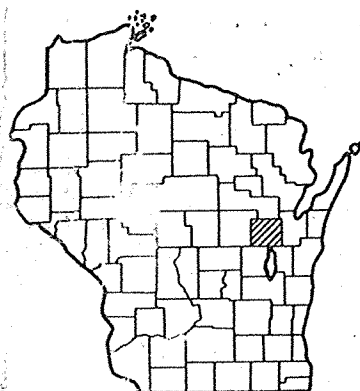


Index of Sheets

Sheet No. 1	Title
Sheet No. 2-2.1	Typical Sections and Details
Sheet No. 3-3.1	Estimate of Quantities
Sheet No. 3A&3B	Miscellaneous Quantities
Sheet No. 4	Right of Way Plat
Sheet No. 5-5.1	Plan and Profile
Sheet No. 6-6.3	Standard Detail Drawings
Sheet No. 7	Standard Sign Plates
Sheet No. 8	Structure Plans
Sheet No. 9	Computer Earthwork Data
Sheet No. 9-9.3	Cross Sections

TOTAL SHEETS = 17



Design Designation

A.D.T. (1987)	= 12,575
A.D.T. (2007)	= 17,075
D.H.V. (2007)	= 1,434
D.	= 60-40
T. (DHV)	= 6%
V.	= 55 MPH

Convention Signs

County Line	-----	Caution Symbol (Combustible fluids under pressure)	
Township or Range Line	-----	Railroads	+++++
Section Line	-----	Fence	-X-X-
Corporate or City Limits	////	Culverts in Place	-----
Property Line	-----	Culverts Required	-----
Eut Line	-----	Power Pole	-----
Existing R. Way Line	-----	Telephone or Telegraph Pole	-----
New Right of Way Lin	-----	Right of Way Markers	-----
Base of Survey Line	-----	Marsh	-----
Slope Intercept	-----	Wooded Area	-----
Existing Roadway or Private Entrance	-----	Grade Elevation	-----

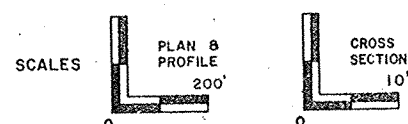
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

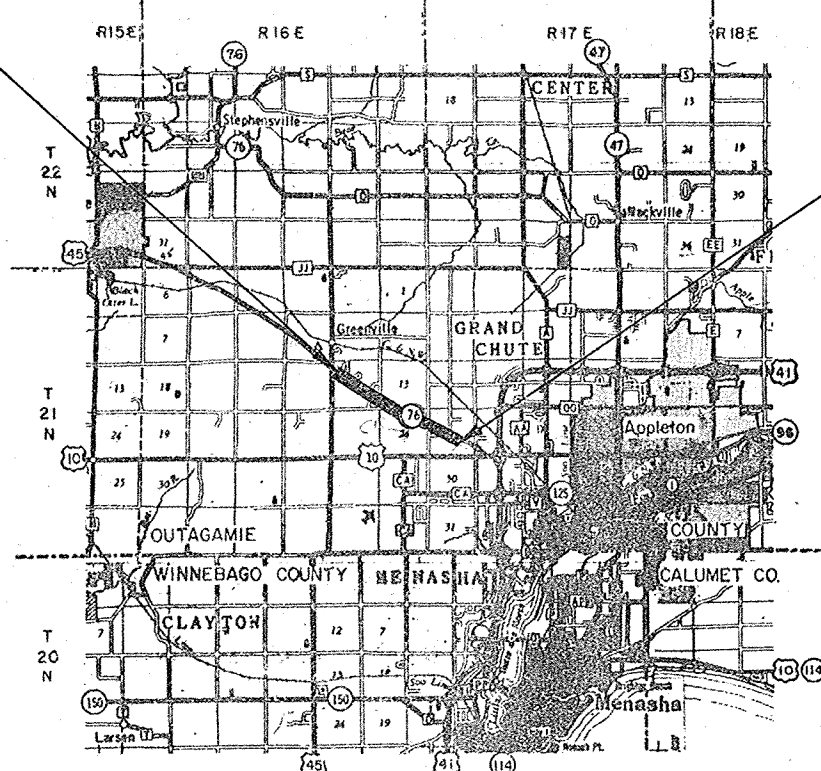
U.S.H. 10 - U.S.H. 45

S.T.H. 76
OUTAGAMIE COUNTY

STATE PROJECT NUMBER
1146-3-71



END OF PROJECT
STA. 198+70



BEGINNING OF PROJECT
STA. 40+00
X = 2,397,627.421
Y = 165,859.910



Total Net Length of Centerline = 3.006 Mi.

SURVEY BOOK NO'S 1356, 1356A

STATE PROJECT

1146-3-71

FEDERAL PROJECT

PROJECT
MAF 07(22)

CONTRACT

1

As Built

AS BUILT PLAN
NO.

SUPPLIER DEANIS H. PAULI
DESIGNER RALPH FORSETH
CONTRACTOR PAYNE & DOLAN, INC.
COMPLETED 10-01-87

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Surveyor J.R.T. District Checker D.H.C.
Designer T.R.K. C. O. Checker NRA
District Supervisor R.L.S. C. O. Coordinator [Signature]

Approved:

Date 8/24/86 T.R. Clark
District Transportation Director

Approved:

Date 10/1/86 [Signature]
for STATE DESIGN ENGINEER FOR HWYS.

Approved:

Date 10/14/86 E.J. Byrkit
Director of Development

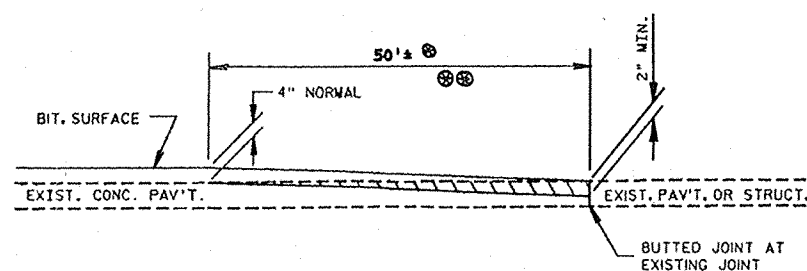
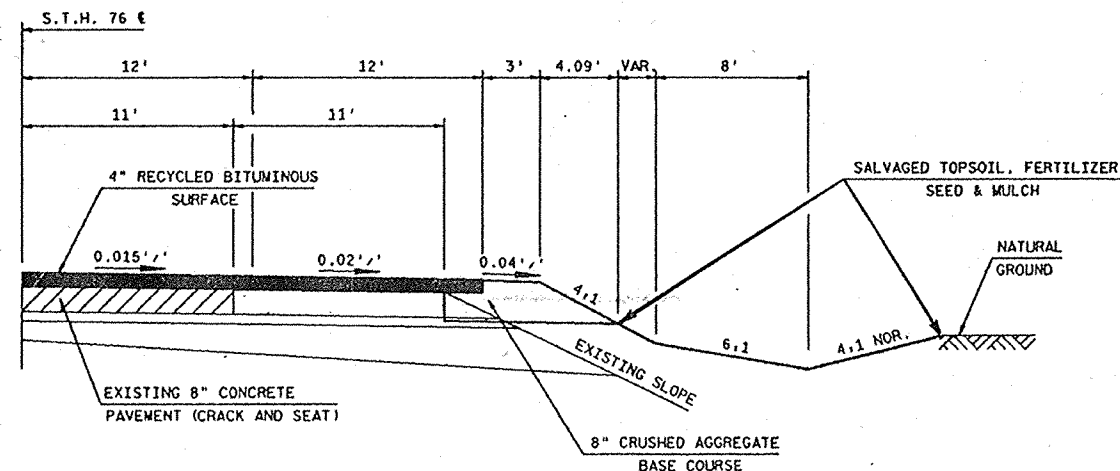
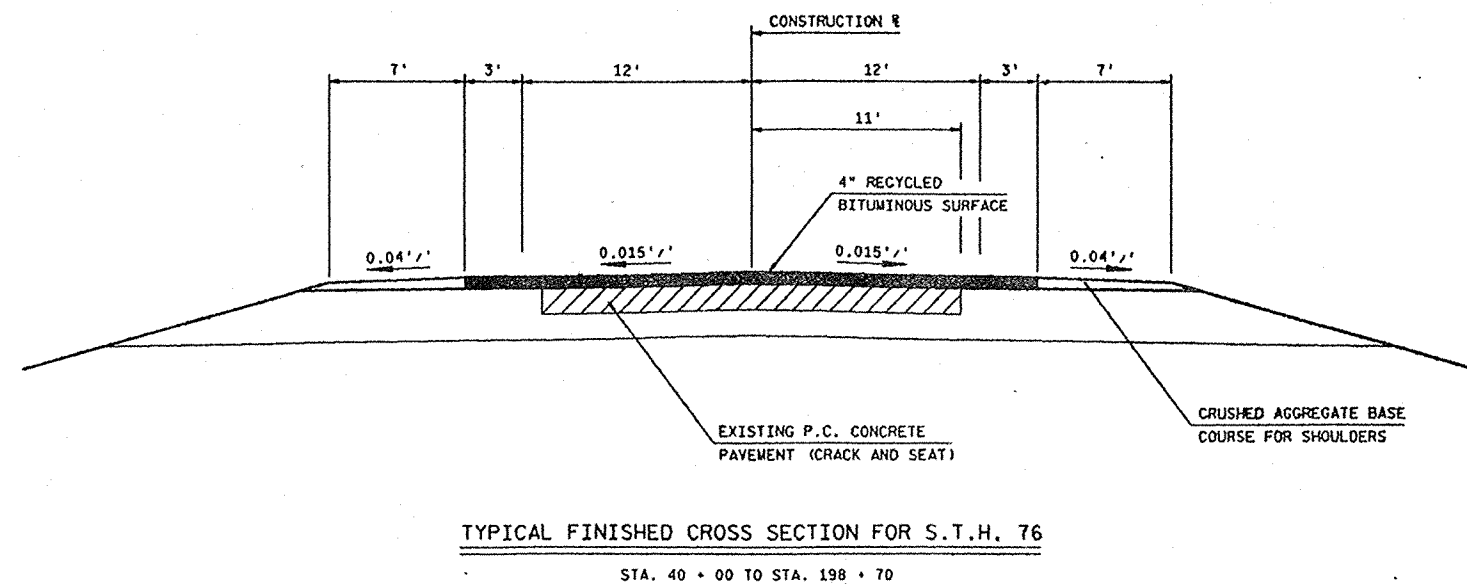
U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 5 WISCONSIN

Appr:

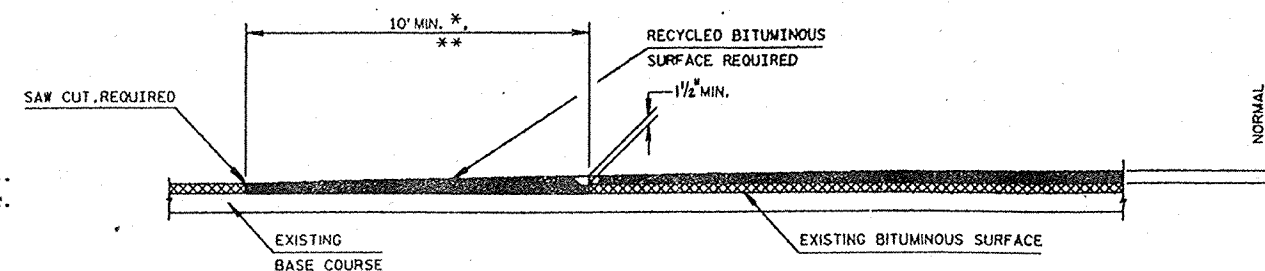
NOTE: ALL COORDINATES SHOWN ON THE PLANE ARE
REFERENCED TO THE WISCONSIN COORDINATE
SYSTEM, CENTRAL ZONE.

GV-3

GV-3



NOTE: * EXACT DIMENSION TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
** SHALL BE PAID FOR AS REMOVING CONCRETE PAVEMENT, BUTT JOINTS.



NOTE: * EXACT DIMENSION TO BE DETERMINED BY ENGINEER IN THE FIELD.
** SHALL BE PAID FOR AS REMOVING BITUMINOUS SURFACE, BUTT JOINTS.

GENERAL NOTES

WHEN THE QUANTITY OF CRUSHED AGGREGATE BASE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE 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.

CURB HEIGHTS AT THE END OF CURB AND CUTTER SHALL BE TAPERED FROM 0 TO 6 INCHES IN 10 FEET.

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 2 FEET PER STATION FOR ROUNDING.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE UTILITIES WILL ADJUST THEIR FACILITIES TO FIT THE NEW HIGHWAY CONSTRUCTION.

THE 4-INCH RECYCLED BITUMINOUS SURFACE SHALL BE CONSTRUCTED IN 2-INCH LAYERS.

THE PAVEMENT STRUCTURE FOR WIDENING INTERSECTIONS SHALL BE 3-INCHES OF RECYCLED BITUMINOUS SURFACE OVER 8-INCHES OF CRUSHED AGGREGATE BASE COURSE.

ALL ELEVATIONS ON THIS PROJECT ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D.).

STANDARD DETAIL DRAWINGS

APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCHES 8F1-9
LAYOUT DETAILS FOR AT-GRADE SIDEROAD INTERSECTIONS 9A1-5
CONSTRUCTION BARRICADES AND STANDARD SIGNS 15C1-7
PAVEMENT MARKING 15C8-1

UTILITIES

DIGGER'S HOTLINE 1-800-242-8511 (TOLL FREE)

WISCONSIN BELL, INC.
EILEEN GLISPIE
221 WEST WASHINGTON STREET
APPLETON, WISCONSIN 54911
CABLE LOCATE 1-800-242-8511 (TOLL FREE)

WISCONSIN ELECTRIC POWER COMPANY
ATTN: BUDGET ENGINEERING SUPERVISOR 414-735-8445
100 WEST LAWRENCE STREET
APPLETON, WISCONSIN 54911

WISCONSIN NATURAL GAS COMPANY
J.G. HERB 414-735-8357
800 SOUTH LYNNDALE
APPLETON, WISCONSIN 54911

GREENVILLE SANITARY DISTRICT
MR. JAMES UNDERLICH 414-757-5650
ROUTE 1, 140 ELLEN LANE
APPLETON, WISCONSIN 54915

**ADDITIONAL QUANTITY LISTED
ELSEWHERE

STATE PROJECT NUMBER
1146-3-71

SHEET NO.
38

DETAIL
SUMMARY OF MISCELLANEOUS QUANTITIES
S.T.H. 76 OUTAGAMIE CO.

CROSS DRAINS AND SIDEROAD PIPES

LOCATION	TYPE	CLASS	THICKNESS, INCHES		C.P.C.P.	DIAMETER INCHES	LENGTH L.F.	APRON ENDWALLS EACH	** SOD SQ. YD.	REMARKS
			STEEL	ALUMINUM						
MC CARTHY ROAD RT.	C.S.C.P.		.064			18	8	2	20	EXTENSIONS
MC CARTHY ROAD LT.	C.S.C.P.		.064			18	14 & 8	2	20	EXTENSIONS
MAYFLOWER ROAD RT.	C.S.C.P.		.064			18	30 & 2	2	20	EXTENSIONS
SCHOOL ROAD LT.	C.S.C.P.		.064			18	18 & 12	2	20	EXTENSIONS
ELLEN LANE LT.	C.S.C.P.		.064			18	16 & 14	2	20	EXTENSIONS
ELLEN LANE RT.	C.S.C.P.		.064			18	24 & 28	2	20	EXTENSIONS
TOWN ROAD @ STA. 163+51 LT.	C.S.C.P.		.064			24	22 & 12	2	24	EXTENSIONS
SKYLINE DRIVE RT.	C.P.	III	.064	.060	*	18	70	2	20	NEW PIPE
RIDGEWAY DRIVE RT.	C.P.	III	.064	.060	*	18	92	2	20	REPLACE EXISTING PIPE
MEADOWVIEW LANE RT.	C.S.C.P.		.064			18	28 & 28	2	20	EXTENSIONS
U.S.H. 45 @ 147+85	C.P.	III	.079	.075		30	90	2	30	PLACE IN EXISTING CATTLE PASS
U.S.H. 45 @ 185+25	C.P.	III	.064	.075		24	84	2	24	PLACE IN EXISTING CATTLE PASS

* CORRUGATED POLYETHYLENE CULVERT PIPE (C.P.C.P.) MAY BE INCLUDED AS AN EQUAL C.P. ALTERNATE

PAVEMENT MARKING, EPOXY, 4-INCH

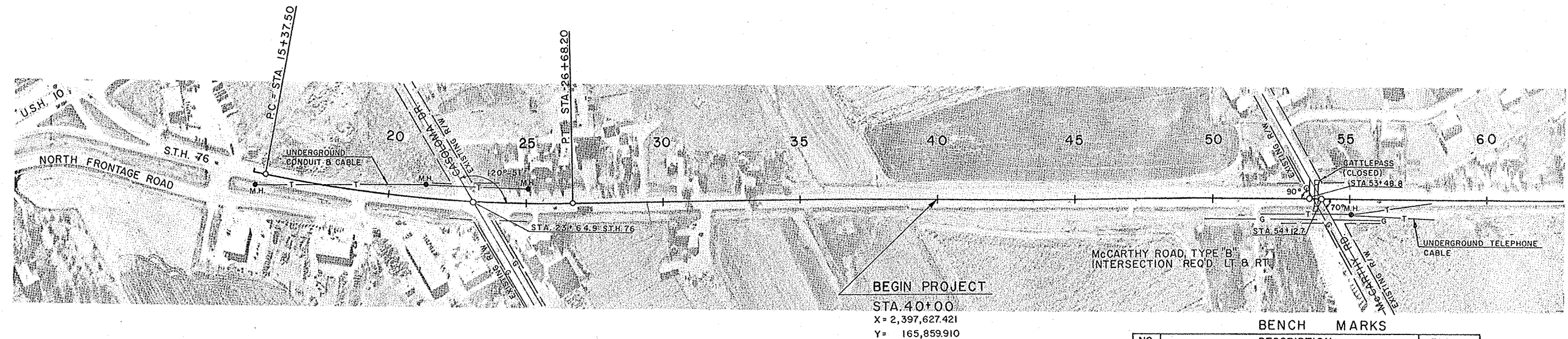
LOCATION	CENTERLINE YELLOW LIN. FT.	EDGE LINE WHITE LIN. FT.	LANE LINE WHITE LIN. FT.
STH 76 PASSING LANE @ SCHOOL ROAD	3.970	31.740	62

8-19-86
11, 12, 13, 14, 15, 16, 17, 18, 19, 20

LEVELS ON

STATE PROJECT NUMBER	SHEET NO.
1146-3-71	5

CURVE NOTES
P.I. = STA. 21+05.70
Δ = 194°-08'-00"
D = 1°-15'
T = 568.20'
L = 1,130.70'
S.E. = .037'



BENCH MARKS		
NO.	DESCRIPTION	ELEV.
15	PK. NAIL IN POWER POLE S.W. QUADRANT OF S.T.H. 76 & C.T.H. "CA" INT.	878.63

CURVE NOTES
P.I. = STA. 74+80.80
Δ = 182°-54'-48"
D = 0°-15'
T = 582.90'
L = 1,165.30'
S.E. = N.C.

