

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 317 (US 24)
SECTION (3,4)RS-6, (5,6)RS-4

RESURFACING
ADAMS COUNTY
C-96-048-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(3,4)RS-6, (5,6)RS-4	ADAMS	30	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	72845	

D-96-561-03

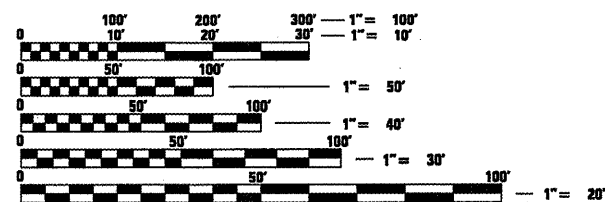
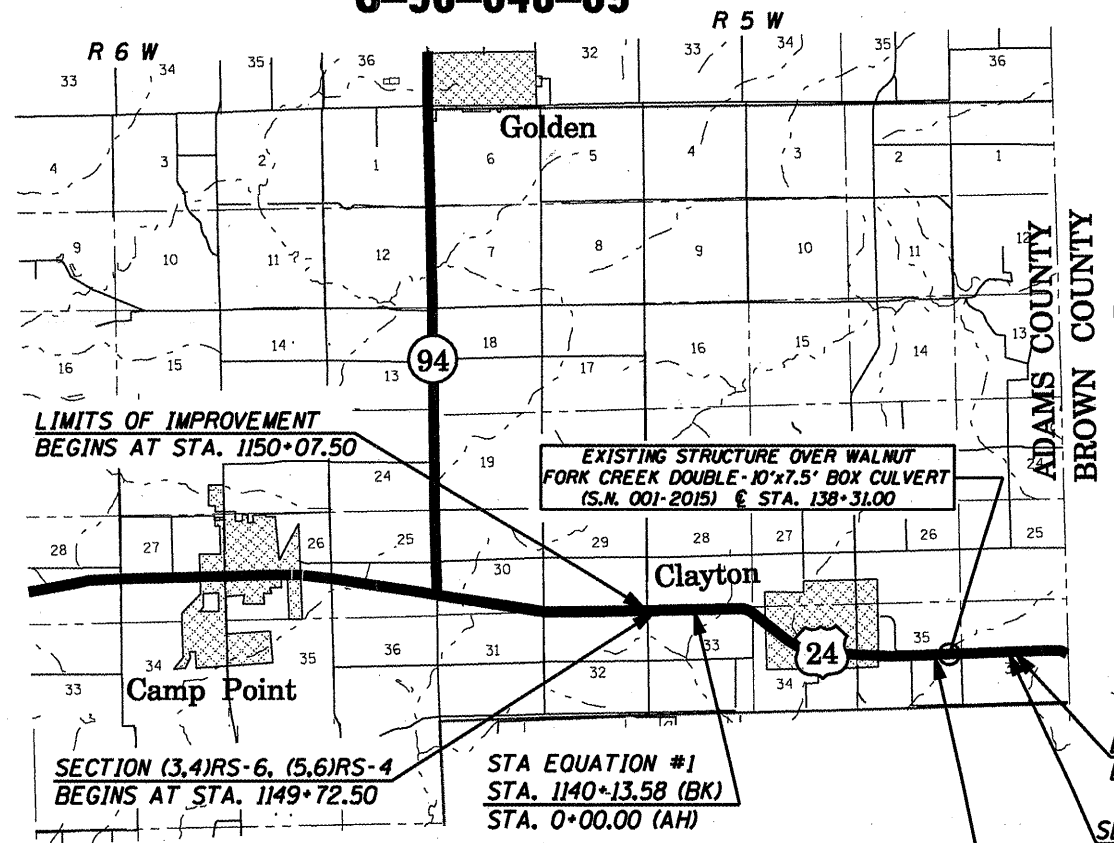


FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION

F.A.P. ROUTE 317 (US 24)

CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
ADT: 2,966 (2007) PV = 94.0%
ADT: 4,304 (2032) SU = 4.0%
DESIGN SPEED: 55 MPH MU = 2.0%
POSTED SPEED: 55 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SAL MADONIA (217) 782-4761
PROJECT MANAGER: RENE CABRERA (217) 557-9062
TECHNICIAN: JONATHAN COX (217) 557-9062
CONTRACT NO. 72845

LOCATION MAP

GROSS LENGTH = 16,395.36 FT = 3.11 MI
NET LENGTH = 16,325.36 FT = 3.09 MI

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 10, 2009
Rogin L. Piskun
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 1, 2009
Charles G. Ingemoll
ENGINEER OF DESIGN AND ENVIRONMENT

May 1, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

GENERAL NOTES

- ① WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.
- ② THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- ③ THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
- ④ ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.
- ⑤ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATIONS:	US 24	US 24	US 24
MIXTURE USE(S):	HMA CONC SURF CSE	LEV BIND MM N50	HMA BASE CSE WID
AC/PG:	• PG 64-22	• PG 64-22	• PG 64-22
DESIGN AIR VOIDS	4.0 @ N design = 50	4.0 @ N design = 50	4.0 @ N design = 50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5 OR 12.5	IL 9.5	IL 19.0
FRICITION AGGREGATE	MIX "C"	N/A	N/A

LOCATIONS:	US 24	Side Rds. & Entr.	US 24
MIXTURE USE(S):	HMA SHOULDERS 2 1/4"	INCIDENTAL HMA SURF	PATCHING
AC/PG:	• PG 58-22	• PG 64-22	• PG 64-22
DESIGN AIR VOIDS	2.0 @ N design = 30	4.0 @ N design = 50	4.0 @ N design = 50
MIXTURE COMPOSITION (Gradation Mixture)	BAM MIX (Other)	IL 9.5 OR 12.5	IL 19.0
FRICITION AGGREGATE	N/A	MIX "C"	N/A

- ⑥ THE APPROXIMATE AVERAGE THICKNESS OF 2" IS USED FOR CALCULATING QUANTITIES FOR AGGREGATE SHOULDERS, TYPE B.
- ⑦ PROPOSED SUPERELEVATIONS SHOWN IN THE TYPICAL SECTIONS ARE REFERENCED FROM EXISTING PLANS AND SHALL MATCH EXISTING PAVEMENT GRADES AND TRANSITIONS. THE ENGINEER SHALL FIELD VERIFY ALL EXISTING SUPERELEVATIONS.
- ⑧ PREPARATION OF SUB-BASE AFTER THE REMOVAL OF THE EXISTING TYPE A CONCRETE GUTTER ALONG WITH ANY ADDITIONAL BACKFILL SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND BE INCLUDED IN THE COST FOR CONCRETE GUTTER, TYPE A.

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT): 0.00038 TON / 50 YD (ON PAVEMENT)
 0.001425 TON / 50 YD (ON AGGREGATE)
 AGGREGATE MATERIALS (PRIME COAT): 0.002 TON / 50 YD
 HMA SURFACE MIX C / BINDER (112 LBS): 0.056 TON / 50 YD • In
 AGGREGATE MATERIALS: 2.05 TON / CU YD

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS
- 3 SUMMARY OF QUANTITIES
- 4 - 7 TYPICAL SECTIONS (4)
- 8 - 13 SCHEDULE OF QUANTITIES (6)
- 14 - 27 PLAN VIEW (14)
- 28 - 30 ENTRANCE AND SIDEROAD DETAILS (3)

STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C & D PATCHES
606001-04	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606101-04	TYPE A GUTTER (INLET, OUTLET, & ENTRANCES)
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAIL
701011-02	OFF ROAD MOVING OPERATIONS 2L, 2W DAY ONLY FOR SPEEDS ≥ 45 MPH (SHOULDER WORK)
701201-03	LANE CLOSURE 2L, 2W DAY ONLY FOR SPEEDS ≥ 45MPH (PATCHING)
701301-03	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS (MARKING PATCHES & CLEANUP)
701306-02	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45MPH (BIT SURF, SHLDR OPS & MILLING)
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY (PAVEMENT MARKING)
701326-03	LANE CLOSURE 2L, 2W PAVEMENT WIDENING, FOR SPEEDS ≥ 45MPH (WIDENING)
701501-05	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS

(NONE)

THE ITALICIZED TEXT DESCRIBING STANDARDS ARE GENERAL USES FOR THE APPLICATION SPECIFIED AND NOT LIMITED TO THEM.

EXAMINED April 6 20 09

Sam J. Hoars
 PROGRAM IMPLEMENTATION ENGINEER

EXAMINED April 8 20 09

DRML
 PROGRAM DEVELOPMENT ENGINEER
 DISTRICT SIX

EXAMINED April 8 20 09

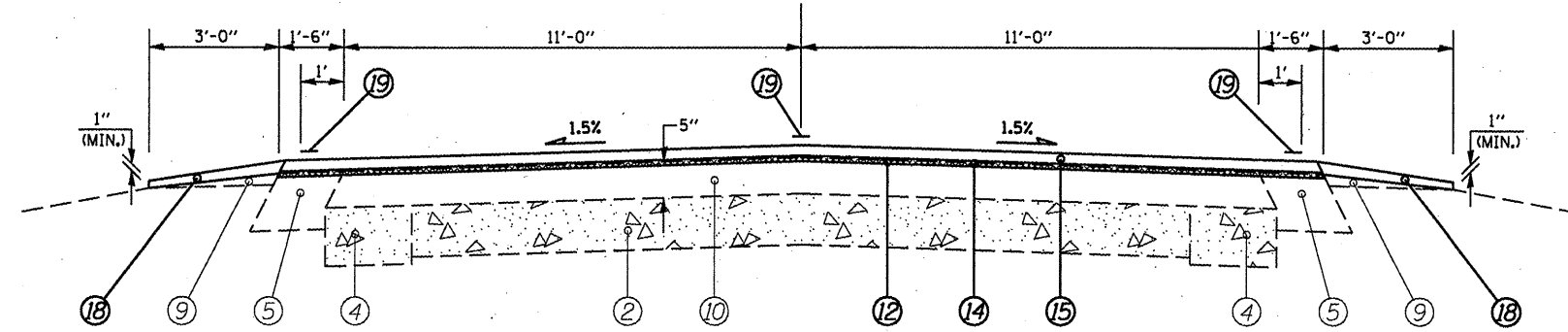
Sam J. Hoars
 OPERATIONS ENGINEER

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000-	CONSTRUCTION TYPE CODE
20201100	GRADING EXISTING SHOULDER	UNIT	7.2	7.2	
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SO YD	120	120	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	20	20	
40600300	AGGREGATE (PRIME COAT)	TON	98	98	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,940	1,940	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	972	972	
40600990	TEMPORARY RAMP	SO YD	59	59	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3,903	3,903	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	379	379	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	1,113	1,113	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	45,651	45,651	
44000400	GUTTER REMOVAL	FOOT	680	680	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	176	176	
44002500	GUTTER OUTLET REMOVAL	EACH	1	1	
44200188	PAVEMENT PATCHING, TYPE I, 16 INCH	SO YD	20	20	
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SO YD	211	211	
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SO YD	289	289	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,197	1,197	
48203006	HOT-MIX ASPHALT SHOULDERS, 2 1/4"	SO YD	660	660	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	4	4	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	7	7	
60602500	CONCRETE GUTTER, TYPE A	FOOT	674	674	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	176	176	
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	975	975	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	12	
63200310	GUARDRAIL REMOVAL	FOOT	1,250	1,250	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4	4	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4,471	4,471	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	48,833	48,833	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	497	497	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	48,833	48,833	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	208	208	
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	27	27	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	250	250	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1000-2A	CONSTRUCTION TYPE CODE
*Specialty Items					

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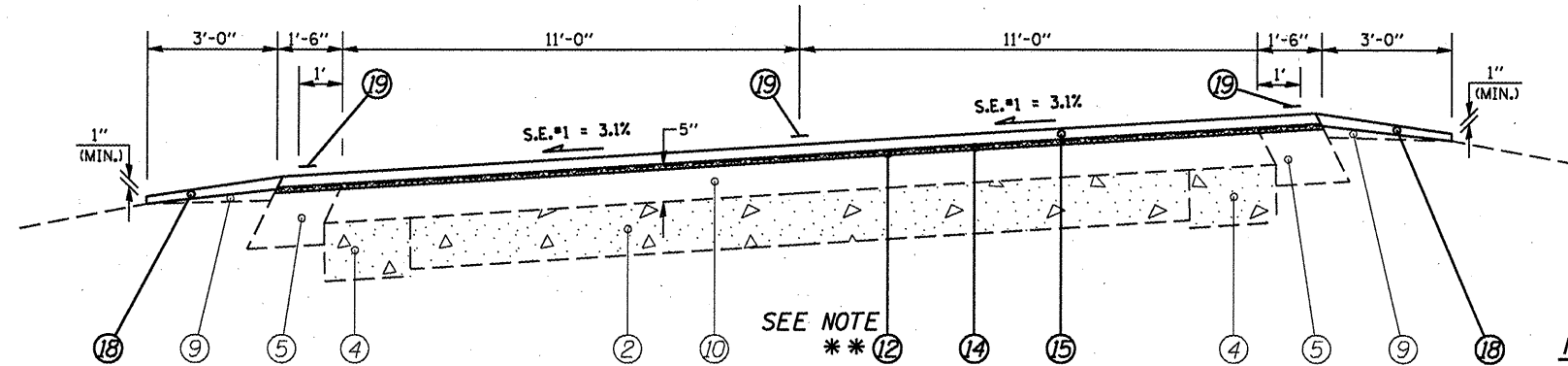


FULL S.E.: (S.E.#1 = 3.1%)
 STA. 32+25.50 TO 51+40.50
S.E. TRANSITION:
 STA. 30+36.30 TO 32+25.50
 STA. 51+40.50 TO 53+28.70

- (1) STA. 1149+72.50 TO STA. 1140+13.58 [958.92']
- (2) STA. 0+00.00 TO STA. 30+36.30 [3,036.30']
- (11) STA. 130+00.00 TO STA. 135+15.00 [515.0']

(STA EQN #1)
 STA. 1140+13.58 (BK)=
 STA. 0+00.00 (AH)

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- (3) STA. 30+36.30 TO STA. 53+28.70 [2,292.40']

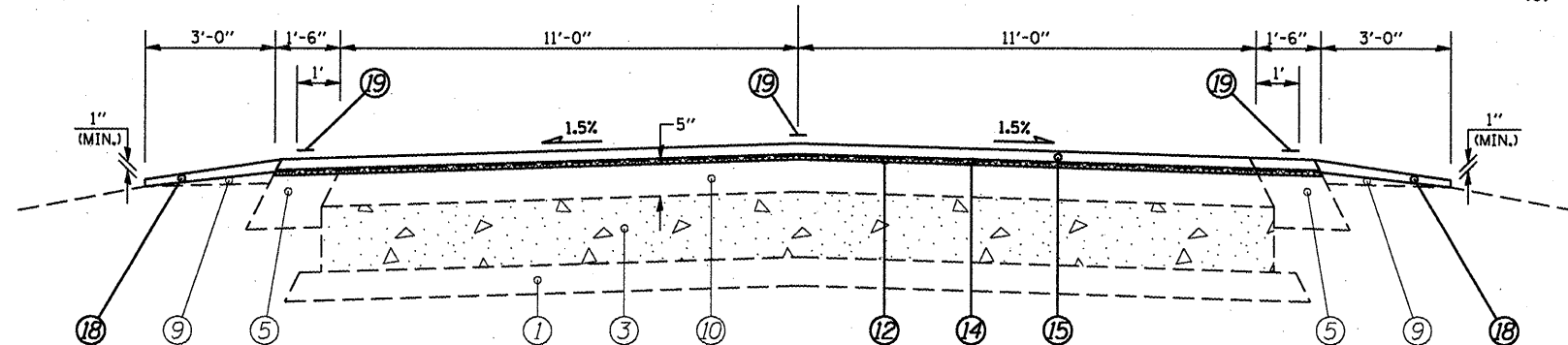
SEE NOTE
 ** (12)

NOTE: **

- (a) MILLING DEPTH VAR. FR. 1/2" TO 2 1/4" FR. STA. 50+00.00 TO 50+35.00.
- (b) MILLING DEPTH IS 2 1/4" FR. STA. 50+35.00 TO 52+65.00.
- (c) MILLING DEPTH VAR. FR. 2 1/4" TO 1/2" FR. STA. 52+65.00 TO 53+00.00.

* NOMINAL MILLING DEPTH 1/2" @ ☉

☉ F.A.P. 317 (US 24)



- (4) STA. 53+28.70 TO STA. 65+38.40 [1,209.70']
- (6) STA. 86+32.00 TO STA. 111+49.70 [2,517.70']
- (8) STA. 121+07.70 TO STA. 125+51.20 [443.50']
- (10) STA. 129+45.90 TO STA. 130+00.00 [54.1']
- (12) STA. 135+15.00 TO STA. 142+44.00 [729.0']

FULL S.E.: (S.E.#2 = 3.1%)
 STA. 67+27.60 TO 84+42.00
S.E. TRANSITION:
 STA. 65+38.40 TO 67+27.60
 STA. 84+42.00 TO 86+32.00

FULL S.E.: (S.E.#3 = 2.0%)
 STA. 112+49.70 TO 120+07.70
S.E. TRANSITION:
 STA. 111+49.70 TO 112+49.70
 STA. 120+07.70 TO 121+07.70

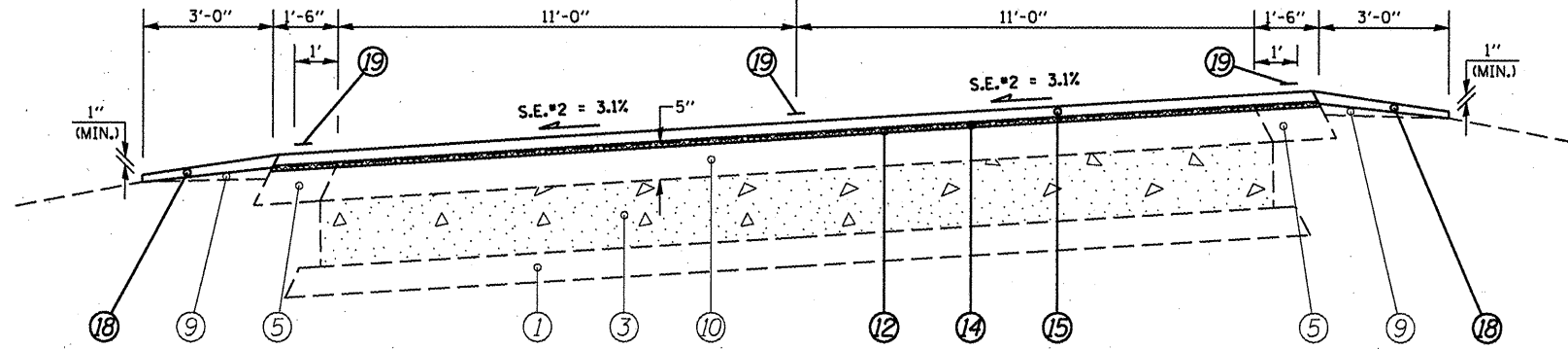
** 1149+80.00 to 1140+13.50
 0+00.00 to 65+38.40
 86+32.00 to 111+49.70
 121+07.70 to 125+51.00
 129+01.00 to 142+44.00

NOT TO SCALE

LEGEND

- ① EXIST. SUB-BASE GRANULAR MATERIAL, 4"
- ② EXIST. P.C.C. PAVEMENT 7"
- ③ EXIST. P.C.C. PAVEMENT 9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING, 8"
- ⑤ EXIST. BITUMINOUS BASE COURSE WIDENING 8"
- ⑥ EXIST. BITUMINOUS BASE COURSE WIDENING 9"
- ⑦ EXIST. BITUMINOUS SHOULDER 10"
- ⑧ EXIST. CONCRETE GUTTER, TYPE A
- ⑨ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑩ EXIST. BITUMINOUS CONCRETE OVERLAY
- ⑪ PROP. CONCRETE GUTTER REMOVAL
- ⑫ PROP. HMA CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) *
- ⑬ PROP. HMA BASE COURSE WIDENING, 9"
- ⑭ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4"
- ⑮ PROP. HMA CONCRETE SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑯ PROP. CONCRETE GUTTER, TYPE A
- ⑰ PROP. HMA SHOULDERS 2 1/4"
- ⑱ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑲ PROP. PAINT PAVEMENT MARKING - LINE 5"
- ⑳ PROP. GRADING EXISTING SHOULDER

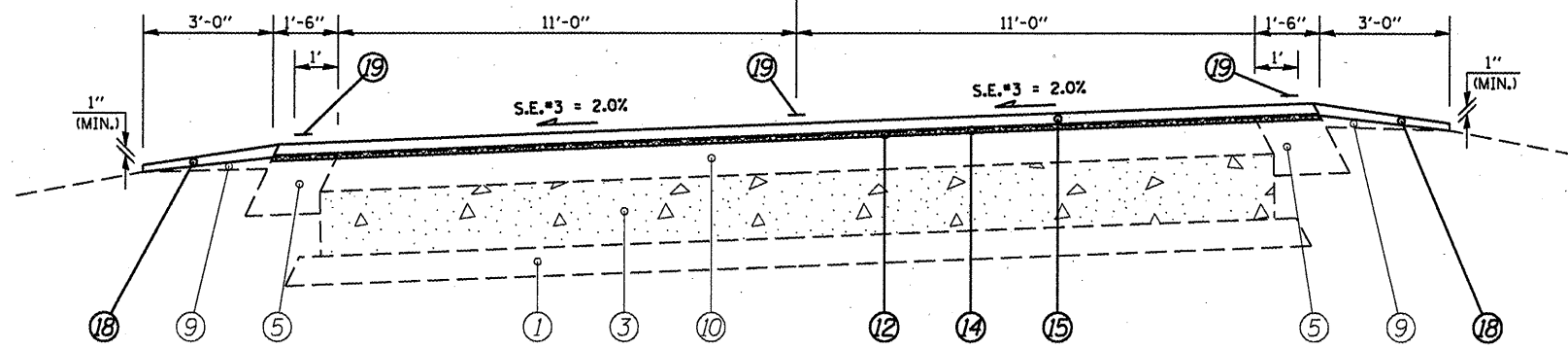
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FULL S.E.: (S.E.#2 = 3.1%)
 STA. 67+27.60 TO 84+42.00
S.E. TRANSITION:
 STA. 65+38.40 TO 67+27.60
 STA. 84+42.00 TO 86+32.00

(5) STA. 65+38.40 TO STA. 86+32.00 [2,093.60']

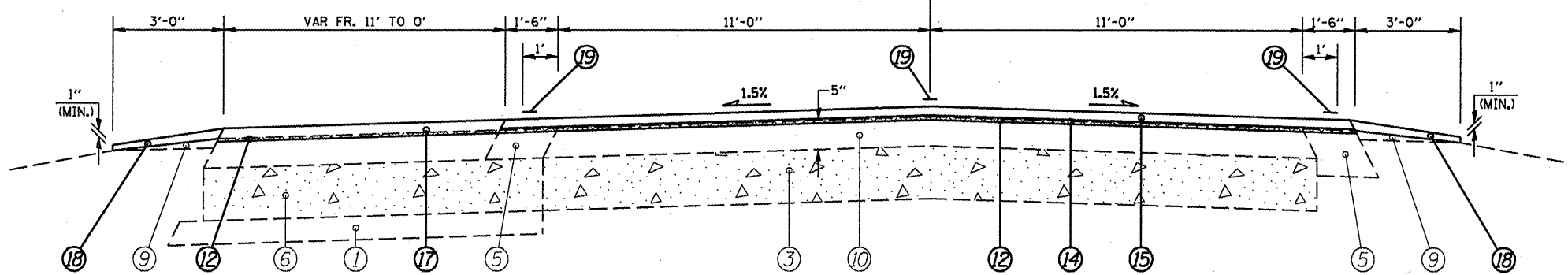
☐ F.A.P. 317 (US 24)



FULL S.E.: (S.E.#3 = 2.0%)
 STA. 112+49.70 TO 120+07.70
S.E. TRANSITION:
 STA. 111+49.70 TO 112+49.70
 STA. 120+07.70 TO 121+07.70

(7) STA. 111+49.70 TO STA. 121+07.70 [958.0']

☐ F.A.P. 317 (US 24)



(9) STA. 125+51.20 TO STA. 129+45.90 [394.7']

LEGEND

- ① EXIST. SUB-BASE GRANULAR MATERIAL, 4"
- ② EXIST. P.C.C. PAVEMENT 7"
- ③ EXIST. P.C.C. PAVEMENT 9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING, 8"
- ⑤ EXIST. BITUMINOUS BASE COURSE WIDENING 8"
- ⑥ EXIST. BITUMINOUS BASE COURSE WIDENING 9"
- ⑦ EXIST. BITUMINOUS SHOULDER 10"
- ⑧ EXIST. CONCRETE GUTTER, TYPE A
- ⑨ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑩ EXIST. BITUMINOUS CONCRETE OVERLAY
- ⑪ PROP. CONCRETE GUTTER REMOVAL
- ⑫ PROP. HMA CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) *
- ⑬ PROP. HMA BASE COURSE WIDENING, 9"
- ⑭ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4"
- ⑮ PROP. HMA CONCRETE SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑯ PROP. CONCRETE GUTTER, TYPE A
- ⑰ PROP. HMA SHOULDERS 2 1/4"
- ⑱ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑲ PROP. PAINT PAVEMENT MARKING - LINE 5"
- ⑳ PROP. GRADING EXISTING SHOULDER

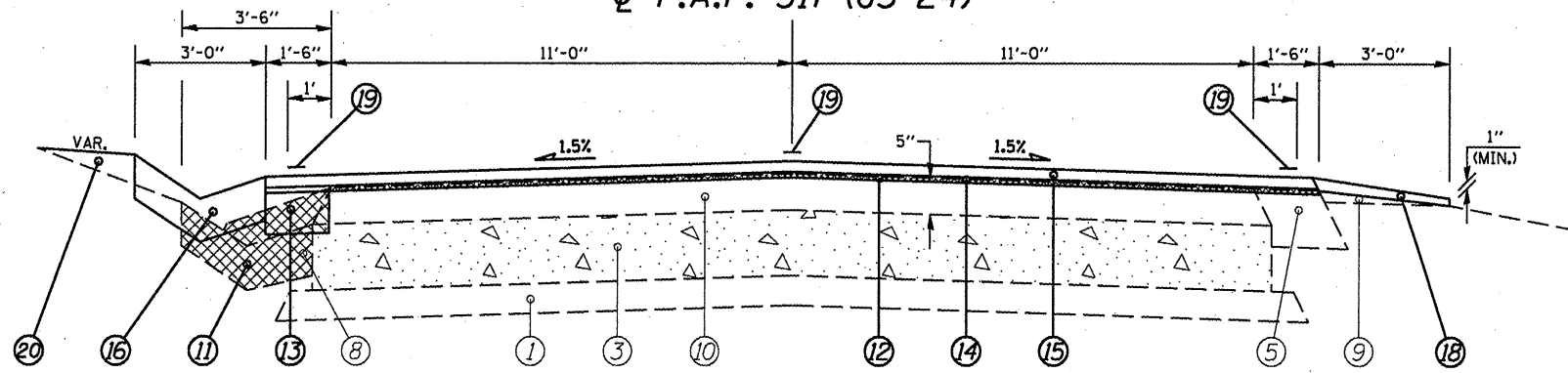
* NOMINAL MILLING DEPTH 1/2" @ ☐

** 65+38.40 to 86+32.00
 111+49.70 to 121+07.70
 125+51.00 to 129+01.00

NOT TO SCALE

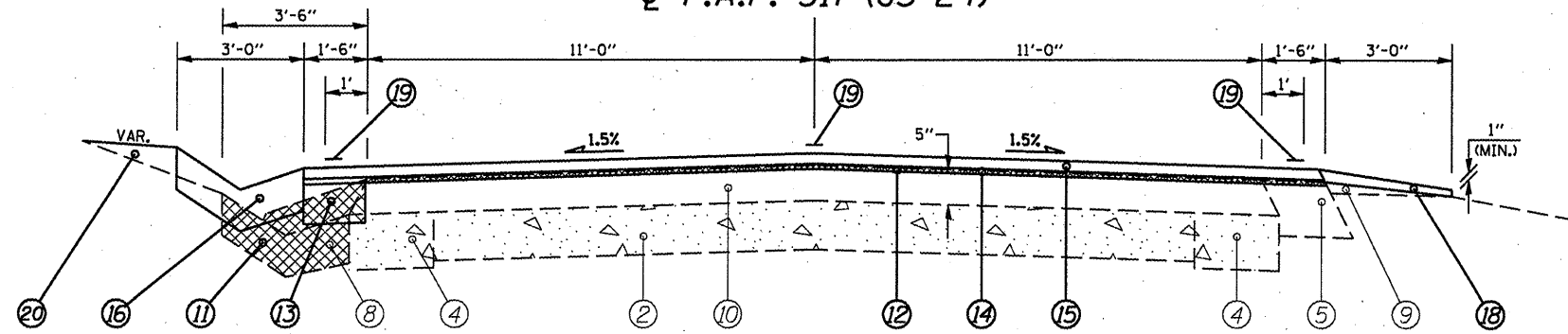
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PLOT SCALE = 1/8" = 1' IN.	CHECKED - RSC	REVISIONS -			CONTRACT NO. 72845						
PLOT DATE = Apr-09-2009 08:45:45AM	DATE - 02/17/09	REVISIONS -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
				SCALE: NTS	SHEET NO. 2 OF 4 SHEETS	STA. ** TO STA. **					

☉ F.A.P. 317 (US 24)



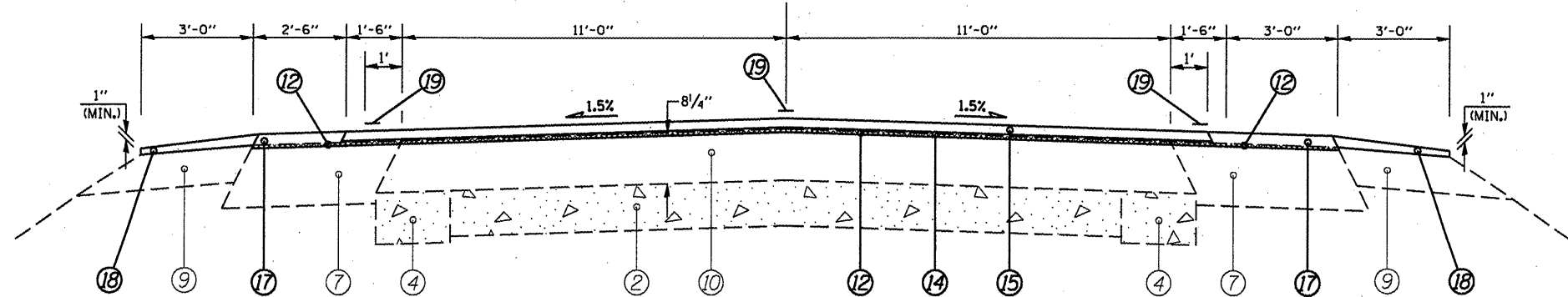
(13) STA. 142+44.00 TO STA. 143+62.01 [118.01'] (STA EQN #2)
 STA. 143+62.01 (BK)=
 STA. 130+24.57 (AH)

☉ F.A.P. 317 (US 24)



(14) STA. 130+24.57 TO STA. 136+22.00 [597.43']

☉ F.A.P. 317 (US 24)



(15) STA. 136+22.00 TO STA. 138+01.00 [179']
 (17) STA. 138+61.00 TO STA. 140+29.00 [168']

LEGEND

- ① EXIST. SUB-BASE GRANULAR MATERIAL, 4"
- ② EXIST. P.C.C. PAVMENT 7"
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- ⑱ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑲ PROP. PAINT PAVEMENT MARKING - LINE 5"
- ⑳ PROP. GRADING EXISTING SHOULDER

* NOMINAL MILLING DEPTH 1/2 @ ☉

** 142+44.00 to 143+62.01
 130+24.57 to 138+01.00
 138+61.00 to 140+29.00

NOT TO SCALE

FILE NAME =	USER NAME = cbrerars	DESIGNED - JWC	REVISED -
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PLOT DATE = Apr-09-2009 08:46:04AM	DATE - 2/17/09	REVISIONS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

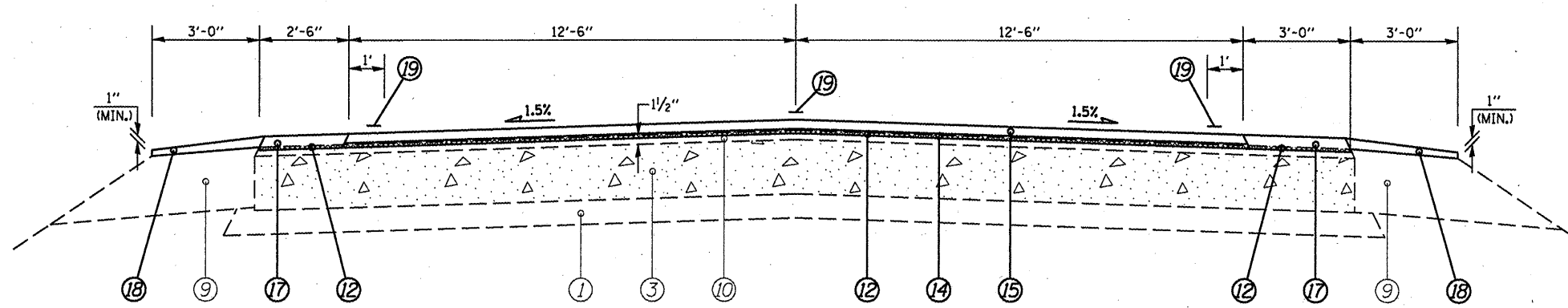
SCALE: NTS

SHEET NO. 3 OF 4 SHEETS

STA. ** TO STA. **

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(3,4)RS-6; (5,6)RS-4	Adams	30	6
CONTRACT NO. 72845			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

☉ F.A.P. 317 (US 24)



(16) STA. 138+01.00 TO STA. 138+61.00 [60']

S.N. 001-2015 (EX.)
DBL 10'x7.5' RCBC
over WALNUT FORK CREEK
C.L. STA. 138+31.00

LEGEND

- ① EXIST. SUB-BASE GRANULAR MATERIAL, 4"
- ② EXIST. P.C.C. PAVMENT 7"
- ③ EXIST. P.C.C. PAVMENT 9"
- ④ EXIST. P.C.C. BASE COURSE WIDENING, 8"
- ⑤ EXIST. BITUMINOUS BASE COURSE WIDENING 8"
- ⑥ EXIST. BITUMINOUS BASE COURSE WIDENING 9"
- ⑦ EXIST. BITUMINOUS SHOULDER 10"
- ⑧ EXIST. CONCRETE GUTTER, TYPE A
- ⑨ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑩ EXIST. BITUMINOUS CONCRETE OVERLAY
- ⑪ PROP. CONCRETE GUTTER REMOVAL
- ⑫ PROP. HMA CONCRETE SURFACE REMOVAL (VARIABLE DEPTH) *
- ⑬ PROP. HMA BASE COURSE WIDENING, 9"
- ⑭ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4"
- ⑮ PROP. HMA CONCRETE SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑯ PROP. CONCRETE GUTTER, TYPE A
- ⑰ PROP. HMA SHOULDERS 2 1/4"
- ⑱ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑲ PROP. PAINT PAVEMENT MARKING - LINE 5"
- ⑳ PROP. GRADING EXISTING SHOULDER

* NOMINAL MILLING DEPTH 1/2" ☉ ☉

NOT TO SCALE

** 138+01.00 TO 138+61.00

FILE NAME =	USER NAME = cembrers	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE. 317	SECTION (3,4)RS-6; (5,6)RS-4	COUNTY Adms	TOTAL SHEETS 30	SHEET NO. 7		
ca:\pw_work\PWIDDT\CABRERARS\dms20567\typical.dgn		DRAWN - JWC	REVISED -			SCALE: NTS	SHEET NO. 4 OF 4 SHEETS	STA. **	TO STA. **	CONTRACT NO. 72845		
PLOT SCALE = 107.6528' / IN.		CHECKED - RSC	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
PLOT DATE = Apr-09-2009 08:46:19AM		DATE -	REVISED -									

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SURFACE REMOVAL

LOCATION	BUTT JOINT	VAR. DEPTH	2 1/4"
	QUANTITY	QUANTITY	QUANTITY
	(SQ YD)	(SQ YD)	(SQ YD)
F. A. P. 317 (US 24)			
STA. 1150+07.50 TO STA. 1149+87.50			55.56
STA. 1149+87.50 TO STA. 1140+13.58		2,705.33	
(STA. EQN #1)			
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)			
STA. 0+00.00 TO STA. 50+00.00		13,888.89	
STA. 50+00.00 TO STA. 50+35.00		97.22	
STA. 50+35.00 TO STA. 52+65.00			638.89
STA. 52+65.00 TO STA. 53+00.00		97.22	
STA. 53+00.00 TO STA. 125+51.20		20,142.22	
STA. 125+51.20 TO STA. 127+93.50		969.20	
STA. 127+93.50 TO STA. 129+45.90		516.47	
STA. 129+45.90 TO STA. 142+44.00		3,605.83	
STA. 142+44.00 TO STA. 143+62.01		308.14	
(STA. EQN #2)			
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)			
STA. 130+24.57 TO STA. 136+22.00		1,559.96	
STA. 136+22.00 TO STA. 140+44.00		1,430.11	
STA. 140+44.00 TO STA. 140+64.00	55.56		
[W. Main St. - 51+60.09 LT (US 24)]			
(Measured Using CADD)			
STA. 10+14.49 TO STA. 10+95.62			474.08
STA. 10+95.62 TO STA. 11+10.62	53.33		
[Main St. - 125+00.09 LT (US 24)]			
(Measured Using CADD)			
STA. 10+13.21 TO STA. 10+78.74		330.13	
STA. 10+78.74 TO STA. 10+98.74	55.46		
INCIDENTAL HMA RESURFACING			
HMA ENTRANCES		213.42	
SIDE ROADS		538.33	
PROJECT TOTAL	972	45,651	1,113

TEMPORARY RAMP

LOCATION	QUANTITY (SQ YD)
F. A. P. 317 (US 24)	
STA. 1150+07.50 TO STA. 1150+02.50	13.89
STA. 140+59.00 TO STA. 140+64.00	13.89
[W. Main St. - 51+60.09 LT (US 24)]	
STA. 11+05.62 TO STA. 11+10.62	17.78
[Main St. - 125+00.09 LT (US 24)]	
STA. 10+93.74 TO STA. 10+98.74	12.78
PROJECT TOTAL	59

INCIDENTAL HOT-MIX ASPHALT SURFACING

LOCATION	QUANTITY (TON)
F. A. P. 317 (US 24)	
EXIST HMA ENTR	22.41
EXIST AGGR ENTR	299.79
SIDE ROADS	56.53
PROJECT TOTAL	379

HOT-MIX ASPHALT BASE COURSE WIDENING, 9"

LOCATION	QUANTITY (SQ YD)
F. A. P. 317 (US 24)	
STA. 142+44.00 TO STA. 143+62.01 LT	19.67
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
STA. 130+24.57 TO STA. 136+22.00 LT	99.57
PROJECT TOTAL	120

GUTTER REMOVAL

LOCATION	QUANTITY (FOOT)
F. A. P. 317 (US 24)	
STA. 142+44.00 TO STA. 143+62.01 LT	118.01
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
STA. 130+24.57 TO STA. 135+86.00 LT	561.43
PROJECT TOTAL	680

COMBINATION CURB AND GUTTER REMOVAL

LOCATION	QUANTITY (FOOT)
[Main St. - 125+00.09 LT (US 24)]	
(Measured Using CADD)	
STA. 10+14.50 TO STA. 10+80.00 LT	97.62
STA. 10+24.00 TO STA. 11+11.00 RT	78.13
PROJECT TOTAL	176

GUTTER OUTLET REMOVAL

LOCATION	QUANTITY (EACH)
F. A. P. 317 (US 24)	
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
STA. 135+86.00 TO STA. 136+54.80 LT	1
PROJECT TOTAL	1

SCHEDULE OF QUANTITIES

FRAMES AND LIDS TO BE ADJUSTED

LOCATION	QUANTITY (EACH)
[W. Main St. - 51+60.09 LT (US 24)]	
Sta. 10+76.30 , 16.1' LT	1
Sta. 11+09.00 , 16.5' RT	1
[Main St. - 125+00.09 LT (US 24)]	
Sta. 10+65.50 , 14.3' RT	1
Sta. 10+81.40 , 13.0' LT	1
PROJECT TOTAL	4

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LOCATION	QUANTITY (FOOT)
[Main St. - 125+00.09 LT (US 24)]	
(Measured Using CADD)	
STA. 10+14.50 TO STA. 10+80.00 LT	97.62
STA. 10+24.00 TO STA. 11+11.00 RT	78.13
PROJECT TOTAL	176

CONCRETE GUTTER, TYPE A

LOCATION	QUANTITY (FOOT)
F. A. P. 317 (US 24)	
STA. 142+50.00 TO STA. 143+62.01 LT	112.01
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
STA. 130+24.57 TO STA. 135+86.00 LT	561.43
PROJECT TOTAL	674

CLASS SI CONCRETE (OUTLET)

LOCATION	QUANTITY (CU YD)
F. A. P. 317 (US 24)	
(INLET)	
STA. 142+44.00 TO STA. 142+50.00 LT	0.93
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
(OUTLET)	
STA. 135+86.00 TO STA. 136+25.30 LT	3.53
(MATCH EXISTING LENGTH)	
STA. 136+25.30 TO STA. 136+54.80 LT	2.37
PROJECT TOTAL	7

AGGREGATE SHOULDERS, TYPE B

LOCATION	QUANTITY (TON)
F. A. P. 317 (US 24)	
STA. 1150+07.50 TO STA. 1140+13.58	75.46
(STA. EQN #1)	
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)	
STA. 0+00.00 TO STA. 50+87.60	386.28
STA. 50+87.60 TO STA. 52+47.20 RT	6.06
STA. 52+47.20 TO STA. 124+11.80	543.98
STA. 124+11.80 TO STA. 125+51.20 RT	5.29
STA. 125+51.20 TO STA. 142+44.00	128.53
STA. 142+44.00 TO STA. 143+62.01 RT	4.48
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
STA. 130+24.57 TO STA. 136+22.00 RT	22.68
STA. 136+22.00 TO STA. 140+64.00	33.56
[SUBTRACT]	
SIDE ROADS & ENTRANCES	-10.08
PROJECT TOTAL	1,197

HOT-MIX ASPHALT SHOULDERS, 2 1/4"

LOCATION	QUANTITY (SQ YD)
F. A. P. 317 (US 24)	
STA. 125+51.20 TO STA. 127+93.50	296.14
STA. 127+93.50 TO STA. 129+45.90	93.13
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
13622.00 TO 14064.00	270.11
PROJECT TOTAL	660

GUARDRAIL REMOVAL

LOCATION	QUANTITY (FOOT)
F. A. P. 317 (US 24)	
(STA. EQN #1)	
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)	
STA. 72+14.00 TO STA. 74+14.00 LT	200
STA. 72+78.00 TO STA. 74+78.00 RT	200
STA. 91+21.00 TO STA. 92+71.00 LT	150
STA. 91+21.00 TO STA. 92+71.00 RT	150
STA. 137+77.00 TO STA. 140+77.00 RT	300
STA. 138+08.00 TO STA. 140+58.00 LT	250
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
PROJECT TOTAL	1,250

SCHEDULE OF QUANTITIES

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

LOCATION	QUANTITY (EACH)
F. A. P. 317 (US 24)	
(STA. EQN #1)	
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)	
STA. 71+89.00 TO STA. 72+39.00 LT	1
STA. 72+28.00 TO STA. 72+78.00 RT	1
STA. 73+89.00 TO STA. 74+39.00 LT	1
STA. 74+53.00 TO STA. 75+03.00 RT	1
STA. 90+96.00 TO STA. 91+46.00 LT	1
STA. 90+96.00 TO STA. 91+46.00 RT	1
STA. 92+46.00 TO STA. 92+96.00 LT	1
STA. 92+46.00 TO STA. 92+96.00 RT	1
STA. 137+52.00 TO STA. 138+02.00 RT	1
STA. 137+83.00 TO STA. 138+33.00 LT	1
STA. 140+33.00 TO STA. 140+83.00 LT	1
STA. 140+52.00 TO STA. 141+02.00 RT	1
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
PROJECT TOTAL	12

GRADING EXISTING SHOULDER

LOCATION	QUANTITY (UNIT)
F. A. P. 317 (US 24)	
STA. 142+44.00 TO STA. 142+50.00 LT	0.06
STA. 142+50.00 TO STA. 143+62.01 LT	1.12
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
STA. 130+24.57 TO STA. 135+86.00 LT	5.61
STA. 135+86.00 TO STA. 136+25.30 LT	0.39
PROJECT TOTAL	7.2

GUARDRAIL MARKERS, TYPE B

LOCATION	QUANTITY (EACH)
F. A. P. 317 (US 24)	
(STA. EQN #1)	
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)	
STA. 71+89.00 TO STA. 74+39.00 LT	4
STA. 72+28.00 TO STA. 75+03.00 RT	5
STA. 90+96.00 TO STA. 92+96.00 LT	4
STA. 90+96.00 TO STA. 92+96.00 RT	4
STA. 137+52.00 TO STA. 141+02.00 RT	5
STA. 137+83.00 TO STA. 140+83.00 LT	5
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
PROJECT TOTAL	27

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

LOCATION	QUANTITY (FOOT)
F. A. P. 317 (US 24)	
(STA. EQN #1)	
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)	
STA. 72+39.00 TO STA. 73+89.00 LT	150
STA. 72+78.00 TO STA. 74+53.00 RT	175
STA. 91+46.00 TO STA. 92+46.00 LT	100
STA. 91+46.00 TO STA. 92+46.00 RT	100
STA. 138+02.00 TO STA. 140+52.00 RT	250
STA. 138+33.00 TO STA. 140+33.00 LT	200
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
PROJECT TOTAL	975

SCHEDULE OF QUANTITIES

PAINT PAVEMENT MARKING - LINE

TERMINAL MARKER - DIRECT APPLIED

LOCATION	QUANTITY (EACH)
F. A. P. 317 (US 24)	
(STA. EQN #1)	
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)	
STA. 71+89.00 LT	1
STA. 72+28.00 RT	1
STA. 74+39.00 LT	1
STA. 75+03.00 RT	1
STA. 90+96.00 LT	1
STA. 90+96.00 RT	1
STA. 92+96.00 LT	1
STA. 92+96.00 RT	1
STA. 137+52.00 RT	1
STA. 137+83.00 LT	1
STA. 140+83.00 LT	1
STA. 141+02.00 RT	1
(STA. EQN #2)	
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)	
PROJECT TOTAL	12

LOCATION	5"			
	YELLOW			WHITE
	DBL-SOLID (FOOT)	SOLID (FOOT)	SKIP-DASH (FOOT)	SOLID (FOOT)
F. A. P. 317 (US 24)				
STA. 1150+07.50 TO STA. 1140+13.58	-	-	-	1,987.84
STA. 1150+07.50 TO STA. 1145+00.00	-	507.50	126.88	-
STA. 1145+00.00 TO STA. 1140+13.58	972.84	-	-	-
(STA. EQN #1)				
STA. 1140+13.58 (BK) = STA. 0+00.00 (AH)				
STA. 0+00 TO STA. 4+00.00	-	400.00	-	-
STA. 0+00 TO STA. 8+50.00	-	-	212.50	-
STA. 0+00 TO STA. 143+62.01	-	-	-	28,724.02
STA. 5+50.00 TO STA. 8+50.00	-	300.00	-	-
STA. 8+50.00 TO STA. 18+40.00	1,980.00	-	-	-
STA. 18+40.00 TO STA. 29+50.00	-	1,110.00	-	-
STA. 30+00.00 TO STA. 45+50.00	-	1,550.00	-	-
STA. 18+40.00 TO STA. 81+50.00	-	-	1,577.50	-
STA. 74+80.00 TO STA. 81+50.00	-	670.00	-	-
STA. 81+50.00 TO STA. 88+00.00	1,300.00	-	-	-
STA. 88+00.00 TO STA. 93+80.00	-	580.00	-	-
STA. 88+00.00 TO STA. 143+62.01	-	-	1,390.50	-
STA. 132+50.00 TO STA. 143+62.01	-	1,112.01	-	-
(STA. EQN #2)				
STA. 143+62.01 (BK) = STA. 130+24.57 (AH)				
STA. 130+24.57 TO STA. 131+75.00	-	150.43	37.61	-
STA. 130+24.57 TO STA. 140+64.00	-	-	-	2,078.86
STA. 132+75.00 TO STA. 140+64.00	1,578.00	-	-	-
(W. MAIN ST. - STA. 51+60.09 LT @ Mainline)				
STA. 10+14.49 TO STA. 11+10.62	192.26	-	-	-
S. E. QUADRANT			(Measured Using CADD) 125.84	
S. W. QUADRANT			(Measured Using CADD) 97.20	
(MAIN ST. - STA. 125+00.09 LT @ Mainline)				
STA. 10+13.21 TO STA. 10+98.74	171.06	-	-	-
S. E. QUADRANT			(Measured Using CADD) 101.81	
S. W. QUADRANT			(Measured Using CADD) 97.91	
SUBTRACT				
(10 SIDE ROADS) (APPROX. 30' EA)				
-				
SUBTOTALS				
	6,194.16	6,379.94	3,344.99	32,913.48
PROJECT TOTAL				
	48,833			

FILE NAME =	USER NAME = coxjm	DESIGNED - JWC	REVISED -
ai\p\work\p\p\dot\coxjm\dms20567\sh\tsch		DRAWN - JWC	REVISED -
		CHECKED - RSC	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

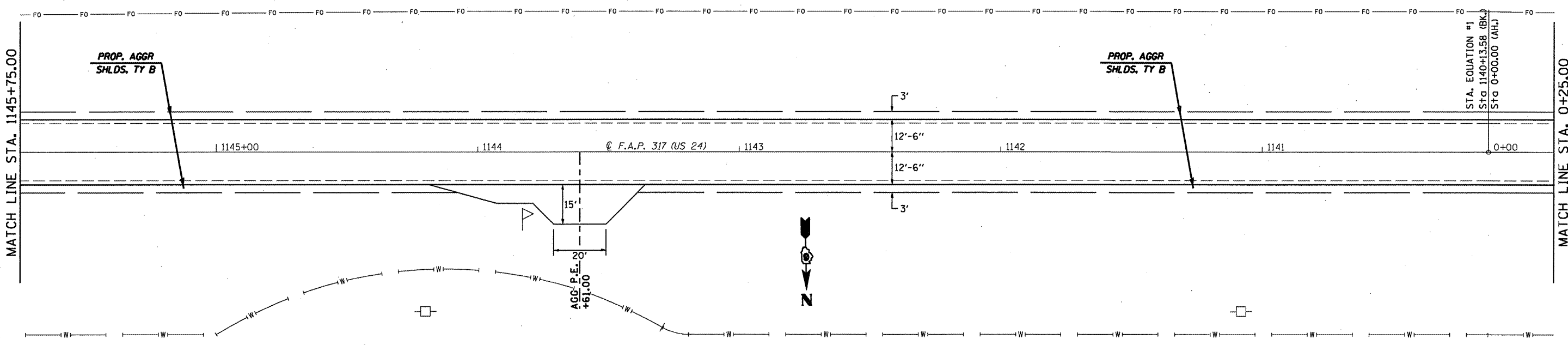
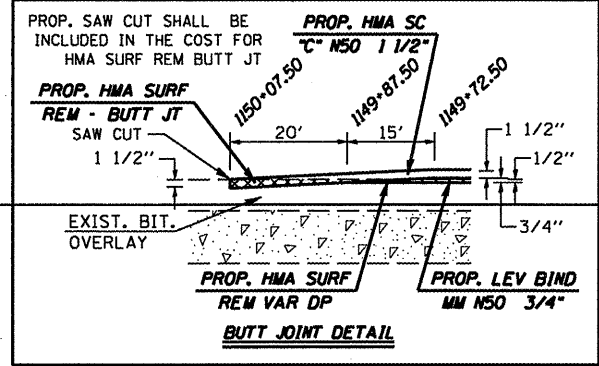
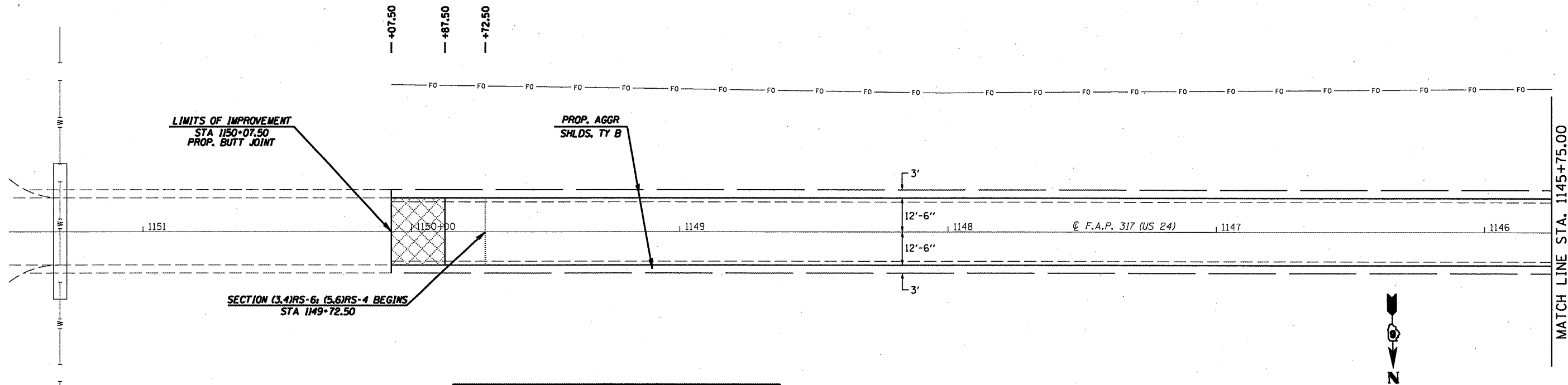
SCHEDULE OF QUANTITIES

SCALE: 50 SHEET NO. 4 OF 6 SHEETS STA. TO STA.

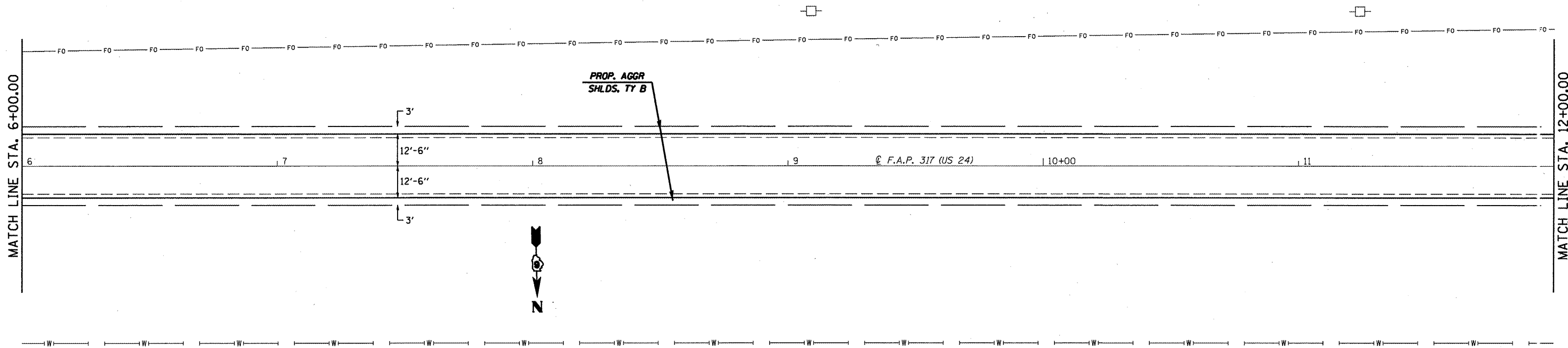
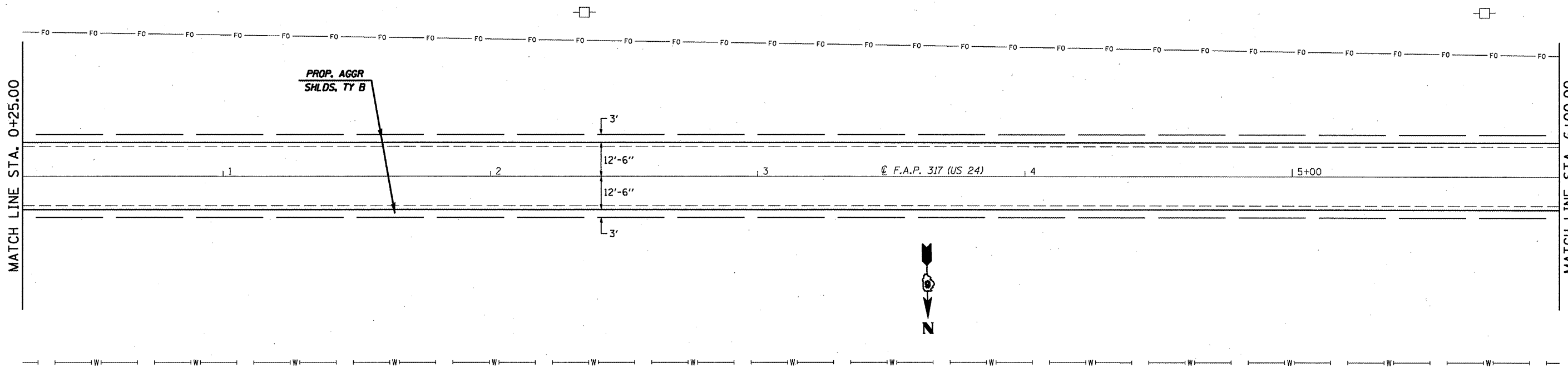
F.A.P. RTE. 317	SECTION (3,4)RS-6; (5,6)RS-4	COUNTY Adams	TOTAL SHEETS 30	SHEET NO. 11
CONTRACT N. 72845				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SCHEDULE OF QUANTITIES

PAVEMENT SCHEDULE												
LOCATION STATION TO STATION	LENGTH	PAVEMENT WIDTH	LEV BINDER THICKNESS	HMA SURF THICKNESS	HMA BASE CSE WIDE 9"	HMA SURF REMOVAL BUTT - JOINT	HMA SURF REMOVAL VAR DPTH	HMA SURF REMOVAL 2 1/4"	HMA CONC SURF CSE "C" N50	LEV BINDER (MM), N50	BIT MAT PRIME COAT	AGG PRIME CCAT
	FOOT	FOOT	INCH	INCH	SQ YD	SO YD	SO YD	SO YD	TON	TON	TON	TON
F. A. P. 317 (US 24)												
STA. 1150+07.50 TO STA. 1149+87.50	20.00	25	-	-	-	55.56	-	-	-	-	0.02	0.11
STA. 1150+07.50 TO STA. 1140+13.58	993.92	25	-	1.5	-	-	-	-	231.91	-	-	-
STA. 1149+87.50 TO STA. 1149+72.50	15.00	25	0 to 0.75	-	-	-	-	-	-	0.88	-	-
STA. 1149+87.50 TO STA. 1140+13.58	973.92	25	-	-	-	-	2,705.33	-	-	-	1.03	5.41
STA. 1149+72.50 TO STA. 1140+13.58 (STA. EQN. #1) 1140+13.58 (BK) = 0+00.00 (AH)	958.92	25	0.75	-	-	-	-	-	-	111.87	-	-
STA. 0+00 TO STA. 50+00.00	5,000.00	25	-	-	-	-	13,888.89	-	-	-	5.28	27.78
STA. 0+00 TO STA. 143+62.01	14,362.01	25	0.75	1.5	-	-	-	-	3,351.14	1,675.57	-	-
STA. 50+00.00 TO STA. 50+35.00	35.00	25	-	-	-	-	97.22	-	-	-	0.04	0.19
STA. 50+35.00 TO STA. 52+65.00	230.00	25	-	-	-	-	-	638.89	-	-	0.24	1.28
STA. 52+65.00 TO STA. 53+00.00	35.00	25	-	-	-	-	97.22	-	-	-	0.04	0.19
STA. 53+00.00 TO STA. 125+51.20	7,251.20	25	-	-	-	-	20,142.22	-	-	-	7.65	40.28
STA. 125+51.20 TO STA. 127+93.50	242.30	36	-	-	-	-	969.20	-	-	-	0.37	1.94
STA. 127+93.50 TO STA. 129+45.90	152.40	36 to 25	-	-	-	-	516.47	-	-	-	0.20	1.03
STA. 129+45.90 TO STA. 142+44.00	1,298.10	25	-	-	-	-	3,605.83	-	-	-	1.37	7.21
STA. 142+44.00 TO STA. 143+62.01	118.01	23.5	-	-	-	-	308.14	-	-	-	0.12	0.62
STA. 142+44.00 TO STA. 143+62.01 LT (STA. EQN. #2) 143+62.01 (BK) = 130+24.57 (AH)	118.01	1.5	-	-	-	19.67	-	-	-	-	0.01	0.04
STA. 130+24.57 TO STA. 136+22.00 LT	597.43	1.5	-	-	-	99.57	-	-	-	-	0.04	0.20
STA. 130+24.57 TO STA. 136+22.00	597.43	23.5	-	-	-	-	1,559.96	-	-	-	0.59	3.12
STA. 130+24.57 TO STA. 140+29.00	1,004.43	25	0.75	-	-	-	-	-	-	117.18	-	-
STA. 130+24.57 TO STA. 140+64.00	1,039.43	25	-	1.5	-	-	-	-	242.53	-	-	-
STA. 136+22.00 TO STA. 140+44.00	422.00	30.5	-	-	-	-	1,430.11	-	-	-	0.54	2.86
STA. 140+29.00 TO STA. 140+44.00	15.00	25	0.75 to 0	-	-	-	-	-	-	0.88	-	-
STA. 140+44.00 TO STA. 140+64.00	20.00	25	-	-	-	55.56	-	-	-	-	0.02	0.11
(W. MAIN ST. - STA. 51+60.09 LT)												
STA. 10+14.49 TO STA. 10+95.62	(Measured Using CADD)	-	0.75	1.5	-	-	-	474.08	39.82	19.91	0.18	0.95
STA. 10+95.62 TO STA. 11+10.62	15.00	32	0.75 to 0	1.5	-	53.33	-	-	4.48	1.12	0.02	0.11
(MAIN ST. - STA. 125+00.09 LT)												
STA. 10+13.21 TO STA. 10+63.74	(Measured Using CADD)	-	0.75	1.5	-	-	277.32	-	23.29	11.65	0.11	0.55
STA. 10+63.74 TO STA. 10+78.74	(Measured Using CADD)	-	0.75 to 0	1.5	-	-	52.81	-	4.44	1.11	0.02	0.11
STA. 10+78.74 TO STA. 10+98.74	(Measured Using CADD)	-	-	1.5	-	55.46	-	-	4.66	-	0.02	0.11
INCIDENTAL HMA SURF. (BIT. ENTR.)	-	-	-	-	-	-	-	-	-	-	-	-
(AGGR. ENTR.)	-	-	-	-	-	213.42	-	-	-	-	0.08	0.43
(SIDE ROADS)	-	-	-	-	-	538.33	-	-	-	-	0.20	1.08
					120	972	45,651	1,113	3,903	1,940	21	98



FILE NAME =	USER NAME = cabrerers	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE. 317	SECTION (3,4)RS-6; (5,6)RS-4	COUNTY Adams	TOTAL SHEETS 30	SHEET NO. 14
ci:\pw\work\p\dot\cabrerers\dms20567\shp1en301.dgn	PLOT SCALE = 42.0000' / IN.	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 1 OF 14 SHEETS	STA. 1151+50.00 TO STA. 0+25.00	CONTRACT NO. 72845				
	PLOT DATE = Apr-09-2009 12:53:12PM	CHECKED - RSC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

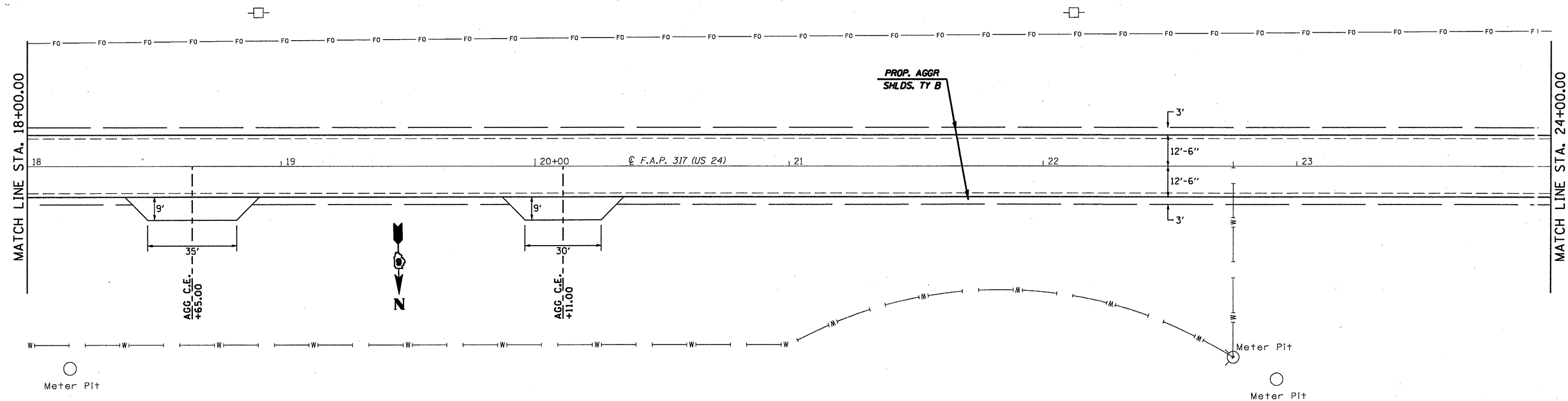
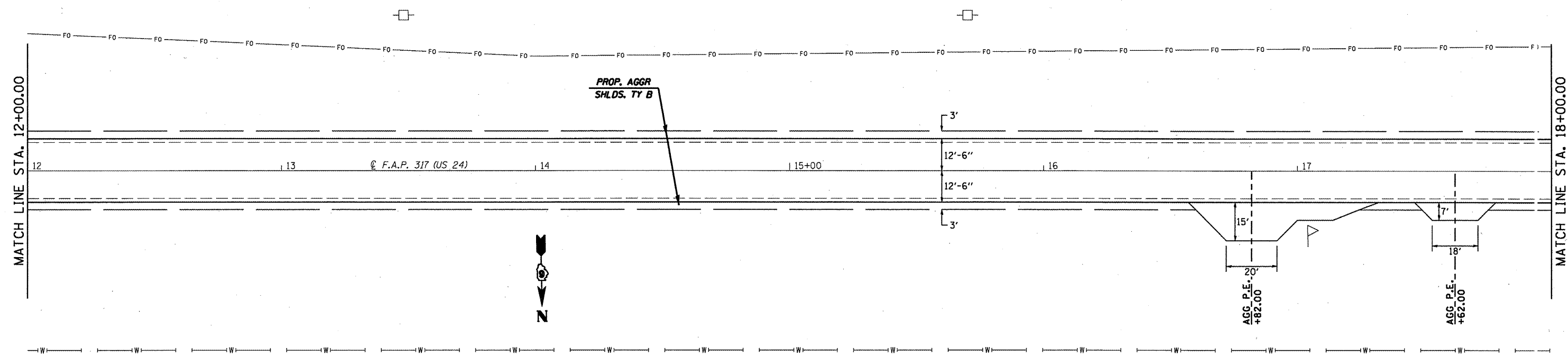


FILE NAME =	USER NAME = cembrers	DESIGNED - RSC	REVISED -
ct:\pwork\pwork\cembrers\dms20567\ahplan301.dgn		DRAWN - JWC	REVISED -
		CHECKED - RSC	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 20	SHEET NO. 2 OF 14 SHEETS	STA. 0+25.00	TO STA. 12+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(3,4)RS-6; (5,6)RS-4	Adams	30	15
CONTRACT NO. 72845			[ILLINOIS] FED. AID PROJECT	



FILE NAME =
 c:\pwork\pwork\cabrerers\dms20567\shplan301.dgn

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 PLOT DATE = Apr-09-2009 12:53:13PM

DESIGNED - RSC
 DRAWN - JWC
 CHECKED - RSC
 DATE -

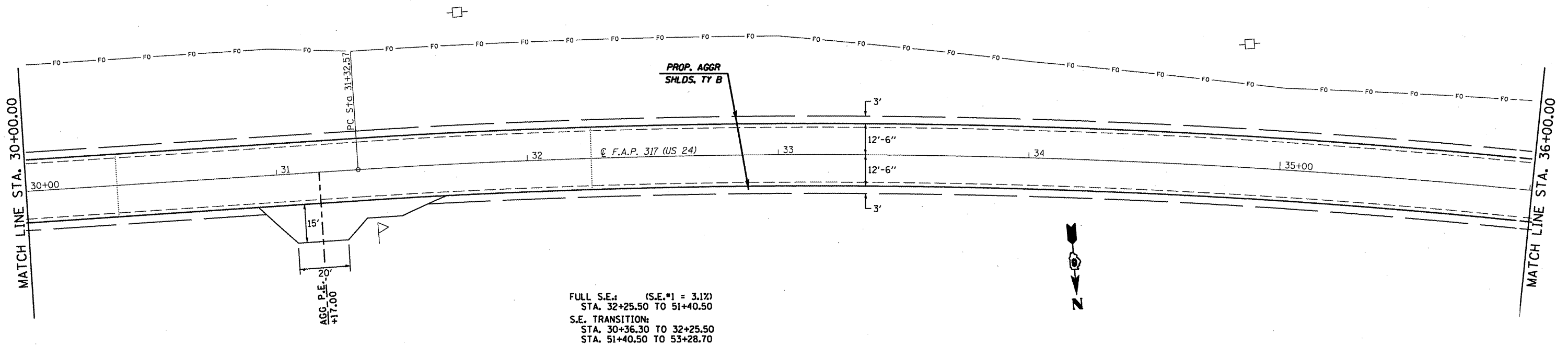
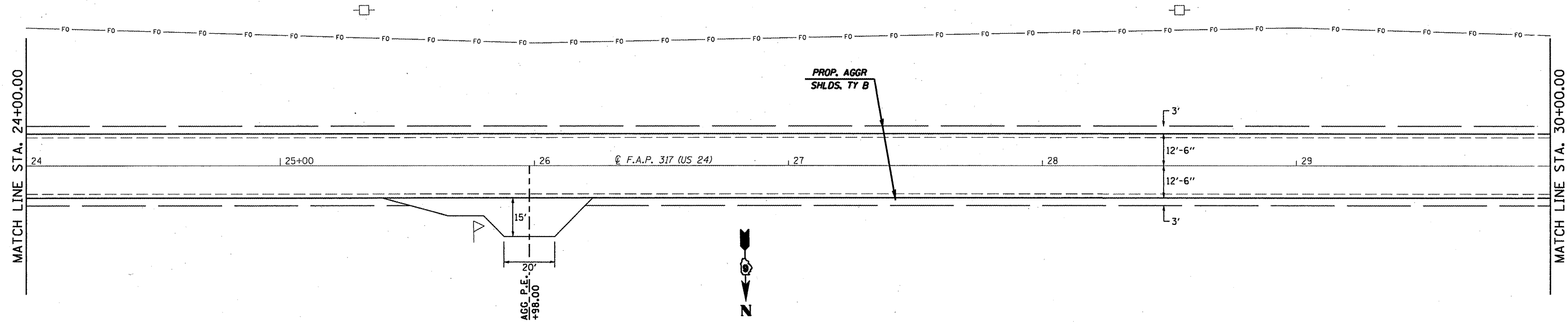
REVISED -
 REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET NO. 3 OF 14 SHEETS STA. 12+00.00 TO STA. 24+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(3,4)RS-6; (5,6)RS-4	Adams	30	16
CONTRACT NO. 72845				
ILLINOIS FED. AID PROJECT				



FULL S.E.: (S.E.*1 = 3.1%)
 STA. 32+25.50 TO 51+40.50
 S.E. TRANSITION:
 STA. 30+36.30 TO 32+25.50
 STA. 51+40.50 TO 53+28.70

FILE NAME =
 c:\pwork\pwork\cebrerers\dms20567\shplan301.dgn

USER NAME = cebrerers
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 PLOT DATE = Apr-09-2009 12:53:13PM

DESIGNED - RSC
 DRAWN - JWC
 CHECKED - RSC
 DATE -

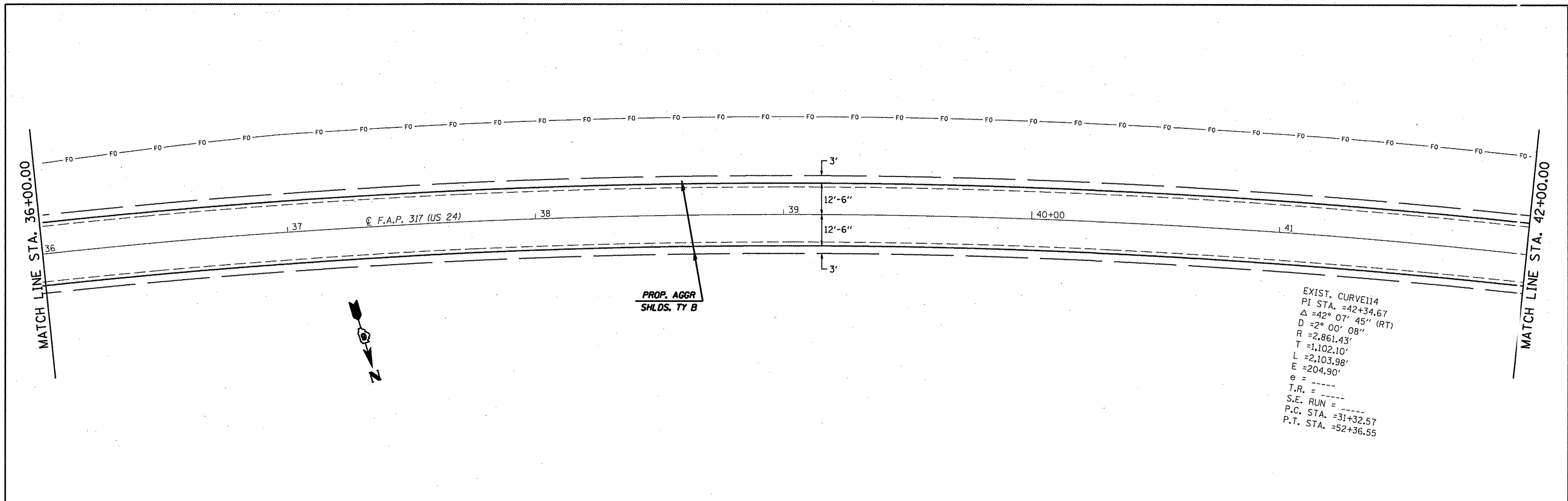
REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

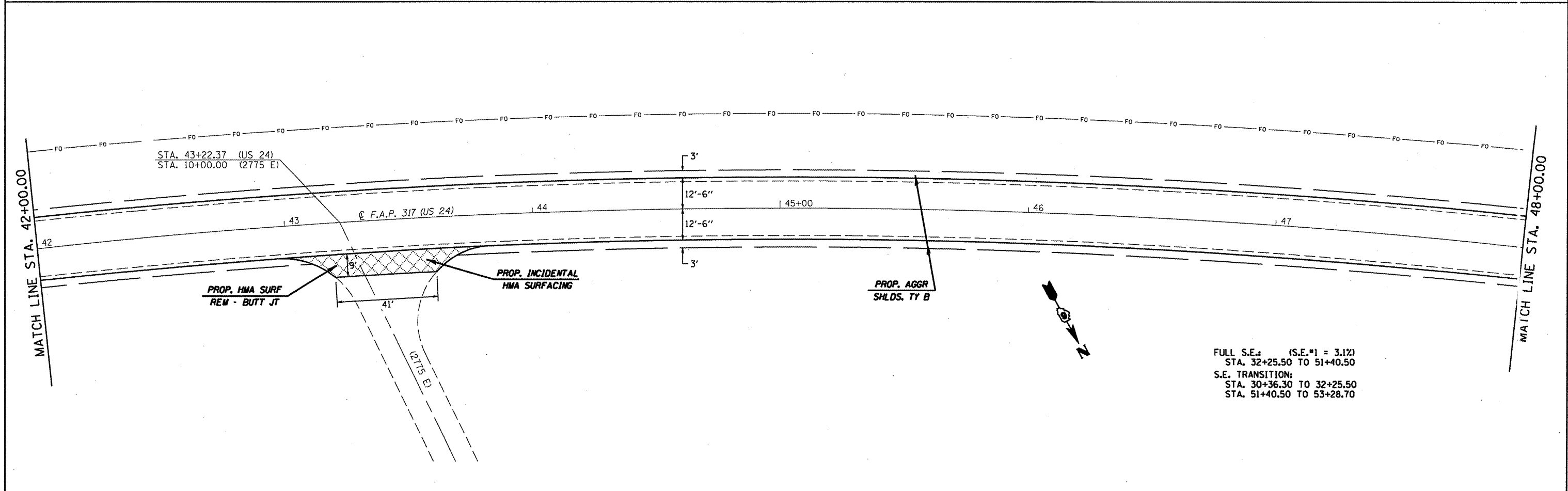
PLAN SHEETS

SCALE: 20 SHEET NO. 4 OF 14 SHEETS STA. 24+00.00 TO STA. 36+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(3,4)RS-6; (5,6)RS-4	Adams	30	17
CONTRACT N.J. 72845				
ILLINOIS FED. AID PROJECT				

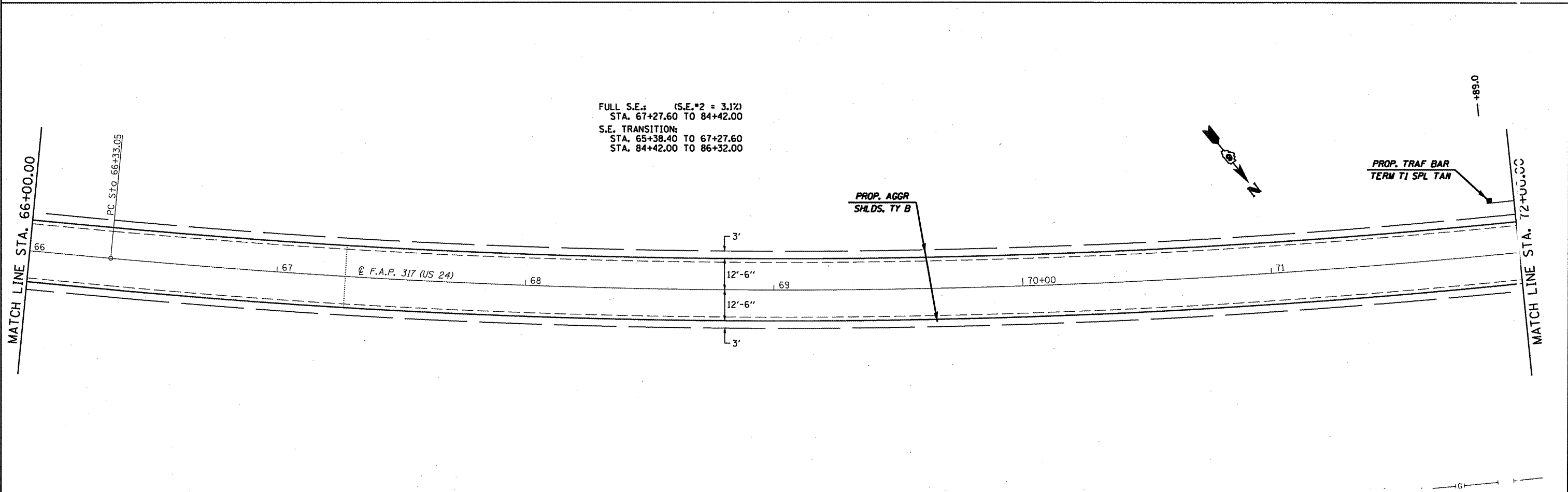
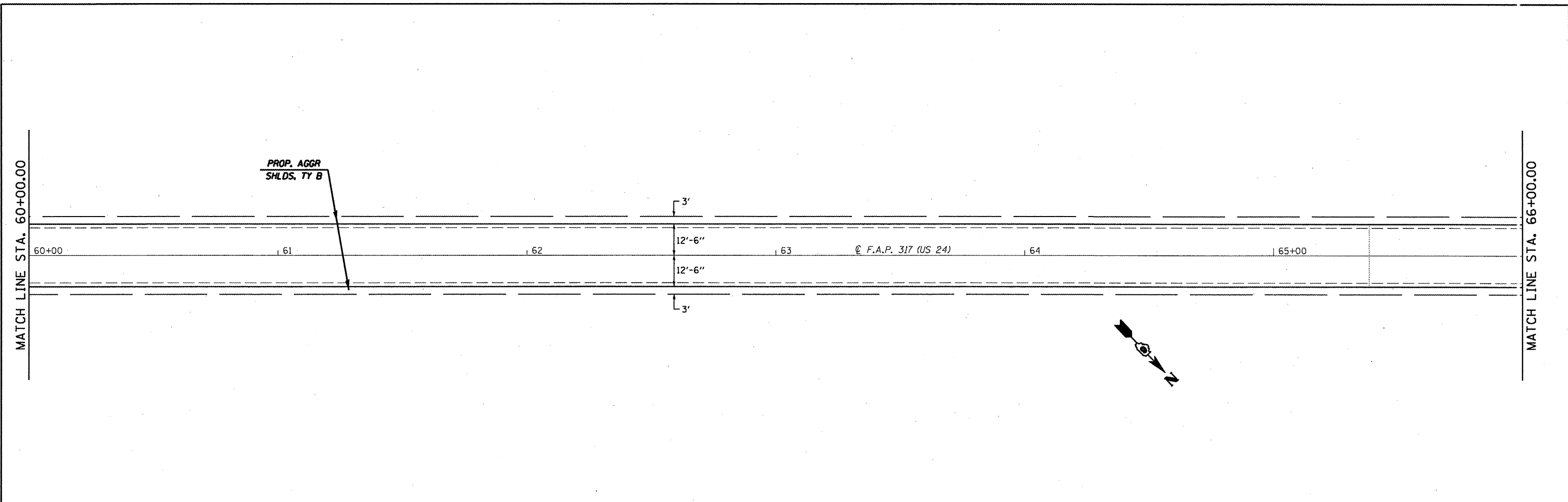


EXIST. CURVE114
 PI STA. =42+34.67
 Δ =42° 07' 45" (RT)
 D =2° 00' 08"
 R =2,861.43'
 T =1,102.10'
 L =2,103.98'
 E =204.90'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. =31+32.57
 P.T. STA. =52+36.55



FULL S.E.: (S.E.#1 = 3.1%)
 STA. 32+25.50 TO 51+40.50
 S.E. TRANSITION:
 STA. 30+36.30 TO 32+25.50
 STA. 51+40.50 TO 53+28.70

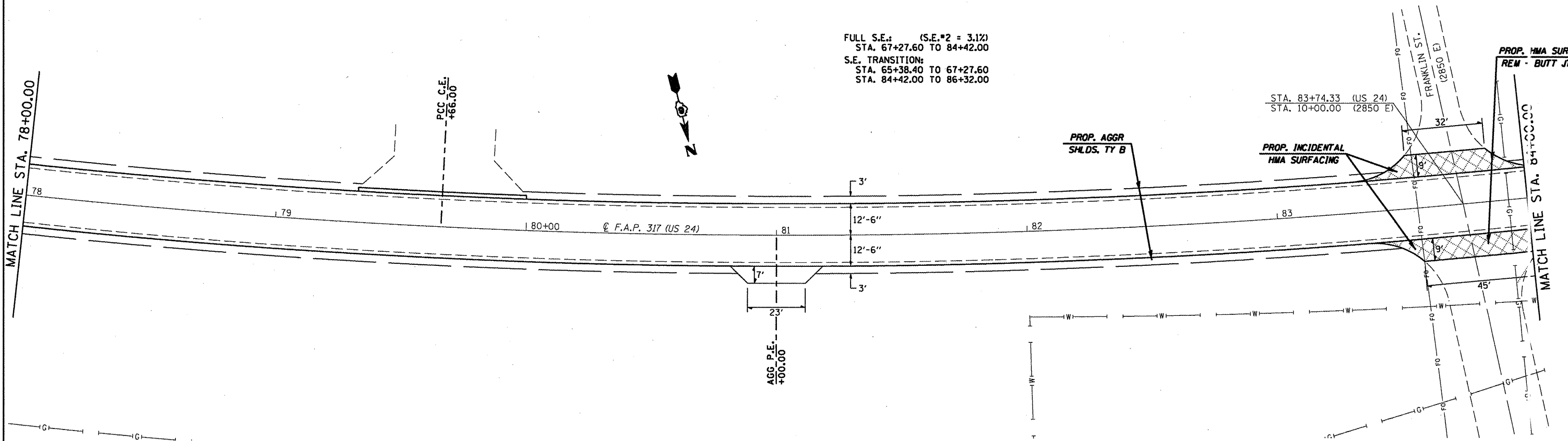
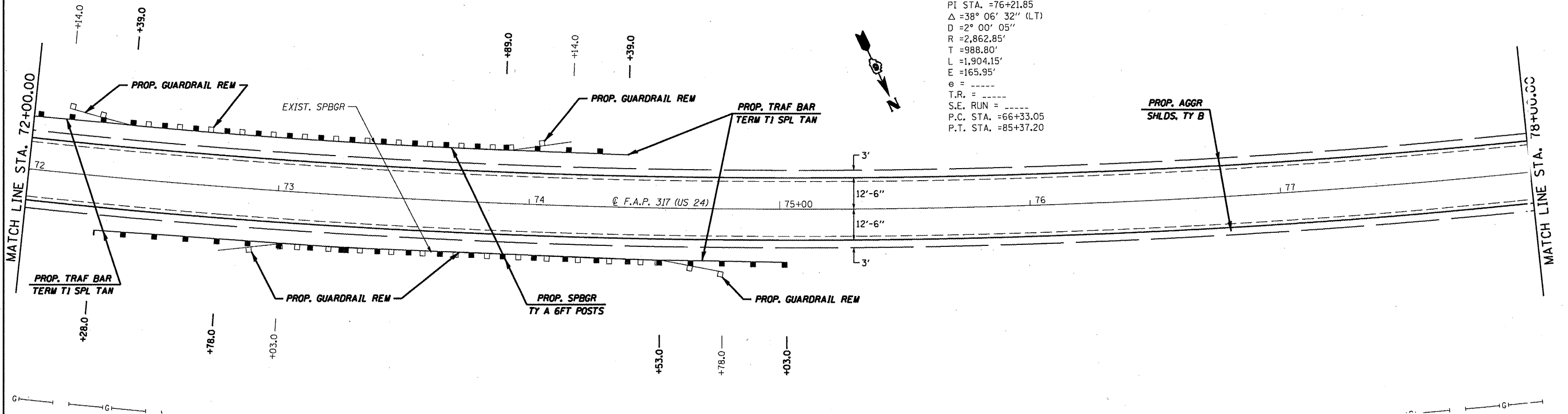
FILE NAME =	USER NAME = cbrbrars	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS		F.A.P. RTE. 317	SECTION (3,4)RS-6; (5,6)RS-4	COUNTY Adams	TOTAL SHEETS 0	SHEET NO. 18	
ct:\pwork\p\dot\cbrbrars\dms20567\shplan301.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 5 OF 14 SHEETS	STA. 36+00.00 TO STA. 48+00.00	CONTRACT NO. 72845		ILLINOIS FED. AID PROJECT		
	PLOT DATE = Apr-09-2009 12:53:14PM	CHECKED - RSC	REVISED -									
		DATE -	REVISED -									



FILE NAME =	USER NAME = cabrerars	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\p\work\p\dot\cabrerars\dms20567\sh	plan301.dgn	DRAWN - JWC	REVISED -		317	(3,4)RS-6; (5,6)RS-4	Adams	10	20			
	PLOT SCALE = 40.0000 "/td> <td>CHECKED - RSC</td> <td>REVISED -</td> <td colspan="3" style="text-align: center;">CONTRACT N. 72845</td> <td colspan="2" style="text-align: center;">ILLINOIS FED. AID PROJECT</td>	CHECKED - RSC	REVISED -		CONTRACT N. 72845			ILLINOIS FED. AID PROJECT				
	PLOT DATE = Apr-09-2009 12:53:19PM	DATE -	REVISED -		SCALE: 20	SHEET NO. 7 OF 14 SHEETS	STA. 60+00.00 TO STA. 72+00.00					

EXIST. CURVE107
 PI STA. =76+21.85
 Δ =38° 06' 32" (LT)
 D =2° 00' 05"
 R =2,862.85'
 T =988.80'
 L =1,904.15'
 E =165.95'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. =66+33.05
 P.T. STA. =85+37.20

FULL S.E.: (S.E.#2 = 3.1%)
 STA. 67+27.60 TO 84+42.00
 S.E. TRANSITION:
 STA. 65+38.40 TO 67+27.60
 STA. 84+42.00 TO 86+32.00



FILE NAME =
 os:\p\work\p\dot\cebrerers\dms20567\sh

USER NAME = cebrerers
 plan381.dgn
 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = Apr-09-2009 12:53:16PM

DESIGNED - RSC	REVISED -
DRAWN - JWC	REVISED -
CHECKED - RSC	REVISED -
DATE -	REVISED -

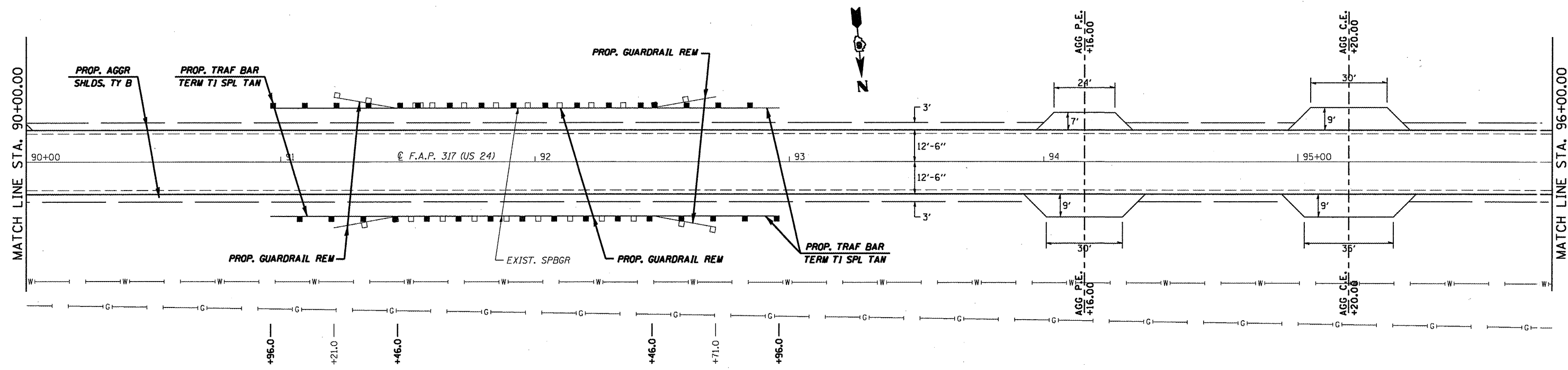
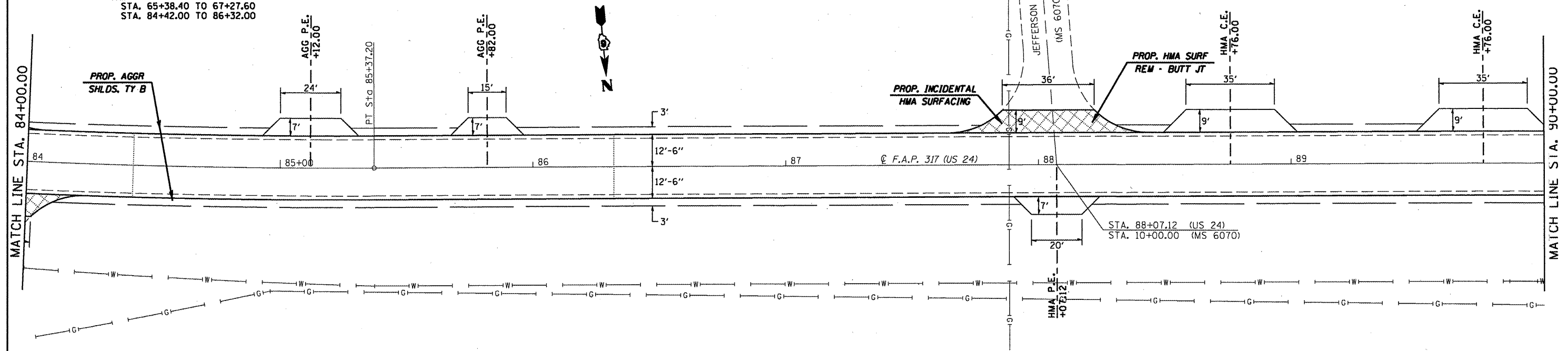
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

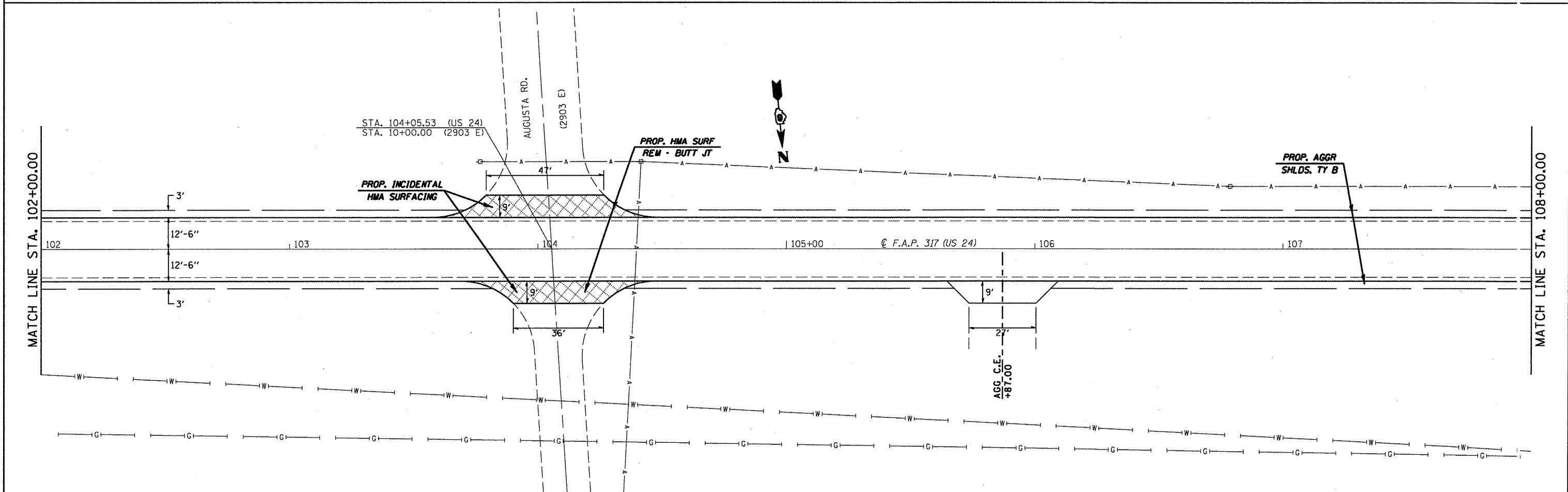
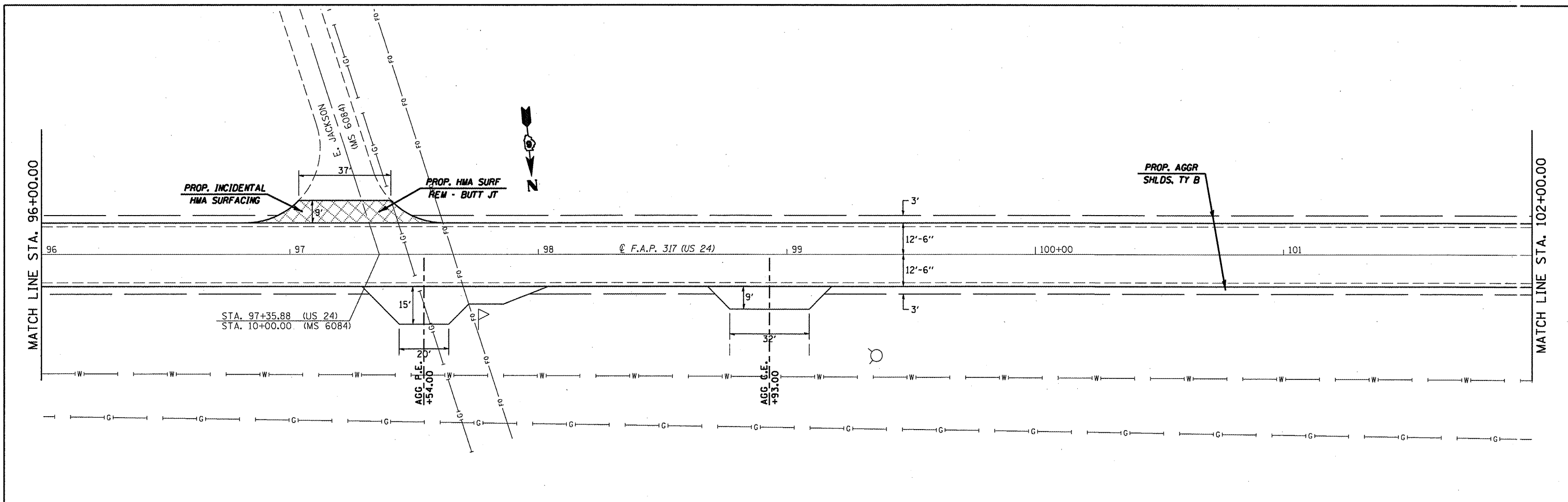
SCALE: 20 SHEET NO. 8 OF 14 SHEETS STA. 72+00.00 TO STA. 84+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(3,4)RS-6; (5,6)RS-4	Adams	30	21
CONTRACT NO. 72845			ILLINOIS FED. AID PROJECT	

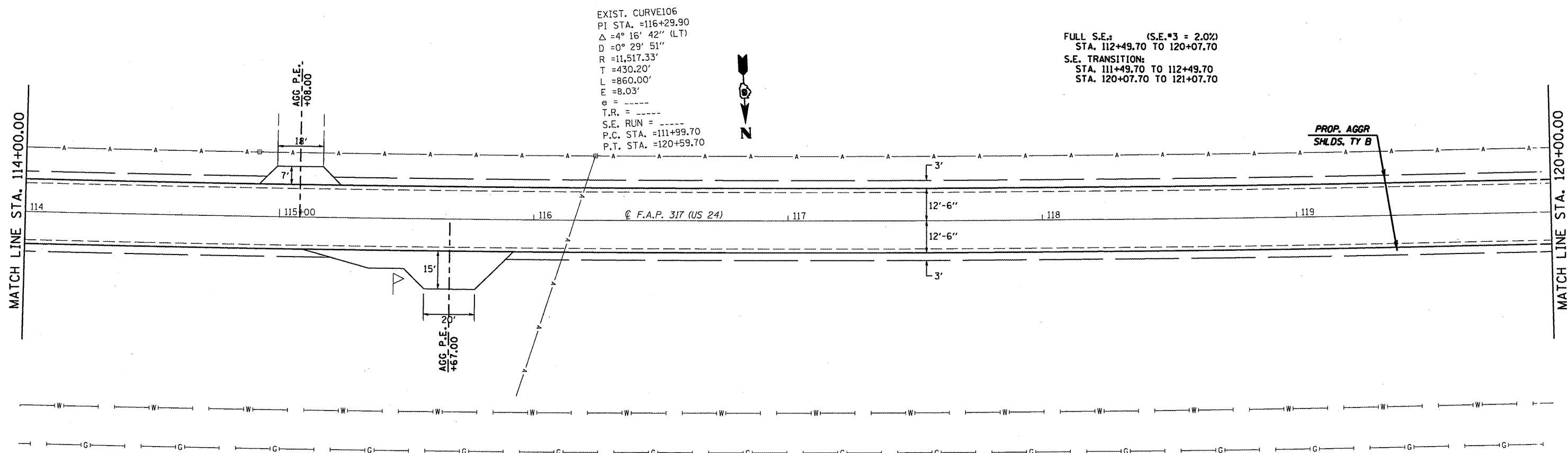
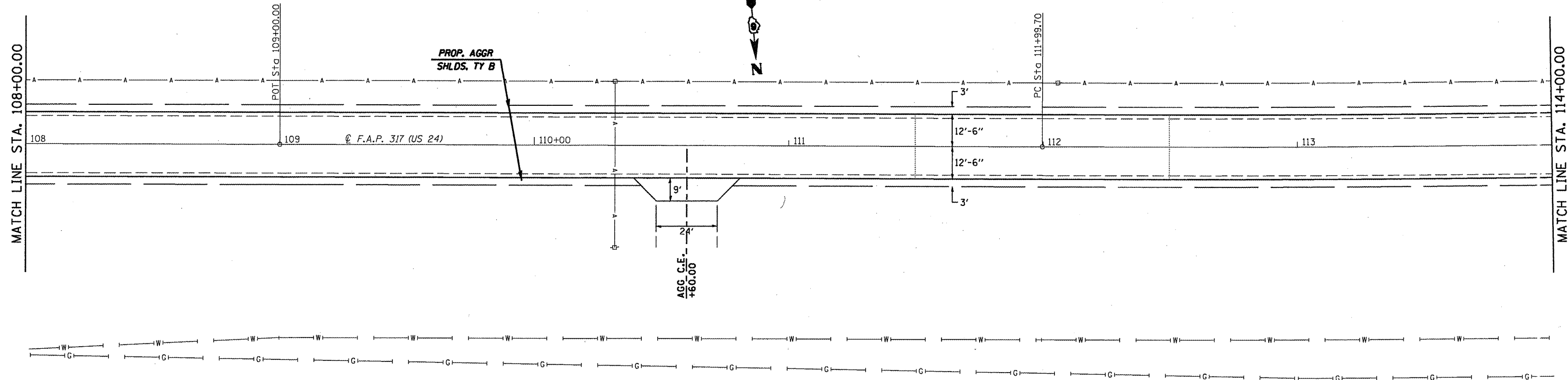
FULL S.E. (S.E.#2 = 3.1%)
 STA. 67+27.60 TO 84+42.00
 S.E. TRANSITION:
 STA. 65+38.40 TO 67+27.60
 STA. 84+42.00 TO 86+32.00



FILE NAME =	USER NAME = cabrerers	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
at\work\p\idot\cabrerers\dms20567\sh	plan301.dgn	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 9 OF 14 SHEETS	STA. 84+00.00 TO STA. 96+00.00	317	(3,4)RS-6; (5,6)RS-4	Adams	30	22	
	PLOT SCALE = 48.0000" / IN.	CHECKED - RSC	REVISED -										
	PLOT DATE = Apr-09-2009 12:53:16PM	DATE -	REVISED -										
CONTRACT N. 72845													
ILLINOIS FED. AID PROJECT													



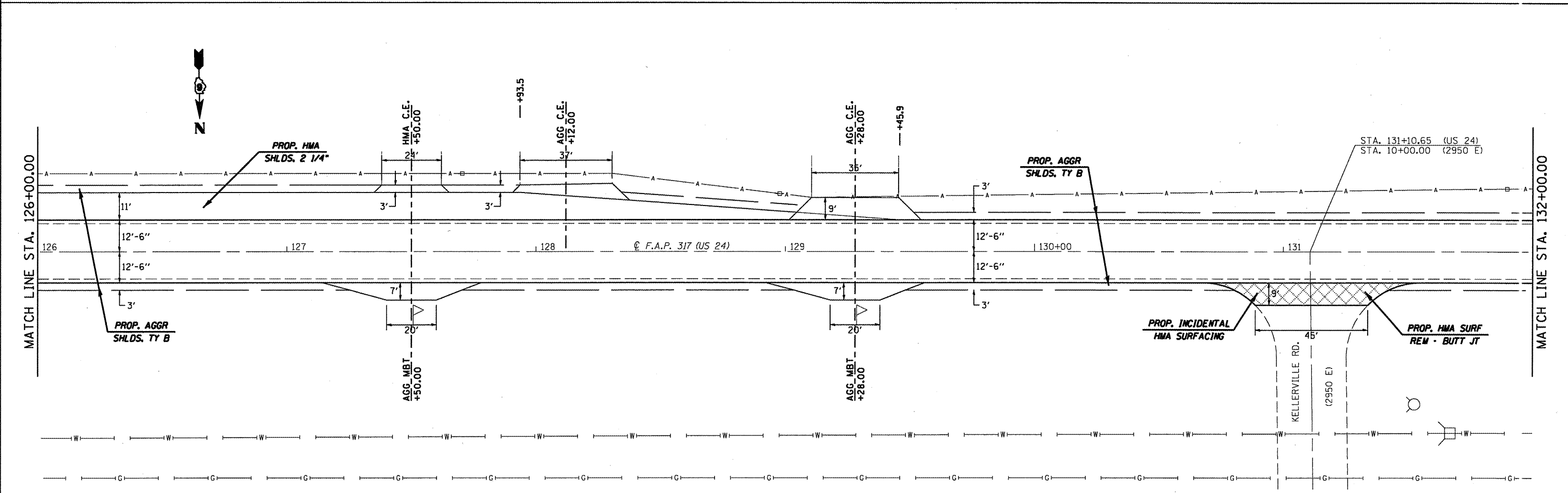
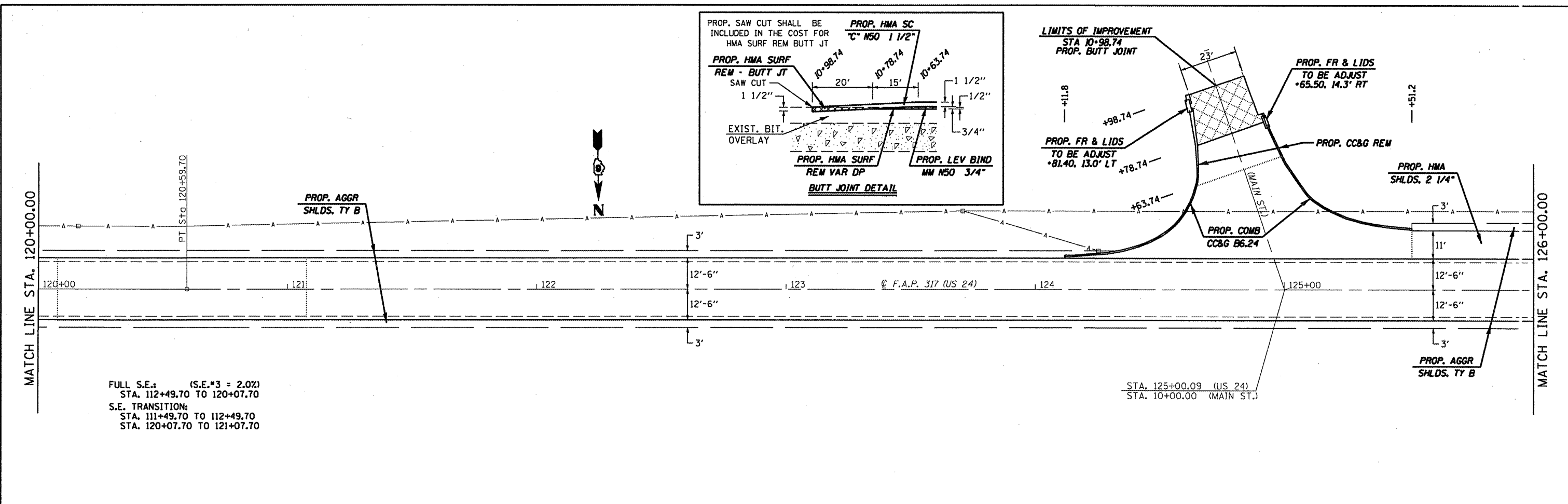
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	PLOT SCALE = 40.0000' / IN.	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 10 OF 14 SHEETS	STA. 96+00.00 TO STA. 108+00.00	317	(3,4)RS-6r (5,6)RS-4	Adams	10	23
	PLOT DATE = Apr-09-2009 12:53:17PM	CHECKED - RSC	REVISED -					CONTRACT N. 72845		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									



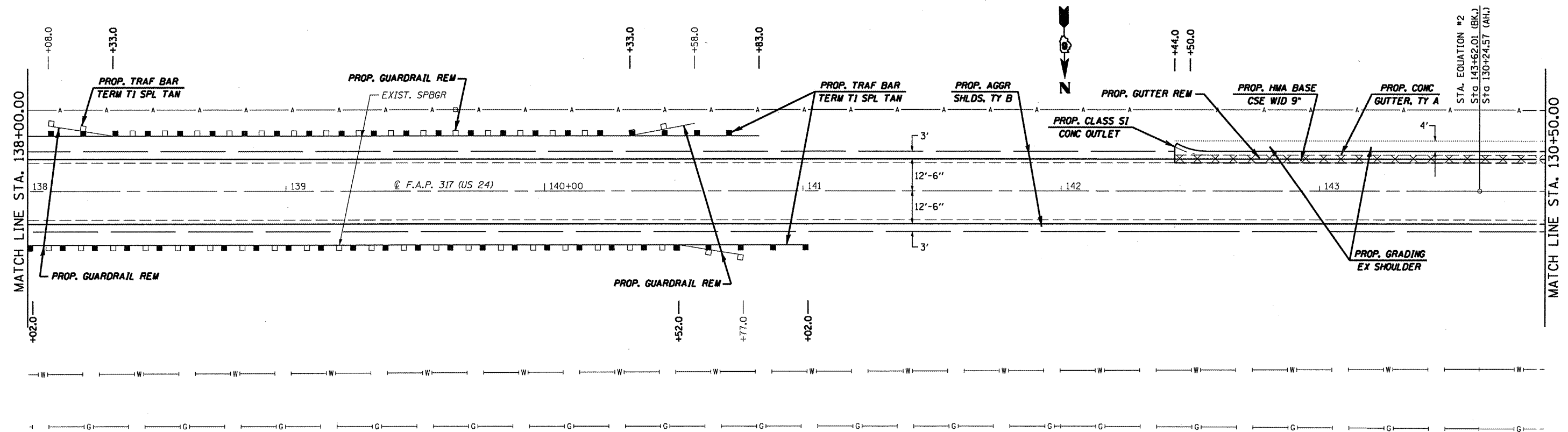
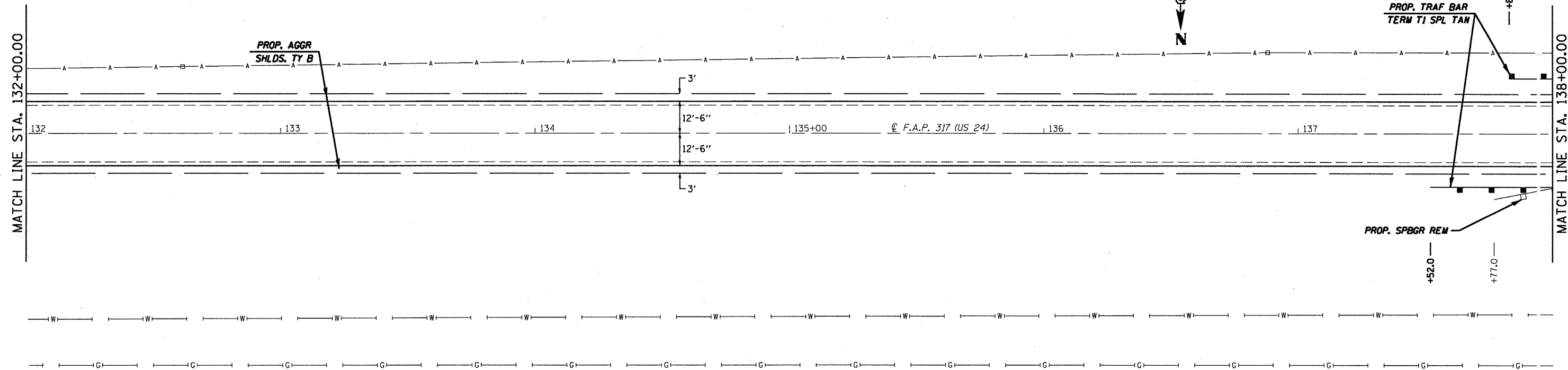
EXIST. CURVE106
 PI STA. =116+29.90
 $\Delta = 4^\circ 16' 42''$ (LT)
 $D = 0^\circ 29' 51''$
 $R = 11,517.33'$
 $T = 430.20'$
 $L = 860.00'$
 $E = 8.03'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 111+99.70$
 $P.T. STA. = 120+59.70$

FULL S.E.: (S.E.#3 = 2.0%)
 STA. 112+49.70 TO 120+07.70
 S.E. TRANSITION:
 STA. 111+49.70 TO 112+49.70
 STA. 120+07.70 TO 121+07.70

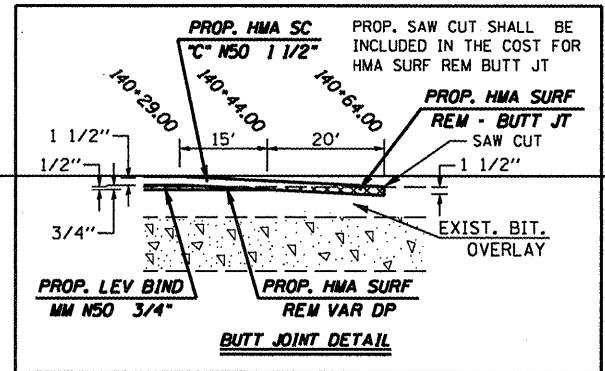
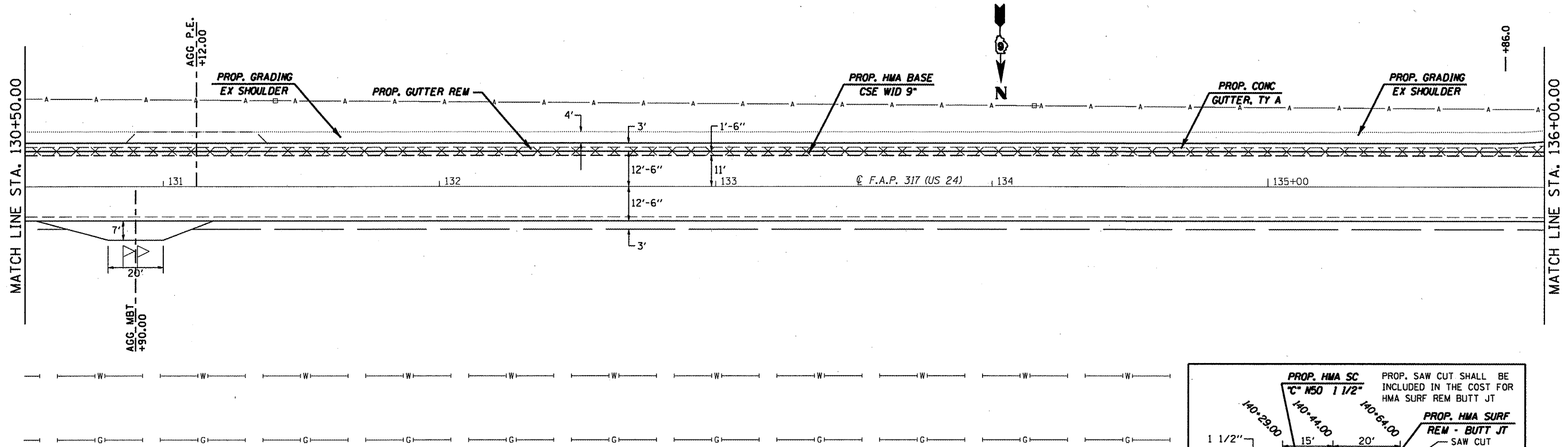
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	PLOT SCALE = 40.0000' / IN.	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 11 OF 14 SHEETS	STA. 108+00.00 TO STA. 120+00.00	CONTRACT NO. 72845					
	PLOT DATE = Apr-09-2009 12:53:18PM	CHECKED - RSC	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										



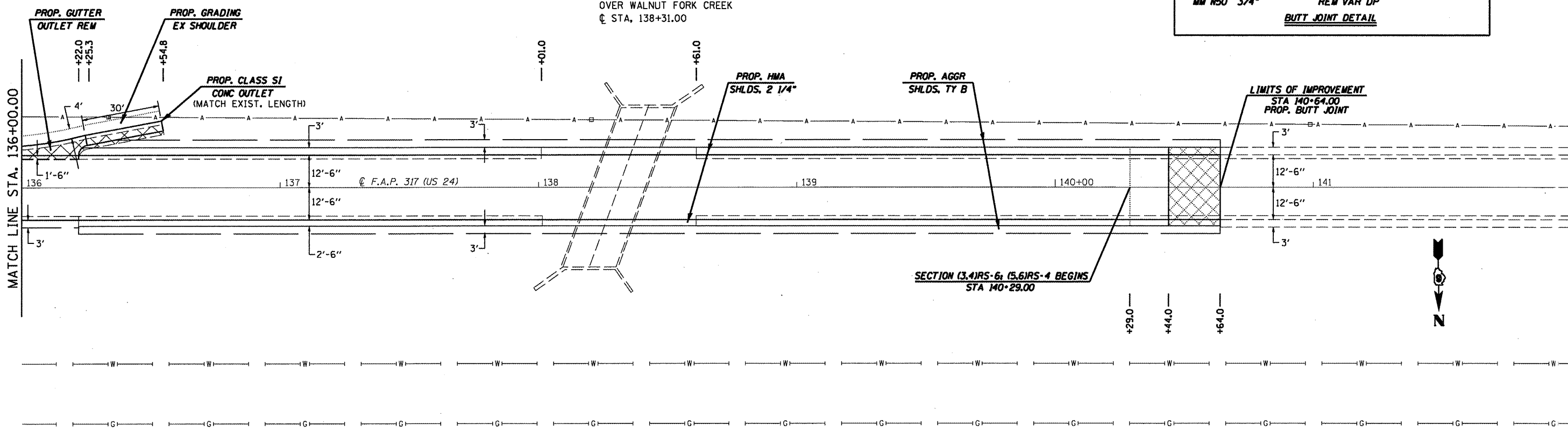
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CONTRACT NO. =	PLOT SCALE = 40,0000 1/ IN.	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 12 OF 14 SHEETS	STA. 120+00.00 TO STA. 132+00.00	CONTRACT NO. 72845				
	PLOT DATE = Apr-09-2009 12:53:18PM	CHECKED - RSC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



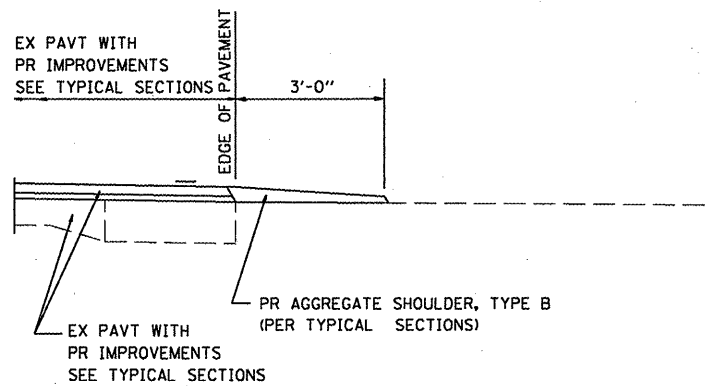
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	PLAN SCALE = 40,0000' / IN.	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 13 OF 14 SHEETS	STA. 132+00.00 TO STA. 143+62.01	CONTRACT N), 72845					
	PLOT DATE = Apr-09-2009 12:53:19PM	CHECKED - RSC	REVISED -		[ILLINOIS] FED. AID PROJECT								
		DATE -	REVISED -										



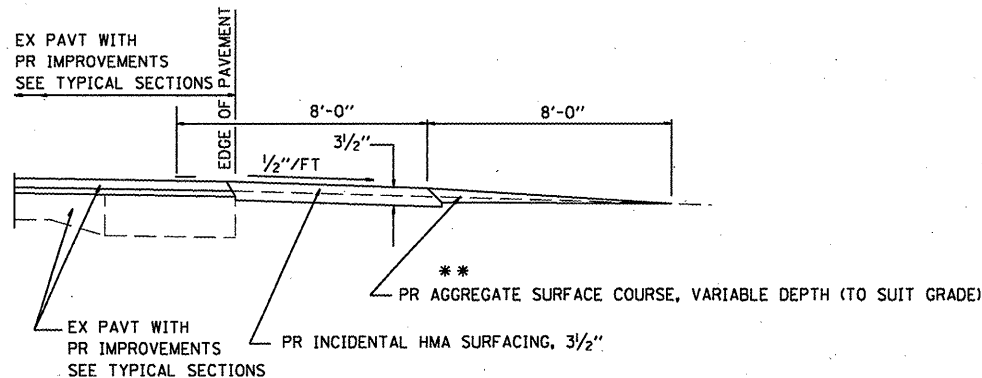
SN: 001-2015 (EX)
 DBL 10'x7.5' RCBC
 OVER WALNUT FORK CREEK
 @ STA. 138+31.00



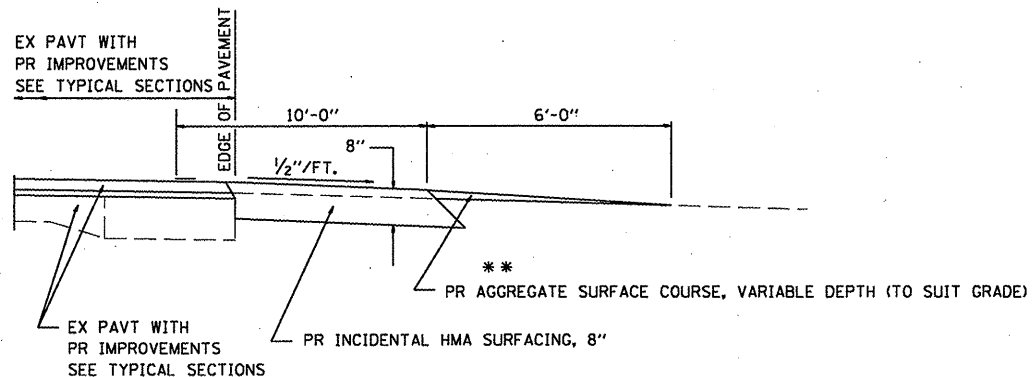
FILE NAME =	USER NAME = cabrerers	DESIGNED - RSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE. 317	SECTION (3,4)RS-6; (5,6)RS-4	COUNTY Adams	TOTAL SHEETS 30	SHEET NO. 27
ct:\pw\work\p1\dot\cabrerers\dms20567\sh	plten301.dgn	DRAWN - JWC	REVISED -		SCALE: 20	SHEET NO. 14 OF 14 SHEETS	STA. 130+50.00 TO STA. 142+00.00	CONTRACT NO. 72845				
	PLOT SCALE = 40,0000' / IN.	CHECKED - RSC	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = Apr-09-2009 12:53:19PM	DATE -	REVISED -									



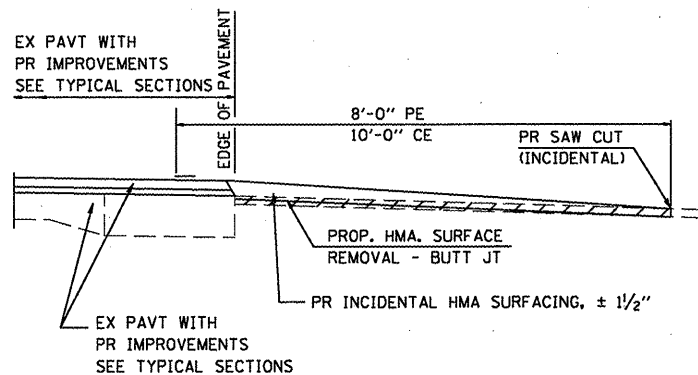
SECTION A-A FOR EX EARTH/ AGGREGATE FE



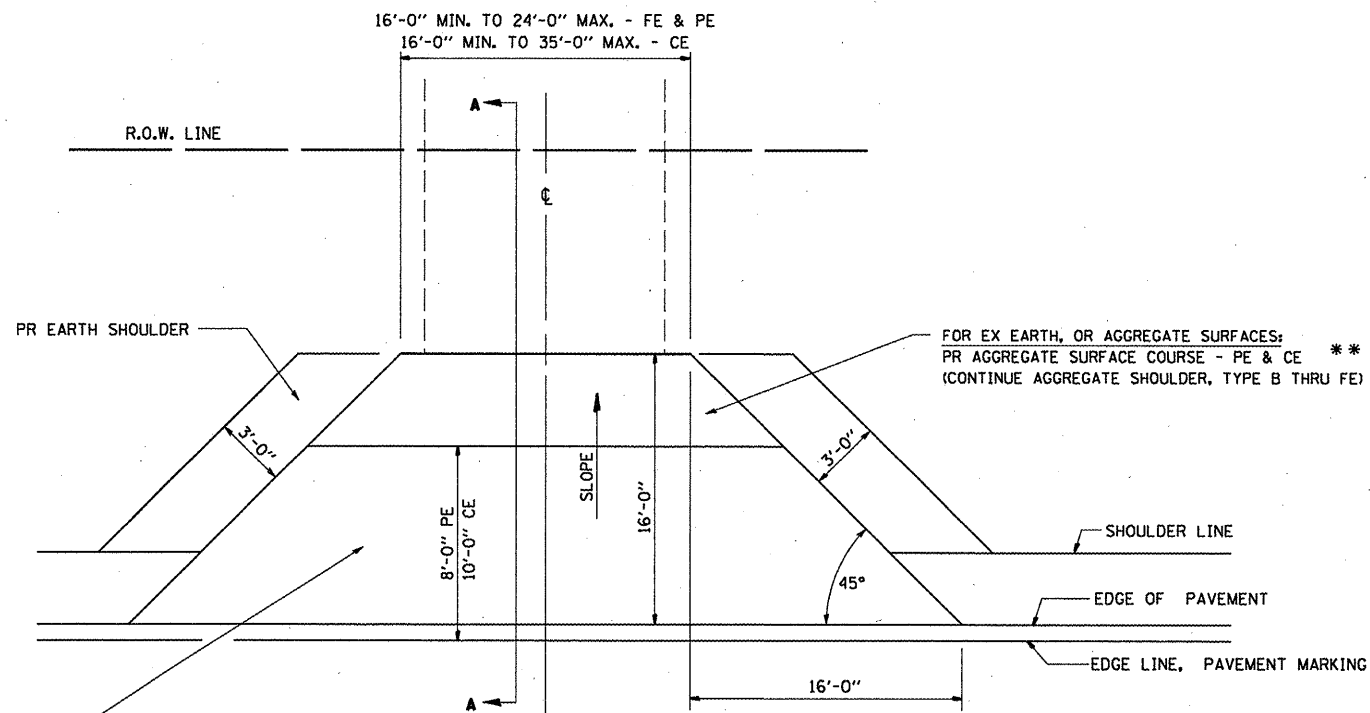
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL BUTT JT (IF APPLICABLE)
 PR AGGREGATE SHOULDER, TYPE B THRU - FE
 PR INCIDENTAL HMA SURFACING, 3/2" - PE
 PR INCIDENTAL HMA SURFACING, 8" - CE
 FOR HOT-MIX ASPHALT OR P.C. CONCRETE SURFACES:
 PR HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

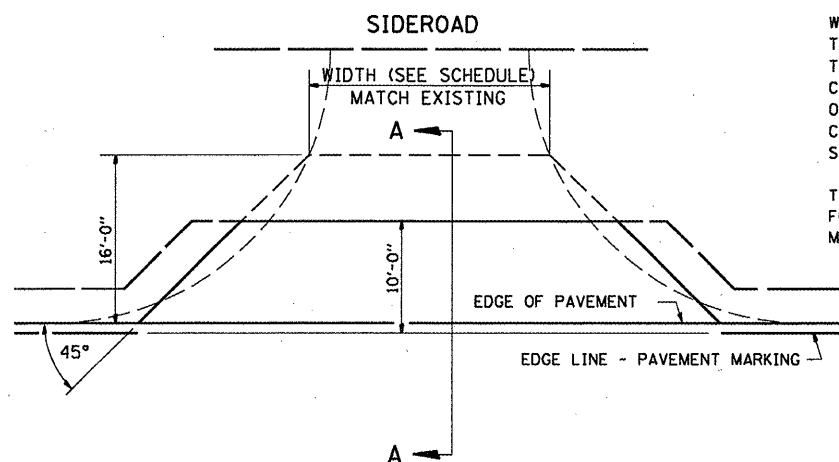
HOT-MIX ASPHALT CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, CLASS 1, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

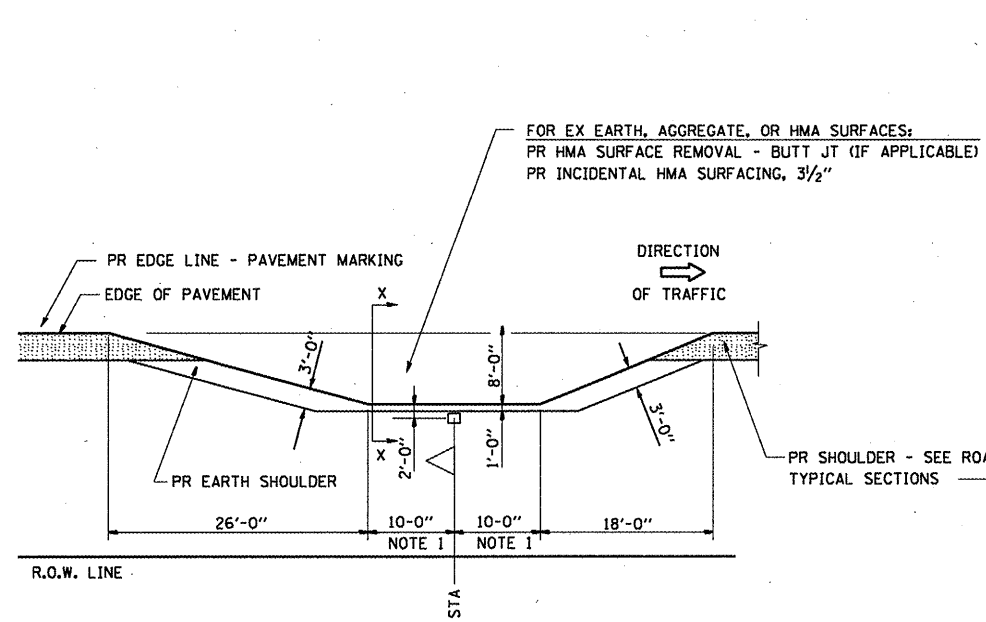
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

** AGGREGATE SURFACE COURSE TO BE USED FOR PE's & CE's SHALL BE INCLUDED IN THE COST FOR AGGREGATE SHOULDERS, TYPE B.

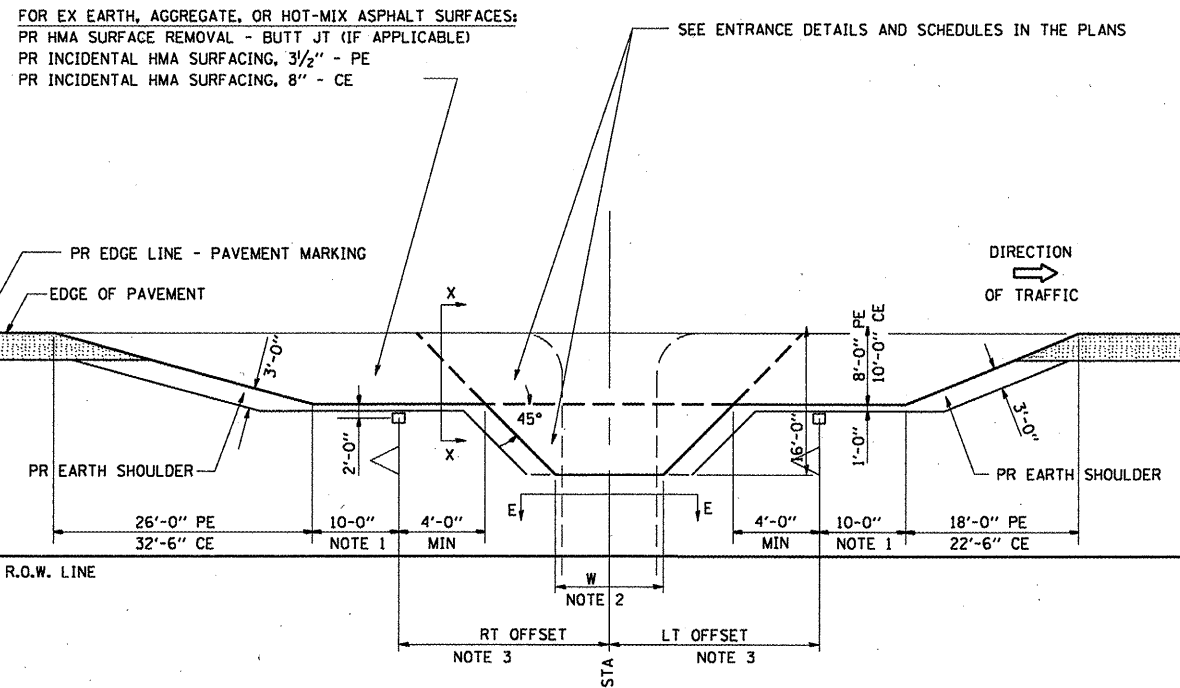


FILE NAME =	USER NAME = coxjm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR RURAL ENTRANCE, MAILBOX TURNOUT & SIDE ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pwork\pwork\coxjm\dms20567\shdtdt11.sldgn		DRAWN -	REVISED -		317	(3,4)RS-6; (5,6)RS-4	ADAMS	10	28			
PLOT SCALE = 106.0000' / IN.		CHECKED -	REVISED -		CONTRACT N. 72845							
PLOT DATE = Apr-09-2009 12:49:17PM		DATE -	REVISED -		SCALE: 50	SHEET NO. 1 OF 3 SHEETS	STA. 1150+07.50 TO STA. 140+64.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

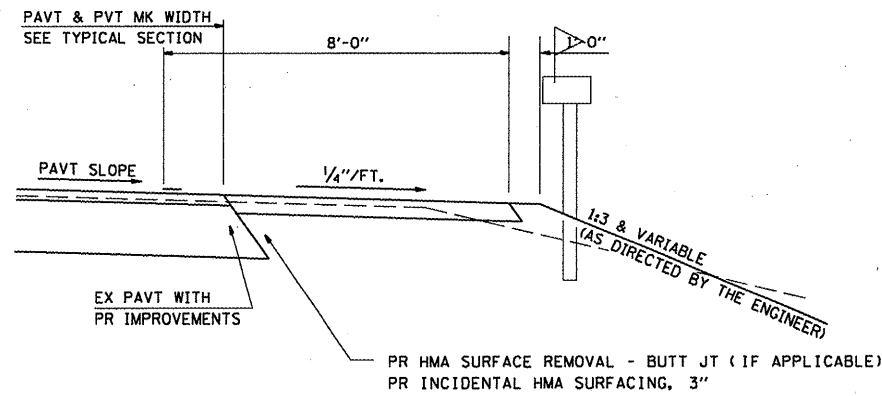
DETAILS OF MAILBOX TURNOUTS



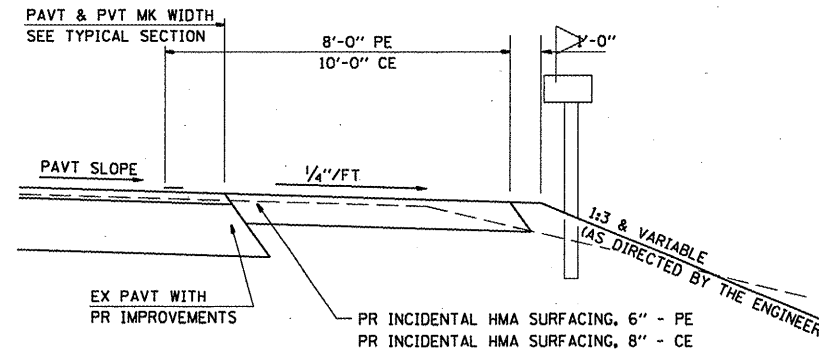
PLAN - MAILBOX TURNOUTS



PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT PE & FE



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA & PC CONC PE & CE

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = coxjm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR RURAL ENTRANCE, MAILBOX TURNOUT & SIDE ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\p\work\p\widet\coxjm\dms20567\sh\tdet\11s.dgn		DRAWN -	REVISED -			317	(3,4)RS-6; (5,6)RS-4	ADAMS	10	29	
PLOT SCALE = 106.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 72845					
PLOT DATE = Apr-09-2009 12:49:18PM		DATE -	REVISED -			SCALE: 50	SHEET NO. 2 OF 3 SHEETS	STA. 1150+07.50 TO STA. 140+64.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

INCIDENTAL HOT-MIX ASPHALT SURFACING SCHEDULE

LOCATION	DESCRIPTION	RT/ LT	ENTR WIDTH (FT)	(fr. E. O. P) (FT)	THICKNESS (IN)	SIDE RD.		HMA ENTR.		AGG. ENTR.		TOTAL (TON)	Agg. Shldr. AREA (SQ FT)
						AREA (SQ FT)	TOTAL (TON)	AREA (SQ FT)	TOTAL (TON)	AREA (SQ FT)	TOTAL (TON)		
11490+72.50	SECTION BEGINS												
1143+61.00	AGG PE (MBT)	RT	20	15	3.5					525.00	11.43	11.43	227.79
1140+13.58	STA EQUATION #1												
0+00.00													
16+82.00	AGG PE (MBT)	RT	20	15	3.5					525.00	11.43	11.43	227.79
17+62.00	AGG PE	RT	18	7	3.5					175.00	3.81	3.81	87.00
18+65.00	AGG CE	RT	35	9	8					396.00	19.71	19.71	150.00
20+11.00	AGG CE	RT	30	9	8					351.00	17.47	17.47	135.00
25+98.00	AGG PE (MBT)	RT	20	15	3.5					525.00	11.43	11.43	227.79
31+17.00	AGG PE (MBT)	RT	20	15	3.5					525.00	11.43	11.43	227.79
43+22.37	(2775 E)	RT	41	9	2.25 to 1.5	450.00	5.25					5.25	168.00
51+23.00	HMA CE	RT	75	9	2.25 to 1.5			756.00	8.82			8.82	150.00
51+60.09	W. MAIN ST.	LT	94	9	1.5	927.00	10.82					10.82	327.00
54+42.00	AGG CE	LT	35 (48)	9	8					396.00	19.71	19.71	150.00
79+66.00	PCC CE	LT	67	1.5	2.25 to 1.5			102.75	1.20			1.20	234.00
81+00.00	AGG PE	RT	23	7	3.5					210.00	4.57	4.57	222.00
83+74.32	FRANKLIN ST. (2850 E)	LT	32	9	2.25 to 1.5	369.00	4.31					4.31	141.00
	(THRU)	LT	45	9	2.25 to 1.5	486.00	5.67					5.67	180.00
85+12.00	AGG PE	LT	24	7	3.5					217.00	4.73	4.73	105.00
85+82.00	AGG PE	LT	15	7	3.5					154.00	3.35	3.35	78.00
88+07.12	JEFFERSON ST.	LT	36	9	2.25 to 1.5	405.00	4.73					4.73	153.00
88+07.12	HMA PE	RT	20	7	2.25 to 1.5			189.00	2.21			2.21	150.00
88+76.00	HMA CE	LT	35 (42)	9	2.25 to 1.5			396.00	4.62			4.62	150.00
89+76.00	HMA CE	LT	35 (47)	9	2.25 to 1.5			396.00	4.62			4.62	150.00
94+16.00	AGG PE	LT	24 (33)	7	3.5					217.00	4.73	4.73	105.00
94+16.00	AGG CE (Ball Park)	RT	30	9	8					351.00	17.47	17.47	135.00
95+20.00	AGG CE	RT	35 (45)	9	8					396.00	19.71	19.71	150.00
95+20.00	AGG CE	LT	30	9	8					351.00	17.47	17.47	135.00
97+36.00	E. JACKSON (MS 6084)	LT	38	9	2.25 to 1.5	423.00	4.94					4.94	135.00
97+54.00	AGG PE (MBT)	RT	20	15	3.5					525.00	11.43	11.43	227.79
98+93.00	AGG CE	RT	32	9	8.0					369.00	18.37	18.37	150.00
104+05.53	AUGUSTA RD. (2903 E)	RT	36	9	2.25 to 1.5	369.00	4.31					4.31	153.00
	(THRU)	LT	47	9	2.25 to 1.5	405.00	4.73					4.73	186.00
105+87.00	AGG CE	LT	27	9	8.0					324.00	16.13	16.13	126.00
110+60.00	AGG CE	RT	24	9	8.0					297.00	14.78	14.78	117.00
115+08.00	AGG PE	LT	18	7	3.5					175.00	3.81	3.81	87.00
115+67.00	AGG PE (MBT)	RT	20	15	3.5					525.00	11.43	11.43	227.79
125+00.35	MAIN ST.	LT	104	9	1.5	525.00	6.13					6.13	357.00
127+50.00	AGG MBT (no entr)	RT	20	7	3.5					189.00	4.12	4.12	163.71
127+50.00	HMA PE	LT	24	3	2.25 to 1.5			81.00	0.95			0.95	105.00
128+12.00	AGG CE	LT	37	3	8					114.00	5.67	5.67	150.00
129+28.00	AGG MBT (no entr)	RT	20	7	3.5					189.00	4.12	4.12	163.71
129+28.00	AGG CE	LT	35 (37)	9	8					396.00	19.71	19.71	150.00
131+10.65	KELLEYVILLE RD. (2950 E)	RT	45	9	2.25 to 1.5	486.00	5.67					5.67	180.00
143+62.01	STA EQUATION #2												
130+24.57													
130+90.00	AGG MBT (no entr)	RT	20	7	3.5					189.00	4.12	4.12	163.71
131+12.00	AGG PE (2)	LT	43	7	3.5					350.00	7.62	7.62	162.00
136+22.00	SECTION BEGINS												
						4,845.00	56.53	1,920.75	22.41	8,956.00	299.79	378.72	7,170.87