U.S. ROUTE 5
CURVE DATA
CURVE 1
△ = 5°57'20.1" RT
D = 2°00'00.0"
R = 2864.79'
T = 149.02'
L = 297.78'
E = 3.87'
e = 0.021 FT/FT

U.S. ROUTE 5
CURVE DATA
CURVE 2
△ = 30°06'59.6" RT
D = 3°29'33.9"
R = 1640.42'
T = 441.34'
L = 862.26'
E = 58.33'
e = 0.043 FT/FT

STA 105+50
BEGIN PROJECT BRS-RS 0113 (8)
END APPROACH CONSTRUCTION

TEMPORARY SNOW FENCE (TYP.)
SEE TABLE FOR LOCATIONS

STA 104+60 LT TO STA 105+10 LT
15" x 50' CPEP (SL) WITH DID
SECTION AT INLET AND OUTLET

STA 104+72 LT TO STA 104+98 LT
REMOVE 26' x 18" ACCGMP

STA 104+00 LT TO STA 105+50 LT
CONSTRUCT SPECIAL DITCH

BM 'B'
CHISELED SQUARE
TOP LEDGE OUTCROP
ELEV. 369.18

105+12.4
29' RT.

104+51.7
53' LT.

STA 105+50 LT TO STA 106+60 RT
18" x 128' OPTION PIPE RCP CLB/CPEP (SL) WITH
4' x 4' CONC. DROP INLET AND TYPE A GRATE AT
INLET. REMOVE 2 EXISTING DROP INLETS, 85' x
18" ACCGMP, AND 35' x 24" RCP.

STA 107+50 LT TO STA 109+00 LT
CONSTRUCT SPECIAL DITCH

STA 103+50
BEGIN APPROACH CONSTRUCTION
MATCH EXISTING PAVEMENT

P.I. 100+98.98 AHD
P.I. 102+07.24 BK.=

P.I. 107+97.34 BK.=
P.I. 107+76.92 AHD.

STA 108+00 LT
REMOVE 24" CG
REMOVE 60' x

STA 108+05.
15" x 29' CPE
AT INLET AN
STONE FILL.

AP
RE

16
CVP
9 o
CTC VT
1060

109+03.6
71' LT.

107+85
16' RT.

108+00
(T)

109+00

107+85
30' RT.

110+00
42' RT.

EC. 100+58.32

EC. 103+56.00

MEETING WATERS YMCA, INC.

U.S. ROUTE 5
CURVE 1

N/F TOWN OF
SPRINGFIELD

N 10°16'41.7" E

100+00
101+00
102+00
103+00
104+00
105+00
106+00
107+00
108+00
109+00

50# TAPER

ROCK OUTCROP

CONC. NAIL

2'x2' CONC. CB

8"WP

6" 2'x2' WP CONC. CB

10" ROCK OUTCROP 8"P

U.S. ROUTE 5

24" ACCMP

GRAVEL DRIVEWAY

12 STY INV. HD = 952

R.O.W. BOUND

N/F
WORONICK,
EDWARD F. &
VALERIE A.

BEGIN R.O.W. PROJECT
BRS-RS 0113(8)
STA. 103+67 59' RT.

DRIVE (T)

R.O.W. (T)
BOUND

CONST. (T)

INSTALL (T)

SR(T)

SWALE

CONC. FOUND.

OLD BOARD FENCE

DO NOT DISTURB FRAGILE AREA

SECURE TEMPORARY SNOW FENCE TO EXISTING FENCE (EXISTING FENCE NOT TO BE DISTURBED)

DO NOT DISTURB FRAGILE AREA

3 - 1/4" PVC PIPES CAPPED W/CONCRETE

N.P. WHITE STRUCTURE

IB

IA

ABANDONED GRAVEL DRIVE

BARN FOUNDATION

OLD CONC. STONE FOUND.

CELLAR HOLE

WOODS & BRUSH

CLEAN EXISTING 24" RCP

STA 104+50, RT TO STA 105+50, RT
CONSTRUCT SPECIAL DITCH

ELIMINATE ACCESS HERE

104+61.6
42' RT.

STA 104+60 RT TO STA 105+20 RT
REMOVE 60' x 12" ACCOMP
APPROXIMATE EXISTING R.O.W.

STA 104+90 RT TO STA 105+35 RT
15" x 45' CPEP (SL) WITH 15" END
SECTION AT INLET AND OUTLET

STA 104+00, RT TO STA 110+50, RT
LINE DITCH WITH STONE FILL, TYPE I
8"W x 1'D

STA 105+50 RT TO STA 106+60 RT
6' x 10' UNDERDRAIN W/FLUSHING
BASIN AT STA 105+50 RT
MEETING WATERS YMCA, INC.

STA 106+60, RT STA 107+50, RT
18" x 98' OPTION PIPE RCP CLB/CPEP (SL)
WITH 4' x 4' CONC. DROP INLET AND TYPE
A GRATE AT INLET. REMOVE 100' x 24" RCP.

STA 107+50, RT
PRECAST REINF. CONC. MANHOLE WITH CAST
IRON COVER. CONNECT MANHOLE TO EXISTING
24" RCP.

STA 106+90 RT TO STA 111+00 RT
REMOVE EXISTING WIRE FENCE

STA 109+36 RT TO STA 109+74 RT
MODIFIED ECCENTRIC LOADER
TERMINAL WITH WOOD POSTS

STA 106+50 RT TO STA 110+75 RT
6' x 430' UNDERDRAIN W/FLUSHING
BASIN AT STA 106+50 RT

N.P. WHITE &
S. BROWN STRUCTURE

STA 109+74 RT TO STA 112+99 RT
STEEL BEAM GUARD RAIL WITH
STEEL POSTS

STA 103+67 RT TO STA 105+50, RT
CONSTRUCT SPECIAL DITCH

STA 105+50 RT TO STA 106+60 RT
6' x 10' UNDERDRAIN W/FLUSHING
BASIN AT STA 105+50 RT

APPROX. LOCATION OF S. BROWN STRUCTURE

CONC. SPRING W/ COVER

WOODS

TAKELINE STATIONING (PARCEL 1A)

STATIONING	N.	E.
104+61.6 RT.	11288.491	50174.684
110+00.0 RT.	11743.792	50430.452
112+18.2 RT.	11865.646	50607.264
113+27.2 RT.	11940.883	50686.134
113+71.2 RT.	11971.254	50717.971

DRIVEWAY TABLE

DRIVEWAY LOCATION	RADIUS	WIDTH	REMARKS
U.S. ROUTE 5 STA 103+62±, RT.	30'	35'	GRAVEL
U.S. ROUTE 5 STA 104+85±, LT.	20'	20'	GRAVEL
U.S. ROUTE 5 STA 105+10±, RT.	20'	14'	GRAVEL
U.S. ROUTE 5 STA 108+30±, LT.	20'	22'	GRAVEL

CENTERLINE TIES

P.K. NAIL IN PAV'T. PC STA 100+58.22	P.K. NAIL IN PAV'T P.I. 102+07.24 BK.= P.I. 102+06.98 AHD.	R.R. SPIKE SET P.I. 107+97.34 BK.= P.I. 107+76.92 AHD.
6" N. BIRCH 83.09'	6" POP. 59.45'	CONC. NAIL IN YMCA SIGN POST 4.23'
4" POP. 60.52'	4" POP. 51.27'	36" MAP. 48.82'
10" PINE 71.81'	10" POP. 63.0'	12" ASH 58.00'

TEMPORARY SNOW FENCE TABLE

STATION	OFFSET	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET
105+00	120' LT	108+30	175' LT	102+50	87' RT	105+40	140' RT
105+00	60' LT	108+45	52' LT	103+58	78' RT	105+30	52' RT
106+50	55' LT	110+00	55' LT	104+00	100' RT	106+60	58' RT
108+17	52' LT	110+80	55' LT	105+00	57' RT	107+50	115' RT
108+00	205' LT	111+75	100' LT	105+10	140' RT	109+00	165' RT
		112+75	130' LT			109+00	125' RT
		113+00	130' LT			107+50	67' RT
						110+80	80' RT
						110+35	200' RT

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A