

LINCOLN COUNTY

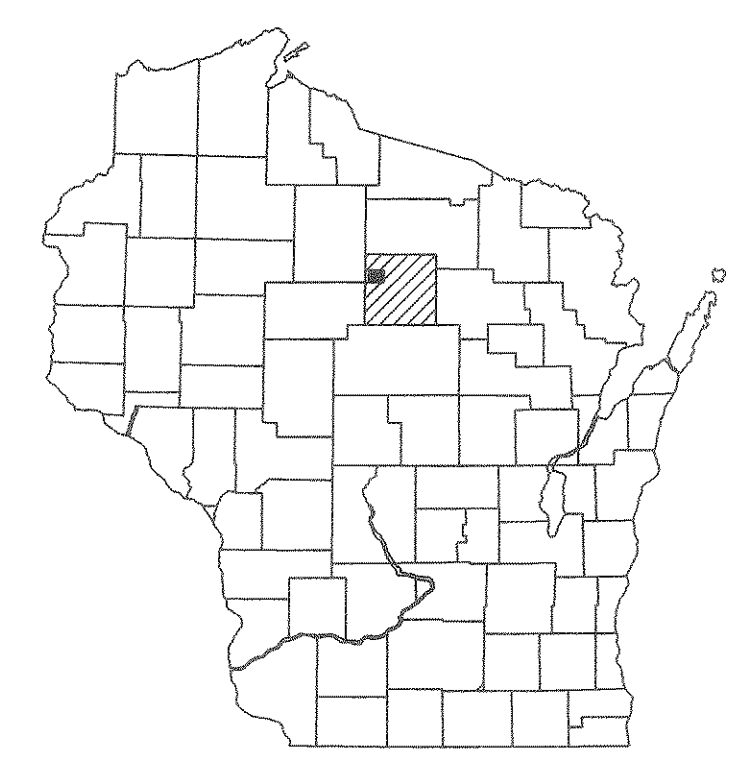
9864-03-70

25D  
3F  
100T

INDEX OF SHEETS

Sheet No.	Title
1	
2+2.3	Typical Sections and Details
3+3.1	Estimate of Quantities
3A	Miscellaneous Quantities
4+4.1	Right of Way Plat
5	Plan and Profile
6-6.4	Standard Detail Drawings
	Sign Plates
8-8.8	Structure Plans
	Computer Earthwork Data
9-9.3	Cross Sections

TOTAL SHEETS = 29



DESIGN DESIGNATION

A.D.T. (1994)	=	40
A.D.T. (2014)	=	60
D.H.V. (2014)	=	11
D.	=	60-40
T. (% ADT)	=	9%
V. (MPH)	=	30
ESALS	=	N/A

CONVENTIONAL SIGNS

COUNTY LINE	---	COMBUSTIBLE FLUIDS (UNDER PRESSURE)	
CORPORATE LIMITS	////	UNDERGROUND UTILITIES GAS	— G —
PROPERTY LINE	---	ELECTRIC	— E —
LOT LINE	---	TELEPHONE	— T —
LIMITED HIGHWAY EASEMENT	---	SERVICE PEDESTAL	⊠
EXISTING RIGHT OF WAY	---	CABLE MARKER	▽
NEW RIGHT OF WAY	---	POWER POLE	□
REFERENCE LINE	---	TELEPHONE POLE	⊕
SLOPE INTERCEPT	---	RAILROADS	+++++
ORIGINAL GROUND	---	MARSH	
MARSH OR ROCK PROFILE	---	WOODED AREA	
CULVERT IN PLACE	---	RIGHT OF WAY MARKER	●
CULVERT REQUIRED	---		
CULVERT REQUIRED (Profile)	---		

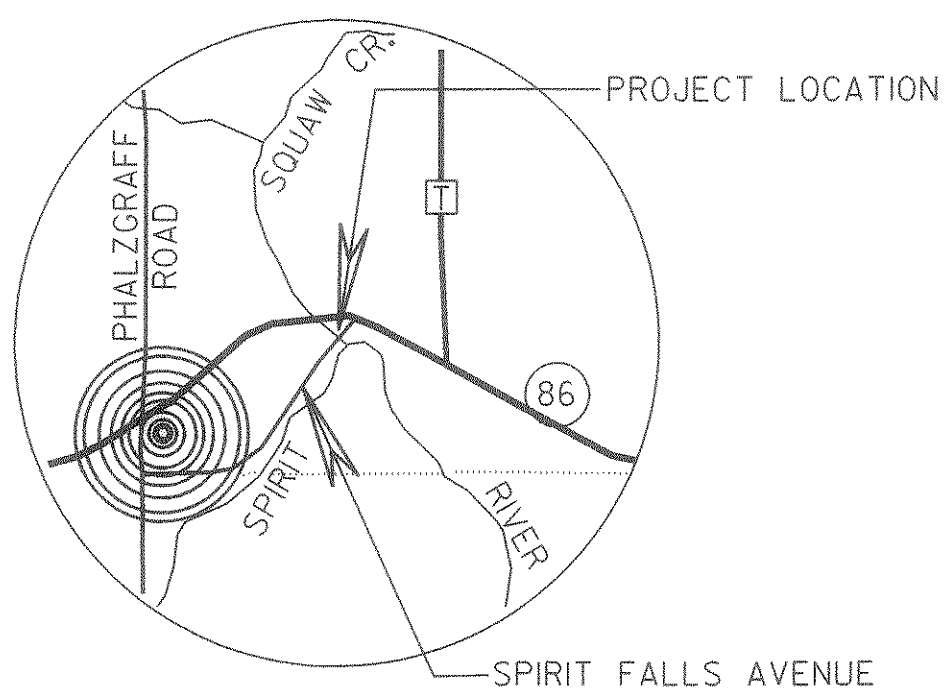
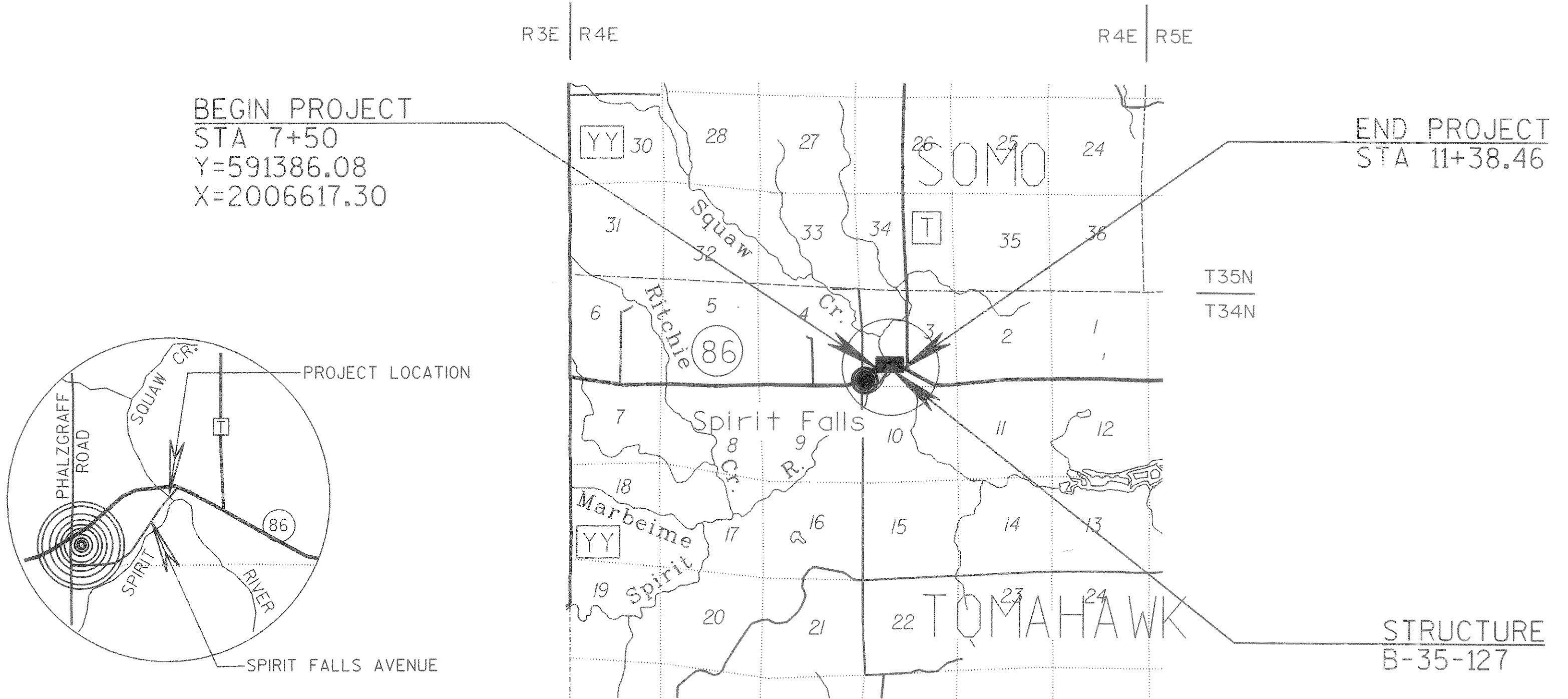
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

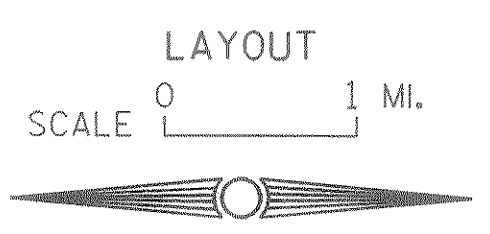
SQUAW CREEK BRIDGE AND APPROACHES  
(SPIRIT FALLS AVENUE)  
TOWN ROAD  
LINCOLN COUNTY

STATE PROJECT NUMBER  
9864-03-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9864-03-70	BRO 3599(26)	1



PRICE COUNTY  
LINCOLN COUNTY



TOTAL NET LENGTH OF CENTERLINE = 0.074 MI. RURAL

COORDINATES SHOWN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM CENTRAL ZONE.

ORIGIN OF LEVELS

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO A BENCH MARK, LOCATED ABOUT 0.1 MILE W. OF: 81 FEET SE. OF THE CENTER OF STH 86, 27 FEET N. OF THE CENTER OF AN OILED ROAD, 5 FEET SW. OF A POWERLINE POLE AND 3 FEET SW. OF A WHITE WITNESS POST; SET IN A CONCRETE MONUMENT THAT PROJECTS 6 INCHES; STANDARD NGS AZIMUTH MARK DISK STAMPED "SPIRIT 1952". EL. 1486.937

APPROVED FOR LINCOLN COUNTY

12/10/93  
DATE:

*D. A. Kachel*  
COUNTY HIGHWAY COMMISSIONER

ORIGINAL PLANS PREPARED BY  
MEAD & HUNT, INC.  
CONSULTING ENGINEERS



12/8/93  
(Date)

*Russell A. Chesmore*  
(Signature)

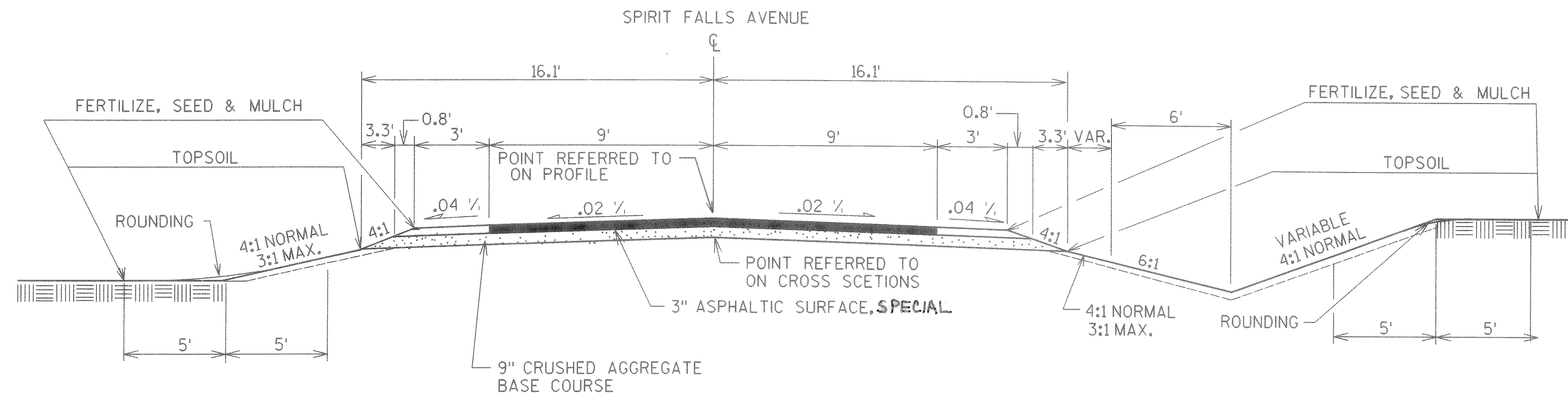
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	M & H
Designer	M & H
District Examiner	DANIEL T. KUHN
District Supervisor	ALLAN J. PETERSON
Proj. Dev. Engineer	
C.O. Examiner	E.N. BENISCH

APPROVED FOR DISTRICT OFFICE

DATE: 1/7/94

*Henry E. Zandy*  
(Signature)



TYPICAL ROADWAY CROSS SECTION  
 STA. 7+50 - STA. 11+38.46

STANDARD ABBREVIATIONS

ASPH.	ASPHALTIC	NO.	NUMBER
B.M.	BENCHMARK	PL.	PROPERTY LINE
CL	CENTERLINE	R.H.F.	RIGHT HAND FORWARD
CU. YD.	CUBIC YARD	RT.	RIGHT
CWT	HUNDRED WEIGHT	R/W	RIGHT OF WAY
EL.	ELEVATION	SO. FT.	SQUARE FEET
EXC.	EXCAVATION	SO. YD.	SQUARE YARD
L.H.F.	LEFT HAND FORWARD	STA.	STATION
LIN. FT.	LINEAR FEET	[	TRANSIT LINE
LT.	LEFT	UNCL.	UNCLASSIFIED
LBS	POUNDS	T.L.E.	TEMPORARY LIMITED EASEMENT
MIN.	MINIMUM	VC.	VERTICAL CURVE
MAX.	MAXIMUM		

UTILITIES

GTE NORTH, INC.  
 POST OFFICE BOX 845  
 MINOCQUA, WI 54548  
 ATTN: MR. JIM BORNOWSKI  
 (715) 356-3202

PRICE COUNTY ELECTRIC COOP.  
 POST OFFICE BOX 110  
 PHILLIPS, WI 54555  
 ATTN: MR. LEROY HANSON  
 (715) 339-2155

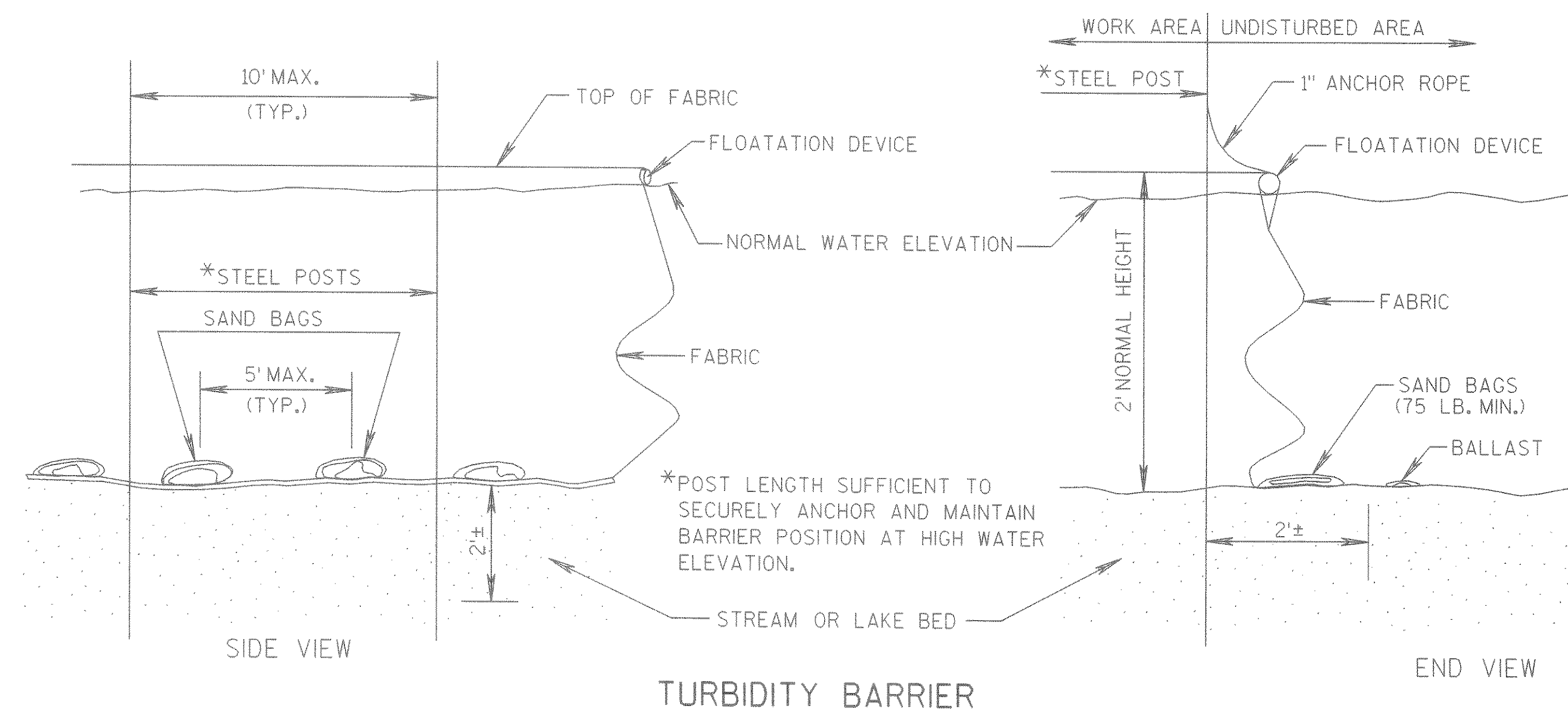
DIGGERS HOTLINE  
 1-800-242-8511

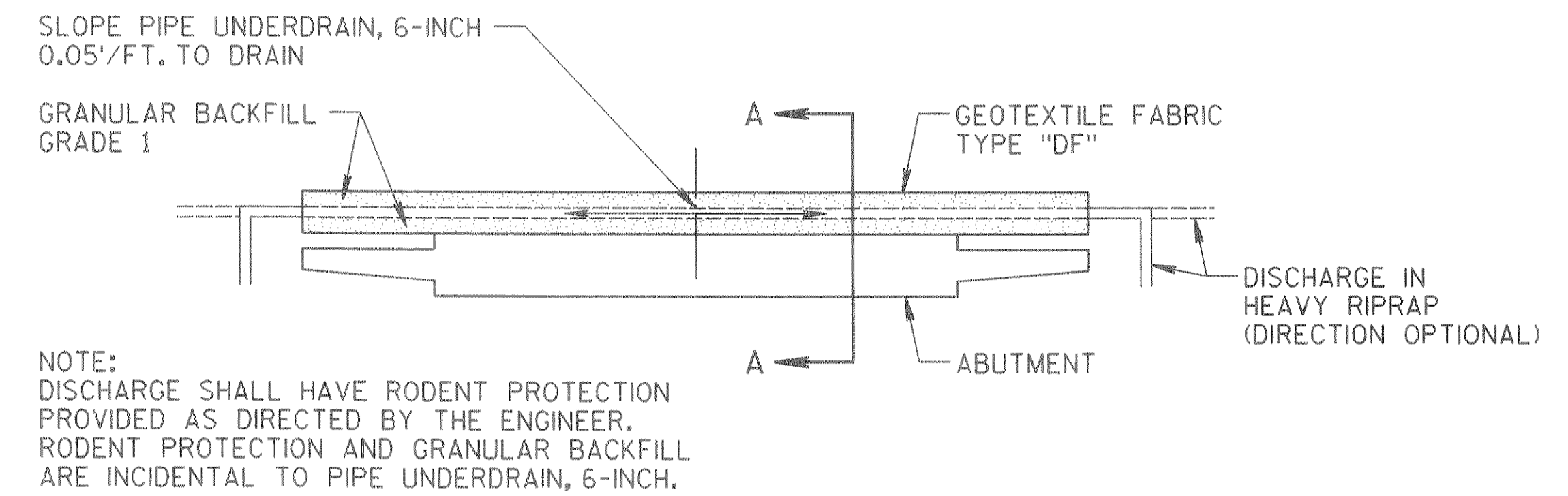
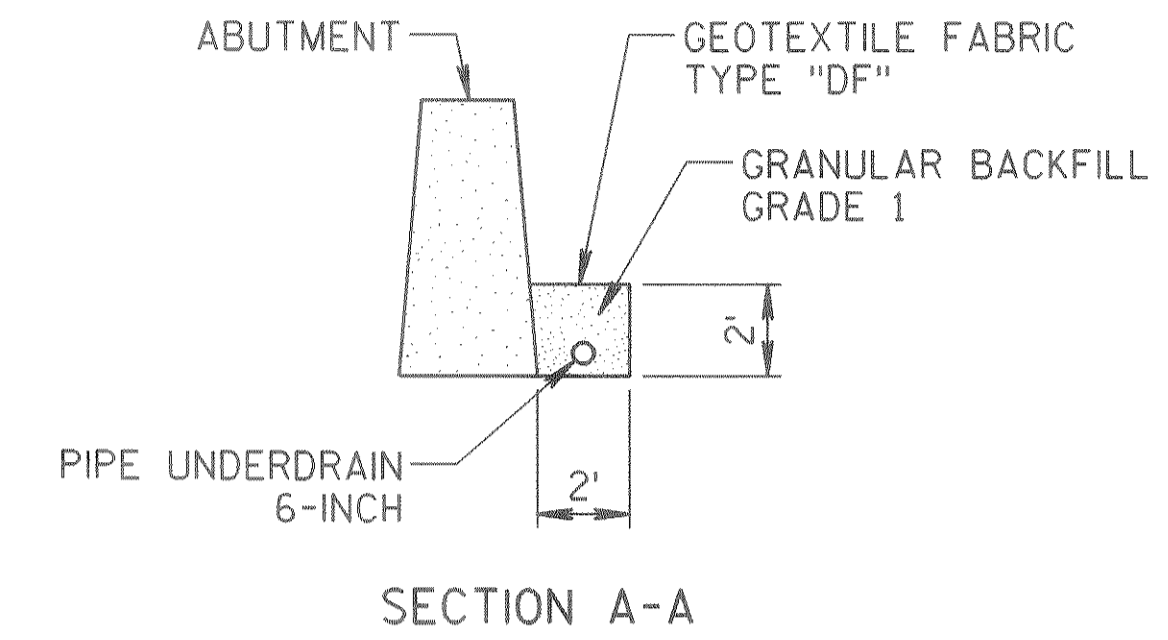
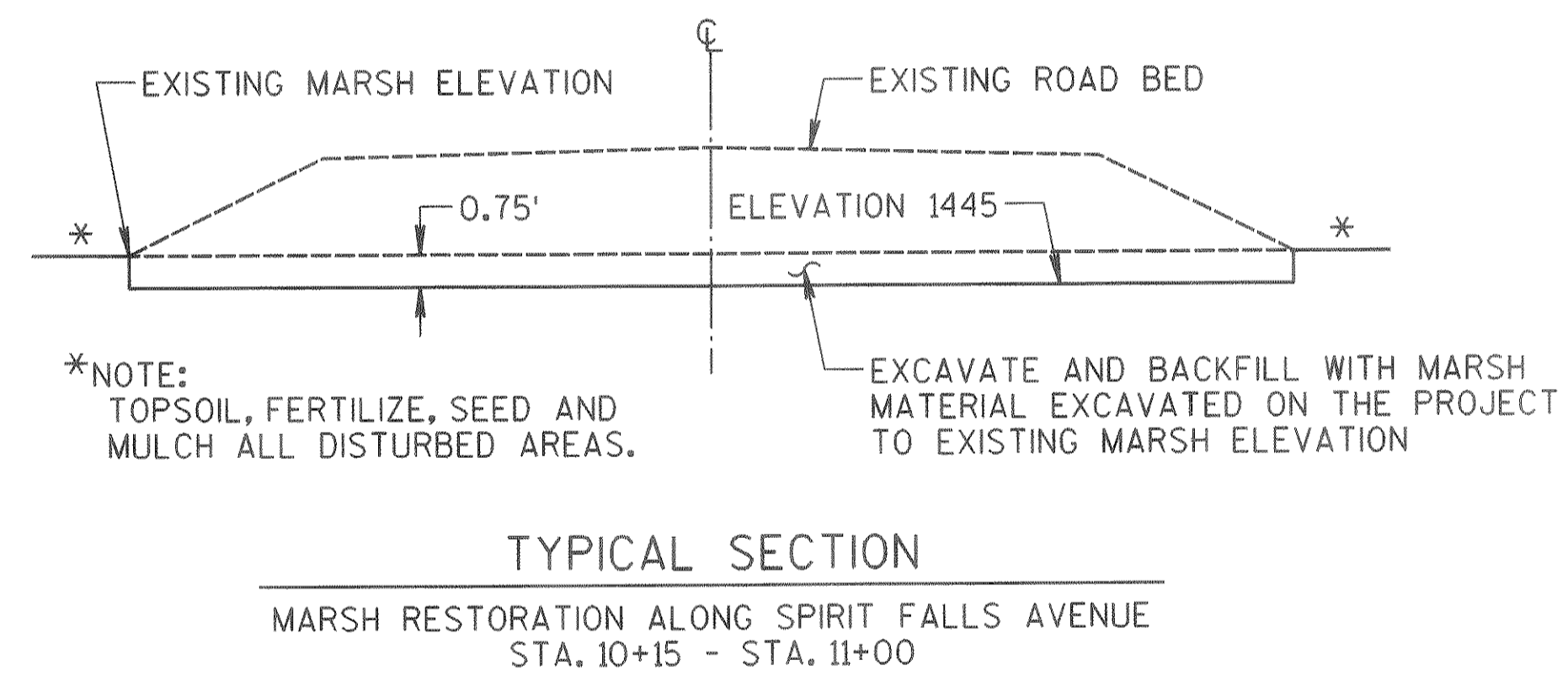
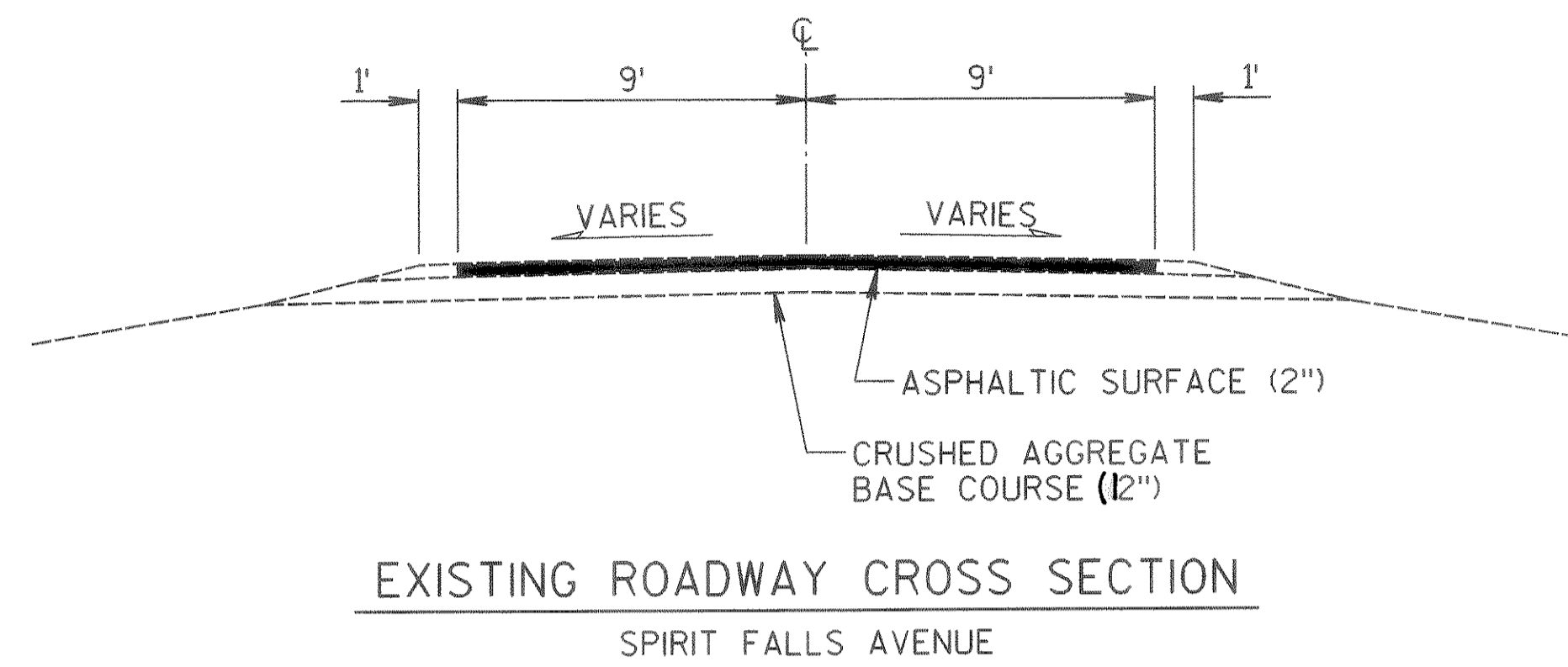
STANDARD DETAIL DRAWINGS

8E9-3	SILT FENCE
9A1-8a	AT-GRADE SIDE ROAD INTERSECTIONS, TYPES "B", "C" AND "D"
12A3-4	NAME PLATE - STRUCTURES
15C2-2	BARRICADES AND TRAFFIC CONTROL FOR ROAD CLOSURES
15C6-3	TRAFFIC CONTROL DEVICES FOR TWO LANE BRIDGES


GENERAL NOTES

- NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
- THE LOCATION 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.
- SILT FENCE FOR SILTY SOILS SHALL BE USED AND PLACED AS PER PLAN OR AS DETERMINED BY THE ENGINEER. SILT FENCE SHALL BE PLACED PRIOR TO CONSTRUCTION.
- THE DEPARTMENT OF TRANSPORTATION WILL FURNISH A MONUMENT TO BE INSTALLED ON THE STRUCTURE BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER.
- BEARINGS ARE TRUE BEARINGS TO THE NEAREST SECOND.
- THE CONTROL SURVEY CONDUCTED FOR THIS PROJECT MET THIRD ORDER CONTROL SURVEY SPECIFICATIONS.
- THE CONTRACTOR MAY USE SUITABLE TOPSOIL MATERIAL FOUND INSIDE THE CONSTRUCTION LIMITS FOR PLACEMENT ON FINISHED SLOPES AS PERMITTED BY THE ENGINEER.

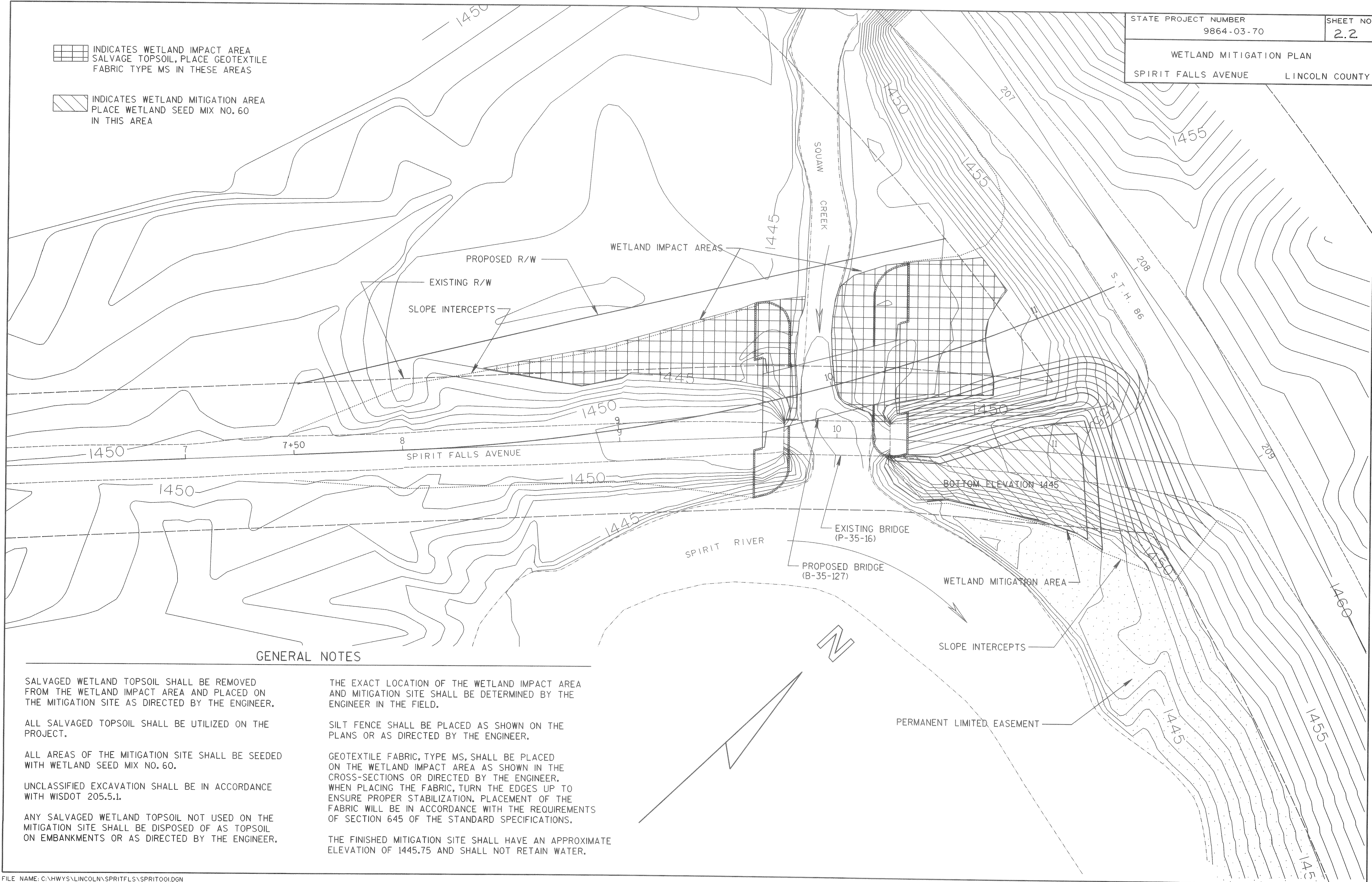




PLAN VIEW  
DETAIL FOR PIPE UNDERDRAIN AT ABUTMENT

 INDICATES WETLAND IMPACT AREA  
 SALVAGE TOPSOIL, PLACE GEOTEXTILE  
 FABRIC TYPE MS IN THESE AREAS

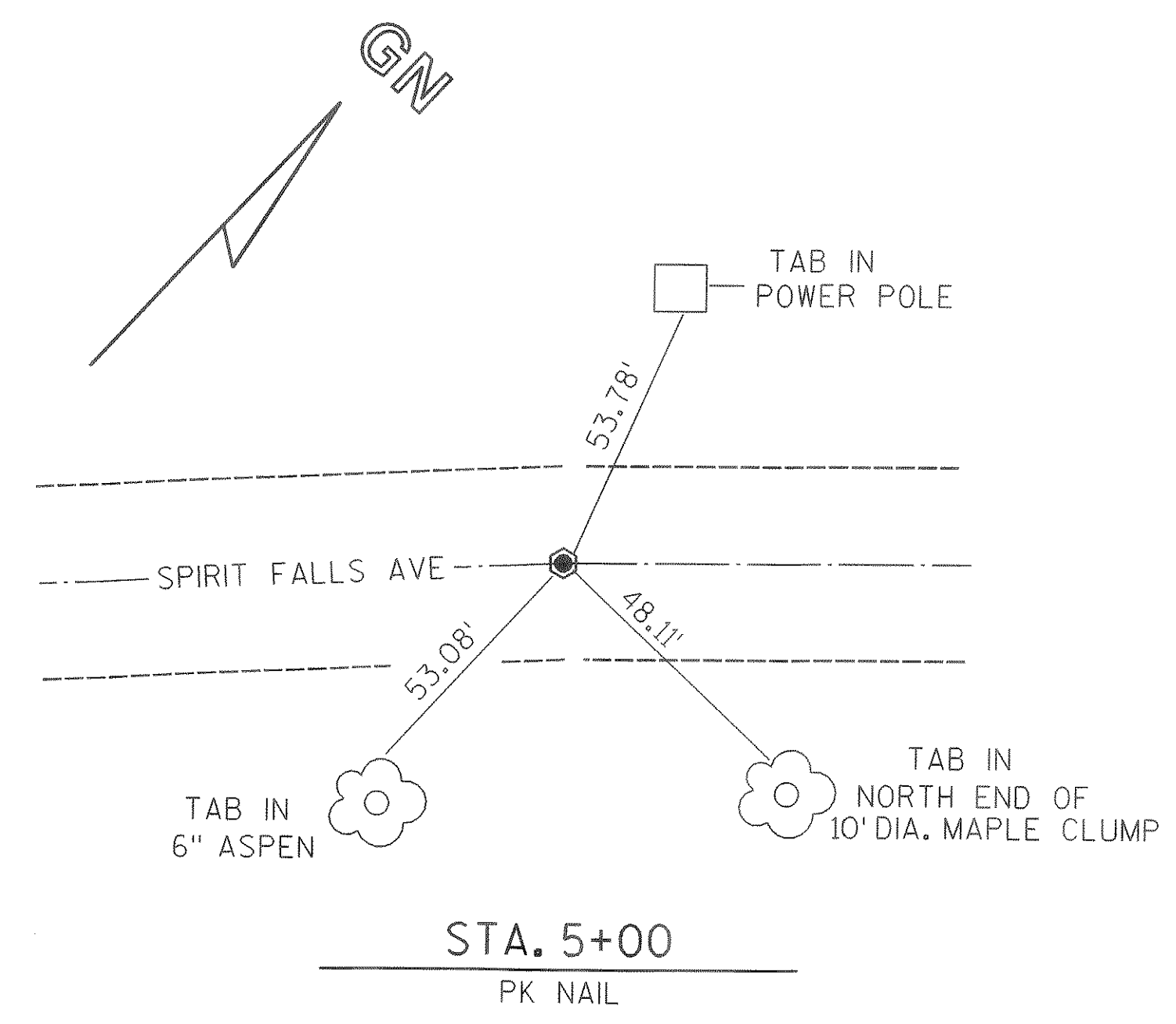
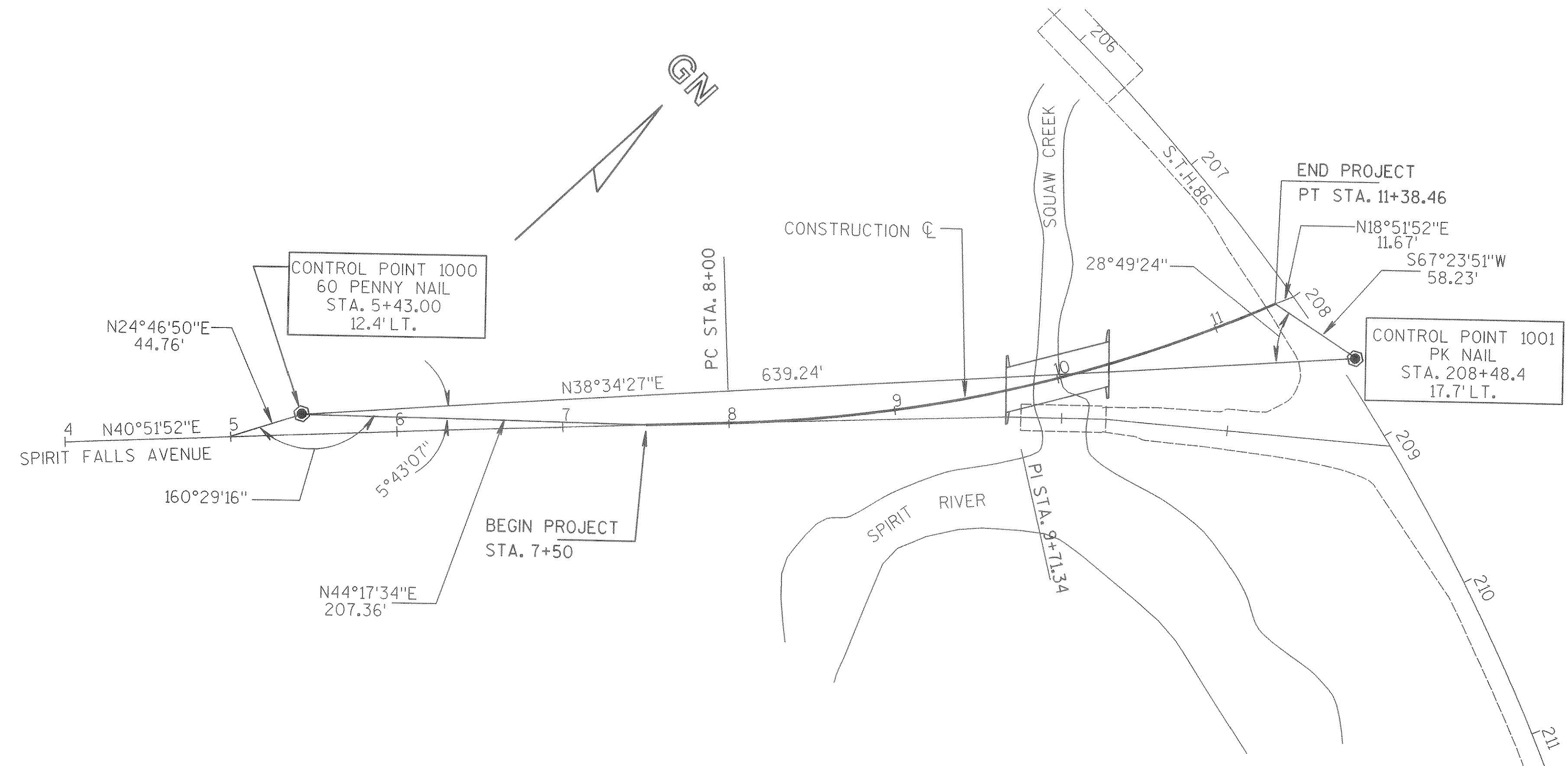
 INDICATES WETLAND MITIGATION AREA  
 PLACE WETLAND SEED MIX NO. 60  
 IN THIS AREA



**GENERAL NOTES**

SALVAGED WETLAND TOPSOIL SHALL BE REMOVED FROM THE WETLAND IMPACT AREA AND PLACED ON THE MITIGATION SITE AS DIRECTED BY THE ENGINEER.  
  
 ALL SALVAGED TOPSOIL SHALL BE UTILIZED ON THE PROJECT.  
  
 ALL AREAS OF THE MITIGATION SITE SHALL BE SEEDED WITH WETLAND SEED MIX NO. 60.  
  
 UNCLASSIFIED EXCAVATION SHALL BE IN ACCORDANCE WITH WISDOT 205.5.1.  
  
 ANY SALVAGED WETLAND TOPSOIL NOT USED ON THE MITIGATION SITE SHALL BE DISPOSED OF AS TOPSOIL ON EMBANKMENTS OR AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATION OF THE WETLAND IMPACT AREA AND MITIGATION SITE SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.  
  
 SILT FENCE SHALL BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.  
  
 GEOTEXTILE FABRIC, TYPE MS, SHALL BE PLACED ON THE WETLAND IMPACT AREA AS SHOWN IN THE CROSS-SECTIONS OR DIRECTED BY THE ENGINEER. WHEN PLACING THE FABRIC, TURN THE EDGES UP TO ENSURE PROPER STABILIZATION. PLACEMENT OF THE FABRIC WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 645 OF THE STANDARD SPECIFICATIONS.  
  
 THE FINISHED MITIGATION SITE SHALL HAVE AN APPROXIMATE ELEVATION OF 1445.75 AND SHALL NOT RETAIN WATER.



CLEARING AND GRUBBING

STATION TO STATION	NO. OF STATIONS CLEARING	NO. OF STATIONS GRUBBING
7+50 - 11+38.46	3.0	3.0

CRUSHED AGGREGATE BASE COURSE

STATION TO STATION	LOCATION	C.Y.
7+50 - 11+38.46	MAINLINE	300
7+50 - 11+38.46	LEFT SHOULDER	100
7+50 - 11+38.46	RIGHT SHOULDER	150
TOTAL		550

SIGNS, TYPE II, REFLECTIVE, & WOOD POSTS

STATION	LOCATION	SIGN	S.F.	WOOD POSTS 4X4-INCH X 10 FEET
9+74	END OF STRUCTURE LT	W5-52L	3	1
9+60	END OF STRUCTURE RT	W5-52R	3	1
10+40	END OF STRUCTURE LT	W5-52R	3	1
10+26	END OF STRUCTURE RT	W5-52L	3	1
TOTAL			12	4

SILT FENCE

STATION	LOCATION	DELIVERED L.F.	INSTALLED L.F.	MAINTENANCE L.F.
7+50 - 10+00	LT & RT	500	500	1000
10+10 - 11+38	RT	200	200	400
10+10 - 11+38	LT	100	100	200
TOTAL		800	800	1600

SAWING EXISTING PAVEMENT

STATION	L.F.
207+25 - 210+00	275
7+50	20
TOTAL	295

ASPHALTIC SURFACE, SPECIAL

LOCATION	S.Y.
SPIRIT FALLS AVE	900

PIPE UNDERDRAIN, 6-INCH

STATION	L.F.
9+67	50
10+33	50
TOTAL	100

GEOTEXTILE FABRIC, TYPE MS

STATION	LOCATION	S.Y.
7+50	MAINLINE LT	537
10+00 - 11+00	MAINLINE LT	313
TOTAL		850

TURBIDITY BARRIER, 4-FOOT

LOCATION	DELIVERED L.F.	INSTALLED L.F.
SOUTH ABUTMENT	110	110
NORTH ABUTMENT	160	160
TOTAL	270	270

GEOTEXTILE FABRIC, TYPE DF

STATION	LOCATION	S.Y.
9+67	PIPE UNDERDRAIN	35
10+33	PIPE UNDERDRAIN	35
TOTAL		70

EROSION CONTROL

STATION TO STATION	LOCATION	TOPSOIL S.Y.	MULCHING S.Y.	FERTILIZER TYPE B CWT.	SEEDING NO. 10 LBS.	SEEDING WETLANDS NO. 60 LBS.	SALVAGED WETLAND TOPSOIL S.Y.
7+50 - 11+38.46	SPIRIT FALLS AVE	1750	2200	1.5	30	---	---
	BORROW PIT	----	----	1.5	30	---	---
	WETLAND	----	----	---	---	10	170
TOTAL		1750	2200	3.0	60	10	170

# CONVENTIONAL SIGNS AND ABBREVIATIONS

- STATE LINE
- COUNTY LINE
- TOWNSHIP AND RANGE LINES
- SECTION LINES
- QUARTER LINE
- SIXTEENTH LINE
- NEW REFERENCE LINE
- NEW R/W LINE
- EXISTING R/W LINE
- PROPERTY LINE
- CORPORATE LIMITS
- LOT, TIE AND OTHER MINOR LINES
- SLOPE INTERCEPTS
- UNDERGROUND FACILITY (GAS, TELEPHONE, ELECTRIC, ETC.)
- FENCE
- TEMPORARY LIMITED EASEMENT
- PERMANENT LIMITED EASEMENT
- BEAM GUARD
- TRANSMISSION TOWER AND LINE

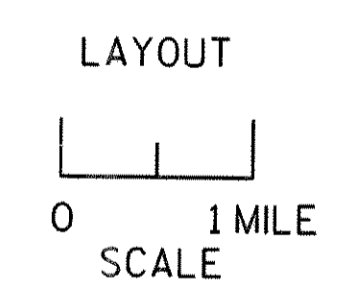
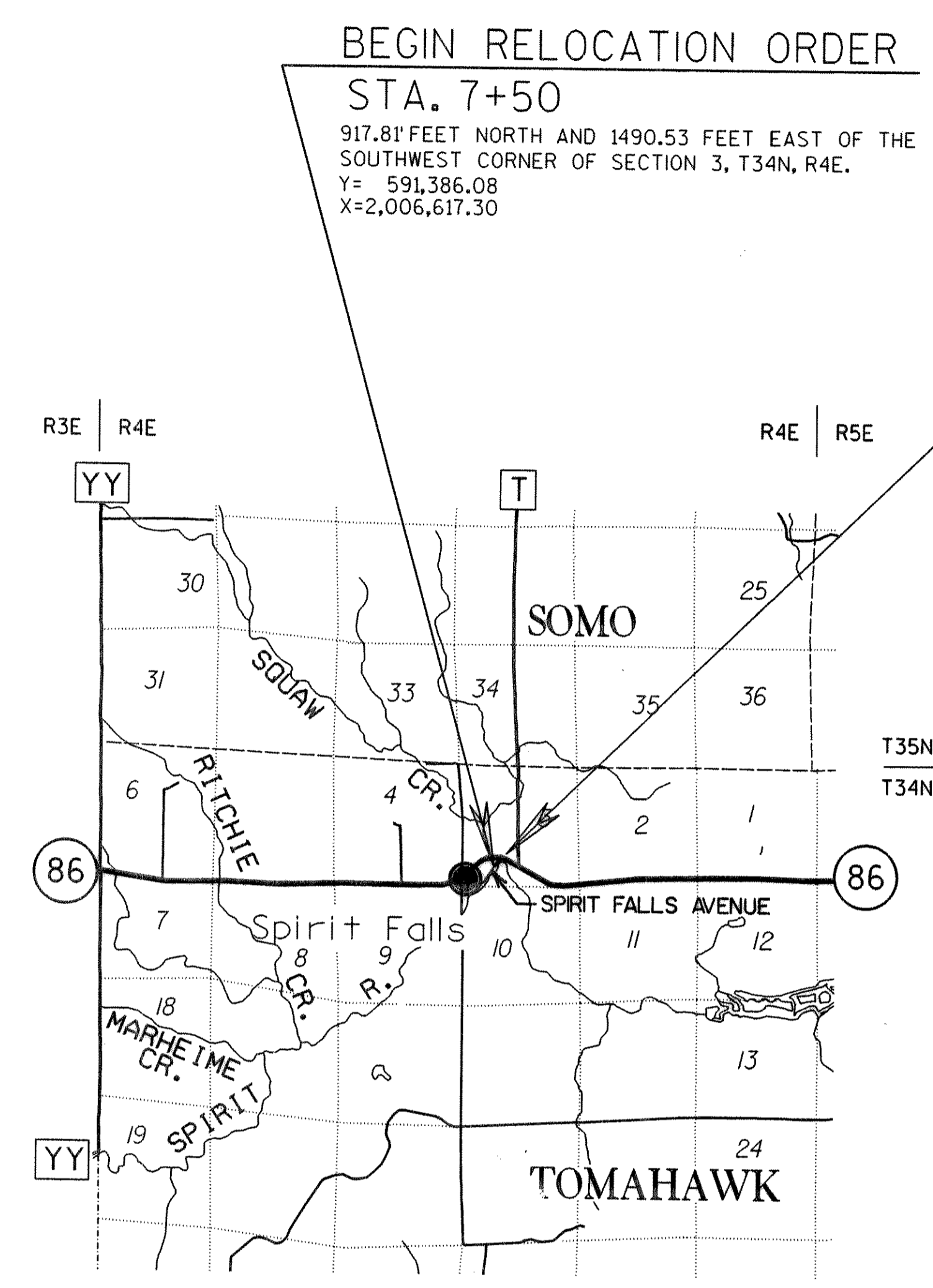
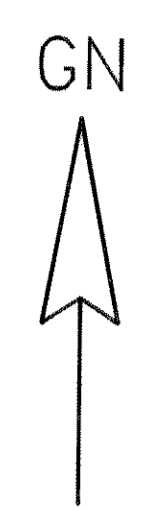
- SECTION CORNER
- HAZARDOUS UTILITY SITE
- BRIDGE
- STREAM OR RIVER
- LAKE
- CULVERT (BOX, PIPE OR CATTLE PASS)
- RAIL LINE

- FOUNDATION OR RUIN
- BUILDING
- CEMETERY
- GAS MARKER OR TELEPHONE PEDESTAL
- IRON PIN
- R/W MONUMENT
- VALVE
- WINDMILL
- SILO, MANHOLE, VENT, SEPTIC VENT, WELL, ETC.
- GAS PUMPS
- BUSHES
- TREES (DECIDUOUS) (CONIFEROUS)
- WOODS

- NO ACCESS (BY ACQUISITION)
- NO ACCESS (BY STATUTORY AUTHORITY)
- NO ACCESS (BY PREVIOUS PROJECT)

- ACRES AC
- AHEAD AH
- AND OTHERS ET AL
- BACK BK
- BARN B
- CENTERLINE C
- CENTRAL ANGLE Δ
- CONCRETE CONC
- CORNER COR
- GARAGE G
- HOUSE H
- LENGTH L
- LONG CHORD LC
- LONG CHORD BEARING
- MONUMENT
- PARKER-KALON FASTENER
- PROPERTY LINE
- RADIUS R
- RIGHT OF WAY
- SECTION
- SHED S
- STATION STA
- TANGENT T
- TEMPORARY LIMITED EASEMENT TLE
- TRANSIT LINE T
- LCB
- MON
- PK
- PL
- R
- R/W
- SEC
- S
- STA
- T
- TLE
- T

	COMPENSABLE	NON-COMPENSABLE
POWER POLE	■	□
TELEPHONE POLE	●	○
ANCHOR	●	○
TELEPHONE PEDESTAL	⊠	⊠



TOTAL NET LENGTH OF CENTERLINE = 0.072 MI.

## NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM CENTRAL ZONE. ALL PLAT DISTANCES ARE GROUND DISTANCES AND MAY BE CONVERTED TO GRID LENGTH BY MULTIPLYING THE DISTANCE BY THE GRID FACTOR PROVIDED ON THE DETAIL SHEET.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW R/W IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINT OF REFERENCE: CENTERLINE OF EXISTING HIGHWAY PAVEMENT FOR SPIRIT FALLS AVENUE AND PREVIOUS STATE PROJECT 9215-05-00 FOR S.T.H. 86.

## SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL	OWNER(S)	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED			TOTAL ACRES REMAINING	T.L.E. ACRES
				NEW	EXISTING	TOTAL		
1	GEORGE P., JR. & DONNA JAHN	FEE	70.32	0.22	0.57	0.79	69.53	--
2	PRICE ELECTRIC COOPERATIVE	RELEASE OF RIGHTS	--	--	--	--	--	--

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

R/W PROJECT NUMBER 9864-03-21	SHEET 4.0	TOTAL SHEETS 2
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR SPIRIT FALLS AVENUE BRIDGE		
SPIRIT FALLS AVENUE		LINCOLN COUNTY
9864-03-70		4.0

END RELOCATION ORDER  
STA. 11+32.59  
1242.22 FEET NORTH AND 1688.14 FEET EAST OF THE SOUTHWEST CORNER OF SECTION 3, T34N, R4E.  
Y= 591,710.10  
X=2,006,815.61

APPROVED FOR  
LINCOLN COUNTY  
BY

12/10/93 *Peter A. Raebel*  
DATE COUNTY HIGHWAY COMMISSIONER

PLANS PREPARED  
BY  
**MEAD & HUNT, INC.**  
CONSULTING ENGINEERS  
MADISON, WISCONSIN

12/11/93

REVISION DATE

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED:  
DATE: \_\_\_\_\_  
DISTRICT DIRECTOR

REVISION DATE	ROUTE COUNTY DATE SPIRIT FALLS AVE LINCOLN	R/W PROJECT NUMBER 9864-03-21	SHEET NUMBER 4.1
	SCALE, FT. 0 50 100	FEDERAL PROJECT NUMBER 9864-03-70	4.1
	GRID FACTOR 1.000095		
	CENTRAL ZONE		

EXISTING R/W ESTABLISHED FROM: SPIRIT FALLS AVENUE - CENTERLINE OF EXISTING PAVEMENT  
S.T.H. 86 - PREVIOUS WISDOT PROJECT 9215-05-00

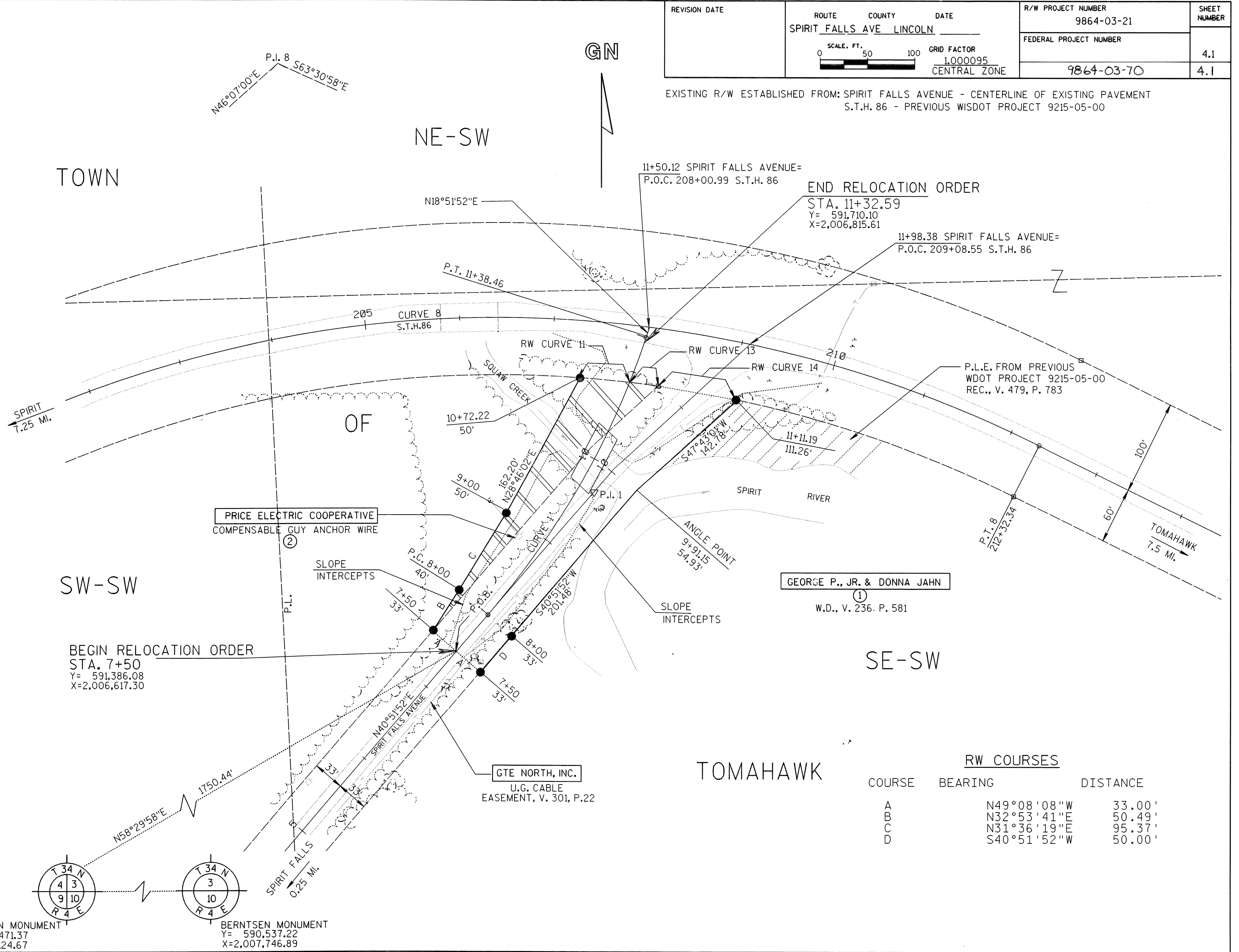
**CURVE 1**  
 PI = 9+71.34  
 Y = 591,553.49  
 X = 2,006,762.13  
 Δ = 22°00'00"  
 D = 06°30'00"  
 R = 881.47'  
 T = 171.34'  
 L = 338.46'  
 LC = N29°51'52"E  
 336.39'

**CURVE 8**  
 PI = 205+66.25  
 Y = 592,003.06  
 X = 2,006,428.85  
 Δ = 70°22'00"  
 D = 04°30'00"  
 R = 1273.24'  
 T = 897.63'  
 L = 1563.72'  
 LC = N81°18'01"E  
 1467.28'

**RW CURVE 11**  
 R = 1213.24'  
 L = 52.42'  
 LC = S84°49'33"E  
 52.42'

**RW CURVE 13**  
 R = 1213.24'  
 L = 30.23'  
 LC = S82°52'27"E  
 30.23'

**RW CURVE 14**  
 R = 1213.24'  
 L = 83.66'  
 LC = S80°11'05"E  
 83.64'



**RW COURSES**

COURSE	BEARING	DISTANCE
A	N49°08'08"W	33.00'
B	N32°53'41"E	50.49'
C	N31°36'19"E	95.37'
D	S40°51'52"W	50.00'

BERNTSEN MONUMENT  
 Y= 590,471.37  
 X=2,005,124.67

BERNTSEN MONUMENT  
 Y= 590,537.22  
 X=2,007,746.89



NO.	STATION	DESCRIPTION	ELEVATION
1	8+14	60d NAIL IN 6" ELM	33.3'RT. 1447.63
2	9+71	60d NAIL ATOP S.W. BRIDGE ABUT. (P-35-16)	25.7'RT. 1451.58
3	205+74	WISDOT DISC ATOP S.W. WING WALL (B-35-99)	15.4'RT. 1460.62

⊕ BENCH MARKS

STATE PROJECT NUMBER  
9864-03-70

SHEET NO  
5.0

PLAN AND PROFILE  
SPIRIT FALLS AVENUE LINCOLN COUNTY

LEGEND

- RIPRAP
- SILT FENCE
- TURBIDITY BARRIERS

CURVE DATA

- P.I. = STA. 9+71.34
- Δ = 22°
- D = 6°30'
- T = 171.34
- L = 338.46
- R = 881.47
- LC = 336.39'
- M = 16.20
- SE = NC
- P.C. = STA. 8+00
- P.T. = STA. 11+38.46

