

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	1
		ILLINOIS	CONTRACT NO. 72N02	

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

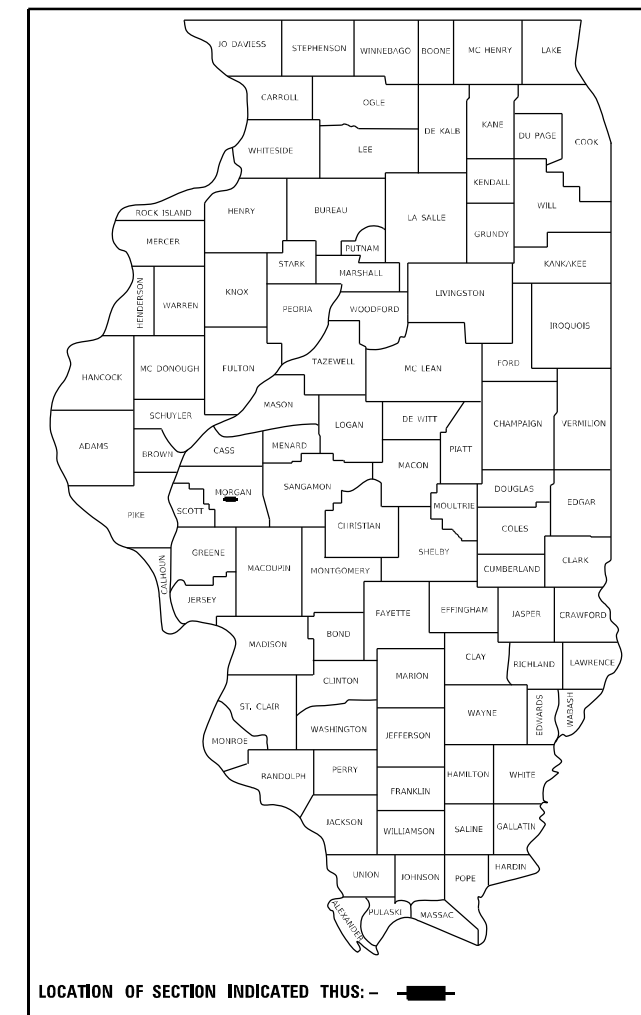
INDEX OF SHEETS

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- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5-10 TYPICAL SECTIONS
- 11-14 SCHEDULES OF QUANTITIES
- 15 SITE PLAN
- 16-25 PLAN SHEETS
- 26-28 PAVEMENT STRIPING DETAILS
- 29-32 DETAILS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 753 (I-72 BUS/OLD US 36)
SECTION 25RS-10
PROJECT NHPP-G7EE(718)
STANDARD HMA OVERLAY
MORGAN COUNTY

D-96-055-21

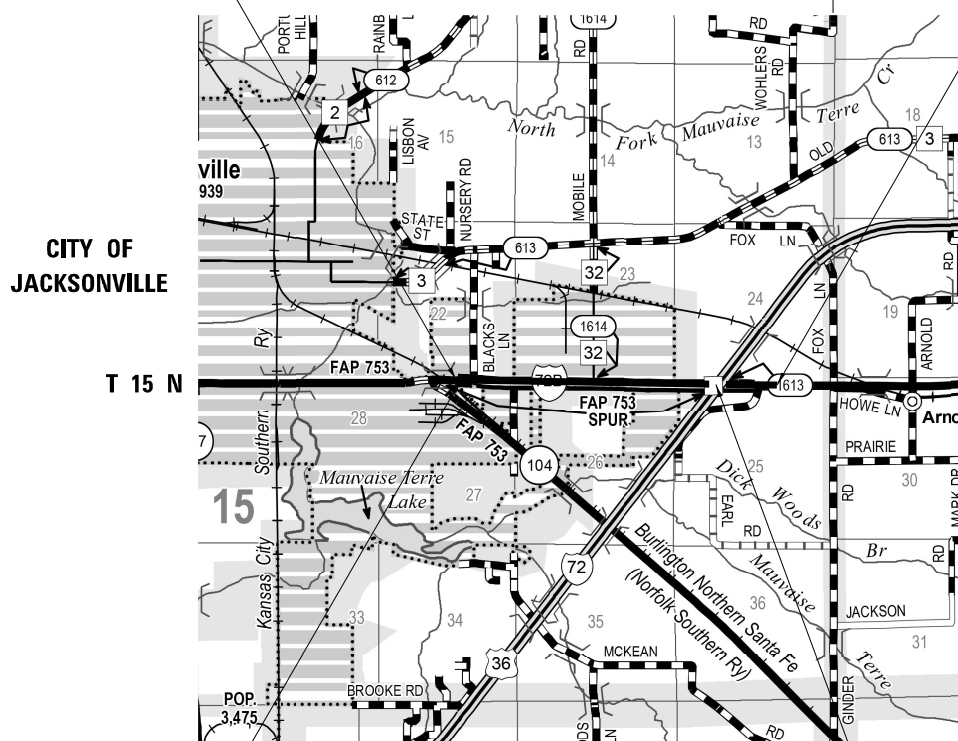


LOCATION OF SECTION INDICATED THIS: - [Black Box] -

BEGIN IMPROVEMENT
61+89.72

C-96-128-21

END IMPROVEMENT
518+22.74

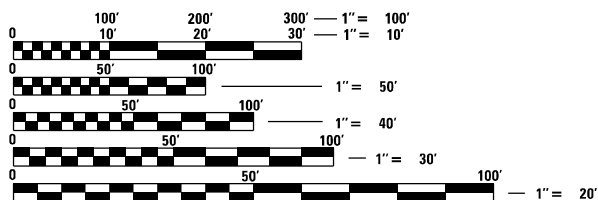


LOCATION MAP
NOT TO SCALE



DATE: FEBRUARY 7 20 22
EXPIRES: NOVEMBER 30 20 22

FUNCTIONAL CLASSIFICATION
PRINCIPAL ARTERIAL
2019 ADT 7700
P.V. = 87.0% S.U. = 3.2% M.U. = 9.8%



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 EXCAVATORS
1-800-892-0123
OR 811

STATION EQUATION
STA. 62+65.94 BK =
STA. 412+92.75 AH

BRIDGE OMISSION
S.N. 069-0044
E.B. STA. 498+19.84 TO STA. 501+44.20
W.B. STA. 498+55.47 TO STA. 501+79.83

GROSS LENGTH = 10,600.82 FT. = 2.008 MILE
NET LENGTH = 10,275.14 FT. = 1.946 MILE

PROJECT ENGINEER BRIAN LANINGHAM (217) 782-6990
PROJECT MANAGER RENE CABRERA (217) 558-5140

CONTRACT NO. 72N02



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OF THE STATE OF ILLINOIS

GENERAL NOTES

- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ. FT. (ON PAVEMENT: MILLED HMA)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB/SQ. FT. (ON PAVEMENT: HMA LIFTS)
BITUMINOUS CONCRETE SURFACE/BINDER	0.056 TON/CU. YD. PER 1"
AGGREGATE MATERIAL	1.60 TON/CU. YD.
- THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF ENGINEER DEEMS NECESSARY.
- NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF THE FINAL PERMANENT PAVEMENT MARKING. (PH 217-782-7314)
- ALL PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL GUARDRAIL SHALL HAVE A PRELIMINARY LAYOUT. GUARDRAIL POSTS SHALL BE ADJUSTED SO AS TO MISS ANY SHOULDER DRAINS, INLETS, PIPE CULVERTS, STORM SEWER OR ANY OTHER HAZARD THAT MAY INTERFERE WITH GUARDRAIL CONSTRUCTION

LIST OF STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≤ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
725001-01	OBJECT AND TERMINAL MARKERS

COMMITMENTS

THERE ARE NO COMMITMENTS

LOCATION(S):	
MIXTURE USE(S):	SURFACE COURSE
PG:	SBS PG 70-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIX "D"
MIXTURE WEIGHT:	112 LB/SY*IN
QUALITY MANAGEMENT:	QCP
SUBLOT SIZE:	1000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	YES

LOCATION(S):	
MIXTURE USE(S):	BINDER COURSE
PG:	SBS PG 70-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5FG
FRICTION AGGREGATE:	N/A
MIXTURE WEIGHT:	112 LB/SY*IN
QUALITY MANAGEMENT:	QCP
SUBLOT SIZE:	1000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	NO

LOCATION(S):	
MIXTURE USE(S):	SHOULDERS-TOP LIFT & INCIDENTAL
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIX "C"
MIXTURE WEIGHT:	112 LB/SY*IN
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE REQUIRED:	NO

LOCATION(S):	
MIXTURE USE(S):	SHOULDERS-BOTTOM LIFT & INCIDENTAL
PG:	LIFT PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5FG
FRICTION AGGREGATE:	N/A
MIXTURE WEIGHT:	112 LB/SY*IN
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE REQUIRED:	NO

NOTE:
NUCLEAR GAUGES WILL BE USED FOR DENSITY VERIFICATION BY THE ENGINEER ON THE HMA SHOULDERS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

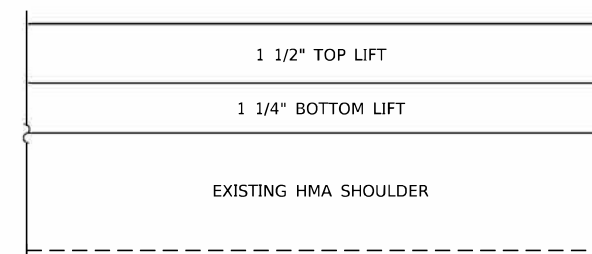
EXAMINED January 28 2022
[Signature]
ENGINEER OF OPERATIONS

EXAMINED February 9 2022
[Signature]
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED January 28 2022
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ENGINEER OF PROGRAM DEVELOPMENT



**INCIDENTAL PAVING ON
SIDEROADS AND ENTRANCES**



HMA SHOULDERS RESURFACING LIFT DIAGRAM

REV. - MS

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<p>KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-479-0044 Professional Design Firm No. 184-006516</p>	USER NAME = myoung	DESIGNED - JS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE. = 753	SECTION = (25)RS-10	COUNTY = MORGAN	TOTAL SHEETS = 32	SHEET NO. = 2
	PLOT SCALE = 2.0000' / in.	CHECKED - JS	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/1/2022	DATE = 2/1/2022	REVISED -			CONTRACT NO. 72N02				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01233-0000	6-01233-0000
				80% FED/ 20% ST	80% FED/ 20% ST
				ROADWAY	BRIDGE
				0005	0013
				URBAN	URBAN
				069-0044	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	59,787	59,787	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	25,283	25,283	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,482	2,482	
40600990	TEMPORARY RAMP	SQ YD	515	515	
40603215	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, N50	TON	4,640	4,640	
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	5,568	5,568	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,676	1,676	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	382	382	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	88,623	88,623	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	429	429	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3,440	3,440	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	0.5	0.5	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	90	90	
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	238	238	

* SEE SPECIAL PROVISIONS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01233-0000	6-01233-0000
				80% FED/ 20% ST	80% FED/ 20% ST
				ROADWAY	BRIDGE
				0005	0013
				URBAN	URBAN
				069-0044	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	523	523	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	
67100100	MOBILIZATION	L SUM	1	1	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	280	280	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,110	3,110	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	140	140	
70300231	TEMPORARY PAVEMENT MARKING - LINE 5" - PAINT	FOOT	44,031	44,031	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	143	143	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	211	211	

* SEE SPECIAL PROVISIONS

* SPECIALTY ITEM

REV. - MS

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REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	3
CONTRACT NO. 72N02			ILLINOIS FED. AID PROJECT	

6-01233-0000	6-01233-0000
80% FED/ 20% ST	80% FED/ 20% ST
ROADWAY	BRIDGE
0005	0013
URBAN	URBAN
	069-0044

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01233-0000	
				ROADWAY	BRIDGE
				0005	0013
				URBAN	URBAN
					069-0044
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	551	551	
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	4,970	4,970	
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	3,283	3,283	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	99	99	
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	42,942	42,942	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,322	1,322	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	211	211	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	42,942	42,942	
* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	1,322	1,322	
* 78011060	GROOVING FOR RECESSED PAVEMENT MARKING 12"	FOOT	211	211	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	357	357	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	13	13	
* 78200020	CURB REFLECTORS	EACH	286	286	

* SEE SPECIAL PROVISIONS

* SPECIALTY ITEM

6-01233-0000	6-01233-0000
80% FED/ 20% ST	80% FED/ 20% ST
ROADWAY	BRIDGE
0005	0013
URBAN	URBAN
	069-0044

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01233-0000	
				ROADWAY	BRIDGE
				0005	0013
				URBAN	URBAN
					069-0044
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	357	357	
* Z0005880	BRIDGE HANDRAIL REMOVAL	FOOT	9		9
* Z0034105	MATERIAL TRANSFER DEVICE	TON	5,104	5,104	
Ø Z0076600	TRAINEES	HOUR	1000	1000	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000	

* SEE SPECIAL PROVISIONS

Ø 0042

REV. - MS

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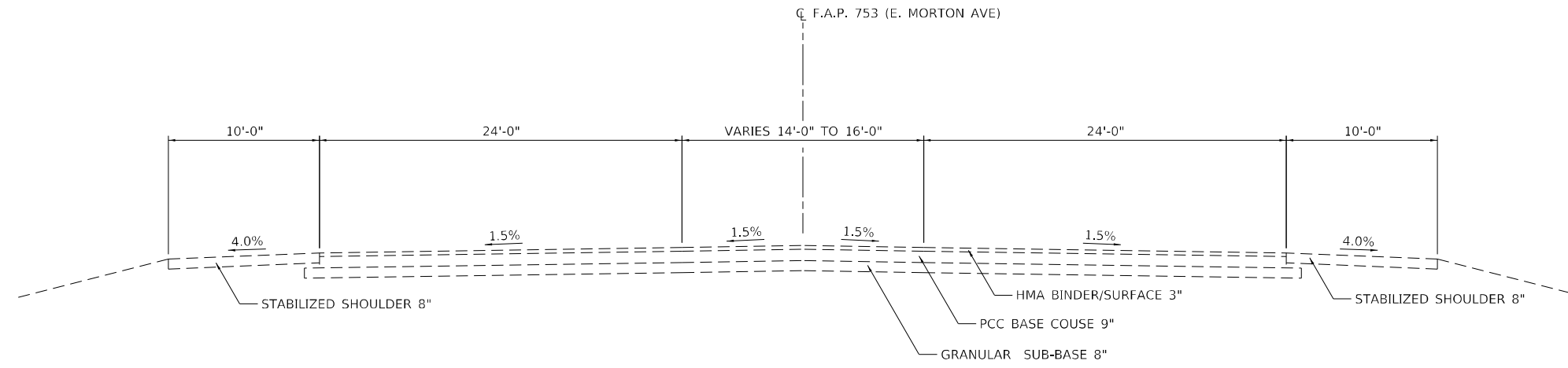
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

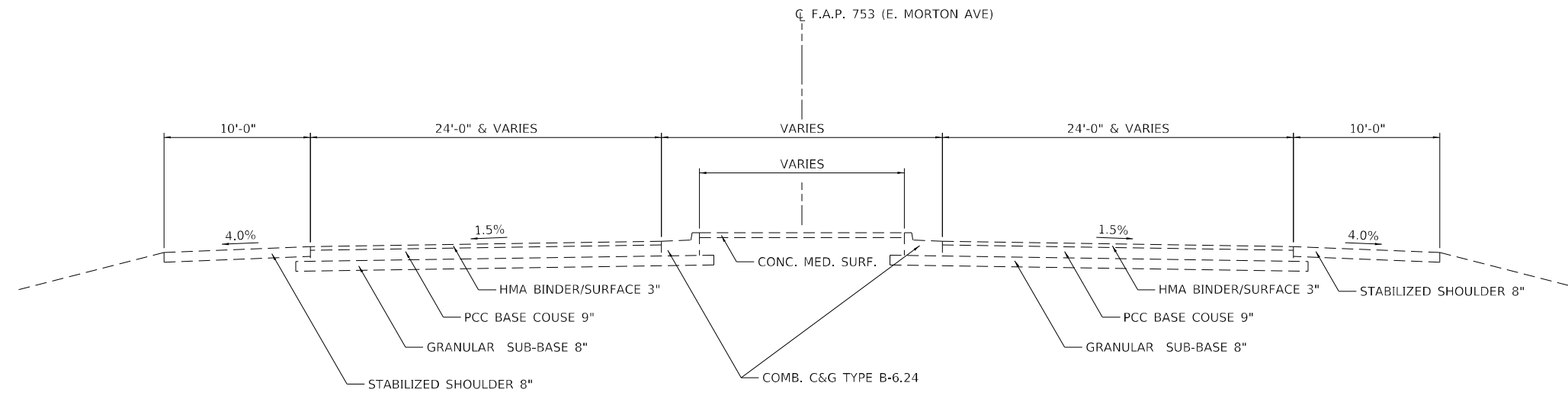
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753	(25)RS-10	MORGAN	32	4
CONTRACT NO. 72N02			ILLINOIS FED. AID PROJECT	



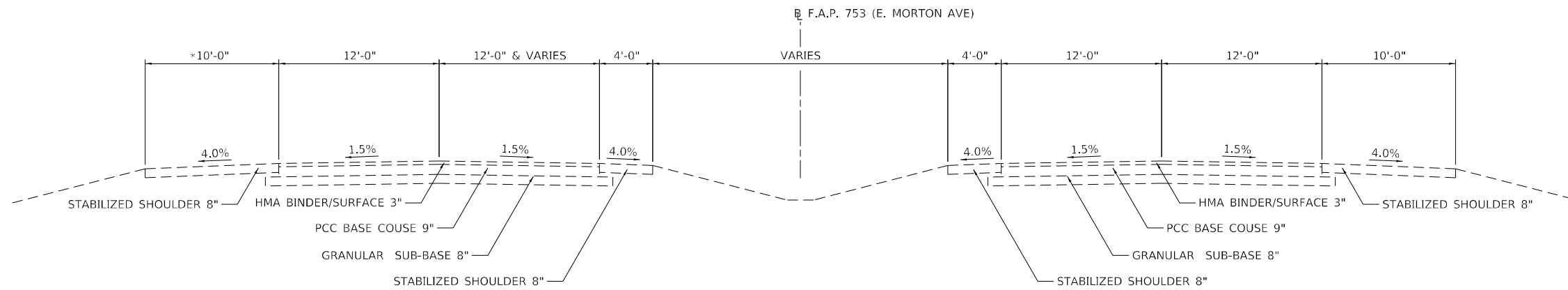
EXISTING TYPICAL SECTION

STATION 61+89.72 TO STATION 62+70.00 BK
 STATION 413+02.20 AH TO STATION 414+56.03
 STATION EQUATION: STATION 62+65.94 BK = STATION 412+92.75 AH



EXISTING TYPICAL SECTION

STATION 414+56.03 TO STATION 422+34.06



EXISTING TYPICAL SECTION

EB STATION 422+34.06 TO 431+85.00
 WB STATION 422+34.06 TO 438+88.00
 *NOTE: SHOULDER TRANSITIONS TO 8' FROM STA. 432+17± TO 432+38±

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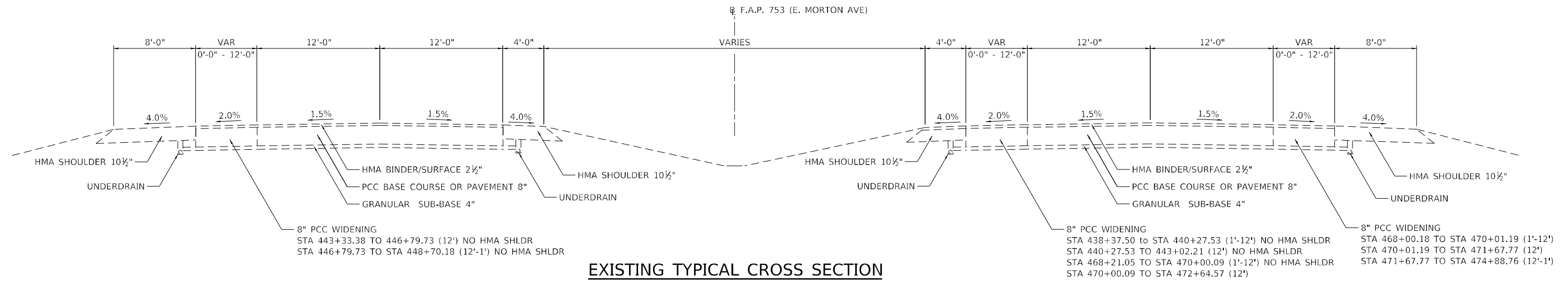
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL
 CROSS SECTIONS**

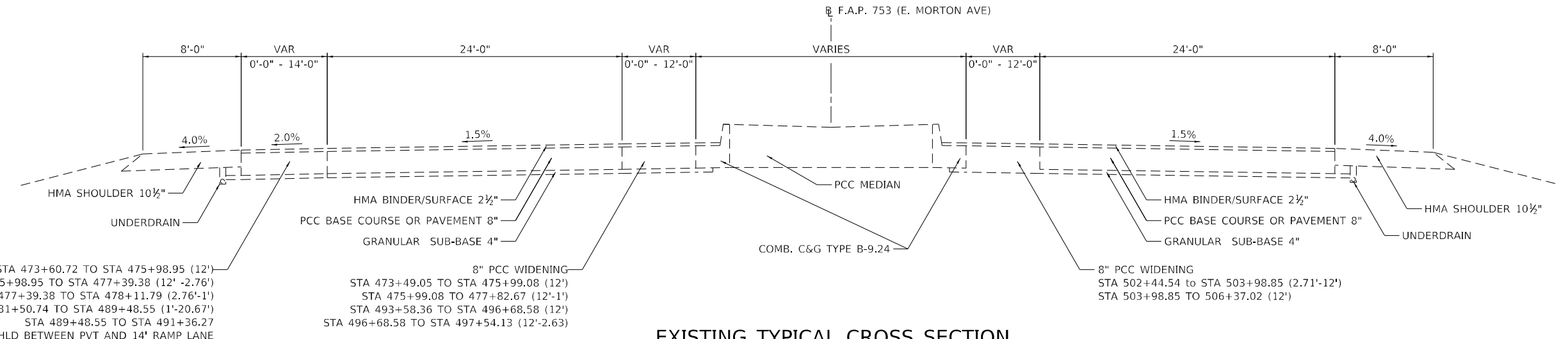
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	5
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION

EB STATION 431+85.00 TO STATION 473+49.05
WB STATION 438+88.00 TO STATION 473+49.05



EXISTING TYPICAL CROSS SECTION

EB STATION 473+49.05 TO STATION 498+19.84
WB STATION 473+49.05 TO STATION 498+55.47
EB OMISSION STATION 498+19.84 TO STATION 501+44.20
WB OMISSION STATION 498+55.47 TO STATION 501+79.83
EB STATION 501+44.20 TO STATION 507+29.03
WB STATION 501+79.83 TO STATION 507+29.03

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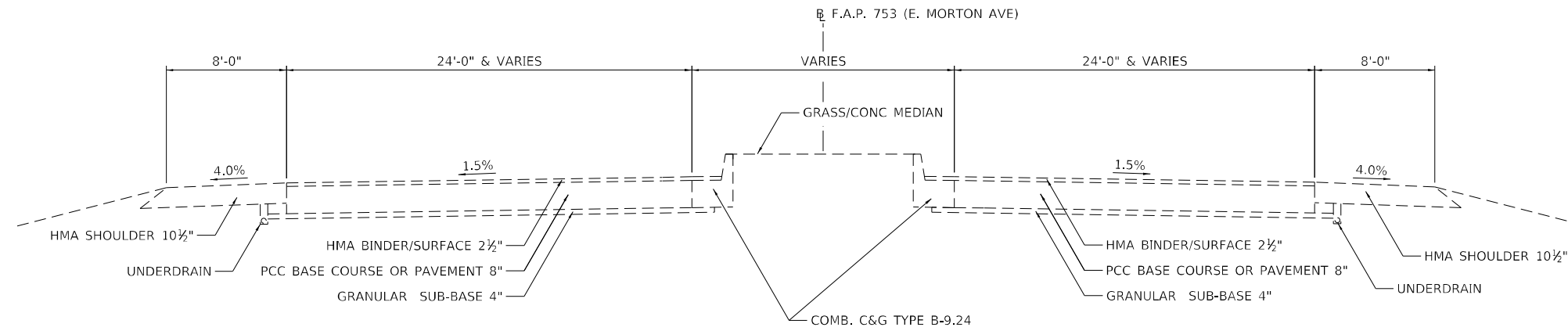


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

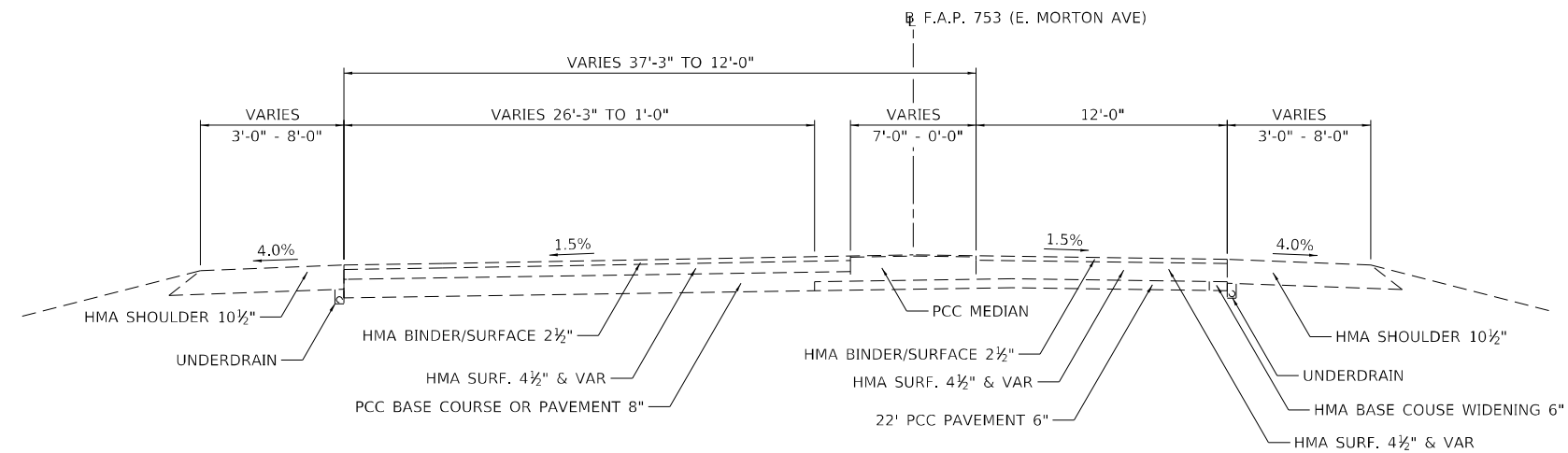
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F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 6
CONTRACT NO. 72N02			ILLINOIS FED. AID PROJECT	



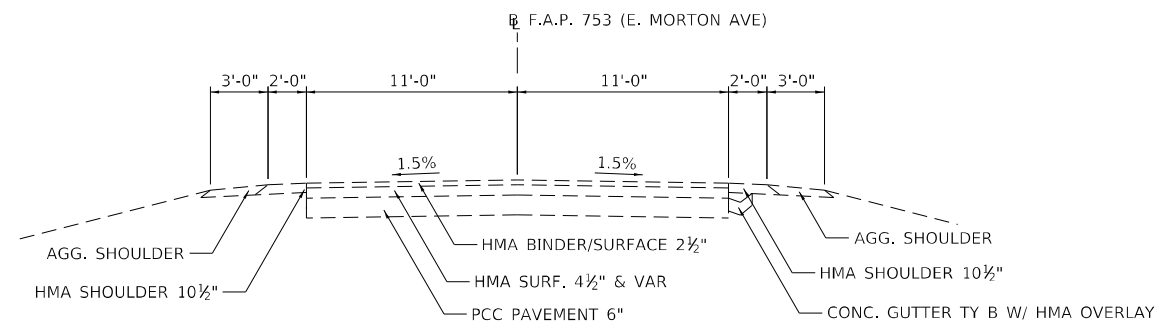
EXISTING TYPICAL CROSS SECTION

STATION 507+29.03 TO STATION 512+30.00



EXISTING TYPICAL CROSS SECTION

STATION 512+30.00 TO STATION 517+77.09



EXISTING TYPICAL CROSS SECTION

STATION 517+77.09 TO STATION 518+22.74

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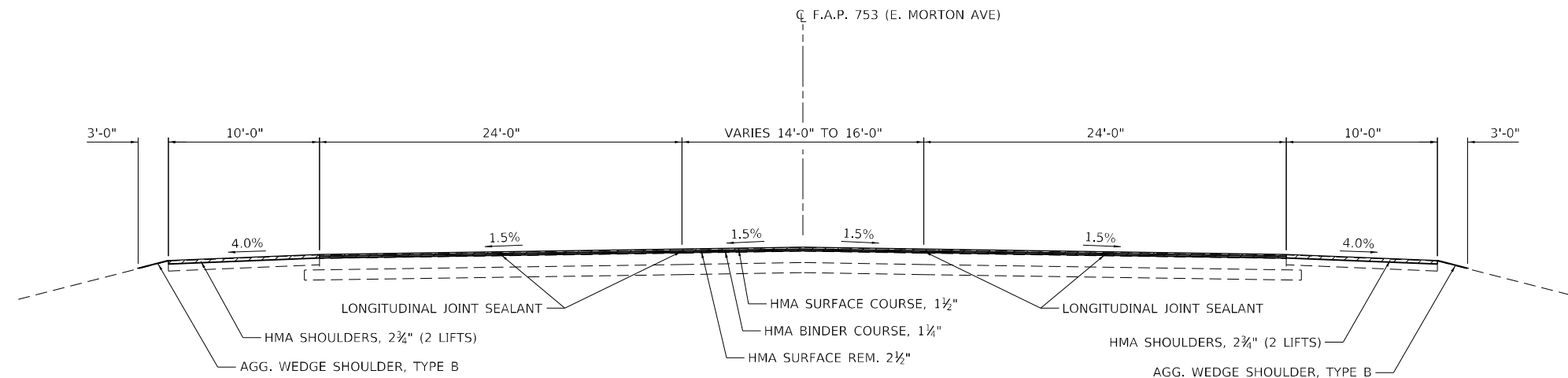
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL
CROSS SECTIONS**

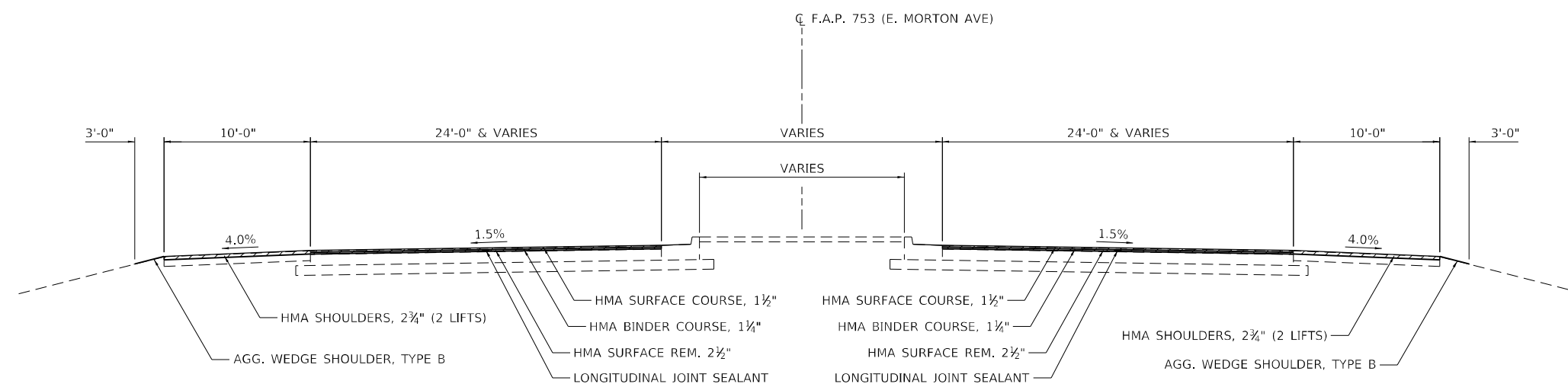
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	7
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



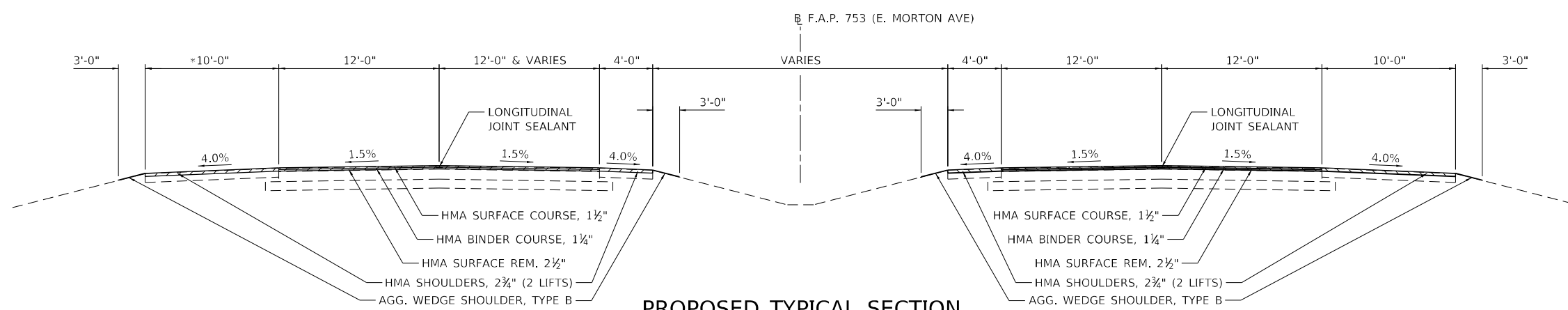
PROPOSED TYPICAL SECTION

STATION 61+89.72 TO STATION 62+70.00 BK
 STATION 413+02.20 AH TO STATION 414+56.03
 STATION EQUATION: STATION 62+65.94 BK = STATION 412+92.75 AH



PROPOSED TYPICAL SECTION

STATION 414+56.03 TO STATION 422+34.06



PROPOSED TYPICAL SECTION

EB STATION 422+34.06 TO 431+85.00
 WB STATION 422+34.06 TO 438+88.00
 *NOTE: SHOULDER TRANSITIONS TO 8' FROM STA. 432+17± TO 432+38±

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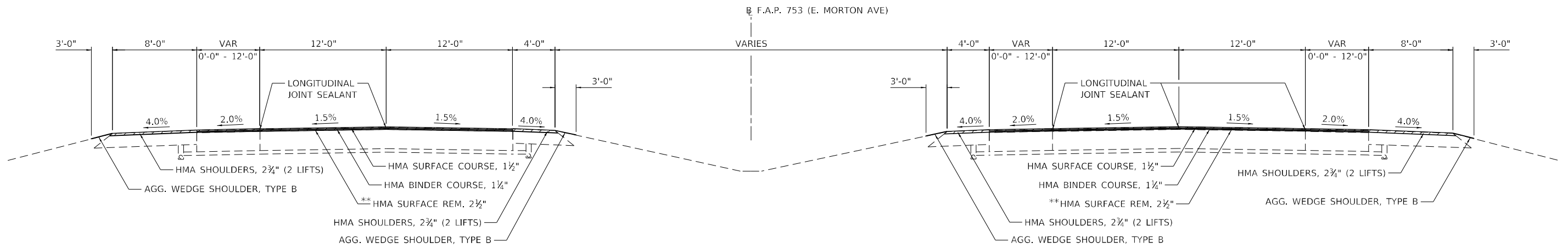
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	DATE - 2/1/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL
 CROSS SECTIONS**

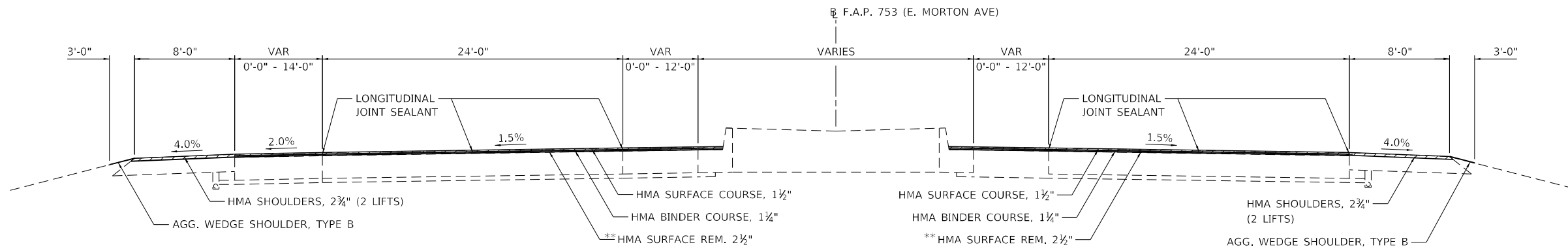
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	8
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL CROSS SECTION

EB STATION 431+85.00 TO STATION 473+49.05
 WB STATION 438+88.00 TO STATION 473+49.05
 ** NOTE: HMA SURFACE REMOVAL 2 1/2" TO EXPOSE BARE CONCRETE



PROPOSED TYPICAL CROSS SECTION

EB STATION 473+49.05 TO STATION 498+19.84
 WB STATION 473+49.05 TO STATION 498+55.47
 EB OMISSION STATION 498+19.84 TO STATION 501+44.20
 WB OMISSION STATION 498+55.47 TO STATION 501+79.83
 EB STATION 501+44.20 TO STATION 507+29.03
 WB STATION 501+79.83 TO STATION 507+29.03
 ** NOTE: HMA SURFACE REMOVAL 2 1/2" TO EXPOSE BARE CONCRETE

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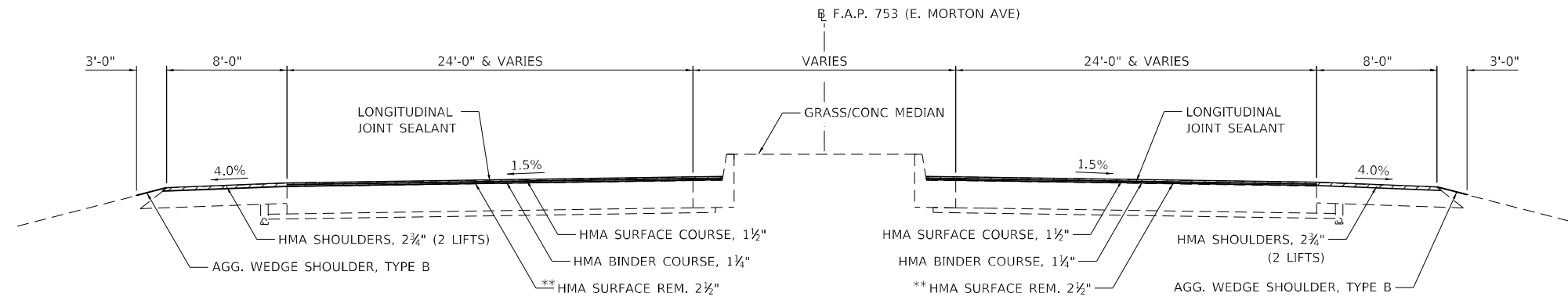


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

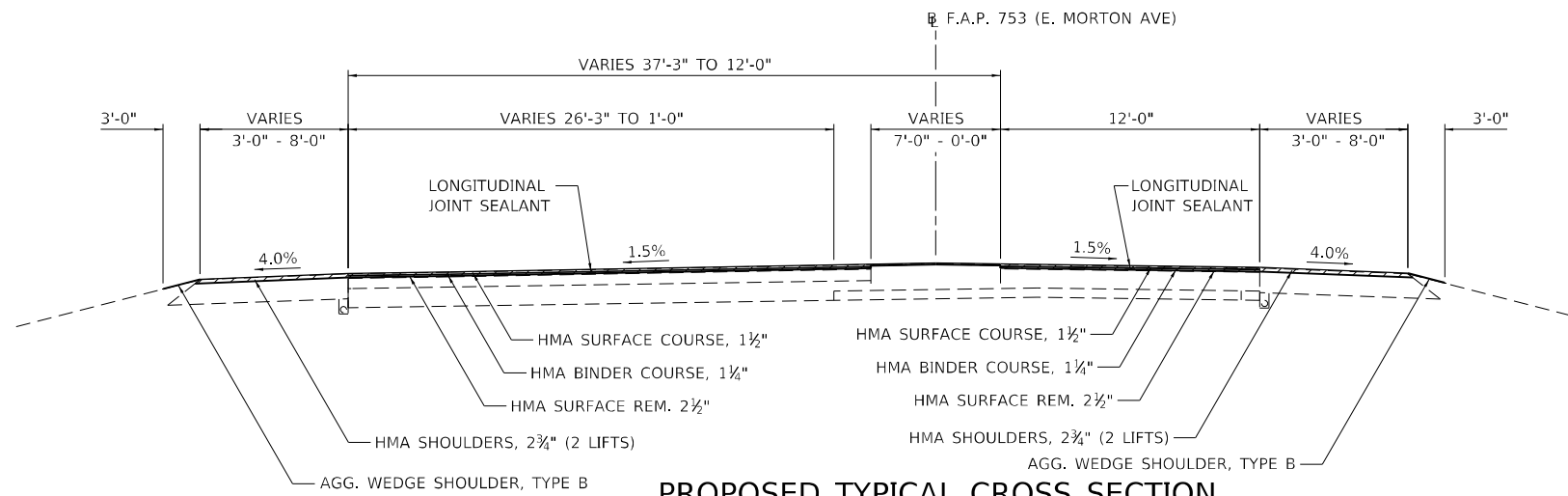
PROPOSED TYPICAL CROSS SECTIONS			
SCALE:	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	9
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



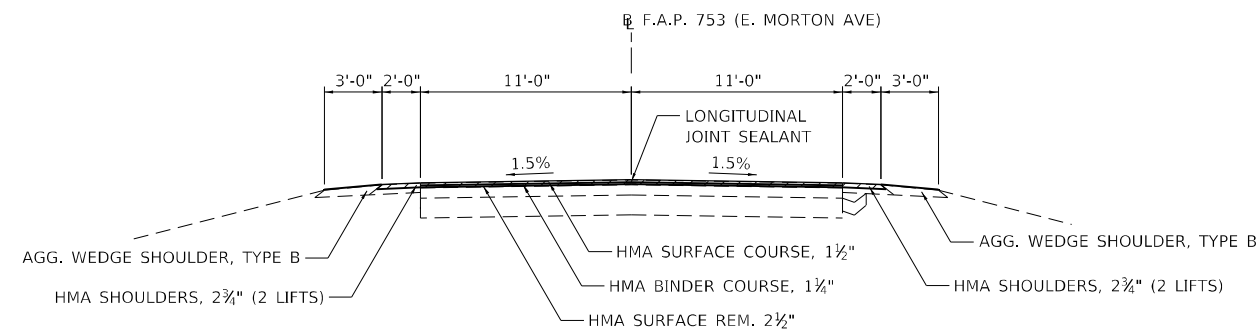
PROPOSED TYPICAL CROSS SECTION

STATION 507+29.03 TO STATION 512+30.00
 ** NOTE: HMA SURFACE REMOVAL 2½" TO EXPOSE BARE CONCRETE



PROPOSED TYPICAL CROSS SECTION

STATION 512+30.00 TO STATION 517+77.09



PROPOSED TYPICAL CROSS SECTION

STATION 517+77.09 TO STATION 518+22.74

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL
 CROSS SECTIONS**

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	10
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE - MAINLINE

LOCATION	SIDE	WIDTH	LENGTH	AREA	COMMENTS	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	TEMPORARY RAMP	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L - 9.5FG, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L - 9.5, MIX "D", N50	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	MATERIAL TRANSFER DEVICE	
		FT	FT	SQ YD		40600290	40600370	40600990	40603215	40604160	44000159	Z0034105	
STATION TO	STATION					POUND	FOOT	SQ YD	TON	TON	SQ YD	TON	
61+89.72	62+65.94	WBL	24.0	76.22	203.25	ROADWAY	137.19	76.22	13.33	14.23	17.07	203.25	17.07
STA EQUATION													
62+65.94 BK=													
412+92.75 AH													
412+92.75	498+38.29	WBL	24.0	8,545.54	22788.12	ROADWAY	15,381.97	8,545.54	13.33	1,595.17	1,914.20	22,788.12	1,914.20
473+49.42	492+67.20	WBL	2.0	1,917.78	426.17	GUTTER PAN	287.66			29.83	35.80	426.17	35.80
486+00	489+50	WBL	VAR	350.00	126.00	RAMP A GORE	85.05			8.82	10.58	126.00	10.58
493+60.20	498+38.40	WBL	2.0	478.20	106.27	GUTTER PAN	71.73			7.44	8.93	106.27	8.93
511+48	513+69	WBL	VAR	221.00	104.00	GORE	70.20			7.28	8.74	104.00	8.74
501+61.50	514+34.20	WBL	24.0	1,272.69	3393.84	ROADWAY	2,290.84	1,272.69	13.33	237.57	285.08	3,393.84	285.08
501+61.50	506+36	WBL	2.0	474.50	105.44	GUTTER PAN	71.17			7.38	8.86	105.44	8.86
507+30	512+30	WBL	2.0	500.00	111.11	GUTTER PAN	75.00			7.78	9.33	111.11	9.33
514+34.20	516+48	WBL	24.0 TO 12.0	214.00	428.00	ROADWAY	288.90	214.00		29.96	35.95	428.00	35.95
516+48	518+27	WBL	12.0	179.00	238.67	ROADWAY	161.10	179.00	6.67	16.71	20.05	238.67	20.05
TURN LANES													
420+65.50	424+32	WBL	12.0	370.00	371.11	LT. TURN	250.50	370.00		25.98	31.17	371.11	31.17
433+83	436+88	WBL	12.0	305.00	305.83	LT. TURN	206.44	305.00		21.41	25.69	305.83	25.69
444+42	448+82	WBL	12.0	440.00	464.44	RT. TURN	313.50	440.00		32.51	39.01	464.44	39.01
473+50	477+45	WBL	12.0	395.00	438.10	LT. TURN	295.72	395.00		30.67	36.80	438.10	36.80
473+95	478+25	WBL	12.0	430.00	411.22	RT. TURN	277.57	430.00		28.79	34.54	411.22	34.54
493+60	498+46	WBL	12.0	486.00	500.67	LT. TURN	337.95	486.00		35.05	42.06	500.67	42.06
61+89.72	62+65.94	EBL	24.0	76.22	203.25	ROADWAY	137.19	76.22	13.33	14.23	17.07	203.25	17.07
412+92.75	498+38.29	EBL	24.0	8,545.54	22788.12	ROADWAY	15,381.97	8,545.54	13.33	1,595.17	1,914.20	22,788.12	1,914.20
473+49.42	492+67.20	EBL	2.0	1,917.80	426.17	GUTTER PAN	287.66			29.83	35.80	426.17	35.80
493+60.20	498+38.40	EBL	2.0	478.20	106.27	GUTTER PAN	71.73			7.44	8.93	106.27	8.93
501+61.50	511+13	EBL	24.0	951.49	2537.30	ROADWAY	1,678.93	951.49	13.33	177.61	213.13	2,537.30	213.13
501+61.50	506+36	EBL	2.0	474.50	105.44	GUTTER PAN	71.17			7.38	8.86	105.44	8.86
507+30	512+30	EBL	2.0	500.00	111.11	GUTTER PAN	75.00			7.78	9.33	111.11	9.33
511+13	514+13	EBL	24.0 TO 12.0	300.00	600.00	ROADWAY	405.00	300.00		42.00	50.40	600.00	50.40
514+13	518+27	EBL	12.0	414.00	552.00	ROADWAY	372.60		6.67	38.64	46.37	552.00	46.37
TURN LANES													
415+82	419+47	EBL	12.0	365.00	364.44	LT. TURN	246.00	365.00		25.51	30.61	364.44	30.61
438+37	443+02	EBL	12.0	465.00	503.88	LT. TURN	340.12	465.00		35.27	42.33	503.88	42.33
453+90	458+90	EBL	12.0	500.00	513.90	LT. TURN	346.88	500.00		35.97	43.17	513.90	43.17
468+17	472+67	EBL	12.0	450.00	483.89	LT. TURN	326.63	450.00		33.87	40.65	483.89	40.65
468+05	472+35	EBL	12.0	430.00	451.11	RT. TURN	304.50	430.00		31.58	37.89	451.11	37.89
501+53	506+39	EBL	12.0	486.00	497.67	LT. TURN	335.93	486.00		34.84	41.80	497.67	41.80
MEDIAN													
61+89.72	414+57	MED	14.0 TO 16.0	240.47	392.31	MED	264.81		7.78	27.46	32.95	392.31	
420+00		MED			339.00	MED	228.83			23.73	28.48	339.00	
433+23		MED			385.00	MED	259.88			26.95	32.34	385.00	
443+62		MED			476.00	MED	321.30			33.32	39.98	476.00	
446+86		MED			453.00	MED	305.78			31.71	38.05	453.00	
459+50		MED			403.00	MED	272.03			28.21	33.85	403.00	
473+25		MED			311.00	MED	209.93			21.77	26.12	311.00	
493+10		MED			237.00	MED	159.98			16.59	19.91	237.00	
506+80		MED			248.00	MED	167.40			17.36	20.83	248.00	
I - 72 Ramps													
481+50	490+85	RAMP	VAR	935.00	1036.00	RAMP A WB	699.30		8.89	72.52	87.02	1,036.00	
27+43	27+98.50	RAMP	VAR	55.50	136.00	RAMP A EB	91.80		8.89	9.52	11.42	136.00	
150+35	150+97	RAMP	VAR	62.00	328.00	RAMP B	221.40		11.44	22.96	27.55	328.00	
223+68	224+37	RAMP	VAR	69.00	369.00	RAMP C	249.08		16.00	25.83	31.00	369.00	
250+34	251+13	RAMP	VAR	79.00	407.00	RAMP D	274.73		10.67	28.49	34.19	407.00	
TOTAL							44,710.05	25,282.70	156.99	4,640.12	5,568.09	66,287.10	5,104.40

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USER NAME = myoung
 DESIGNED - JS
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 CHECKED - JS
 DATE - 11/10/2021

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PLOT SCALE = 0.1667' / in.
 PLOT DATE = 2/4/2022

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	25RS-10	MORGAN	32	11
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

SHOULDER IMPROVEMENT SCHEDULE

LOCATION	SIDE	WIDTH FT	LENGTH FT	AREA SQYD	COMMENT	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDER
						40600290 POUND	40600990 SQ YD	44000159 SQ YD	48102100 TON	48203100 TON
61+73 TO 62+65.94	WBL	9	92.94	92.94		62.73	9.2	92.94	1.37	14.31
STA. EQUATION										
STA. 62+65.94 BK = STA. 412+92.75 AH										
412+92.75 TO 419+67	WBL	10	674	748.9		505.5		748.9	9.91	115.3
420+20 TO 432+38	WBL	10	1218	1353		913.5		1353	17.9	208.36
432+38 TO 442+96	WBL	8	1058	940.4		634.8		940.4	15.6	144.8
447+50 TO 450+65	WDL	0	1115	944.44		637.5		944.44	16.39	145.44
460+38 TO 472+87	WBL	8	1296	1152		777.6		1152	19.05	177.41
473+49 TO 481+51	WBL	8	847	752.88		508.19		752.88	12.45	115.94
490+88 TO 492+45	WBL	8	157	139.56		94.2		139.56	2.31	21.49
492+80 TO 498+69	WBL	8	589	523.56		353.4	7.4	523.56	8.66	80.63
501+92 TO 507+10	WBL	8 & VAR	518	508		342.9	8.3	508	7.61	78.32
508+47 TO 516+78	WBL	8	831	738.67		498.6		738.67	12.22	113.76
516+78 TO 517+78	WBL	VAR	100	50		33.75		50	1.47	7.7
422+34 TO 433+02	WBL	4	1060	471.56		318.3	3.7	471.56	15.58	72.62
433+46.75 TO 443+00	WBL	4	956	425		286.88		425	14.05	65.45
444+00 TO 446+51	WBL	4	261	116		78.3		116	3.84	17.86
447+16 TO 459+21	WBL	4	1279.3	569		384.08		569	18.81	87.63
459+75 TO 472+86	WBL	4	1328.89	591		398.93		591	19.53	91.01
62+10 TO 62+65.94	EBL	8	55.94	49.72		33.56	7.4	49.72	0.84	7.66
STA. EQUATION										
STA. 62+65.94 BK = STA. 412+92.75 AH										
412+92.75 TO 414+00	EBL	8	108	96		64.8		96	1.59	14.78
414+00 TO 419+85	EBL	8 & VAR	585	630		425.25		630	8.6	97.02
420+30 TO 432+62	EBL	10	1232	1369		924.08		1369	18.11	210.83
434+21 TO 473+24	EBL	8	3903	3449		2328.08		3449	57.37	531.15
473+24 TO 491+73	EBL	8	1849	1700		1147.5		1700	27.18	261.8
492+89 TO 498+07	EBL	8	518	483.5		326.36	7.4	483.5	7.61	74.46
501+32 TO 507+15	EBL	8	583	518.2		349.79	7.4	518.2	8.57	79.8
508+58 TO 517+72	EBL	8 & VAR	914	777		524.48		777	13.45	119.66
422+34 TO 433+02	EBL	4	1069	475.11		320.7	3.7	475.11	15.71	73.17
433+46 TO 438+80	EBL	4	537	238.67		161.1		238.67	7.89	36.76
444+00 TO 446+51	EBL	4	261	116		78.3		116	3.84	17.86
447+16 TO 459+21	EBL	4	1221	542.67		366.3		542.67	17.95	83.57
459+75 TO 472+86	EBL	4	1328.66	590.52		398.6		590.52	19.53	90.94
481+51 TO 490+85 ML STA.	WBL	6	934	622.67	RAMP A WBL	420.3	5.5	622.67	13.73	95.89
489+48 TO 490+88 ML STA.	WBL	VAR	140	135	GORE SHOULDER	91.13		135		20.79
27+43 TO 27+98.50 RT.	RT.	6.5	50.5	36.5	RAMP A	24.64	6.0	36.5	0.74	5.62
27+43 TO 27+98.50 LT.	LT.	VAR	50.5	28.33	RAMP A	19.12		28.33	1.1	4.36
150+35 TO 150+97	RT.	6	62	81.11	RAMP B	54.75	5.5	81.11	1.32	12.49
150+35 TO 150+97	LT.	4	62	31.56	RAMP B	21.3	3.7	31.56	1.04	4.86
223+68 TO 224+37	RT.	6	69	92.44	RAMP C	62.4	5.5	92.44	1.65	14.24
223+68 TO 224+37	LT.	VAR	69	20.56	RAMP C	13.88	3.7	20.56	0.9	3.17
250+34 TO 251+13	RT.	6.4	143.5	102	RAMP D	68.85	6.0	102	2.11	15.71
250+34 TO 251+13	LT.	4	74.5	33.11	RAMP D	22.35	3.7	33.11	1.1	5.1
TOTAL USE						15076.78	94.1	22335.58	428.68	3439.72
						15077	94	22336	429	3440

MODEL Path: \\10040008 IDOT D6 - PTB 1874011 - W08 - Morgan County 72N02 CAD Data\CAD\Drawings\0672N02_011_Schedule.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	25RS-10	MORGAN	32	12
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION	SYMBOL	COMMENT	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"		MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 8"	GROOVING FOR RECESSED PAVEMENT MARKING 12"	
			70300100	70300150	78004220	78004230	78004280	78004200	WHITE	YELLOW	78009005	78009008	78009012	78011025	78011040	78011060
			FOOT	SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
STA. EQ. 62+65.94 BK = 412+92.72 AH																
MAIN LINE																
STA. 61+90 TO STA. 511+00 EBL			1408	70	2470											
STA. 61+90 TO STA. 512+00 WBL			1418	70	2500											
STA 61+75 TO STA 419+63 WBL										761			761			
STA 62+07 TO STA 432+37 EBL										2,003			2003			
STA 420+23 TO STA 442+82 WBL										2,259			2259			
STA 434+20 TO STA 472+87 EBL										3,867			3867			
STA 444+32 TO STA 458+66 WBL										1,434			1434			
STA 460+18 TO STA 472+36 WBL										1,218			1218			
STA 473+60 TO STA 491+72 EBL										1,812			1812			
STA 473+87 TO STA 490+84 WBL										1,787			1787			
STA 485+75 TO STA 490+84 WBL		RAMP A GORE									509			509		
STA 485+75 TO STA 492+45 WBL		RAMP A GORE									670			670		
STA 492+83 TO STA 507+06 WBL										1,423			1423			
STA 492+90 TO STA 507+13 EBL										1,423			1423			
STA 508+47 TO STA 518+27 WBL	LANE DROP ARROW						83.00			980			980			
STA 508+58 TO STA 518+27 EBL										969			969			
MAIN LINE MEDIAN																
STA 61+87 TO STA 414+56 WBL		DOUBLE YELLOW								484		80	484		80	
STA 61+93 TO STA 414+56 EBL		DOUBLE YELLOW								472			472			
STA 414+56 TO STA 419+47 WBL / EBL										994			994			
STA 418+00 TO STA 419+47 WBL											15				15	
STA 420+65 TO STA 433+00 WBL / EBL										2,512			2512			
STA 433+47 TO STA 443+29 WBL / EBL										1,987			1987			
STA 444+00 TO STA 446+54 WBL / EBL										542			542			
STA 447+13 TO STA 459+24 WBL / EBL										2,448			2448			
STA 459+73 TO STA 472+90 WBL / EBL										2,663			2663			
STA 473+50 TO STA 492+68 WBL / EBL										3,859			3859			
STA 493+58 TO STA 506+37 WBL / EBL										2,570			2570			
STA 507+29 TO STA 511+13 WBL / EBL										778			778			
STA 511+13 TO STA 512+36 EBL										123			123			
STA 511+13 TO STA 513+69 WBL		DOUBLE YELLOW								512		55	512		55	
STA 511+20 TO STA 517+00 WBL LT		MERGE LINE								580			580			
STA 512+36 TO STA 513+69 EBL		DOUBLE YELLOW								266			266			
STA 513+69 TO STA 518+37 CL		DOUBLE YELLOW								936			936			
TURN LANES																
STA 417+78 TO STA 419+47 LT EBL	TURN ARROW		20				219		31.20							
STA 420+65 TO STA 422+26 RT WBL	TURN ARROW		20				211		31.20							
STA 433+83 TO STA 435+18 RT WBL	TURN ARROW		16				175		31.20							
STA 440+28 TO STA 443+05 LT EBL	TURN ARROW		28				325		46.80							
STA 444+39 TO STA 446+61 LT WBL	TURN ARROW		24				272		31.20							
STA 456+30 TO STA 458+93 LT EBL	TURN ARROW		28				325		46.80							
STA 470+00 TO STA 472+71 LT EBL	TURN ARROW		28				319		31.20							
STA 471+01 TO STA 472+38 RT EBL	TURN ARROW		24				287		46.80							
STA 473+49 TO STA 475+99 RT WBL	TURN ARROW		24				288		46.80							
STA 473+88 TO STA 475+99 LT EBL	TURN ARROW		24				261		31.20							
STA 493+58 TO STA 496+00 RT WBL	TURN ARROW		24				302		46.80							
STA 503+99 TO STA 506+36 LT EBL	TURN ARROW		24				299		46.80							
SIDE ROADS																
WOODS LANE		RADIUS					30			252			252			
MOBIL ROAD		RADIUS								127			127			
EASTGATE		RADIUS								148			148			
I-72 RAMPS																
RAMP A							24			56	52		108			
RAMP B										147	71		218			
RAMP C							45			69	134	143	203	143	61	
RAMP D										142	82		224			
TOTALS			3110	140	4970	3283	99	551	20877	22065	1322	211	42942	1322	211	

REV. - MS

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 KUHNS & TRELLO CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-519-0044 Professional Design Firm No. 184-006516	USER NAME = myoung PLOT SCALE = 0.1667' / in. PLOT DATE = 2/4/2022	DESIGNED - JS DRAWN - MMY CHECKED - JS DATE - 11/10/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	F.A.P. RTE. 753 SECTION 25R5-10 COUNTY MORGAN CONTRACT NO. 72N02	TOTAL SHEETS 32 SHEET NO. 13
	SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT		

GUARDRAIL SCHEDULE										
STATION TO STATION		SIDE	63000001 STEEL PLATE BEAM GUARDRAIL TYPE A, 6' POSTS	63100085 TRAFFIC BARRIER TERMINAL TYPE 6	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	63200310 GUARDRAIL REMOVAL	72501000 TERMINAL MARKER DIRECT APPLIED	78200005 GUARDRAIL REFLECTORS, TYPE A		
			FOOT	EACH	EACH	FOOT	EACH	EACH		
61+40	-	413+67	LT	125	1	1	196	1	4	
61+80	-	62+80	RT	25	1	1	97	1	3	
497+02	-	498+15	RT	38	1	1	109	1	3	
501+90	-	503+14	LT	50	1	1	121	1	3	
TOTAL				238	4	4	523	4	13	

RESURFACING SCHEDULE - SIDE ROADS

SIDE ROAD	LOCATION		AVERAGE WIDTH	DEPTH	AREA	AREA	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT- MIX ASPHALT SURFACING	
	STATION TO	STATION					40600982	40600990	40800029	40800050	
		FT	FT	SQ FT	SQ YD	SQ YD	SQ YD	POUND	TON		
BLACKS LANE	419+97.18		29.5	15	450	50	50	23	34	7.7	
WOODS LANE	433+28.8		75	68	5121	569	569	32	384	87.6	
MOBIL ROAD	459+53.1		78	31	3240	360	360	51	243	55.4	
EASTGATE	473+24.4		104	44	4527	503	503	73	340	77.5	
TOTAL							1,482	179	1,001	228	

CURB REFLECTORS

LOCATION		CURB REFLECTORS	
		78200020	
STATION TO	STATION	AMBER	CRYSTAL
MEDIAN			
414+60	419+50	42	
420+65	422+30	16	
473+49	492+70	107	
493+58	506+40	73	
507+30	512+30	39	
RAMP C ISLAND			
507+47	507+67		9
TOTALS		277	9

RESURFACING SCHEDULE - ENTRANCES

LOCATION			AVERAGE WIDTH	DEPTH	AREA TO RESURFACE	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT- MIX ASPHALT SURFACING
						40600982	40600990	40800029	40800050
SIDE	STATION	TYPE	FT	FT	SQ YD	SQ YD	SQ YD	POUND	TON
LT	443+62.1	CE	80	59	491	491	40	331	75.6
LT	473+14.9	CE	82	57	509	509	45	344	78.4
TOTAL						1,000	85	675	154

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

LOCATION		LENGTH FEET	RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION TO	STATION		1 WAY CRYSTAL	2 WAY AMBER	
			78100100		78300200
			EACH	EACH	EACH
61+90	518+27	10,285	249		249
61+90	414+56			12	12
511+13	518+27	714		24	24
TURN LANES			72		72
TOTAL			321	36	357

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION	TEMPORARY PAVEMENT MARKING - LINE 5"		TEMPORARY PAVEMENT MARKING LINE 8"	TEMPORARY PAVEMENT MARKING LINE 12"
	WHITE	YELLOW		
	70300231		70300251	70300261
		FOOT	FOOT	FOOT
SEE PAVEMENT MARKING SCHEDULE FOR STATIONS				
TOTALS		21966	22065	211

REV. - MS

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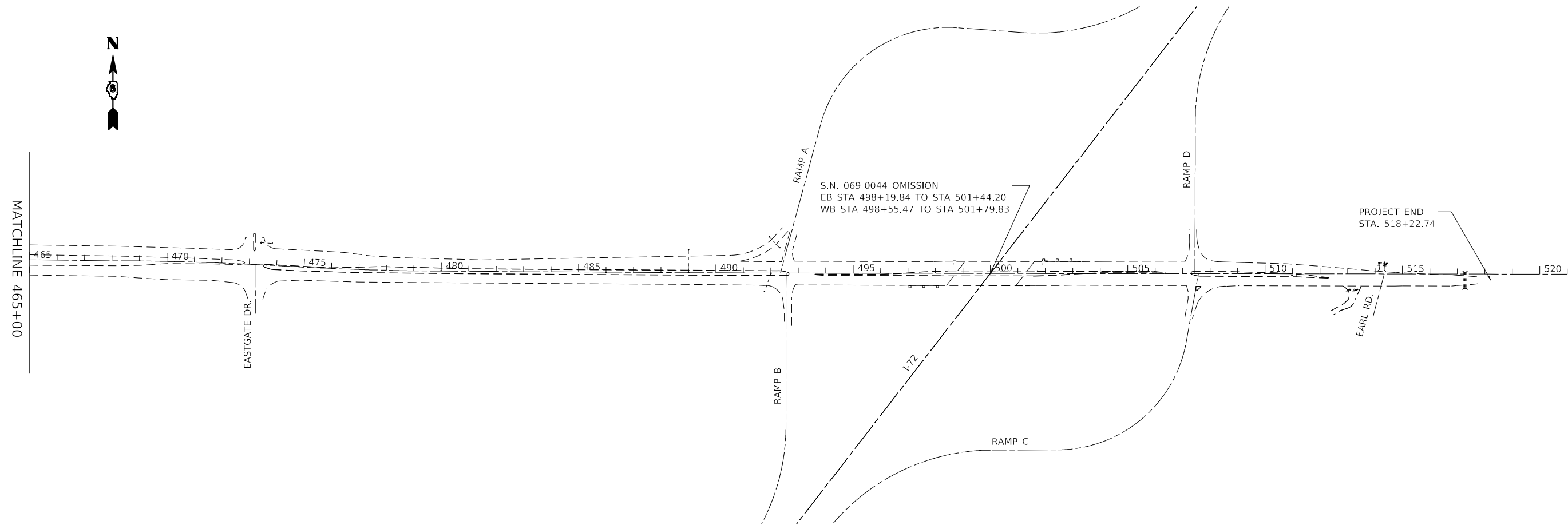
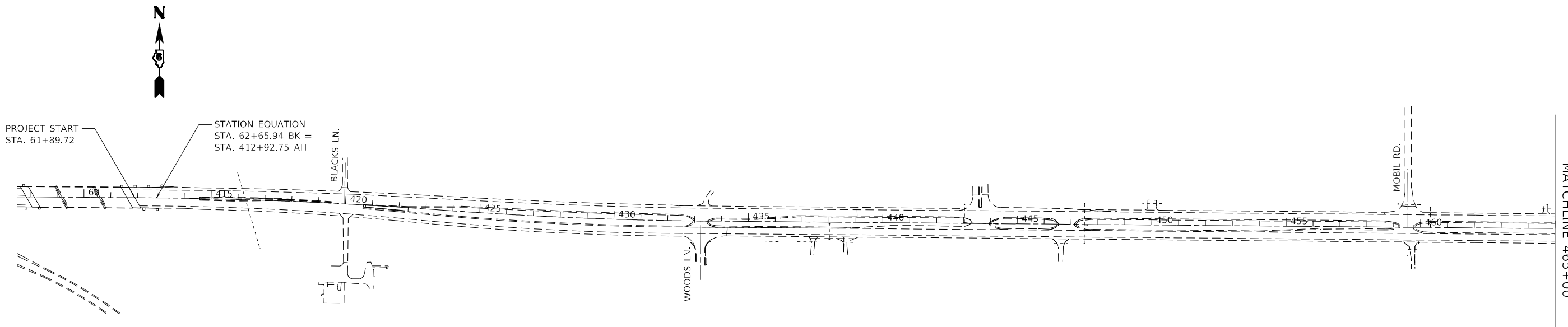
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REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	25RS-10	MORGAN	32	14
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



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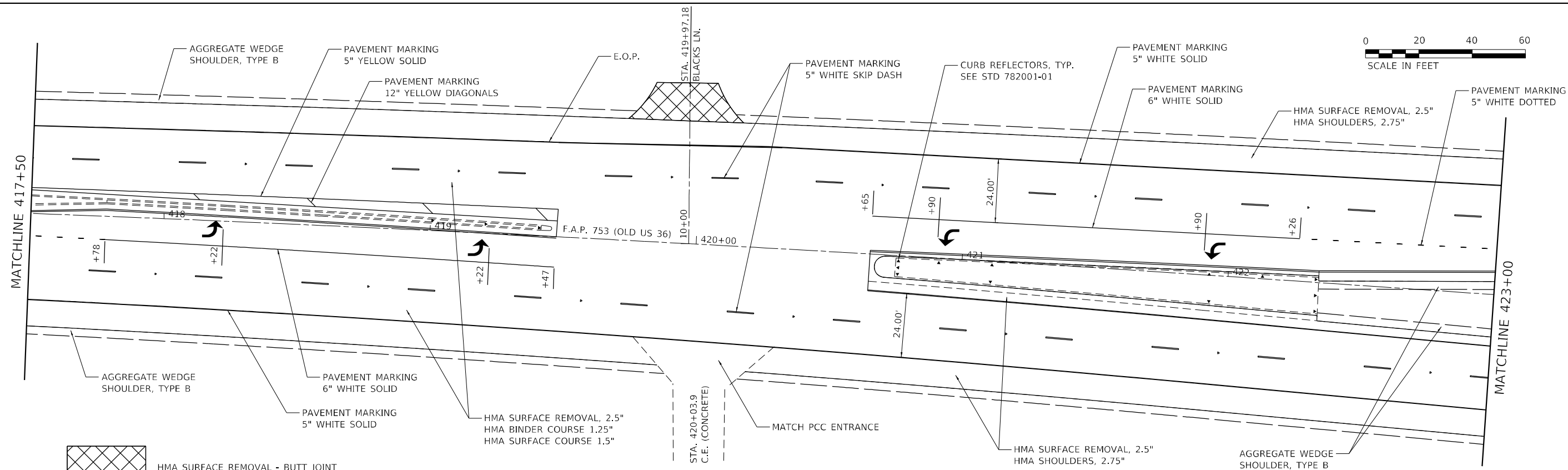
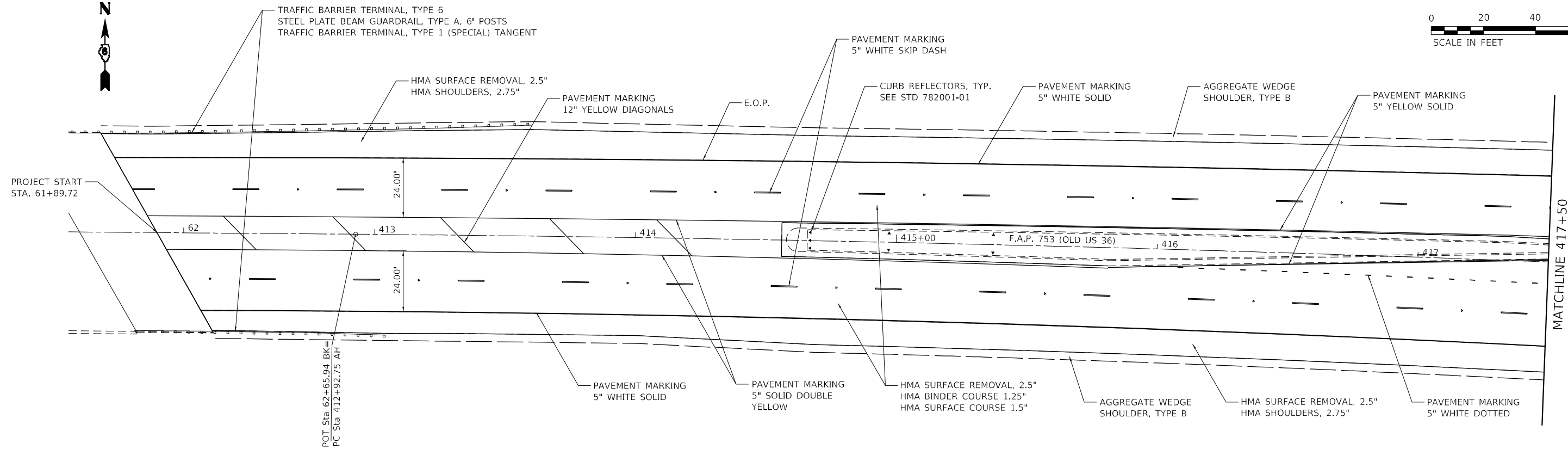


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SITE PLAN			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.	TO STA.	

F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 15
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



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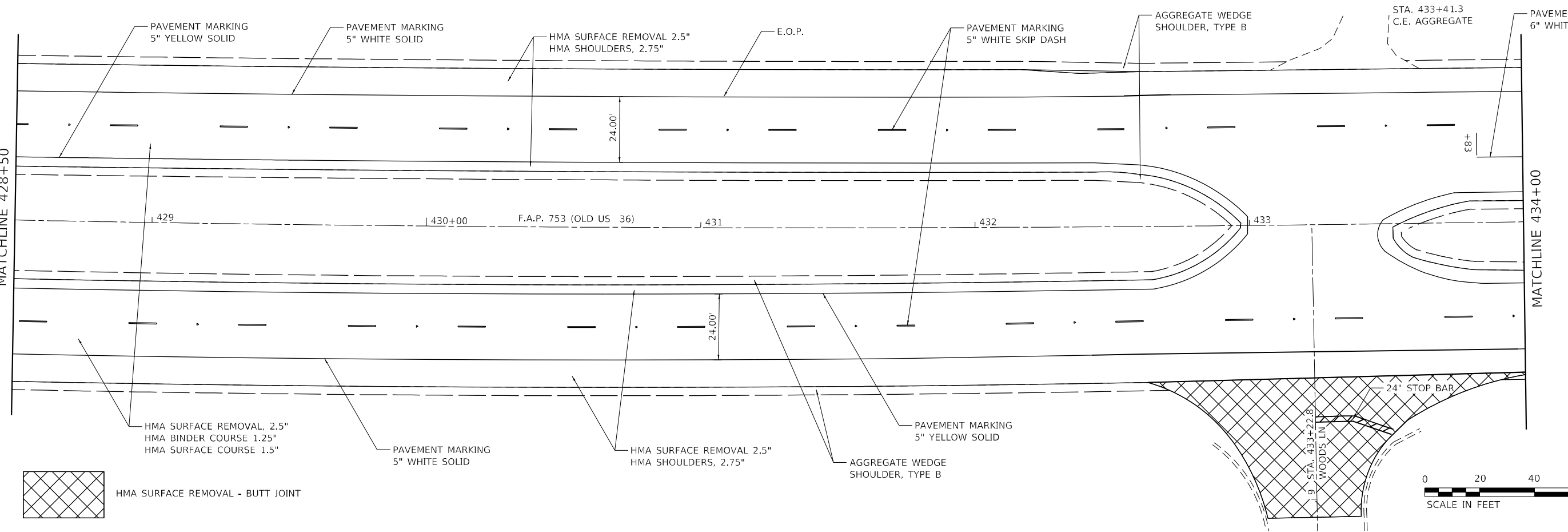
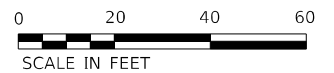
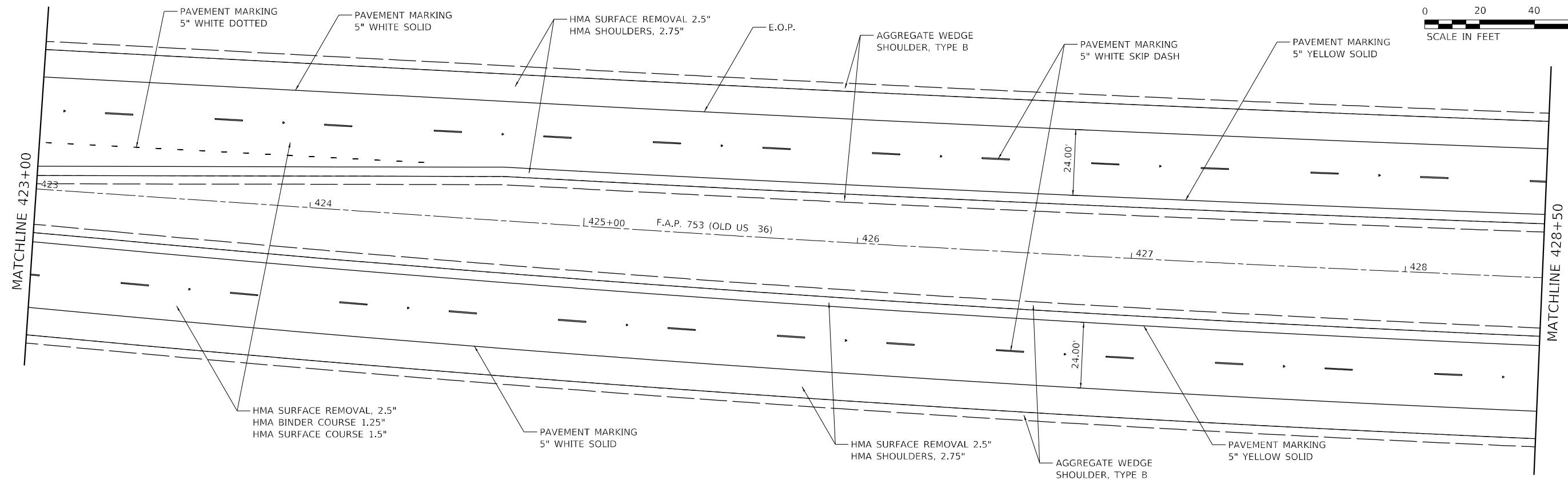


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE:	SHEET 1	OF 10 SHEETS	STA. 61+89.72 TO STA. 423+00

F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 16
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



HMA SURFACE REMOVAL - BUTT JOINT

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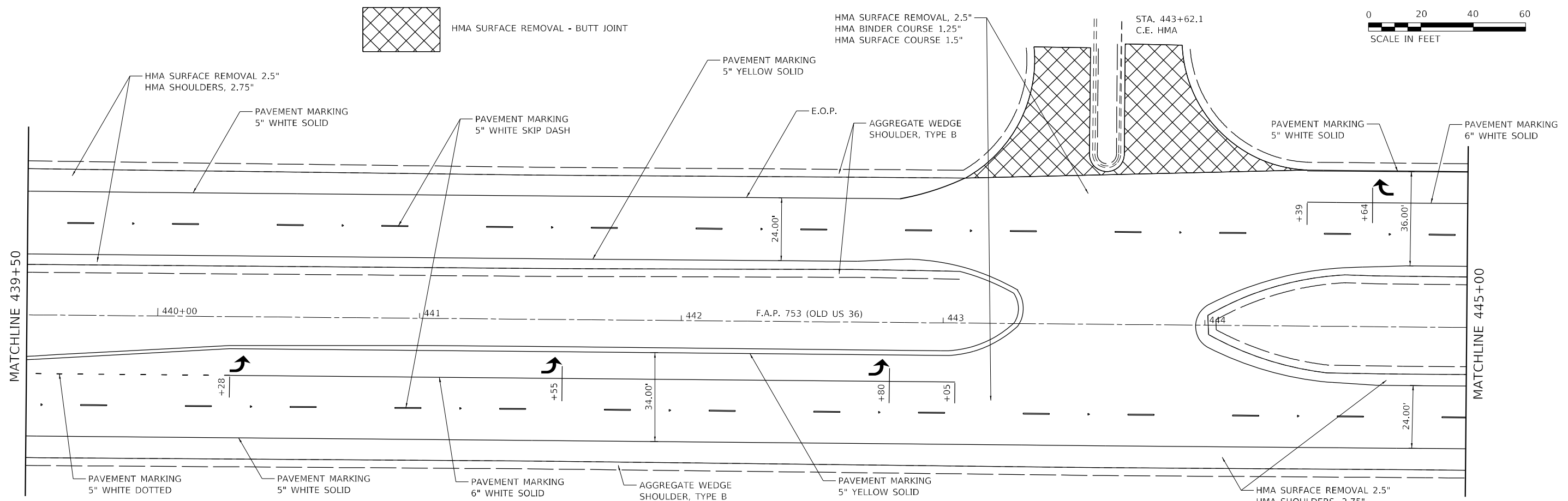
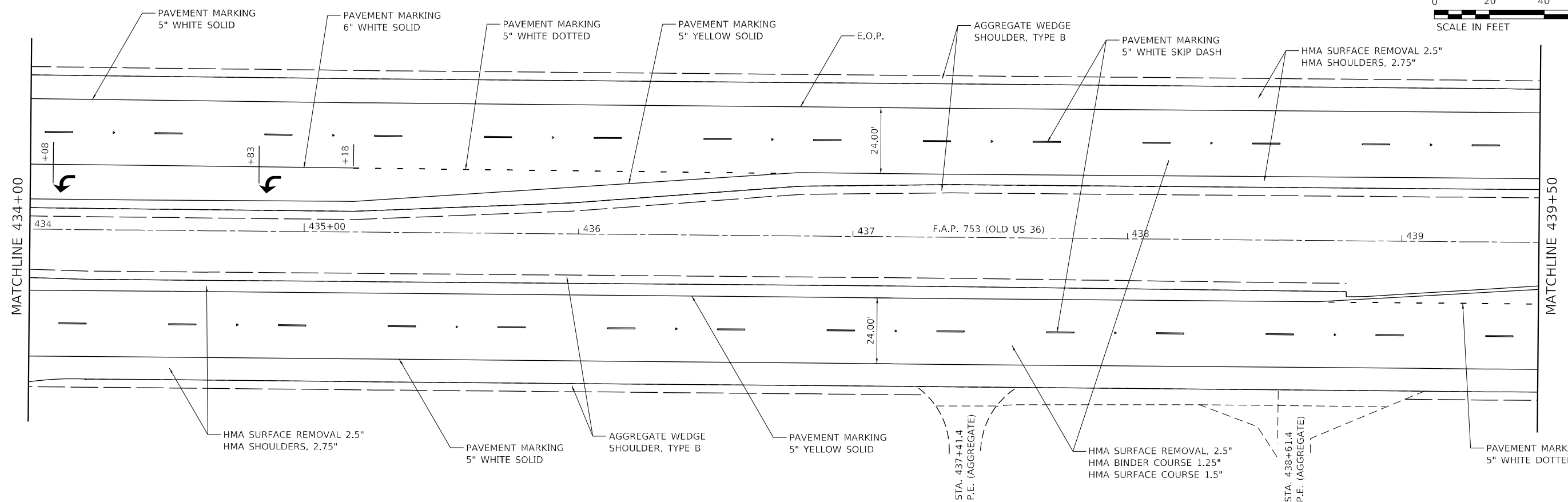
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: SHEET 2 OF 10 SHEETS STA. 423+00 TO STA. 434+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	17
				CONTRACT NO. 72N02
				ILLINOIS FED. AID PROJECT



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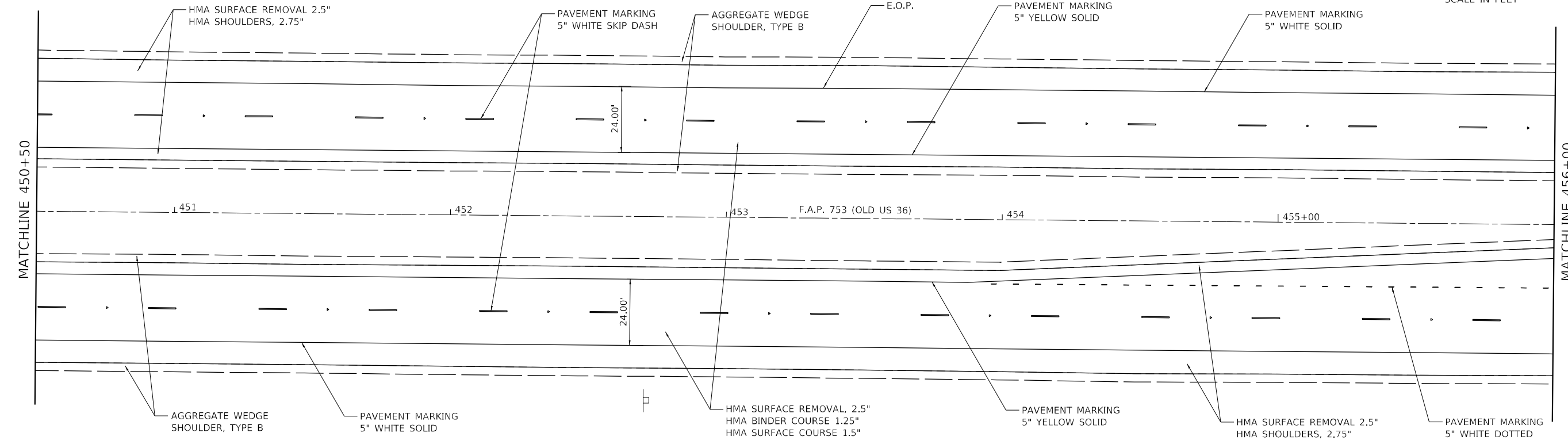
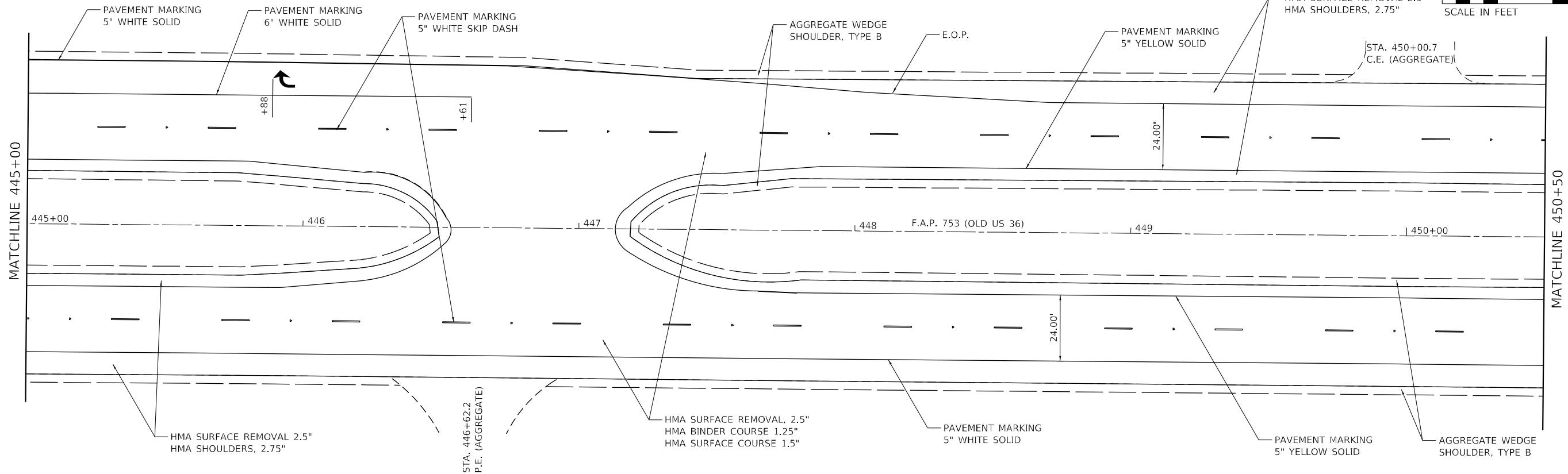
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 3 OF 10 SHEETS STA. 434+00 TO STA. 445+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	18
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



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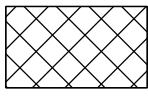


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	DATE - 2/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 4 OF 10 SHEETS		STA. 445+00 TO STA. 456+00	
		PLAN SHEETS			

F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 19
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



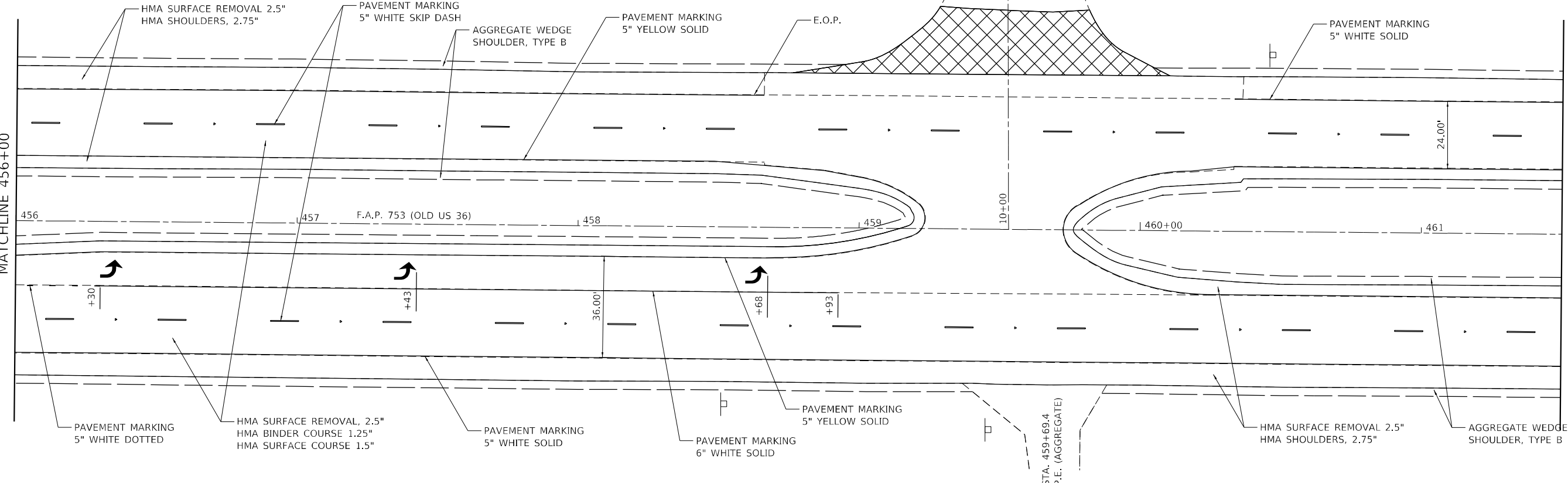
HMA SURFACE REMOVAL - BUTT JOINT

STA. 459+53.1
MOBIL RD.



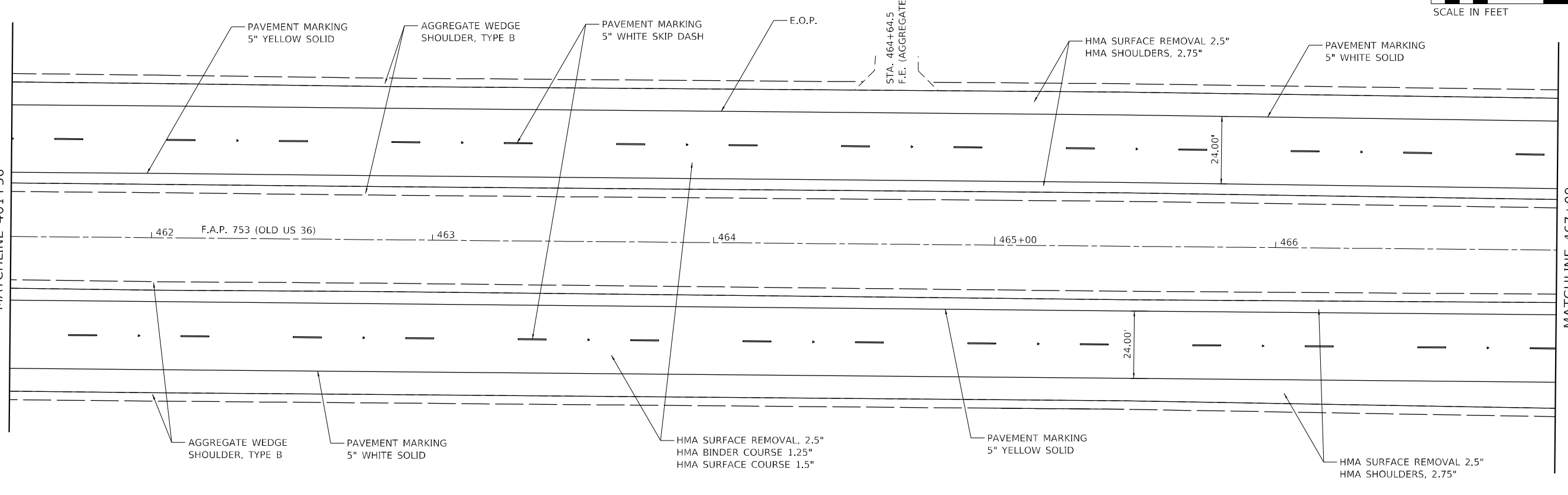
MATCHLINE 456+00

MATCHLINE 461+50



MATCHLINE 461+50

MATCHLINE 467+00



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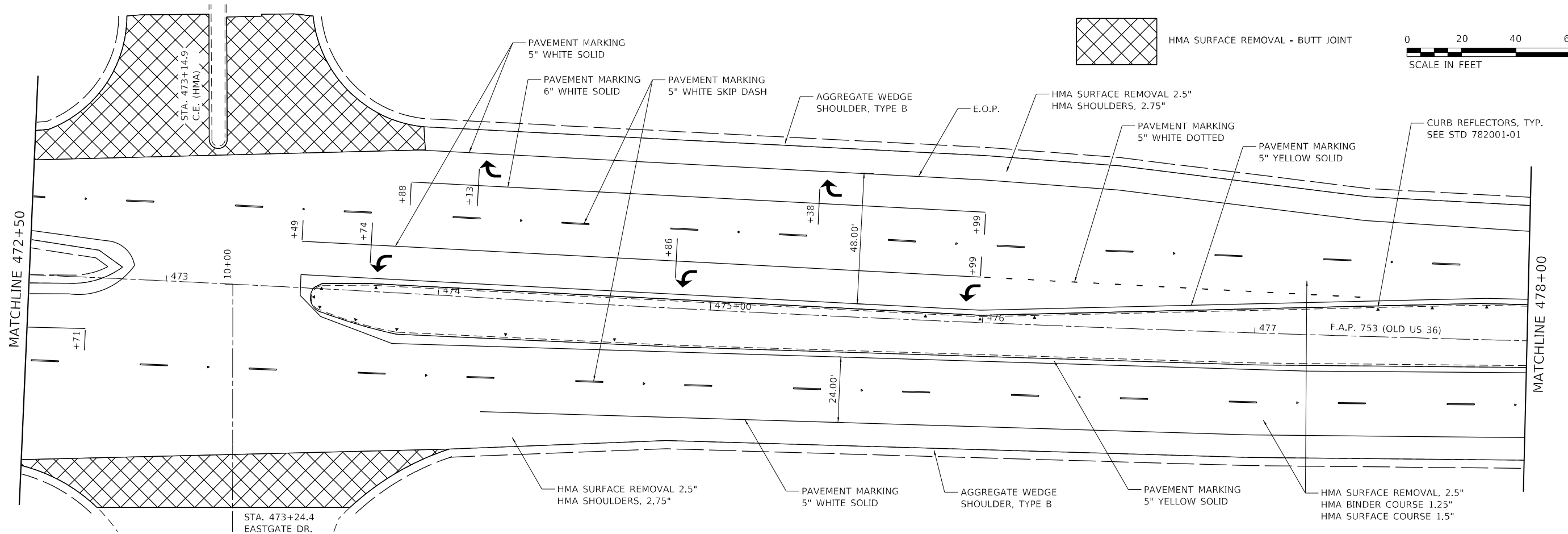
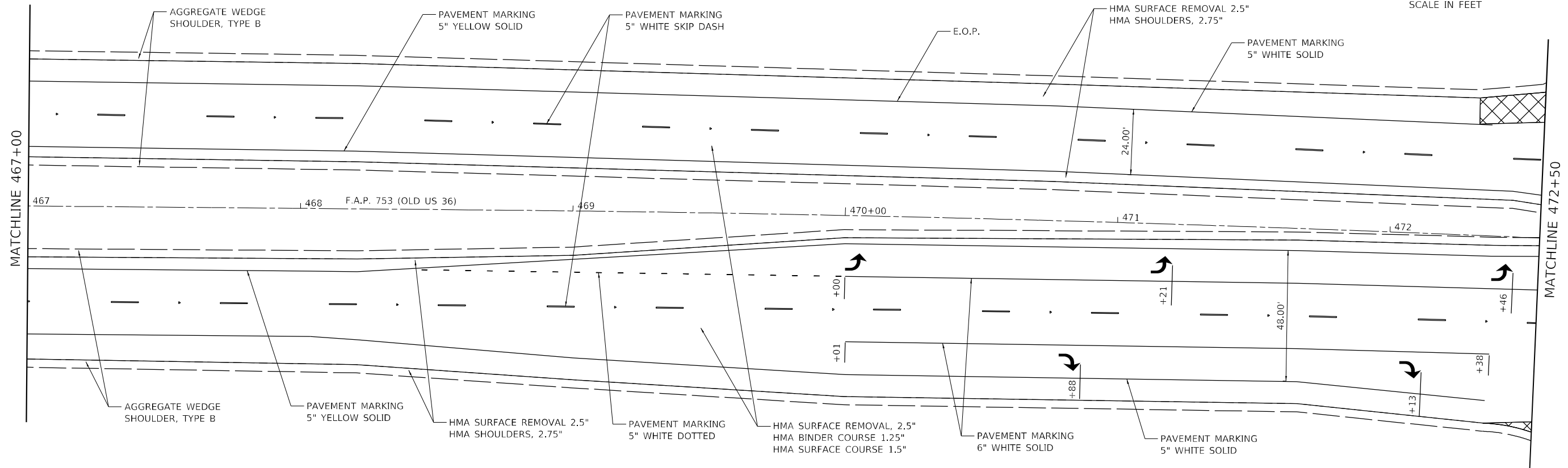
KT
KUHN & TRELLO
 CONSULTING ENGINEERS
 A Limited Liability Company
 109 N. 7th Street, 3rd Floor
 Springfield, IL 62702
 Phone: 217-416-0244

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE:	SHEET 5	OF 10 SHEETS	STA. 456+00 TO STA. 467+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	20
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



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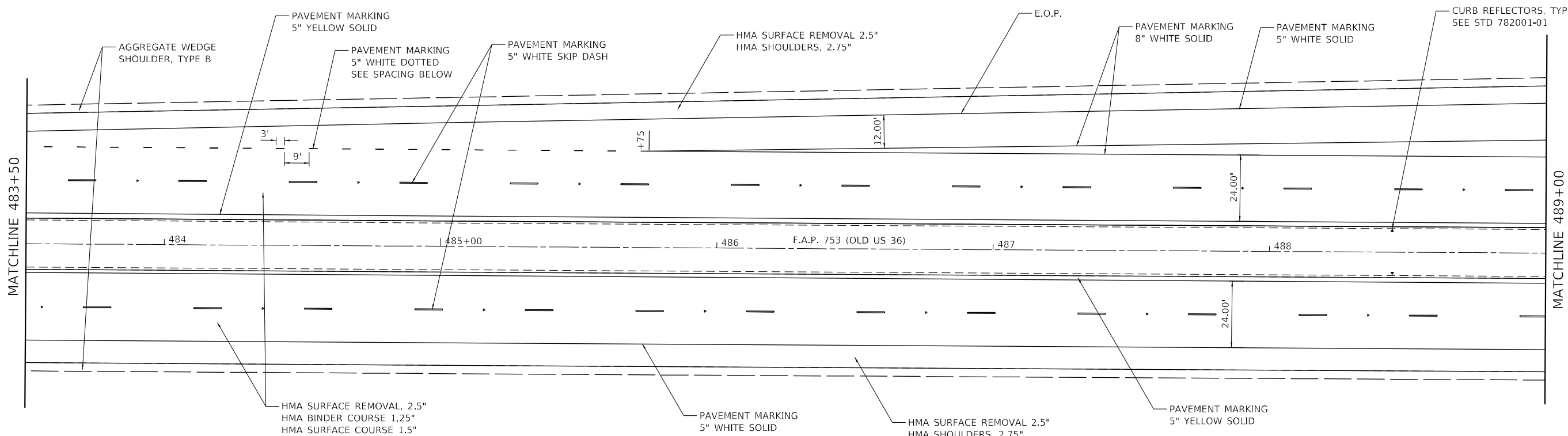
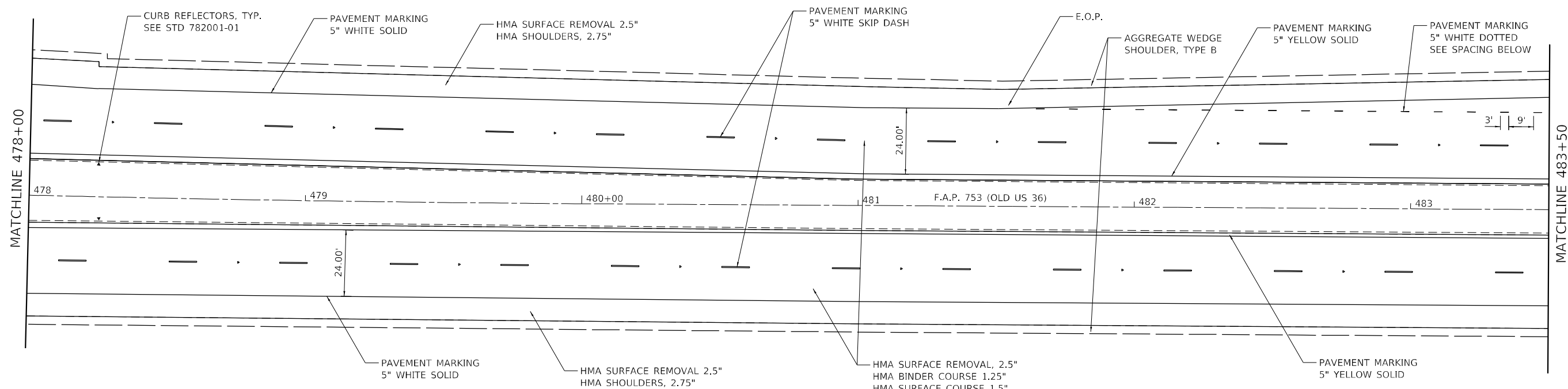
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PLOT DATE = 2/7/2022	DATE - 2/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 6 OF 10 SHEETS STA. 467+00 TO STA. 478+00

F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 21
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



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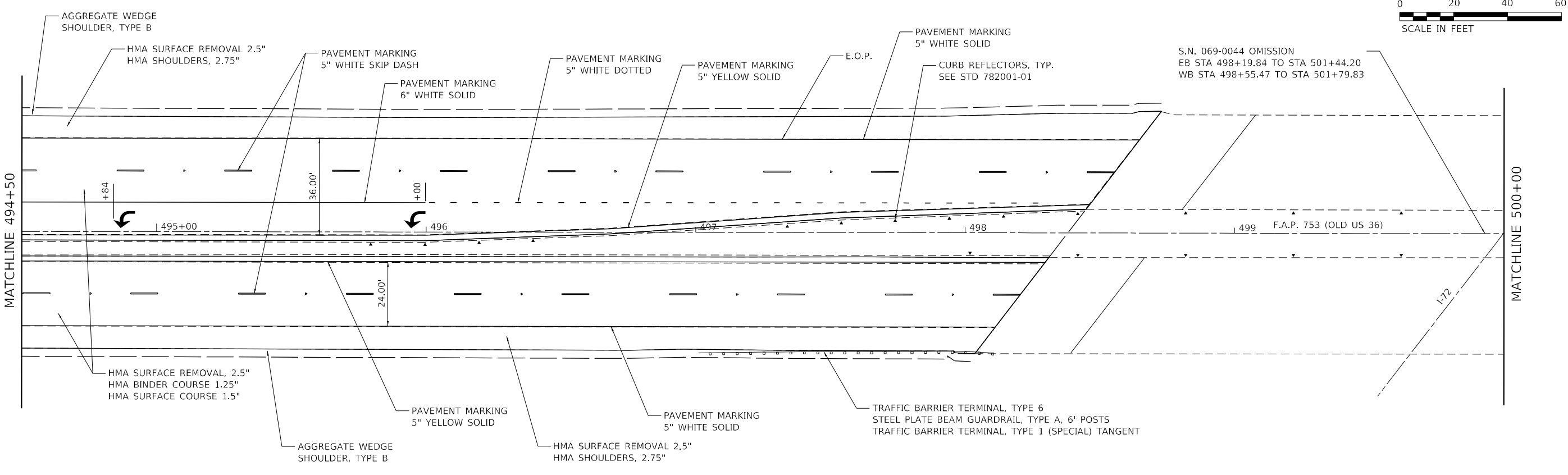
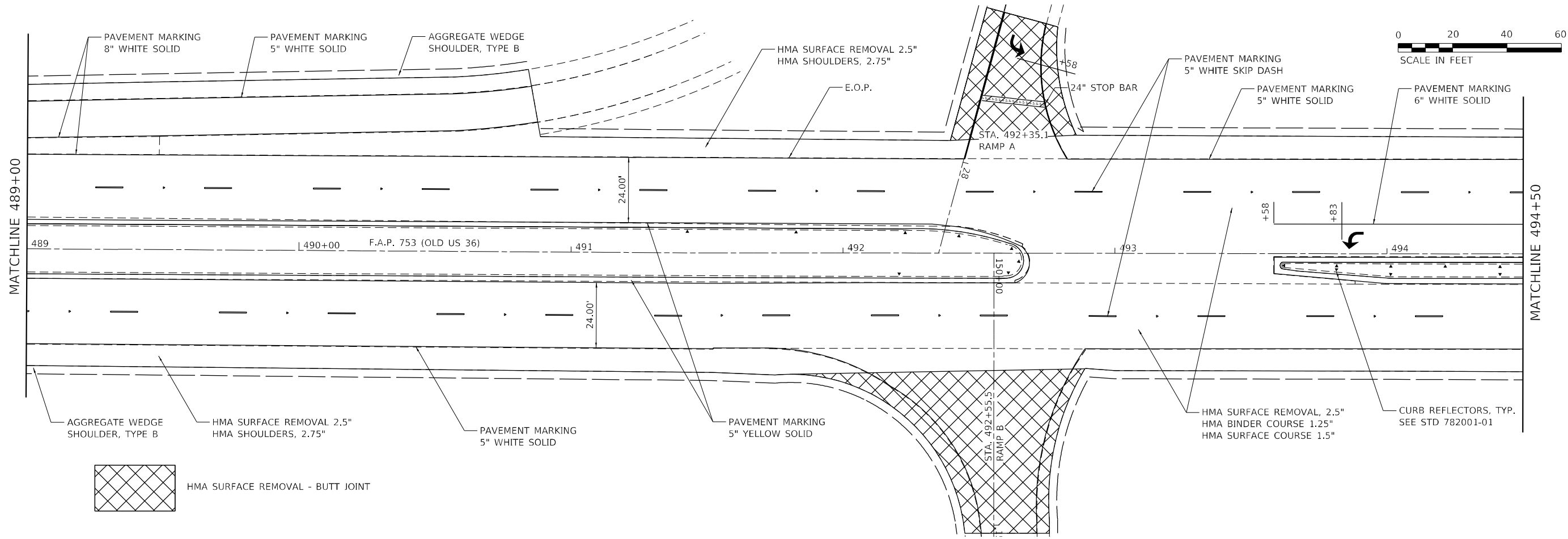
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	DATE - 2/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 7 OF 10 SHEETS STA. 478+00 TO STA. 489+00

F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 22
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



S.N. 069-0044 OMISSION
 EB STA 498+19.84 TO STA 501+44.20
 WB STA 498+55.47 TO STA 501+79.83

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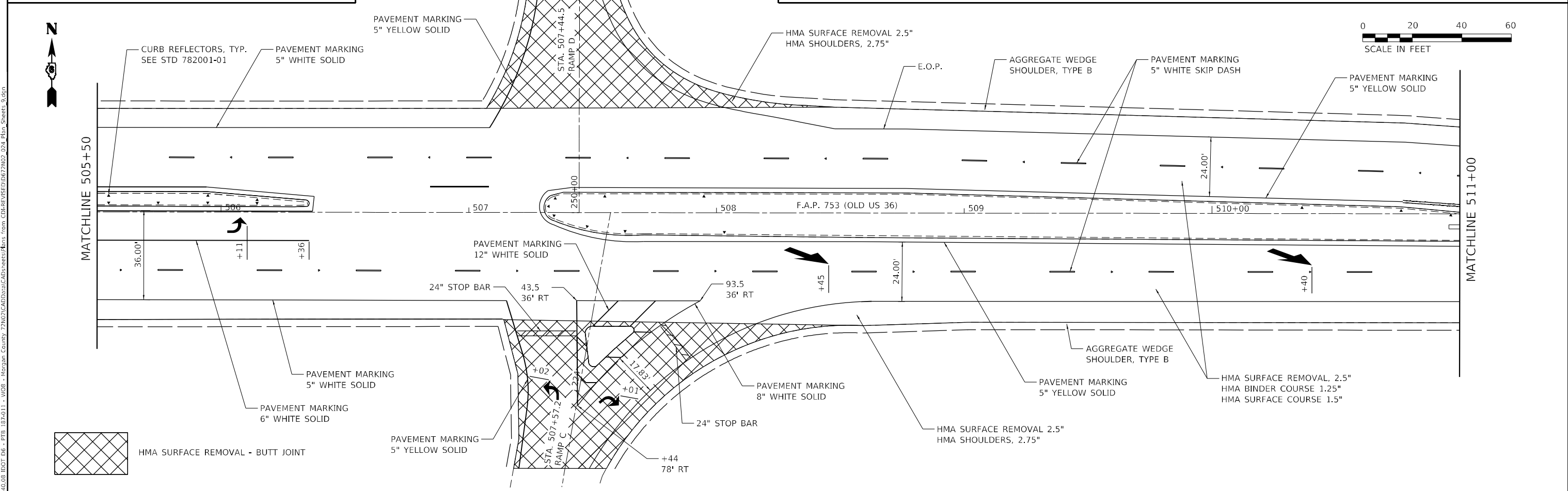
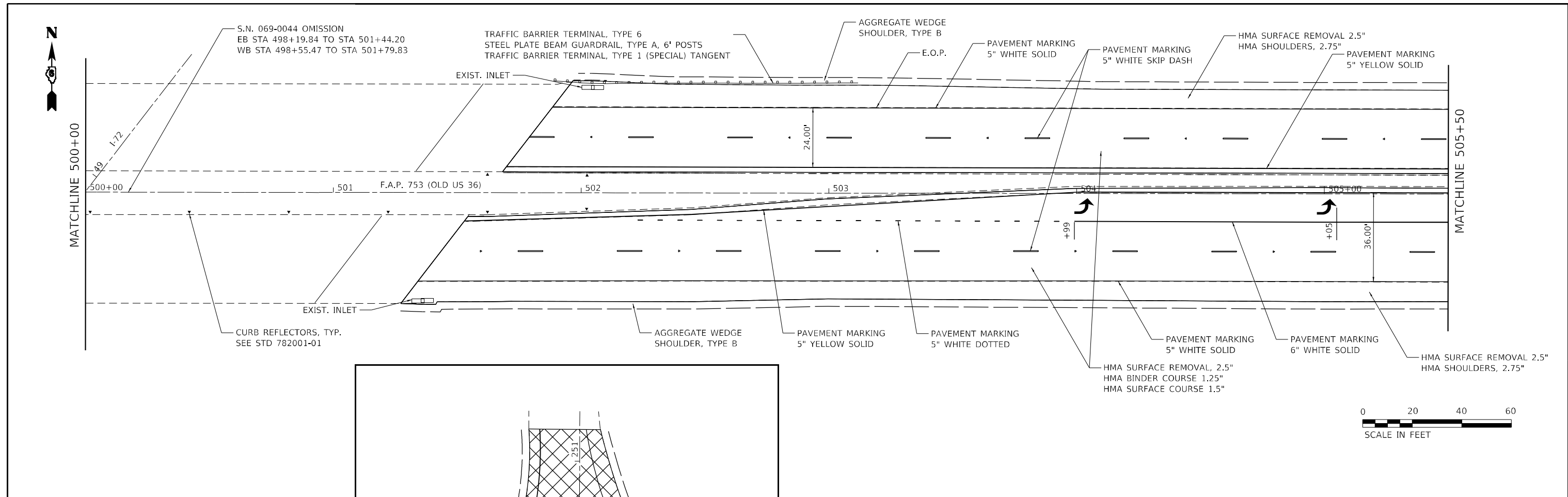
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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						753	(25)RS-10	MORGAN	32	23

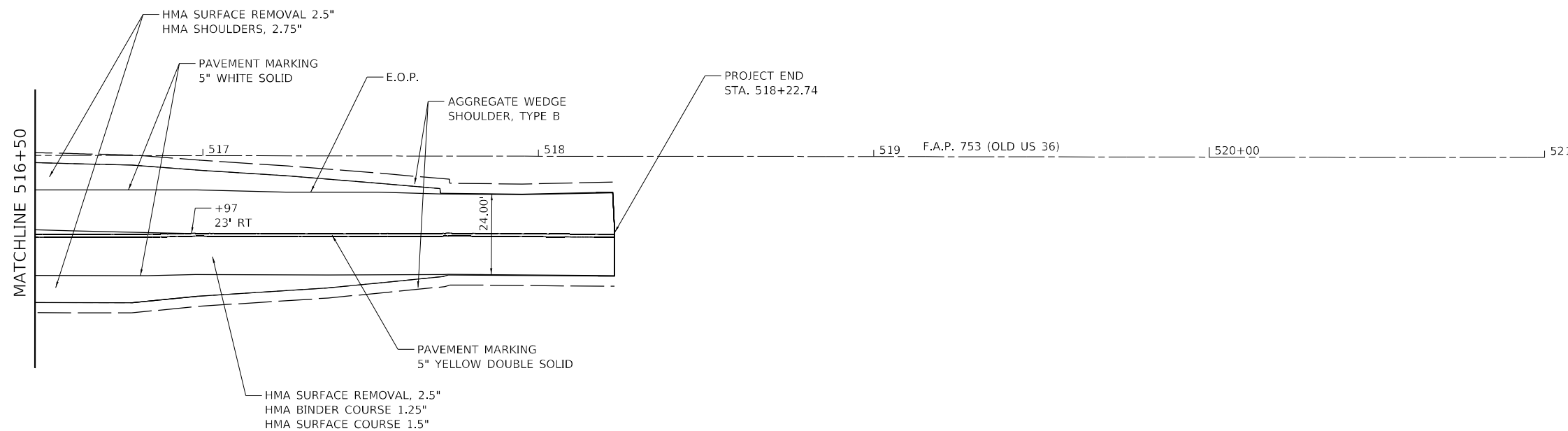
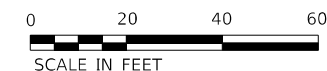
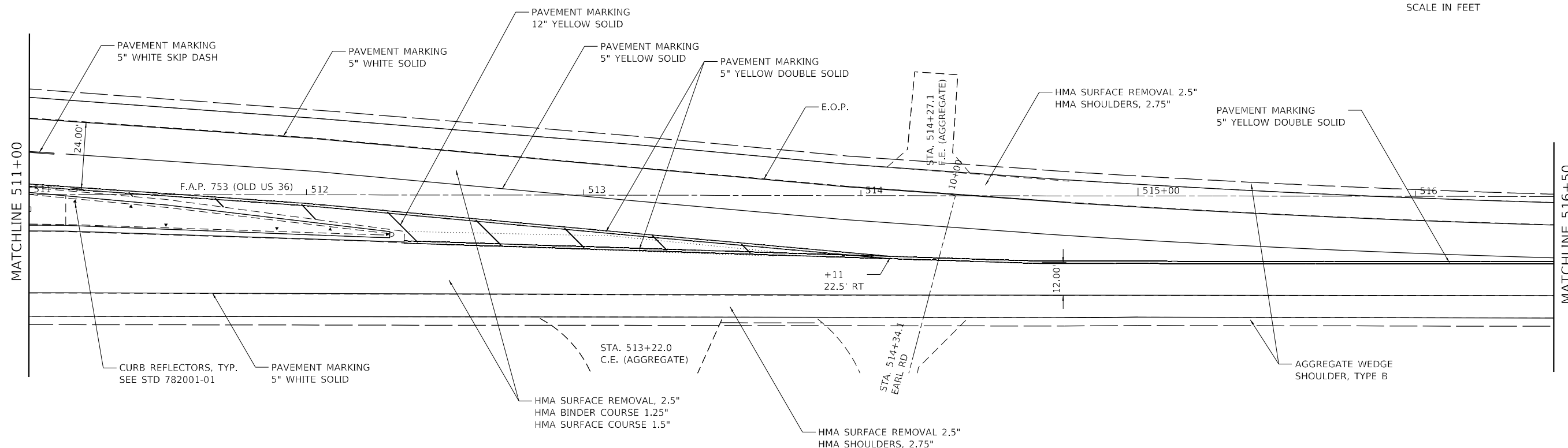
PLAN SHEETS

CONTRACT NO. 72N02		ILLINOIS	FED. AID PROJECT
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KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 100 N. 7th Street, 3rd Floor Springfield, IL 62702 Phone: 217-418-0244 Professional Design Firm No. 284-006516	USER NAME = myoung	DESIGNED - JS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE. 753	SECTION (25)RS-10	COUNTY MORGAN	TOTAL SHEETS 32	SHEET NO. 24
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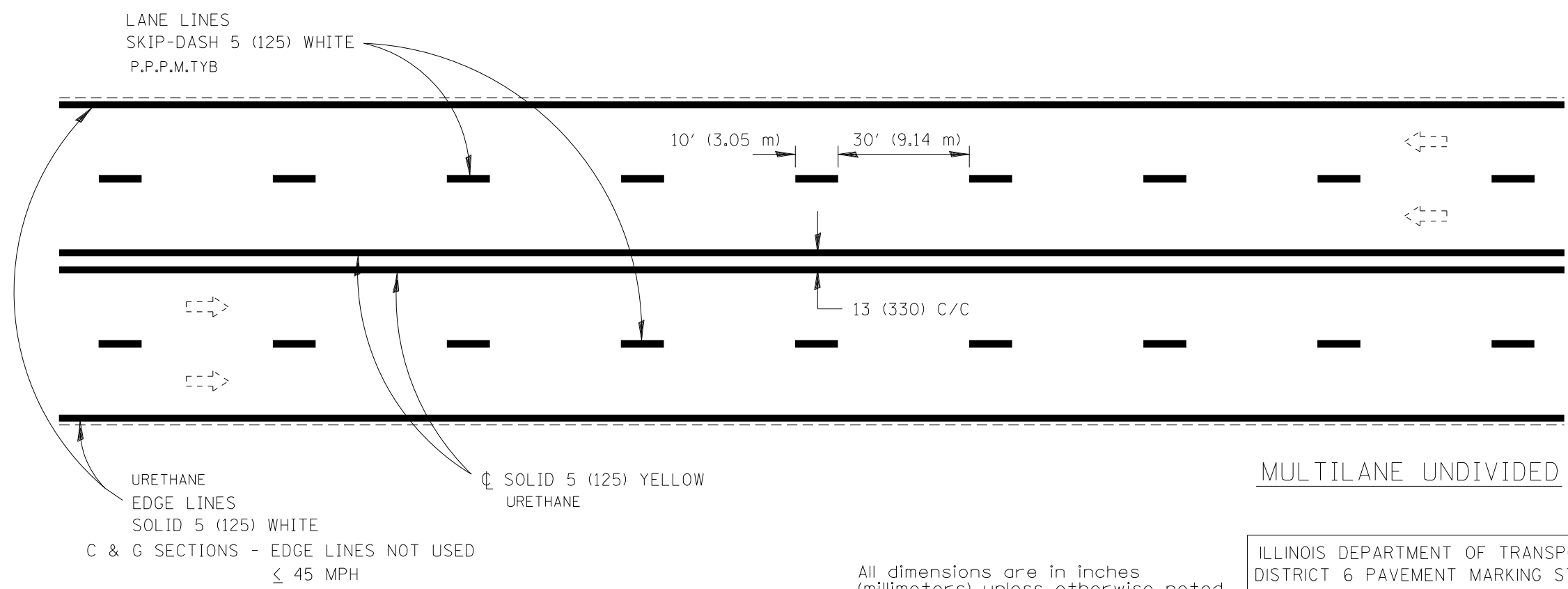
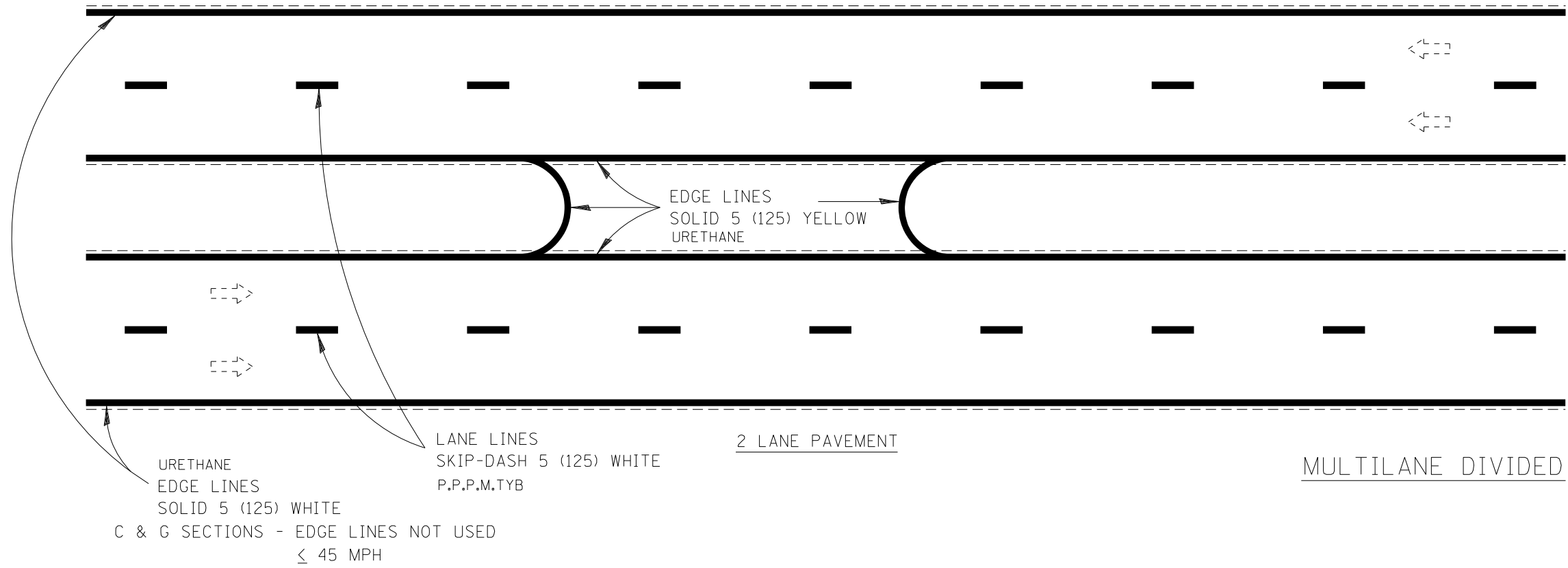
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 10 OF 10 SHEETS STA. 511+00 TO STA. 518+22.74

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	25
				CONTRACT NO. 72N02
ILLINOIS FED. AID PROJECT				



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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2016-05 NOT TO SCALE

D6PAVMRK.DGN
DCN-ONLY

MODEL DEFUNCT
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CIVIL DESIGN, INC.
WBE / DBE
EFFINGHAM, IL
LICENSE # 184.003222

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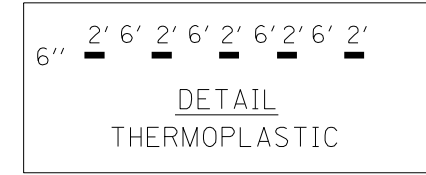
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

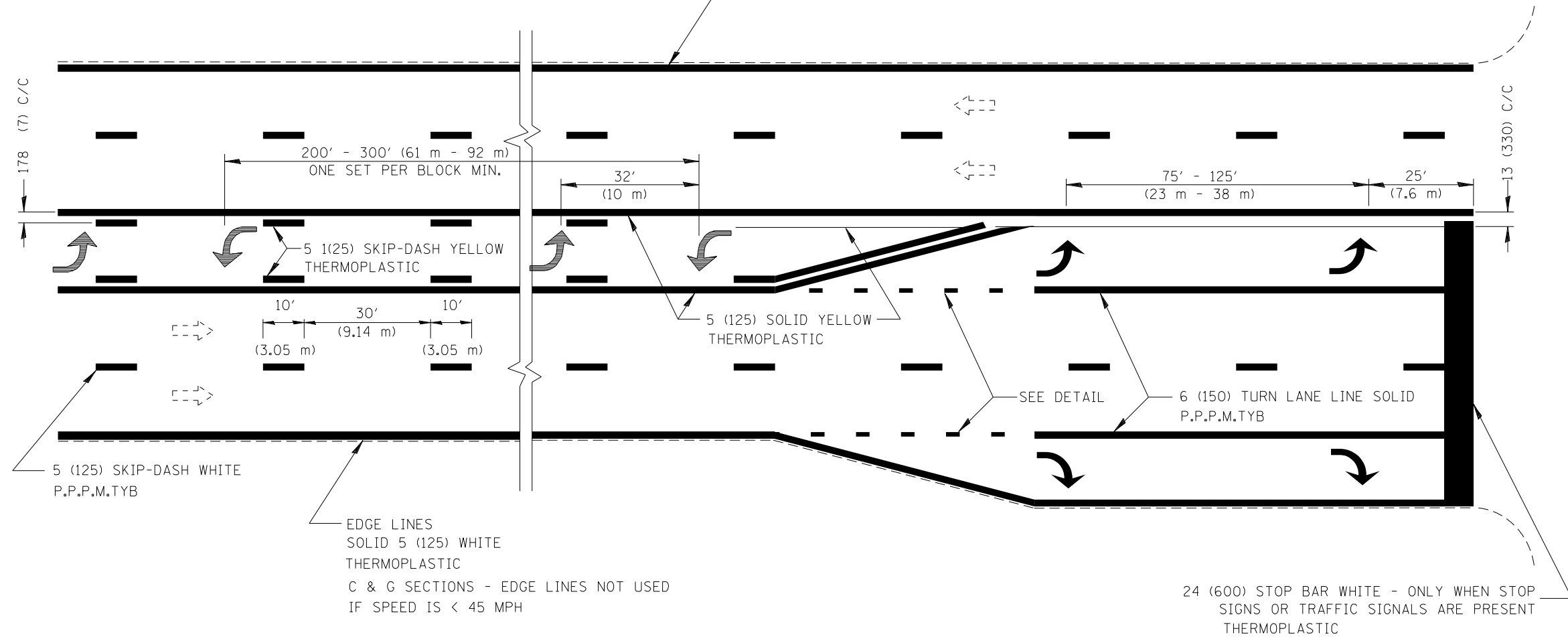
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)R5-10	MORGAN	32	26
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

MARKING TYPES ARE FOR HMA
(FOR PCC, SEE GUIDELINES)



EDGE LINES
SOLID 5 (125) WHITE
THERMOPLASTIC
C & G SECTIONS - EDGE LINES NOT USED
IF SPEED IS < 45 MPH



EDGE LINES
SOLID 5 (125) WHITE
THERMOPLASTIC
C & G SECTIONS - EDGE LINES NOT USED
IF SPEED IS < 45 MPH

24 (600) STOP BAR WHITE - ONLY WHEN STOP
SIGNS OR TRAFFIC SIGNALS ARE PRESENT
THERMOPLASTIC

ALL TURN ARROWS 8' (2.4 m)
CENTER TURN ARROWS IN PAIRS
USE LARGER ARROWS: 15.6 SQ FT (1.47 SQ m)
ALL ARROWS ARE THERMOPLASTIC

DETAIL



SINGLE TURN LANE
AND
LEFT TURN LANE CHANNELIZATION

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS

DATE 2016-05 NOT TO SCALE

MODEL DEFUNCT
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•DGN-ONLY•



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	27
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

THERMOPLASTIC < 45 MPH
 URETHANE >= 45 MPH
 EDGE LINES
 SOLID 5 (125) YELLOW

DIAGONALS
 SOLID 12 (300) YELLOW
 THERMOPLASTIC < 45 MPH
 URETHANE >= 45 MPH

THERMOPLASTIC < 45 MPH
 URETHANE >= 45 MPH
 EDGE LINES
 SOLID 5 (125) WHITE
 C & G SECTIONS - EDGE LINES NOT USED
 ≤ 45 MPH

LANE LINES
 SKIP-DASH 5 (125) WHITE
 P.P.P.M.TYB

MULTILANE DIVIDED
 FLUSH MEDIAN

15' (4.57 m) cc < 30 MPH
 20' (6.10 m) cc 30-45 MPH
 30' (9.14 m) cc > 45 MPH

200' - 300' (61 m - 92 m)
 ONE SET PER BLOCK MIN.

32' (10 m)

25' (7.6 m)

MINOR INTERSECTION

MAJOR INTERSECTION

5 (125) SOLID YELLOW
 THERMOPLASTIC

5 (125) SKIP DASH YELLOW
 THERMOPLASTIC

5 (125) SKIP DASH WHITE
 P.P.P.M.TYB

MULTILANE DIVIDED
 BI-DIRECTIONAL LANE

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 6 PAVEMENT MARKING STANDARDS

DATE 2016-05

NOT TO SCALE

D6PAVMRK.DGN
 •DGN-ONLY•

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)R5-10	MORGAN	32	28
CONTRACT NO. 72N02			ILLINOIS FED. AID PROJECT	

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 LICENSE # 184.003222

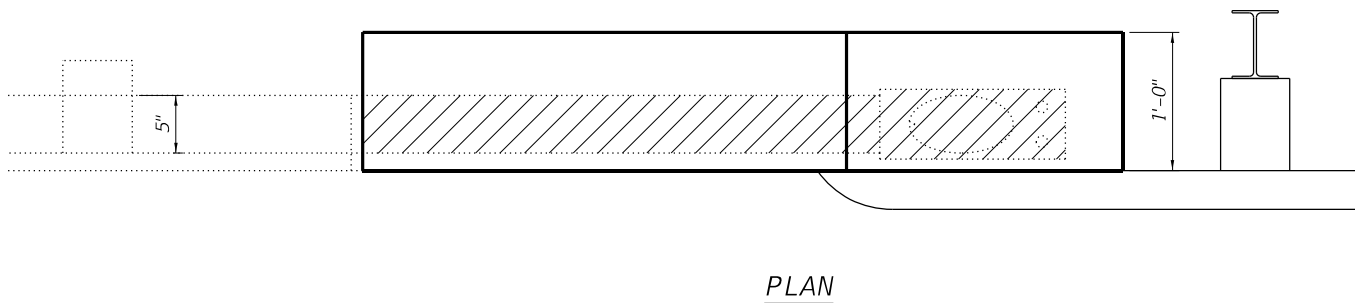
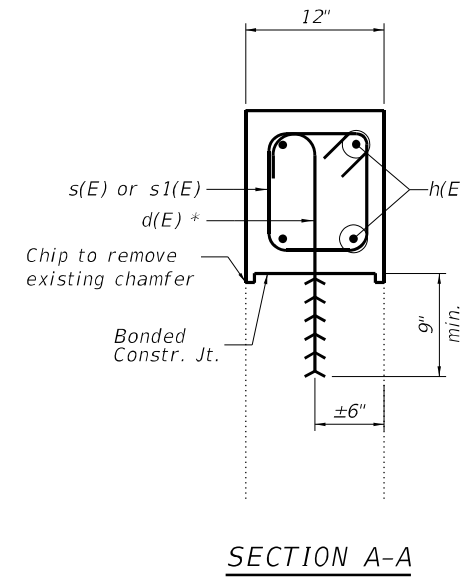
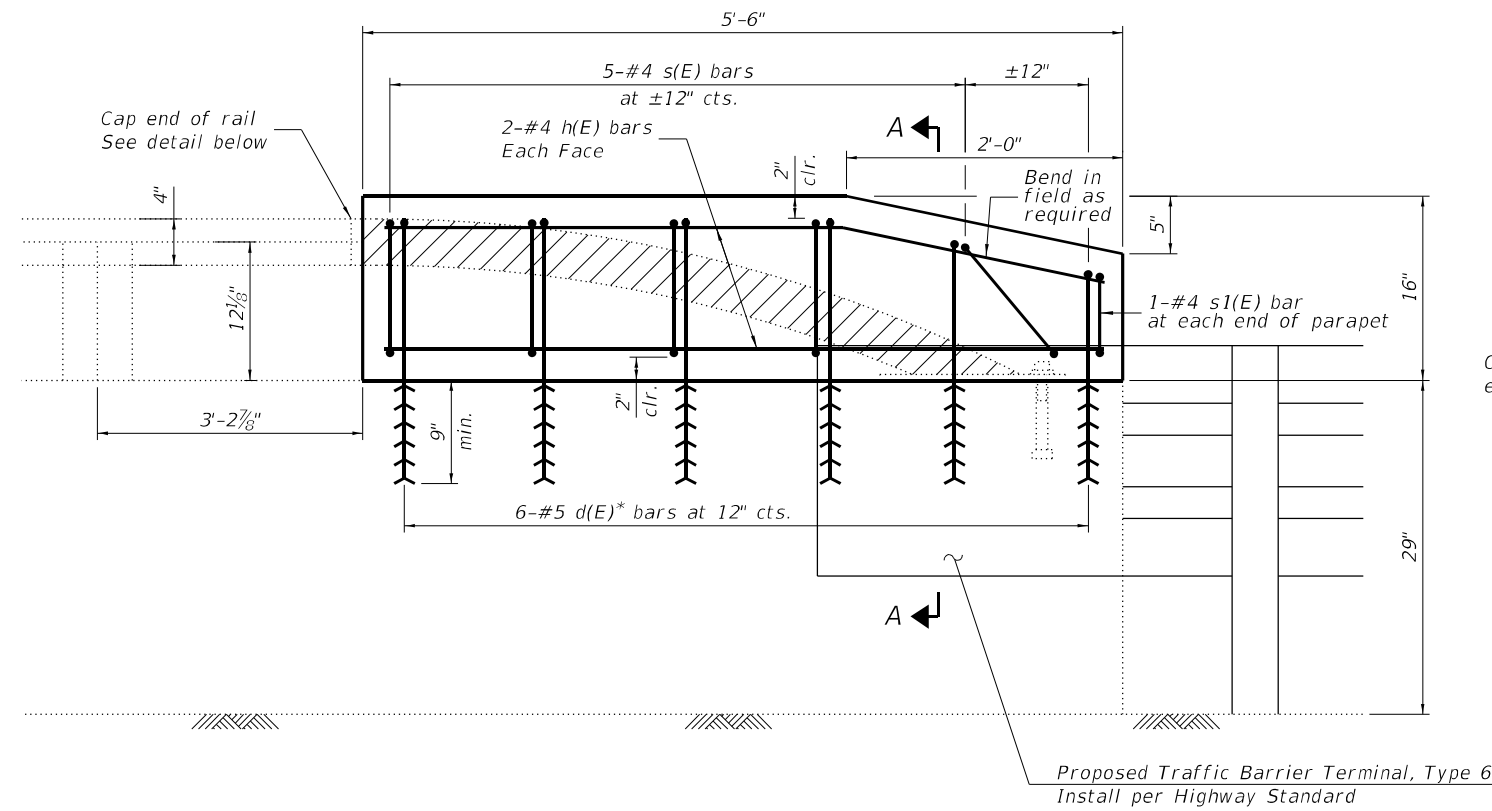
GENERAL NOTES

The parapet extension details shown on this sheet shall only be constructed on the SW & NE approach ends of the structure.

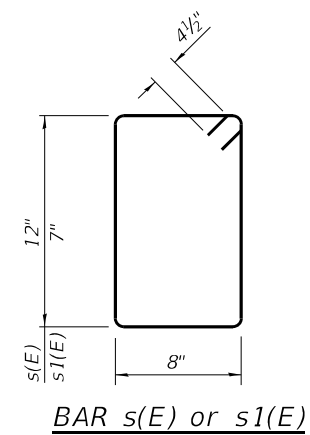
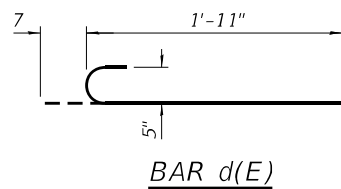
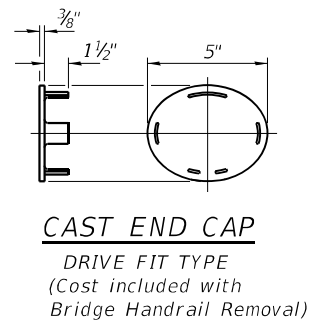
Reinforcement bars designated (E) shall be epoxy coated.

Hatched areas indicate limits of Handrail Removal. The existing handrail shall be cut short of the new concrete by 1" to allow for placement of forms.

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering materials. Such variations shall not be cause for additional compensation for a change in the scope of work. However, the contractor will be paid for the quantity actually furnished at the unit price for the work.



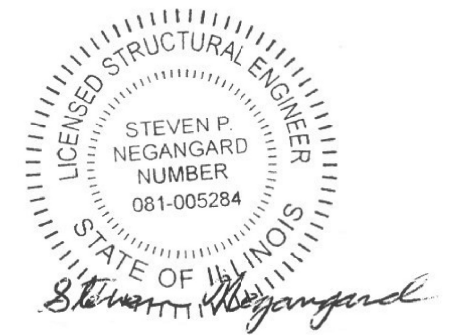
PARAPET EXTENSION DETAILS
(NE and SW corners)



BILL OF MATERIAL
2 PARAPETS (S.N. 069-0044)

Bar	No.	Size	Length	Shape
d(E)	12	#5	2'-6"	⌋
h(E)	8	#4	5'-2"	—
s(E)	10	#4	4'-1"	□
s1(E)	2	#5	3'-3"	□
Concrete Structures			Cu. Yd.	0.5
Reinforcement Bars, Epoxy Coated			Pound	90
Bridge Handrail Removal			Foot	9

* Bars designated d(E) shall be drilled and grouted into the existing concrete parapet. Epoxy grouting shall be done in accordance with Section 584 of the Standard Specifications. The cost of the epoxy grouting shall be included in the cost of Reinforcement Bars, Epoxy Coated.



DATE: _____ 20____
EXPIRES: **NOVEMBER 30** 20 **22**

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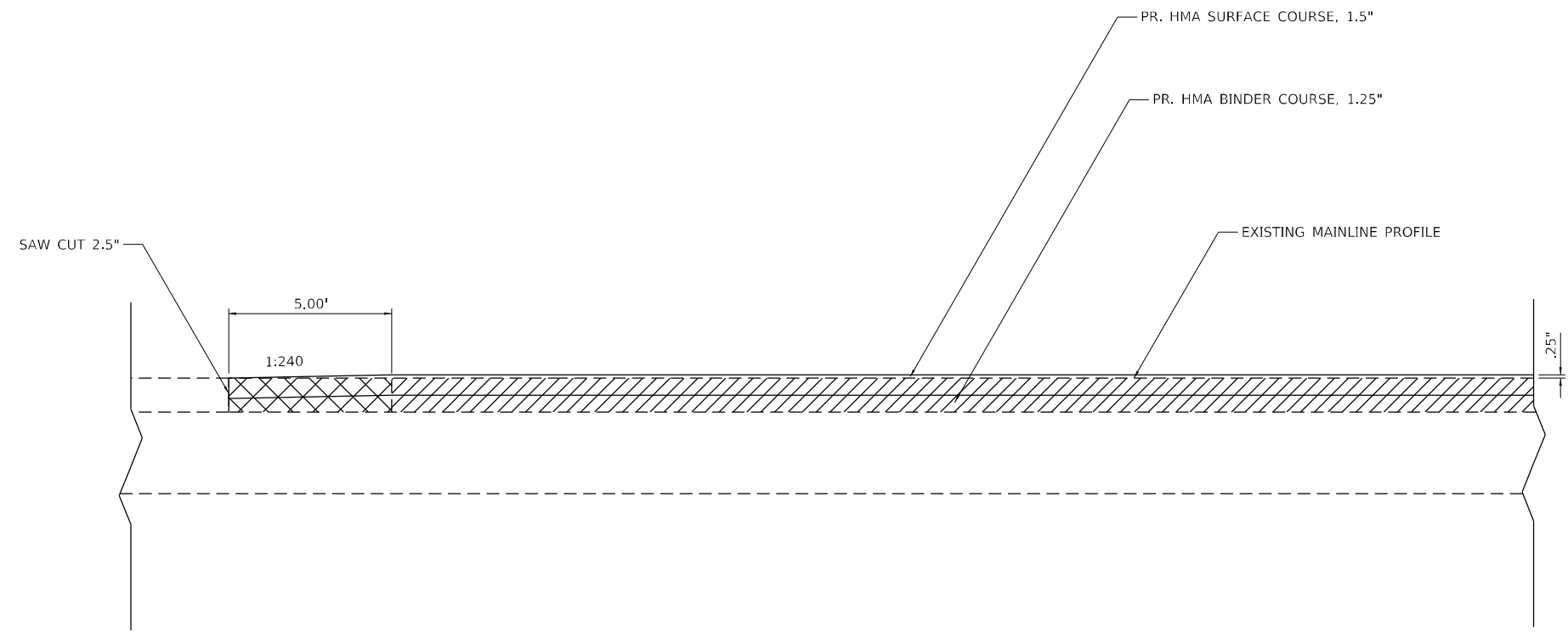
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET EXTENSION DETAILS
STRUCTURE NO. 069-0044

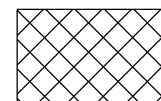
SHEET OF SHEETS

F&P RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

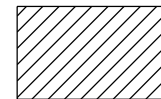
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SIDE ROAD AND ENTRANCE BUTT JOINT DETAIL



PR. HMA MILLING, BUTT JOINT



PR. HMA MILLING, 2.5"



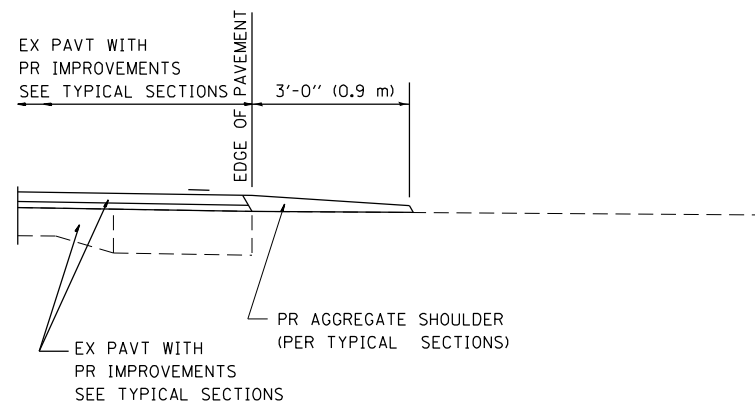
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

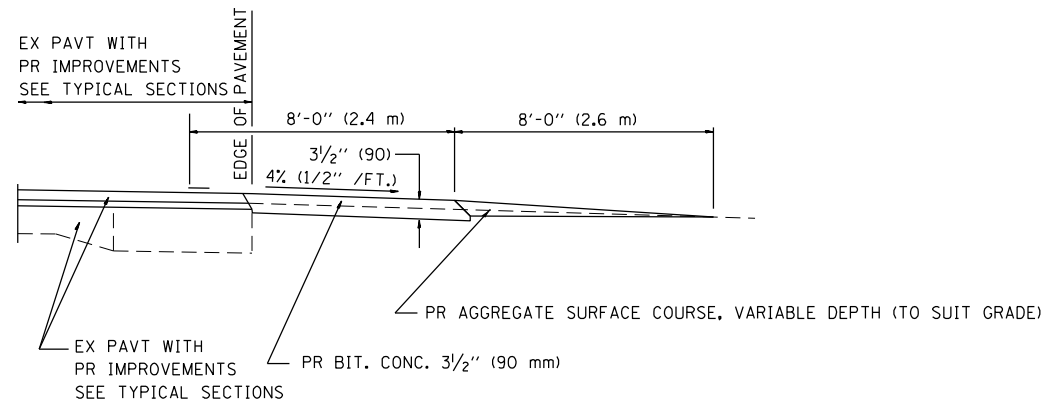
BUTT JOINT DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

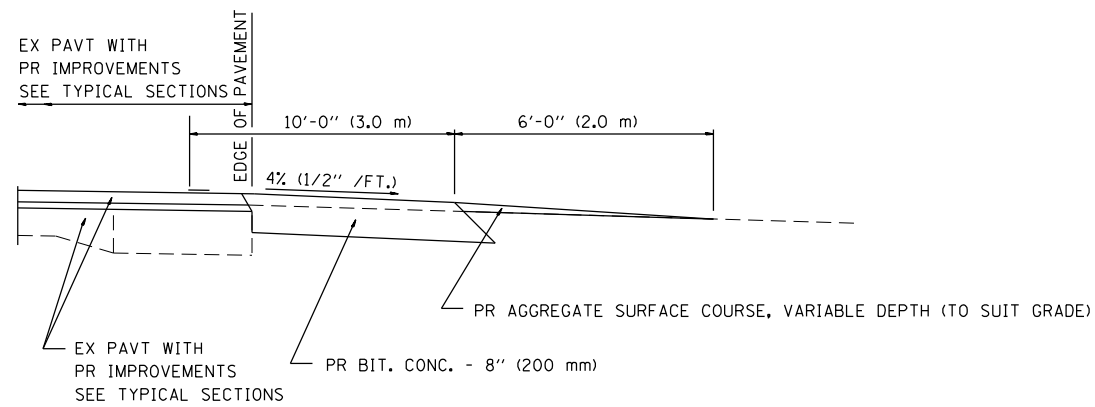
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CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				



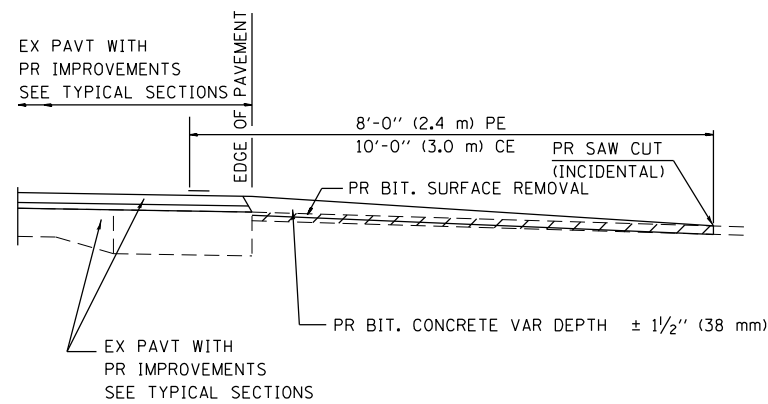
SECTION A-A FOR EX EARTH/ AGGREGATE FE



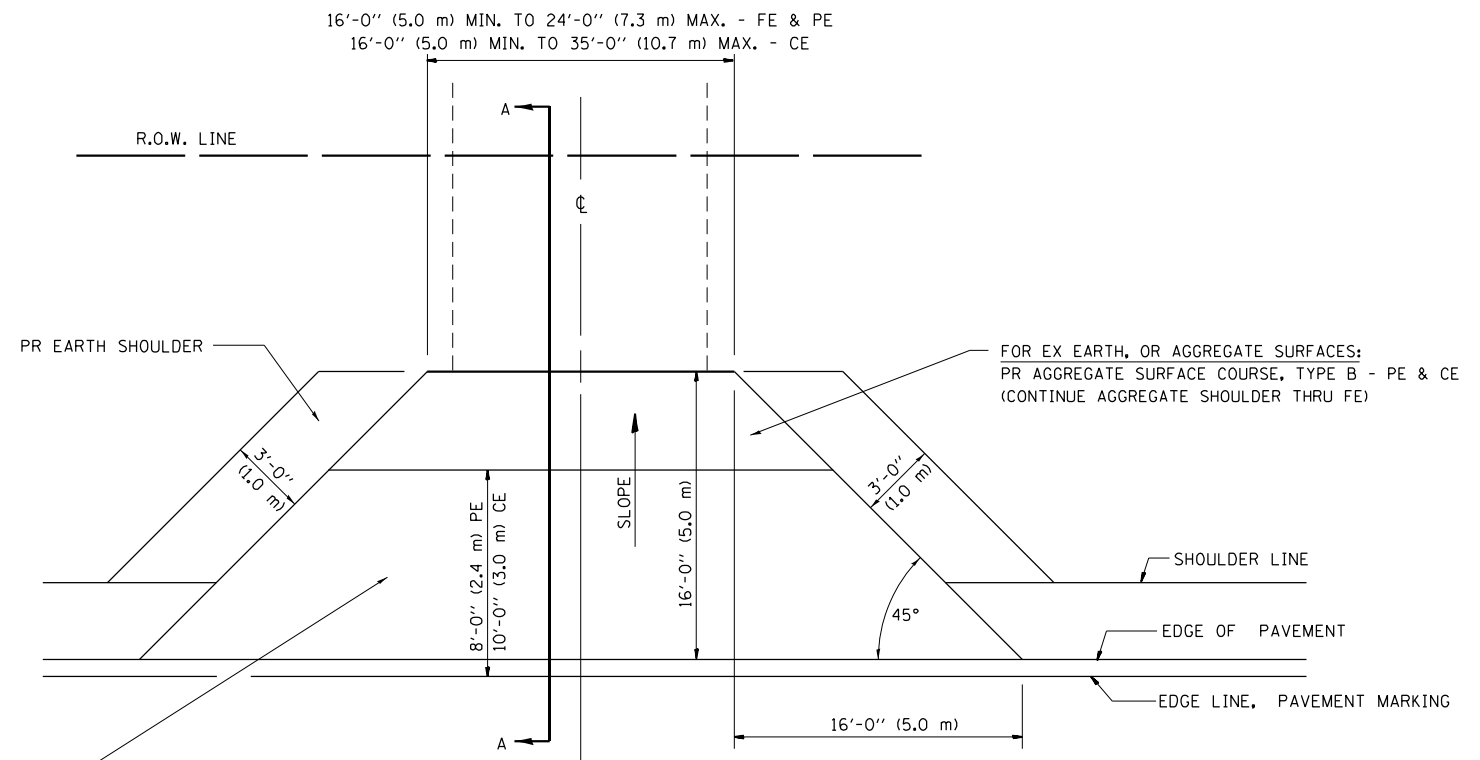
SECTION A-A FOR EX EARTH/AGGREGATE PE



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



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



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

FOR BITUMINOUS OR P.C. CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL, VARIABLE DEPTH

GENERAL NOTES:

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

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

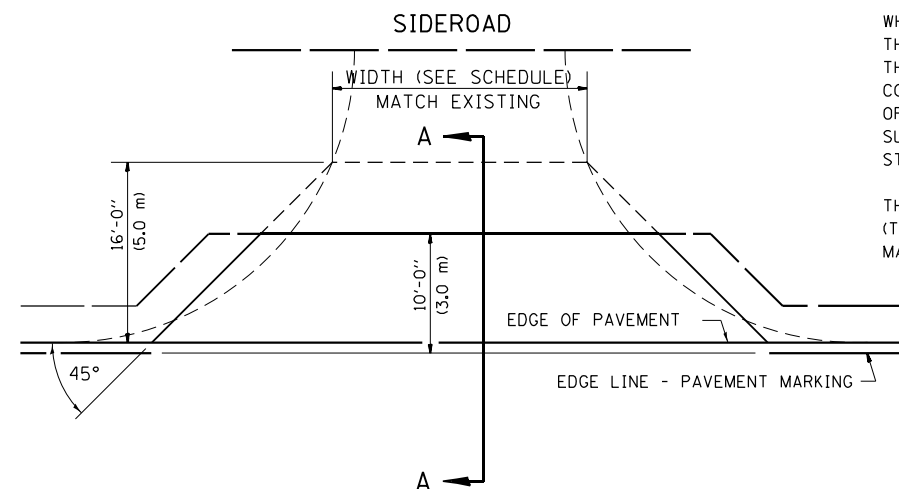
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

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

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

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METRIC TON (TON) FOR "INCIDENTAL BITUMINOUS SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

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



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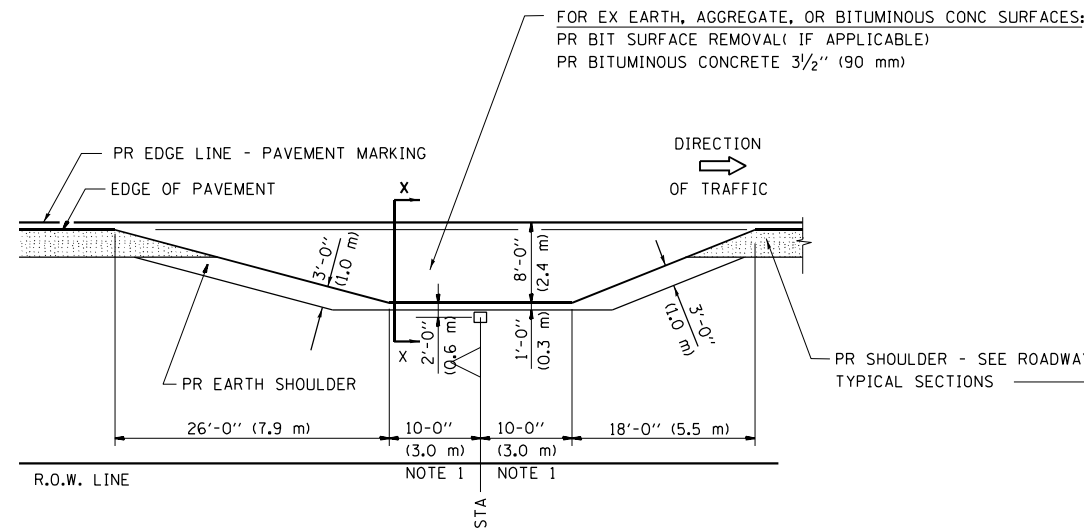
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDE ROAD DETAILS

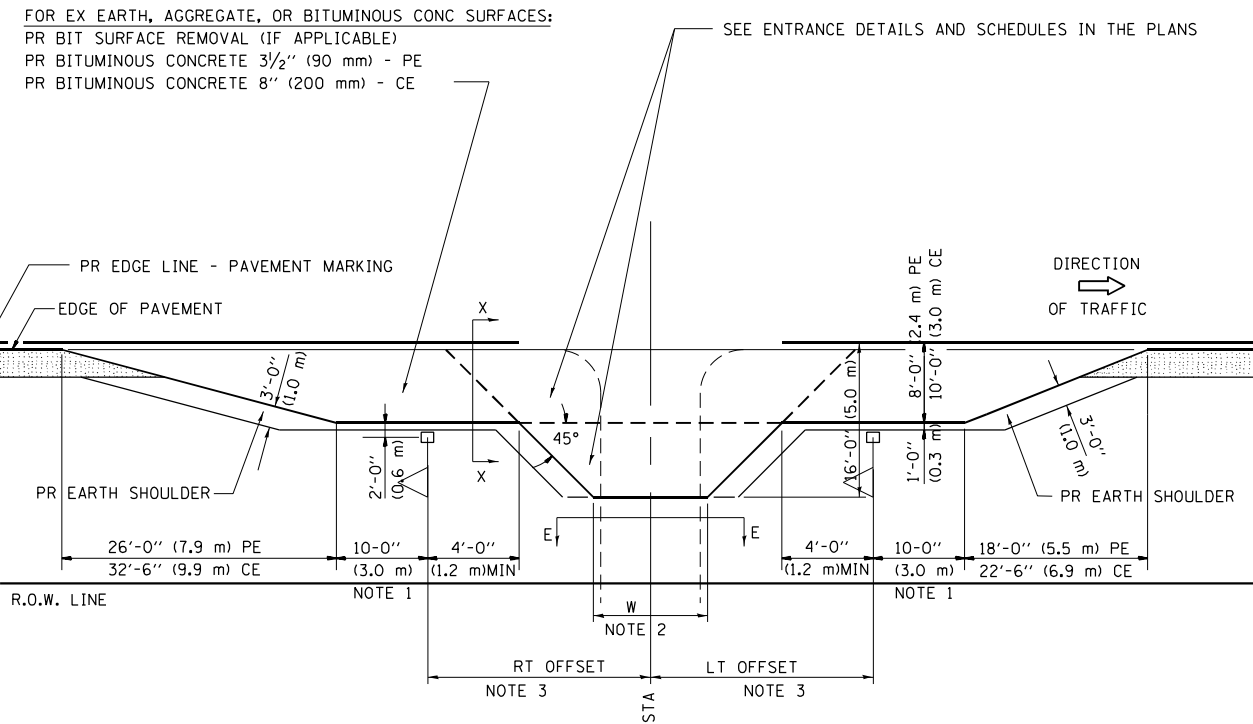
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	31
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				

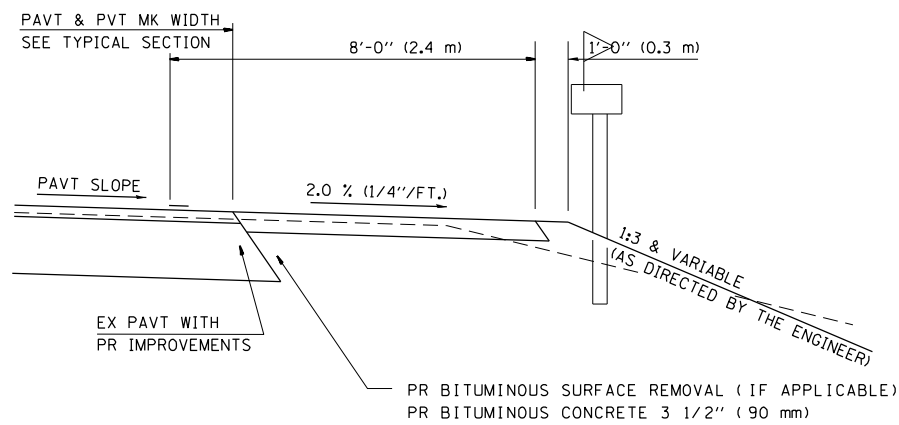
DETAILS OF MAILBOX TURNOUTS



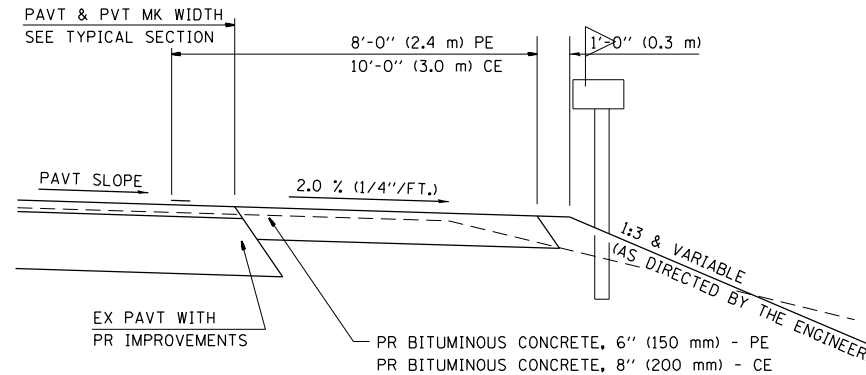
PLAN - MAILBOX TURNOUTS



PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



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



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

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ENTRANCE AND SIDE ROAD DETAILS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	(25)RS-10	MORGAN	32	32
CONTRACT NO. 72N02				
ILLINOIS FED. AID PROJECT				