

PLOTTED: 4-APR-2024 16:55

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	ERIE	0020	B15	1 OF 3
NORTH EAST TOWNSHIP				
REV NO	REVISIONS	DATE	BY	APPD

HYDRAULIC DATA
 DRAINAGE AREA = 33.8 SQ. MI.
DESIGN STORM
 MAGNITUDE = 4323 C.F.S.
 FREQUENCY = 25 YEARS
 WATER SURFACE ELEV. = 692.76
 VELOCITY = 5.80 F.P.S.

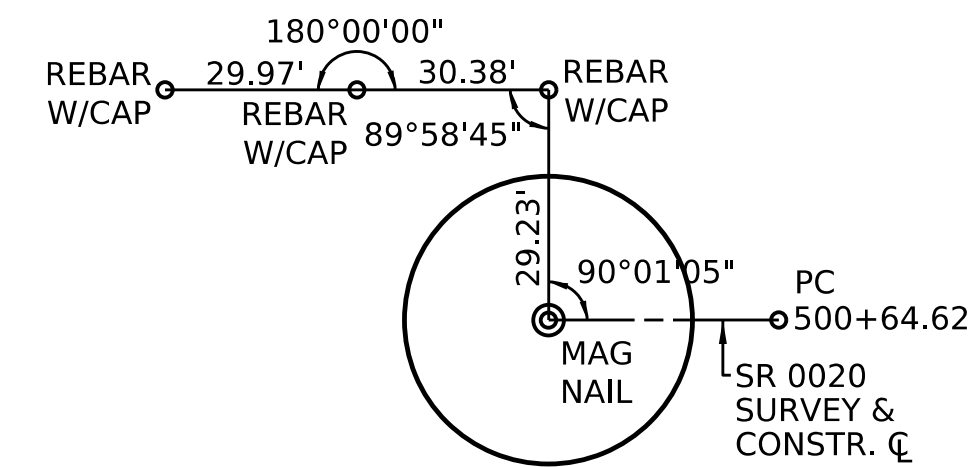
100 YEAR FLOOD
 MAGNITUDE = 5910 C.F.S.
 WATER SURFACE ELEV. = 694.25
 VELOCITY = 6.33 F.P.S.

EXISTING STRUCTURE DATA

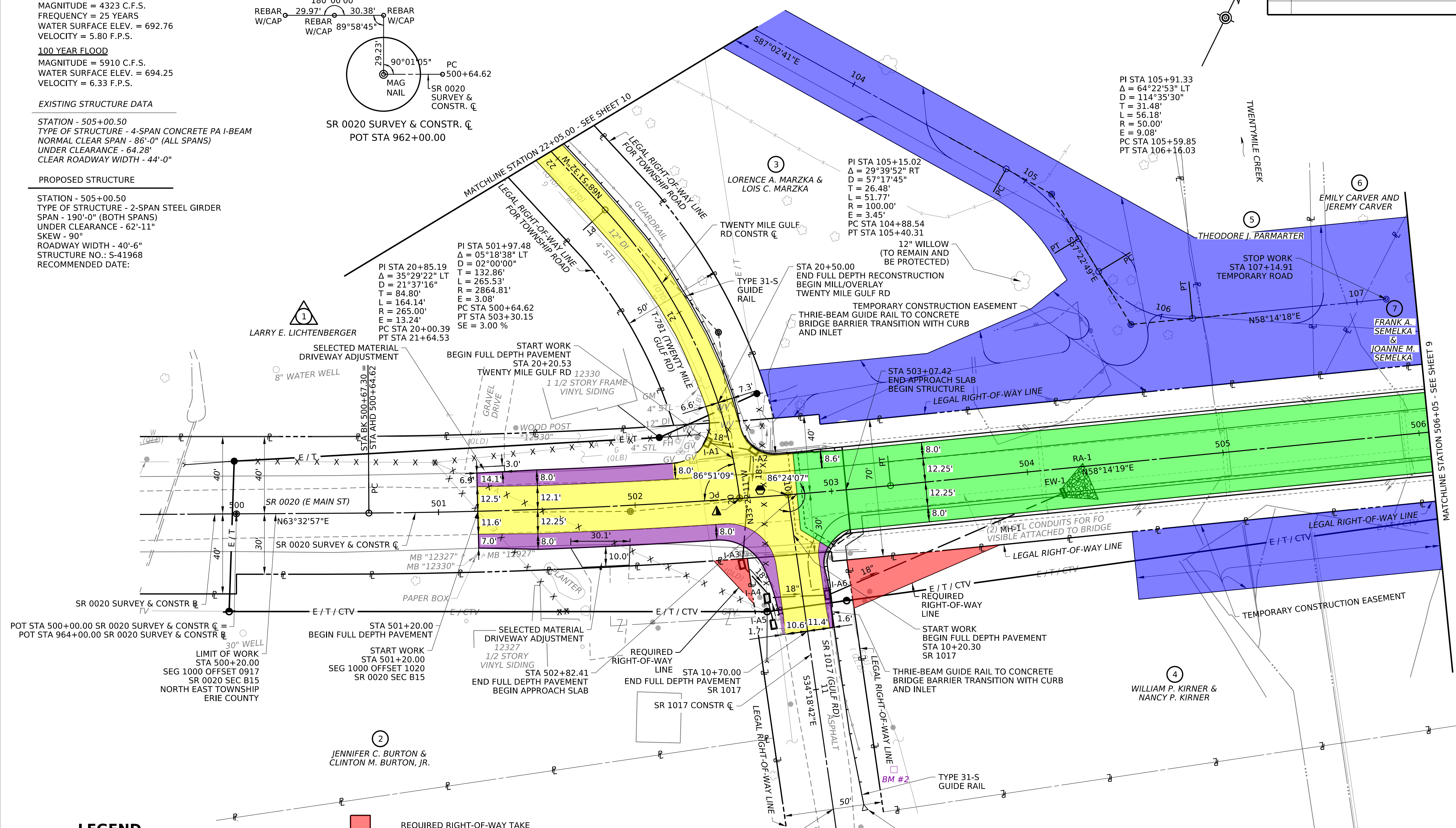
STATION - 505+00.50
 TYPE OF STRUCTURE - 4-SPAN CONCRETE PA I-BEAM
 NORMAL CLEAR SPAN - 86'-0" (ALL SPANS)
 UNDER CLEARANCE - 64.28'
 CLEAR ROADWAY WIDTH - 44'-0"

PROPOSED STRUCTURE

STATION - 505+00.50
 TYPE OF STRUCTURE - 2-SPAN STEEL GIRDER
 SPAN - 190'-0" (BOTH SPANS)
 UNDER CLEARANCE - 62'-11"
 SKEW - 90°
 ROADWAY WIDTH - 40'-6"
 STRUCTURE NO.: S-41968
 RECOMMENDED DATE:



BM #2 ELEV 770.26
 SR 0020 SURVEY & CONSTR C
 144.00' RT STA 503+18.20
 DISK ON STONE STEP OF RAILROAD BRIDGE



LEGEND

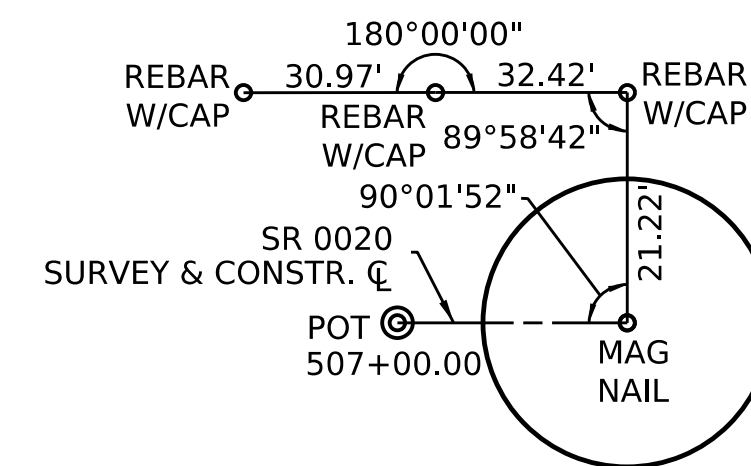
	PARCEL IDENTIFICATION NUMBER-NO TAKE		REQUIRED RIGHT-OF-WAY TAKE
	PARCEL IDENTIFICATION NUMBER		TEMPORARY CONSTRUCTION EASEMENT
	POC STA 502+77.76 SR 0020 SURVEY & CONSTR C = POT STA 10+00.00 SR 1017 CONSTR C		ROADWAY WORK
	POC STA 502+53.19 SR 0020 SURVEY & CONSTR C = POT STA 20+00.00 TWENTY MILE GULF RD CONSTR C		SHOULDER WORK
			BRIDGE WORK



FOR SR 0020 PROFILE, SEE SHEET 11 & 12 OF 14
FOR SR 1017 PROFILE, SEE SHEET 13 OF 14
FOR TWENTY MILE GULF RD PROFILE, SEE SHEET 14 OF 14
FOR TEMPORARY ROAD PROFILE, SEE E&SPC PLANS

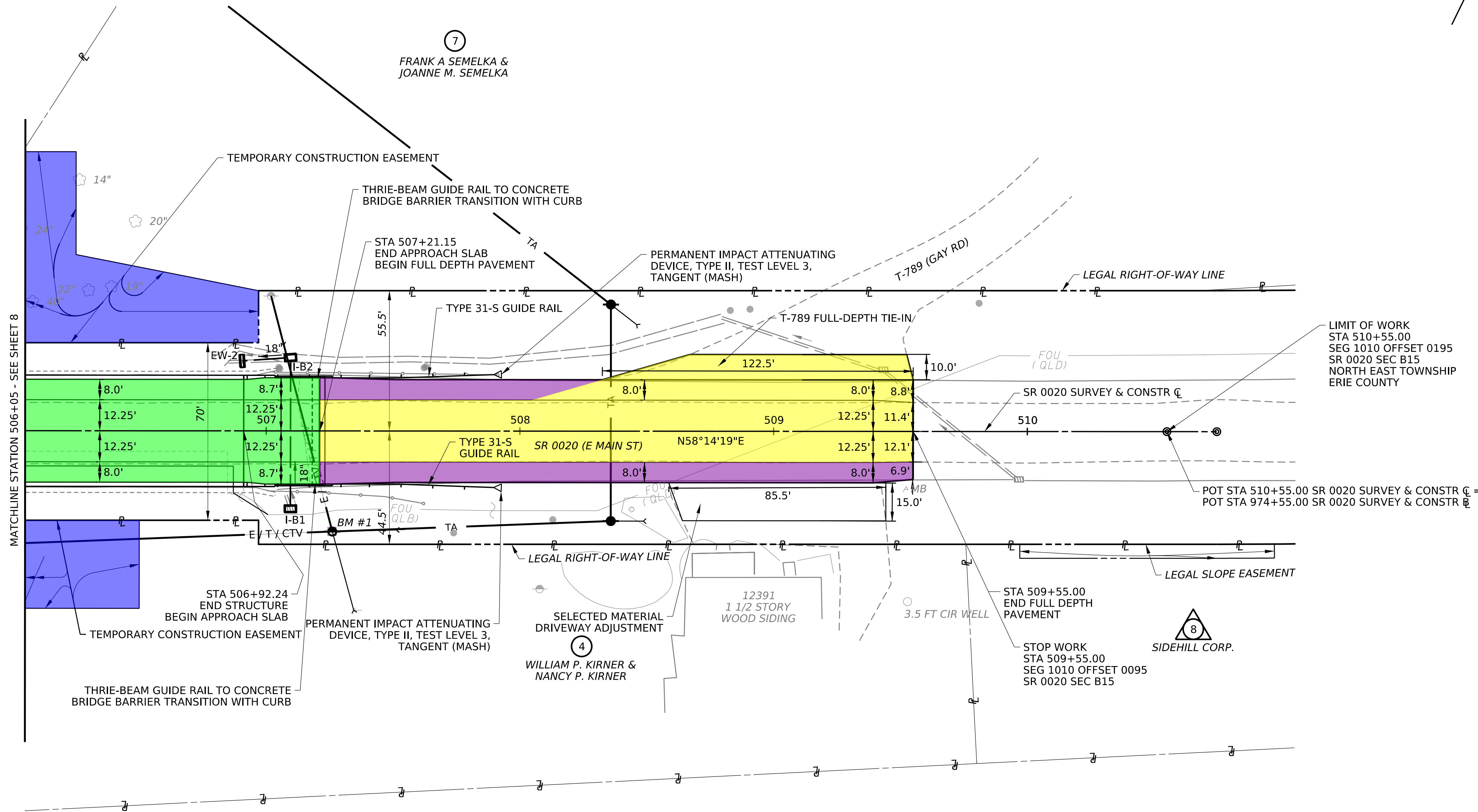
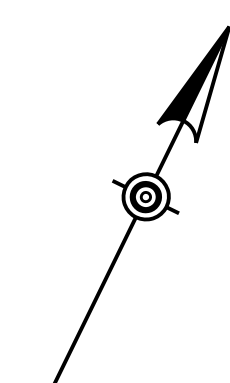
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BM #1 ELEV 774.38
SR 0020 SURVEY & CONSTR C
39.61' RT STA 507+26.09
COTTON SPINDLE IN EP #18863E/B4

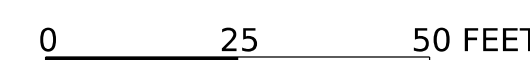


SR 0020 SURVEY & CONSTR. C
PC STA 974+68.64

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	ERIE	0020	B15	2 OF 3
NORTH EAST TOWNSHIP				
REV NO	REVISIONS		DATE	BY APPD

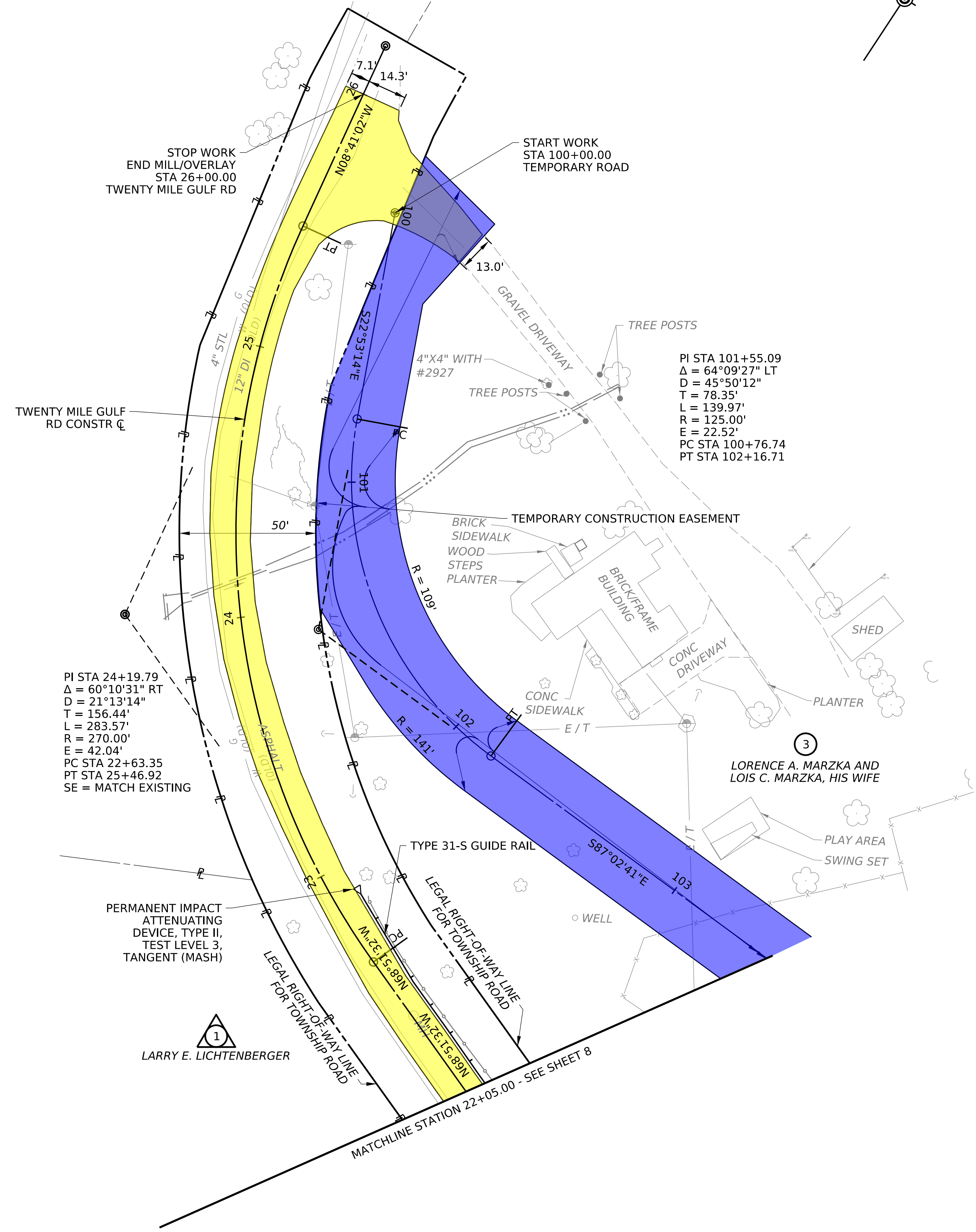
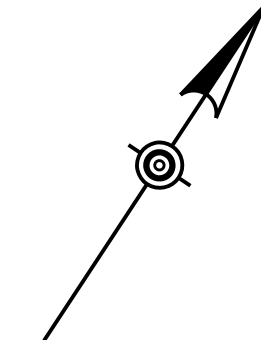


- LEGEND**
- PARCEL IDENTIFICATION NUMBER-NO TAKE
 - PARCEL IDENTIFICATION NUMBER
 - TEMPORARY CONSTRUCTION EASEMENT
 - ROADWAY WORK
 - SHOULDER WORK
 - BRIDGE WORK



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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	ERIE	0020	B15	3 OF 3
NORTH EAST TOWNSHIP				
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PI STA 24+19.79
 $\Delta = 60^{\circ}10'31''$ RT
 $D = 21^{\circ}13'14''$
 $T = 156.44'$
 $L = 283.57'$
 $R = 270.00'$
 $E = 42.04'$
 PC STA 22+63.35
 PT STA 25+46.92
 SE = MATCH EXISTING

PI STA 101+55.09
 $\Delta = 64^{\circ}09'27''$ LT
 $D = 45^{\circ}50'12''$
 $T = 78.35'$
 $L = 139.97'$
 $R = 125.00'$
 $E = 22.52'$
 PC STA 100+76.74
 PT STA 102+16.71

LEGEND

	PARCEL IDENTIFICATION NUMBER-NO TAKE
	PARCEL IDENTIFICATION NUMBER
	TEMPORARY CONSTRUCTION EASEMENT
	ROADWAY WORK

