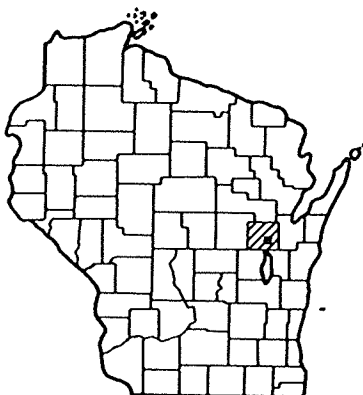


AS-BUILT PLAN

Index of Sheets

Sheet No.	1	Title
Sheet No.	2-2.1	Typical Sections and Details
Sheet No.	3	Estimate of Quantities
Sheet No.	2	Miscellaneous Quantities
Sheet No.	4	Right of Way Plat
Sheet No.	5	Plan and Profile
Sheet No.	6-6.4	Standard Detail Drawings
Sheet No.	-	Standard Sign Plates
Sheet No.	-	Structure Plans
Sheet No.	-	Computer Earthwork Data
Sheet No.	9-9.2	Cross Sections

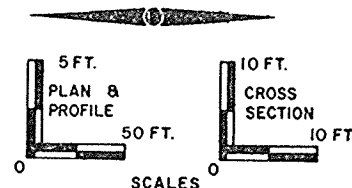
TOTAL SHEETS = 14



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

C.T.H. "N"
OUTAGAMIE COUNTY

STATE PROJECT NUMBER
6027-2-71



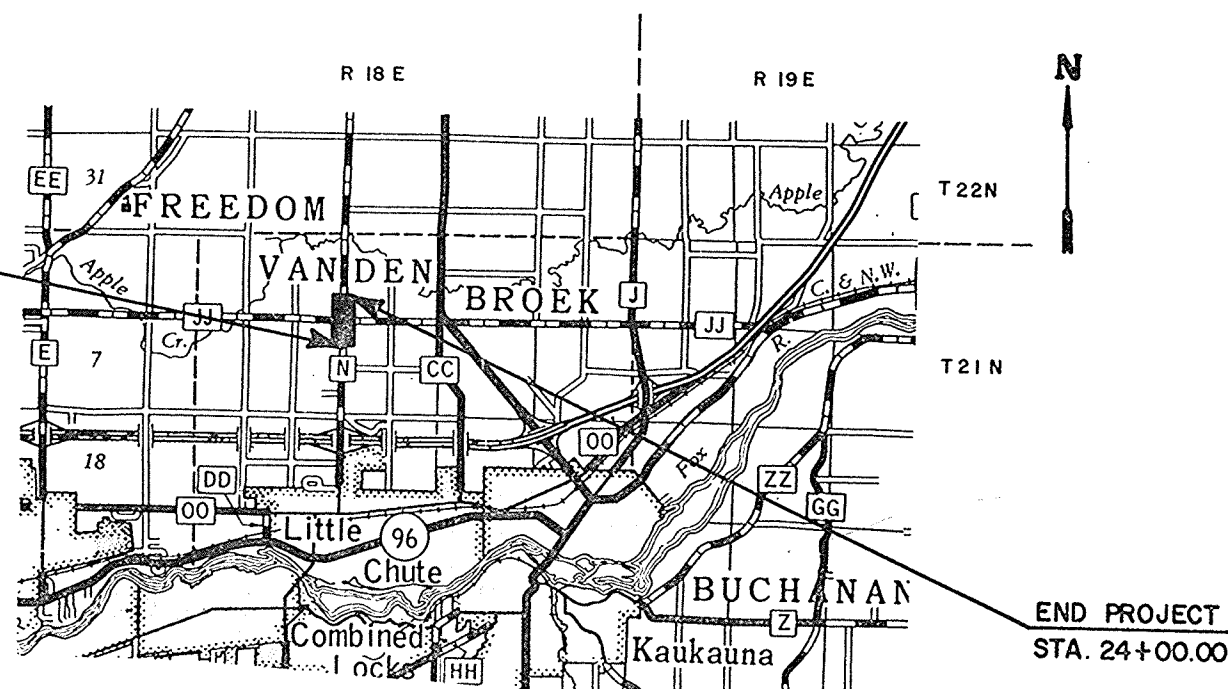
Design Designation

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

Conventional Signs

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

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



Layout
Scale 0 1 2 Miles

Total Net Length of Centerline = 0.152 Mi. RURAL

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

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6027-2-71	HES 4499 (1)	1

AS-BUILT PLAN

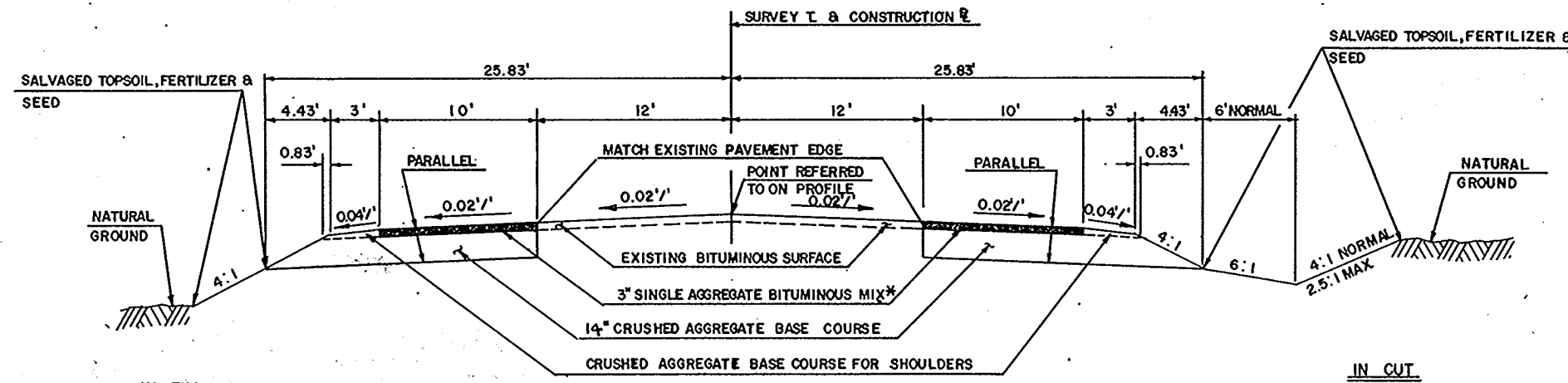
SUPERVISOR DENNIS PAULI
PROJECT ROSE M. PHETTEPLACE
OUTAGAMIE COUNTY
8-28-87

APPROVED FOR OUTAGAMIE COUNTY	
11-24-85 DATE	Malle Marsh COUNTY COMMISSIONER
PLANS PREPARED BY AYRES ASSOCIATES CONSULTING ENGINEERS GREEN BAY, WISCONSIN	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
Surveyor O.A.B.A.	District Checker R.E.
Designer O.A.B.A.	C.O. Checker R.E.
District Supervisor J.E.F.	C.O. Coordinator R.E.
APPROVED: DATE: 1/21/87 T.R. Clark DISTRICT TRANSPORTATION DIRECTOR	
APPROVED: DATE: 3-2-87 D.J. Strane STATE DESIGN ENGINEER FOR HWYS.	
APPROVED: DATE: 3/3/87 E.J. Byrkit DIRECTOR OF ENGINEERING DEVELOPMENT	
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION REGION 5 WISCONSIN DIVISION	
Approved: Date: _____ Division Administrator	

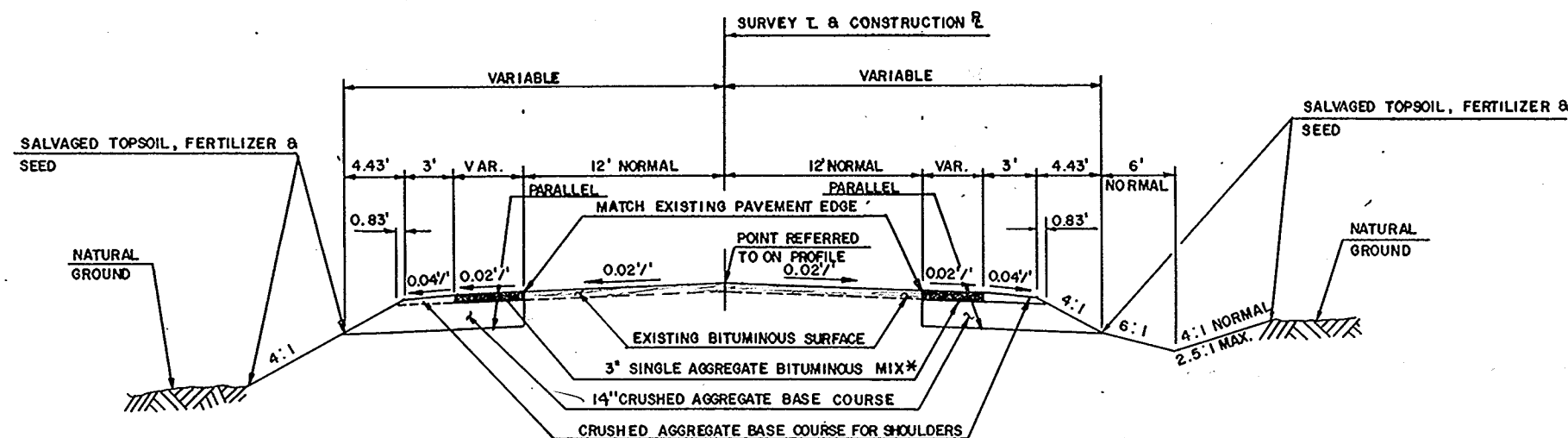
N-17

N-17

STATE PROJECT NUMBER	SHEET NO.
6027-2-71	2.0
TYPICAL SECTIONS, GENERAL NOTES, UTILITIES, AND STANDARD DETAIL DRAWINGS FOR C.T.H. "N" & "JJ"	
OUTAGAMIE CO.	



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



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

* 1 1/2" SURFACE COURSE
1 1/2" BINDER COURSE

GENERAL NOTES

THE LOCATION OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE UTILITIES SHALL ADJUST THEIR FACILITIES TO FIT THE NEW HIGHWAY CONSTRUCTION.

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

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

WHEN THE QUANTITY OF CRUSHED AGGREGATE BASE COURSE IS MEASURED

BY THE TON, DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

ALL DISTANCES ARE GROUND DISTANCES.

ALL BEARINGS ARE ASSUMED BEARINGS.

ALL TIES ON THIS PLAN ARE HORIZONTAL UNLESS DESCRIBED OTHERWISE.

PROPERTY LINES AS SHOWN ARE APPROXIMATE.

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

SALV. TOPSOIL SHALL BE USED ON AREAS WHERE SOO IS TO BE PLACED.

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

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

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

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

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

STANDARD DETAIL DRAWINGS

CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES	8D1 - 11
LAYOUT DETAILS FOR AT-GRADE SIDE ROAD INTERSECTIONS	9A1 - 60
CONCRETE BASES	9B3 - 4
CONSTRUCTION BARRICADES AND STANDARD SIGNS	15C1 - 7
PAVEMENT MARKING	15C8-1

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

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

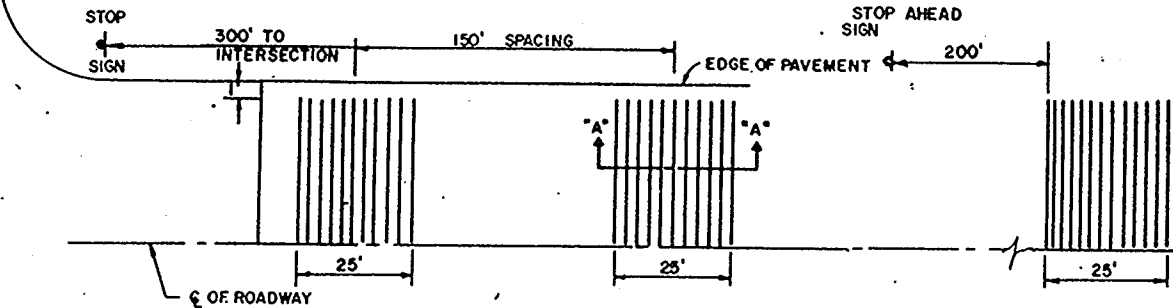
UTILITIES

TELEPHONE 1-414-735-0705

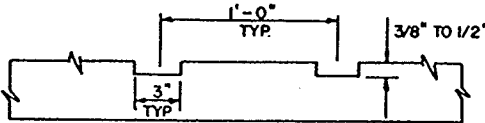
TELEPHONE 1-800-242-8511
TOLL FREE

TELEPHONE 1-414-735-3241

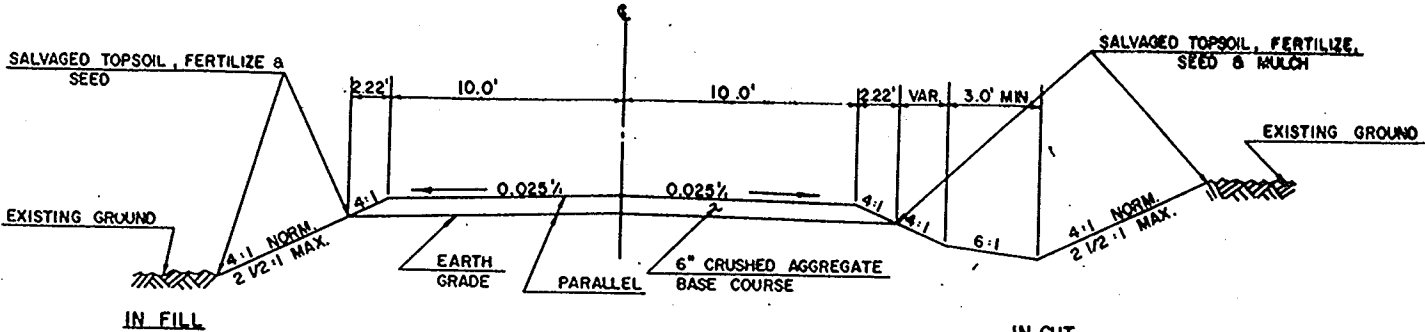
TELEPHONE 1-800-242-8511
TOLL FREE



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



SECTION "A-A"



TYPICAL CROSS SECTION
FOR
CRAGG. SURFACE P.E.

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

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

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

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

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

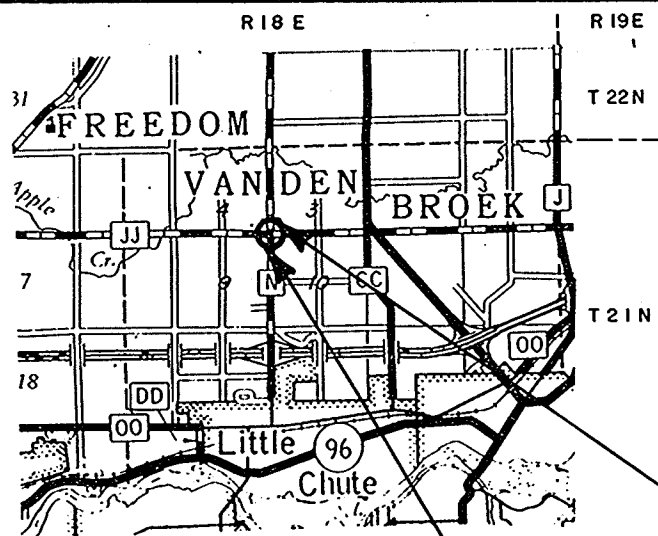
STOP SIGNS WITH FLASHING BEACONS ON CONC BASE, TYPE 1	
LOCATION	QUANTITY
SOUTHEAST QUADRANT	1
NORTHWEST QUADRANT	1

ESTIMATE OF QUANTITIES

DATE 04/08/87

PROJECT ID: 6027-02-71
OUTAGAMIE COUNTY
CTH "N" - CTH "JJ" INTERSECTION
CTH "N"

ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6027-02-71 QUANTITY
90001	GRADE, BASE, BITUMINOUS SURFACE, STOP SIGNS WITH BEACON, AND RUMBLE STRIPS	L.S.	1.00	1.00



STATE OF WISCONSIN OUTAGAMIE COUNTY HIGHWAY DEPARTMENT

PLAT OF RIGHT OF WAY REQUIRED FOR C.T.H. "N" AND "JJ" INTERSECTION

SCHEDULE OF LANDS AND INTERESTS REQUIRED

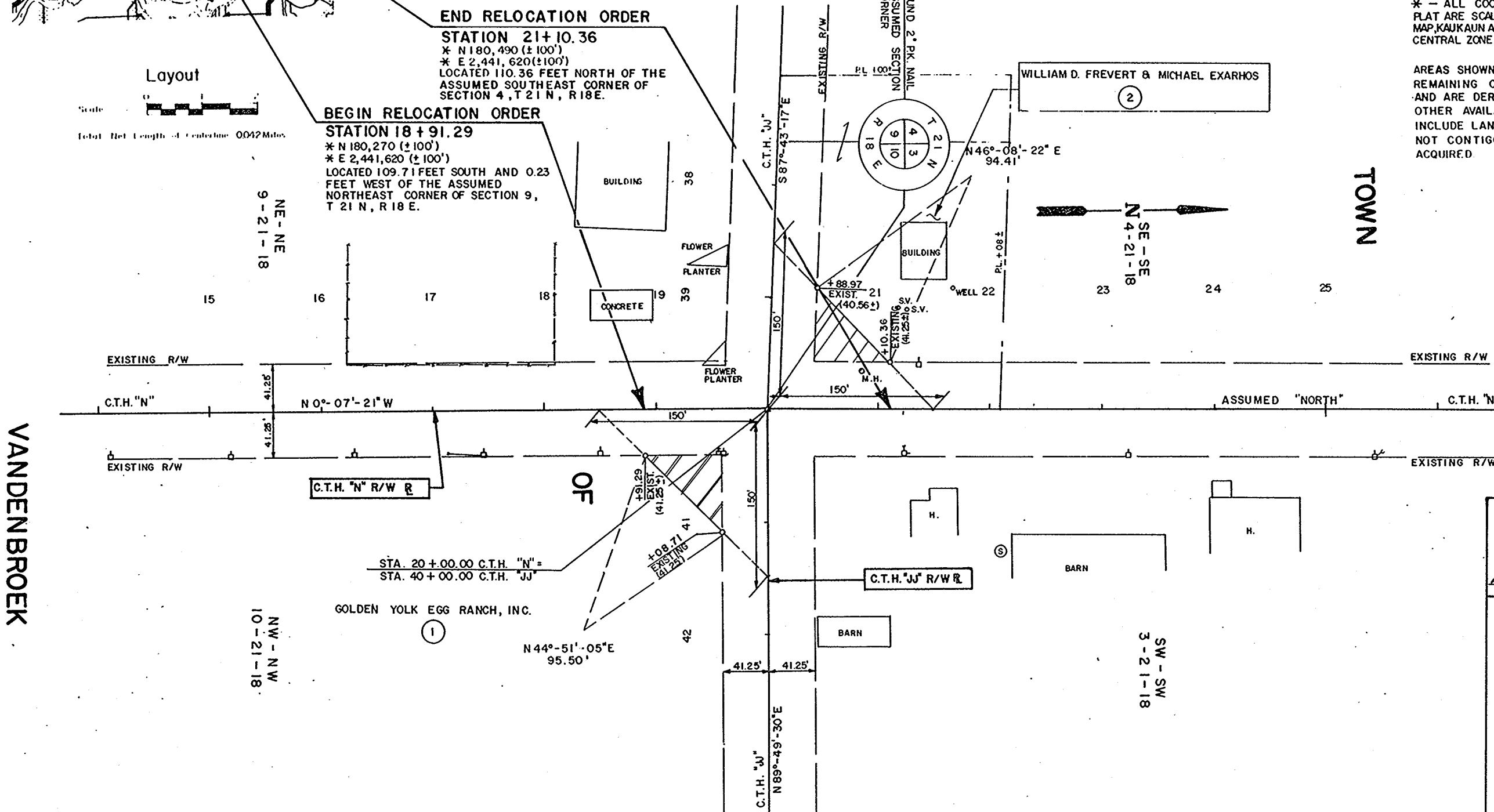
PARCEL NUMBER	OWNERSHIP	INTEREST REQUIRED	TOTAL ACRES OR SQUARE FEET	R/W ACRES OR SQUARE FEET			TOTAL ACRES REMAINING
				NEW	EXISTING	TOTAL	
1	GOLDEN YOLK EGG RANCH, INC.	FEE TITLE	40.00	0.05	0.17	0.22	39.78
2	WILLIAM D. FREVERT & MICHAEL EXARHOS	FEE TITLE	1.42	0.05	0.17	0.22	1.20
3							
4							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

REVISION DATE	R/W PROJECT NUMBER 6027-2-00	SHEET NUMBER 4.0
	FEDERAL PROJECT NUMBER	
	PLAT OF RIGHT OF WAY REQUIRED FOR C.T.H. "N" & "JJ" INTERSECTION OUTAGAMIE CO.	
	SCALE 0 50 100 Ft.	DATE
	CONSTRUCTION PROJECT NUMBER 6027-2-71	4.0

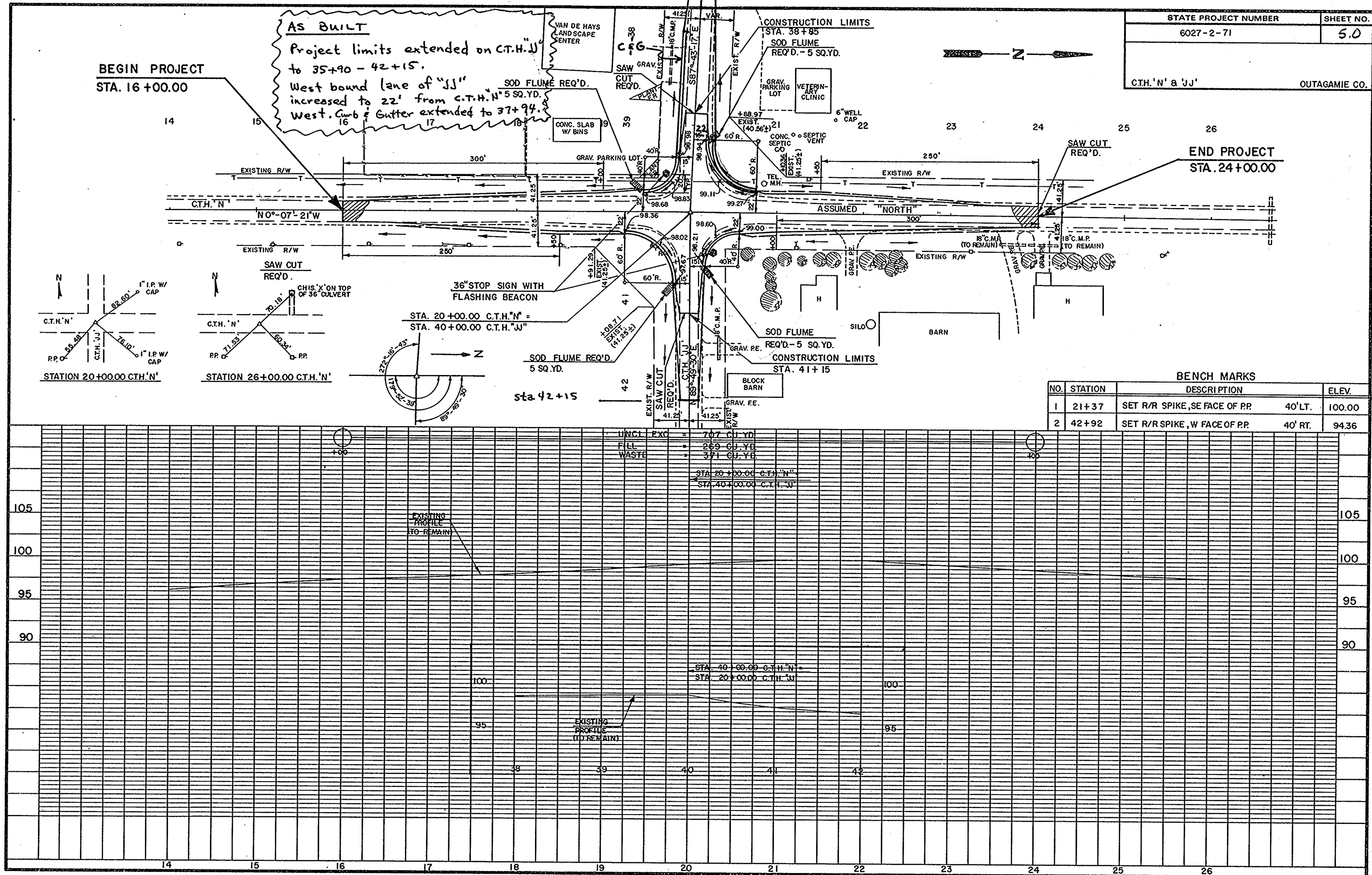
NOTE: ALL BEARINGS SHOWN ON THIS PLAT
ARE ASSUMED BEARINGS OF EACH TANGENT
TO THE NEAREST SECOND.

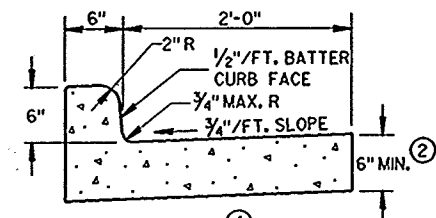
* - ALL COORDINATES SHOWN ON THIS
PLAT ARE SCALED FROM U.S.G.S. TOPOGRAPHIC
MAP, KAUKAUNA, WI, 7.5 MINUTE QUADRANGLE,
CENTRAL ZONE, FOR IDENTIFICATION ONLY.

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

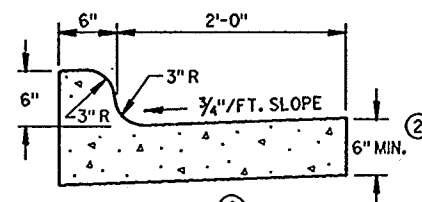


APPROVED FOR OUTAGAMIE COUNTY	
DATE 11-21-95	Signed: <i>Michael Exarhos</i> COUNTY HIGHWAY COMMISSIONER
PLAT PREPARED BY AYRES ASSOCIATES CONSULTING ENGINEERS GREEN BAY, WISCONSIN	

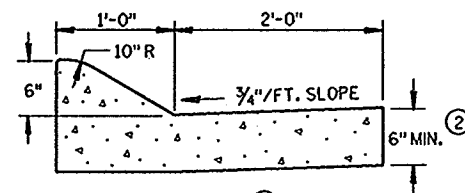




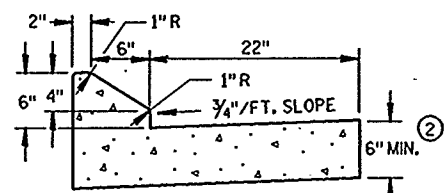
TYPES A & D



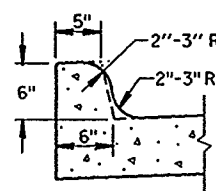
TYPES K & L



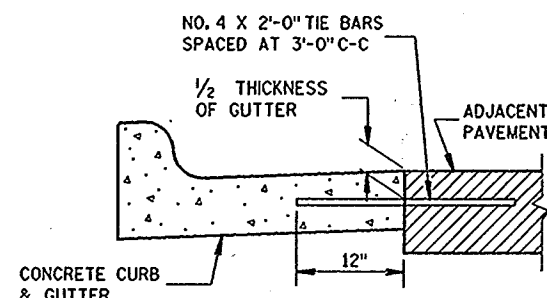
TYPES A & D
CONCRETE CURB & GUTTER 36"



TYPES G & J

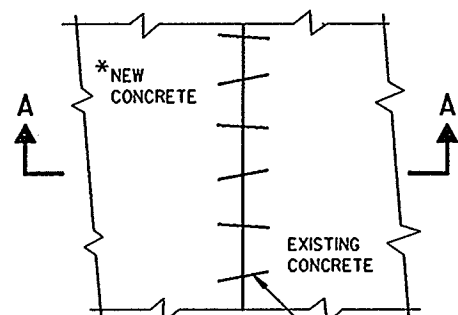


OPTIONAL CURB SHAPE
FOR TYPES K & L



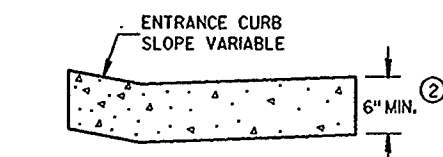
TYPICAL TIE BAR LOCATION

CONCRETE CURB & GUTTER 30"

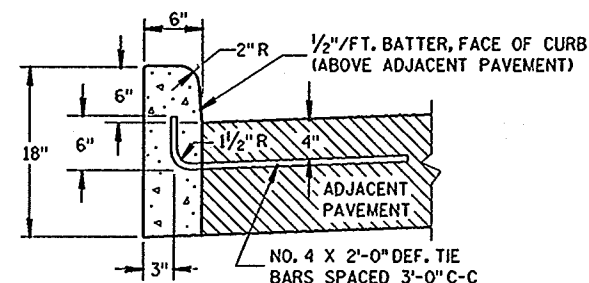


PLAN VIEW

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

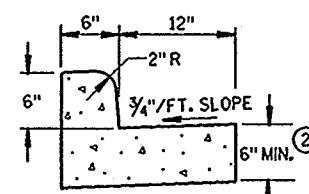


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

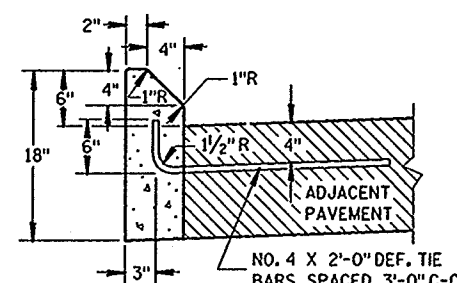


TYPES A & D

CONCRETE CURB



TYPES A & D
CONCRETE CURB & GUTTER 18"



TYPES G & J

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEALANT IS NOT REQUIRED IN THE JOINTS OF CONCRETE CURB OR CONCRETE CURB & GUTTER EXCEPT AS REQUIRED FOR INTEGRAL GUTTER.

PAVEMENT TIES ARE REQUIRED, WHEN INCLUDED IN THE CONTRACT, WHERE CONCRETE CURB, CONCRETE CURB AND GUTTER OR CONCRETE PAVEMENT IS PLACED ADJACENT TO EXISTING CONCRETE.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.4 OF THE STANDARD SPECIFICATIONS.

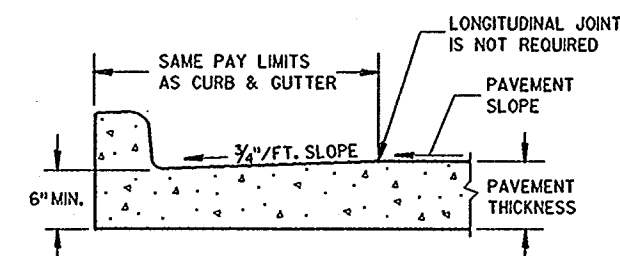
INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. TIE BARS AND A LONGITUDINAL CONSTRUCTION JOINT ARE NOT REQUIRED WITH THIS ALTERNATE.

PAVEMENT JOINTS SHALL BE EXTENDED THROUGH INTEGRAL CURB & GUTTER. JOINTS IN INTEGRAL GUTTER SHALL HAVE THE SAME DIMENSIONS AS THE JOINTS IN THE ADJACENT PAVEMENT. JOINTS IN INTEGRAL CURB SHALL BE 1/8" WIDE.

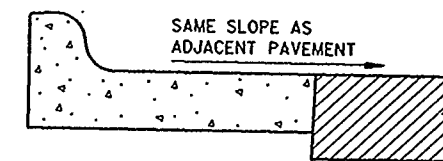
JOINTS IN INTEGRAL CURB & GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME SEALANT SPECIFIED FOR THE PAVEMENT JOINT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB & GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE TWO FEET BEHIND THE BACK OF CURBS.

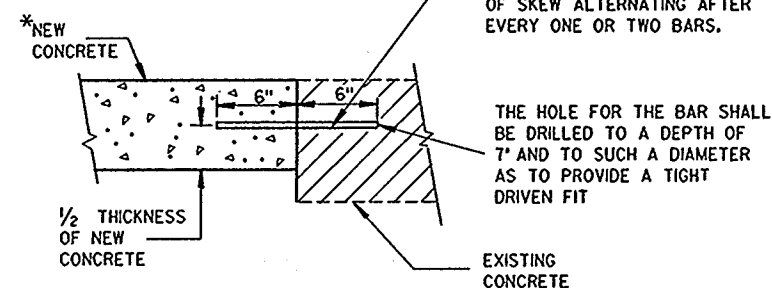
- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G AND K.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATIONS WILL BE SHOWN ELSEWHERE IN THE PLAN.



PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



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



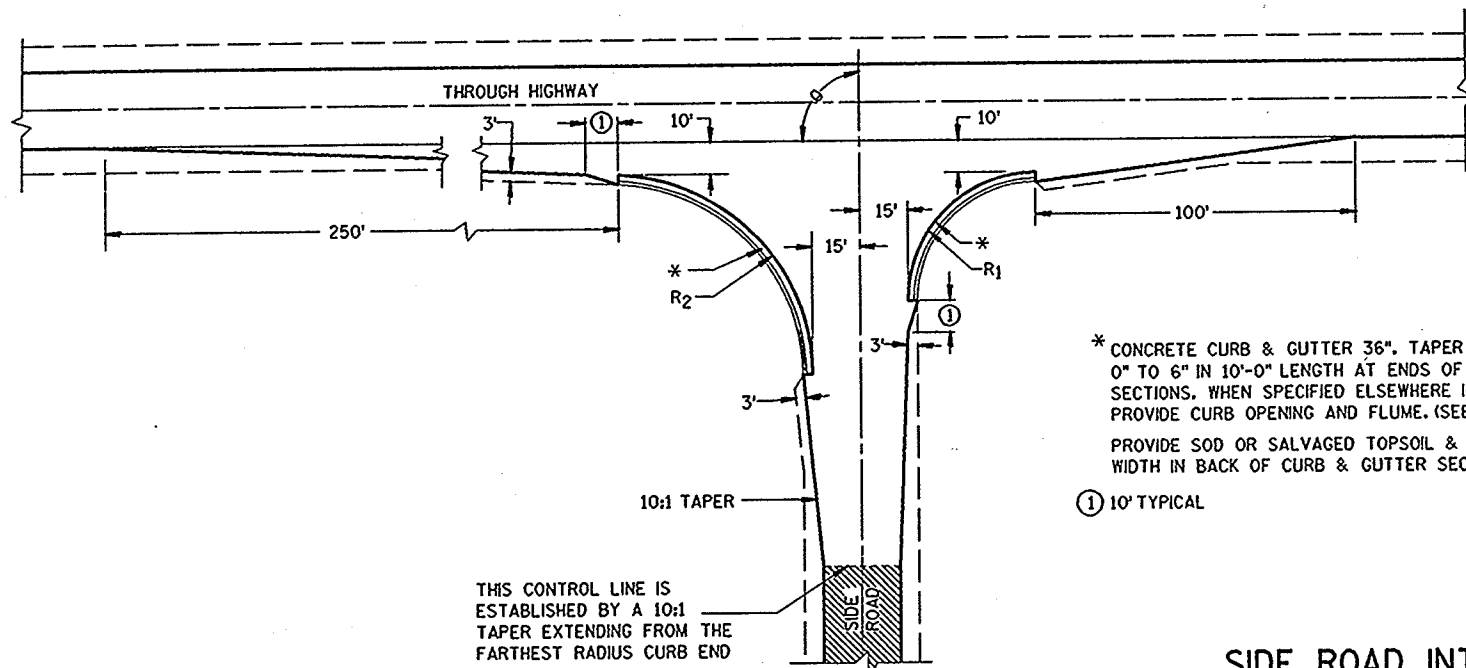
SECTION A-A
PAVEMENT TIES

CONCRETE CURB, CONCRETE
CURB & GUTTER AND
PAVEMENT TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-23-86
DATE
FHWA

STATE DESIGN ENGINEER FOR HWYS

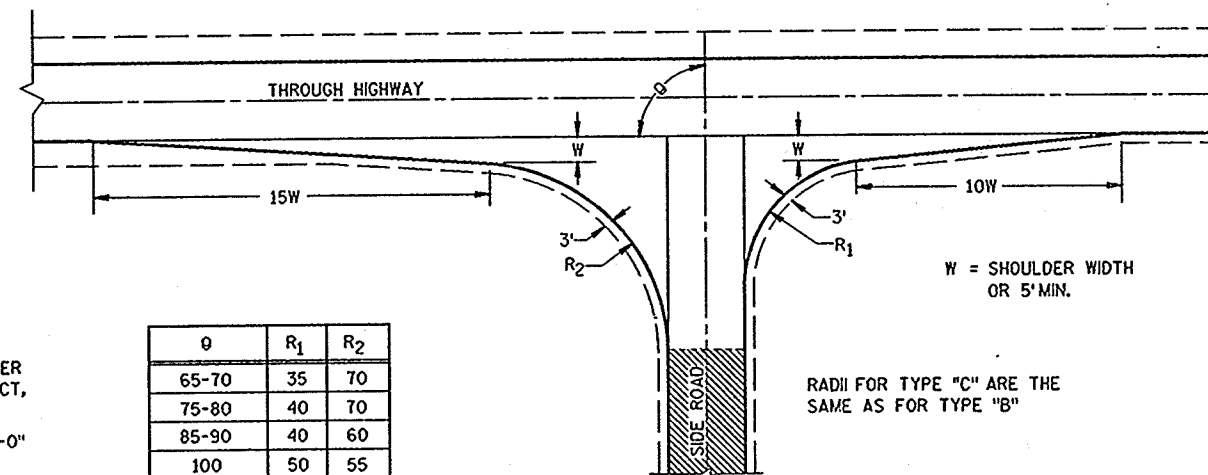


* CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME. (SEE DETAIL).

PROVIDE SOD OR SALVAGED TOPSOIL & SEED TO A 3'-0" WIDTH IN BACK OF CURB & GUTTER SECTIONS.

① 10' TYPICAL

TYPE "B"



TYPE "C"

θ	R ₁	R ₂
65-70	35	70
75-80	40	70
85-90	40	60
100	50	55
105-110	60	45

SIDE ROAD INTERSECTIONS DETAILS

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

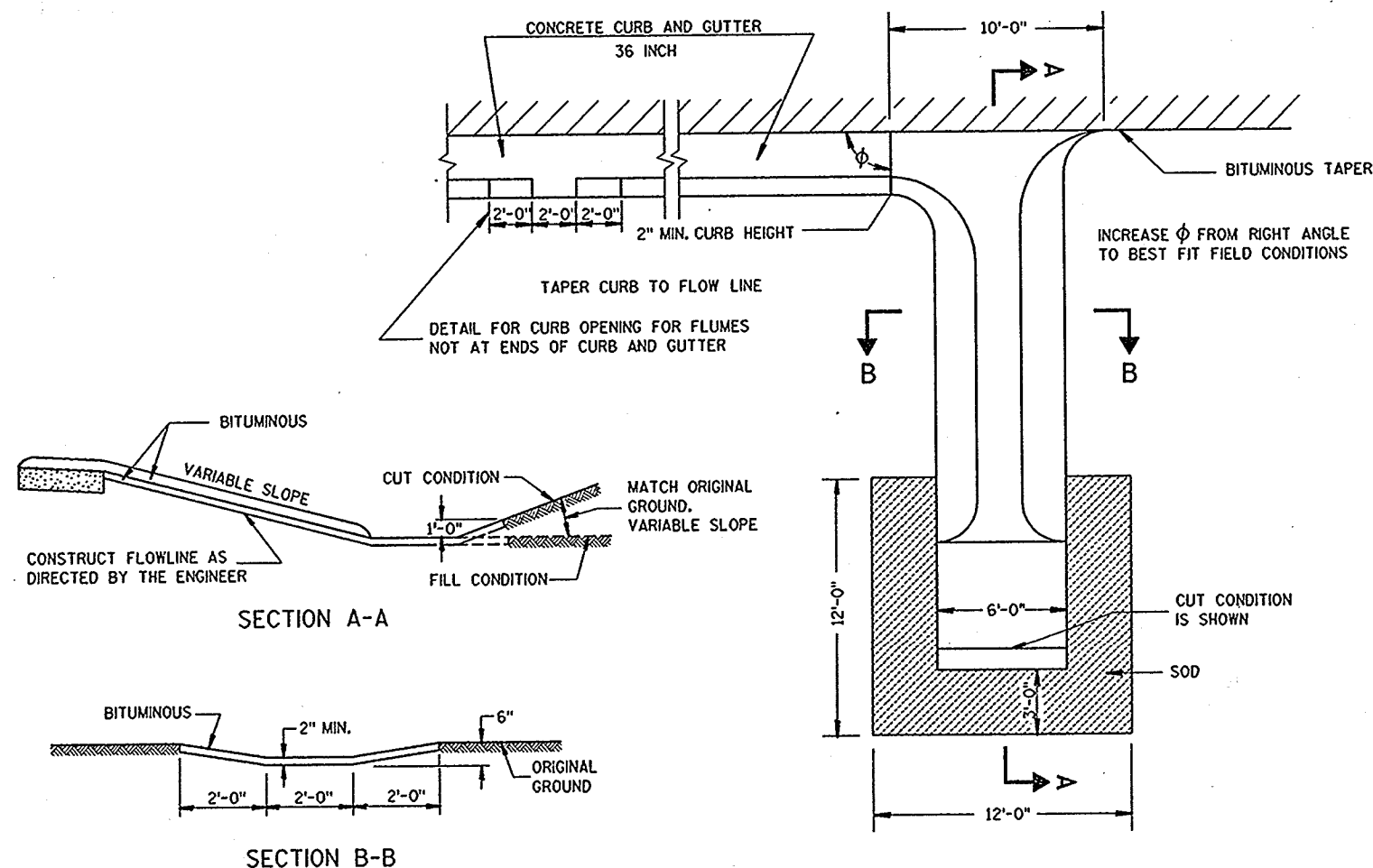
SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN, WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

EXISTING SURFACE



DETAIL OF BITUMINOUS FLUME AT TERMINAL END OF CURB AND GUTTER

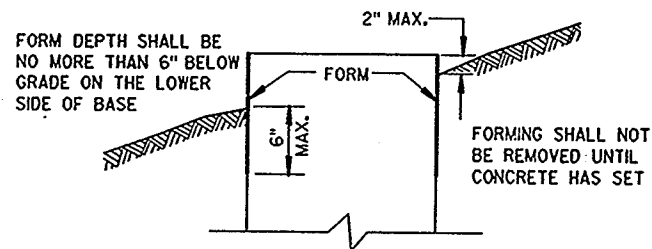
AT-GRADE SIDE ROAD
INTERSECTION, TYPES "B" AND "C"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8-29-86
DATE

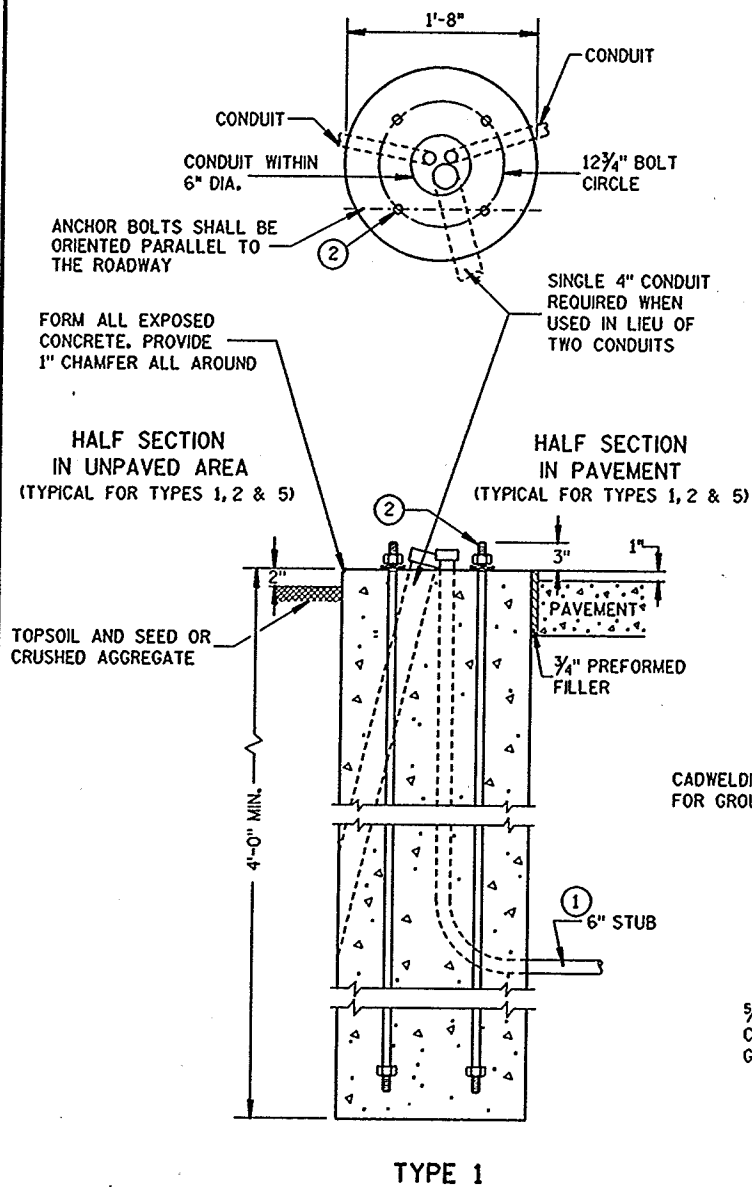
STATE DESIGN ENGINEER FOR HWYS

FHWA

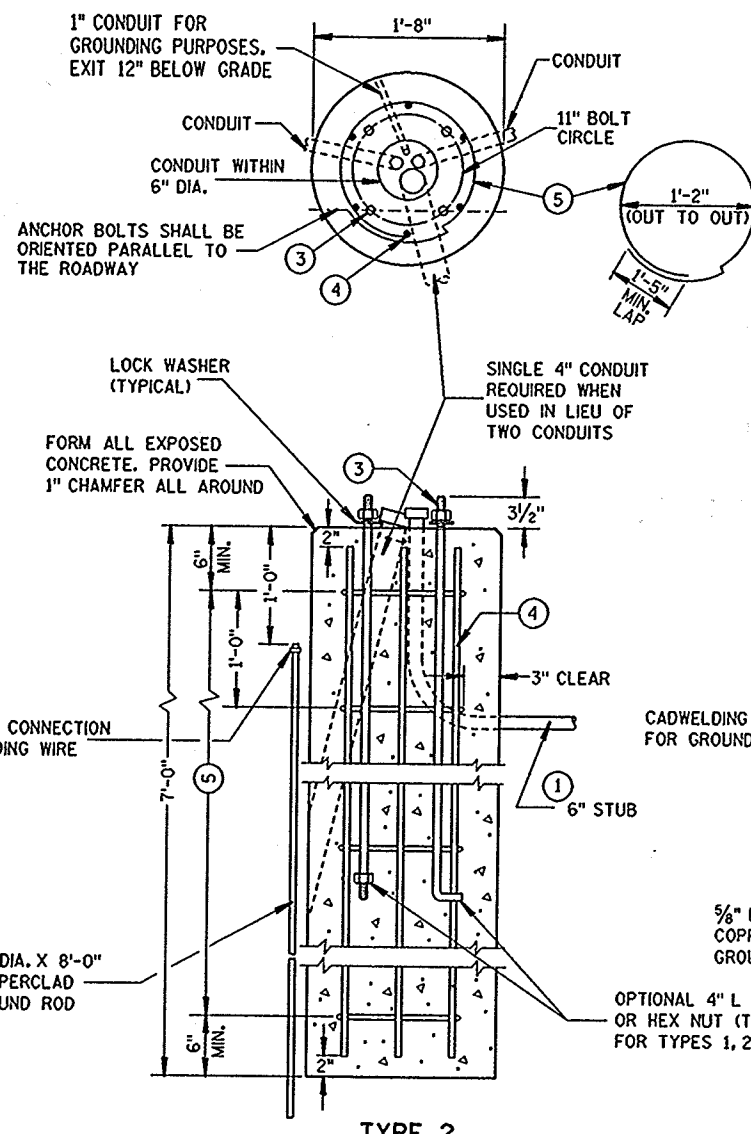


FORMING DETAIL

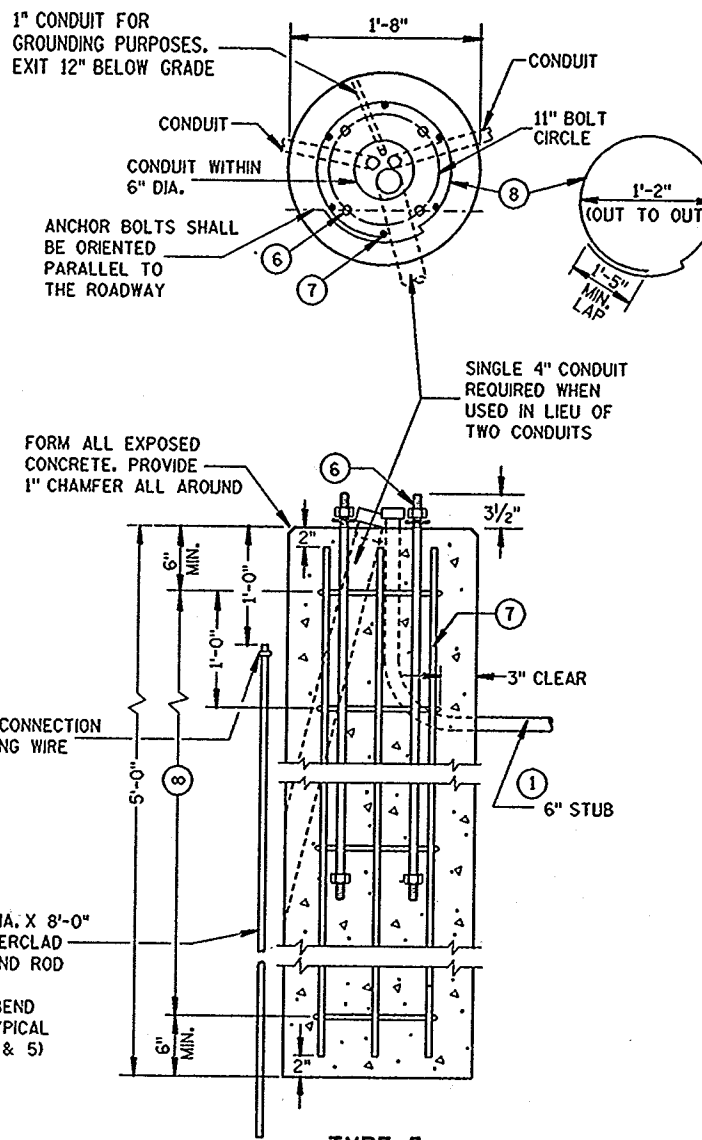
QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5
APPROX. CUBIC YARDS OF CONCRETE	.32	.57	.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18



TYPE 1



TYPE 2



TYPE 5

CONCRETE BASES

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED AND LEVEL.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL BE CAPPED OR PLUGGED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 6 AWG, STRANDED COPPER GROUNDING WIRE SHALL BE CADWELDED TO THE GROUND ROD FOR TYPE 2 AND TYPE 5 BASES.

THE GROUNDING WIRE SHALL ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE GROUNDING WIRE SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

WHEN ANCHOR BOLTS USING THE ALTERNATE L BEND ARE FURNISHED, THE 4\"/>

- 1 DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES.
- 2 (4) 1\"/>

CONCRETE BASES

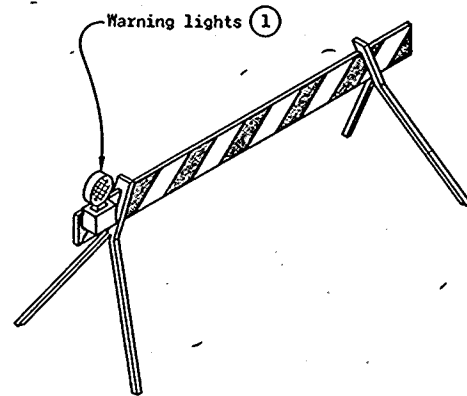
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7-7-86
DATE
FHWA

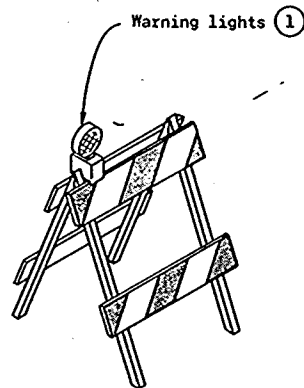
STATE TRAFFIC ENGINEER FOR HWYS

TABLE OF BARRICADE CHARACTERISTICS			
BARRICADE TYPE	I	II	III
Height	3' Minimum		5' Minimum
*Rail Width	8" Minimum to 12" Maximum		
Rail Length	2' Minimum		4' Minimum
**Stripe Width	6" at 45° Angle		
Stripe Colors	Reflectorized Orange & White		

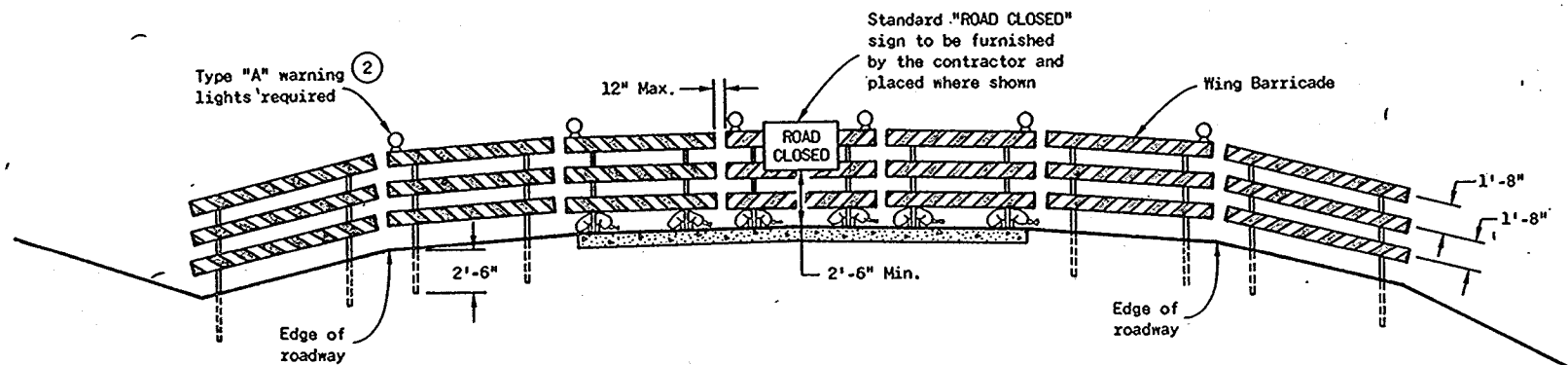
* Nominal dimensions when barricade is constructed of lumber.
 ** Shall be 4" for rail lengths less than 3'.



TYPICAL TYPE I BARRICADE

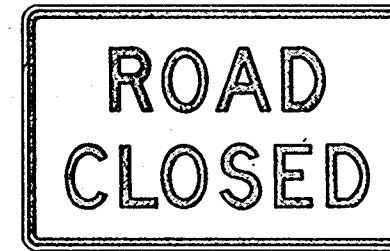


TYPICAL TYPE II BARRICADE



TYPICAL INSTALLATION SHOWING TYPE III BARRICADE

CONSTRUCTION BARRICADES



R11-2
48" x 30"

Black Lettering on Reflective
White Background
Letter Series "D"
Letter height 8"



W20-3
48" x 48"

Black Lettering on Reflective
Orange Background
Letter Series "D"
Letter height 7"

STANDARD SIGNS - TYPE II

GENERAL NOTES

The contractor shall furnish, erect and maintain barricades and signs. Details regarding location, spacing, dimensions, fabrication, material, sign lettering, lighting devices and color of barricades and signs shall conform to this drawing, the Manual On Uniform Traffic Control Devices, the Standard Specifications, Special Provisions and/or plans.

Type III Barricades and Signs shall be erected at the termini of projects and at other road or street locations where it is necessary to control or eliminate public access to the construction area.

Type I and II Barricades shall be used on projects when traffic is to be maintained through the construction area.

The actual field location of barricade installations and advance signs shall be as directed by the Engineer.

Each barricade shall have the name and telephone number of a person responsible for 24 hour emergency service printed in letters at least 3/4 inch in height on the barricade rails. Prior to May 1, 1983, such information may be shown on either front or back faces of the barricade rails. After May 1, 1983, all printed information or identification markings shall be shown only on the back side of barricade rails.

Type I Barricades may include other unstriped horizontal panels necessary to provide stability.

On high speed expressways or in other situations where barricades may be susceptible to overturning in the wind, sandbags should be used for ballasting. Sandbags may be placed on lower parts of the frame or stays to provide the required ballast but shall not be placed on top of any striped rail.

- 1 Unless otherwise provided elsewhere in the contract, warning lights are required on all barricades which will be located near traffic operations during periods of inclement weather or hours of darkness. Barricades used to shield isolated hazards shall be equipped with Type "A" (low intensity - flashing) lights unless Type "B" (high intensity) - flashing lights are specified elsewhere in the contract documents. Barricades used for channelization or delineation of the travel path shall be equipped with Type "C" (steady burn) lights except for the initial barricade(s) in sequence, which shall be equipped with Type "A" or "B" lights as previously noted.
- 2 Two warning lights shall be provided on the center barricade and at least one warning light shall be provided on each of the other barricades within the roadway limits. Spacing of the warning lights shall be uniform to the edge of roadway as shown.

CONSTRUCTION BARRICADES & STANDARD SIGNS

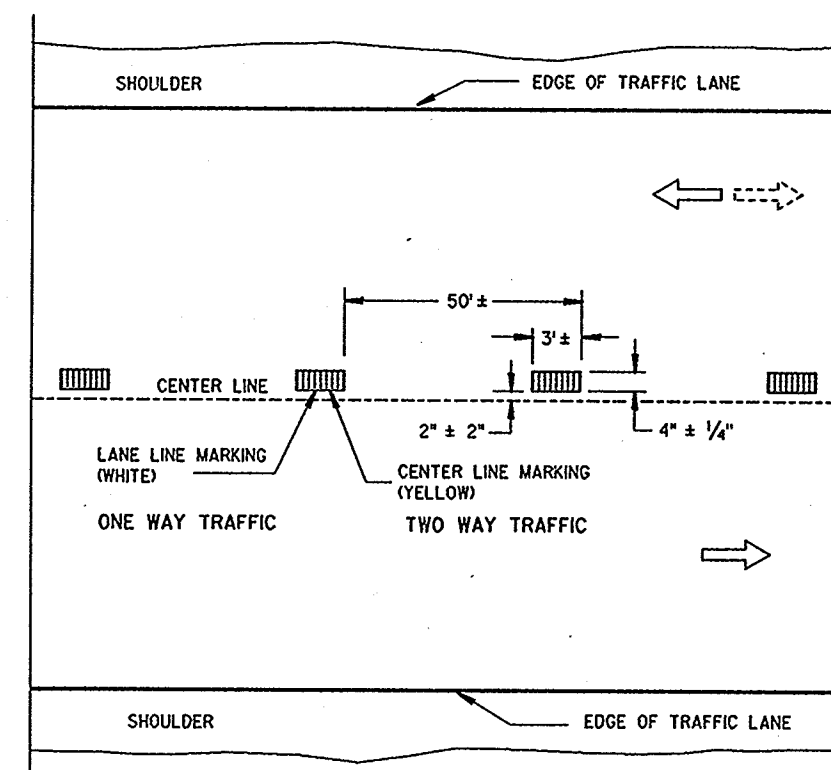
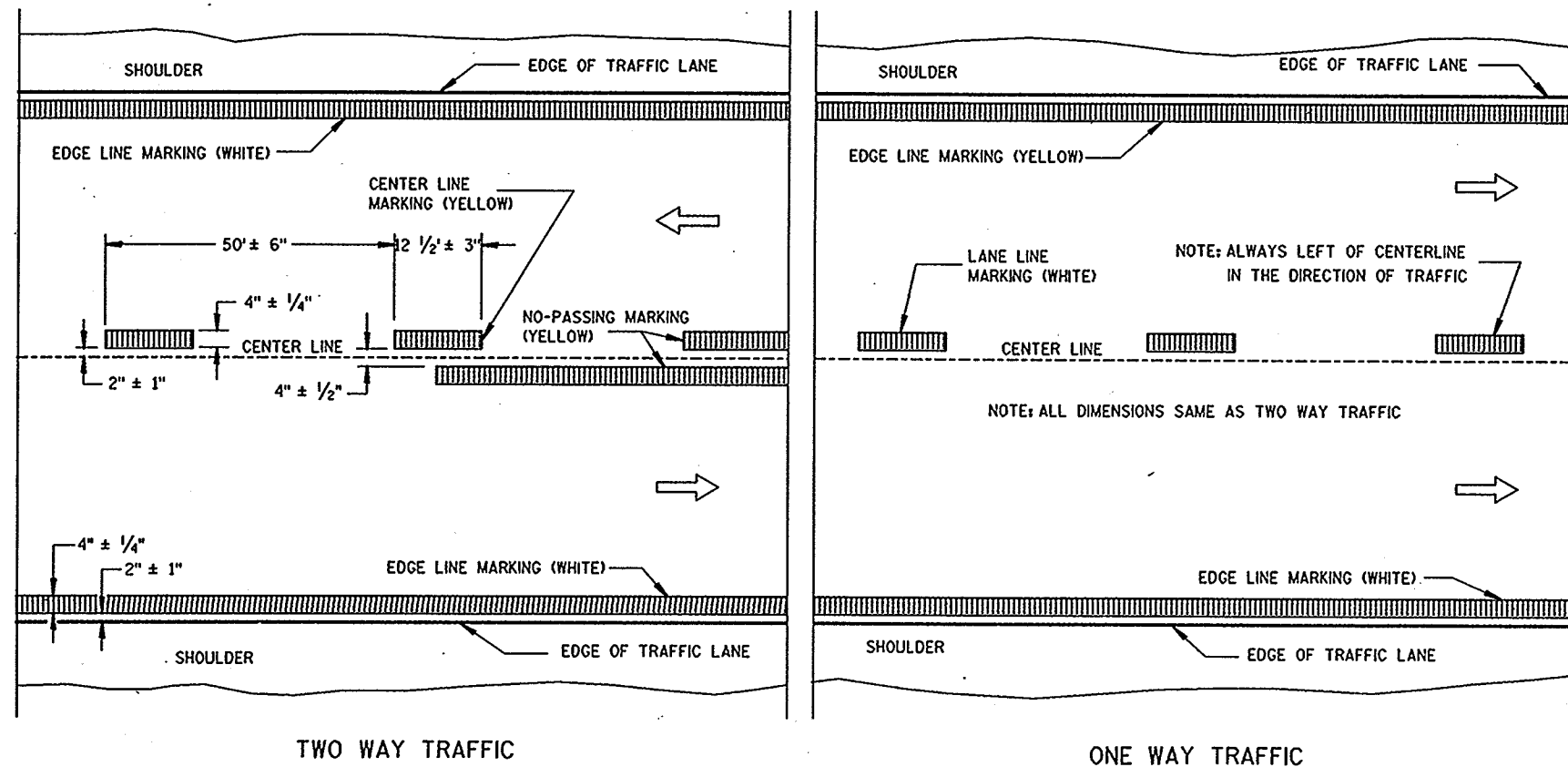
State of Wisconsin
Department of Transportation

APPROVED
9-14-81
DATE

D. J. Strand
CHIEF DESIGN ENGINEER

FHWA

S.D.D. 15 C 1-7



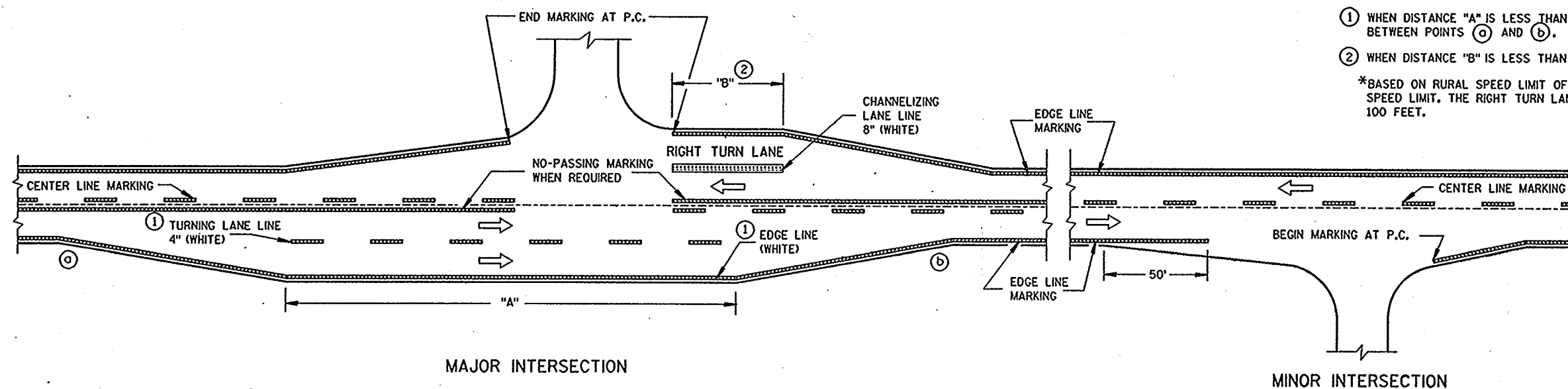
GENERAL NOTES

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

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

- ① WHEN DISTANCE "A" IS LESS THAN 250 * FEET, OMIT TURNING LANE MARKING AND EDGE LINE BETWEEN POINTS (a) AND (b).
- ② WHEN DISTANCE "B" IS LESS THAN 150 * FEET, OMIT CHANNELIZING LANE LINE.

*BASED ON RURAL SPEED LIMIT OF 55 MPH. REDUCE VALUES IN PROPORTION TO POSTED SPEED LIMIT. THE RIGHT TURN LANE SHOULD HAVE A DESIRABLE MINIMUM LENGTH OF 100 FEET.

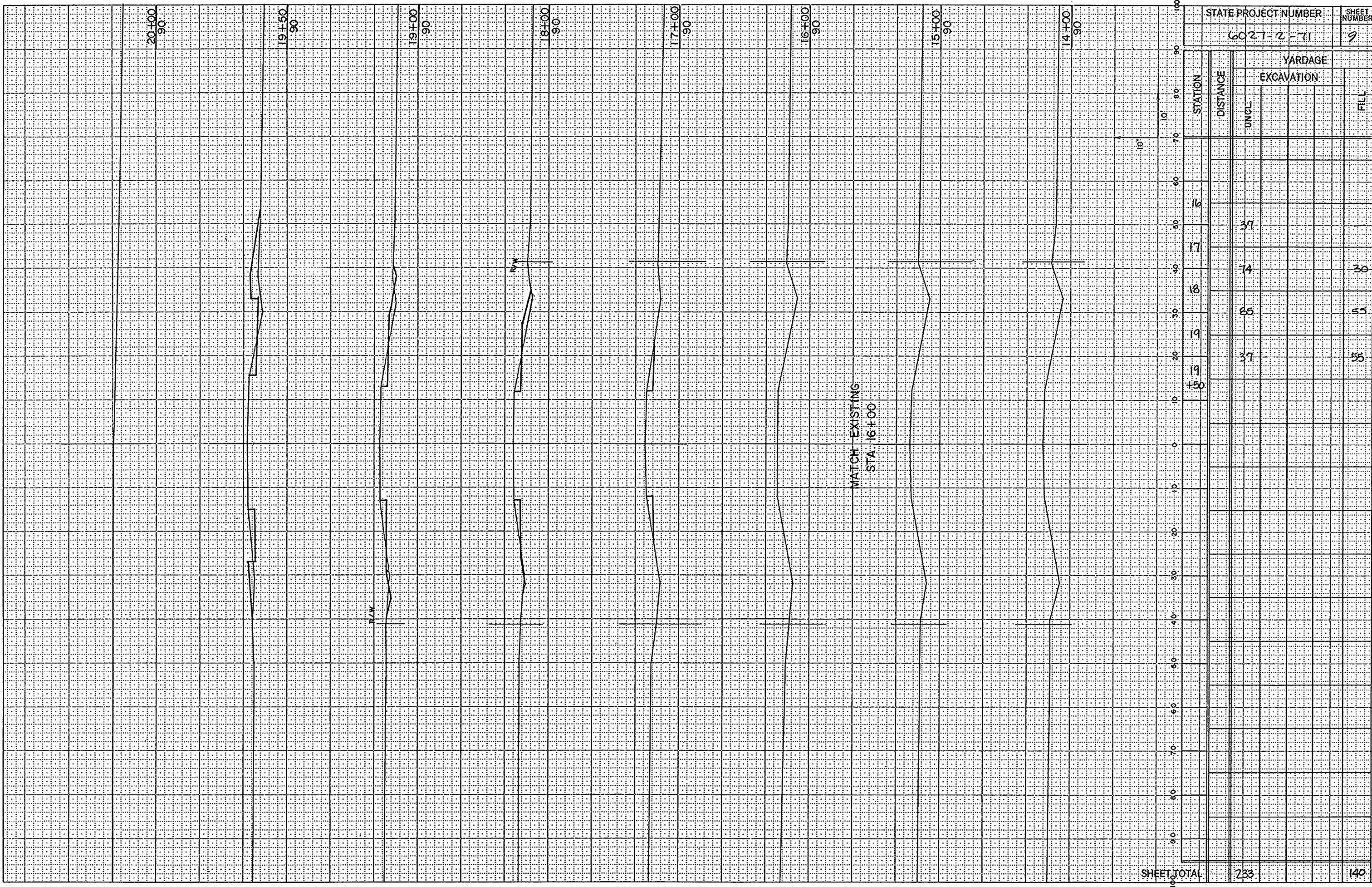


STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

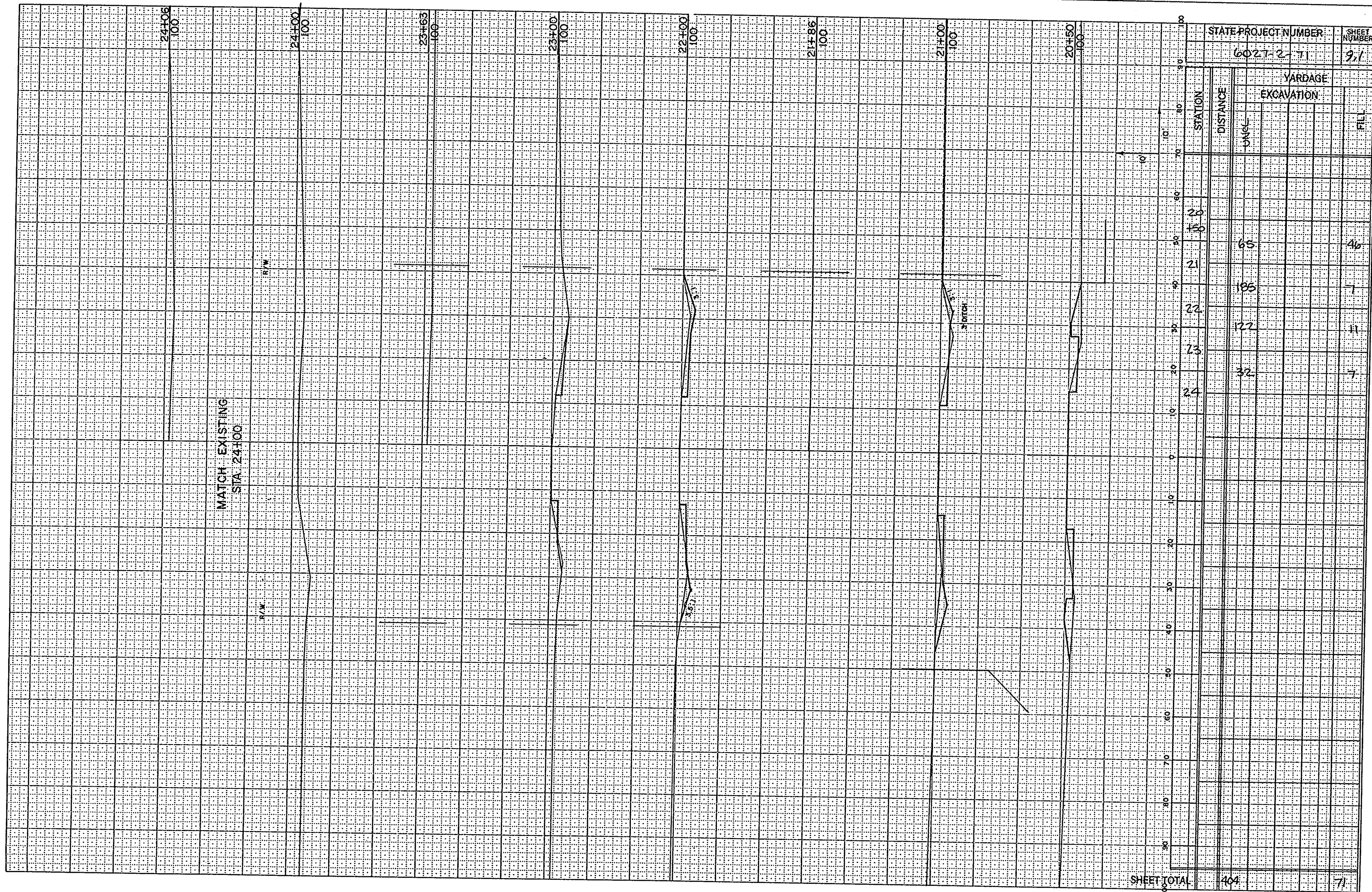
APPROVED
5-23-86
DATE


STATE TRAFFIC ENGINEER FOR HWYS

FWWA



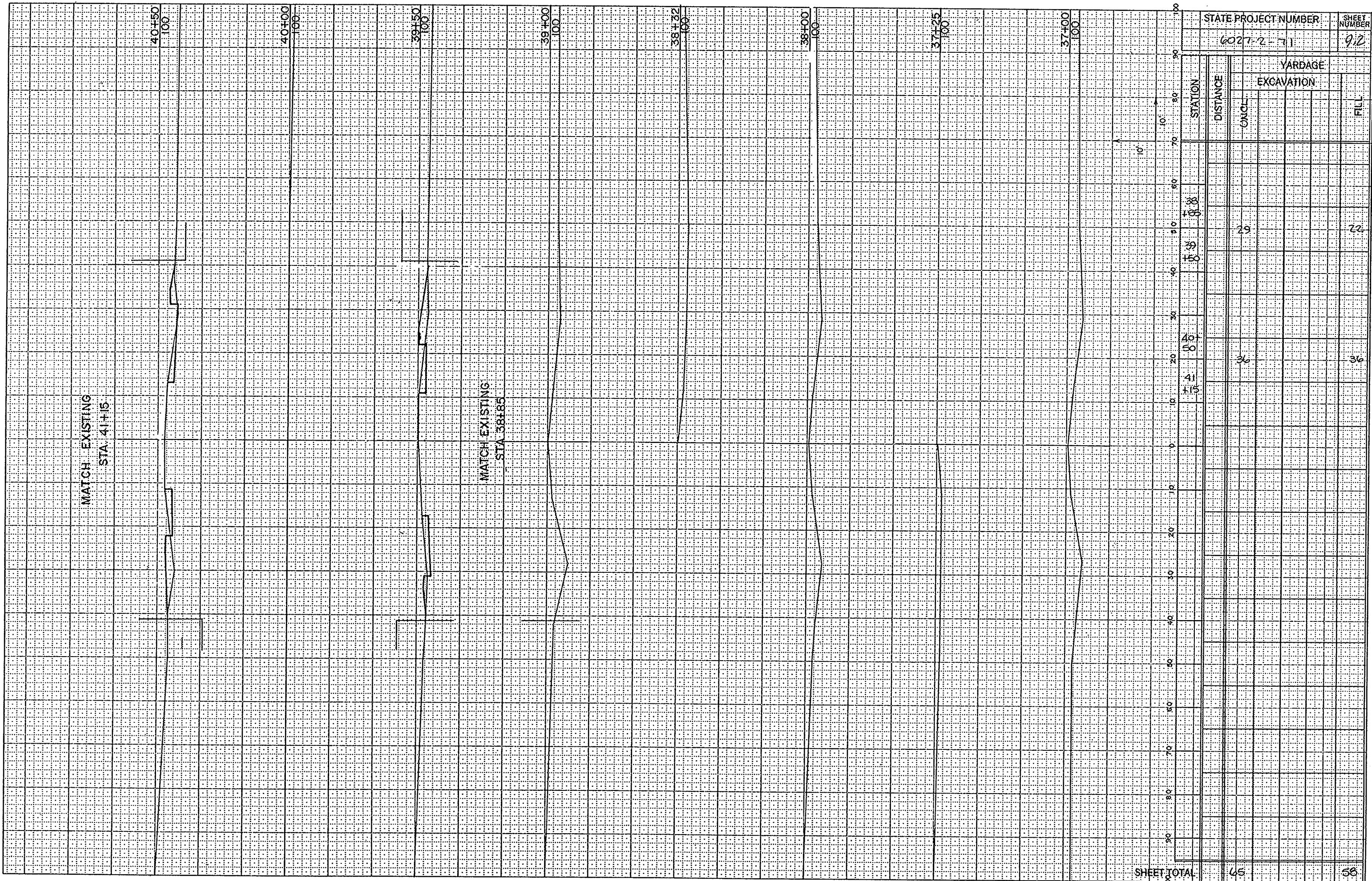
STATE PROJECT NUMBER		SHEET NUMBER
6021-2-11		2
STATION	YARDAGE	
	EXCAVATION	FILL
16		
17	37	
18	14	20
19	68	55
20	37	55
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
SHEET TOTAL		140



STATE PROJECT NUMBER: 6027-2-T1
SHEET NUMBER: 9.1

STATION	DISTANCE	VARDAGE			
		EXCAVATION			FILL
		UNCL			
20	0				
21	0	65			46
22	0	185			7
23	0	122			11
24	0	32			7
	10				
	20				
	30				
	40				
	50				
	60				
	70				
	80				
	90				

SHEET TOTAL: 404
71



STATE PROJECT NUMBER				SHEET NUMBER
6027-2-71				9/2
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		ONCL		
38+85		29		22
39+50				
40+00		36		36
41+15				