

D-9012 CADD (02-90) REVISION (10-04) PLOTTED: 25-JUL-2008 08:30

PLAN PREPARATION  
 DESIGNER RANDALL K WEBSTER, PE

FEDERAL PROJECT NO. X036-122-LICO

BON	DISTRICT	COUNTY	TOWNSHIP	BOROUGH	ROUTE	SECTION	TOTAL SHEETS	
	3-0	SULLIVAN	CHERRY		87	059 R/W	11	
WBS ELEMENT								
T/P	SYS	SR or WO	SPUR	PHA	SECTION	ORG.	PRG.	P_C
P	3	0 0 0 8 7	0	6	0 5 9	0 3 6 0	3 5 2	1

SR 87 PREVIOUSLY KNOWN AS LR 472 MPMS NO 7010

# COMMONWEALTH OF PENNSYLVANIA



## DEPARTMENT OF TRANSPORTATION

### DRAWINGS AUTHORIZING ACQUISITION

OF

### RIGHT-OF-WAY

FOR

STATE ROUTE 87 SECTION 059 R/W

IN SULLIVAN COUNTY

FROM STA 59+00.00 TO STA 66+48.73 LENGTH 748.73 FT 0.142 MI

FROM SEG 0460 OFFSET 0745 TO SEG 0460 OFFSET 1494

THIS PLAN PREPARED PURSUANT TO SECTION 2003(e) OF THE ADMINISTRATIVE CODE, AS AMENDED, 71 P.S. SECTION 513(e), AND SECTION 302(b)(3) OF THE EMINENT DOMAIN CODE, 26 Pa. C.S., SECTION 302(b)(3).

#### SCALE



#### DESIGN DESIGNATION

HIGHWAY CLASSIFICATION - RURAL MINOR ARTERIAL  
 DESIGN SPEED - 60 MPH (55 MPH POSTED)  
 PAVEMENT WIDTH - 24'  
 SHOULDER WIDTH - 6'

#### TRAFFIC DATA

CURRENT ADT - 1293 (2009)  
 DESIGN YEAR ADT - 1921 (2029)  
 DHV - 193 (10%)  
 D - 50%  
 T - 8%

RECORDED IN THE OFFICE FOR THE RECORDING OF DEEDS, ETC. IN <u>SULLIVAN</u> COUNTY, PA.  IN _____ BOOK _____ PAGE _____  WITNESS MY HAND AND SEAL OF OFFICE  _____ RECORDER	COMMONWEALTH OF PENNSYLVANIA COUNTY OF DAUPHIN SS BEFORE ME, A NOTARY PUBLIC, PERSONALLY CAME _____ SECRETARY OF TRANSPORTATION, WHO ACKNOWLEDGED THE WITHIN PLAN, COMPRISING _____ SEPARATE SHEETS, TO BE AN OFFICIAL PLAN OF THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION AND DESIRED THAT THE SAME BE RECORDED AS SUCH. WITNESS MY HAND AND NOTARIAL SEAL _____
--	--

THOMAS R. POPLOSKIE, PLS DISTRICT CHIEF OF SURVEYS DATE: _____	PREPARED BY: <b>DISTRICT 3-0          PLANS UNIT</b>  ERIC EDWARD HIGH, PE ASSISTANT DISTRICT EXECUTIVE DATE: _____	RECOMMENDED DATE: _____ _____ DISTRICT PLANS ENGINEER RECOMMENDED DATE: _____ _____ DISTRICT EXECUTIVE RECOMMENDED DATE: _____ _____ DEPUTY SECRETARY APPROVED DATE: _____ _____ SECRETARY OF TRANSPORTATION (ON BEHALF OF THE GOVERNOR AS WELL AS HIMSELF)
--	--	--

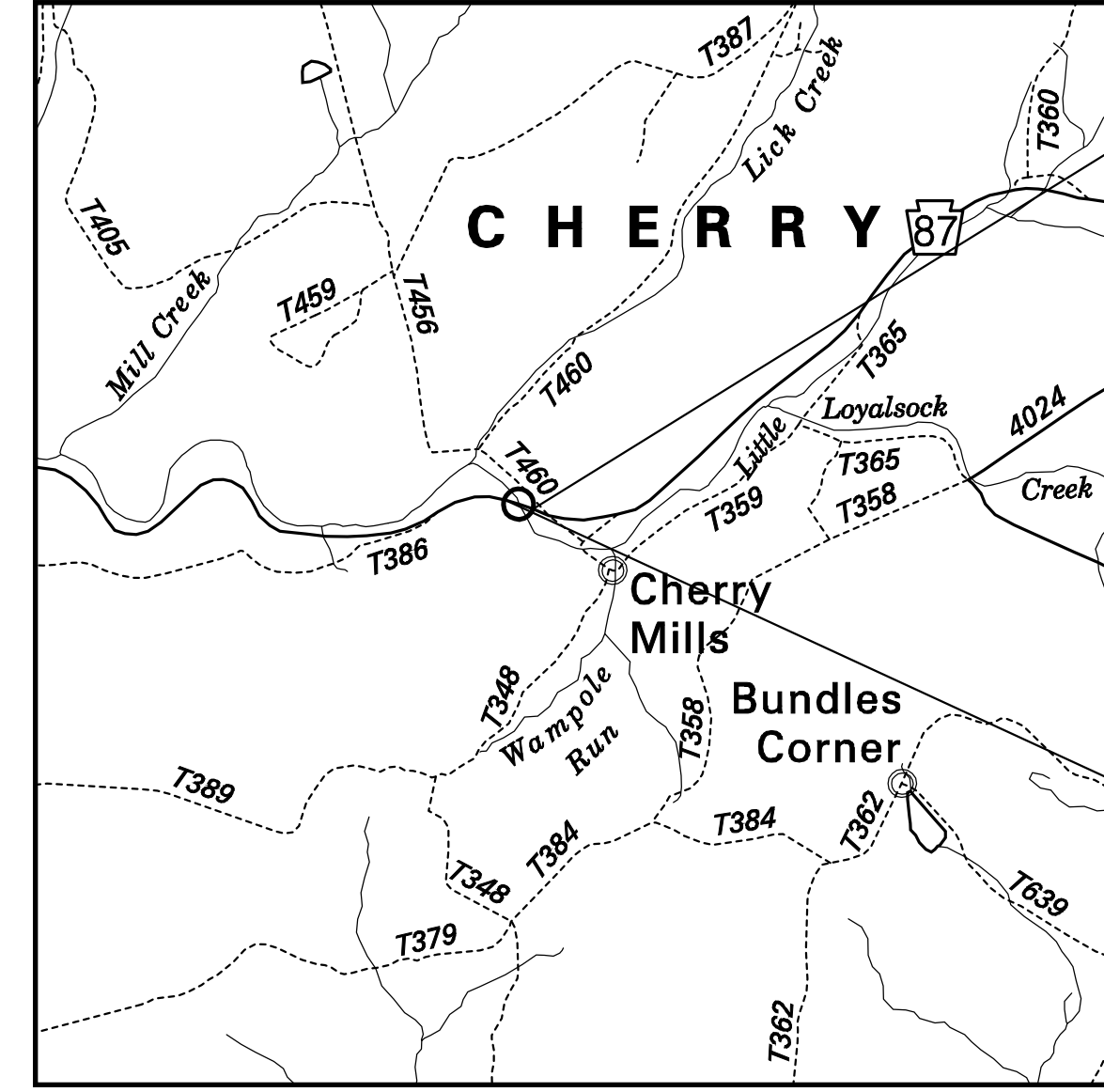
OPERATOR: G:\r\d1\Sul-87-059\ROW\PLAN\60087059.typ

D-9012 CADD (02-90) REVISED (10-04) PLOTTED: 25-JUL-2008 08:30

REVISION NUMBER	REVISIONS	DATE	BY

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	2 OF 11

**LOCATION MAP**



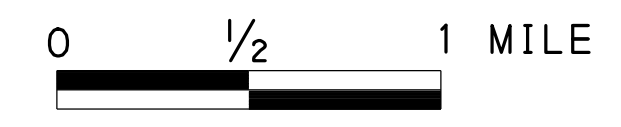
**LIMIT OF AUTHORIZATION**  
 STA 66+48.73  
 SEGMENT 0460 OFFSET 1494  
 SR 87 SECTION 059 R/W  
 CHERRY TOWNSHIP  
 SULLIVAN COUNTY

**LIMIT OF AUTHORIZATION**  
 STA 59+00.00  
 SEGMENT 0460 OFFSET 0745  
 SR 87 SECTION 059 R/W  
 CHERRY TOWNSHIP  
 SULLIVAN COUNTY

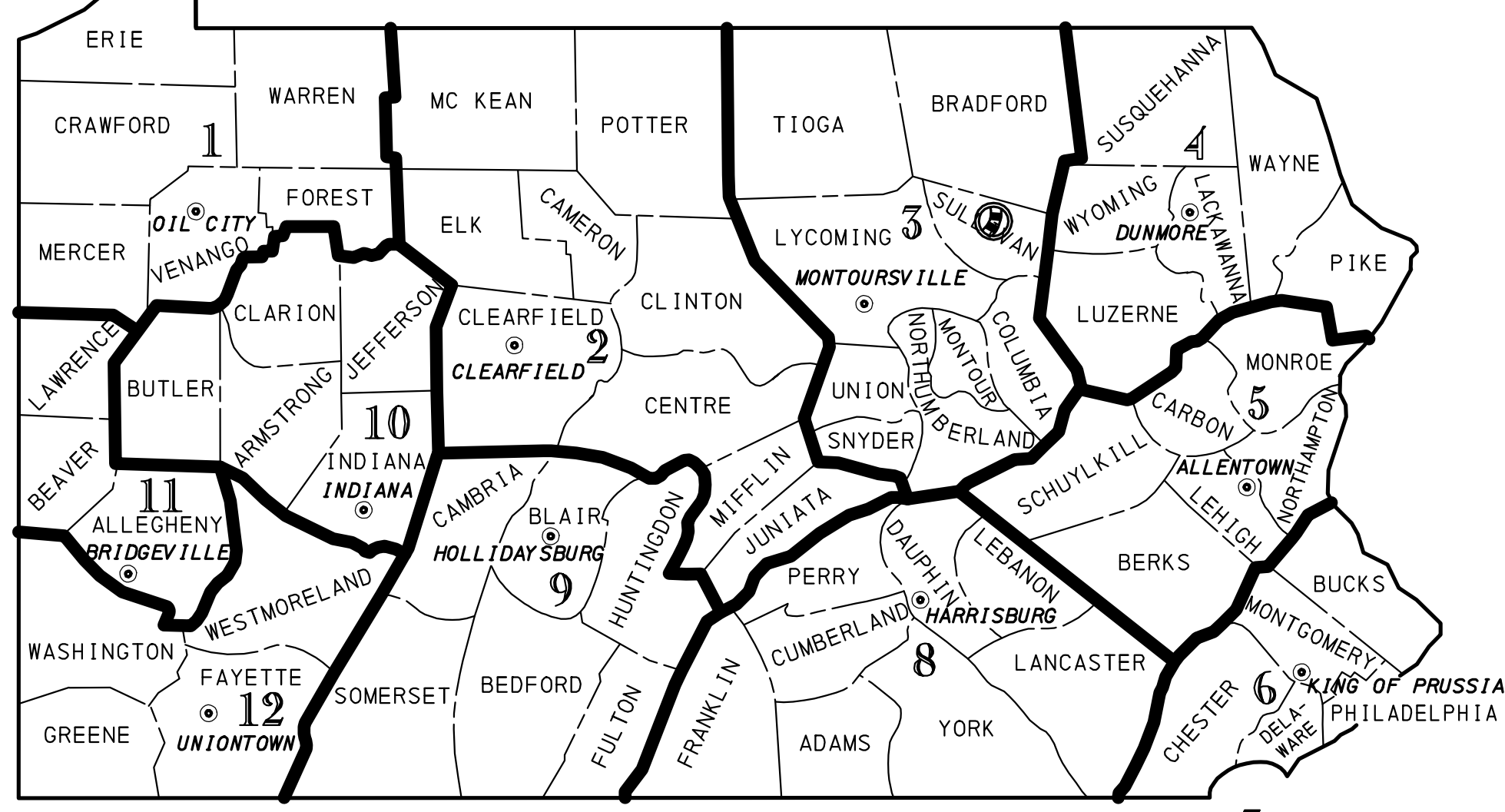
**LEGEND**

- STATE ROUTE
- - - TOWNSHIP ROAD
- PROJECT

**SCALE**



**PENNSYLVANIA**



- 3 DISTRICT
- DISTRICT OFFICE
- ⊙ PROJECT LOCATION

**TABULATION OF AUTHORIZATION LENGTH**

LIMIT OF AUTHORIZATION STA 59+00.00 TO END AUTHORIZATION STA 65+60.60 = 660.60 FEET  
 BEGIN AUTHORIZATION STA 65+92.86 TO LIMIT OF AUTHORIZATION STA 66+48.73 = 55.87 FEET  
 TOTAL LENGTH = 716.47 FEET = 0.136 MILES

**TABULATION OF OVERALL LENGTH**

LIMIT OF AUTHORIZATION STA 59+00.00 TO LIMIT OF AUTHORIZATION STA 66+48.73 = 748.73 FEET = 0.142 MILES

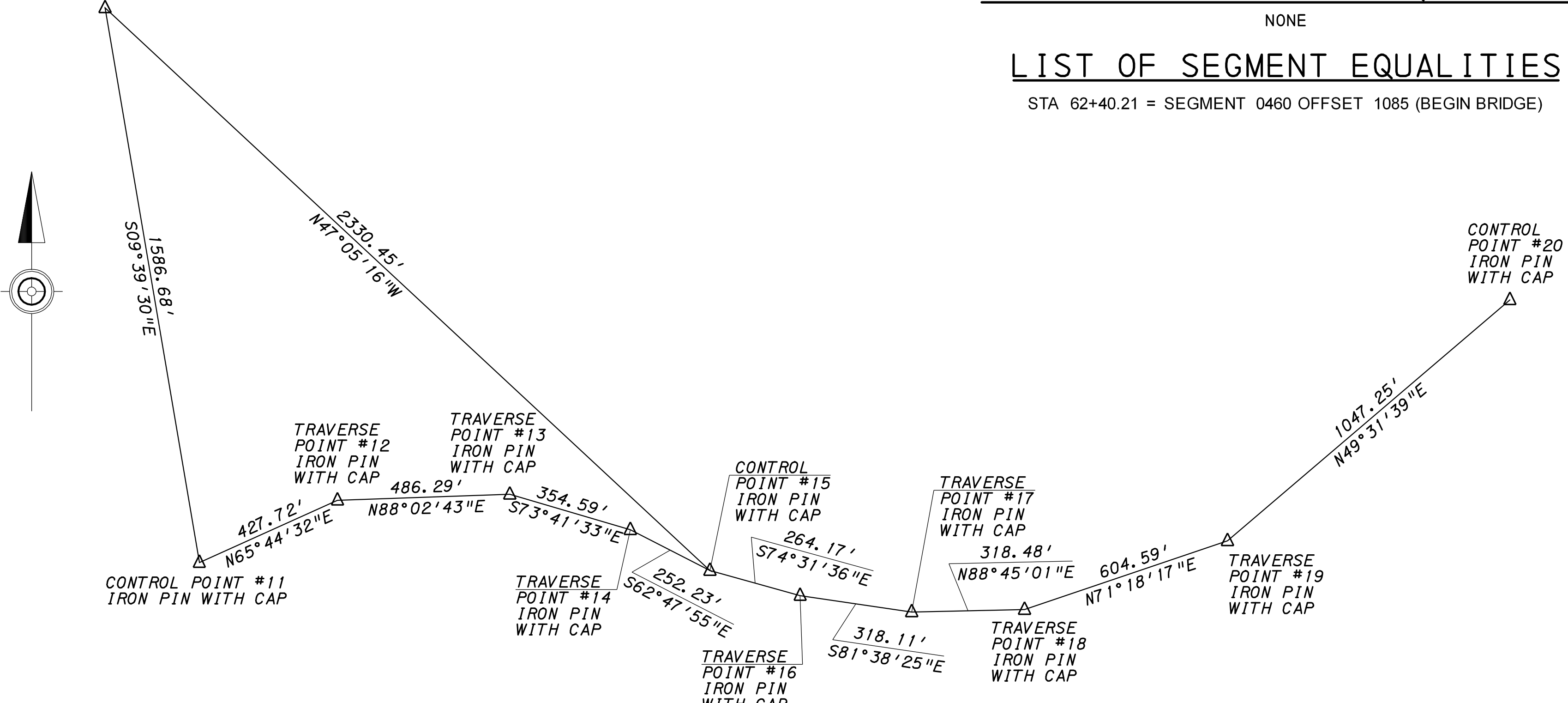
**LIST OF STATIONING EQUALITIES**

NONE

**LIST OF SEGMENT EQUALITIES**

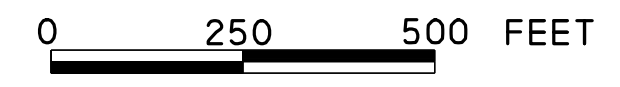
STA 62+40.21 = SEGMENT 0460 OFFSET 1085 (BEGIN BRIDGE)

CONTROL POINT C246  
 CONCRETE MONUMENT



**CONTROL TRAVERSE SKETCH**

**SCALE**



SHEET INDEX	
DESCRIPTION	SHEET
TITLE SHEET	1
LOCATION MAP, GENERAL NOTES, AND TRAVERSE SKETCH	2
COORDINATE LISTINGS	3
TYPICAL SECTIONS	4
TYPICAL SECTIONS AND RIGHT-OF-WAY CLAIM INFORMATION	5
PLAN SHEETS	6 & 7
PROFILE SHEETS	8 - 11

THE LEGAL RIGHT-OF-WAY ON SR 87, FORMERLY LR 472, FROM STA 59+00.00 TO STA 66+48.73 VARIES IN WIDTH BASED ON THE PLAN OF LR 472 SECTION 1 SIGNED BY THE GOVERNOR ON MARCH 30, 1932.

THE LEGAL RIGHT-OF-WAY ON T-460 IS 33 FEET, BASED ON THE ACT OF MAY 1, 1933, P.L. 103, SECTION 1105, AS AMENDED.

ALL REQUIRED RIGHT-OF-WAY FOR THIS PROJECT SHALL BE ACQUIRED AS EASEMENT FOR HIGHWAY PURPOSES. AREAS, IF ANY NOT TO BE ACQUIRED AS EASEMENT FOR HIGHWAY PURPOSES SHALL BE ACQUIRED IN THE LESSER ESTATE OR INTEREST NOTED ON THE PLAN SHEET.

PRIVATE PROPERTY LINES ARE PLOTTED FROM THE DEED OF RECORD RECORDED SUBDIVISION OR LOT PLANS, EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT.

THE FILING OF THIS PLAN IS NOT A CONDEMNATION OF THE PROPERTIES DESIGNATED THEREIN AND DOES NOT IN ANY MANNER WHATSOEVER RESTRICT THE USE OR DISPOSAL THEREOF. AUTHORIZATION TO CONDEMN UNDER THIS PLAN EXTENDS FOR ONLY ONE YEAR FROM THE DATE OF THE SECRETARY'S SIGNATURE INITIALLY AUTHORIZING ACQUISITION OR SUBSEQUENTLY REVISING THE PLAN OR REAUTHORIZING ACQUISITION THEREUNDER.

TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

SLOPE EASEMENT. AN EASEMENT FOR THE SUPPORT AND PROTECTION OF THE HIGHWAY, INCLUDING THE RIGHT TO CONSTRUCT, INSPECT, MAINTAIN, REPAIR, RECONSTRUCT AND ALTER DRAINAGE FACILITIES AND THE CONTOUR OF THE LAND. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO THE NECESSARY SUPPORT AND PROTECTION OF THE HIGHWAY RIGHT-OF-WAY AND THE SAFETY OF THE TRAVELING PUBLIC.

DEMOLISH AND REMOVE BUILDINGS AND STRUCTURES MARKED [D] AS LUMP SUM ITEMS AT THE LOCATIONS INDICATED.

⊕ INDICATES SCALED DIMENSIONS.

BENCH MARK ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD) 1988.

THE HORIZONTAL CONTROL IS TIED TO THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NORTH ZONE), NORTH AMERICAN DATUM (NAD) 1983(96).

ALL CURVE DATA IS BASED ON THE ARC DEFINITION UNLESS OTHERWISE INDICATED.

AVERAGE COMBINED GRID FACTOR: 0.99989092

+85.04 INDICATES PROPOSED MONUMENTED  
 ⊕ 50.00' DIMENSIONS.

⊕ PROPOSED RIGHT-OF-WAY MONUMENT POINT (NO. 5 REBAR, 24" LENGTH, WITH 2" ALUMINUM CAP, MASONRY NAIL IN PAVED AREAS OR DRILL HOLE IN CONCRETE AREAS.)

PERMANENT MONUMENTATION OF POINTS WILL BE DONE BY DEPARTMENT FORCES AFTER CONSTRUCTION IS COMPLETED.

LITTLE LOYALSOCK CREEK IS A NAVIGABLE STREAM.

THE FOLLOWING SYMBOL IS USED TO DEPICT THE SLOPE LIMITS: ---C---F---

PROPERTY DEEDS VERIFIED AS OF 6/5/2008

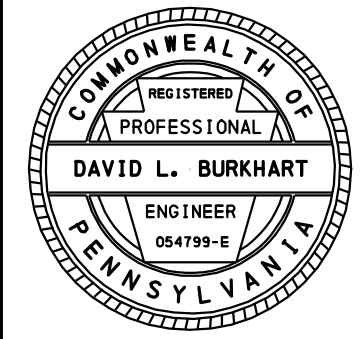
THREE WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE PA ONE-CALL SYSTEM INC., PHONE 1-800-242-1776. SERIAL NO 3565841 HAS BEEN ASSIGNED TO THIS PROJECT.

**PUBLIC UTILITIES**

BLUE RIDGE COMMUNICATIONS  
 PO BOX 141  
 TUNKHANNOCK PA 18657  
 ATTN: RICHARD HEBDA  
 PH: 1-800-834-2060 EXT 2675

FRONTIER COMMUNICATIONS  
 120 CTE DRIVE  
 DALLAS PA 18612  
 ATTN: JEFF BOLTON  
 PH: 570-631-6710

PENNSYLVANIA ELECTRIC COMPANY  
 1 PLAZA DRIVE NORTH  
 TOWANDA PA 18848  
 ATTN: TERRY BURLEW  
 PH: 570-265-1207



OPERATOR: G:\AT\1-87-059\ROW\PLAN\60087059\_1.TYP

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	3 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

SUMMARY OF PROJECT COORDINATES					
BASED ON STATE PLANE COORDINATE SYSTEM					
ROUTE	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
** SR 87 R/W B	50+00.00	POT	490575.6119	2319554.5366	
	52+00.00	PC	490680.9100	2319724.5728	N 58°13'53" E
	57+22.22	PI	490955.8513	2320168.5505	
	61+78.36	PT	490795.8809	2320665.6604	S 72°09'42" E
	67+85.23	PC	490609.9763	2321243.3609	
	77+60.01	PI	490311.3737	2322171.2716	N 46°41'29" E
	85+46.13	PT	490979.9963	2322880.5852	
** TEMPORARY ROADWAY B	10+00.00	POT	490847.8164	2320392.9077	
	12+06.99	PC	490878.9582	2320597.5423	N 81°20'49" E
	14+33.84	PI	490913.0884	2320821.8136	
	16+29.10	PT	490757.3398	2320986.7524	S 46°38'30" E
	17+72.25	POE	490659.0606	2321090.8308	
ROUTE	POINT	COORDINATES		BEARING	
		NORTH	EAST		
* TRAVERSE	C246	492220.3210	2319383.6030	S 9°39'30" E	
	TRAV#11	490656.1315	2319649.8012	N 65°44'32" E	
	TRAV#12	490831.8553	2320039.7517	N 88°02'43" E	
	TRAV#13	490848.4415	2320525.7607	S 73°41'33" E	
	TRAV#14	490748.8759	2320866.0813	S 62°47'55" E	
	TRAV#15	490633.5750	2321090.4195	N 47°05'16" W	
	C246	492220.3210	2319383.6030		
	TRAV#15	490633.5750	2321090.4195	S 74°31'36" E	
	TRAV#16	490563.0958	2321345.0183	S 81°38'25" E	
	TRAV#17	490516.8477	2321659.7432	N 88°45'01" E	
	TRAV#18	490523.7943	2321978.1497	N 71°18'17" E	
	TRAV#19	490717.5877	2322550.8406	N 49°31'39" E	
	TRAV#20	491397.3381	2323347.5017		

NOTE: FOUR PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY PRECISION BEYOND TWO DECIMAL PLACES.

\* COORDINATES ESTABLISHED FROM FIELD SURVEY.

\*\* COORDINATES ESTABLISHED FROM COORDINATE GEOMETRY.

### SUMMARY OF PROJECT RIGHT-OF-WAY COORDINATES

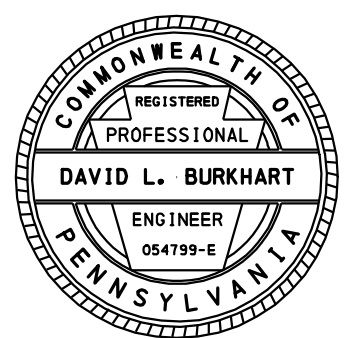
BASED ON STATE PLANE COORDINATE SYSTEM

	STATION	SIDE	OFFSET	COORDINATES	
				NORTH	EAST
⊕	59+00.00	RT	25.00	490822.8717	2320391.2834
	59+00.00	RT	40.00	490807.9034	2320390.3091
	60+50.00	RT	40.00	490788.9635	2320533.6473
	60+50.00	RT	30.00	490798.7686	2320535.6118
	61+78.36	RT	30.00	490767.3231	2320656.4705
	61+78.36	RT	40.00	490757.8039	2320653.4072
	62+25.00	RT	40.00	490743.5158	2320697.8075
	62+25.00	RT	50.00	490733.9965	2320694.7442
	63+75.00	RT	50.00	490688.0470	2320837.5330
	63+75.00	RT	65.00	490673.7681	2320832.9380
	65+00.00	RT	65.00	490635.4768	2320951.9287
	65+00.00	RT	40.00	490659.2749	2320959.5869
	65+50.00	RT	40.00	490643.9584	2321007.1832
	65+50.00	RT	25.00	490658.2373	2321011.7782
	⊕	59+00.00	LT	25.00	490872.7661
59+00.00		LT	45.00	490892.7239	2320395.8304
61+78.36		LT	45.00	490838.7175	2320679.4453
64+25.00		LT	45.00	490763.1633	2320914.2306
64+25.00		LT	35.00	490753.6441	2320911.1673
65+60.36		LT	35.00	490712.1787	2321040.0213
65+60.60		LT	25.00	490702.5874	2321037.1822
⊕	62+25.00	RT	50.00	490733.9965	2320694.7442
	62+25.00	RT	65.00	490719.7177	2320690.1492
	63+75.00	RT	65.00	490673.7681	2320832.9380
	59+00.00	LT	45.00	490892.7239	2320395.8304
	62+00.00	LT	160.00	490941.5591	2320735.2755
	64+50.00	LT	137.34	490843.4073	2320966.3158
	65+59.41	LT	75.49	490751.0186	2321051.5183
	65+60.36	LT	35.00	490712.1787	2321040.0213
	65+92.86	LT	56.58	490722.7683	2321077.5713
	65+93.61	LT	25.00	490692.4757	2321068.6044
	66+48.73	LT	25.00	490675.5885	2321121.0814

NOTE: FOUR PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY PRECISION BEYOND TWO DECIMAL PLACES.

\*\* COORDINATES ESTABLISHED FROM COORDINATE GEOMETRY.

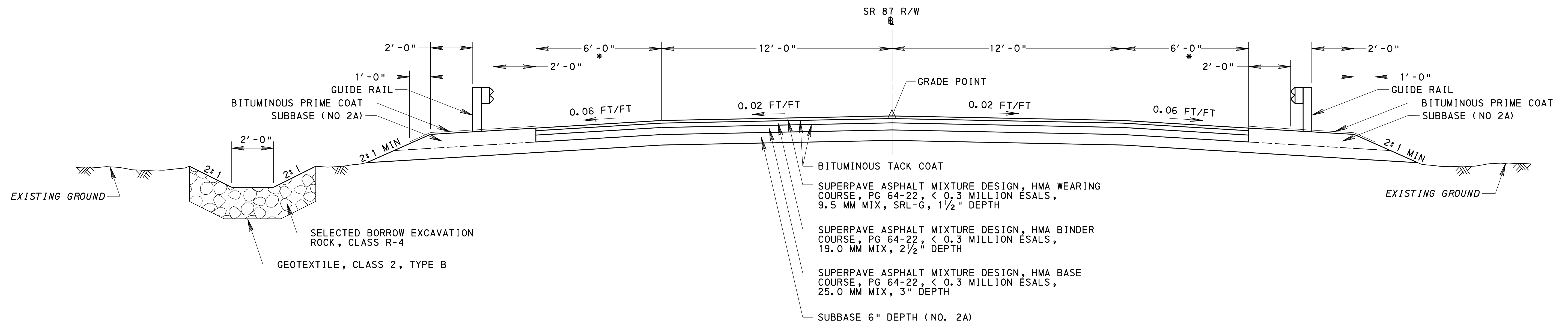
⊕ PROPOSED RIGHT-OF-WAY MONUMENT POINT (NO. 5 REBAR, 24" LENGTH, WITH 2" ALUMINUM CAP, MASONRY NAIL IN PAVED AREAS OR DRILL HOLE IN CONCRETE AREAS)



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	4 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

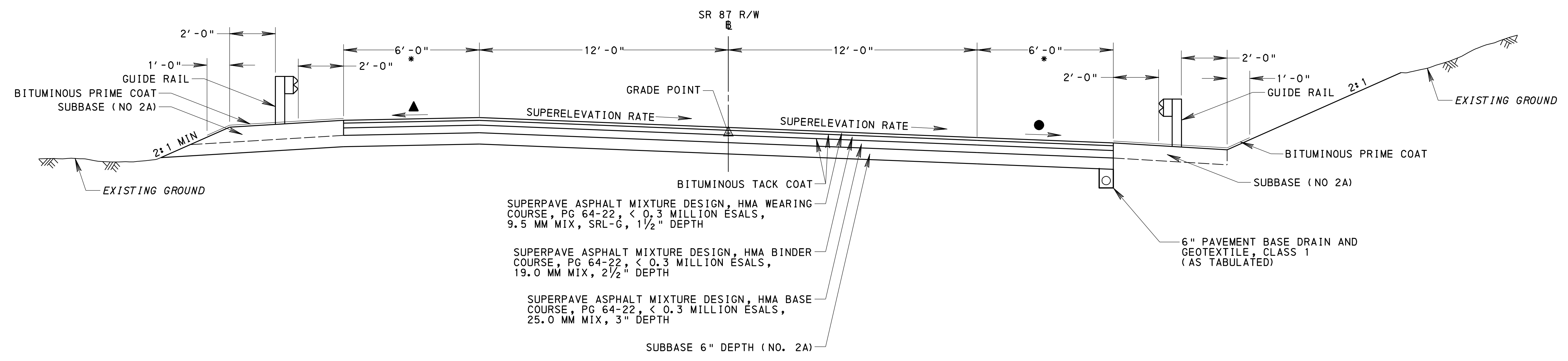
PLOTTED: 25-JUL-2008 08:31

D-9012 CADD (02-90) REVISED (10-04)



### SR 87 TYPICAL RECONSTRUCTION TANGENT SECTION

STA 63+73.36 TO STA 65+00.00

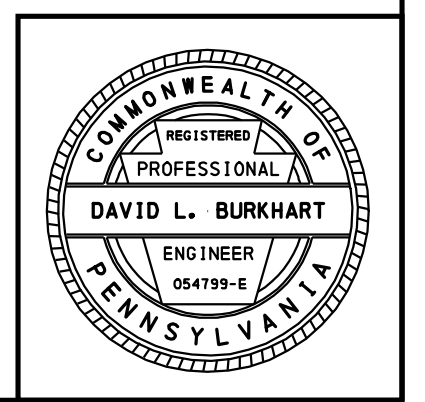


### SR 87 TYPICAL RECONSTRUCTION SUPERELEVATED SECTION

STA 59+00.00 TO STA 63+73.36

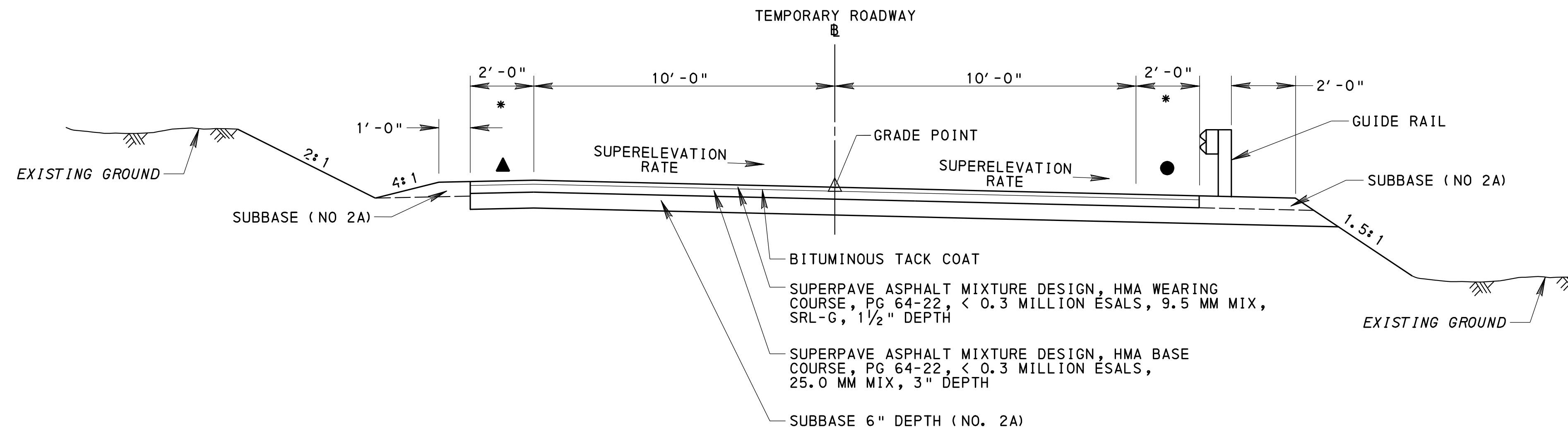
#### LEGEND

- \* EFFECTIVE SHOULDER AREA
- ▲ SLOPE THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATED SECTION 0.02 FT/FT AWAY FROM THE PAVEMENT WHEN THE SUPERELEVATION EXCEEDS 0.02 FT/FT.
- SLOPE THE SHOULDER ON THE LOW SIDE OF THE SUPERELEVATED SECTION AT THE SAME RATE AS THE PAVEMENT WHEN THE RATE OF PAVEMENT SLOPE EXCEEDS THE REQUIRED SHOULDER SLOPE OF 0.06 FT/FT.



OPERATOR: G:\r-d1\Sul-87-059\ROW\PLAN\60087059.TYP

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	5 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	



**TEMPORARY ROADWAY TYPICAL SECTION**

STA 10+00.00 TO STA 17+72.25

**RIGHT-OF-WAY CLAIM INFORMATION**

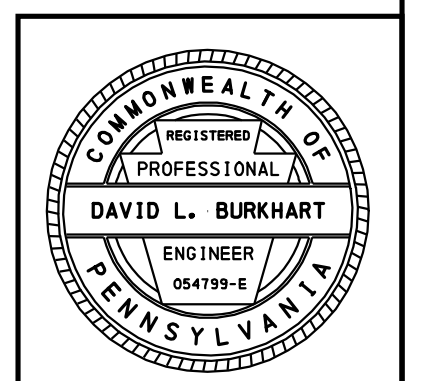
PARCEL NUMBER	PROPERTY OWNER	DEED BOOK	DATE OF DEED	DEED AREA	ADVERSE AREA	LEGAL R/W AREA	EFFECTIVE AREA	REQUIRED R/W AREA	TEMPORARY CONSTRUCTION EASEMENT AREA	RESIDUE TOTAL
	GRANTOR	PAGE	DATE OF RECORD							
1	KEVIN R. KLINE AND COLLEEN E. KLINE, HUSBAND AND WIFE	045	10/15/1998	0.76 ACRES *	—	0.17 ACRES 7,287 SF	0.59 ACRES 25,819 SF	0.109 ACRES 4,759 SF	—	0.48 ACRES 21,060 SF
	LINCOLN HUNTING CLUB	0222	10/19/1998							
2	ROBERT W. SWEIGART AND DAWN M. SWEIGART, HUSBAND AND WIFE	***	09/20/2007	20,000 SF	—	0.11 ACRES 4,990 SF	0.34 ACRES 15,010 SF	0.061 ACRES 2,661 SF	0.027 ACRES 1,163 SF	0.28 ACRES 12,349 SF
	CAROLINE M. SPADE	***	10/11/2007							
3	SCOTT K. FLETCHER AND TRACEY A. FLETCHER, HIS WIFE	022	12/13/1994	32.69 ACRES *	0.46 ACRES	**	**	0.243 ACRES 10,564 SF	0.333 ACRES 14,516 SF	**
	HAROLD R. SPECHT AND VIRGINIA M. SPECHT, HIS WIFE	0449	12/14/1994							
4	RAYMOND J. MCDONALD AND LINDA L. MCDONALD, HIS WIFE	85	10/15/1973	5.5 ACRES *	**	**	**	0.089 ACRES 3,866 SF	0.713 ACRES 31,061 SF	**
	EUNICE HEMBURY	809	03/15/1974							

PRIVATE PROPERTY LINES ARE PLOTTED FROM THE DEED OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT.

- \* ASSESSED ACREAGE
- \*\* DUE TO THE COMPLEXITY OF THE DEED, THESE AREAS WERE NOT CALCULATED.
- \*\*\* INSTRUMENT # 200701902

**LEGEND**

- \* EFFECTIVE SHOULDER AREA
- ▲ SLOPE THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATED SECTION 0.02 FT/FT AWAY FROM THE PAVEMENT WHEN THE SUPERELEVATION EXCEEDS 0.02 FT/FT.
- SLOPE THE SHOULDER ON THE LOW SIDE OF THE SUPERELEVATED SECTION AT THE SAME RATE AS THE PAVEMENT WHEN THE RATE OF PAVEMENT SLOPE EXCEEDS THE REQUIRED SHOULDER SLOPE OF 0.06 FT/FT.



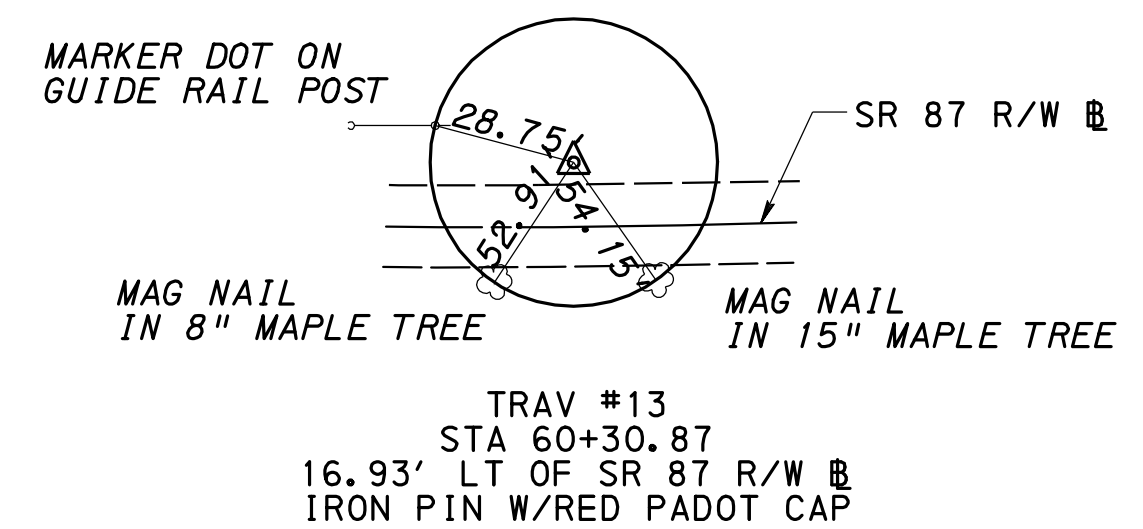
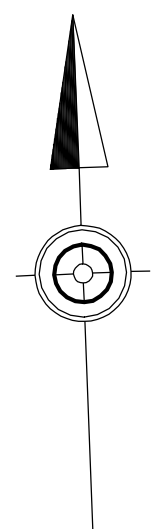
OPERATOR: G:\r-d1\Su1-87-059\ROW\PLAN\60087059.dwg  
 FILE NAME: G:\r-d1\Su1-87-059\ROW\PLAN\60087059.dwg  
 D-9012 CADD (02-90) REVISED (10-04)  
 PLOTTED: 25-JUL-2008 08:31

PLOTTED: 25-JUL-2008 08:31

D-9012 CADD (02-90) REVISED (10-94)

OPERATOR: G:\ATD\SUI-87-059\ROW\PLAN\60087059.dwg

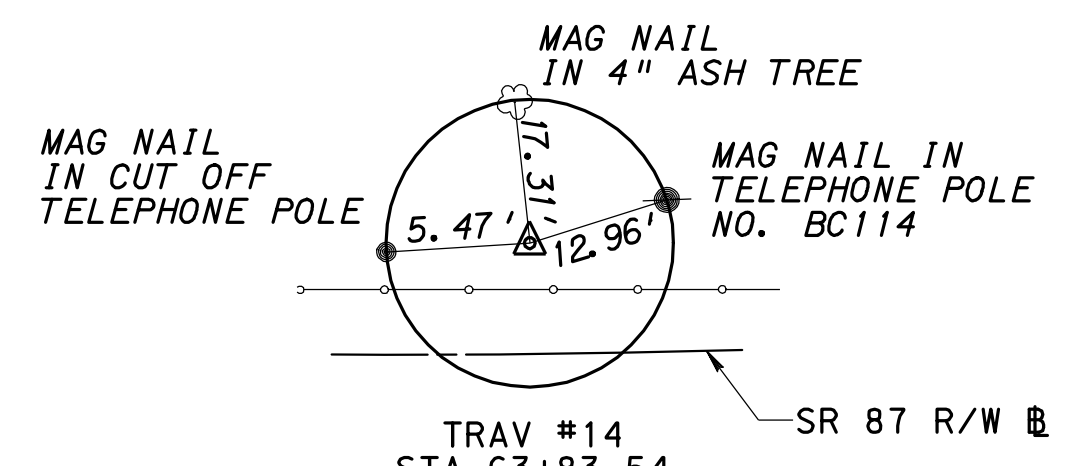
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	6 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	



BM #2 ELEV 1296.66'  
RR SPIKE IN 18" MAPLE TREE  
49.70' RT OF SR 87 R/W AT STA 60+72.55

BM #91 HLZ 1968 ELEV 1293.92'  
BRASS DISC IN THE SOUTHWEST CORNER  
PARAPET OF THE BRIDGE OVER THE  
LITTLE LOYALSOCK CREEK  
11.89' RT OF SR 87 R/W AT STA 62+57.62

BM #3 ELEV 1289.30'  
CUT SPIKE IN 12" HEMLOCK TREE  
110.33' RT OF SR 87 R/W AT STA 62+94.20



③  
SCOTT K. FLETCHER AND TRACEY A. FLETCHER,  
HIS WIFE  
TAX MAP 71, PARCEL 0014

④  
RAYMOND J. MCDONALD  
AND LINDA L. MCDONALD,  
HIS WIFE  
TAX MAP 71, PARCEL 0005

LIMIT OF AUTHORIZATION  
STA 59+00.00  
SEGMENT 0460 OFFSET 0745  
SR 87 SECTION 059 R/W  
CHERRY TOWNSHIP  
SULLIVAN COUNTY

LEGAL RIGHT-OF-WAY LINE  
POC STA 59+00.00 SR 87 R/W =  
POT STA 10+00.00 TEMPORARY ROADWAY

SR 87 R/W CURVE DATA  
PI STA 57+22.22  
Δ = 49°36'25" RT  
D = 5°04'14"  
T = 522.22'  
L = 978.36'  
R = 1130.00'  
E = 114.83'  
PC STA 52+00.00  
PT STA 61+78.36

③  
SCOTT K. FLETCHER AND TRACEY A. FLETCHER,  
HIS WIFE  
TAX MAP 71, PARCEL 0014

②  
ROBERT W. SWEIGART AND  
DAWN M. SWEIGART,  
HUSBAND AND WIFE  
TAX MAP 71, PARCEL 0015

**HYDRAULIC DATA**

DRAINAGE AREA=19.6 SQ MI  
DESIGN FLOOD:  
MAGNITUDE=3574 CFS  
FREQUENCY=25 YEARS  
VELOCITY=6.35 FPS  
PERT. W. S. ELEV.=1285.35

100 YR. FLOOD RISK ASSESSMENT:  
MAGNITUDE=5681 CFS  
VELOCITY=7.20 FPS  
W. S. ELEV.=1288.01

FLOOD OF RECORD  
1996 HIGHWATER MARK:  
2" BELOW BEAM #4

**EXISTING STRUCTURE DATA**  
STA 62+94  
TYPE - 2 SPAN CONCRETE T-BEAM  
SPAN - 1 @ 43.5', 1 @ 47.5'  
AVERAGE UNDERCLEAR - 13.0'  
CLEAR RDWY WIDTH - 23'-4"

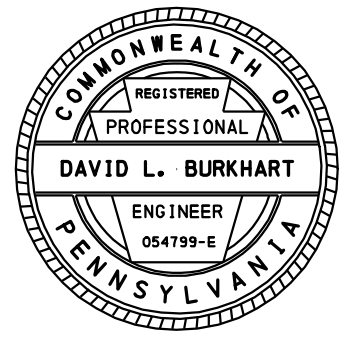
**PROPOSED STRUCTURE DATA**  
STA 63+00.00  
TYPE - 1 SPAN COMPOSITE PS SPREAD BOX BEAM  
SPAN - 100'-0"  
UNDER CLEAR - 6'-10" MIN  
SKEW - 45°  
RDWY WIDTH - 36'-0"  
S-27754

- LEGEND**
- RECONSTRUCTION AREA
  - REQUIRED RIGHT-OF-WAY
  - ROCK
  - SELECTED MATERIAL SURFACING
  - PARCEL IDENTIFICATION NUMBER
  - PROPOSED RIGHT-OF-WAY MONUMENT POINT
  - EXCAVATION LIMIT

TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

SLOPE EASEMENT. AN EASEMENT FOR THE SUPPORT AND PROTECTION OF THE HIGHWAY, INCLUDING THE RIGHT TO CONSTRUCT, INSPECT, MAINTAIN, REPAIR, RECONSTRUCT AND ALTER DRAINAGE FACILITIES AND THE CONTOUR OF THE LAND. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO THE NECESSARY SUPPORT AND PROTECTION OF THE HIGHWAY RIGHT-OF-WAY AND THE SAFETY OF THE TRAVELING PUBLIC.

SURVEY BOOK NO 18 FOR PROFILES, SEE SHEETS 8 & 10



SEE SHEET 7

PLOTTED: 25-JUL-2008 08:31

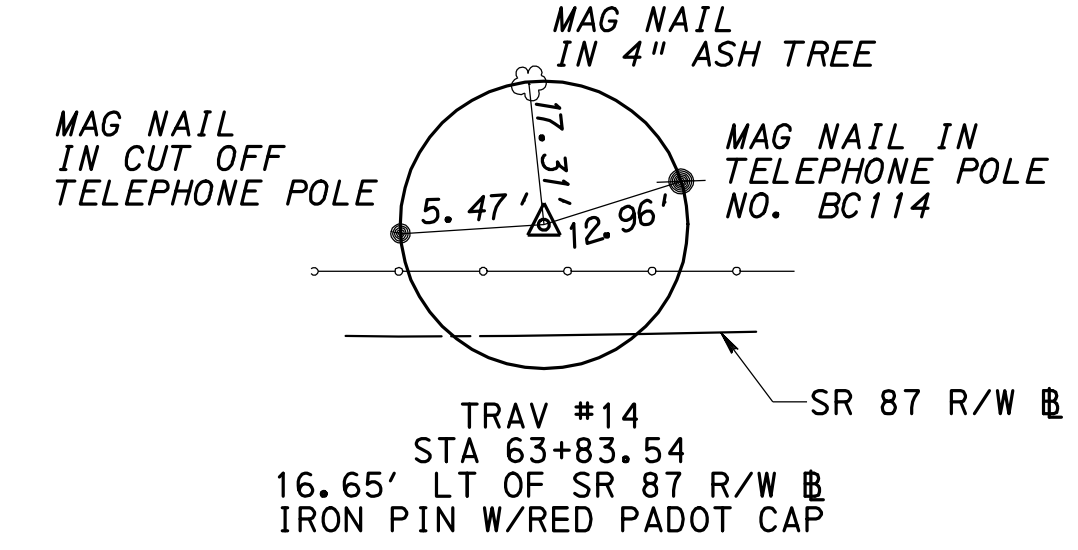
D-9012 CADD (02-90) REVISED (10-94)

OPERATOR: G:\ATD1\Sul-87-059\ROW\PLAN\60087059.rdw

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	7 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	

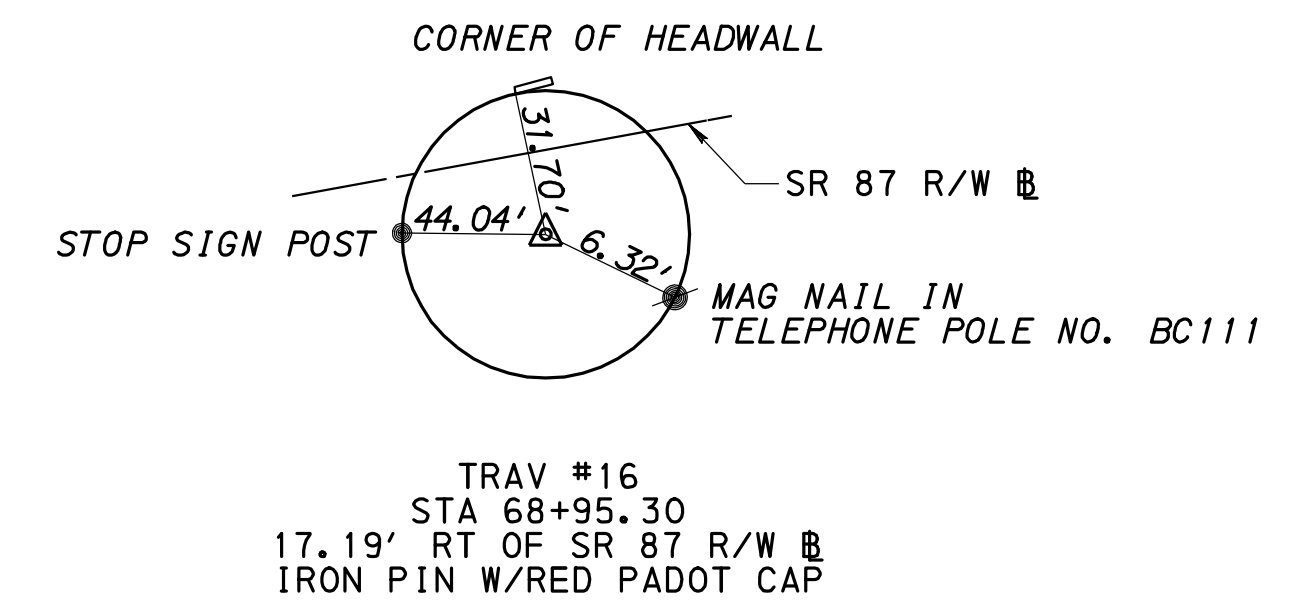
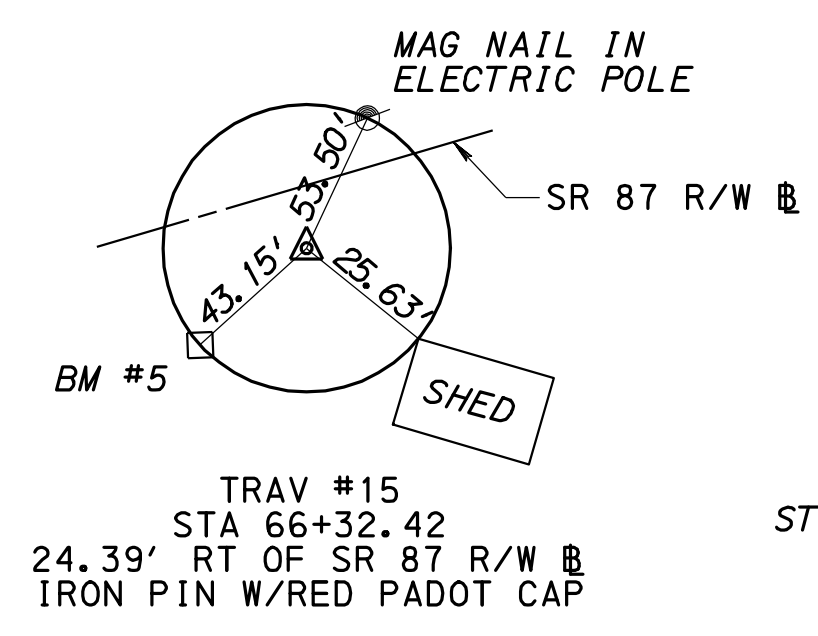
BM #91 HLZ 1968 ELEV 1293.92'  
BRASS DISC IN THE SOUTHWEST CORNER  
PARAPET WALL OF THE BRIDGE OVER THE  
LITTLE LOYALSOCK CREEK  
11.89' RT OF SR 87 R/W @ AT STA 62+57.62

BM #3 ELEV 1289.30'  
CUT SPIKE IN 12" HEMLOCK TREE  
110.33' RT OF SR 87 R/W @ AT STA 62+94.20



BM #4 ELEV 1287.04'  
RR SPIKE IN 24" ASH TREE  
53.77' RT OF SR 87 R/W @ AT STA 64+33.93

BM #5 ELEV 1314.10'  
PENNDOT MINI-DISC IN ROCK  
OUT-CROPPING STAMPED DRM 014  
53.72' RT OF SR 87 R/W @ AT STA 66+00.88



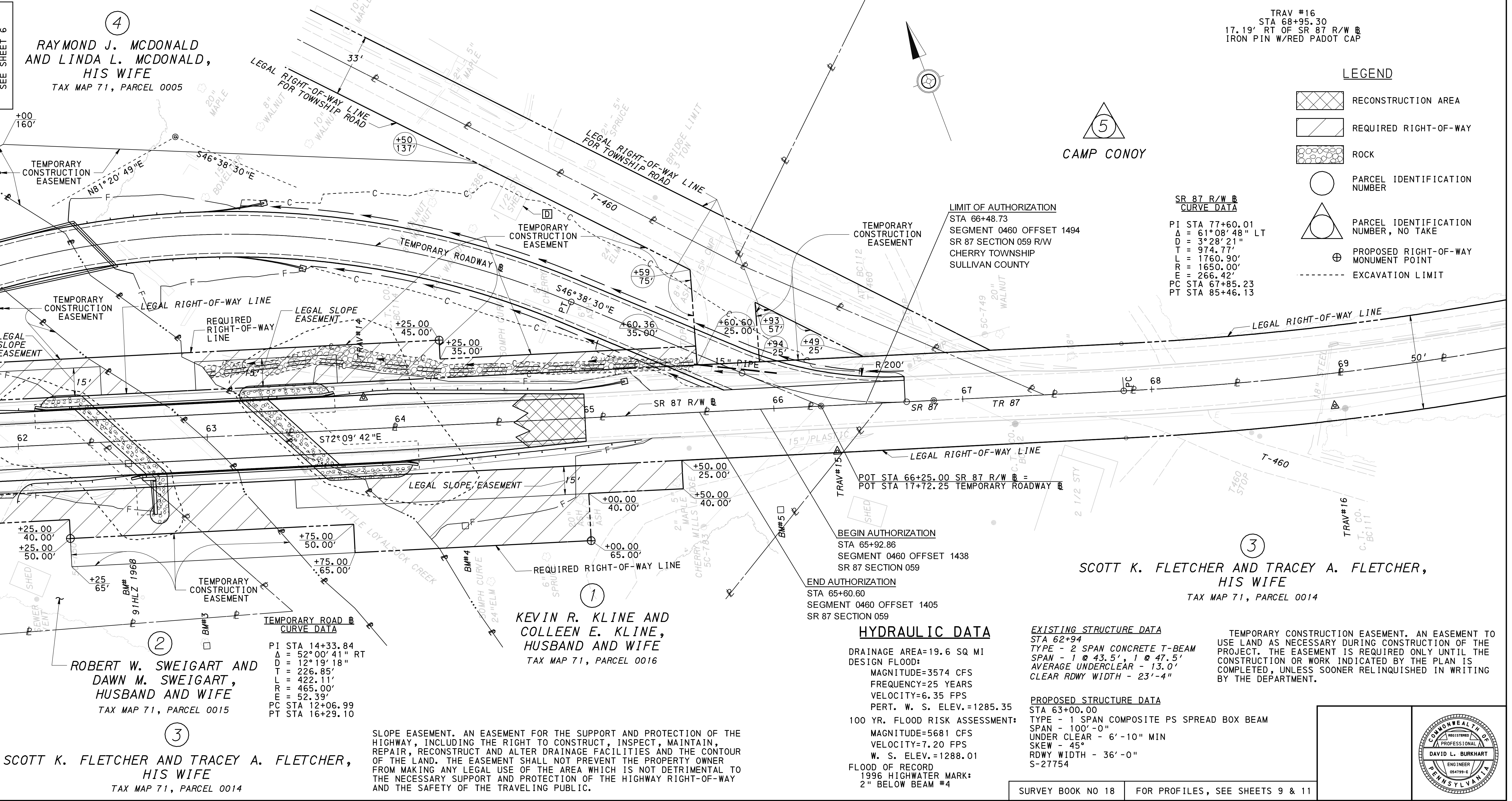
4  
RAYMOND J. MCDONALD  
AND LINDA L. MCDONALD,  
HIS WIFE  
TAX MAP 71, PARCEL 0005

5  
CAMP CONOY

**LEGEND**

- RECONSTRUCTION AREA
- REQUIRED RIGHT-OF-WAY
- ROCK
- PARCEL IDENTIFICATION NUMBER
- PARCEL IDENTIFICATION NUMBER, NO TAKE
- PROPOSED RIGHT-OF-WAY MONUMENT POINT
- EXCAVATION LIMIT

SR 87 R/W @  
CURVE DATA  
PI STA 77+60.01  
Δ = 61°08'48" LT  
D = 3°28'21"  
T = 974.77'  
L = 1760.90'  
R = 1650.00'  
E = 266.42'  
PC STA 67+85.23  
PT STA 85+46.13



LIMIT OF AUTHORIZATION  
STA 66+48.73  
SEGMENT 0460 OFFSET 1494  
SR 87 SECTION 059 R/W  
CHERRY TOWNSHIP  
SULLIVAN COUNTY

BEGIN AUTHORIZATION  
STA 65+92.86  
SEGMENT 0460 OFFSET 1438  
SR 87 SECTION 059

END AUTHORIZATION  
STA 65+60.60  
SEGMENT 0460 OFFSET 1405  
SR 87 SECTION 059

**HYDRAULIC DATA**

DRAINAGE AREA=19.6 SQ MI  
DESIGN FLOOD:  
MAGNITUDE=3574 CFS  
FREQUENCY=25 YEARS  
VELOCITY=6.35 FPS  
PERT. W. S. ELEV.=1285.35

100 YR. FLOOD RISK ASSESSMENT:  
MAGNITUDE=5681 CFS  
VELOCITY=7.20 FPS  
W. S. ELEV.=1288.01

FLOOD OF RECORD  
1996 HIGHWATER MARK:  
2" BELOW BEAM #4

EXISTING STRUCTURE DATA  
STA 62+94  
TYPE - 2 SPAN CONCRETE T-BEAM  
SPAN - 1 @ 43.5', 1 @ 47.5'  
AVERAGE UNDERCLEAR - 13.0'  
CLEAR RDWY WIDTH - 23'-4"

PROPOSED STRUCTURE DATA  
STA 63+00.00  
TYPE - 1 SPAN COMPOSITE PS SPREAD BOX BEAM  
SPAN - 100'-0"  
UNDER CLEAR - 6'-10" MIN  
SKEW - 45°  
RDWY WIDTH - 36'-0"  
S-27754

TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

2  
ROBERT W. SWEIGART AND  
DAWN M. SWEIGART,  
HUSBAND AND WIFE  
TAX MAP 71, PARCEL 0015

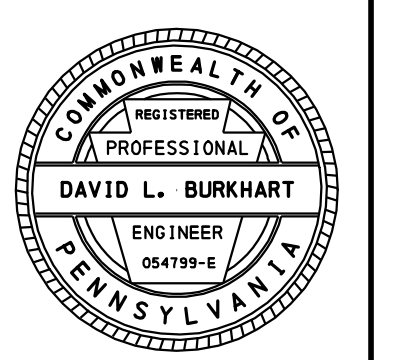
1  
KEVIN R. KLINE AND  
COLLEEN E. KLINE,  
HUSBAND AND WIFE  
TAX MAP 71, PARCEL 0016

3  
SCOTT K. FLETCHER AND TRACEY A. FLETCHER,  
HIS WIFE  
TAX MAP 71, PARCEL 0014

SLOPE EASEMENT. AN EASEMENT FOR THE SUPPORT AND PROTECTION OF THE HIGHWAY, INCLUDING THE RIGHT TO CONSTRUCT, INSPECT, MAINTAIN, REPAIR, RECONSTRUCT AND ALTER DRAINAGE FACILITIES AND THE CONTOUR OF THE LAND. THE EASEMENT SHALL NOT PREVENT THE PROPERTY OWNER FROM MAKING ANY LEGAL USE OF THE AREA WHICH IS NOT DETRIMENTAL TO THE NECESSARY SUPPORT AND PROTECTION OF THE HIGHWAY RIGHT-OF-WAY AND THE SAFETY OF THE TRAVELING PUBLIC.

3  
SCOTT K. FLETCHER AND TRACEY A. FLETCHER,  
HIS WIFE  
TAX MAP 71, PARCEL 0014

SURVEY BOOK NO 18 FOR PROFILES, SEE SHEETS 9 & 11



DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3-0	SULLIVAN	87	059 R/W	8 OF 11	
CHERRY TOWNSHIP					
REVISION NUMBER	REVISIONS			DATE	BY

PLOTTED: 25-JUL-2008 08:32

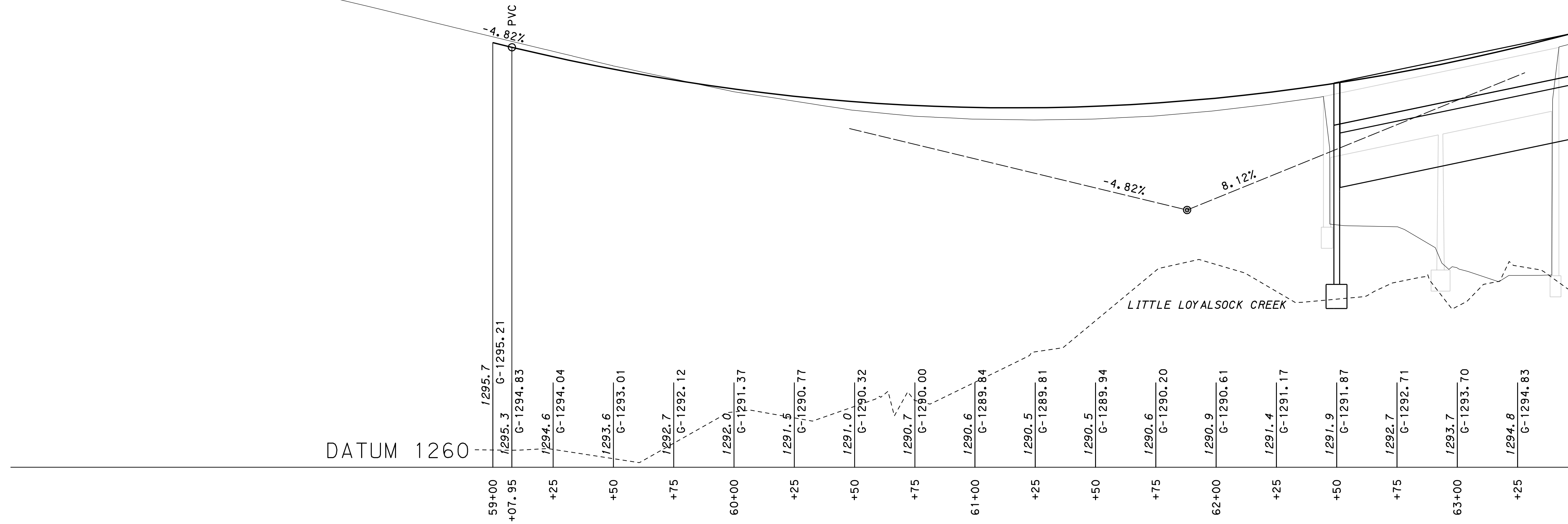
D-9012 CADD (02-90) REVISED (10-94)

OPERATOR: G:\r-d\1\Sul-87-059\ROW\PLAN\60087059.prn  
FILE NAME: G:\r-d\1\Sul-87-059\ROW\PLAN\60087059.prn

# SR 87

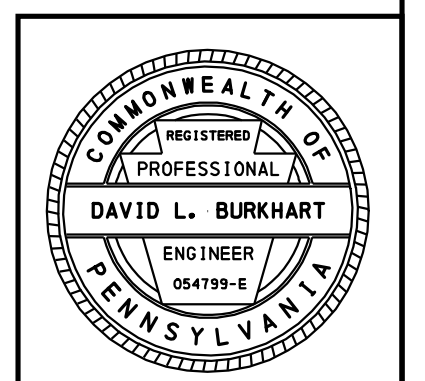
**LIMIT OF AUTHORIZATION**  
 STA 59+00.00  
 SEGMENT 0460 OFFSET 0745  
 SR 87 SECTION 059 R/W  
 CHERRY TOWNSHIP  
 SULLIVAN COUNTY

PVI STA 61+87.95  
 ELEV 1281.34  
 VC 560'  
 MO 9.06'  
 SSD 227'



SEE SHEET 9

FOR PLAN SEE SHEET 6



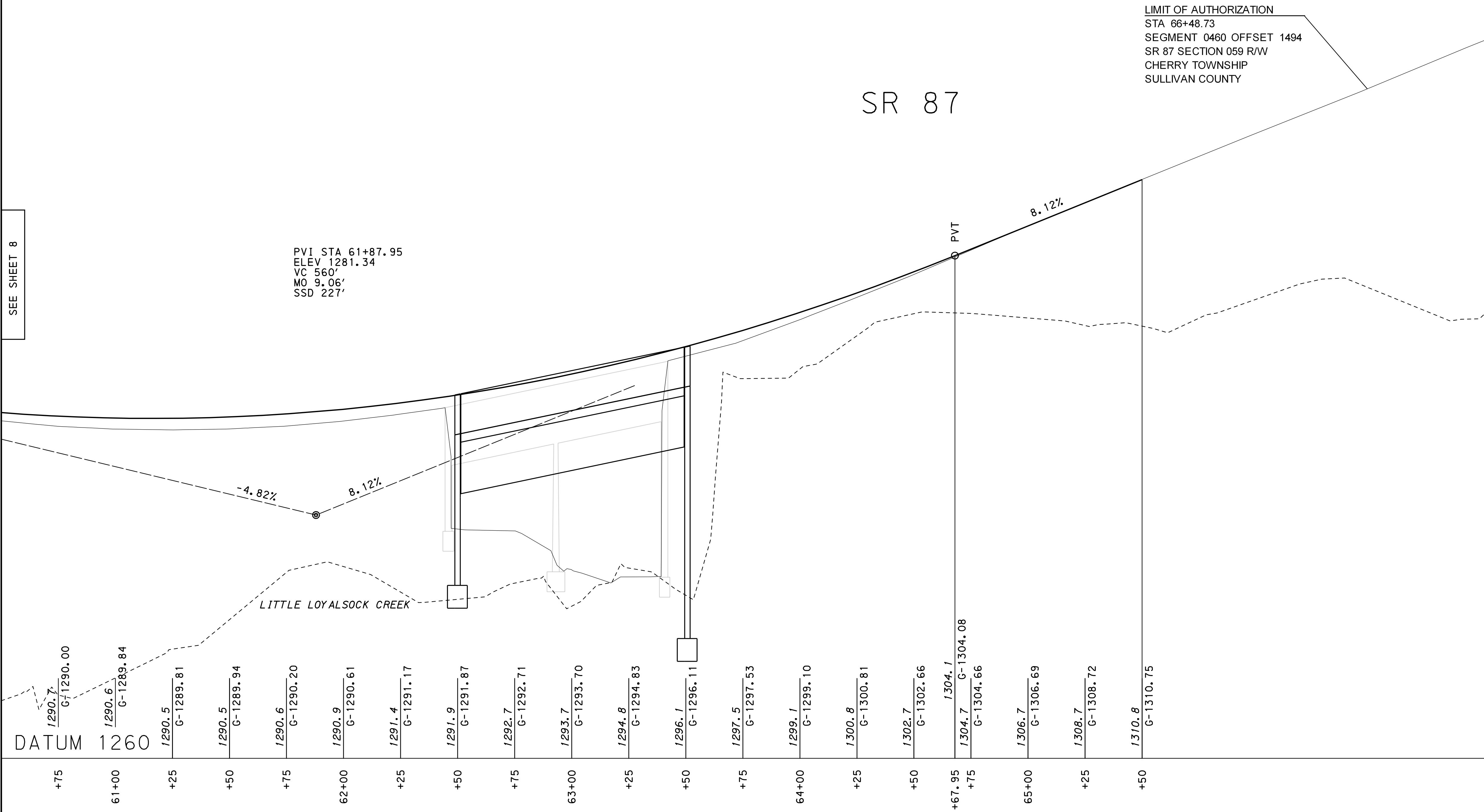


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	9 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE

PLOTTED: 25-JUL-2008 08:32

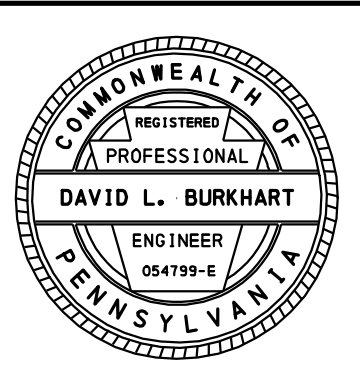
D-9012 CADD (02-90) REVISED (10-94)

SEE SHEET 8



DATUM 1260

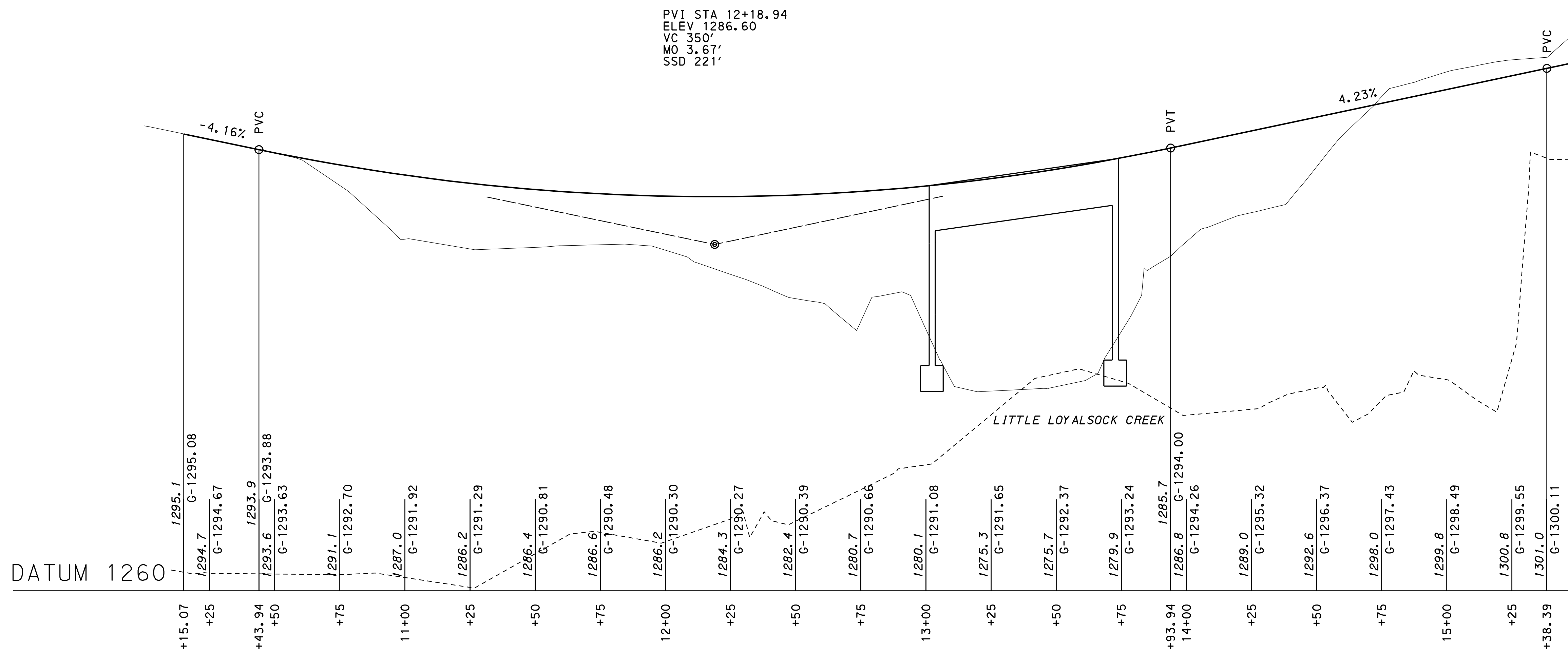
FOR PLAN SEE SHEET 7



OPERATOR: G:\r-d\1\Sul-87-059\ROW\PLAN\60087059.prn  
 FILE NAME: G:\r-d\1\Sul-87-059\ROW\PLAN\60087059.prn

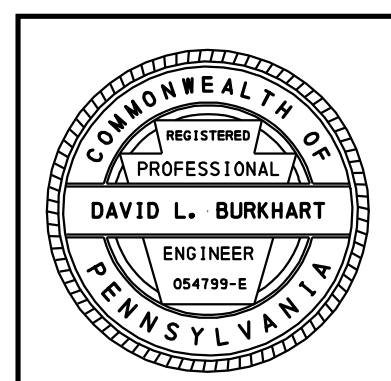
DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3-0	SULLIVAN	87	059 R/W	10 OF 11	
CHERRY TOWNSHIP					
REVISION NUMBER	REVISIONS			DATE	BY

# TEMPORARY ROADWAY



SEE SHEET 11

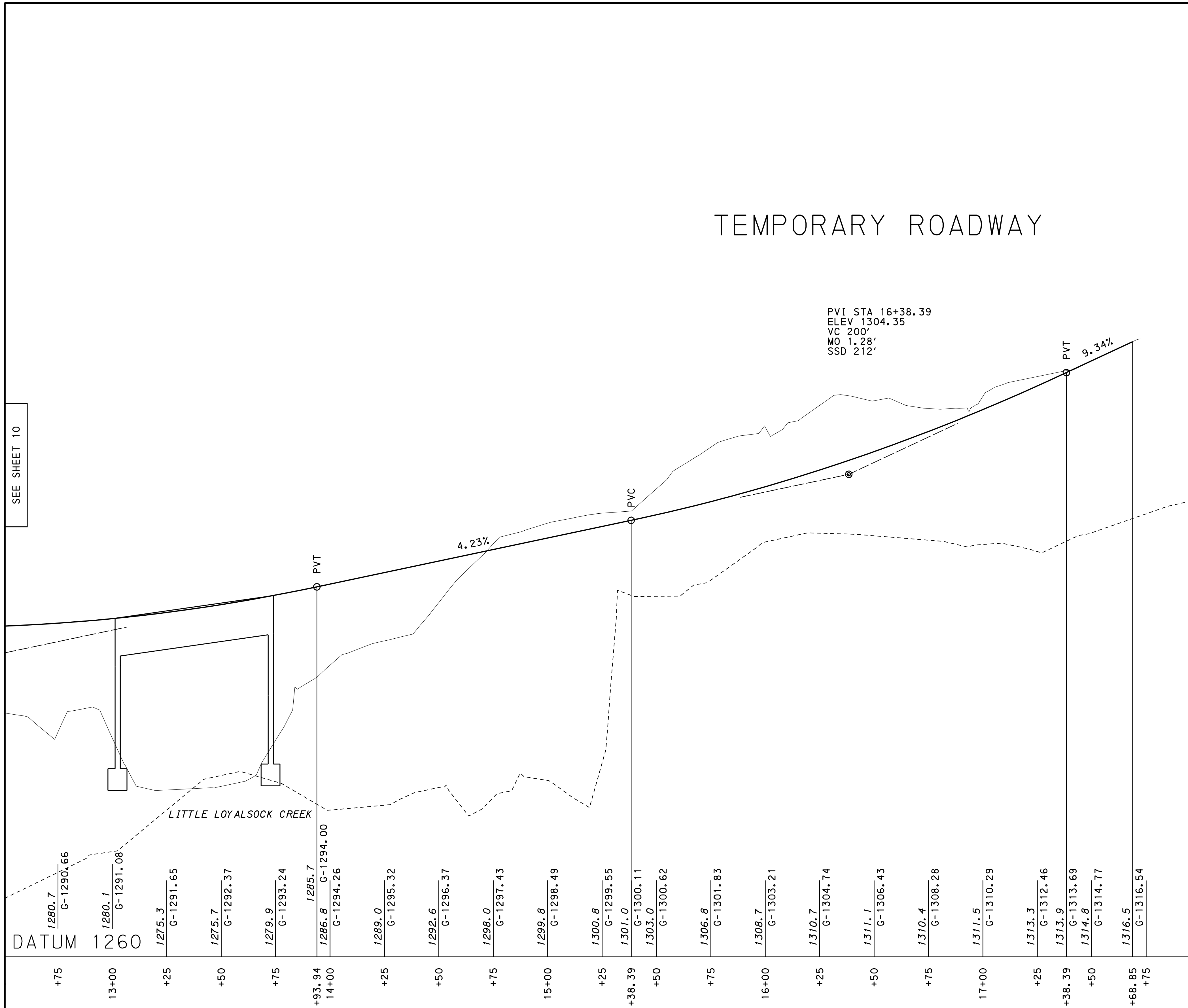
FOR PLAN SEE SHEET 6



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	SULLIVAN	87	059 R/W	11 OF 11
CHERRY TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

# TEMPORARY ROADWAY

PVI STA 16+38.39  
 ELEV 1304.35  
 VC 200'  
 MO 1.28'  
 SSD 212'



PLOTTED: 25-JUL-2008 08:32

D-9012 CADD (02-90) REVISED (10-94)

SEE SHEET 10

OPERATOR: G:\r-d\1\Sul-87-059\ROW\PLAN\60087059.prc  
 FILE NAME: G:\r-d\1\Sul-87-059\ROW\PLAN\60087059.prc

FOR PLAN SEE SHEET 7

