

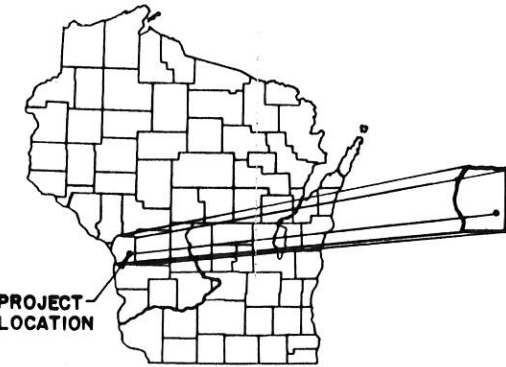
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7265-06-72		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
COLEMAN ROAD
(DUTCH CREEK BRIDGE & APPROACHES)
TOWN ROAD
LACROSSE COUNTY

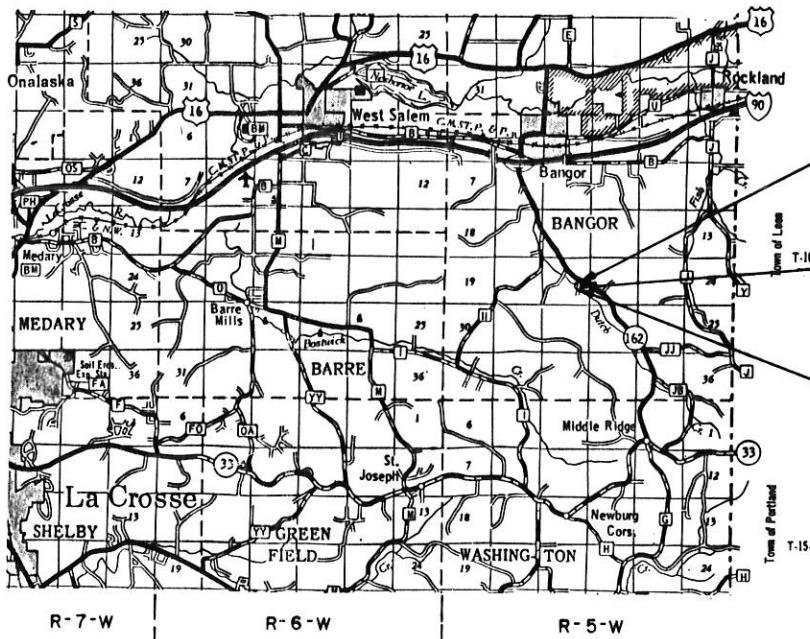
INDEX OF SHEETS

Sheet No. 1	Title
Sheet No.	Typical Sections and Details
Sheet No.	Estimate of Quantities
Sheet No.	Miscellaneous Quantities
Sheet No.	Right of Way Plat
Sheet No.	Plan and Profile (Includes Erosion Control Plans)
Sheet No.	Standard Detail Drawings
Sheet No.	Sign Plates
Sheet No.	Structure Plans
Sheet No.	Computer Earthwork Data
Sheet No.	Cross Sections

TOTAL SHEETS =



STATE PROJECT NUMBER
7265-06-72



END PROJECT
STA. 5+025

STRUCTURE
B-32-193

BEGIN PROJECT
STA. 4+975
X 537,250(+50')
Y 205,800(+50')

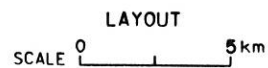


DESIGN DESIGNATION

A.D.T. 1996	=	10
A.D.T. 2018	=	20
D.H.V. 2018	=	5
D.	=	60%-40%
T.	=	10%
DESIGN SPEED	=	60 km/h
ESALS	=	NA

CONVENTIONAL SIGNS

COUNTY LINE		COMBUSTIBLE FLUIDS (UNDER PRESSURE)	
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE		GAS	
LOT LINE		ELECTRIC	
LIMITED EASEMENT		FIBER OPTIC	
EXISTING RIGHT OF WAY		TELEPHONE	
NEW RIGHT OF WAY		SERVICE PEDESTAL	
REFERENCE LINE		CABLE MARKER	
SLOPE INTERCEPT		POWER POLE	
EXISTING GROUND		TELEPHONE POLE	
MARSH OR ROCK PROFILE		RAILROADS	
CULVERT IN PLACE		MARSH	
CULVERT REQUIRED		WOODED AREA	
CULVERT REQUIRED (Profile)		RIPRAP	
SILT FENCE		SAFETY FENCE	
EROSION BALES (SHEET FLOW)		DITCH DIKE	
EROSION BALES (CHANNEL FLOW)		HEAVY RIPRAP	
EROSION MAT			



TOTAL NET LENGTH OF EASTBOUND REFERENCE LINE = .050 km RURAL

COORDINATES ARE SCALED FROM U.S.G.S TOPOGRAPHIC MAP MIDDLE RIDGE WISC. QUADRANGLE FOR IDENTIFICATION ONLY.
THE ELEVATIONS FOR THIS PROJECT ARE REFERENCED TO A CAP IN STRUCTURE B-32-116, LOCATED ON DARLING ROAD IN SECTION 21, T16N, R5W. (ELEVATION IS 238.455)

APPROVED FOR
LACROSSE COUNTY

Date _____ Signature of Official _____

ORIGINAL
PLANS PREPARED BY

STRAND ASSOCIATES
CONSULTING ENGINEERS
Madison, Wisconsin 53715

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	STRAND
Designer	STRAND
District Examiner	SAUNDRA PARKER
District Supervisor	JAMES D. ROHE
Proj. Dev. Engineer	
C.O. Examiner	

APPROVED FOR :
Date: _____ (Signature)

AUTHORIZED FOR CENTRAL OFFICE DESIGN
Date: _____ (Signature)

PLOT DATE:

FILE NAME : TITLE.DGN

DEC 04 1997

WisDOT: MSHT10

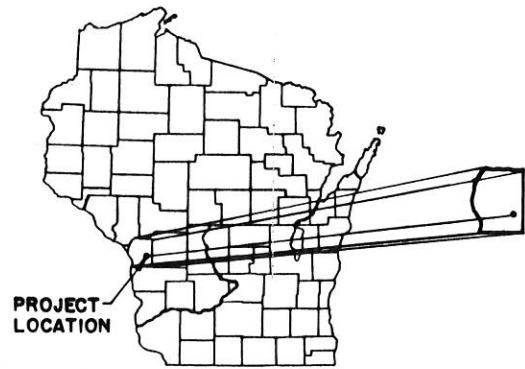
STATE OF WISCONSIN
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COLEMAN ROAD
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TOWN ROAD
LACROSSE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7265-06-72		

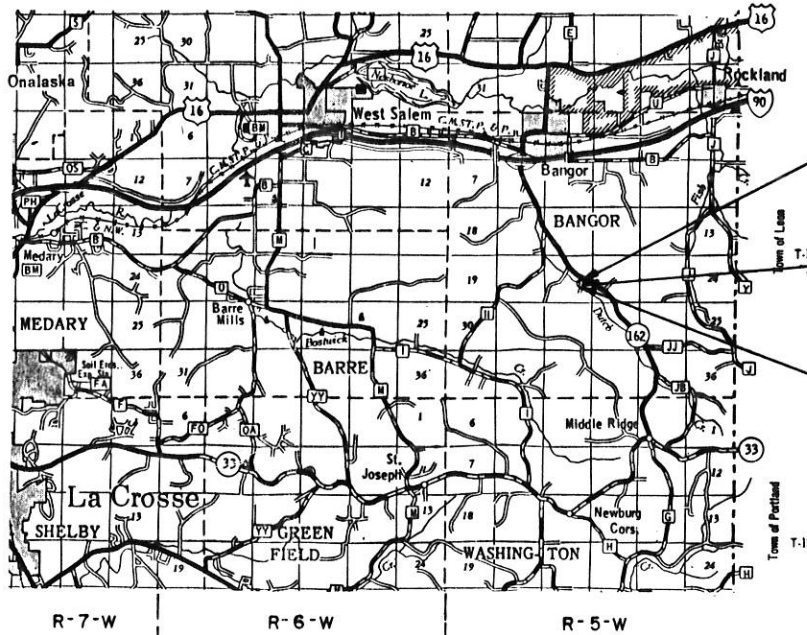
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STATE PROJECT NUMBER
7265-06-72

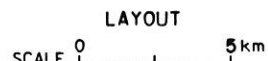


DESIGN DESIGNATION

A.D.T. 1996	=	10
A.D.T. 2018	=	20
D.H.V. 2018	=	5
D.	=	60%-40%
T.	=	10%
DESIGN SPEED	=	60 km/h
ESALS	=	NA

CONVENTIONAL SIGNS

COUNTY LINE		COMBUSTIBLE FLUIDS (UNDER PRESSURE)	
CORPORATE LIMITS		UNDERGROUND UTILITIES GAS	
PROPERTY LINE		ELECTRIC	
LOT LINE		FIBER OPTIC	
LIMITED EASEMENT		TELEPHONE	
EXISTING RIGHT OF WAY		SERVICE PEDESTAL	
NEW RIGHT OF WAY		CABLE MARKER	
REFERENCE LINE		POWER POLE	
SLOPE INTERCEPT		TELEPHONE POLE	
EXISTING GROUND		RAILROADS	
MARSH OR ROCK PROFILE		MARSH	
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CULVERT REQUIRED		RIPRAP	
CULVERT REQUIRED (Profile)		SAFETY FENCE	
SILT FENCE		DITCH DIKE	
EROSION BALES (SHEET FLOW)		HEAVY RIPRAP	
EROSION BALES (CHANNEL FLOW)			
EROSION MAT			



TOTAL NET LENGTH OF EASTBOUND REFERENCE LINE = .050 km RURAL

APPROVED FOR
 LACROSSE COUNTY

Date: _____ Signature of Official: _____

ORIGINAL
 PLANS PREPARED BY

STRAND ASSOCIATES
 CONSULTING ENGINEERS
 Madison, Wisconsin 53715

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	STRAND
Designer	STRAND
District Examiner	SAUNDRA PARKER
District Supervisor	JAMES D. ROHE
Proj. Dev. Engineer	
C.O. Examiner	

APPROVED FOR :

Date: _____ (Signature)

AUTHORIZED FOR CENTRAL OFFICE DESIGN

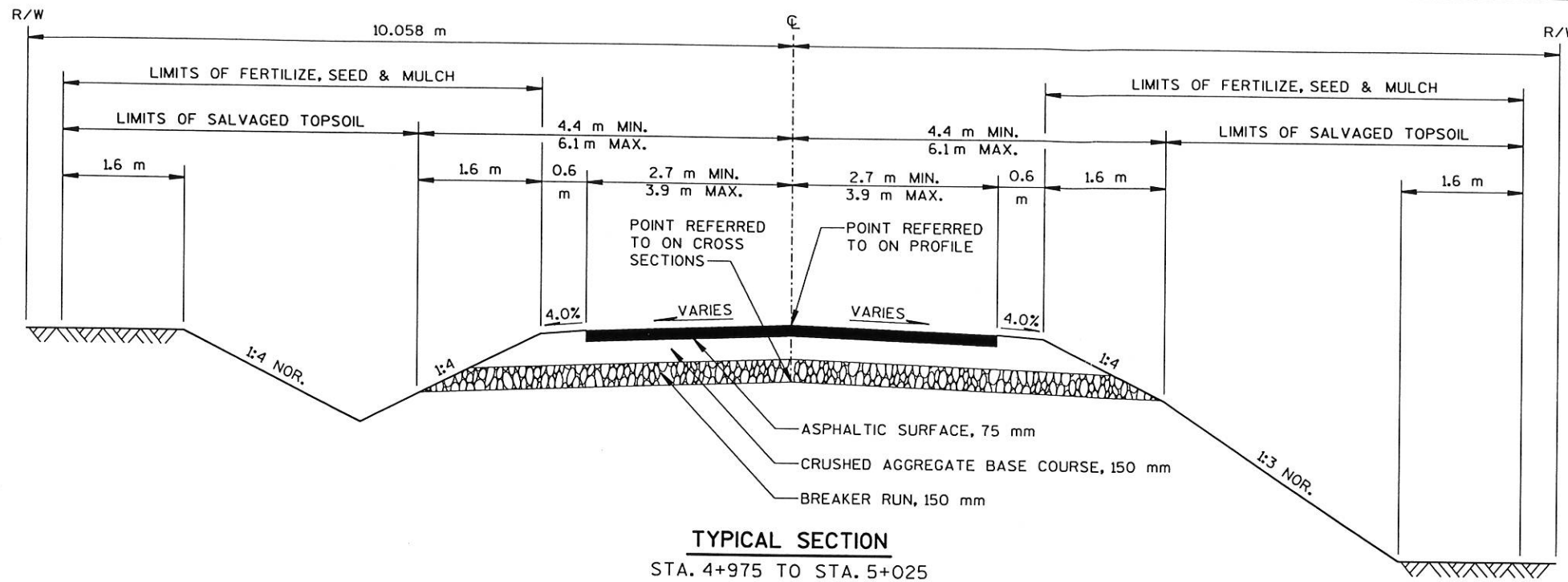
Date: _____ (Signature)

COORDINATES ARE SCALED FROM U.S.G.S TOPOGRAPHIC MAP MIDDLE RIDGE WISC. QUADRANGLE FOR IDENTIFICATION ONLY.

THE ELEVATIONS FOR THIS PROJECT ARE REFERENCED TO A CAP IN STRUCTURE B-32-116, LOCATED ON DARLING ROAD IN SECTION 21, T16N, R5W. (ELEVATION IS 238.455)

PLOT DATE:

FILE NAME : TITLE.DGN



TYPICAL SECTION
STA. 4+975 TO STA. 5+025

GENERAL NOTES

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE WISCONSIN DEPARTMENT OF TRANSPORTATION SHALL FURNISH THE CONTRACTOR A MONUMENT FOR THE STRUCTURE WHICH SHALL BE SET IN THE STRUCTURE AT A TIME AND PLACE DESIGNATED BY THE ENGINEER.

BEARINGS ON THIS PLAN ARE ASSUMED AND SHOWN TO THE NEAREST SECOND.

THE LOCATIONS OF EXISTING & PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

SILT FENCE (SILTY SOILS) TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND IN PLACE PRIOR TO CONSTRUCTION.

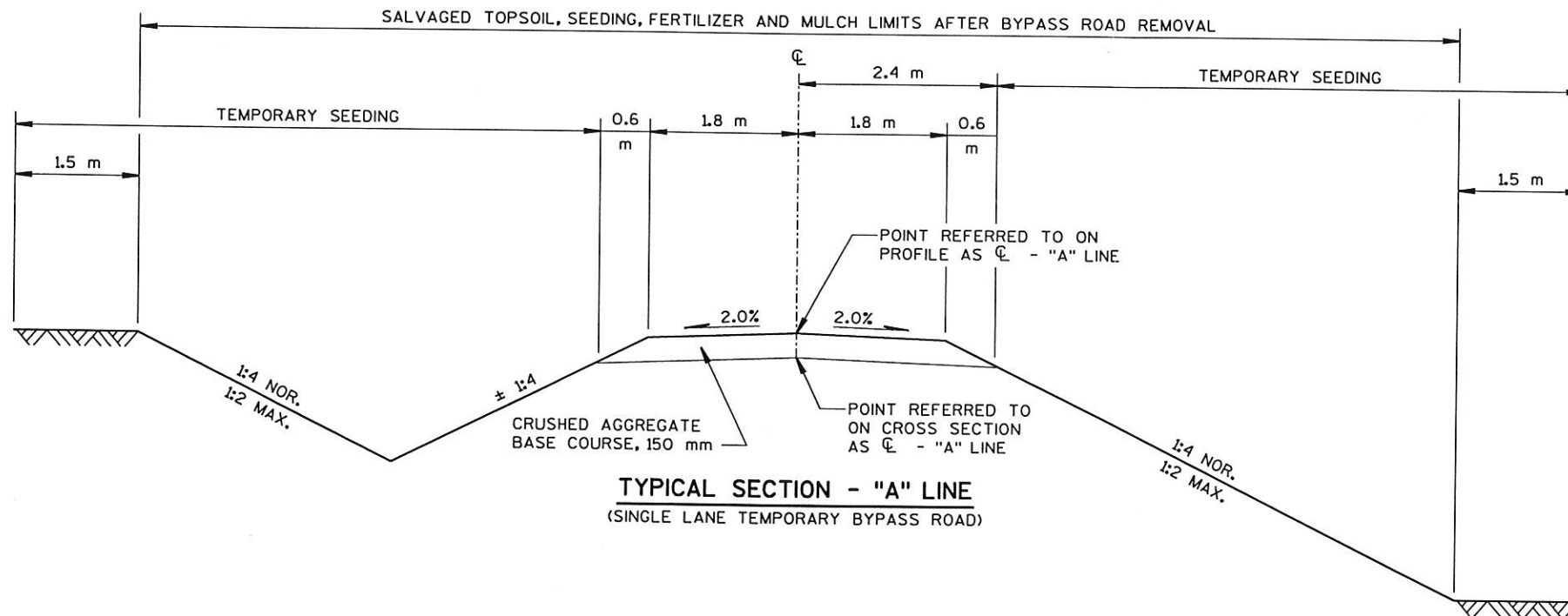
TAPER ASPHALTIC SURFACE AS SHOWN ON PLAN AND PROFILE SHEET.

75 mm ASPHALTIC SURFACE SHALL BE PLACED IN TWO LAYERS.

THE ASPHALTIC MATERIAL FOR TACK COAT HAS BEEN ESTIMATED AT AN APPLICATION RATE OF 0.113 LITERS PER SQUARE METER AND SHALL BE PLACED BETWEEN LAYERS OF ASPHALTIC SURFACE.

METRIC STANDARD DETAIL DRAWINGS

- BE9-5 SILT FENCE
- 12A3-4 NAME PLATE (STRUCTURES)
- 15A2-4 DELINEATOR POSTS, DELINEATOR BRACKET, AND DELINEATORS
- 15C6-4 SIGNING AND MARKING FOR TWO-LANE BRIDGES



TYPICAL SECTION - "A" LINE
(SINGLE LANE TEMPORARY BYPASS ROAD)

UTILITIES

- * ELECTRIC:
BANGOR MUNICIPAL UTILITIES
P.O. BOX 130
BANGOR, WI 54614
ATTN: CECIL ROLFE
PH: (608)486-2151
- * TELEPHONE:
G.T.E. NORTH
835 RED IRON ROAD
BLACK RIVER FALLS, WI 54615
ATTN: DON CROGAN
PH: (715)284-4373

DNR LIASON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
WEST CENTRAL REGION
1300 W. CLAIREMONT AVE
P.O. BOX 4001
EAU CLAIRE, WI 54702-4001
ATTN: TOM LOVEJOY
PH: (715)839-3747

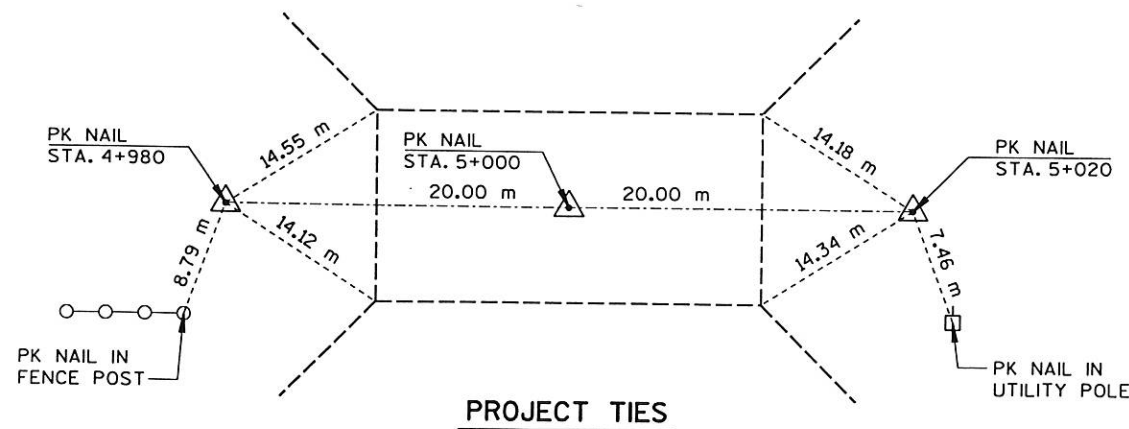
DESIGN CONSULTANT

STRAND ASSOCIATES
DAVID WALKER, P.E.
(608)251-4843

* DENOTES DIGGERS HOTLINE MEMBER

ABBREVIATIONS

ABUT.	ABUTMENT	NOR.	NORMAL
A.D.T.	AVERAGE DAILY TRAFFIC	O.H.	OVERHEAD POWER LINE
B.F.	BACK FACE	P.L.E.	PERMANENT LIMITED EASEMENT
B.M.	BENCH MARK	P.O.L.	POINT ON LINE
CTR.	CENTER	REQ'D.	REQUIRED
C.L.	CENTERLINE	RDWY.	ROADWAY
CONC.	CONCRETE	SAN.	SANITARY SEWER
DIA.	DIAMETER	SPA.	SPACE
DIM.	DIMENSION	S.S.	STORM SEWER
D.H.V.	DESIGN HOUR TRAFFIC VOLUME	STA.	STATION
EL.	ELEVATION	SYM.	SYMMETRICAL
EXC.	EXCAVATION	T.	PERCENT OF TRUCKS
F.F.	FRONT FACE	TYP.	TYPICAL
D.	LANE DISTRIBUTION	V.	DESIGN SPEED
G.	BURIED GAS LINE	W.	BURIED WATER LINE
MAX.	MAXIMUM		
MIN.	MINIMUM		



PROJECT TIES

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

WISDOT: MSH120

SUMMARY OF MISCELLANEOUS QUANTITIES

EARTHWORK SUMMARY

LOCATION	STATION - STATION	UNCLASSIFIED EXCAVATION m3	FILL AREA m3	BORROW m3	WASTE m3	ASPHALTIC MATERIAL FOR TACK COAT			ASPHALTIC SURFACE		Mg
						STATION - STATION	LOCATION	L	STATION - STATION	LOCATION	
COLEMAN ROAD	4+975 - 5+025	72	192	168					4+975 - 4+993	MAINLINE	21
BYPASS ROAD	4+960 - 8+040	537*	478	598	537	4+975 - 5+025	MAINLINE	30	5+007 - 5+025	MAINLINE	21
TOTAL		609	670	766	537				TOTAL		42

NOTE: STRUCTURE EXCAVATION AND BACKFILL QUANTITIES ARE NOT INCLUDED IN THIS SUMMARY AND ARE ADDITIONAL QUANTITIES TO COMPLETE EARTHWORK. - SEE BRIDGE PLAN.

SHRINKAGE FACTOR = 25%

* INCLUDES CABC REMOVAL

CRUSHED AGGREGATE BASE COURSE

STATION - STATION	LOCATION	m3	BREAKER RUN STONE	STATION - STATION	LOCATION	Mg
4+975 - 4+993	MAINLINE	37*	4+975 - 4+993	MAINLINE	37	
5+007 - 5+025	MAINLINE	37*	5+007 - 5+025	MAINLINE	37	
4+960 - 5+040	BYPASS	59**				
TOTAL		133	TOTAL		74	

* QUANTITY INCLUDES SHOULDERS

** REMOVAL PAID FOR AS UNCLASSIFIED EXCAVATION.

TEMPORARY CULVERT PIPE, 450 mm

STATION	LOCATION	m
4+980	LT	16

SAWING EXISTING PAVEMENT

STATION	m
4+975	5
5+025	5
TOTAL	10

SALVAGED TOPSOIL, MULCHING, FERTILIZER AND SEEDING

STATION - STATION	SALVAGED TOPSOIL m2	MULCHING m2	FERTILIZER, TYPE B kg	SEEDING, MIXTURE NO. 20 kg	SEEDING, TEMPORARY kg
4+960 - 5+040 *	1400	1735	61	26	5**
UNDISTRIBUTED	---	450	15	7	
BORROW/WASTE SITE	1250	1250	44	13	
TOTAL	2650	3435	120	46	5

* INCLUDES BYPASS ROAD REMOVAL RESTORATION

** TEMPORARY SEED BYPASS ROAD SLOPES WHEN INITIALLY CONSTRUCTED

TEMPORARY DELINIATORS

STATION - STATION	LOCATION	EACH
4'A'+960 - 5'A'+045	BYPASS ROAD	20

WOOD POSTS, 100 mm X 100 mm X 3 m

STATION	LOCATION	EACH
4+992	LT & RT	2
5+008	LT & RT	2
TOTAL		4

SILT FENCE, SILTY SOIL

STATION - STATION	LOCATION	DELIVERED m	INSTALLED m	MAINTAINED m
4+970 - 4+997	LT & RT	80	80	160
5+002 - 5+020	LT & RT	80	80	160
UNDRISTRIBUTED		40	40	80
TOTAL		200	200	400

EROSION BALES, DELIVERED AND INSTALLED

STATION	LOCATION	DELIVERED EACH	INSTALLED EACH
4+980	LT	3	3
4+990	LT	3	3
5+020	RT	3	3
UNDISTRIBUTED		3	3
TOTAL		12	12

SIGNS, TYPE II, REFLECTIVE

STATION	LOCATION	m2	REMARKS
4+992	LT & RT	0.56	W5-52L, W5-52R
5+008	LT & RT	0.56	W5-52L, W5-52R
TOTAL		1.12	

PLOT SCALE:

PLOT NAME:

REV. DATE: 8-16-94

ORIGINATOR: BSS

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

BENCH MARK

B.M. NO.	LOCATION	ELEV.
1	PK NAIL IN POWER POLE AT STA. 4+948, LT.	240.462
2	PK NAIL IN FENCE POST AT STA. 4+974, RT.	240.409
3	PK NAIL IN TELEPHONE POLE AT STA. 5+025, 5 m RT.	240.637

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL STATIONS AND ALL ELEVATIONS ARE METERS (m) UNLESS OTHERWISE NOTED. ALL OTHER DIMENSIONS ARE MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 50 mm CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

THE SLOPE OF FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP TO THE EXTENT SHOWN ON THIS SHEET.

THIS STRUCTURE WILL REPLACE P-41-975 WHICH IS AN 11300 LONG STEEL LOW TRUSS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M153, TYPES I, II OR III OR M213.

AT ABUTMENTS, ALL SPACES EXCAVATED BUT NOT OCCUPIED BY THE NEW ABUTMENTS SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

ALL REINFORCING BARS ARE METRIC AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFIES THE METRIC BAR SIZE.

DESIGN DATA

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 1KN/m² :

LIVE LOAD:
 DESIGN RATING _____ MS-18
 INVENTORY RATING _____ MS-19
 OPERATING RATING _____ MS-31
 MAX. STD. PERMIT VEHICLE LOAD _____ 1110 KN

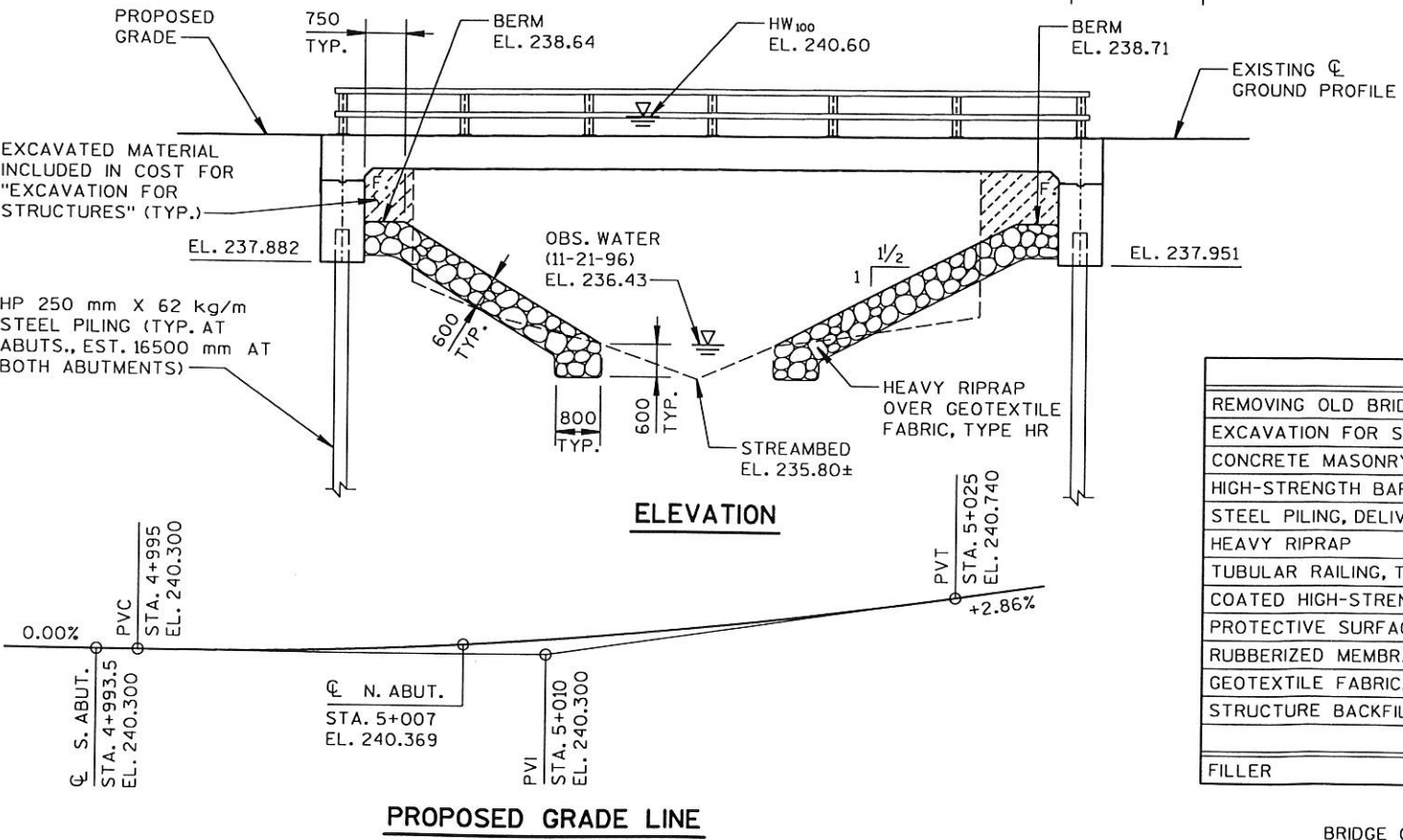
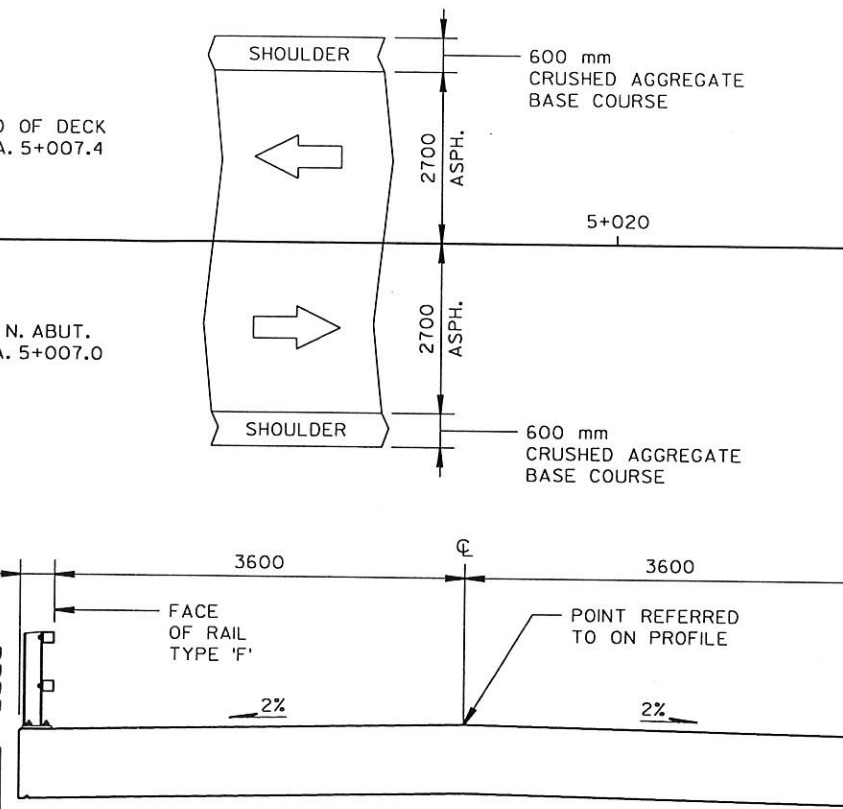
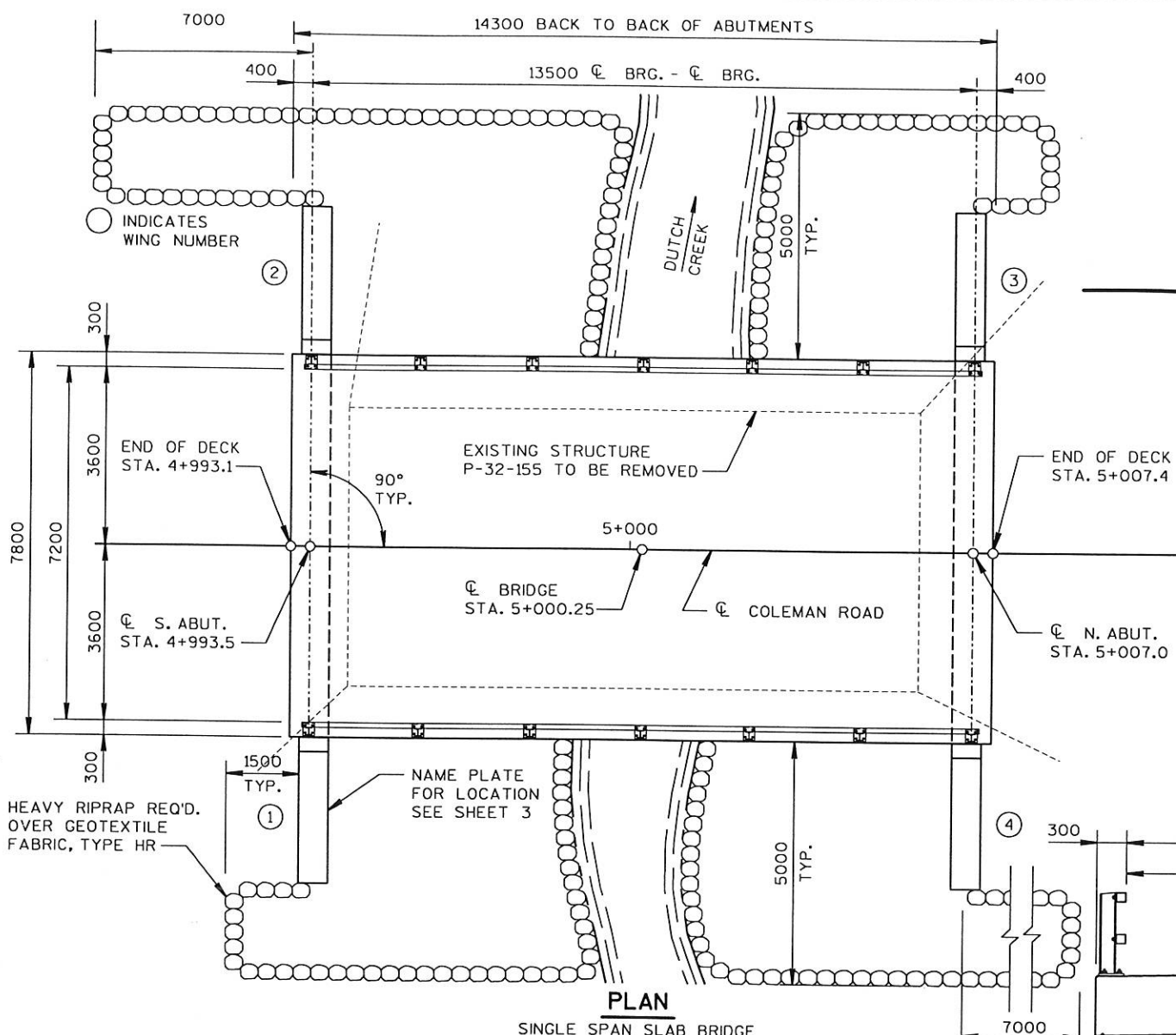
ULTIMATE DESIGN STRESSES:
 CONCRETE MASONRY SLAB _____ f'c = 28 MPa
 ALL OTHER _____ f'c = 24 MPa

HIGH STRENGTH BAR STEEL REINFORCEMENT _____ fy = 400 MPa

TRAFFIC DATA:
 A.D.T. = 20 (2018)
 R.D.S. = 60 km/h

HYDRAULIC DATA:
 Q₁₀₀ _____ 124.6 C.M.S. THRU BRIDGE
 VELOCITY _____ 4.43 M.P.S.
 HIGH WATER₁₀₀ ELEVATION _____ 240.597
 WATERWAY AREA _____ 28.33 m²
 DRAINAGE AREA _____ 27.19 km²
 SCOUR CODE _____ 8

FOUNDATION DATA:
 ABUTMENTS TO BE SUPPORTED ON HP 250 mm x 62 kg/m STEEL PILING, ESTIMATED 16500 AT BOTH ABUTS.



- LIST OF DRAWINGS**
- GENERAL PLAN
 - SUBSURFACE EXPLORATION
 - ABUTMENTS
 - SUPERSTRUCTURE
 - SUPERSTRUCTURE DETAILS
 - TUBULAR RAILING, TYPE "F"

TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	S. ABUT.	N. ABUT.	SUPER.	TOTAL
REMOVING OLD BRIDGE, STA. 5+000	L.S.				1
EXCAVATION FOR STRUCTURES BRIDGES B-32-193	L.S.				1
CONCRETE MASONRY, BRIDGES	m ³	17	17	72	106
HIGH-STRENGTH BAR STEEL REINFORCEMENT, BRIDGES	kg	681	681	5370	6732
STEEL PILING, DELIVERED & DRIVEN, HP 250 mm X 62 kg/m	m	66	66		132
HEAVY RIPRAP	m ³	80	70		150
TUBULAR RAILING, TYPE "F", STRUCTURE B-32-193	L.S.			1	1
COATED HIGH-STRENGTH BAR STEEL REINFORCEMENT, BRIDGES	kg			1145	1145
PROTECTIVE SURFACE TREATMENT	m ²			115	115
RUBBERIZED MEMBRANE WATERPROOFING	m ²	6	6		12
GEOTEXTILE FABRIC, TYPE HR	m ²	135	115		250
STRUCTURE BACKFILL	m ³	85	85		170
NON-BID ITEMS					
FILLER	SIZE	13 & 19	13 & 19		13 & 19

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS			
STRAND ASSOCIATES CONSULTING ENGINEERS Madison, Wisconsin 53715 (608) 251-4843			
STRUCTURE B-32-193			
COLEMAN ROAD OVER DUTCH CREEK			
COUNTY	LACROSSE	TOWN/CITY/VILLAGE	BANGOR
DESIGN SPEC.	AASHTO '95	LOAD	MS18
DESIGNED BY	CDH	DESIGN CK'D.	DJW
DRAWN BY	BSS	PLANS CK'D.	DJW
APPROVED _____ DATE _____ CHIEF BRIDGE DESIGN ENGINEER			
GENERAL PLAN			SHEET 1 OF 6

BRIDGE OFFICE CONTACT: G.H. ANDERSON (608)266-8488

PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: 8-16-94
 ORIGINATOR: BSS
 LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

PLOT SCALE: 1:1000
 PLOT NAME: 8-16-94
 REV. DATE: 8-16-94
 LEVELS ON: 1, 2, 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
 ORIGINATOR: BSS
 FILE NAME: S:\051--100\090\633\MICROS\BRIDGE\SUBSEXPL.DGN

ABBREVIATIONS
 F—Fine M—Medium C—Coarse
 Ws—Weathered So—Sound

MATERIAL SYMBOLS
 Topsoil Silt Sandstone
 Sand Peat Limestone
 Gravel Clay Igneous Rock

LEGEND OF PROBING

Probing No. Sta. Elevation
 95/152 = 95 Blows for 152 mm Penetration
 Probing taken with a 158.8 kg wt. Falling 457 mm on a 51 mm O.D. Point.
 Refusal 95/152

LEGEND OF BORING

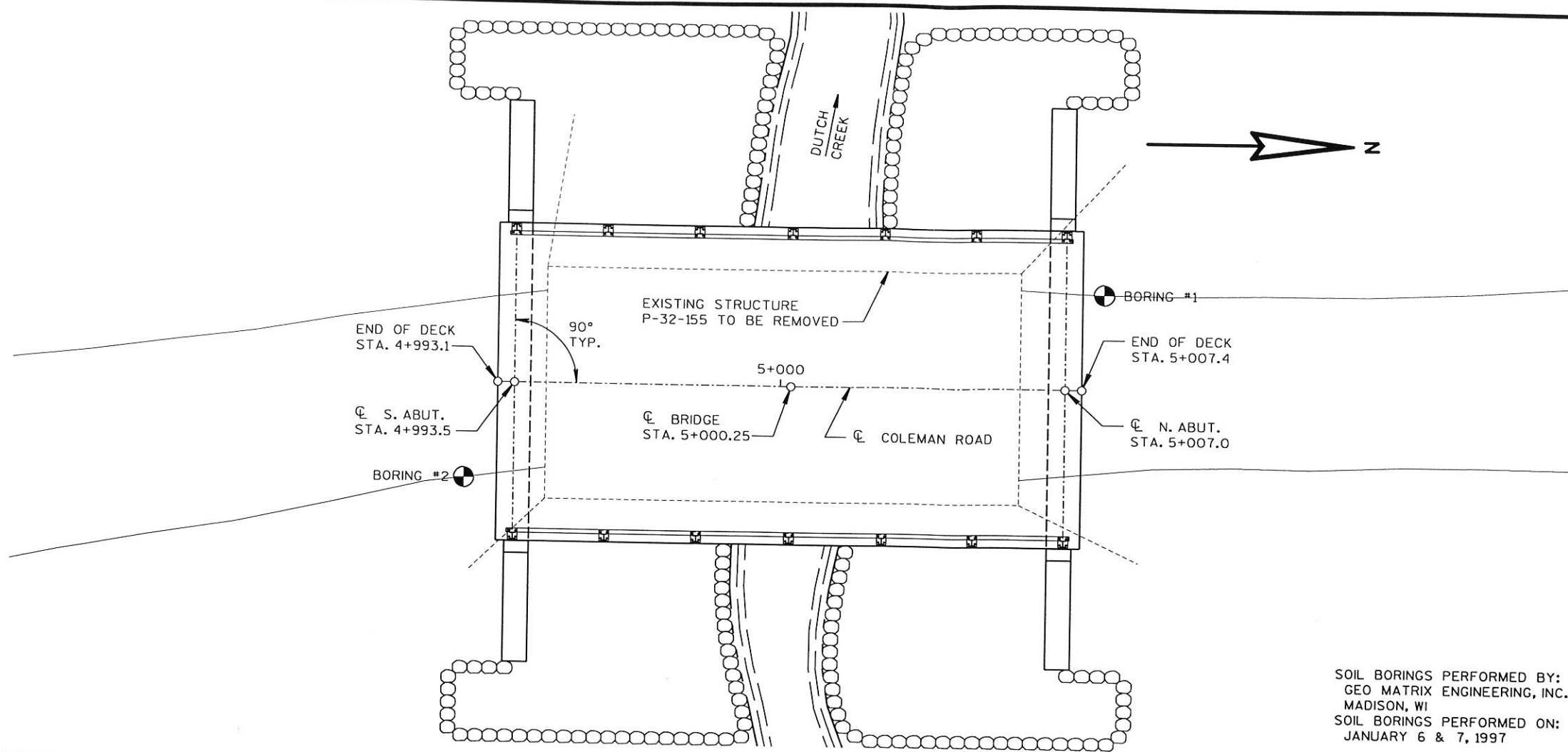
Boring No. Sta. Elev.
 Unconfined Strength kg/cm² → 7.7
 Blows Per 305 mm Using 63.6 kg wt. Falling 762 mm
 Wash Sample
 Shelby Tube—S.T.
 Ground Water Elevation
 No Ground Water Observed Above This Elevation
 Silty Clay
 Limestone

Unless otherwise specified, the blows per 305 mm at the locations indicated are based on driving a 51 mm O.D. x 35 mm I.D. split spoon sampler with a 63.6 kg hammer having a free fall of 162 mm. The blow count is taken in undisturbed soil immediately below a cased or open hole eliminating side friction on the drive pipe.

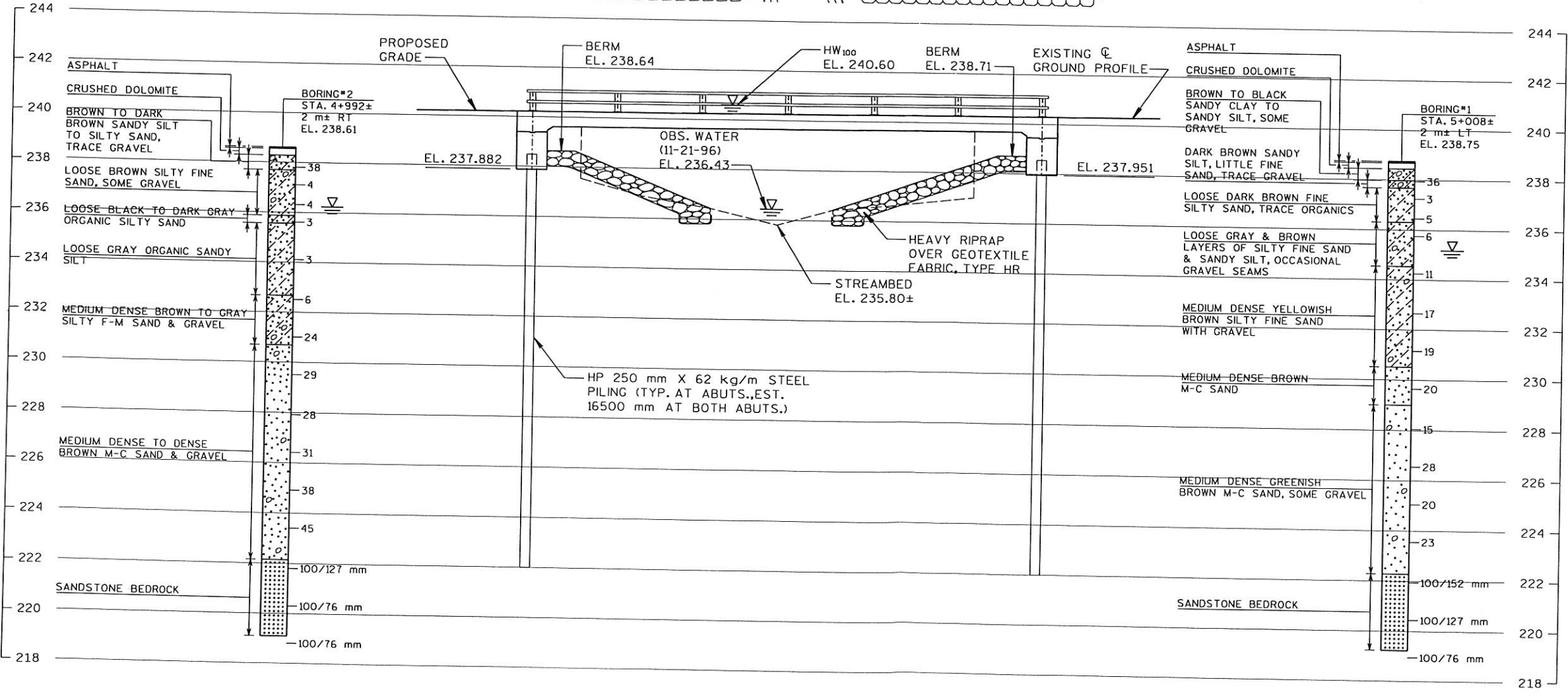
SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

To obtain relative data concerning the character of material in and upon which the foundation might be built, borings and/or soundings were made at points approximately as indicated on this drawing. The data presented herein represents the findings of the subsurface explorations made. However, because the depths investigated are limited and the area of the borings and/or soundings is very small in relation to the entire area, the Division of Highways does not warrant conditions below the depths investigated or that the classification of material encountered in these investigations is necessarily typical of the entire site.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS			
STRUCTURE B-32-193			
CONST. SPEC.	WISC 1996	DRAWN BY	BSS
PLANS CHECKED			DJW
SUBSURFACE EXPLORATION			SHEET 2 OF 6
			M



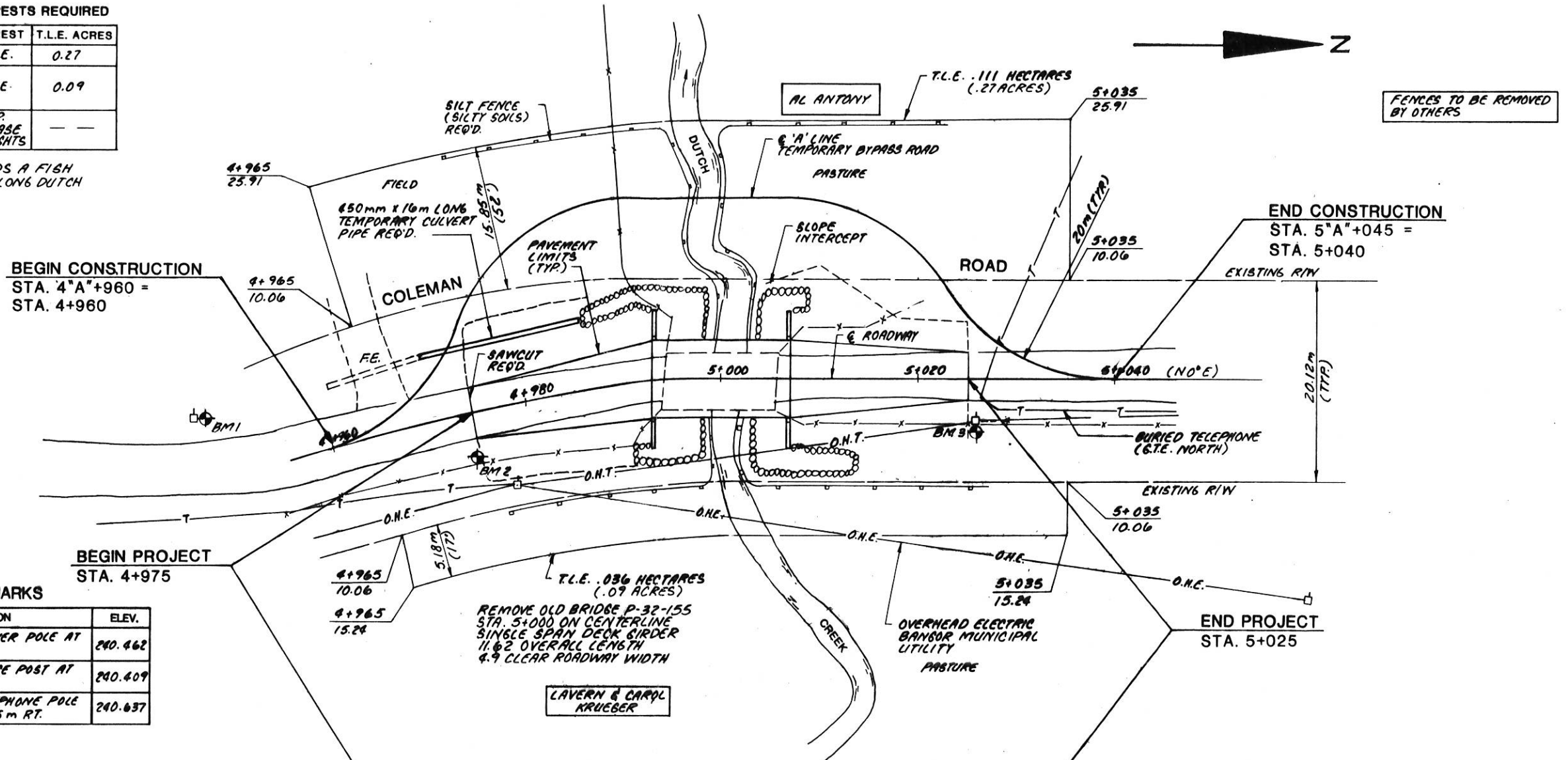
SOIL BORINGS PERFORMED BY:
 GEO MATRIX ENGINEERING, INC.
 MADISON, WI
 SOIL BORINGS PERFORMED ON:
 JANUARY 6 & 7, 1997



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NO.	OWNER	INTEREST	T.L.E. ACRES
1	AL ANTONY	T.L.E.	0.27
2	LAVERN & CAROL KRUEGER	T.L.E.	0.09
3	WISCONSIN DNR *	TEMP. RELEASE OF RIGHTS	---

* NOTE: WISCONSIN DNR HOLDS A FISH MANAGEMENT EASEMENT ALONG DUTCH CREEK



BEGIN CONSTRUCTION
STA. 4+A+960 =
STA. 4+960

BEGIN PROJECT
STA. 4+975

END CONSTRUCTION
STA. 5+A+045 =
STA. 5+040

END PROJECT
STA. 5+025

BENCH MARKS

NO.	LOCATION	ELEV.
1	PK NAIL IN POWER POLE AT STA. 4+948, LT.	240.462
2	PK NAIL IN FENCE POST AT STA. 4+974, RT.	240.409
3	PK NAIL IN TELEPHONE POLE AT STA. 5+025, 5m RT.	240.637

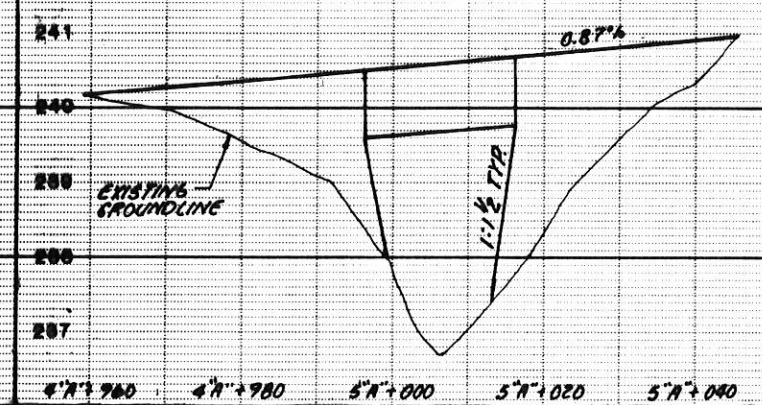
MAINLINE EARTHWORK SUMMARY

ITEM	QUANTITY
UNCLASS. EXCAV.	72 m ³
FILL	192 m ³
FILL EXPANSION	25%
BORROW	168 m ³

TEMPORARY STRUCTURE REQ'D.

STA. 5+A+002
LOW MEMBER EL. 239.624
MIN. 26.8m STRUCTURE OPENING
4800mm MIN. CLEAR ROADWAY WIDTH

TEMPORARY BYPASS ROAD



TEMPORARY BYPASS ROAD EARTHWORK SUMMARY

"A" LINE CONSTRUCTION		"A" LINE REMOVAL	
UNCLASS EXCAV	0 m ³	UNCLASS EXCAV.	537 m ³
FILL	478 m ³	(INCLUDES CABO REMOVAL)	
FILL EXPANSION	25%	WASTE	537 m ³
BORROW	578 m ³		

STA. 4+998.95 STRUCTURE P-32-193 REQ'D
SINGLE SPAN FLAT CONCRETE SLAB
14.5m OVERALL LENGTH
7.2m CLEAR ROADWAY WIDTH
0° SKEW

4+960 4+980 4+990 5+000 5+010 5+020 5+040

SCALE: 1:250

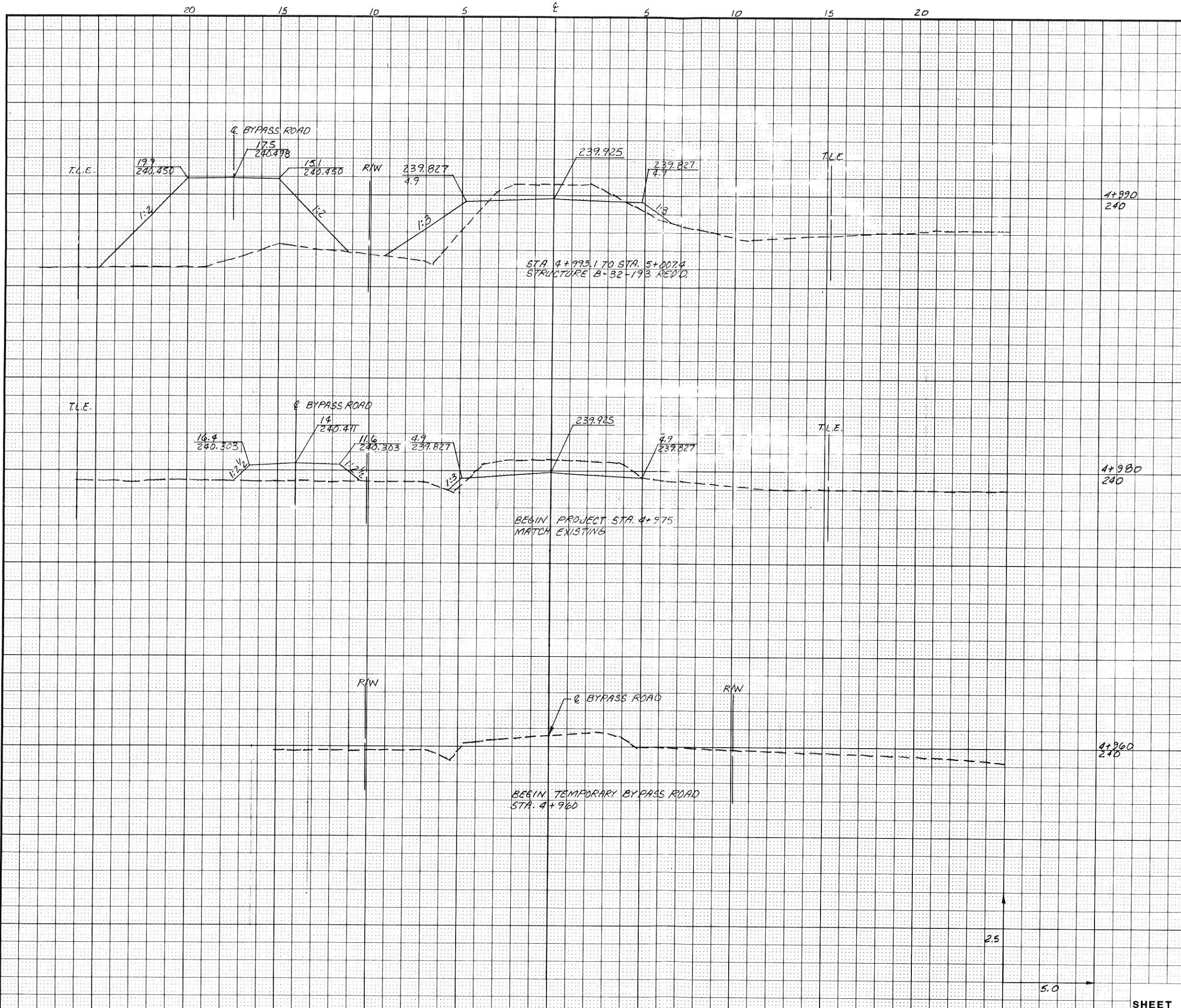
HWY: COLEMAN ROAD

COUNTY: LACROSSE

STATE PROJECT NO: 7265-06-72

SHEET NO: .

M



STATION	DISTANCE	VOLUME		
		UNCLASS.	EXCAVATION	FILL
MAINLINE				
4+975	5	19		1
4+980	10	32		21
4+990	3	8		12
4+993				
STRUCTURE B-32-193 RECD'D				
5+007				
MAINLINE				
SUBTOTAL		59		34
BYPASS				
4+960	20	68		68
4+980	15	179		179
4+995				
BYPASS				
SUBTOTALS		247		247

SHEET TOTAL

HWY: COLEMAN ROAD

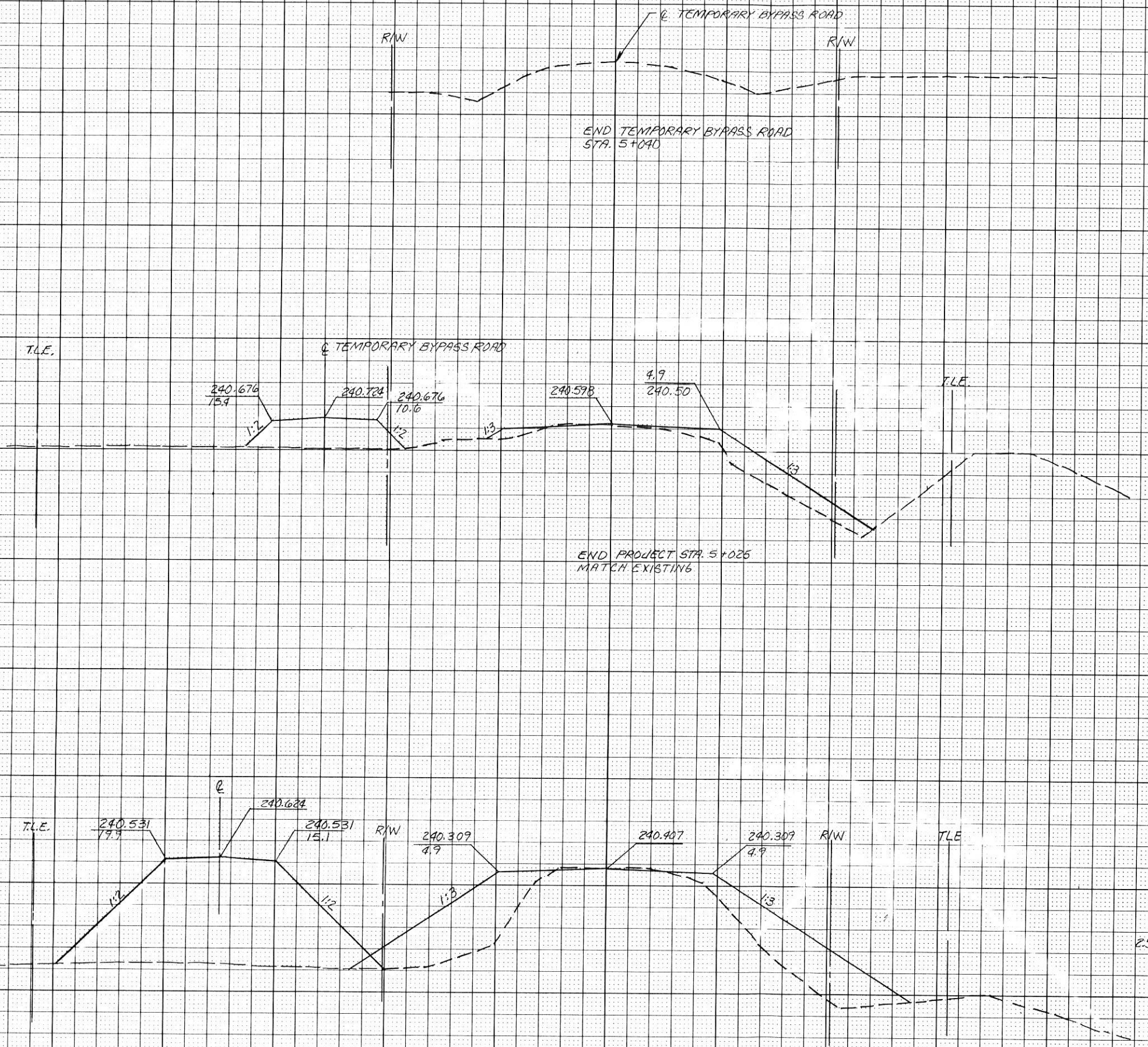
COUNTY: LACROSSE

STATE PROJECT NO: 7265-06-72

SHEET NO: .

M

STATION	DISTANCE	VOLUME			
		EXCAVATION			FILL
		UNCLASS.			
MAINLINE 5+007					
	3	0			48
5+010	10	3			100
5+020	5	10			10
5+025					
MAINLINE SUBTOTAL		13			158
BYPASS 5+010	10	143			143
5+020	20	88			88
5+040					
BYPASS SUBTOTAL		231			231
SHEET TOTAL					



HWY: COLEMAN ROAD

COUNTY: LACROSSE

STATE PROJECT NO: 7265-06-72

SHEET NO: .

M