

SQUAD LEADER: MASSIR ELTINAY
PHONE: (217) 785-2739

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 717 (IL 10)
SECTION 109 (RS-3)
PROJECT
LOGAN COUNTY

C-96-554-07

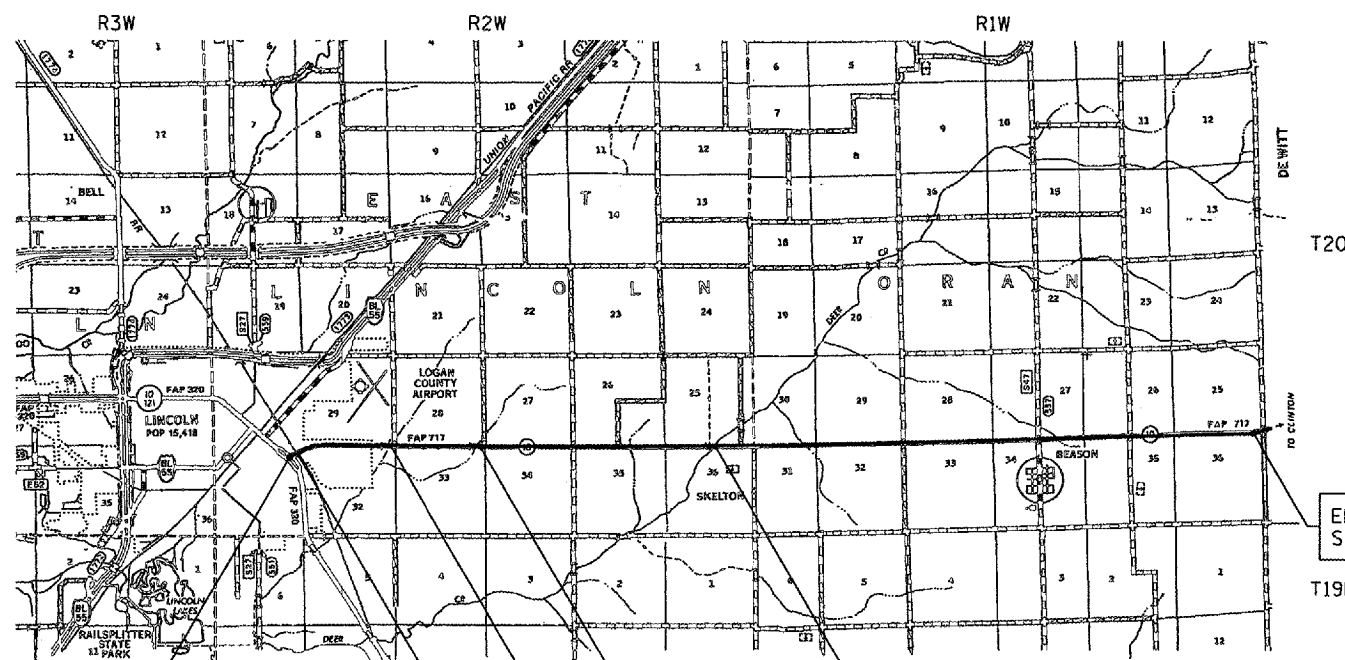
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	1

CONTRACT NO. 72825

D-96-545-03



LOCATION OF SECTION INDICATED THUS: —■—



BEGIN PROJECT
STA 57+64.50

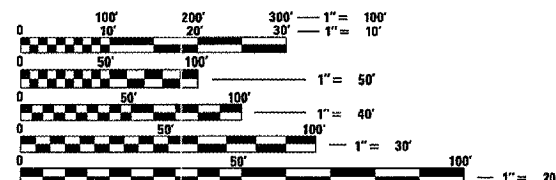
RAILROAD OMISSION
STA 61+24.70 TO
STA 61+33.20

SN 054-2031
STA 167+83
DUFF BRANCH

SN 054-2029
STA 116+28
SALT SPRING BRANCH

BRIDGE OMISSION
SN 054-0012
STA 306+78 TO STA 307+64
DEER CREEK

END PROJECT
STA 631+30.00

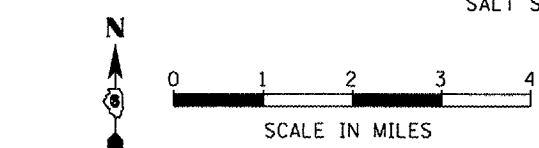


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 72825

ADT (2001) = 1650
ADT (2005) = 1700
ADT (2025) = 2100
PV= 90%
SU= 6%
MU= 4%



NET LENGTH OF PROJCT = 57,271.00 FT = 10.847 MI.
GROSS LENGTH OF PROJECT = 57,365.50 FT = 10.865 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *mas* 20 07
Carl M. Reed
DISTRICT ENGINEER

Eric S. Harmko
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 20 07
Milton R. Seo, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: JOHN NEGANGARD, P.E.
PHONE: (217) 782-8990

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	2
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 72825

GENERAL NOTES:

1. THE THICKNESS OF BITUMINOUS MIXTURES 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 ON WHICH THE BITUMINOUS MIXTURE IS PLACED AND IS TO BE INCLUDED IN THE BITUMINOUS SURFACES.
2. 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 MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
3. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID PRICE FOR THE WORK.
4. ACTUAL SIZE AND LOCATIONS OF PATCHES WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
5. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
6. ALL NO-PASSING ZONE PAVEMENT MARKING LOCATIONS SHALL BE FIELD VERIFIED BY BUREAU OF OPERATIONS AFTER RESURFACING. OPERATIONS SHOULD BE NOTIFIED AT LEAST TWO WEEKS PRIOR TO PAVEMENT MARKING.

7. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
8. ALL REFERENCES IN THE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT"
9. 1,000 TONS OF HOT-MIX ASPHALT SURFACE REMOVAL WILL REMAIN THE PROPERTY OF THE STATE. THE CONTRACTOR SHALL STOCKPILE THIS MATERIAL AT THE LINCOLN YARD.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 1-800-892-0123.
11. ALL ENTRANCES SHALL REMAIN ACCESSIBLE BOTH DURING AND AFTER CONSTRUCTION.
12. NO LANE CLOSURES WILL BE ALLOWED WITHOUT FLAGGER PROTECTION.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
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28	DRAINAGE AREA PLAN AND PROFILE
29	DRAINAGE DETAILS
30 - 31	ENTRANCE DETAILS

STANDARDS

- 000001-04
- 442201-02
- 601101
- 630301-04
- 635006-02
- 635011-01
- 701001-01
- 701006-02
- 701011-01
- 701201-02
- 701301-02
- 701306-01
- 701311-02
- 701501-03
- 702001-06
- 780001-01
- 781001-02

DISTRICT SIX

EXAMINED Feb 28 2007
Kevin L. Hoar
 OPERATIONS ENGINEER

EXAMINED Mar 8 2007
W.R. Johnson
 PROGRAM IMPLEMENTATION ENGINEER

EXAMINED MAR 8 2007
WR Johnson
 PROGRAM DEVELOPMENT ENGINEER

COMMITMENTS

THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038	T/SY
AGGREGATE PRIME COAT	0.002	T/SY
BITUMINOUS CONCRETE SURF CSE	0.056	T/SY*IN
LEVEL BINDER (MACHINE METHOD)	0.056	T/SY*IN
BITUMINOUS SHOULDER SUPERPAVE	0.056	T/SY*IN
AGGREGATE SHOULDER	2.05	T/CU YD

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	HOT-MIX ASPHALT SURFACE COURSE	LEVEL BINDER (MACHINE METHOD)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4% @ N DESIGN=50	4% @ N DESIGN=50	4% @ N DESIGN=50	2% @ N DESIGN=30
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5	IL 9.5 OR 12.5	BAM
FRICTION AGGREGATE	MIX "C"	N/A	MIX "C"	N/A

REVISIONS	
NAME	DATE
TMJ	02-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & COMMITMENTS

FAP ROUTE 717
SECTION 109 (RS-3)
LOGAN COUNTY

SCALE: NONE
DATE: AUG 2004

DRAWN BY: MLH
CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	3
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72825				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

100% STATE

CODE NO.	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE 1000 RURAL ROADWAY, FAP 717
20200100	EARTH EXCAVATION	CU YD	48	48
20400805	FURNISHED EXCAVATION, SPECIAL	CU YD	80	80
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A, 12"	SQ YD	142	142
35800100	PREPARATION OF BASE	SQ YD	483	483
35800200	AGGREGATE BASE REPAIR	TON	27	27
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	32	32
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	81	81
40600300	AGGREGATE (PRIME COAT)	TON	412	412
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	6,414	6,414
40600895	CONSTRUCTING TEST TRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,339	1,339
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	147	147
40600990	TEMPORARY RAMP	SQ YD	134	134
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	12,829	12,829
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	217	217
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,496	3,496
44000198	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	200,985	200,985
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	208	208
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	68	68

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TMJ	02-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP ROUTE 717 (IL 10)
SECTION 109 (RS-3)
LOGAN COUNTY
SCALE: VERT. DRAWN BY MLH
 HORIZ. CHECKED BY LDB
DATE AUG 2004

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	4
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72825				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

100% STATE

CODE NO.	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE 1000 RURAL ROADWAY, FAP 717
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	116	116
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	142	142
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,429	3,429
48203100	HOT-MIX ASPHALT SHOULDERS	TON	6,472	6,472
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4	4
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	39	39
60107600	PIPE UNDERDRAINS, 4"	FOOT	86	86
60108100	PIPE UNDERDRAINS, 4" (SPECIAL)	FOOT	60	60
* 63100167	TRAFFIC BARRIER TERMINAL TYPE I, SPECIAL (TANGENT)	EACH	8	8
63200310	GUARDRAIL REMOVAL	FOOT	400	400
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
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
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17,199	17,199

* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP ROUTE 717 (IL 10)
SECTION 109 (RS-3)
LOGAN COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE AUG 2004
DRAWN BY MLH
CHECKED BY LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	5
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 72825

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

100% STATE

CODE NO.	ITEM	UNIT	TOTAL	CONSTRUCTION TYPE CODE 1000 RURAL ROADWAY, FAP 717
70300210	TEMPORARY PAVEMENT MARKING, LETTERS & SYMBOLS	SQ FT	122	122
70300230	TEMPORARY PAVEMENT MARKING - LINE, 5"	FOOT	131,664	131,664
70300280	TEMPORARY PAVEMENT MARKING - LINE, 24"	FOOT	72	72
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,408	2,408
* 78001120	PAINT PAVEMENT MARKING - LINE, 5"	FOOT	131,664	131,664
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS	SQ FT	122	122
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE, 24"	FOOT	72	72
* 78100100	RAISED REFELCTIVE PAVEMENT MARKER	EACH	731	731
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	24	24
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	731	731
X0301271	REMOVE EXISTING UNDERDRAINS	FOOT	150	150
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION

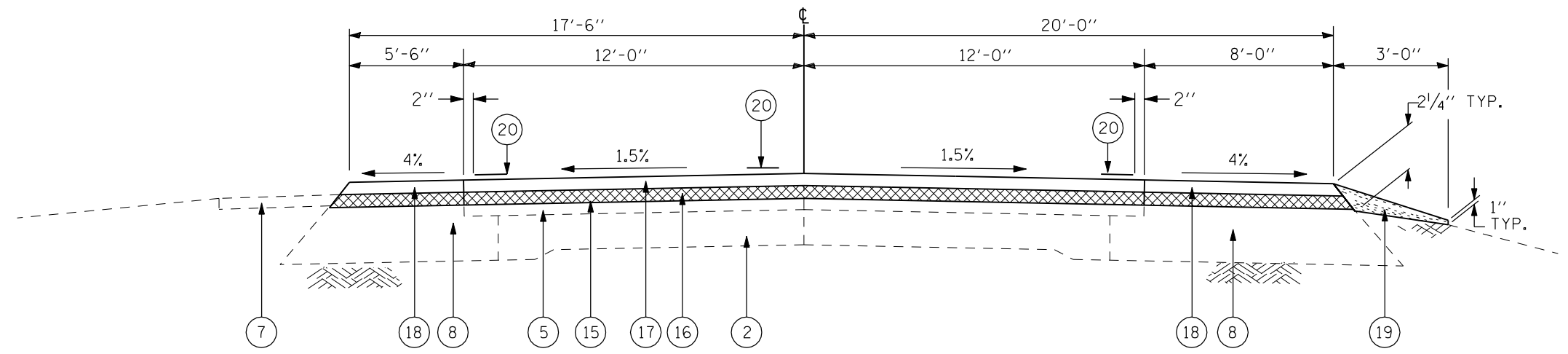
SUMMARY OF QUANTITIES

FAP ROUTE 717 (IL 10)
SECTION 109 (RS-3)
LOGAN COUNTY

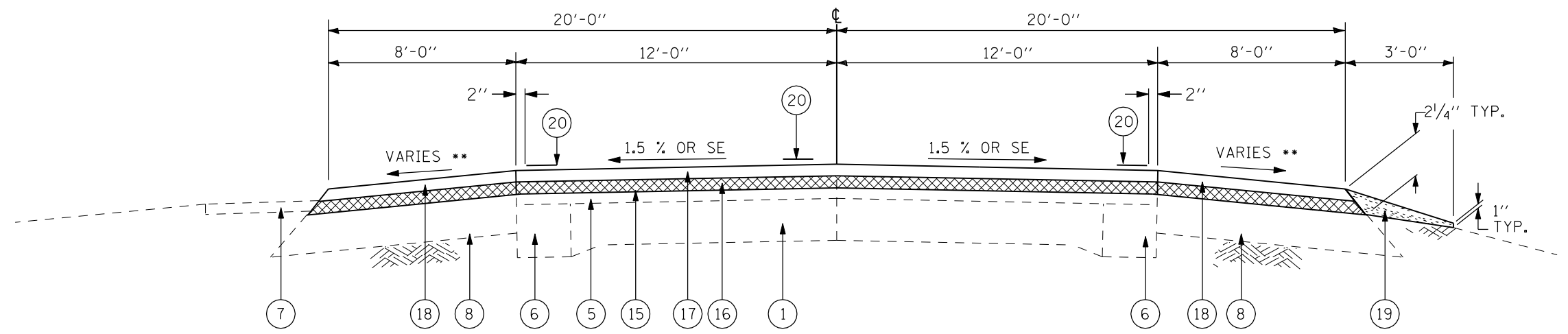
SCALE: VERT.
HORIZ.
DATE AUG 2004

DRAWN BY MLH
CHECKED BY LOB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	6
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



LANE WIDTH	LOCATION
12' LT & RT	STA 57+64.50 TO STA 61+06.50 NC



- ① EXISTING P.C.C. PAVEMENT (9-6-9)
- ② EXISTING P.C.C. BASE COURSE, 8"
- ③ EXISTING P.C.C. BASE COURSE 9"
- ④ EXISTING BITUMINOUS CONCRETE BINDER COURSE
- ⑤ EXISTING BITUMINOUS OVERLAY 3"
- ⑥ EXISTING BASE COURSE WIDENING 9"
- ⑦ EXISTING 4" P.C.C. SIDEWALK
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑫ EXISTING CONCRETE BOX CULVERT
- ⑬ EXISTING SUBBASE GRANULAR MATERIAL
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH) 3/4" AVG @ CL
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PROPOSED LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑰ PROPOSED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑱ PROPOSED HOT-MIX ASPHALT SHOULDERS (2-1 1/4")
- ⑲ PROPOSED AGGREGATE SHOULDLER, TYPE B
- ⑳ PROPOSED PAINT PAVEMENT MARKING, LINE 5"

** SHOULDER SLOPE
 LOW SIDE OF SE SLOPE SHOULD BE THE SAME AS SE, BUT NOT LESS THAN 4%
 HIGH SIDE OF SE WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%. WHEN SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE > 8.0%.

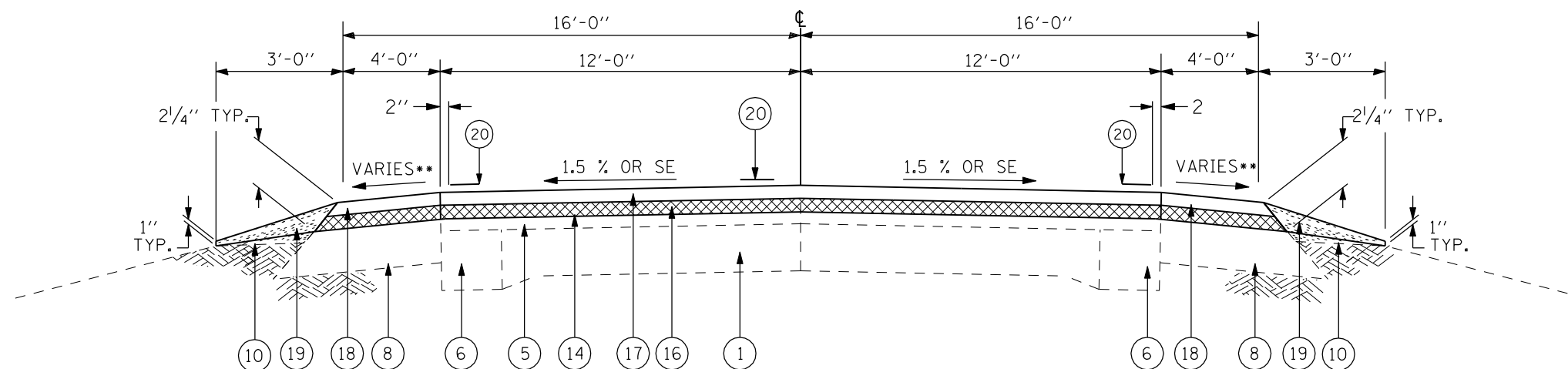
LANE WIDTH	LOCATION
12' LT & RT	STA 61+06.50 TO STA 61+24.70 NC
12' LT & RT	STA 61+24.70 TO STA 61+33.20 NC (RAILROAD OMISSION)
12' LT & RT	STA 61+33.20 TO STA 61+93.47 NC
12' LT & RT	STA 61+93.47 TO STA 63+34.47 SE TRANS •
12' LT & RT	STA 63+34.47 TO STA 65+81.00 FULL SE = 4.30% RT LOW SIDE •

• EXISTING SE = 4.00% RT LOW SIDE. INCREASE MILLING DEPTH FROM LT TO RT TO OBTAIN PROPOSED SE.

REVISIONS	
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TMJ	02-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
 SCALE: NOT TO SCALE
 DATE: AUG 2004
 DRAWN BY MLH
 CHECKED BY LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	7
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



- ① EXISTING P.C.C. PAVEMENT (9-6-9)
- ② EXISTING P.C.C. BASE COURSE, 8"
- ③ EXISTING P.C.C. BASE COURSE 9"
- ④ EXISTING BITUMINOUS CONCRETE BINDER COURSE
- ⑤ EXISTING BITUMINOUS OVERLAY 3" •
- ⑥ EXISTING BASE COURSE WIDENING 9"
- ⑦ EXISTING 4" P.C.C. SIDEWALK
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑫ EXISTING CONCRETE BOX CULVERT
- ⑬ EXISTING SUBBASE GRANULAR MATERIAL
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH) 3/4" AVG @ CL
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PROPOSED LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑰ PROPOSED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑱ PROPOSED HOT-MIX ASPHALT SHOULDERS (2-1/4")
- ⑲ PROPOSED AGGREGATE SHOULDLER, TYPE B
- ⑳ PROPOSED EXISTING PAVEMENT MARKINGS INCREASE:
 - STA 111+60.00 TO STA 112+00.00: 3" TO 5"
 - STA 112+00.00 TO STA 118+00.00: 5"
 - STA 118+00.00 TO STA 118+40.00: 5" TO 3"
 - STA 168+91.00 TO STA 170+00.00: 4-1/2"

** SHOULDER SLOPE
 LOW SIDE OF SE SLOPE SHOULDER THE SAME AS SE,
 BUT NOT LESS THAN 4%
 HIGH SIDE OF SE WHEN THE SE RATE OF PAVEMENT IS
 BETWEEN 0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT
 4.0%. WHEN SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE
 SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN
 PAVEMENT AND SHOULDER SLOPES WILL NOT BE > 8.0%.

LANE WIDTH	LOCATION
12' LT & RT	STA 65+81.00 TO STA 75+05.53 FULL SE = 4.30% RT LOW SIDE •
12' LT & RT	STA 75+05.53 TO STA 76+46.53 SE TRANS •
12' LT & RT	STA 76+46.53 TO STA 114+26.00 NC
12' LT & RT	STA 114+26.00 TO STA 115+20.00 NC LT ONLY
12' LT & RT	STA 117+39.00 TO STA 118+35.00 NC RT ONLY
12' LT & RT	STA 118+35.00 TO STA 166+20.00 NC
12' LT & RT	STA 168+91.00 TO STA 257+75.00 NC
12' LT & RT	STA 259+90.00 TO STA 305+37.00 NC
12' LT & RT	STA 305+37.00 TO STA 305+86.00 NC LT ONLY
12' LT & RT	STA 308+82.00 TO STA 329+34.33 NC
12' LT & RT	STA 329+34.33 TO STA 330+22.33 SE TRANS
12' LT & RT	STA 330+22.33 TO STA 349+95.67 FULL SE = 1.5% LT LOW SIDE
12' LT & RT	STA 349+95.67 TO STA 350+83.67 SE TRANS
12' LT & RT	STA 350+83.67 TO STA 437+25.33 NC
12' LT & RT	STA 437+25.33 TO STA 438+13.33 SE TRANS
12' LT & RT	STA 438+13.33 TO STA 457+86.67 FULL SE = 1.5% LT LOW SIDE
12' LT & RT	STA 457+86.67 TO STA 458+74.67 SE TRANS
12' LT & RT	STA 458+74.67 TO STA 573+25.33 NC
12' LT & RT	STA 573+25.33 TO STA 574+13.33 SE TRANS
12' LT & RT	STA 574+13.33 TO STA 593+86.67 FULL SE = 1.5% LT LOW SIDE
12' LT & RT	STA 593+86.67 TO STA 594+74.67 SE TRANS
12' LT & RT	STA 594+74.67 TO STA 620+32.67 NC
12' LT & RT	STA 620+32.67 TO STA 621+13.67 SE TRANS
12' LT & RT	STA 621+13.67 TO STA 630+85.28 FULL SE = 1.5% LT LOW SIDE
12' LT & RT	STA 630+85.28 TO STA 631+30.00 SE TRANS

• EXISTING SE = 4.00% RT LOW SIDE.
 INCREASE MILLING DEPTH FROM LT TO
 RT TO OBTAIN PROPOSED SE.

NOTE: EXISTING P.C.C. PAVEMENT FROM STA 250+00.00 TO STA 270+00.00
 HAS UNIFORM 9" THICKNESS

NOTE: FROM STA 249+93.00 TO STA 270+32.00, ELIMINATE BITUMINOUS
 SURFACE REMOVAL AND PROPOSED BITUMINOUS LEVELING BINDER

REVISIONS	
NAME	DATE
TMJ	02-07

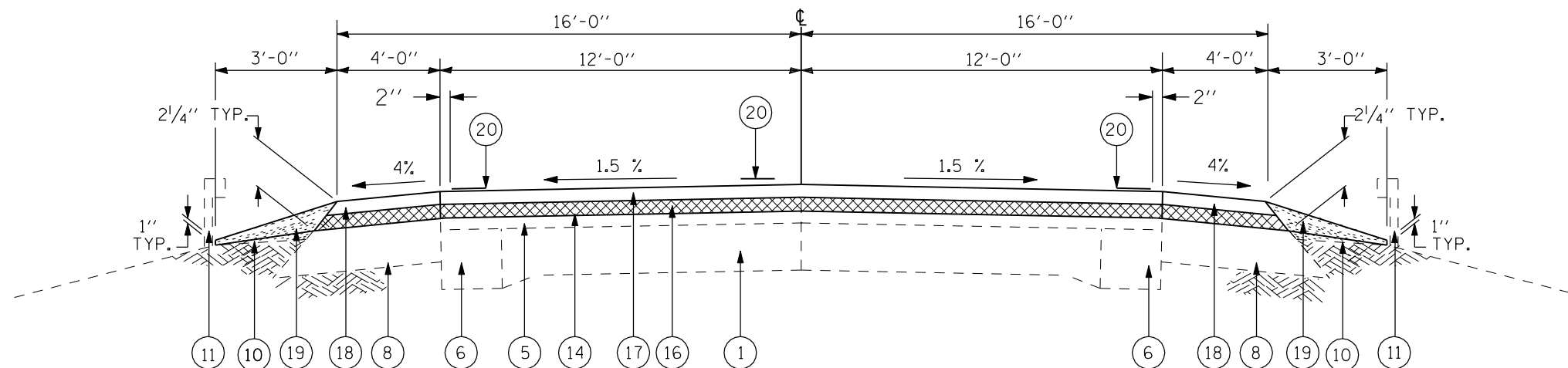
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

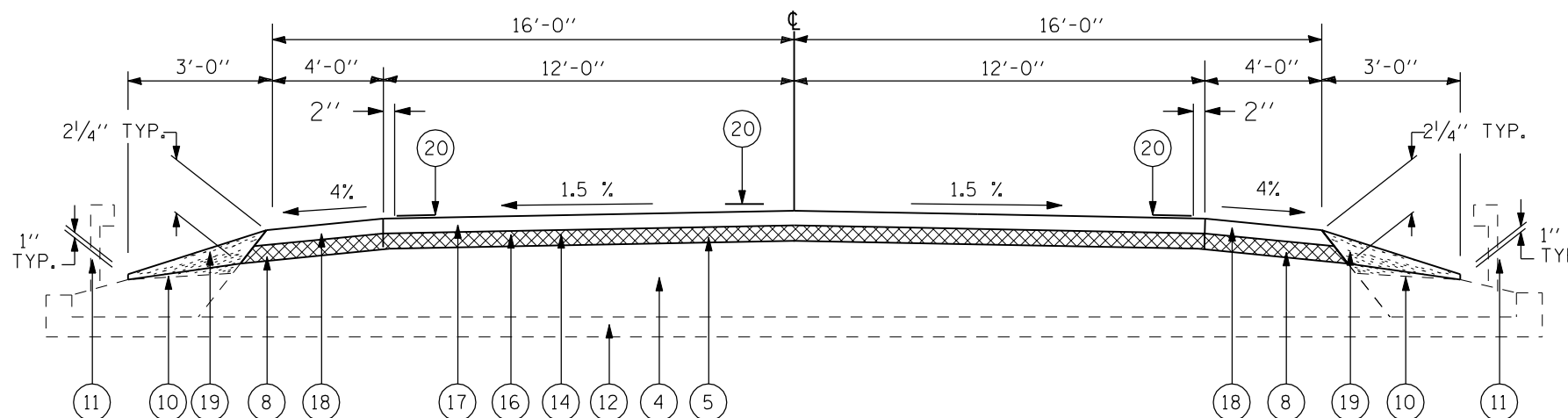
SCALE: NOT TO SCALE
 DATE: AUG 2004

DRAWN BY MLH
 CHECKED BY LDB



LANE WIDTH	LOCATION
12' LT & RT	STA 114+26.00 TO STA 116+00.00 NC, GUARDRAIL RT ONLY
12' LT & RT	STA 115+20.00 TO STA 116+00.00 NC, GUARDRAIL LT ONLY
12' LT & RT	STA 116+55.00 TO STA 117+39.00 NC, GUARDRAIL RT ONLY
12' LT & RT	STA 116+55.00 TO STA 118+35.00 NC, GUARDRAIL LT ONLY
12' LT & RT	STA 257+75.00 TO STA 259+90.00 NC
12' LT & RT	STA 305+37.00 TO STA 306+78.00 NC GUARDRAIL RT ONLY
12' LT & RT	STA 305+86.00 TO STA 306+78.00 NC GUARDRAIL LT ONLY
12' LT & RT	STA 306+78.00 TO STA 307+64.00 BRIDGE OMISSION
12' LT & RT	STA 307+64.00 TO STA 308+82.00 NC

- ① EXISTING P.C.C. PAVEMENT (9-6-9)
- ② EXISTING P.C.C. BASE COURSE, 8"
- ③ EXISTING P.C.C. BASE COURSE 9"
- ④ EXISTING BITUMINOUS CONCRETE BINDER COURSE
- ⑤ EXISTING BITUMINOUS OVERLAY 3" •
- ⑥ EXISTING BASE COURSE WIDENING 9"
- ⑦ EXISTING 4" P.C.C. SIDEWALK
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑫ EXISTING CONCRETE BOX CULVERT
- ⑬ EXISTING SUBBASE GRANULAR MATERIAL
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH) 3/4" AVG @ CL
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PROPOSED LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑰ PROPOSED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑱ PROPOSED HOT-MIX ASPHALT SHOULDERS (2-1/4")
- ⑲ PROPOSED AGGREGATE SHOULDLER, TYPE B
- ⑳ PROPOSED PAINT PAVEMENT MARKING, LINE 5"



LANE WIDTH	LOCATION
12' LT & RT	STA 116+00.00 TO STA 116+55.00 NC

• EXISTING OVERLAY THICKNESS VARIANCE:
 STA 112+00.00 TO STA 118+00.00: 5"
 STA 118+00.00 TO STA 118+40.00: 5" TO 3"
 STA 258+74.00 TO STA 258+91.00: 0" (TOP OF BOX CULVERT IS DRIVING SURFACE)
 STA 306+52.00 TO STA 306+72.00: 3" TO 2-1/4"
 STA 307+58.00 TO STA 307+78.00: 2-1/4" TO 3"

NOTE: EXISTING P.C.C. PAVEMENT FROM STA 250+00.00 TO STA 270+00.00 HAS UNIFORM 9" THICKNESS

NOTE: FROM STA 249+93.00 TO STA 270+32.00, ELIMINATE BITUMINOUS SURFACE REMOVAL AND PROPOSED BITUMINOUS LEVELING BINDER

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ILLINOIS DEPARTMENT OF TRANSPORTATION

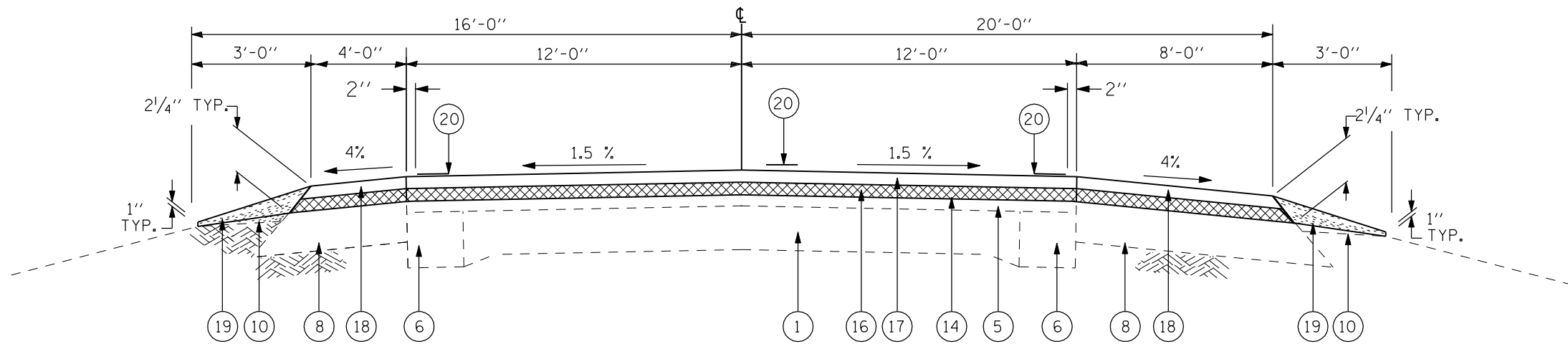
TYPICAL SECTIONS

FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

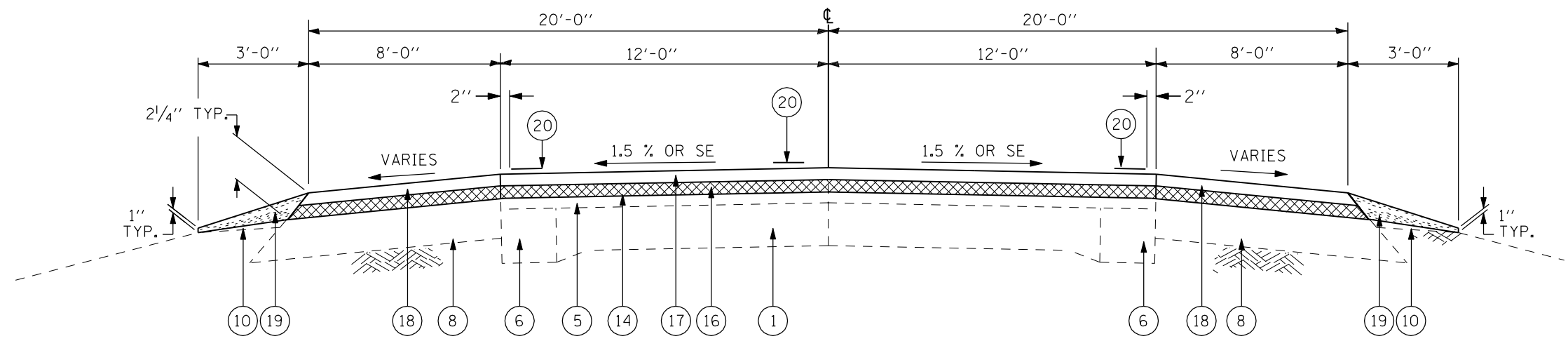
SCALE: NOT TO SCALE
 DATE: AUG 2004

DRAWN BY MLH
 CHECKED BY LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	9
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



LANE WIDTH	LOCATION
12' LT & RT	STA 166+20.00 TO STA 166+50.00 NC



LANE WIDTH	LOCATION
12' LT & RT	STA 166+50.00 TO STA 167+53.00 NC
12' LT & RT	STA 168+12.00 TO STA 168+91.00 NC

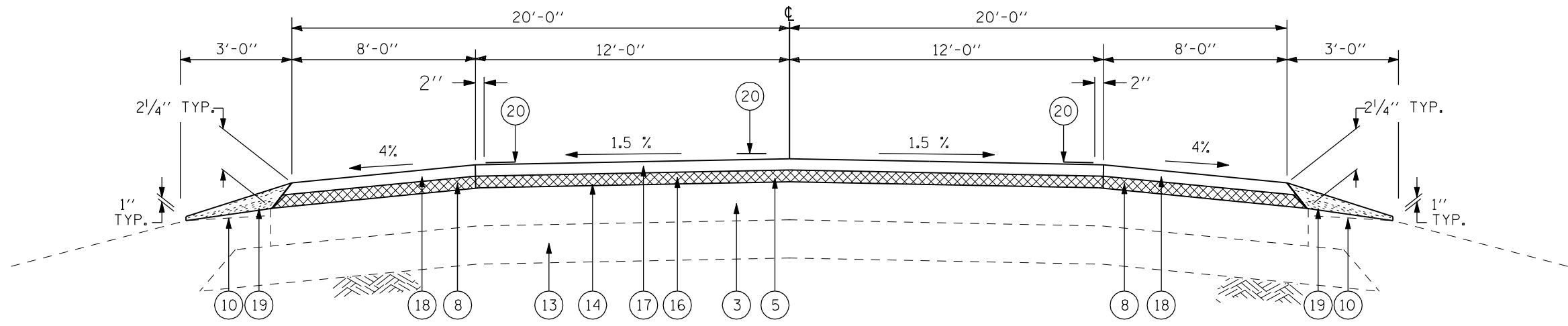
- ① EXISTING P.C.C. PAVEMENT (9-6-9)
- ② EXISTING P.C.C. BASE COURSE, 8"
- ③ EXISTING P.C.C. BASE COURSE 9"
- ④ EXISTING BITUMINOUS CONCRETE BINDER COURSE
- ⑤ EXISTING BITUMINOUS OVERLAY 3"
- ⑥ EXISTING BASE COURSE WIDENING 9"
- ⑦ EXISTING 4" P.C.C. SIDEWALK
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑫ EXISTING CONCRETE BOX CULVERT
- ⑬ EXISTING SUBBASE GRANULAR MATERIAL
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH) 3/4" AVG @ CL
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PROPOSED LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑰ PROPOSED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑱ PROPOSED HOT-MIX ASPHALT SHOULDERS (2-1/4")
- ⑲ PROPOSED AGGREGATE SHOULDLER, TYPE B
- ⑳ PROPOSED PAINT PAVEMENT MARKING, LINE 5"

• EXISTING OVERLAY THICKNESS VARIANCE:
 STA 166+20.00 TO STA 167+53.00: 4-1/2"
 STA 168+12.00 TO STA 168+91.00: 4-1/2"

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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
 SCALE: NOT TO SCALE
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 DRAWN BY MLH
 CHECKED BY LDB

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 TYP REV 4 & 5



- ① EXISTING P.C.C. PAVEMENT (9-6-9)
- ② EXISTING P.C.C. BASE COURSE, 8"
- ③ EXISTING P.C.C. BASE COURSE 9"
- ④ EXISTING BITUMINOUS CONCRETE BINDER COURSE
- ⑤ EXISTING BITUMINOUS OVERLAY 3" •
- ⑥ EXISTING BASE COURSE WIDENING 9"
- ⑦ EXISTING 4" P.C.C. SIDEWALK
- ⑧ EXISTING BITUMINOUS SHOULDER
- ⑨ EXISTING CONCRETE GUTTER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑫ EXISTING CONCRETE BOX CULVERT
- ⑬ EXISTING SUBBASE GRANULAR MATERIAL
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH) 3/4" AVG @ CL
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PROPOSED LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑰ PROPOSED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑱ PROPOSED HOT-MIX ASPHALT SHOULDERS (2-1/4")
- ⑲ PROPOSED AGGREGATE SHOULDLER, TYPE B
- ⑳ PROPOSED PAINT PAVEMENT MARKING, LINE 5"

LANE WIDTH LOCATION
 12' LT & RT STA 167+53.00 TO STA 168+12.00, NC

• EXISTING OVERLAY THICKNESS VARIANCE:
 STA 167+53.00 TO STA 168+12.00 2-1/4"

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
 SCALE: NOT TO SCALE DRAWN BY MLH
 DATE: AUG 2004 CHECKED BY LDB

PAVEMENT MARKINGS															
LOCATION			SEGMENT LENGTH	TYPE	PAINT PAVEMENT MARKING CONTINUOUS WHITE EDGE LINE 5"	PAINT PAVEMENT MARKING SOLID YELLOW LEFT NO PASSING 5"	PAINT PAVEMENT MARKING SOLID YELLOW RIGHT NO PASSING 5"	PAINT PAVEMENT MARKING DASHED YELLOW CENTER LINE 10'/30' 5"	SHORT TERM PAVEMENT MARKING YELLOW 5" (3 APPLICATIONS)	TEMPORARY PAVEMENT MARKING-LETTERS & SYMBOLS	WORK ZONE PAVEMENT MARKING REMOVAL	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING LINE 24"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B LINE 24"	REMARKS
STATION	TO	STATION	FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	
57+64.00		60+95.00	331	NO PASS BOTH	662	331	331	0	99		14				
59+95.50			12	TRANSVERSE									12	12	
60+20.50				RAILROAD "R"						3.6		3.6			
60+20.50				RAILROAD "X"						54.0		54.0			
60+20.50				RAILROAD "R"						3.6		3.6			
60+45.50			12										12	12	
60+95.00		61+11.00	16	NO PASS LT	32	16	0	4	5		1				
61+11.00		61+48.00													RR OMISSION
61+48.00		69+81.00	833	NO PASS LT	1,666	833	0	208	250		35				
60+98.00			12										12	12	
61+63.50			12										12	12	
62+11.50			12										12	12	
62+36.50				RAILROAD "R"						3.6		3.6			
62+36.50				RAILROAD "X"						54.0		54.0			
62+36.50				RAILROAD "R"						3.6		3.6			
62+61.50			12										12	12	
69+81.00		229+20.00	15939	PASSING	31,878	0	0	3,985	4,782		669				
229+20.00		235+68.00	648	NO PASS RT	1,296	0	648	162	195		27				
235+68.00		239+64.00	396	PASSING	792	0	0	99	119		17				
239+64.00		245+61.00	597	NO PASS LT	1,194	597	0	149	179		25				
245+61.00		631+30.00	38569	PASSING	77,138	0	0	9,642	11,571		1,620				
SUBTOTAL					114,658	1,777	979	14,250							
TOTAL			57,401				131,664		17,199	122	2,408	122	72	72	

GUARDRAIL IMPROVEMENT SCHEDULE								
LOCATION				GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT	GUARDRAIL MARKERS TYPE B*	TERMINAL MARKER -DIRECT APPLIED	FURNISHED EXCAVATION (SPECIAL)
				FOOT	EACH	EACH	EACH	CU YD
RT	114+26.00	TO	117+39.00	100	2	8	2	20
LT	115+20.00		118+35.00	100	2	8	2	20
RT	257+75.00		258+74.00	50	1	4	1	10
LT	257+75.00		258+74.00	50	1	4	1	10
RT	258+91.00		259+90.00	50	1	4	1	10
LT	258+91.00		259+90.00	50	1	4	1	10
TOTAL				400	8	32	8	80

* ESTIMATED QUANTITY FOR THE TOTAL LENGTH OF GUARDRAIL

RAISED REFLECTORS					
LOCATION			RAISED REFLECTIVE PAVEMENT MARKER (TWO WAY AMBER)	RAISED REFLECTIVE PAVMENT MARKER REMOVAL	REMARKS
STATION	TO	STATION	EACH	EACH	
57+64.50		61+24.70	5	5	
61+24.70		61+33.00			RR OMISSION
61+33.00		306+72.00	322	322	1,241'-LONG CURVE WITH 40' SPACING
306+72.00		307+58.00			BRIDGE OMISSION
307+58.00		631+30.00	405	405	
TOTAL			731	731	

QUANTITIES FOR DRAINAGE AREA IMPROVEMENTS										
LOCATION			EARTH EXCAVATION	SUB-BASE GRANULAR MATERIAL, TY A, 12"	CONCRETE HEADWALL FOR PIPE DRAINS	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)	REMOVE EXISTING UNDERDRAINS	CLASS C PATCHES
STATION	TO	STATION	CU YD	SQ YD	EACH	SQ YD	FOOT	FOOT	FOOT	SQ YD
121+00		127+00	48	142.2	4	39	86	60	150	142
TOTAL			48	142	4	39	86	60	150	142

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ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
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 HORIZ. _____
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BITUMINOUS SURFACE									
LOCATION		HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	HOT-MIX ASPHALT SURFACE REMOVAL 2"	BITUMINOUS MATERIALS (PRIME COAT) 0.00038 T/SY	AGGREGATE (PRIME COAT)	LEVEL BINDER MACHINE METHOD N50 3/4", 0.056 TON/SY*IN	HOT-MIX ASPHALT SURFACE COURSE MIX C N,50 1-1/2" 0.056 TON/SY*IN	REMARKS	
STATION	TO	STATION	SQ YD	SQ YD	TON	TON	TON	TON	
57+64.50		61+06.50	0	1,425	0.56	2.85	38.30	76.61	
61+06.50		61+24.70	0	81	0.03	0.16	2.04	4.08	
61+24.70		61+33.20	0	0	0.00	0.00	0.00	0.00	RR OMISSION
61+33.20		65+81.00	0	1,990	0.79	3.98	50.15	100.31	
65+81.00		114+26.00	17,227	0	6.8	34.45	542.64	1,085.28	
114+26.00		115+20.00	167	0	0.07	0.33	5.26	10.53	LT ONLY
114+26.00		116+00.00	309	0	0.12	0.62	9.74	19.49	RT ONLY
115+20.00		116+00.00	142	0	0.06	0.28	4.48	8.96	LT ONLY
116+00.00		116+55.00	196	0	0.08	0.39	6.16	12.32	
116+55.00		117+39.00	149	0	0.06	0.30	4.70	9.41	RT ONLY
116+55.00		118+35.00	320	0	0.13	0.64	10.08	20.16	LT ONLY
117+39.00		118+35.00	171	0	0.07	0.34	5.38	10.75	RT ONLY
118+35.00		166+20.00	17,013	0	6.73	34.03	535.92	1,071.84	
166+20.00		166+50.00	120	0	0.05	0.24	3.36	6.72	
166+50.00		167+53.00	458	0	0.18	0.92	11.54	23.07	
167+53.00		168+12.00	262	0	0.10	0.52	6.61	13.22	
168+12.00		168+91.00	351	0	0.14	0.70	8.85	17.70	
168+91.00		257+75.00	31,588	0	12.50	63.18	995.01	1,990.02	
257+75.00		259+90.00	764	0	0.29	1.53	24.08	48.16	
259+90.00		305+37.00	16,167	0	6.40	32.33	509.26	1,018.53	
305+37.00		305+86.00	87	0	0.03	0.17	2.74	5.49	LT ONLY
305+37.00		306+78.00	251	0	0.10	0.50	7.90	15.79	RT ONLY
305+86.00		306+78.00	164	0	0.06	0.33	5.15	10.30	LT ONLY
306+78.00		307+64.00	0	0	0.00	0.00	0.00	0.00	BRIDGE OMISSION
307+64.00		308+82.00	420	0	0.17	0.84	13.22	26.43	
308+82.00		631+30.00	114,660	0	45.4	229.32	3,611.78	7,223.55	
TOTAL			200,985	3,496	81	409	6,414	12,829	

SHOULDERS				
LOCATION		AGGREGATE SHOULDERS TYPE B 2.05 TON/CY	HOT-MIX ASPHALT SHOULDERS	
	STATION	TO	STATION	TON
LT&RT	57+64.50		61+06.50	10.55
LT&RT	61+06.50		61+24.70	0.56
	61+24.70		61+33.20	0.00
LT&RT	61+33.20		65+81.00	13.81
LT&RT	65+81.00		114+26.00	298.89
LT	114+26.00		115+20.00	2.90
RT	114+26.00		116+00.00	5.37
LT	115+20.00		116+00.00	2.47
LT&RT	116+00.00		116+55.00	3.39
RT	116+55.00		117+39.00	2.59
LT	116+55.00		118+35.00	5.55
RT	117+39.00		118+35.00	2.96
LT&RT	118+35.00		166+20.00	295.19
LT&RT	166+20.00		166+50.00	1.85
LT&RT	166+50.00		167+53.00	6.35
LT&RT	167+53.00		168+12.00	3.64
LT&RT	168+12.00		168+91.00	4.87
LT&RT	168+91.00		257+75.00	548.05
LT&RT	257+75.00		259+90.00	13.26
LT&RT	259+90.00		305+37.00	280.50
LT	305+37.00		305+86.00	1.51
RT	305+37.00		306+78.00	4.35
LT	305+86.00		306+78.00	2.84
LT&RT	306+78.00		307+64.00	0.00
LT&RT	307+64.00		308+82.00	7.28
LT&RT	308+82.00		631+30.00	1,989.38
	SUBTOTAL			3,508
	DEDUCT ENT & SR TOTAL			65
	DEDUCT MAILBOX TOTAL			14
	TOTAL			3,429
				6,472

HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT AND TEMPORARY RAMP					
LOCATION		HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	REMARKS	
	TO	STATION	SQ YD	SQ YD	
57+64.00		57+94.00	27	16.7	BEGIN PROJECT
60+94.70		61+24.70	27	16.7	RR BUTT JT
61+24.70		61+33.20		16.7	RR OMISSION
61+33.20		61+63.20	27	16.7	RR BUTT JT
306+48.00		306+78.00	27	16.7	BRIDGE BUTT JT
306+78.00		307+64.00		16.7	BRIDGE OMISSION
307+64.00		307+94.00	27	16.7	BRIDGE BUTT JT
631+00.00		631+30.00	27	16.7	END PROJECT
TOTAL			160	134	

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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 FAP ROUTE 717 (IL 10)
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 LOGAN COUNTY
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 HORIZ. _____
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ENTRANCE & SIDEROAD IMPROVEMENT SCHEDULE FOR RURAL/URBAN "PPP" PROJECTS

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/BIT SHLD TO LIMITS OF IMPROVEMENTS)	PR BIT. CONC THICKNESS	BIT. SURF. REM.- BUTT JOINT	P.C.C. SURF. REM.- BUTT JOINT	TEMPORARY RAMP	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE BASE COURSE TY-B	AGGREGATE SURF COURSE TY-B	BIT (P.C.)	AGG (P.C.)	INCIDENTAL BIT. SURF.
LT/RT/STA	FE/PE/CE/MB/SR	EARTH/AGG/BIT/PCC	FOOT	FOOT	FOOT	FOOT	INCH	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON
RT 58+63.00	CE	BIT	34			10	1.5	10.2	0.0		0.0	0.0		0.0	0.004	0.02	0.86
LT 58+71.00	CE	BIT	37			6	1.5	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 60+04.00	CE	BIT	29			6	1.5	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 60+07.00	CE	BIT	29			10	1.5	9.1	0.0		0.0	0.0		0.0	0.003	0.02	0.77
LT 61+96.00	CE	BIT	42			8	1.5	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 62+09.00	CE	BIT	30			10	1.5	9.3	0.0		0.0	0.0		0.0	0.004	0.02	0.78
LT 62+85.00	CE	BIT	50			8	1.5	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 63+77.00	CE	BIT	32			10	1.5	9.8	0.0		0.0	0.0		0.0	0.004	0.02	0.82
LT 64+15.00	PE	BIT	10			8	1.5	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 64+93.00	CE	BIT	30			10	1.5	9.3	0.0		0.0	0.0		0.0	0.004	0.02	0.78
LT 65+60.00	SR	BIT	48			10	1.5	77.8	0.0		0.0	0.0		0.0	0.030	0.16	6.53
RT 65+60.00	SR	BIT	48			10	1.5	77.8	0.0		0.0	0.0		0.0	0.030	0.16	6.53
RT 67+51.00	SR	BIT	34			10	1.5	62.2	0.0		0.0	0.0		0.0	0.024	0.12	5.23
RT 69+09.00	MB	BIT	0			8	3.5	0.0	0.0		13.8	0.8		0.0	0.000	0.00	2.70
LT 69+21.00	PE	AGG	18			15	3.5	0.0	0.0		16.0	0.9		1.7	0.000	0.00	3.14
LT 79+25.00	FE	EARTH	12			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 79+62.00	CE	BIT	35			10	1.5	34.0	0.0		0.0	0.0		0.0	0.013	0.07	2.86
LT 79+65.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 92+65.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 92+68.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 96+27.00	SR	BIT	25			10	1.5	52.2	0.0		0.0	0.0		0.0	0.020	0.10	4.39
RT 96+27.00	SR	BIT	25			10	1.5	52.2	0.0		0.0	0.0		0.0	0.020	0.10	4.39
LT 113+15.00	PE	BIT	20			8	1.5	16.9	0.0		0.0	0.0		0.0	0.006	0.03	1.42
RT 114+17.00	MB	BIT	0			8	3.5	0.0	0.0		13.8	0.8		0.0	0.000	0.00	2.70
LT 114+95.00	PE	AGG	12			15	3.5	0.0	0.0		13.3	0.8		1.3	0.000	0.00	2.61
RT 119+17.00	FE	EARTH	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 119+56.00	SR	BIT	22			10	1.5	48.9	0.0		0.0	0.0		0.0	0.019	0.10	4.11
RT 123+36.00	MB	BIT	0			8	3.5	0.0	0.0		13.3	0.8		0.0	0.000	0.00	2.61
RT 123+60.00	PE	AGG	17			15	3.5	0.0	0.0		15.6	0.9		1.6	0.000	0.00	3.05
LT 134+81.00	FE	AGG	22			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 136+69.00	FE	EARTH	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 140+39.00	MB	BIT	0			8	8.0	0.0	0.0		43.1	2.5		0.0	0.000	0.00	19.31
RT 141+07.00	CE	CONC	40			10	1.5	0.0	37.3		0.0	0.0		0.0	0.014	0.07	3.14
LT 144+16.00	PE	AGG	20			15	3.5	0.0	0.0		16.9	1.0		1.8	0.000	0.00	3.31
RT 144+72.00	MB	BIT	0			8	3.5	0.0	0.0		13.8	0.8		0.0	0.000	0.00	2.70
LT 145+85.00	FE	AGG	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 159+22.00	FE	EARTH	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 161+96.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 166+41.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 168+10.00	PE	AGG	30			15	3.5	0.0	0.0		0.0	0.0		2.5	0.000	0.00	0.00
RT 168+51.00	MB	BIT	0			8	3.5	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 172+51.00	SR	BIT	18			10	1.5	44.4	0.0		0.0	0.0		0.0	0.017	0.09	3.73
RT 176+35.00	PE	AGG	17			15	3.5	0.0	0.0		15.6	0.9		1.6	0.000	0.00	3.05
RT 176+59.00	MB	BIT	0			8	3.5	0.0	0.0		12.4	0.7		0.0	0.000	0.00	2.44
LT 182+18.00	PE	AGG	18			15	3.5	0.0	0.0		16.0	0.9		1.7	0.000	0.00	3.14
RT 182+18.00	MB	BIT	0			8	3.5	0.0	0.0		13.8	0.8		0.0	0.000	0.00	2.70
LT 186+32.00	FE	AGG	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 199+19.00	FE	EARTH	27			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 207+54.00	FE	AGG	12			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT 212+73.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT 225+62.00	SR	BIT	22			10	1.5	48.9	0.0		0.0	0.0		0.0	0.019	0.10	4.11
LT 225+71.00	SR	BIT	22			10	1.5	48.9	0.0		0.0	0.0		0.0	0.019	0.10	4.11
RT 230+93.00	CE	CONC	40			10	1.5	0.0	37.3		0.0	0.0		0.0	0.014	0.07	3.14
RT 235+05.00	CE	CONC	40			10	1.5	0.0	37.3		0.0	0.0		0.0	0.014	0.07	3.14
RT 238+09.00	CE	CONC	37			10	1.5	0.0	35.3		0.0	0.0		0.0	0.013	0.07	2.97
LT 240+86.00	PE	AGG	10			15	3.5	0.0	0.0		12.4	0.7		1.1	0.000	0.00	2.44
SUBTOTAL								612.0	147.33		229.78	13.08		13.15	0.29	1.52	119.68

REVISIONS	
NAME	DATE
TMJ	02-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. DRAWN BY MLH
 HORIZ. CHECKED BY LDB
 DATE AUG 2004

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ENTRANCE & SIDEROAD IMPROVEMENT SCHEDULE FOR RURAL/URBAN "PPP" PROJECTS

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/BIT SHLD TO LIMITS OF IMPROVEMENTS)	PR BIT. CONC THICKNESS	BIT. SURF. REM.- BUTT JOINT	P.C.C. SURF. REM.- BUTT JOINT	TEMPORARY RAMP	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE BASE COURSE TY-B	AGGREGATE SURF COURSE TY-B	BIT (P.C.)	AGG (P.C.)	INCIDENTAL BIT. SURF.
LT/RT/STA	FE/PE/CE/MB/SR	EARTH/AGG/BIT/PCC	FOOT	FOOT	FOOT	FOOT	INCH	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON
RT	240+90.00	MB	BIT	0		8	3.5	0.0	0.0		11.3	0.6		0.0	0.000	0.00	2.22
RT	241+10.00	PE	AGG	18		15	3.5	0.0	0.0		16.0	0.9		1.7	0.000	0.00	3.14
RT	241+99.00	FE	AGG	28		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	252+27.00	FE	EARTH	21		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	252+42.00	SR	BIT	26		10	1.5	53.3	0.0		0.0	0.0		0.0	0.020	0.11	4.48
RT	252+56.00	FE	EARTH	20		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	278+99.00	FE	AGG	20		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	279+13.00	FE	AGG	18		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	290+21.00	FE	AGG	20		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	290+91.00	FE	AGG	22		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	305+75.00	FE	AGG	20		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	315+61.00	PE	AGG	34		15	3.5	0.0	0.0		23.1	1.3		2.7	0.000	0.00	4.53
LT	321+21.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	324+49.00	SR	BIT	16		10	1.5	42.2	0.0		0.0	0.0		0.0	0.016	0.08	3.55
LT	328+50.00	PE	AGG	14		15	3.5	0.0	0.0		14.2	0.8		1.4	0.000	0.00	2.79
RT	329+16.00	FE	EARTH	25		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	331+90.00	SR	BIT	36		10	1.5	64.4	0.0		0.0	0.0		0.0	0.024	0.13	5.41
LT	332+02.00	FE	BIT	20		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	333+08.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	333+96.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	337+69.00	FE	EARTH	26		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	350+81.00	FE	EARTH	30		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	352+34.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	355+06.00	MB	BIT	0		8	3.5	0.0	0.0		7.3	0.4		0.0	0.000	0.00	1.44
LT	355+15.00	PE	AGG	20		15	3.5	0.0	0.0		16.9	1.0		1.8	0.000	0.00	3.31
LT	358+50.00	PE	AGG	16		15	3.5	0.0	0.0		15.1	0.9		1.5	0.000	0.00	2.96
LT	362+36.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	368+44.00	FE	EARTH	34		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	369+51.00	FE	AGG	20		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	372+53.00	FE	EARTH	12		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	375+92.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	383+07.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	384+42.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	395+42.00	FE	EARTH	28		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	395+57.00	FE	EARTH	18		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	404+73.00	FE	EARTH	28		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	408+82.00	FE	EARTH	30		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	421+80.00	SR	BIT	30		10	1.5	57.8	0.0		0.0	0.0		0.0	0.022	0.12	4.85
RT	421+80.00	SR	BIT	30		10	1.5	57.8	0.0		0.0	0.0		0.0	0.022	0.12	4.85
LT	433+12.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	435+06.00	FE	EARTH	30		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	441+47.00	PE	AGG	28		15	3.5	0.0	0.0		20.4	1.2		2.3	0.000	0.00	4.01
LT	459+62.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	461+33.00	FE	EARTH	22		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	469+53.00	FE	AGG	21		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	474+71.00	PE	AGG	10		15	3.5	0.0	0.0		12.4	0.7		1.1	0.000	0.00	2.44
RT	474+92.00	FE	EARTH	22		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	481+41.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	501+28.00	SR	BIT	55		10	1.5	85.6	0.0		0.0	0.0		0.0	0.033	0.17	7.19
RT	501+28.00	SR	BIT	55		10	1.5	85.6	0.0		0.0	0.0		0.0	0.033	0.17	7.19
RT	514+57.00	FE	EARTH	32		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	517+13.00	FE	EARTH	24		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	527+48.00	FE	EARTH	25		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	530+54.00	MB	BIT	0		8	3.5	0.0	0.0		13.6	0.8		0.0	0.000	0.00	2.66
LT	530+79.00	PE	AGG	14		15	3.5	0.0	0.0		14.2	0.8		1.4	0.000	0.00	2.79
RT	531+22.00	FE	EARTH	22		0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
	SUBTOTAL							446.67	0.0		164.67	9.38		13.95	0.17	0.89	69.79

REVISIONS	
NAME	DATE
TMJ	02-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
 SCALE: VERT. DRAWN BY MLH
 HORIZ. CHECKED BY LDB
 DATE: AUG 2004

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	15
STA. 57+64.50		TO STA.631+30.00		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72825				

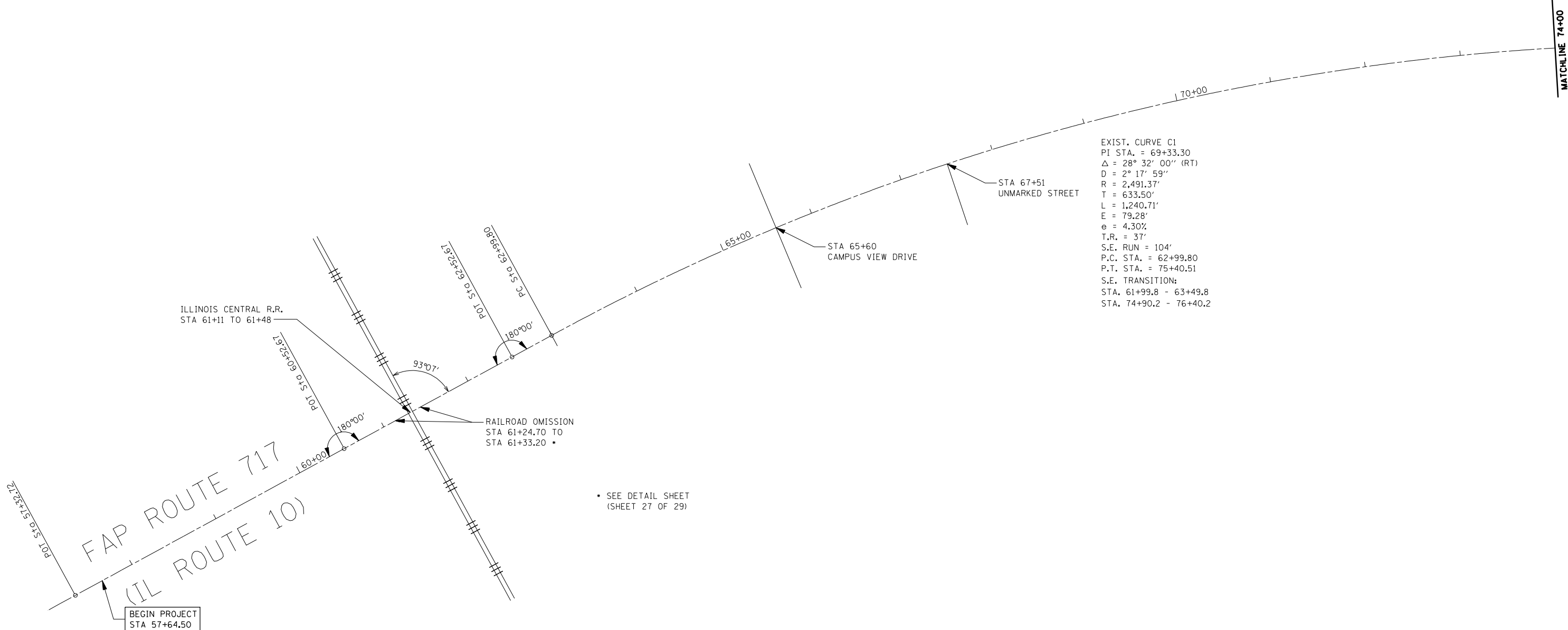
ENTRANCE & SIDEROAD IMPROVEMENT SCHEDULE FOR RURAL/URBAN "PPP" PROJECTS																		
LOCATION		TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/BIT SHLD TO LIMITS OF IMPROVEMENTS)	PR BIT. CONC THICKNESS	BIT. SURF. REM.- BUTT JOINT	P.C.C. SURF. REM.- BUTT JOINT	TEMPORARY RAMP	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE BASE COURSE TY-B	AGGREGATE SURF COURSE TY-B	BIT (P.C.)	AGG (P.C.)	INCIDENTAL BIT. SURF.
LT/RT/STA	FE/PE/CE/MB/SR	EARTH/AGG/BIT/PCC	FOOT	FOOT	FOOT	FOOT	INCH	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON	TON
LT	540+86.00	FE	EARTH	26			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	548+48.00	FE	EARTH	30			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	553+96.00	SR	BIT	32			10	1.5	60.0	0.0		0.0	0.0		0.0	0.023	0.12	5.04
RT	553+96.00	SR	BIT	32			10	1.5	60.0	0.0		0.0	0.0		0.0	0.023	0.12	5.04
LT	556+70.00	FE	AGG	12			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	557+48.00	MB	BIT	0			8	3.5	0.0	0.0		15.3	0.9		0.0	0.000	0.00	3.01
LT	557+76.00	PE	AGG	12			15	3.5	0.0	0.0		13.3	0.8		1.3	0.000	0.00	2.61
LT	558+95.00	FE	EARTH	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	567+33.00	FE	EARTH	28			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	567+37.00	FE	EARTH	28			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	584+75.00	MB	BIT	0			8	3.5	0.0	0.0		13.8	0.8		0.0	0.000	0.00	2.70
RT	585+03.00	PE	AGG	16			15	3.5	0.0	0.0		15.1	0.9		1.5	0.000	0.00	2.96
LT	585+58.00	FE	EARTH	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	593+36.00	FE	EARTH	26			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	600+54.00	PE	AGG	20			15	3.5	0.0	0.0		16.9	1.0		1.8	0.000	0.00	3.31
LT	600+54.00	MB	BIT	0			8	3.5	0.0	0.0		13.8	0.8		0.0	0.000	0.00	2.70
LT	601+68.00	FE	AGG	14			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	603+40.00	FE	AGG	18			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	605+27.00	FE	AGG	14			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	608+61.00	FE	EARTH	20			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	612+20.00	FE	EARTH	24			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
LT	619+87.00	FE	AGG	28			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
RT	619+87.00	FE	AGG	28			0	0.0	0.0	0.0		0.0	0.0		0.0	0.000	0.00	0.00
	TOTAL								1,179	147		483	27		32	1	3	217

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REVISIONS	
NAME	DATE
TMJ	02-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
 SCALE: VERT. DRAWN BY MLH
 HORIZ. CHECKED BY LDB
 DATE: AUG 2004

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	16
STA. 57+64.50		TO STA. 74+00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



EXIST. CURVE C1
 PI STA. = 69+33.30
 $\Delta = 28^\circ 32' 00''$ (RT)
 $D = 2^\circ 17' 59''$
 $R = 2,491.37'$
 $T = 633.50'$
 $L = 1,240.71'$
 $E = 79.28'$
 $e = 4.30\%$
 $T.R. = 37'$
 $S.E. RUN = 104'$
 $P.C. STA. = 62+99.80$
 $P.T. STA. = 75+40.51$
 S.E. TRANSITION:
 STA. 61+99.8 - 63+49.8
 STA. 74+90.2 - 76+40.2

• SEE DETAIL SHEET
 (SHEET 27 OF 29)

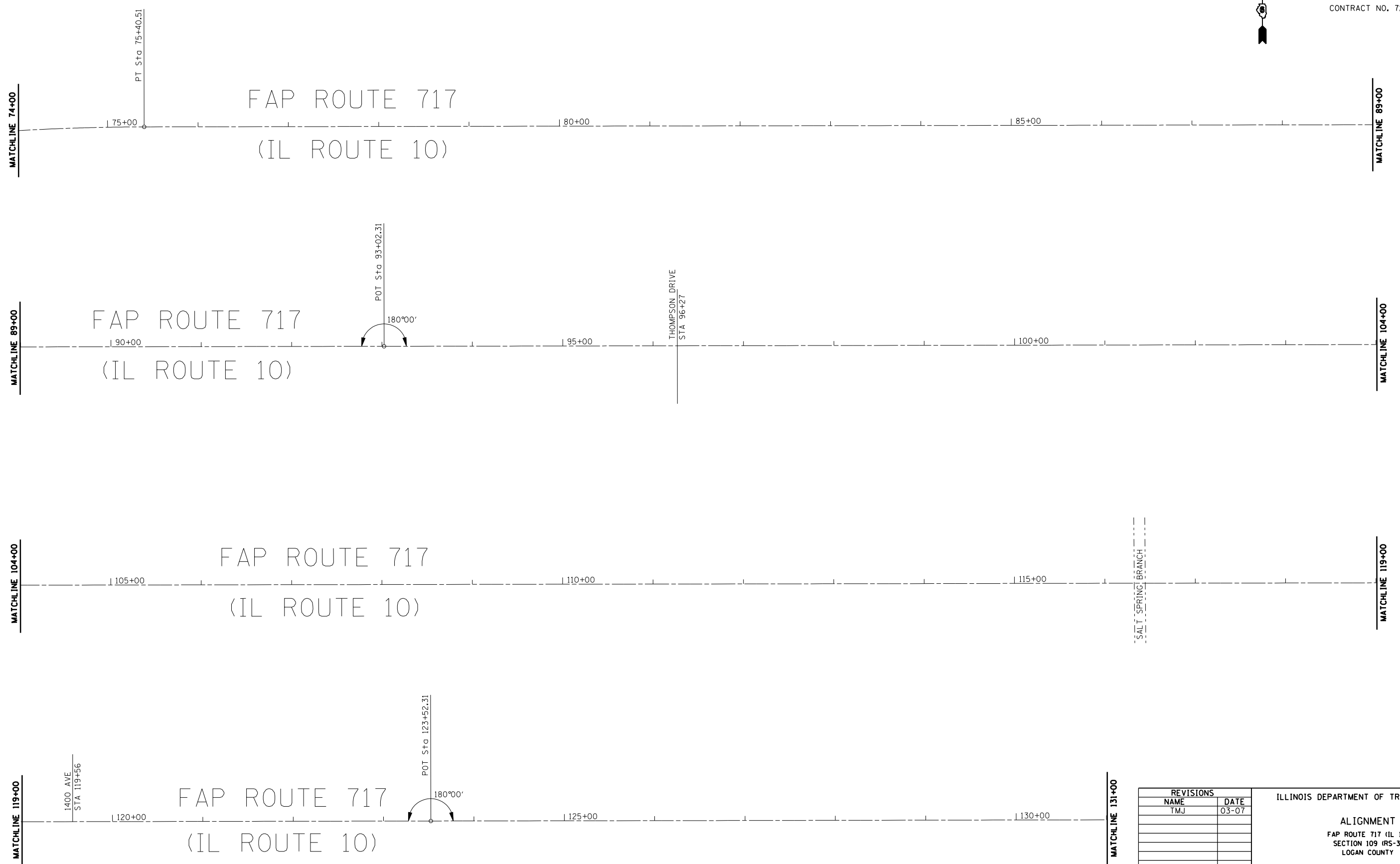
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BEGIN PROJECT
 STA 57+64.50

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT
 FAP ROUTE 717 (IL10)
 SECTION 109 (RS-3)
 LOGAN COUNTY
 SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004
 DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	17
STA. 74+00		TO STA.131+00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



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REVISIONS	
NAME	DATE
TMJ	03-07

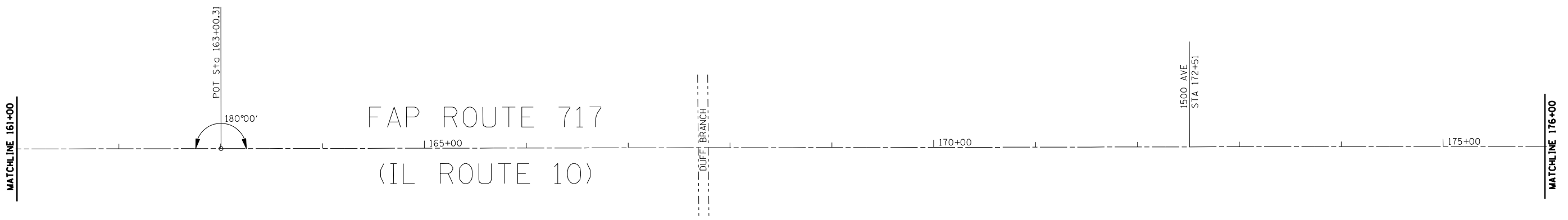
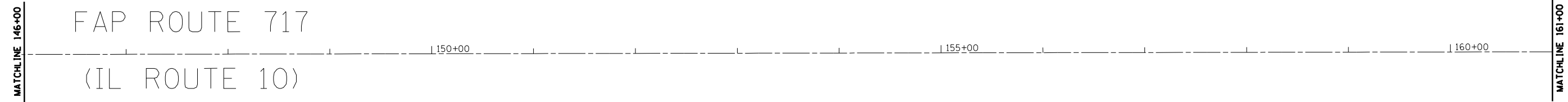
ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	18
STA. 131+00		TO STA. 188+00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72825				



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REVISIONS	
NAME	DATE
TMJ	03-07

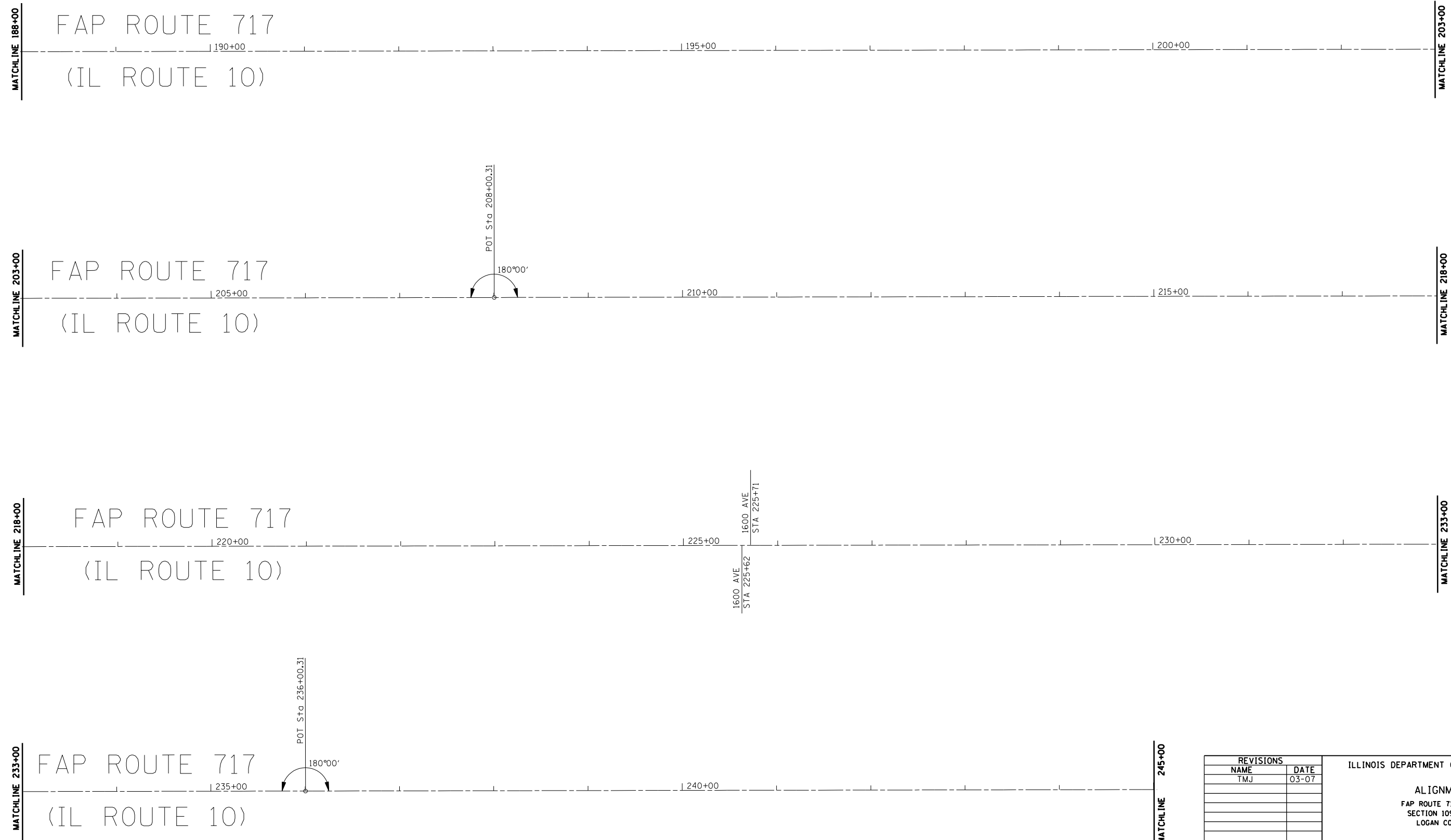
ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	19
STA. 188+00		TO STA. 245+00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



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REVISIONS	
NAME	DATE
TMJ	03-07

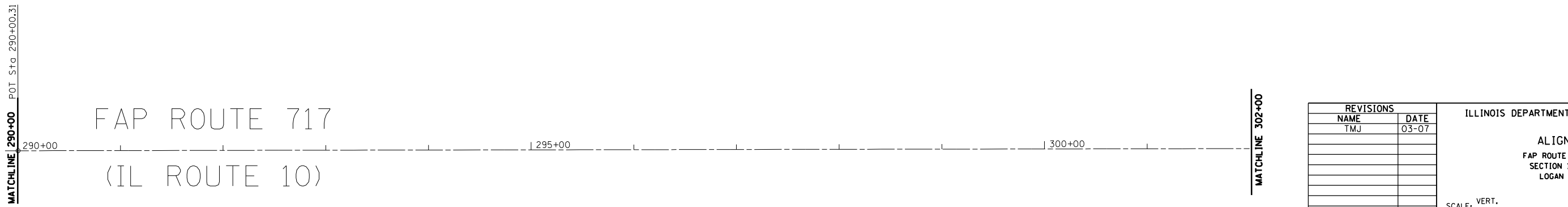
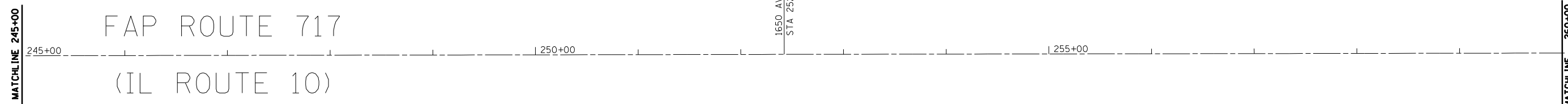
ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	20
STA. 245+00		TO STA. 302+00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72825				



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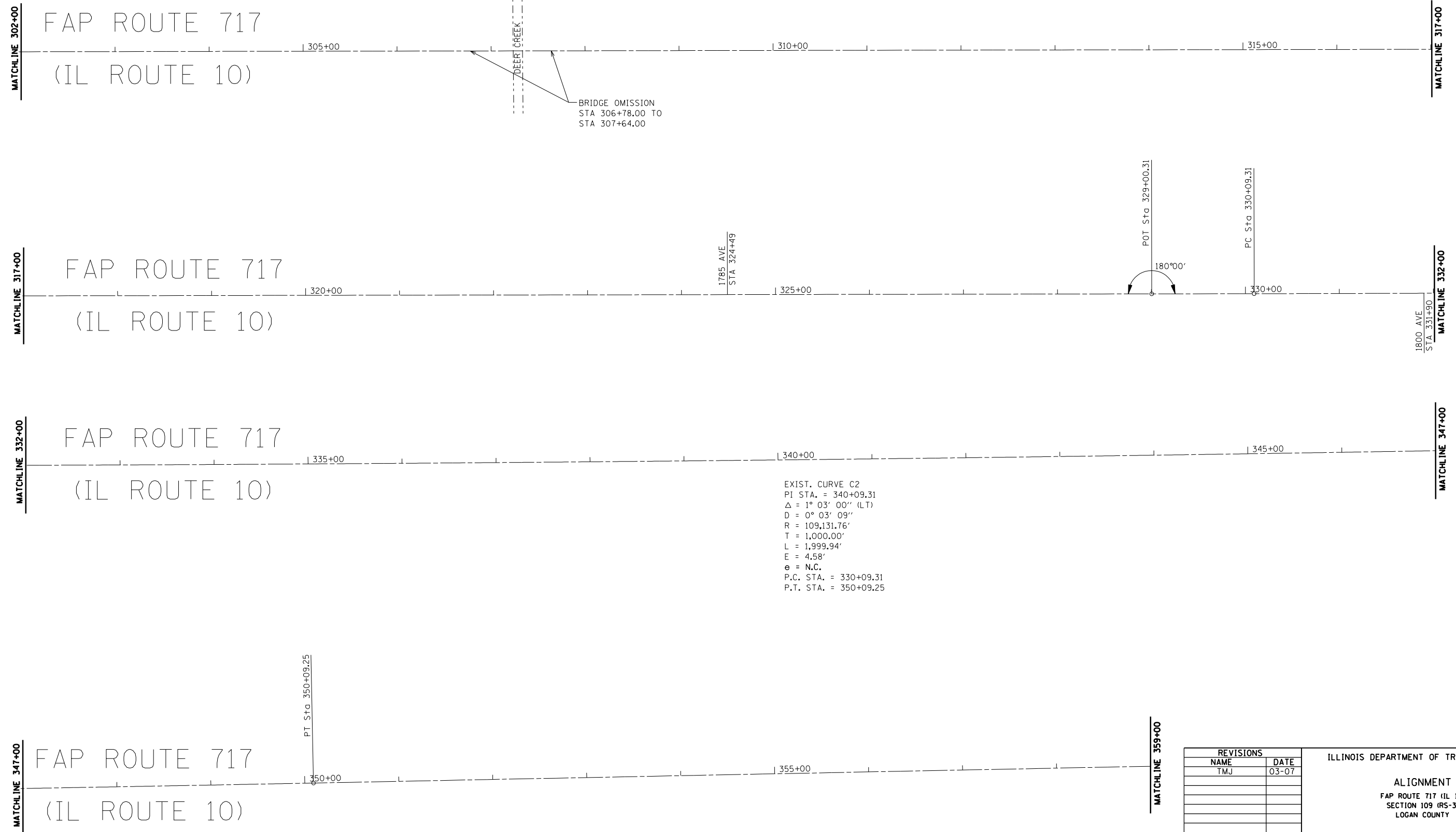
REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	21
STA. 302+00		TO STA. 359+00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72825				



EXIST. CURVE C2
 PI STA. = 340+09.31
 Δ = 1° 03' 00" (LT)
 D = 0° 03' 09"
 R = 109,131.76'
 T = 1,000.00'
 L = 1,999.94'
 E = 4.58'
 e = N.C.
 P.C. STA. = 330+09.31
 P.T. STA. = 350+09.25

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

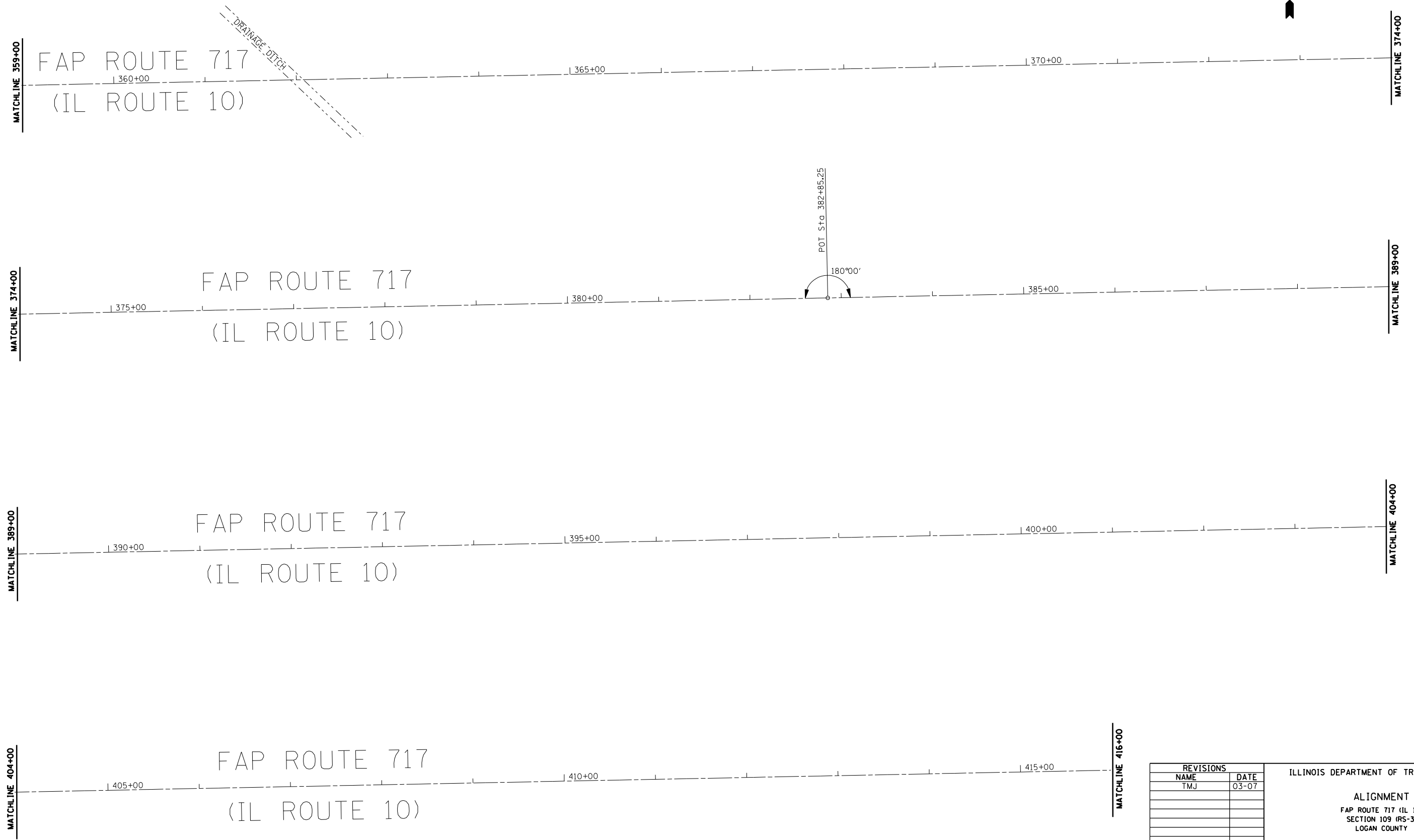
SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	22
STA. 359+00		TO STA. 416+00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 72825



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REVISIONS	
NAME	DATE
TMJ	03-07

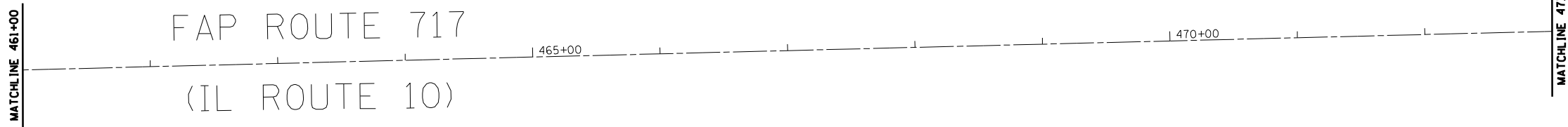
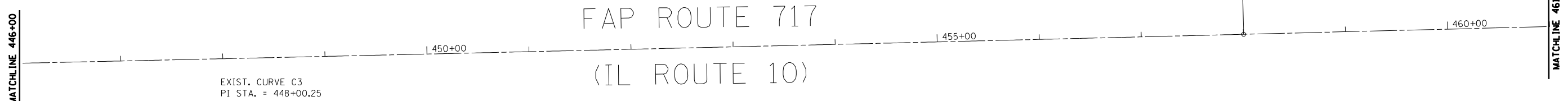
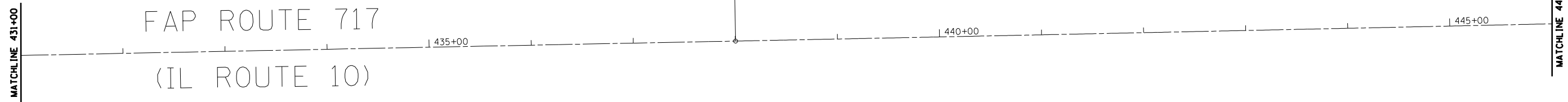
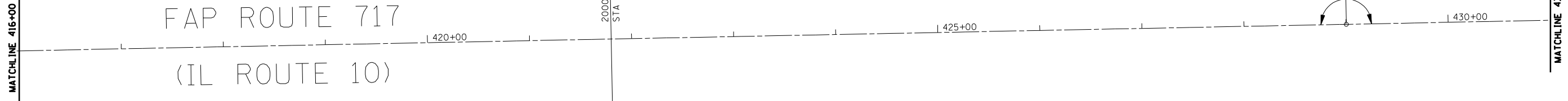
ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	23
STA. 416+00		TO STA. 473+00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72825				



EXIST. CURVE C3
 PI STA. = 448+00.25
 $\Delta = 0^\circ 18' 00''$ (LT)
 $D = 0^\circ 00' 54''$
 $R = 381,970.99'$
 $T = 1,000.00'$
 $L = 2,000.00'$
 $E = 1.31'$
 $e = 1.50\%$
 $T.R. = 48'$
 $S.E. RUN = 40'$
 $P.C. STA. = 438+00.25$
 $P.T. STA. = 458+00.25$

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

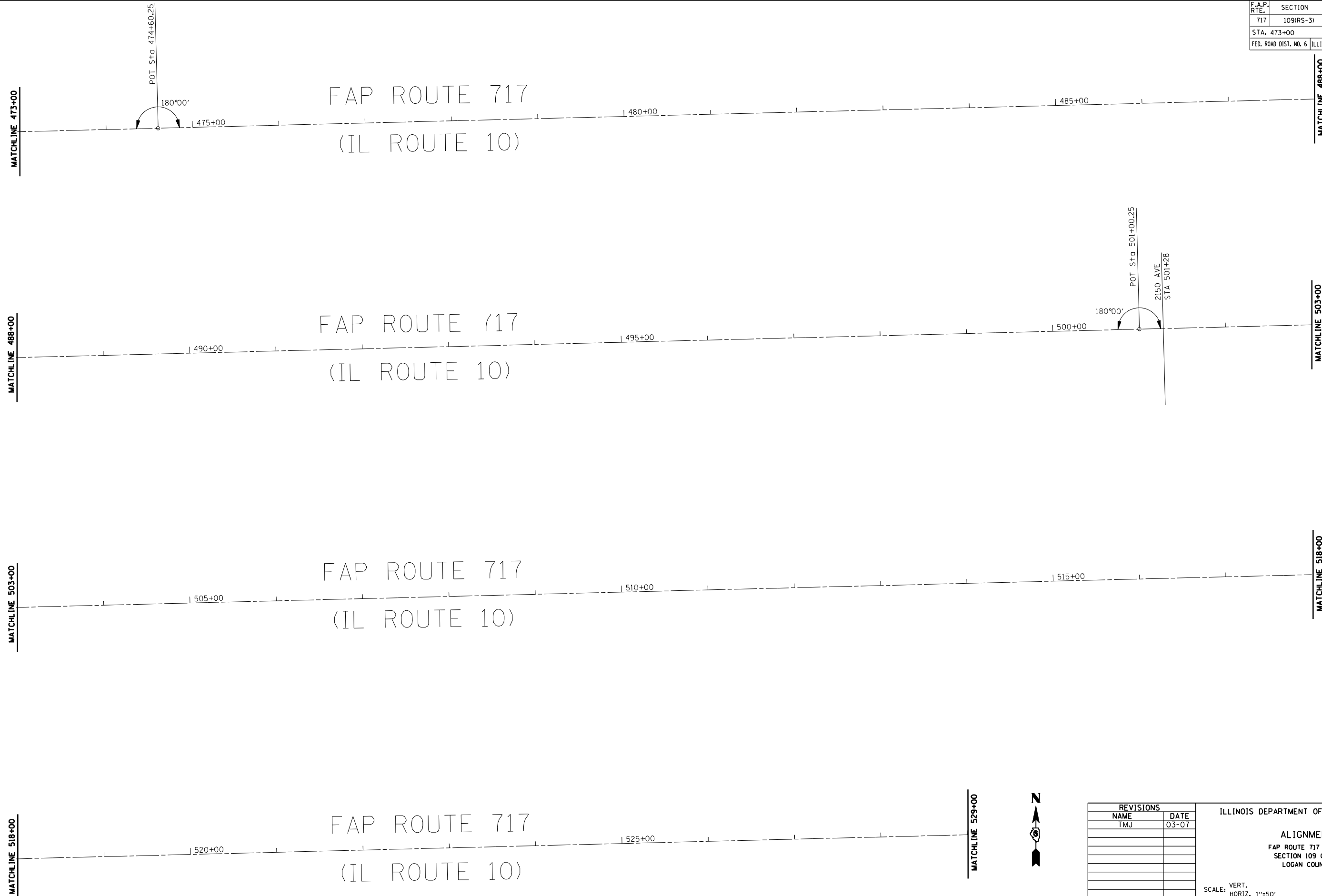
SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	24
STA. 473+00		TO STA. 529+00		
FED. ROAD DIST. NO. 6		ILLINOIS		FED. AID PROJECT

CONTRACT NO. 72825



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REVISIONS	
NAME	DATE
TMJ	03-07

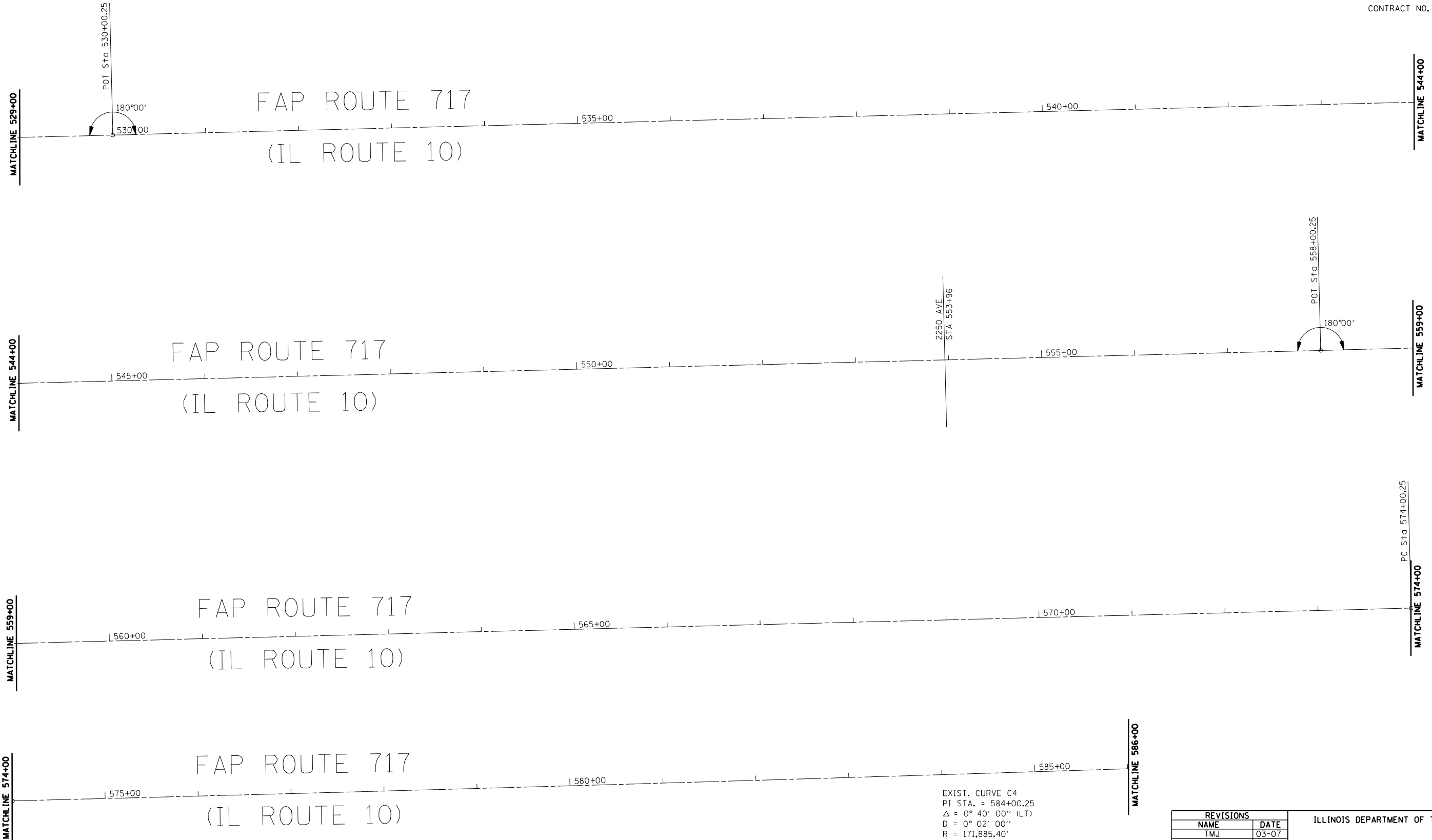
ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	25
STA. 529+00		TO STA. 586+00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72825				



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EXIST. CURVE C4
 PI STA. = 584+00.25
 $\Delta = 0^\circ 40' 00''$ (LT)
 $D = 0^\circ 02' 00''$
 $R = 171,885.40'$
 $T = 1,000.00'$
 $L = 1,999.98'$
 $E = 2.91'$
 $e = N.C.$
 P.C. STA. = 574+00.25
 P.T. STA. = 594+00.22

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

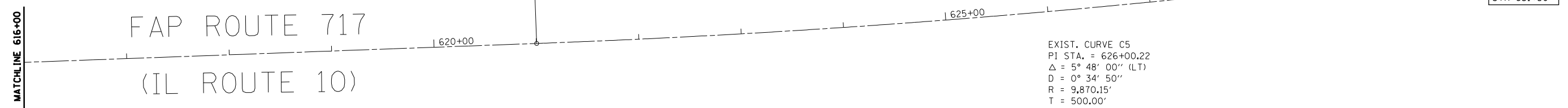
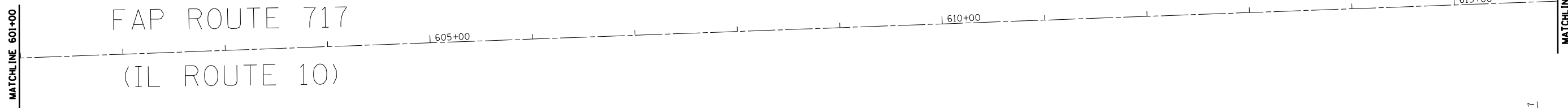
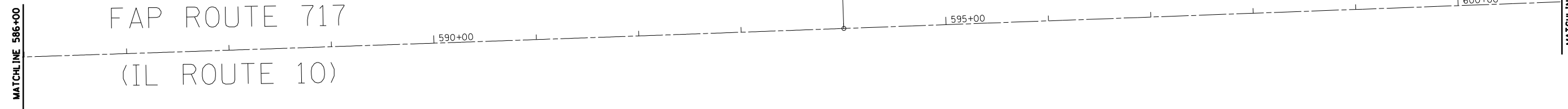
ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=20'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109(RS-3)	LOGAN	31	26
STA. 586+00		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72825				



EXIST. CURVE C5
 PI STA. = 626+00.22
 $\Delta = 5^\circ 48' 00''$ (LT)
 $D = 0^\circ 34' 50''$
 $R = 9,870.15'$
 $T = 500.00'$
 $L = 999.15'$
 $e = 12.66'$
 $e = 1.50\%$
 $T.R. = 40'$
 $S.E. RUN = 41'$
 $P.C. STA. = 621+00.22$
 $P.T. STA. = 630+99.37$
 $S.E. TRANSITION:$
 $STA. 620+00 - 621+50$
 $STA. 630+48.6 - 631+98.6$

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REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

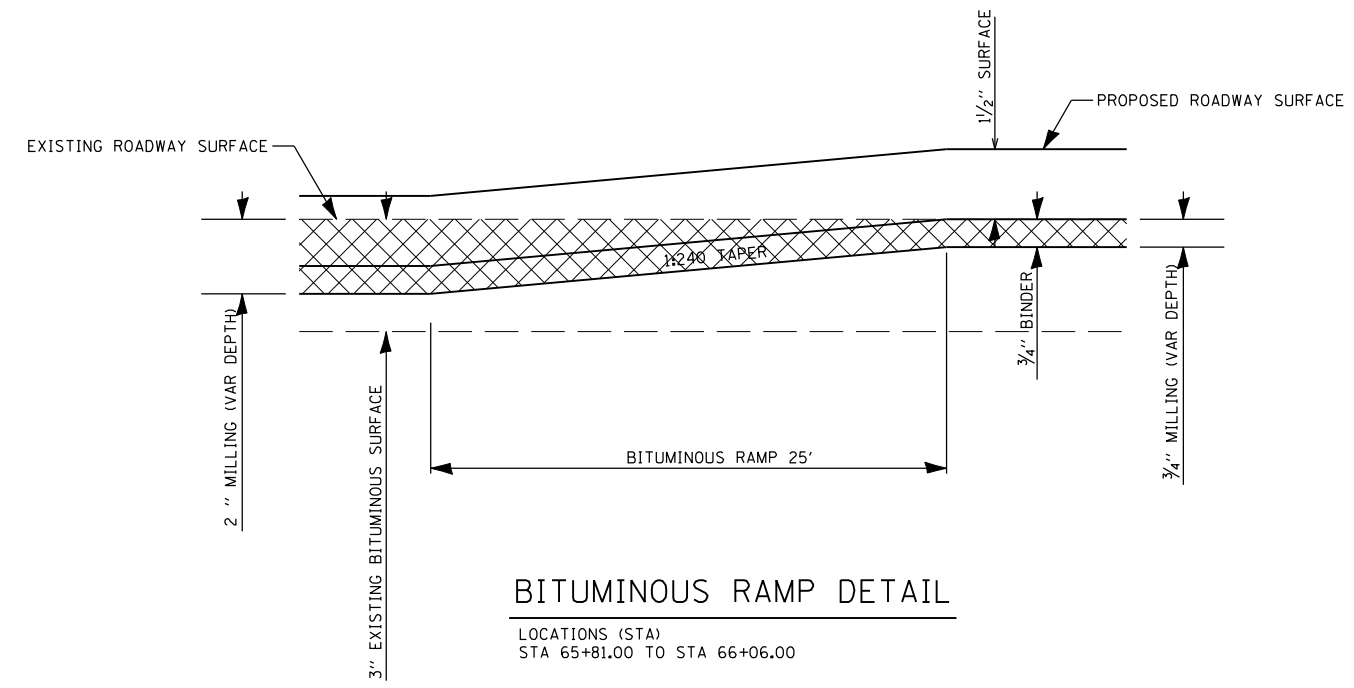
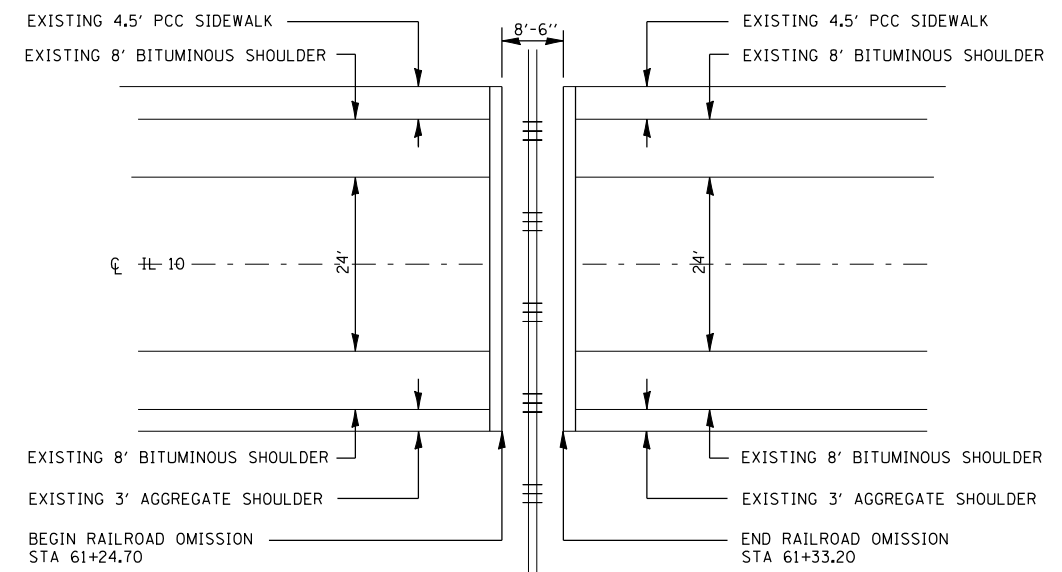
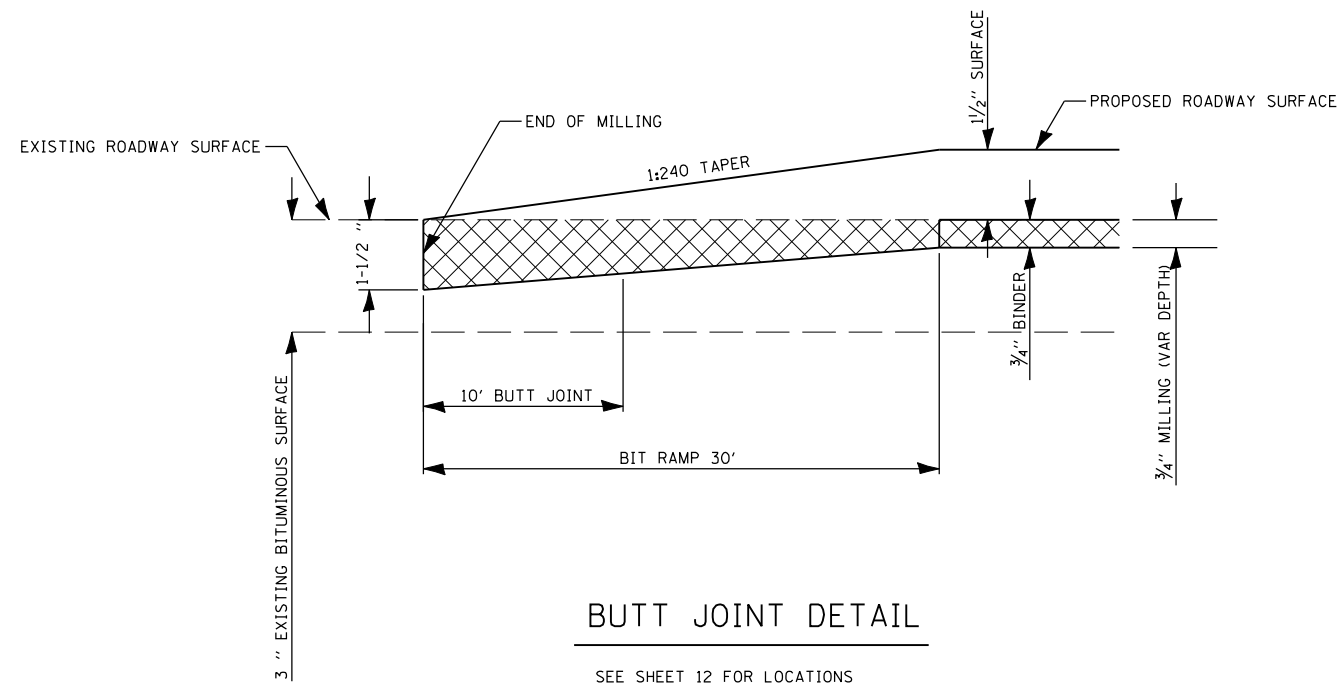
ALIGNMENT
 FAP ROUTE 717 (IL 10)
 SECTION 109 (RS-3)
 LOGAN COUNTY

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: AUG 2004

DRAWN BY: LJR
 CHECKED BY: LDB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	27
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 72825



REVISIONS	
NAME	DATE

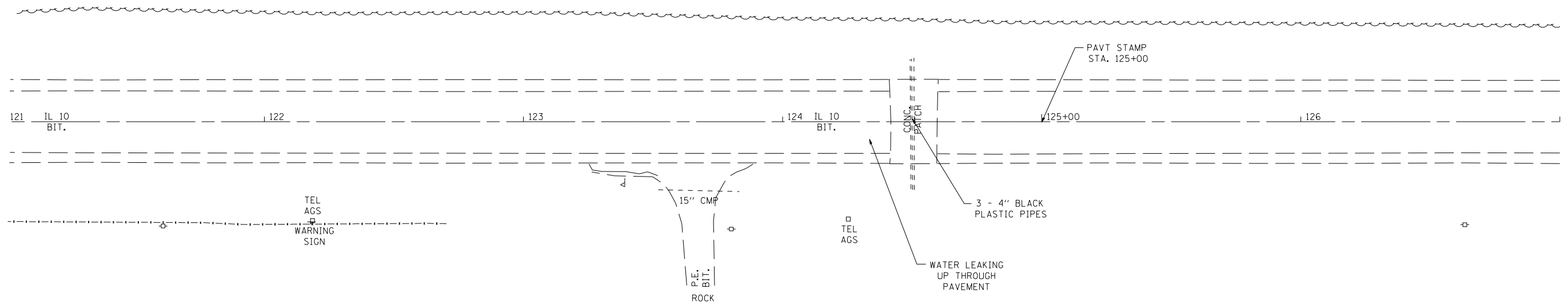
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS
FAP ROUTE 717 (IL 10)
SECTION 109 (RS-3)
LOGAN COUNTY
SCALE: NONE
DATE: AUG 2004
DRAWN BY: MLH
CHECKED BY: LDB

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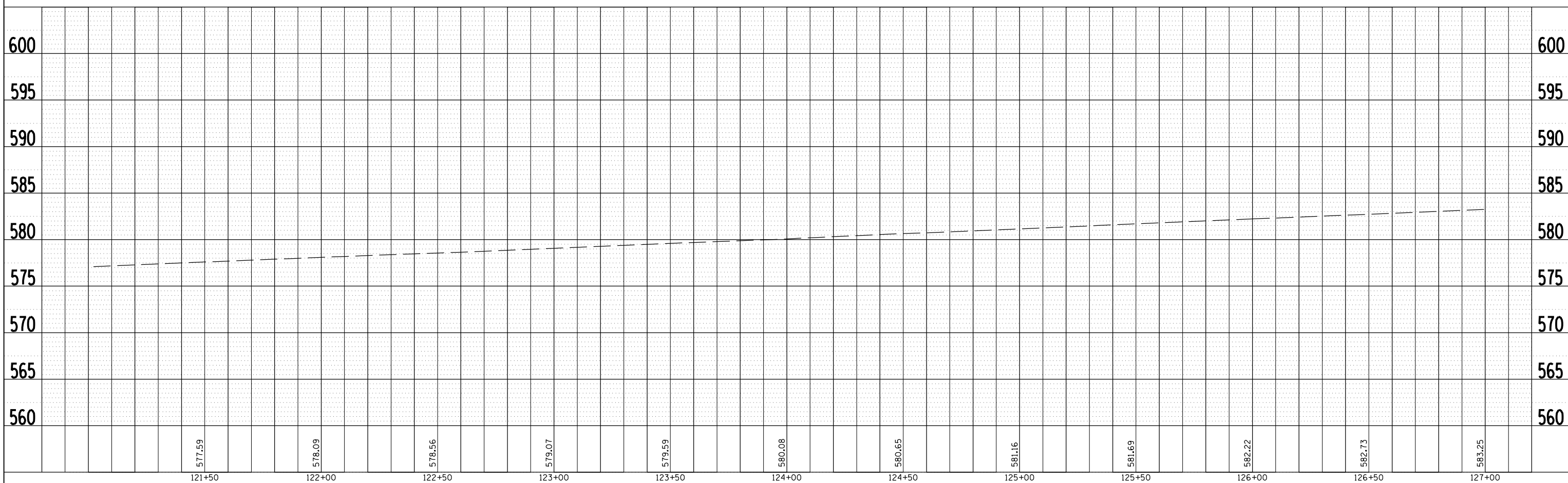
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109RS-3	LOGAN	31	28
STA. 121+00		TO STA. 127+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
Contract No. 72828				



PLAN	SURVEYED	BY	DATE
NO. _____	PLotted		
	Checked		
	By		
	Noted		
	Structure		
	Notations		
	Checked		
	By		
	Noted		
	Structure		
	Notations		
	Checked		
	By		
	Noted		
	Structure		
	Notations		



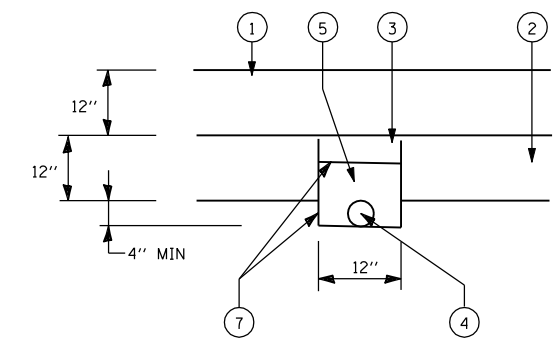
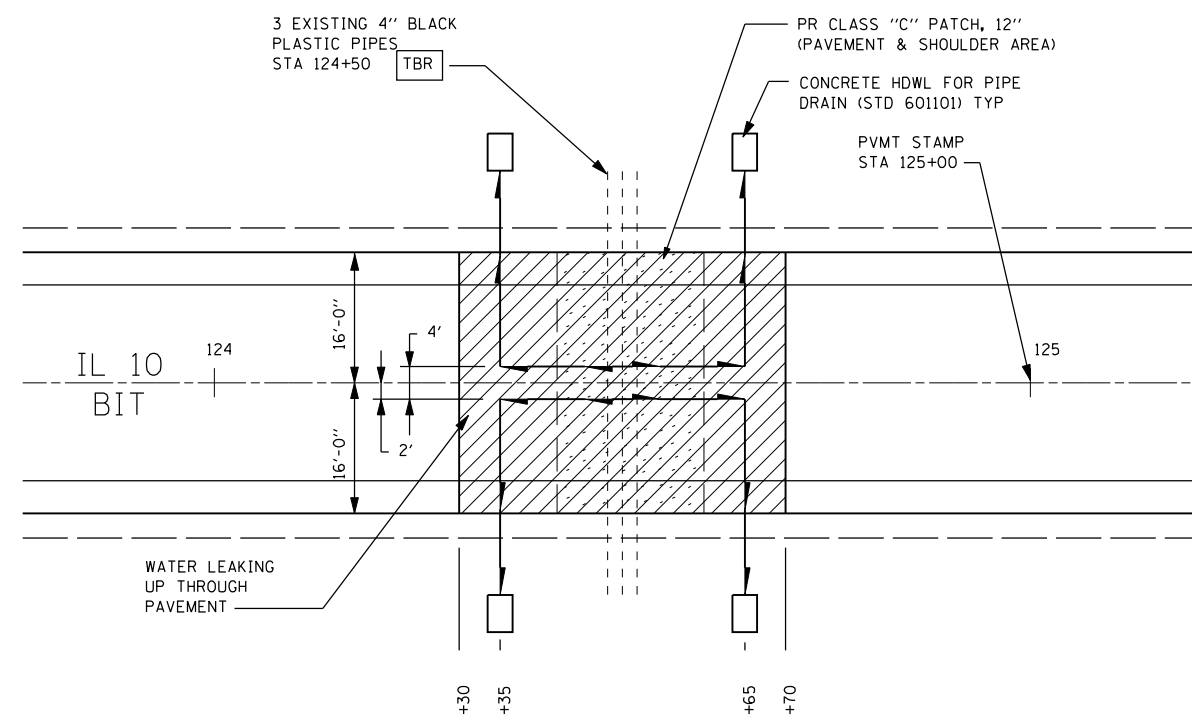
PROFILE	SURVEYED	BY	DATE
NO. _____	Plotted		
	Checked		
	By		
	Noted		
	Structure		
	Notations		
	Checked		
	By		
	Noted		
	Structure		
	Notations		



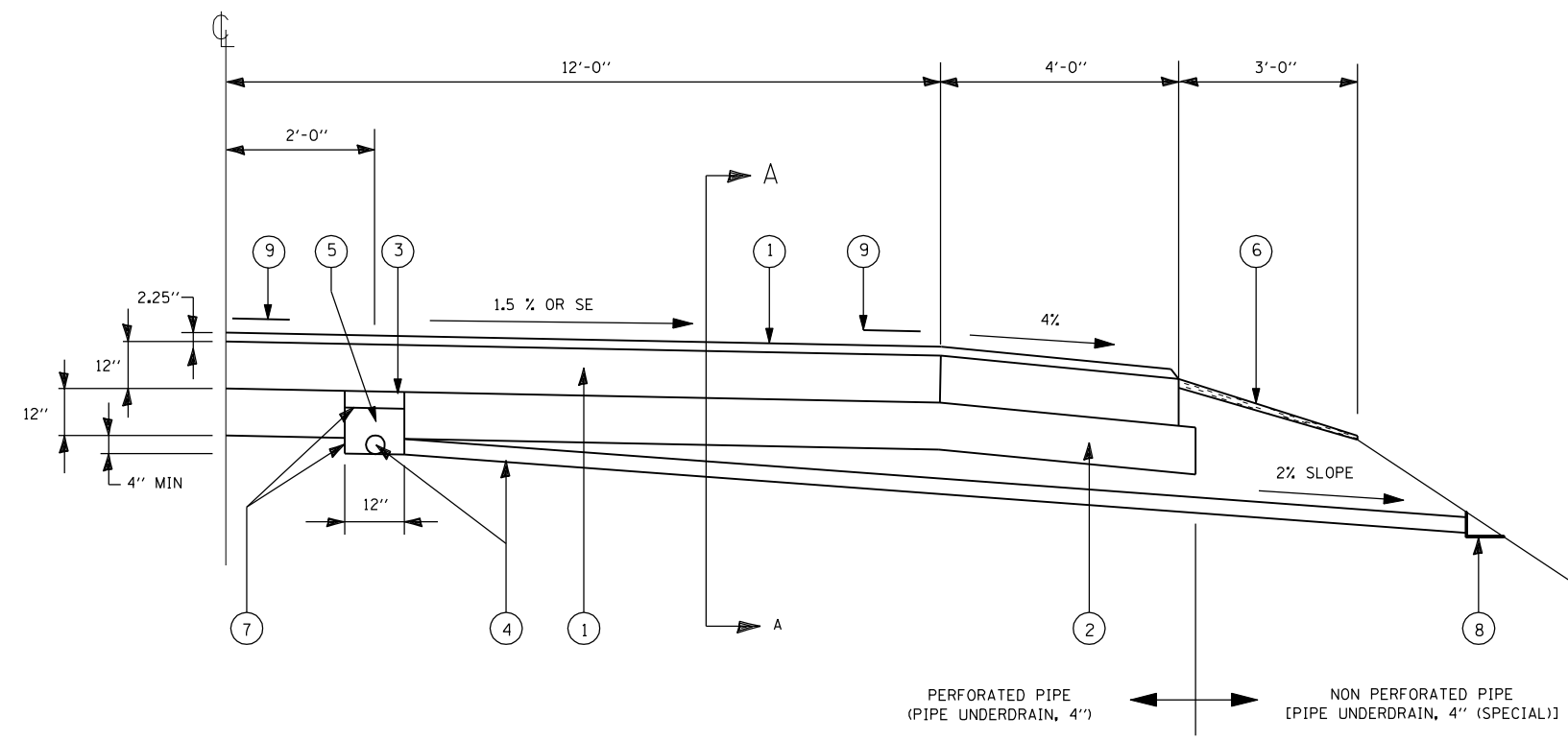
•DGN-SPEC•
•DATE-TIME• \$TIME\$ •USER•

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	29
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 72825



SECTION A-A



GENERAL NOTES

DRAIN MATERIAL AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON PERFORATED PIPE AND THE GRANULAR BACKFILL AND CRUSHED STONE SHALL BE CA 16

GEOTECHNICAL FABRIC SHALL BE NON-WOVEN NEEDLE PUNCHED MATERIAL.

BACKFILL MATERIAL WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE COST PER UNIT FOR THE PAY ITEM PIPE DRAINS 4".

- ① PROPOSED CLASS "C" PATCH, 12"
- ② PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- ③ PROPOSED GRANULAR BACKFILL (CA 16)
- ④ PROPOSED 4" PERFORATED PIPE UNDERDRAIN
- ⑤ PROPOSED GRAVEL OR CRUSHED ROCK STONE (CA 16)
- ⑥ PROPOSED AGGREGATE SHOULDER TYPE B
- ⑦ PROPOSED GEOTECHNICAL FABRIC FOR FRENCH DRAINS
- ⑧ PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN (STD. 601101)
- ⑨ PROPOSED PAINT PAVEMENT MARKING LINE - 5"

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

FAP ROUTE 717 (IL 10)
SECTION 109 (RS-3)
LOGAN COUNTY

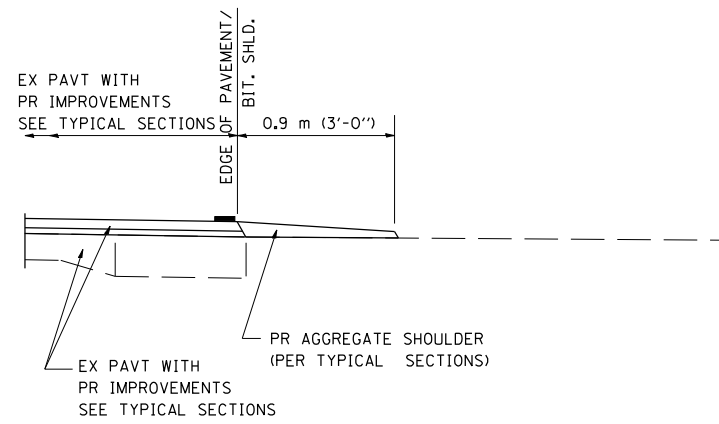
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DATE: AUG 2004

DRAWN BY: MLH
CHECKED BY: LDB

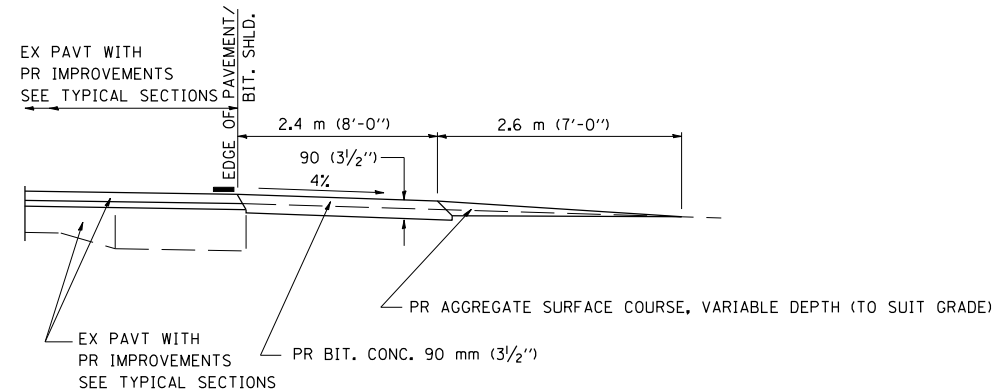
G:\PROG\CIVIL\G13303.74\DCN\DRAINAGE DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109 (RS-3)	LOGAN	31	30
STA. 57+64.50		TO STA. 631+30.00		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		

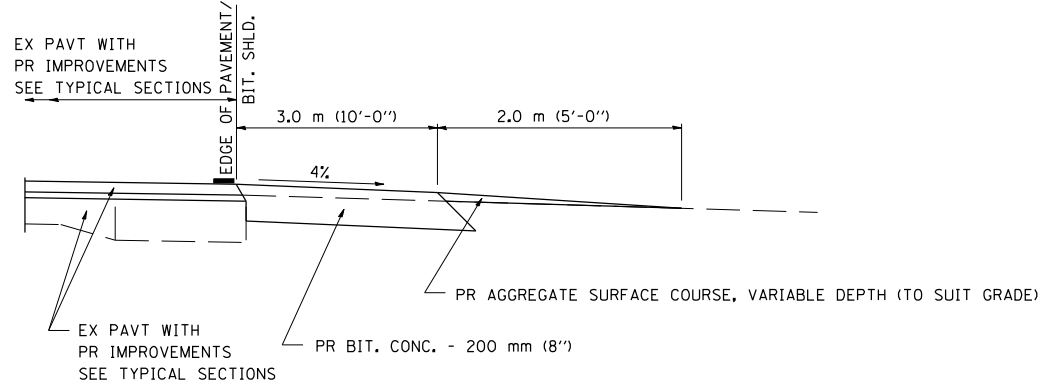
CONTRACT NO. 72825



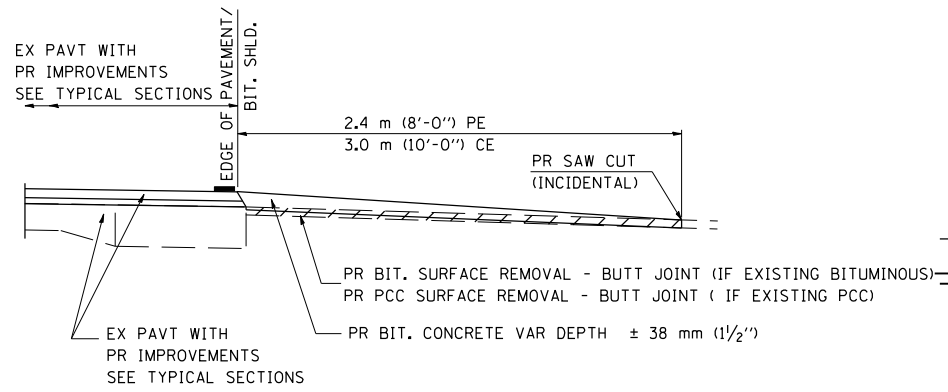
SECTION A-A FOR EX EARTH/AGGREGATE FE



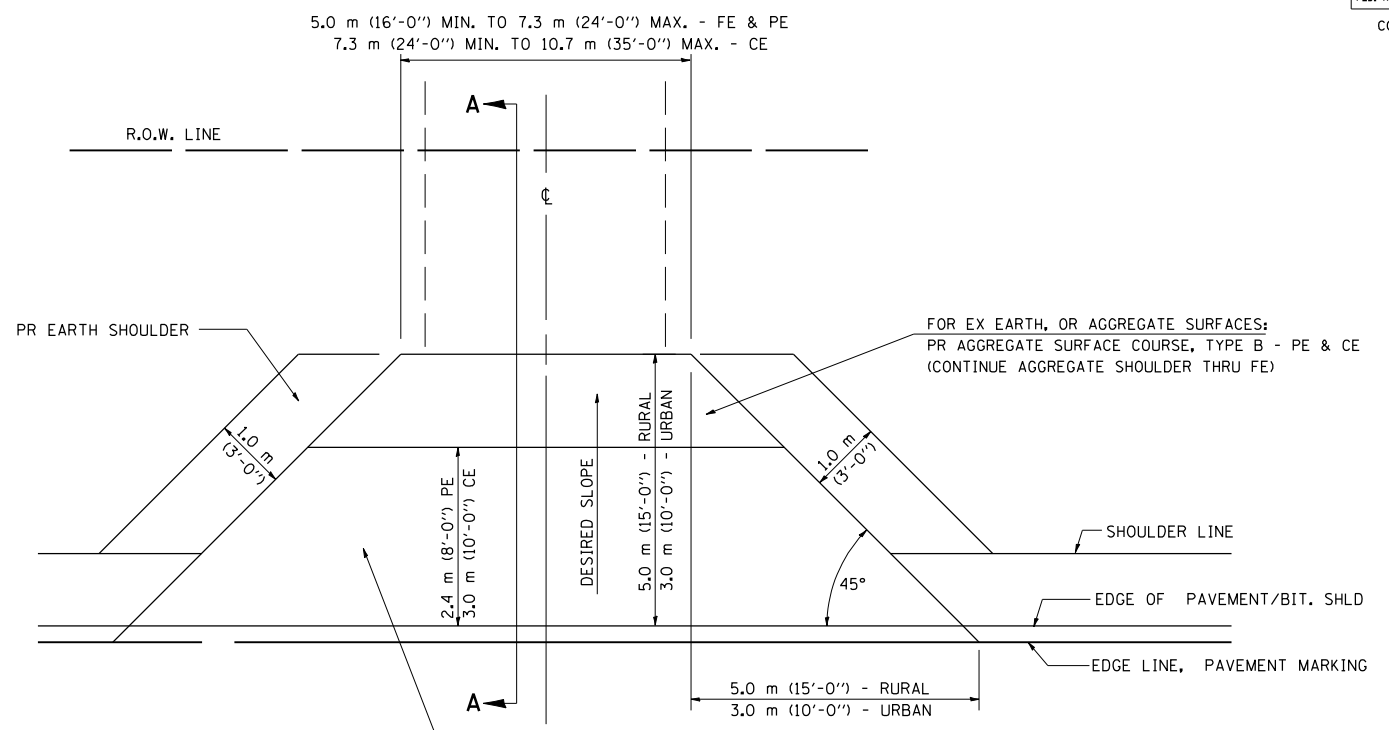
SECTION A-A FOR EX EARTH/AGGREGATE PE



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 BIT SURFACE REMOVAL (IF APPLICABLE)
PR AGGREGATE SHOULDER THRU - FE
PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
PR BITUMINOUS CONCRETE 200mm (8") - CE
- FOR EX BITUMINOUS CONCRETE SURFACES:
PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT
- FOR EX PCC SURFACES:
PR PCC SURFACE REMOVAL-BUTT JOINT

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.

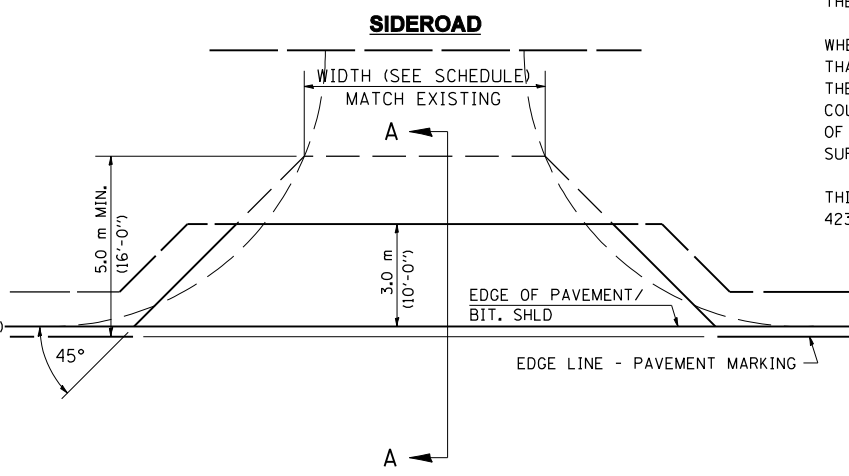
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS 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 BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT, THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.



NOTE : IF BIT. SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

REVISIONS	
NAME	DATE
JCN	2/19/03

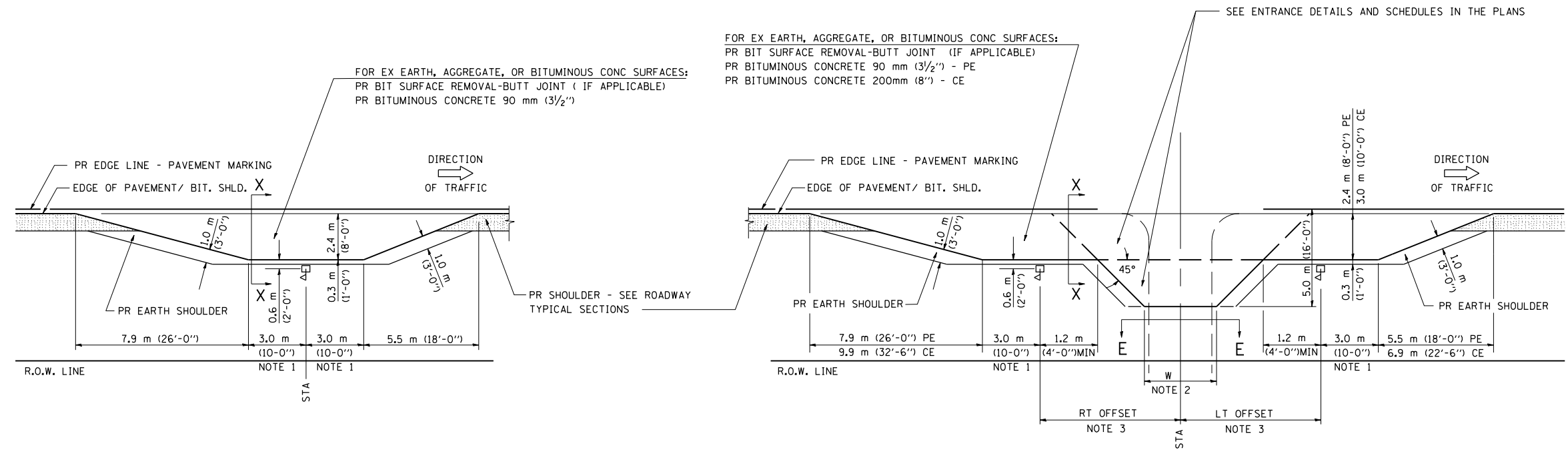
SHEET 1 OF 2

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
& SIDEROADS
W / O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT. DRAWN BY CADD
 HORIZ. CHECKED BY JCN
DATE: FEBRUARY 23, 1999

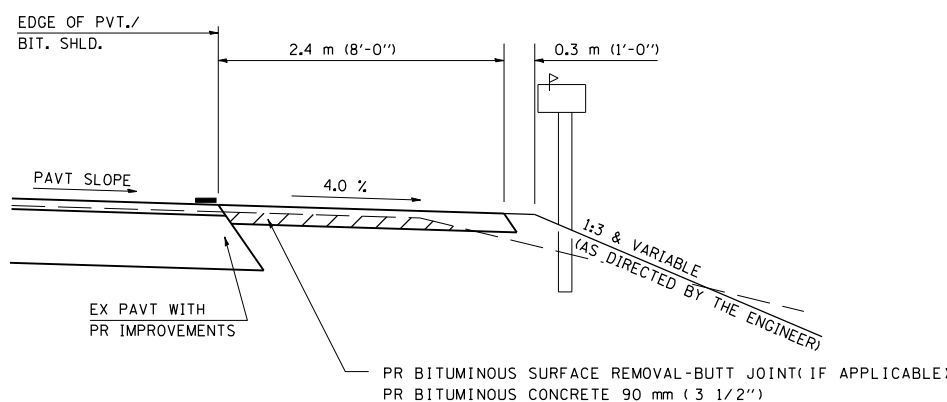
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DATE-TIME
REF01

DETAILS OF MAILBOX TURNOUTS



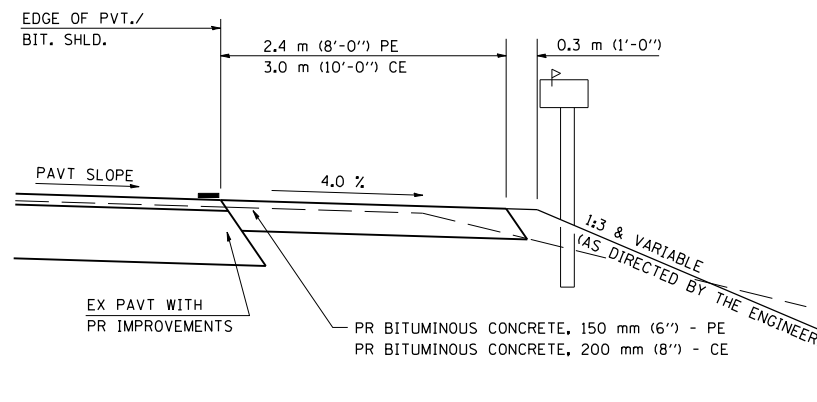
PLAN - MAILBOX TURNOUTS

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 BITUMINOUS PE & FE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
 IF EXISTING, TREAT SAME AS ENTRANCE.)



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

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
 IF EXISTING, TREAT SAME AS ENTRANCE.)

- 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 (INCHES)
 UNLESS OTHERWISE SHOWN.

SHEET 2 OF 2

REVISIONS	
NAME	DATE
JCN	2/19/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
& SIDEROADS
W / O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT. DRAWN BY CADD
 HORIZ. CHECKED BY JCN
 DATE: FEBRUARY 23, 1999