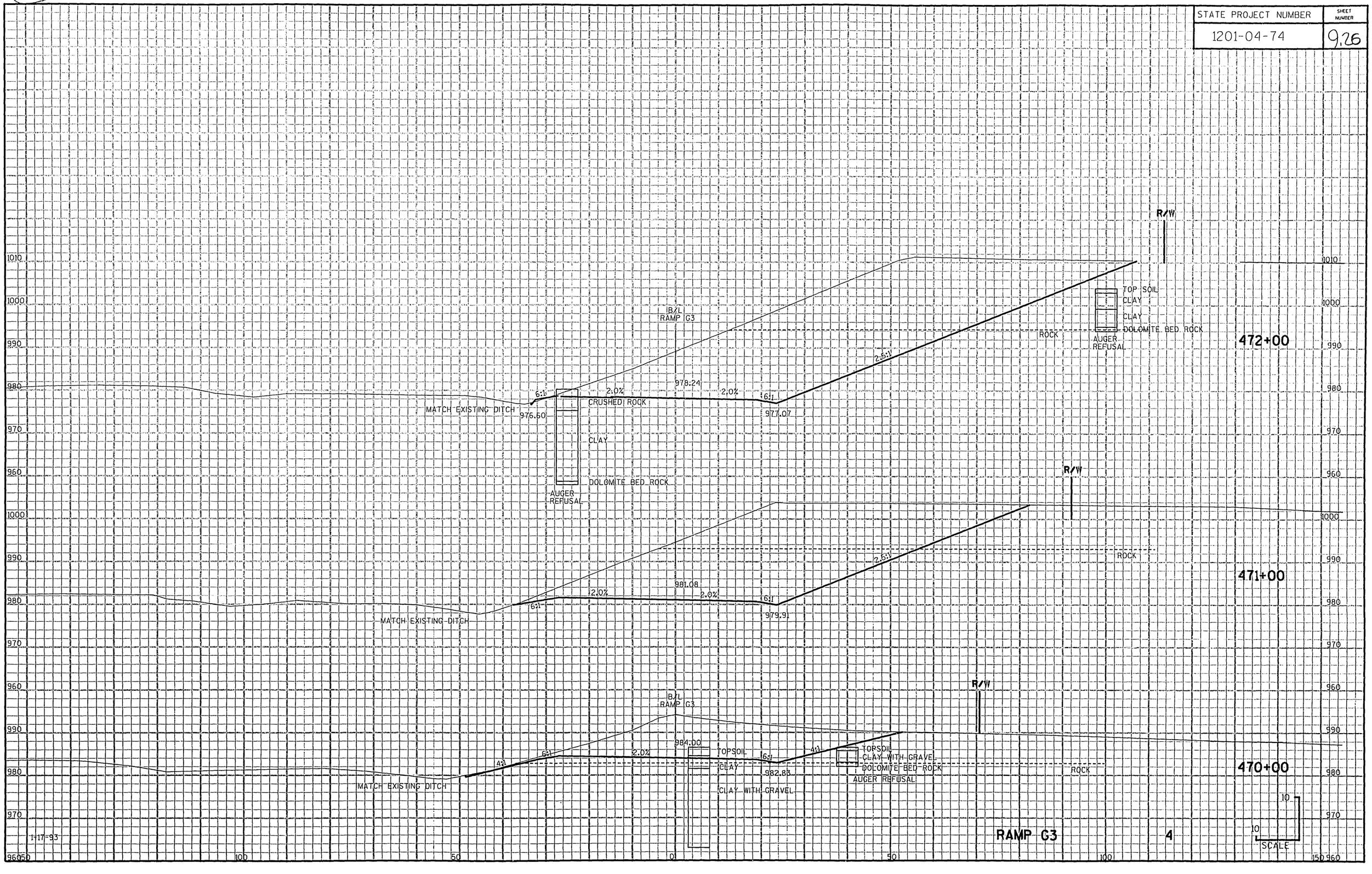
SCALE
10
10

980 970 960 950 940 990 980 970 960 950 990 980 970 960 950 990 980 970 960 950

100 50 0 50 100 150

G24

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,26

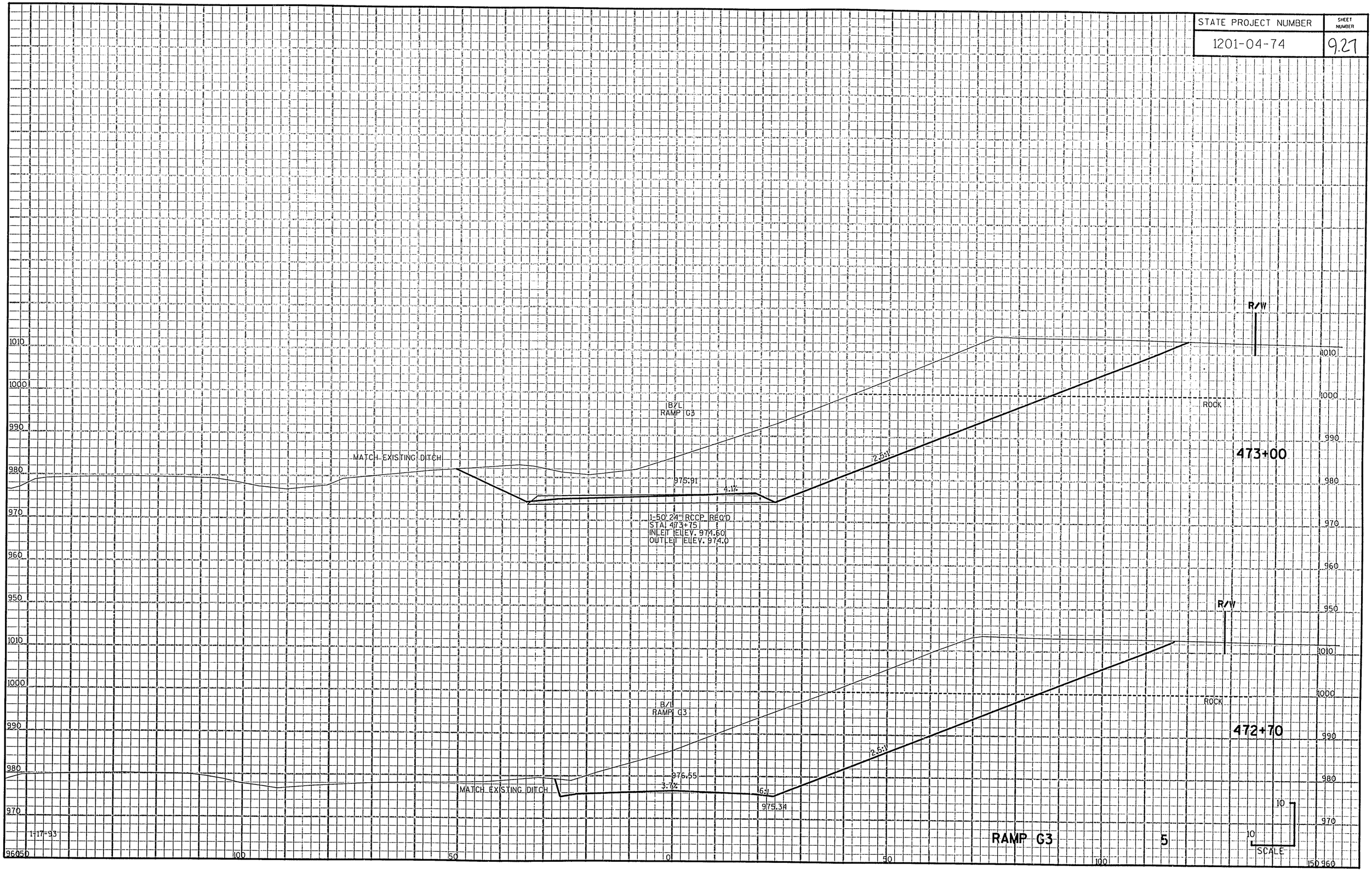


1-17-93

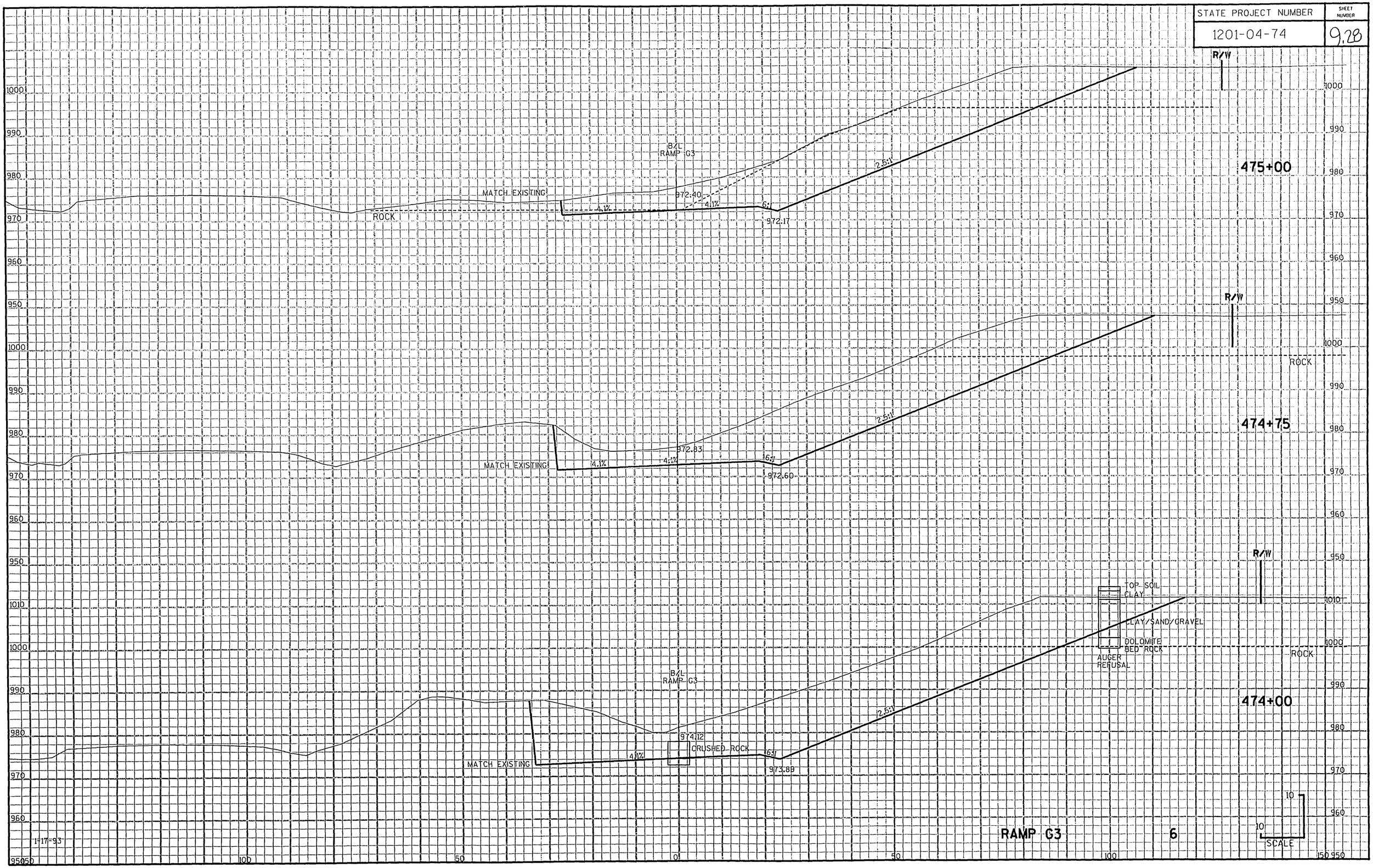
RAMP G3

4

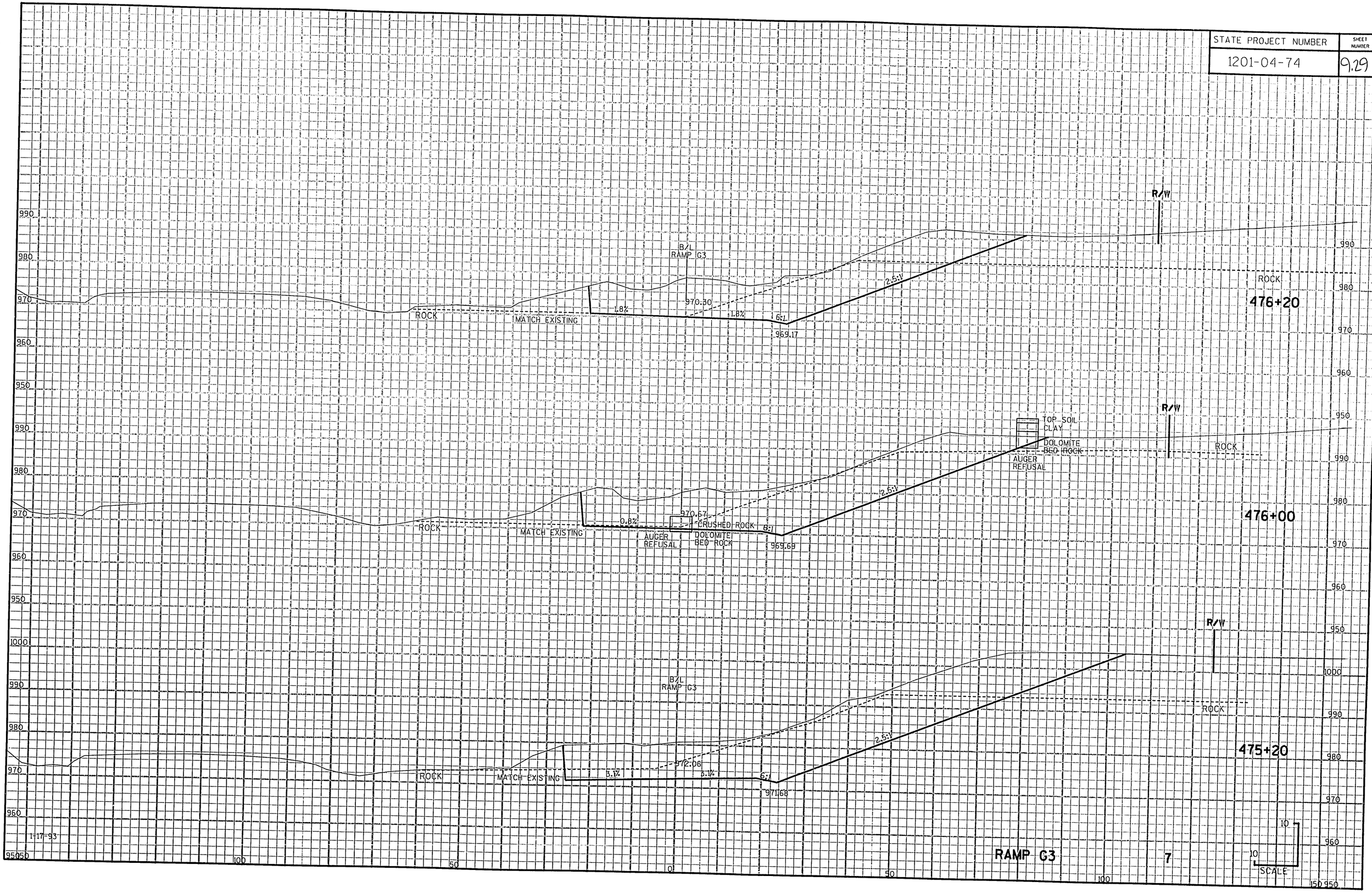
STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.27



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.28



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.29



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.30

B/L RAMP G3

R/W

SAW AND MATCH

2.0%

966.86 CRUSHED ROCK

6:1

2.5:1

CLAY

DOLOMITE BED ROCK

965.20

AUGER REFUSAL

TOP SOIL

CLAY

478+00

R/W

MATCH EXISTING

2.0%

967.72

2.0%

6:1

2.5:1

966.05

477+65

R/W

MATCH EXISTING

2.0%

968.69

2.0%

6:1

2.5:1

ROCK

969.08

967.52

477+00

R/W

B/L RAMP G3

MATCH EXISTING

969.62

2.0%

2.0%

6:1

2.5:1

ROCK

970.04

968.45

476+55

1-17-93

RAMP G3

8

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.31

B/L RAMP G3

956.51

SAW AND MATCH

2.0%

6:1

4:1

R/W

482+00

959.11

SAW AND MATCH

2.0%

6:1

4:1

R/W

481+00

961.70

SAW AND MATCH

2.0%

6:1

4:1

R/W

480+00

962.87

SAW AND MATCH

2.0%

6:1

4:1

4:1

R/W

I-25 L.F.X. 24" RCCP REQ'D ELEV. 955.5
STA. 479+80

479+55

B/L RAMP G3

964.29

SAW AND MATCH

2.0%

6:1

4:1

964.31

R/W

479+00

1-17-93

RAMP G3

9

SCALE 10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,32

B/L
RAMP G3

SAW AND MATCH 951.31 2.0% 6:1 4:1 4:1 940.61

484+00

EXISTING 36" CMP
TO REMAIN

EXISTING CTH "G"

SAW AND MATCH 952.87 2.0% 6:1 4:1 4:1 945.79

483+40

EXISTING 36" CMP
TO REMAIN

SAW AND MATCH 953.91 2.0% 6:1 4:1 952.24

483+00

EXISTING 36" CMP
TO REMAIN

B/L
RAMP G3

SAW AND MATCH 954.56 2.0% 6:1 3:1

482+75

RAMP G3

10

10

10

SCALE

1-17-93

920 930 940 950

50 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.33

B/L
RAMP G3

946.11
2.0%
6:1
3:1
SAW AND MATCH 946.13

R/W
486+00

948.71
SAW AND MATCH
2.0%
6:1
3:1

R/W
485+00

949.62
SAW AND MATCH
2.0%
6:1
3:1

484+65

B/L
RAMP G3

950.53
SAW AND MATCH
2.0%
6:1
4:1

484+30

EXISTING 36" CMP
TO REMAIN

940
930
920
910
950

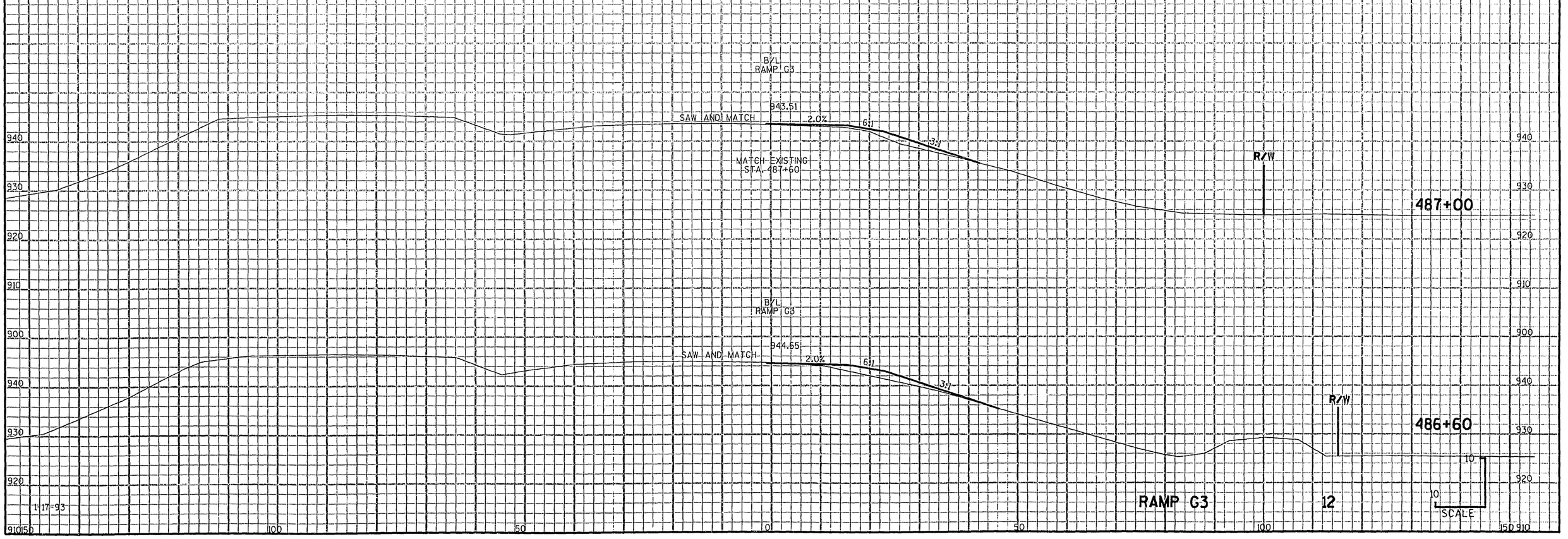
1"=10'
SCALE

1"=7'-93

RAMP G3

11

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.34



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.3

R/W

B/L
RAMP G-4

1006.43

4:1 6:1 3.8 % 3.8 % 6:1

1005.65

TOPSOIL

CLAY WITH GRAVEL

WEATHERED DOLOMITE

STA. 464+60

464+50

MATCH EXISTING DITCH

R/W

4:1 6:1 3.4 % 3.4 % 6:1

1008.49

1007.57

ROCK

464+00

MATCH EXISTING DITCH

R/W

B/L
RAMP G-4

1010.03

4:1 6:1 2.7 % 2.7 % 6:1

1008.71

ROCK

EARTHWORK MATCH LINE
STA. 463+39.45
STA. 47+45 DAIRY RIDGE ROAD

MATCH CTH "C"
STA. 462+39.48

463+45

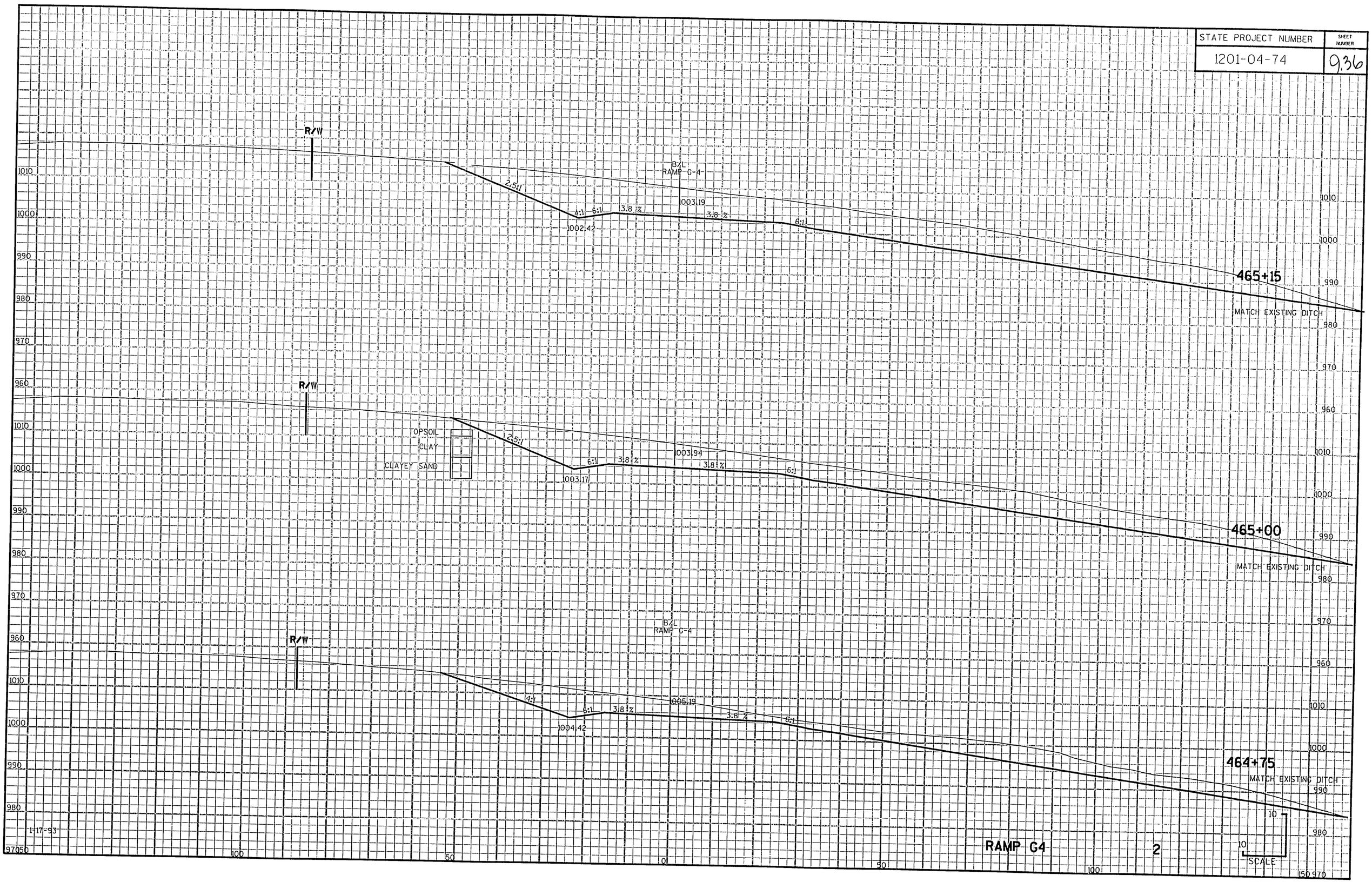
MATCH EXISTING DITCH

1"=17'=93

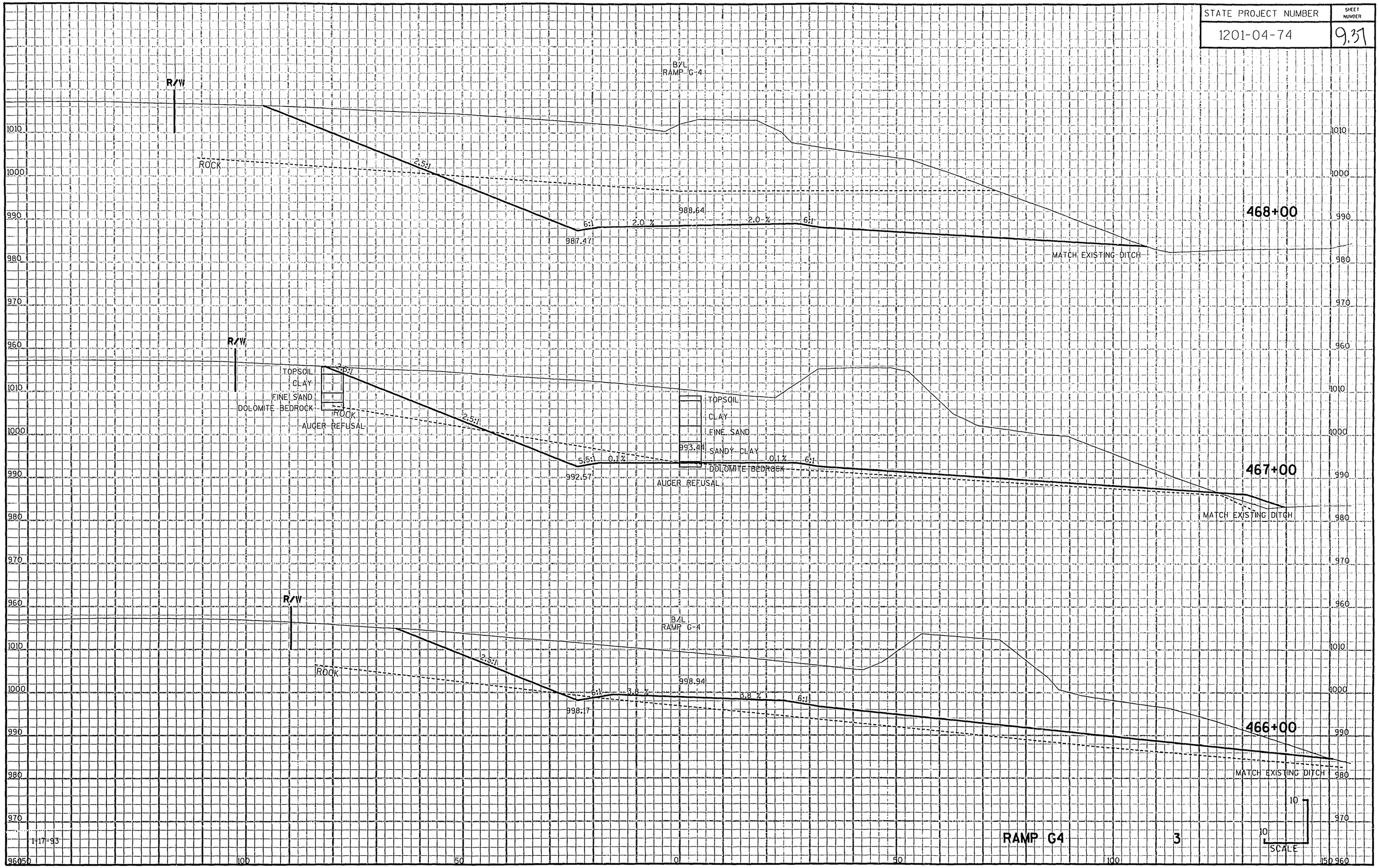
RAMP G4 1

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.36



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.37



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.38

469+20

R/W

ROCK

2.5:1

B/L RAMP G-4

6:1 2.0 % 983.78 2.0 % 6:1

982.62

MATCH EXISTING DITCH

469+00

R/W

TOPSOIL
CLAY
FINE SAND
ROCK DOLOMITE BEDROCK
AUGER REFUSAL

2.5:1

TOPSOIL
CLAY
FINE SAND
DOLOMITE BEDROCK
AUGER REFUSAL

6:1 2.0 % 984.52 2.0 % 6:1

983.35

MATCH EXISTING DITCH

468+40

R/W

ROCK

2.5:1

B/L RAMP G-4

6:1 2.0 % 986.91 2.0 % 6:1

985.74

MATCH EXISTING DITCH

1-17-93

RAMP G4

4

SCALE

1010 1000 990 980 970 960 1010 1000 990 980 970 960 1010 1000 990 980 970 960 1010 1000 990 980 970 960

100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.39

R/W

ROCK

2.5:1

B/L RAMP G-4

976.40

6.8 %

6.8 %

974.49

976.61

STA. 472+00
1-52 L.F. x 24" RCCP REQ'D.

472+00

R/W

TOPSOIL

CLAY

SANDY CLAY WITH GRAVEL

ROCK

DOLOMITE BEDROCK

AUGER REFUSAL

2.5:1

HAND AUGER REFUSAL ON DOLOMITE BED ROCK

TOPSOIL

CLAY

978.40

6:1

4.5 %

4.5 %

977.03

MATCH EXISTING DITCH

471+00

R/W

B/L RAMP G-4

ROCK

2.5:1

981.1

6:1

3.3 %

3.3 %

979.74

MATCH EXISTING DITCH

470+00

1-17-93

RAMP G4

5

SCALE

(G24)

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.40

R/W

TOPSOIL
CLAYEY SAND
CLAY
DOLOMITE BEDROCK

ROCK

AUGER REFUSAL

2.5:1

B/L
RAMP G-4

HAND AUGER
REFUSAL ON
DOLOMITE
BED ROCK

TOPSOIL
CLAY AND GRAVEL

976.08

6.8 %

6:1

6.8 %

973.17

977.88

MATCH EXISTING DITCH

473+00

R/W

ROCK

2.5:1

B/L
RAMP G-4

976.91

6:1

6.8 %

6.8 %

974.00

976.14

MATCH EXISTING DITCH

472+32

1010
1000
990
980
970
960
950

1-17-93

RAMP G4

6

SCALE
10
10

100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.41

R/W

B/L
RAMP G-4

2.5:1

6:1

2.0 %

971.57

2.0 %

SAW AND MATCH

969.90

971.91

476+00

R/W

TOPSOIL
CLAY

CLAYEY SAND

ROCK

2.5:1

HAND AUGER
REFUSAL ON
DOLOMITE
BED ROCK

TOPSOIL
CLAY AND GRAVEL

6:1

3.6 %

972.77

3.6 %

SAW AND MATCH

971.35

974.01

475+00

R/W

ROCK

2.5:1

B/L
RAMP G-4

6:1

6.8 %

973.96

6.8 %

SAW AND MATCH

972.05

976.16

474+00

1-17-93

RAMP-G4

7

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.42

B/L
RAMP G-4

R/W

960
950
940
930

4:1 6:1 2.0 % 961.80 2.0 % SAW AND MATCH
960.13 961.96

480+00

R/W

960
950

6:1 2.0 % 962.45 2.0 % SAW AND MATCH
962.62

479+75

R/W

940
930
960

4:1 6:1 2.0 % 964.40 2.0 % SAW AND MATCH
962.73 964.60

479+00

R/W

940
970
960

2.5:1 6:1 2.0 % 967.01 2.0 % SAW AND MATCH
965.34 967.25

478+00

R/W

950
980
970
960

B/L
RAMP G-4

2.5:1 HAND AUGER
REELSAL ON
GRAVEL
TOPSOIL
CLAY
6:1 2.0 % 969.39 2.0 % SAW AND MATCH
967.72 969.68

477+00

1-17-93

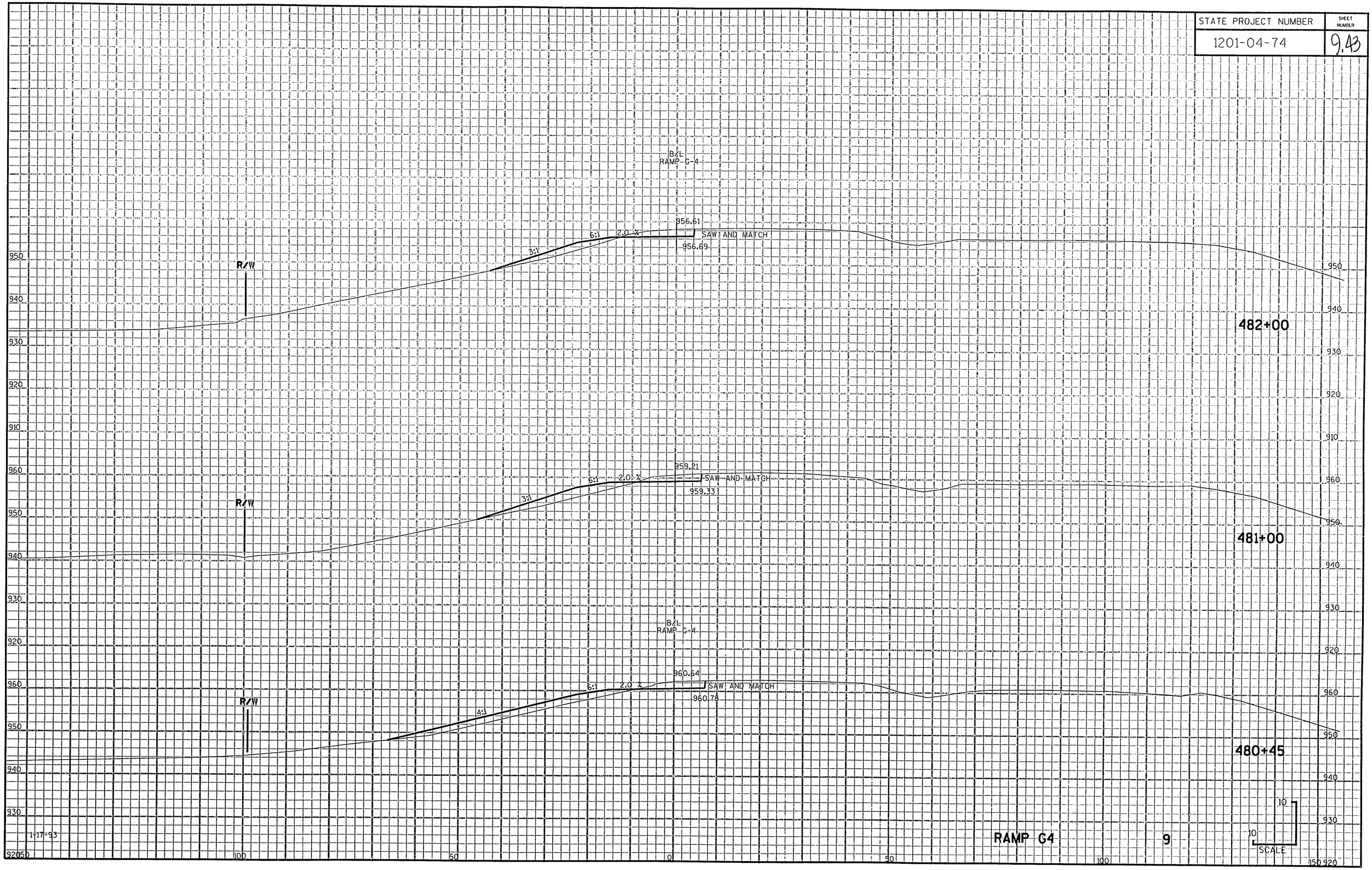
RAMP G4

8

SCALE 10 10

950 50 100 50 0 50 100 150 950

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,43



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.44

B/L
RAMP G-4

952.45
952.47
SAW AND MATCH
2.0 %
6:1
5:1
5'
CLASS B
STEEL PLATE
BEAM GUARD
5:1
+4.0 %
OLD DAIRY RIDGE ROAD CUL DE SAC
938.5

483+60

952.97
952.99
SAW AND MATCH
2.0 %
6:1
4:1

483+40

954.01
954.05
SAW AND MATCH
2.0 %
6:1
3.5:1

483+00

B/L
RAMP G-4

954.66
954.71
SAW AND MATCH
2.0 %
6:1
3:1

482+75

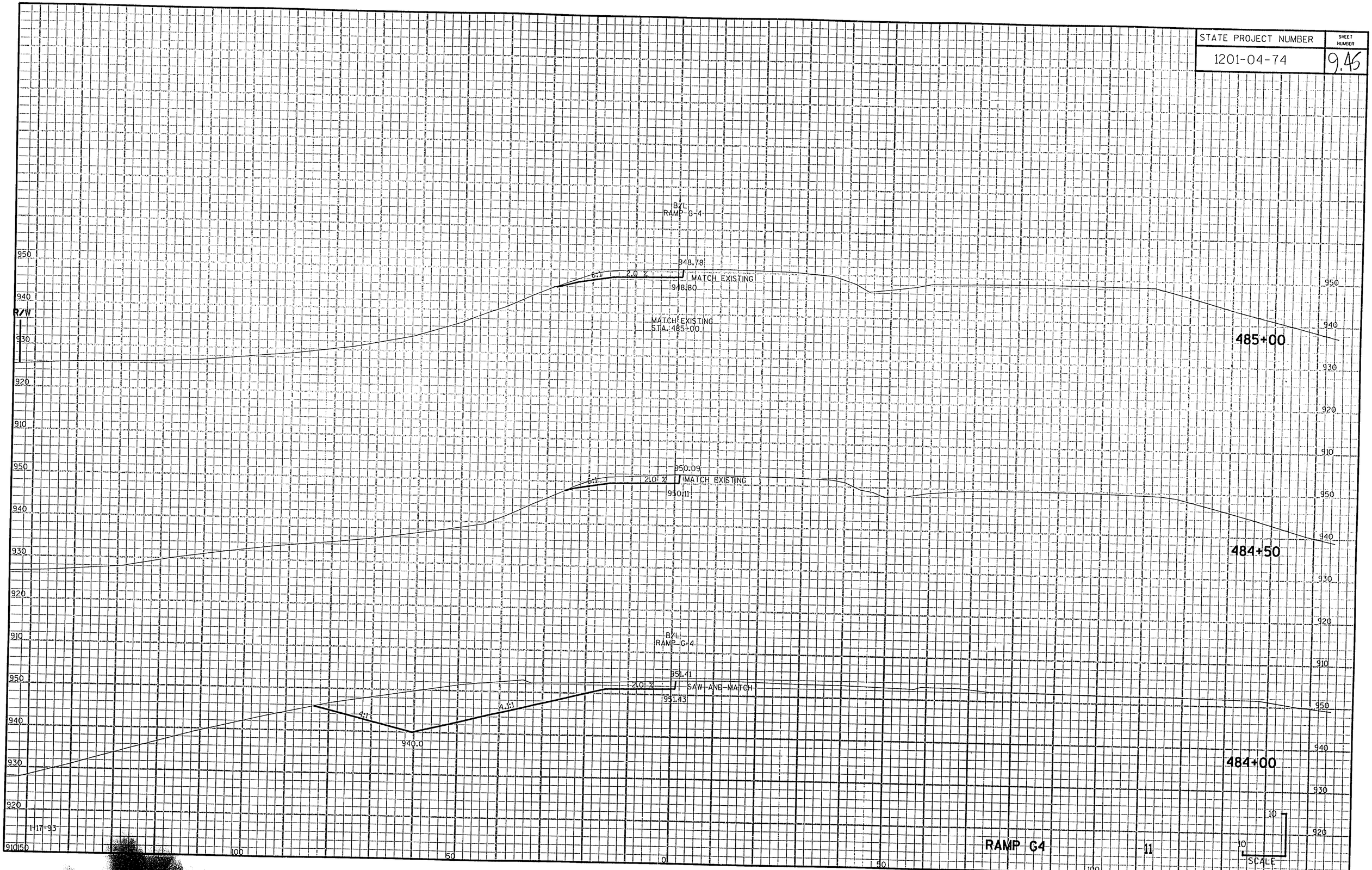
1-17-93

RAMP G4

10

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.46



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.46

C/L TEMP. ROAD
C/L DAIRY RIDGE ROAD
R/W
T.L.E.
3:1
4:1
6:1
2.5:1
0.7%
2.6%
1011.36
1007.75
41+00

C/L TEMP. ROAD
R/W
T.L.E.
3:1
4:1
6:1
2.5:1
2.0%
1.0%
1010.80
1008.39
40+00

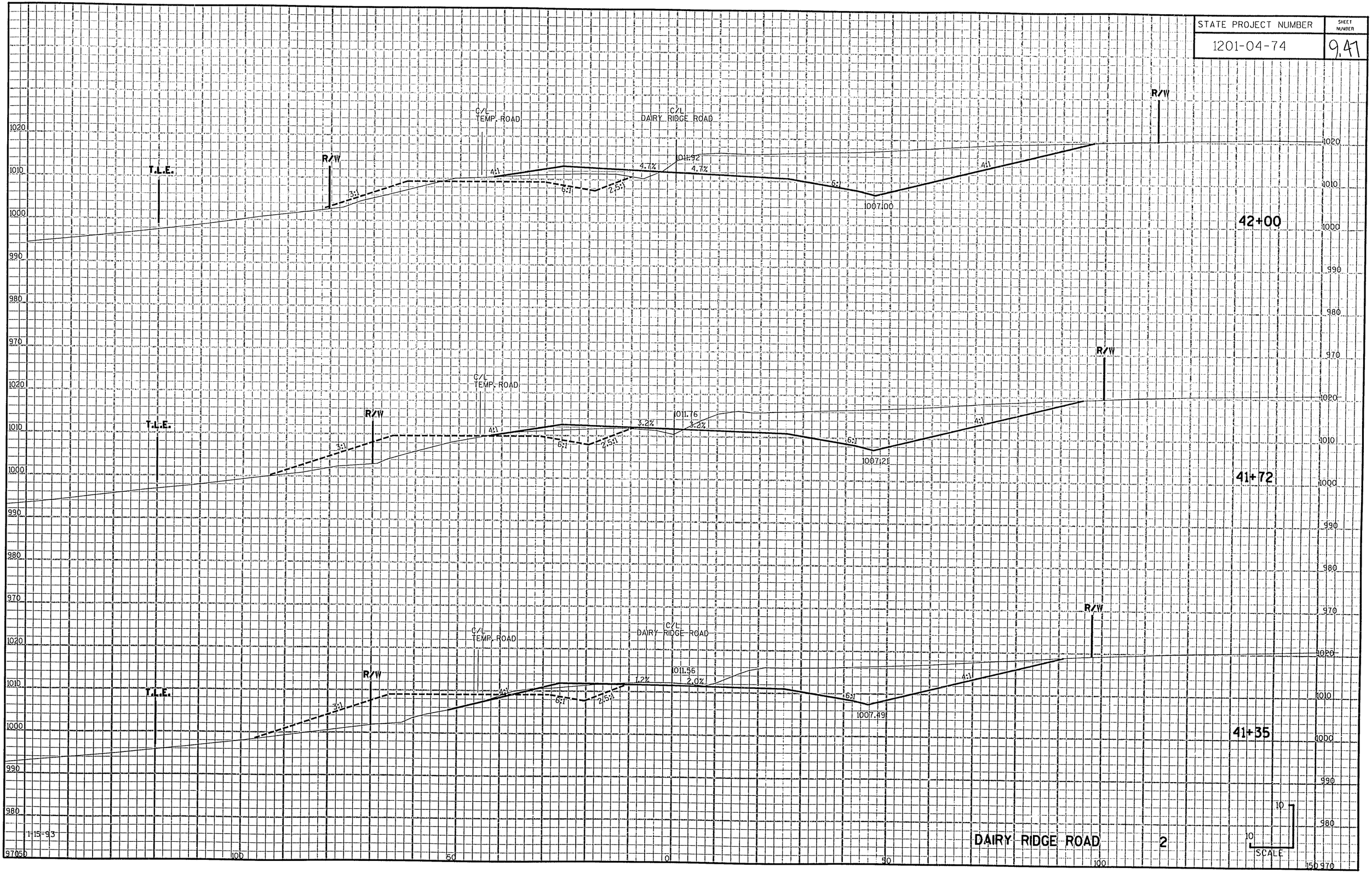
C/L TEMP. ROAD
C/L DAIRY RIDGE ROAD
R/W
T.L.E.
3:1
4:1
6:1
2.5:1
2.2%
2.2%
1010.63
1009.85
ELEV. 1004.5
ELEV. 1006.8
1-47" L.F. x 18" TEMPORARY CP REOID
STA. 40+00
MATCH EXISTING STA. 39+50
39+70

1"=5'

1"=15'-93

DAIRY RIDGE ROAD 1

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.47



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.48

C/L DAIRY RIDGE ROAD

R/W

ROCK

4:1 4:1 6:1 6.0% 6.0% 6:1 4:1 4:1

1010.50 1012.58 1004.75

45+00

R/W

R/W

4:1 4:1 6.0% 6.0% 6:1 4:1 4:1

1011.60 1012.67 1005.50

44+00

R/W

C/L TEMP. ROAD

MATCH EXISTING STA. 43+25

4:1 6.0% 6.0% 6:1 4:1 4:1

1012.44 1006.25

43+00

R/W

C/L TEMP. ROAD

C/L DAIRY RIDGE ROAD

T.L.E.

5:1 6:1 2.5:1 4:1 6.0% 6.0% 6:1 4:1

1012.06 1006.81

42+25

R/W

1020 1010 1000 990 980

1-15-93

DAIRY RIDGE ROAD 3

SCALE 10 10

98050 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.49

C/L
CTH G

END EARTHWORK ABRUPTLY
BEGIN BRIDGE B-13-403
STA. 48+71.01

MATCH LINE
RAMP G-4

MATCH LINE
RAMP G-1

1010.40
2.0%
2.0%

48+22

MATCH LINE
RAMP G-4

MATCH LINE
RAMP G-1

1010.68
2.0%
2.0%

48+00

NOTE:
4' SHOULDER WIDENING
FOR BEAM GUARD

STA. 47+45 DAIRY RIDGE RD(BACK)=
STA. 47+CTH "G"(AHEAD)

MATCH LINE
RAMP G-1

C/L
DAIRY RIDGE ROAD

1011.75
2.0%
2.0%
4:1
6:1
6:1
4:1
4:1
1008.45
1003.15

47+00

ROCK

R/W

C/L
DAIRY RIDGE ROAD

R/W

1012.50
2.0%
2.0%
4:1
4:1
6:1
6:1
4:1
3:1
1009.31
1004.00

46+00

ROCK

1020
1010
1000
990
980

1-15-93

DAIRY RIDGE ROAD / CTH G 4

SCALE
10
10

980 50 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,50

C/L
CTH G

997.05
2.0% 2.0%

R/W
4:1
4:1
R/W

54+00

1000.42
2.0% 2.0%

R/W
4:1
4:1
R/W

53+00

MATCH LINE
RAMP G-4

1003.13
2.0% 2.0%

MATCH LINE
RAMP G-2

52+00

40' BRIDGE

C/L
CTH G

MATCH LINE
RAMP G-4

GRATE 1006.70
INVERT 1000.95

1005.50
2.0% 2.0%

GRATE 1006.78
INVERT 1001.03

4:1
4:1

STA. 50+81
INLET TYPE 1-V
1-APRON ENDWALL

START EARTHWORK ABRUPTLY
END BRIDGE B-13-403
STA. 50+71.85

STA. 50+78
INLET TYPE 1-V
1-ARRON ENDWALL

51+00

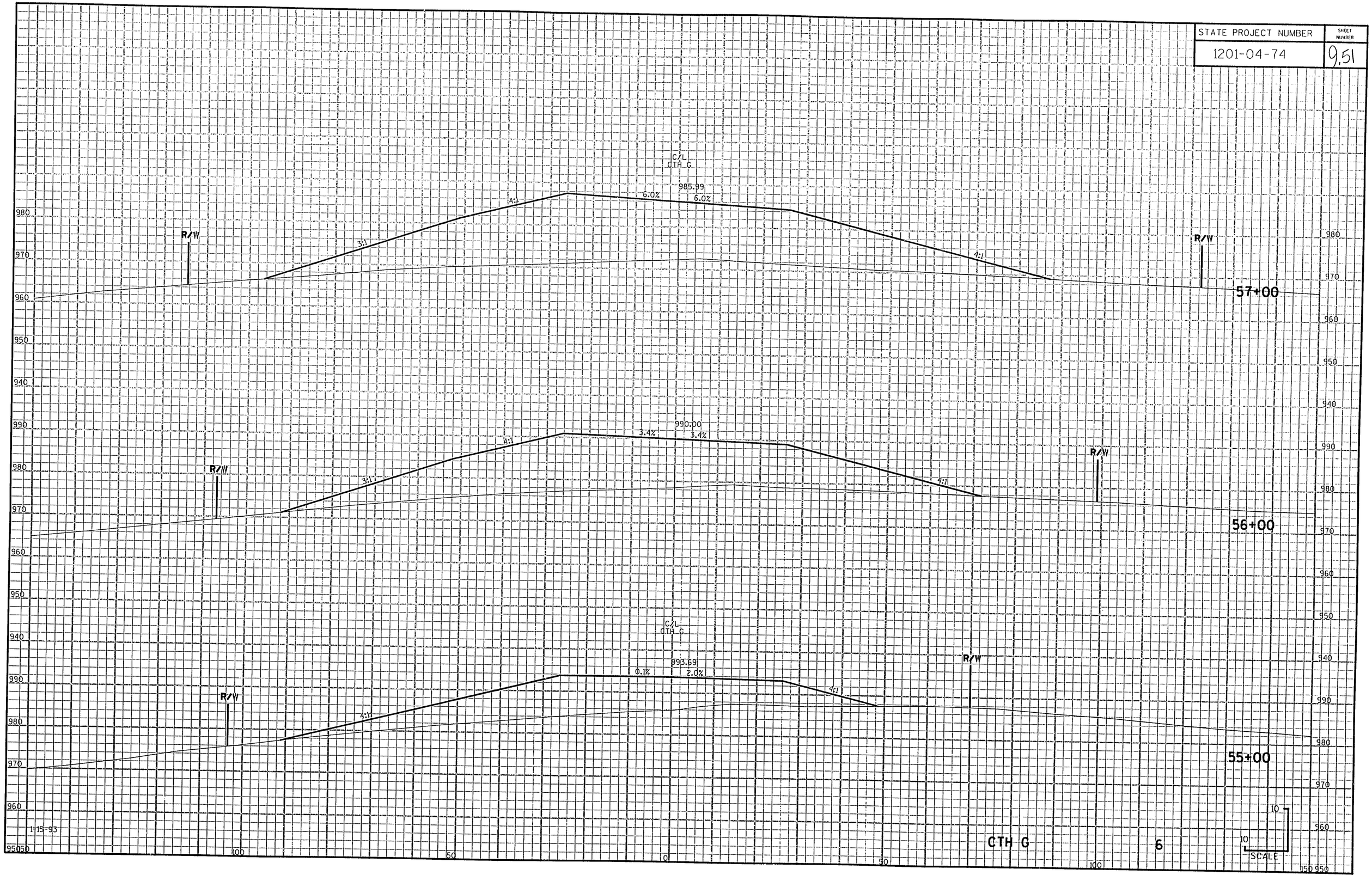
1-15-93

CTH G

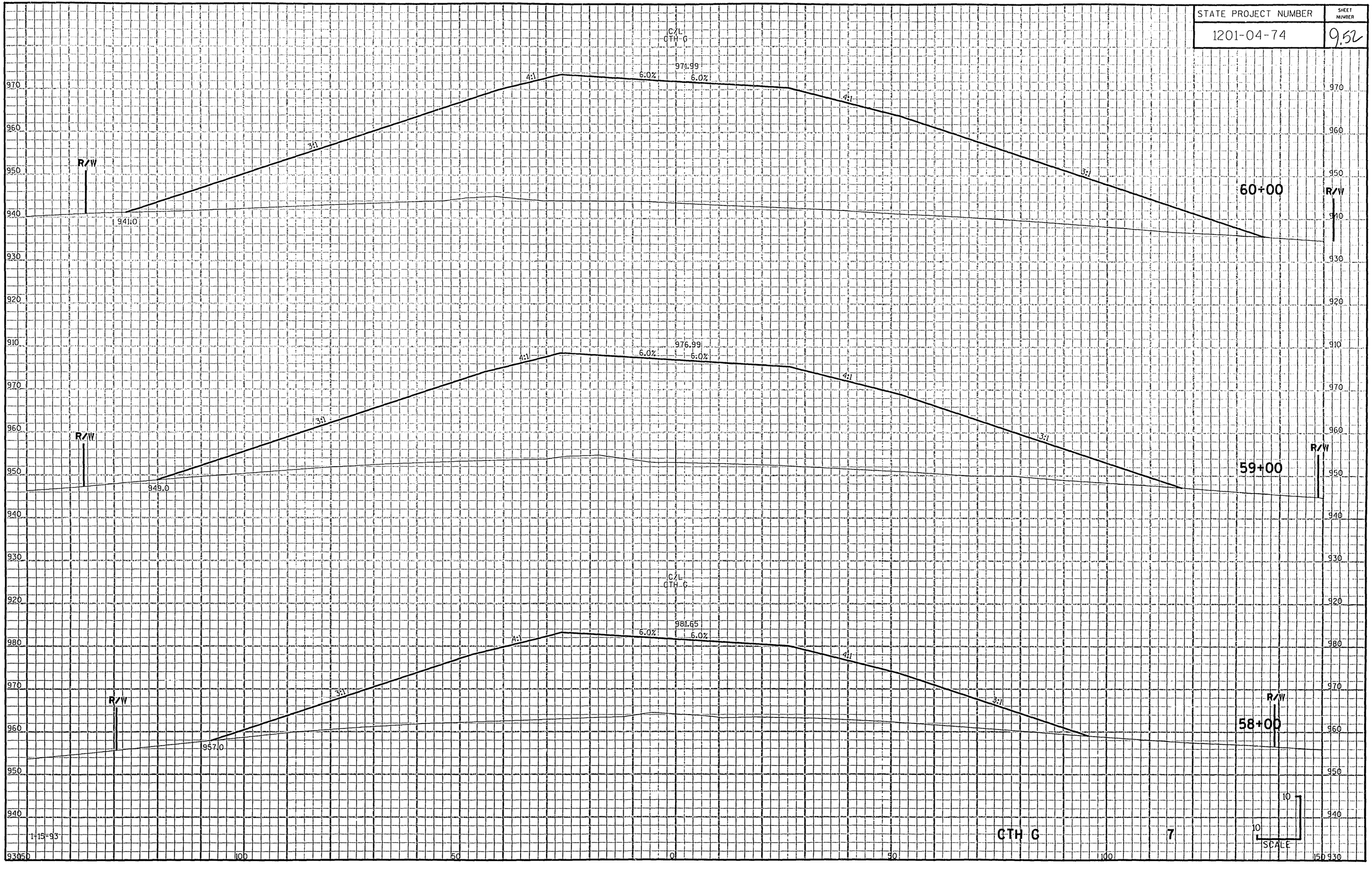
5

SCALE
10
10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.51



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.52



1-15-93

CTH G 7

SCALE 10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	953

C/L
CTH G

MATCH LINE
OLD G

955.11
6.0%
6.0%

4:1
3:1
4:1
3:1

R/W

63+00

ELEV. 927.10

2-253 L.F. x 72" RCCP REQ'D
STA. 62+84
SKEW 37° LHF
1-MASONRY ENDWALL

961.03
6.0%
6.0%

4:1
3:1
4:1
3:1

62+00

R/W

2-253 L.F. x 72" RCCP REQ'D
STA. 62+84
SKEW 37° LHF
1-MASONRY ENDWALL

ELEV. 928.87

C/L
CTH G

966.67
6.0%
6.0%

4:1
3:1
4:1
3:1

R/W

61+00

R/W

1-15-93

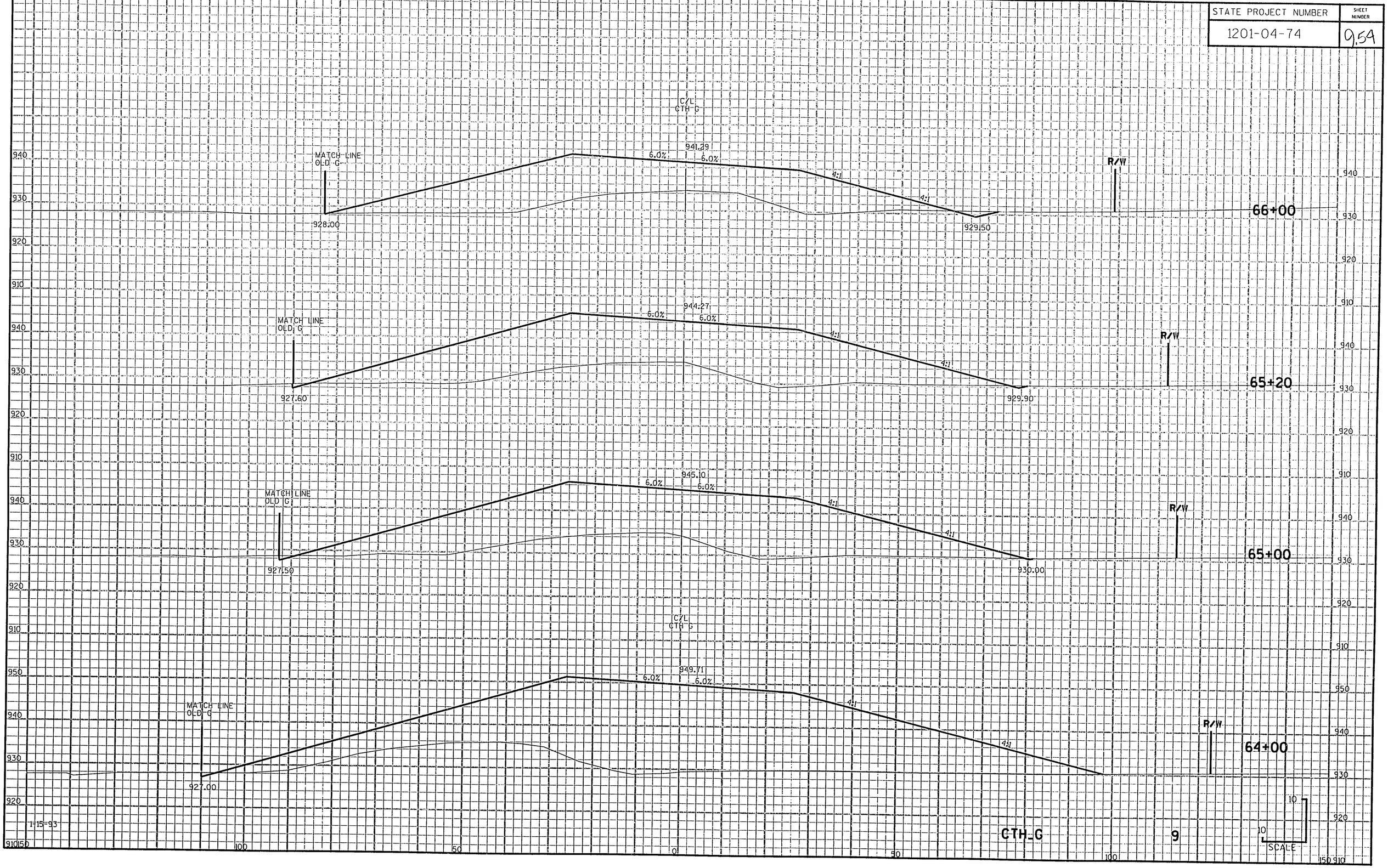
CTH G

8

SCALE
10
10

950 940 930 920 910 960 950 940 930 920 910 960 950 940 930 920 910 150 100 50 0 50 100 150 910

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.59



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,55

T.L.E.
+20'
R/W
C/L CTH G
R/W
930
920
910
4:1
6:1
2.0%
934.53
2.0%
4:1
931.34
72+00

MATCH LINE OLD G
R/W
930
920
910
933.75
2.0%
934.13
2.0%
4:1
930.80
71+00

MATCH LINE OLD G
R/W
930
920
910
930.5
2.0%
933.98
2.0%
4:1
930.50
70+00

MATCH LINE OLD G
R/W
930
920
910
930.0
2.0%
934.62
2.0%
4:1
4:1
930.09
69+00

MATCH LINE OLD G
R/W
930
920
910
929.0
1.4%
936.04
2.0%
4:1
929.52
68+00

MATCH LINE OLD G
C/L CTH G
R/W
930
920
910
928.50
4.8%
938.27
4.8%
4:1
4:1
929.00
1 - 188 LLF x 24" RCCP REQ'D
STA. 67+00.0
67+00

1-15-93
CTH_G
10
SCALE
10
10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,56

NOTE:
SEE CTH G TEMP
X-SECTIONS FOR
TEMPORARY ROAD

C/L
CTH G

R/W

934.76
2.0%
2.0%
4:1
932.3

MATCH EXISTING
STA. 75+00

75+00

R/W
934.71
2.0%
2.0%
4:1
4:1
932.0

74+35

T.L.E.
R/W
934.68
2.0%
2.0%
4:1
4:1
931.70

74+00

T.L.E.
R/W
C/L
CTH G
934.61
2.0%
2.0%
4:1
6:1
4:1
930.98

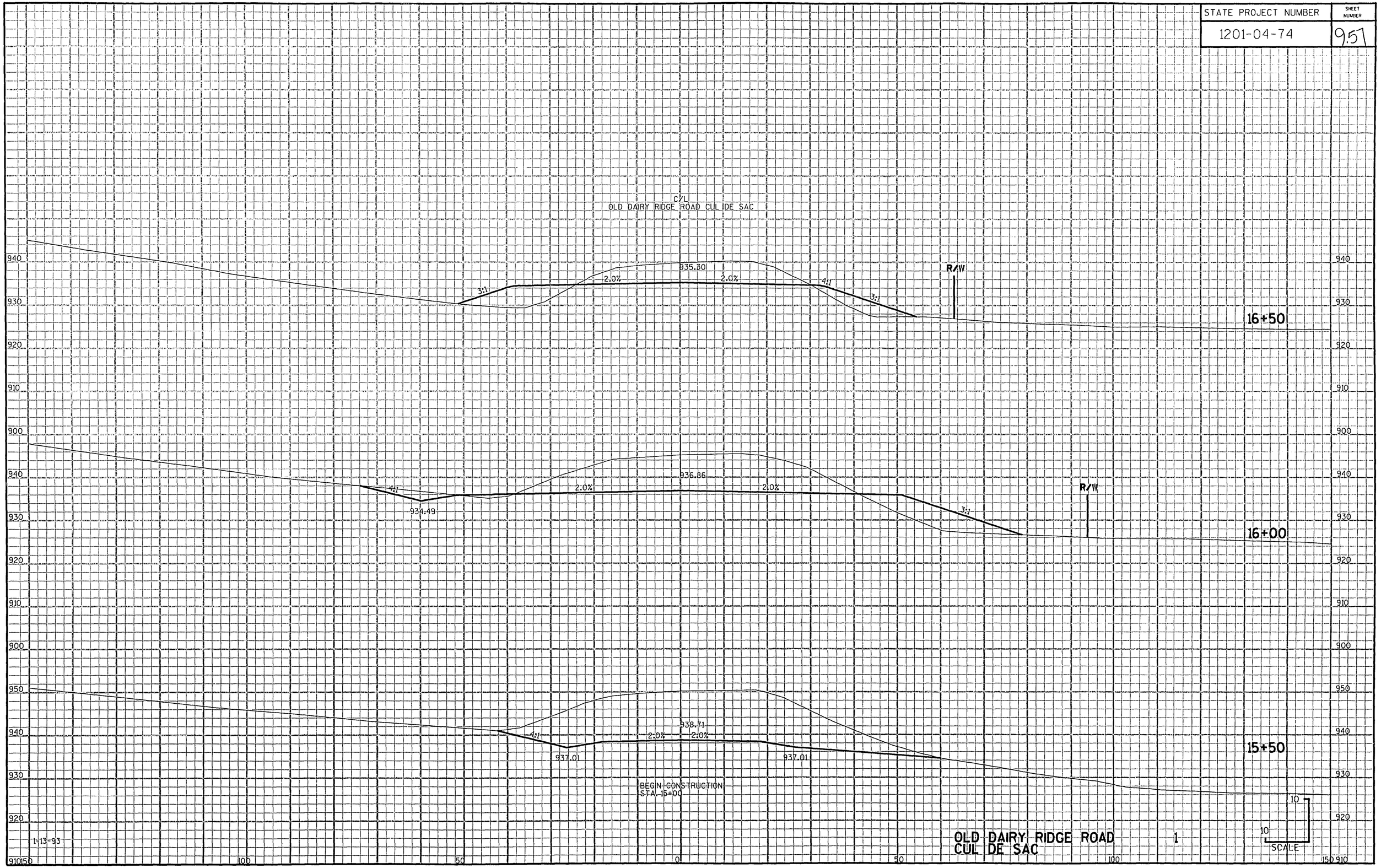
73+00

1-15-93

CTH G 11

SCALE

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.57



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.58

C/L
OLD DAIRY RIDGE ROAD CUL DE SAC

R/W

933.07
2.0%
2.0%
4:1
931.41

17+50

R/W

R/W

934.04
2.0%
2.0%

17+00

R/W

R/W

934.51
2.0%
2.0%
3:1

36" CSCP TO REMAIN

16+80

R/W

935.02
2.0%
2.0%
3:1

16+60

930
920
910
900
940

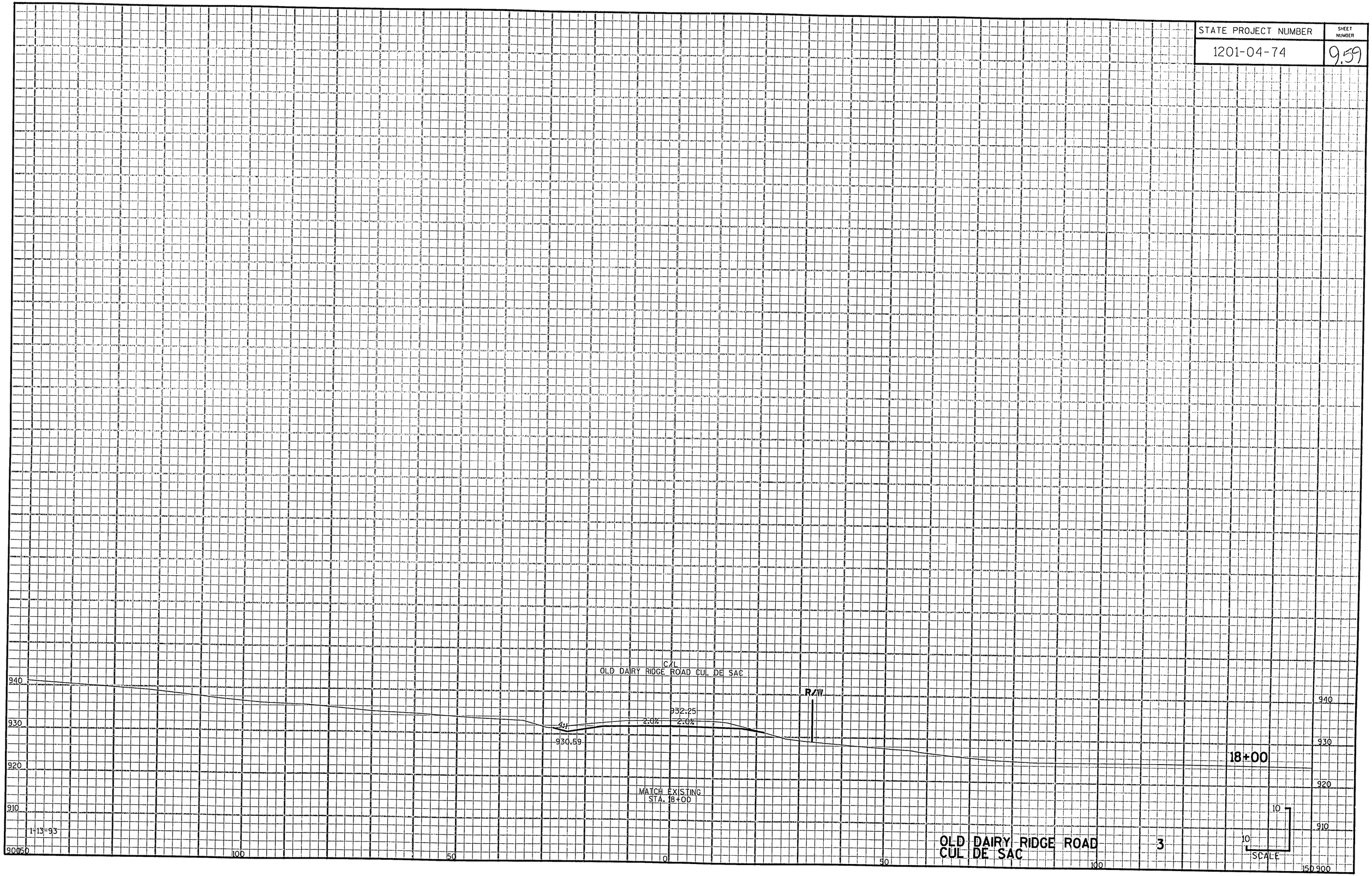
1-13-93

OLD DAIRY RIDGE ROAD
CUL DE SAC

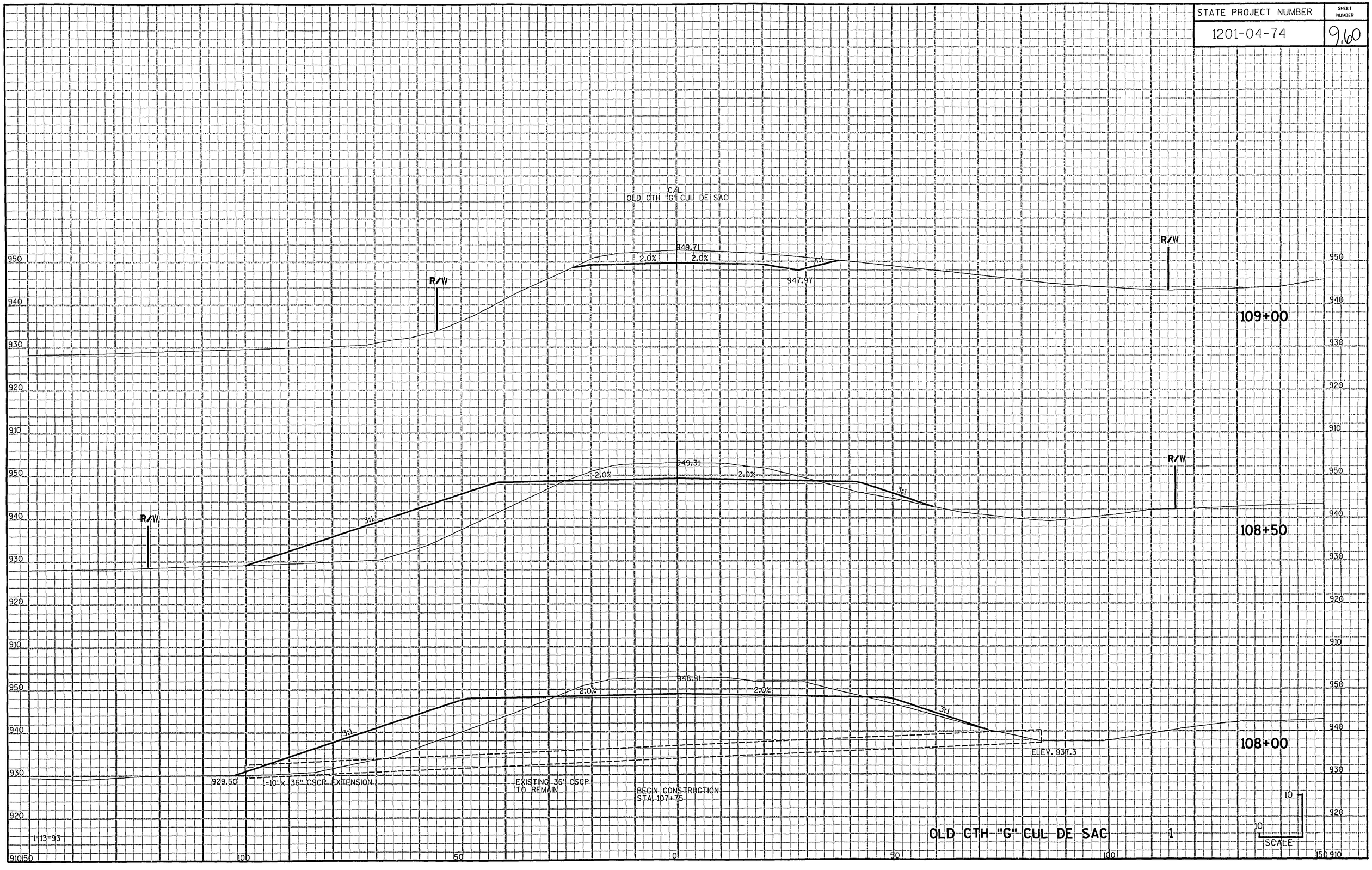
2

SCALE
10
10

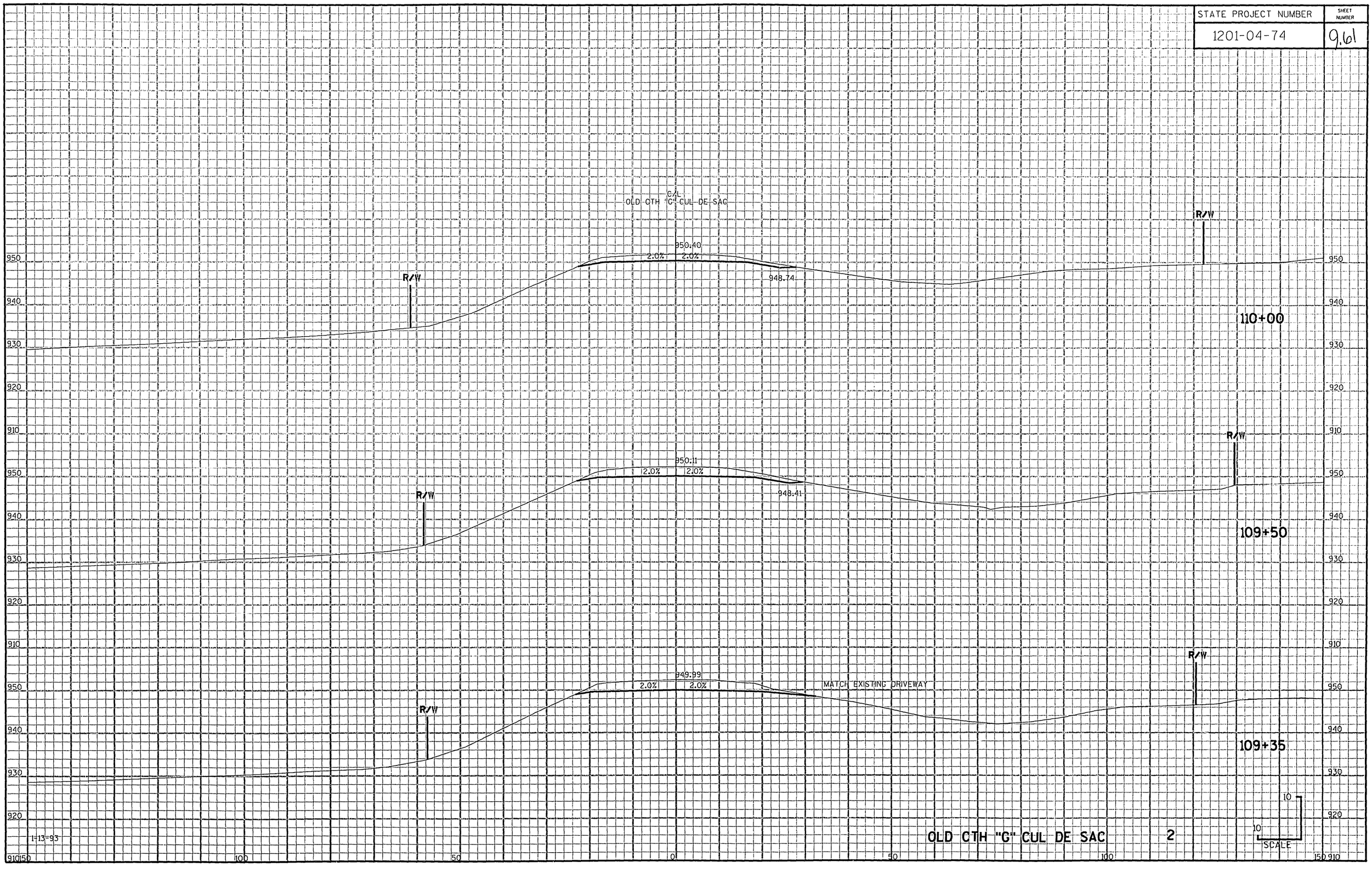
STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.59



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.60



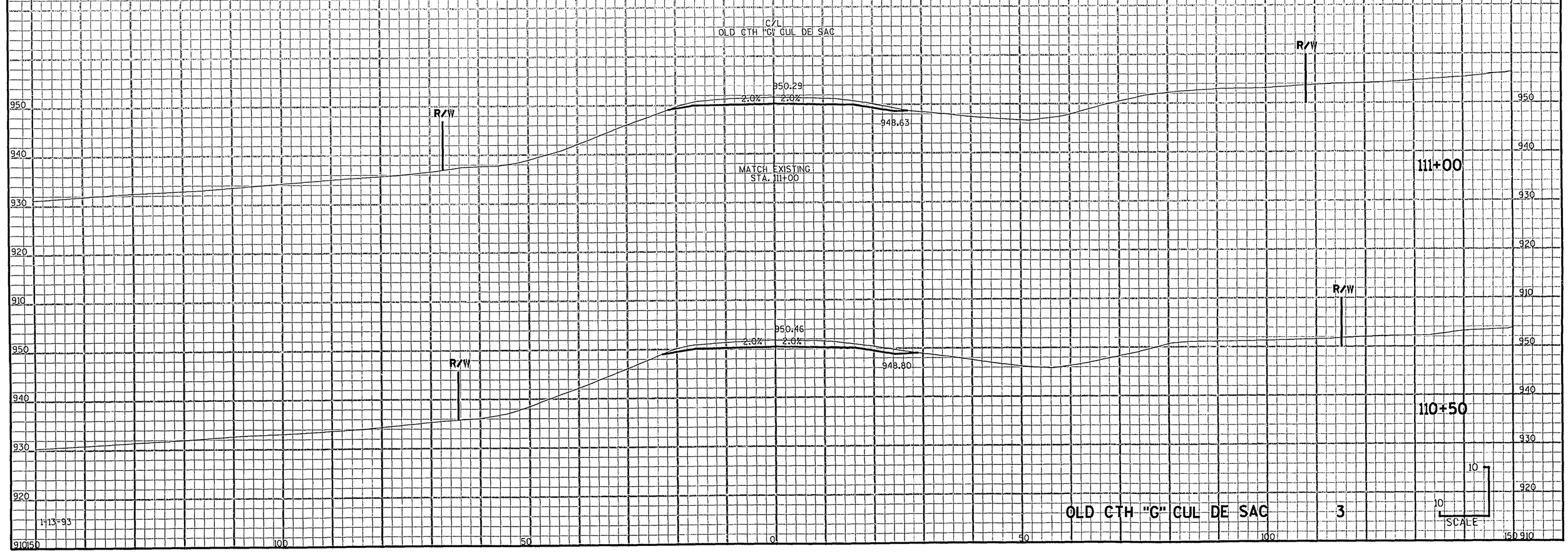
STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.61



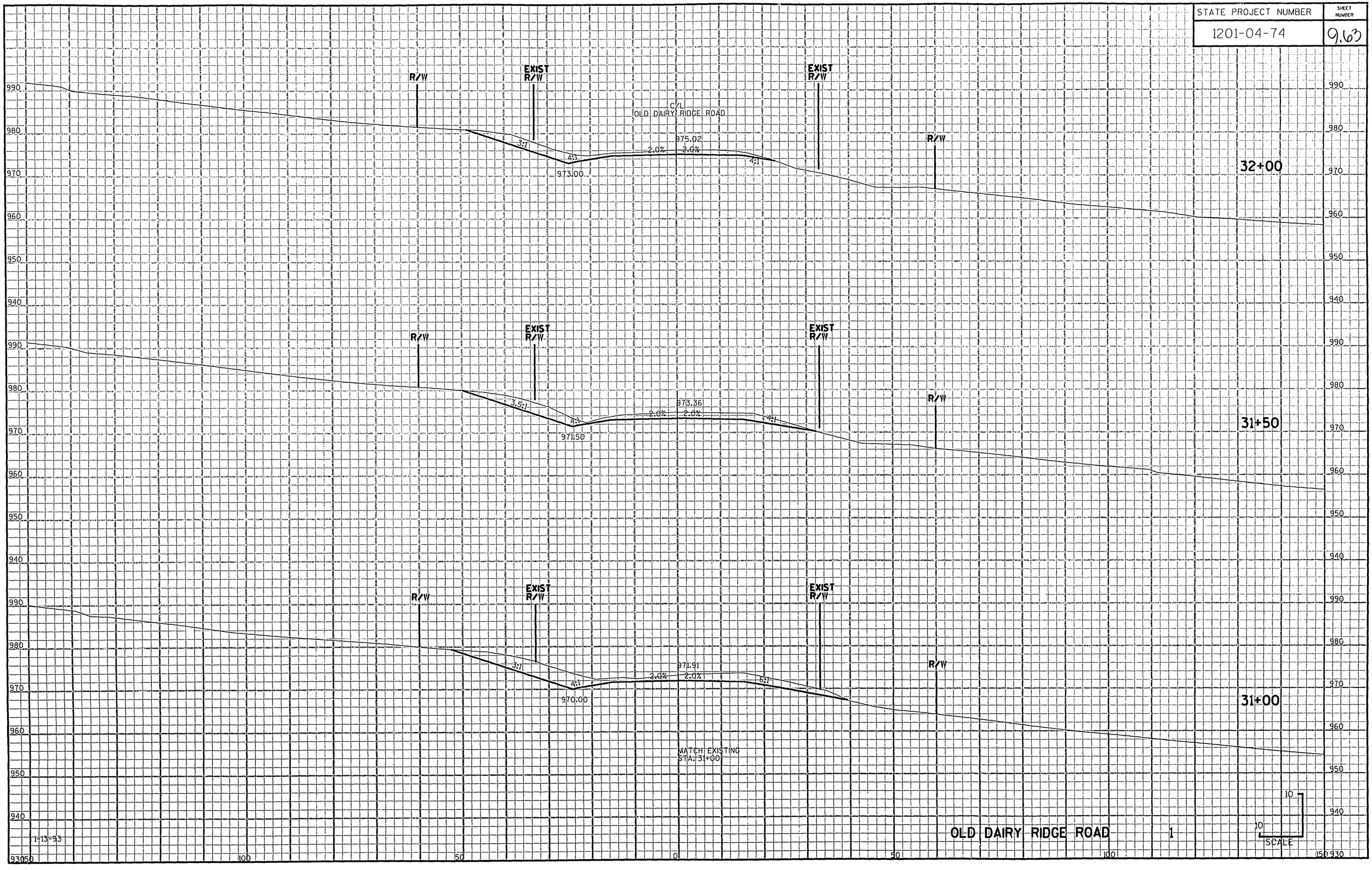
1-13-93

OLD CTH "G" CUL DE SAC 2

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.62



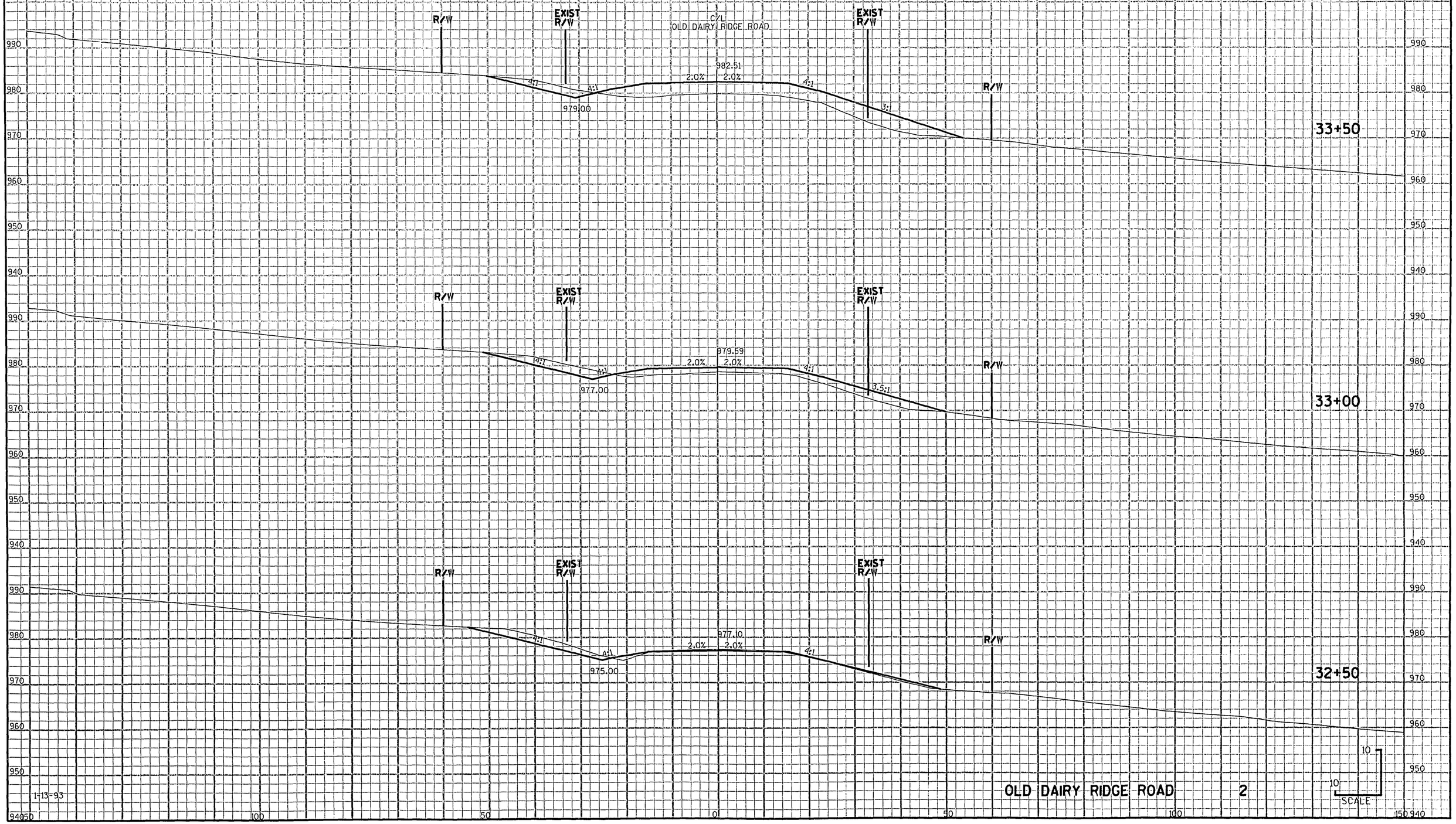
STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.63



1-13-93

OLD DAIRY RIDGE ROAD 1

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.6A



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.65

C/L
OLD DAIRY RIDGE ROAD

R/W
EXIST R/W
EXIST R/W
R/W
T.L.E.

990
980
970
960
950

4:1
3:1
4:1
2.0%
993.56
2.0%
4:1
3:1
983.00

35+00

R/W
EXIST R/W
EXIST R/W
R/W
T.L.E.

990
980
970
960
950

4:1
3:1
4:1
2.0%
989.60
2.0%
4:1
3:1
982.00

34+50

R/W
EXIST R/W
EXIST R/W
R/W
T.L.E.

990
980
970
960
950

4:1
3.5:1
4:1
2.0%
985.64
2.0%
4:1
3:1
981.00

34+00

1-13-93

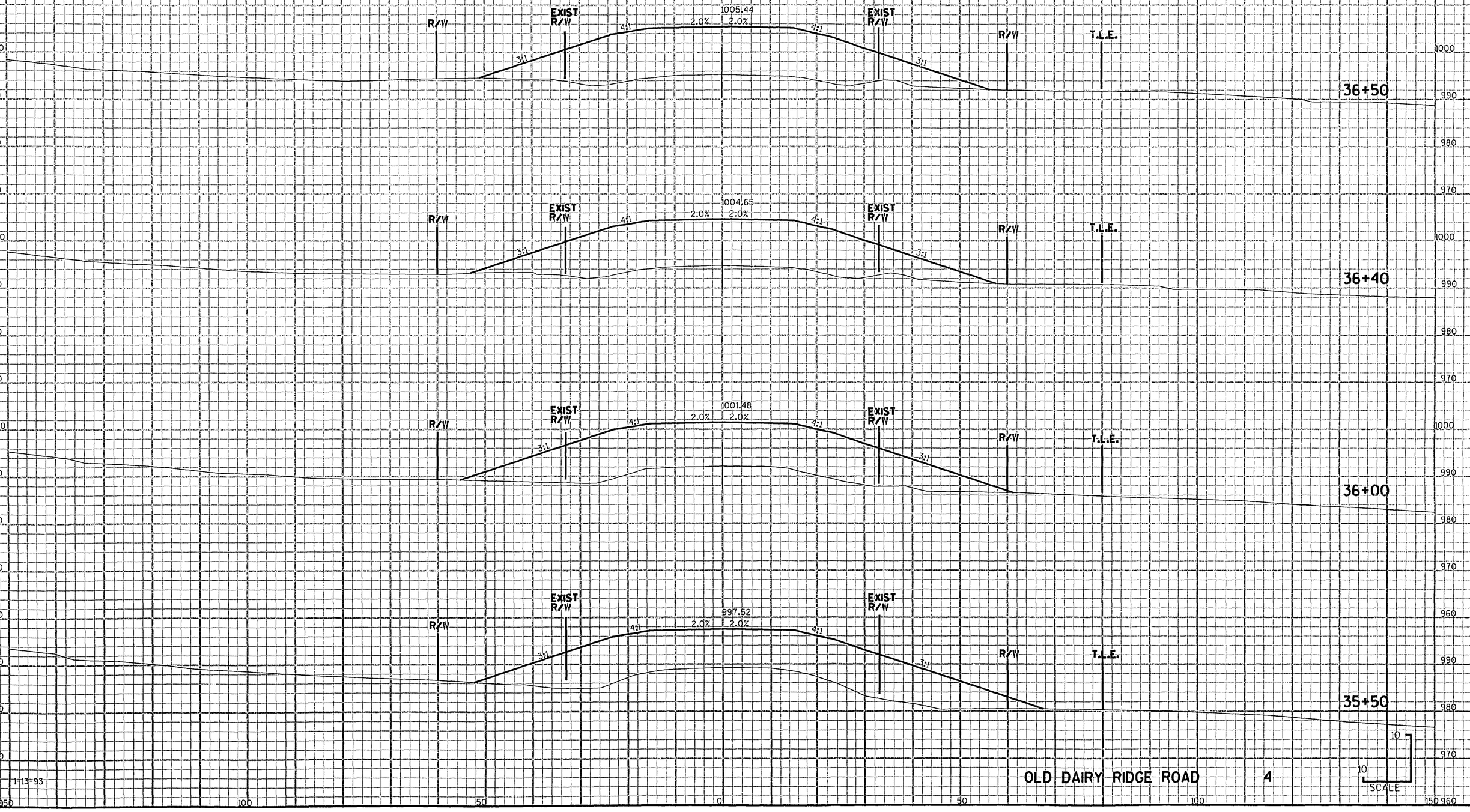
OLD DAIRY RIDGE ROAD 3

SCALE 10 10

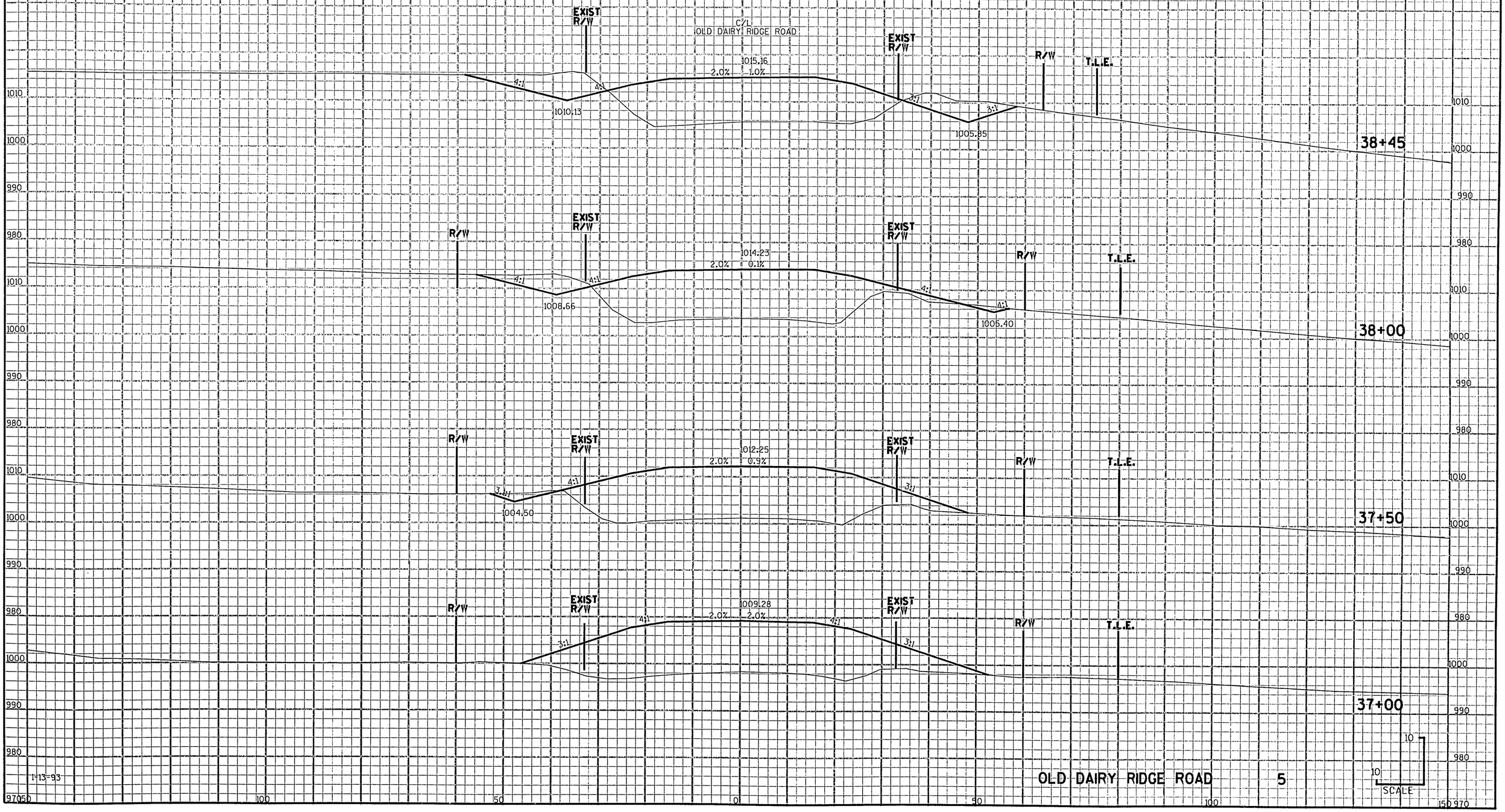
940 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.66

C/L
OLD DAIRY RIDGE ROAD



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.67

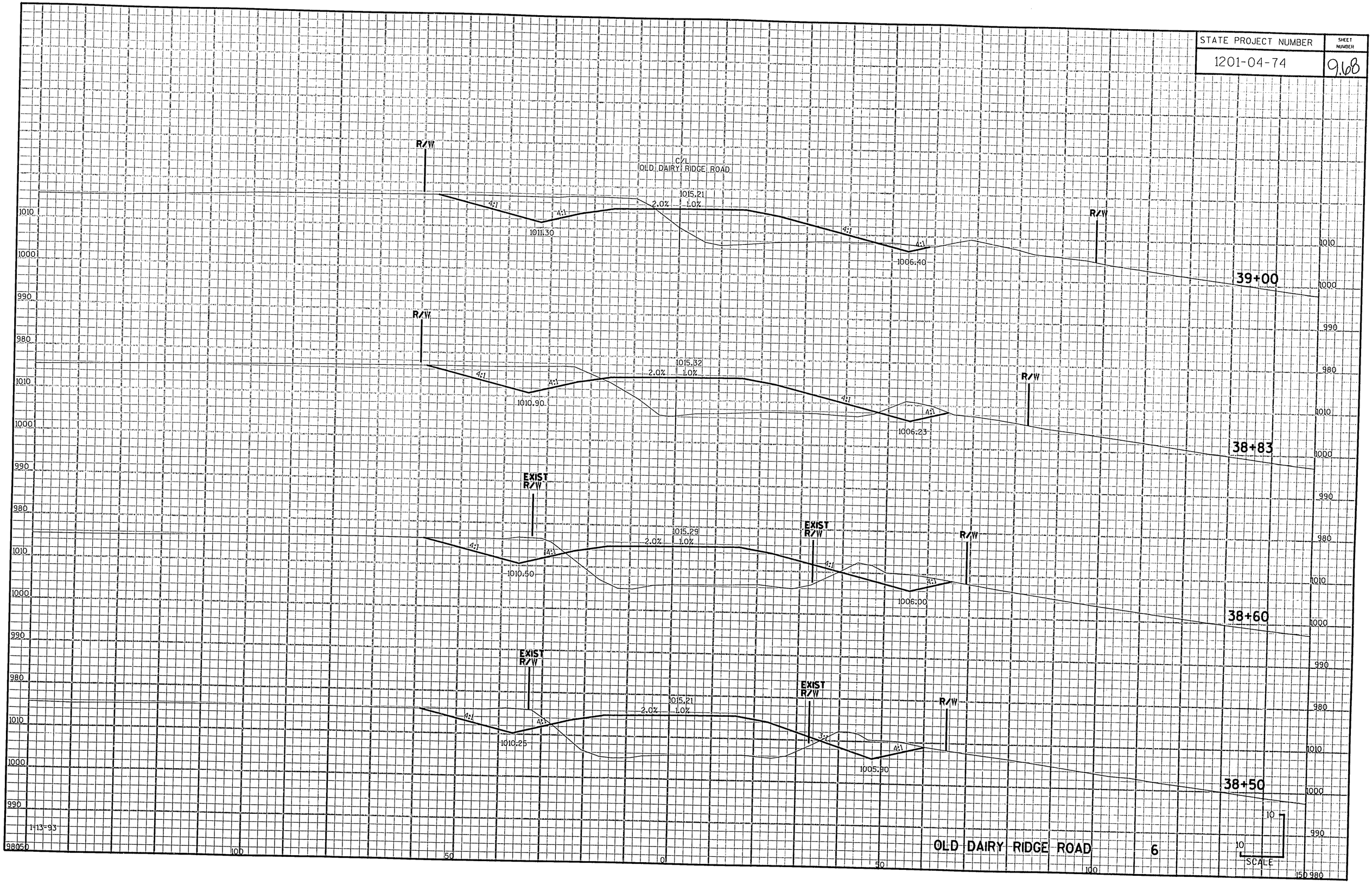


1-13-93

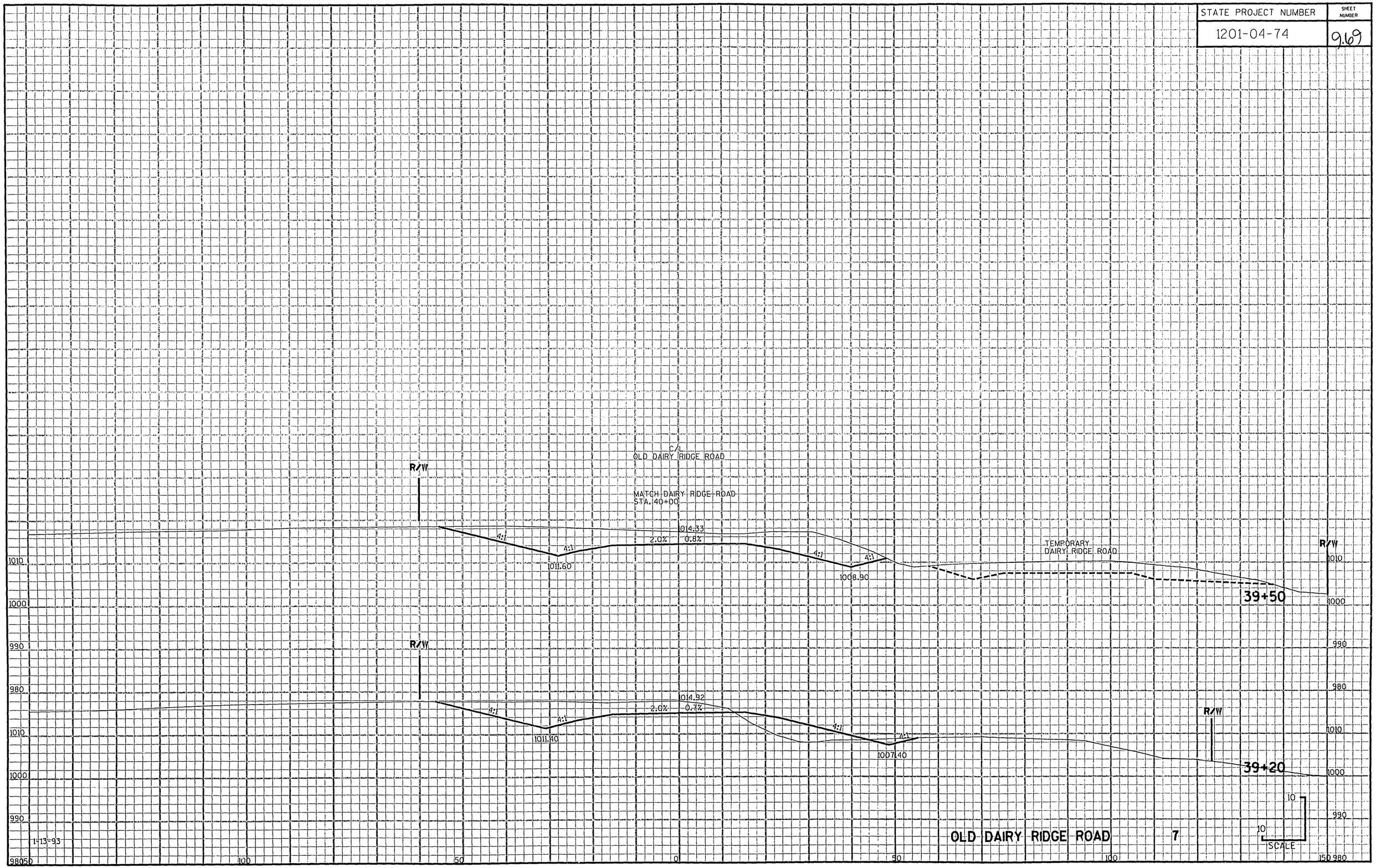
OLD DAIRY RIDGE ROAD 5

SCALE 10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.68



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.69



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.10

C/L OLD CTH "G"

T.L.E. R/W R/W

945.32 6.0% 6.0% 4:1 4:1 10:1

945.06

7+80

T.L.E. R/W R/W

948.63 6.0% 6.0% 4:1 4:1 4:1

7+00

T.L.E. R/W R/W

951.11 3.2% 3.2% 4:1 4:1 4:1

949.18

6+40

T.L.E. R/W R/W

952.77 2.0% 1.3% 4:1 4:1 4:1 4:1

951.05 951.65

6+00

NOTE:
DITCH GRADING TO
BEGIN AT STA. 4+50 +/-

T.L.E. R/W R/W

956.91 2.0% 2.0% 4:1 4:1 4:1 2.5:1

955.19 955.19

5+00

MATCH EXISTING
STA. 5+00

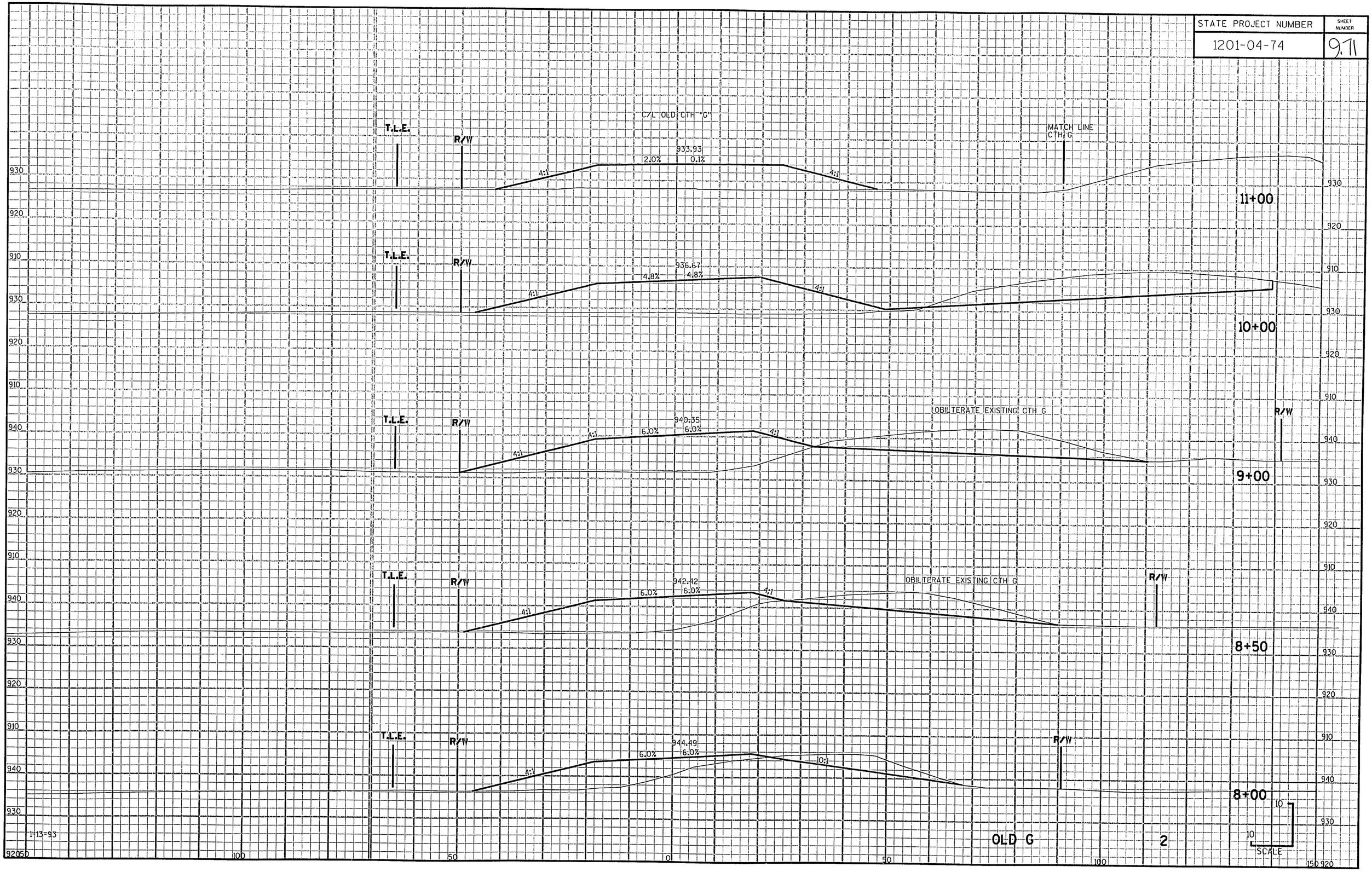
1-13-93

OLD G

1

SCALE 10 10

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.11



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.12

C/L OLD CTH "G"

T.L.E. R/W

MATCH LINE CTH G

932.25 2.0% 2.0% 4:1 4:1 929.0

16+00

T.L.E. R/W

MATCH LINE CTH G

931.75 2.0% 2.0% 4:1 4:1 928.5

15+00

T.L.E. R/W

MATCH LINE CTH G

931.25 2.0% 2.0% 4:1 4:1 57.4:1 928.00

14+00

T.L.E. R/W

MATCH LINE CTH G

931.21 2.0% 2.0% 4:1 4:1 101.2:1 927.81

13+00

T.L.E. R/W

MATCH LINE CTH G

932.11 2.0% 2.0% 4:1 927.27

12+00

T.L.E. R/W

933.59 2.0% 0.6% 4:1 4:1

ELEV. 926.16

2-48 L.F. X 72" RCCP REQ'D
STA. 11+62
SKEW 26° LHF
2-MASONRY ENDWALLS REQ'D

ELEV. 926.55

MATCH LINE CTH G

SEDIMENTATION BASIN
SEE CONSTRUCTION DETAILS

11+15

OLD G 3

SCALE 10 10

1-13-93

910 920 930 910 920 930 910 920 930

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.73

MATCH CTH "G"
STA. 20+00

C/L OLD CTH "G"

R/W

933.75

1.6%

2.0%

4:1

4:1

930

920

910

19+00

MATCH LINE
CTH G

T.L.E.

R/W

933.25

1.2%

2.0%

4:1

4:1

930

930.5

920

910

18+00

MATCH LINE
CTH G

T.L.E.

R/W

932.75

2.0%

2.0%

4:1

4:1

930

930.0

920

910

17+00

10

10

SCALE

1-13-93

OLD G

4

150 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9,74

C/L SISK DRIVE

937.94
3:1 2.0% 2.0% 3:1

T.L.E. +10'

404+00

937.48
3:1 2.0% 2.0% 3:1

T.L.E. +12'

403+00

941.85
3:1 2.0% 2.0% 3:1

ELEV. 931.43

1 - 84 L.F. x 12" C.P. REQ'D
STA. 402+00

ELEV. 930.66

T.L.E. +10'

402+00

949.64
2.5:1 2.0% 2.0% 2.5:1

T.L.E. +18'

401+00

953.14
2.5:1 2.0% 2.0% 2.5:1

MATCH C.T.H. "G"
STA. 400+00

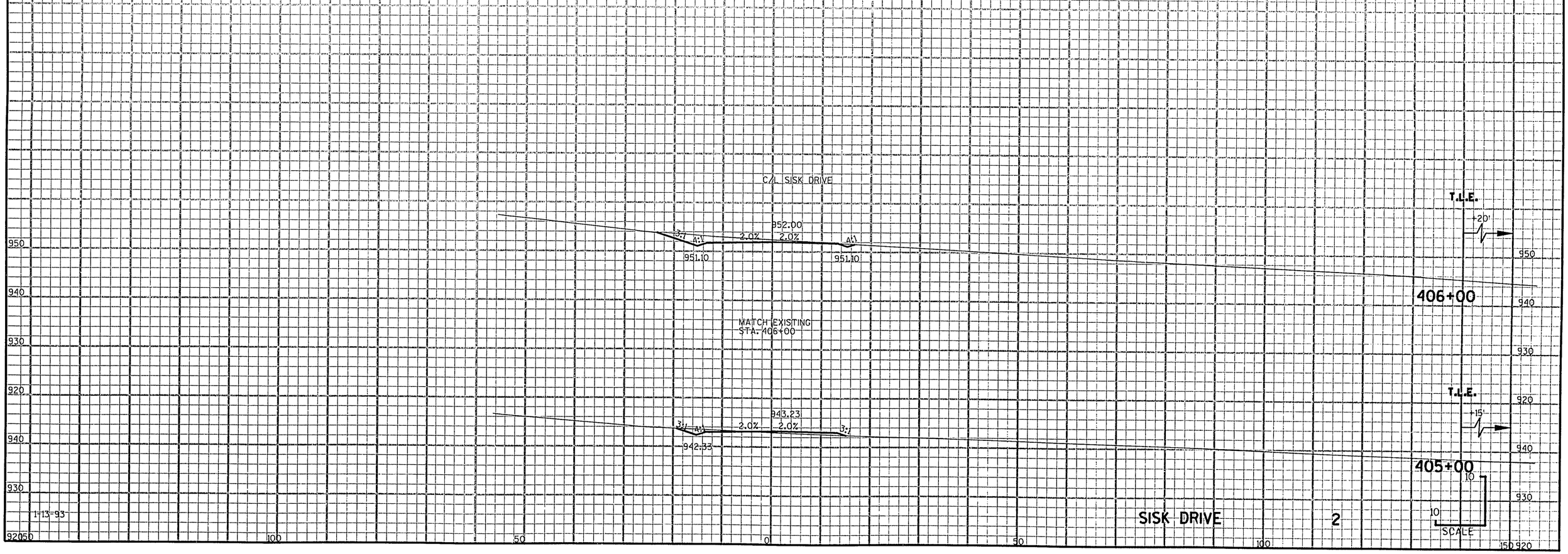
400+50

SISK DRIVE 1

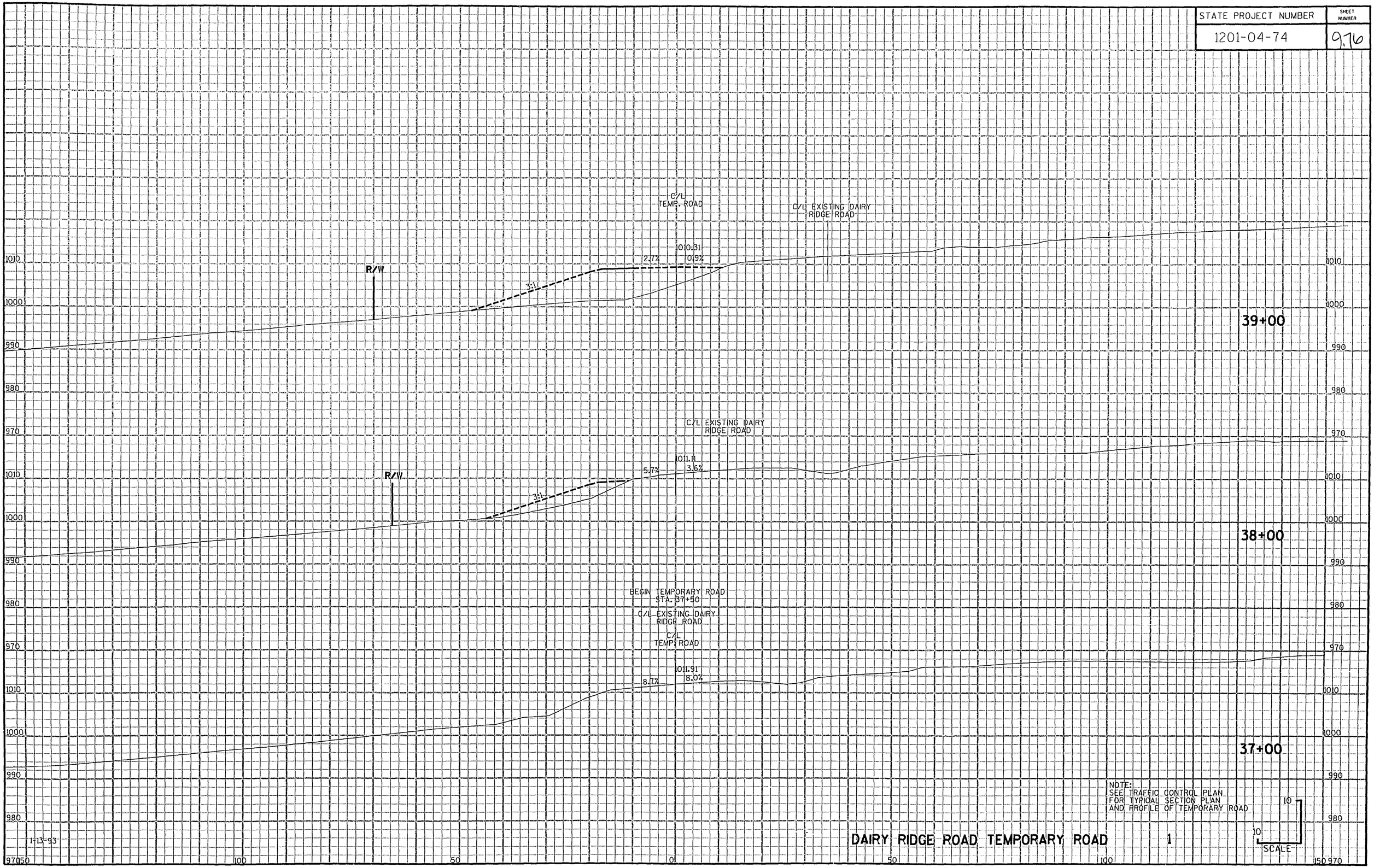
SCALE 10 10

1-13-93

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.15



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.76



STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.11

EXIST. R/W

C/L
C.T.H. G TEMPORARY ROAD

T.L.E.

936.36
3.8% 3.8%
3:1

T.L.E.

936.61
3.8% 3.8%
3:1 2.5:1 2.5:1
933.00

T.L.E.

936.16
2.0% 2.0%
3:1 3:1

T.L.E.

935.60
2.0% 2.0%
3:1 3:1

T.L.E.

935.05
5.8% 5.8%
3:1 3:1

1-70 L.F. x 18" TEMPORARY CULVERT PIPE
STA. 18+90

T.L.E.

934.54
4.7% 4.8%
3:1 3:1

MATCH PROPOSED
STA. 17+80.92 OLD "6"

NOTE:
SEE TRAFFIC CONTROL PLAN - SHEET 1
FOR TYPICAL SECTION, PLAN AND PROFILE
OF TEMPORARY ROAD.

23+00
22+00
21+00
20+00
19+00
18+00

930
920
910

1-13-93

CTH G TEMPORARY ROAD 1

SCALE
10
10

150 100 50 0 50 100 150

STATE PROJECT NUMBER	SHEET NUMBER
1201-04-74	9.18

