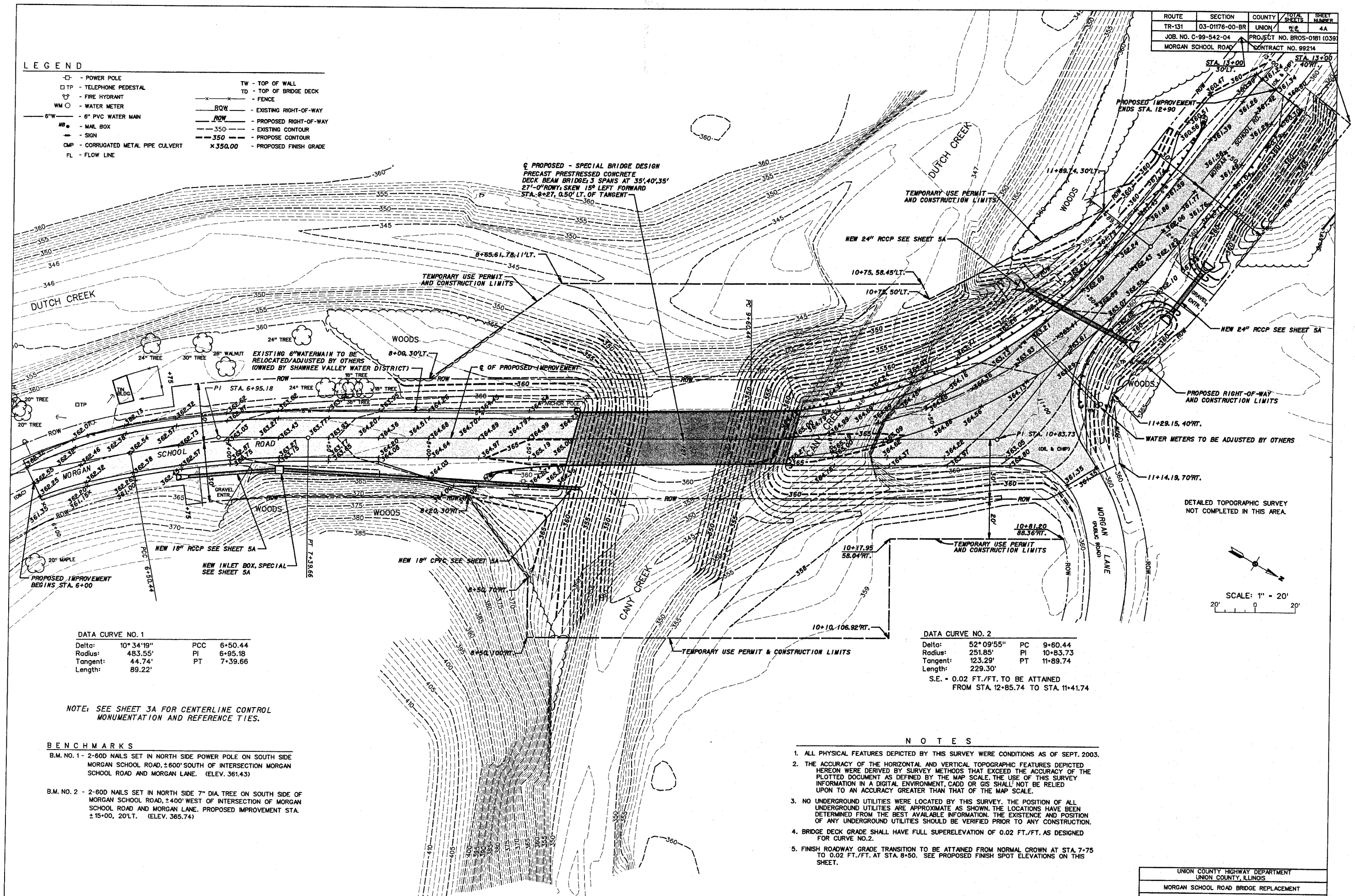


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
TR-131	03-01176-00-BR	UNION	2	4A
JOB NO. C-99-542-04		PROJECT NO. BROS-0181 (039)		
MORGAN SCHOOL ROAD		CONTRACT NO. 99214		

LEGEND

□ - POWER POLE	TW - TOP OF WALL
□ TP - TELEPHONE PEDESTAL	TD - TOP OF BRIDGE DECK
⊕ - FIRE HYDRANT	- FENCE
WM ○ - WATER METER	ROW - EXISTING RIGHT-OF-WAY
6" W - 6" PVC WATER MAIN	ROW - PROPOSED RIGHT-OF-WAY
MB - MAIL BOX	- 350 - EXISTING CONTOUR
- SIGN	- 350 - PROPOSED CONTOUR
CMP - CORRUGATED METAL PIPE CULVERT	X 350.00 - PROPOSED FINISH GRADE
FL - FLOW LINE	



PROPOSED - SPECIAL BRIDGE DESIGN
 PRECAST PRESTRESSED CONCRETE
 DECK BEAM BRIDGE, 3 SPANS AT 35', 40', 35'
 27'-0" ROWY, SKEW 15° LEFT FORWARD
 STA. 9+27, 0.50' LT. OF TANGENT

DATA CURVE NO. 1

Delta:	10° 34' 19"	PCC	6+50.44
Radius:	483.55'	PI	6+95.18
Tangent:	44.74'	PT	7+39.66
Length:	89.22'		

DATA CURVE NO. 2

Delta:	52° 09' 55"	PC	9+60.44
Radius:	251.85'	PI	10+83.73
Tangent:	123.29'	PT	11+89.74
Length:	229.30'		

S.E. = 0.02 FT./FT. TO BE ATTAINED
 FROM STA. 12+85.74 TO STA. 11+41.74

NOTE: SEE SHEET 3A FOR CENTERLINE CONTROL MONUMENTATION AND REFERENCE TIES.

- BENCHMARKS**
- B.M. NO. 1 - 2-60D NAILS SET IN NORTH SIDE POWER POLE ON SOUTH SIDE MORGAN SCHOOL ROAD, ±600' SOUTH OF INTERSECTION MORGAN SCHOOL ROAD AND MORGAN LANE. (ELEV. 361.43)
 - B.M. NO. 2 - 2-60D NAILS SET IN NORTH SIDE 7" DIA TREE ON SOUTH SIDE OF MORGAN SCHOOL ROAD, ±400' WEST OF INTERSECTION OF MORGAN SCHOOL ROAD AND MORGAN LANE. PROPOSED IMPROVEMENT STA. ±15+00, 20' LT. (ELEV. 365.74)

- NOTES**
- ALL PHYSICAL FEATURES DEPICTED BY THIS SURVEY WERE CONDITIONS AS OF SEPT. 2003.
 - THE ACCURACY OF THE HORIZONTAL AND VERTICAL TOPOGRAPHIC FEATURES DEPICTED HEREON WERE DERIVED BY SURVEY METHODS THAT EXCEED THE ACCURACY OF THE PLOTTED DOCUMENT AS DEFINED BY THE MAP SCALE. THE USE OF THIS SURVEY INFORMATION IN A DIGITAL ENVIRONMENT, CADD OR GIS SHALL NOT BE RELIED UPON TO AN ACCURACY GREATER THAN THAT OF THE MAP SCALE.
 - NO UNDERGROUND UTILITIES WERE LOCATED BY THIS SURVEY. THE POSITION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE AS SHOWN. THE LOCATIONS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION. THE EXISTENCE AND POSITION OF ANY UNDERGROUND UTILITIES SHOULD BE VERIFIED PRIOR TO ANY CONSTRUCTION.
 - BRIDGE DECK GRADE SHALL HAVE FULL SUPERELEVATION OF 0.02 FT./FT. AS DESIGNED FOR CURVE NO.2.
 - FINISH ROADWAY GRADE TRANSITION TO BE ATTAINED FROM NORMAL CROWN AT STA. 7+75 TO 0.02 FT./FT. AT STA. 8+50. SEE PROPOSED FINISH SPOT ELEVATIONS ON THIS SHEET.