

East Hempfield Township

1700 Nissley Road ~ P.O. Box 128 ~ Landisville, Pennsylvania 17538

Phone 717-898-3100 ~ Fax 717-898-9486 ~ www.easthempfield.org

July 29, 2020

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17101-3265

Application of East Hempfield Township for approval to change the public at grade crossing by the construction of additional thru lanes and a center left turn lane/concrete median and 5 foot pedestrian crossings where Centerville Road (T-607) crosses the track(s) of Norfolk Southern Railway Company DOT No. 517593 B in East Hempfield Township, Lancaster County and the allocation of costs incident thereto.

Dear Secretary Chiavetta:

Enclosed for filing, please find the application of East Hempfield Township,

A copy of this Application and Exhibits has been served upon the parties of the Service to the Application.

Sincerely,


Cindy A. Schweitzer,
Township Manager
East Hempfield Township
1700 Nissley Road,
Landisville, PA 17538
Phone 717-898-3100

Attachments

Cc: Parties of Record
Susan Peipher, Blakinger Thomas
Ronald J. Hull, P.E., Rail Safety Engineering Section PUC 3rd Floor, CKB

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of East Hempfield Township for approval to change the public at grade crossing by the construction of additional thru lanes and a center left turn lane/concrete median and 5 foot pedestrian crossings where Centerville Road (T-607) crosses the track(s) of Norfolk Southern Railway Company DOT No. 517593 B in East Hempfield Township, Lancaster County and the allocation of costs incident thereto.

Application
Docket No. _____

Electronically Filed

To the Pennsylvania Public Utility Commission:

1. The name and address of applicant are East Hempfield Township, Cindy A. Schweitzer, Township Manager, 1700 Nissley Road, PO Box 128, Landisville, PA 17538
2. The name and address of attorney for the applicant are Susan Peipher, Blakinger Thomas, 28 Penn Square, Lancaster, PA 17603
3. The applicant is a second class township duly organized and existing under the Commonwealth of Pennsylvania's Second Class Township Code, 53 P.S. § 65101 et seq.
4. Centerville Road (T-607) is a Township Road. It is desirable to widen the existing at grade crossing from 38 feet to 60 feet to include additional thru lanes and a center left turn lane/concrete median. The crossing will include pedestrian sidewalks along the northbound and southbound travel lanes constructed in accordance with Norfolk Southern's sidewalk detail, as shown on the plans. Two options are being considered for the location of the flashing lights and gates:

Option 1 – Norfolk Southern will install cantilevered lights six feet in front of the gate masts. The gate masts would be 3'-0" behind the proposed sidewalk and maintain a maximum 32' gate length.

Option 2 – Norfolk Southern will install standard flashing lights and gates in each raised median instead of the cantilevers. The medians will need to be a minimum of 8'-6" where the standard flashing lights will be installed to provide space for the gate counterweight. This crossing will be interconnected to the nearby traffic signals.
5. The names and addresses of the persons, parties and entities concerned in, or affected by the proposed construction, to the best of the applicant's knowledge, are shown in the certificate of service. In addition to those served, the applicant requests that the following also receive service of all documents in this matter: None.

6. Route Centerville Road (T-607) crosses, Norfolk Southern Railway Company at Mile Post ZL-73.47 and said crossing should be altered as indicated. Route T-408- Centerville Road is 22,533 vehicles with 5 % trucks.

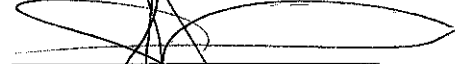
7. The estimated total cost for the alteration is to be determined. The funding for the project will be 80 % Federal Funds and 20 % Local Funds.

8. This project is necessary and proper for the safety and convenience of the public.

9. A conference of all parties of interest should be held to discuss the proposed alteration.

Wherefore, applicant respectfully requests that the Public Utility Commission to approve this application:

Respectfully Submitted:



Cindy A. Schweitzer,
Township Manager
East Hempfield Township
1700 Nissley Road,
Landisville, PA 17538
Phone 717-898-3100

Date: 7-29-20

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of East Hempfield Township for approval to change the public at grade crossing by the construction of additional thru lanes and a center left turn lane/concrete median and 5 foot pedestrian crossings where Centerville Road (T-607) crosses the track(s) of Norfolk Southern Railway Company DOT No. 517593 B in East Hempfield Township, Lancaster County and the allocation of costs incident thereto.

Application

Docket No. _____

Electronically Filed

VERIFICATION

I, Cindy A Schweitzer, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. §4904 (relating to unsworn falsification to authorities).

Date: 7-29-20



Cindy A. Schweitzer,
Township Manager
East Hempfield Township

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of East Hempfield Township for approval to change the public at grade crossing by the construction of additional thru lanes and a center left turn lane/concrete median and 5 foot pedestrian crossings where Centerville Road (T-607) crosses the track(s) of Norfolk Southern Railway Company DOT No. 517593 B in East Hempfield Township, Lancaster County and the allocation of costs incident thereto.

Application
Docket No. _____

Electronically Filed

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing document upon the participants listed below, in accordance with the requirements of 52 Pa. Code §1.54, by electronic submission:

Mr. Shawn Starling, Senior Engineer Public Improvements
Norfolk Southern Corporation
1200 Peachtree Street N.E.
Atlanta, GA 30309
Douglas.Starling@nscorp.com

Mr. Robert Hoffer, Norfolk Southern Consulting Engineer
AECOM
100 Sterling Parkway, Suite 205
Mechanicsburg, PA 17050
Robert.Hoffer@aecom.com

Mr. Joshua G. Parsons, Chairman
Lancaster County Commissioners
150 North Queen Street
Lancaster, PA 17603
GeorgeL@co.lancaster.pa.us

Mr. Perry Madonna, Director of Public Works
East Hempfield Township
1700 Nissley Road, PO Box 128
Landisville, PA 17538
Perry@easthempfield.org

Mr. W. Scott Wiglesworth, Supervisor
East Hempfield Township
1700 Nissley Road
Landisville, PA 17538
wiglesworth@easthempfield.org

Mr. H. Scott Russel, Supervisor
East Hempfield Township
1700 Nissley Road
Landisville, PA 17538
russell@easthempfield.org

Mr. Thomas A. Bennett, Supervisor
East Hempfield Township
1700 Nissley Road
Landisville, PA 17538
Bennett@easthempfield.org

Mr. Andrew C. Weaver, Supervisor
East Hempfield Township
1700 Nissley Road
Landisville, PA 17538
weaver@easthempfield.org

Mr. G. Edward Lefevre, Supervisor
East Hempfield Township
1700 Nissley Road
Landisville, PA 17538
edward@easthempfield.org

Mr. John Vilga, Maintenance Supervisor
Lancaster Area Sewer Authority (Sanitary Sewer)
130 Centerville Road
Lancaster, PA 17603
JVilga@lasa.org

Mr. Pete Hartmann, Engineering Support Technician
Lancaster Area Sewer Authority (Sanitary Sewer)
130 Centerville Road
Lancaster, PA 17603
PHartmann@lasa.org

Ms. Cindy McCormick, Deputy Director
City of Lancaster (Water)
120 North Duke Street, PO Box 1599
Lancaster, PA 17608
CMcCormick@cityoflancasterpa.com

Mr. Benjamin Perwien, Engineer
City of Lancaster (Water)
120 North Duke Street, PO Box 1599
Lancaster, PA 17608
BPerwien@cityoflancasterpa.com

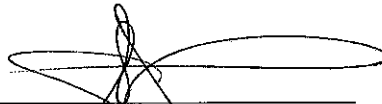
Ms. Charlotte Krupa, Agency Coordinator
Pennsylvania Power and Light (Electric)
2 North Ninth Street
Allentown, PA 18101
cakrupa@pplweb.com

Mr. Kenneth Groff, Project Manager
Pennsylvania Power and Light (Electric)
2 North Ninth Street
Allentown, PA 18101
KRGroff@pplweb.com

Ms. Colleen Kester
Pennsylvania Power and Light (Electric Transmission)
2 North Ninth Street
Allentown, PA 18101
CKester@pplweb.com

Mr. Mark Waselko, Engineer
Verizon Pennsylvania (Telecommunication)
126 North Duke Street
Lancaster, PA 17602
mark.a.waselko@verizon.com

Date: 7-29-20



Cindy A. Schweitzer,
Township Manager
East Hempfield Township

DOT NO. 517593 B
CENTERVILLE ROAD
EAST HEMPFIELD TOWNSHIP
LANCASTER COUNTY

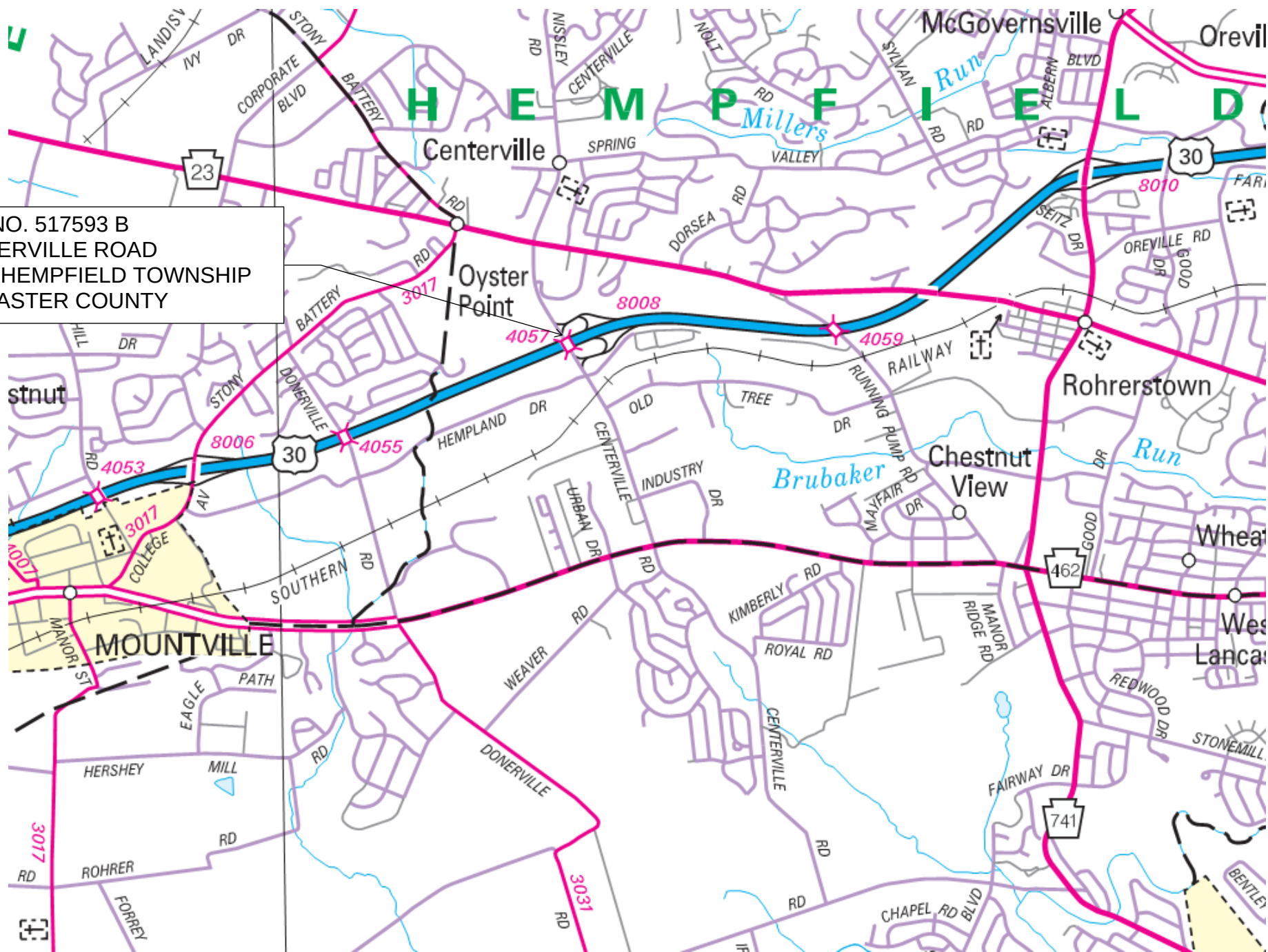


EXHIBIT A

PLAN PREPARATION
DESIGNER JOHNSON, MIRMIRAN & THOMPSON, INC.

S.R. 0030 ESTABLISHED AS A LIMITED ACCESS HIGHWAY FROM STATION 298+80.00 TO STATION 334+00.00 BY PLAN OF LEGISLATIVE ROUTE 792 SECTION 2 R/W, APPROVED BY THE GOVERNOR ON FEBRUARY 21, 1964.

S.R. 0030 RE-ESTABLISHED AS A LIMITED ACCESS HIGHWAY FROM STATION 309+45.73 TO STATION 313+07.26 BY PLAN OF S.R. 4057 SECTION 002 R/W, APPROVED

DISTRICT	COUNTY	TOWNSHIP	CITY	ROUTE	SECTION	TOTAL SHEETS
8-0	LANCASTER	EAST HEMPFIELD MANOR		4057 T-408	002 002	119

MPMS NO. 64767/101505

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF TRANSPORTATION

DRAWINGS FOR CONSTRUCTION OF

ALSO INCLUDED

TRAFFIC CONTROL PLAN	37	SHEETS
SIGNING AND PAVEMENT MARKING PLAN	4	SHEETS
EROSION AND SEDIMENT POLLUTION CONTROL PLAN	48	SHEETS
TRAFFIC SIGNAL PLAN	6	SHEETS
STRUCTURE PLAN (S-39039)	21	SHEETS
CROSS SECTIONS	196	SHEETS
EXISTING STRUCTURE PLAN (S-6493)	6	SHEETS

TOWNSHIP ROUTE 543 SECTION 002
IN LANCASTER COUNTY
FROM STA. 1+20.13 TO STA. 6+94.56
LENGTH 574.43 FT. 0.109 MI.



STATE ROUTE 4057 SECTION 002
IN LANCASTER COUNTY
FROM STA. 49+30.09 TO STA. 51+66.09 LENGTH 236.00 FT. 0.045 MI.
FROM SEG. 0010 OFFSET 0000 TO SEG. 0010 OFFSET 0236

AND
STATE ROUTE 0030 SECTION 145
IN LANCASTER COUNTY
FROM STA. 298+80.00 TO STA. 334+00.00
LENGTH 3370.81 FT. 0.638 MI.

DESIGN DESIGNATION
S.R. 0030

HIGHWAY CLASSIFICATION — OTHER FREEWAYS AND EXPRESSWAYS (URBAN)
DESIGN SPEED — 60 MPH
PAVEMENT WIDTH — 2 AT 24'
SHOULDER WIDTH — 10' RIGHT, 4' LEFT
MEDIAN WIDTH — 20' WITH 2' MEDIAN BARRIER

TRAFFIC DATA
CURRENT A.D.T. — 64,820 (2023)
DESIGN YEAR A.D.T. — 92,429 (2043)
D.H.V. — 5,186
D — 61%
T — 7%

AND
STATE ROUTE 0023 SECTION 002
IN LANCASTER COUNTY
FROM STA. 481+60.00 TO STA. 502+00.00 LENGTH 1905.00 FT. 0.361 MI.
FROM SEG. 0160 OFFSET 0004 TO SEG. 0160 OFFSET 1961

PUC APPLICATION DOCKET NUMBER _____

DESIGN DESIGNATION
S.R. 4057 (CENTERVILLE ROAD)

HIGHWAY CLASSIFICATION — MINOR ARTERIAL (URBAN)
DESIGN SPEED — 35 MPH
PAVEMENT WIDTH — 60' TO 72'
SHOULDER WIDTH — 2' TO 8'

TRAFFIC DATA
CURRENT A.D.T. — 22,533 (2023)
DESIGN YEAR A.D.T. — 28,266 (2043)
D.H.V. — 2,253
D — 55%
T — 5%

AND
TOWNSHIP ROUTE 408 SECTION 002
IN LANCASTER COUNTY

FROM STA. 7+41.57 TO STA. 49+30.09 LENGTH 4188.53 FT. 0.793 MI.
FROM STA. 51+66.09 TO STA. 76+50.00 LENGTH 2483.91 FT. 0.470 MI.

DESIGN DESIGNATION
S.R. 0023 (MARIETTA AVENUE)

HIGHWAY CLASSIFICATION — MINOR ARTERIAL (URBAN)
DESIGN SPEED — 35 MPH
PAVEMENT WIDTH — 37' TO 59'
SHOULDER WIDTH — 2'

TRAFFIC DATA
CURRENT A.D.T. — 17,921 (2023)
DESIGN YEAR A.D.T. — 22,482 (2043)
D.H.V. — 1,434
D — 57%
T — 2%

ALSO
STATE ROUTE 8008

EXHIBIT B

PREPARED BY:
JOHNSON, MIRMIRAN and
THOMPSON, INC.
220 ST. CHARLES WAY
SUITE 200
YORK, PA 17402

RECOMMENDED	DATE _____
	DISTRICT EXECUTIVE
RECOMMENDED	DATE _____
	DEPUTY SECRETARY
APPROVED	DATE _____
	ACTING SECRETARY OF TRANSPORTATION (ON BEHALF OF THE GOVERNOR AS WELL AS THE SECRETARY)

TABULATION OF PROPERTY OWNERS

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	3 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

- 4

NATICK LANCASTER REALTY CORP.
- 5

LANCASTER AREA SEWER AUTHORITY
- 6

MICRO PRECISION CORPORATION
- 7

MOOVE IN PARTNERS - CENTERVILLE, LP,
A PENNSYLVANIA LIMITED PARTNERSHIP
- 8

RHB SR. REALTY, LP
- 9

NORFOLK SOUTHERN RAILWAY COMPANY
- 10

JAMES T. GIBSON
- 27

AH2 PARTNERS, LLC,
A PENNSYLVANIA LIMITED
LIABILITY COMPANY
- 28

CAN DO PROPERTIES
- 29

BRIDGEWATER LANCASTER, LLC, A
PENNSYLVANIA LIMITED LIABILITY COMPANY
- 30

CENTERVILLE ACRES, LP
- 31

ABRAM S. HORST, JR.,
FAMILY LIMITED PARTNERSHIP
- 32

OLD SYCAMORE ASSOCIATES
- 33

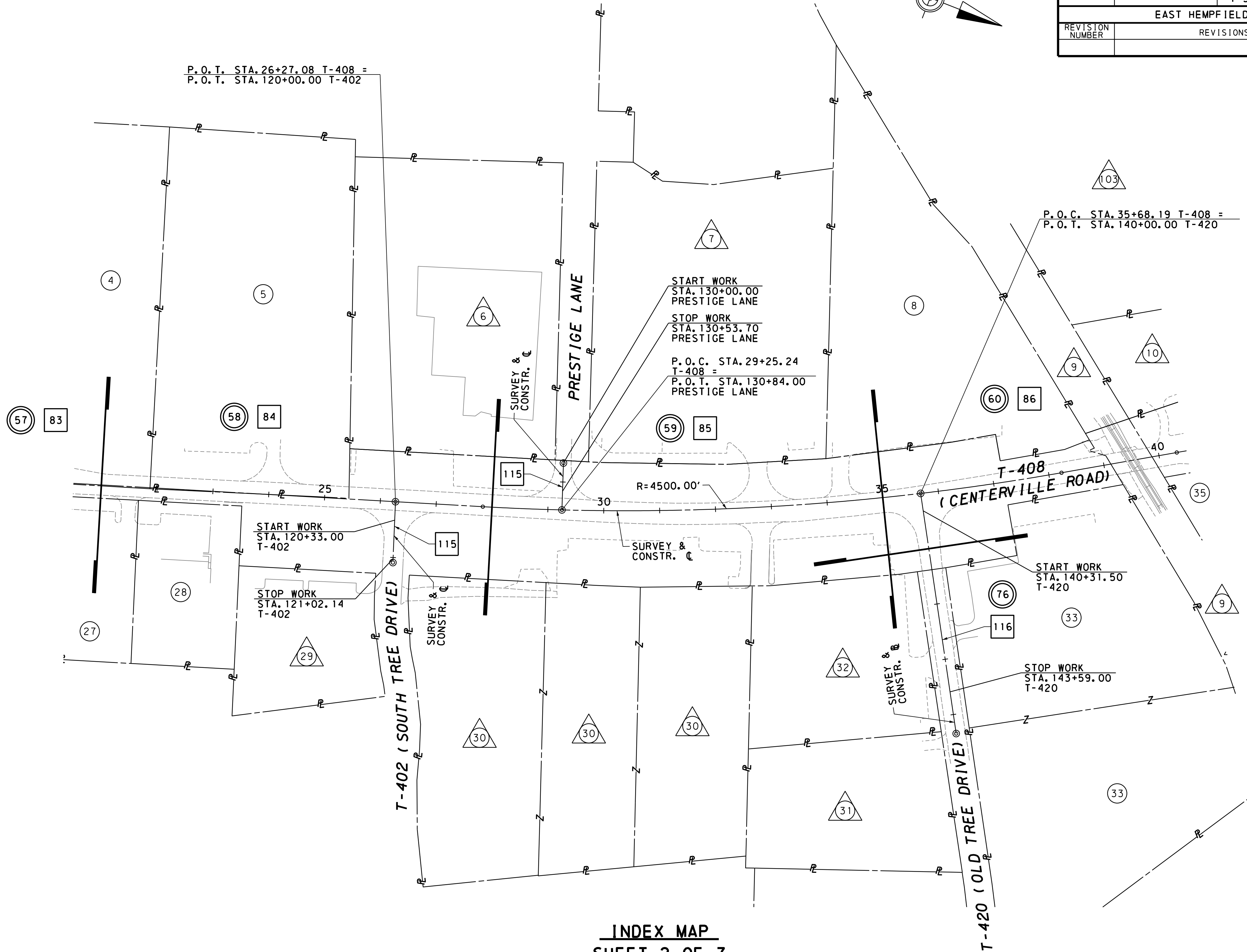
TH MINIT MARKETS LLC,
A PENNSYLVANIA LIMITED LIABILITY COMPANY
- 35

NORTHWEST BANK
- 103

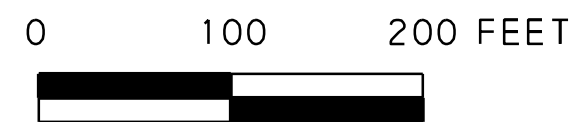
IRONSTONE HOLDINGS, LLC

LEGEND

- PLAN
- PROFILE
- PARCEL IDENTIFICATION NUMBER
- PARCEL IDENTIFICATION NUMBER - NO TAKE
- SHEET LIMIT



INDEX MAP
SHEET 2 OF 7
SCALE



SEE PLAN SHEET 2

SEE INDEX SHEET 4

TABULATION OF PROPERTY OWNERS

- 9

NORFOLK SOUTHERN RAILWAY COMPANY
- 10

JAMES T. GIBSON
- 11

HET ENTERPRISES, LLC
- 12

NATIONAL RETAIL PROPERTIES TRUST
- 13

HEMLAND ASSOCIATES
- 14

BEILER STOLTZFUS HOLDING, LLC,
A PENNSYLVANIA LIMITED LIABILITY COMPANY
- 15

MOLT, LLC
- 16

DENNIS E STEINMETZ AND
ROBERT V. POLITO, PARTNERS
AND TRADING AS S&P PROPERTIES
- 33

TH MINIT MARKETS LLC, A PENNSYLVANIA
LIMITED LIABILITY COMPANY
- 35

NORTHWEST BANK
- 36

McDONALD'S CORPORATION
d/b/a DELAWARE McDONALD'S
CORPORATION
- 41

YORK SHERWOOD ASSOCIATES, L.P.
- 42

786KTZ, LLC
- 43

CENTERVILLE DEVELOPMENT COMPANY,
A PENNSYLVANIA GENERAL PARTNERSHIP
- 50

CDJ ENTERPRISES, LLC, A PENNSYLVANIA
LIMITED LIABILITY COMPANY
- 51

ESTELLE GROUP, LLC, A PENNSYLVANIA
LIMITED LIABILITY COMPANY
- 103

IRONSTONE HOLDINGS, LLC
- 104

DEALBROOK LLC, PARAMOUNT
PORTFOLIO CROSSINGS TIC #1 LLC,
PARAMOUNT PORTFOLIO PAD TIC #1 LLC,
PARAMOUNT PORTFOLIO FULTON TIC #1 LLC,
PARAMOUNT PORTFOLIO LMS TIC #1 LLC
- 113

WESTFIELD MOTOR INN, INC.
- 120

THOMAS R. AND DEBORAH PRATHER
- 130

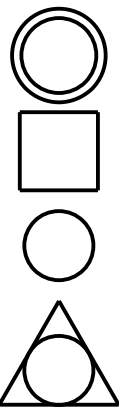
ROGER H. STRAUSE, D.D.S.
AND LISA W. STRAUSE
- 131

HIGH PROPERTIES
- 132

YORK SHERWOOD
ASSOCIATES, L.P.
- 133

MIRIAM ANNE PLACK
- 160

CHESWICKE, LLC.



LEGEND

PLAN

PROFILE

PARCEL IDENTIFICATION NUMBER

PARCEL IDENTIFICATION NUMBER - NO TAKE

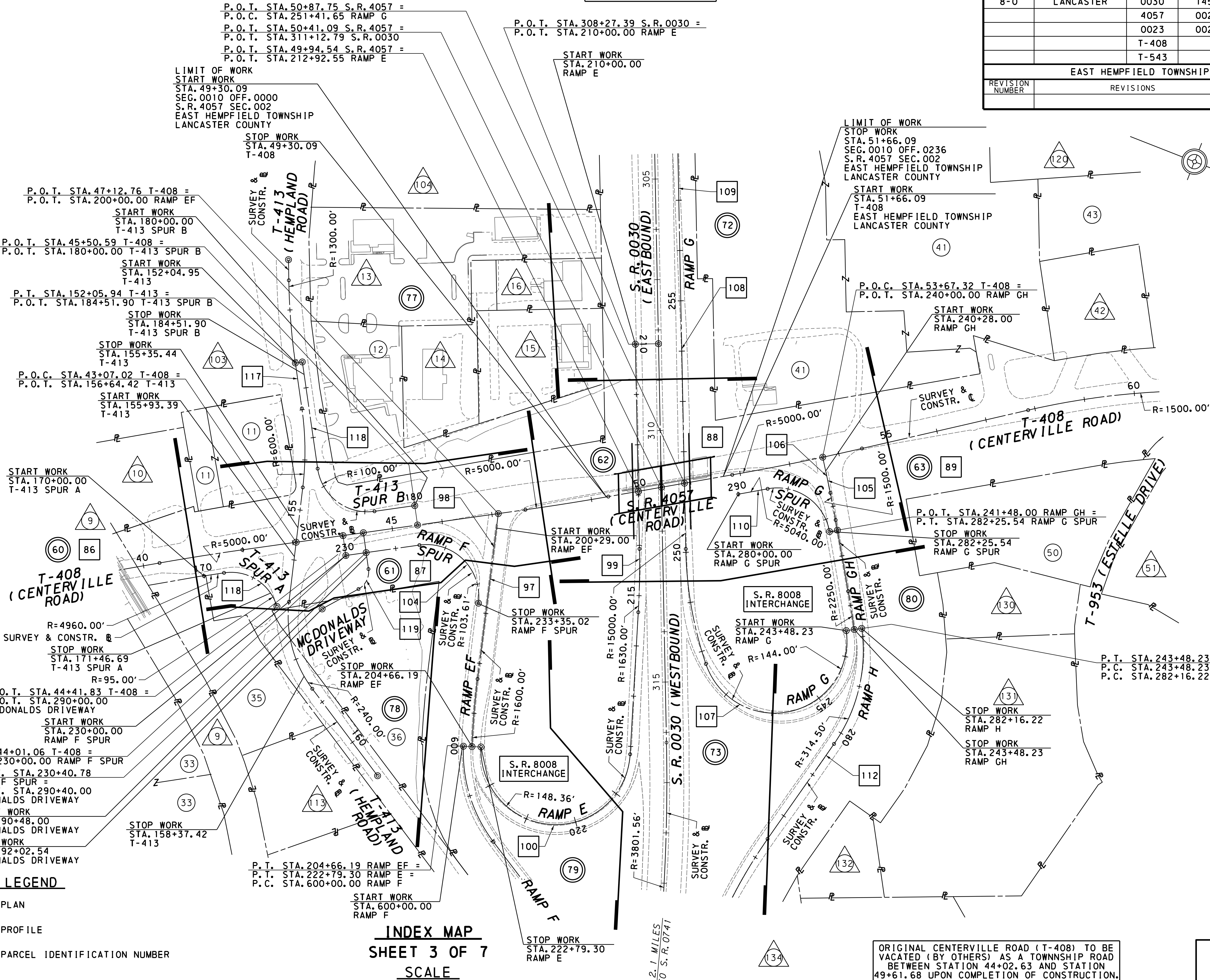
SHEET LIMIT

INDEX MAP
SHEET 3 OF 7
SCALE

0 100 200 FEET

SEE INDEX SHEET 7

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	4 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY



ORIGINAL CENTERVILLE ROAD (T-408) TO BE
VACATED (BY OTHERS) AS A TOWNSHIP ROAD
BETWEEN STATION 44+02.63 AND STATION
49+61.68 UPON COMPLETION OF CONSTRUCTION.

SEE INDEX SHEET 8

SEE INDEX SHEET 5

SEE PLAN SHEET 3

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	9 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
MANOR AND EAST HEMPFIELD TOWNSHIPS				
REVISION NUMBER	REVISIONS			DATE BY

PA ONE CALL SYSTEM

PA ONE CALL PHONE: 1-800-242-1776

EAST HEMPFIELD TOWNSHIP DESIGN SERIAL NO.: 20161171062
20161171064
20161171067
20161171069
20161172962
20161172972
20161172986
20161172994
20161172999
20161173009

MANOR TOWNSHIP DESIGN SERIAL NO.: 20161171065
20161171068
20161171070

TABULATION OF OVERALL LENGTH

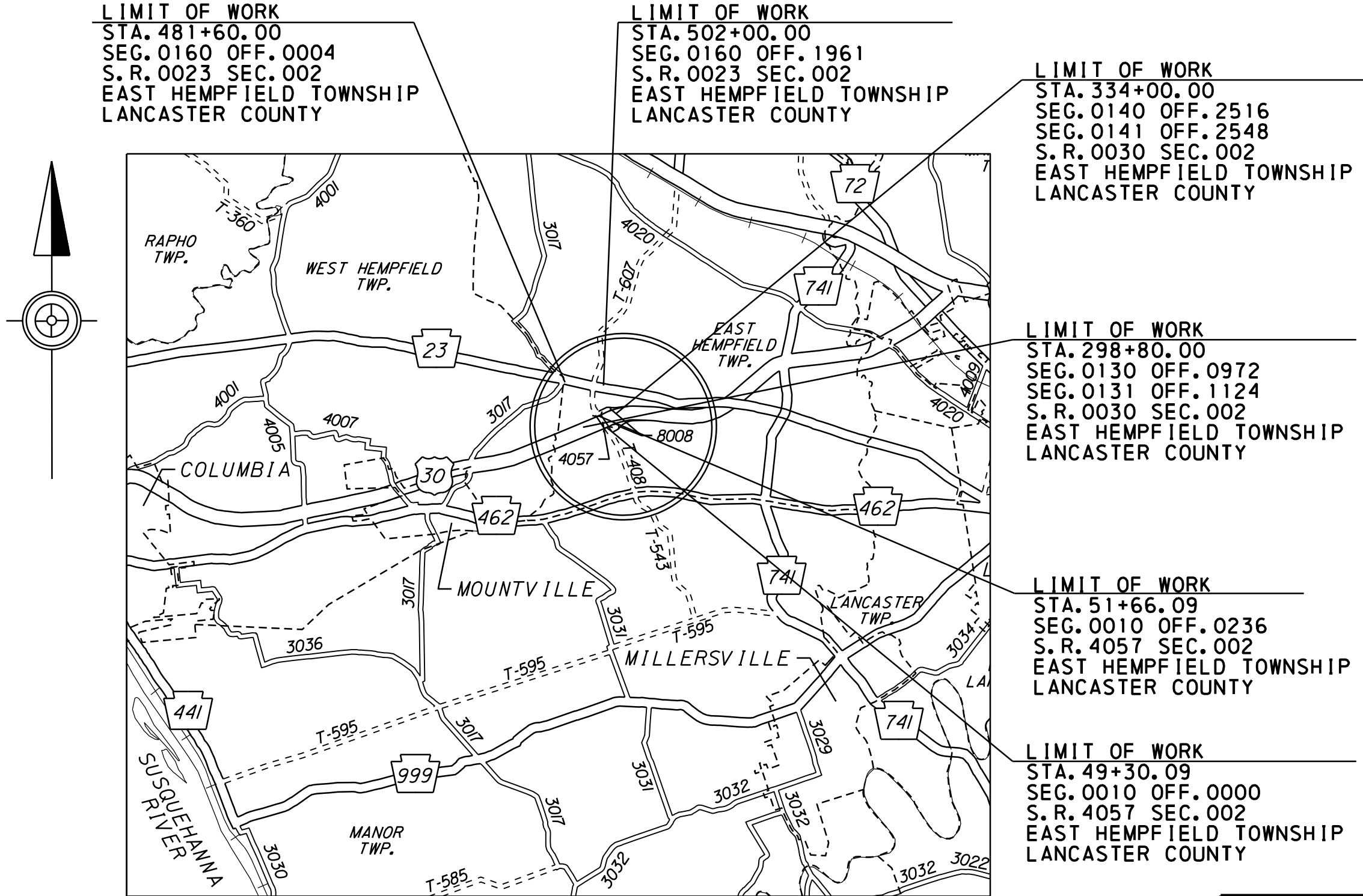
T-408/543 - STA. 1+20.13 TO STA. 49+30.09 = 4809.96 FT = 0.911 MI
S.R. 4057 - STA. 49+30.09 TO STA. 51+66.09 = 236.00 FT = 0.045 MI
T-408 - STA. 51+66.09 TO STA. 76+50.00 = 2483.91 FT = 0.470 MI
S.R. 0023 - STA. 481+60.00 TO STA. 502+00.00 = 2040.00 FT = 0.386 MI
S.R. 0030 - STA. 298+80.00 TO STA. 334+00.00 = 3520.00 FT = 0.667 MI
OVERALL LENGTH = 13089.87 FT = 2.479 MI

TABULATION OF CONSTRUCTION LENGTH

T-408/543 - STA. 1+20.13 TO STA. 49+30.09 = 4809.96 FT = 0.911 MI
S.R. 4057 - STA. 49+30.09 TO STA. 51+66.09 = 236.00 FT = 0.045 MI
T-408 - STA. 51+66.09 TO STA. 76+50.00 = 2483.91 FT = 0.470 MI
S.R. 0023 - STA. 482+10.00 TO STA. 501+15.00 = 1905.00 FT = 0.361 MI
S.R. 0030 - STA. 299+43.23 TO STA. 333+14.04 = 3370.81 FT = 0.638 MI
OVERALL LENGTH = 12805.68 FT = 2.425 MI

LIST OF SEGMENT EQUALITIES

S.R. 4057 - SEGMENT 0010 OFFSET 0000 = STA. 49+30.09
SEGMENT 0010 OFFSET 0236 = STA. 51+66.09
S.R. 0023 - SEGMENT 0160 OFFSET 0000 = STA. 481+56.00
S.R. 0030 - SEGMENT 0140 OFFSET 0000 = STA. 308+83.63
SEGMENT 0130 OFFSET 2093 = STA. 308+83.63
SEGMENT 0141 OFFSET 0000 = STA. 308+51.51
SEGMENT 0131 OFFSET 2096 = STA. 308+51.51



LOCATION MAP

SCALE IN MILES
1 0 1 2

LEGEND

PROJECT LOCATION
STATE HIGHWAY
TOWNSHIP ROAD
TOWNSHIP LINE

LIST OF PUBLIC UTILITIES

SYMBOL	UTILITY	ADDRESS	REPRESENTATIVE	CONTACT INFORMATION
—G—	UGI UTILITES, INC.	1301 AIP DRIVE MIDDLETOWN, PA 17057	GEOFFREY FERGUSON	(717) 255-1453
—G—	ENERGY TRANSFER	350 EAGLEVIEW BLVD., SUITE 130 EXTON, PA 19341	JOHN RUSZKAY	John.ruszkay@energytransfer.com
—W—	CITY OF LANCASTER	120 NORTH DUKE STREET LANCASTER, PA 17608	CINDY McCORMICK	(717) 291-4729
—W—	EAST HEMPFIELD WATER AUTHORITY	920 CHURCH STREET LANDISVILLE, PA 17538	STEVEN GOHN	(717) 898-8231
—E—	PPL ELECTRIC UTILITIES	2 NORTH NINTH STREET ALLENTOWN, PA 18101	CHARLOTTE KRUPA	(610) 774-6287
—CTV—	COMCAST CABLE COMMUNICATION, INC.	1131 SOUTH DUKE STREET LANCASTER, PA 17602	CHARLES BRANDT, JR	(717) 987-2333
—S—	EAST HEMPFIELD TOWNSHIP (STORM SEWER/TRAFFIC SIGNALS)	1700 NISSLEY ROAD LANDISVILLE, PA 17538	PERRY MADONNA	(717) 898-3100
—S—	LANCASTER AREA SEWER AUTHORITY	130 CENTERVILLE ROAD LANCASTER, PA 17603	JOHN VILGA	(717) 344-5819
—T—	VERIZON PENNSYLVANIA, LLC	126 NORTH DUKE STREET LANCASTER, PA 17602	MARK WASELKO	(717) 299-8405
—T—	FRONTIER COMMUNICATIONS	100 CTE DRIVE DALLAS, PA 18612	JOSEPH WITT	(717) 786-2525
—FO—	WINDSTREAM	202 EAST FIRST STREET BIRDSBORO, PA 19505	TERRY WELLS	Terry.L.Wells@windstream.com
—FO—	ZAYO BANDWIDTH	1101 EAST LINDEN AVENUE LINDEN, NJ 07036	JIM JACOBSEN	(973) 214-6393

TABULATION OF STRUCTURE DATA

EXISTING

S.R. 4057 OVER S.R. 0030
STA. 50+44.90 S.R. 4057
SEG. 0010 OFF. 0000
TYPE = 4 SPAN, P/S CONC. SPREAD BOX BEAM
SPAN = 1 @ 35'-3 1/8", 1 @ 58'-9 1/2",
1 @ 46'-0 1/2", 1 @ 25'-0 1/8"
UNDERCLEARANCE = 14'-8"
CLEAR ROADWAY = 32'-0"
SKEW = 81°10'00"
STRUCTURE NO. S-6493 (NOV. 1, 1963) &
S-25608 (OCT. 6, 2004)

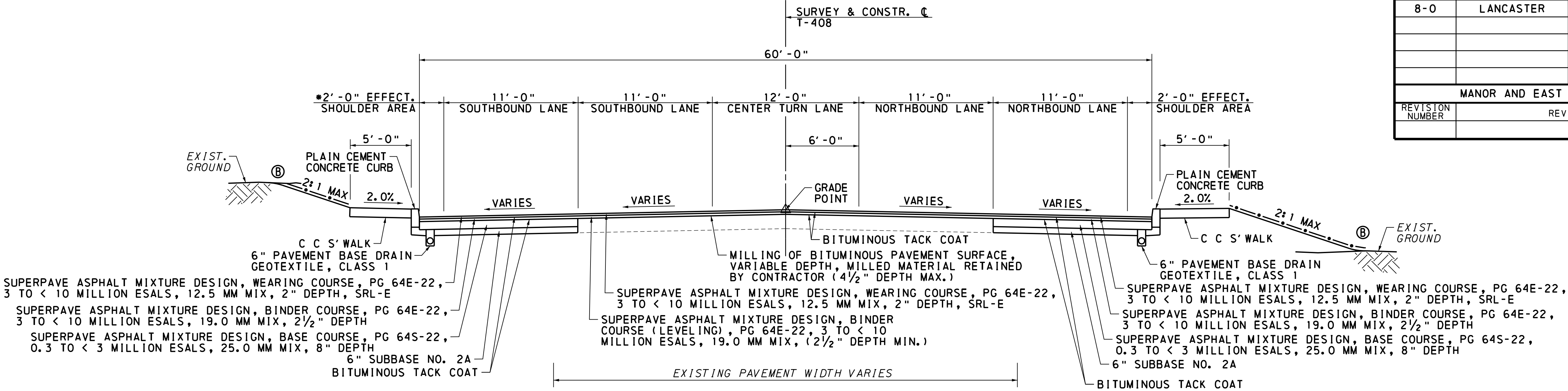
PROPOSED

S.R. 4057 OVER S.R. 0030
STA. 50+41.09 S.R. 4057
SEG. 0010 OFF. 0000
TYPE = 2 SPAN CONT. COMP. P/S CONC.
SPREAD BOX BEAM BRIDGE
SPAN = 1 @ 86'-0", 1 @ 100'-0"
UNDERCLEARANCE = 16'-6 1/2"
CLEAR ROADWAY = 72'-0"
SKEW = 81°10'17"
STRUCTURE NO. S-39039
RECOMMENDED

EARTHWORK SUMMARY - ENTIRE PROJECT

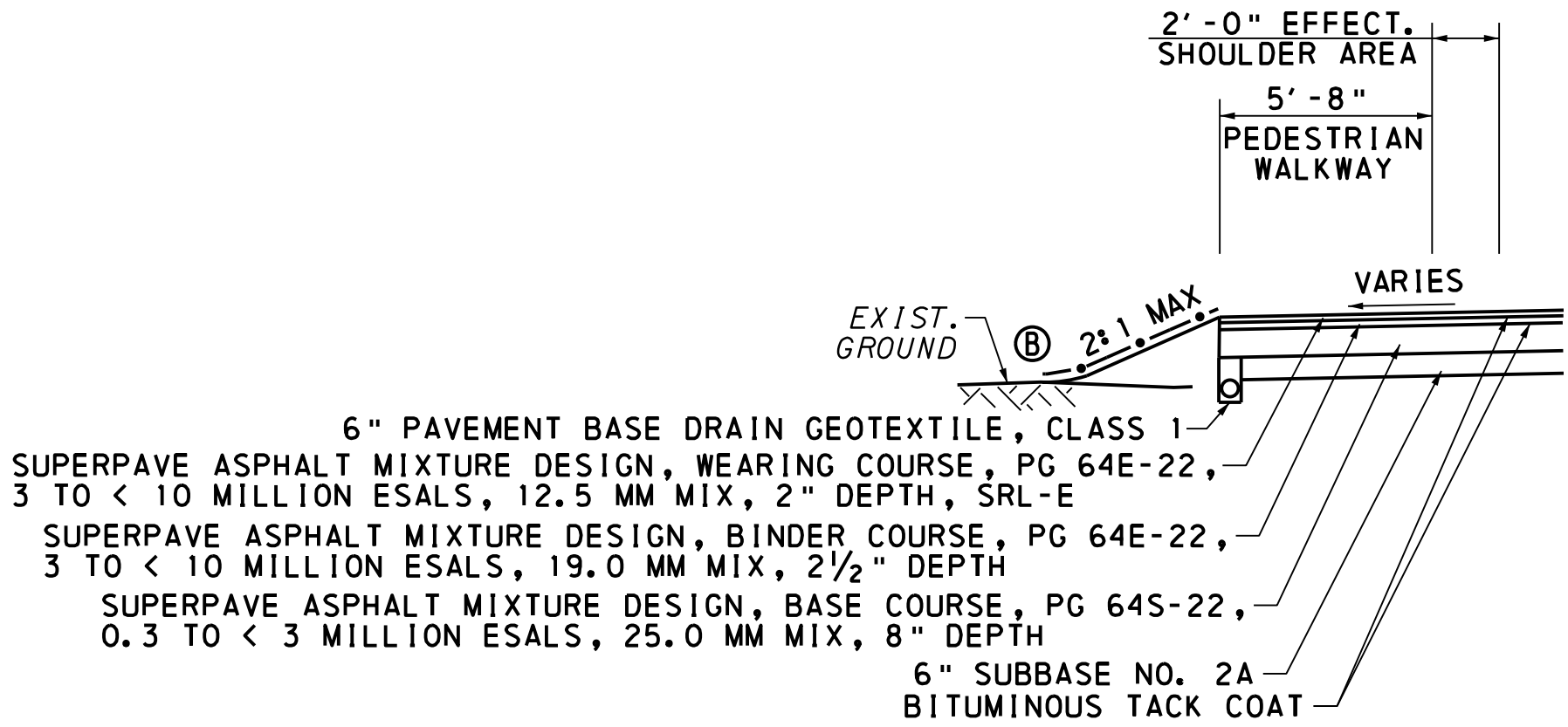
THE INFORMATION ON ESTIMATED AMOUNTS OF EARTHWORK HAS BEEN USED IN THE PRELIMINARY ESTIMATE. DO NOT USE AS A WAIVER OF ANY PROVISIONS OF THE SPECIFICATIONS AND CONTRACTS.(ALL QUANTITIES ARE APPROXIMATE.)											
CUBIC YARDS OF EXCAVATION						* INCLUDES ALL BORROW ITEMS					
CLASS 1	CLASS 1A	CLASS 1B	CLASS 2	CLASS 3	CLASS 4	ROCK, CLASS R-4 (SLOPE PROTECTION)	ROCK, CLASS R-6 (SLOPE PROTECTION)	CUBIC YDS. * COMPLETED EMBANKMENT	CUBIC YDS. BORROW EXCAVATION	CUBIC YDS. OF WASTE	CUBIC YDS. SEL. BORROW EXC. STR. B' FILL
39,698	---	---	---	---	---	---	---	---	---	---	---

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	36 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
MANOR AND EAST HEMPFIELD TOWNSHIPS				
REVISION NUMBER	REVISIONS			DATE BY



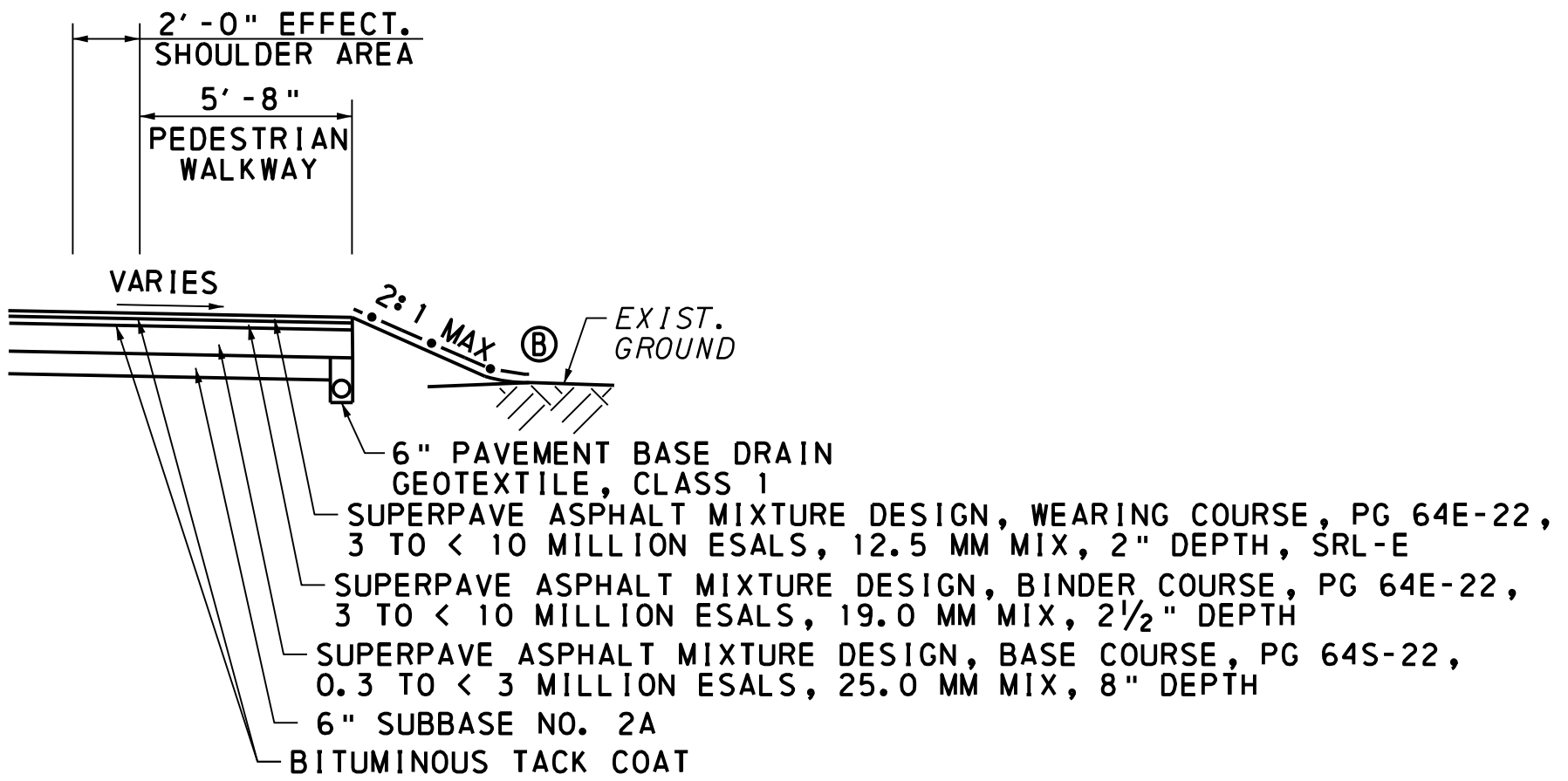
T-408 (CENTERVILLE ROAD)
TYPICAL SECTION

* STA. 36+67.40 TO STA. 42+75.00, LT
* STA. 36+00.00 TO STA. 42+50.00, RT
* SHOULDER VARIES IN WIDTH FROM 5' AT STA. 36+67.40 TO 2' AT STA. 37+17.40



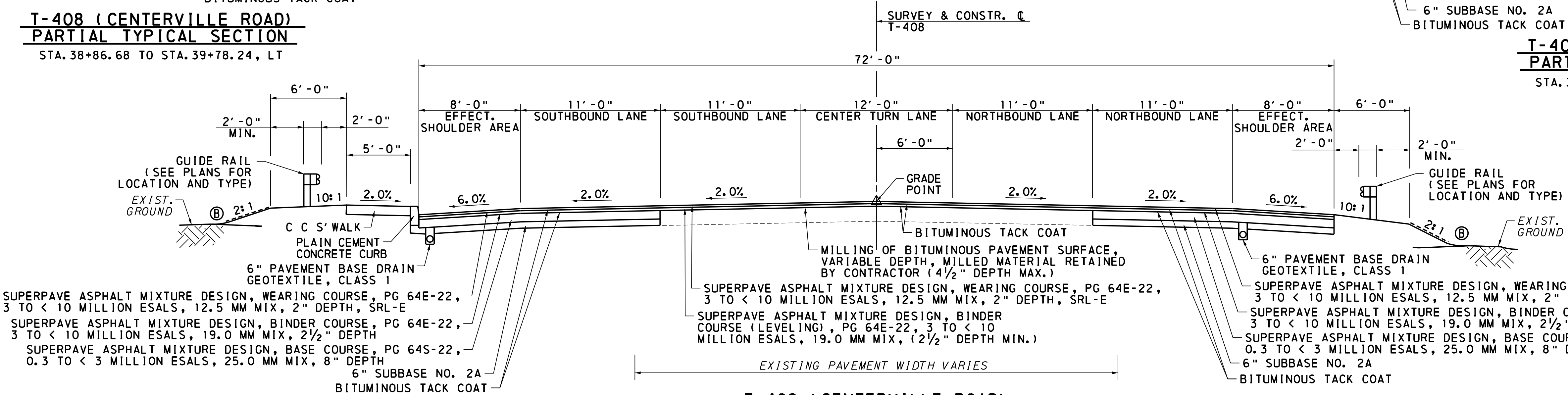
T-408 (CENTERVILLE ROAD)
PARTIAL TYPICAL SECTION

STA. 38+86.68 TO STA. 39+78.24, LT



T-408 (CENTERVILLE ROAD)
PARTIAL TYPICAL SECTION

STA. 39+20.38 TO STA. 40+05.00, RT



T-408 (CENTERVILLE ROAD)
TYPICAL SECTION

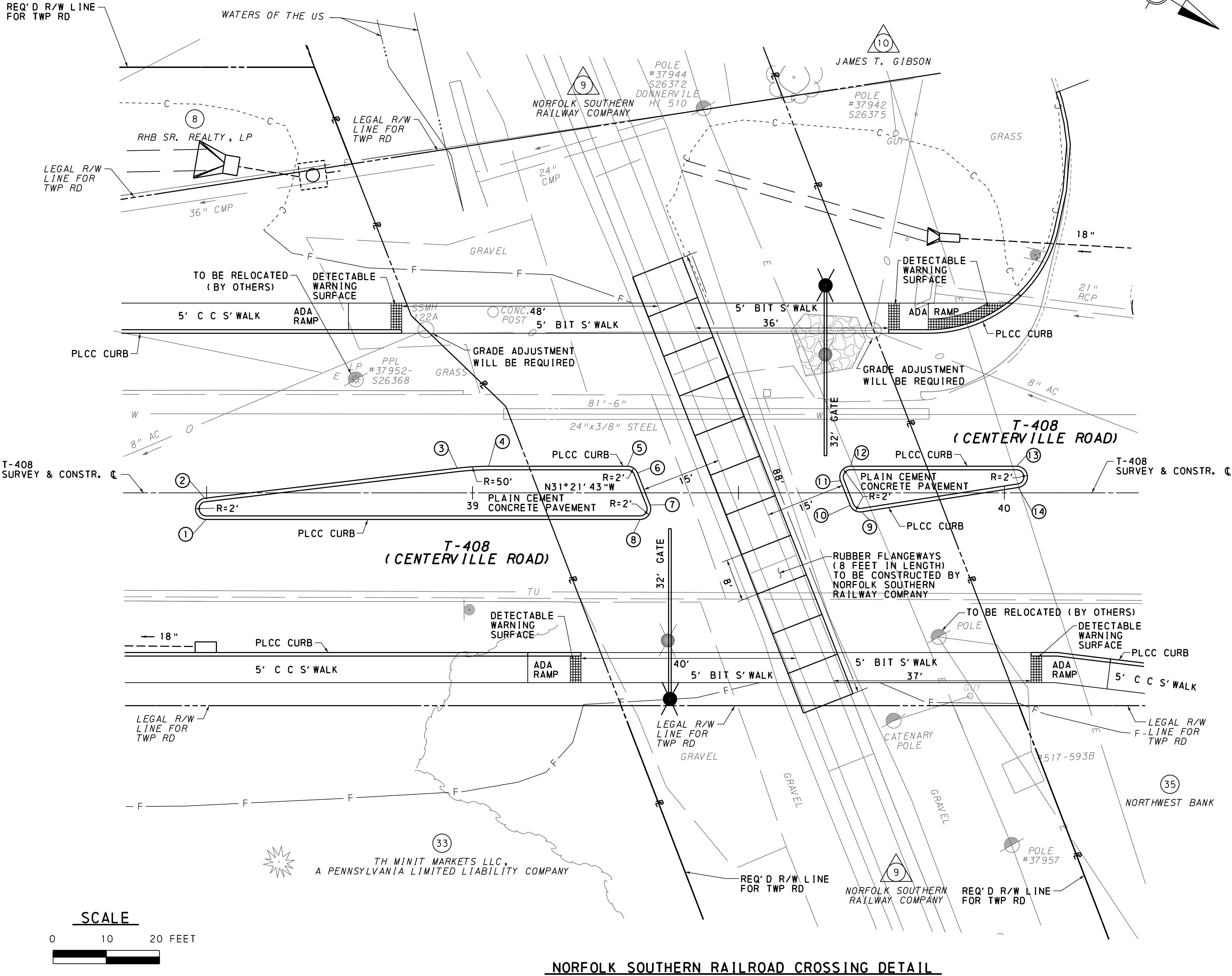
STA. 44+13.00 TO STA. 49+76.00, LT
STA. 43+00.00 TO STA. 49+76.00, RT

LEGEND

- (A) SLOPE -2.00% WHEN RATE OF S/E EXCEEDS +2.00%
(B) SEE RC-10M FOR ROUNDING DETAILS
(C) THE DISTANCE FROM THE EDGE OF PAVEMENT WILL BE EQUAL TO THE SUBBASE DEPTH

- SEEDING AND SOIL SUPPLEMENTS - FORMULA B
- - - - - SEEDING AND SOIL SUPPLEMENTS - FORMULA D
- - - - - SEEDING AND SOIL SUPPLEMENTS - FORMULA L

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	54 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY



POINT	BASELINE	STATION	OFFSET (FEET)	GUTTERLINE ELEVATION (FEET)
1	T-408	38+49.92	5.00 RT	409.70
2	T-408	38+49.68	1.01 RT	409.73
3	T-408	38+97.11	4.65 LT	410.29
4	T-408	39+03.03	5.00 LT	410.39
5	T-408	39+29.16	5.00 LT	410.65
6	T-408	39+31.02	3.73 LT	410.69
7	T-408	39+33.37	2.27 RT	410.72
8	T-408	39+31.50	5.00 RT	410.66
9	T-408	39+73.17	3.57 RT	410.59
10	T-408	39+71.00	2.33 RT	410.65
11	T-408	39+69.19	2.26 LT	410.74
12	T-408	39+71.05	5.00 LT	410.72
13	T-408	40+02.33	5.00 LT	410.83
14	T-408	40+02.64	1.02 LT	410.87

- GENERAL NOTES
1. THE CONTRACTOR WILL NOT BE PERMITTED TO STORE ANY EQUIPMENT OR MATERIALS ON NORFOLK SOUTHERN RAILWAY COMPANY PROPERTY WITHOUT PERMISSION FROM THE NORFOLK SOUTHERN ENGINEER.
 2. THE CONTRACTOR WILL COORDINATE WITH THE NORFOLK SOUTHERN SIGNAL DEPARTMENT FOR PROTECTION OF THE CROSSING GATE/FLASHER IMPACTED BY THE PROPOSED CONSTRUCTION.
 3. NORFOLK SOUTHERN FORCES WILL REMOVE AND INSTALL THE PROPOSED VEHICULAR CROSSING TO 2'-0" BEYOND THE OUTSIDE EDGE OF EACH RAIL. PAYMENT FOR RAILROAD WORK WILL BE AS A PDA UNDER ITEM 9000-XXXX.

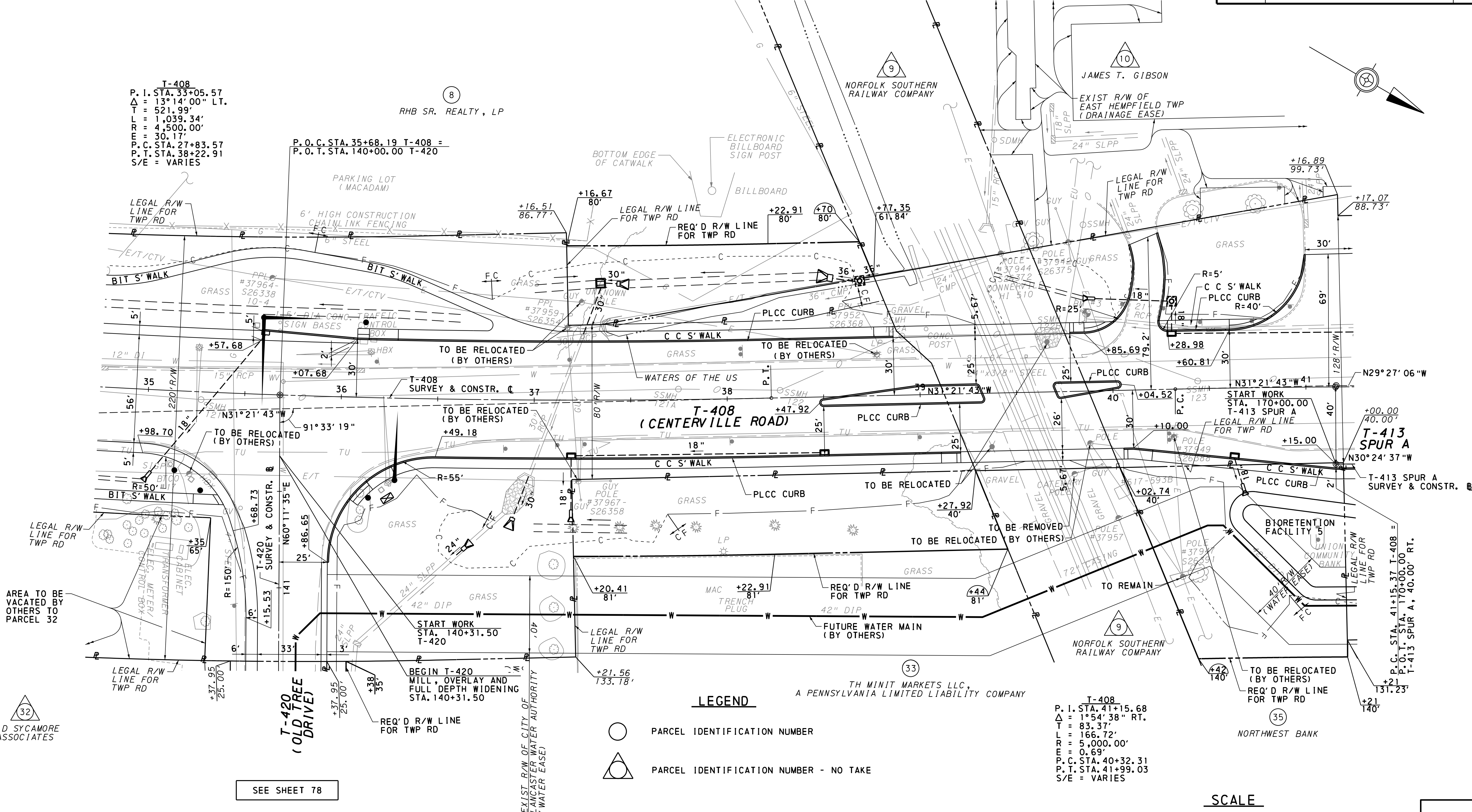
BM #3 ELEV. 412.02
40.33' LEFT STA. 39+87.13 T-408
W 263807.0444
E 2348010.7363
BOX CUT ON NW CORNER OF HEADWALL

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	60 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY

T-408
P.I. STA. 33+05.57
Δ = 13°14'00" LT.
T = 521.99'
L = 1,039.34'
R = 4,500.00'
E = 30.17'
P.C. STA. 27+83.57
P.T. STA. 38+22.91
S/E = VARIES

8
RHB SR. REALTY, LP

P.O.C. STA. 35+68.19 T-408 =
P.O.T. STA. 140+00.00 T-420



SEE SHEET 59

SEE SHEET 61

LEGEND

- PARCEL IDENTIFICATION NUMBER
- △ PARCEL IDENTIFICATION NUMBER - NO TAKE

FOR REFERENCE CIRCLES, SEE SHEETS 26 THRU 31
FOR PROFILE T-408, SEE SHEET 85
FOR PROFILE T-420, SEE SHEET 116
FOR PROFILE T-413 SPUR A, SEE SHEET 118

NOTE:
FOR RAILROAD CROSSING
DETAIL, SEE SHEET 54.

SCALE

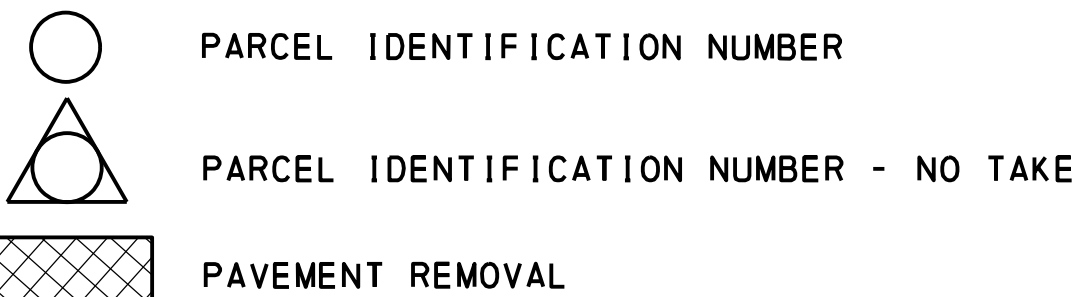


SURVEY BOOK NOS. 7118 (SC1),
7119, 7121, AND 7121

VACATIONS AS SHOWN ON THIS PLAN ARE EFFECTIVE ONLY AFTER AN
ORDER OF VACATION HAS BEEN EXECUTED BY THE TOWNSHIP AND FILED
IN THE APPROPRIATE COUNTY COURTHOUSE.

SEE SHEET 78

LEGEND



T-413
P. I. STA. 153+76.37
Δ = 15°02'29" RT.
T = 79.21'
L = 157.51'
R = 600.00'
E = 5.21'
P. C. STA. 152+97.16
P. T. STA. 154+54.67
S/E = VARIES

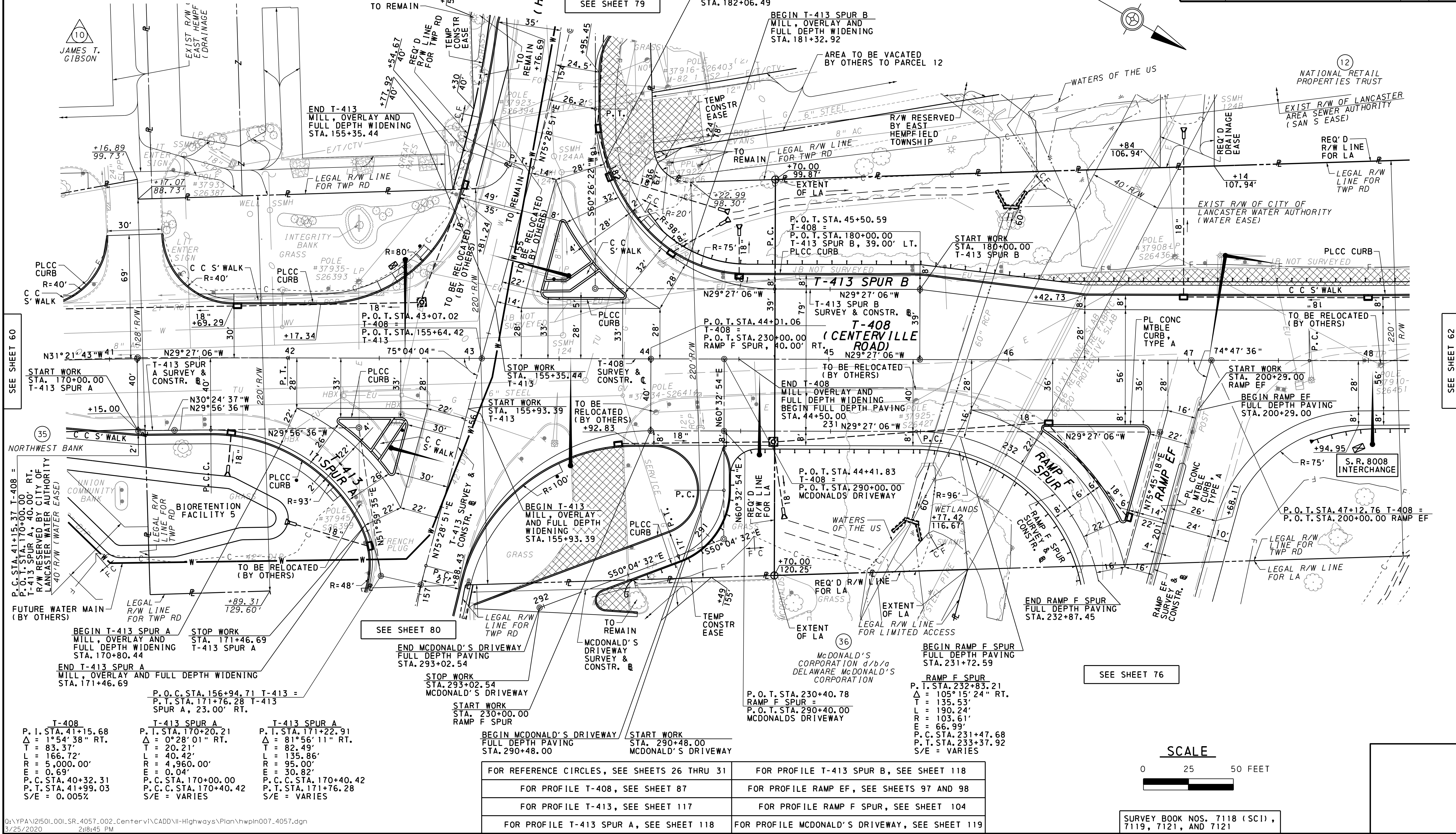
VACATIONS AS SHOWN ON THIS PLAN ARE EFFECTIVE ONLY AFTER AN ORDER OF VACATION HAS BEEN EXECUTED BY THE TOWNSHIP AND FILED IN THE APPROPRIATE COUNTY COURTHOUSE.

T-413
P. I. STA. 157+80.16
Δ = 43°45'28" LT.
T = 96.38'
L = 183.29'
R = 240.00'
E = 18.63'
P. C. STA. 156+83.79
P. T. STA. 158+67.08
S/E = VARIES

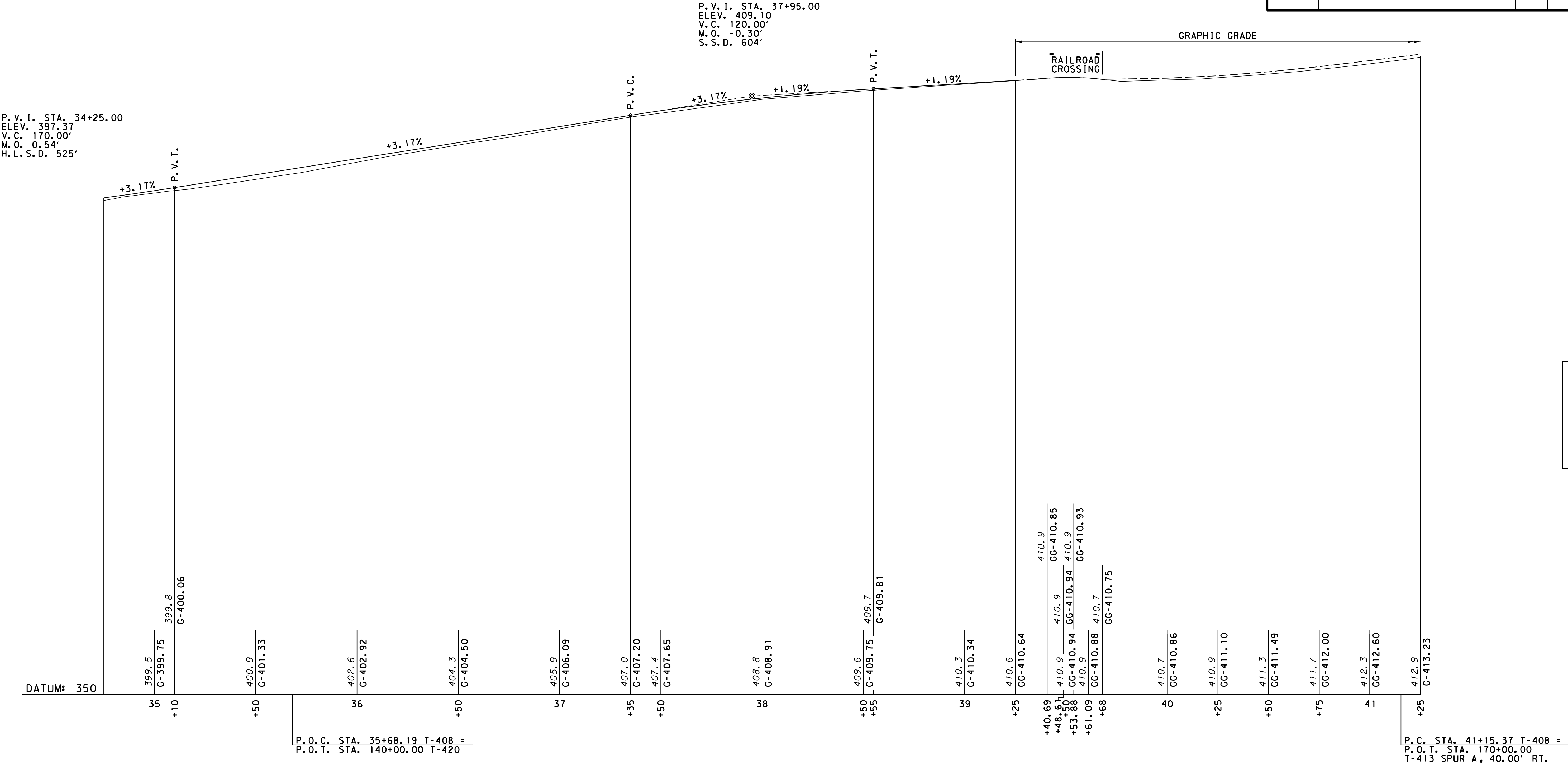
T-413 SPUR B
P. I. STA. 181+80.60
Δ = 89°53'28" RT.
T = 99.81'
L = 156.89'
R = 100.00'
E = 41.29'
P. C. STA. 180+80.79
P. T. STA. 182+37.68
S/E = VARIES

T-408
P. I. STA. 48+50.58
Δ = 1°54'38" LT.
T = 83.37'
L = 166.72'
R = 5,000.00'
E = 0.69'
P. C. STA. 47+67.21
P. T. STA. 49+33.93
S/E = NC

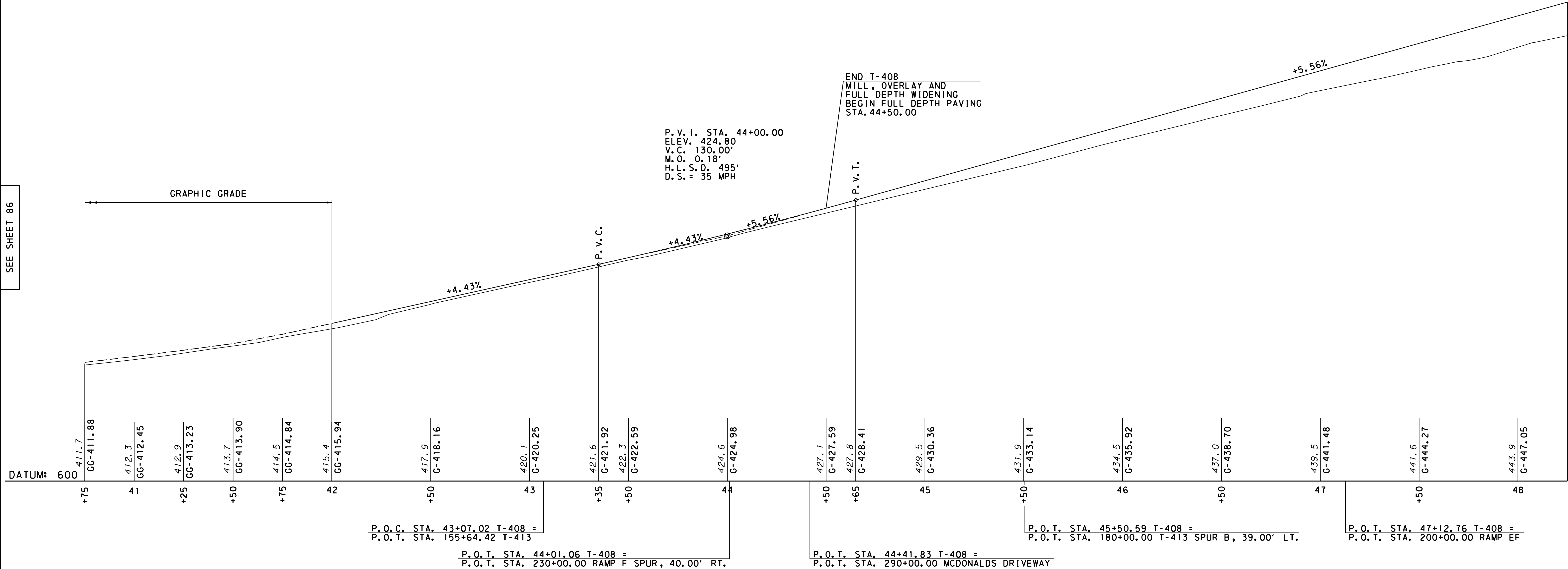
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	61 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	86 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

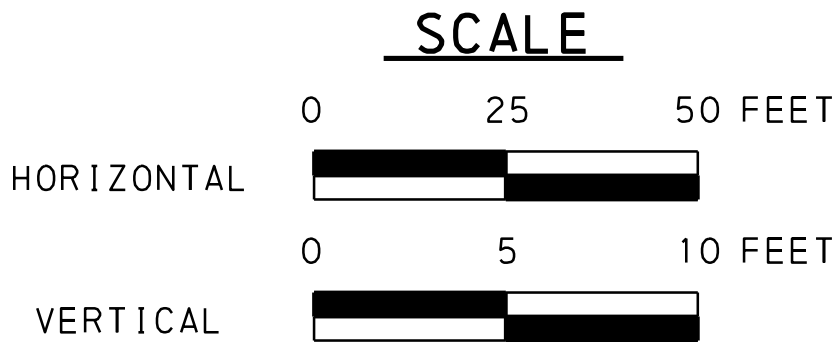


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	87 OF 119
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY



SEE SHEET 88

T-408
(CENTERVILLE ROAD)



CROSS SECTIONS

Dist.	County	Route	Sect.	Prelim. Bk. No.	Final Bk. No.	Sheet No.
8-0	LANCASTER	4057	002			39 OF 211

3/25/2020

PLOTTED:

Road.dgn

OPERATOR: HOPKINS

FILE NAME:

Q:

Y:\PA\121501_001_SR_4057_002_Centerville\11-Highways\Xsec\Xsec.Centerville

Area

Checked By:

Area

Checked By:

Area

Checked By:

Area

Checked By:

Area

Checked By:

Area

Checked By:

Area

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Area

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Area

Checked By:

Area

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Area

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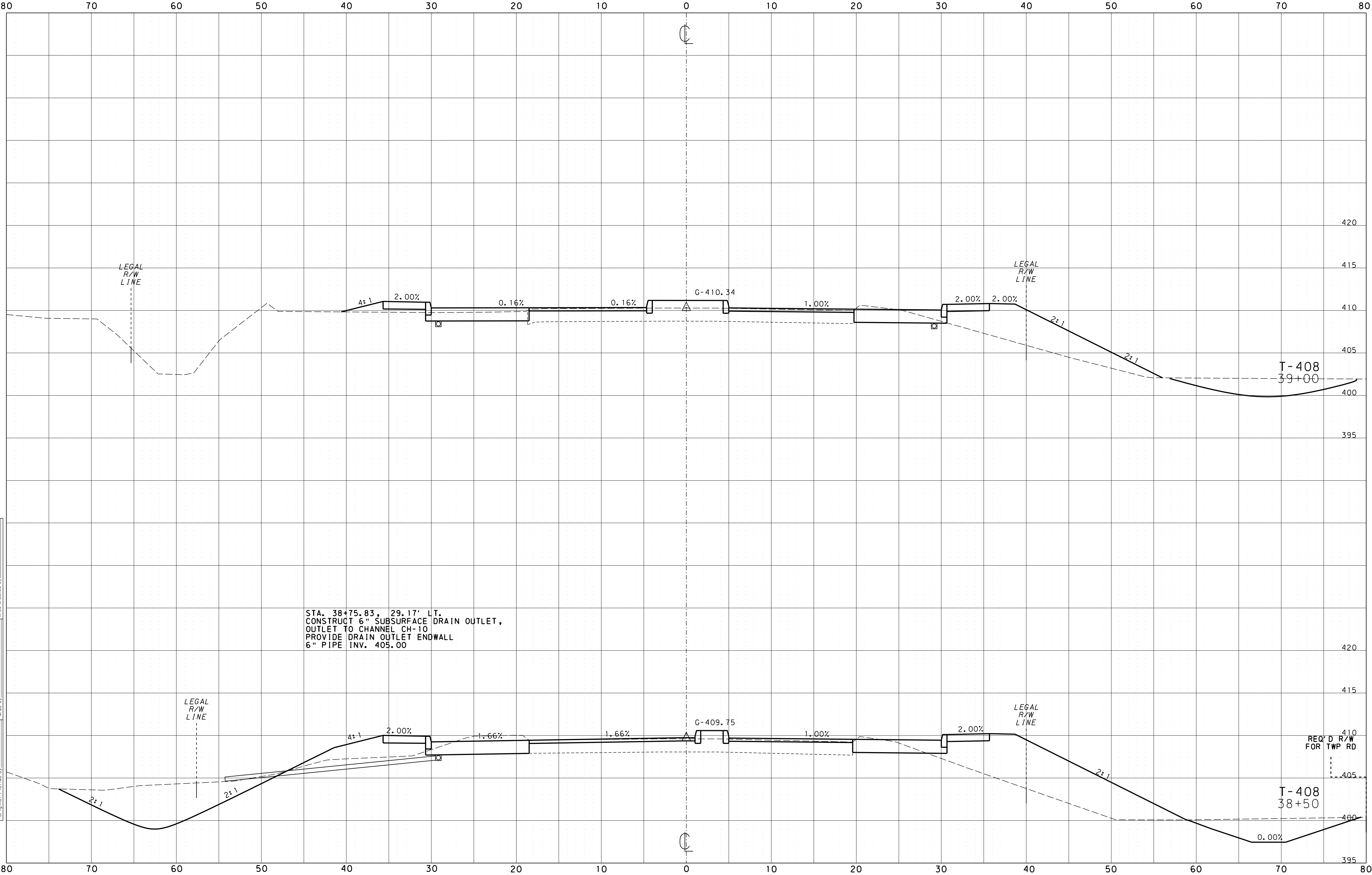
Area

Checked By:

Area

Checked By:

Area



Dist.	County	Route	Sect.	Prelim Bk. No.	Final Bk. No.	Sheet No.
8-0	LANCASTER	4057	002			40 OF 211

3/25/2020

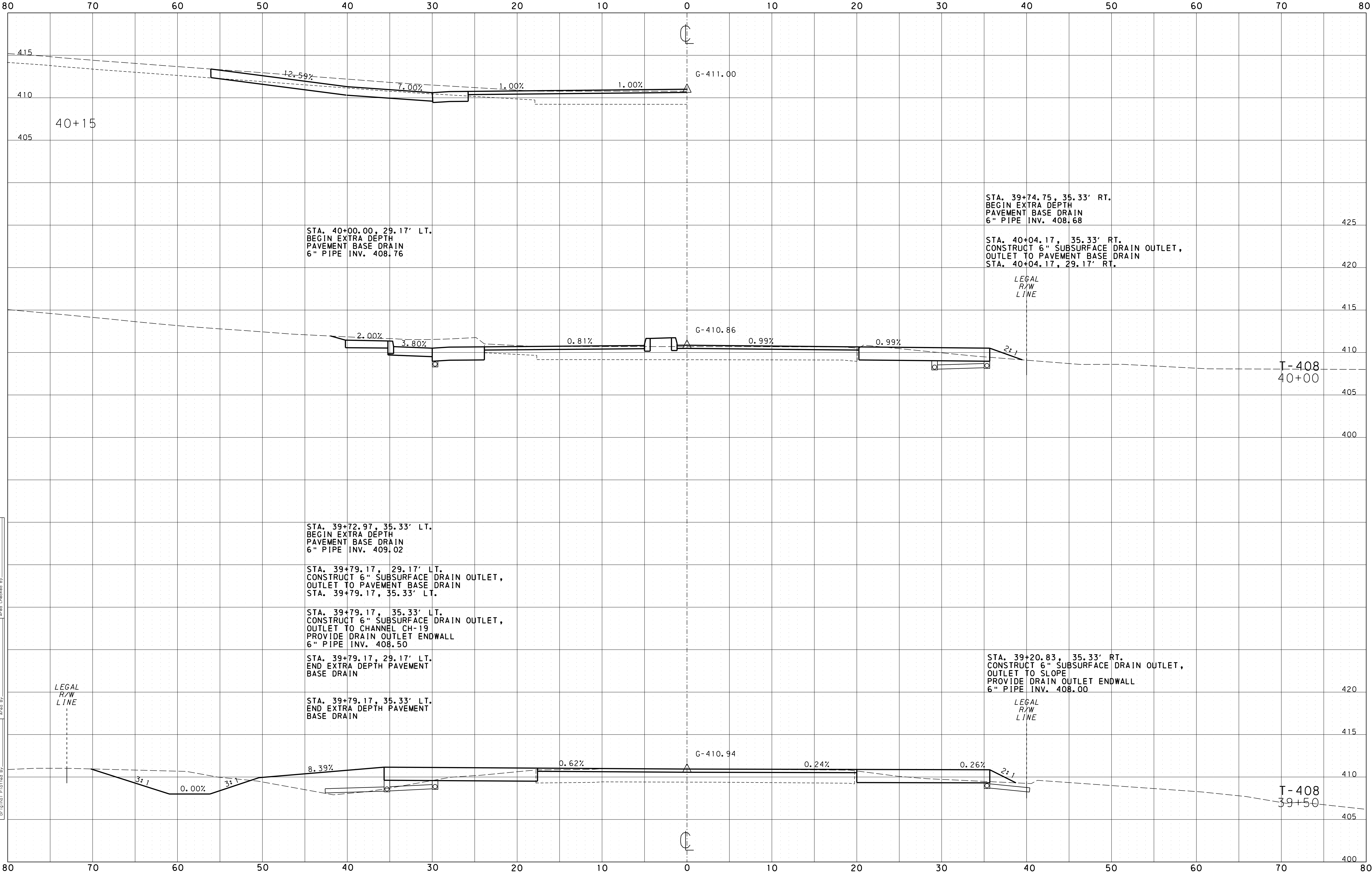
PLOTTED:

FILE NAME: Q:\YPA\121501.001_SR_4057.002_Centerville\11-Highways\Xsec\Xsec.Centerville.Road.dgn

OPERATOR: HOPKINS

FILE NAME: Q:\YPA\121501.001_SR_4057.002_Centerville\11-Highways\Xsec\Xsec.Centerville.Road.dgn

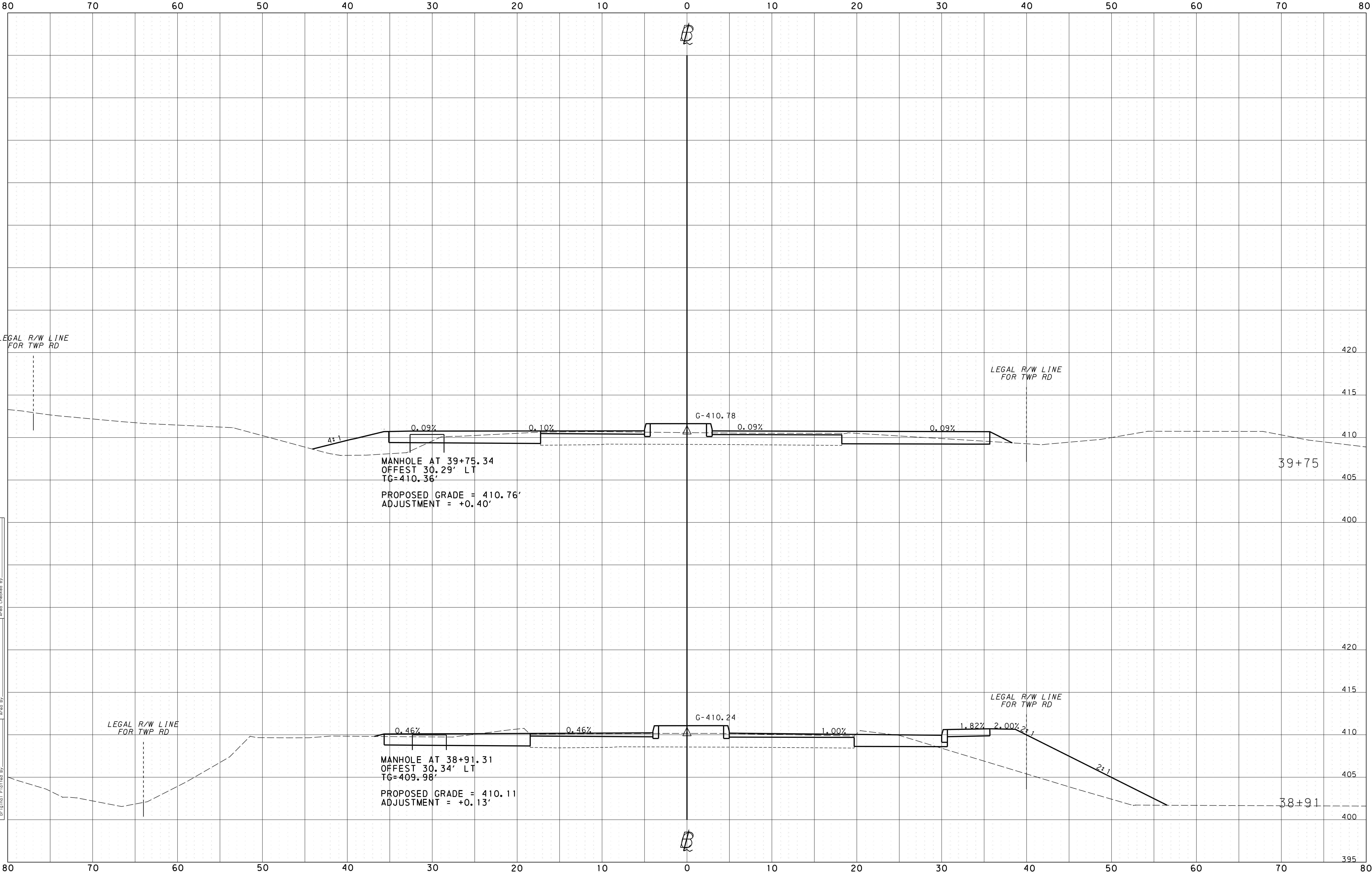
Application No.	Original Checked By	Finals Plotted By
Route No.	Temp Use By	Finals Checked By
Original Plotted By	Area By	Area Checked By



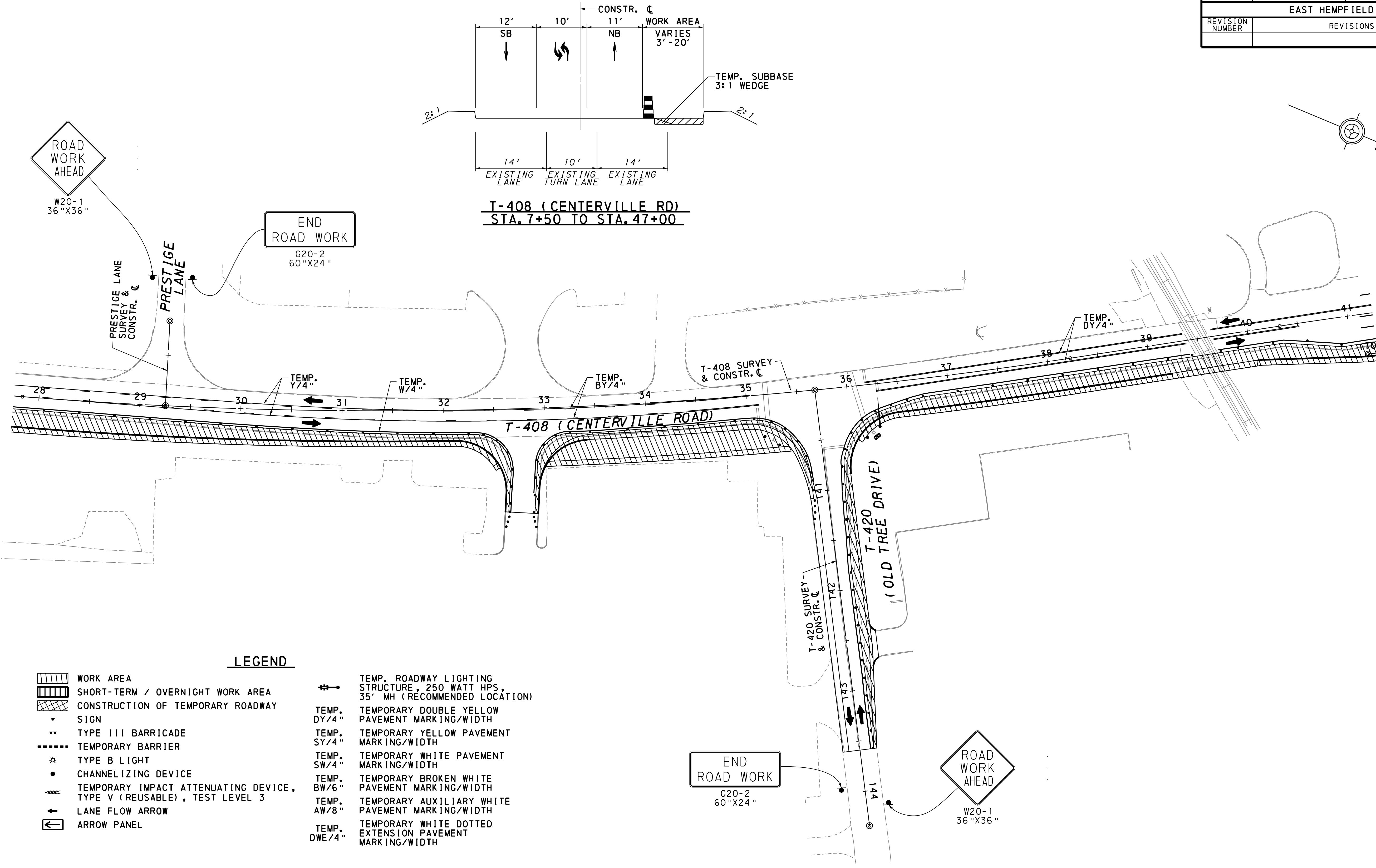
Dist.	County	Route	Sect.	Prelim. Bk. No.	Final Bk. No.	Sheet No.
						OF

3/25/2020
OPERATOR: HOPKINS
FILE NAME: Q:\YPA\121501.001_SR_4057.002_Centervil\CADD\11-Highways\Working\working_bmh.dgn

Application No.	Original Checked By	Finals Plotted By
Route No.	Temp Use By	Finals Checked By
Original Plotted By	Area By	Area Checked By



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	10 OF 37
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

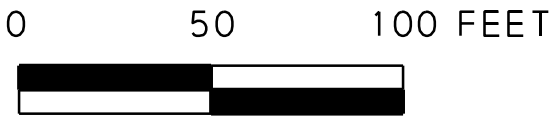


LEGEND

- | | | | |
|--|--|--|---|
| | WORK AREA | | TEMP. ROADWAY LIGHTING STRUCTURE, 250 WATT HPS, 35' MH (RECOMMENDED LOCATION) |
| | SHORT-TERM / OVERNIGHT WORK AREA | | TEMP. TEMPORARY DOUBLE YELLOW PAVEMENT MARKING/WIDTH |
| | CONSTRUCTION OF TEMPORARY ROADWAY SIGN | | TEMP. TEMPORARY YELLOW PAVEMENT MARKING/WIDTH |
| | TYPE III BARRICADE | | TEMP. TEMPORARY WHITE PAVEMENT MARKING/WIDTH |
| | TEMPORARY BARRIER | | TEMP. TEMPORARY BROKEN WHITE PAVEMENT MARKING/WIDTH |
| | TYPE B LIGHT | | TEMP. TEMPORARY AUXILIARY WHITE PAVEMENT MARKING/WIDTH |
| | CHANNELIZING DEVICE | | TEMP. TEMPORARY WHITE DOTTED EXTENSION PAVEMENT MARKING/WIDTH |
| | TEMPORARY IMPACT ATTENUATING DEVICE, TYPE V (REUSABLE), TEST LEVEL 3 | | |
| | LANE FLOW ARROW | | |
| | ARROW PANEL | | |

TRAFFIC CONTROL PLAN
STAGE 1

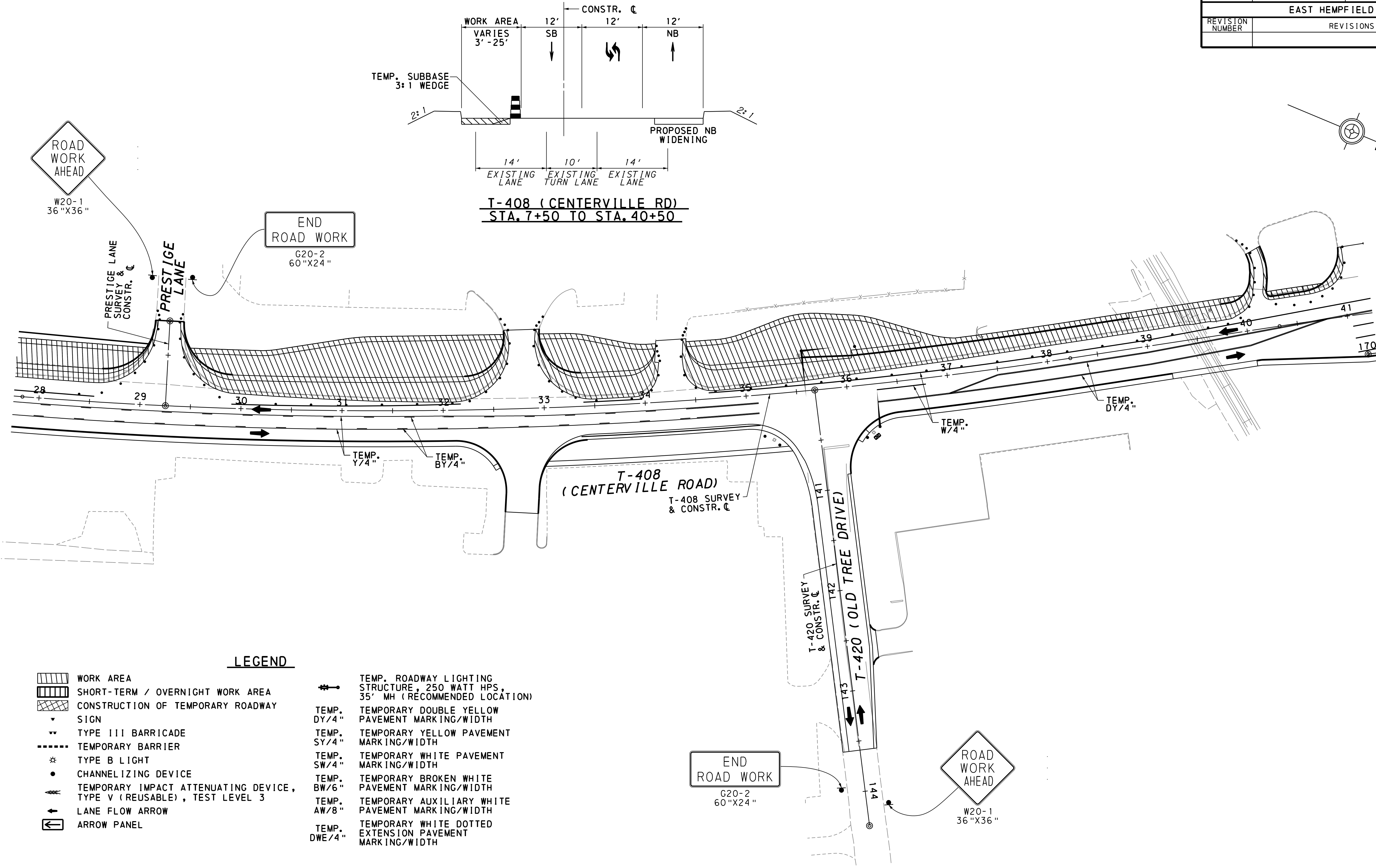
SCALE



SEE PLAN SHEET 9

SEE PLAN SHEET 11

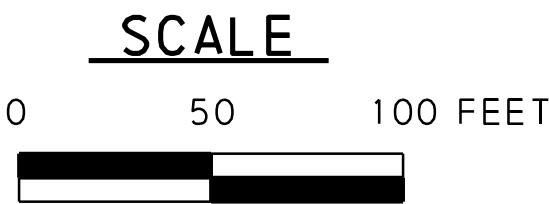
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	20 OF 37
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY



LEGEND

- | | | | |
|--|--|--|---|
| | WORK AREA | | TEMP. ROADWAY LIGHTING STRUCTURE, 250 WATT HPS, 35' MH (RECOMMENDED LOCATION) |
| | SHORT-TERM / OVERNIGHT WORK AREA | | TEMP. TEMPORARY DOUBLE YELLOW PAVEMENT MARKING/WIDTH |
| | CONSTRUCTION OF TEMPORARY ROADWAY SIGN | | TEMP. TEMPORARY YELLOW PAVEMENT MARKING/WIDTH |
| | TYPE III BARRICADE | | TEMP. TEMPORARY WHITE PAVEMENT MARKING/WIDTH |
| | TEMPORARY BARRIER | | TEMP. TEMPORARY BROKEN WHITE PAVEMENT MARKING/WIDTH |
| | TYPE B LIGHT | | TEMP. TEMPORARY AUXILIARY WHITE PAVEMENT MARKING/WIDTH |
| | CHANNELIZING DEVICE | | TEMP. TEMPORARY WHITE DOTTED EXTENSION PAVEMENT MARKING/WIDTH |
| | TEMPORARY IMPACT ATTENUATING DEVICE, TYPE V (REUSABLE), TEST LEVEL 3 | | |
| | LANE FLOW ARROW | | |
| | ARROW PANEL | | |

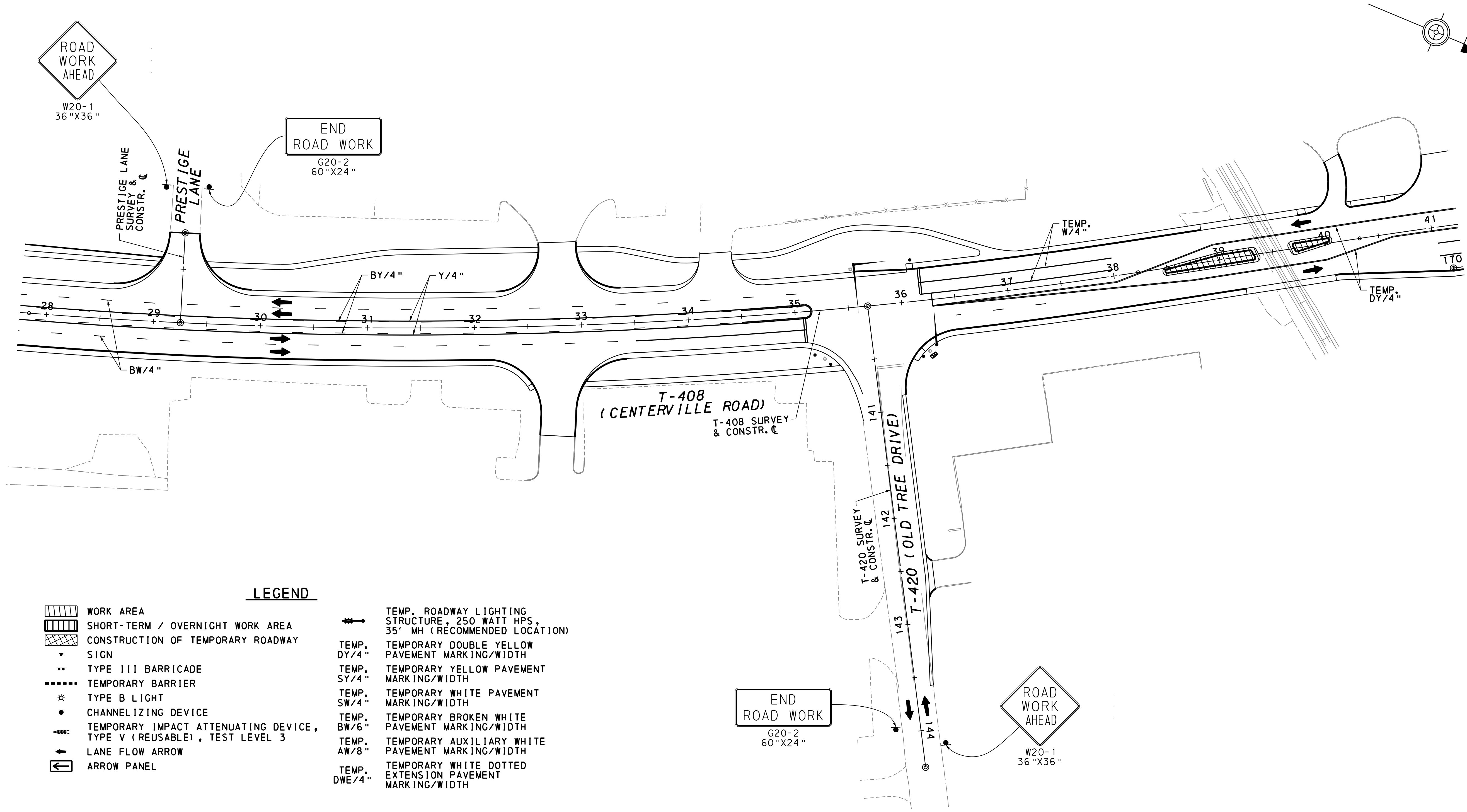
TRAFFIC CONTROL PLAN
STAGE 2A



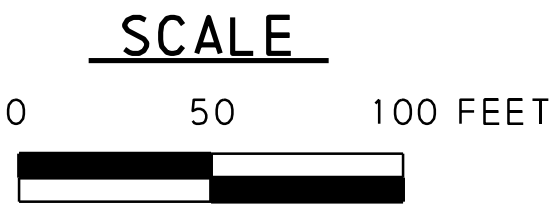
SEE PLAN SHEET 19

SEE PLAN SHEET 21

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	32 OF 37
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY

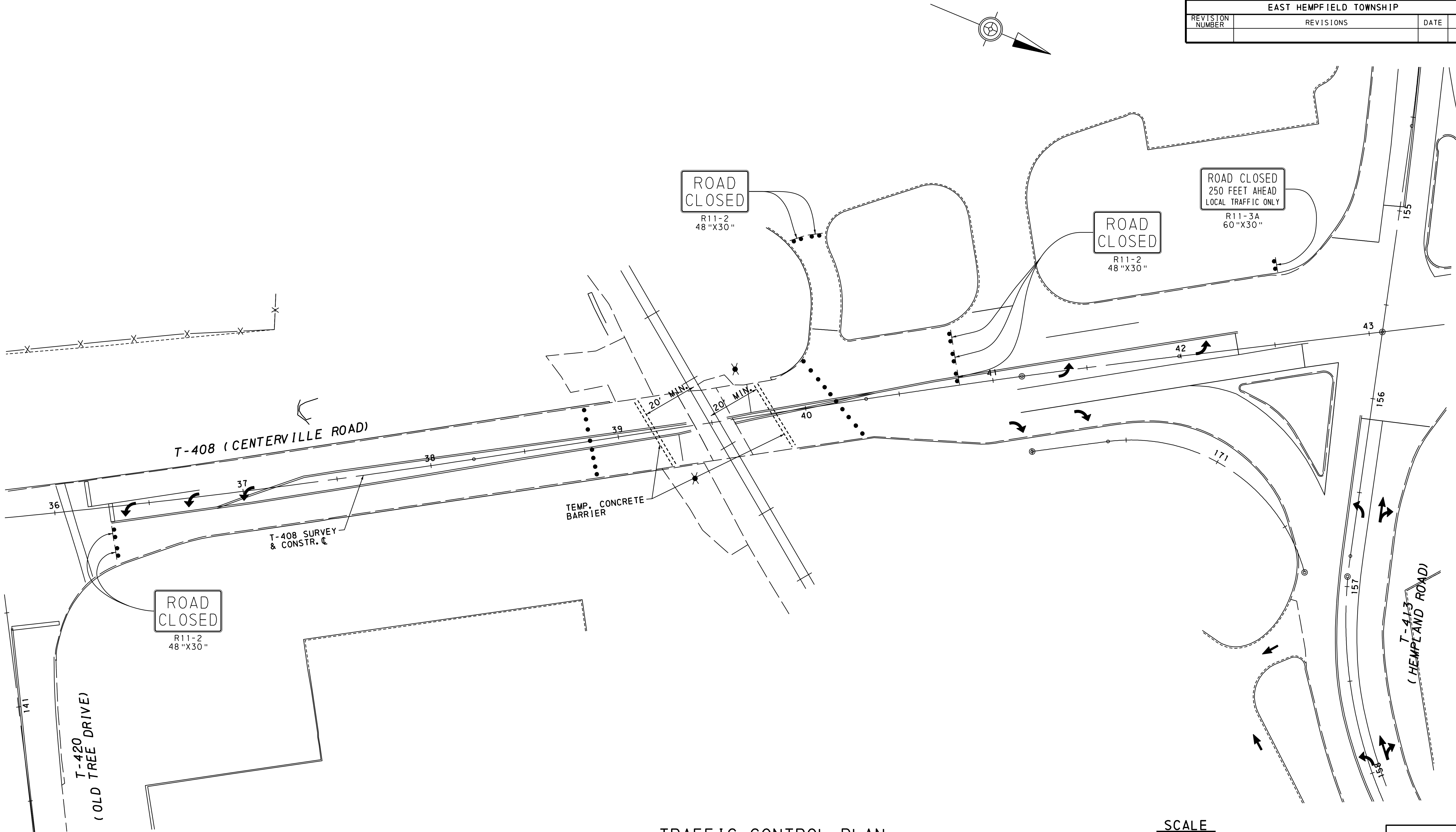


TRAFFIC CONTROL PLAN
STAGE 3

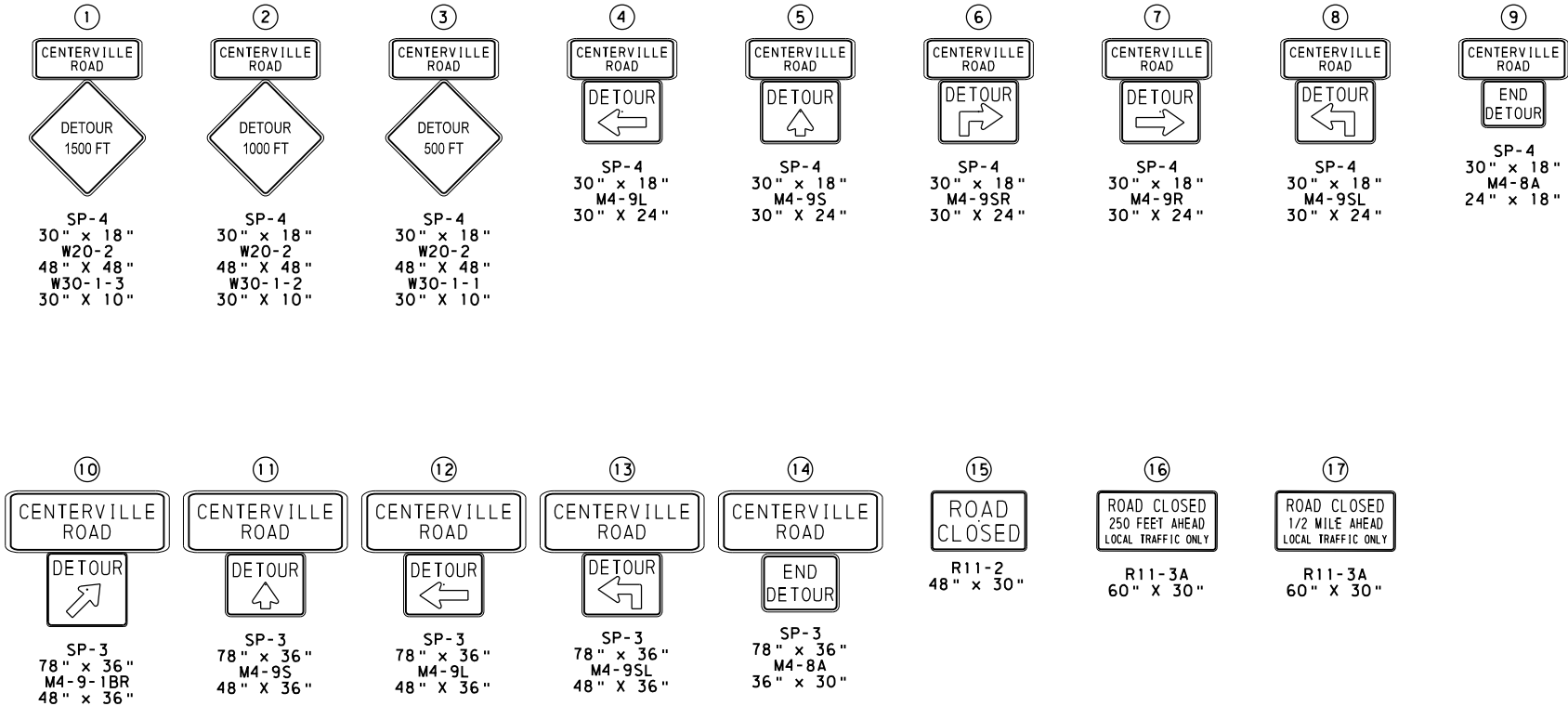


SEE PLAN SHEET 33

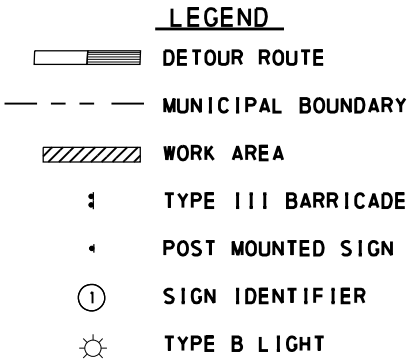
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	OF 5
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	OF
		4057	002	
		0023	002	
		T-408		
		T-543		
MANOR AND EAST HEMPFIELD TOWNSHIPS				
REVISION NUMBER	REVISIONS			DATE BY



NOTES:
1. SIGNS AND LOCATIONS ARE NOT TO SCALE.



SEE DETAIL 'A' -
Sheet **



S.R. 8008 TO S.R. 8008 DETOUR LENGTH: 4.1 MILES

LOCATION MAP
SCALE IN MILES

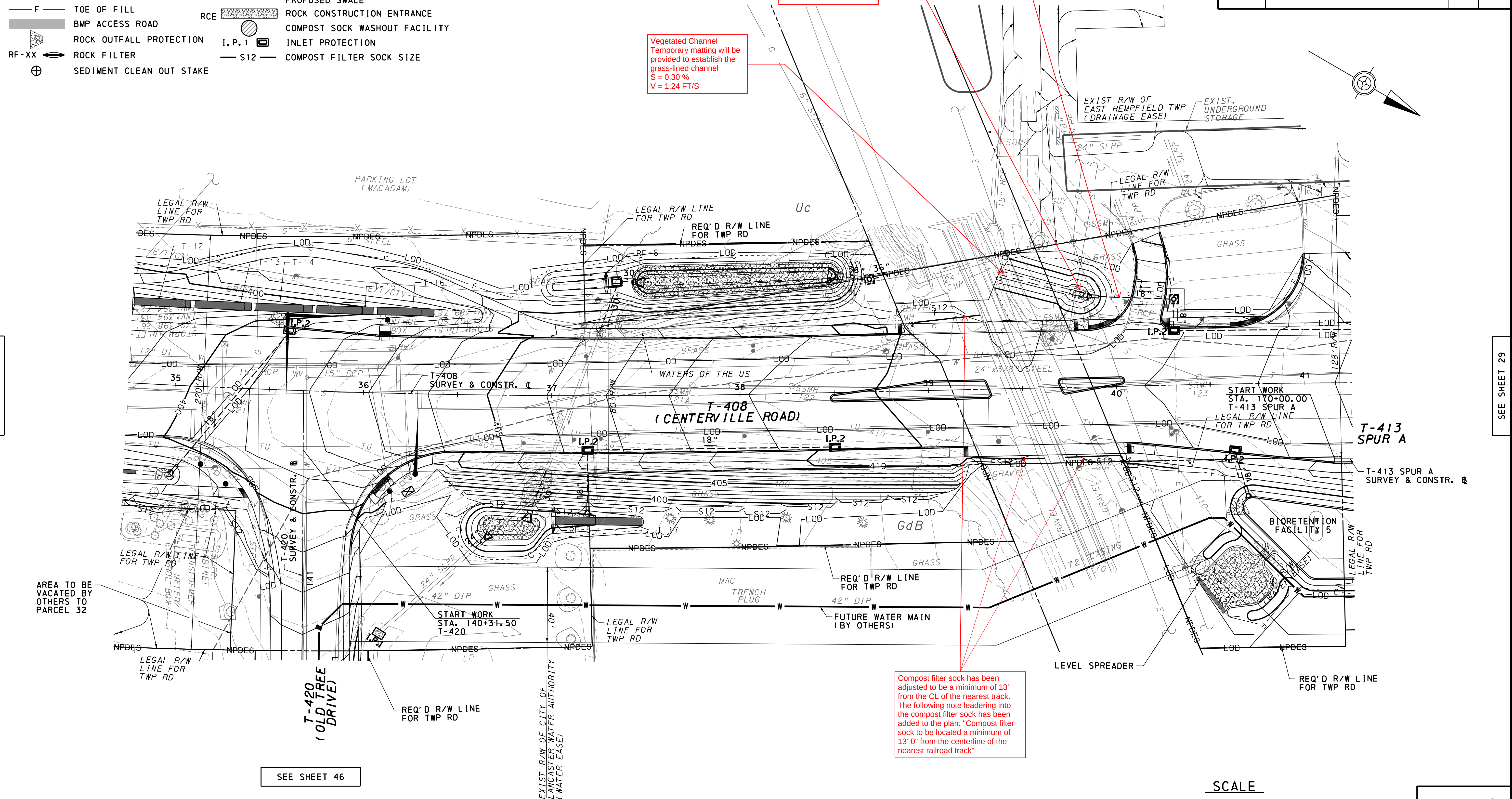


TRAFFIC CONTROL PLAN
RAILROAD CROSSING DETOUR

LEGEND

- 415 — EXISTING LIDAR CONTOURS — LOD — LIMIT OF DISTURBANCE
--- 415 --- EXISTING CONTOURS — NPDES — NPDES BOUNDARY
— 415 — PROPOSED CONTOURS ----- SOIL BOUNDARY
--- 415 --- PROPOSED PIPE AND INLET **Cy** SOIL TYPE
--- C --- EXISTING PIPE AND INLET == == == PROPOSED CHANNEL
--- C --- TOP OF CUT ----- PROPOSED SWALE
— F — TOE OF FILL RCE ROCK CONSTRUCTION ENTRANCE
BMP ACCESS ROAD COMPOST SOCK WASHOUT FACILITY
ROCK OUTFALL PROTECTION I.P.1 INLET PROTECTION
RF-XX ROCK FILTER — S12 — COMPOST FILTER SOCK SIZE
⊕ SEDIMENT CLEAN OUT STAKE

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	28 OF 48
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY



VACATIONS AS SHOWN ON THIS PLAN ARE EFFECTIVE ONLY AFTER AN ORDER OF VACATION HAS BEEN EXECUTED BY THE TOWNSHIP AND FILED IN THE APPROPRIATE COUNTY COURTHOUSE.

EROSION AND SEDIMENT POLLUTION CONTROL PLAN

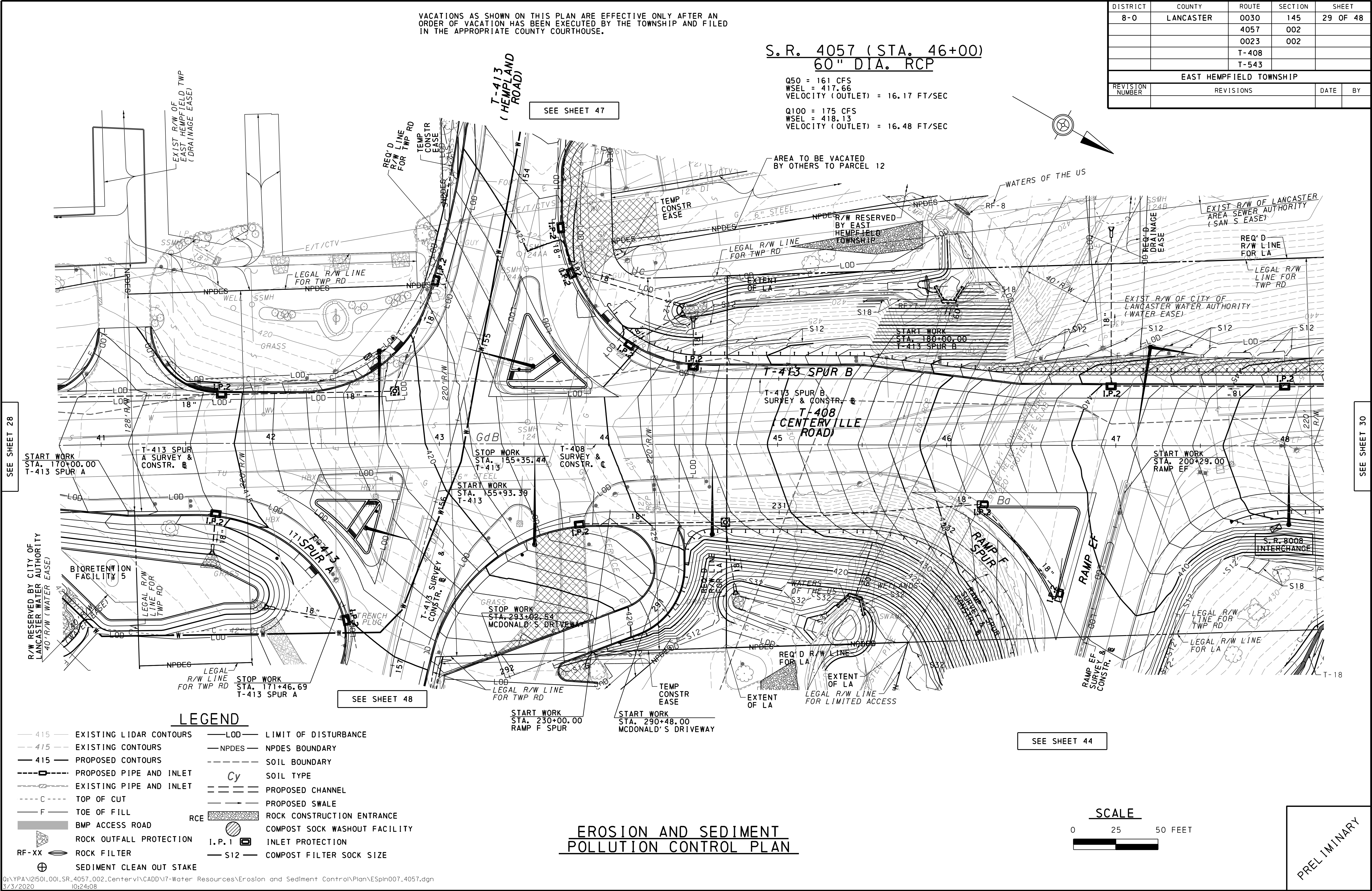
VACATIONS AS SHOWN ON THIS PLAN ARE EFFECTIVE ONLY AFTER AN ORDER OF VACATION HAS BEEN EXECUTED BY THE TOWNSHIP AND FILED IN THE APPROPRIATE COUNTY COURTHOUSE.

S.R. 4057 (STA. 46+00)
60" DIA. RCP

Q50 = 161 CFS
WSEL = 417.66
VELOCITY (OUTLET) = 16.17 FT/SEC

Q100 = 175 CFS
WSEL = 418.13
VELOCITY (OUTLET) = 16.48 FT/SEC

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	29 OF 48
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
8-0	LANCASTER	0030	145	31 OF 50
		4057	002	
		0023	002	
		T-408		
		T-543		
EAST HEMPFIELD TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE
				BY

