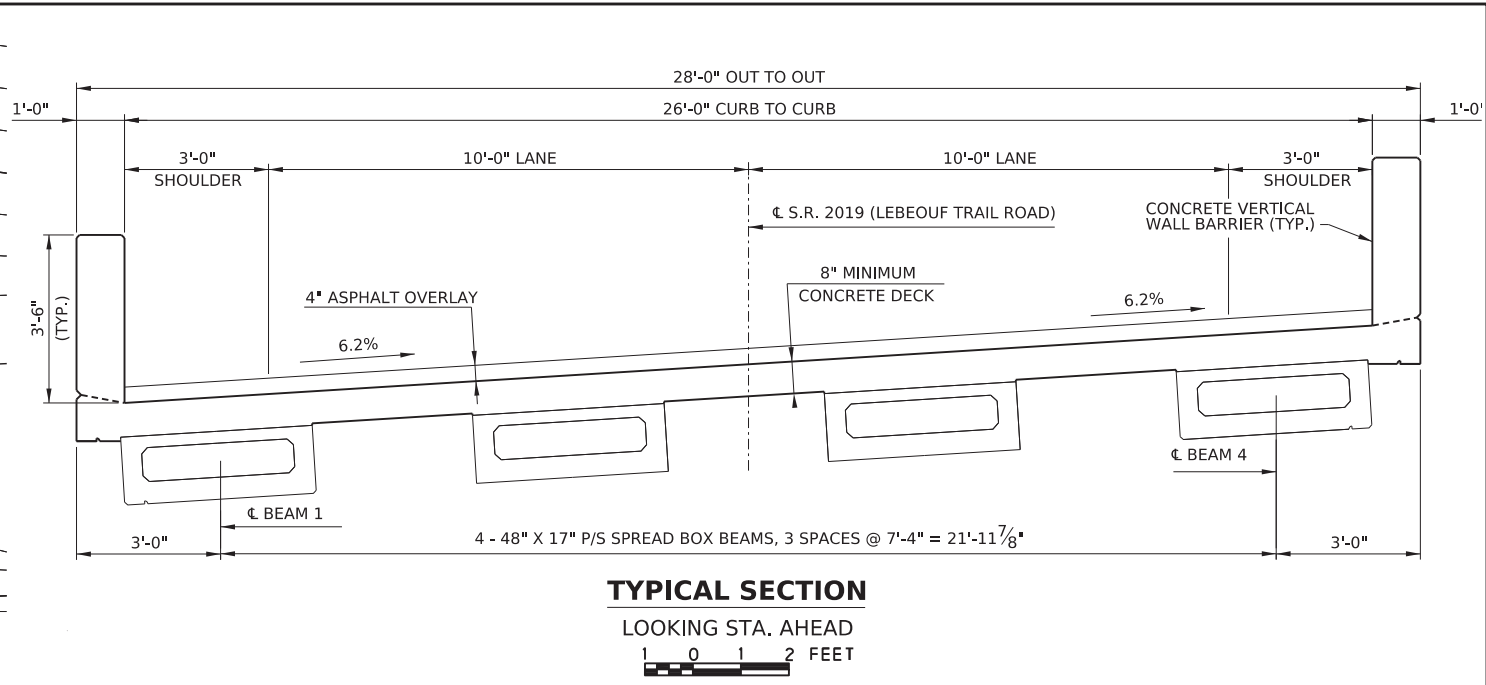
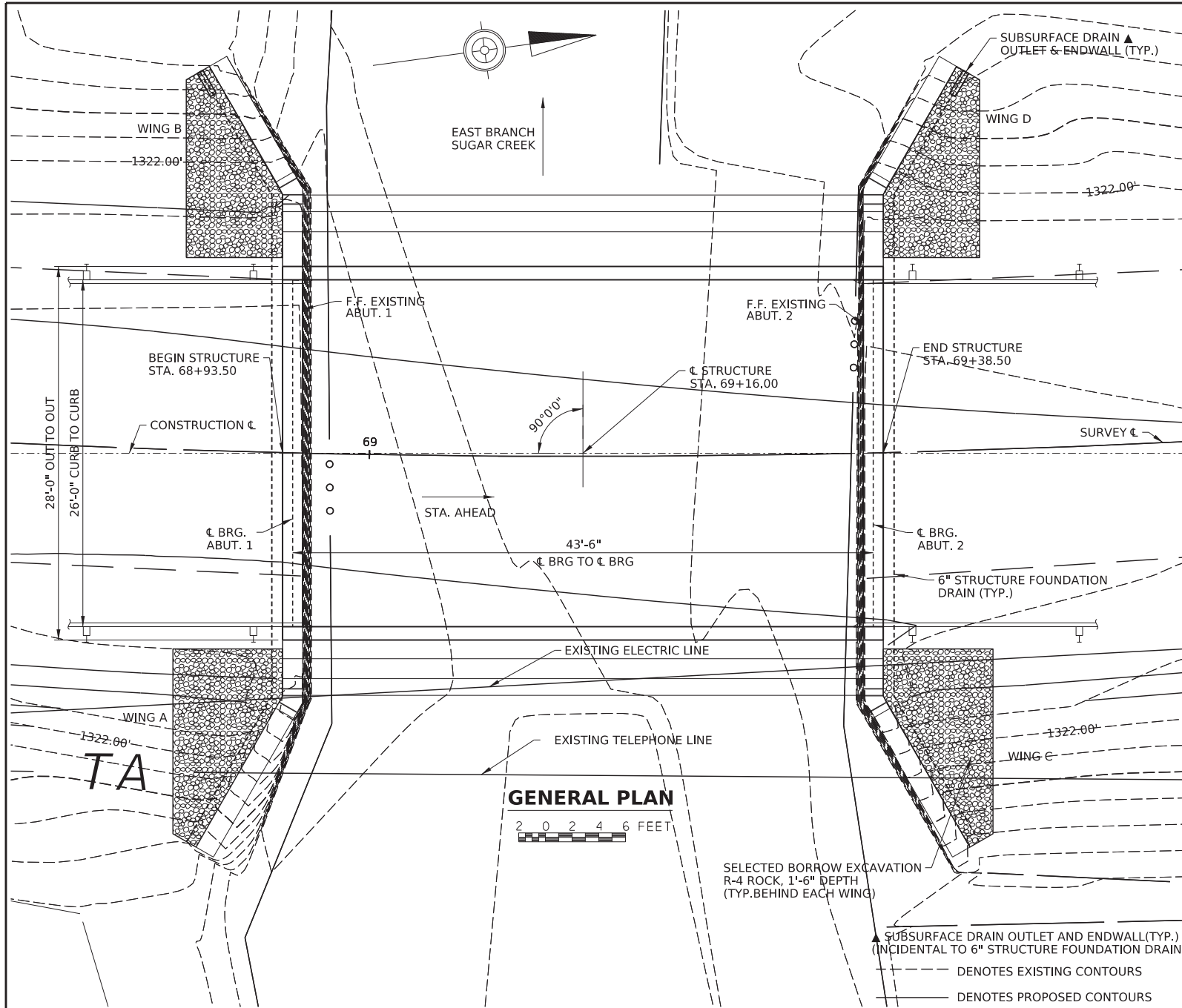


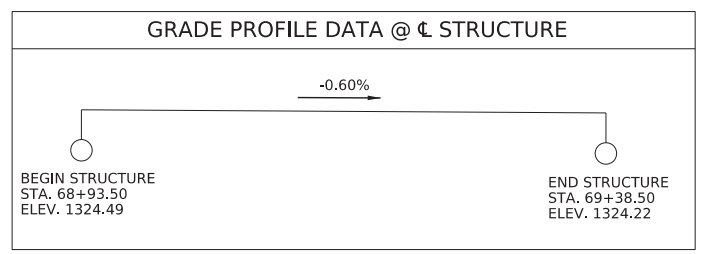
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OPERATOR: mdlunham  
FILE NAME: pw://PDEDPRAPPW01.penn.dot.ct:Connect\_Projects/Documents/OpenRoads\_Projects/D01/20-Crawford/2019 B01 (57979)/DESIGN/Bridge/CADD Files/Masterfile SR 2019



**STRUCTURE DATA**

EXISTING STRUCTURE	PROPOSED STRUCTURE
STATION: 68+93.50	STATION: 68+93.50
TYPE: ADJACENT BOX BEAM	TYPE: SPREAD BOX BEAM
CLEAR SPAN: 1 @ 42'	CLEAR SPAN: 1 @ 42'
SKEW: 90°	SKEW: 90°
OUT TO OUT: 37'-6"	OUT TO OUT: 28'
CLEAR ROADWAY WIDTH: 32'	CLEAR ROADWAY WIDTH: 26'
MIN UNDERCLEARANCE: 5'-8"	MIN UNDERCLEARANCE: 6'
LATITUDE: 41°37'03.10" LONGITUDE: 79°50'00.81"	



**PRELIMINARY  
NOT FOR CONSTRUCTION**

- DESIGN SPECIFICATIONS**
- AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, 2017 AND AS SUPPLEMENTED BY DESIGN MANUAL, PART 4, DECEMBER 2019 EDITION (INCLUDING REVISIONS)
  - LIVE LOAD DISTRIBUTION TO GIRDERS IS BASED UPON DESIGN MANUAL, PART 4 DISTRIBUTION FACTOR METHOD.
  - DESIGN IS IN ACCORDANCE WITH THE LRFD METHOD.

- DESIGN LIVE LOADS**
- PHL-93, P-82 AND P2016-13
  - FATIGUE DESIGN BASED ON THE FOLLOWING:  
PRESTRESSED CONCRETE: ADTT 3 (2043)  
MAX. ALLOWABLE TENSION STRESS IN PRECOMPRESSED TENSILE ZONE:  $0.0948 \sqrt{f'_c}$
- DEAD LOADS**
- INCLUDES SURFACE AREA DENSITY OF 0.049 KSF FUTURE WEARING SURFACE ON THE DECK SLAB.
  - INCLUDES SURFACE AREA DENSITY OF 0.015 KSF FOR PERMANENT METAL DECK FORMS THAT TAKES INTO ACCOUNT THE WEIGHT OF THE FORM, PLUS THE WEIGHT OF THE CONCRETE IN THE VALLEYS OF THE FORMS.

Mark	Description	By	Chk'd	Recm'd.	Date
REVISIONS					

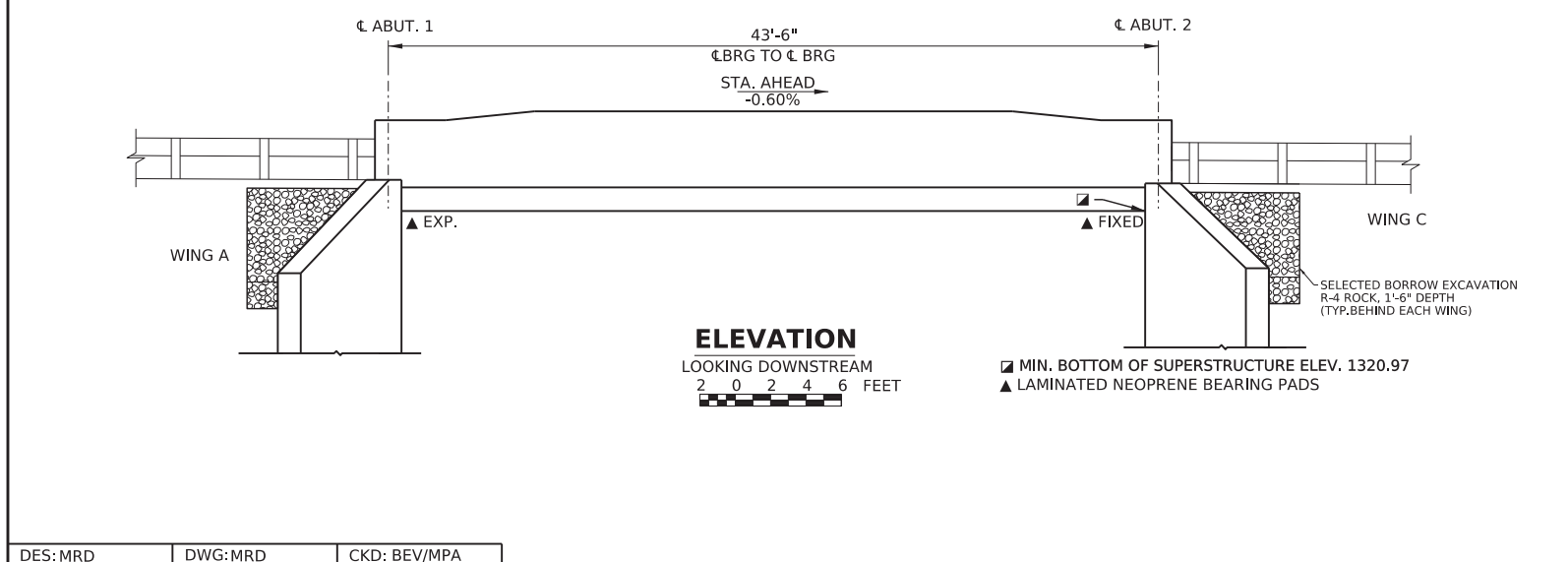
S.R. 2019 PREVIOUSLY KNOWN AS L.R. 20092  
BMS STR ID: 20201900300000 MPMS/ECMS PROJ: 57979 BRKEY: 13260

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF TRANSPORTATION**

**CRAWFORD CRAWFORD COUNTY  
S.R. 2019, SECTION B01  
SEGMENT 0030, OFFSET 0000  
STA. 69+16.00  
OVER EAST BRANCH SUGAR CREEK  
SUPERSTRUCTURE REPLACEMENT  
TYPE, SIZE, & LOCATION PLAN**

RECOMMENDED 2-7-2024  
DISTRICT BRIDGE ENGINEER

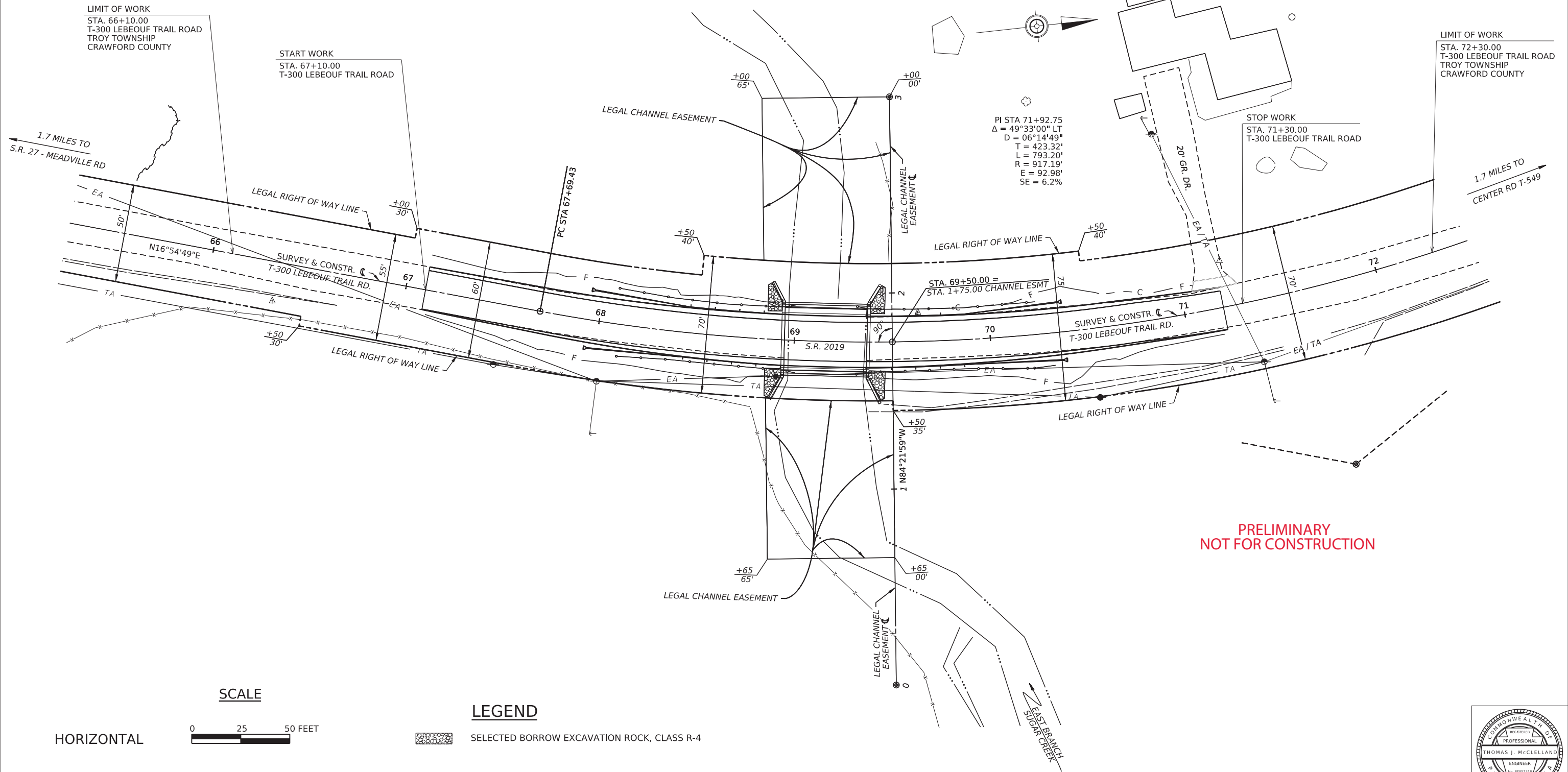
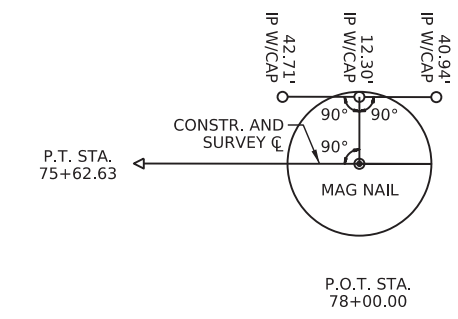
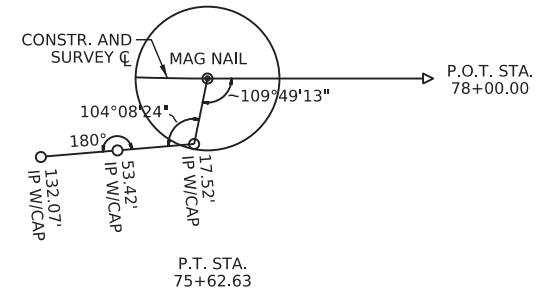
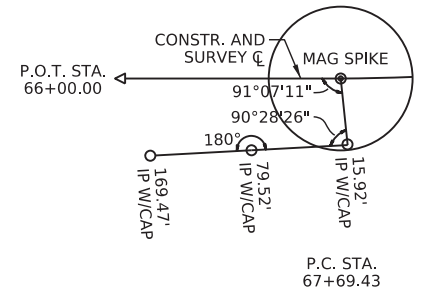
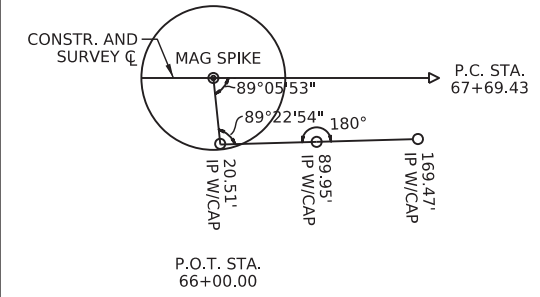
SHEET 1 OF 1  
S - 42001



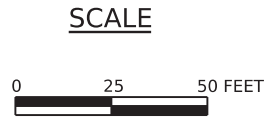
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	CRAWFORD	2019	B01	9 OF 10
TROY TOWNSHIP				
REV NO	REVISIONS	DATE	BY	APPD



HORIZONTAL



**LEGEND**

SELECTED BORROW EXCAVATION ROCK, CLASS R-4

**PRELIMINARY  
NOT FOR CONSTRUCTION**

