

INDEX OF SHEETS:

SHEET NO.	SHEET
1	TITLE SHEET
2	SUMMARY OF QUANTITIES
	GENERAL NOTES
3	TYPICAL CROSS SECTIONS
4-10	PLAN SHEETS
11	SIDE ROAD & ENTRANCE DETAILS
	BUTT JOINT DETAIL
STANDARD	701001-02
STANDARD	701006-03
STANDARD	701301-04
STANDARD	701306-03
STANDARD	701901-01
STANDARD	BLR 24-2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED

SURFACE TRANSPORTATION/RURAL PROGRAM
LOCAL AGENCY PAVEMENT PRESERVATION

FAS 432 (CH 14) SECTION 11-00206-01-RS ADAMS COUNTY
PROJECT NO. RS-0432(125) JOB NO. C-96-215-11

COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	1

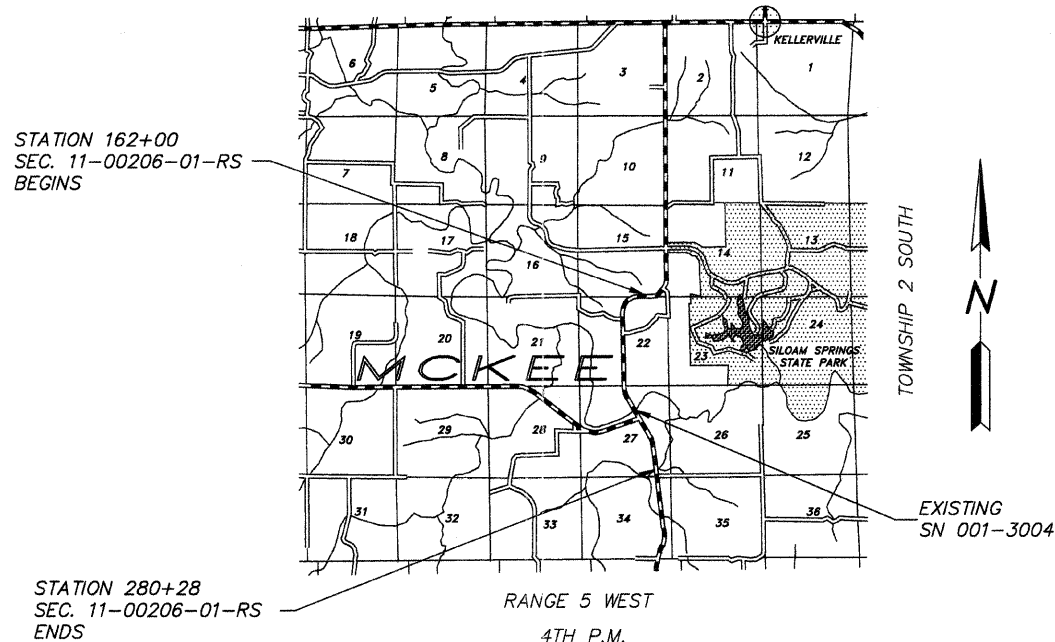


PROPOSED IMPROVEMENT MARKED THUS —

THESE PLANS WERE PREPARED BY ME OR BY A FULL-TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.



SUBMITTED BY James R. Frankenburg DATE 4/12/11
COUNTY ENGINEER
LICENSE NO. 062-044792
LIC. EXPIRES 11/30/2011



LOCATION MAP

FUNCTIONAL CLASS: MAJOR COLLECTOR (NON-URBAN)
ADT=225

PROPOSED IMPROVEMENT CONSISTS OF PLACING 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 OVER 3/4" OF LEVELING BINDER (MACHINE METHOD) N50 ON THE EXISTING 22' ROADWAY WITH OTHER MISCELLANEOUS CONSTRUCTION

UTILITIES:

J.U.L.I.E. _____ 1-800-892-0123
GENERAL TELEPHONE _____ QUINCY, IL
ADAMS RURAL ELECTRICAL CO-OP _____ CAMP POINT, IL

GROSS LENGTH:
STA. 162+00 TO STA. 280+28 = 11,828.00 FT.
BRIDGE OMISSION:
STA. 235+22.35 TO STA. 240+25.77 = 503.42 FT.
NET LENGTH TO BE IMPROVED: 11,324.58 FT. = 2.145 MILES

APPROVED	<u>April 12</u>	2011
	<u>James R. Frankenburg</u>	COUNTY ENGINEER
PASSED	<u>April 27</u>	2011
	<u>Ron Wehabeau</u>	DISTRICT ENGINEER OF CONSTRUCTION
PASSED	<u>April 27</u>	2011
	<u>Terrence H. Fountain</u>	DISTRICT ENGINEER OF LOCAL ROADS AND STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<u>April 27</u>	2011
	<u>Roger L. Driskell</u>	DEPUTY DIRECTOR OF HIGHWAYS REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 93552

COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	2

SUMMARY OF QUANTITIES - GENERAL NOTES

PROJECT NO. RS-0432(125)

GENERAL NOTES

1. WHERE SECTION OR SUB-SECTION STONES, USGS BENCH MARK MONUMENTS, AND U.S. ARMY CORPS OF ENGINEERS SURVEY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES AND MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS UNTIL AN OWNER, AN AUTHORIZED SURVEYOR OR THEIR REPRESENTATIVE HAS WITNESSED OR OTHERWISE REFERENCED THE PROPERTY MARKS LOCATION.

2. ALL PRIVATELY OWNED UTILITIES, UNLESS OTHERWISE SPECIFIED, WILL BE MOVED BY THEIR RESPECTIVE OWNERS WHERE REQUIRED. THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION:

J.U.L.I.E.
ADAMS RURAL ELECTRICAL CO-OP
GENERAL TELEPHONE

3. THE NOMINAL THICKNESS FOR THE LEVELING BINDER, SURFACE COURSES AND AGGREGATE SHOULDERS ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90% OF THE NOMINAL THICKNESS AT ANY LOCATION. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND TO NOTIFY ALL UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THIS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

5. APPLICATION RATES SHALL BE AS FOLLOWS UNLESS OTHERWISE SPECIFIED BY THE ENGINEER:

HOT-MIX ASPHALT MIXTURES
112 LBS PER SQUARE YARD
BITUMINOUS MATERIALS (PRIME COAT)
0.05-0.10 GALLON PER SQUARE YARD ON PCC OR BITUMINOUS CONCRETE
0.25-0.35 GALLON PER SQUARE YARD ON AGGREGATE
AGGREGATE (PRIME COAT)
4 LBS PER SQUARE YARD

6. PERMANENT & TEMPORARY PAVEMENT MARKING TO BE DONE BY OTHERS. SHORT TERM PAVEMENT MARKING IS INCLUDED IN THE CONTRACT. THE REMOVAL OF THE SHORT TERM PAVEMENT MARKING TAPE WILL BE DONE BY OTHERS UPON COMPLETION OF THE PERMANENT PAVEMENT MARKING.

SUMMARY OF QUANTITIES

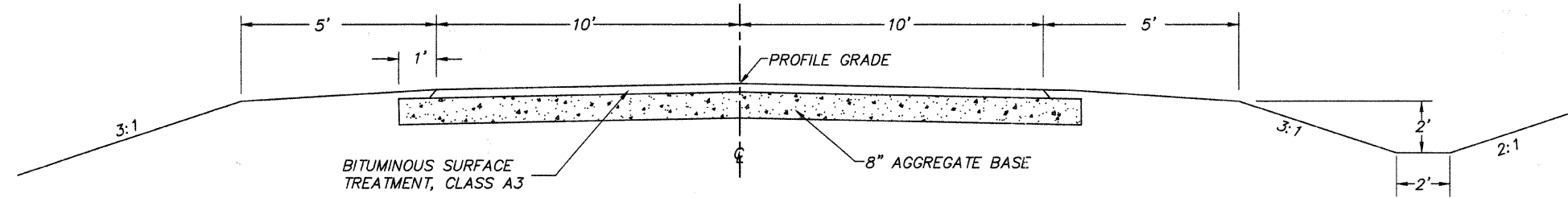
QUANTITY	UNIT	ITEM	CODE NO.	SPECIAL PROVISIONS
2,705	GALLON	BITUMINOUS MATERIALS (PRIME COAT)	40600100	*
54	TON	AGGREGATE (PRIME COAT)	40600300	
2,559	TON	LEVELING BINDER (MACHINE METHOD), N50	40600625	*
1	EACH	CONSTRUCTING TEST STRIP	40600895	
681	SQ. YD.	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	40600982	*
57	SQ. YD.	TEMPORARY RAMP	40600990	
2,323	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	40603310	*
1,760	TON	AGGREGATE SHOULDERS, TYPE A	48100100	
1	L. SUM	MOBILIZATION	67100100	
2,041	FOOT	SHORT TERM PAVEMENT MARKING	70300100	*
1	L. SUM	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	X7010216	*

CONSTRUCTION TYPE CODE: 0005

COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	3

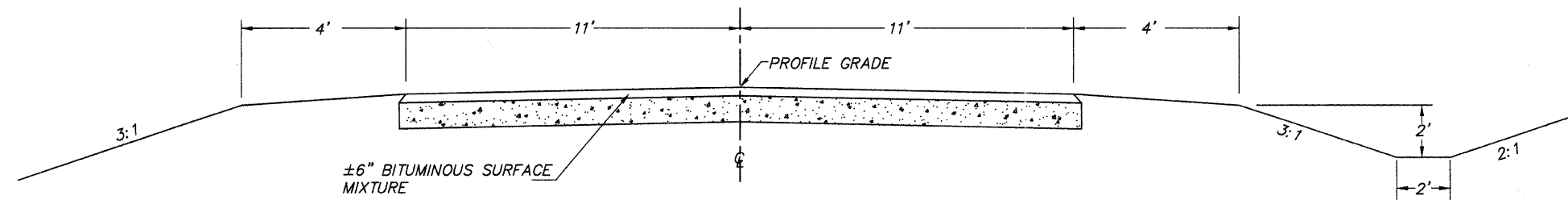
TYPICAL CROSS SECTIONS
PROJECT NO. RS-0432(125)

TYPICAL CROSS SECTIONS



EXISTING CROSS SECTION

BUILT AS: SECTION 64 G
STA. 162+00 TO STA. 280+28

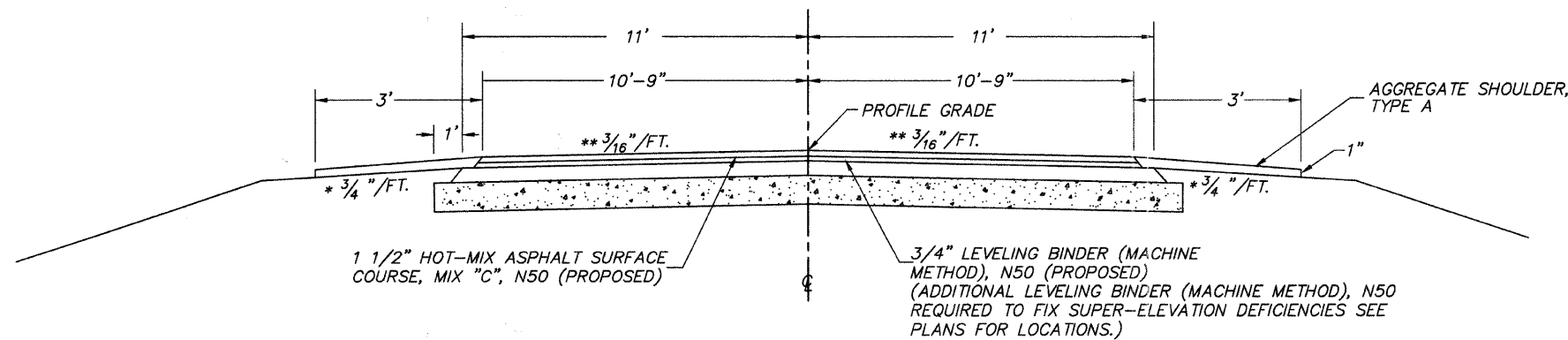


EXISTING CROSS SECTION

BUILT AS: VARIOUS COUNTY MAINT. PROJECTS
STA. 162+00 TO STA. 280+28

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	ASPHALT GRADE	AGG. COMPOSITION	VOIDS
SURFACE	PG 58-22	IL-9.5 or 12.5 MIX C	4.0% @ N50
LEVELING BINDER	PG 58-22	IL-9.5	4.0% @ N50



PROPOSED CROSS SECTION

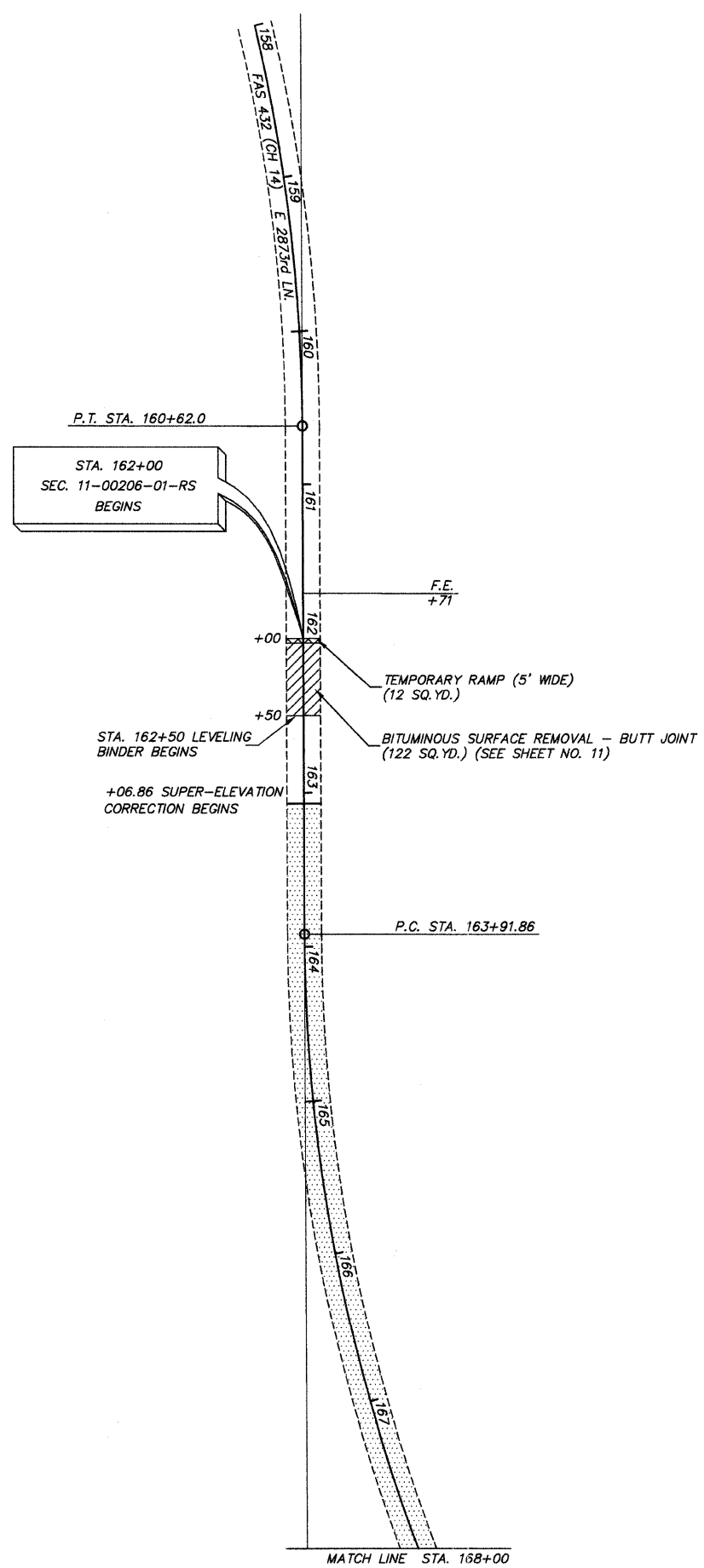
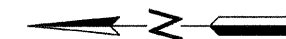
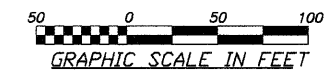
STA. 162+00 TO STA. 280+28

- * THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER SLOPE AND THE PAVEMENT SLOPE SHALL NOT EXCEED 10%.
- ** CROWN DOES NOT APPLY IN AREA OF SUPER-ELEVATION OR SUPER-ELEVATION TRANSITION.

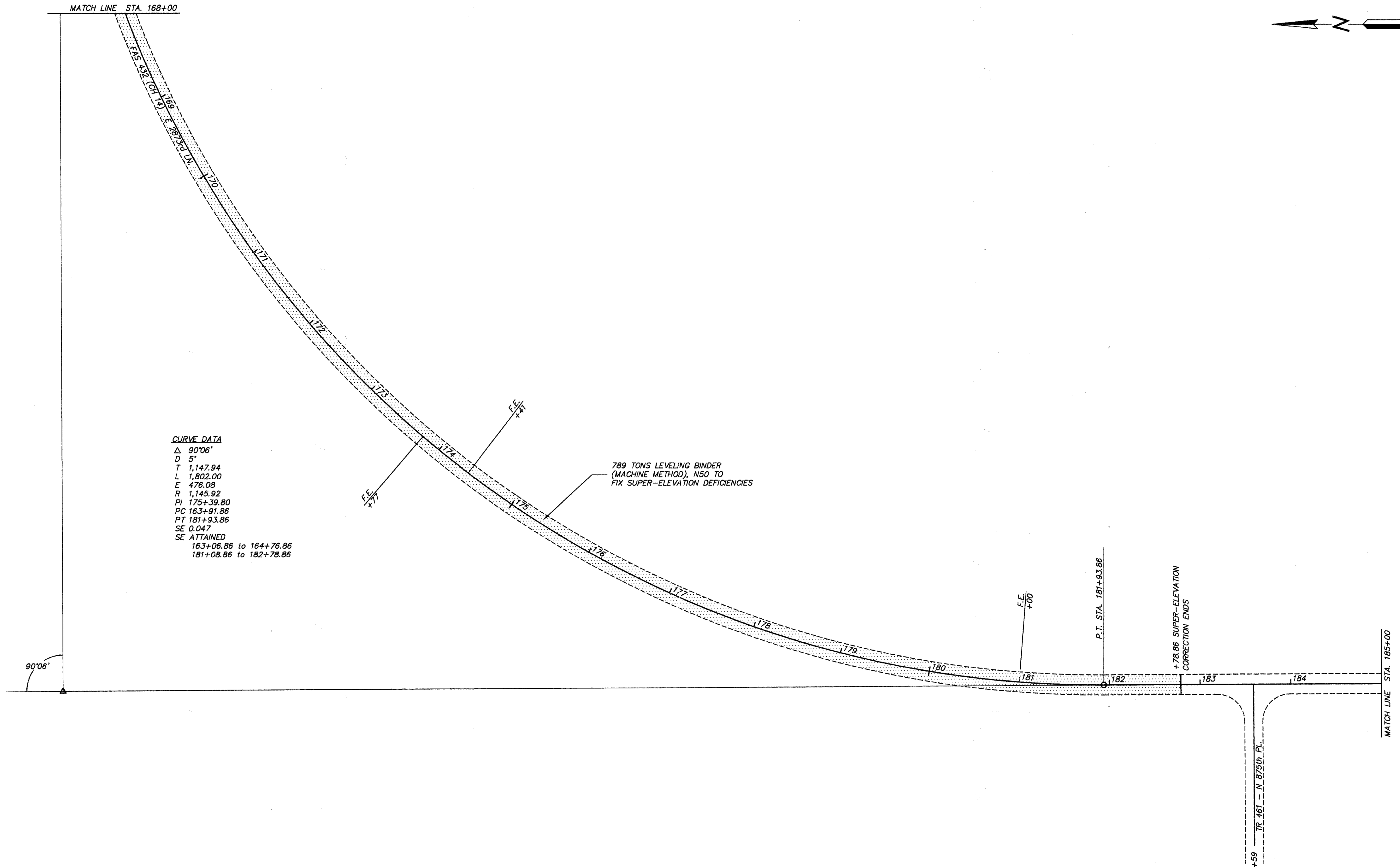
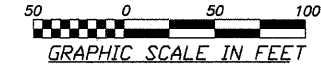
COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	4

STATION 162+00 TO STATION 168+00

PROJECT NO. RS-0432(125)



COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	5
STATION 168+00 TO STATION 185+00				
PROJECT NO. RS-0432(125)				



CURVE DATA
 Δ 90°06'
 D 5'
 T 1,147.94
 L 1,802.00
 E 476.08
 R 1,145.92
 PI 175+39.80
 PC 163+91.86
 PT 181+93.86
 SE 0.047
 SE ATTAINED
 163+06.86 to 164+76.86
 181+08.86 to 182+78.86

789 TONS LEVELING BINDER
 (MACHINE METHOD), N50 TO
 FIX SUPER-ELEVATION DEFICIENCIES

+78.86 SUPER-ELEVATION
 CORRECTION ENDS

P.T. STA. 181+93.86

F.E. +80

F.E. +77

90°06'

MATCH LINE STA. 168+00

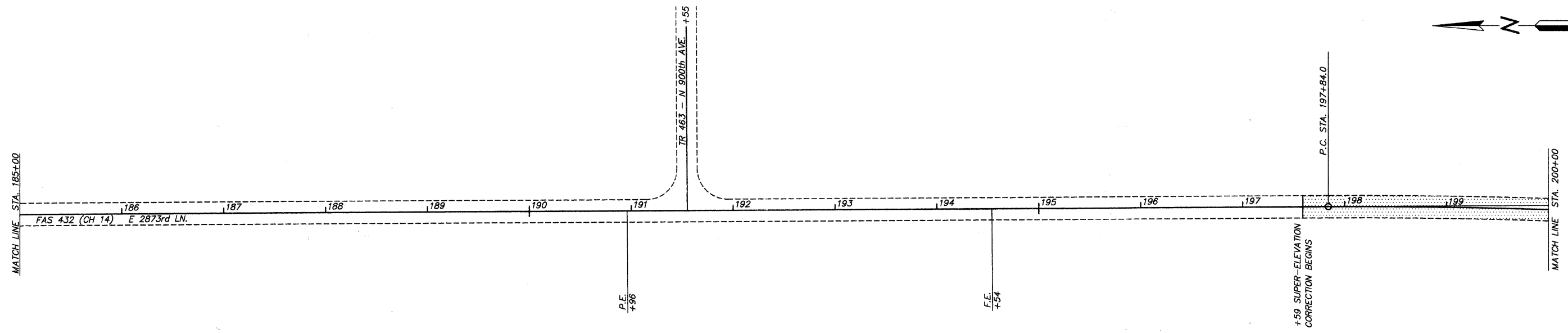
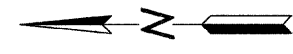
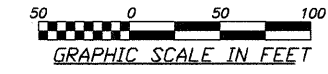
MATCH LINE STA. 185+00

TR. 461 - N. 87.5th. PL.

+59

COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	6

STATION 185+00 TO STATION 215+00
PROJECT NO. RS-0432(125)

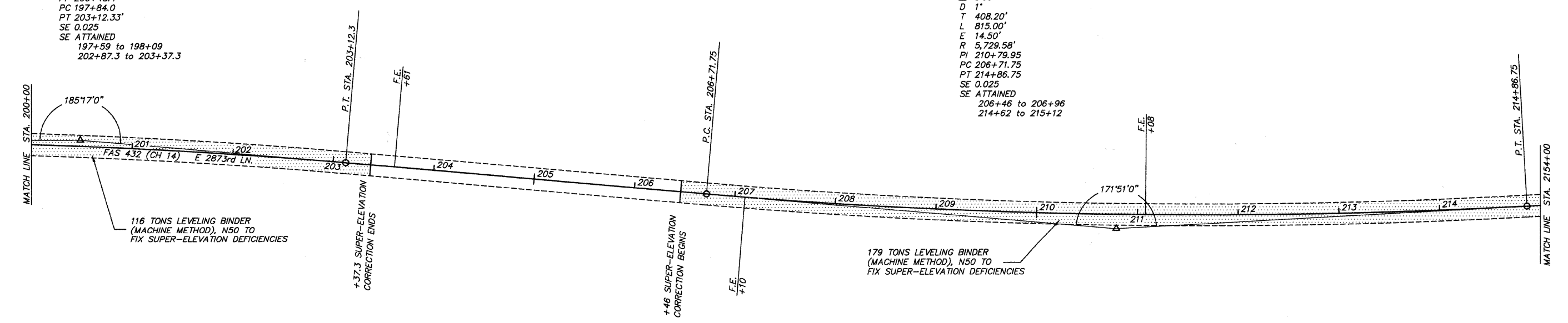


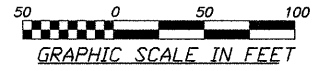
CURVE DATA

Δ 517'
D 1'
T 264.4'
L 528.33'
E 6.1'
R 5,729.58'
PI 200+48.4
PC 197+84.0
PT 203+12.33'
SE 0.025
SE ATTAINED
197+59 to 198+09
202+87.3 to 203+37.3

CURVE DATA

Δ 8'09"
D 1'
T 408.20'
L 815.00'
E 14.50'
R 5,729.58'
PI 210+79.95
PC 206+71.75
PT 214+86.75
SE 0.025
SE ATTAINED
206+46 to 206+96
214+62 to 215+12





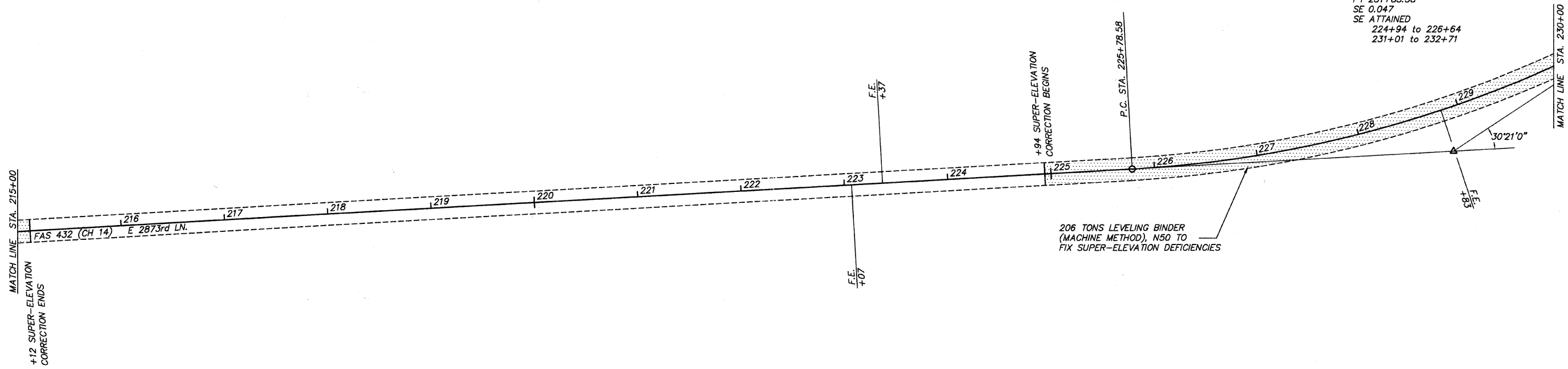
COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	7

STATION 215+00 TO STATION 230+00
PROJECT NO. RS-0432(125)



CURVE DATA

Δ 30°21'
D 5'
T 310.82'
L 607.0'
E 41.40'
R 1,145.92'
PI 228+89.40
PC 225+78.58
PT 231+85.58
SE 0.047
SE ATTAINED
224+94 to 226+64
231+01 to 232+71



MATCH LINE STA. 215+00

+12 SUPER-ELEVATION CORRECTION ENDS

F.E. +37

F.E. +07

+94 SUPER-ELEVATION CORRECTION BEGINS

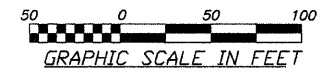
P.C. STA. 225+78.58

206 TONS LEVELING BINDER (MACHINE METHOD), N50 TO FIX SUPER-ELEVATION DEFICIENCIES

MATCH LINE STA. 230+00

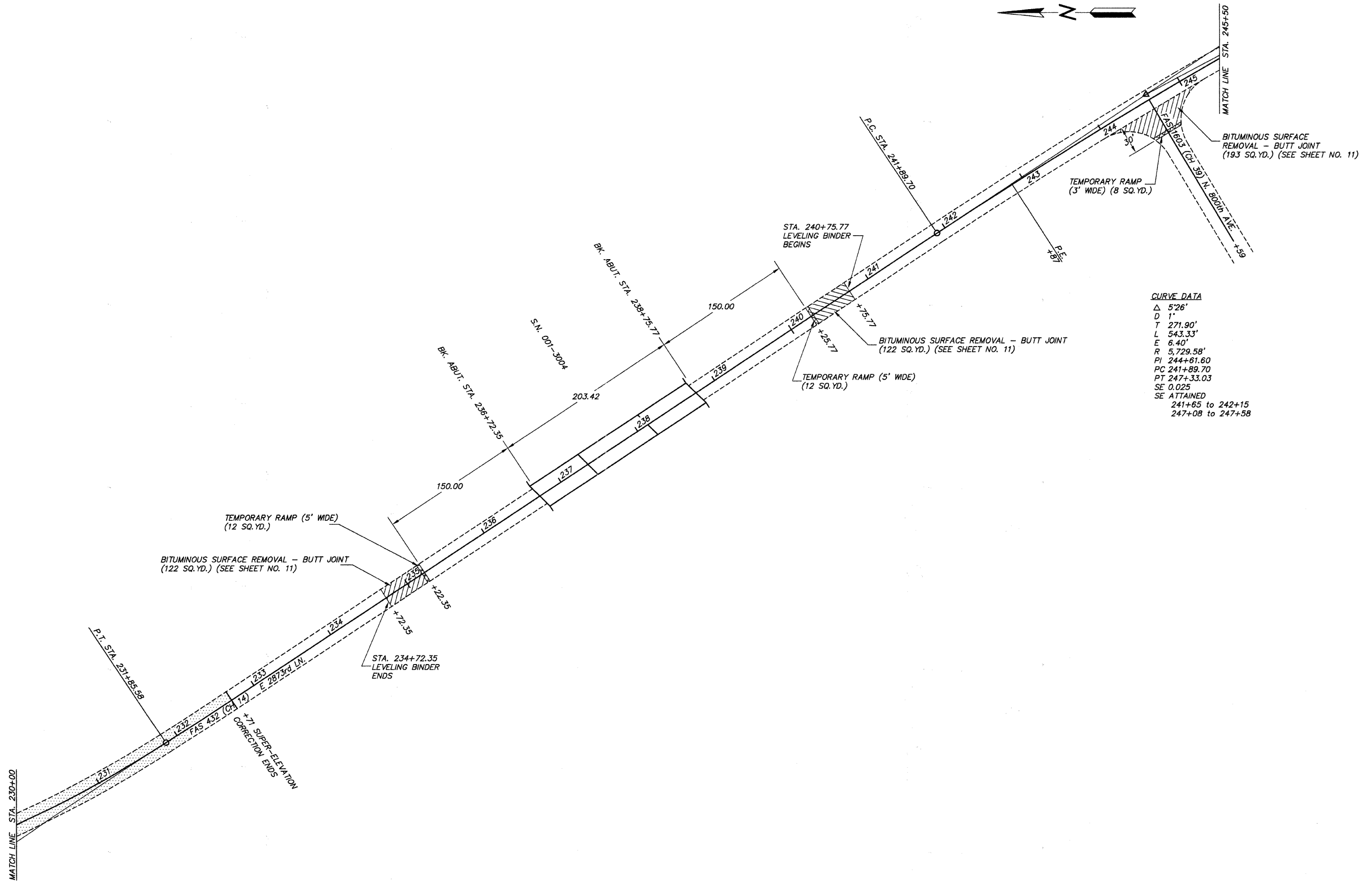
F.E. +85

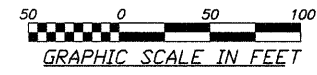
30°21'0"



COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	8

STATION 230+00 TO STATION 245+50
PROJECT NO. RS-0432(125)



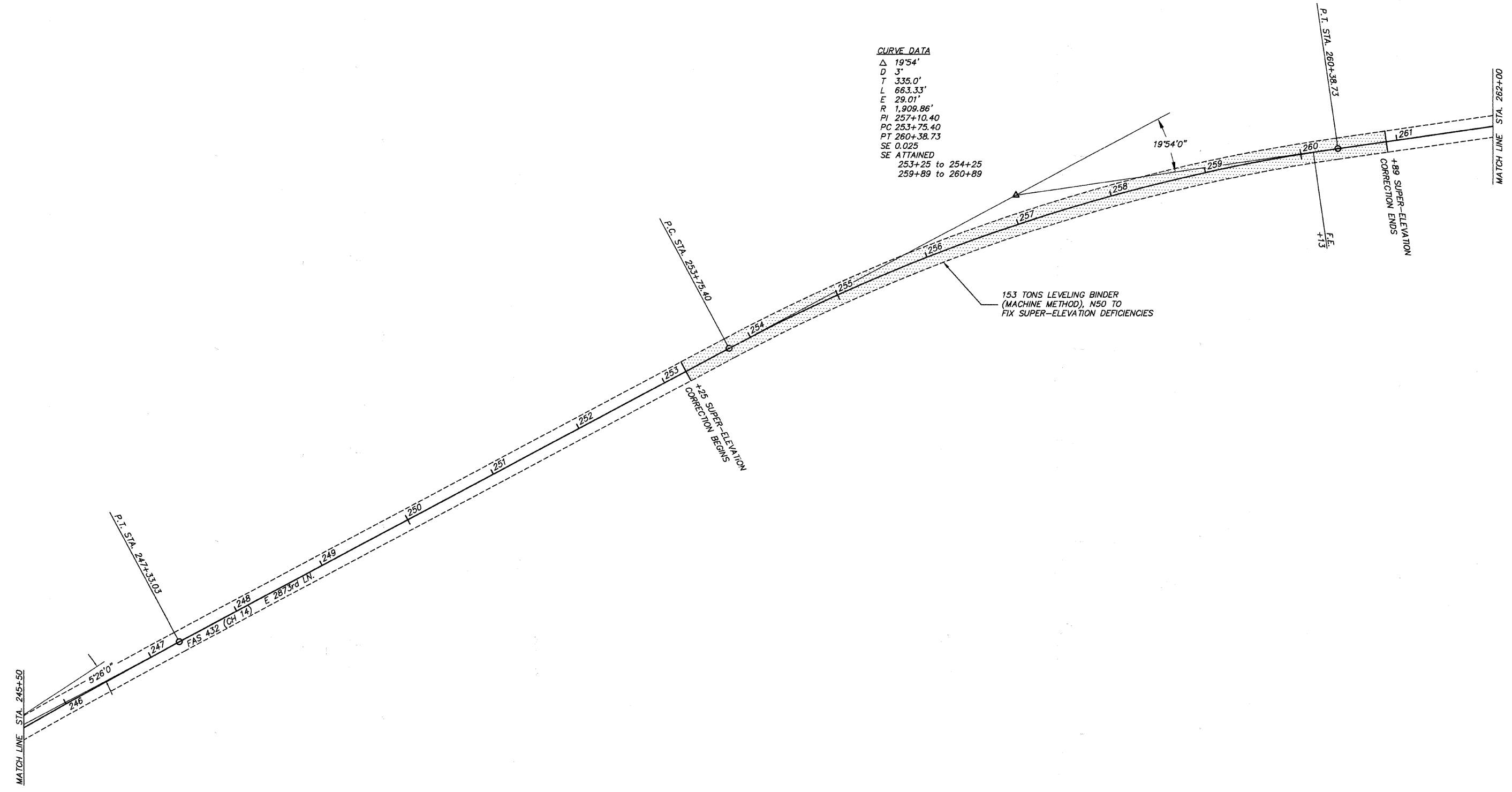


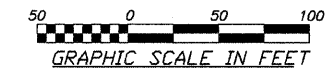
COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	9
STATION 245+50 TO STATION 262+00				
PROJECT NO. RS-0432(125)				



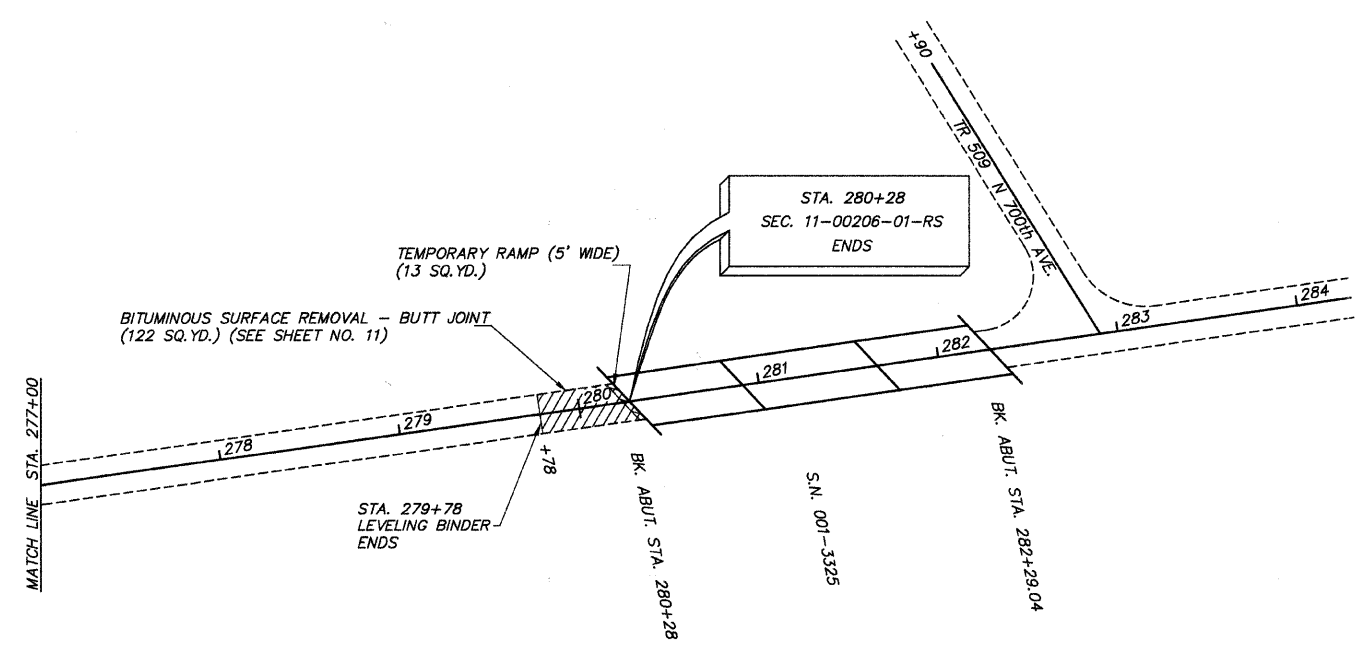
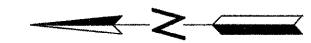
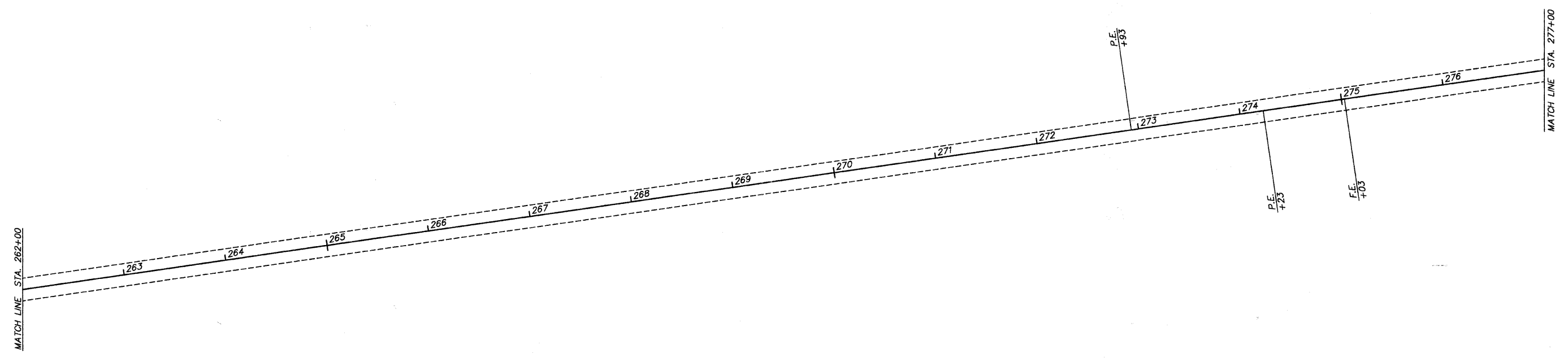
CURVE DATA

Δ 19°54'
 D 3'
 T 335.0'
 L 663.33'
 E 29.01'
 R 1,909.86'
 PI 257+10.40
 PC 253+75.40
 PT 260+38.73
 SE 0.025
 SE ATTAINED
 253+25 to 254+25
 259+89 to 260+89



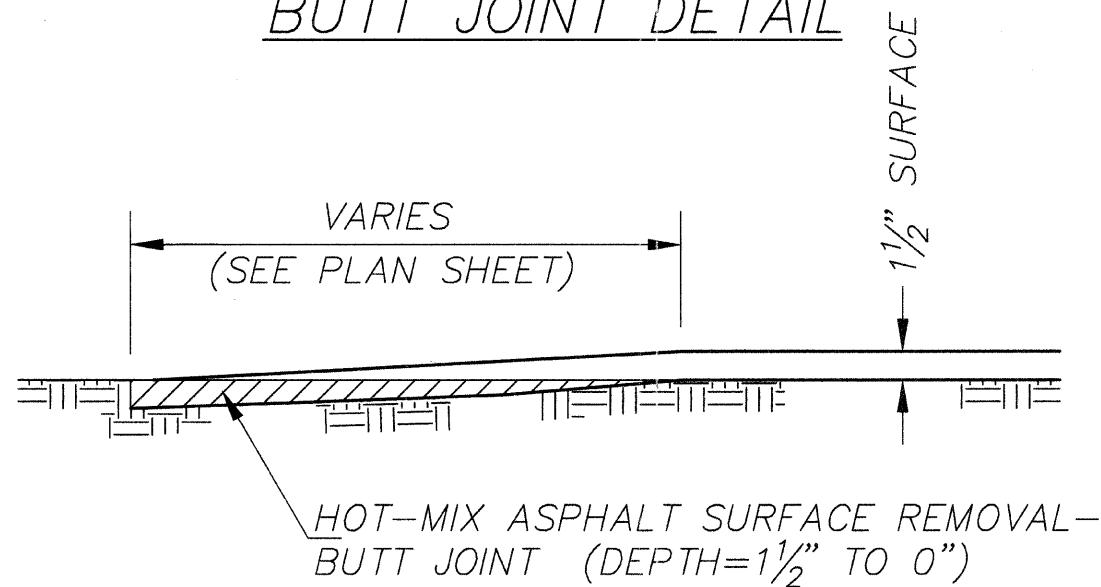


COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	10
STATION 262+00 TO STATION 280+28				
PROJECT NO. RS-0432(125)				



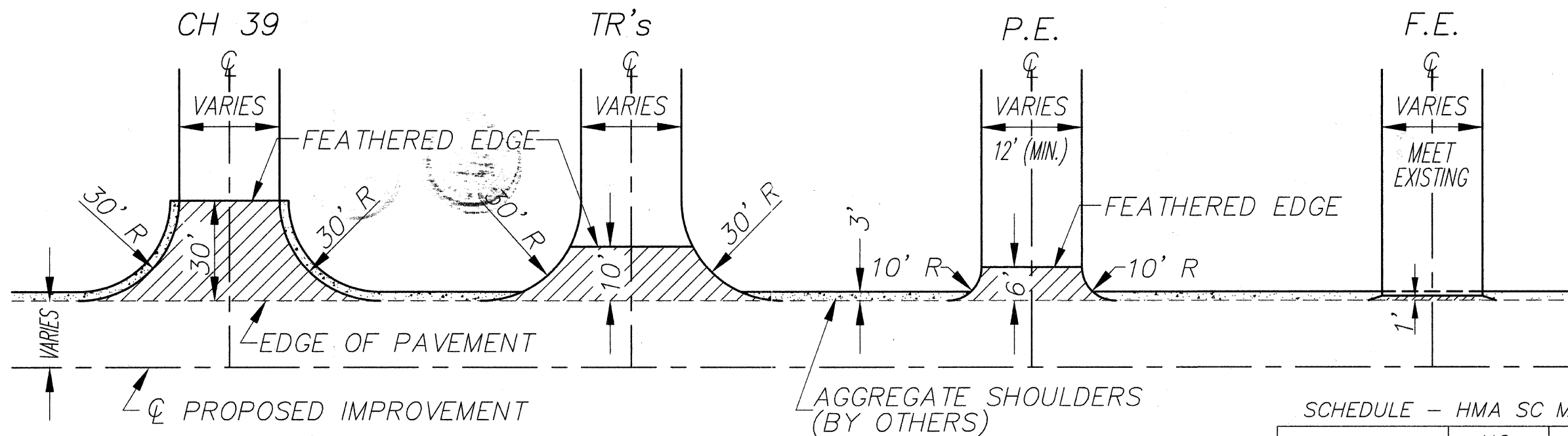
COUNTY	ROUTE	SECTION	TOTAL SHEETS	SHEET NO.
ADAMS	FAS 432	11-00206-01-RS	11	11.
BUTT JOINT DETAIL				
SIDE ROAD & ENTRANCE DETAILS				
PROJECT NO. RS-0432(125)				

BUTT JOINT DETAIL



INTERSECTION DETAILS

ENTRANCE DETAILS



SCHEDULE - HMA SC MIX "C" N50

	NO.	TONS/	TONS
PE	4	2	8
FE	12	0.2	3
MINOR ROAD	2	9	18
MAJOR ROAD	1	15	15
MAILBOXES	2	3	6
TOTAL			50

