

PLAN PREPARATION

DISTRICT PROJECT MANAGER: STEPHEN A. SCHETTTLER
LARSON DESIGN GROUP PROJECT MANAGER: DAVID J. JOHNSON, P.E.

DISTRICT	COUNTY	TOWNSHIP	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
1-0	ERIE	ELK	---	0005	B21 R/W	7

SR 0005 PREVIOUSLY KNOWN AS ROUTE NO 495

MPMS NO. 116741

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF TRANSPORTATION

DRAWINGS AUTHORIZING ACQUISITION

OF

RIGHT-OF-WAY

FOR

STATE ROAD 0005 SECTION B21 R/W

IN ERIE COUNTY

FROM STA 327+37.00 TO STA 330+35.00 LENGTH 298.00 FT 0.056 MI

FROM SEG 0750 OFFSET 0681 TO SEG 0750 OFFSET 0979

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

HORIZONTAL



VERTICAL



DESIGN DESIGNATION

HIGHWAY CLASSIFICATION - URBAN MINOR ARTERIAL
DESIGN SPEED - 45 MPH
PAVEMENT WIDTH - 22'
SHOULDER WIDTH - 6' (LT & RT)

TRAFFIC DATA

CURRENT A.D.T. - 6198 (2026)
DESIGN YEAR A.D.T. - 6323 (2046)
D.H.V. - 570
D - 66%
T - 4%

RECORDED IN THE OFFICE FOR THE
RECORDING OF DEEDS, ETC. IN
ERIE COUNTY, PA.
IN BOOK PAGE

WITNESS MY HAND AND
SEAL OF OFFICE
DATE

RECORDER

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF DAUPHIN SS
BEFORE ME, A NOTARY PUBLIC, PERSONALLY CAME

KNOWN TO ME OR SATISFACTORILY PROVEN TO BE
THE PERSON WHO AS BEEN AUTHORIZED BY WRITTEN
DELEGATION TO AFFIX THE FACSIMILE SIGNATURE OF
MICHAEL B. CARROLL, P.E., SECRETARY OF
TRANSPORTATION, ON PLANS AUTHORIZING ACQUISITION
OF RIGHT-OF-WAY BY THE DEPARTMENT OF
TRANSPORTATION, AND AS SUCH AUTHORIZED
REPRESENTATIVE ACKNOWLEDGED THE WITHIN PLAN,
COMPRISING SEVEN (7) SHEETS, TO BE AN OFFICIAL
PLAN OF THE DEPARTMENT OF TRANSPORTATION AND
DESIRED THAT THE SAME BE RECORDED AS SUCH.

WITNESS MY HAND AND NOTARIAL SEAL

NOTARY PUBLIC

PREPARED BY:
MONALOH BASIN ENGINEERS
300 BUSINESS CENTER DRIVE,
SUITE 304
PITTSBURGH, PA 15205

PRELIMINARY
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used for reference purposes only, as details
and content are subject to change.

REG PROF LAND SURVEYOR

DATE:

PREPARED BY:
LARSON DESIGN GROUP
1000 COMMERCE PARK DRIVE,
WILLIAMSPORT, PA 17701

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REG PROF ENGINEER

DATE:

RECOMMENDED DATE:

DISTRICT EXECUTIVE

RECOMMENDED DATE:

DEPUTY SECRETARY

APPROVED DATE:

SECRETARY OF TRANSPORTATION

(ON BEHALF OF THE GOVERNOR
AS WELL AS THE SECRETARY)

DATE: \$DATE\$
TIME: \$TIME\$
FILE: \$FILE\$
USER: \$USER\$
MODEL: \$MODELNAME\$
PLOT DRIVER: \$PLOTDRV\$
PEN TABLE: \$PENIBL\$

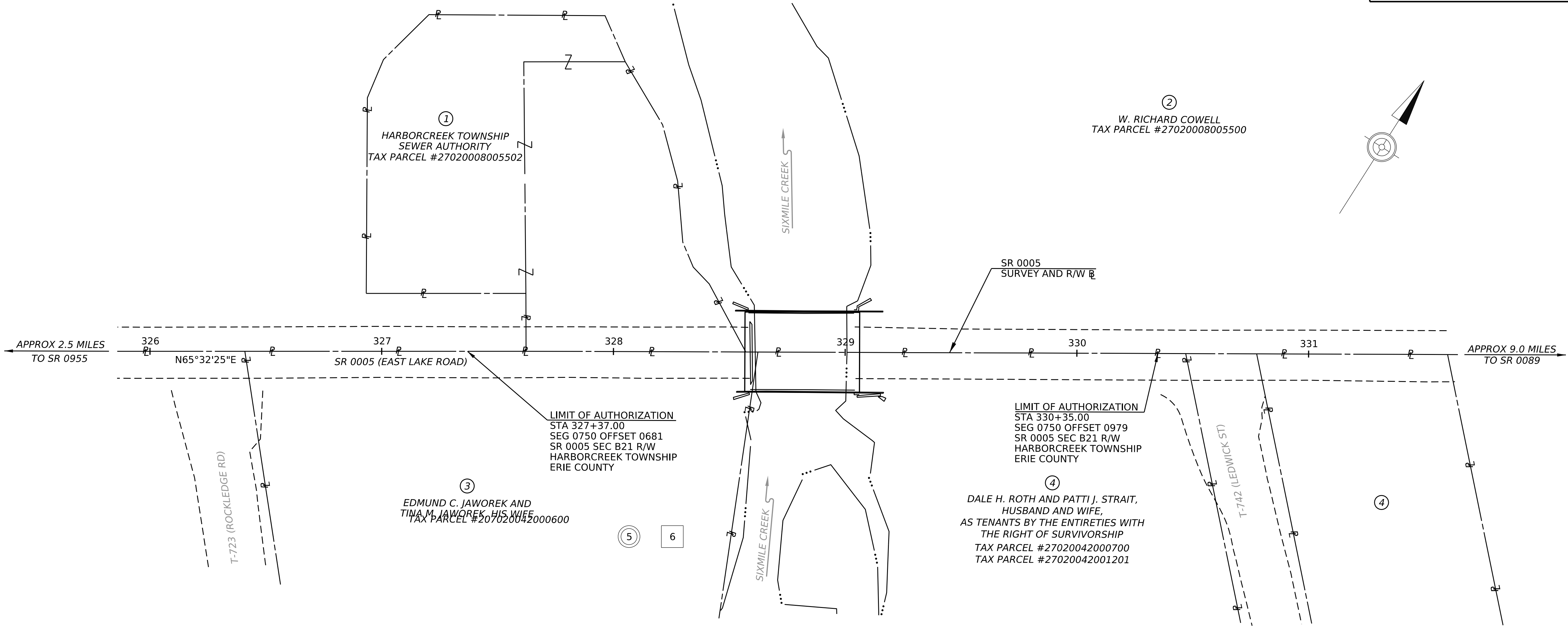
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TABULATION OF SEGMENT EQUALITIES

SEGMENT 0750 OFFSET 0681 TO SEGMENT 0750 OFFSET 0979

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
1-0	ERIE	0005	B21 R/W	2 OF 7		
HARBORCREEK TOWNSHIP						
REV NO	REVISIONS			DATE	BY	APPD

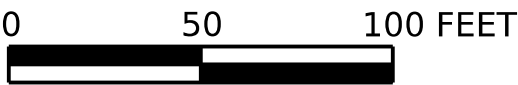
SHEET INDEX BLOCK	
DESCRIPTION	SHEET
TITLE SHEET	1
INDEX MAP	2
LOCATION MAP & GENERAL NOTES	3
TYPICAL SECTIONS	4
PLAN SHEET	5
PROFILE	6
RIGHT-OF-WAY CLAIM INFORMATION	7



LEGEND

- PLAN
- PROFILE
- PARCEL IDENTIFICATION NUMBER

INDEX MAP



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TIME: \$TIME\$
FILE: \$FILE\$
USER: \$USER\$
MODEL: \$MODELNAME\$
PLOT DRIVER: \$PLOTDRVL\$
PEN TABLE: \$PENTBL\$

TABULATION OF OVERALL AND AUTHORIZATION LENGTH

STA 327+37.00 TO STA 330+35.00 = 298.00 FEET = 0.056 MILES

LIST OF STATION EQUALITIES

NONE

SUMMARY OF PROJECT COORDINATES

BASED ON PA STATE PLANE COORDINATE SYSTEM (NORTH ZONE)
AVERAGE COMBINED FACTOR = 1.000816837.

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
SR 0005 SURVEY & R/W	323+00.00	BEGIN STA	739357.9790	1361953.4110	N65°32'25"E
	327+75.70	PI	739554.9442	1362386.4181	
	334+00.00	END STA	739811.3698	1362955.6250	N65°44'55"E

FOUR (4) PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY
AND DO NOT IMPLY A PRECISION BEYOND TWO (2) DECIMAL PLACES.

SUMMARY OF REQUIRED RIGHT-OF-WAY

BREAK POINT COORDINATES

BASED ON PA STATE PLANE COORDINATE SYSTEM (NORTH ZONE)
AVERAGE COMBINED FACTOR = 1.000816837.

ROUTE	STATION	SIDE	OFFSET	COORDINATES	
				NORTH	EAST
SR 0005 SURVEY & R/W	328+14.00	LT	25.00'	739593.4694	1362411.0697
	328+14.00	LT	34.00'	739601.6752	1362407.3731
	328+24.00	LT	34.00'	739605.7826	1362416.4906
	328+24.00	LT	40.00'	739611.2531	1362414.0261
	329+30.00	LT	40.00'	739654.7916	1362510.6719
	329+30.00	LT	25.00'	739641.1154	1362516.8330
	328+40.00	RT	25.00'	739558.5611	1362455.3123
	328+40.00	RT	35.00'	739549.4435	1362459.4197
	329+35.00	RT	35.00'	739588.4639	1362546.0362
	329+35.00	RT	25.00'	739597.5815	1362541.9288

FOUR (4) PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY
AND DO NOT IMPLY A PRECISION BEYOND TWO (2) DECIMAL PLACES.

PUBLIC UTILITIES

PENNSYLVANIA ONE CALL SYSTEM 1-800-242-1776
SERIAL NO.20232070888

HARBORCREEK TOWNSHIP SEWER AUTHORITY
5601 BUFFALO ROAD
HARBORCREEK, PA 16421
ATTENTION: BRIAN MCNAMARA
PHONE: (814)-899-9191

NATIONAL FUEL GAS DISTRIBUTION CORPORATION
6363 MAIN STREET
WILLIAMSVILLE, NY 14221
ATTENTION: BRANDT BAUER
PHONE: (814)-871-8562

CROWN CASTLE INTERNATIONAL INC.
2000 CORPORATE DRIVE
CANONSBURG, PA 15317
ATTENTION: CALEB HILLEGASS
PHONE: (814)-285-8461

ERIE WATER WORKS
240 W 12TH STREET
ERIE, PA 16501
ATTENTION: ROBERT DURAN
PHONE: (814)-870-8000

PENNSYLVANIA ELECTRIC COMPANY
1600 WEST FIRST STREET
OIL CITY, PA 16301
ATTENTION: NATHAN SMERKER
PHONE: (814)-676-7559

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
1-0	ERIE	0005	B21 R/W	3 OF 7		
HARBORCREEK TOWNSHIP						
REV NO	REVISIONS			DATE	BY	APPD

GENERAL NOTES

THE LEGAL RIGHT-OF-WAY ON SR 0005, FORMERLY KNOWN AS ROUTE 495, FROM STA 327+37.00 TO STA 330+35.00 IS 50 FEET IN WIDTH BASED ON PLAN FOR RESURFACING AND WIDENING AND CONDEMNATION OF RIGHT OF WAY FOR ROUTE NO. 495, APPROVED BY THE GOVERNOR ON JUNE 3, 1938.

THE LEGAL RIGHT-OF-WAY ON T-723 (ROCKLEDGE ROAD) IS 30 FEET IN WIDTH BASED ON BERKLEY PARK SUBDIVISION, APPROVED ON MARCH 28, 1919, AND RECORDED ON APRIL 12, 1919, IN THE ERIE COUNTY RECORDERS OFFICE IN PLAN BOOK 2, PAGE 276 AND 277.

THE LEGAL RIGHT-OF-WAY ON T-742 (LEDWICK STREET) IS 30 FEET IN WIDTH BASED ON MAP IN THE DEED FROM M.C. MURPHY TO CLARENCE A. POST UX, RECORDED JULY 1, 1931, IN THE ERIE COUNTY RECORDERS OFFICE IN DEED BOOK 344, PAGE 798.

ALL REQUIRED RIGHT-OF-WAY FOR THIS PROJECT SHALL BE ACQUIRED IN FEE SIMPLE UNLESS OTHERWISE NOTED. AREAS, IF ANY, NOT TO BE ACQUIRED IN FEE SIMPLE 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 HALF CIRCLED NUMBER INDICATES A SCALED DIMENSION.

HORIZONTAL CONTROL IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SPCS 83) (NORTH ZONE).

VERTICAL CONTROL IS BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

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

THE FOLLOWING SYMBOL IS USED TO DEPICT THE SLOPE LIMITS:



THERE ARE NO NAVIGABLE STREAMS ON THE PROJECT.

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.

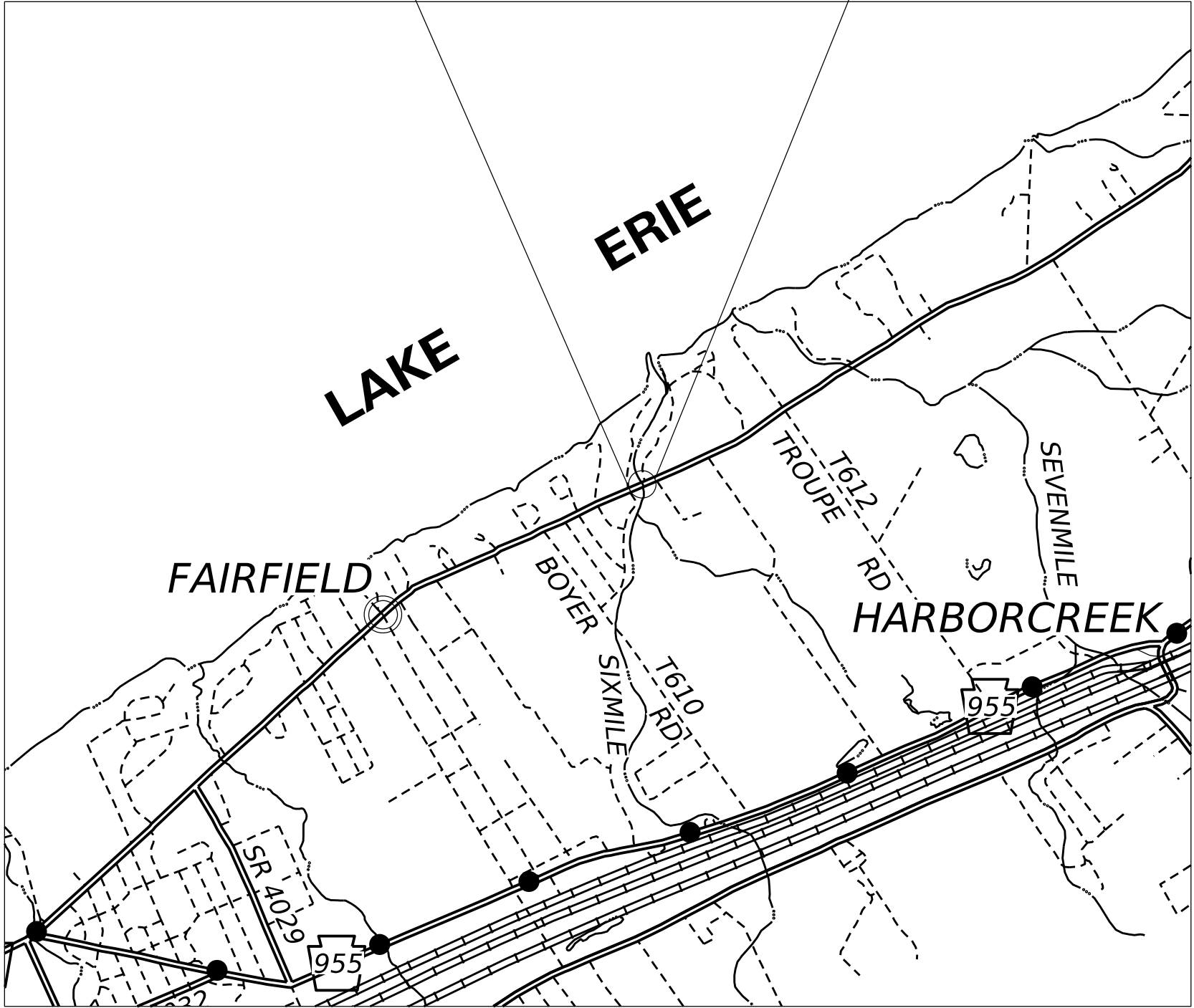
TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED. UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

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.

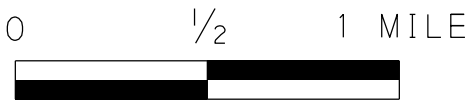
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SURVEY BOOK NO. 20657	

LIMIT OF AUTHORIZATION
STA 327+37.00
SEG 0750 OFFSET 0681
SR 0005 SEC B21 R/W
HARBORCREEK TOWNSHIP
ERIE COUNTY

LIMIT OF AUTHORIZATION
STA 330+35.00
SEG 0750 OFFSET 0979
SR 0005 SEC B21 R/W
HARBORCREEK TOWNSHIP
ERIE COUNTY



LOCATION MAP



MAP LEGEND

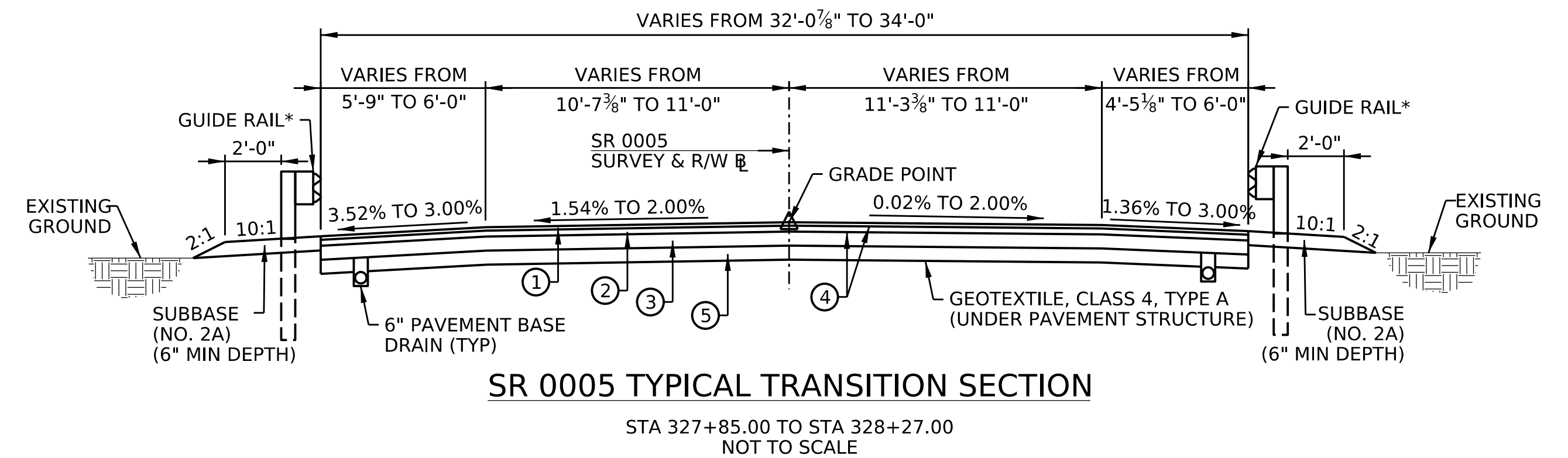
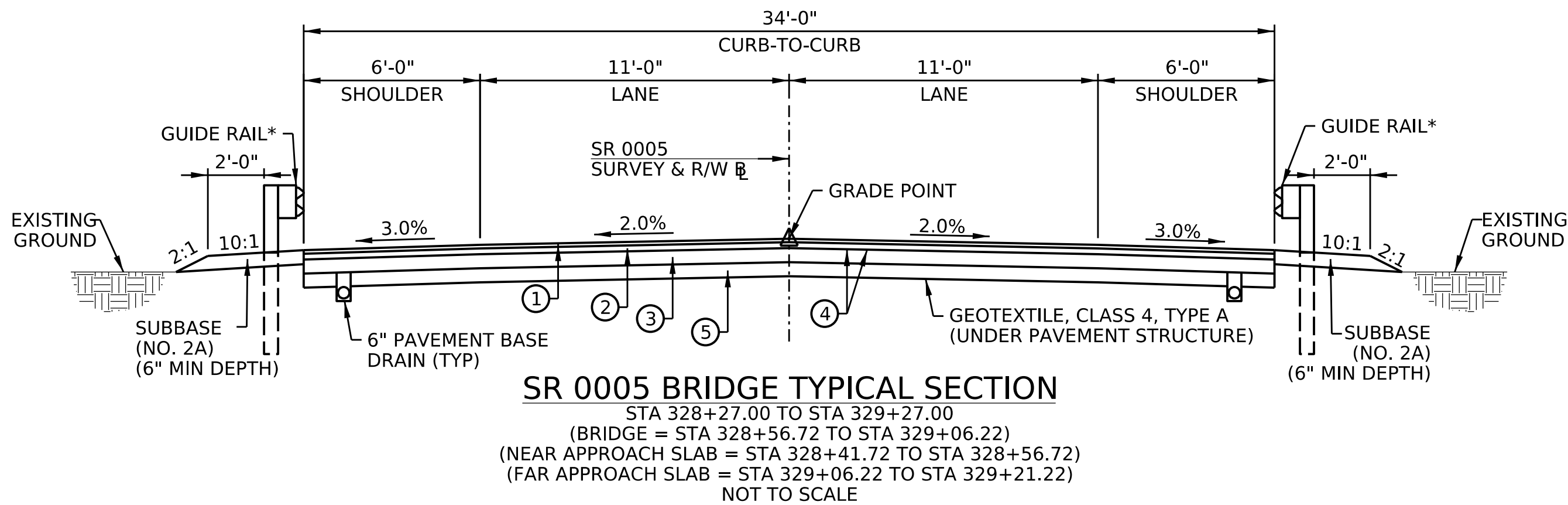
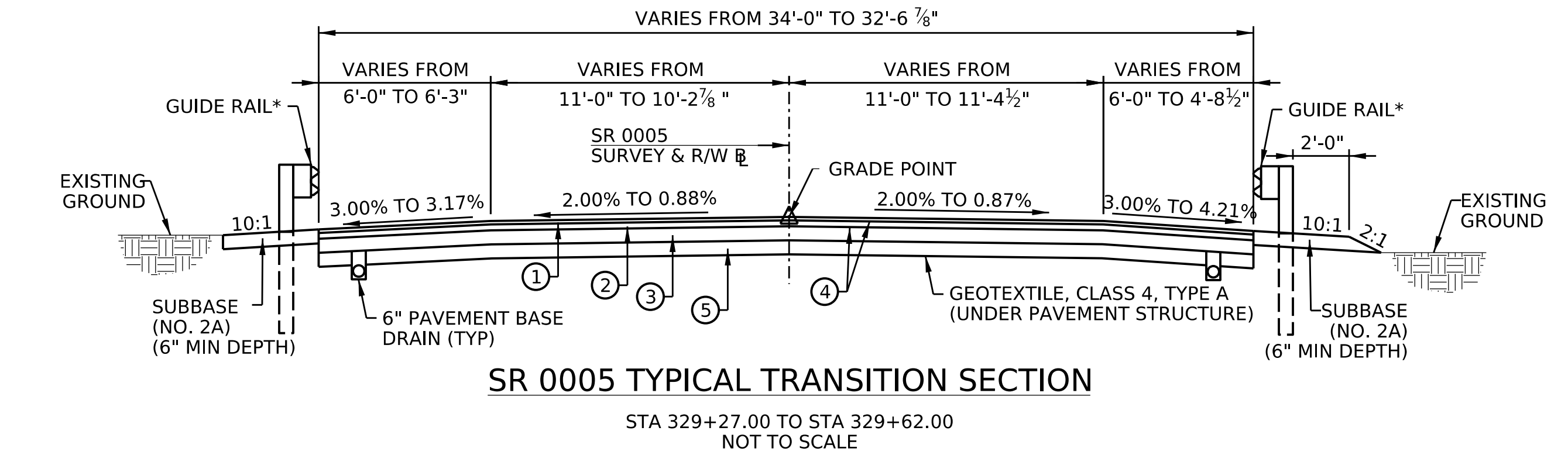
- PROJECT
- STATE HIGHWAY
- LOCAL ROAD
- STREAM
- DETOUR

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DATE: \$DATE\$
TIME: \$TIME\$
FILE: \$FILE\$
USER: \$USER\$
MODEL: \$MODELNAME\$
PLOT DRIVER: \$PLOTDRV\$
PEN TABLE: \$PENTBL\$

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
1-0	ERIE	0005	B21 R/W	4	OF 7	
HARBORCREEK TOWNSHIP						
REV NO	REVISIONS			DATE	BY	APPD



- LEGEND**
- ① - SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1½" DEPTH SRL-H
 - ② - SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2½" DEPTH
 - ③ - SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 6" DEPTH
 - ④ - ASPHALT TACK COAT (NTT/CNTT)
 - ⑤ - SUBBASE 8" DEPTH (NO. 2A)
 - * - SEE PLAN FOR LIMITS OF GUIDE RAIL

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THIS PROPERTY PLOT PLAN IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

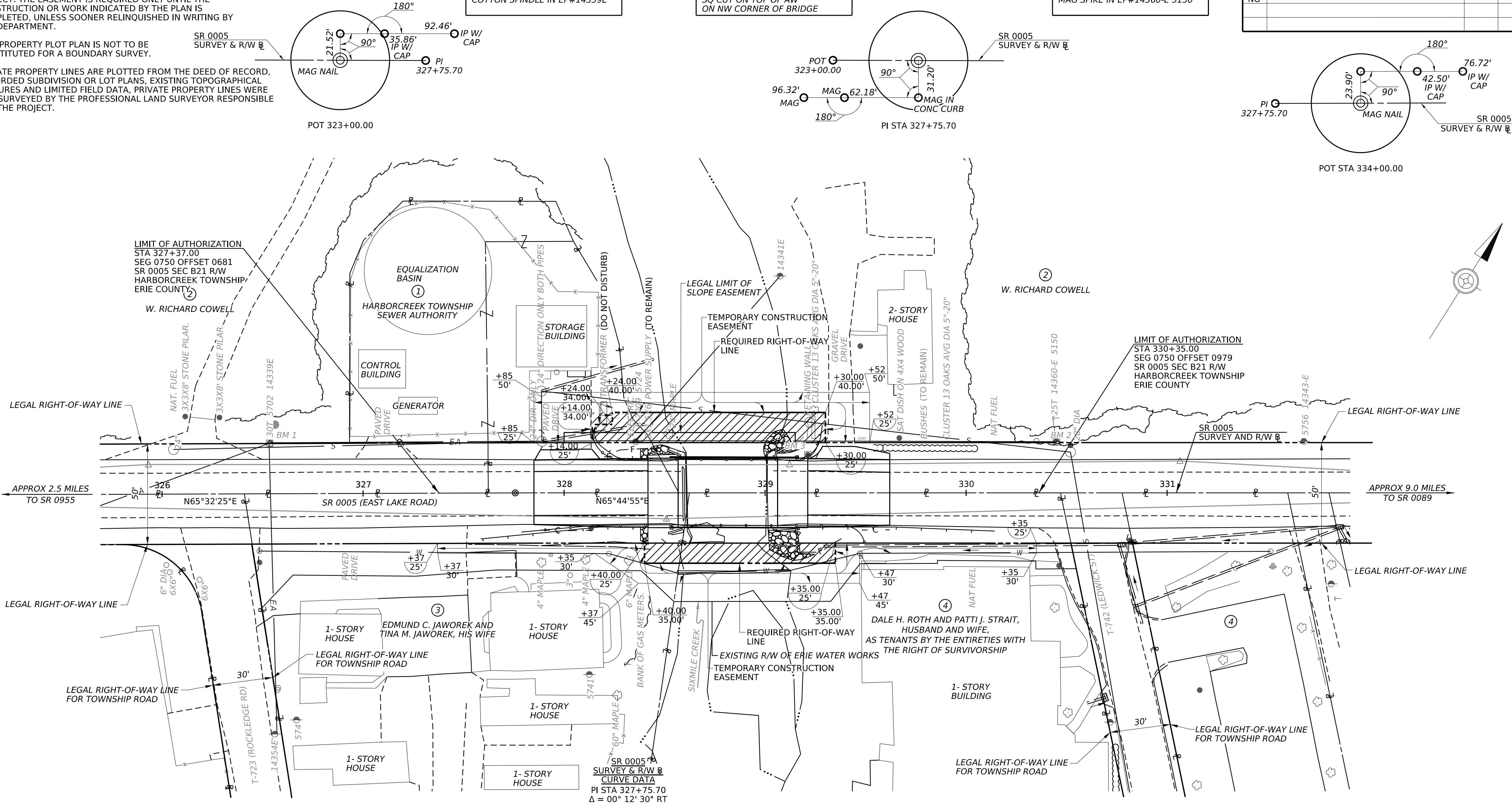
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BM 1 ELEV 610.33
25.00' LT, STA 326+53.00
COTTON SPINDLE IN EP#14339E

BM 3 ELEV 608.19
18.80' LT, STA 328+58.00
SQ CUT ON TOP OF AW
ON NW CORNER OF BRIDGE

BM 2 ELEV 611.41
25.00' LT, STA 330+45.00
MAG SPIKE IN EP#14360-E 5150

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
1-0	ERIE	0005	B21 R/W	5 OF 7		
HARBORCREEK TOWNSHIP						
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LEGEND

ROCK

REQUIRED RIGHT-OF-WAY

PARCEL IDENTIFICATION NUMBER

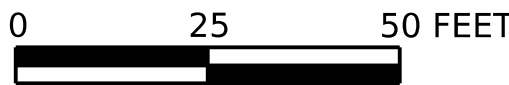
EXISTING STRUCTURE DATA

STA 328+82.00
SINGLE SPAN STEEL I-BEAM BRIDGE WITH STONE MASONRY ABUTMENTS ENCASED WITH CONCRETE
NORMAL CLEAR SPAN = 45'-0"
UNDERCLEAR = 12'-5"
CURB-TO-CURB = 32'-3"
SKEW = 90°

PROPOSED STRUCTURE DATA

STA 328+82.00
SINGLE SPAN STEEL I-BEAM BRIDGE WITH STONE MASONRY ABUTMENTS ENCASED WITH CONCRETE
NORMAL CLEAR SPAN = 45'-0"
UNDERCLEAR = 12'-0"
RAIL-TO-RAIL = 34'-6¾"
SKEW - 90°00'00"
STRUCTURE NUMBER - S-XXXXX

PLAN



HYDRAULIC DATA

DRAINAGE AREA = 18.1 SQ MI
DESIGN FLOOD
FREQUENCY = 25 YEARS
MAGNITUDE = 2455 CFS
VELOCITY = 6.29 FPS
PERT WS ELEV = 599.78
100 YEAR FLOOD RISK ASSESSMENT
MAGNITUDE = 3458 CFS
VELOCITY = 6.31 FPS
PERT WS ELEV = 601.79
FLOOD OF RECORD: UNKNOWN

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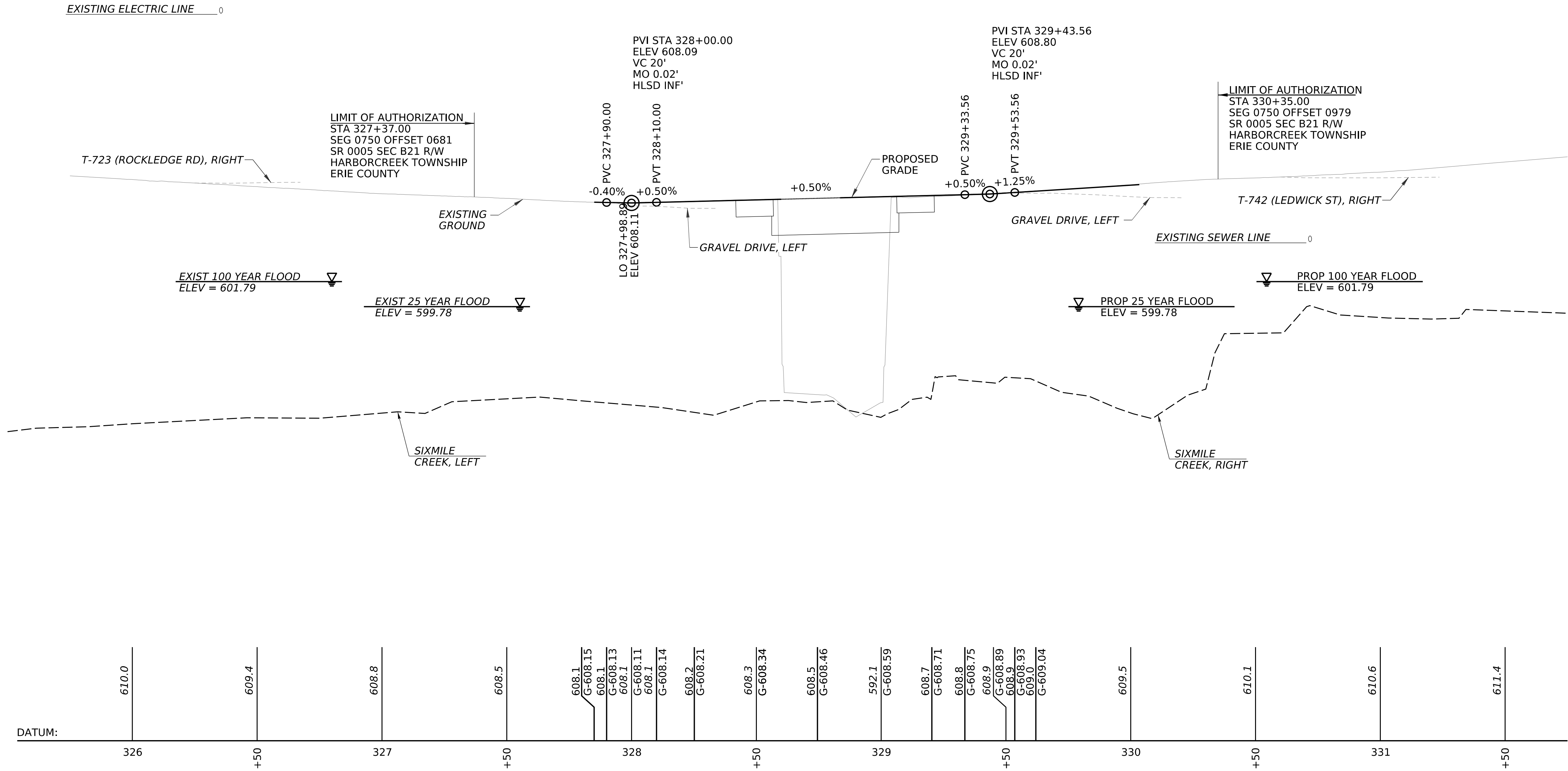
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SURVEY BOOK NO. 20657

FOR CLAIM BLOCKS, SEE SHEET 7

FOR PROFILE, SEE SHEET 6

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
1-0	ERIE	0005	B21 R/W	6 OF 7		
HARBORCREEK TOWNSHIP						
REV NO	REVISIONS			DATE	BY	APPD



FOR PLAN, SEE SHEET 5

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