

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328		WAYNE & WHITE	15	1

\*(104,105)RS-4,(108)RS-3

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

FAP ROUTE 328 (US 45)  
SECTION (104,105)RS-4,(108)RS-3  
PROJECT : F-0328(019)  
WAYNE & WHITE COUNTY  
C-99-026-06  
3P RESURFACING

FOR INDEX OF SHEETS, SEE SHEET NO. 2

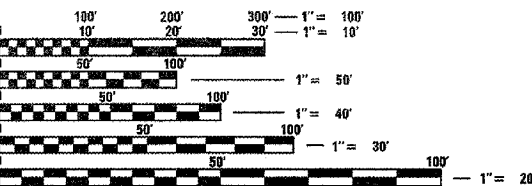
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

### TRAFFIC DATA

US 45: 2006 ADT = 2730 WITH 16.7% TRUCKS  
2026 ADT = 3330 WITH 16.7% TRUCKS

### STATION EQUATIONS

STA 493+73.5 = STA 493+73.9  
STA 501+16.3 = STA 501+16.5  
STA 512+78.1 = STA 512+78.6  
STA 550+17.2 = STA 550+22.8  
STA 677+00.0 = STA 677+01.8  
STA 684+86.0 = STA 685+02.2  
STA 699+57.8 = STA 699+73.9  
STA 709+73.1 = STA 707+99.6  
STA 780+22.6 = STA 780+95.4  
STA 830+77.0 = STA 827+42.6  
STA 873+73.8 = STA 873+74.5  
STA 1021+47.2 = STA 32'+00  
STA 22'+90.4 = STA 22'+98.2  
STA 18'+40.4 = STA 18'+46.9  
STA 9'+07.0 = STA 9'+07.3  
STA 0'+00 = STA 0+00 (€ MAIN ST)  
STA 17+11.1 = STA 17+21.9  
STA 22+14.9 = STA 22+24.9

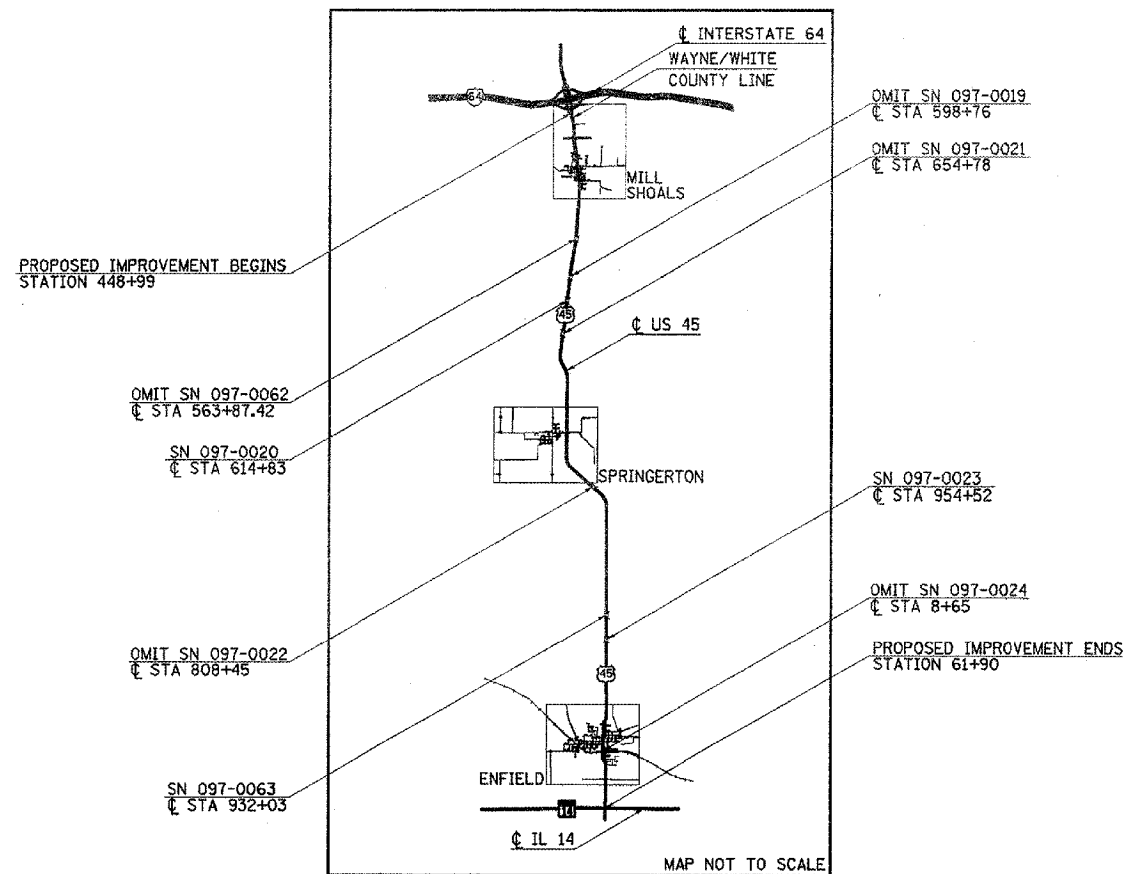
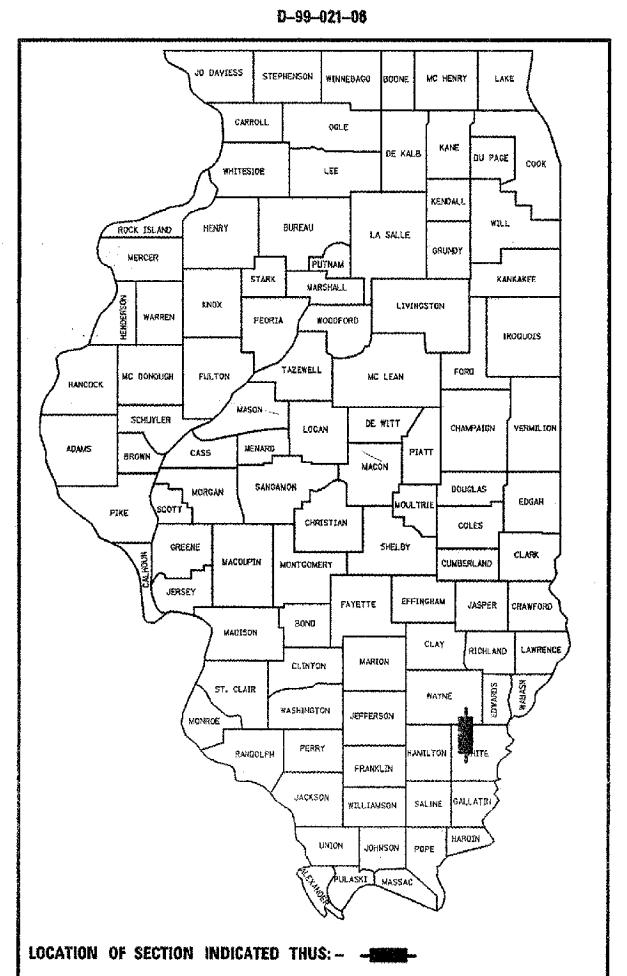


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 98961

COUNTY: WAYNE & WHITE SECTION: (104,105)RS-4,(108)RS-3 ROUTE: FAP 328



GROSS LENGTH = 67026 FEET = 12.7 MILES  
NET LENGTH = 65631 FEET = 12.4 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *Oct 16, 2006*  
*Mae Harris*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*December 8, 2006*  
*Eric E. Harris*  
ENGINEER OF DESIGN AND ENVIRONMENT

*December 8, 2006*  
*Milton R. Sees P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: CHARLES STEIN (618)548-2171  
DESIGNER: PAULA STOVER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	2
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\* (104,105)RS-4, (108)RS-3

### GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT 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 HOT-MIX ASPHALT MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016 TONS / CU YD
ALL AGGREGATE	2.05 TONS / CU YD
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL / SQ YD
INTERMEDIATE LIFTS (FOG COAT)	0.04 GAL / SQ YD
ON AGGREGATE SURFACE	0.32 GAL / SQ YD
AGGREGATE (PRIME COAT)	0.0015 TONS / SQ YD
RIPRAP	1.50 TONS / CU YD

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

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

STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE APPLIED AS DIRECTED BY THE ENGINEER.

THE COST OF REMOVING THE EXISTING RUMBLE STRIPS AT THE LOCATIONS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2".

IF EXISTING SUB-BASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUB-BASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE. IF EXISTING SUB-BASE IS DETERMINED TO BE ADEQUATE, THE AGGREGATE BASE COURSE SHALL BE DELETED AND THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.

THE QUANTITY SHOWN FOR MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS IS AN ESTIMATE. THE ACTUAL AMOUNT USED WILL BE DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS SURFACE 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 1/2 IN. 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 THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

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.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

### GENERAL NOTES (CONT'D)

ANY MIXING OR PLACEMENT OF HOT-MIX ASPHALT MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.

ALL EXISTING CURB AND GUTTER DAMAGED OR DESTROYED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE IN A MANNER SATISFACTORY TO THE ENGINEER.

#### STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NUMBER	OPERATING RATING	INVENTORY RATING	POSTING
097-0019	39.7	24.7	NO POSTING REQUIRED
097-0020	36.1	20.0	NO POSTING REQUIRED
097-0021	41.2	25.6	NO POSTING REQUIRED
097-0022	42.2	26.3	LEGAL LOADS ONLY
097-0023	27.8	15.6	NO POSTING REQUIRED
097-0024	34.0	23.0	NO POSTING REQUIRED
097-0062	39.9	24.7	NO POSTING REQUIRED
097-0063	31.7	22.2	NO POSTING REQUIRED

### INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES, STANDARDS, MIXTURE REQUIREMENTS, PAVEMENT CORES
3	SUMMARY OF QUANTITIES
4-8	TYPICAL SECTIONS
9-10	SCHEDULES OF QUANTITIES
11	DETAILS: SIDEROADS AND ENTRANCES
12	DETAILS: MILLING TRANSITION TO INLAY AREAS, STRUCTURES
13	DETAILS: TEMPORARY HOT-MIX ASPHALT TRANSITIONS, BUTT JOINT, UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN
14	DETAILS: IL 14 INTERSECTION, SIDEROAD RAMPS, RUMBLE STRIPS
15	DETAIL: DIAGRAM OF ENTIRE PROJECT

### STANDARDS

- 442201-02
- 630001-07
- 630301-04
- 635006-02
- 701006-02
- 701011-01
- 701301-02
- 701306-01
- 701311-02
- 701336-04
- 702001-06
- 780001-01
- 781001-02
- 701316-03

### COMMITMENTS

NONE

### MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE, LEVELING BINDER, AND INCIDENTAL HOT-MIX ASPHALT SURFACING
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90
AC/PG:	PG64-22
RAP% (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL 12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SHOULDERS
AC/PG:	PG58-22
RAP% (MAX):	50
DESIGN AIR VOIDS:	2.0%, 30 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	BITUMINOUS AGGREGATE MIXTURE, SUPERPAVE
FRICTION AGGREGATE:	NONE

LOCATION(S):	CLASS D PATCHES
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, MIX "B", N90
AC/PG:	PG64-22
RAP% (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 MM
FRICTION AGGREGATE:	NONE

### PAVEMENT CORES

STATION	OFFSET	DESCRIPTION
469+00	11' RT	19 1/2" BIT
472+60	12' LT	13" BIT
602+50	12' RT	19 1/2" BIT
692+00	11' LT	19 1/2" BIT
715+00	12' RT	17" BIT
16+45	12' LT	9 1/2" BIT; 7 1/2" PCC
17+50	12' RT	17 1/2" BIT
61+47	11' LT	7" BIT; 9" PCC

Prepared By: *Ave Zdaniewicz*  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *John G.*  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Kevin Hammer*  
DISTRICT OPERATIONS ENGINEER

Examined By: *Joseph Legier*  
DISTRICT CONSTRUCTION ENGINEER

Examined By: *Bruce Soble*  
DISTRICT MATERIALS ENGINEER

Examined By: *John Smothers*  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Samuel Clayton*  
ASSISTANT REGIONAL ENGINEER

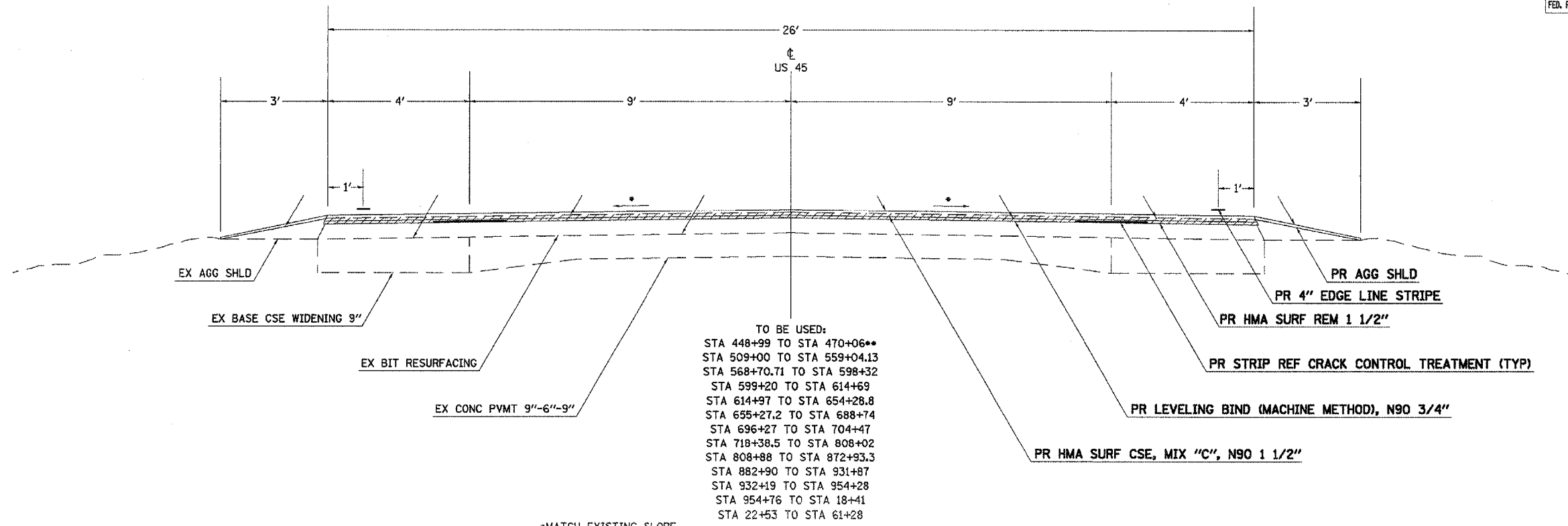
Approved By: *Mary Hammi*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE: Oct 16 2002



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	4
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

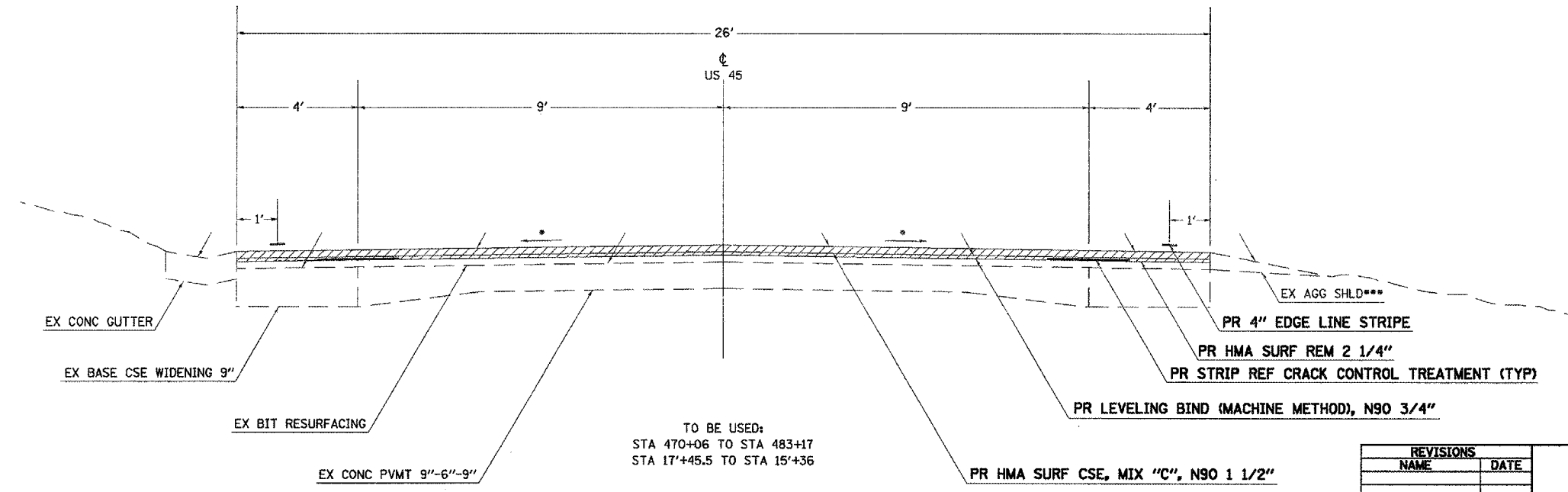
\* (104,105)RS-4, (108)RS-3



TO BE USED:  
 STA 448+99 TO STA 470+06\*\*  
 STA 509+00 TO STA 559+04.13  
 STA 568+70.71 TO STA 598+32  
 STA 599+20 TO STA 614+69  
 STA 614+97 TO STA 654+28.8  
 STA 655+27.2 TO STA 688+74  
 STA 696+27 TO STA 704+47  
 STA 718+38.5 TO STA 808+02  
 STA 808+88 TO STA 872+93.3  
 STA 882+90 TO STA 931+87  
 STA 932+19 TO STA 954+28  
 STA 954+76 TO STA 18+41  
 STA 22+53 TO STA 61+28

\*MATCH EXISTING SLOPE

\*\*FROM STA 448+99 TO STA 450+99 THE EXISTING HMA SHOULDERS WILL BE MILLED AND WILL HAVE A 4' HOT-MIX ASPHALT SHOULDER OVERLAY AND NO AGGREGATE SHOULDER



TO BE USED:  
 STA 470+06 TO STA 483+17  
 STA 17+45.5 TO STA 15'+36

\*MATCH EXISTING SLOPE

\*\*\*AN ADDITIONAL QUANTITY OF AGGREGATE SHOULDER HAS BEEN ADDED IN THIS AREA. IF THE EXISTING AGGREGATE SHOULDERS ARE SUFFICIENT, THIS QUANTITY SHALL BE DELETED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

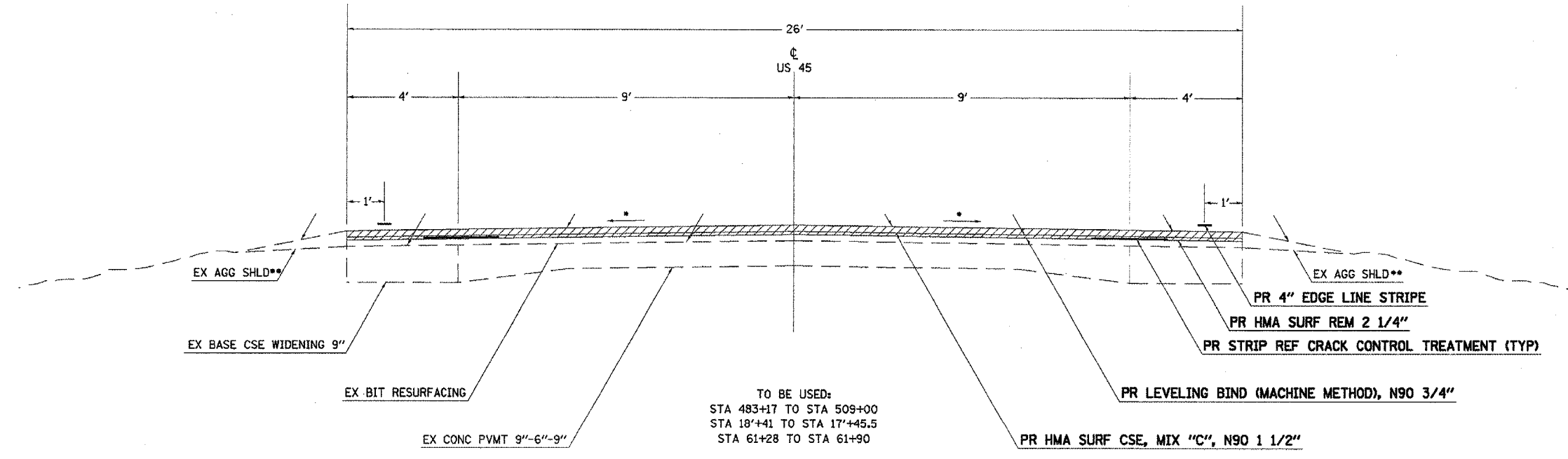
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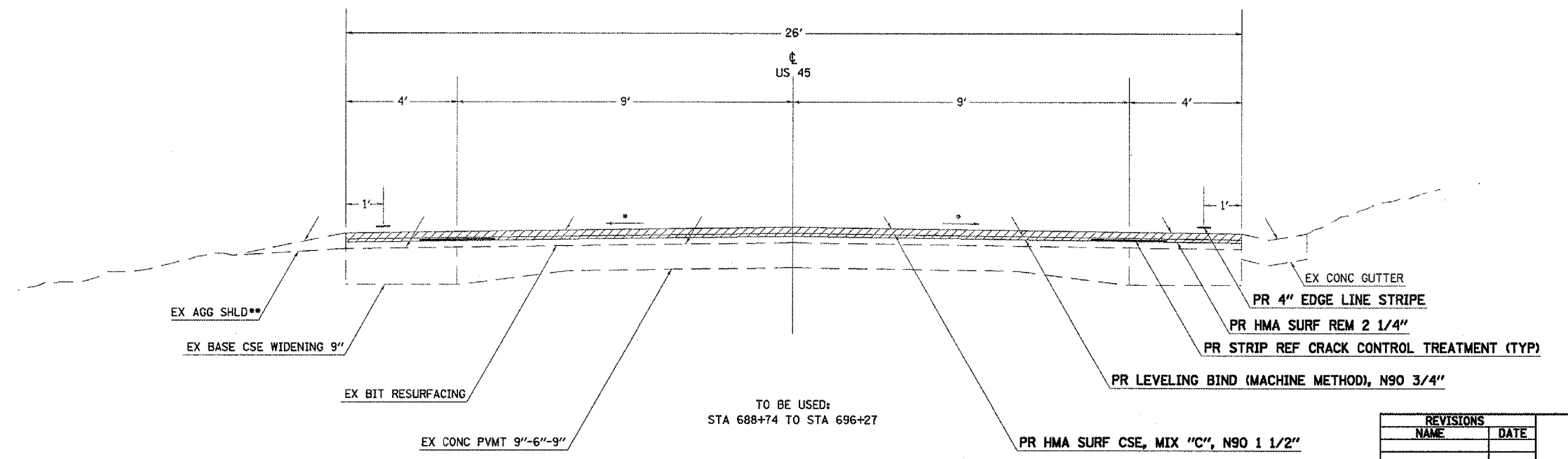
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	5
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\* 104,105IRS-4,108IRS-3



\*MATCH EXISTING SLOPE  
 \*\*AN ADDITIONAL QUANTITY OF AGGREGATE SHOULDER HAS BEEN ADDED IN THIS AREA. IF THE EXISTING AGGREGATE SHOULDERS ARE SUFFICIENT, THIS QUANTITY SHALL BE DELETED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

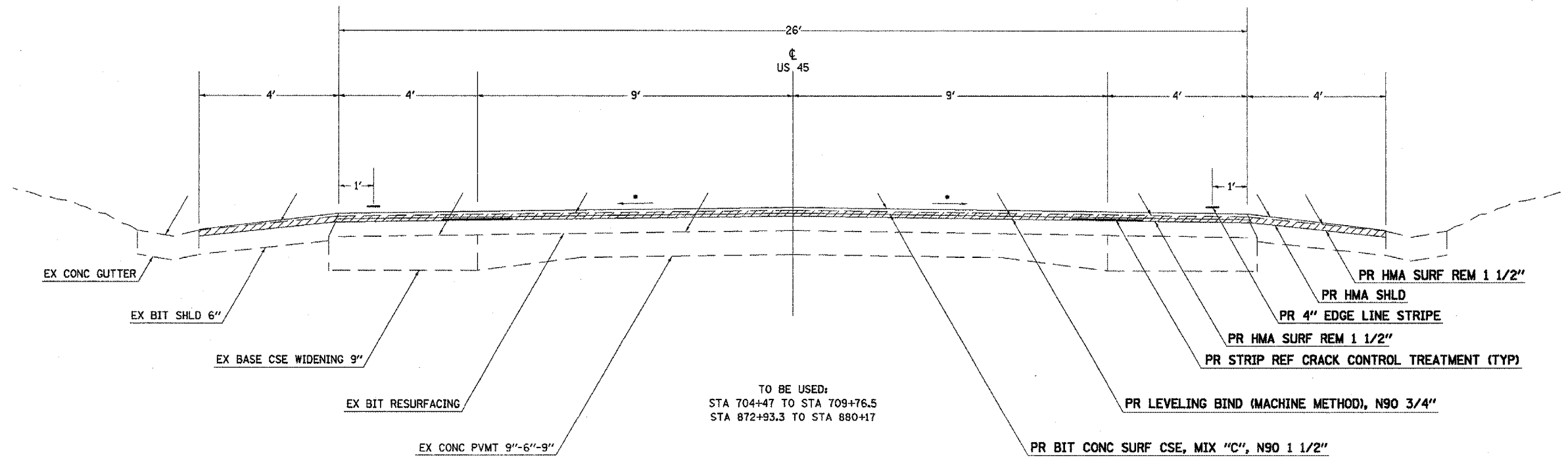
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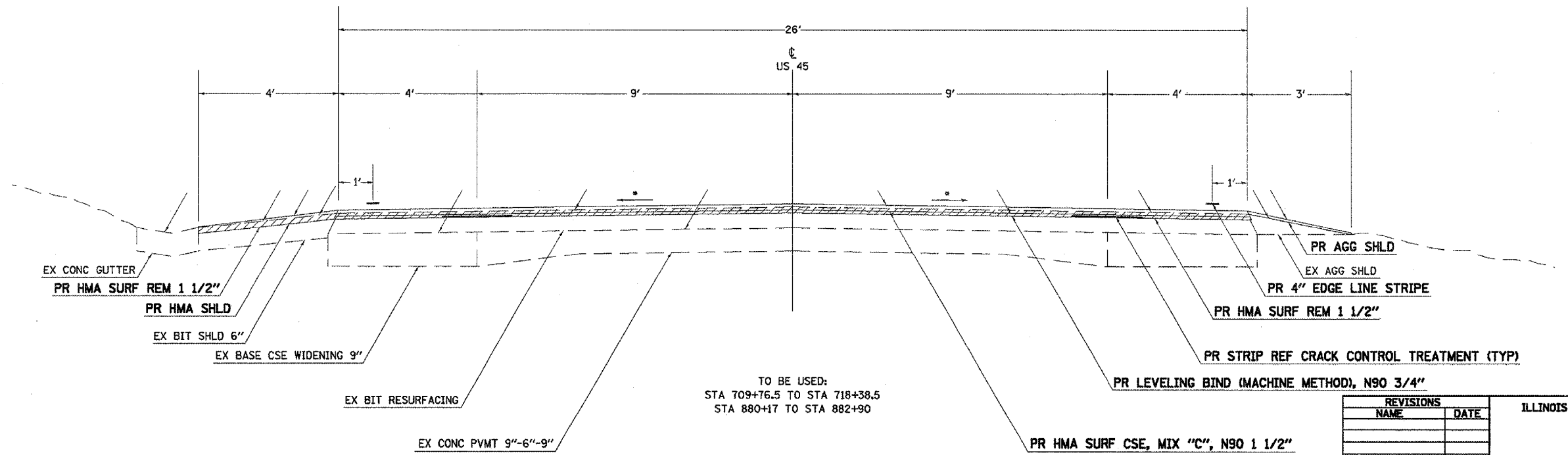
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (104,105)RS-4, (108)RS-3				



TO BE USED:  
 STA 704+47 TO STA 709+76.5  
 STA 872+93.3 TO STA 880+17

\*MATCH EXISTING SLOPE\*



TO BE USED:  
 STA 709+76.5 TO STA 718+38.5  
 STA 880+17 TO STA 882+90

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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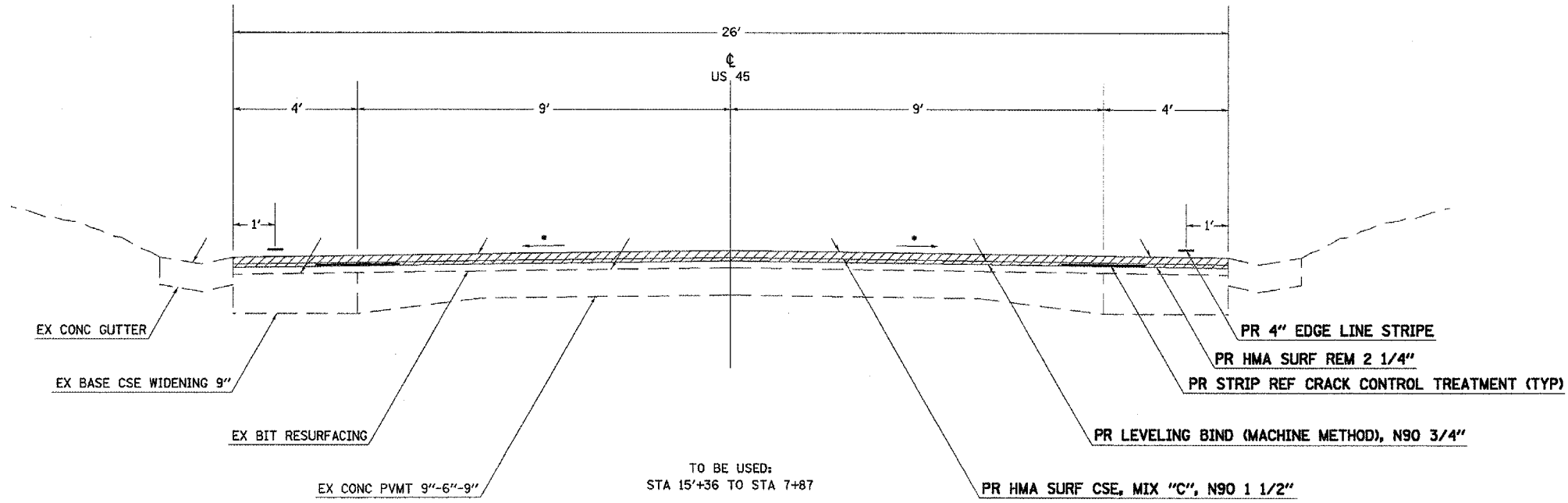
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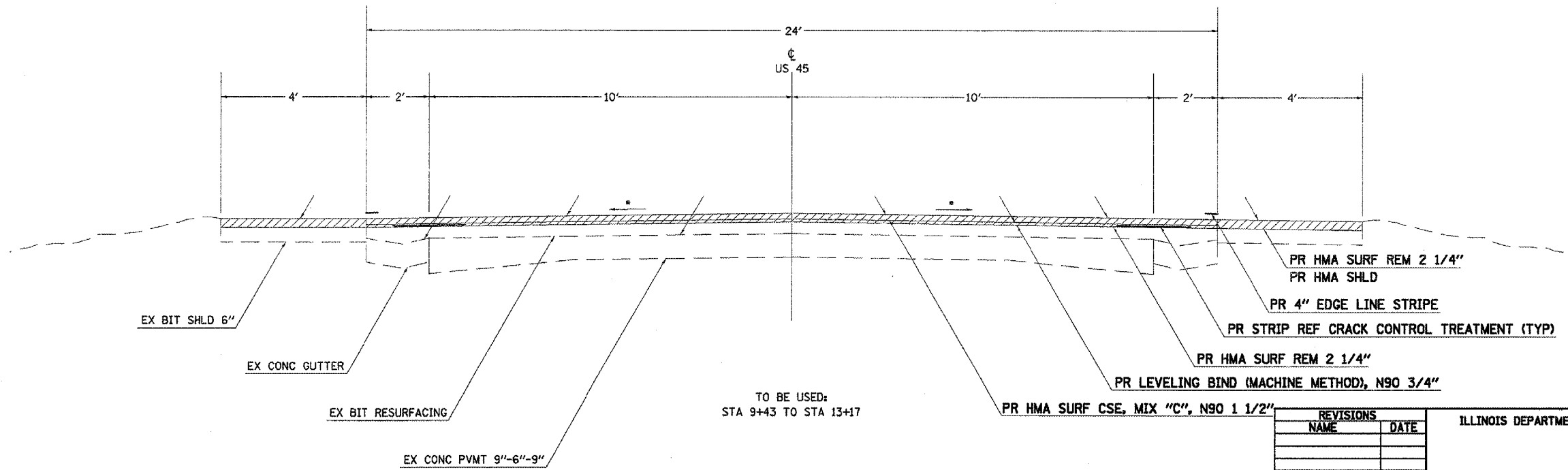
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328	*	WAYNE & WHITE	15	7
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\* (104,105)RS-4,(108)RS-3



TO BE USED:  
STA 15+36 TO STA 7+87

\*MATCH EXISTING SLOPE



TO BE USED:  
STA 9+43 TO STA 13+17

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

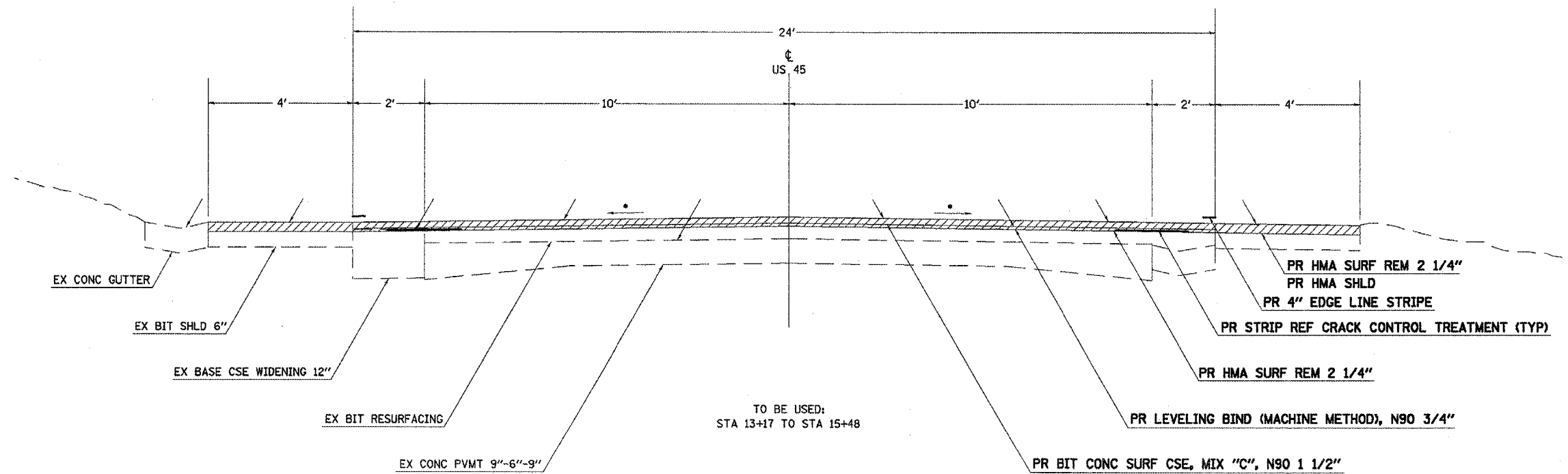
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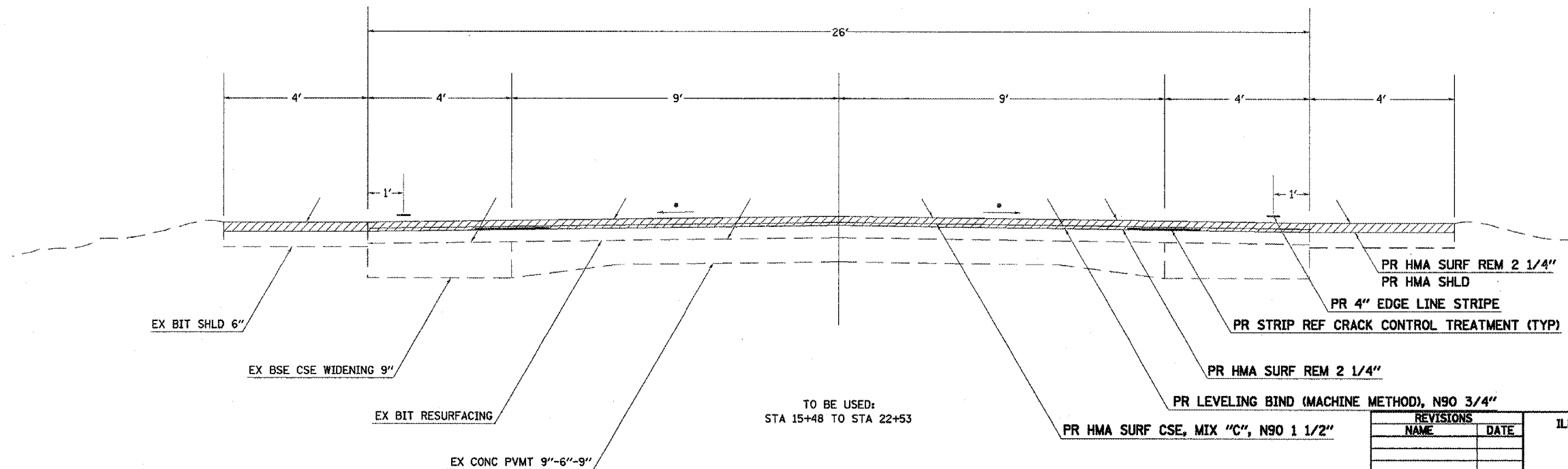
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	8
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* (104,105)RS-4,(108)RS-3



\*MATCH EXISTING SLOPE\*



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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 DATE:            HORIZ.

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**TYPICAL SECTION - US 45**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	MAYNE & WHITE	15	9
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* (104,105)RS-4,(108)RS-3

### ENTRANCE SCHEDULE

LT/RT	PE, CE, OR FE	SURFACE TYPE	QUANTITY	AVERAGE WIDTH @ EOP	DIST. TO END OF APRON	AVERAGE WIDTH @ END OF APRON	INCIDENTAL HMA SURFACING (TON)	AGGREGATE WEDGE (TON)	
				(FT)	(FT)	(FT)			
LT	PE	CONC	2	40	4	35	1.2		
LT	PE	BIT	2	40	4	35	1.2		
LT	PE	O/C	3	40	4	35	1.7		
LT	PE	AGG	11	40	4	35	7.7	3.0	
LT	CE	O/C	2	55	4	45	1.6		
LT	CE	AGG	5	55	4	45	4.7	1.8	
LT	FE	AGG	6	15	4	15		1.4	
LT	FE	EARTH	16	15	4	15		3.8	
RT	PE	BIT	2	40	4	35	1.2		
RT	PE	AGG	9	40	4	35	6.3	2.5	
RT	CE	CONC	1	55	4	45	0.8		
RT	CE	BIT	2	55	4	45	1.6		
RT	CE	O/C	2	55	4	45	1.6		
RT	CE	AGG	8	55	4	45	7.5	2.8	
RT	FE	BIT	1	15	4	15		0.2	
RT	FE	AGG	8	15	4	15		1.9	
RT	FE	EARTH	9	15	4	15		2.1	
<b>TOTALS</b>							<b>37.1</b>	<b>19.5</b>	

### SIDEROAD SCHEDULE

LT/RT	SIDE ROAD NAME	SURFACE TYPE *	WIDTH @ EOP	DIST. TO END OF APRON	WIDTH @ END OF APRON	SURFACE AREA	HOT-MIX ASPHALT SURFACE REM BUTT JOINT	BITUMINOUS MATERIAL PRIME COAT	AGGREGATE PRIME COAT	INCIDENTAL HMA SURFACING	
			FOOT	FOOT	FOOT	SQ YD	SQ YD	TON	TON	TON	
LT	25	O/C	63	15	26.5	74.6	---	6.7	0.1	3.38	
RT	2600N	AGG	48	15	25	60.8	---	5.5	0.1	1.28	
LT	MCDOWELL	O/C	48	15	18	55.0	---	5.0	0.1	2.48	
LT	SOUTH STREET	O/C	51.5	15	21	60.4	---	5.4	0.1	2.73	
RT	2325 N	AGG	95.5	15	37	110.4	---	9.9	0.2	2.32	
RT	2200 N	O/C	87	15	41	106.7	---	9.6	0.2	4.86	
LT	2200 N	AGG	78	15	29	89.2	---	8.0	0.1	1.87	
RT	SPRINGERTON	BIT	85	15	40	104.2	104.2	9.4	0.2	6.56	
LT	2075N	AGG	50.5	15	25	62.9	---	5.7	0.1	1.32	
LT	?200E?	AGG	63	15	17.5	67.1	---	6.0	0.1	1.41	
LT	1950N	O/C	64.5	15	34	82.1	---	7.4	0.1	3.76	
LT	1900N	AGG	53	15	23	63.3	---	5.7	0.1	1.33	
RT	1825N	O/C	68.5	15	34.5	85.8	---	7.7	0.1	3.93	
RT	1775N	O/C	58	15	26	70.0	---	6.3	0.1	3.18	
LT	1675N	AGG	39	15	21	50.0	---	4.5	0.1	1.05	
RT	1675N	AGG	51.5	15	23	62.1	---	5.6	0.1	1.30	
LT	WILSON ST	O/C	78.5	15	19	81.3	---	7.3	0.1	3.59	
LT	1450N	O/C	43.5	15	16.5	50.0	---	4.5	0.1	2.25	
RT	1450N	AGG	60	15	29	74.2	---	6.7	0.1	1.56	
<b>TOTALS</b>							<b>104.2</b>	<b>126.9</b>	<b>2.1</b>	<b>50.2</b>	

\*AN EXTRA QUANTITY OF 585 TONS OF AGGREGATE BASE COURSE, TYPE B HAS BEEN ADDED TO THE PLANS TO BE USED ONLY FOR OIL & CHIP OR AGGREGATE SIDEROADS WITH INADEQUATE SUB-BASES.

### PAVEMENT MARKING SCHEDULE

LOCATION FROM	TO	MARKING DESCRIPTION	TOTAL LENGTH	YELLOW		WHITE		
				4" FOOT	4" FOOT	6" FOOT	12" FOOT	24" FOOT
0	0.35	PASSING	1848	470	3696			
0.35	0.55	NO PASSING RIGHT	1056	1326	2112			
0.55	0.65	NO PASSING LEFT	528	668	1056			
0.65	4.45	PASSING	20064	5020	40128			
4.45	4.68	NO PASSING RIGHT	1214	1524	2429			
4.68	4.88	NO PASSING	1056	2112	2112			
4.88	5.05	NO PASSING LEFT	898	1128	1795			
5.05	5.95	PASSING	4752	1190	9504			
5.95	6.15	NO PASSING RIGHT	1056	1326	2112			
6.15	6.24	NO PASSING	475	950	950			
6.24	6.45	NO PASSING LEFT	1109	1389	2218			
6.45	6.92	PASSING	2482	630	4963			
6.92	7.1	NO PASSING RIGHT	950	1190	1901			
7.1	7.24	NO PASSING	739	1478	1478			
7.24	7.4	NO PASSING LEFT	845	1065	1690			
7.4	7.92	PASSING	2746	690	5491			
7.92	8.1	NO PASSING RIGHT	950	1190	1901			
8.1	8.3	NO PASSING LEFT	1056	1326	2112			
8.3	10.2	PASSING	10032	2510	20064			
10.2	10.3	NO PASSING RIGHT	528	668	1056			
10.3	10.38	PASSING	422	110	845			
10.38	10.48	NO PASSING LEFT	528	668	1056			
10.48	12.7	PASSING	11722	2940	23443			
ENFIELD INTERSECTION / IL 14								37
ENFIELD INTERSECTION & SCHOOL						190	157	37
			31569	134112	190	157	37	
<b>TOTALS</b>			<b>165681</b>	<b>190</b>	<b>157</b>	<b>37</b>		

NOTE: STATIONING IS FOR CALCULATION PURPOSES ONLY. SEE GENERAL NOTES FOR TREATMENT OF NO PASSING ZONE PAVEMENT MARKINGS.

### GUARDRAIL SCHEDULE

LOCATION STATION TO STATION	LT/RT	GUARDRAIL REMOVAL FOOT	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) EACH	TERMINAL MARKERS DIRECT APPLIED EACH	REMARKS
STA 613+65 TO STA 613+90	LT	25	1	1	SN 097-0020 REPLACING TURN DOWN END SECTION
STA 615+74 TO STA 615+99	RT	25	1	1	SN 097-0020 REPLACING TURN DOWN END SECTION
<b>TOTALS</b>		<b>50</b>	<b>2</b>	<b>2</b>	

NOTE: ANY SHOULDER WIDENING REQUIRED TO INSTALL THE GUARDRAIL TERMINALS SHALL BE INCLUDED IN COST OF THE TRAFFIC BARRIER TERMINAL TYPE I, SPECIAL (TANGENT).

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 USER NAME = stoverp

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ DATE _____
DRAWN BY _____		CHECKED BY _____

### SCHEDULES OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	10
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* (104,105)RS-4,(108)RS-3

### PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH (FOR INFORMATION ONLY) FEET	HOT-MIX ASPHALT BINDER COURSE TONS	HOT-MIX ASPHALT SURFACE COURSE TONS	PRIME COAT	AGGREGATE TONS	SHOULDERS		HOT-MIX ASPHALT SURFACE REMOVAL 3/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" SQ YD
				BITUMINOUS MATERIALS GAL		AGGREGATE TYPE B TONS	HOT-MIX ASPHALT TONS			
STA 448+99 TO STA 470+06	2107.00	255.65	511.30	1096	18.3	81.4	22.4		6264.7	
STA 470+06 TO STA 509+00	3893.40	472.40	944.80	2025	33.7	122.9				11247.6
STA 509+00 TO STA 559+04.13	4998.03	606.43	1212.86	2599	43.3	213.5			14438.8	
STA 568+70.71 TO STA 598+32	2961.29	359.30	718.61	1540	25.7	126.5			8554.8	
STA 599+20 TO STA 614+69	1549.00	187.95	375.89	805	13.4	66.2			4474.9	
STA 614+69 TO STA 614+97	28.00		6.79	15	0.2			80.9		
STA 614+97 TO STA 654+28.8	3931.80	477.06	954.12	2045	34.1	167.9			11358.5	
STA 655+27.2 TO STA 688+74	3328.80	403.89	807.79	1731	28.8	142.2			9616.5	
STA 688+74 TO STA 696+27	753.00	91.36	182.73	392	6.5	14.3				2175.3
STA 696+27 TO STA 704+47	803.90	97.54	195.08	418	7.0	34.3			2322.4	
STA 704+47 TO STA 709+76.5	703.00	85.30	170.59	366	6.1				2655.8	
STA 709+76.5 TO STA 718+38.5	862.00	104.59	209.18	448	7.5	18.4			2873.3	
STA 718+38.5 TO STA 808+02	8890.70	1078.74	2157.48	4623	77.1	379.7			25684.2	
STA 808+88 TO STA 872+93.3	6739.70	817.75	1635.50	3505	58.4	287.8			19470.2	
STA 872+93.3 TO STA 880+17	723.00	87.72	175.45	376	6.3				2731.4	
STA 880+17 TO STA 882+90	273.00	33.12	66.25	142	2.4	5.8			910.0	
STA 882+90 TO STA 931+87	4897.00	594.17	1188.34	2546	42.4	209.1			14146.9	
STA 931+87 TO STA 932+19	32.00		7.77	17	0.3			92.4		
STA 932+19 TO STA 954+28	2209.00	268.03	536.05	1149	19.1	94.3			6381.6	
STA 954+28 TO STA 954+76	48.00		11.65	25	0.4			138.7		
STA 954+76 TO STA 18+41	8044.50	976.07	1952.13	4183	69.7	343.6			23239.7	
STA 18+41 TO STA 7+87	2628.30	318.90	637.80	1367	22.8	7.6				7592.9
STA 9+43 TO STA 22+53	1289.20	156.42	312.85	670	11.2				144.4	4870.6
STA 22+53 TO STA 61+28	3875.00	470.17	940.33	2015	33.6	165.5			11194.4	
STA 61+28 TO STA 61+90	62.00	14.00	27.00	58	1.0	2.4				320.0
<b>TOTALS</b>		<b>7957</b>	<b>15939</b>	<b>34154</b>	<b>569</b>	<b>2484</b>	<b>390</b>	<b>312</b>	<b>166319</b>	<b>26207</b>

### PATCHING SCHEDULE

STATION TO STATION	MP TO MP	PATCH DEPTH	TY 1 (SQ YD)	TY 2 (SQ YD)	TY 3 (SQ YD)	TY 4 (SQ YD)
STA 448+99 TO STA 470+06	MP 0.0 TO MP 0.4	19"	28	45	20	27
STA 470+06 TO STA 688+74	MP 0.4 TO MP 4.5	13"	51	575		27
STA 688+74 TO STA 696+27	MP 4.5 TO MP 4.7	19"		6		
STA 696+27 TO STA 61+0	MP 4.7 TO MP 12.7	17"	47	1554	60	174
<b>TOTALS</b>			<b>126</b>	<b>2180</b>	<b>80</b>	<b>228</b>

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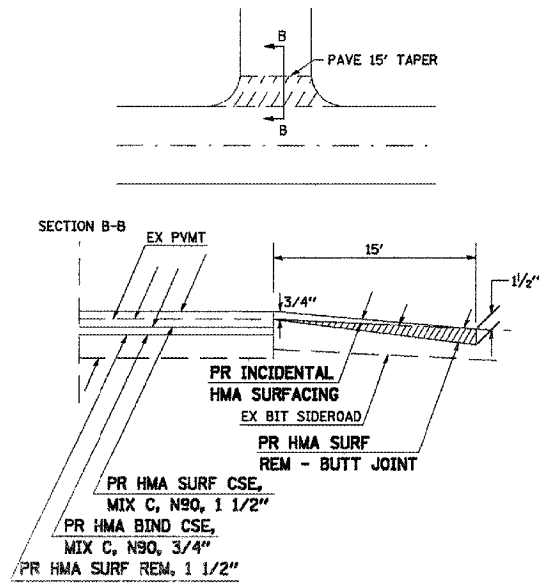
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE DRAWN BY CHECKED BY

### SCHEDULES OF QUANTITIES

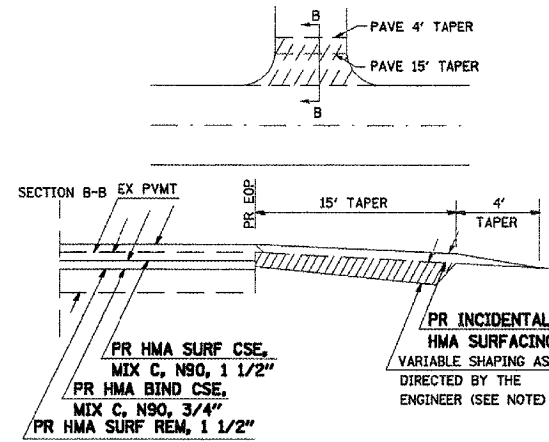
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328		WAYNE & WHITE	15	11
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* 1104,105/RS-4,108/RS-3

DETAIL OF BITUMINOUS SIDE ROADS WITH BUTT JOINT

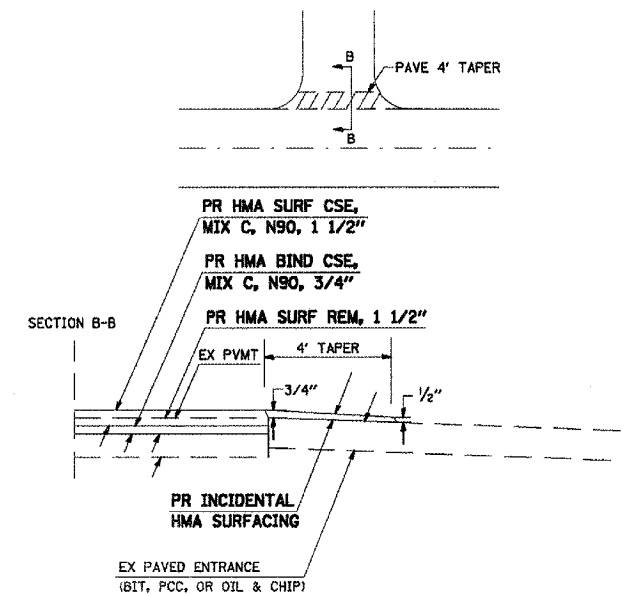


DETAIL OF OIL & CHIP SIDE ROAD

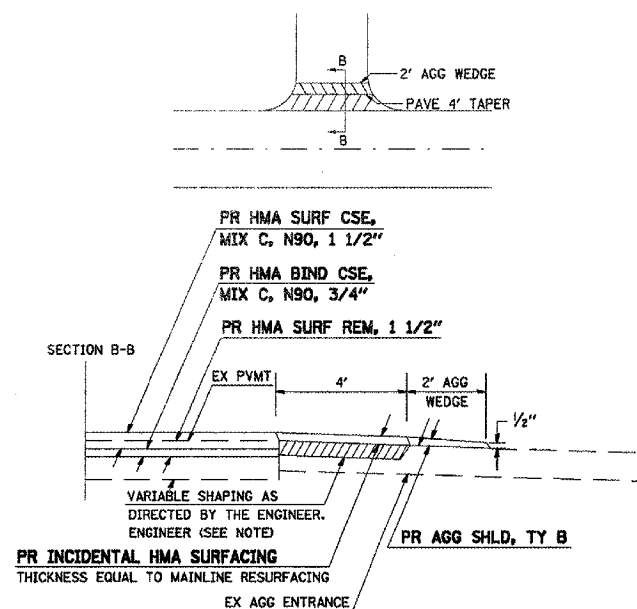


NOTES:  
 VARIABLE SHAPING IS INCLUDED IN THE COST OF HOT-MIX ASPHALT. PREPARATION OF EXISTING SURFACE AND ANY EXCAVATION FOR ENTRANCES SHALL BE IN ACCORDANCE WITH ARTICLE 406.09 OF THE STANDARD SPECIFICATIONS. IF EXISTING SUB-BASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDEROADS SHALL BE CORED OUT AND AGGREGATE SUB-BASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE. IF EXISTING SUB-BASE IS DETERMINED TO BE ADEQUATE, THE AGGREGATE BASE COURSE SHALL BE DELETED AND THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.

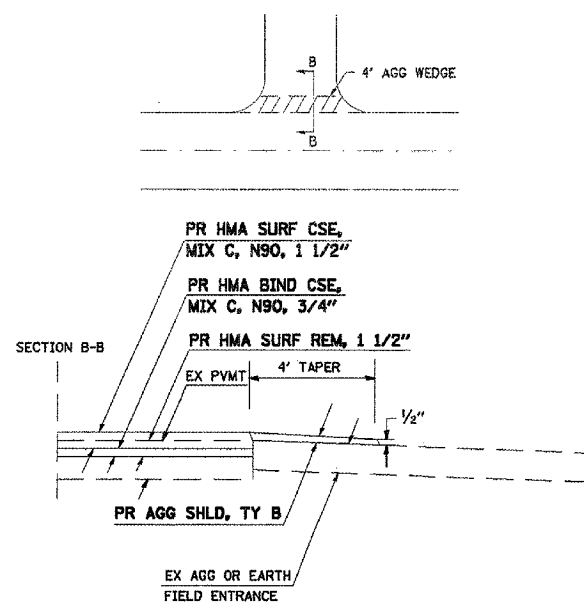
DETAIL OF BITUMINOUS, PCC, OR OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE



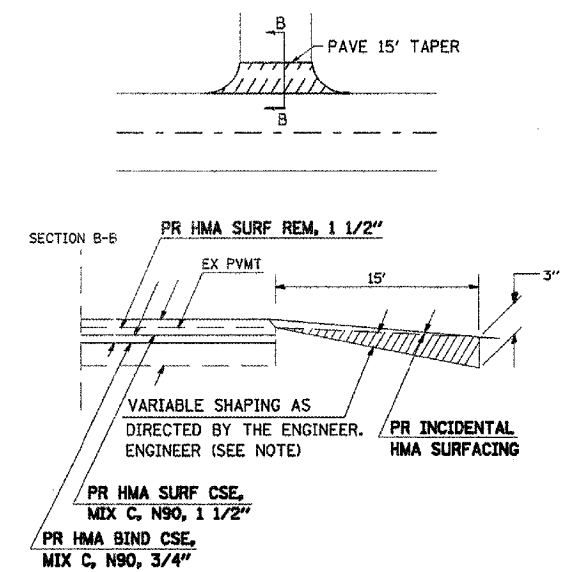
DETAIL OF AGGREGATE PRIVATE OR COMMERCIAL ENTRANCE



DETAIL OF AGGREGATE OR EARTH FIELD ENTRANCE



DETAIL OF AGGREGATE SIDEROAD



REVISIONS	
NAME	DATE

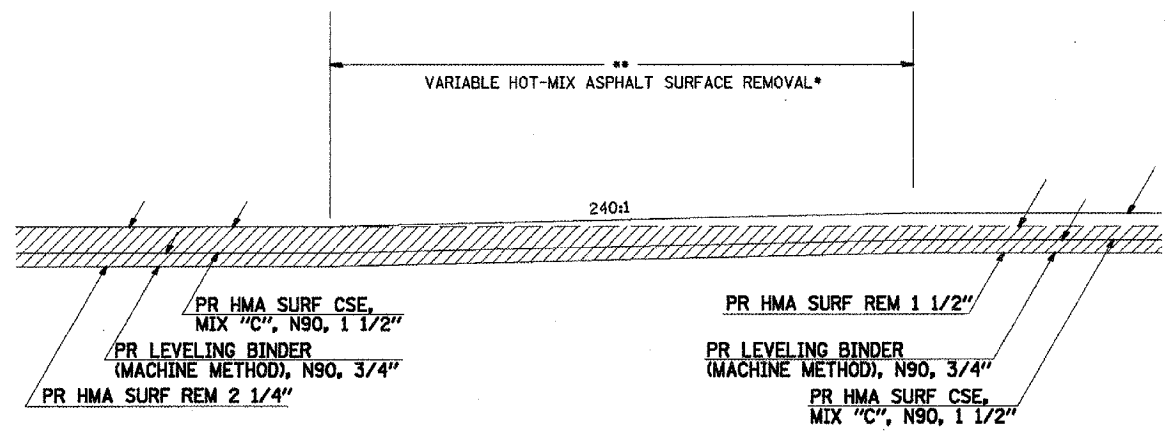
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 DATE \_\_\_\_\_ HORIZ. \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

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 USER NAME = mwa

**DETAILS: SIDEROADS AND ENTRANCES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	12
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (104.105)RS-4, (108)RS-3				

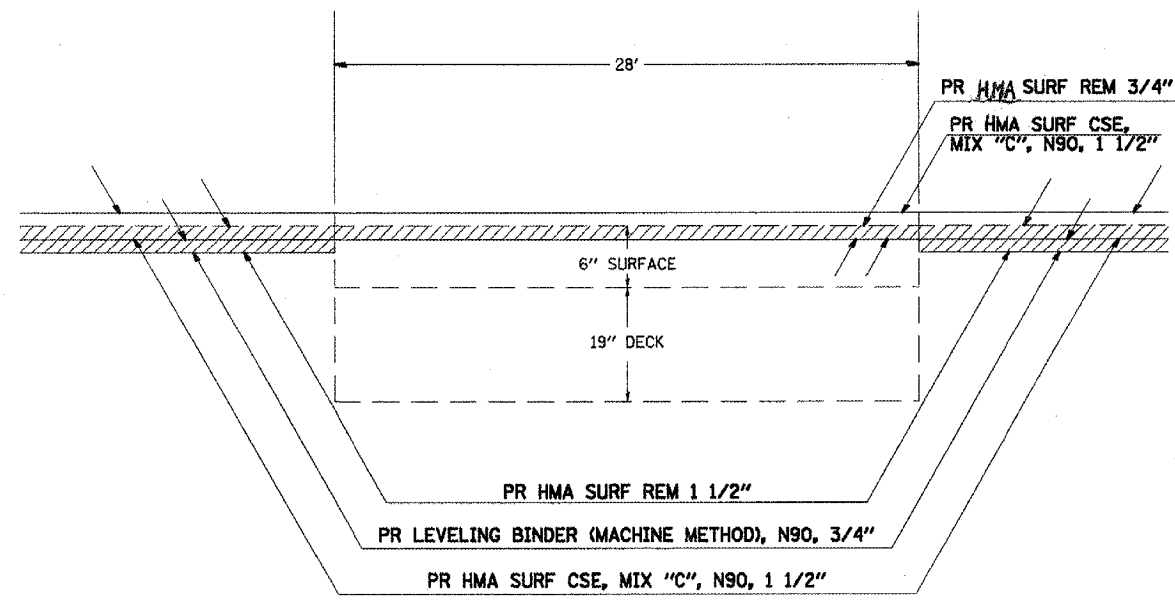
MILLING TAPER DETAIL  
TRANSITION INTO AND OUT OF INLAY SECTIONS



\* VARIABLE DEPTH HOT-MIX ASPHALT SURFACE REMOVAL WILL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"  
\*\*TAPER LENGTH AS DIRECTED BY THE ENGINEER TO MAINTAIN 240:1 TAPER RATIO.

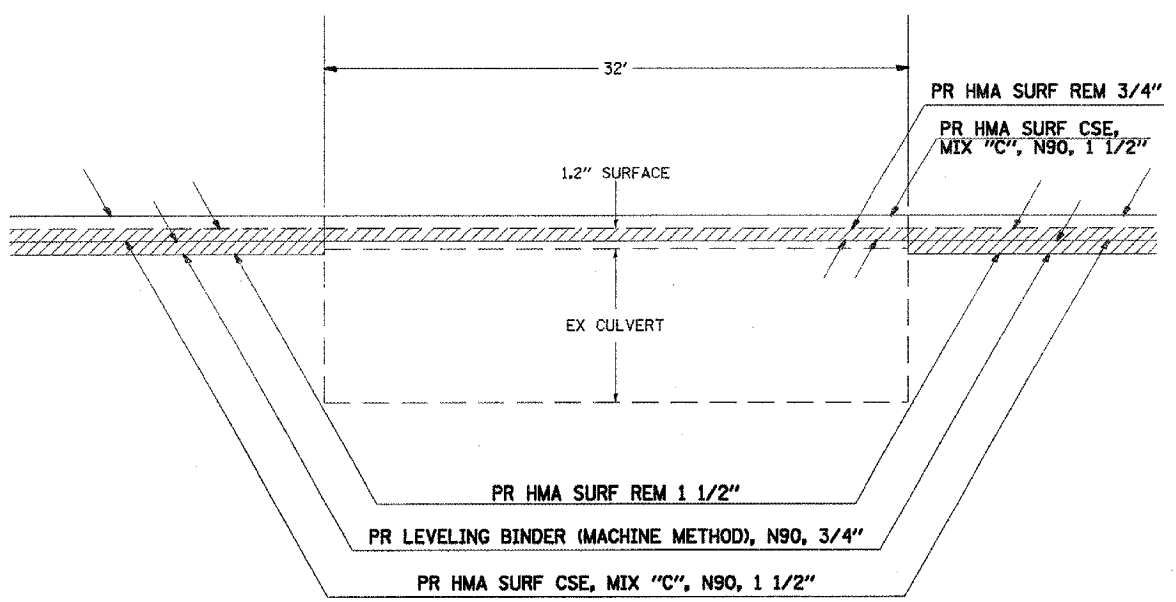
TO BE USED:  
STA 470+06 BEGINNING OF INLAY AT MILL SHOALS  
STA 509+00 END OF INLAY AT MILL SHOALS  
STA 688+74 BEGINNING OF INLAY  
STA 696+27 END OF INLAY  
STA 18+41 BEGINNING OF INLAY AT ENFIELD  
STA 22+53 END OF INLAY AT ENFIELD  
STA 61+28 BEGINNING OF INLAY AT IL 14

STRUCTURE DETAIL  
SN 097-0020



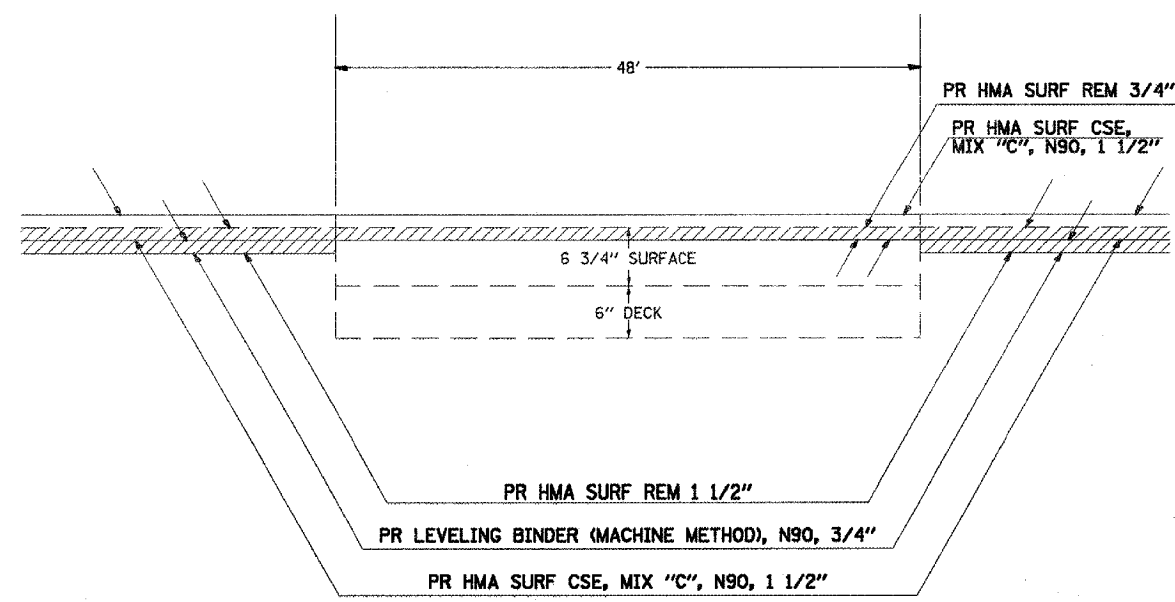
TO BE USED:  
STA 614+69 TO STA 614+97

STRUCTURE DETAIL  
SN 097-0063



TO BE USED:  
STA 931+87 TO STA 932+19

STRUCTURE DETAIL  
SN 097-0023



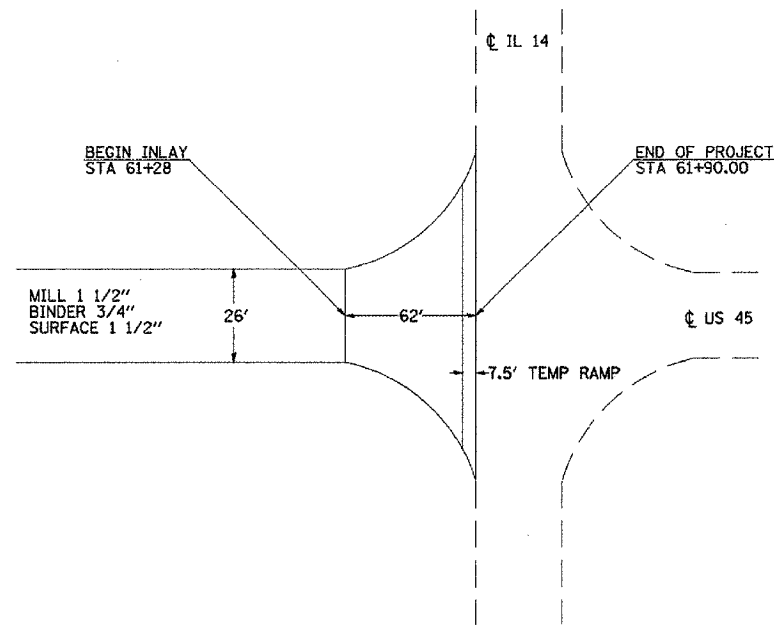
TO BE USED:  
STA 954+28 TO STA 954+76

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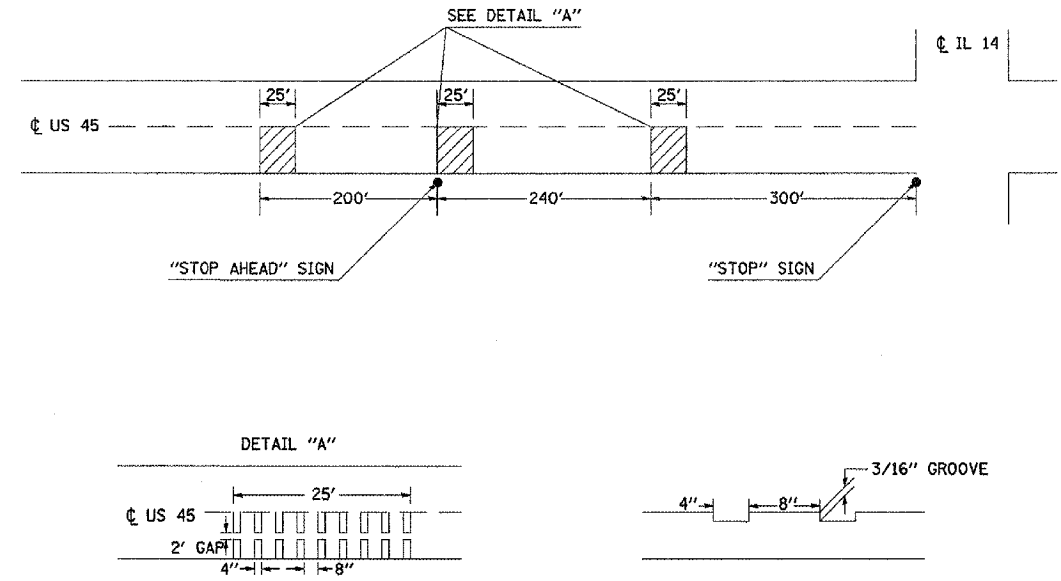


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	14
STA. 448+99		TO STA. 61+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (104,105)RS-4,(108)RS-3				

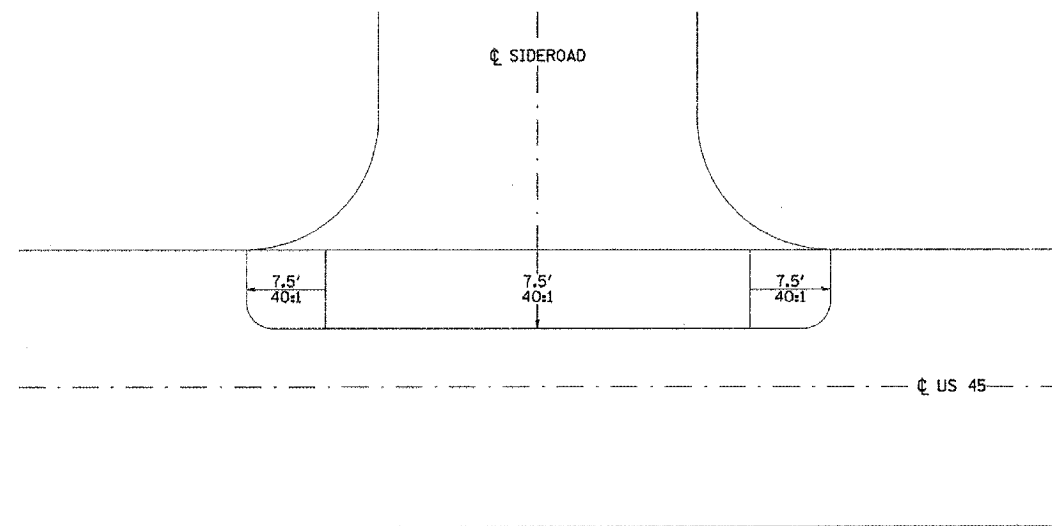
US 45 & IL 14 INTERSECTION



RUMBLE STRIP DETAIL



SIDEROAD TEMPORARY RAMP DETAIL APPLIES TO 2 1/4" INLAY SECTIONS ONLY

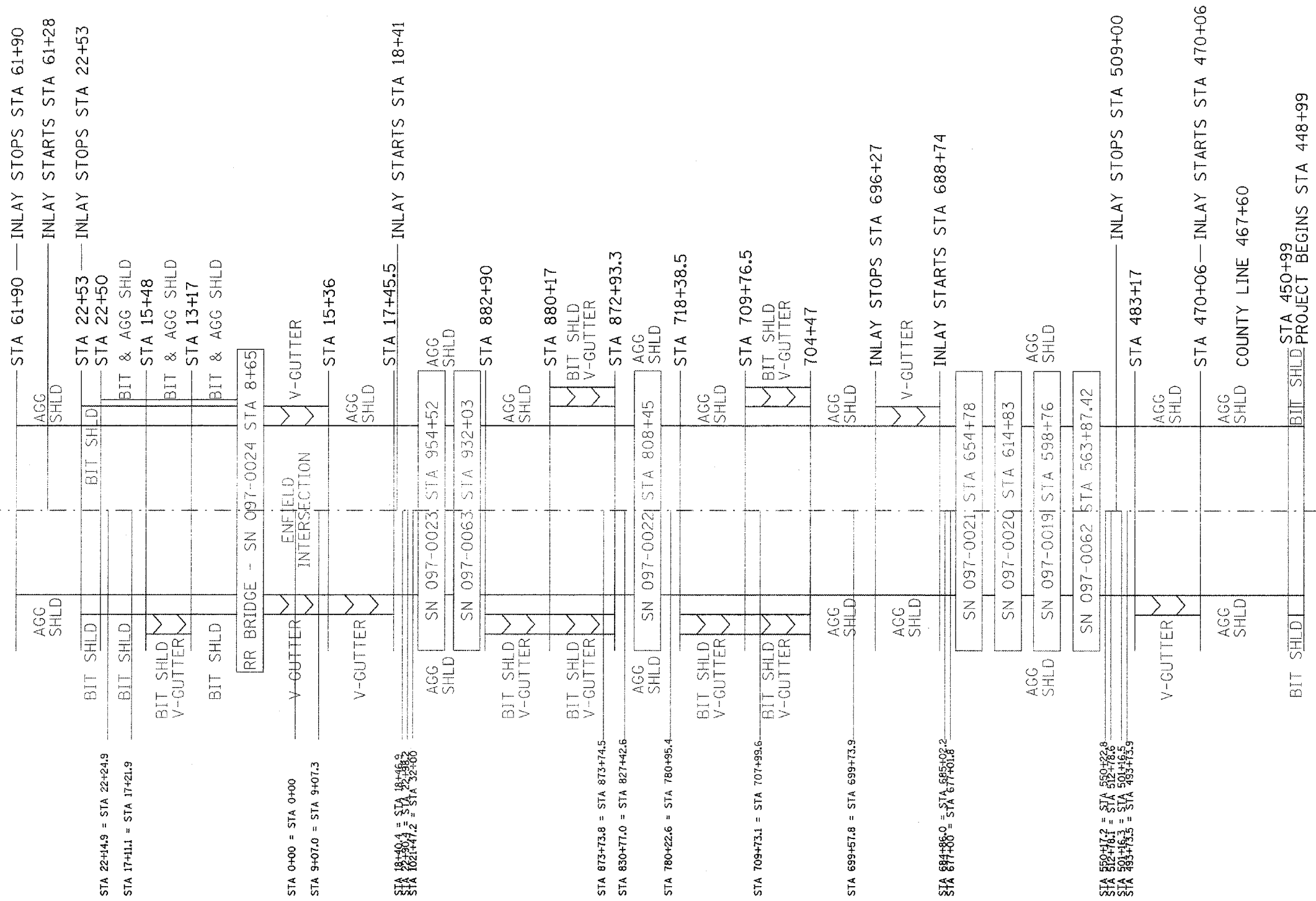


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
		DRAWN BY
		CHECKED BY

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PLOT DATE = 10/10/2006  
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 USER = jw

CL US 45



CONTRACT NO. 98961				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	WAYNE & WHITE	15	15
STA. 448+99 TO STA. 61+90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (104,105)RS-4,(108)RS-3				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

**DETAIL: DIAGRAM OF ENTIRE PROJECT**