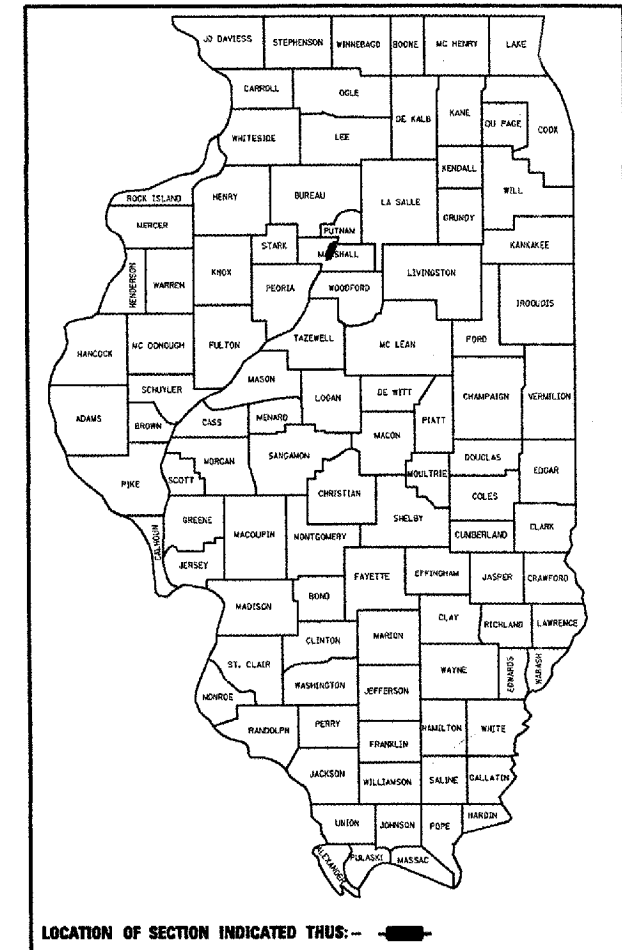


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3;	MARSHALL	28	1
645	(106)RS-5			

D-94-050-03



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 318 (IL-29)
FAP ROUTE 645 (IL-17)
SECTION 1RS-1, 2RS-2, 3RS-3; (106)RS-5
PROJECT C-94-058-03
MARSHALL COUNTY

PROJECT NO. ACNHF-0318(010)

INDEX OF SHEETS

1. COVER SHEET
- 2-3. GENERAL NOTES
4. SUMMARY OF QUANTITIES
- 5-12. TYPICAL SECTIONS
13. LINE DIAGRAM
- 14-19. SCHEDULE OF QUANTITIES
20. WEIGHT STATION DETAIL
21. SCOUR MITIGATION DETAIL: S. N. 062-0004
- 22-24. PAVEMENT MARKING DETAIL
- 25-28. CADD STANDARDS

HIGHWAY STANDARDS

- 442201-03 701106-01 701901
- 482001-02 701311-02 780001-01
- 701001-01 701306-01 781001-02
- 701101-01 701336-04

DISTRICT STANDARDS

- 406101 - D4
- 440001 - D4

PROJECT DESCRIPTION

THE WORK ON THIS PROJECT CONSIST OF PATCHING, MILLING AND RESURFACING ON IL 29; INCLUDING EROSION REPAIRS & PATCHING ALONG IL 17W & OTHER COLLATERAL WORK.

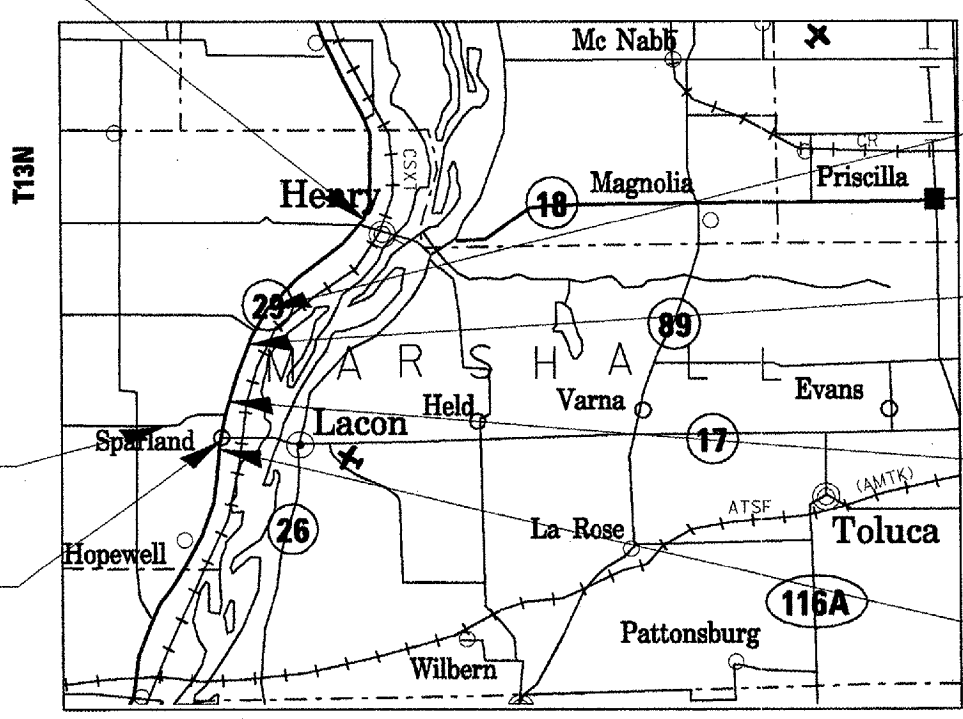
OTHER PRINCIPAL ARTERIAL
CLASS II TRUCK ROUTE
ADT = 5,600 (2005)
MU = 8.6% (2005)
SU = 7.1% (2005)

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

IMPROVEMENT BEGINS
STA. 7+98

IMPROVEMENT IL 17W
STA. 532+35 TO
STA. 533+60

IMPROVEMENT ENDS
STA. 386+34.51



SN 062-0004
STA. 219+28
SCOUR MITIGATION
UNDER P1; MILLING
& RESURFACING

STATION EQUATION
STA. 284+19.50 (BK.)
= STA. 284+23.25 (AH.)

BRIDGE OMISSION
SN 062-0056
STA. 360+58

BRIDGE OMISSION
SN 062-0057
STA. 386+93

GROSS LENGTH = 38655 FT. = 7.32 MILES
NET LENGTH = 38474 FT. = 7.29 MILES

PROJECT ENGINEER: M. ADDIS (309) 671-3454

DESIGNER: M. MOHAMED (309) 671-3465

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Oct 18, 2007*

Eric E. Starn
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Christine M. Reed
ENGINEER OF DESIGN AND ENVIRONMENT

Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2,	MARSHALL	28	2
645	3RS-3;			
	(106)RS-5			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DESIGN CRITERIA

THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH PAVEMENT PRESERVATION POLICIES, PROCEDURES AND GUIDELINES.

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICRO STATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE. NO COMMITMENTS WERE MADE ON THIS PROJECT.

PROPERTY OWNER ACCESS REQUIREMENTS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. NO TWO CONSECUTIVE SIDE STREETS (ROADS) MAY BE CLOSED AT THE SAME TIME DURING CONSTRUCTION. THE CONTRACTOR MUST ALTERNATE STREETS (ROADS).
2. ADJACENT SIDE ROADS WILL NOT BE CLOSED SIMULTANEOUSLY. BLR STANDARD 21 SHALL BE USED FOR ALL LOCAL ROAD CLOSURES WITHOUT ANY ENTRANCES WITHIN THE CLOSED AREA. BLR STANDARD 22 CAN BE USED WHERE IT IS NECESSARY TO ALLOW LOCAL TRAFFIC ACCESS.

WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

PRIOR TO SHUTDOWN THE FOLLOWING STEPS SHALL BE TAKEN:

- * ALL COLD MILLED SURFACES SHALL BE OVERLAID.
- * ALL LANES SHALL BE REOPENED TO TRAFFIC.
- * MANHOLES, WHERE APPLICABLE, SHALL BE ADJUSTED TO THE ELEVATION OF THE BINDER COURSE/LEVELING BINDER TO EASE IN PLOWING SNOW, AND RE-ADJUSTED TO FINISHED GRADE IN THE SPRING. THE INITIAL MANHOLE ADJUSTMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE AND ANY RE-ADJUSTMENT, AS DIRECTED BY THE ENGINEER, WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- * TEMPORARY OR PERMANENT PAVEMENT MARKING SHALL BE PLACED AS APPLICABLE.

CRITICAL PATH WORK SCHEDULE REQUIREMENT

THE CONTRACTOR WILL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.

EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

EARTH EXCAVATION AND BACKFILL FOR PROPOSED CURB AND GUTTER AND DRIVEWAY PAVEMENTS SHALL BE INCLUDED IN THE UNIT COST OF THE VARIOUS ITEMS.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- * BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- * A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- * SIGNED PROPERTY OWNER AGREEMENT FORM - D4 P10100
- * COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- * BORROW AREA ENTRY AGREEMENT FORM - D4 P10101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

AGGREGATE (DESCRIPTION), TYPE B

AGGREGATE (DESCRIPTION), TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACES THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES
SCALE:	VERT. DATE	HORIZ. DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2,	MARSHALL	28	3
645	3RS-3; (106)RS-5			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

BRIDGE OVERLAY NOTIFICATION

AFTER PLACEMENT OF THE BRIDGE DECK OVERLAY, THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT BRIDGE MAINTENANCE ENGINEER OF THE "AS CONSTRUCTED" MILLING DEPTH AND OVERLAY THICKNESS FOR UPDATING THE ILLINOIS HIGHWAY INFORMATION SYSTEM.

PAVEMENT STATIONING NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20mm) WIDE, 5 INCHES (125mm) HIGH AND 5/8 INCH (15mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS - 6 INCHES (150mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- * 2, 3 & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- * MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- * RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S):	SURFACE COURSE	LEVELING BINDER	LEVELING BINDER	INCIDENTAL SURFACE	BITUMINOUS SHOULDER (TOP LIFT)	CLASS D PATCHES
AC/PC:	PG 64-22	SBS 70-22	SBS 70-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)**:	15%	0%	0%	15%	30%	15%
DESIGN AIR VOIDS:	4.2% @ N=50	4.0% @ N=50	2.5% @ N=50*	4.2% @ N=50	3.0% @ N=30	4.2% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 4.75	IL 4.75	IL 9.5 OR IL 12.5	IL 9.5 L	IL 9.5 OR IL 12.5
FRICITION AGGREGATE	MIXTURE D	N.A.	N.A.	MIXTURE C	MIXTURE C	MIXTURE D

* VOIDS WILL BE ADJUSTED DOWNWARD TO 2.5% @ N=50 FOR LEVELING BINDER PLACED ON EXISTING BRIDGE DECKS AT S.N. 062-0004.

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

ENGINEERS FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (j) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

JOB SPECIFIC NOTES

HOT-MIX ASPHALT SURFACE REMOVAL TRANSITION

TRANSITION HOT-MIX ASPHALT SURFACE REMOVAL FROM 2 1/4" TO 1 1/2" FROM STA. 95+55 TO STA. 95+65. THE TRANSITION SECTION WILL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4".

IL 17W SHOULDER

FOR THE BOTTOM LIFT OF THE SHOULDER AT LT. STA. 532+35 TO STA. 533+60, USE THE SAME MIX AS FOR CLASS D PATCHES.

GRADING & SHAPING

THE GRADING AND SHAPING OF AREAS BEFORE THE PLACEMENT OF RIPRAP SHALL BE INCLUDED IN THE COST OF STONE RIPRAP CLASS A4 & STONE RIPRAP CLASS B4 (SPECIAL).

SEEDING, MINOR AREAS

CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING ALL DISTURB AREAS; PER ARTICLE 250.00. THIS WORK WILL BE INCLUDED IN THE COST OF THE CONTRACT.

PLOT DATE = 11/10/2007
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME =

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES
SCALE:	VERT. DATE	HORIZ. CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	IRS-1, 2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	4
645				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

1000-2A
80% FED.
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
28100207	STONE RIPRAP, CLASS A4	TON	95
28100228	STONE RIPRAP, CLASS B4 (SPECIAL)	TON	74
28200200	FILTER FABRIC	SY YD	92
40600200	BITUMINOUS MATERIAL (PRIME COAT)	TON	75
40600300	AGGREGATE (PRIME COAT) (MACHINE METHOD),	TON	433
40600825	POLYMERIZED LEVELING BINDER N50	TON	4,679
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,083
40600990	TEMPORARY RAMP	SQ YD	400
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	9,525
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	192
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	97,914
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	45,029
44000400	GUTTER REMOVAL	FOOT	125
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	56
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	167
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH	SQ YD	600
44200184	PAVEMENT PATCHING, TYPE III, 15 INCH	SQ YD	175
44200186	PAVEMENT PATCHING, TYPE IV, 15 INCH	SQ YD	80
44300900	REFLECTIVE STRIP CRACK CONTROL TREATMENT, SYSTEM A	FOOT	39,595
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4,064
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3,991
60602600	CONCRETE GUTTER, TYPE A (MODIFIED)	FOOT	125
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	38
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	19,035
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	65
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	94,436

SUMMARY OF QUANTITIES

1000-2A
80% FED.
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	258
70300640	TEMPORARY PAINT PAVEMENT MARKING LINE 8"	FOOT	327
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	818
70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	172
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	65
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	94,436
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	258
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	327
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	818
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	172
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	530
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	326
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
X0322729	MATERIAL TRANSFER DEVICE	TON	9,525
X0322752	WORK ZONE PAVEMENT MARKING REMOVAL	FOOT	3,807
X4060825	POLYMERIZED LEVELING BINDER N50 (SPECIAL) (MACHINE METHOD),	TON	52

*SPECIALTY ITEMS

10/16/2007
 C:\prowork\68355\1021\pave\plan\ell.dgn
 1:100.000
 1:100.000
 1:100.000
 1:100.000

REVISIONS	
NAME	DATE

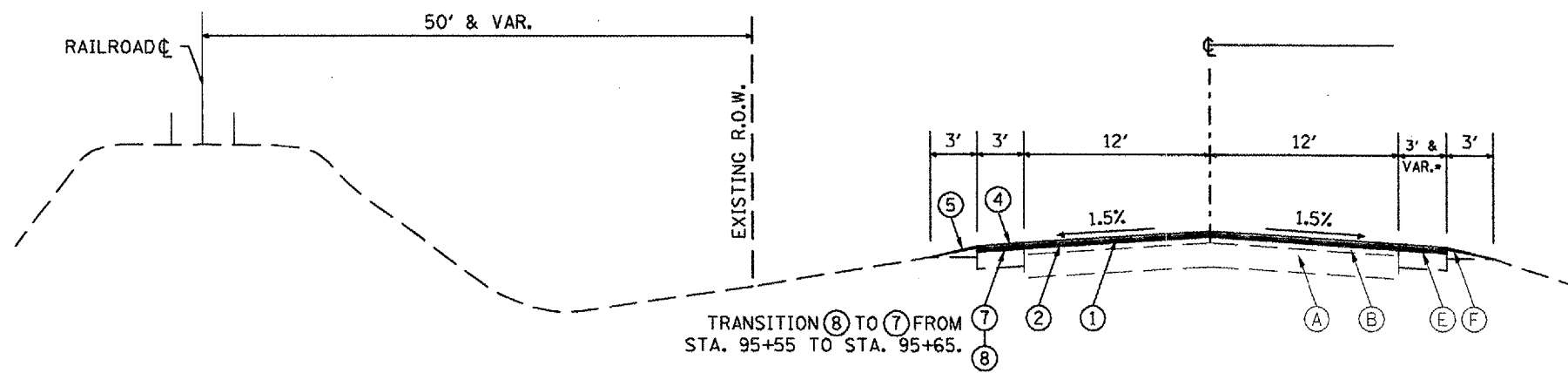
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1,2RS-2, 3RS-3; (106)RS-5	MARSHALL	28	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

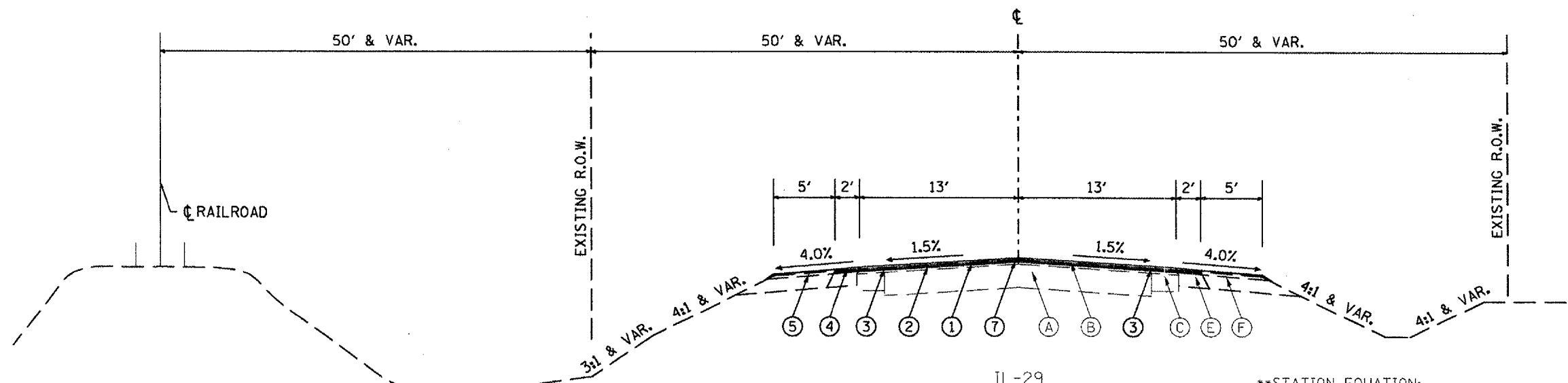


TRANSITION ⑧ TO ⑦ FROM
STA. 95+55 TO STA. 95+65.

IL-29
STA. 7+98.00 TO STA. 81+00.00
*STA. 81+00.00 TO STA. 94+90.00
STA. 94+90.00 TO STA. 113+00.00

LEGEND - PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
- ② POLYMERIZED LEVELING BINDER 3/4"
- ③ STRIP REF. CRACK CONTROL TREATMENT
- ④ HOT-MIX ASPHALT SHOULDER
- ⑤ AGGREGATE WEDGE
- ⑥ CONCRETE GUTTER, TYPE A (MOD.)
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ SHOULDER REMOVAL
- ⑩ GUTTER REMOVAL



IL-29
STA. 113+00.00 TO STA. 217+87.33
STA. 220+67.17 TO STA. 228+49.18
STA. 252+84.46 TO STA. 285+00.00**
STA. 361+46.50 TO STA. 365+94.39
STA. 390+31.50 TO STA. 414+00.00

**STATION EQUATION:
STA. 284+19.50 BK = STA. 284+23.25 AH

LEGEND - EXISTING

- Ⓐ PAVEMENT
- Ⓑ VAR. DEPTH BITUMINOUS OVERLAY
- Ⓒ BASE COURSE WIDENING
- Ⓓ GRANULAR SUBGRADE
- Ⓔ BITUMINOUS SHOULDER
- Ⓕ AGGREGATE SHOULDER
- Ⓖ GUTTER
- Ⓗ SIDEWALK
- Ⓘ 4" PIPE UNDERDRAIN

PLOT DATE = 10/16/2007
PLOT SCALE = 1/8" = 1'-0"
USER NAME = borq

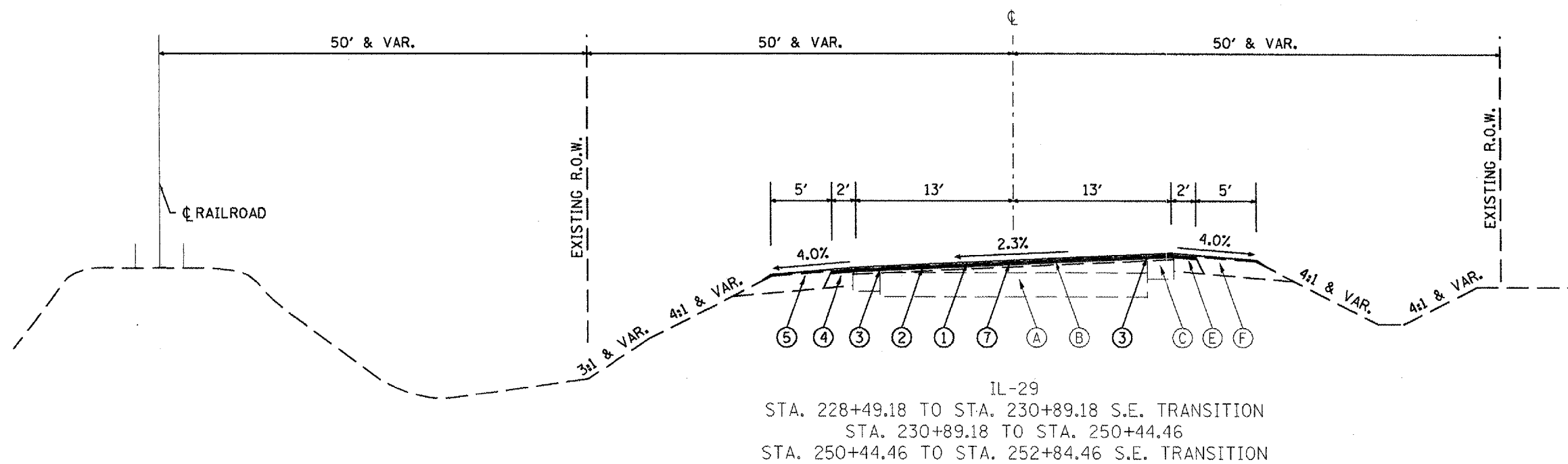
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSE TYPICAL SECTIONS
IL-29

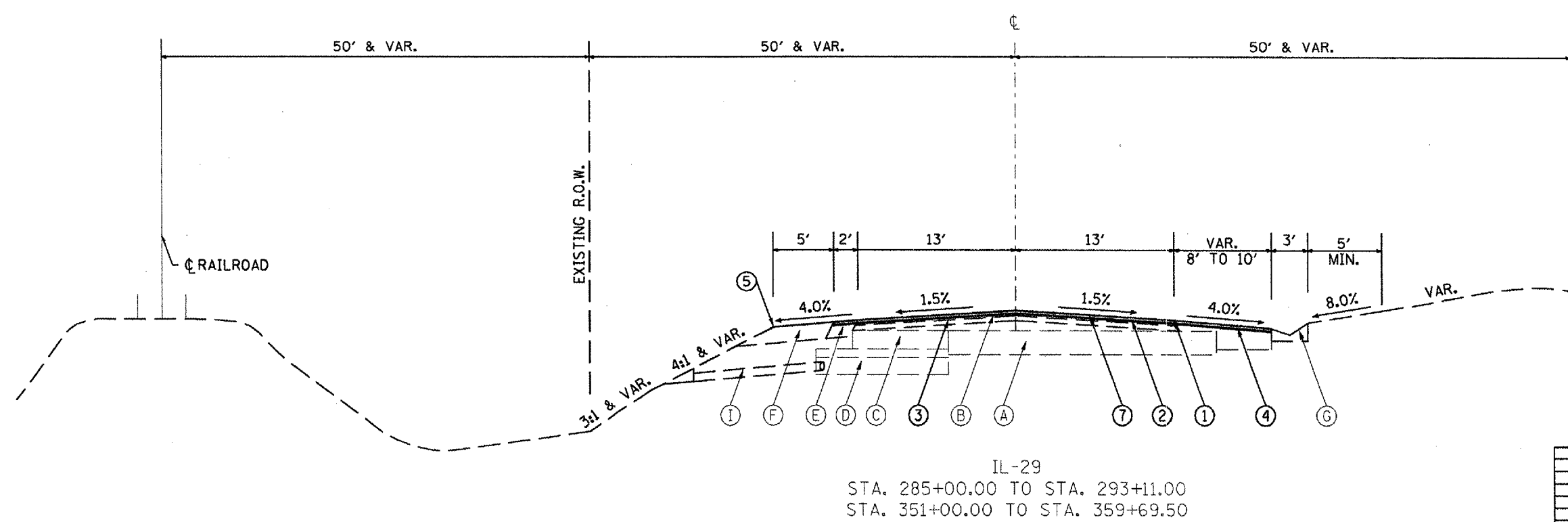
SCALE: VERT. 1" = 10'
HORIZ. 1" = 40'
DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1,2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND - PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
- ② POLYMERIZED LEVELING BINDER 3/4"
- ③ STRIP REF. CRACK CONTROL TREATMENT
- ④ HOT-MIX ASPHALT SHOULDER
- ⑤ AGGREGATE WEDGE
- ⑥ CONCRETE GUTTER, TYPE A (MOD.)
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ SHOULDER REMOVAL
- ⑩ GUTTER REMOVAL



LEGEND - EXISTING

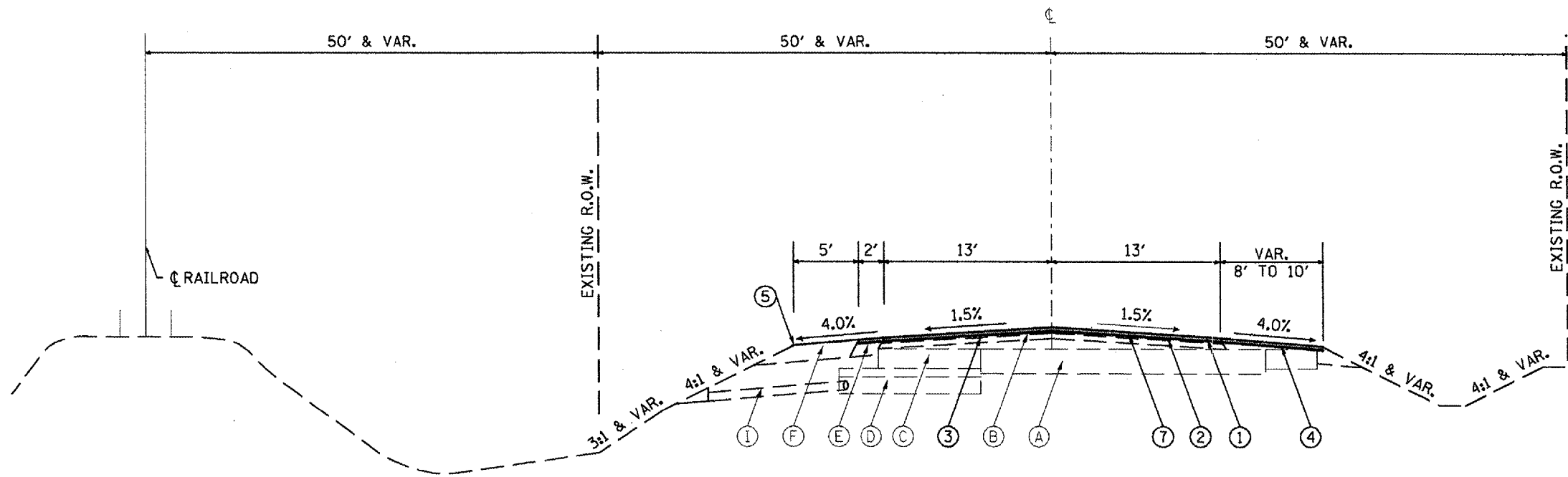
- Ⓐ PAVEMENT
- Ⓑ VAR. DEPTH BITUMINOUS OVERLAY
- Ⓒ BASE COURSE WIDENING
- Ⓓ GRANULAR SUBGRADE
- Ⓔ BITUMINOUS SHOULDER
- Ⓕ AGGREGATE SHOULDER
- Ⓖ GUTTER
- Ⓗ SIDEWALK
- Ⓘ 4" PIPE UNDERDRAIN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSE TYPICAL SECTIONS
 IL-29
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 11/18/2007
 FILE NAME = c:\pwork\68355\112\paper\1\plan\1.dgn
 USER NAME = bpcjg

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1,2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



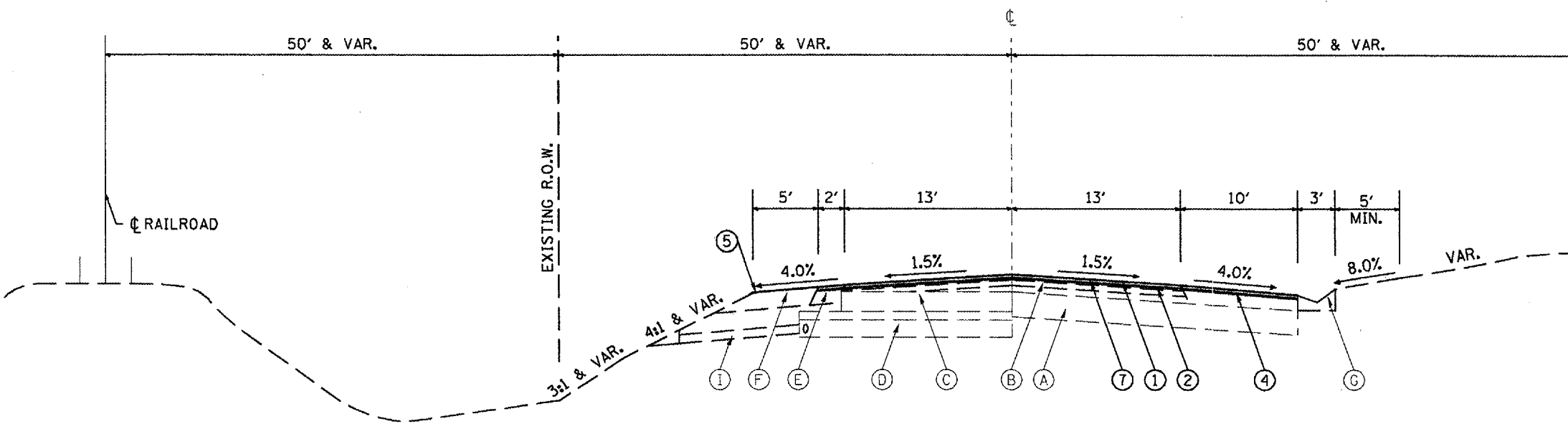
IL-29
STA. 293+11.00 TO STA. 293+69.70

LEGEND - PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
- ② POLYMERIZED LEVELING BINDER 3/4"
- ③ STRIP REF. CRACK CONTROL TREATMENT
- ④ HOT-MIX ASPHALT SHOULDER
- ⑤ AGGREGATE WEDGE
- ⑥ CONCRETE GUTTER, TYPE A (MOD.)
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ SHOULDER REMOVAL
- ⑩ GUTTER REMOVAL

LEGEND - EXISTING

- Ⓐ PAVEMENT
- Ⓑ VAR. DEPTH BITUMINOUS OVERLAY
- Ⓒ BASE COURSE WIDENING
- Ⓓ GRANULAR SUBGRADE
- Ⓔ BITUMINOUS SHOULDER
- Ⓕ AGGREGATE SHOULDER
- Ⓖ GUTTER
- Ⓗ SIDEWALK
- Ⓘ 4" PIPE UNDERDRAIN



IL-29
STA. 293+69.70 TO STA. 319+76.10
STA. 333+19.92 TO STA. 344+40.00

REVISIONS	
NAME	DATE

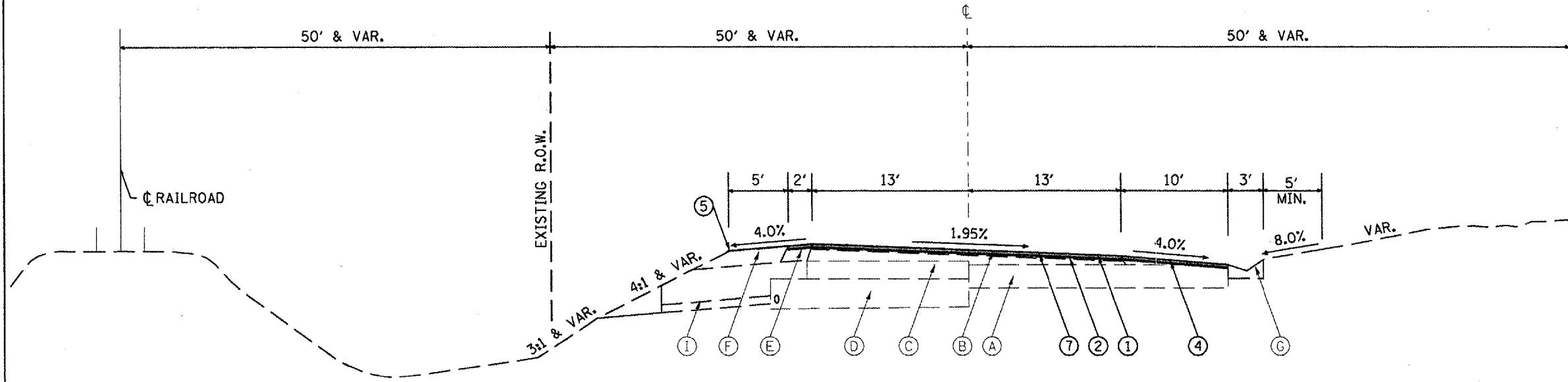
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSE TYPICAL SECTIONS
IL-29

SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 10/18/2007
FILE NAME = c:\pwork\mva\12\paw\paw.dwg
USER NAME = mva

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	IRS-1,2RS-2, 3RS-3; (106)RS-5	MARSHALL	28	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

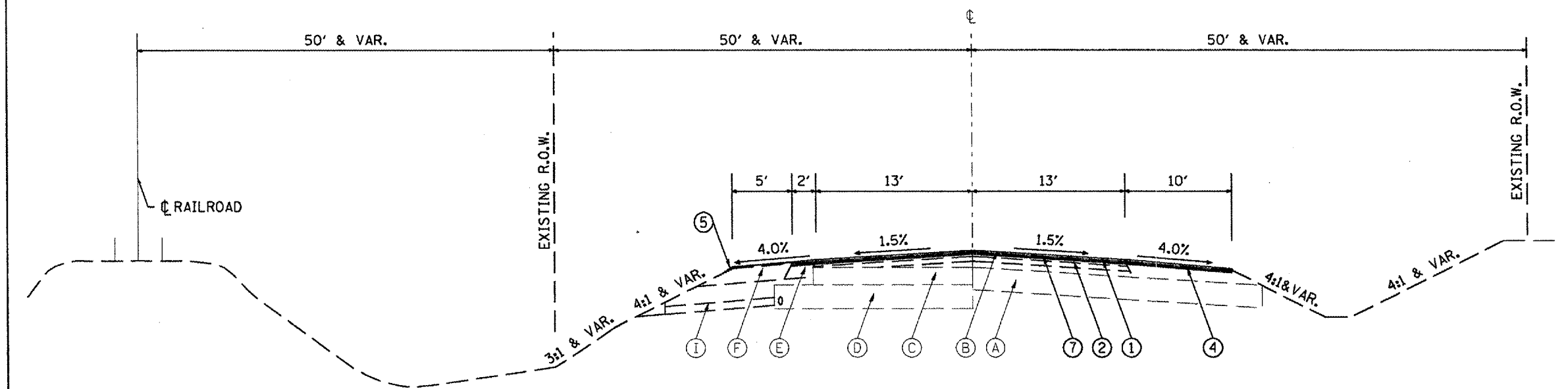


***STATION EQUATION:
STA. 331+59.92 @ CONSTRUCTION = STA. 331+58.22, 11' LT. @ SURVEY

IL-29
STA. 319+76.10 TO STA. 322+16.10 S.E. TRANSITION
STA. 322+16.10 TO STA. 330+79.92
STA. 330+79.92 TO STA. 333+19.92 S.E. TRANSITION***

LEGEND - PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
- ② POLYMERIZED LEVELING BINDER 3/4"
- ③ STRIP REF. CRACK CONTROL TREATMENT
- ④ HOT-MIX ASPHALT SHOULDER
- ⑤ AGGREGATE WEDGE
- ⑥ CONCRETE GUTTER, TYPE A (MOD.)
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ SHOULDER REMOVAL
- ⑩ GUTTER REMOVAL



IL-29
STA. 344+40.00 TO STA. 351+00.00

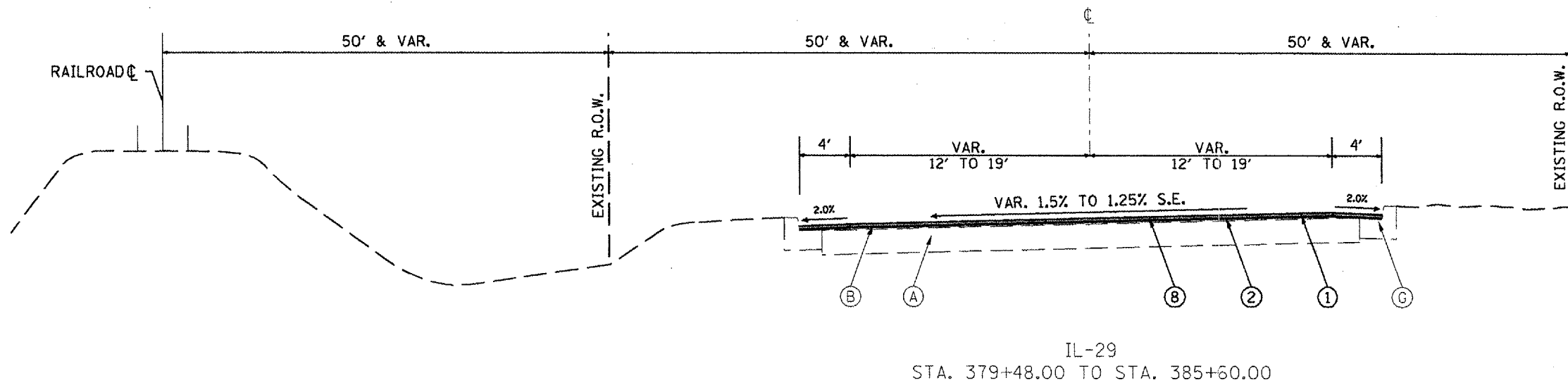
LEGEND - EXISTING

- Ⓐ PAVEMENT
- Ⓑ VAR. DEPTH BITUMINOUS OVERLAY
- Ⓒ BASE COURSE WIDENING
- Ⓓ GRANULAR SUBGRADE
- Ⓔ BITUMINOUS SHOULDER
- Ⓕ AGGREGATE SHOULDER
- Ⓖ GUTTER
- Ⓗ SIDEWALK
- Ⓘ 4" PIPE UNDERDRAIN

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSE TYPICAL SECTIONS IL-29
SCALE:	VERT. HORIZ.	DRAWN BY
DATE		CHECKED BY

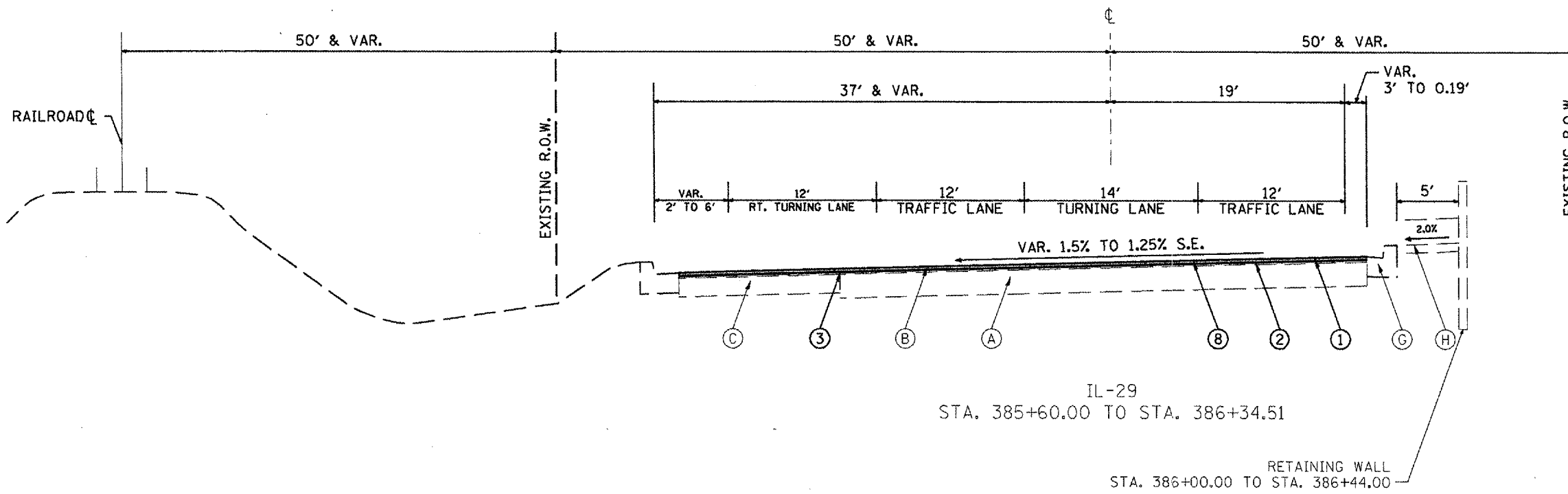
PLOT DATE = 10/18/2007
 FILE NAME = c:\pwworkspace\1129typical\1129typical.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = bcr02j

F.A.P. RATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	IRS-1,2RS-2, 3RS-3; (106)IRS-5	MARSHALL	28	10
645				
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND - PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
- ② POLYMERIZED LEVELING BINDER 3/4"
- ③ STRIP REF. CRACK CONTROL TREATMENT
- ④ HOT-MIX ASPHALT SHOULDER
- ⑤ AGGREGATE WEDGE
- ⑥ CONCRETE GUTTER, TYPE A (MOD.)
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ SHOULDER REMOVAL
- ⑩ GUTTER REMOVAL



LEGEND - EXISTING

- Ⓐ PAVEMENT
- Ⓑ VAR. DEPTH BITUMINOUS OVERLAY
- Ⓒ BASE COURSE WIDENING
- Ⓓ GRANULAR SUBGRADE
- Ⓔ BITUMINOUS SHOULDER
- Ⓕ AGGREGATE SHOULDER
- Ⓖ GUTTER
- Ⓗ SIDEWALK
- Ⓘ 4" PIPE UNDERDRAIN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

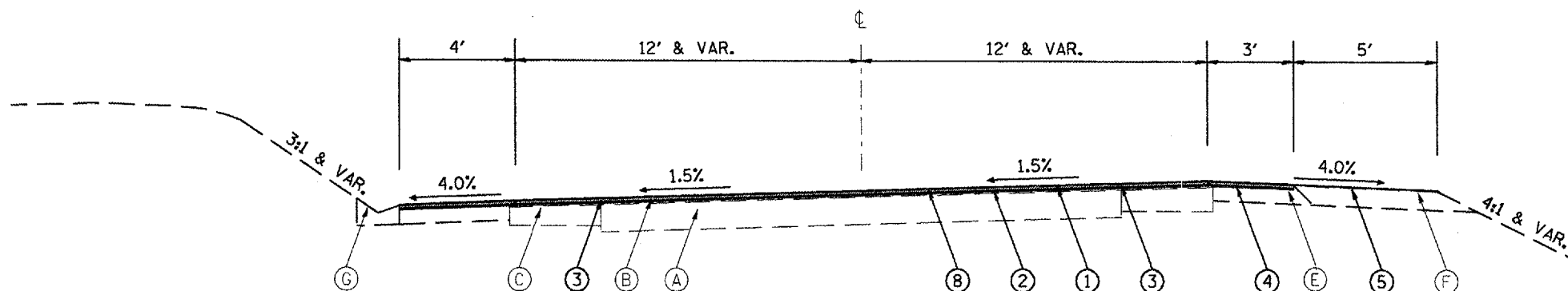
PROPOSE TYPICAL SECTIONS
IL-29

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 10/18/2007
FILE NAME = c:\pwork\112\p112\plan\112\std1.dgn
SCALE = 1/4" = 1'-0"
USER NAME = jbr

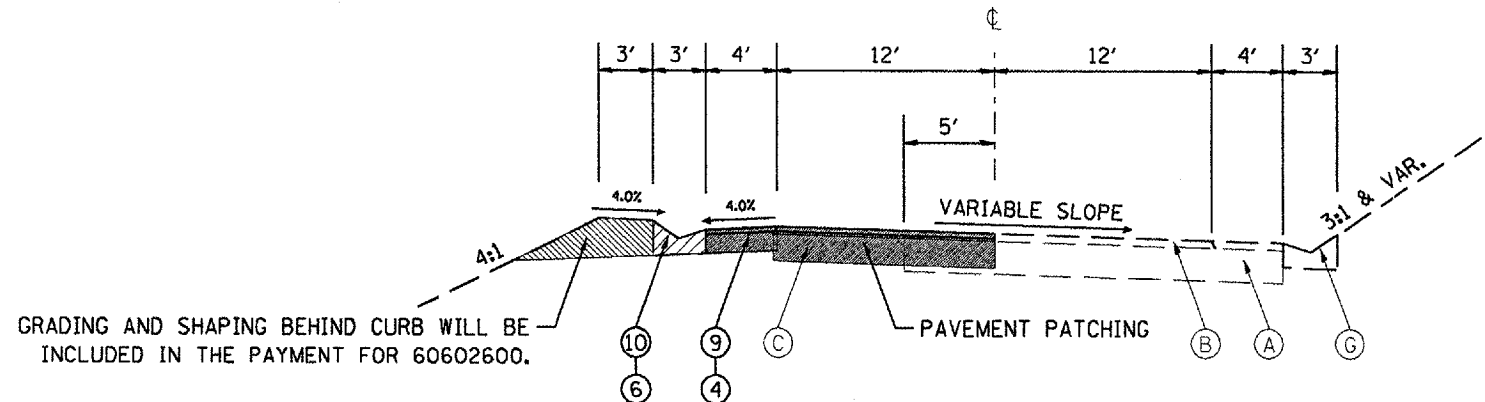
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318 645	1RS-1,2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IL-17W
STA. 20+79.76 TO STA. 24+40.00

LEGEND - PROPOSED

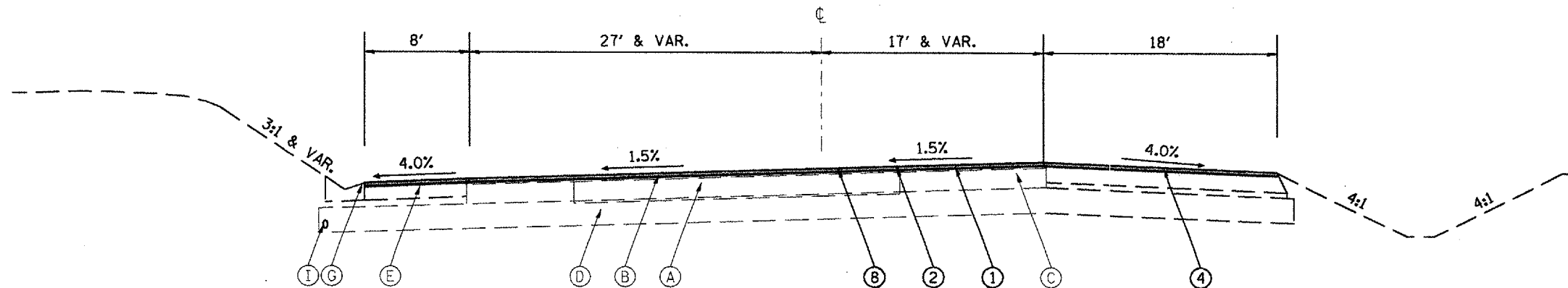
- ① HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
- ② POLYMERIZED LEVELING BINDER 3/4"
- ③ STRIP REF. CRACK CONTROL TREATMENT
- ④ HOT-MIX ASPHALT SHOULDER
- ⑤ AGGREGATE WEDGE
- ⑥ CONCRETE GUTTER, TYPE A (MOD.)
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑨ SHOULDER REMOVAL
- ⑩ GUTTER REMOVAL



IL-17W
STA. 532+35 TO STA. 533+60

LEGEND - EXISTING

- (A) PAVEMENT
- (B) VAR. DEPTH BITUMINOUS OVERLAY
- (C) BASE COURSE WIDENING
- (D) GRANULAR SUBGRADE
- (E) BITUMINOUS SHOULDER
- (F) AGGREGATE SHOULDER
- (G) GUTTER
- (H) SIDEWALK
- (I) 4" PIPE UNDERDRAIN



IL-17A
STA. 0+00.00 TO STA. 1+62.03

REVISIONS	
NAME	DATE

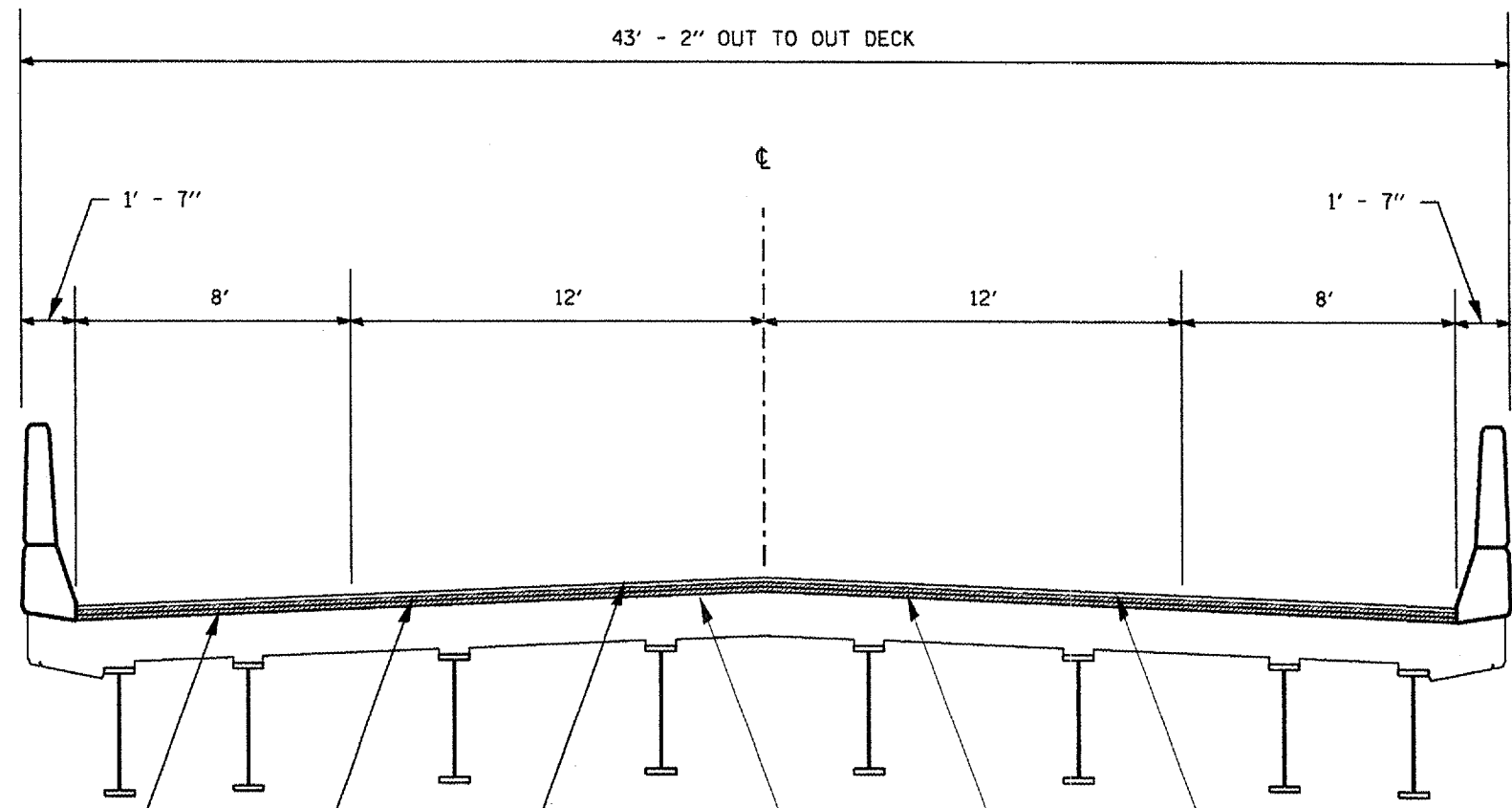
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSE TYPICAL SECTIONS
IL-17

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1,2RS-2, 3RS-3, 645 (106)RS-5	MARSHALL	28	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PROPOSED 3/4" POLYMERIZED LEVELING BINDER (SPECIAL)

*PROPOSED 1 1/2" HOT-MIX ASPHALT SURFACE REMOVAL

PROPOSED 1 1/2" HOT-MIX ASPHALT SURFACE COURSE

EXISTING 1 1/2" OVERLAY

EXISTING 1/4" WATERPROOFING MEMBRANE SYSTEM

EXISTING 7 1/2" CONCRETE SLAB

STA. 219+28.00

*NOTE: MAINTAIN 1 1/2" HMA SURFACE REMOVAL TO KEEP WATERPROOFING MEMBRANE INTACT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSE TYPICAL SECTION

S. N. 062-0004

OVER CROW CREEK

SCALE: VERT. _____

HORIZ. _____

DATE _____

DRAWN BY _____

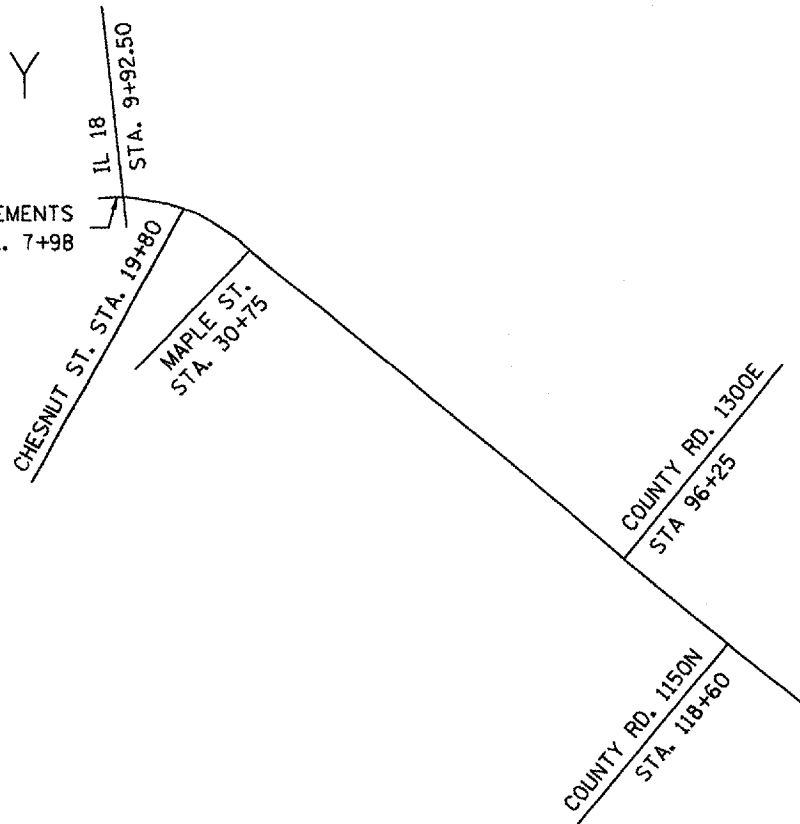
CHECKED BY _____

PLOT DATE = 10/12/2007
 FILE NAME = c:\arcgis\proj\12\prop\12\12.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = borja

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2,	MARSHALL	28	13
645	3RS-3; (106)RS-5			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

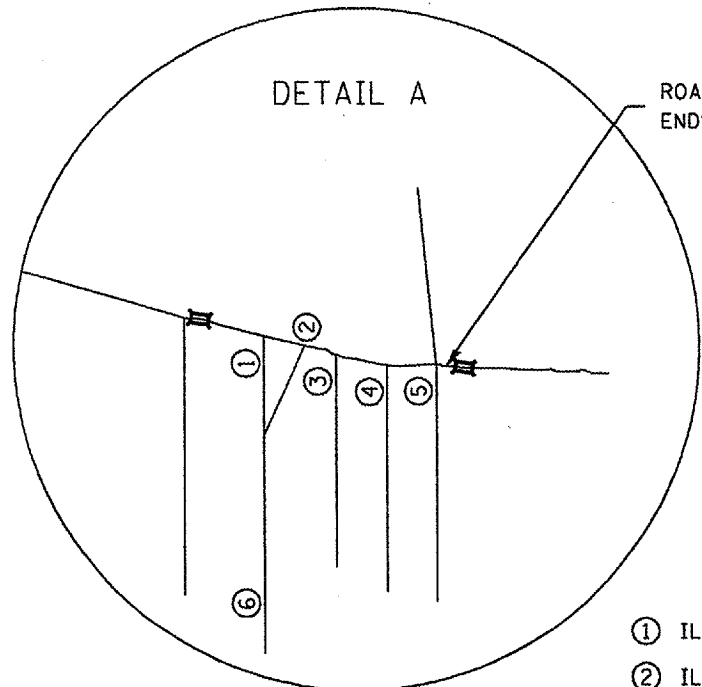
HENRY

ROADWAY IMPROVEMENTS
BEGINS STA. 7+98

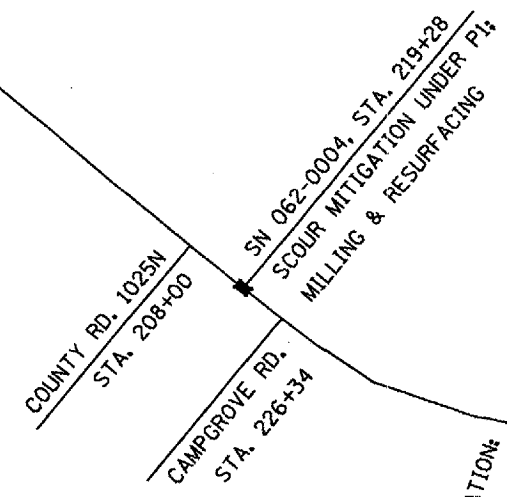


DETAIL A

ROADWAY IMPROVEMENTS
ENDS STA. 386+34.51



- ① IL-17 A: STA. 369+40
- ② IL-17 W: STA. 370+87
- ③ MAIN ST.: STA. 375+55
- ④ NORTH ST.: STA. 380+88
- ⑤ FERRY ST.: STA. 385+63
- ⑥ IMPROVEMENTS ON IL-17 W: STA. 532+25 TO STA. 533+60

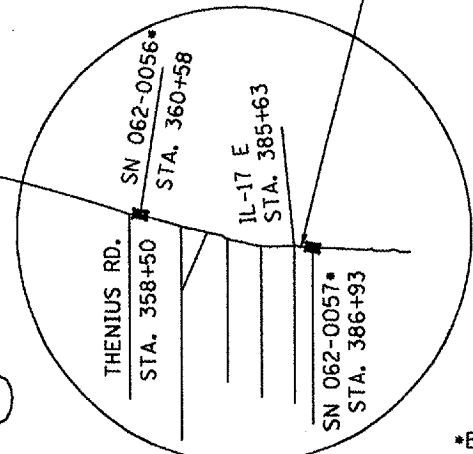


SN 062-0004, STA. 219+28
SCOUR MITIGATION UNDER PI;
MILLING & RESURFACING

STATION EQUATION:
STA. 284+19.50 (BK)
STA. 284+23.25 (AH)
COUNTY RD. 1100E
STA. 290+32

SPARLAND

SEE DETAIL A
ON THIS SHEET



*BRIDGE OMISSION

PLOT DATE = 10/26/2007
 PLOT NAME = I:\68355\12\henry\sparl.dgn
 PLOT SCALE = 1/8"=1'-0" / 1"=10'-0"
 USER NAME = korojm

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM
(NOT TO SCALE)

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	14
645				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY RAMP	
LOCATION	SQ YD
IL 29	
STA. 7+98 TO STA. 8+03	13.33
STA. 217+82.33 TO STA. 217+87.33	13.33
STA. 220+67.17 TO STA. 220+72.17	13.33
STA. 359+64.50 TO STA. 359+69.50	13.33
STA. 361+46.50 TO STA. 361+51.50	13.33
STA. 386+29.51 TO STA. 386+34.51	30.28
SIDEROADS	
RT. STA. 19+80 (CHESNUT ST.)	13.08
RT. STA. 30+75 (MAPLE ST.)	16.31
LT. STA. 96+25 (1175 N/1300E)	50.08
RT. STA. 118+60 (1150 N/1275 E)	25.89
RT. STA. 208+00 (1025 N)	29.97
RT. STA. 226+34 (CAMP GROVE RD.)	23.28
RT. STA. 290+32 (1100 E/OLD IL 29)	38.22
RT. STA. 358+50 (THENIUS RD.)	16.11
RT. STA. 375+55 (MAIN ST.)	18.31
RT. STA. 380+88 (NORTH ST.)	17.31
RT. STA. 385+63 (FERRY ST.)	17.58
IL 17W - STA. 24+81 TO STA. 24+86	13.33
IL 17E (BY RAILROAD TRACKS)	23.36
TOTAL	400

STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A		
LOCATION	LT/RT	FOOT
IL 29		
STA. 113+00 TO STA. 217+87.33	11' LT	10,487.33
STA. 220+67.17 TO STA. 284+19.50 (BK)	11' LT	6,352.33
STA. 284+23.25 (AH) TO STA. 285+00	11' LT	76.75
STA. 285+00 TO STA. 293+69.70	6' LT	869.70
STA. 351+00 TO STA. 359+69.50	6' LT	869.50
STA. 361+46.50 TO STA. 379+48	11' LT	1,801.50
STA. 385+60 TO STA. 386+34.51	22' LT	74.51
STA. 113+00 TO STA. 217+87.33	11' RT	10,487.33
STA. 220+67.17 TO STA. 284+19.50 (BK)	11' RT	6,352.33
STA. 284+23.25 (AH) TO STA. 285+00	11' RT	76.75
STA. 361+46.50 TO STA. 374+03	11' RT	1,256.50
IL 17W		
STA. 20+30 TO STA. 24+86	9' & VAR, LT	456.00
STA. 20+52 TO STA. 24+86	9' & VAR, RT	434.00
TOTAL		39,595

PAVEMENT PATCHING				
LOCATION	TYPE II (15 INCH)	TYPE III (15 INCH)	TYPE IV (15 INCH)	TYPE IV (13 INCH)
	SQ YD	SQ YD	SQ YD	SQ YD
IL 29				
STA. 40+00 TO STA. 118+60	265.33	76.00	55.00	
STA. 118+60 TO STA. 217+87.33	192.00	67.33	25.00	
STA. 220+67.17 TO STA. 385+00	142.20	31.33		
SIDEROADS				
IL 17W - LT. STA. 532+35 TO STA. 533+60				166.67
TOTAL	600	175	80	167

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	4
TOTAL	4

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	1
TOTAL	1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

TRAFFIC CONTROL AND PROTECTION		
LOCATION	STD 701306	STD 701336
	L SUM	EACH
JOBSITE	1	1
TOTAL	1	1

FILTER FABRIC	
LOCATION	SQ YDS
IL 29 - S. N. 062-0004	
STA. 219+18	92.00
TOTAL	92

RAILROAD PROTECTIVE LIABILITY INSURANCE	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

CONCRETE GUTTER, TYPE A (MODIFIED)		
LOCATION	LT/RT	FOOT
IL 17W		
STA. 532+35 TO STA. 533+60	LT	125.00
TOTAL		125

STONE RIPRAP, CLASS A4	
LOCATION	TON
IL 29 - S. N. 062-0004	
STA. 219+18	94.95
TOTAL	95

STONE RIPRAP, CLASS B4 (SPECIAL)	
LOCATION	TON
IL 17W	
LT. STA. 533+69	74.08
TOTAL	74

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3	MARSHALL	28	15
645	(106)RS-5			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EPOXY PAVEMENT MARKING - LINE 4"							
LOCATION	YELLOW					WHITE SOLID	
	SKIP DASH	SOLID (SINGLE)		SOLID (DOUBLE)		WHITE SOLID	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
IL 29		LT	RT	LT	RT	LT	RT
STA. 7+98 TO STA. 8+73	18.75					75.00	75.00
STA. 10+33 TO STA. 110+00	2,491.75					8,505.00	8,449.00
STA. 110+00 TO STA. 118+00	200.00	800.00				2,116.00	2,232.00
STA. 118+00 TO STA. 119+70		170.00	170.00			170.00	10.00
STA. 119+70 TO STA. 130+50	270.00		1,080.00			1,080.00	1,080.00
STA. 130+50 TO STA. 284+19.50 (BK)	3,842.38					15,369.50	15,169.50
STA. 284+23.25 (AH) TO STA. 359+69.50	1,886.56					7,350.25	7,446.25
STA. 361+46.50 TO STA. 365+94.39	111.91	200.00				447.89	447.89
STA. 365+94.39 TO STA. 369+15.88				655.55	640.96	321.49	280.00
STA. 369+15.88 TO STA. 371+28				437.42	362.28	212.12	160.00
STA. 371+28 TO STA. 371+83						55.00	
STA. 371+83 TO STA. 372+83				200.00	200.00	100.00	
STA. 372+83 TO STA. 375+58				550.00	550.00	275.00	222.00
STA. 375+58 TO STA. 381+30.12				1144.24		572.12	540.12
STA. 381+30.12 TO STA. 384+05.12				550.00	550.00	275.00	207.00
STA. 384+05.12 TO STA. 385+20				229.76	229.76	44.88	114.88
STA. 385+98.12 TO STA. 386+34.51				72.66	85.53	78.00	28.51
SIDEROADS							
INT. IL 17A & IL 29						143.75	81.25
IL 17A - STA. 0+55.11 TO STA. 1+26.99				141.37	72.66		
INT. IL 17W & IL 29						116.50	749.13
IL 17W - STA. 20+31.03 TO STA. 24+86				149.23	72.66		
IL 17W - STA. 532+35 TO STA. 533+60				250.00		125.00	
IL 17E - STA. 10+34 TO STA. 10+75				82.00		85.96*	
	8,821	2,420		8,384			
SUB-TOTAL		19,625				74,811	
TOTAL		94,436					

*NOTES: LINES TO BE PLACED BY RAILROAD CONCRETE PAD. SEE PAVEMENT MARKING DETAIL SHEETS.

EPOXY PAVEMENT MARKING - LINE 12"		
LOCATION	DIAGONALS	
	YELLOW	WHITE
IL 29	FOOT	FOOT
STA. 365+94.39 TO STA. 369+15.88	172.80	
STA. 369+31.28 TO STA. 371+34.88	182.79	
STA. 372+83 TO STA. 375+58	134.06	
STA. 381+30.12 TO STA. 384+05.12	134.06	
STA. 385+98.03 TO STA. 386+34.51	32.83	
SIDEROADS		
IL 17A - STA. 0+50 TO STA. 1+32	82.00	
IL 17W - STA. 20+31.03 TO STA. 20+79.76	39.98	
IL 17E - ISLAND RT. STA. 10+34		38.50
SUB-TOTAL	779	39
TOTAL	818	

EPOXY PAVEMENT MARKING - LINE 24"	
LOCATION	FOOT
IL 29	
STA. 385+20	27.00
STA. 386+12	30.50
SIDEROADS	
IL 17A - LT. STA. 0+55.11	25.40
IL 17A - RT. STA. 1+11.37	12.00
IL 17W - RT. STA. 20+31.03	17.60
IL 17E - LT. STA. 10+34	12.00
IL 17E - LT. STA. 10+34 (RT. TURN LANE)	22.00
FERRY ST.	25.00
TOTAL	172

EPOXY PAVEMENT MARKING - LINE 8"	
LOCATION	FOOT
IL 29 & IL 17E	
TURN LANES - STA. 371+83 TO STA. 386+34.51	237.39
ISLAND - STA. 386+12 TO STA. 386+34.51	88.80
TOTAL	327

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. DATE
HORIZ. CHECKED BY

DRAWN BY

PLOT DATE = 10/10/2007
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = h0029

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	IRS-1, 2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	16
645				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHORT-TERM PAVEMENT MARKING						
LOCATION	LENTGH	COLD MILLED	PRIME COAT	LEVELING BINDER	PRIME COAT	SURFACE CSE.
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
IL 29						
STA. 7+98 TO STA. 8+73	75.00	8	8	8	8	8
STA. 10+33 TO STA. 284+19.50 (BK)	27,386.50	2,739	2,739	2,739	2,739	2,739
STA. 284+23.25 (AH) TO STA. 359+69.50	7,546.25	755	755	755	755	755
STA. 361+46.50 TO STA. 365+94.39	447.89	45	45	45	45	45
STA. 365+94.39 TO STA. 369+15.88	321.49	32	32	32	32	32
STA. 369+31.28 TO STA. 371+28	196.72	20	20	20	20	20
STA. 371+83 TO STA. 375+58	375.00	38	38	38	38	38
STA. 375+58 TO STA. 380+30.12	472.12	47	47	47	47	47
STA. 380+30.12 TO STA. 385+19.12	489.00	49	49	49	49	49
STA. 385+98.18 TO STA. 386+34.51	36.33	4	4	4	4	4
SIDEROADS						
IL 17A - STA. 0+37 TO STA. 1+37	100	10	10	10	10	10
IL 17E - STA. 10+34 TO STA. 10+75	41.00	4	4	4	4	4
IL 17W - STA. 20+31.03 TO STA. 24+86	454.97	45	45	45	45	45
IL 17W - STA. 532+35 TO STA. 533+60	125.00	13	13	13	13	13
SUB-TOTAL						
	38,067	3,807	3,807	3,807	3,807	3,807
TOTAL						
				19,035		

RAISED REFLECTIVE PAVEMENT MARKER				
LOCATION	AMBER		CRYSTAL	
	2-WAY	1-WAY	1-WAY	
	EACH	EACH	EACH	
IL 29				
		LT	RT	
STA. 7+98 TO STA. 8+73	1			
STA. 10+33 TO STA. 284+19.50 (BK)	342			
STA. 284+23.25 (AH) TO STA. 359+69.50	94			
STA. 361+46.50 TO STA. 365+94.39	6			
STA. 365+94.39 TO STA. 369+15.88		8	8	
STA. 369+31.28 TO STA. 371+28		5	5	
STA. 371+83 TO STA. 372+83	2			3
STA. 372+83 TO STA. 375+58		7	7	
STA. 375+58 TO STA. 380+30.12	6			
STA. 380+30.12 TO STA. 384+05.12		9	10	
STA. 384+05.12 TO STA. 385+20	1			3
STA. 385+98.12 TO STA. 386+34.51		2	2	
SIDEROADS				
IL 17A - STA. 0+37 TO STA. 1+37	1			
IL 17W - STA. 20+79.76 TO STA. 24+86	5			
IL 17W - STA. 532+35 TO 533+60	2			
IL 17E - STA. 10+34 TO STA. 10+75	1			
SUB-TOTAL				
	461	31	32	6
TOTAL				
				530

EPOXY PAVEMENT MARKING - LINE 6"	
LOCATION	FOOT
INT. IL 29 & IL 17E	
IL 29 - STA. 385+26	50.00
IL 29 - STA. 385+32	52.00
IL 29 - STA. 386+00	56.75
IL 29 - STA. 386+06	57.00
IL 17E - STA. 10+32	22.00
IL 17E - STA. 10+34	20.00
TOTAL	258

EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	
LOCATION	SQ FT
IL 29	
STA. 372+16	16.20
STA. 372+83	16.20
STA. 384+05.12	16.20
STA. 384+82	16.20
TOTAL	65

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
IL 29	
STA. 7+98 TO STA. 386+34.51	319
IL 17W	
STA. 20+21.03 TO STA. 24+86	7
TOTAL	326

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY
CHECKED BY

PLOT DATE = 10/18/2007
FILE NAME = c:\p\m\m\112\p\pav\l12\pav\l12.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = bnp05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	18
645				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PERMANENT SURVEY MARKERS, TYPE I			
STATION	LOCATION	DESCRIPTION	EACH
IL 29			
118+59.01	⊕	P. O. T.	1
126+50.00	⊕	P. O. T.	1
134+50.00	⊕	P. O. T.	1
142+51.73	⊕	P. O. T.	1
152+50.00	⊕	P. O. T.	1
162+25.00	⊕	P. O. T.	1
172+25.00	⊕	P. O. T.	1
182+00.00	⊕	P. O. T.	1
191+96.42	⊕	P. O. T.	1
201+00.00	⊕	P. O. T.	1
210+50.00	⊕	P. O. T.	1
219+27.25	BRIDGE ⊕	P. O. T.	1
220+45.50	⊕	P. O. T.	1
230+09.18	⊕	P. C.	1
237+00.00	⊕	P. O. C.	1
244+25.00	⊕	P. O. C.	1
251+24.46	⊕	P. T. & P. C.	1
259+50.00	⊕	P. O. C.	1
267+75.00	⊕	P. O. C.	1
276+00.00	⊕	P. O. C.	1
284+19.50	⊕	P. T.	1
285+00.00	⊕	P. C.	1
289+34.85	⊕	P. R. C.	1
293+69.70	⊕	P. T.	1
298+50.00	⊕	P. O. T.	1
307+75.00	⊕	P. O. T.	1
317+00.00	⊕	P. O. T.	1
321+36.10	⊕	P. C.	1
326+50.00	⊕	P. O. C.	1
331+59.92	⊕	P. T.	1
341+25.00	⊕	P. O. T.	1
351+00.00	⊕	P. C.	1
355+34.85	⊕	P. R. C.	1
359+69.70	⊕	P. T.	1
366+25.00	⊕	P. O. T.	1
372+03.70	⊕	P. C.	1
378+75.00	⊕	P. O. C.	1
385+60.00	⊕	P. O. C.	1
TOTAL			38

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
LOCATION	SQ YD	
IL 29		
STA. 7+98 TO STA. 8+08	33.33	
STA. 87+48 TO STA. 88+58 (WT. STATION)	147.78	
STA. 217+77.33 TO STA. 217+87.33	46.67	
STA. 220+67.17 TO STA. 220+77.17	46.67	
STA. 359+59.50 TO STA. 359+69.50	43.33	
STA. 361+46.50 TO STA. 361+56.50	43.33	
STA. 386+24.51 TO STA. 386+34.51	61.11	
SIDEROADS		
RT. STA. 19+80 (CHESNUT ST.)	30.11	
RT. STA. 30+75 (MAPLE ST.)	36.39	
LT. STA. 96+25 (1175 N/1300E)	105.89	
RT. STA. 118+60 (1150 N/1275 E)	60.17	
RT. STA. 208+00 (1025 N)	66.61	
RT. STA. 226+34 (CAMP GROVE RD.)	48.72	
RT. STA. 290+32 (1100 E/OLD IL 29)	83.94	
RT. STA. 358+50 (THENIUS RD.)	37.78	
IL 17W - STA. 24+76 TO STA. 24+86	26.67	
RT. STA. 375+55 (MAIN ST.)	39.89	
RT. STA. 380+88 (NORTH ST.)	38.17	
RT. STA. 385+63 (FERRY ST.)	37.06	
IL 17E (BY RAILROAD TRACKS)	49.78	
TOTAL		1,083

BITUMINOUS CONCRETE SHOULDER REMOVAL		
LOCATION	SQ YD	
IL 17W		
STA. 532+35 TO STA. 533+60	55.56	
TOTAL		56

INCIDENTAL HOT-MIX ASPHALT SURFACING		
LOCATION	TON	
IL 29		
RT. STA. 19+80 (CHESNUT ST.)	11.86	
RT. STA. 30+75 (MAPLE ST.)	14.13	
LT. STA. 96+25 (1175 N/1300E)	20.24	
RT. STA. 118+60 (1150 N/1275 E)	31.61	
RT. STA. 208+00 (1025 N)	15.61	
RT. STA. 226+34 (CAMP GROVE RD.)	14.85	
RT. STA. 290+32 (1100 E/OLD IL 29)	14.46	
RT. STA. 358+50 (THENIUS RD.)	10.99	
RT. STA. 375+55 (MAIN ST.)	11.82	
RT. STA. 380+88 (NORTH ST.)	17.61	
RT. STA. 385+63 (FERRY ST.)	15.00	
MAILBOX TURNOUTS	13.29	
TOTAL		192

GUTTER REMOVAL		
LOCATION	LT/RT	FOOT
IL 17W		
STA. 532+35 TO STA. 533+60	LT	125.00
TOTAL		125

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	IRS-1, 2RS-2, 3RS-3,	MARSHALL	28	19
645	(106)IRS-5			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TABULATION OF RESURFACING QUANTITIES

LOCATION	HOT-MIX ASPHALT SURFACE CSE., MIX "D", N50	HOT-MIX ASPHALT SHOULDERS		POLYMERIZED LEVELING BINDER (MM), N50	POLYMERIZED LEVELING BINDER (MM), N50 (SPECIAL)	BITUMINOUS MATERIAL (PRIME COAT)		AGGREGATE (PRIME COAT)		AGREGATE WEDGE SHOULDER, TYPE B	
	TONS	LT	RT	TONS		COLD MILLED TONS	FOG COAT TONS	COLD MILLED TONS	FOG COAT TONS	LT	RT
IL 29											
STA. 7+98 TO STA. 113+00	2,364.70	468.65	596.49	1,179.29		14.41	4.32	72.04	36.03	523.28	489.11
STA. 113+00 TO STA. 217+87.33	2,557.16	324.11	616.78	1,275.52		14.93	4.48	74.65	37.33	643.13	661.73
STA. 217+87.33 TO STA. 220+67.17	104.80				52.32	0.52	0.16	2.62	1.31		
STA. 220+67.17 TO STA. 284+19.50 (BK)	1,548.91	197.48	197.48	772.60		8.48	2.54	42.44	21.21	485.75	490.64
STA. 284+23.25 (AH) TO STA. 359+69.50	1,840.03	231.52	1,045.78	917.81		12.65	3.80	63.25	31.62	544.97	6.01
STA. 361+46.50 TO STA. 365+94.39	109.21	14.14	14.14	54.47		0.60	0.18	3.01	1.49	23.43	28.33
STA. 365+94.39 TO STA. 368+74.39	83.95	8.58	8.58	41.90		0.44	0.14	2.23	1.12	9.25	31.67
STA. 368+74.39 TO STA. 374+03	188.10	16.19	16.19	93.89		0.99	0.29	4.92	2.47	9.11	14.92
STA. 374+03 TO STA. 375+58	52.26	4.75	9.09	25.72		0.28	0.08	1.43	0.71		
STA. 375+58 TO STA. 377+26	51.94	5.15	9.85	25.92		0.29	0.08	1.45	0.73		
STA. 377+26 TO STA. 379+48	80.03	6.80	13.01	38.91		0.44	0.13	2.15	1.08	12.37	
STA. 379+48 TO STA. 384+48	205.92	29.31	29.31	98.15		1.16	0.35	5.55	2.77		
STA. 384+48 TO STA. 385+26	35.76	4.57	4.57	17.49		0.19	0.06	0.97	0.48		
STA. 385+26 TO STA. 386+04.51	41.86	1.99	1.99	20.91		0.22	0.06	1.05	0.54		
STA. 386+04.51 TO STA. 386+34.51	16.00			7.99		0.08	0.02	0.38	0.19		
SIDEROADS											
IL 17A - STA. 0+37 TO STA. 0+87	23.46	5.73	7.64	11.72		0.15	0.05	0.77	0.38		
IL 17A - STA. 0+87 TO STA. 1+37	30.55	13.82	11.46	15.26		0.23	0.06	1.12	0.56	2.35	
IL 17W - STA. 20+20 TO STA. 20+63.48	15.90	9.09	1.94	7.93		0.12	0.03	0.55	0.27		3.09
IL 17W - STA. 20+63.48 TO STA. 21+25	19.59	3.61	2.75	9.78		0.11	0.04	0.55	0.28		4.38
IL 17W - STA. 21+25 TO STA. 24+86	81.29	21.16	10.18	40.54		0.48	0.15	2.41	1.20		5.55
IL 17W - STA. 532+35 TO STA. 533+60	28.15	27.36*				0.17	0.05	0.89	0.44	50.18	
IL 17E - STA. 10+34 TO STA. 10+75	45.31			22.63		0.22	0.06	1.08	0.54		
OTHER SIDEROADS & MAILBOX TURNOUTS						0.68	0.20	3.40	1.71		24.43**
		1,394.01	2,597.22			57.84	17.33	288.91	144.46	2,303.82	1,759.86
TOTAL	9,525	3,991	4,679	52		75		433		4,064	

TABLE NOTES: *7.33 (TOP LIFT) & 20.03 (BOTTOM LIFT, USE PATCHING MIX FOR THIS LIFT). **AGG WEDGE AT: 1150N/1175E, 1025N, CAMP GROVE RD. & THENIUS RD.

PRIME COAT CONVERSION FACTORS

SURFACE TYPE	BIT PR COAT	AGG PR COAT
	(GAL/SQ YD)	(LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES	0.03	2

BITUMINOUS & AGGREGATE CONVERSION FACTORS

SURFACE TYPE	LB/SQ YD/IN	TONS/CU YD
	BIT. SURF. COURSES	112
ALL OTHER BIT.	112	2.016
AGGREGATE SHOULDERS	114	2.05

REVISIONS

NAME	DATE

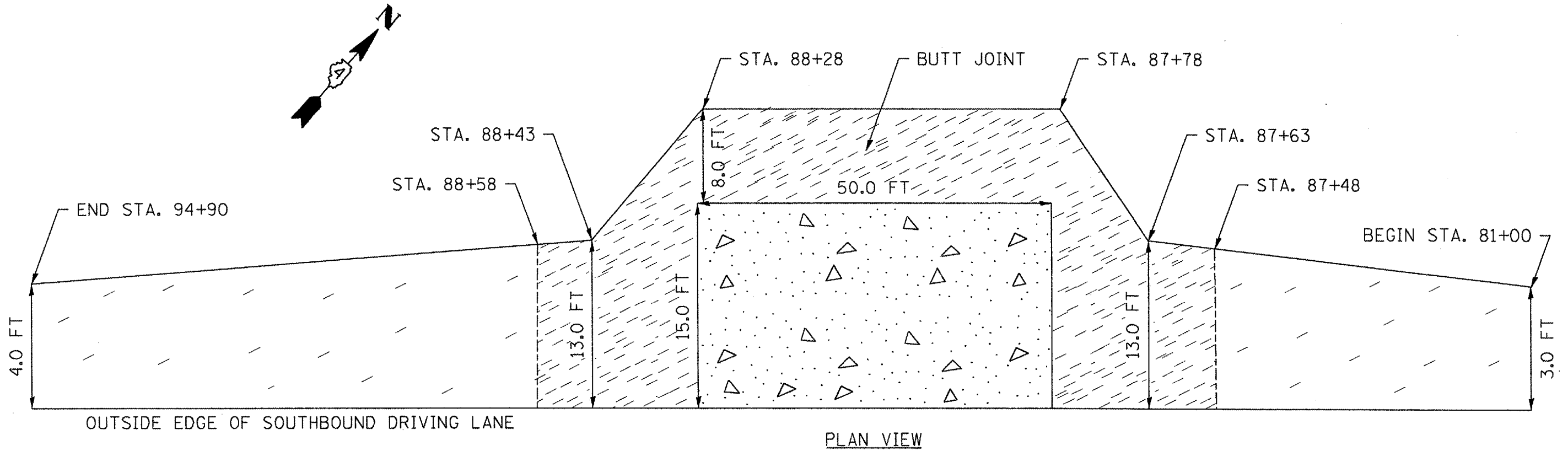
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES



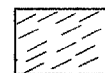
SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

PLOT DATE = 10/10/2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = snc030

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3, (106)RS-5	MARSHALL	28	20
645				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



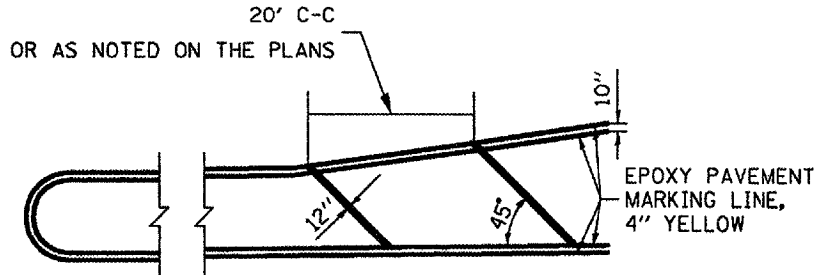
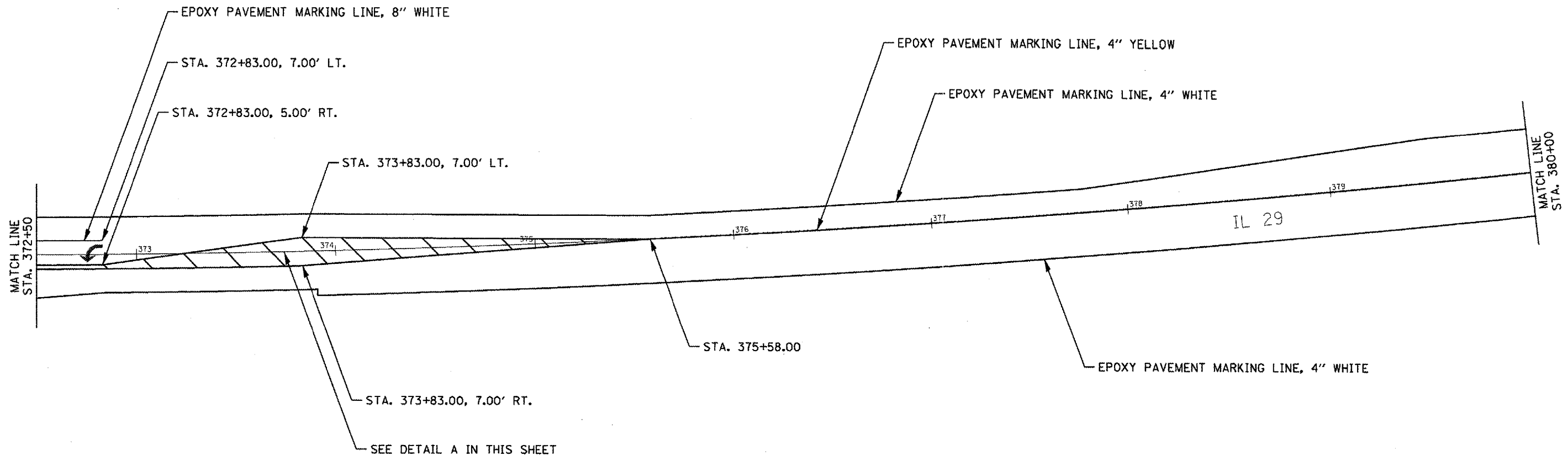
LEGEND FOR REMOVAL ITEMS

-  CONCRETE PAD (TO BE SKIPPED)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**WEIGHT STATION - HMA SURFACE
 REMOVAL DETAIL
 (NOT TO SCALE)**
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3;	MARSHALL	28	23
645	(106)RS-5			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DETAIL A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

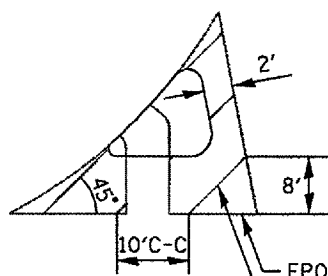
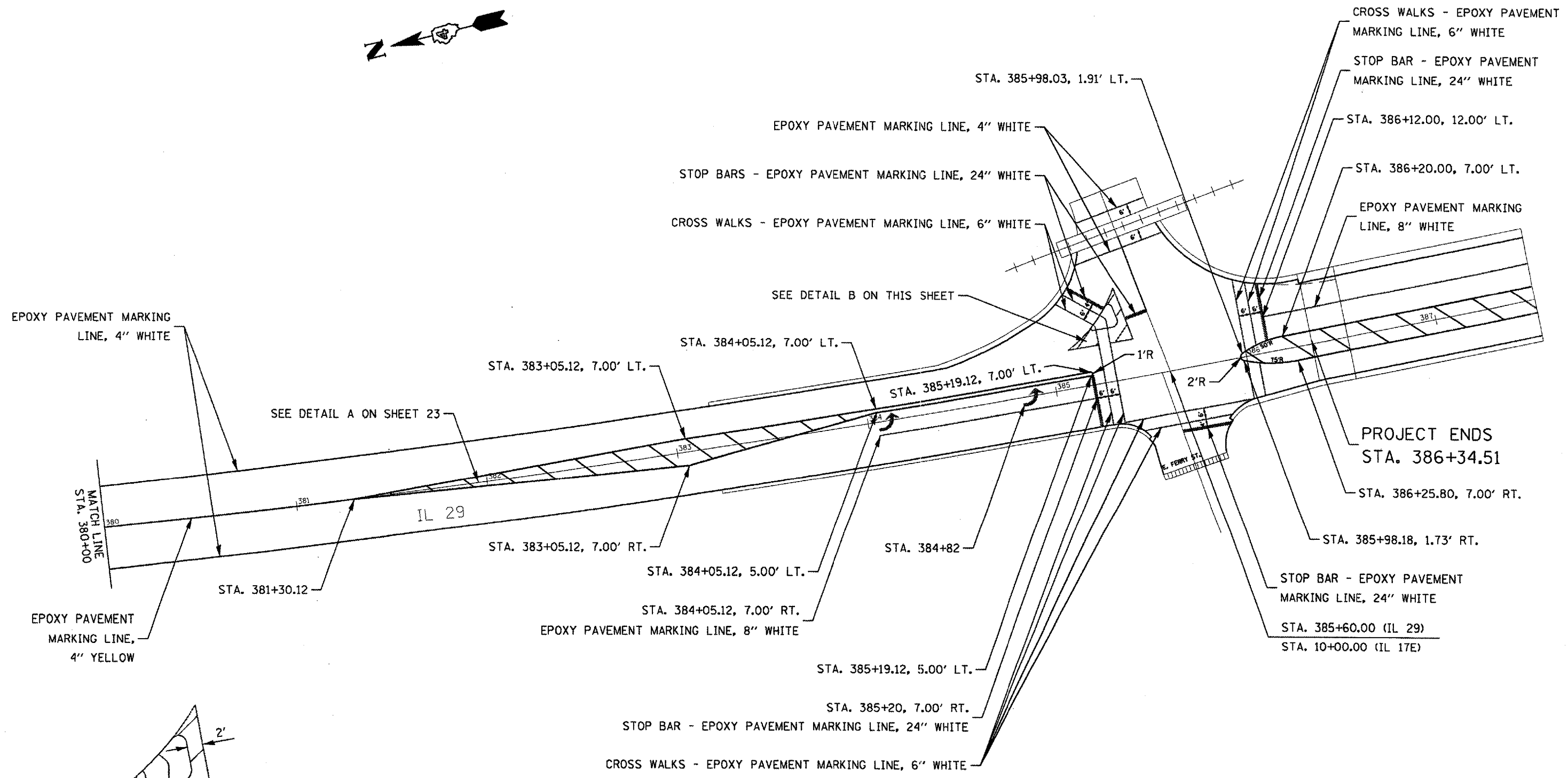
PAVEMENT MARKING DETAIL

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 10/18/2007
 FILE NAME = c:\pavement\12\plan\plan1.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = spc0j

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3;	MARSHALL	28	24
645	(106)RS-5			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

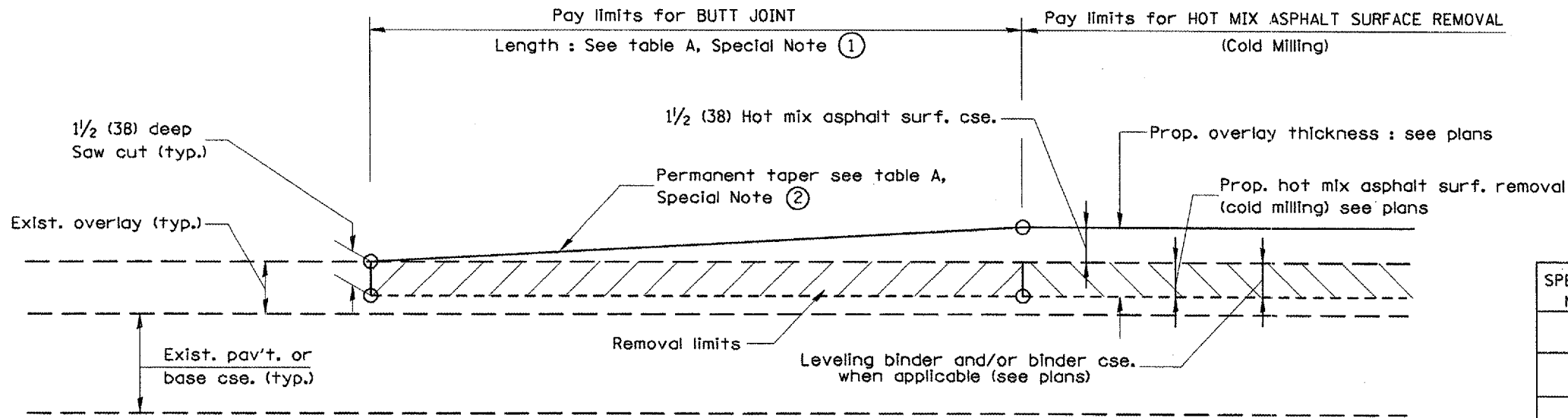
PAVEMENT MARKING DETAIL

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 10/18/2007
 FILE NAME = s:\projects\112\pavement\detail.dgn
 USER NAME = hrcjg

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3	MARSHALL	28	25
645	(106)RS-5			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



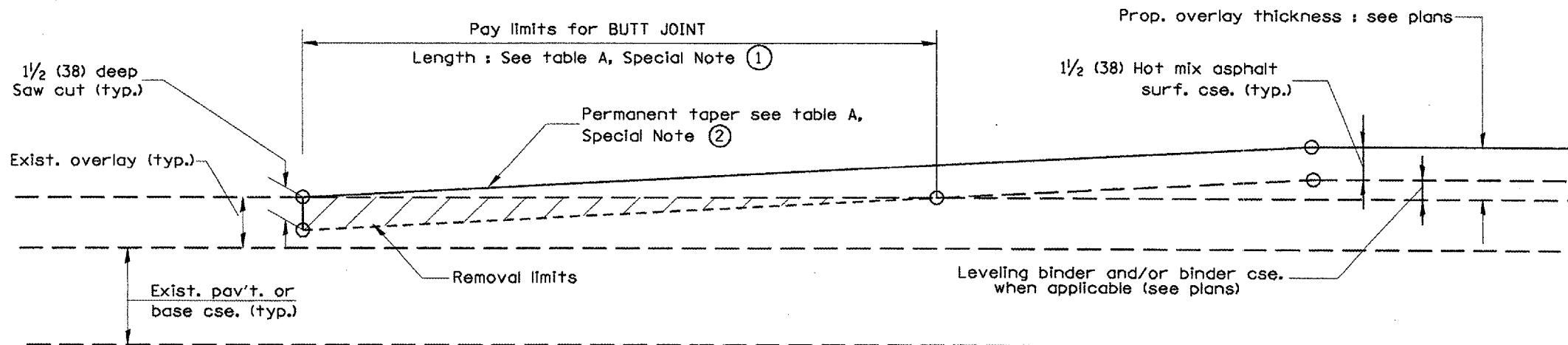
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
(LENGTHS AND TAPER RATES)**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in Inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

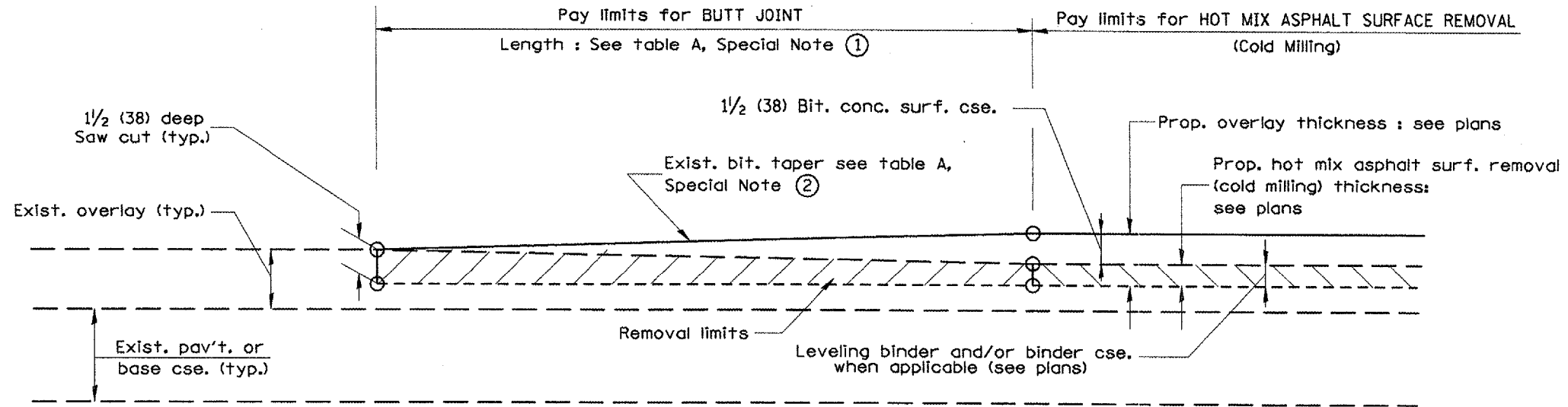
BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 1 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE CHECKED BY

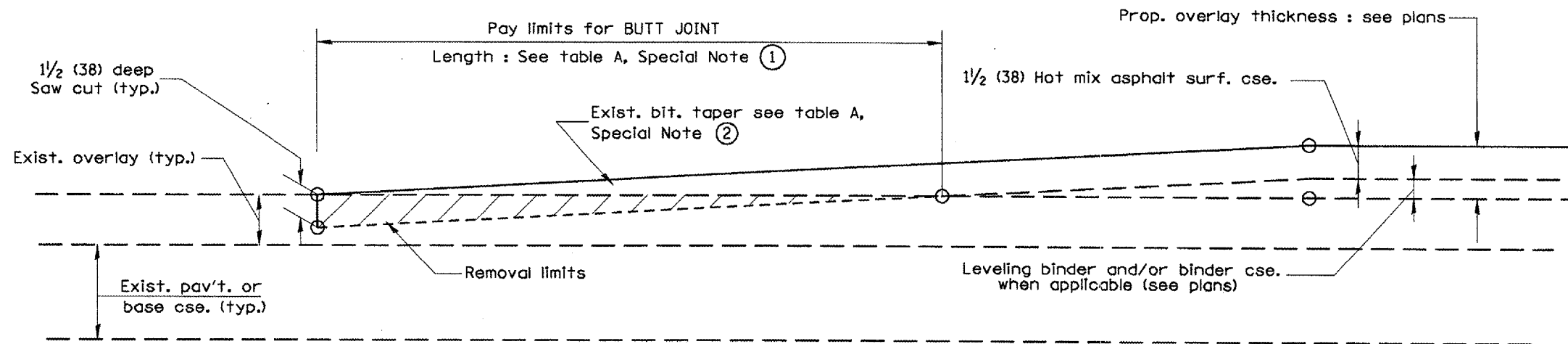
DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).

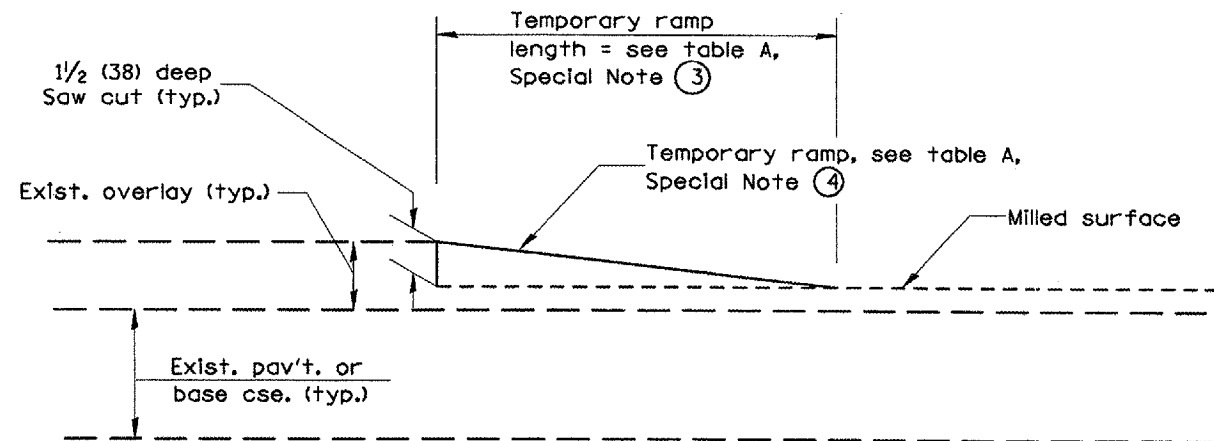
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	IRS-1, 2RS-2, 3RS-3;	MARSHALL	28	26
645	(106)RS-5			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

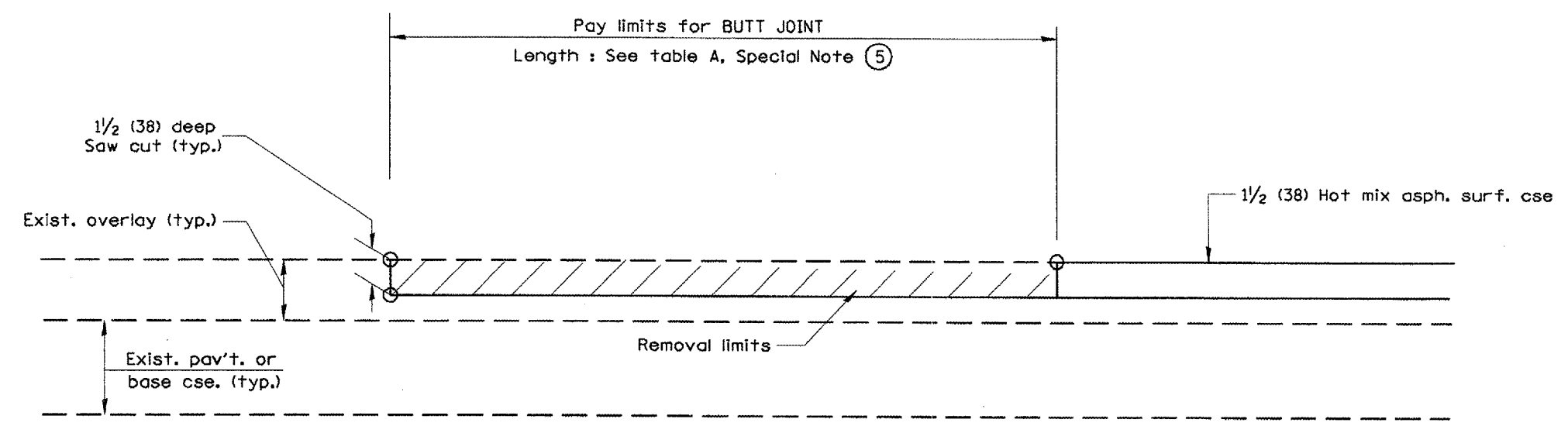
All dimensions are in inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 2 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2, 3RS-3;	MARSHALL	28	27
645	(106)RS-5			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

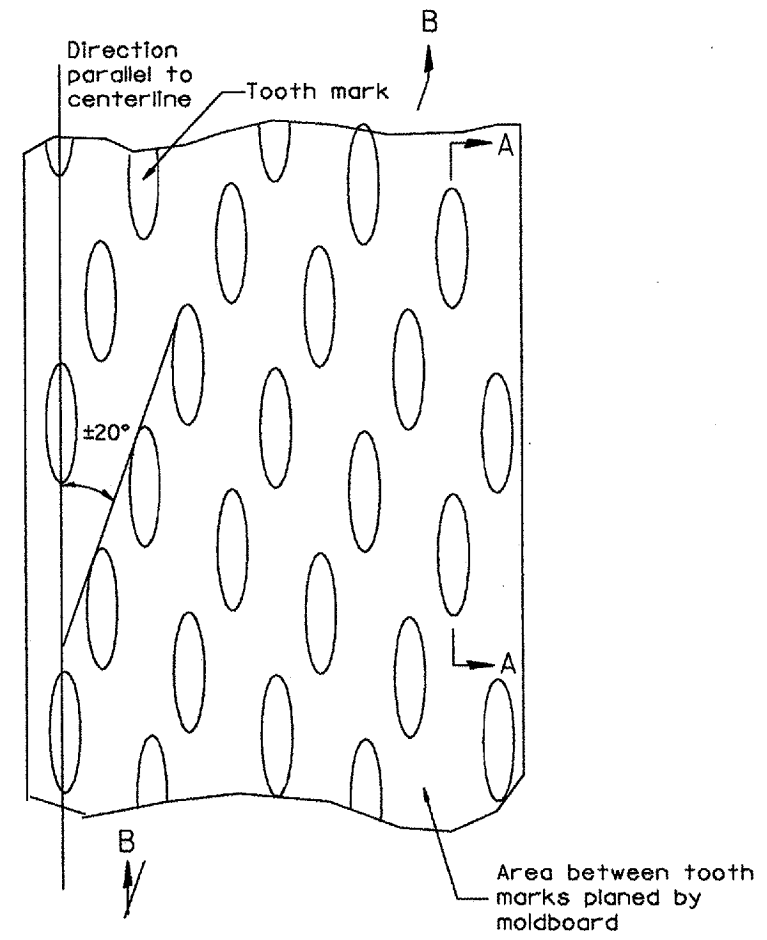


CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
BUTT JOINTS	
CADD STD NO. 406101-D4	SHEET 3 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

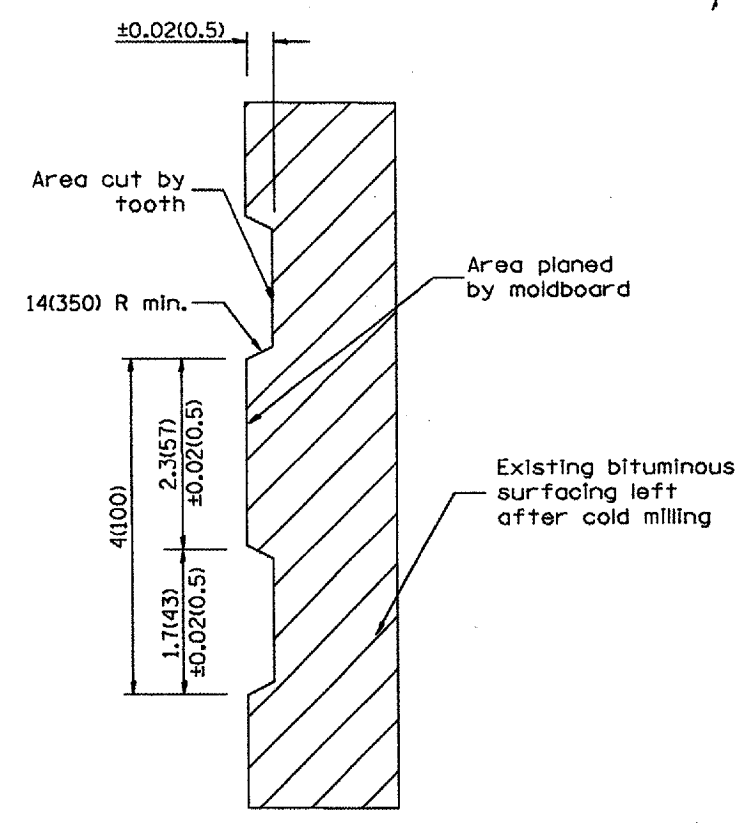
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	1RS-1, 2RS-2,	MARSHALL	28	28
645	3RS-3; (106)RS-5			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



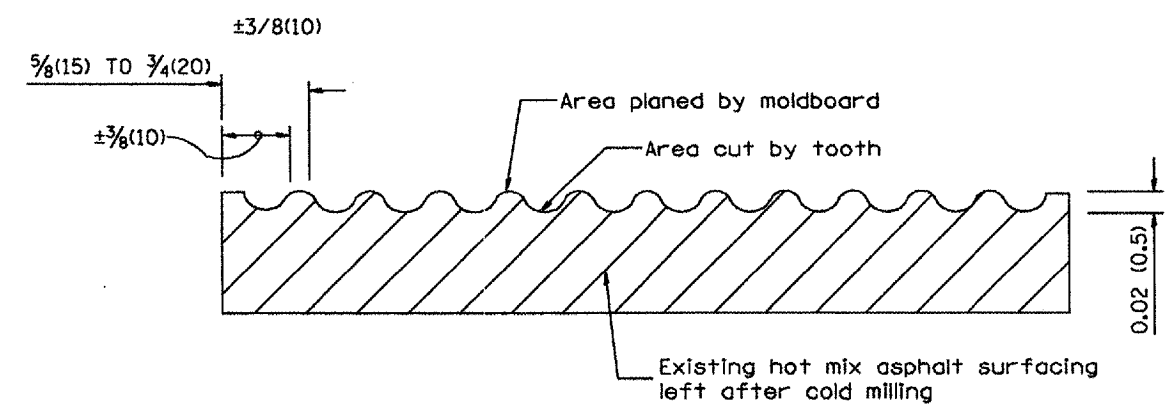
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

All dimensions are in inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)	
CADD STD NO. 440001-D4	
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE	CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

DESIGNER NOTE
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.