

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP 885 (IL 146)
SECTION D9 SMART FY10-1
PROJECT: *ESP-0885(040)*
JOHNSON COUNTY
MILLING AND RESURFACING

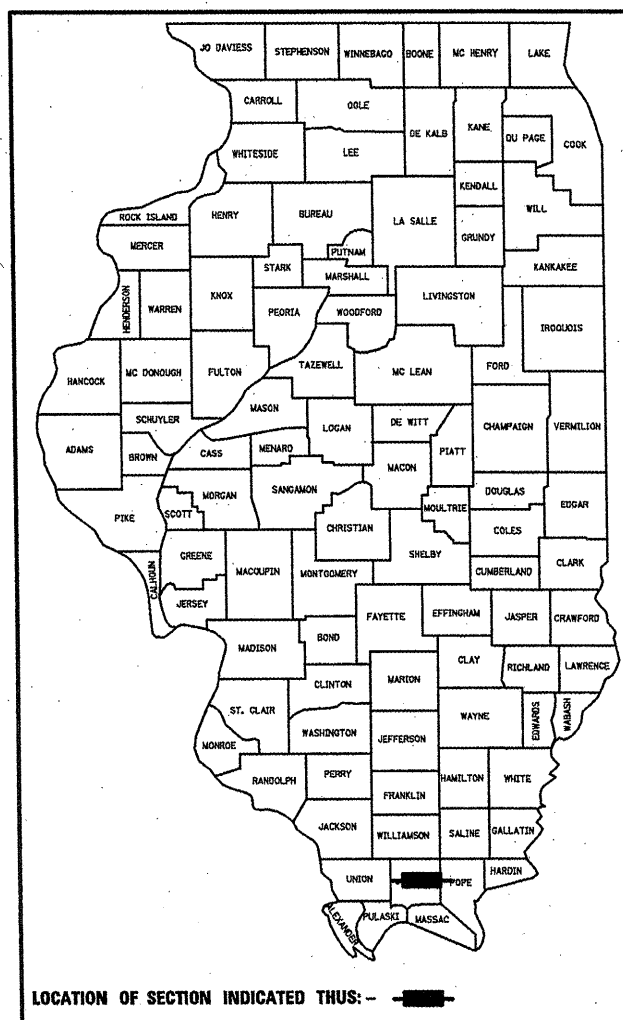
C-99-076-03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 SMART FY10-1	JACKSON	18	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 98825		

D-99-042-03

FOR INDEX OF SHEETS, SEE SHEET NO. 3

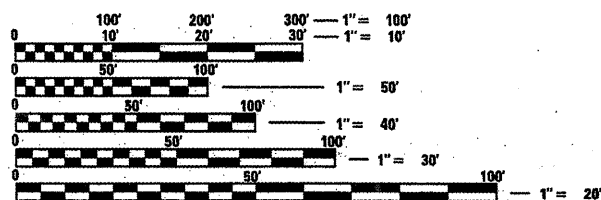
ADT: (2007) 2150
MU = 40; SU = 125



STRUCTURES TO BE OMITTED:
S.N. 044-0020 STA. 488+54 TO STA. 490+35
S.N. 044-0022 STA. 510+00 TO STA. 515+00
S.N. 044-0056 STA. 573+94 TO STA. 584+00

PROP. PROJECT BEGINS ON FAP 885 (IL. 146)
STA. 129+37 (EX. BUTT JT.)

TOWNSHIPS: VIENNA & GRANTSBURG

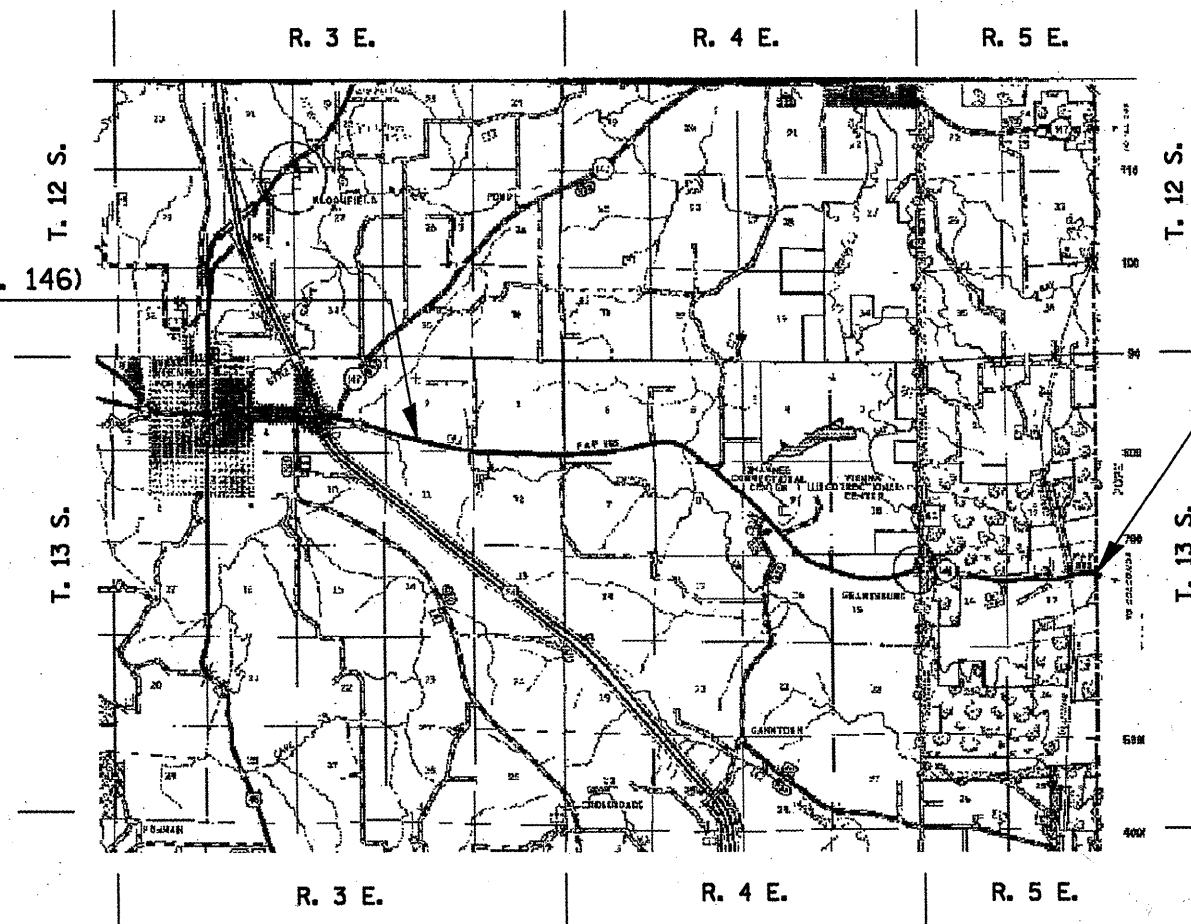


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER - CHARLES STEIN (618) 351-5210
PROJECT DESIGNER - KATHI MCCORD (618) 351-5126

CONTRACT NO. 98825



GROSS LENGTH = 46,363 FT. = 8.78 MILE
NET LENGTH = 44,676 FT. = 8.46 MILE



PROP. PROJECT ENDS OF FAP 885 (IL. 146)
STA. 593+00 AT THE JOHNSON/POPE CO. LINE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Jan 14, 2009*
Wes Adams
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13, 2009
Charles J. Jernvall
ENGINEER OF DESIGN AND ENVIRONMENT

March 13, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER: CHARLES STEIN - (618) 351-5210
DESIGNER: KATHI MCCORD - (618) 351-5126

Prepared By: Joe Blankiewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: James Travis Emery
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Scott Hiley
DISTRICT OPERATIONS ENGINEER

Examined By: Jim Smother
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce Seabler
DISTRICT MATERIALS ENGINEER

Examined By: Jim Smother
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Danny L. Danton
ASSISTANT REGIONAL ENGINEER

Approved By: My C. Kami
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 14 2009
DATE

FILE NAME =	USER NAME = maaordkr	DESIGNED -	REVISED -
c:\pwwork\pwwork\DOT\MCCORDKR\d0105162\d93925-shf-miso.dgn		DRAWN -	REVISED -
	PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/5/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	09 SMART FY10-1	JOHNSON	18	2
CONTRACT NO. 98825			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS AND HIGHWAY STANDARDS, AND STRUCTURE RATINGS
4	GENERAL NOTES; MIXTURE REQUIREMENTS
5	SUMMARY OF QUANTITIES
6 - 7	TYPICAL SECTIONS
8	SCHEDULES FOR MAINLINE RESURFACING AND GUARDRAIL
9	SCHEDULE FOR PAVEMENT MARKING
10	LOCATION MAP FOR FAP 885 (IL 146) FROM STA. 129+37 (EAST OF IL 147) TO STA. 593+00 AT THE JOHNSON/POPE CO. LINE
11 - 15	PLAN LAYOUT SHEETS - FAP 331 (IL 13/WALNUT ST.)
16	DETAILS; BUTT JT AT BEGINNING AND END OF PROJECT AND AT STRUCTURES
17	STANDARD DETAILS - TEMP. HOT-MIX ASPHALT TRANSITIONS
18	STANDARD DETAILS - ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN

HIGHWAY STANDARDS

442201-03	701311-03
635006-02	701336-05
635011-02	701901-01
701201-03	780001-02
701301-03	781001-03
701306-02	

STRUCTURE RATINGS

STRUCTURE NO.	INV. RATING	OPER. RATING	SUFF. RATING
FAP 885 (IL 146)			
044-0020	30.0	50.1	59.8
044-0022	18.6	29.7	65.0
044-0056	39.8	55.0	97.4

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR QC/QA OF BITUMINOUS MIXTURES:

ALL HOT-MIX ASPHALT.....2.016 TONS/CU.YD.
 ALL AGGREGATE.....2.05 TONS/CU.YD.
 BITUMINOUS MATERIALS (PRIME COAT)
 ON PAVEMENT.....0.09 GALS./SQ. YD.
 ON AGG. SURFACE.....0.32 GALS./SQ. YD.
 AGGREGATE (PRIME COAT).....0.0015 TONS/SQ. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS WAS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS MATS AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5/2" TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THAT A LANE EDGE IS EXPOSED TO TRAFFIC.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

THE SAWED JOINTS AT THE BEGINNING, END, AT AND STRUCTURE OMISSIONS SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE COURSE.

A LOADED MTD WILL BE ALLOWED OVER STRUCTURES 044-0020 AND 044-0056 AND AN EMPTY MTD WILL BE ALLOWED OVER STRUCTURE 044-0022, BASED OF THE LOAD CARRYING CAPACITIES OF THE STRUCTURES AND AS APPROVED BY THE ENGINEER.

COMMITMENTS: NONE

MIXTURE REQUIREMENTS SHALL BE PREPARED AS DIRECTED BELOW:

FOR IL. 146 SURFACE COURSE:

Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mixture C, N90
AC/PG:	PG64-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL-12.5 mm
Friction Aggregate:	C Surface

FOR IL. 146 CLASS D PATCHING:

Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None

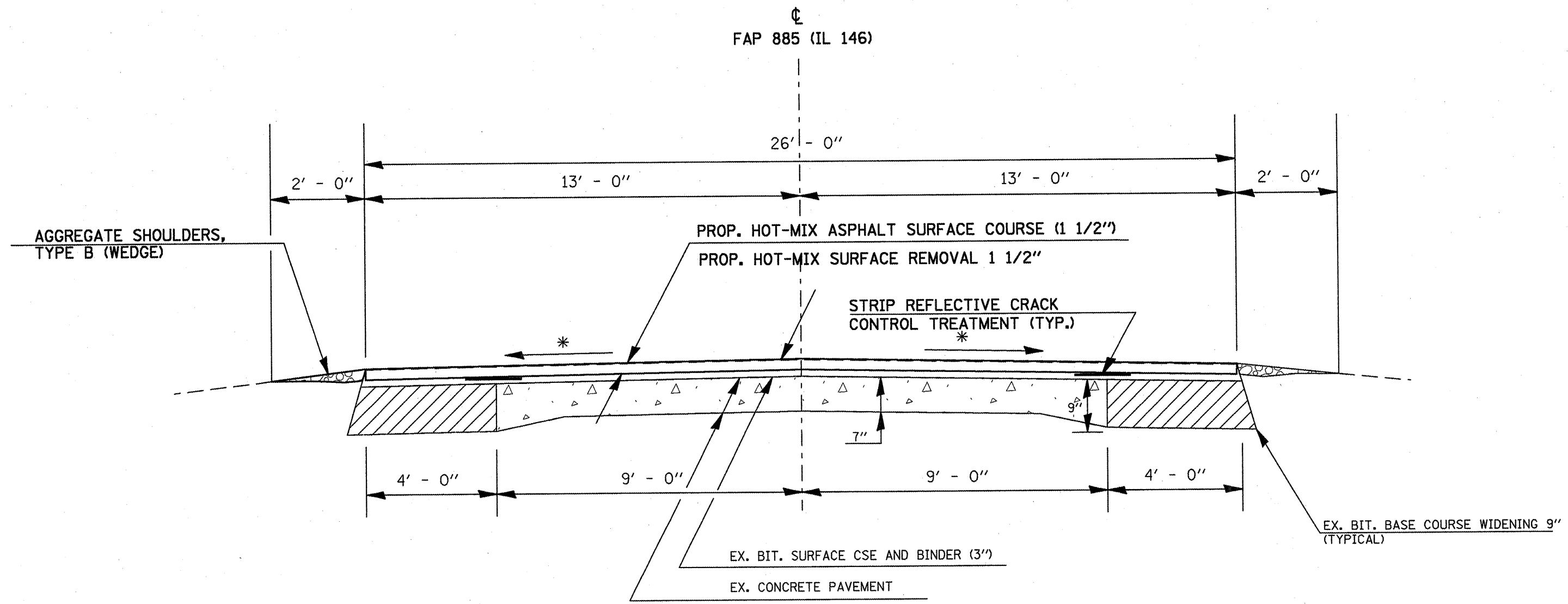
SUMMARY OF QUANTITIES

FAP 885 (IL 146)
100% FED.
JOHNSON COUNTY
CONSTRUCTION TYPE
CODE 1000

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
X0322729	MATERIAL TRANSFER DEVICE	TON	10,820.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11,592.0
40600300	AGGREGATE (PRIME COAT)	TON	193.2
40600895	CONSTRUCTING TEST STRIP	EACH	1.0
40600990	TEMPORARY RAMP	SQ YD	115.2
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90	TON	10,820.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	128,810.0
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	8.1
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	862.3
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	23.3
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	642.0
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	89,352.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,099.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12.0
63200310	GUARDRAIL REMOVAL	FOOT	300.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.0
70300100	SHORT- TERM PAVEMENT MARKING	FOOT	5,361.0
70300220	TEMPORARY PAVEMENT MARKING- LINE 4"	FOOT	145,035.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	49,631.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	145,035.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	563
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	12
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	563

**Specialty Items*

TYPICAL SECTION NO. 1



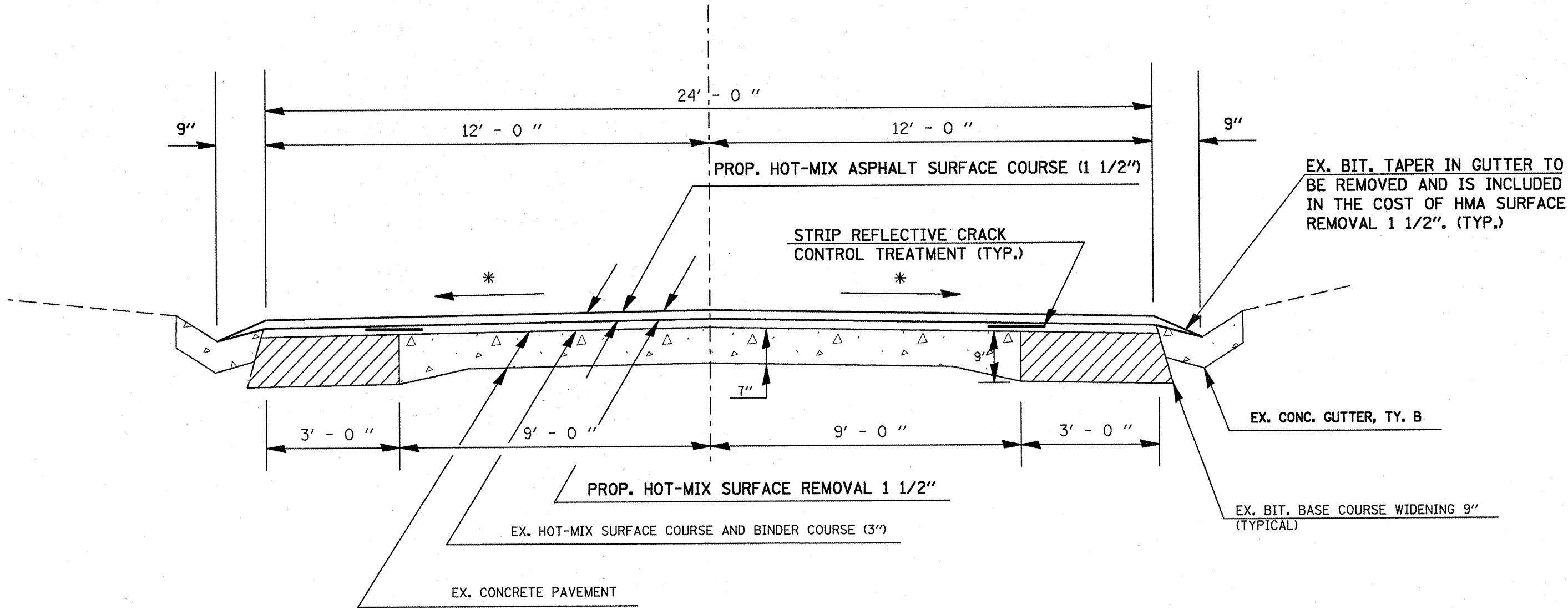
TO BE USED:
 WHERE GUTTER IS NOT ENCOUNTERED.
 STA. 129+37 TO STA. 473+11
 STA. 484+54 TO STA. 488+54
 STA. 490+35 TO STA. 510+00
 STA. 515+00 TO STA. 573+94
 STA. 584+00 TO STA. 593+00

LOCATIONS WHERE STRUCTURES
 ARE OMITTED:
 STA. 488+54 TO STA. 490+35
 STA. 510+00 TO STA. 515+00
 STA. 573+94 TO STA. 584+00

FILE NAME =	USER NAME = moorckr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: _____ SHEET NO. _____ OF 988 SHEETS STA. _____ TO STA. _____	F.A.P. RTE. 885	SECTION D9 SMART FY10-1	COUNTY JOHNSON	TOTAL SHEETS 18	SHEET NO. 6	
ci\pwwork\pwwdot\mccordkr\d0105162\d99825-shr-misc.dgn	PLOT SCALE = 1/8" = 1' IN.	DRAWN -	REVISED -			FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	CONTRACT NO. 98825			
	PLOT DATE = 1/9/2009	CHECKED -	REVISED -								
		DATE -	REVISED -								

TYPICAL SECTION NO. 2

☐
FAP 885 (IL 146)



TO BE USED:
WHERE GUTTER IS ENCOUNTERED
IN GRANTSBURG
STA. 473+11 TO STA. 484+54.

FILE NAME =	USER NAME = mcdordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwid\mcdordkr\0105162\d99825-ahf-miso.dgn	825-ahf-miso.dgn	DRAWN -	REVISED -		885	D9 SMART FY10-1	JOHNSON	18	7
PLOT SCALE = 1/8" = 1' / IN.		CHECKED -	REVISED -		CONTRACT NO. 98825				
PLOT DATE = 1/9/2009		DATE -	REVISED -		FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____	

MAINLINE RESURFACING SCHEDULE

LOCATION STATION TO STATION			LENGTH (FT)	ROADWAY WIDTH (FT)	ROADWAY AREA (SQ YD)	HMA SURF. REM. 1 1/2" (SQ YD)	TEMPORARY RAMP (SQ YD)	HMA SURF. CSE. MIX C. N90 (1 1/2") (TON)	BIT. MAT. (PRIME COAT) (GAL)	AGG. (PRIME COAT) (TON)	AGG. SHOULDER TYPE B (TON)	NOTES	
													FOR INFORMATIONAL PURPOSE ONLY
STA. 129+37 TO STA. 593+00													
	129+37.00	TO	473+11.00	34,374.0	26.0	99,303	99,303	14.4	8,341	8,937	149.0	867	
Thru Grantsburg Limit	473+11.00	TO	484+54.00	1,143.0	24.0	3,048	3,048		256	274	4.6		Ex. Gutter Location
	484+54.00	TO	488+54.00	400.0	26.0	1,156	1,156	14.4	97	104	1.7	10	
	488+54.00	TO	490+35.00	OMIT S. N. 044-0020 OVER BAY CREEK									
	490+35.00	TO	510+00.00	1,965.0	26.0	5,677	5,677	28.8	477	511	8.5	50	
	510+00.00	TO	515+00.00	OMIT S. N. 044-0022 OVER BELL POND CREEK									
	515+00.00	TO	573+94.00	5,894.0	26.0	17,027	17,027	28.8	1,430	1,532	25.5	149	
	573+94.00	TO	584+00.00	OMIT S. N. 044-0056 OVER C. N. / I. C. RAILROAD									
	584+00.00	TO	593+00.00	900.0	26.0	2,600	2,600	28.8	218	234	3.9	23	
							0		0	0.0	0.0	0.0	
							0		0	0.0	0.0	0.0	
							0.0		0.0	0.0	0.0	0.0	
TOTALS				44676.0		128,810	128,810	115.2	10,820	11,592	193.5	1099	

GUARDRAIL SCHEDULE

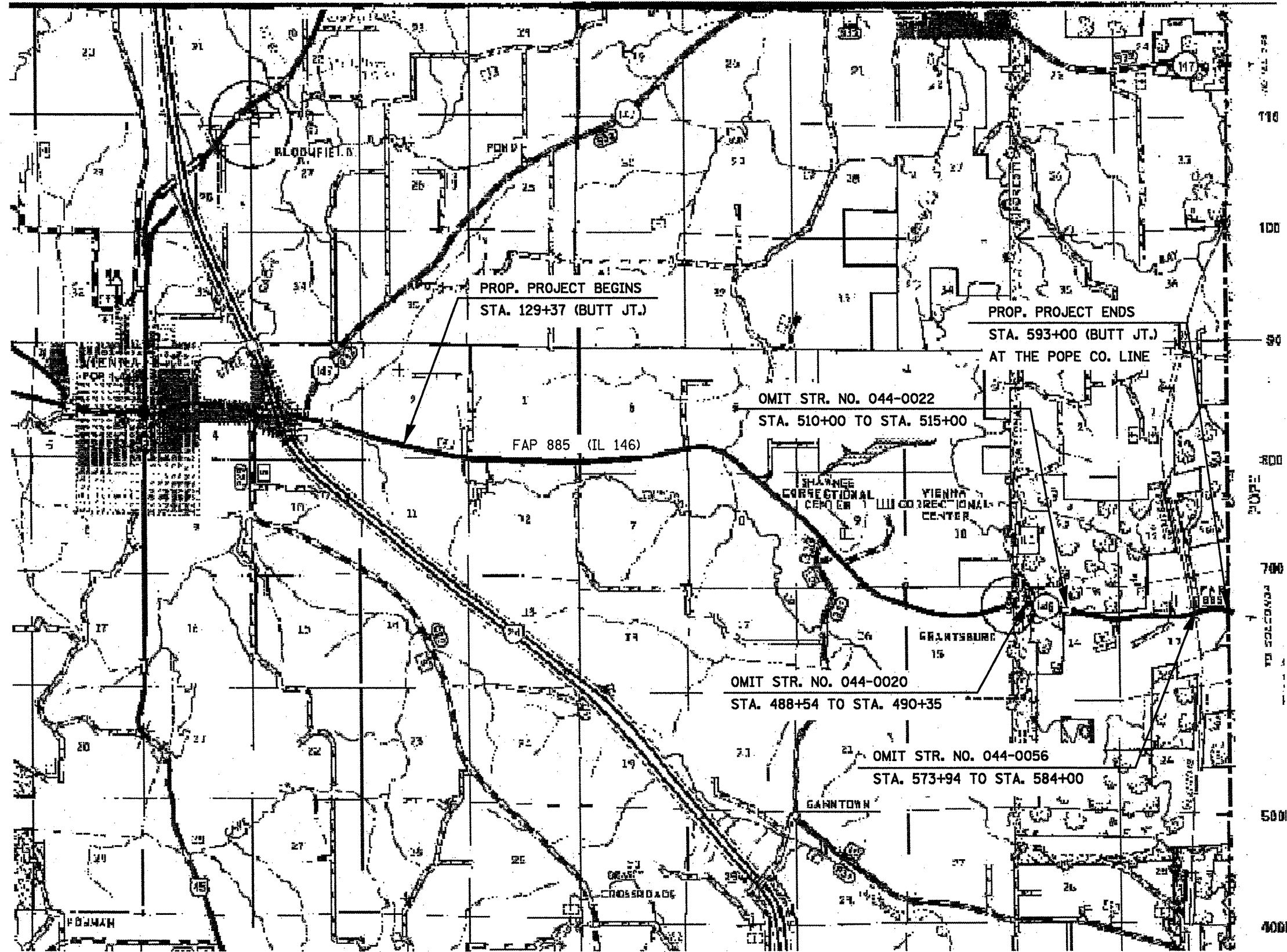
LOCATION	GUARDRAIL REMOVAL FOOT	TRAFFIC BARRIER TERMINAL	TERMINAL MARKERS - DA	GUARDRAIL MARKERS	REMARKS	
		TY 1 SPL (TAN)				
		EACH	EACH	EACH		
JACKSON COUNTY						
Lt & Rt Sta. 140+00						
NW QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
NE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SW QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
Lt & Rt Sta. 185+00						
NW QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
NE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SW QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SN 044-0020 Lt & Rt Sta. 490+00						
NE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
Rt Sta. 570+00						
SW QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
SE QUADRANT	25	1	1	1	NEW TERMINAL AND TERMINAL MARKER	
TOTALS		300	12	12	12	

PAVEMENT MARKING SCHEDULE

STATION TO STATION				PAINT PAVEMENT MARKING			TEMPORARY	NOTES
				4 INCH YELLOW SKIP-DASH	4 INCH YELLOW (NPZ)	4 INCH WHITE (EDGE LINE)	4 INCH	
				FOOT	FOOT	FOOT	FOOT	
Station 129+37 To Station 593+48								
	129+37.0	TO	136+14.0	169			169	
	170+51.0	TO	195+73.0	631			631	
	198+89.0	TO	270+32.0	1786			1786	
	283+75.0	TO	302+99.0	481			481	
	323+50.0	TO	413+46.0	2249			2249	
	424+46.0	TO	455+26.0	770			770	
	460+00.0	TO	466+05.0	151			151	
	496+96.0	TO	511+66.0	368			368	
	514+28.0	TO	531+44.0	429			429	
	532+49.0	TO	551+71.0	481			481	
RT	129+37.0	TO	170+51.0		4114		4114	NPZ RIGHT
RT	185+99.0	TO	198+89.0		1290		1290	NPZ RIGHT
RT	211+78.0	TO	219+68.0		790		790	NPZ RIGHT
RT	261+11.0	TO	283+75.0		2264		2264	NPZ RIGHT
RT	292+96.0	TO	323+50.0		3054		3054	NPZ RIGHT
RT	345+61.0	TO	352+19.0		658		658	NPZ RIGHT
RT	402+46.0	TO	424+46.0		2200		2200	NPZ RIGHT
RT	440+52.0	TO	448+42.0		790		790	NPZ RIGHT
RT	455+26.0	TO	487+84.0		3258		3258	NPZ RIGHT
RT	491+07.0	TO	496+96.0		589		589	NPZ RIGHT
RT	520+38.0	TO	532+49.0		1211		1211	NPZ RIGHT
RT	540+65.0	TO	570+92.0		3027		3027	NPZ RIGHT
RT	583+29.0	TO	593+00.0		971		971	NPZ RIGHT
LT	136+14.0	TO	182+04.0		4590		4590	NPZ LEFT
LT	195+73.0	TO	209+42.0		1369		1369	NPZ LEFT
LT	222+58.0	TO	231+00.0		842		842	NPZ LEFT
LT	270+32.0	TO	292+96.0		2264		2264	NPZ LEFT
LT	302+99.0	TO	335+07.0		3208		3208	NPZ LEFT
LT	355+87.0	TO	361+92.0		605		605	NPZ LEFT
LT	413+46.0	TO	434+99.0		2153		2153	NPZ LEFT
LT	449+73.0	TO	460+00.0		1027		1027	NPZ LEFT
LT	466+05.0	TO	487+84.0		2179		2179	NPZ LEFT
LT	491+07.0	TO	508+01.0		1694		1694	NPZ LEFT
LT	531+44.0	TO	543+81.0		1237		1237	NPZ LEFT
LT	551+71.0	TO	570+92.0		1921		1921	NPZ LEFT
LT	583+29.0	TO	593+00.0		971		971	NPZ LEFT
LT	129+37.0	TO	380+50.0			25113	25113	Correctional Ent.
LT	380+86.0	TO	394+76.0		1390		1390	Correctional Ent.
LT	395+12.0	TO	488+54.0		9342		9342	
LT	490+35.0	TO	510+00.0		1965		1965	
LT	515+00.0	TO	573+94.0		5894		5894	
LT	584+00.0	TO	593+00.0		900		900	
RT	129+37.0	TO	380+50.0		25113		25113	Reevesville Rd.
RT	380+86.0	TO	488+54.0		10768		10768	
RT	490+35.0	TO	510+00.0		1965		1965	
RT	515+00.0	TO	573+94.0		5894		5894	
RT	584+00.0	TO	593+00.0		900		900	
SUB-TOTALS				7515	48276	89244	145035	
TOTALS					145035		145035	

FILE NAME =	USER NAME = mcoorder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. _____	SECTION _____	COUNTY _____	TOTAL SHEETS _____	SHEET NO. _____
al\pwork\PIWIDOT\MCCORDKR\d0105162\d99825-shr-mso.dgn		DRAWN -	REVISED -		_____	_____	_____	_____	_____
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		_____	_____	_____	_____	_____
PLOT DATE = 1/6/2009		DATE -	REVISED -		_____	_____	_____	_____	_____
					SCALE: _____		SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____
					FED. ROAD DIST. NO. _____ (ILLINOIS) FED. AID PROJECT				

LOCATION MAP
 FAP 885 (IL 146)
 JOHNSON COUNTY

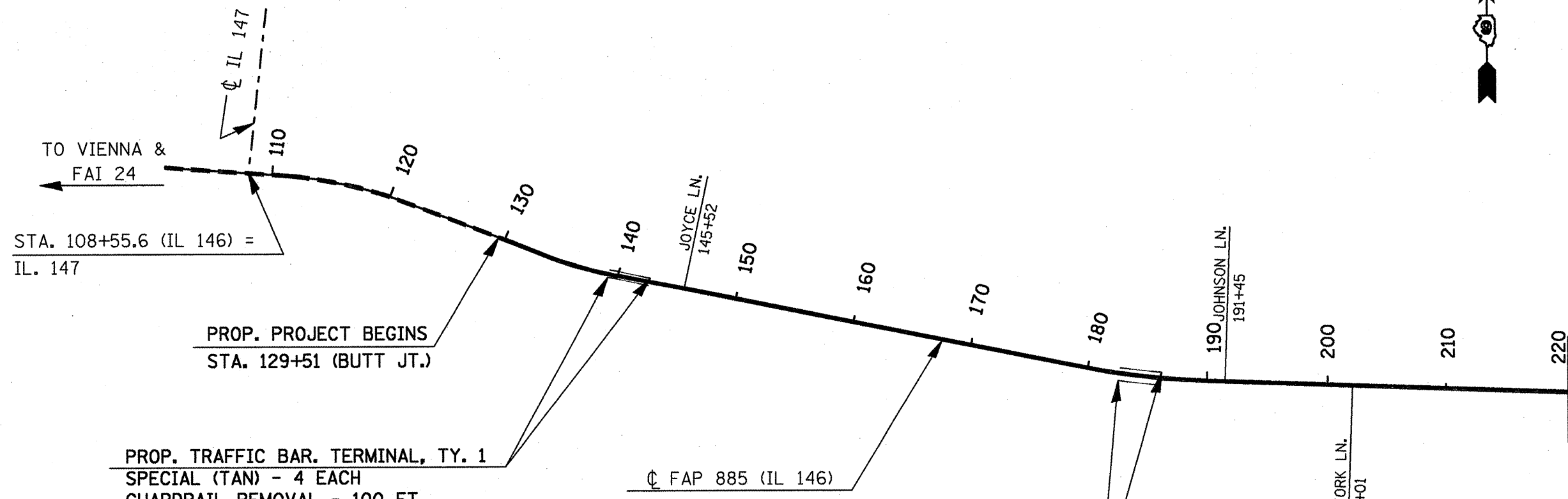


FILE NAME =	USER NAME = moardkr	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000 // IN.		CHECKED -	REVISED -
PLOT DATE = 1/7/2009		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	09 SMART FY10-1	JOHNSON	18	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 98825	



TO VIENNA &
FAI 24

STA. 108+55.6 (IL 146) =
IL. 147

PROP. PROJECT BEGINS
STA. 129+51 (BUTT JT.)

PROP. TRAFFIC BAR. TERMINAL, TY. 1
SPECIAL (TAN) - 4 EACH
GUARDRAIL REMOVAL - 100 FT.
LT. & RT. STA. 140+00 (SEE GUARDRAIL
SCHEDULE, SHT. 8)

CL FAP 885 (IL 146)

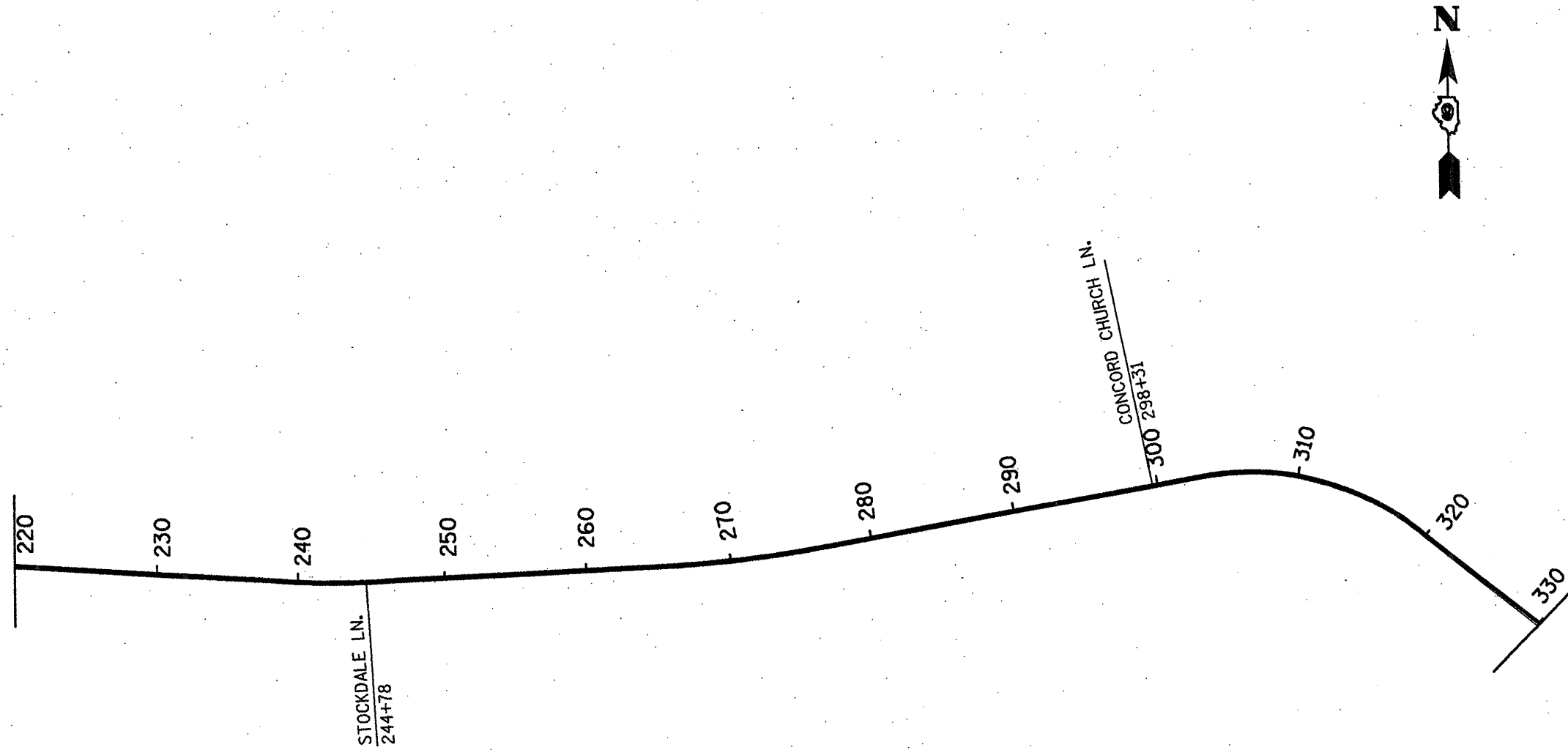
PROP. TRAFFIC BAR. TERMINAL, TY. 1
SPECIAL (TAN) - 4 EACH
GUARDRAIL REMOVAL - 100 FT.
LT. & RT. STA. 185+00 (SEE GUARDRAIL
SCHEDULE, SHT. 8)

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PLOT DATE = 1/12/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 SMART FY10-1	JOHNSON	18	11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 98825	

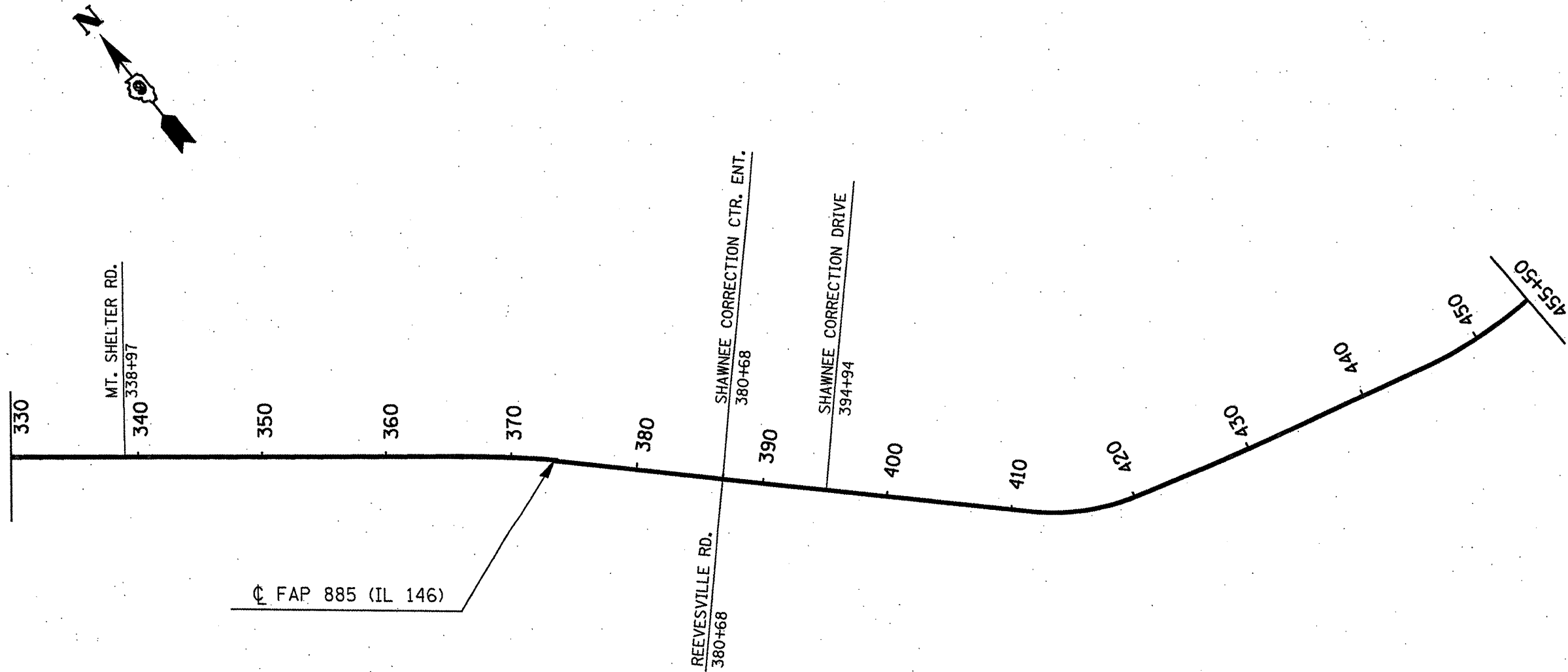


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PLOT DATE = 12/30/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	09 SMART EY10-1	JOHNSON	18	12
CONTRACT NO. 98825			ILLINOIS FED. AID PROJECT	



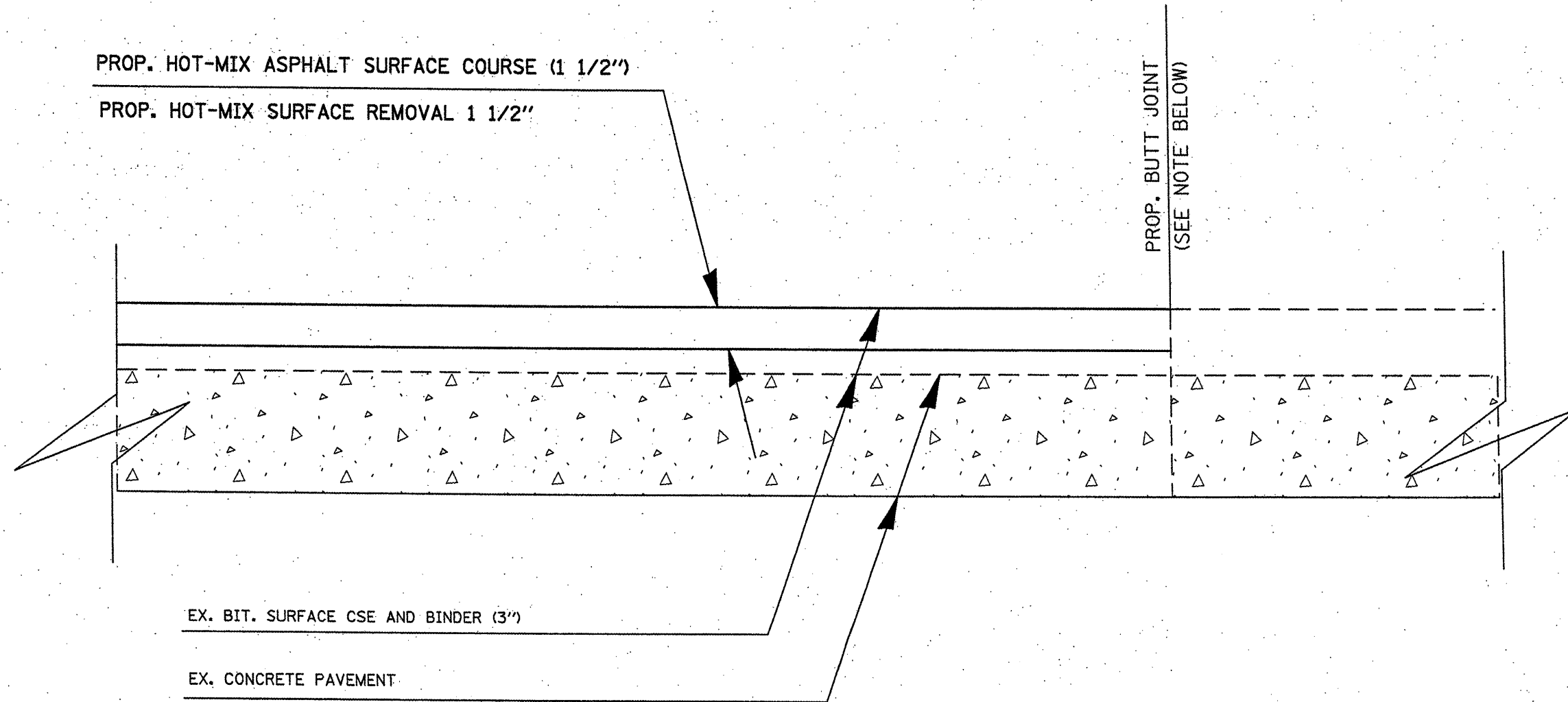
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PLDT DATE = 12/30/2000		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 SMART FY10-1	JOHNSON	18	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO. 98825

PROP. BUTT JOINT DETAIL



TO BE USED:
BEGINNING, END AND AT OMITTED STRUCTURES

NOTE:
PROPOSED BUTT JOINT COST IS INCLUDED IN
THE COST OF THE HMA SURFACE COURSE.

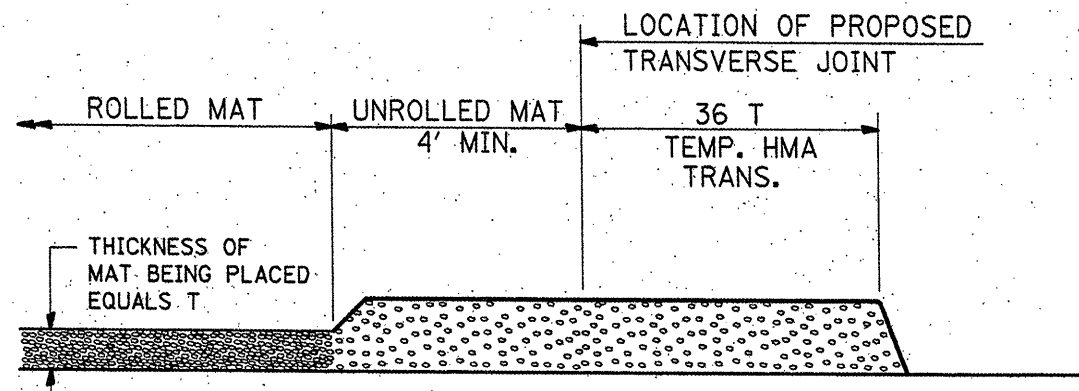
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____
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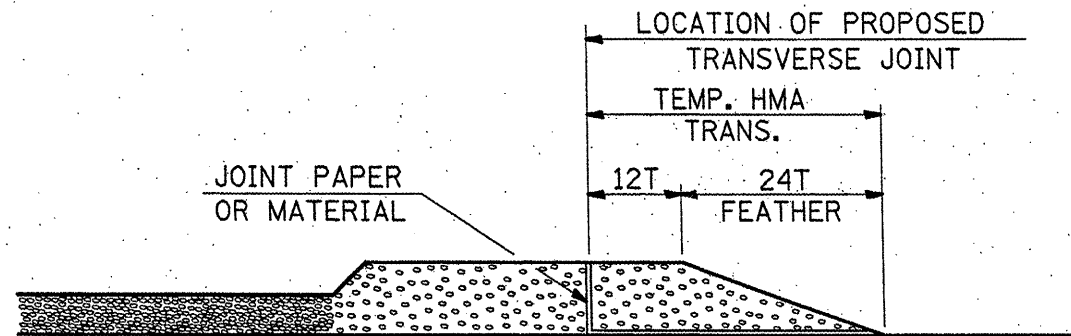
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	09 SWART FY10-1	JOHNSON	18	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 98825	

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



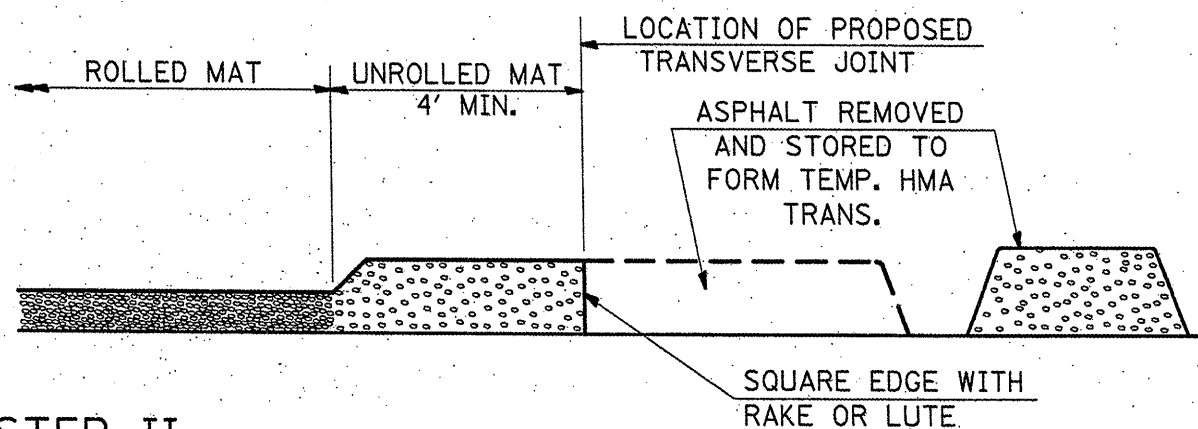
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



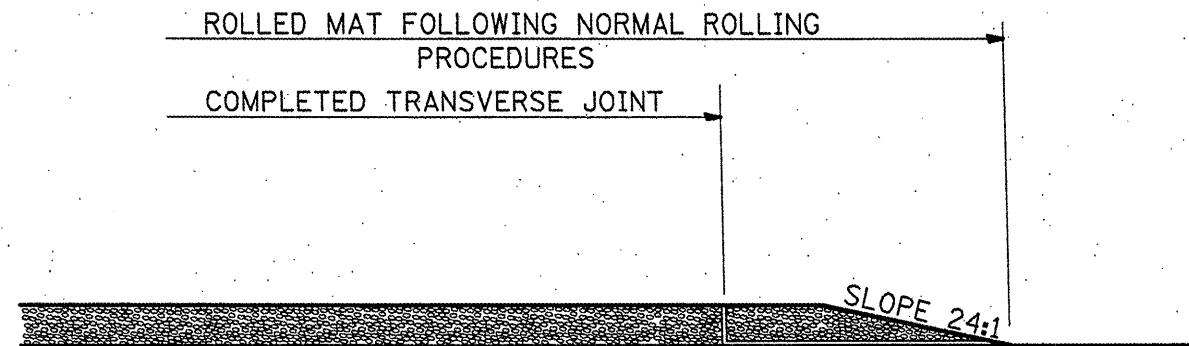
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
REVISED	

STD. 9-26

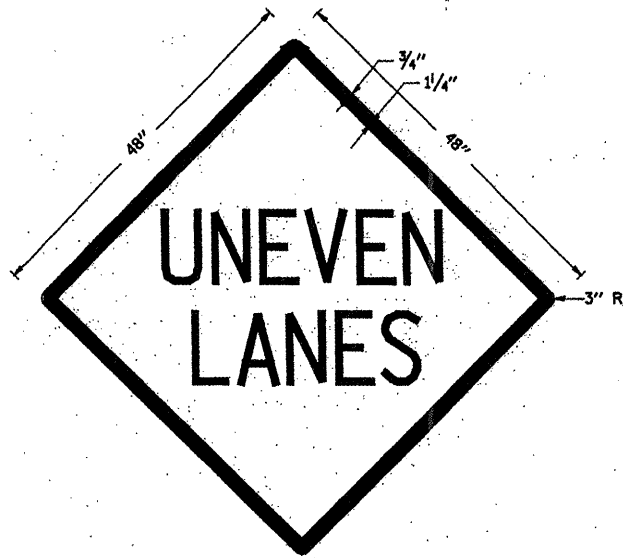
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 SMART FY10-1	JOHNSON	18	17
SCALE: _____			SHEET NO. _____ OF _____ SHEETS	
STA. _____ TO STA. _____			FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT	

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:
 LEGEND AND BORDER - BLACK NON-REFLECTORIZED
 BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

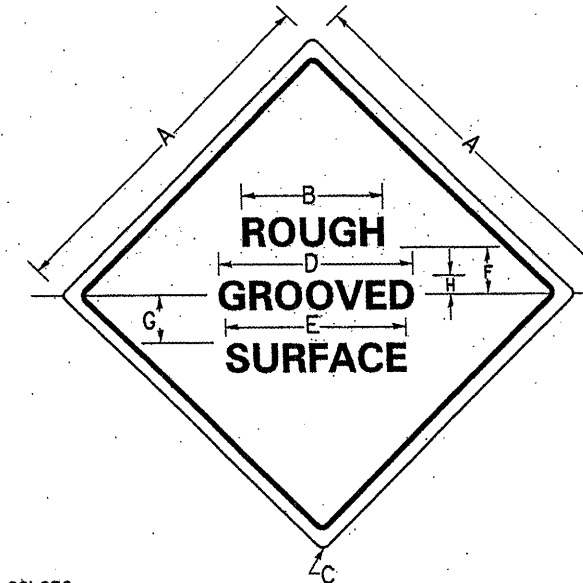
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	10-23-01
REVISION	10-23-01
REVISION	10-23-01
REVISION	10-23-01

STD. 9-31

ILLINOIS STANDARD

W8-I106



COLORS:
 LEGEND AND BORDER BLACK NON-REFLECTORIZED
 BACKGROUND ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COARSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISIONS	
REDRAWN	10-23-01
STD.	9-39

FILE NAME =	USER NAME = mcaordkr	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000 / / IN.		CHECKED -	REVISED -
PLOT DATE = 1/5/2009		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	09 SMART EY10-1	JOHNSON	18	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 98825	