

SUMMARY OF PROJECT COORDINATES

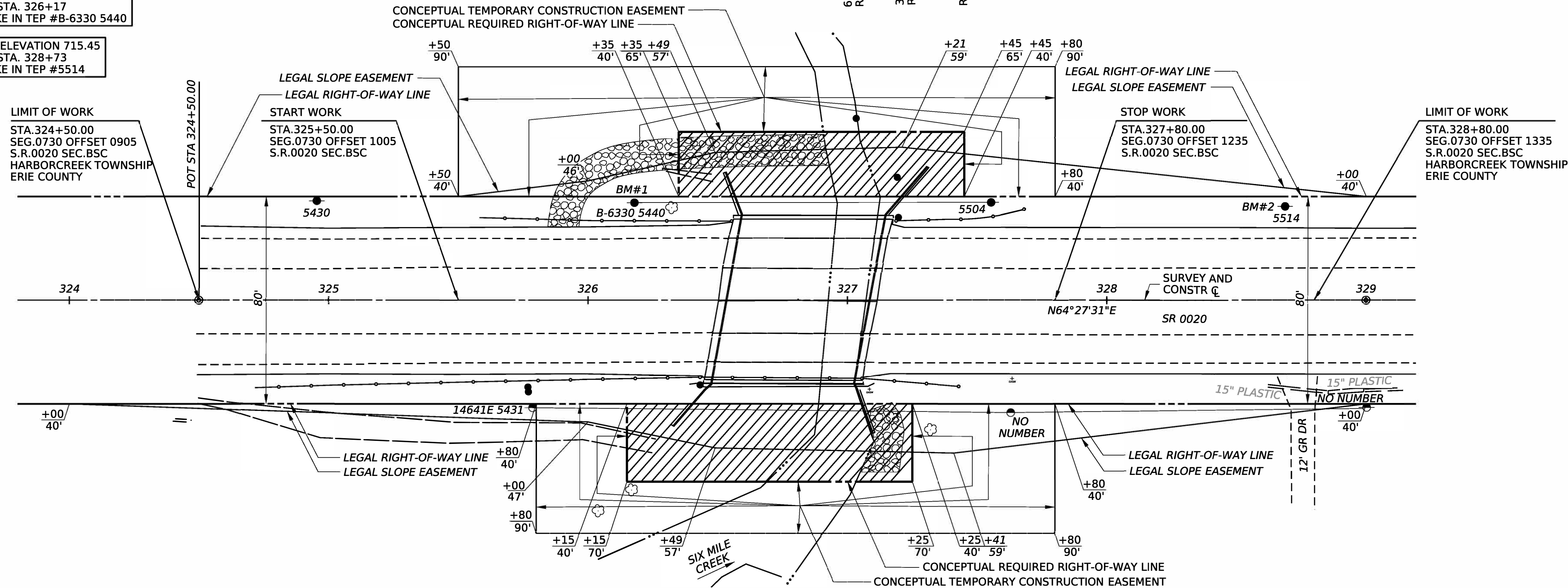
BASED ON PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NORTH ZONE)

RTE.	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
S.R.0020 SURVEY AND CONSTR C	321+06.99	P.O.T	732989.0198	1363983.4812	
	324+50.00	P.O.T.	733136.9130	1364292.9702	N64°27'31"E
	326+81.00	P.O.T.	733236.5116	1364501.3956	N64°27'31"E
	329+00.00	P.O.T.	733330.9363	1364698.9936	N64°27'31"E

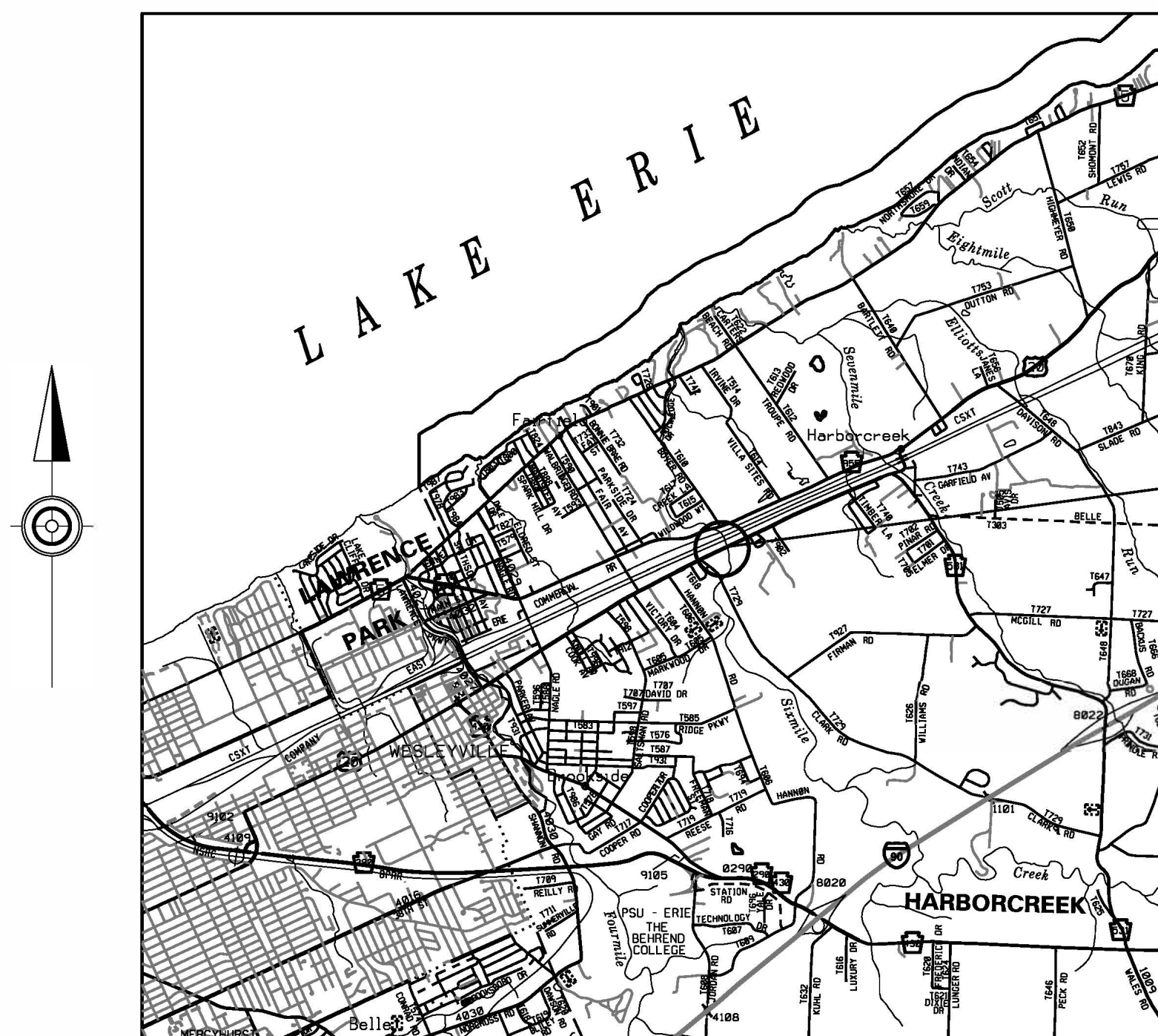
FOUR PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY
AND DO NOT IMPLY A PRECISION BEYOND TWO DECIMAL PLACES

BM #1 ELEVATION 701.65
37' LT STA. 326+17
WI SPIKE IN TEP #B-6330 5440

BM #2 ELEVATION 715.45
36' LT STA. 328+73
WI SPIKE IN TEP #5514



LOCATION MAP

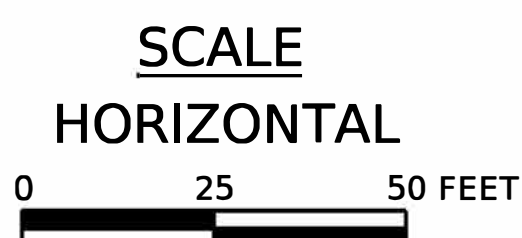


CONCEPTUAL REQUIRED
RIGHT-OF-WAY
OFFSET COORDINATES

BASED ON PENNSYLVANIA STATE PLANE COORDINATE
SYSTEM (NORTH ZONE)

STATION	OFFSET	COORDINATES	
		NORTH	EAST
326+35.00	40.00 LT	733252.7691	1364442.6444
326+35.00	65.00 LT	733275.3260	1364431.8654
327+45.00	65.00 LT	733322.7539	1364531.1155
327+45.00	40.00 LT	733300.1970	1364541.8946
326+15.00	40.00 RT	733171.9639	1364459.0290
326+15.00	70.00 RT	733144.8957	1364472.0269
327+25.00	70.00 RT	733192.3236	1364571.2770
327+25.00	40.00 RT	733219.3918	1364558.3421

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CONCEPTUAL REQUIRED TEMPORARY CONSTRUCTION EASEMENT OFFSET COORDINATES

BASED ON PENNSYLVANIA STATE PLANE COORDINATE
SYSTEM (NORTH ZONE)

STATION	OFFSET	COORDINATES	
		NORTH	EAST
325+50.00	40.00 LT	733216.1203	1364365.9511
325+50.00	90.00 LT	733261.2340	1364344.3930
327+80.00	90.00 LT	733360.4014	1364551.9160
327+80.00	40.00 LT	733315.2877	1364573.4742
327+45.00	40.00 LT	733300.1970	1364541.8946
327+45.00	65.00 LT	733322.7539	1364531.1155
326+35.00	65.00 LT	733275.3260	1364431.8654
326+35.00	40.00 LT	733252.7691	1364442.6444
325+80.00	40.00 RT	733156.8732	1364427.5124
325+80.00	90.00 RT	733111.7595	1364449.0705
327+80.00	90.00 RT	733197.9921	1364629.5254
327+80.00	40.00 RT	733243.1058	1364607.9672
327+25.00	40.00 RT	733219.3918	1364558.3421
327+25.00	70.00 RT	733192.3236	1364571.2770
326+15.00	70.00 RT	733144.8957	1364472.0269
326+15.00	40.00 RT	733171.9639	1364459.0920

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GENERAL NOTES

LEGAL RIGHT-OF-WAY DATA:

S.R. 0020 PREVIOUSLY KNOWN AS L.R.00087.

THE LEGAL RIGHT-OF-WAY ON S.R.0020, FORMERLY KNOWN AS L.R. 00087, FROM STATION 324+00.00 TO STATION 329+00.00 IS EIGHTY (80) FEET IN WIDTH, BASED ON PLAN L.R.87, SECTION 6R SIGNED BY GOVERNOR JOHN FINE ON DECEMBER 07, 1953 AND RECORDED IN ERIE RIGHT-OF WAY BOOK VOLUME 5, PAGE 1 ON DECEMBER 21, 1953.

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.

THERE ARE NO NAVIGABLE STREAMS ON THIS PROJECT.

ACCESS TO ALL PROPERTIES AFFECTED BY THIS PROJECT SHALL BE MAINTAINED DURING CONSTRUCTION, UNLESS EXPRESSLY STATED OTHERWISE WITHIN THIS PLAN.

THE VERTICAL CONTROL IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THE PROJECT IS TIED TO THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM ZONE NORTH NAD 83(2011). A SCALE FACTOR OF 1.000040287157 WAS USED FOR THIS PROJECT.

CONSTRUCTION PA ONE CALL INFORMATION IS AS FOLLOWS:

THREE TO TEN WORKING DAYS PRIOR TO EXCAVATION, BASED ON THE COMPLEXITY OF THE PROJECT, THE CONTRACTOR MUST CONTACT THE PA ONE CALL SYSTEM, INC. AT 1-800-242-1776.
SERIAL NO: FOR HARBORCREEK TOWNSHIP/

ADDITIONAL INFORMATION IS AVAILABLE AT
<http://www.pa1call.org/PA811/Public/>.

THE CONTRACTOR IS REQUIRED TO NOTIFY THE DEPARTMENT AND
SUBMIT AN ALLEGED VIOLATION REPORT (AVR) TO THE PA PUBLIC
UTILITY COMMISSION THROUGH THE PA ONE CALL SYSTEM,
WWW.PA1CALL.ORG, WITHIN TEN (10) BUSINESS DAYS AFTER A UTILITY
LINE IS STRUCK, DAMAGED, OR PREVIOUS DAMAGE IS DISCOVERED AS
REQUIRED BY PENNSYLVANIA'S UNDERGROUND UTILITY LINE
PROTECTION LAW ACT 50 (P.L.852, NO. 287 AMENDED OCT.30,2017).

PUBLIC UTILITIES

DESIGN PA ONE CALL INFORMATION IS AS FOLLOWS:
PA ONE CALL SYSTEM INC. PHONE NO.-1-800-242-1776

PRELIMINARY DESIGN
SERIAL NO. 20253070263 HARBORCREEK TOWNSHIP/
ERIE COUNTY

SURVEY BOOK 20779