

06-15-2018 LETTING ITEM 042

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-7

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2,21 RS-5		DOUGLAS	107	1
		ILLINOIS	CONTRACT NO. 70786	

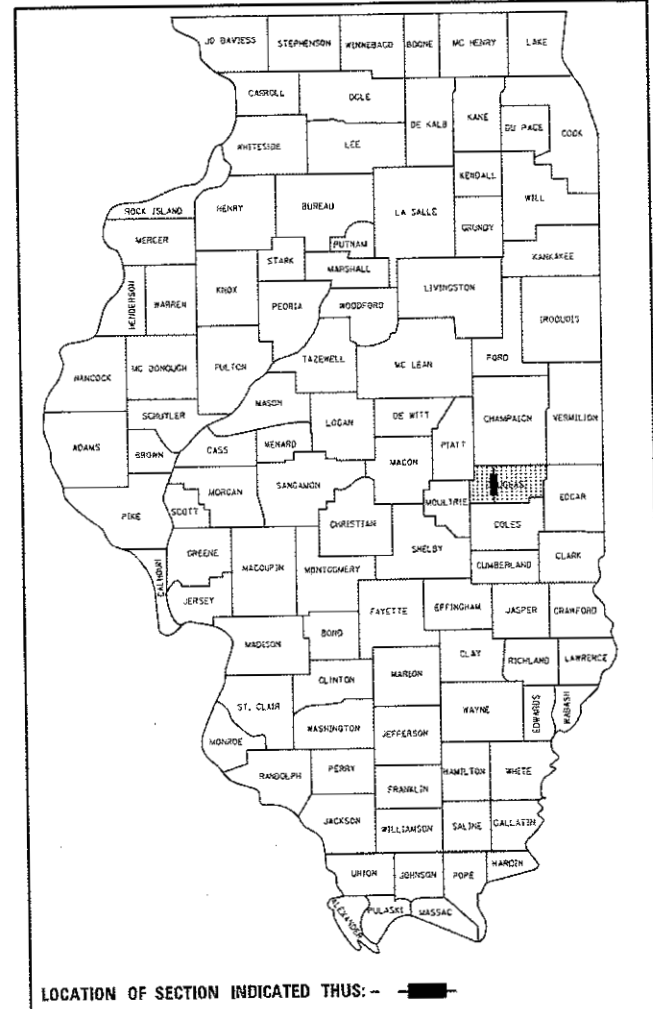
• FAP 824 & FAS 1671

D-95-026-11

CURRENT ADT (2017)				
	ADT (2017)	PV %	SU%	MU%
U.S. 36 IN TUSCOLA TO WELL HOUSE RD. IN ARCOLA	= 2,200	88.8	7.2	4.0
WELL HOUSE RD. IN ARCOLA TO ILL. 133 IN ARCOLA	= 3,450	91.3	5.8	2.9
ILL. 133 IN ARCOLA TO THE COLES COUNTY LINE.	= 2,700	88.1	7.9	4.0

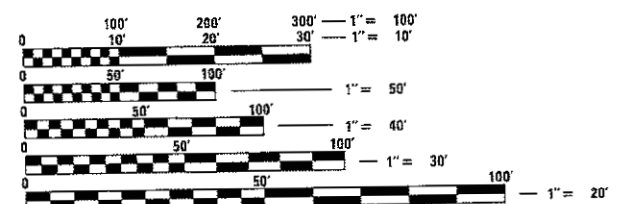
FAP ROUTE 824 & FAS 1671 / (U.S. 45)
SECTION: (20 RS-4)(21X)RS-2,21 RS-5
PROJECT: STP-GLF9(811)
RESURFACING (3P)
DOUGLAS COUNTY

C-95-026-11
U.S. 36 AT TUSCOLA TO COLES COUNTY LINE



DESIGN DESIGNATION
COLES CO. LINE TO IL 133 - MINOR ARTERIAL
IL 133 TO U.S. 36 - MAJOR COLLECTOR

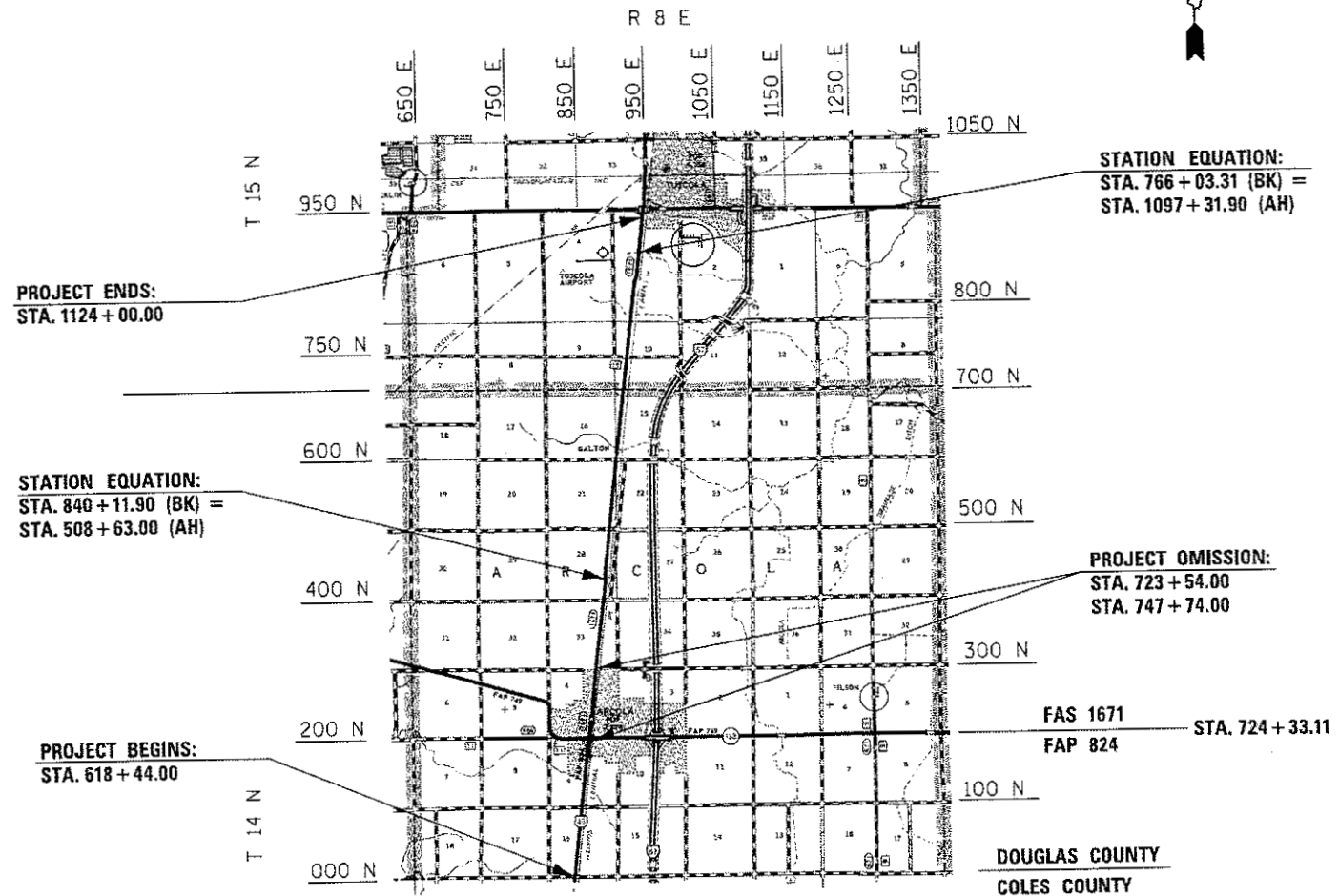
TOWNSHIPS
TUSCOLA & ARCOLA



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: JASON STULTS
SQUAD LEADER: GREG EAGLIN
DESIGNER: CARL BAKER
PHONE NUMBER: (217)-466-4181
CONTRACT NO. 70786



SCALE
GROSS LENGTH = 48,156.31 FT. = 9.120 MILES
NET LENGTH = 48,156.31 FT. = 9.120 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 22, 2018
Kensil A. Bearett
REGION THREE ENGINEER

May 11, 2018
Carl Baker
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2018
Paul P. Chif
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS / LISTS OF HIGHWAY STANDARDS
3	GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
8-14	EXISTING AND PROPOSED TYPICALS
15-22	SCHEDULE OF QUANTITIES
23-26	TIE POINTS & BENCHMARKS
27-89	PLAN SHEETS
90-91	GUARDRAIL LAYOUT
92-95	PAVEMENT MARKING DETAILS
96-97	SIDERoads & SIDESTREETS (RURAL)
98-99	FIELD ENTRANCES (NONCOMMERCIAL RURAL)
100	MAILBOX TURNOUT (RURAL)
101-102	PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)
103-106	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
107	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

LIST OF HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-08	CLASS B PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006	SHOULDER RUMPLE STRIPS, 8 IN.
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W DAY ONLY FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE 2L 2W MOVING OPERATIONS-DAY ONLY
701901-07	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

* FAP 824 & FAS 1671

FILE NAME :	USER NAME : BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS LIST OF HIGHWAY STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11884EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\057	DRAWN Data\Besign\0570766-shi-ganno	CHECKED -	REVISED -			•	(20 RS-4)(21)RS-2,21 RS-5	DOUGLAS	107	2	
PLOT SCALE = 40.0000' / in.	DATE -	REVISED -	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 70786			
PLOT DATE = 3/22/2018	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND / OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM ON 1988. (NAVD)

G.N.-107.37
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/ OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N. -406H
MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

GN 406H Mixture Requirements Contract: 70786

Location	US 45	US 45	US 45
Mixture Use	Polymerized F.G. Level Binder	Polymerized Surface	Incidental & HMA shldrs.
AC/PG	SBS PG 64-28	SBS PG 64-28	PG 64-22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5 FG	IL 9.5	IL 9.5
Friction Aggregate	Mix C	Mix C	Mix C
Mixture Weight	112	112	112
Quality Management Program	QCP	QCP	QC/QA
Sublot Size	1000	1000	N.A.

G.N.-442B -- PATCHING SCHEDULES

THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OR SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND / OR PLACING BITUMINOUS MATERIAL (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING, SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAIL IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS, AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

COMMITMENTS

NO COMMITMENTS

* FAP 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill094EB10\INTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\05786\Drawn\05786-shl-gennote.dwg	DESIGNED BY -	REVISED BY -	REVISED BY -			•	(20 RS-4)(21XRS-2,21 RS-5)	DOUGLAS	107	3	
PLOT SCALE = 40.0000' / 1".	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 70786					
PLOT DATE = 3/22/2018	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.	

SUMMARY OF QUANTITIES

LOCATION OF WORK				FAP 824 (US 45)	FAS 1671 (U. S. 45)
				DOUGLAS COUNTY	DOUGLAS COUNTY
				STA. 618+44.00	STA. 747+74.00
				STA. 723+54.00	STA. 1124+00.00
				RURAL 2-LANE	RURAL 2-LANE
FUNDING BREAKOUT				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
CONSTRUCTION TYPE CODE				0005	0005
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
44201299	DOWEL BARS 1 1/2"	EACH	2050.0	910.0	1140.0
44213200	SAW CUTS	FOOT	4636.0	2190.0	2446.0
44213204	TIE BARS 3/4"	EACH	118.0	52.0	66.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1391.0	605.0	786.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	134.0	0.0	134.0
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	112.5	0.0	112.5
63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	150.0	0.0	150.0
63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	37.5	0.0	37.5
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6.0	0.0	6.0
63200310	GUARDRAIL REMOVAL	FOOT	600.0	0.0	600.0
64200108	SHOULDER RUMPLE STRIPS, 8 INCH	FOOT	68388.0	0.0	68388.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0	1.0	4.0
67100100	MOBILIZATION	L SUM	1.0	0.2	0.8
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.2	0.8

* SPECIALTY ITEM

* FAP 824 & FAS 1671

14

SUMMARY OF QUANTITIES

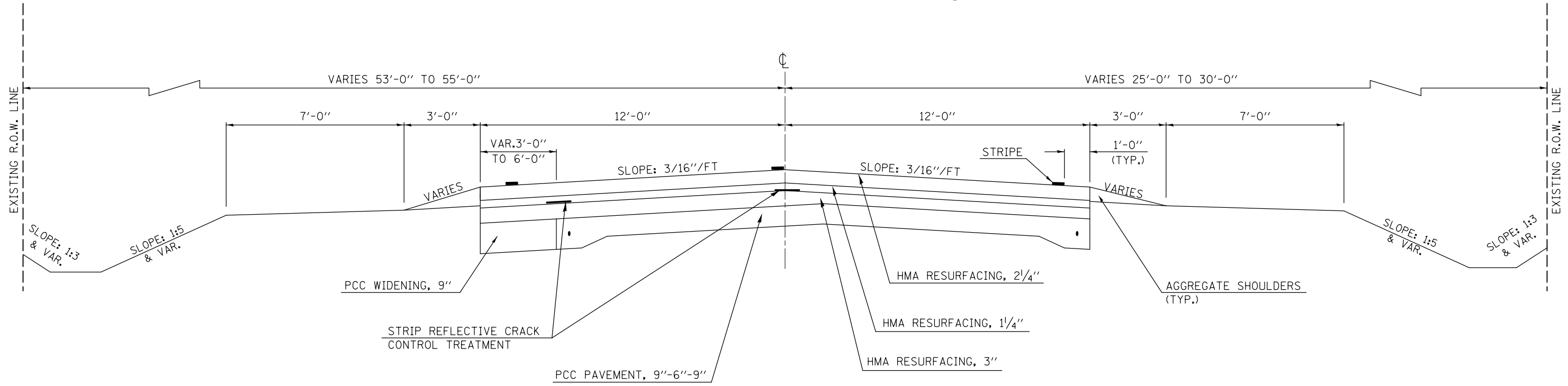
LOCATION OF WORK				FAP 824 (US 45)	FAS 1671 (U.S. 45)
				DOUGLAS COUNTY	DOUGLAS COUNTY
				STA. 618+44.00	STA. 747+74.00
				STA. 723+54.00	STA. 1124+00.00
				RURAL 2-LANE	RURAL 2-LANE
FUNDING BREAKOUT					
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
CONSTRUCTION TYPE CODE				0005	0005
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
78200005	GUARDRAIL REFLECTOR TYPE A	EACH	12.0	0.0	12.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	680.0	132.0	548.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL	SQ YD	1485.0	738.0	747.0
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	188.0	0.0	188.0
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	7158.0	0.0	7158.0
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	108.0	0.0	108.0
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	209.0	0.0	209.0
XZ193400	SURVEY MARKER TYPE 2 (SPECIAL)	EACH	26.0	3.0	23.0
Z0013788	CONSTRUCTION LAYOUT	L SUM	1.0	0.2	0.8

a * SPECIALTY ITEM

* FAP 824 & FAS 1671

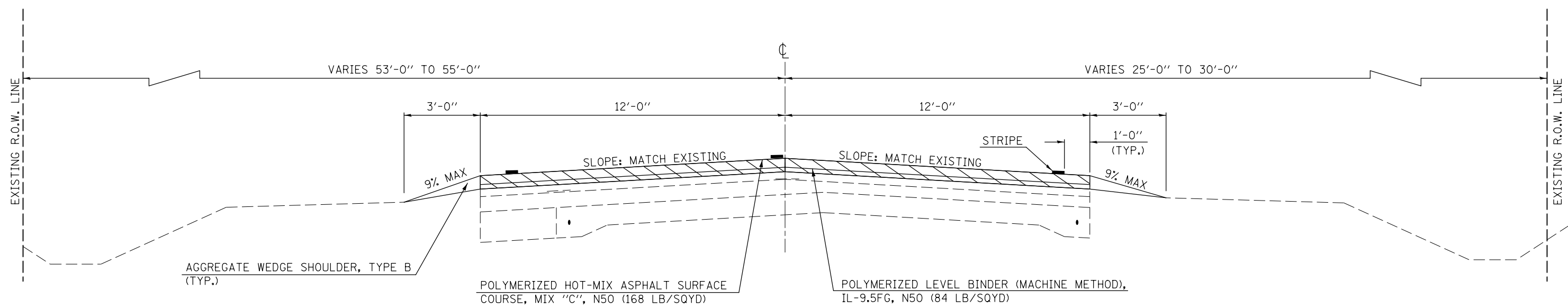
(A) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
618+44.00 TO 702+00.00 (B)



(1) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
618+44.00 TO 702+00.00 (2)



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

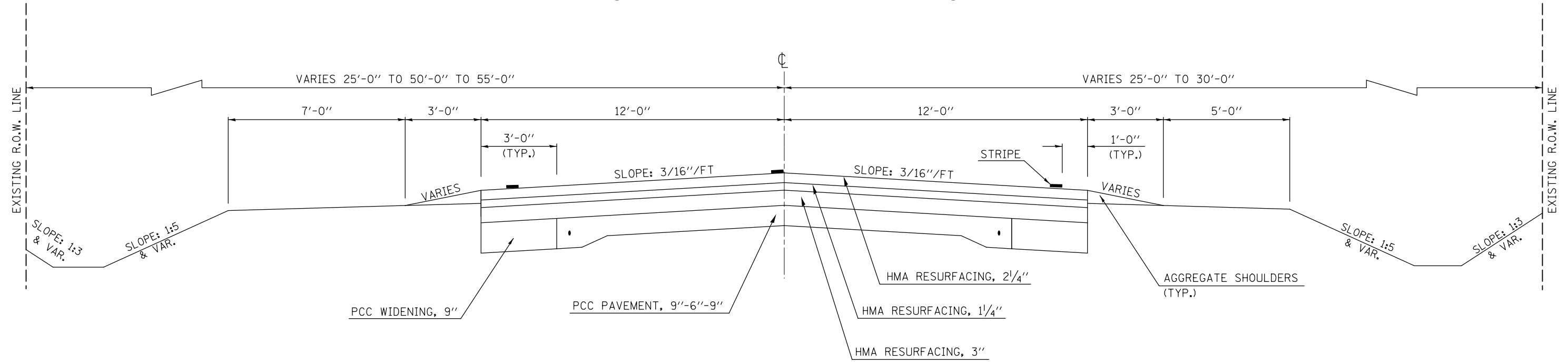
• FAS 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\DRAWING\Design\057786-sh-typical.dwg								SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.			• (20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS
PLOT SCALE = 40.0000' / in.					CHECKED -			CONTRACT NO. 70786				
PLOT DATE = 3/22/2018					DATE -			ILLINOIS FED. AID PROJECT				

(B) EXISTING TYPICAL CROSS SECTION

PROJECT OMISSION:
STA. 723+54.00 TO STA. 747+74.00

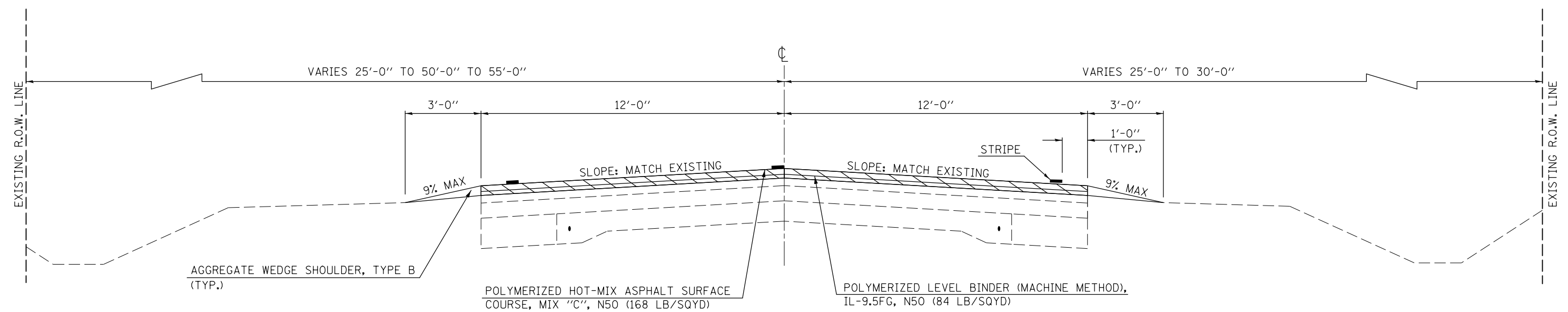
STATION TO STATION
(A) 702+00.00 723+54.00 (C)



(2) PROPOSED TYPICAL CROSS SECTION

PROJECT OMISSION:
STA. 723+54.00 TO STA. 747+74.00

STATION TO STATION
(1) 702+00.00 723+54.00 (3)



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

* FAS 824 & FAS 1671

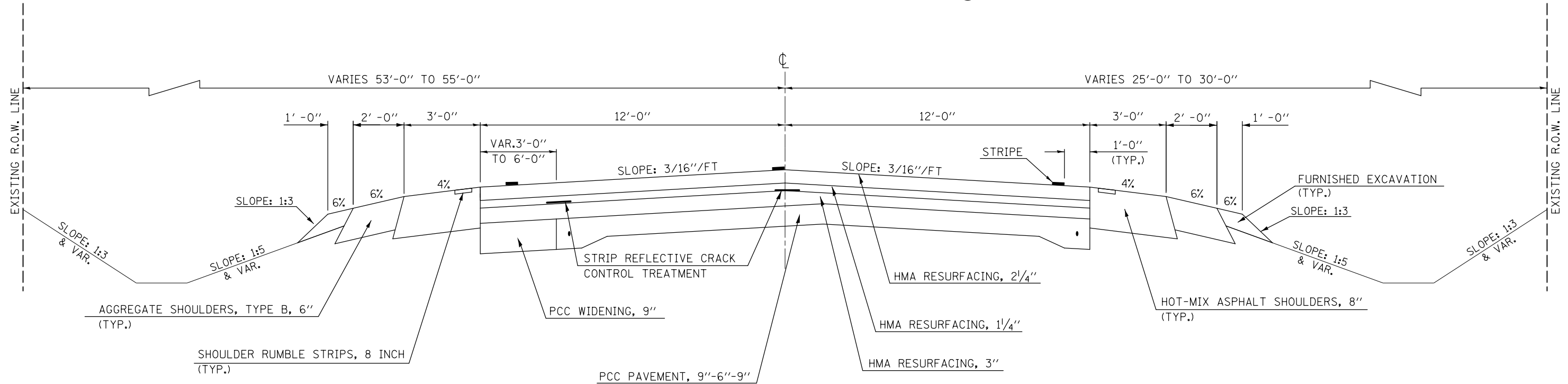
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/22/2018	DATE -	REVISED -	REVISED -		SCALE:	SHEET 2 OF 7 SHEETS	STA.	TO STA.				

C EXISTING TYPICAL CROSS SECTION

PROJECT OMISSION:
STA. 723+54.00 TO STA. 747+74.00

STATION EQUATION:
840+11.90 (BK) = 508+63.00 (AH)

STATION TO STATION
B 747+74.00 TO 840+11.90 (BK) D

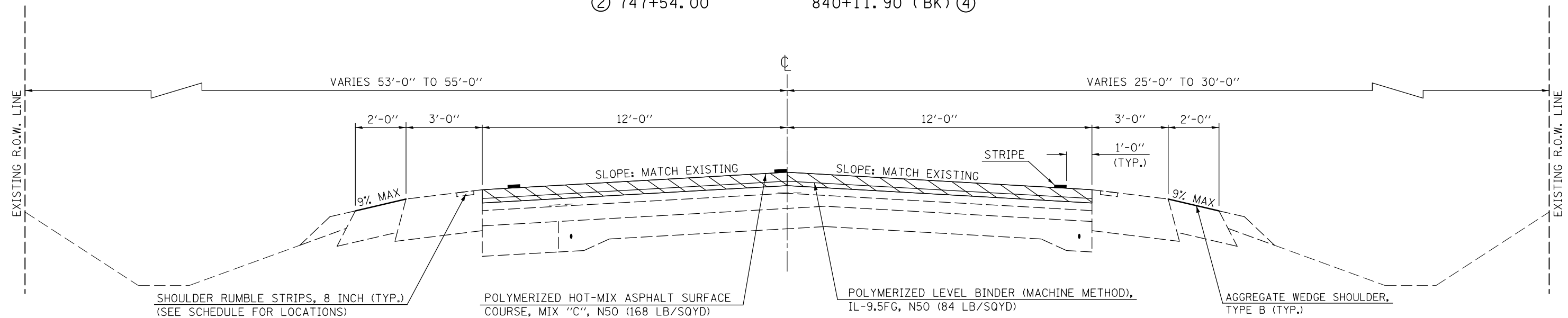


3 PROPOSED TYPICAL CROSS SECTION

PROJECT OMISSION:
STA. 723+54.00 TO STA. 747+74.00

STATION EQUATION:
840+11.90 (BK) = 508+63.00 (AH)

STATION TO STATION
2 747+54.00 TO 840+11.90 (BK) 4



HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

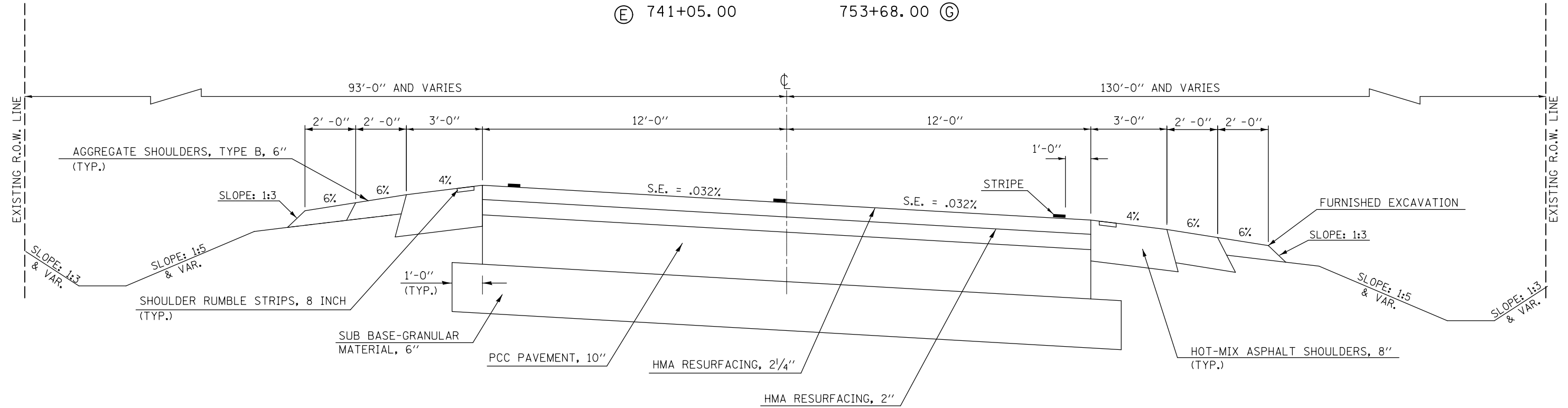
* FAS 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\Drawings\Design\0570786-shr-typical.dwg	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					•	(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	10
PLotted DATE = 3/22/2018	DATE -	REVISED -	REVISED -		SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.			CONTRACT NO. 70786				
										ILLINOIS FED. AID PROJECT		

(D) EXISTING TYPICAL CROSS SECTION

STATION EQUATION:
840+11.90 (BK) = 508+63.00 (AH)

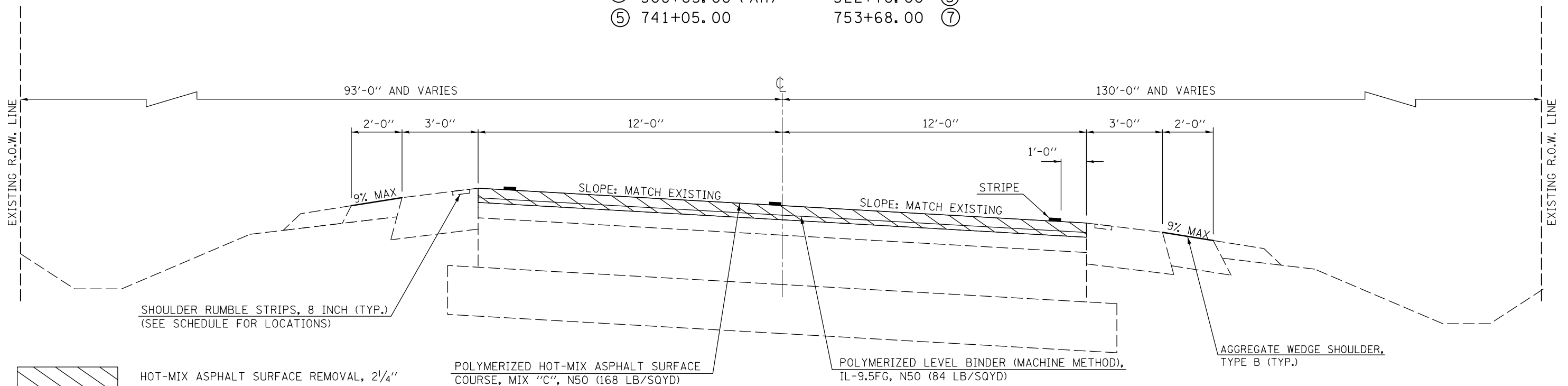
STATION	TO	STATION
(C) 508+63.00 (AH)		(E) 522+78.00
(E) 741+05.00		(G) 753+68.00



(4) PROPOSED TYPICAL CROSS SECTION

STATION EQUATION:
840+11.90 (BK) = 508+63.00 (AH)

STATION	TO	STATION
(3) 508+63.00 (AH)		(5) 522+78.00
(5) 741+05.00		(7) 753+68.00

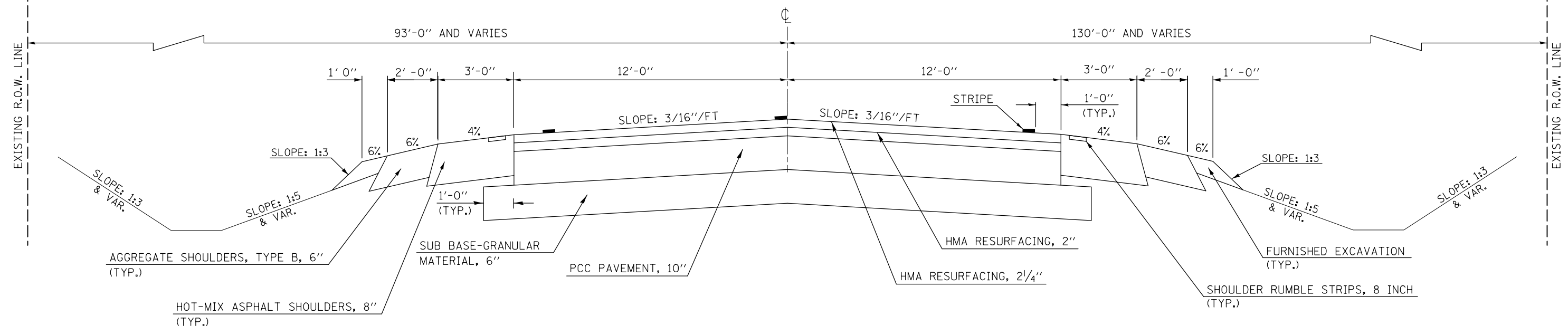


* FAS 824 & FAS 1671

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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -	DATE -		SCALE:	SHEET 4 OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
PLOT DATE = 3/22/2018	DATE -								CONTRACT NO. 70786	

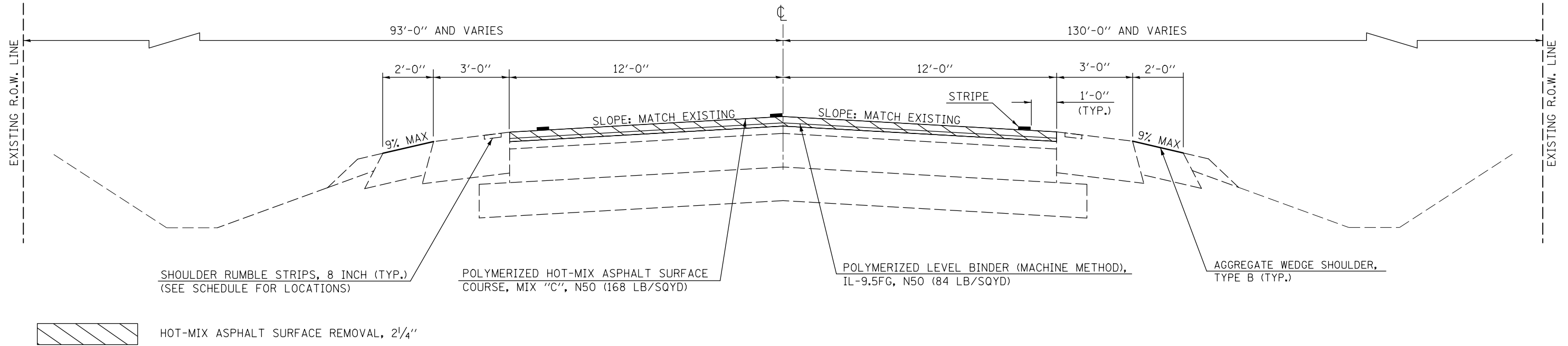
E EXISTING TYPICAL CROSS SECTION

	STATION	TO	STATION
(D)	522+78.00		597+30.18 (F)
(F)	615+12.01		741+05.00 (D)



5 PROPOSED TYPICAL CROSS SECTION

	STATION	TO	STATION
(4)	522+78.00		597+30.18 (6)
(6)	615+12.01		741+05.00 (4)



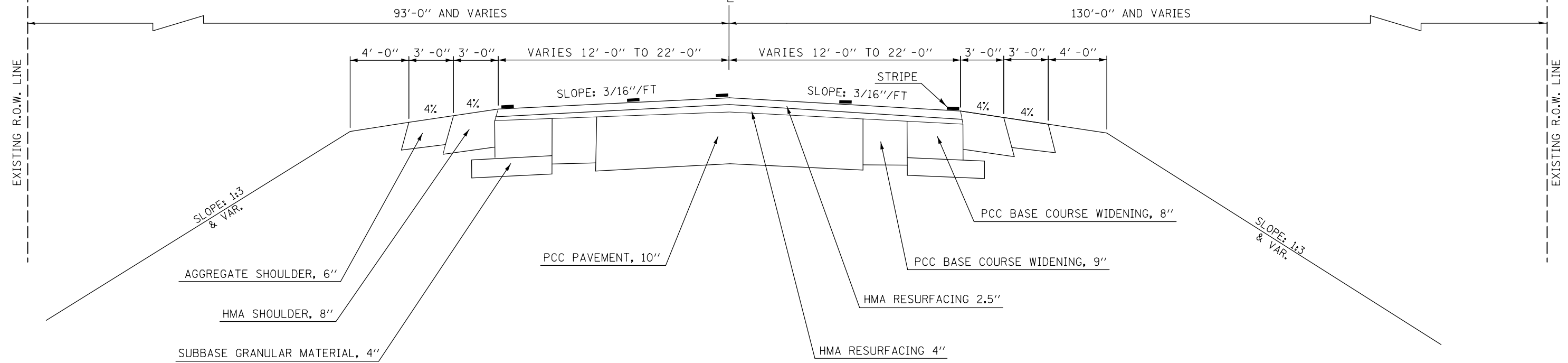
HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

* FAS 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579\0786-shr-typical.dwg		DRAWN -	REVISED -		SCALE:	SHEET 5 OF 7 SHEETS	STA.	TO STA.	(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	12
		CHECKED -	REVISED -		CONTRACT NO. 70786							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

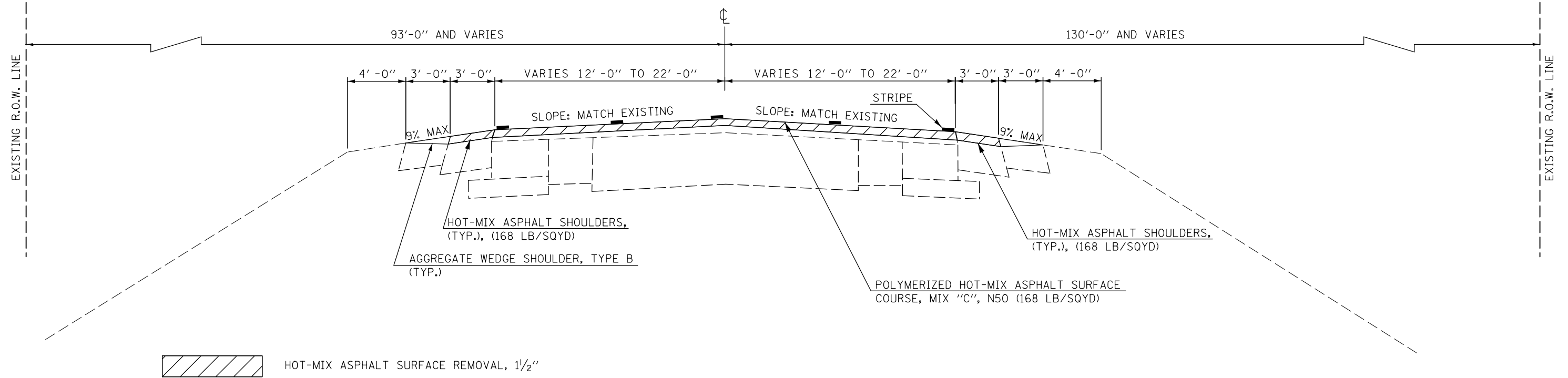
F EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 (E) 597+30.18 TO 615+12.01 (E)



6 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (5) 597+30.18 TO 615+12.01 (5)



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

* FAS 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\Drawings\Design\0570786-shr-typical.dwg		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/22/2018	DATE -	REVISED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2,21 RS-5		DOUGLAS	107	13
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

CLASS B PATCHING				44201031 CLASS B PATCHES TYPE II, 15" (SQ YD)	44201035 CLASS B PATCHES TYPE III, 15" (SQ YD)	44201037 CLASS B PATCHES TYPE IV, 15" (SQ YD)	44201299 DOWEL BARS 1-1/2" (EACH)	44213200 SAW CUTS (FOOT)	44213204 TIE BARS 3/4" (EACH)	44200050 WELDED WIRE REINFORCEMENT (SQ YD)
LOCATION	STATION	LENGTH	WIDTH							
FAP 824										
N.B.	630+90.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	632+60.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	638+14.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	640+23.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	642+39.00	14.0	12.0	0.0	18.7	0.0	20.0	64.0	0.0	18.7
N.B.	644+09.00	8.0	12.0	10.7	0.0	0.0	20.0	52.0	0.0	0.0
N.B.	648+87.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	649+45.00	10.0	12.0	13.3	0.0	0.0	20.0	56.0	0.0	0.0
N.B.	651+67.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	654+98.00	12.0	12.0	0.0	16.0	0.0	20.0	60.0	0.0	16.0
N.B.	657+47.00	20.0	12.0	0.0	0.0	26.7	30.0	76.0	10.0	26.7
N.B.	660+83.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	661+57.00	12.0	12.0	0.0	16.0	0.0	20.0	60.0	0.0	16.0
N.B.	663+67.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	668+66.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	674+07.00	20.0	12.0	0.0	0.0	26.7	30.0	76.0	10.0	26.7
N.B.	675+84.00	8.0	12.0	10.7	0.0	0.0	20.0	52.0	0.0	0.0
N.B.	689+73.00	10.0	12.0	13.3	0.0	0.0	20.0	56.0	0.0	0.0
N.B.	695+13.00	10.0	12.0	13.3	0.0	0.0	20.0	56.0	0.0	0.0
N.B.	698+16.00	22.0	12.0	0.0	0.0	29.3	30.0	80.0	11.0	29.3
N.B.	700+15.00	8.0	12.0	10.7	0.0	0.0	20.0	52.0	0.0	0.0
N.B.	702+25.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	702+46.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	705+21.00	6.0	12.0	8.0	0.0	0.0	20.0	48.0	0.0	0.0
N.B.	719+41.00	20.0	12.0	0.0	0.0	26.7	30.0	76.0	10.0	26.7
				0.0	0.0					
SUB-TOTAL =				168.0	50.7	109.4	540.0	1392.0	41.0	160.1

FAP 824										
S.B	STATION	LENGTH	WIDTH	44201031 (SQ YD)	44201035 (SQ YD)	44201037 (SQ YD)	44201299 (EACH)	44213200 (FOOT)	44213204 (EACH)	44200050 (SQ YD)
S.B	630+90.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	642+39.00	14.0	12.0	0.0	18.7	0.0	20.0	50.0	0.0	18.7
S.B	644+09.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	648+87.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	649+45.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	651+67.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	654+98.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	660+83.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	663+67.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	668+66.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	674+14.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	675+84.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	689+73.00	10.0	12.0	13.3	0.0	0.0	20.0	46.0	0.0	0.0
S.B	698+16.00	22.0	12.0	0.0	0.0	29.3	30.0	58.0	11.0	29.3
S.B	700+15.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	702+25.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	702+46.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	714+37.00	12.0	12.0	0.0	0.0	16.0	20.0	48.0	0.0	16.0
SUB-TOTAL =				136.0	18.7	45.3	370.0	798.0	11.0	64.0
TOTAL FOR FAP 824 =				304.0	69.4	154.7	910.0	2190.0	52.0	224.1

* FAP 824 & FAS 1671

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -	REVISED -			•	(20 RS-4)(21)RS-2,21 RS-5	DOUGLAS	106	15	
		DATE -	REVISED -			CONTRACT NO. 70786		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET 1 OF 8 SHEETS	STA.	TO STA.		

SCHEDULE OF QUANTITIES

CLASS B PATCHING				44201031 CLASS B PATCHES TYPE II, 15" (SQ YD)	44201035 CLASS B PATCHES TYPE III, 15" (SQ YD)	44201037 CLASS B PATCHES TYPE IV, 15" (SQ YD)	44201299 DOWEL BARS 1-1/2" (EACH)	44213200 SAW CUTS (FOOT)	44213204 TIE BARS 3/4" (EACH)	44200050 WELDED WIRE REINFORCEMENT (SQ YD)
LOCATION	STATION	LENGTH	WIDTH							
FAS 1671										
N.B.	774+00.00	25.0	12.0	0.0	0.0	33.3	30.0	61.0	13.0	33.3
N.B.	778+58.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
N.B.	784+10.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
N.B.	511+46.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
N.B.	514+05.00	6.0	12.0	10.7	0.0	0.0	20.0	42.0	0.0	0.0
N.B.	515+07.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	516+07.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	517+07.00	8.0	12.0	8.0	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	519+07.00	6.0	12.0	10.7	0.0	0.0	20.0	42.0	0.0	0.0
N.B.	520+06.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	521+00.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	522+07.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	524+17.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	529+30.00	8.0	12.0	8.0	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	536+29.00	6.0	12.0	10.7	0.0	0.0	20.0	42.0	0.0	0.0
N.B.	583+48.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
N.B.	596+53.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
										0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		20.0	12.0	0.0	0.0	26.7	30.0	56.0	10.0	26.7
MISC		20.0	12.0	0.0	0.0	26.7	30.0	56.0	10.0	26.7
SUB-TOTAL =				189.4	64.0	86.7	570.0	1225.0	33.0	150.7

FAS 1671										
LOCATION	STATION	LENGTH	WIDTH	44201031 CLASS B PATCHES TYPE II, 15" (SQ YD)	44201035 CLASS B PATCHES TYPE III, 15" (SQ YD)	44201037 CLASS B PATCHES TYPE IV, 15" (SQ YD)	44201299 DOWEL BARS 1-1/2" (EACH)	44213200 SAW CUTS (FOOT)	44213204 TIE BARS 3/4" (EACH)	44200050 WELDED WIRE REINFORCEMENT (SQ YD)
S.B	774+00.00	25.0	12.0	0.0	0.0	33.3	30.0	61.0	13.0	33.3
S.B	778+58.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	794+10.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	804+00.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	511+46.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	514+05.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	515+07.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	517+07.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	519+07.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	520+06.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	521+00.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	522+07.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	524+17.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	529+30.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	536+29.00	6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
S.B	583+48.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
S.B	596+53.00	8.0	12.0	10.7	0.0	0.0	20.0	44.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		6.0	12.0	8.0	0.0	0.0	20.0	42.0	0.0	0.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		12.0	12.0	0.0	16.0	0.0	20.0	48.0	0.0	16.0
MISC		20.0	12.0	0.0	0.0	26.7	30.0	56.0	10.0	26.7
MISC		20.0	12.0	0.0	0.0	26.7	30.0	56.0	10.0	26.7
SUB-TOTAL =				181.4	64.0	86.6	570.0	1221.0	33.0	150.7
TOTAL FOR FAS 1671 =				370.7	128.0	173.4	1140.0	2446.0	66.0	301.4
TOTAL =				674.8	197.4	328.0	2050.0	4636.0	118.0	525.5

* FAP 824 & FAS 1671

SCHEDULE OF QUANTITIES

MAINLINE HOT-MIX ASPHALT SURFACE SCHEDULE

STA.	TO	STA.	STATION EQUATION	LENGTH	WIDTH	LB MM DEPTH	HMA SURF DEPTH	40600829 POLY. LB MM IL-9.5 FG N50 (TON)	44000155 HMA SURF REM 1 1/2 (SQ YD)	44000158 HMA SURF REM 2 1/4 (SQ. YD)	40603510 POLY. HMA SC "MIX C" N50 (TON)	40600290 BIT MATLS TACK COAT .05(LB/SQ FT)	40600290 BIT MATLS TACK COAT .025(LB/SQ FT)	
LOCATION FAP 824														
618+44.00		723+54.00		10510.0	24.0	0.75	1.5	1177.1	0.0	28026.7	2354.2	12612.0	6306.0	
								SUB-TOTAL =	1177.1	0.0	28026.7	2354.2	12612.0	6306.0
								USE =	1178.0	0.0	28027.0	2355.0	18918.0	
LOCATION FAS 1671														
747+74.00		840+11.90		9237.9	24.0	0.75	1.5	1034.6	0.00	24634.40	2069.3	11085.48	5542.74	
				841+11.90 (BK) = 508+63.00 (AH)	8861.0	24.0	0.75	1.5	992.4	0.00	23629.33	1984.9	10633.20	5316.60
508+63.00		597+24.00												
597+24.00		600+79.00		355.0	29.0	0.00	1.5	0.0	1143.89	0.00	96.1	514.75	0.00	
600+79.00		603+18.00	INCLUDING RIGHT TURN LANE	239.0	51.0	0.00	1.5	0.0	1354.33	0.00	113.8	609.45	0.00	
603+18.00		605+44.00	INCLUDING RIGHT TURN LANE	226.0	57.0	0.00	1.5	0.0	1431.33	0.00	120.2	644.10	0.00	
605+44.00		609+10.00		366.0	45.0	0.00	1.5	0.0	1830.00	0.00	153.7	823.50	0.00	
609+10.00		613+33.00		423.0	45.0	0.00	1.5	0.0	2115.00	0.00	177.7	951.75	0.00	
613+33.00		615+12.00		179.0	29.0	0.00	1.5	0.0	576.78	0.00	48.4	259.55	0.00	
615+12.00		766+03.31		15091.3	24.0	0.75	1.5	1690.2	0.00	40243.49	3380.5	18109.57	9054.79	
				766+03.31 (BK) = 1097+31.90 (AH)	2668.1	24.0	0.75	1.5	298.8	0.00	7114.93	597.7	3201.72	1600.86
1097+31.90		1124+00.00												
								SUB-TOTAL =	4016.1	8451.3	95622.2	8742.2	46833.1	21515.0
								USE =	4017.0	8452.0	95623.0	8743.0	68349.0	
								TOTAL =	5195.0	8452.0	123650.0	11098.0	87267.0	

40600290 BITUMINOUS MATERIALS (TACK COAT)								40600290	44000155	48203100	
44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"								BIT, MAT.	HMA SUR	HMA ASPHALT	
48203100 HOT-MIX ASPHALT SHOULDERS								TACK COAT	REMOVAL, 1-1/2"	SHLD	
FAS 1671		STA	TO	STA	LENGTH	WIDTH	DEPTH	0.05 LB FT (POUND)	(SQ YD)	(TON)	
	RT	597+30.00		605+44.00	814.0	3.0	1.5	45.2	271.3	22.8	
	RT	607+32.00		615+12.00	780.0	3.0	1.5	43.3	260.0	21.8	
	LT	597+30.00		605+05.00	775.0	3.0	1.5	43.1	258.3	21.7	
	LT	606+92.00		615+12.00	820.0	3.0	1.5	45.6	273.3	23.0	
								TOTAL =	177.2	1063.0	133.9
								USE =	178.0	1063.0	134.0

* FAP 824 & FAS 1671

SCHEDULE OF QUANTITIES

LOCATION FAP 824	STA.	THICKNESS IN INCHES (INCH)	AREA (SQ FT)	X4400196 HMA SURF REM SPECIAL (SQ YD)	40800050 INC. HMA SURF. (TON)	40800029 BIT MATLS (TACK COAT) (LB/SQ FT)
F.E	633+24.00	1.5	137	15.2	1.3	6.85
T.R. 100 N - EAST	670+83.00	1.5	882	98.0	8.2	44.1
T.R. 100 N - WEST	670+83.00	1.5	790	87.8	7.4	39.5
F.E	681+10.00	1.5	115	12.8	1.1	5.75
C.E	697+39.00	1.5	159	17.7	1.5	7.95
P.E	698+70.00	1.5	568	63.1	5.3	28.4
P.E.	701+00.00	1.5	625	69.4	5.8	31.25
C.E.	703+22.00	1.5	927	103.0	8.7	46.35
M.B.T.O.	708+48.00	1.5	463	51.4	4.3	23.15
P.E.	708+60.00	1.5	421	46.8	3.9	21.05
P.E.	716+07.00	1.5	387	43.0	3.6	19.35
P.E.	716+75.00	1.5	308	34.2	2.9	15.4
P.E.	718+55.00	1.5	245	27.2	2.3	12.25
C.E.	719+18.00	1.5	613	68.1	5.7	30.65
SUB-TOTAL =			6640.0	737.8	62.0	332.0
USE =			6640.0	738.0	62.0	332.0

LOCATION FAS 1671	STA.	THICKNESS IN INCHES (INCH)	AREA (SQ FT)	X4400196 HMA SURF REM SPECIAL (SQ YD)	40800050 INC. HMA SURF. (TON)	40800029 BIT MATLS (TACK COAT) (LB/SQ FT)
T.R. 300 N - (WEST SIDE)	777+63.30	1.5	1140	126.7	10.6	57
T.R. 400 N - (EAST SIDE)	831+04.17	1.5	829	92.1	7.7	41.45
T.R. 400 N -(WEST SIDE)	831+01.00	1.5	775	86.1	7.2	38.75
T.R. 500 N - (EAST SIDE)	553+48.16	1.5	896	99.6	8.4	44.8
T.R. 500 N - (WEST SIDE)	553+43.52	1.5	809	89.9	7.6	40.45
T.R. 750 N - (EAST SIDE)	685+47.70	1.5	1259	139.9	11.8	62.95
T.R. 750 N - (WEST SIDE)	685+44.72	1.5	1014	112.7	9.5	50.7
SUB-TOTAL =			6722.0	746.9	62.7	336.1
USE =			6722.0	747.0	63.0	337.0
TOTAL =			13362.0	1485.0	125.0	669.0

40600990 TEMPORARY RAMP						
RATE: 1-40						
MAINLINE LOCATIONS	FIRST APP 2.25"	SECOND APP 1.50"	WIDTH	FIRST TEMPORARY RAMP (SQ. YD)	SECOND TEMPORARY RAMP (SQ YD)	TOTAL (SQ YD)
FAP 824						
618+44.00	7.5	5.0	24.0	20.0	13.3	33.3
671+24.00	7.5	5.0	24.0	20.0	13.3	33.3
724+04.00	7.5	5.0	24.0	20.0	13.3	33.3
776+84.00	7.5	5.0	24.0	20.0	13.3	33.3
829+64.00	7.5	5.0	24.0	20.0	13.3	33.3
560+00.00	7.5	5.0	24.0	20.0	13.3	33.3
614+23.00	7.5	5.0	24.0	20.0	13.3	33.3
667+03.00	7.5	5.0	24.0	20.0	13.3	33.3
719+83.00	7.5	5.0	24.0	20.0	13.3	33.3
SUB-TOTAL =				180.0	120.0	300.0
USE =				180.0	120.0	300.0

FAS 1671						
772+63.00	7.5	5.0	24.0	20.0	13.3	33.3
825+43.00	7.5	5.0	24.0	20.0	13.3	33.3
878+23.00	7.5	5.0	24.0	20.0	13.3	33.3
931+03.00	7.5	5.0	24.0	20.0	13.3	33.3
983+83.00	7.5	5.0	24.0	20.0	13.3	33.3
1036+63.00	7.5	5.0	24.0	20.0	13.3	33.3
1089+43.00	7.5	5.0	24.0	20.0	13.3	33.3
1124+00.00	7.5	5.0	24.0	20.0	13.3	33.3
SUB-TOTAL =				160.0	93.3	266.6
USE =				160.0	94.0	267.0

SIDE ROAD LOCATIONS						
FAP 824						
1.5 THICK & 1 APP.						
100 N (EAST SIDE)	5.0	0.0	75.0	21.7	0.0	21.7
100 N (WEST SIDE)	5.0	0.0	75.0	21.7	0.0	21.7
SUB-TOTAL =				43.3	0.0	43.3
USE =				44.0	0.0	44.0

FAS 1671						
300 N. (WEST SIDE)	5.0	0.0	83.0	59.4	0.0	59.4
400 N. (EAST SIDE)	5.0	0.0	68.0	51.1	0.0	51.1
400 N. (WEST SIDE)	5.0	0.0	69.0	51.7	0.0	51.7
500 N. (EAST SIDE)	5.0	0.0	69.0	51.7	0.0	51.7
500 N. (WEST SIDE)	5.0	0.0	80.0	57.8	0.0	57.8
750 N. (EAST SIDE)	5.0	0.0	122.0	81.1	0.0	81.1
750 N. (WEST SIDE)	5.0	0.0	80.0	57.8	0.0	57.8
SUB-TOTAL =				410.6	0.0	410.6
USE =				411.0	0.0	722.0
TOTAL =						1022.0

* FAP 824 & FAS 1671

SCHEDULE OF QUANTITIES

70300100 SHORT TERM PAVEMENT MARKING							70300100	70300150
70300150 SHORT TERM PAVEMENT MARKING REMOVAL							SHORT TERM	SHRT TRM
STA.	TO	STA.	LENGTH	SPACING	APPLICATIONS	PAVT MKING	PAVT MK REM	
LOCATION FAP 824							(FOOT)	(SQ FT)
618+44.00		723+54.00	10510.0	4'/40'	3.0	3154.0	350.3	
						SUB-TOTAL =	3154.0	351.0
LOCATION FAS 1671								
747+74.00		840+11.90	9237.9	4'/40'	3.0	2773.0	307.9	
STA. EQUATION 840+11.90 (BK) = 508+63.00 (AH)								
508+63.00		597+30.00	8867.0	4'/40'	3.0	2662.0	295.6	
597+30.00		605+88.00	858.0	4'/40'	2.0	173.0	28.6	
YELLOW CENTER DIVIDER								
603+20.00		605+86.00	266.0	4'/40'	2.0	55.0	8.9	
WHITE LANE DIVIDER								
606+58.00		609+22.00	264.0	4'/40'	2.0	54.0	8.8	
WHITE LANE DIVIDER								
606+54.00		615+12.00	858.0	4'/40'	2.0	173.0	28.6	
YELLOW CENTER DIVIDER								
615+12.00		766+03.31	15091.3	4'/40'	3.0	4529.0	503.0	
STA. EQUATION 766+03.31 (BK) = 1097+31.90 (AH)								
1097+31.90		1124+00.00	2668.1	4'/40'	3.0	802.0	88.9	
						SUB-TOTAL =	11221.0	1270.3
						TOTAL =	14375.0	1621.3

78001110 PAINT PAVEMENT MARKING - LINE 4"							
STA.	TO	STA.	LENGTH	YELLOW	WHITE EDGE	YELLOW	
LOCATION FAP 824			(FOOT)	C. L. SKIPS	LINES	NO PASS	
				(FOOT)	(FOOT)	(FOOT)	
618+44.00		723+54.00	10510.0	2627.5	21020.0	0.0	
				SUB-TOTAL =	2627.5	21020.0	0.0
				USE =	23647.5		
LOCATION FAS 1671							
747+74.00		840+11.90	9237.9	2309.5	18475.8	0.0	
STATION EQUATION 840+11.90 (BK) TO 508+63.00 (AH)							
508+63.00		597+30.00	8867.0	2216.8	17734.0	0.0	
EDGE LINES ONLY AT GALTON EXIT (SEE THERMOPLASTIC SCHEDULE)							
597+30.00		615+12.00	1782.0	0.0	3564.0	0.0	
615+12.00		766+03.31	15091.3	3772.8	30182.6	30182.6	
STATION EQUATION 766+03.31 (BK) TO 1097+31.90 (AH)							
1097+31.90		1124+00.00	2668.1	667.0	5336.2	0.0	
				SUB-TOTAL =	8966.1	75292.6	30182.6
				USE =	114441.3		
				TOTAL =	138090.0		

* FAP 824 & FAS 1671

SCHEDULE OF QUANTITIES

78000200	THERMOPLASTIC PAVEMENT MARKING - 4"																
78000400	THERMOPLASTIC PAVEMENT MARKING - 6"																
78000600	THERMOPLASTIC PAVEMENT MARKING - 12"																
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"																
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"																
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"																
LOCATION FAS 1671						78000200 THERMO PLASTIC MARKING 4" (WHITE) (FOOT)	78000200 THERMO PLASTIC MARKING 4" (YELLOW) (FOOT)	78000400 THERMO PLASTIC MARKING 6" (WHITE) (FOOT)	78000600 THERMO PLASTIC MARKING 12" (YELLOW) (FOOT)	X7830070 GRV RCS PVT MARKG 5" (FOOT)	X7830074 GRV RCS PVT MARKG 7" (FOOT)	X7830078 GRV RCS PVT MARKG 13" (FOOT)					
LOCATION: GALTON EXIT						STA	TO	STA.	LOC	LENGTH (FOOT)							
DIA. MARKING EVERY 30'						597+30.00		598+84.00	C.L.	154.00	0.0	154.0	0.0	0.0	154.0	0.0	0.0
						598+84.00		605+87.00	C.L.	703.00	0.0	2812.0	0.0	0.0	2812.0	0.0	0.0
						606+57.00		613+95.00	C.L.	738.00	0.0	2952.0	0.0	0.0	2952.0	0.0	0.0
						613+95.00		615+12.00	C.L.	117.00	0.0	234.0	0.0	0.0	234.0	0.0	0.0
						603+20.00		605+60.00	T.L.	240.00	480.0	0.0	0.0	0.0	480.0	0.0	0.0
						606+58.00		609+21.00	T.L.	263.00	526.0	0.0	0.0	0.0	526.0	0.0	0.0
						605+55.00		606+09.00	MEAD	54.00	0.0	0.0	54.0	0.0	0.0	54.0	0.0
						606+34.00		606+88.00	MEAD	54.00	0.0	0.0	54.0	0.0	0.0	54.0	0.0
						598+84.00		600+52.00	DIA	168.00	0.0	0.0	0.0	19.6	0.0	0.0	19.6
						600+52.00		603+18.00	DIA	266.00	0.0	0.0	0.0	44.3	0.0	0.0	44.3
						603+18.00		605+87.00	DIA	269.00	0.0	0.0	0.0	35.9	0.0	0.0	35.9
						606+57.00		609+09.00	DIA	252.00	0.0	0.0	0.0	33.6	0.0	0.0	33.6
						609+09.00		611+79.00	DIA	270.00	0.0	0.0	0.0	49.5	0.0	0.0	49.5
						611+79.00		613+95.00	DIA	216.00	0.0	0.0	0.0	25.2	0.0	0.0	25.2
						TOTAL =						1006.0	6152.0	108.0	208.1	7158.0	108.0

MAILBOX TURNOUT								
STA.	TO	STA	WIDTH	AVG. LENGTH	THICKNESS (INCH)	35800100 PREPARATION OF BASE (SQ YD)	35800200 AGGREGATE BASE REPAIR (TON)	40800050 INC. HMA SURF. (TON)
717+97.00		718+41.00	8.0	44.0	2.25	48.0	1.0	6.0
TOTAL =						48.0	1.0	6.0

* FAP 824 & FAS 1671

SCHEDULE OF QUANTITIES

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS, X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS & SYMBOLS					
LOCATION FAS 1671				THERMOPLASTIC LTR & SYM (SQ FT)	GRV RCSD PM LTR & SYM (SQ FT)
LOCATION	STATION	SYMBOL	QUANTITY		
N.B.	R.L.	603+20.00	RT. TURN	1.0	15.6
N.B.	L.L.	603+20.00	LT. TURN	1.0	15.6
N.B.	R.L.	604+00.00	RT. TURN	1.0	15.6
N.B.	L.L.	604+00.00	LT. TURN	1.0	15.6
N.B.	R.L.	604+80.00	RT. TURN	1.0	15.6
N.B.	L.L.	604+80.00	LT. TURN	1.0	15.6
N.B.	R.L.	605+60.00	RT. TURN	1.0	15.6
N.B.	L.L.	605+60.00	LT. TURN	1.0	15.6
S.B.	C.L.	606+81.00	LT TURN	1.0	15.6
S.B.	C.L.	607+61.00	LT TURN	1.0	15.6
S.B.	C.L.	608+41.00	LT TURN	1.0	15.6
S.B.	C.L.	609+21.00	LT. TURN	1.0	15.6
TOTAL =					187.2
USE =					188.0

48102100 AGGREGATE WEDGE SHOULDER, TYPE B							
FAP 824		STA	STA	LENGTH	WIDTH	(AVG.) DEPTH	TON
	RT	618+44.00	670+52.00	5208.0	3	0.167	173.60
	RT	671+26.00	708+20.00	3694.0	3	0.167	123.13
	RT	708+75.00	723+67.00	1492.0	3	0.167	49.73
	LT	618+44.00	633+00.00	1456.0	3	0.167	48.53
	LT	633+50.00	670+46.00	3696.0	3	0.167	123.20
	LT	671+20.00	680+87.00	967.0	3	0.167	32.23
	LT	681+32.00	697+07.00	1575.0	3	0.167	52.50
	LT	697+70.00	698+32.00	62.0	3	0.167	2.07
SUB-TOTAL =							605.00
USE =							605.00
FAS 1671	RT	747+74.73	752+67.13	492.4	2	0.083	5.47
	RT	752+67.13	752+83.11	16.0	2	0.083	0.18
	RT	752+83.11	753+17.80	34.7	2	0.083	0.39
	RT	753+17.80	753+32.03	14.2	2	0.083	0.16
	RT	753+32.03	777+37.12	2405.1	2	0.083	26.72
	LT	750+66.65	760+04.25	937.6	2	0.083	10.42
	LT	760+92.05	777+35.51	1643.5	2	0.083	18.26
	RT	777+95.54	830+85.00	5289.5	2	0.083	58.77
	RT	831+32.11	840+11.90	879.8	2	0.083	9.78
	RT	508+63.00	553+21.55	4458.6	2	0.083	49.54
	RT	553+72.93	597+30.18	4357.3	2	0.083	48.41
	RT	615+12.01	685+22.62	7010.6	2	0.083	77.90
	RT	685+75.61	758+25.00	7249.4	2	0.083	80.55
	RT	759+40.00	766+03.31	663.3	2	0.083	7.37
	RT	1097+31.90	1124+00.00	2668.1	2	0.083	29.65
	LT	777+81.78	800+00.40	2218.6	2	0.083	24.65
	LT	800+54.59	830+72.75	3018.2	2	0.083	33.54
	LT	831+20.27	840+11.90	891.6	2	0.083	9.91
	LT	508+63.00	525+34.85	1671.9	2	0.083	18.58
	LT	525+99.81	553+15.94	2716.1	2	0.083	30.18
	LT	553+62.96	597+30.18	4367.2	2	0.083	48.52
	LT	615+12.01	685+00.48	6988.5	2	0.083	77.65
	LT	685+76.34	766+03.31	8027.0	2	0.083	89.19
	LT	1097+31.90	1120+69.47	2337.6	2	0.083	25.97
	LT	1120+99.95	1124+40.48	340.5	2	0.083	3.78
SUB-TOTAL =							785.52
USE =							786.00
TOTAL =							1391.00

* FAP 824 & FAS 1671

SCHEDULE OF QUANTITIES

XZ193400 SURVEY MARKER TYPE 2 (SPECIAL)			
LOCATION		STA.	EACH
C. L.	P. I.	637+00.00	1.0
C. L.	P. I.	700+46.77	1.0
C. L.	P. I.	715+56.00	1.0
C. L.	P. I.	724+33.00	1.0
C. L.	P. I.	743+95.00	1.0
C. L.	P. I.	760+91.00	1.0
C. L.	P. I.	768+06.74	1.0
C. L.	P. I.	777+08.02	1.0
C. L.	P. I.	831+46.69	1.0
C. L.	STA. EQUATION	STA. 840+11.90 (BK) STA. 508+63.00 (AH)	1.0
C. L.	P. C.	511+04.71	
C. L.	P. I.	513+19.96	1.0
C. L.	P. T.	515+34.36	1.0
C. L.	P. C.	517+65.13	1.0
C. L.	P. I.	519+72.61	1.0
C. L.	P. T.	521+79.27	1.0
C. L.	P. I.	631+77.10	1.0
C. L.	P. C.	742+02.65	1.0
C. L.	P. I.	744+40.36	1.0
C. L.	P. T.	746+76.97	1.0
C. L.	P. C.	748+29.69	1.0
C. L.	P. I.	750+63.93	1.0
C. L.	P. T.	752+97.09	1.0
C. L.	STA. EQUATION	STA. 766+03.31 (BK) STA. 1097+31.90 (AH)	1.0
C. L.	P. I.	1113+01.93	1.0
C. L.	P. I.	1122+00.00	1.0
C. L.	P. I.	1125+00.04	1.0
TOTAL =			26.0

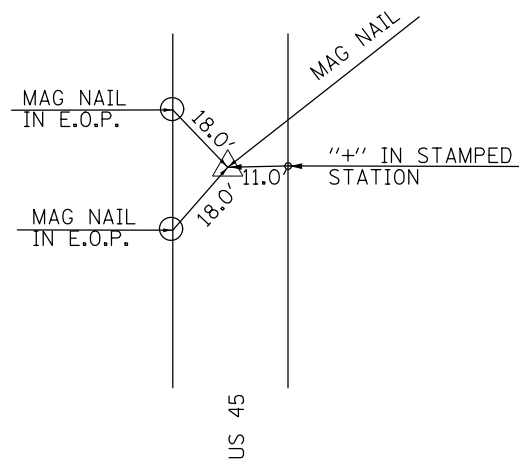
78100100 RAISED REFLECTIVE PAVEMENT MARKER 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL							
STA.	TO	STA.		78100100 TWO WAY AMBER (EACH)	78100100 ONE WAY AMBER (EACH)	78100100 ONE WAY CRYSTAL (EACH)	78300200 RAISED REFL MKR REM (EACH)
LOCATION FAP 824							
618+44.00		723+54.00	C. L.	132.0	0.0	0.0	132.0
				USE =	132.0	0.0	132.0
LOCATION FAS 1671							
747+74.00		840+11.90	C. L.	116.0	0.0	0.0	116.0
STATION EQUATION 840+11.90 (BK) TO 508+63.00 (AH)							
508+63.00		597+30.00	C. L.	111.0	0.0	0.0	111.0
597+30.00		598+84.00	C. L.	2.0	0.0	0.0	2.0
598+84.00		605+87.00	MEDIAN	0.0	36.0	0.0	36.0
606+57.00		613+95.00	MEDIAN	0.0	37.0	0.0	37.0
603+20.00	TURN LANE	605+86.00	2 LANES	0.0	0.0	14.0	14.0
606+58.00	TURN LANE	609+21.00	1 LANE	0.0	0.0	7.0	7.0
613+95.00		615+12.00	C. L.	2.0	0.0	0.0	2.0
615+12.00		766+03.31	C. L.	189.0	0.0	0.0	189.0
STATION EQUATION 766+03.31 (BK) TO 1097+31.90 (AH)							
1097+31.90		1124+00.00	C. L.	34.0	0.0	0.0	34.0
				USE =	454.0	73.0	548.0
TOTAL =					680		680

64200108 SHOULDER RUMBLE STRIPS, 8 INCH											
LOCATION	STA.	TO	STA.	LENGTH		STA.	TO	STA.	LENGTH		
SOUTH BOUND	1124+40.00		1123+80.00	60.00	(SEE NOTE)	1120+20.00		1097+31.90	2288.10		
		766+03.31		752+70.00		1333.31		748+30.00		508+63.00	23967.00
				840+11.90		7661.90				747+74.73	1025.27
				615+12.00		816.00				597+30.00	775.00
						SUB-TOTAL =	9871.21				SUB-TOTAL =
NORTH BOUND	597+30.00		605+44.00	814.00	(SEE NOTE)	607+32.00		615+12.00	780.00		
		747+74.73		748+00.00		25.27		749+30.00		754+50.00	520.00
				760+00.00		400.00				767+80.00	220.00
				774+00.00		50.00				776+00.00	100.00
				780+00.00		200.00				840+11.90	0.10
				512+00.00		550.00				521+50.00	24453.31
				1097+31.90		418.10				1103+70.00	1880.00
				1123+50.00		50.00					
				SUB-TOTAL =	2507.37			SUB-TOTAL =	27953.41		
TOTAL =					68387.36						

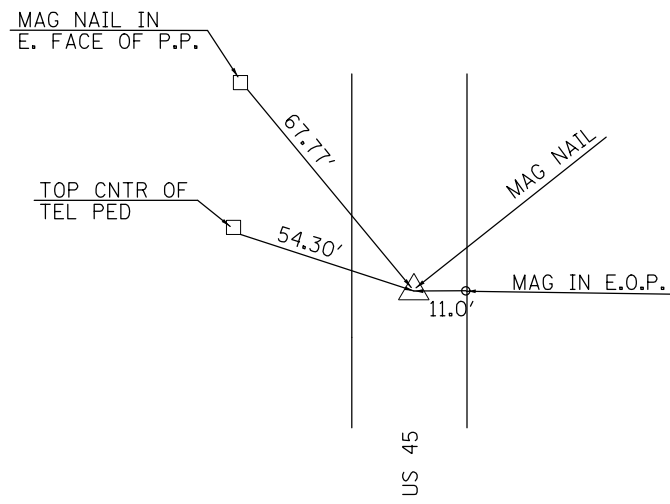
NOTE: EXISTING RUMBLE STRIPS LOCATED IN THE MAINLINE PAVEMENT SHALL BE MILLED AND REPLACED AT STATIONS LISTED

* FAP 824 & FAS 1671

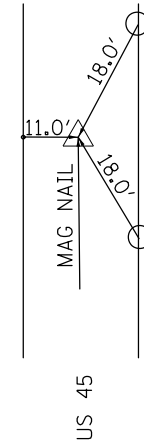
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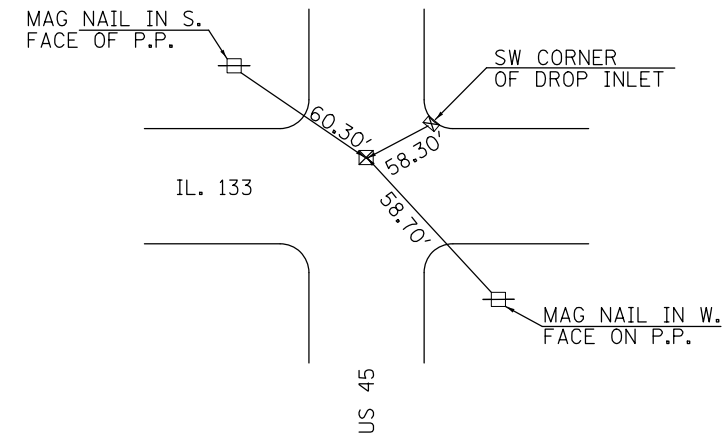
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STA. 700 + 46.77



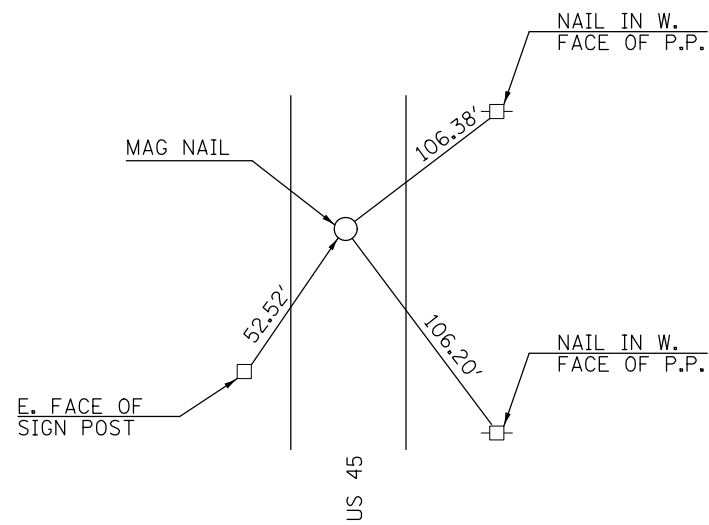
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STA. 715 + 56.00



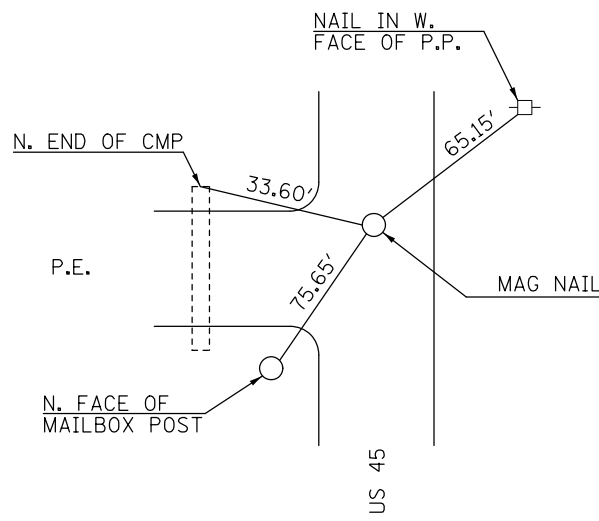
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STA. 724 + 33.00



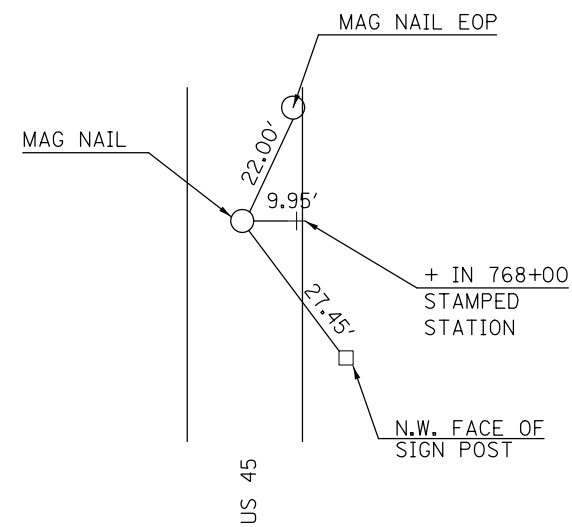
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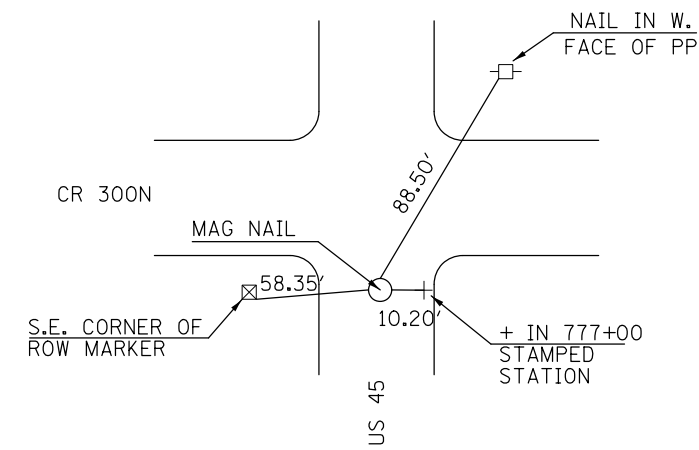
P.I. #102
STA 760 + 91.00



P.I. #24
STA. 768 + 06.74



P.I. #26
STA. 777 + 08.02



* FAS 1671 & FAP 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\0570786-sh1-ATB.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

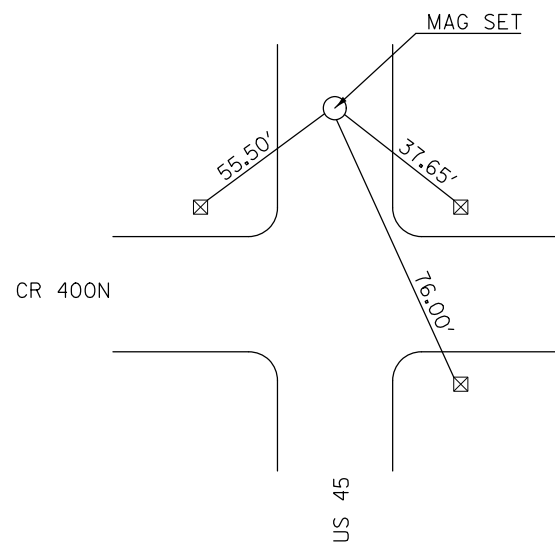
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS & BENCHMARKS

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

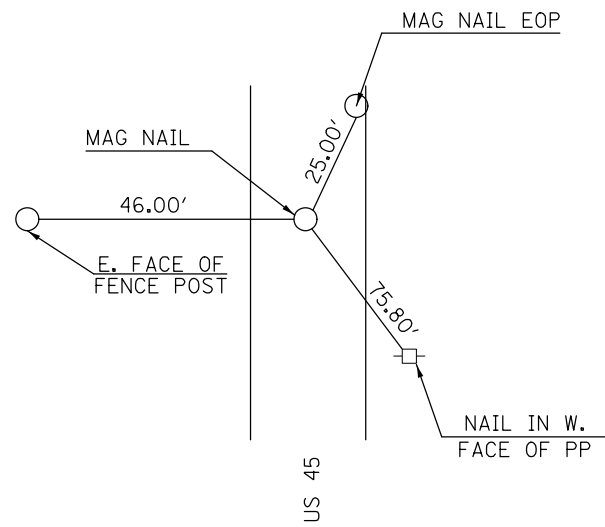
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2,21 RS-5		DOUGLAS	107	23
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

P.I. #19
STA. 831 + 46.69

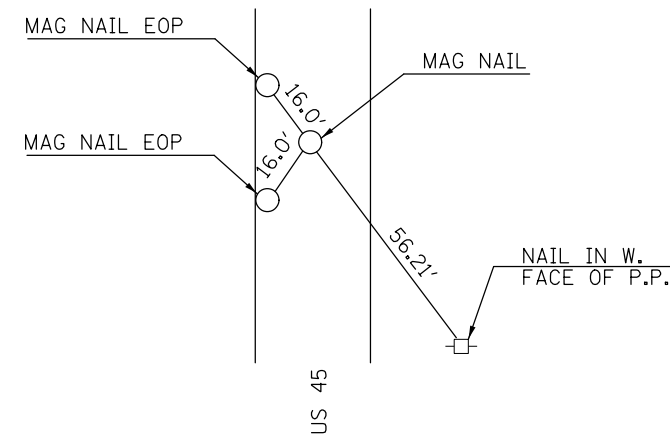


* ALL TIES ARE TOP CENTER OF ROW MARKERS

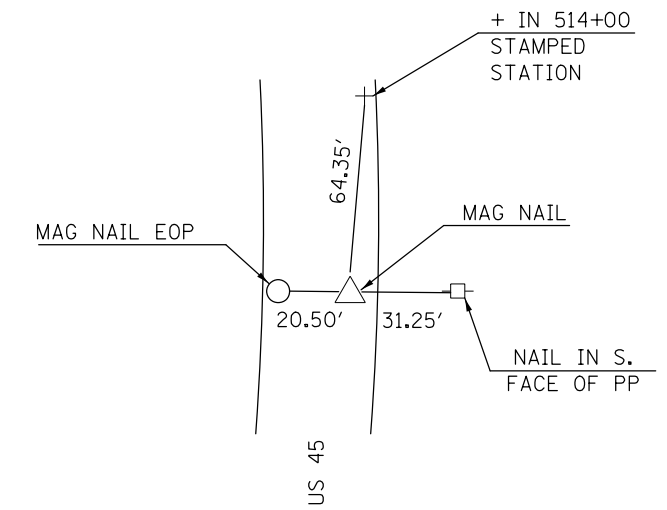
STA. EQ. 840 + 11.90 (BK) #104
508 + 63.00 (AH) #105



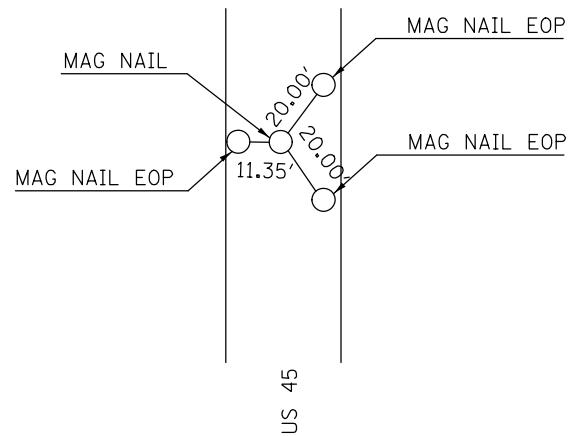
P.C.
STA. 511 + 04.71



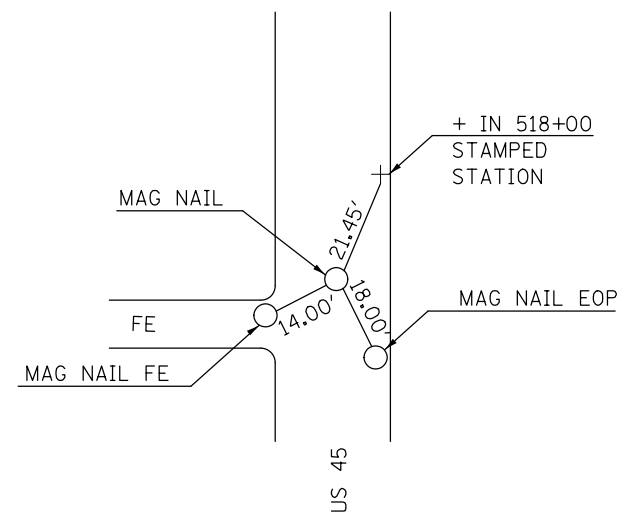
P.I. #103
STA. 513 + 19.96



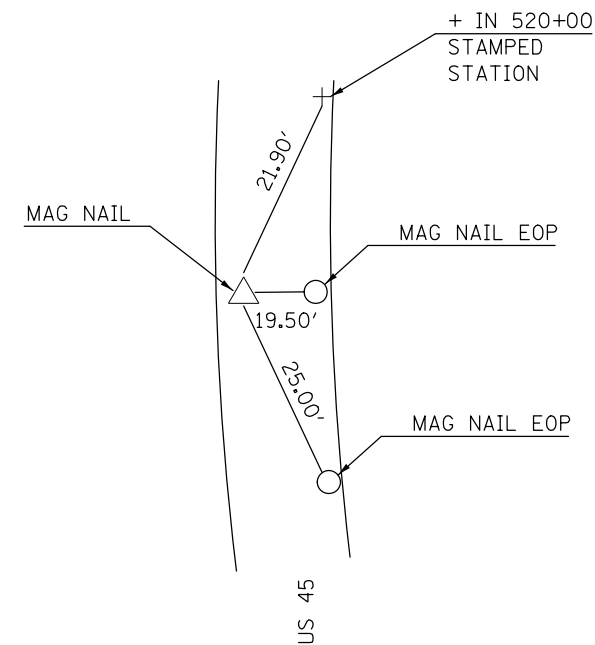
P.T.
STA. 515 + 34.36



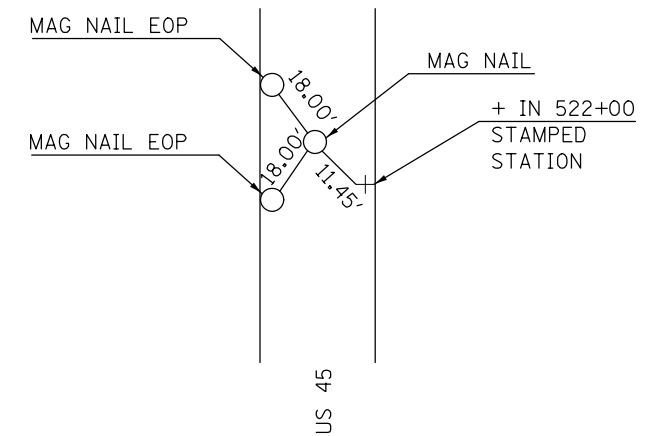
P.C.
STA. 517 + 65.13



P.I. #106
STA. 519 + 72.61



P.T.
STA. 521 + 79.27



* FAS 1671 & FAP 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\BANKING\Design\0570786-shr-ATB.dgn		REVISOR =	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

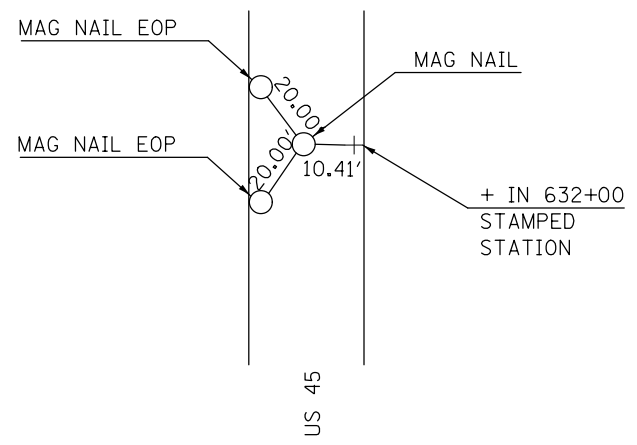
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS & BENCHMARKS

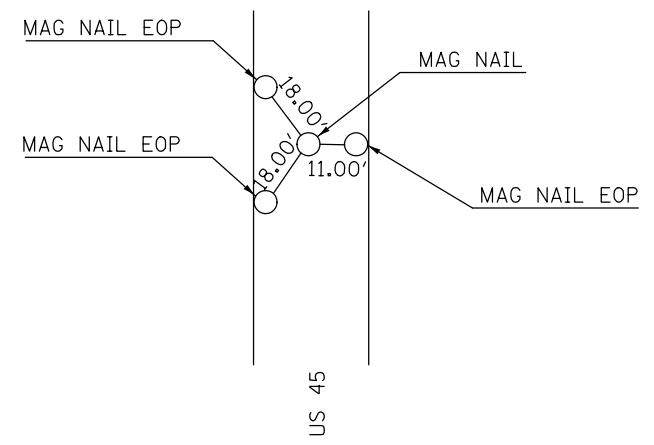
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-5)(21)(RS-2,21 RS-5)	DOUGLAS	107	24
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

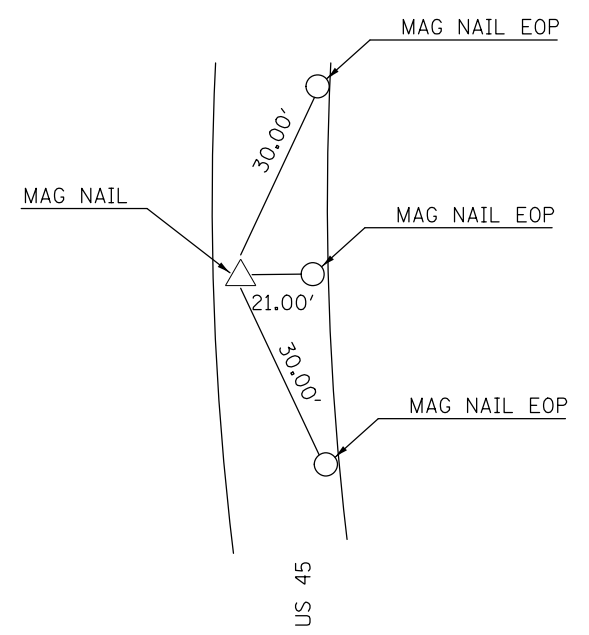
P.I. #9
STA. 631 + 77.10



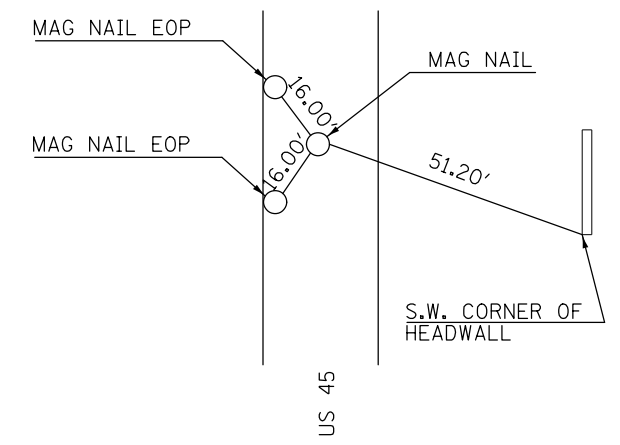
P.C.
STA. 742 + 02.65



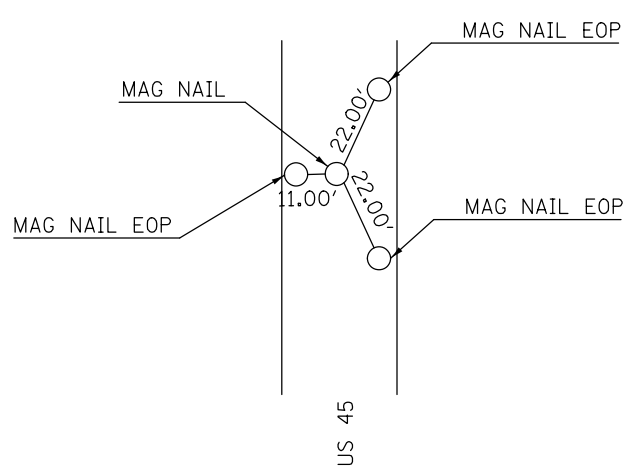
P.I. #107
STA. 744 + 40.36



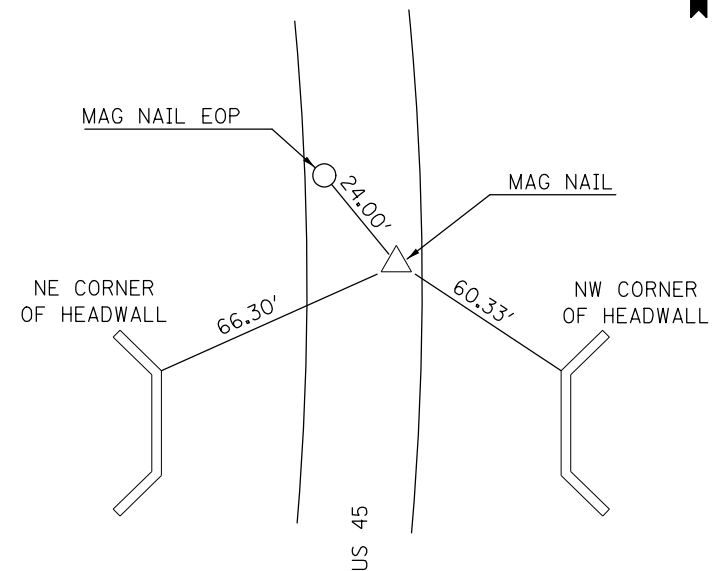
P.T.
STA. 746 + 76.97



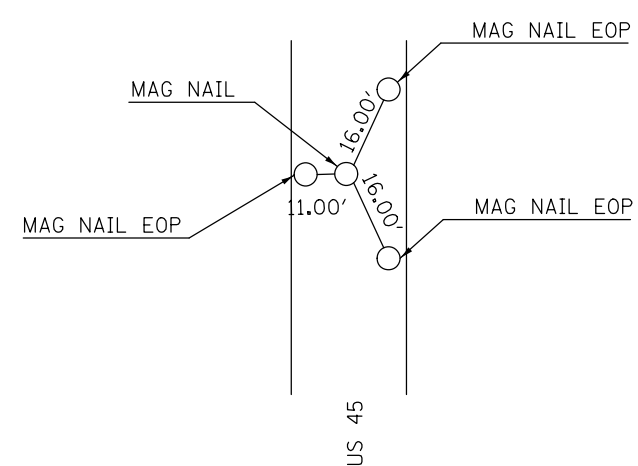
P.C.
STA. 748 + 29.69



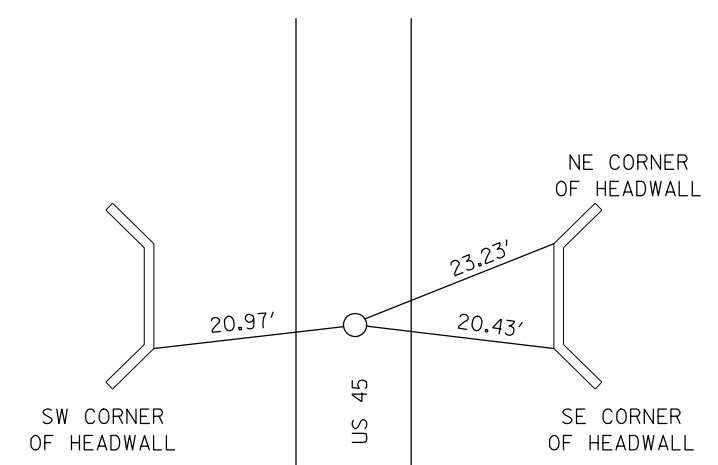
P.I. #109
STA. 750 + 63.93



P.T.
STA. 752 + 97.09



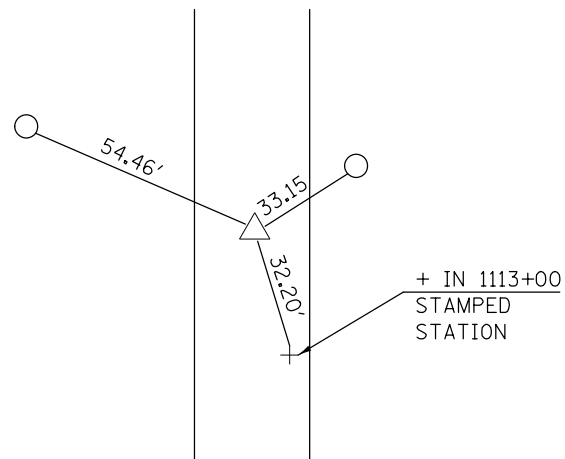
STA. EQ. 766 + 03.31 (BK) #112
1097 + 31.90 (AH)



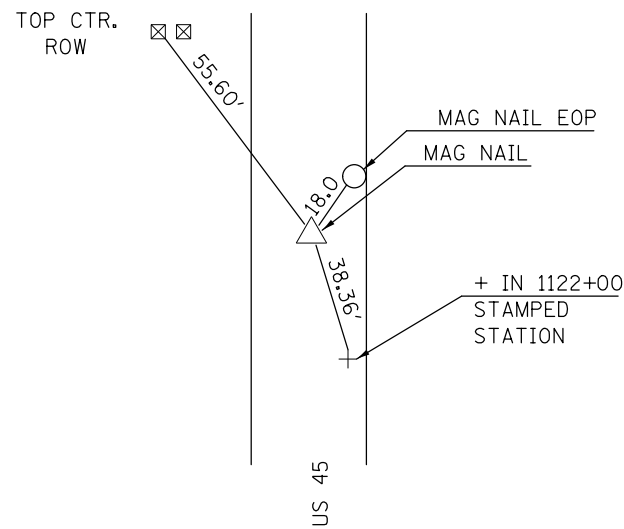
STR. NO. 8601
* FAS 1671 & FAP 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS & BENCHMARKS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\0570786-shr-ATB.dgn	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					•	(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	25
MODELNAME	PLotted DATE = 3/22/2018	DATE -	REVISED -		SCALE:	SHEET 3	OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 70786		
											ILLINOIS FED. AID PROJECT	

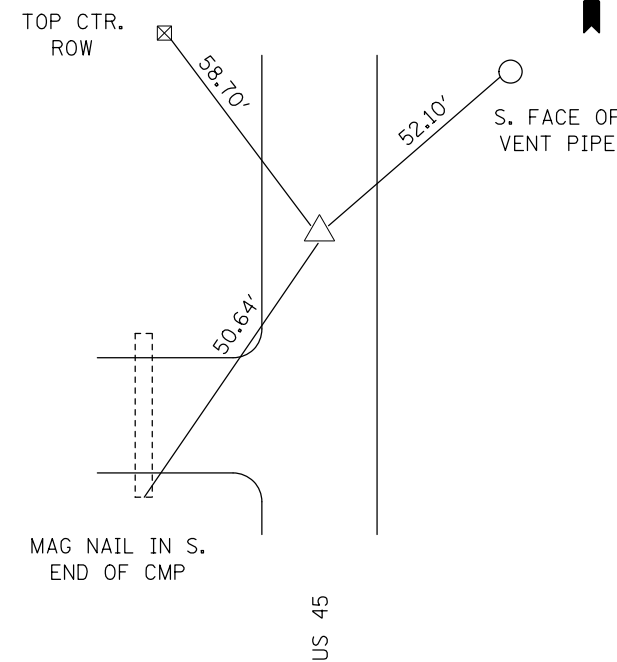
P.I. #193
STA. 1113 + 01.93



P.I. #154
STA. 1122 + 00.00



P.I. #155
STA. 1125 + 00.04



BENCHMARK DESCRIPTION

BENCHMARK: 4995-1
STATION: 718+46.34
ELEVATION = 650.97

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 5.8 MILES TO THE MARK ON THE RIGHT. SAID MARK IS A CHISELED SQUARE ON TOP OF THE SE CORNER OF AN ACROSS ROAD BOX CULVERT EAST OF US 45.

BENCHMARK: 4995-2
STATION: 614+03.13
ELEVATION = 649.63

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 3.8 MILES TO THE MARK ON THE RIGHT. SAID MARK IS A CHISELED SQUARE ON TOP OF THE SE CORNER OF AN ACROSS ROAD CULVERT EAST OF 45.

BENCHMARK: 4995-3
STATION: 509+96.26
ELEVATION = 660.54

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 1.9 MILES TO THE MARK ON THE RIGHT. SAID MARK IS AN ALUMINUM DISK ON TOP OF THE SOUTH END OF THE HEADWALL OF A DOUBLE BARREL ACROSS ROAD BOX CULVERT EAST OF 45.

BENCHMARK: 4995-4
STATION: 793+32.73
ELEVATION = 667.95

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 1.0 MILES TO THE MARK ON THE RIGHT. SAID MARK IS A ALUMINUM DISK ON TOP OF THE SOUTH END OF THE HEADWALL OF A DOUBLE BARREL ACROSS ROAD BOX CULVERT EAST OF 45.

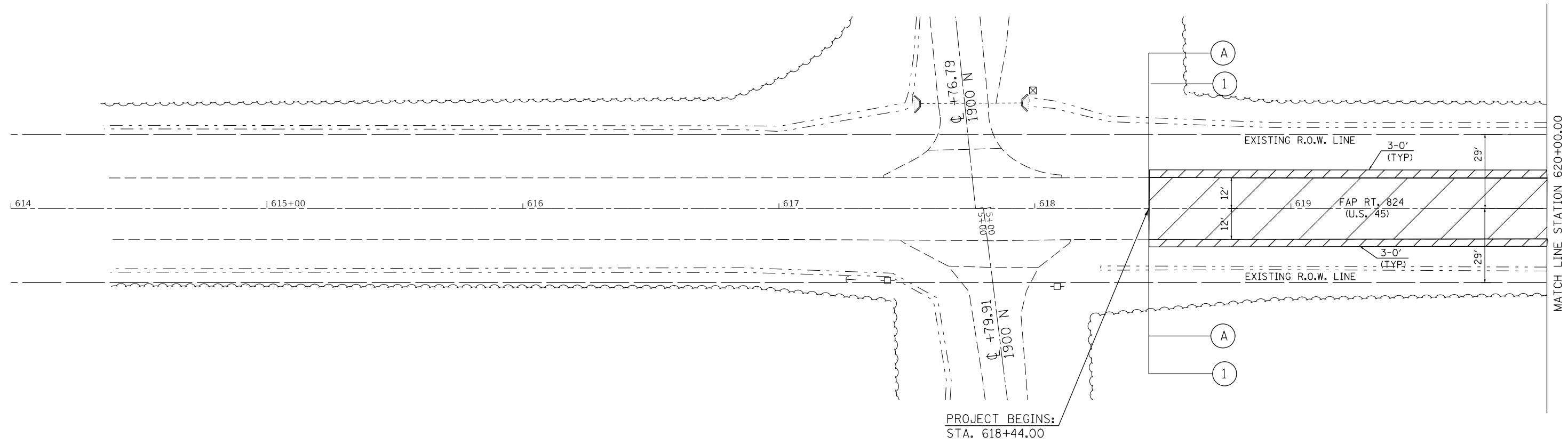
BENCHMARK: 4995-5
STATION: 754+47.77
ELEVATION = 675.58

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH .25 MILES TO THE MARK ON THE LEFT. SAID MARK IS A CHISELED SQUARE ON TOP OF THE NORTH END OF THE HEADWALL FOR A ACROSS ROAD PIPE CULVERT WEST OF US 45.

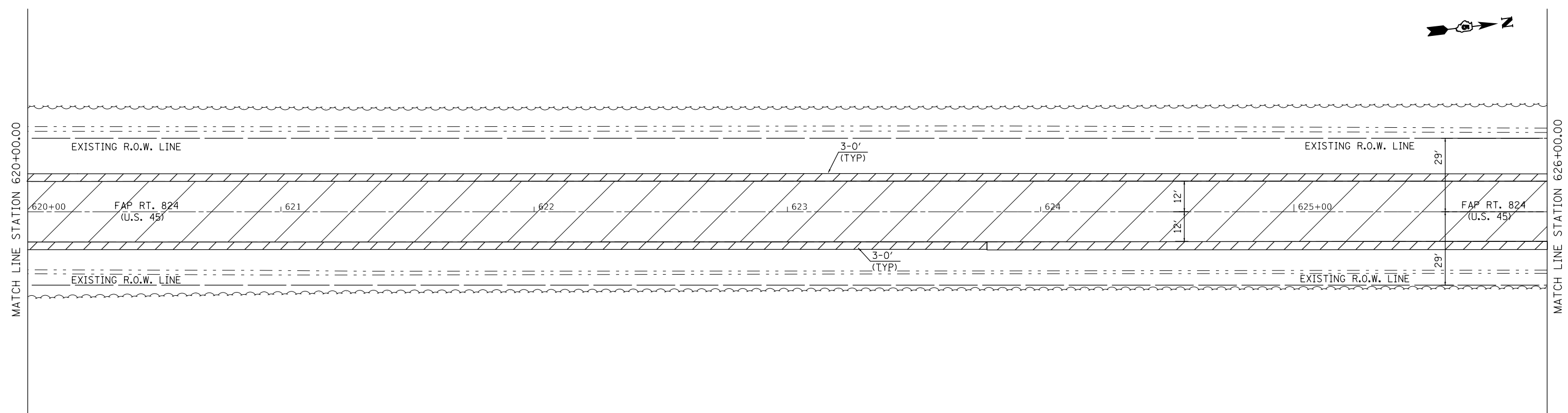
• FAS 1671 & FAP 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS & BENCHMARKS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						•	(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	26	
						CONTRACT NO. 70786					
						ILLINOIS FED. AID PROJECT					
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -	SCALE:	SHEET 4 OF 4 SHEETS	STA.	TO STA.				

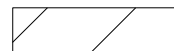
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.




SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\0577\0577-Plan.dgn		CHECKED -	REVISED -
	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018		

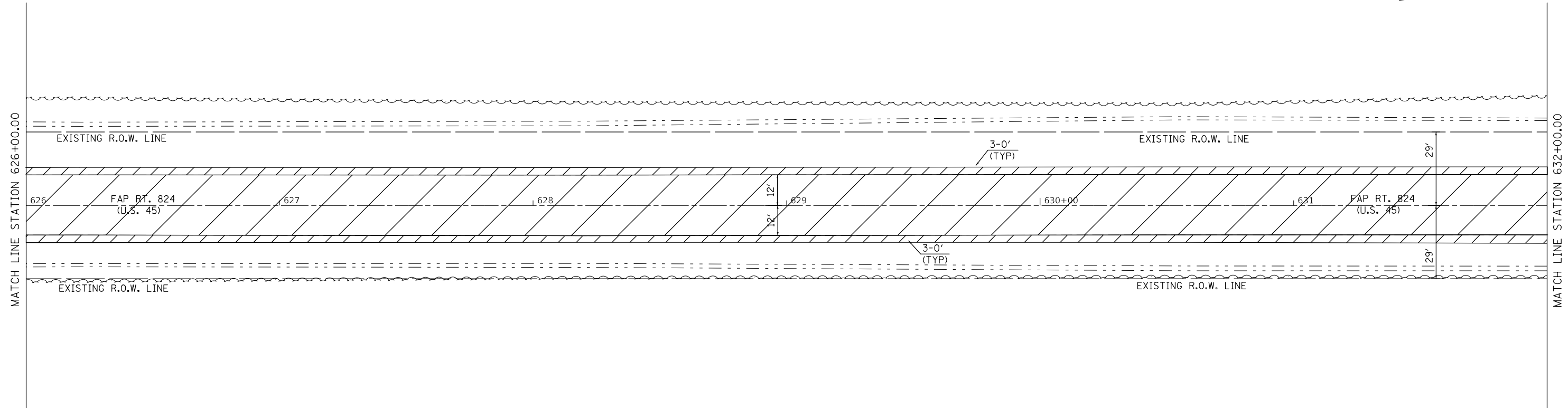
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

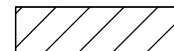
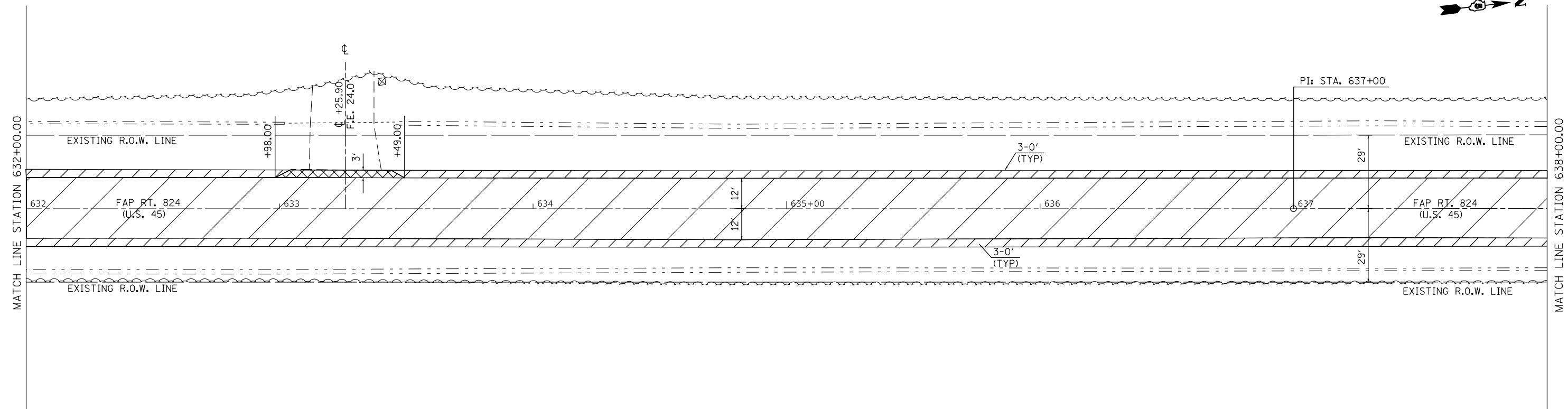
SCALE: SHEET 1 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	27
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

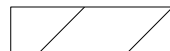
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\0577\Design\0577\0786-shr-Plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

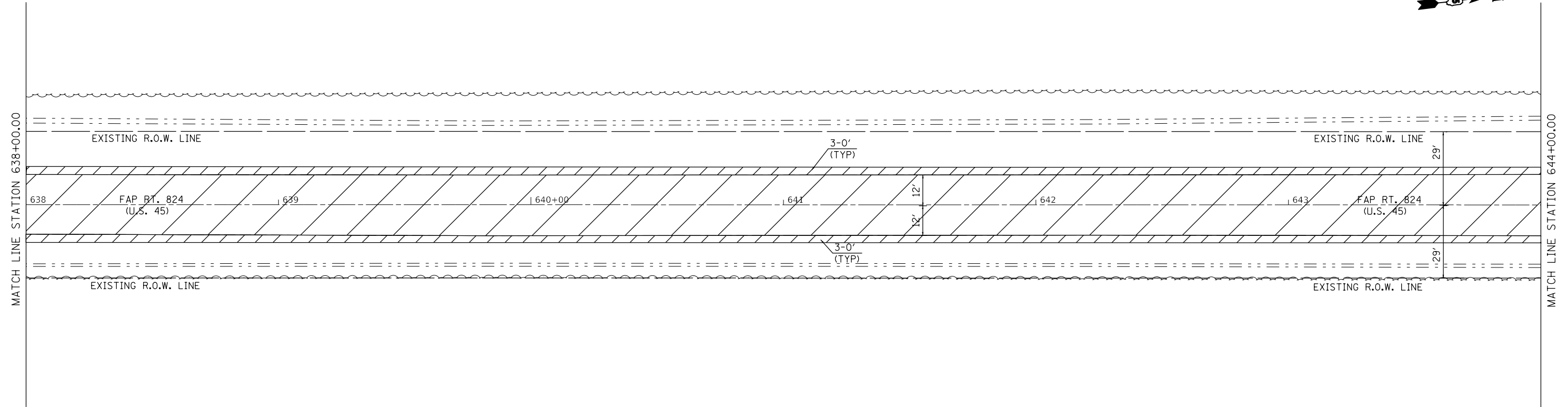
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

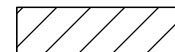
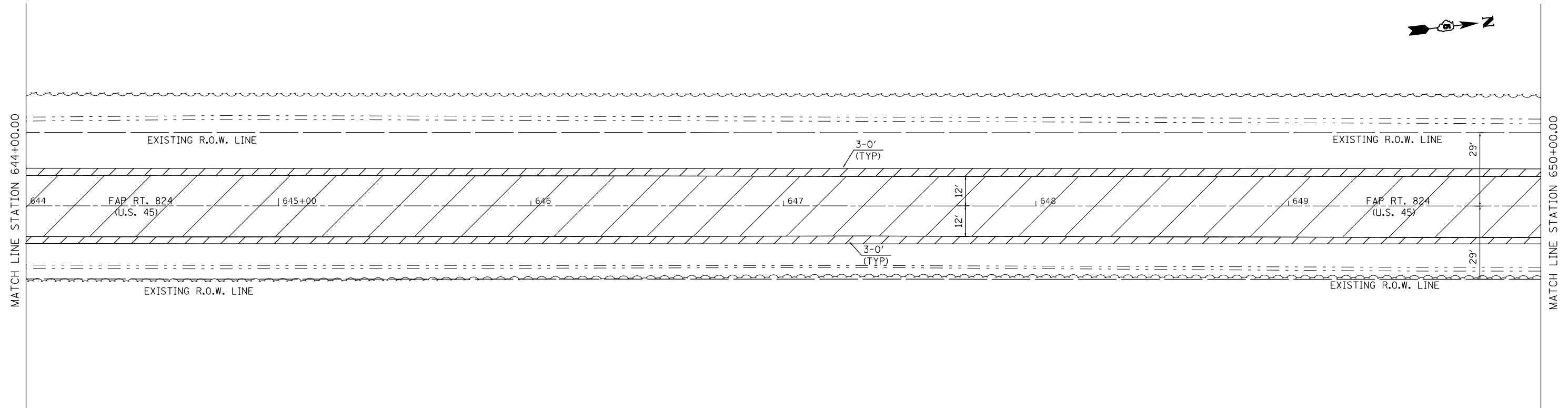
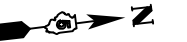
SCALE: SHEET 2 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	28
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

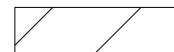
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570786\Drawings\Design\0570786-shr-Plan.dgn		CHECKED -	REVISED -
MODELNAME	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 3/22/2018		

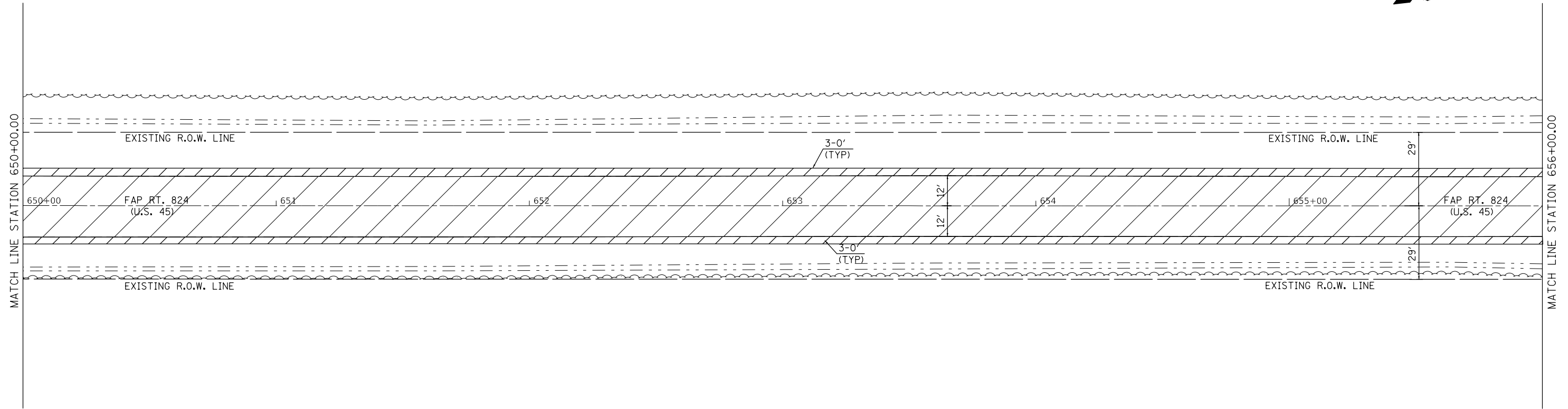
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

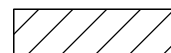
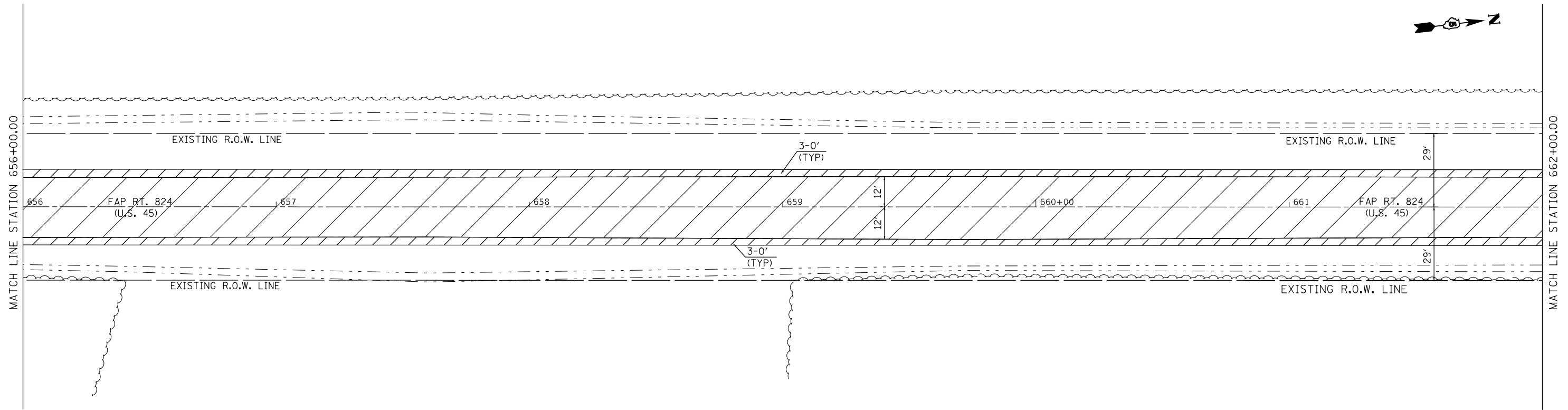
SCALE: SHEET 3 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	29
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

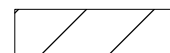
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05797\DRAWING\05797\Design\0579786-shr-Plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

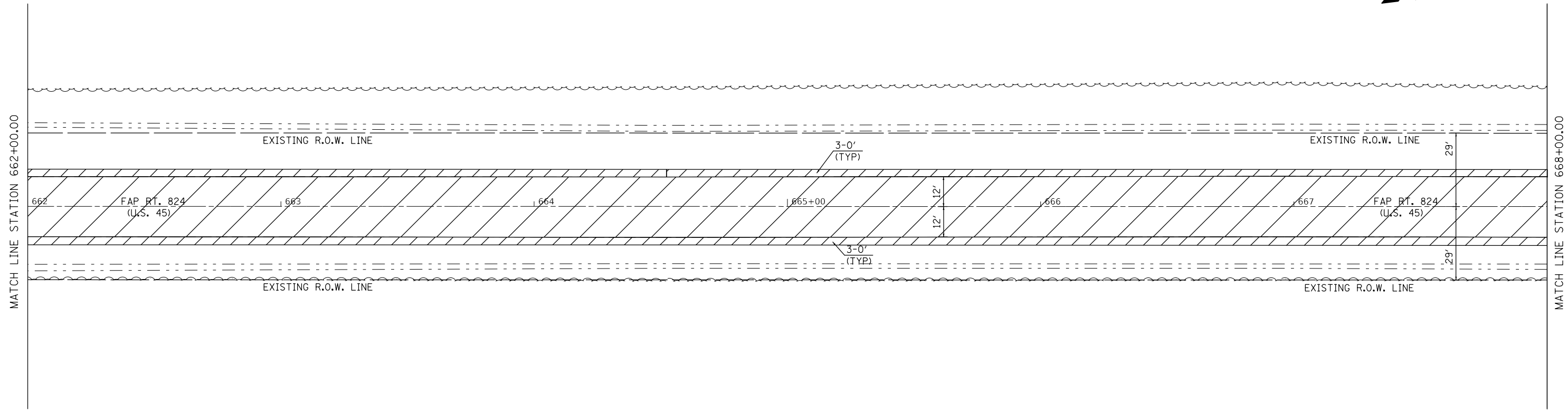
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

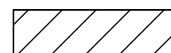
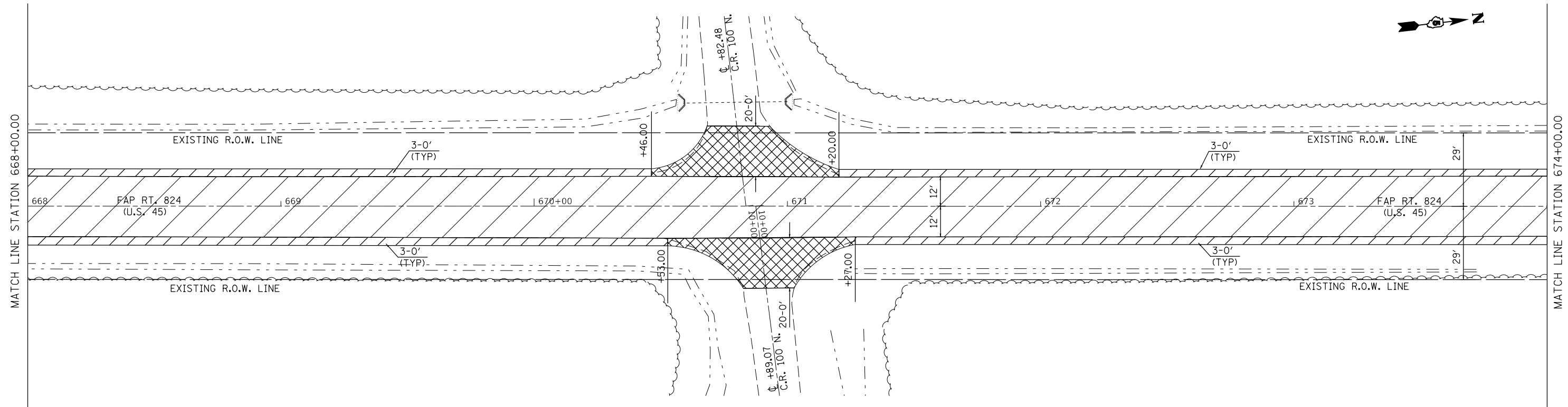
SCALE: SHEET 4 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	30
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

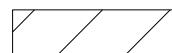
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\DRAWING\0579\Design\0579\0786-shr-Plan.dgn		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

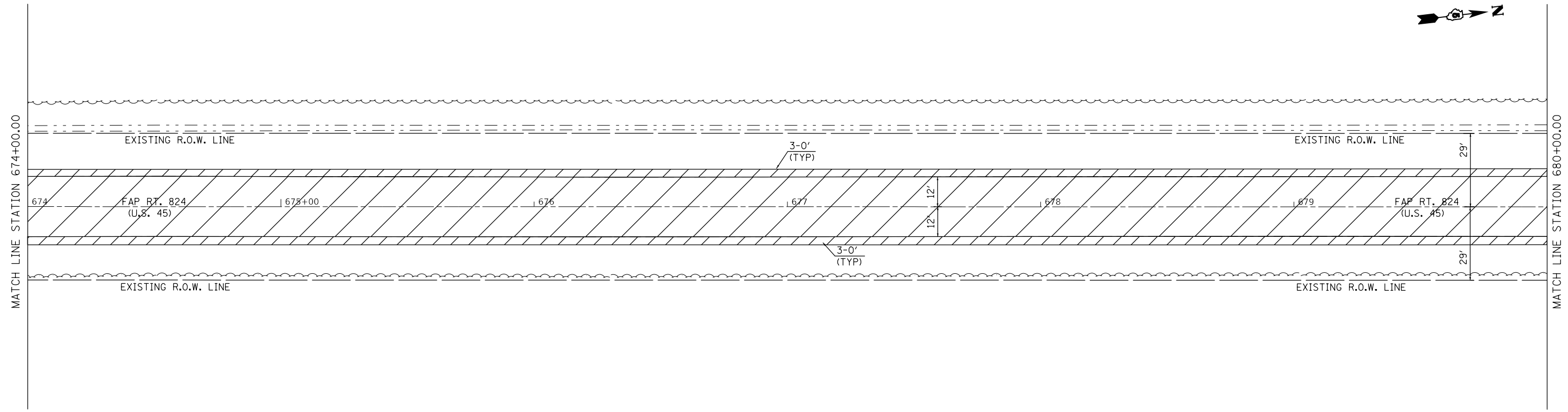
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

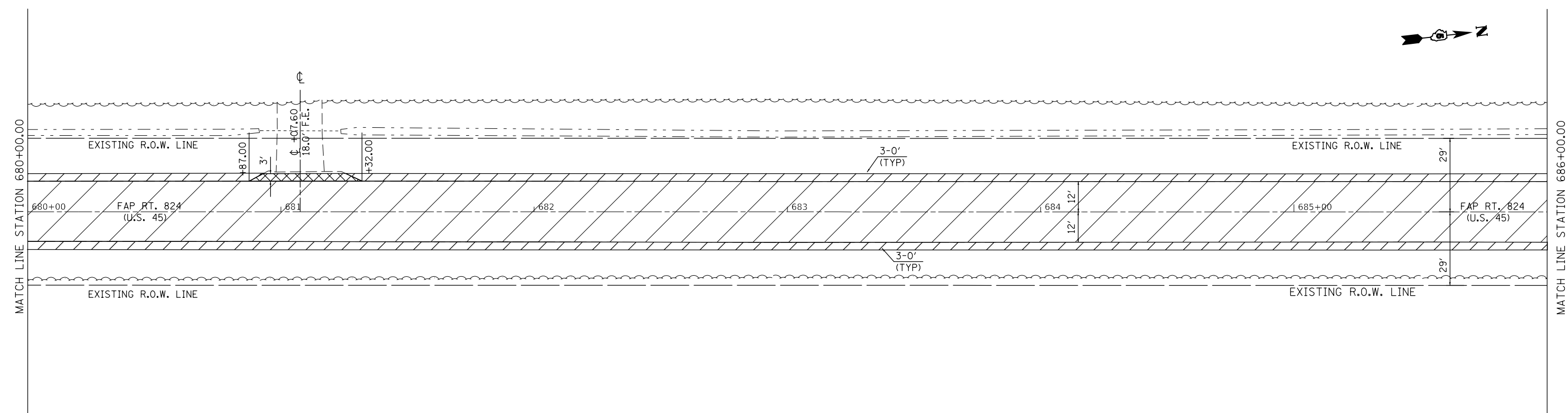
SCALE: SHEET 5 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	31
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	

SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B
 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

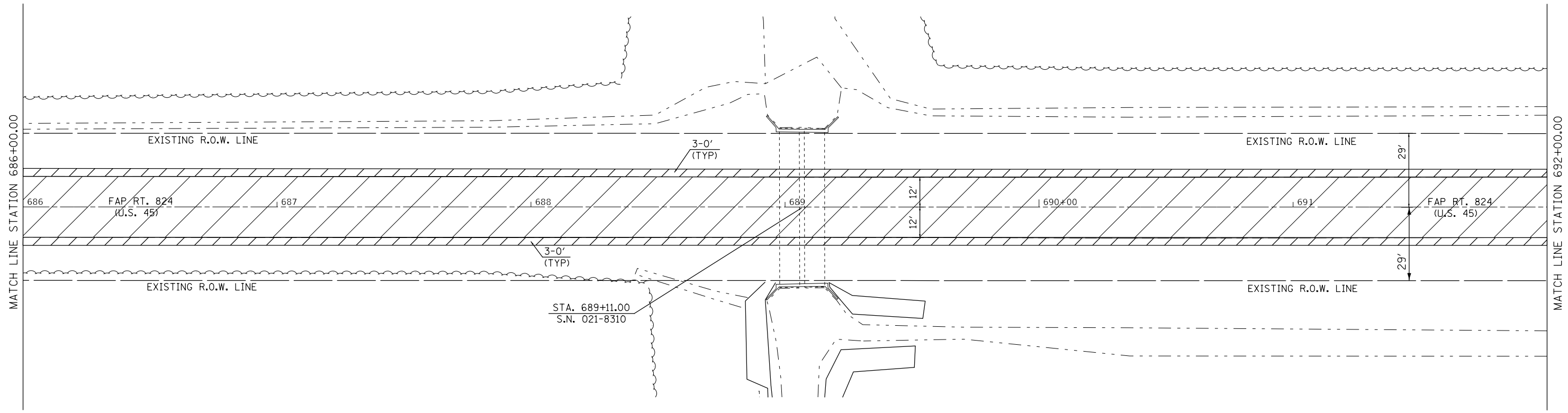
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

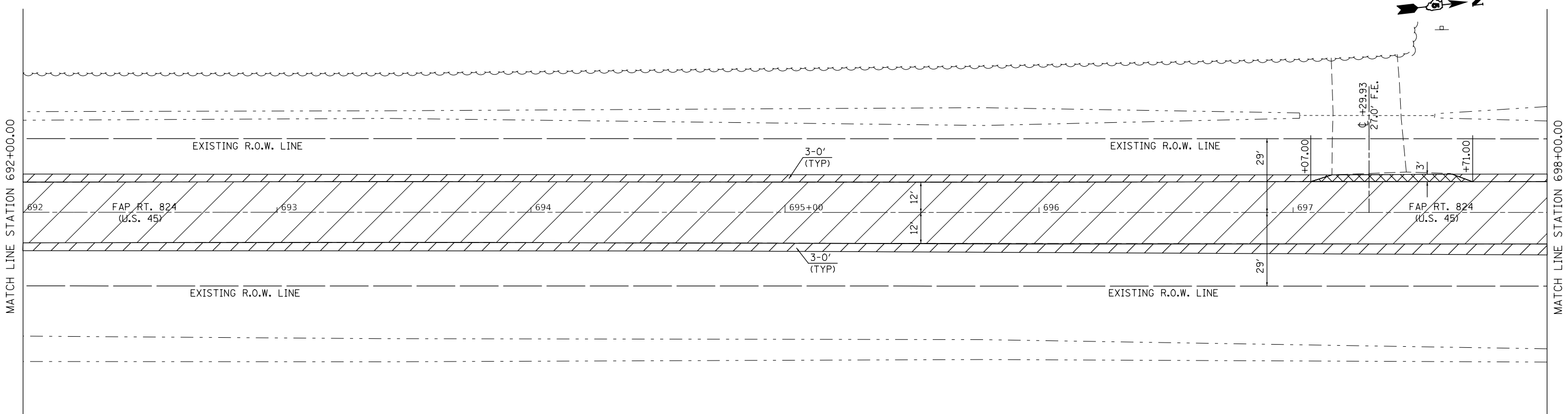
SCALE: SHEET 6 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	32	
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

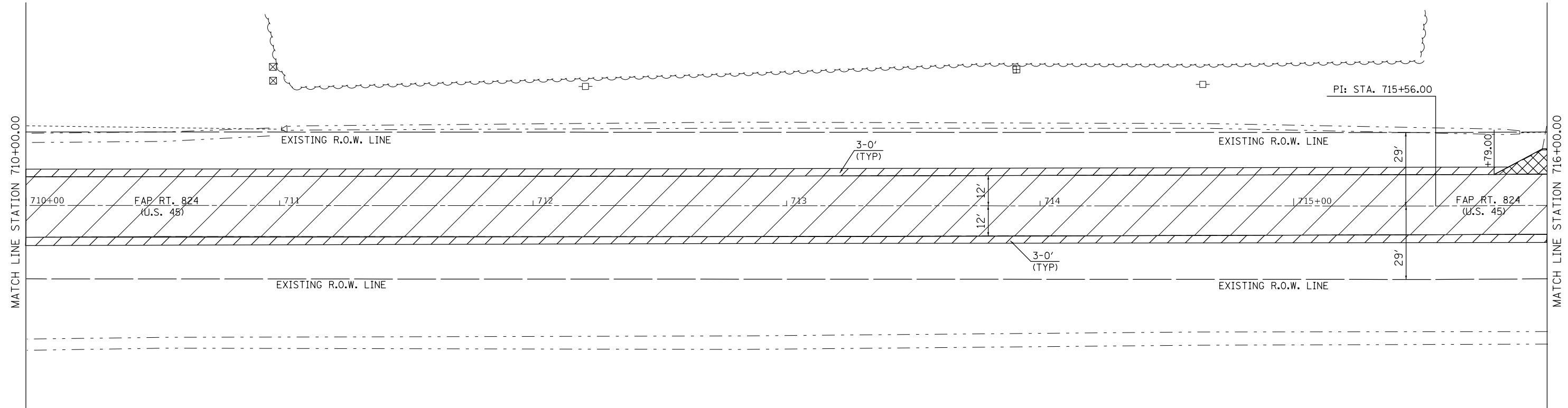
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

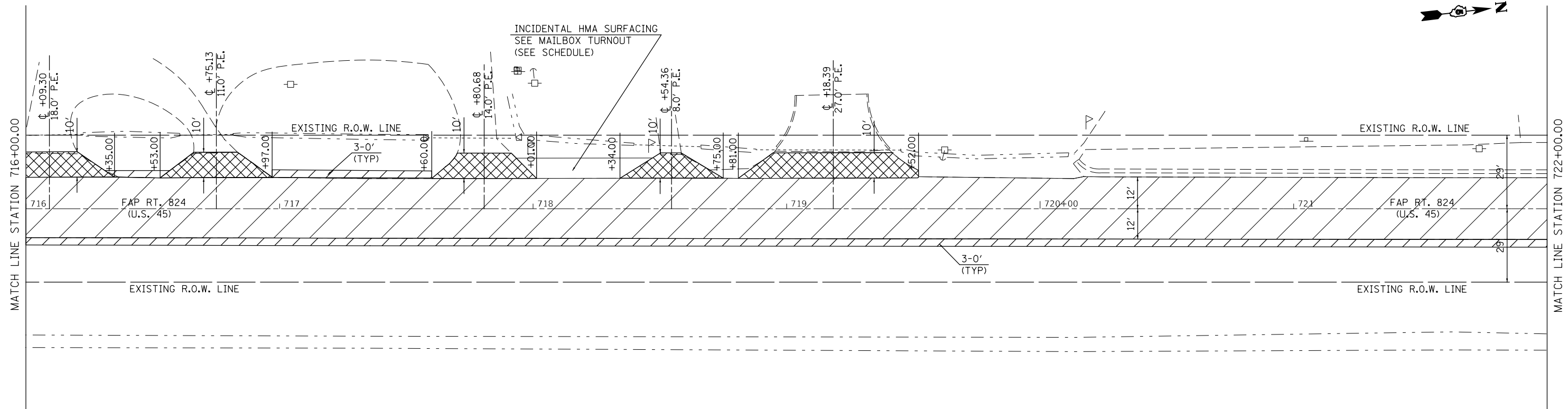
SCALE: SHEET 7 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	33
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

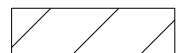
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.




SEC. 8, TWP 14N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\057786-shr-Plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

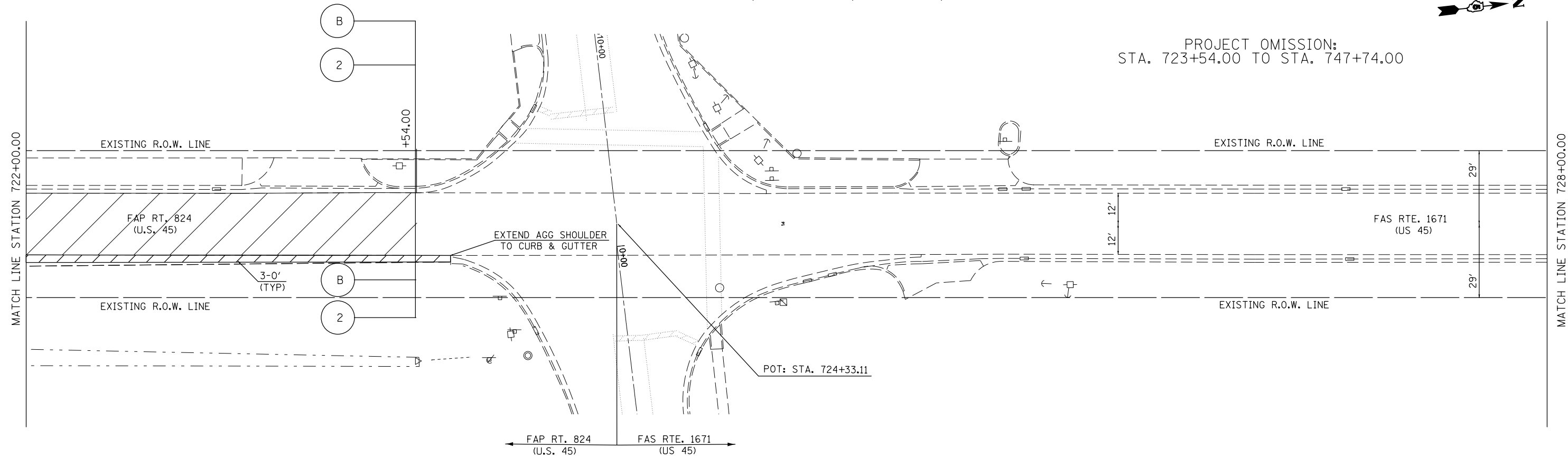
PLAN SHEET

SCALE: SHEET 9 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	35
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

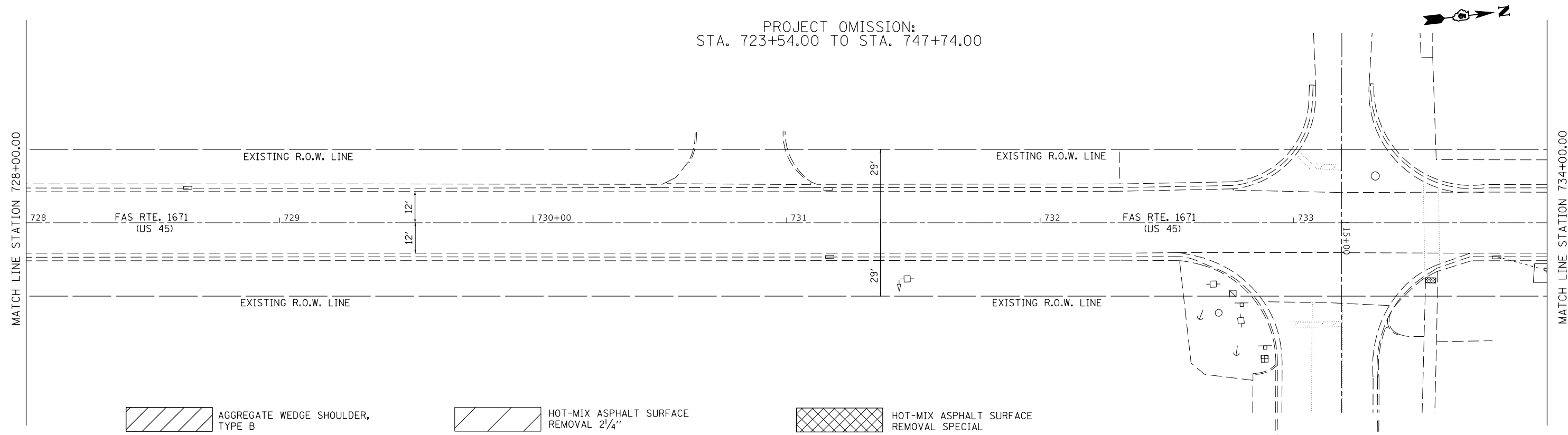
SEC. 8, TWP 14N, RNG 8E, 3RD P.M.

PROJECT OMISSION:
STA. 723+54.00 TO STA. 747+74.00



SEC. 4, TWP 14N, RNG 8E, 3RD P.M.

PROJECT OMISSION:
STA. 723+54.00 TO STA. 747+74.00



 AGGREGATE WEDGE SHOULDER, TYPE B
  HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
  HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

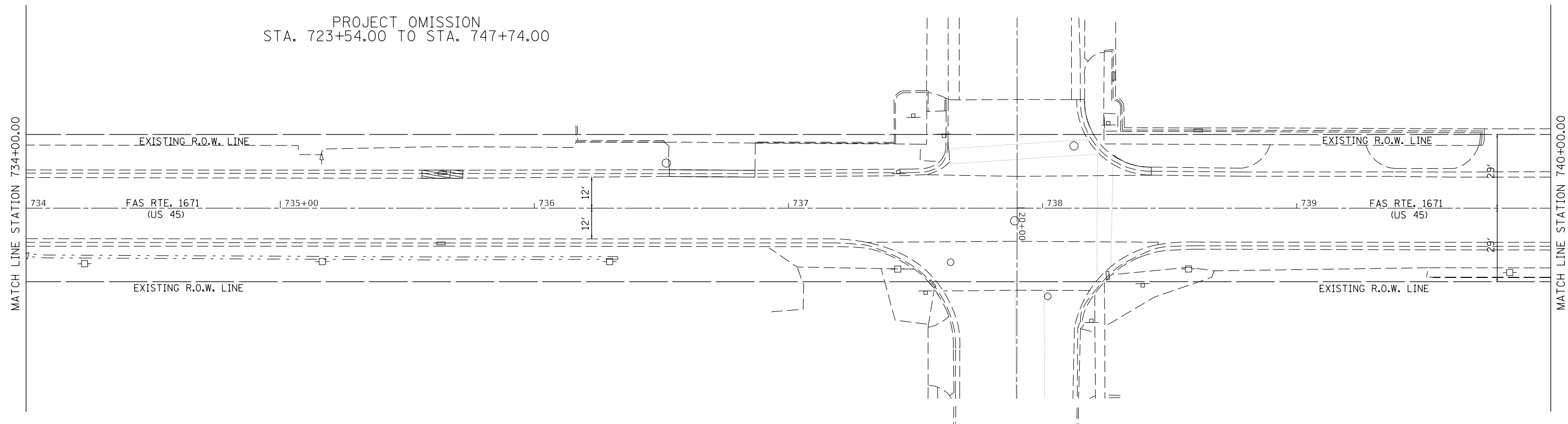
• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\Drawings\Design\05770786-sh1-Plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET 10	OF 63 SHEETS	STA.	TO STA.	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	36
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70786								
	PLOT DATE = 3/22/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SEC. 4, TWP 14N, RNG 8E, 3RD P.M.



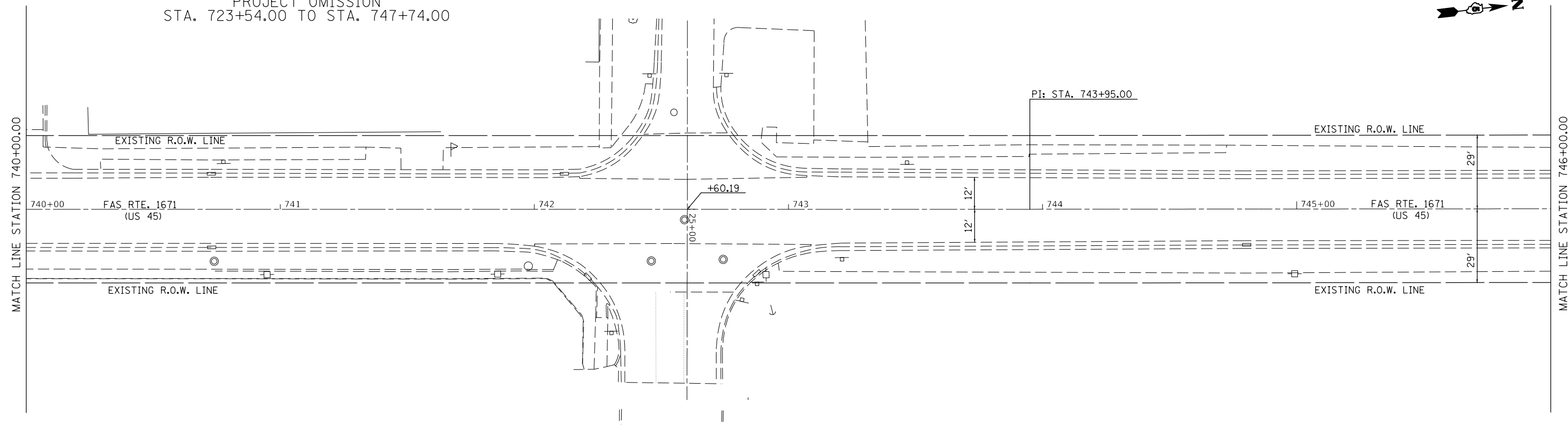
PROJECT OMISSION
STA. 723+54.00 TO STA. 747+74.00



SEC. 4, TWP 14N, RNG 8E, 3RD P.M.



PROJECT OMISSION
STA. 723+54.00 TO STA. 747+74.00



• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

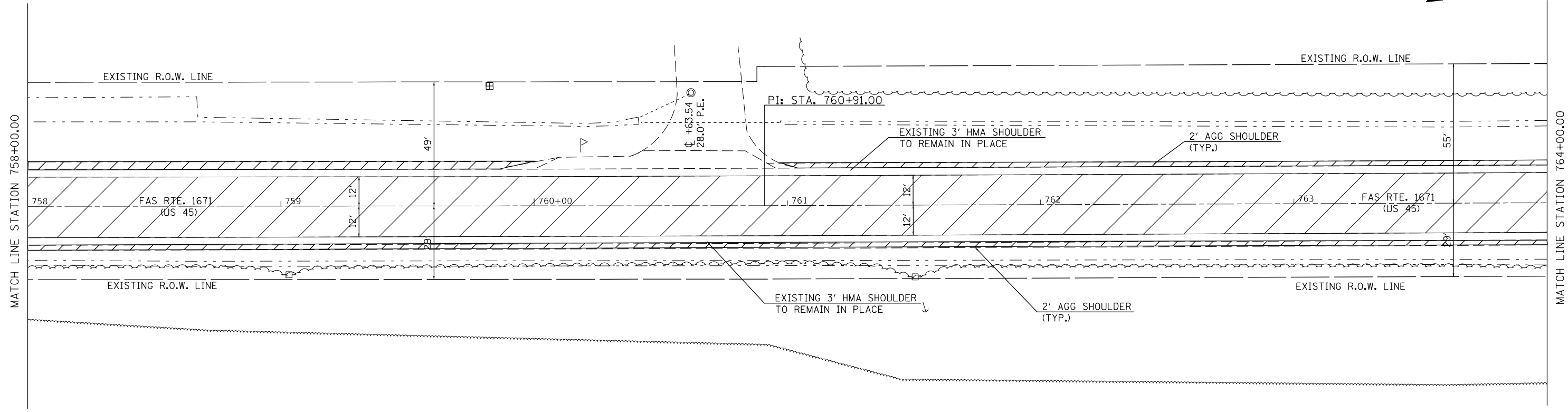
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

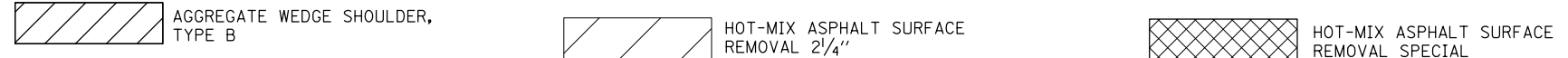
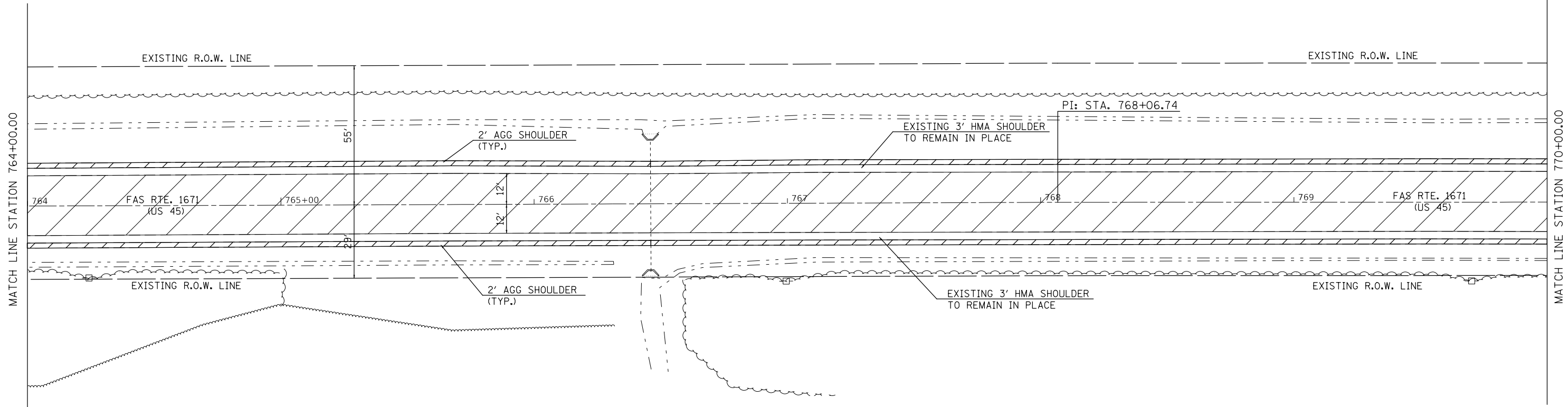
SCALE: SHEET 11 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	37
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 4, TWP 14N, RNG 8E, 3RD P.M.



SEC. 4, TWP 14N, RNG 8E, 3RD P.M.



• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

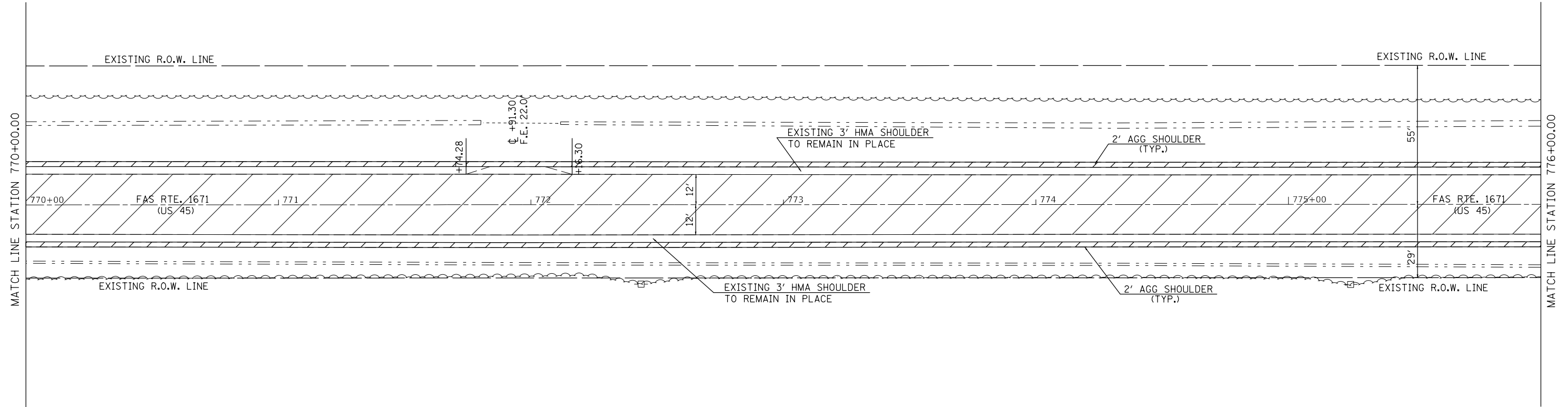
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

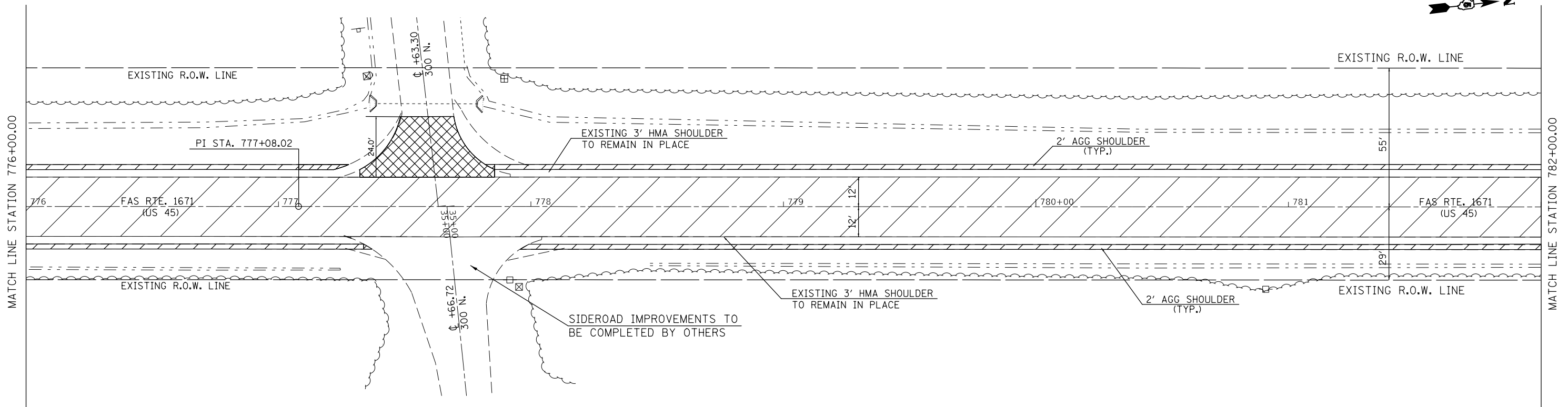
SCALE: SHEET 13 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	39
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 4, TWP 14N, RNG 8E, 3RD P.M.



SEC. 33, TWP 15N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

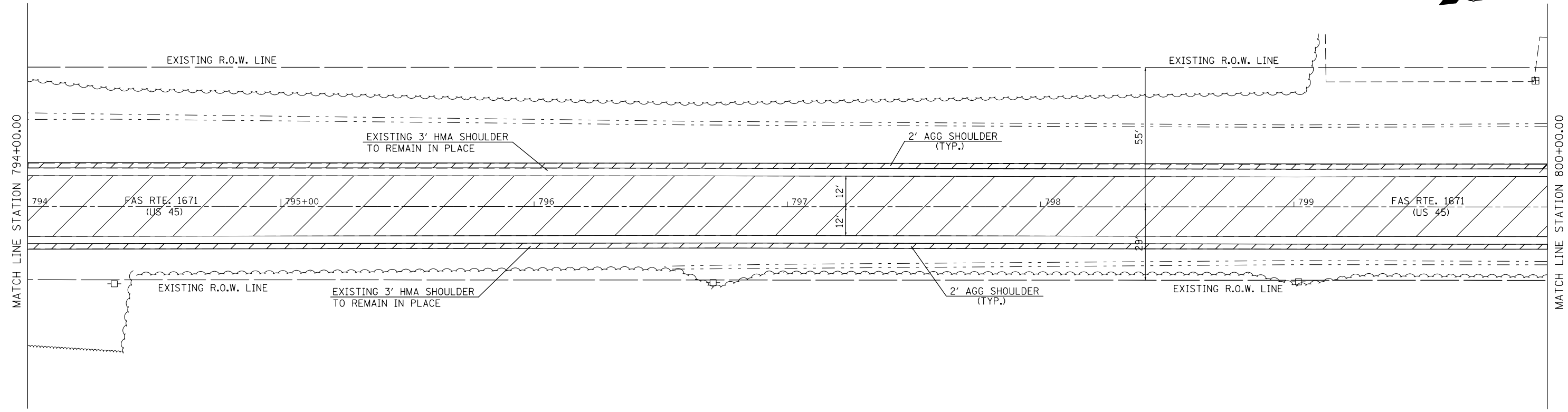
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

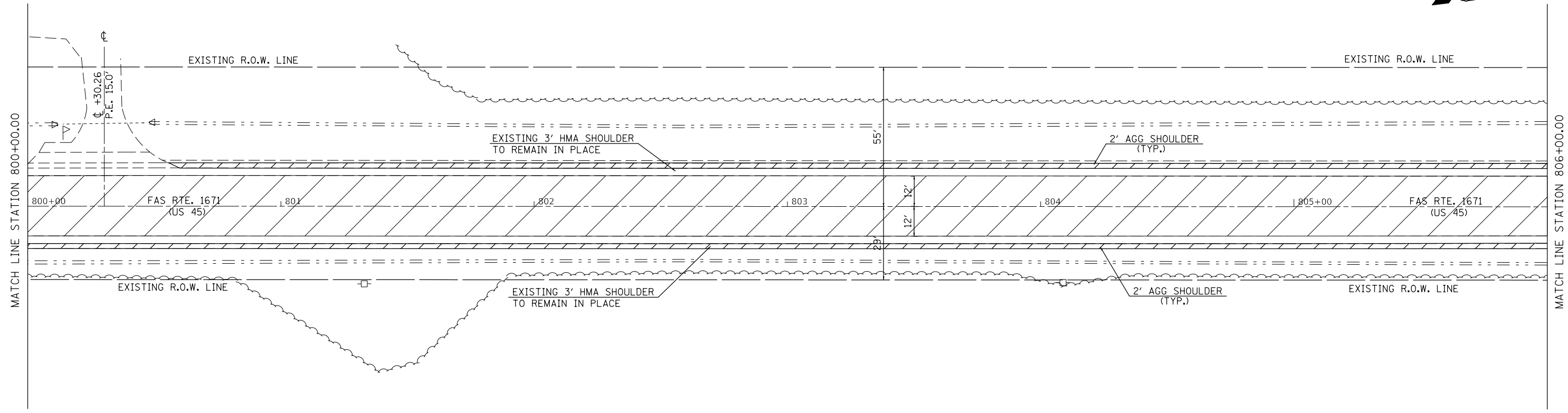
SCALE: SHEET 14 OF 63 SHEETS STA. TO STA.

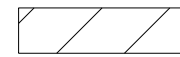
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	40
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 33, TWP 15N, RNG 8E, 3RD P.M.



SEC. 33, TWP 15N, RNG 8E, 3RD P.M.



 HOT-MIX ASPHALT SURFACE
REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE
REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

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		DATE -	REVISED -

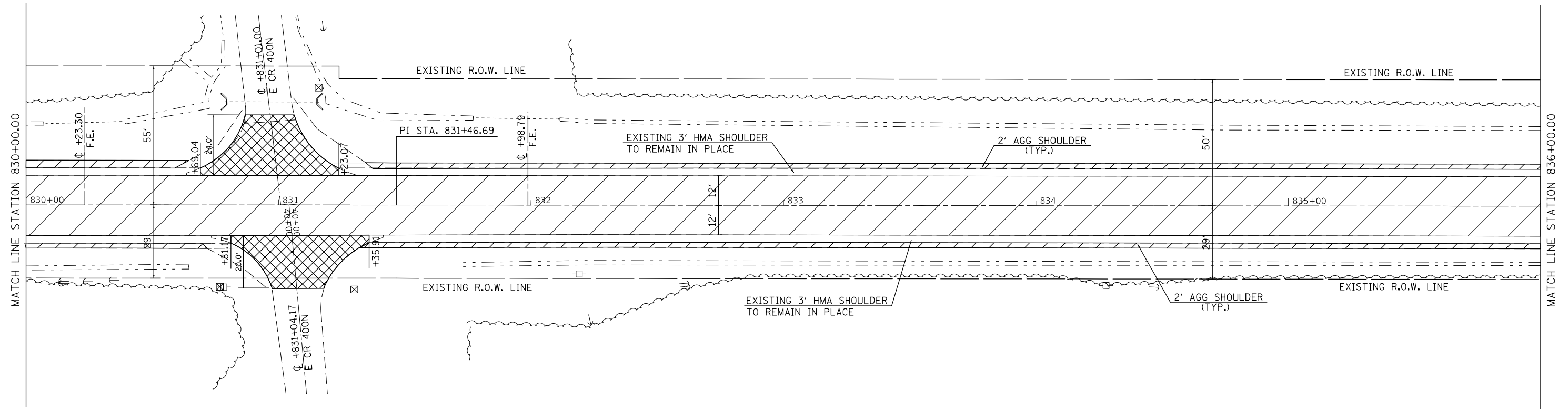
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

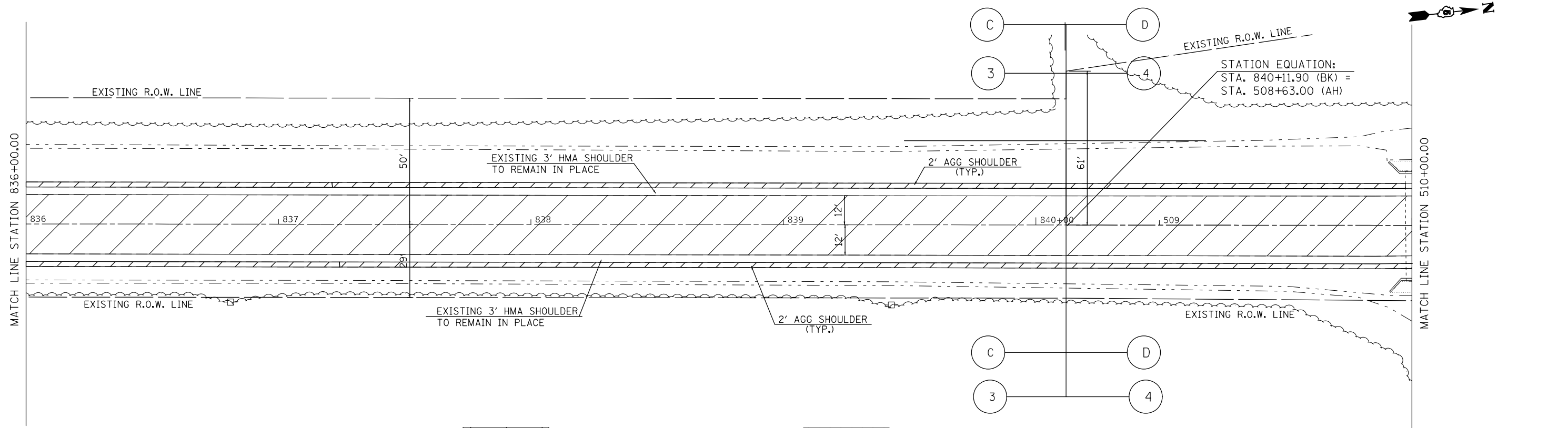
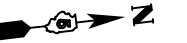
SCALE: SHEET 16 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	42
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 28, TWP 15N, RNG 8E, 3RD P.M.



SEC. 28, TWP 15N, RNG 8E, 3RD P.M.



AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

F.A.S. 1671 / F.A.P. 824

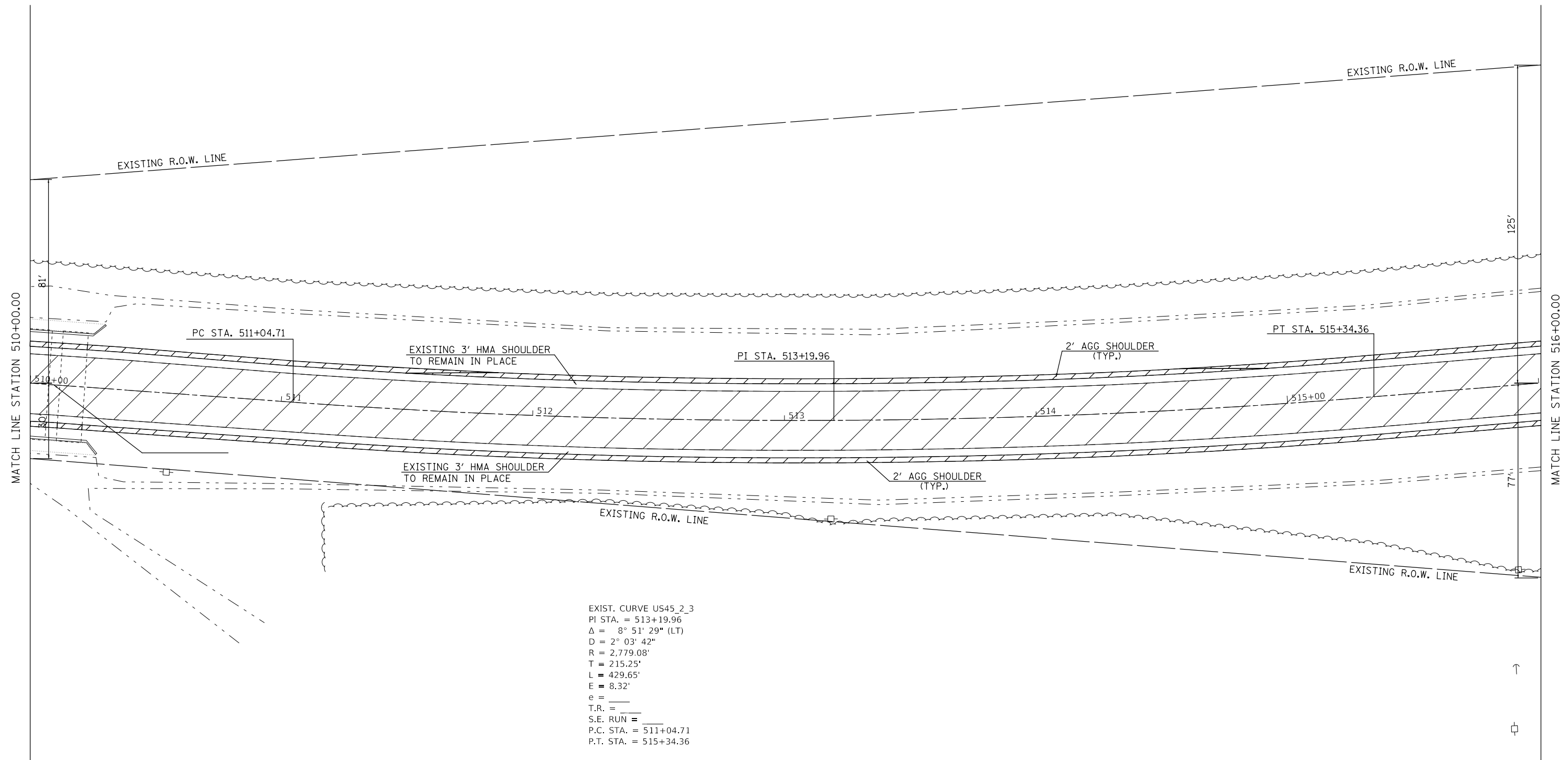
FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET 19 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	45
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE US45_2_3
 PI STA. = 513+19.96
 $\Delta = 8^\circ 51' 29''$ (LT)
 $D = 2^\circ 03' 42''$
 $R = 2,779.08'$
 $T = 215.25'$
 $L = 429.65'$
 $E = 8.32'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 511+04.71
 P.T. STA. = 515+34.36

 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

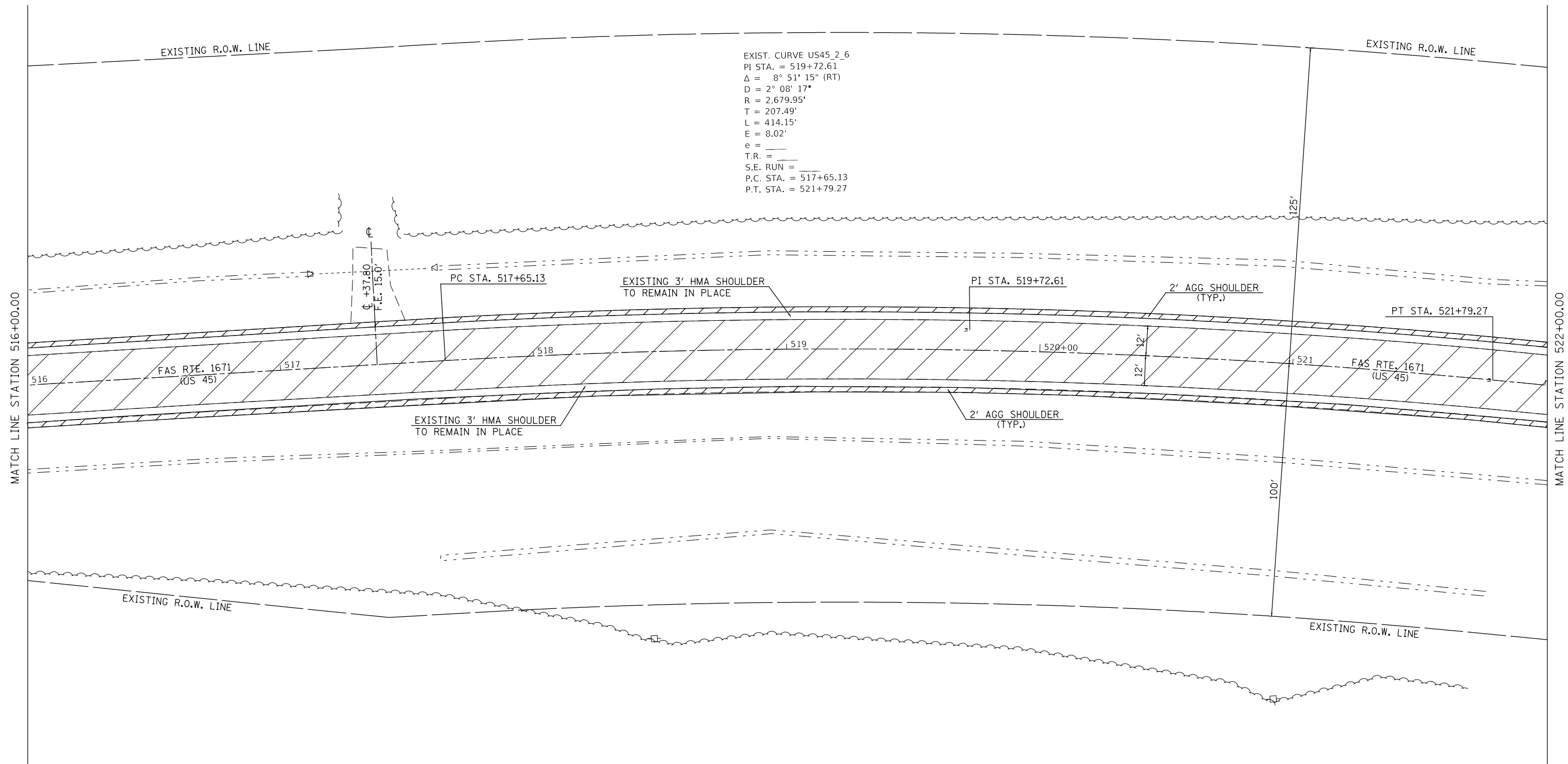
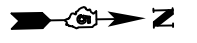
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET 20 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	46	
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE US45_2_6
 PI STA. = 519+72.61
 $\Delta = 8^\circ 51' 15''$ (RT)
 $D = 2^\circ 08' 17''$
 $R = 2,679.95'$
 $T = 207.49'$
 $L = 414.15'$
 $E = 8.02'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 517+65.13$
 $P.T. STA. = 521+79.27$

AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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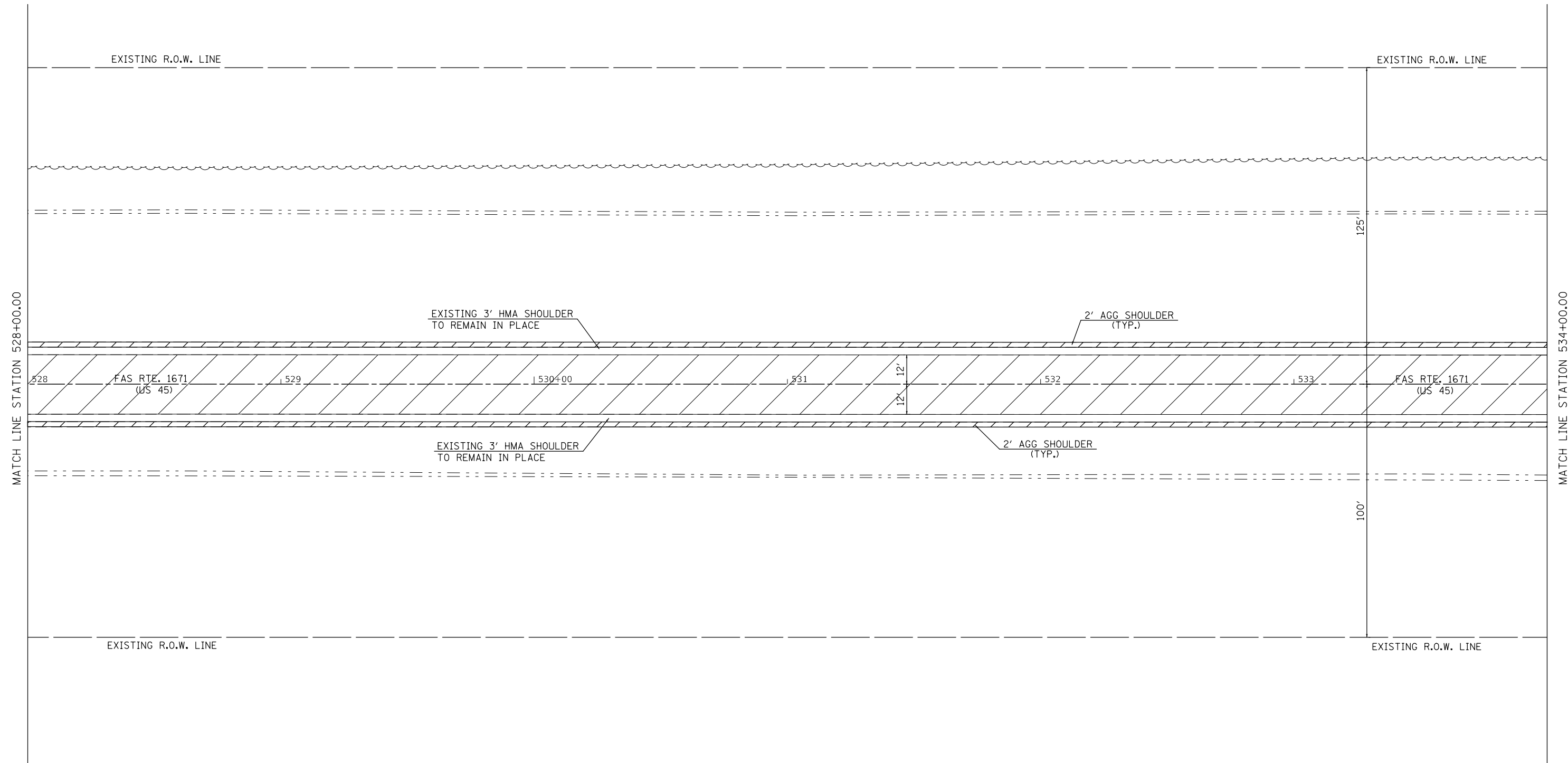
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET 21 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	47
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 28, TWP 15N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

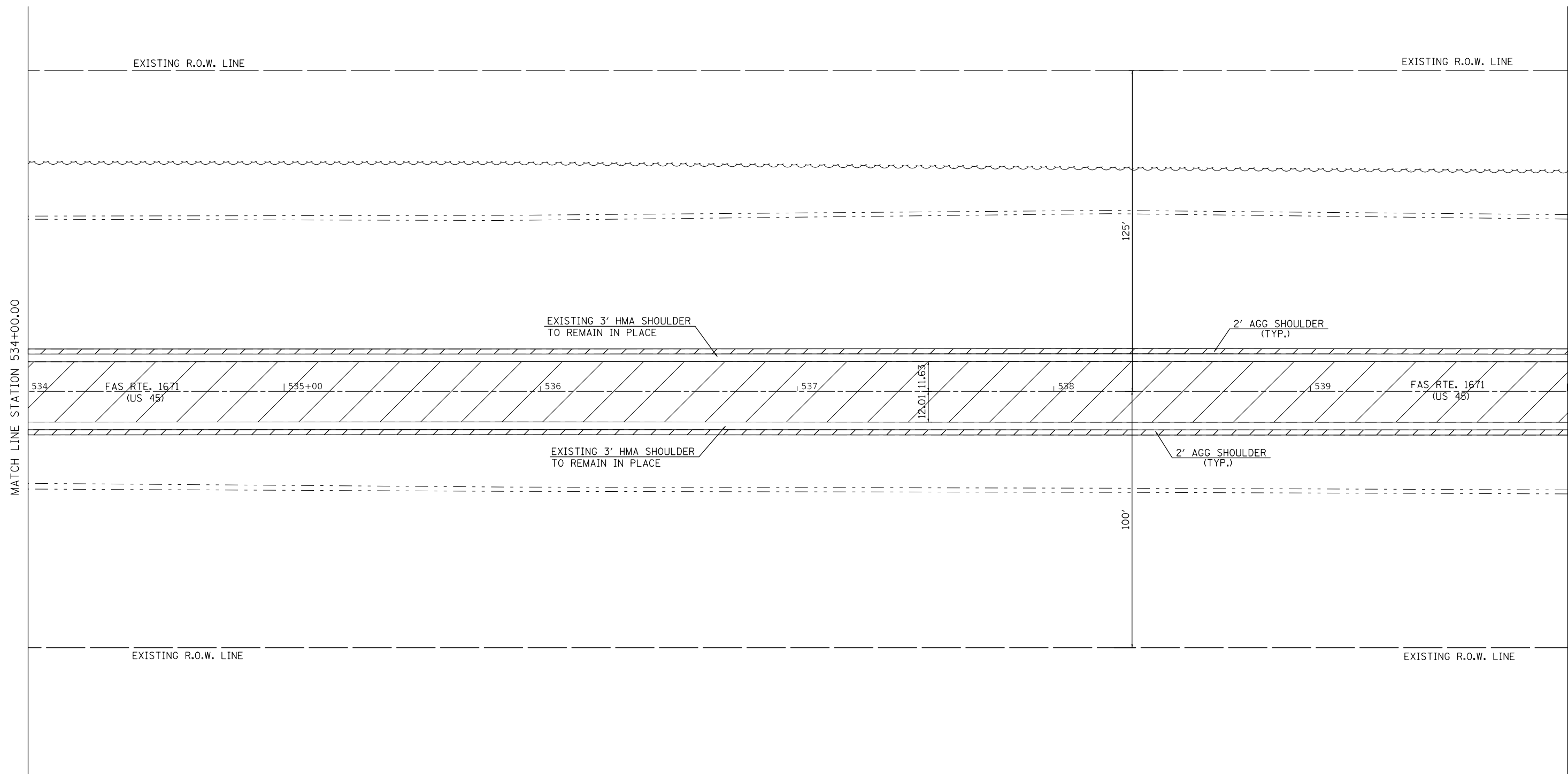
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MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 23 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	49
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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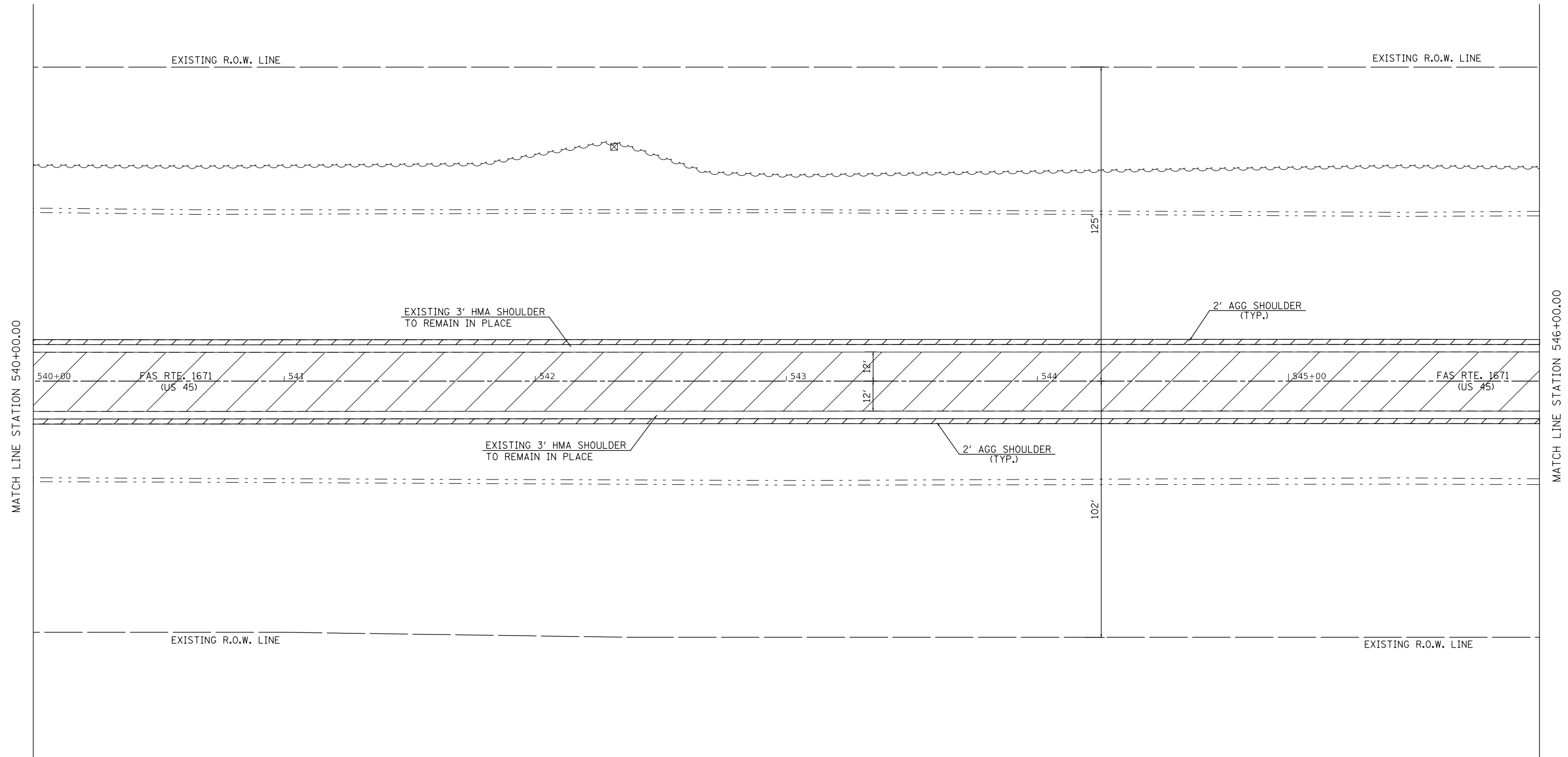
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 24 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	50
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	

SEC. 28, TWP 15N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

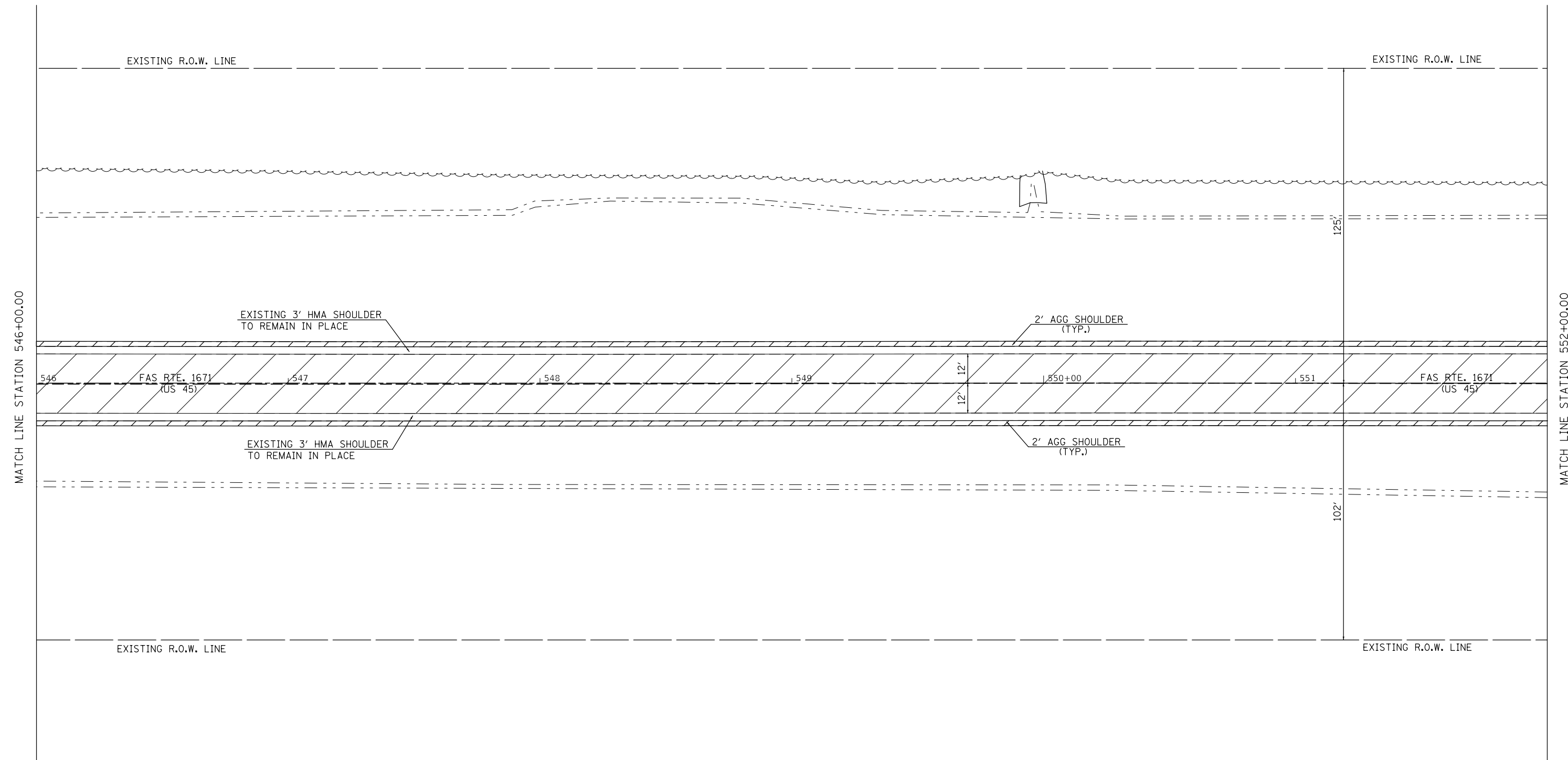
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 25 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	51
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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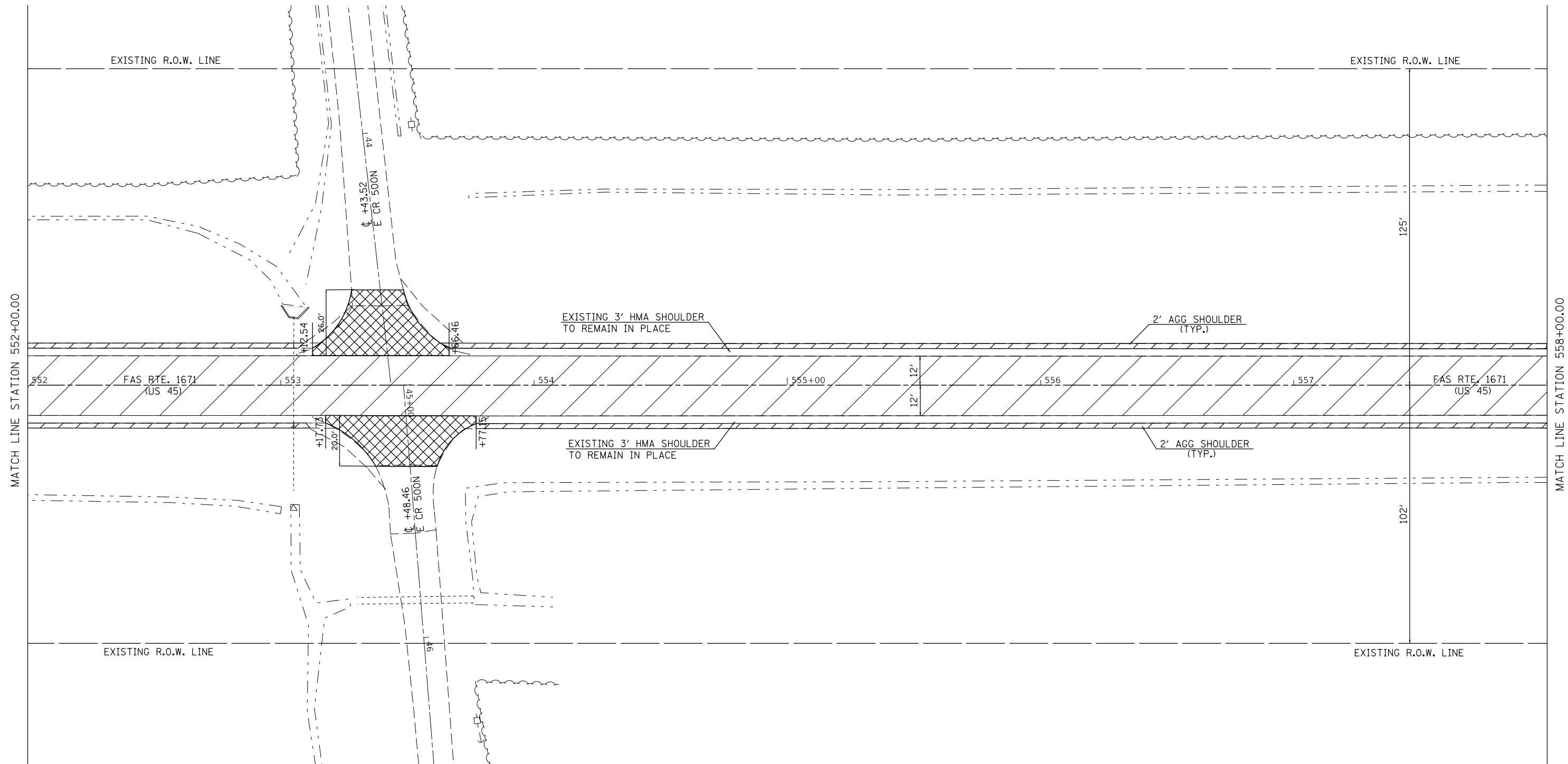
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 26 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	52
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 21, TWP 15N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

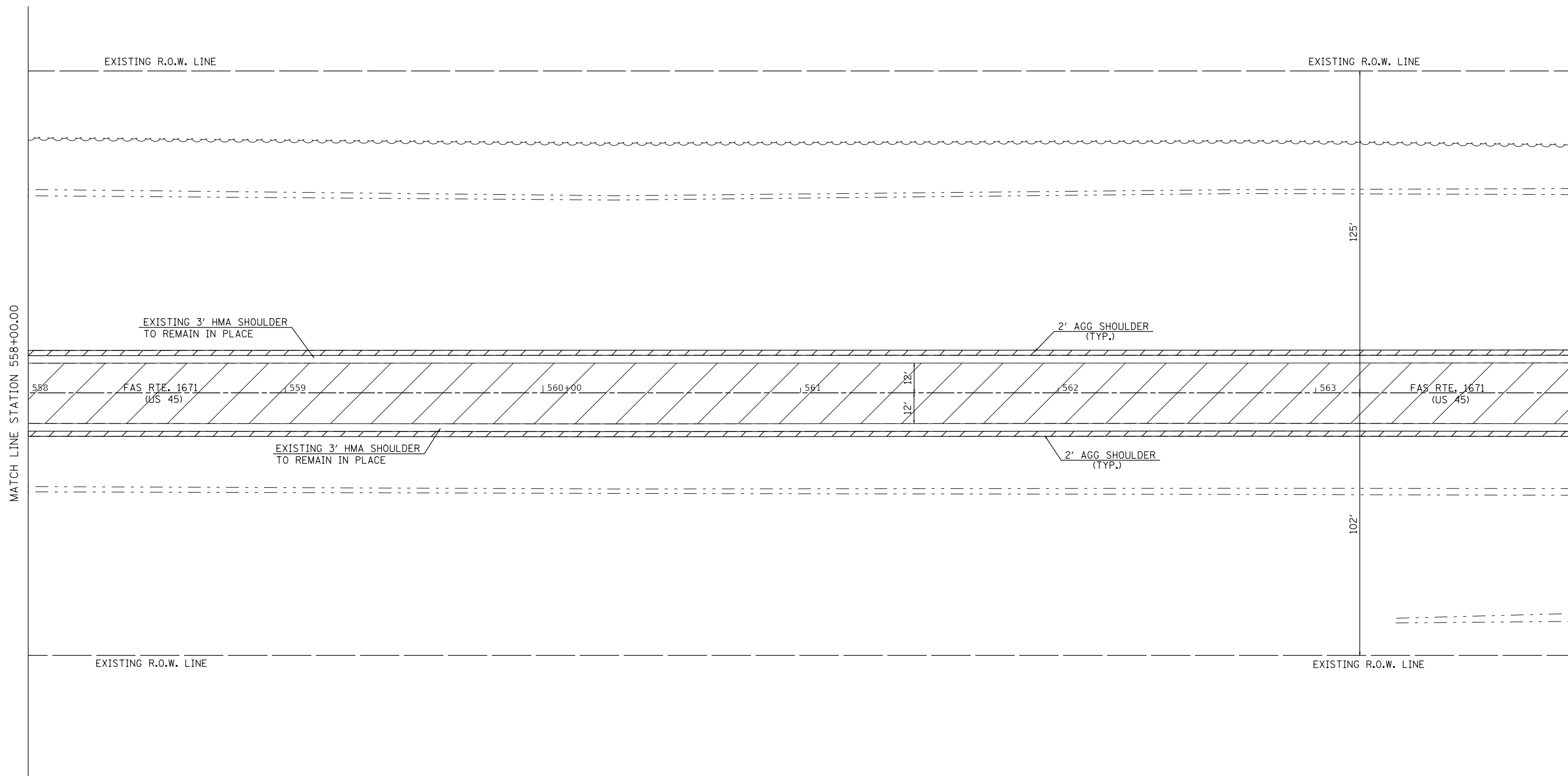
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		DATE -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

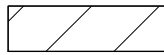
PLAN SHEET

SCALE: SHEET 27 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	53
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

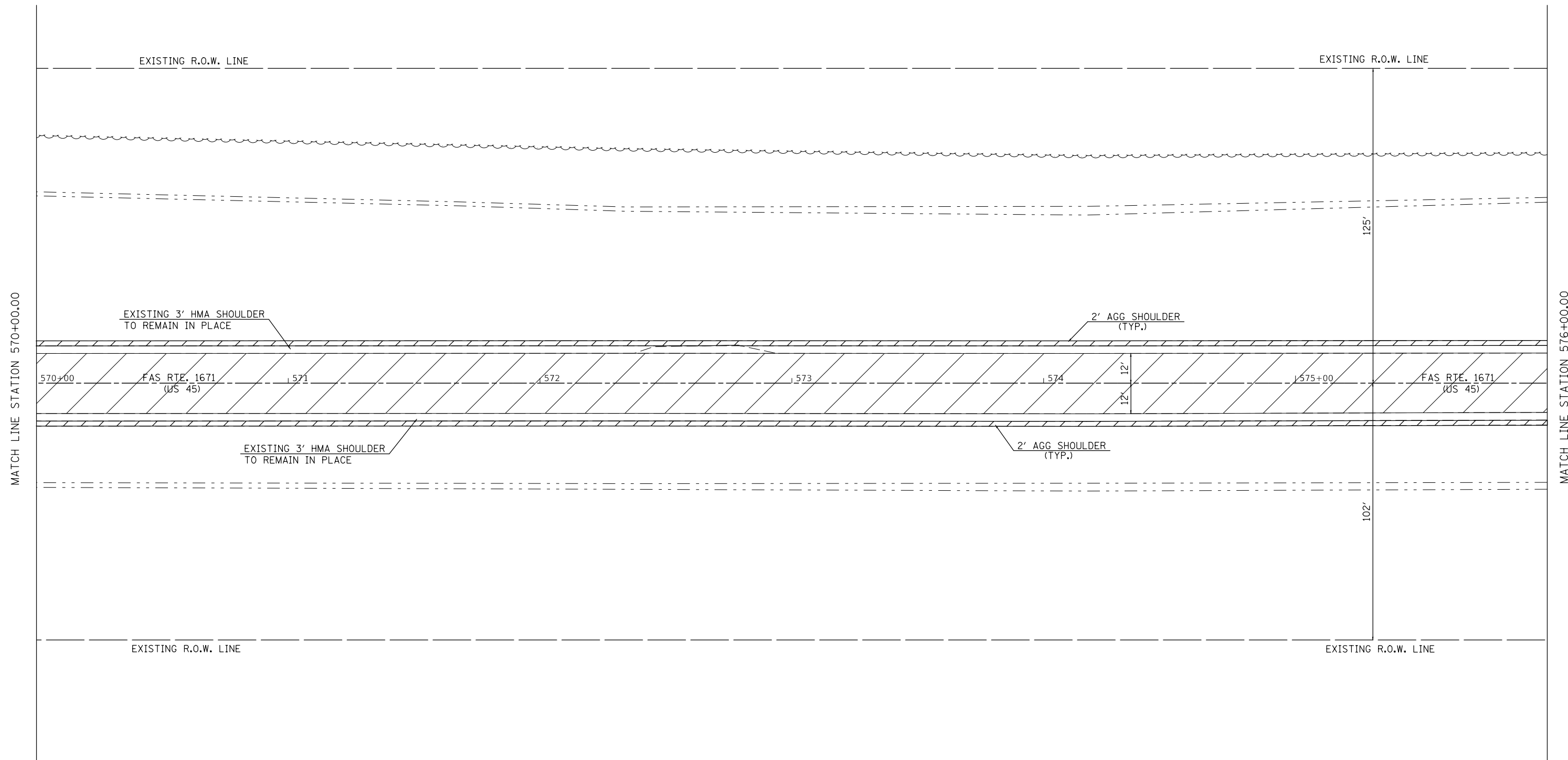
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MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 28 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	54
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

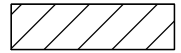
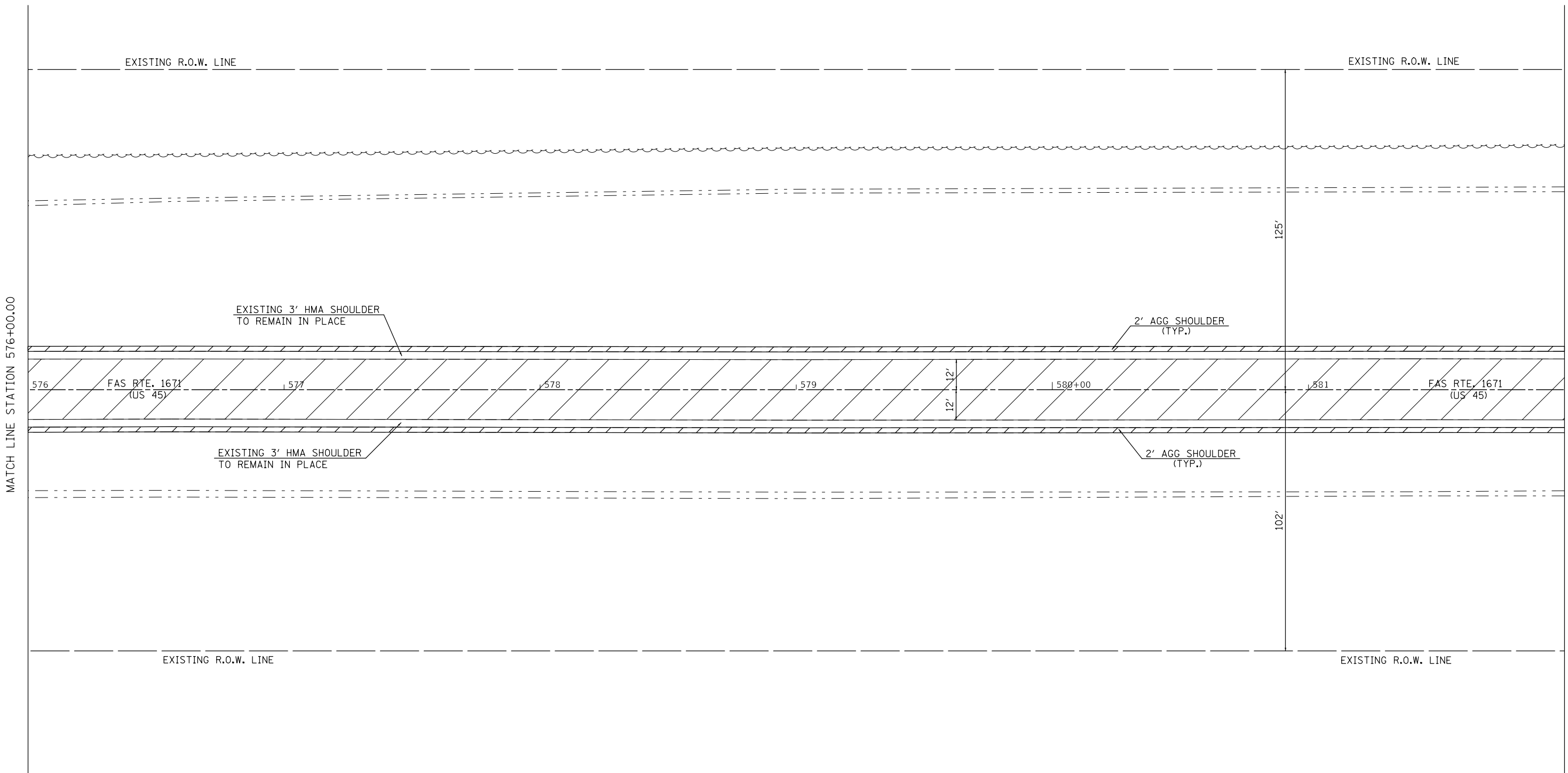
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

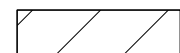
PLAN SHEET

SCALE: SHEET 30 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	56
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

F.A.S. 1671 / F.A.P. 824

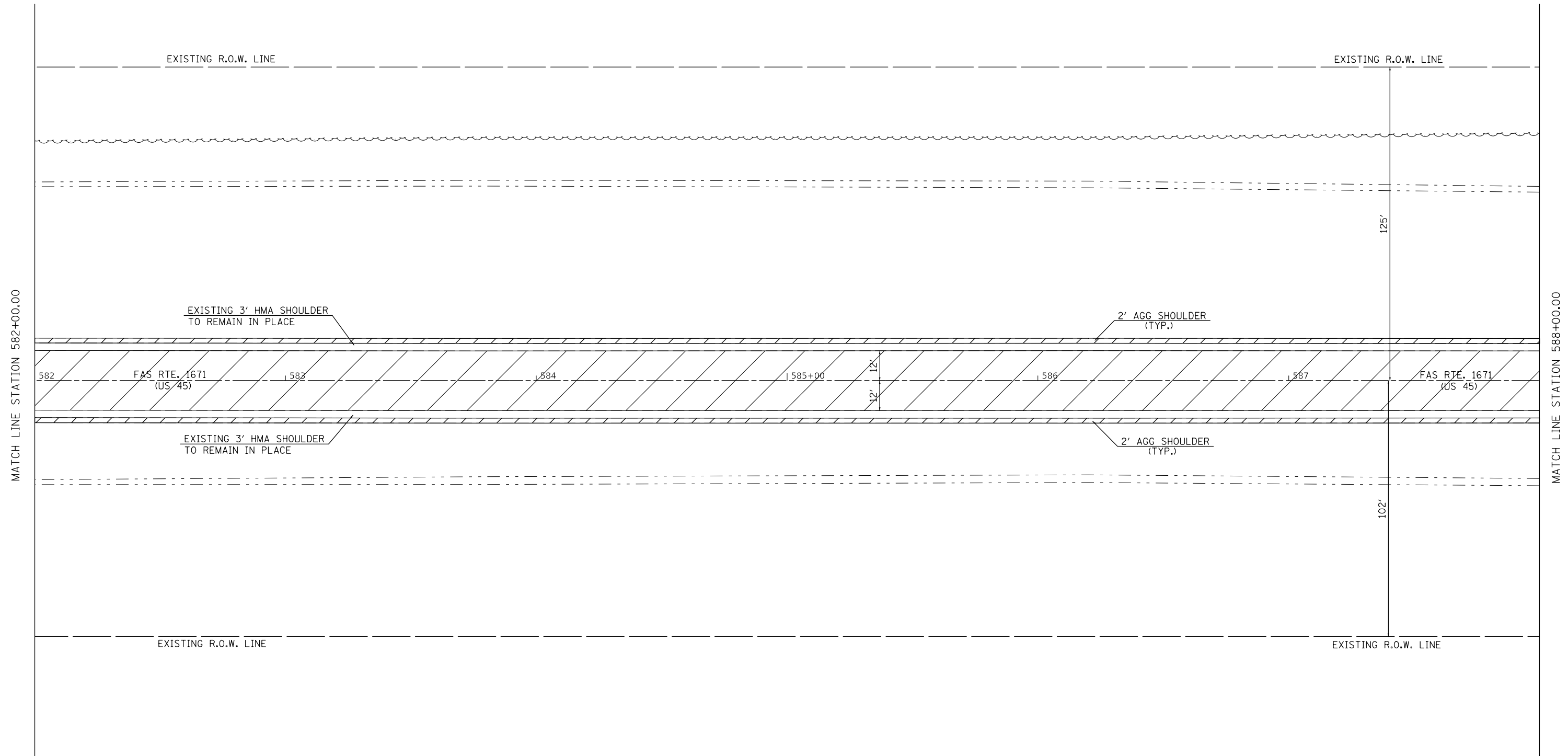
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	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 31 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	57
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

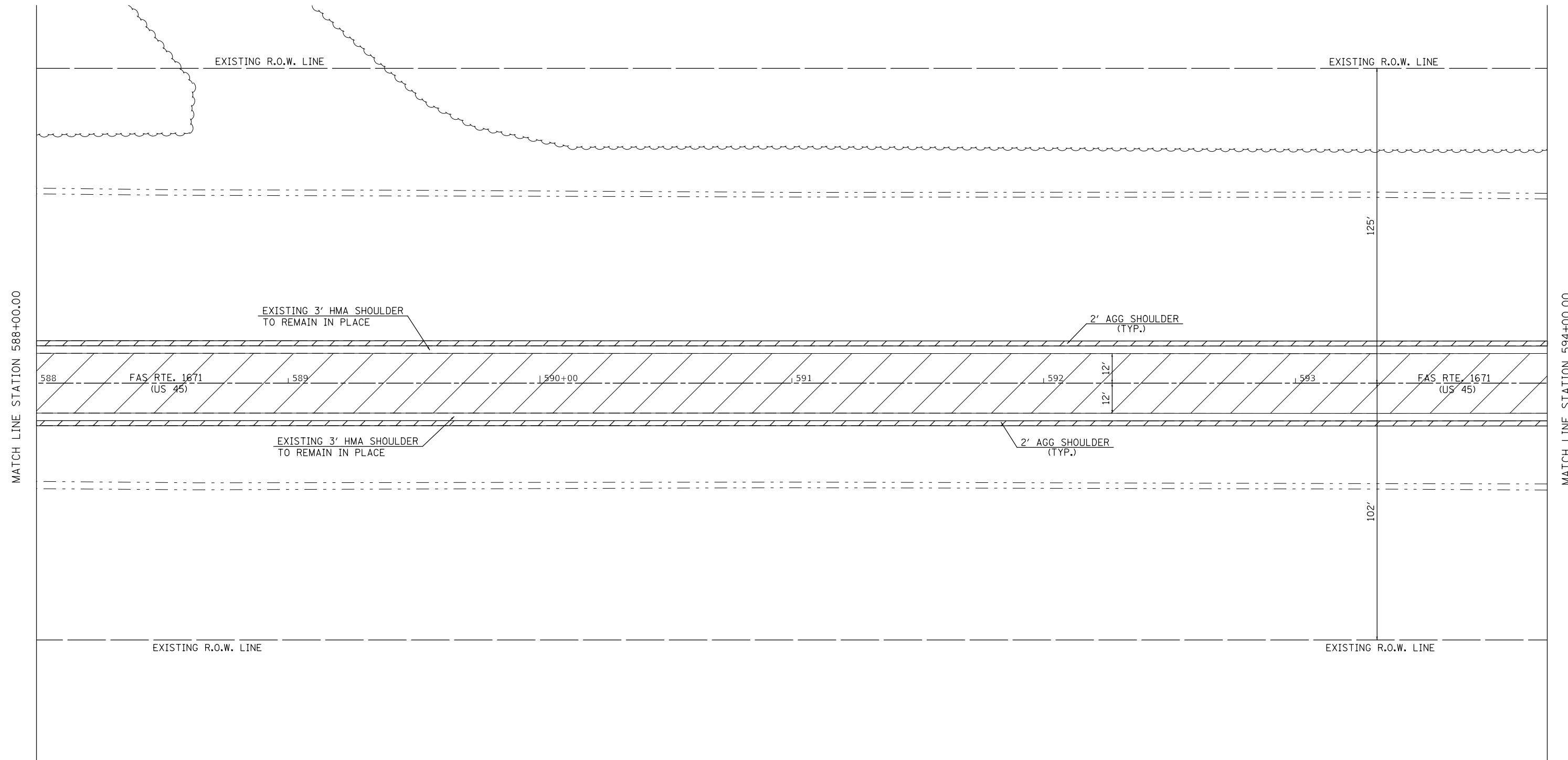
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 32 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	58
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



MATCH LINE STATION 588+00.00

MATCH LINE STATION 594+00.00

 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

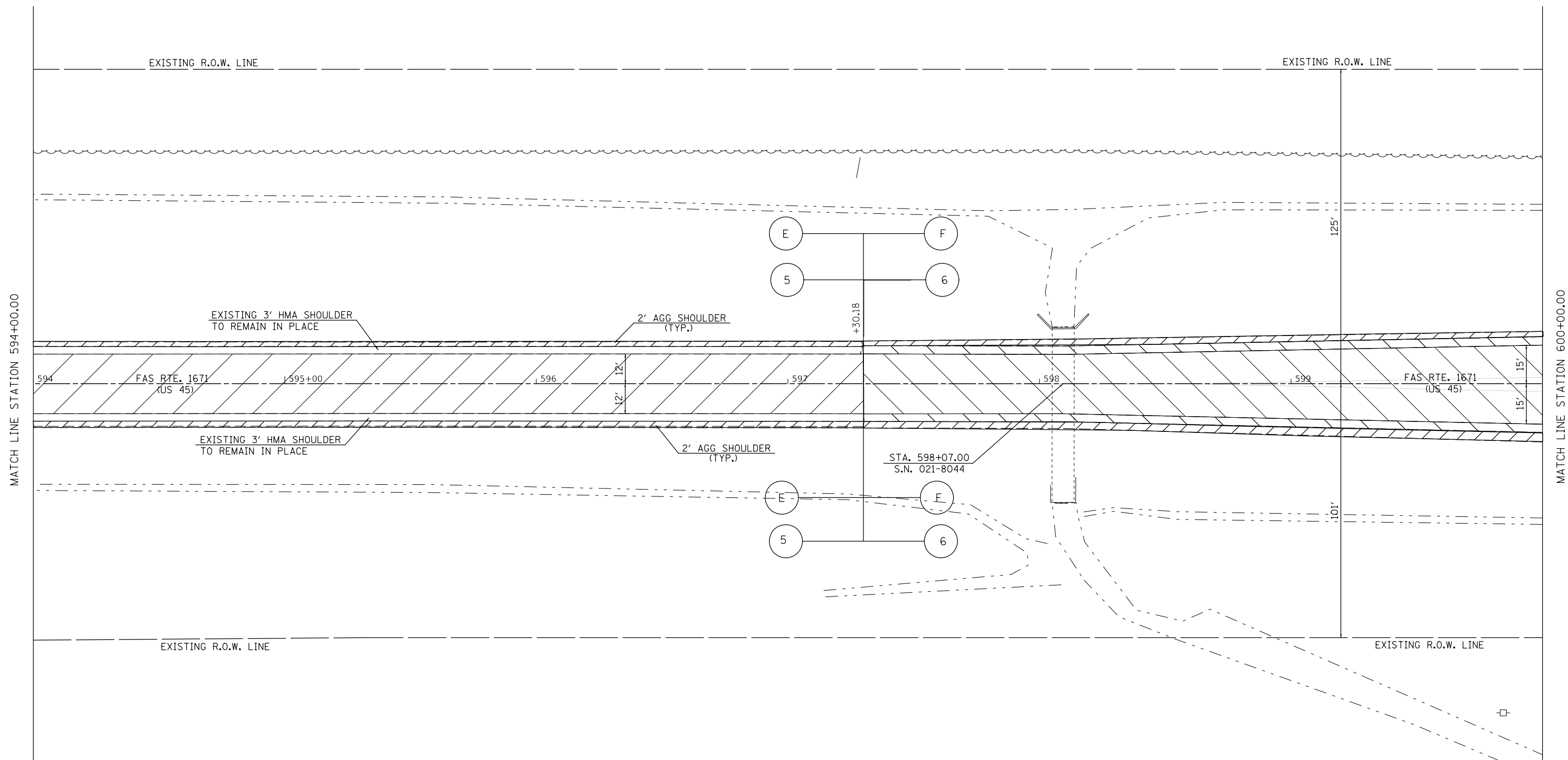
* F.A.S. 1671 / F.A.P. 824

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	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
SCALE: SHEET 33 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	59
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



• F.A.S. 1671 / F.A.P. 824

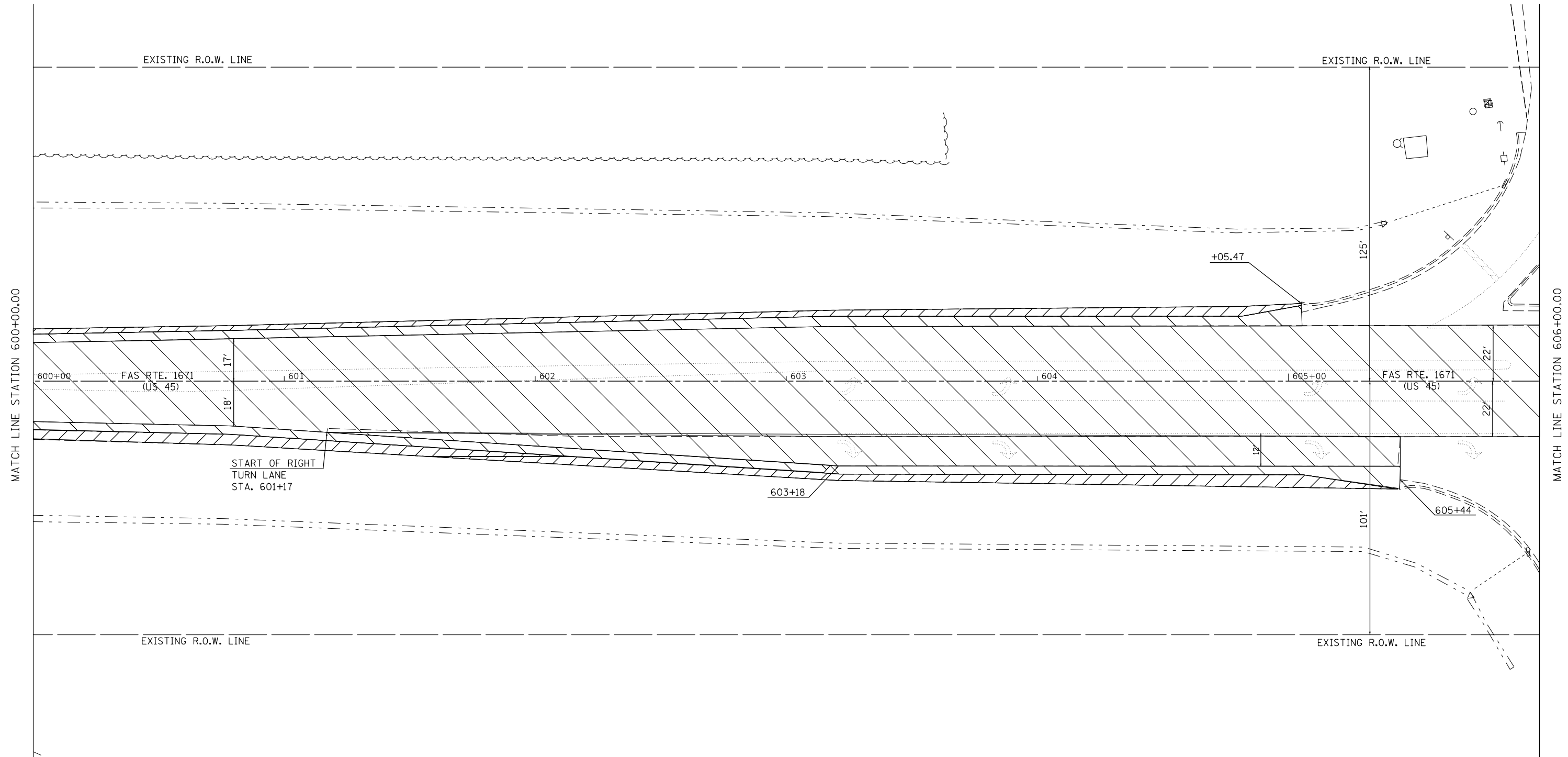
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	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

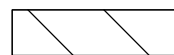
PLAN SHEET

SCALE: SHEET 34 OF 63 SHEETS STA. TO STA.

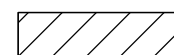
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	60
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



HOT-MIX ASPHALT SURFACE
REMOVAL SPECIAL



HOT-MIX ASPHALT SURFACE
REMOVAL 1/2"



AGGREGATE WEDGE SHOULDER,
TYPE B

* F.A.S. 1671 / F.A.P. 824

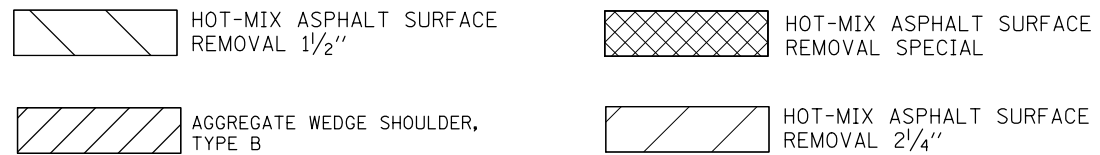
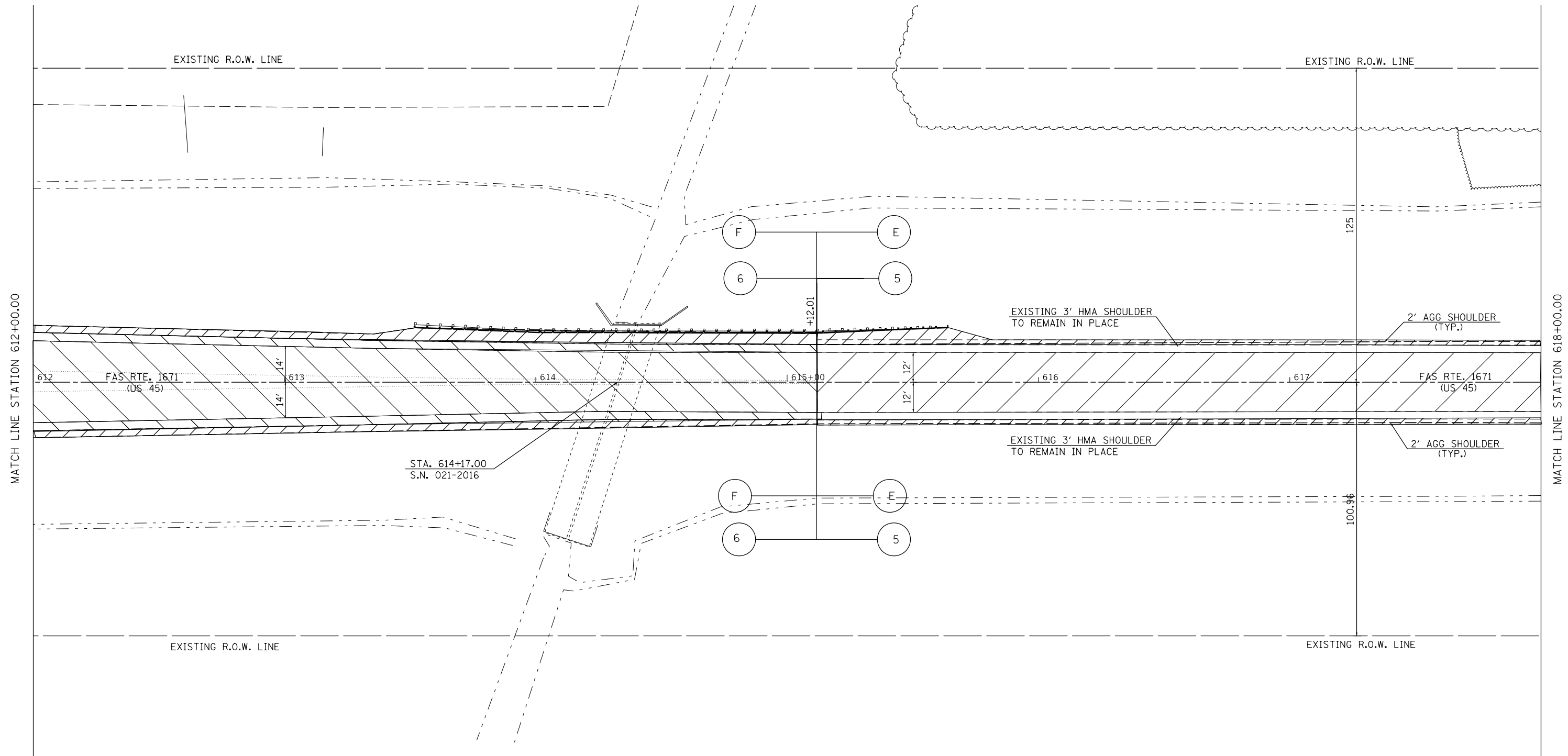
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET 35 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	61
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



• F.A.S. 1671 / F.A.P. 824

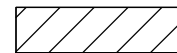
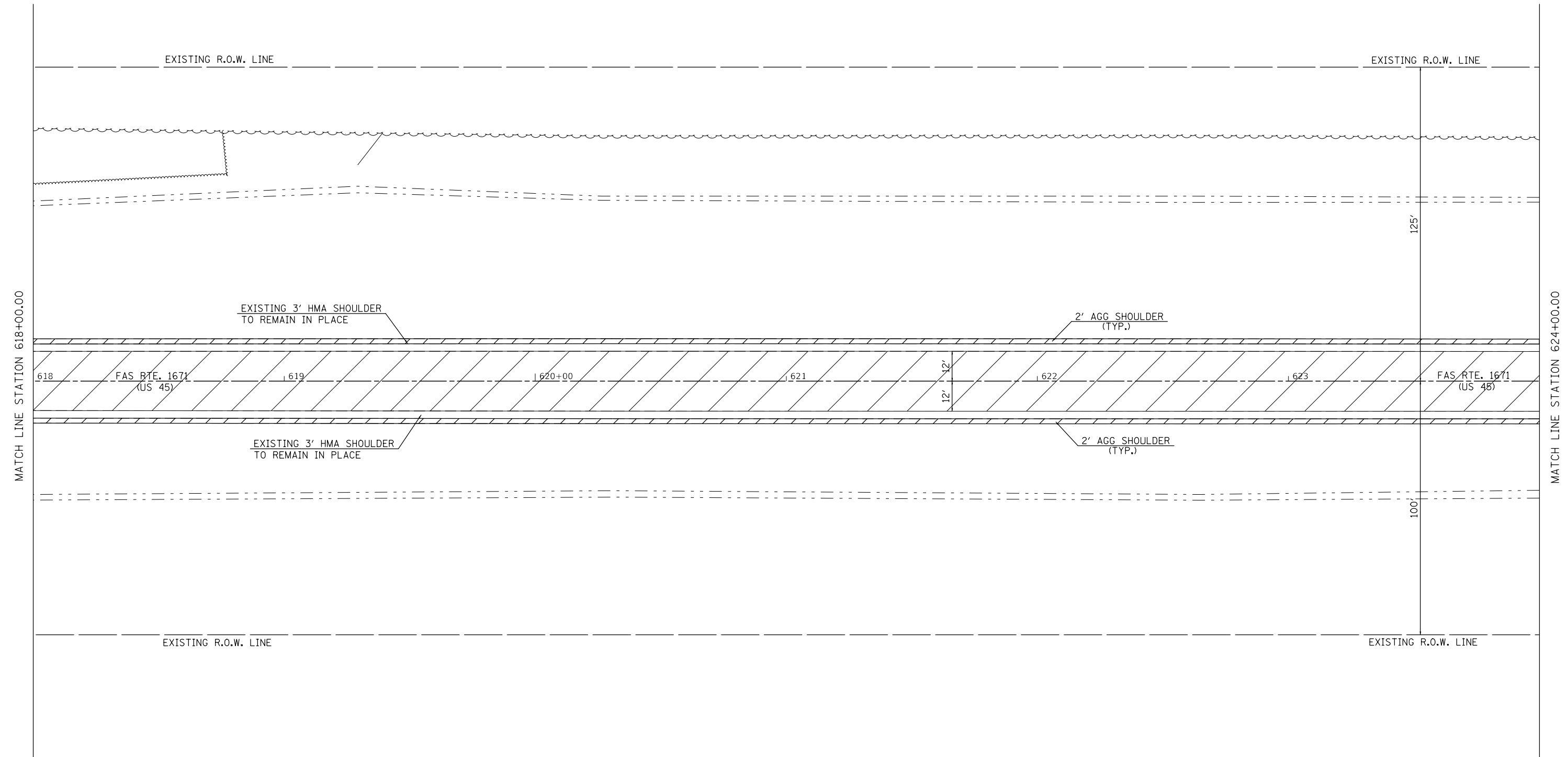
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	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

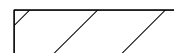
PLAN SHEET

SCALE: SHEET 37 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	63
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER,
TYPE B



HOT-MIX ASPHALT SURFACE
REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE
REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

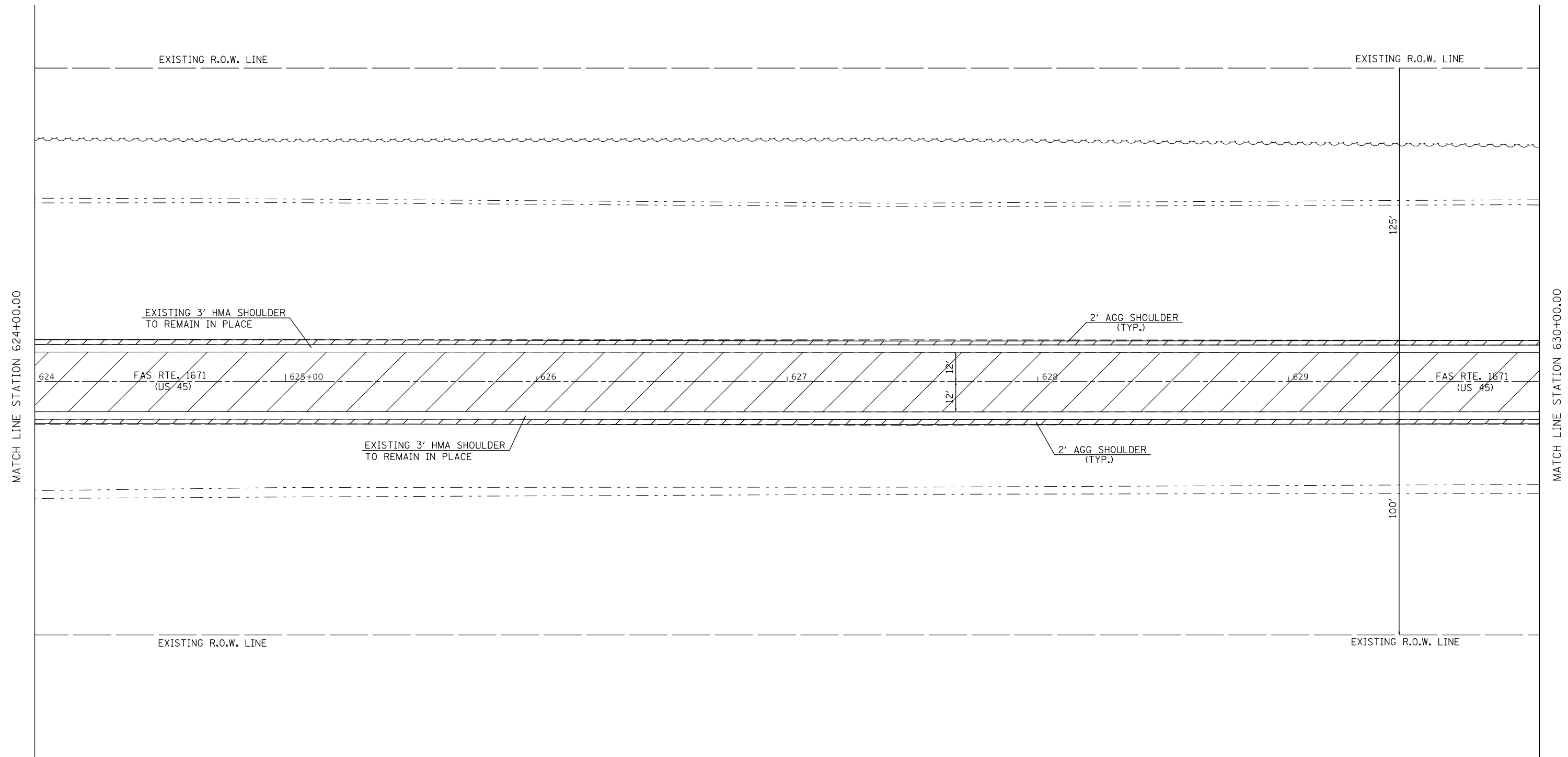
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\$MODELNAME\$	PLOT DATE = 3/22/2018		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

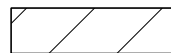
PLAN SHEET

SCALE: SHEET 38 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	64
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

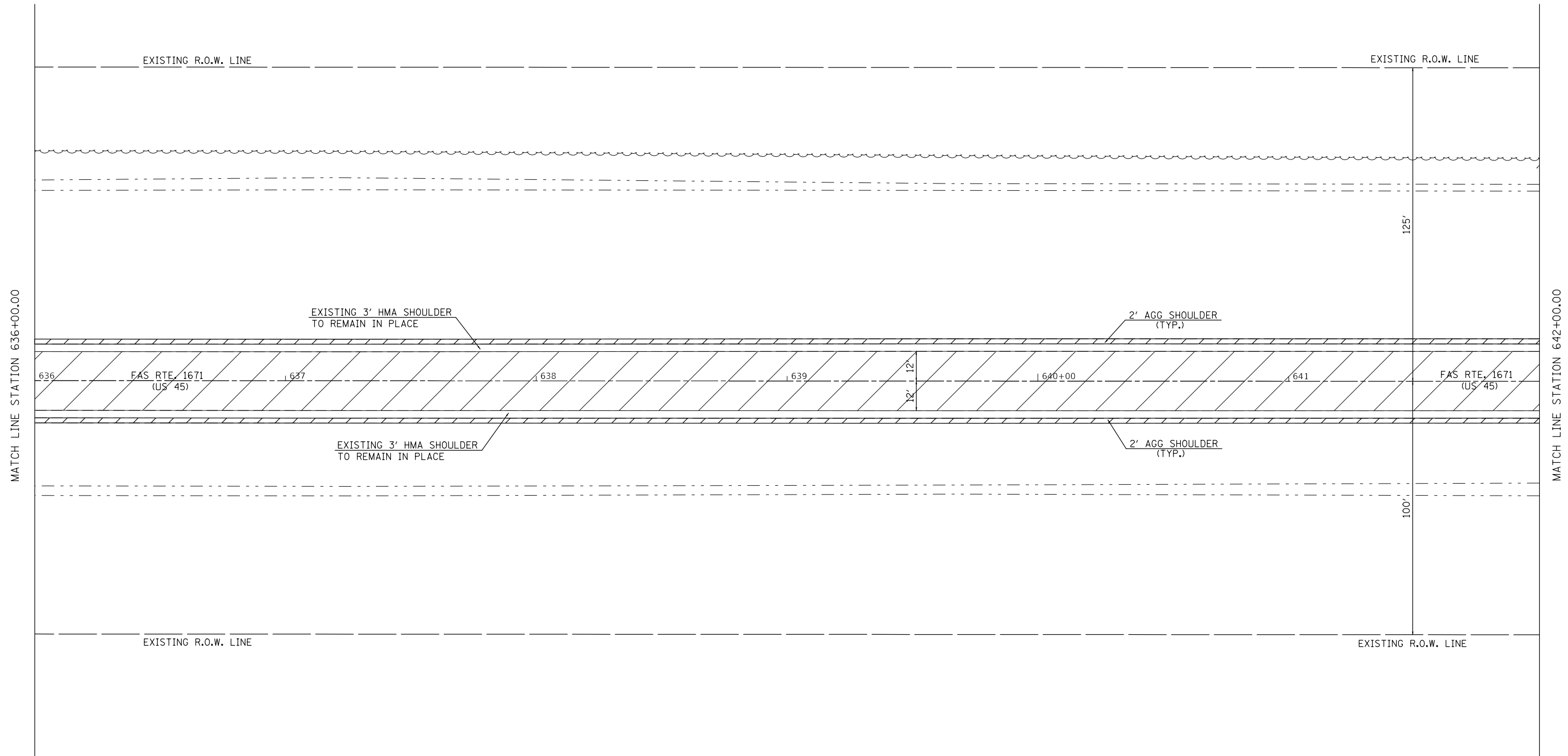
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 39 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	65
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

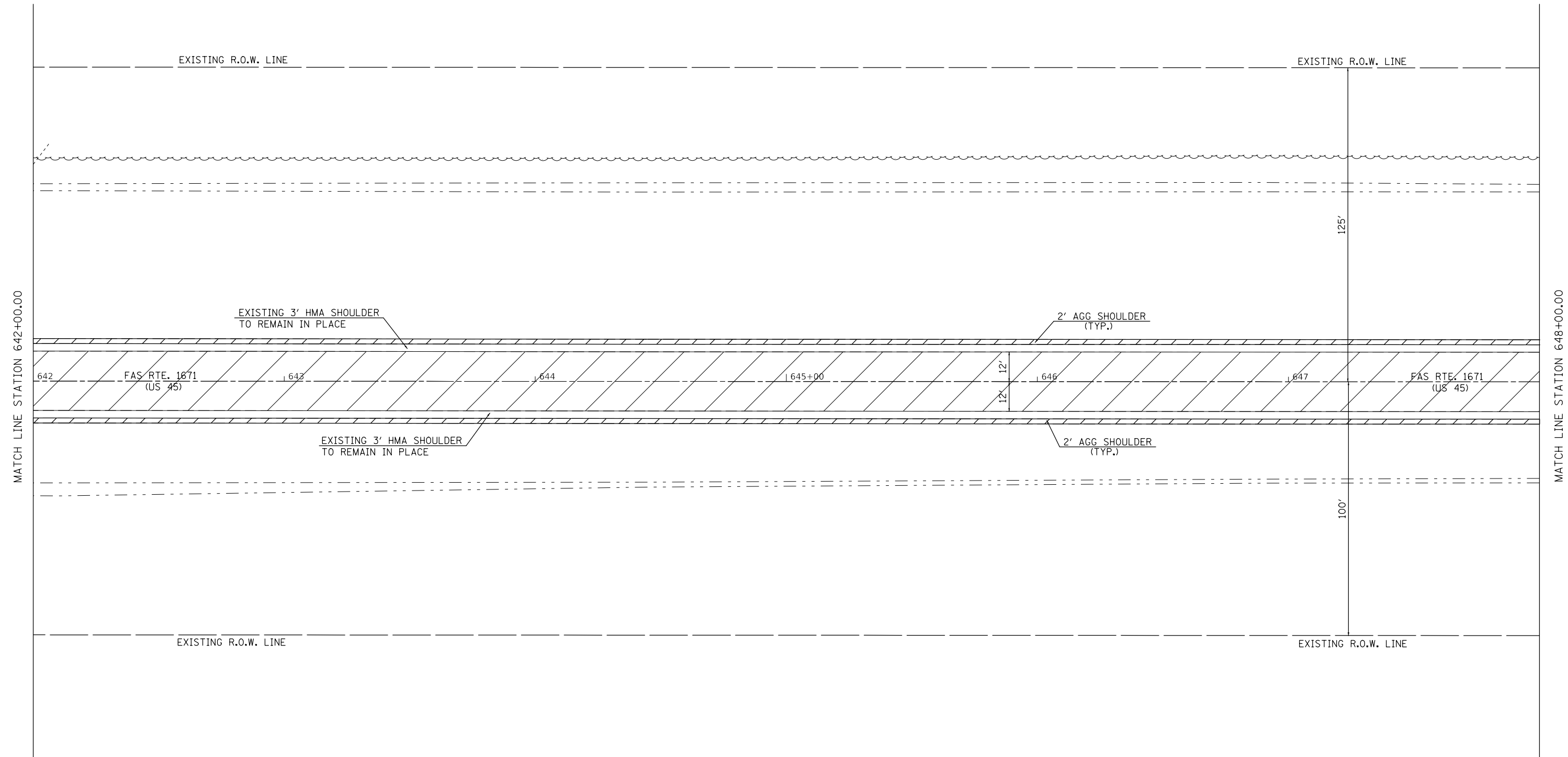
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 41 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	67
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



MATCH LINE STATION 642+00.00

MATCH LINE STATION 648+00.00

 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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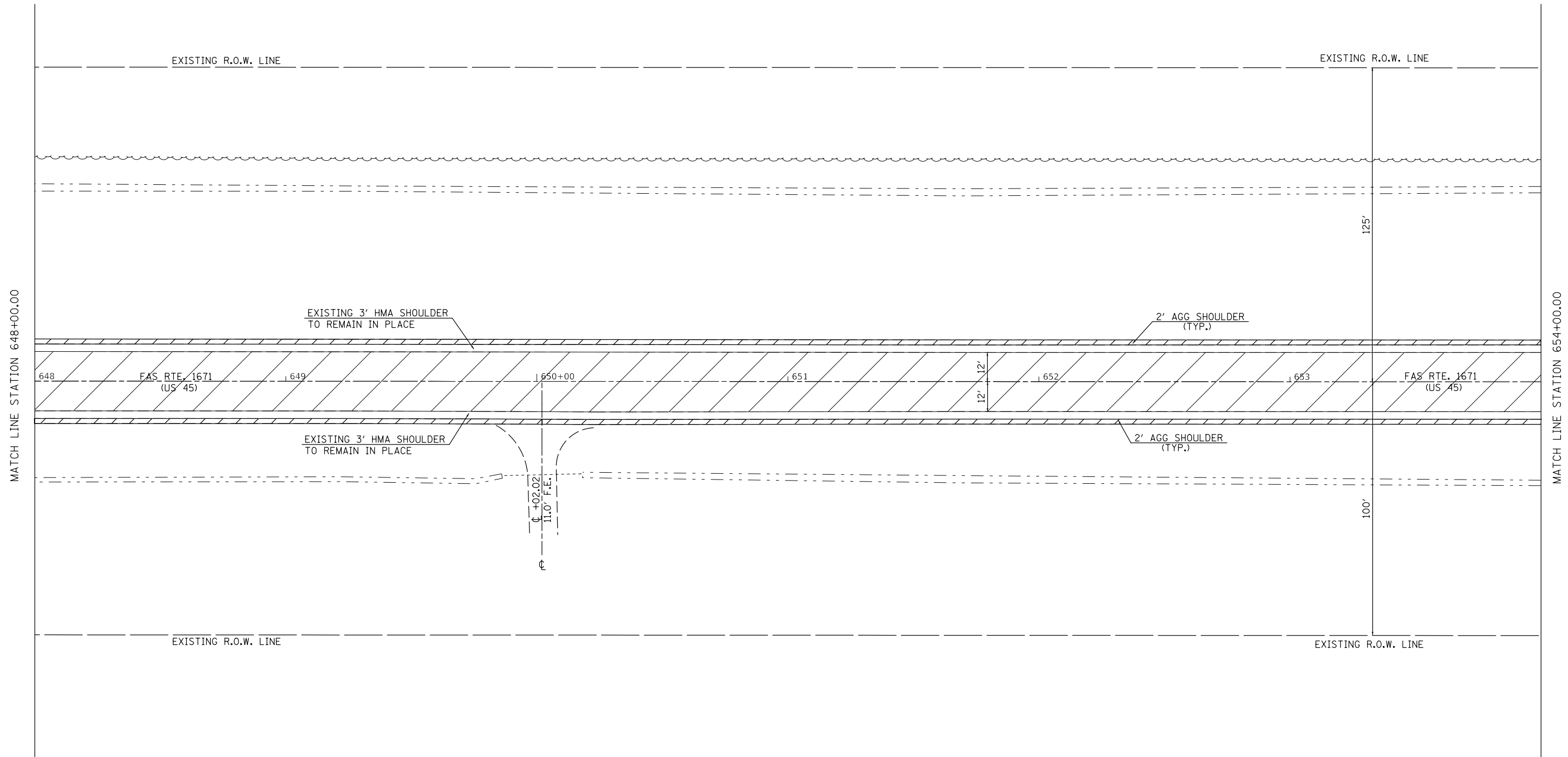
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 42 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	68
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				

SEC. 15, TWP 15N, RNG 8E, 3RD P.M.



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

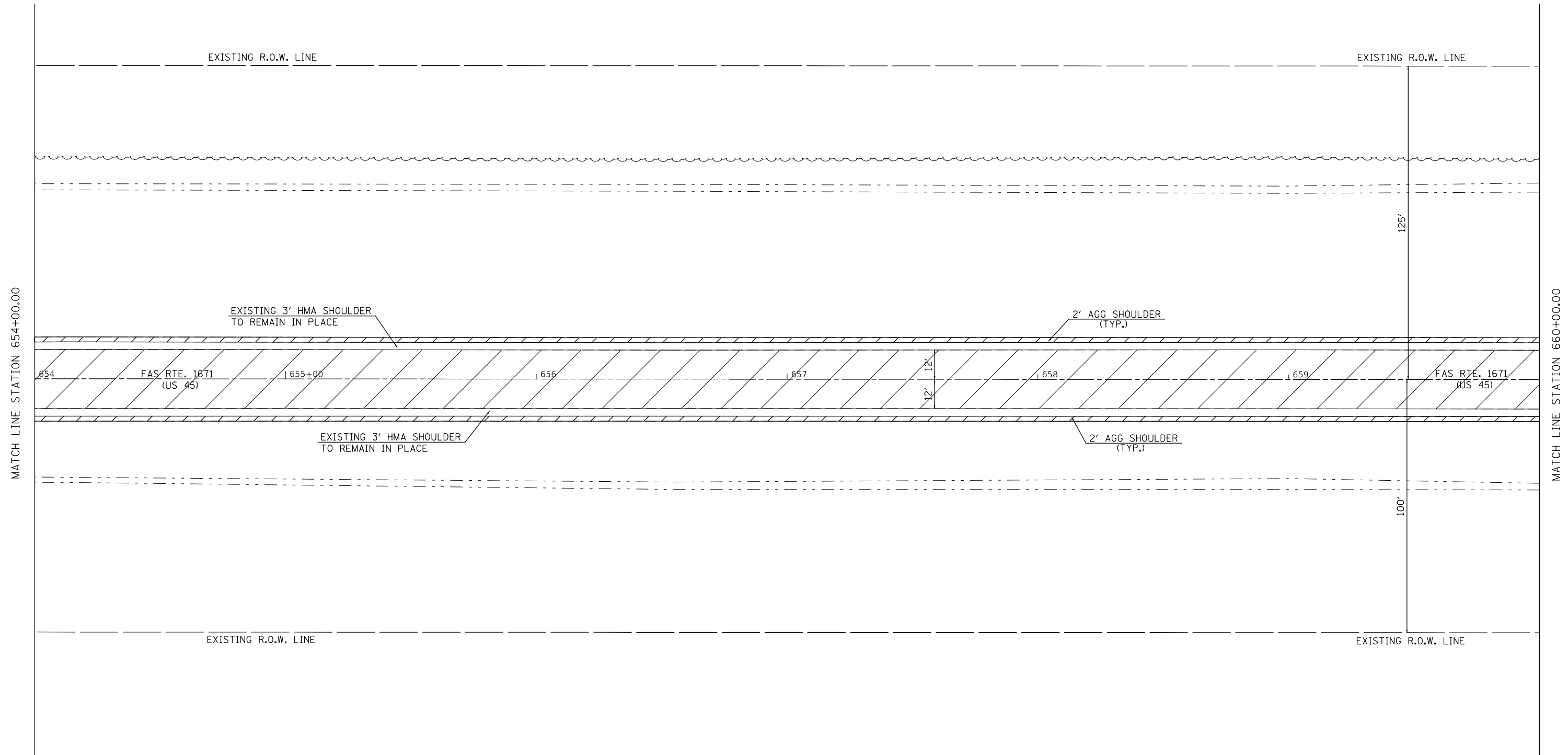
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 43 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	69
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

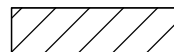
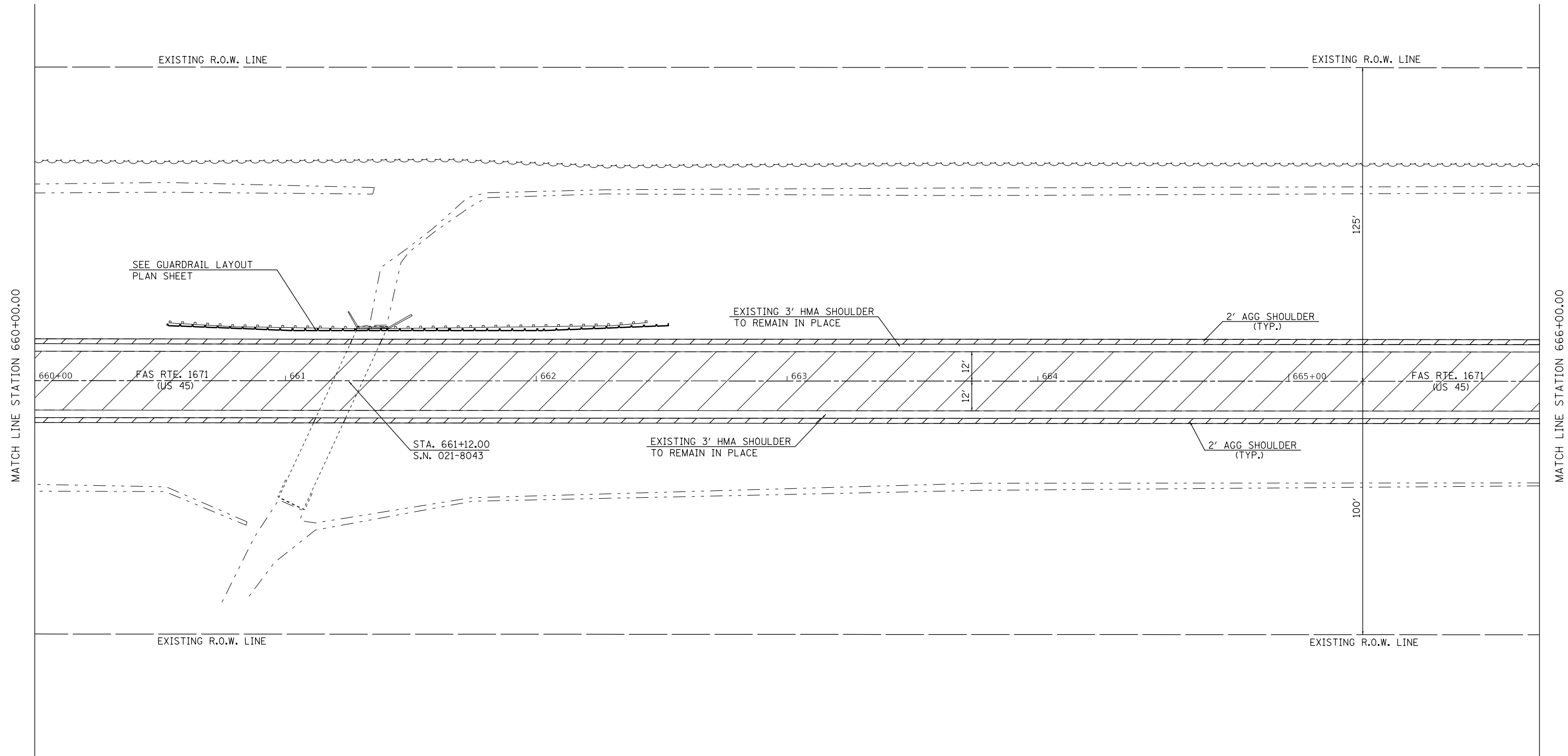
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

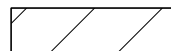
PLAN SHEET

SCALE: SHEET 44 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	70
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

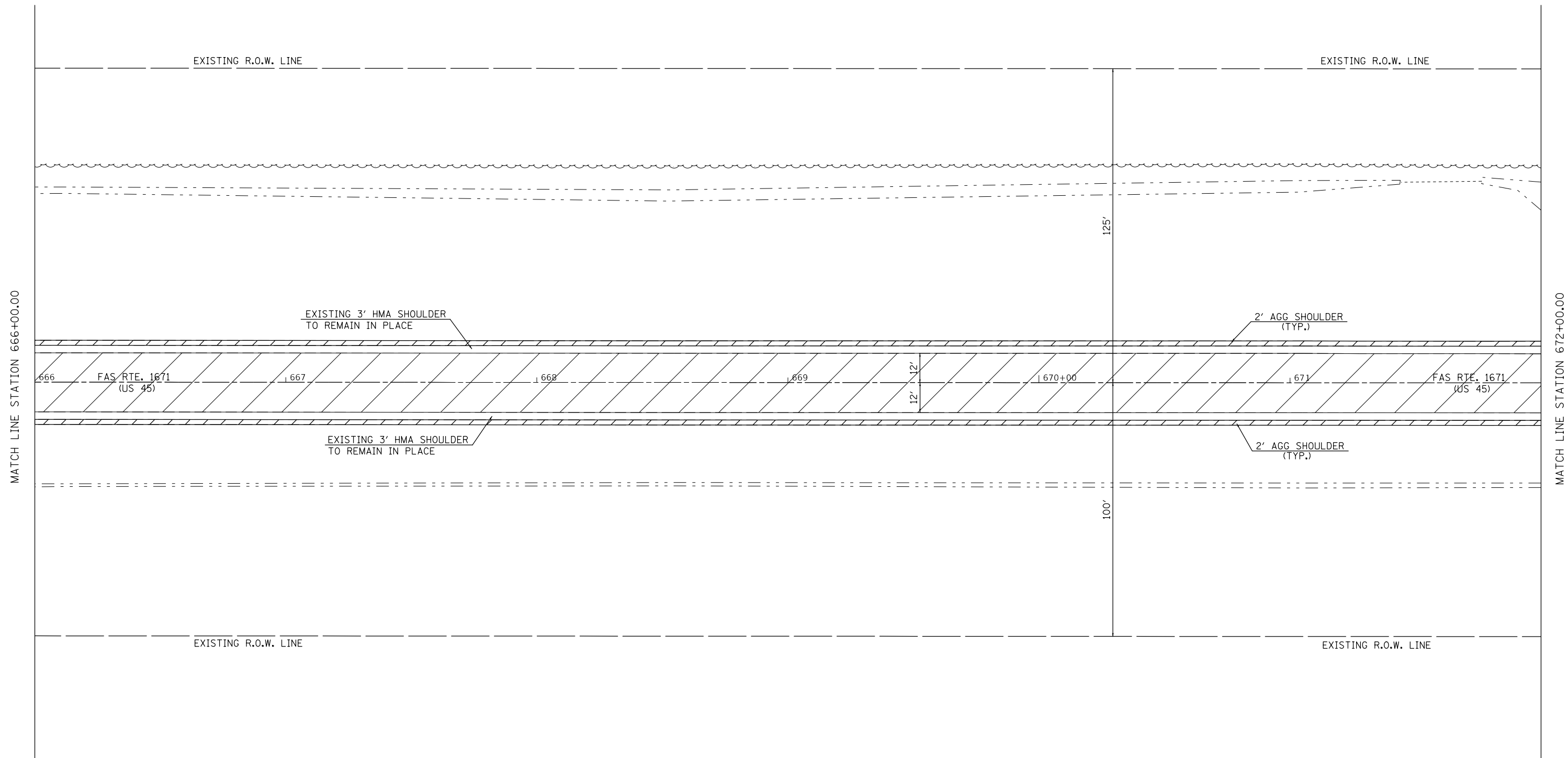
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

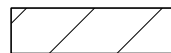
PLAN SHEET

SCALE: SHEET 45 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	71
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

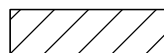
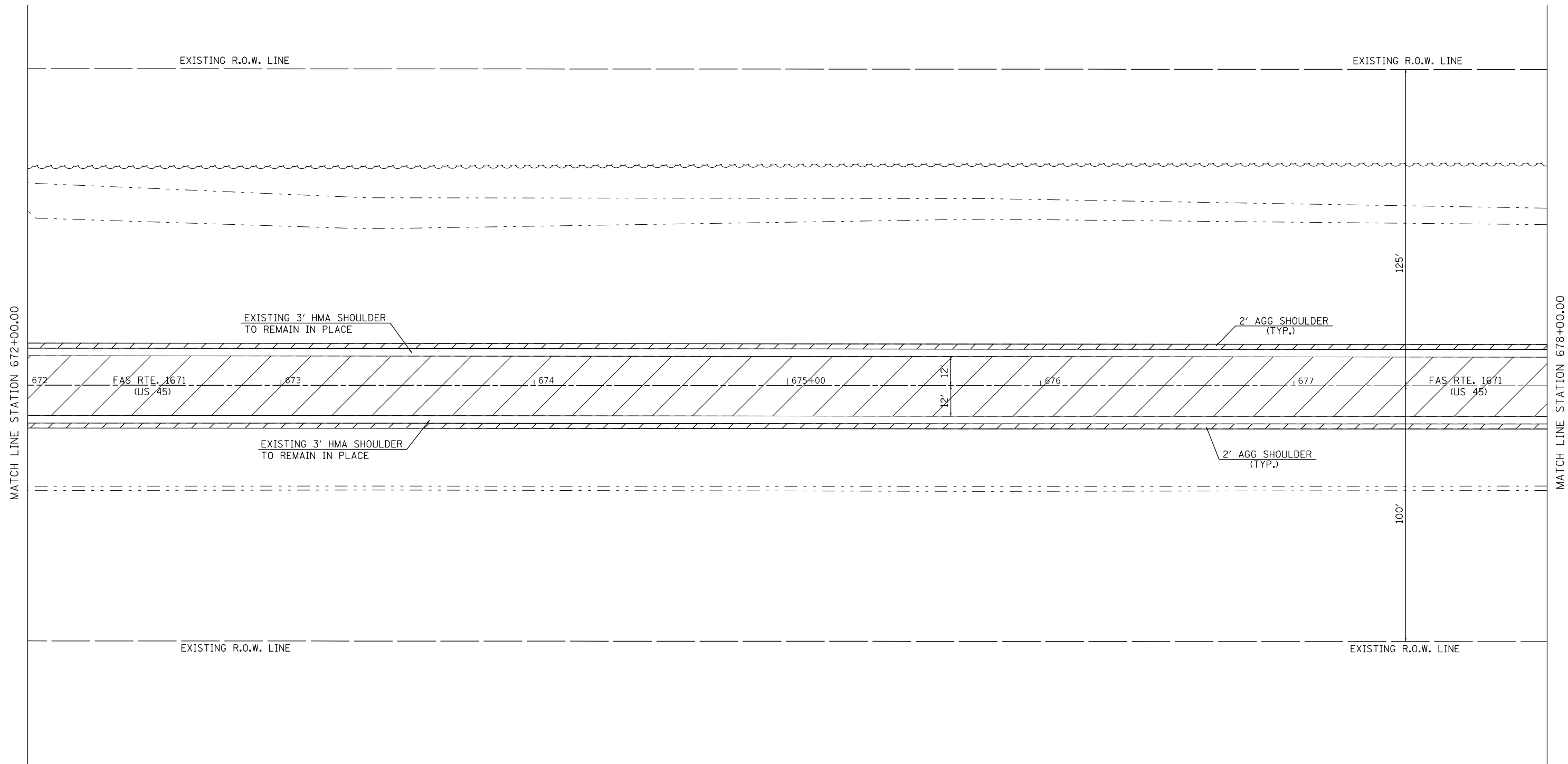
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MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

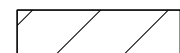
PLAN SHEET

SCALE: SHEET 46 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	72
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

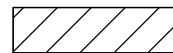
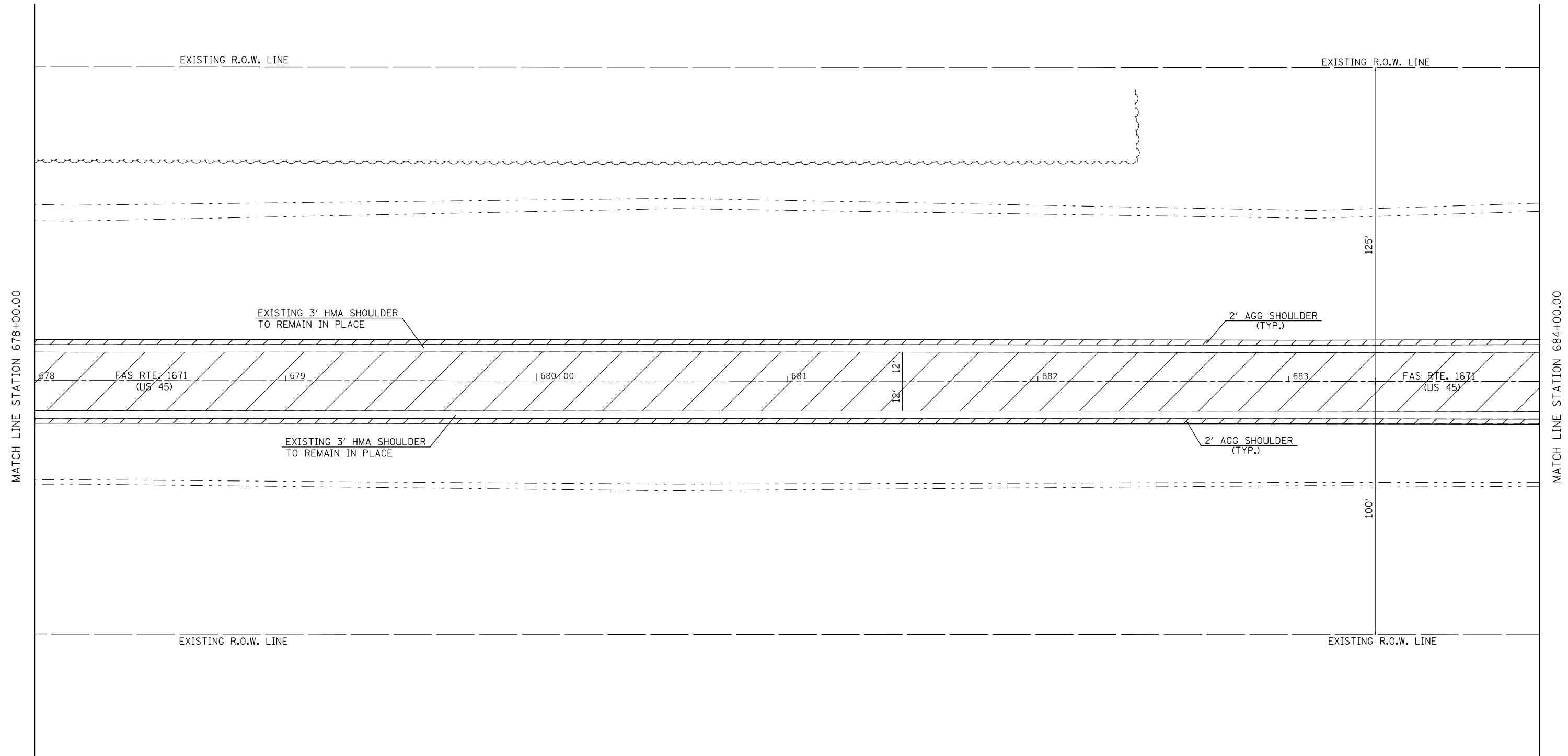
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

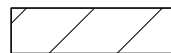
PLAN SHEET

SCALE: SHEET 47 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	73
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

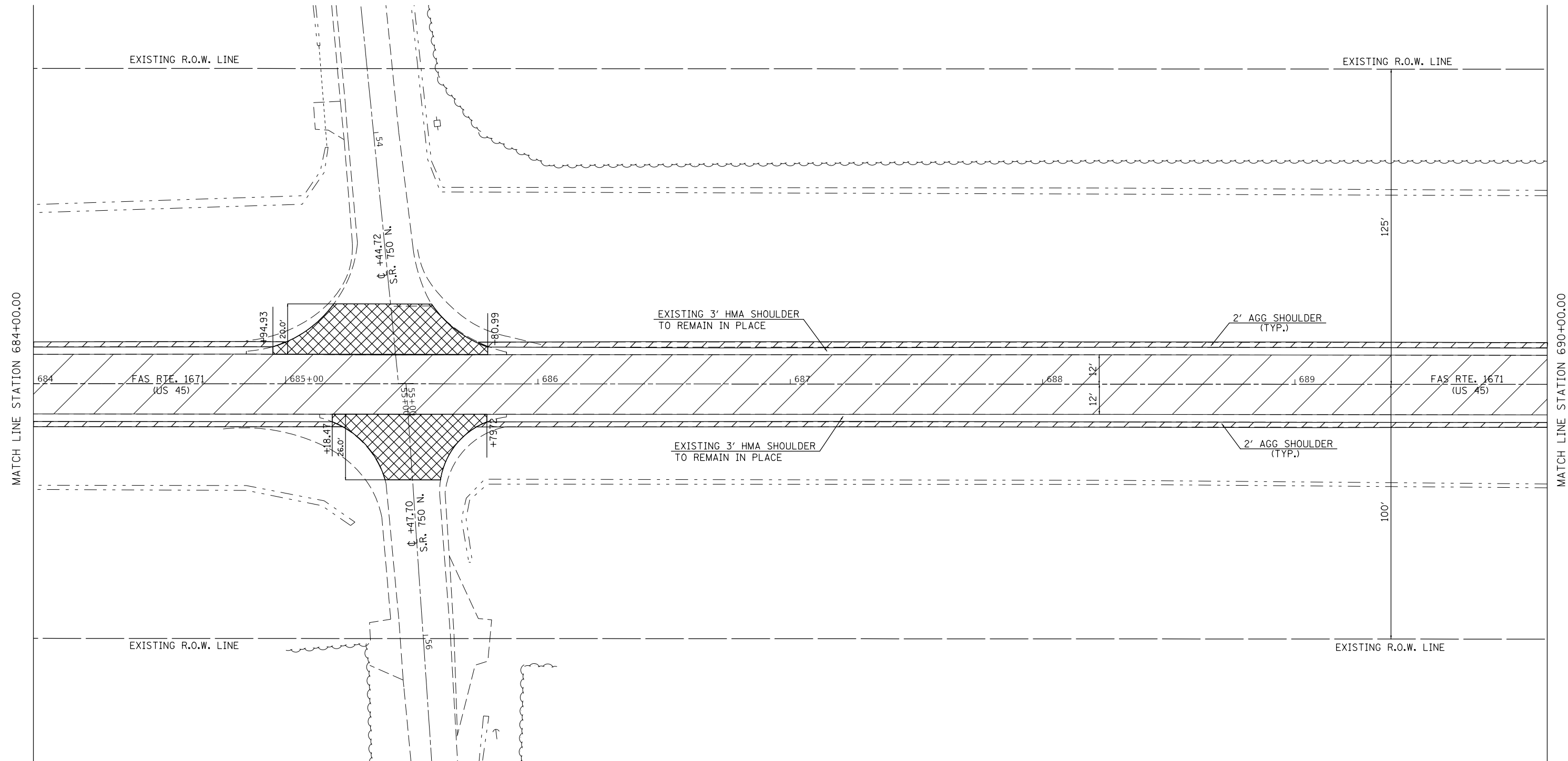
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 48 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	74
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

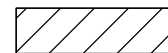
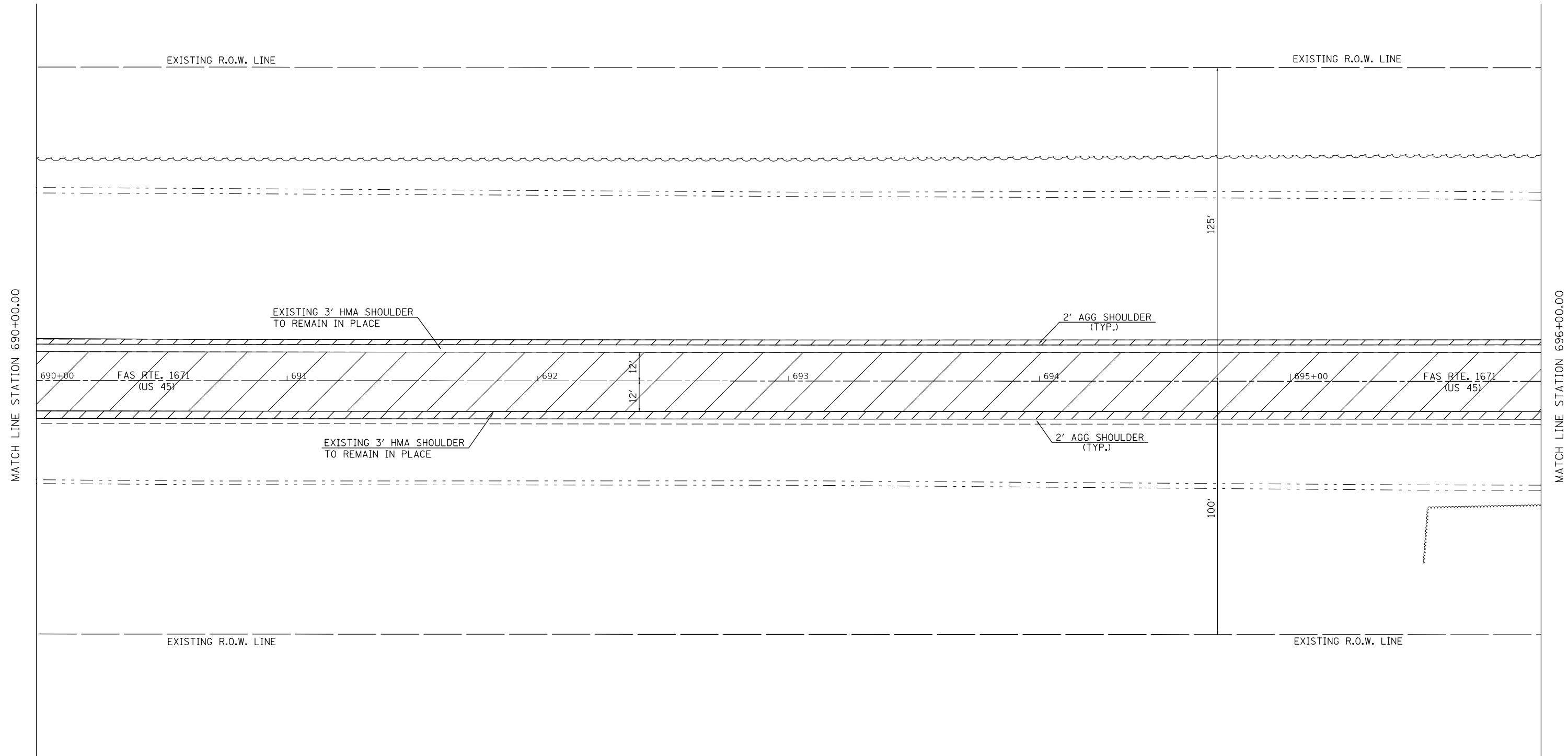
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

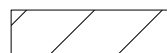
PLAN SHEET

SCALE: SHEET 49 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	75
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

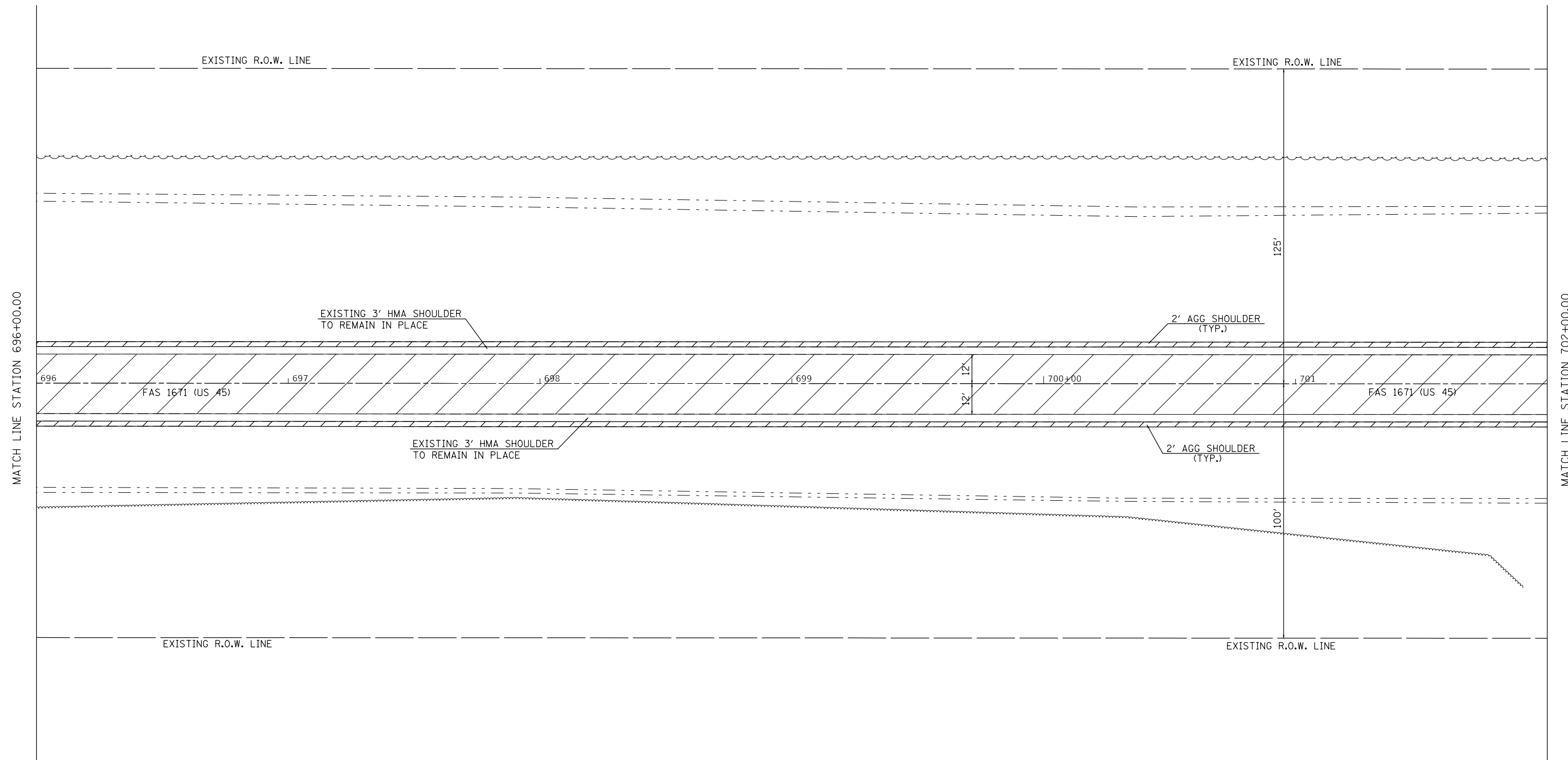
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 50 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	76
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

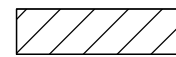
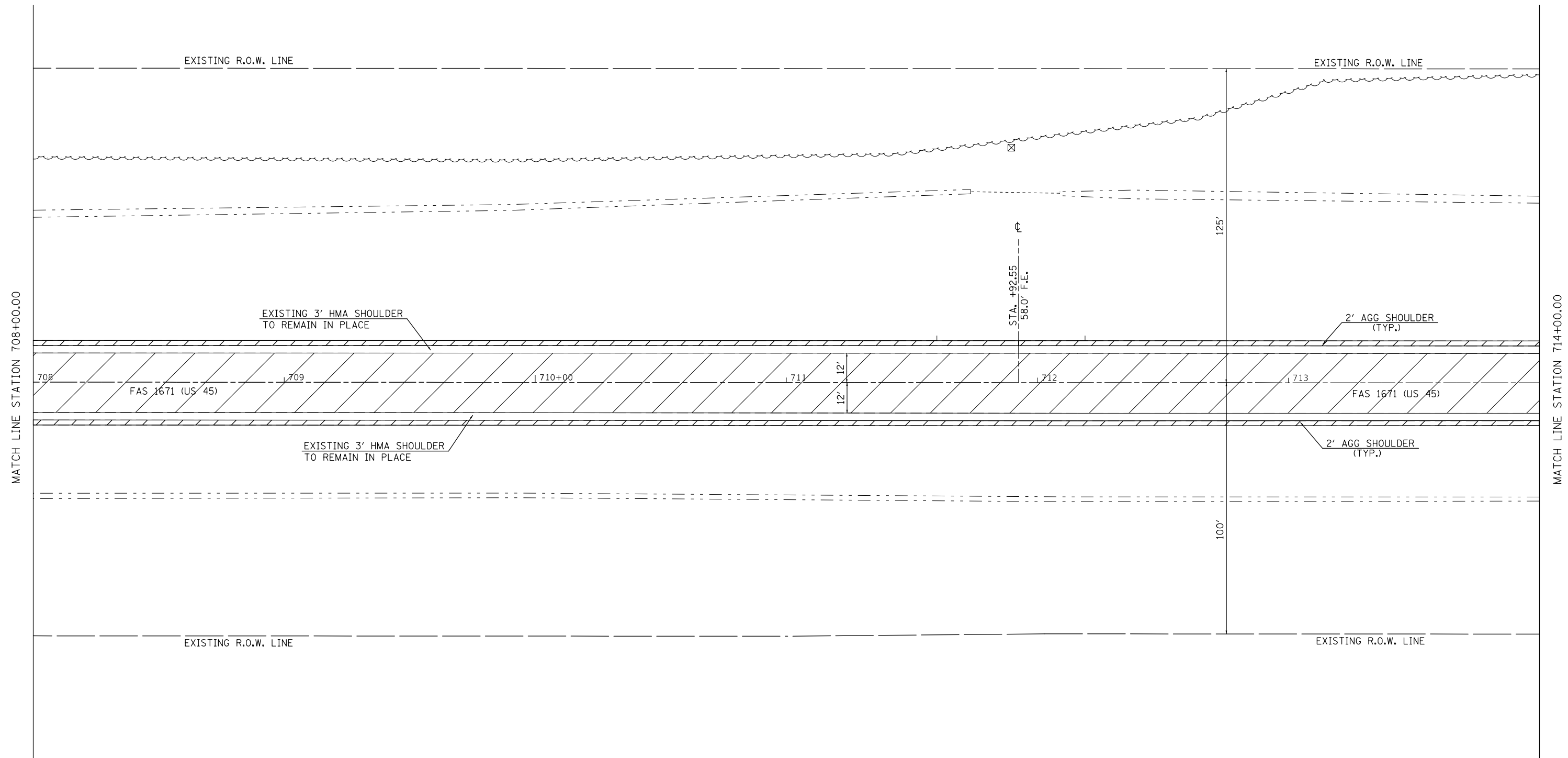
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

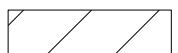
PLAN SHEET

SCALE: SHEET 51 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	77
			CONTRACT NO. 70786	
ILLINOIS FED. AID PROJECT				



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

F.A.S. 1671 / F.A.P. 824

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	PLOT DATE = 3/22/2018	DATE -	REVISED -

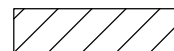
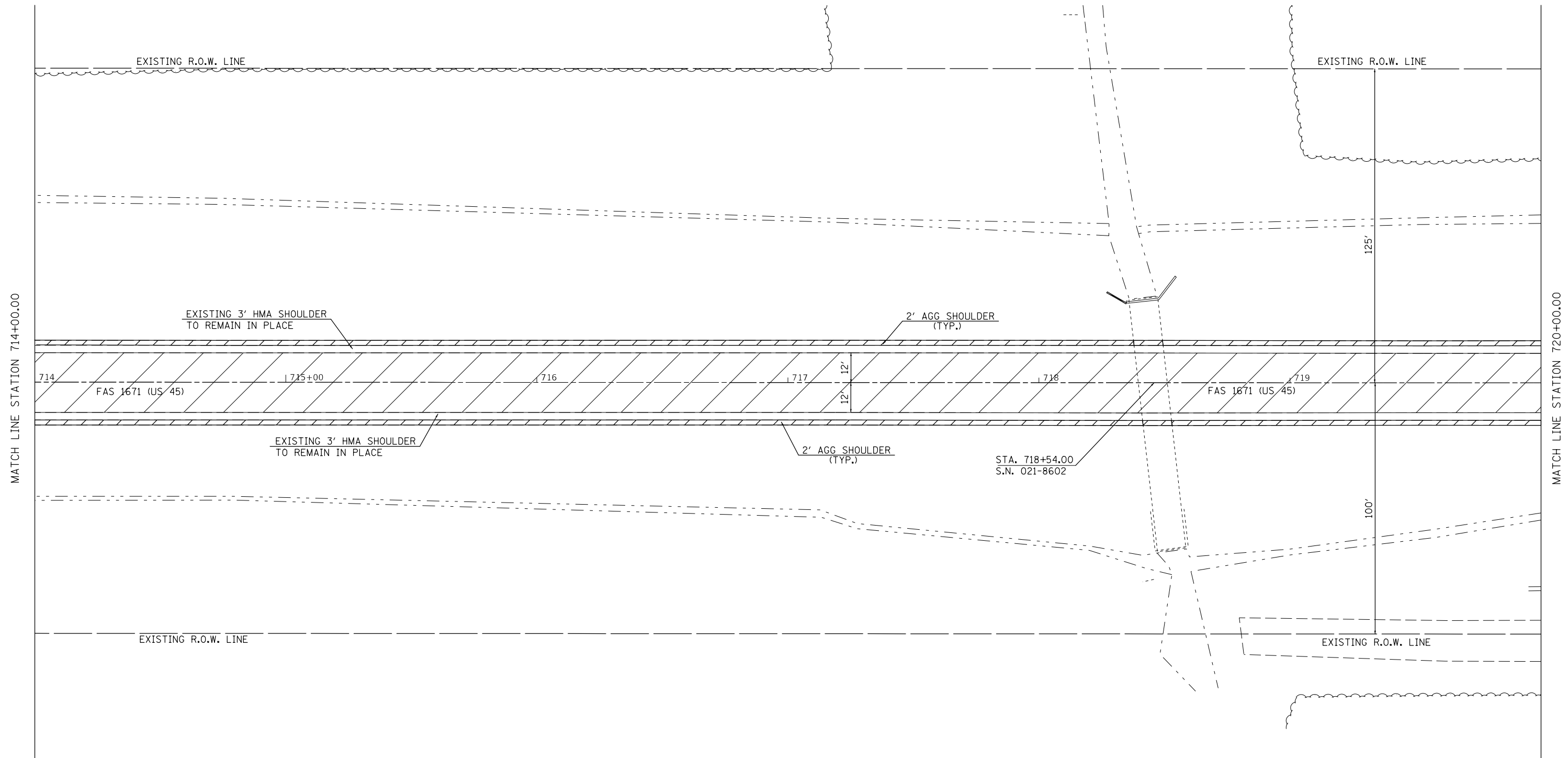
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 53 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	79
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	

SEC. 10, TWP 15N, RNG 8E, 3RD P.M.



AGGREGATE WEDGE SHOULDER, TYPE B



HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

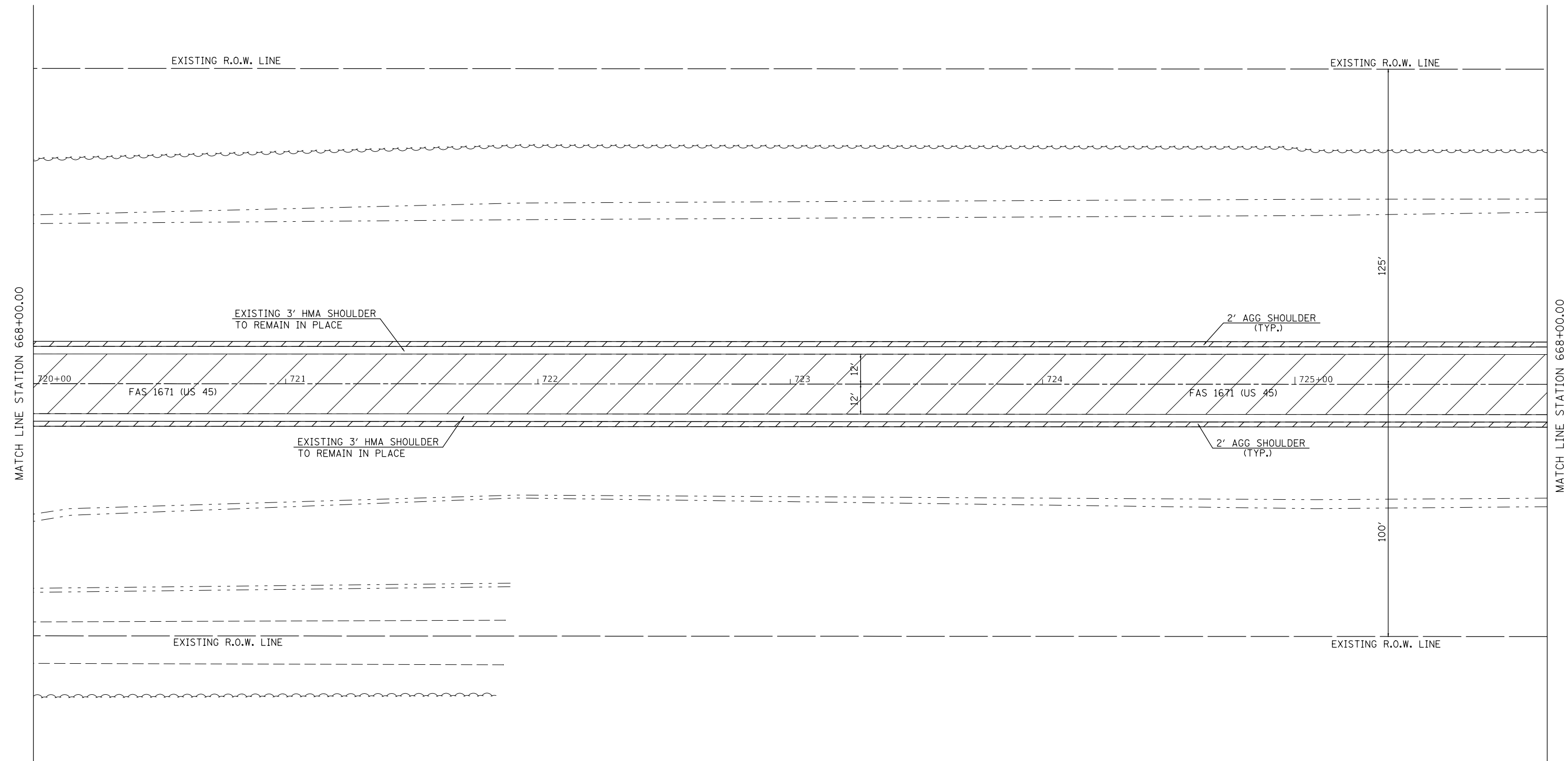
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET 54 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	80
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

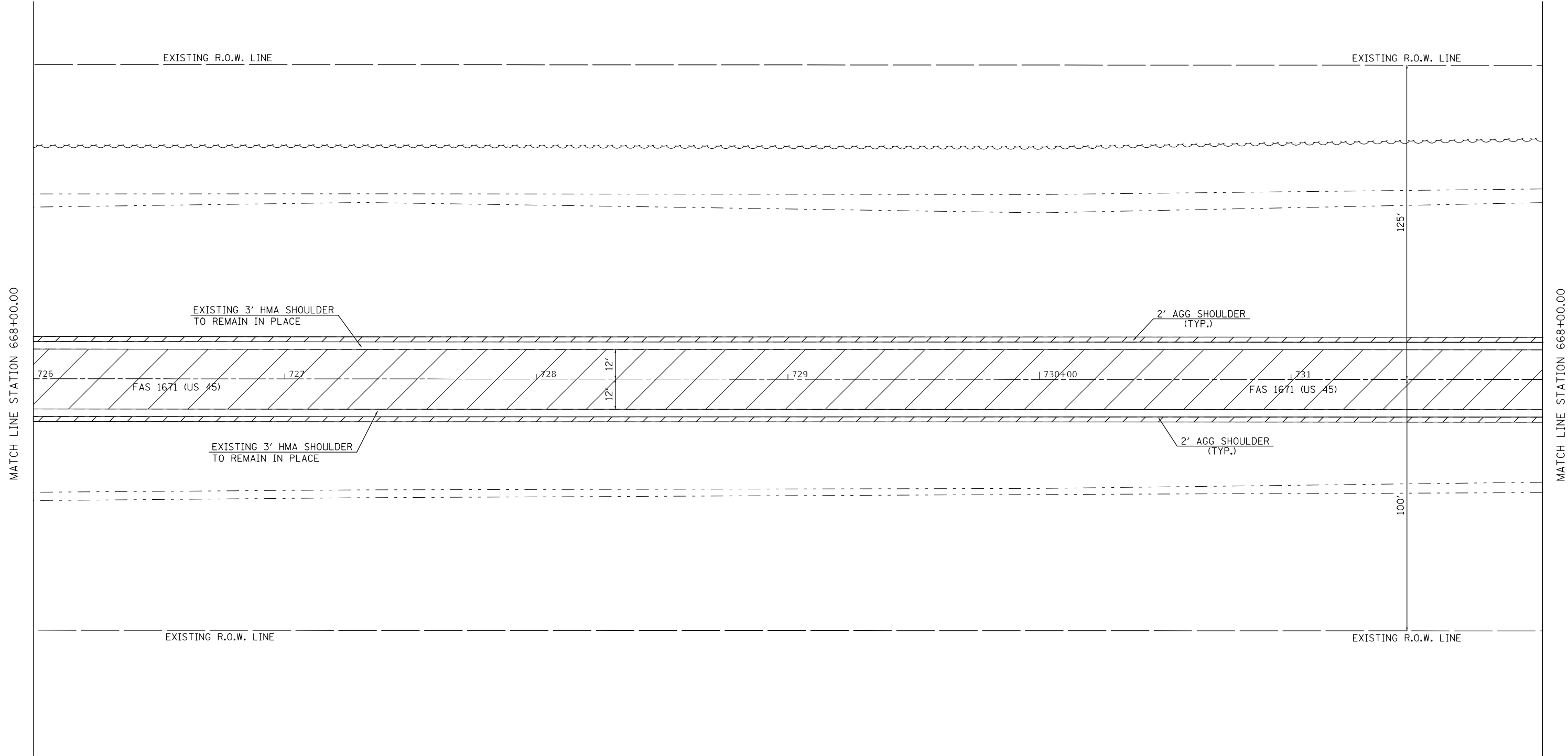
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

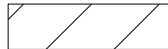
PLAN SHEET

SCALE: SHEET 55 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	81
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

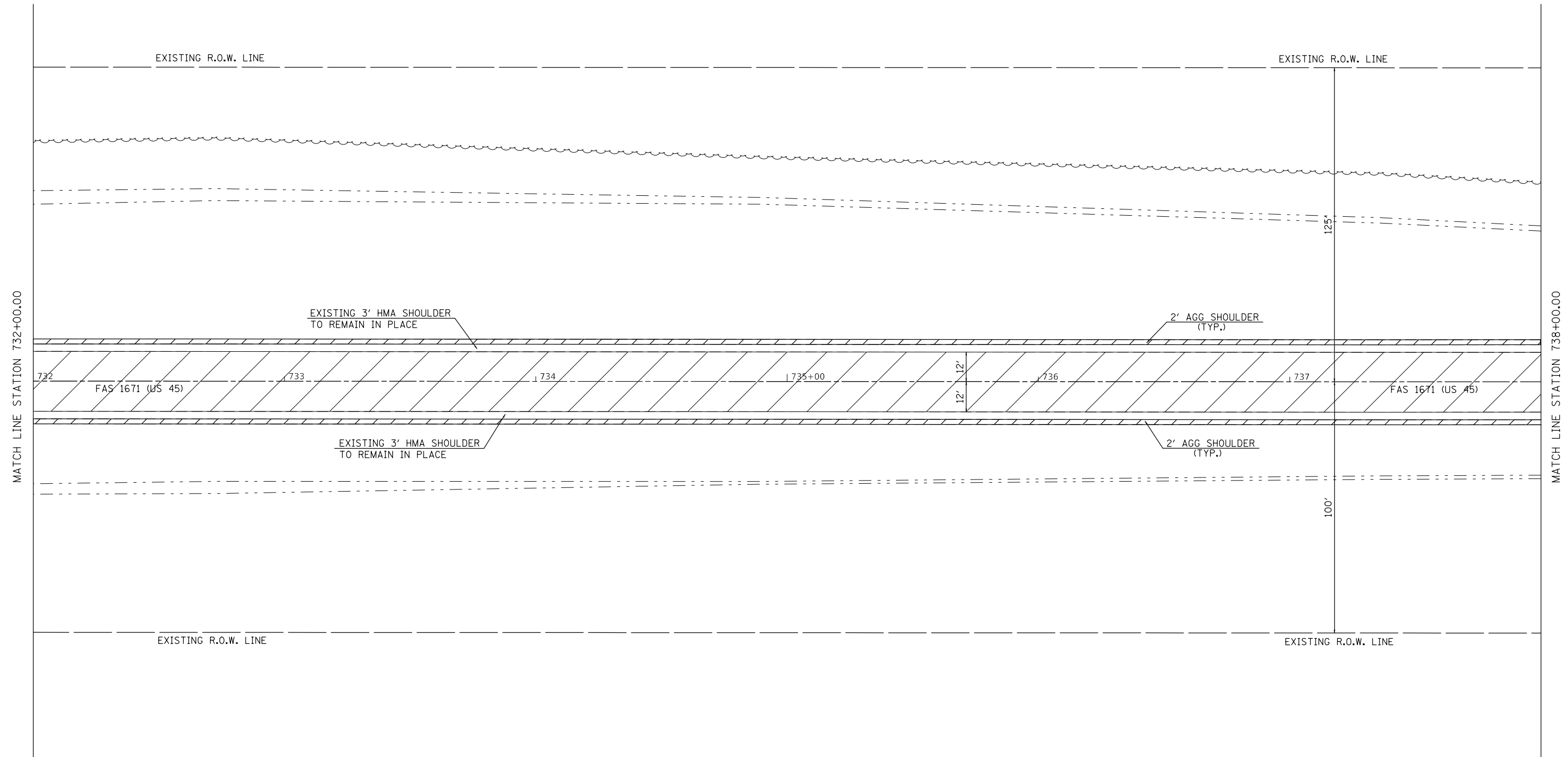
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 56 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	82
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

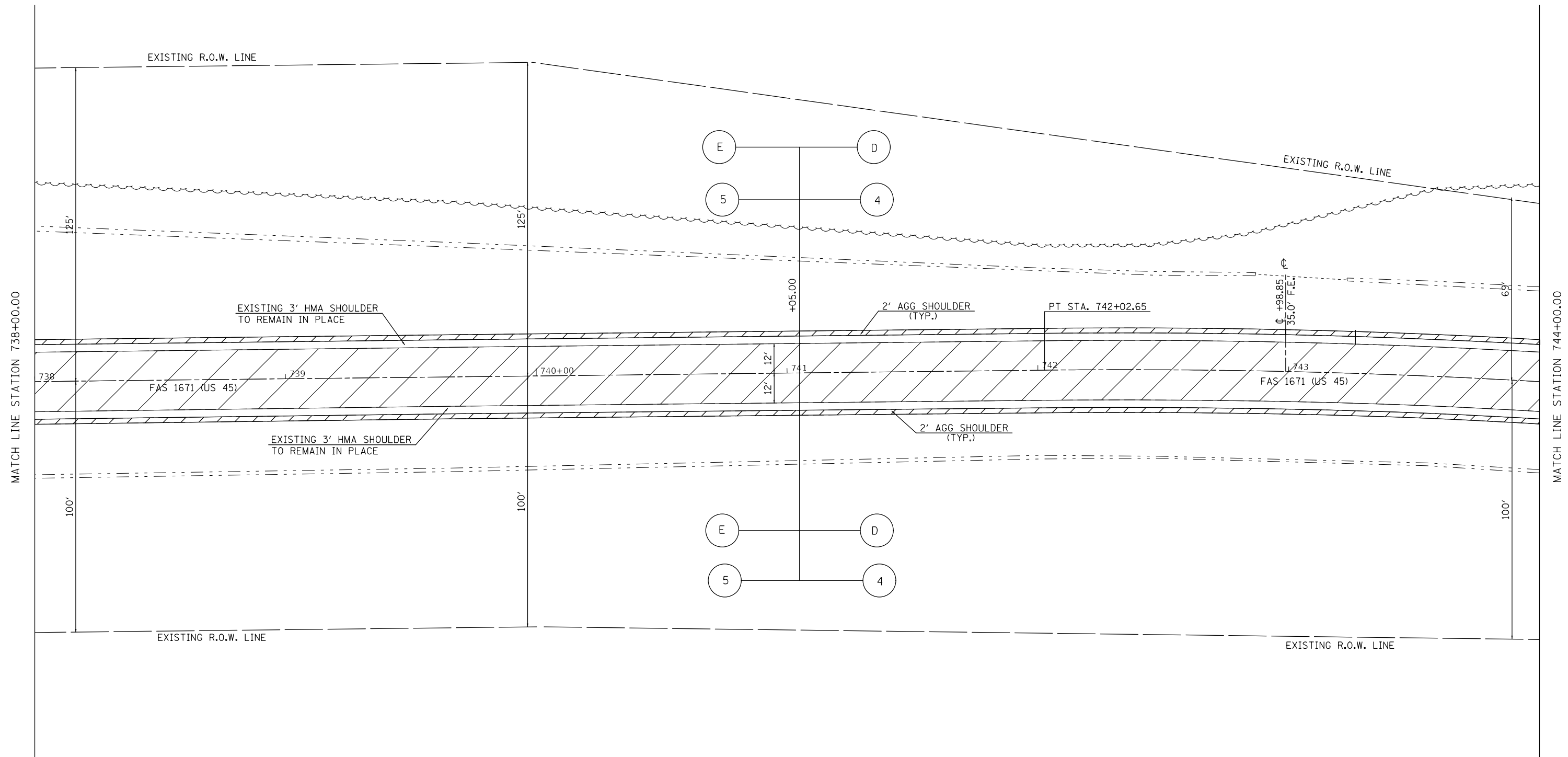
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET 57 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	83
CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT	



 AGGREGATE WEDGE SHOULDER, TYPE B

 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

 HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

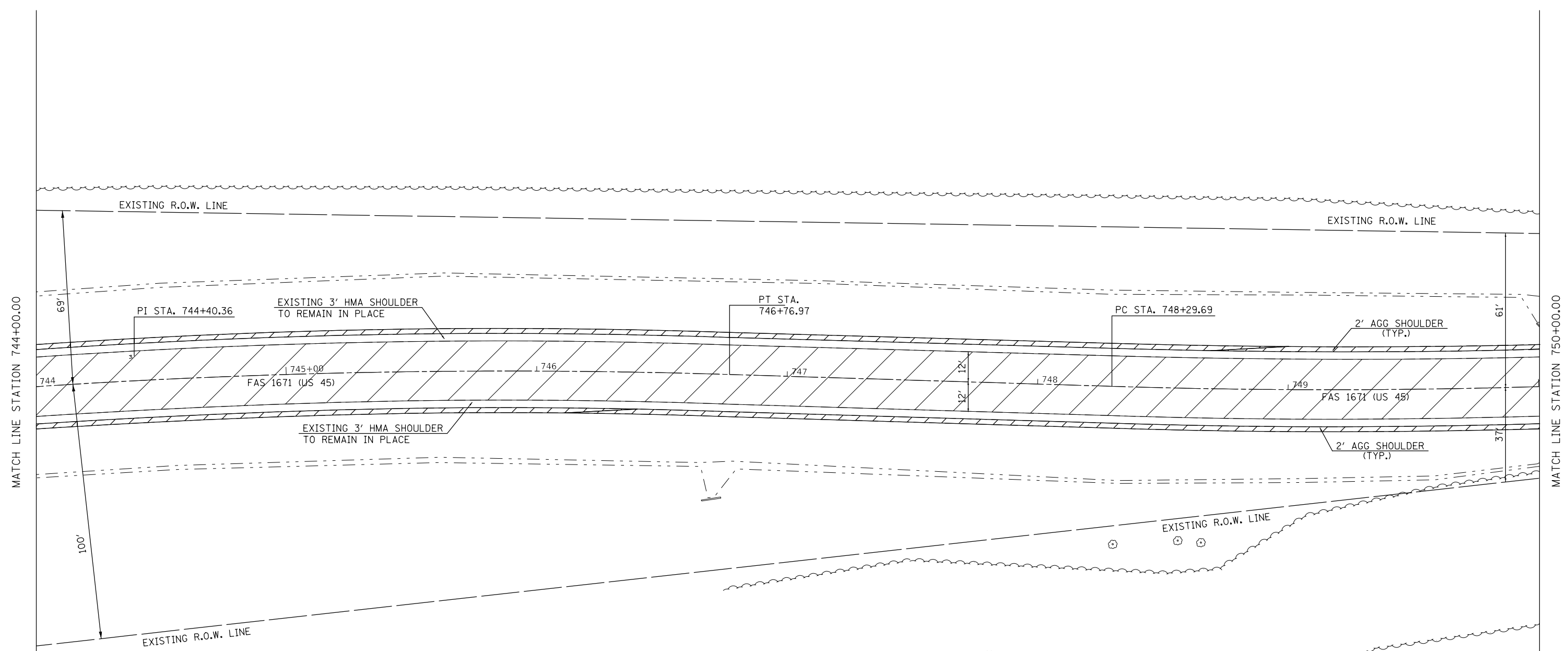
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

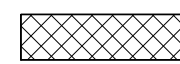
PLAN SHEET

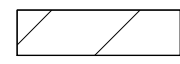
SCALE: SHEET 58 OF 63 SHEETS STA. TO STA.


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	84
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE US45_2.11
 PI STA. = 744+40.36
 $\Delta = 9^\circ 30' 55''$ (RT)
 $D = 2^\circ 00' 22''$
 $R = 2,856.12'$
 $T = 237.71'$
 $L = 474.33'$
 $E = 9.88'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 742+02.65$
 $P.T. \text{ STA.} = 746+76.97$

 HOT-MIX ASPHALT SURFACE
REMOVAL SPECIAL

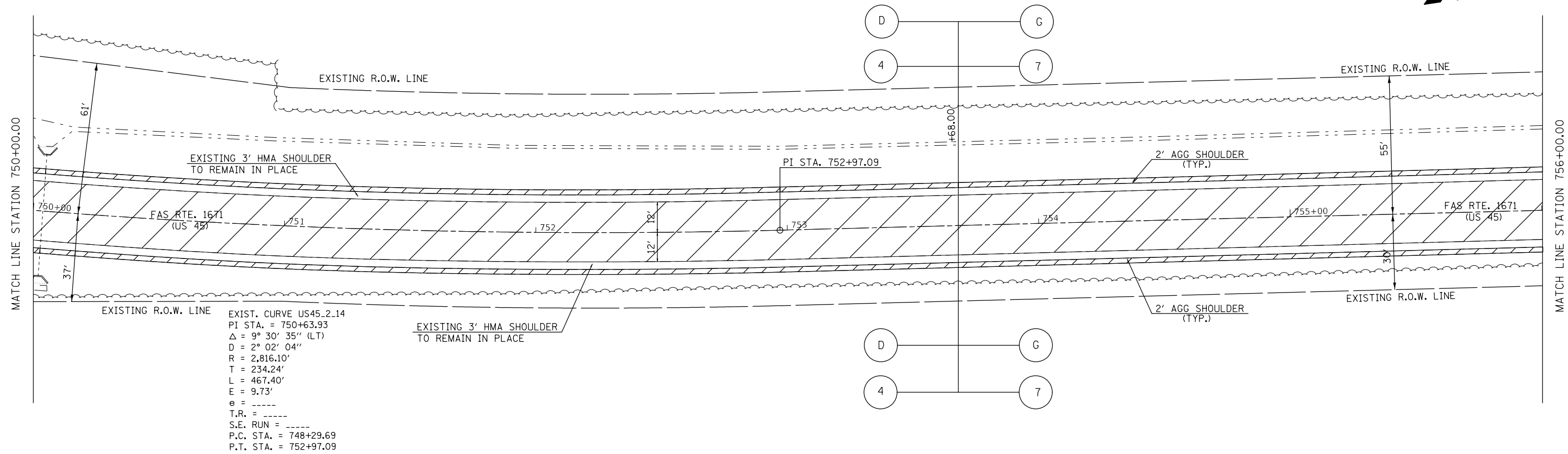
 AGGREGATE WEDGE SHOULDER,
TYPE B

 HOT-MIX ASPHALT SURFACE
REMOVAL 2 1/4"

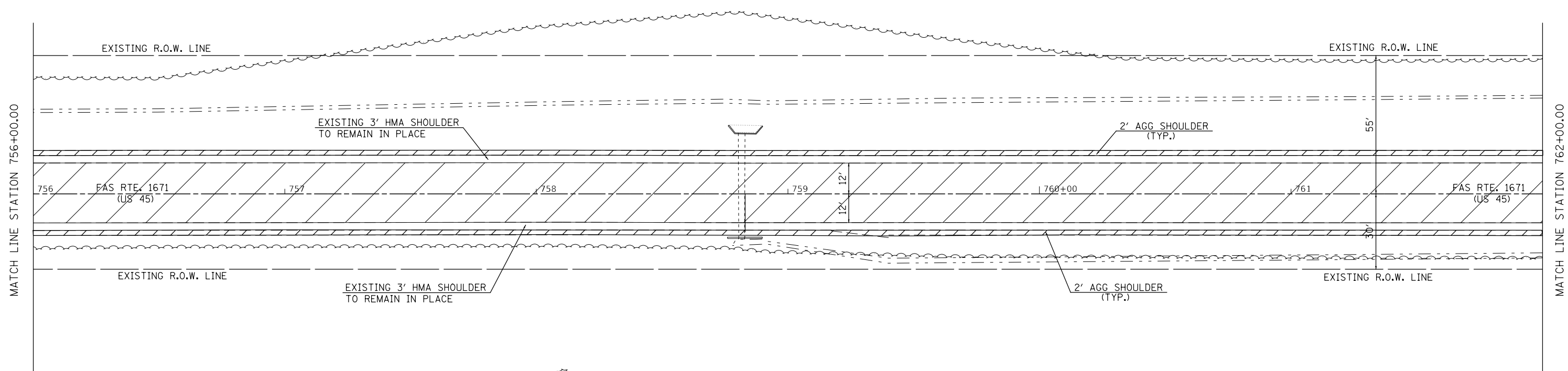
• F.A.S. 1671 / F.A.P. 824

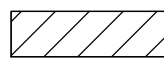
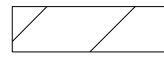
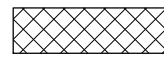
FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -					CONTRACT NO. 70786				
							ILLINOIS FED. AID PROJECT					

SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



SEC. 3, TWP 15N, RNG 8E, 3RD P.M.

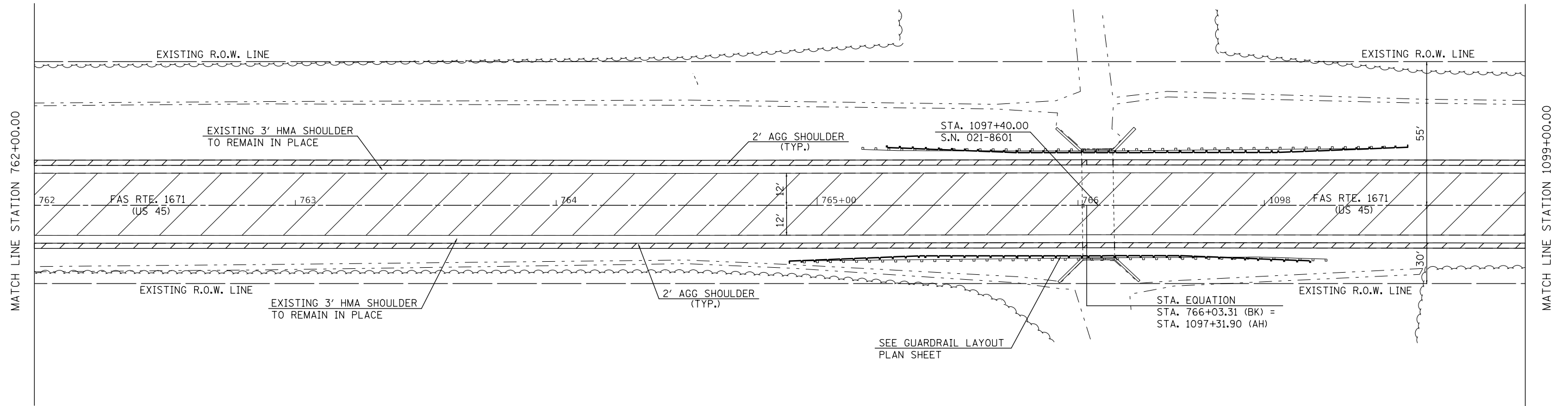


-  AGGREGATE WEDGE SHOULDER, TYPE B
-  HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

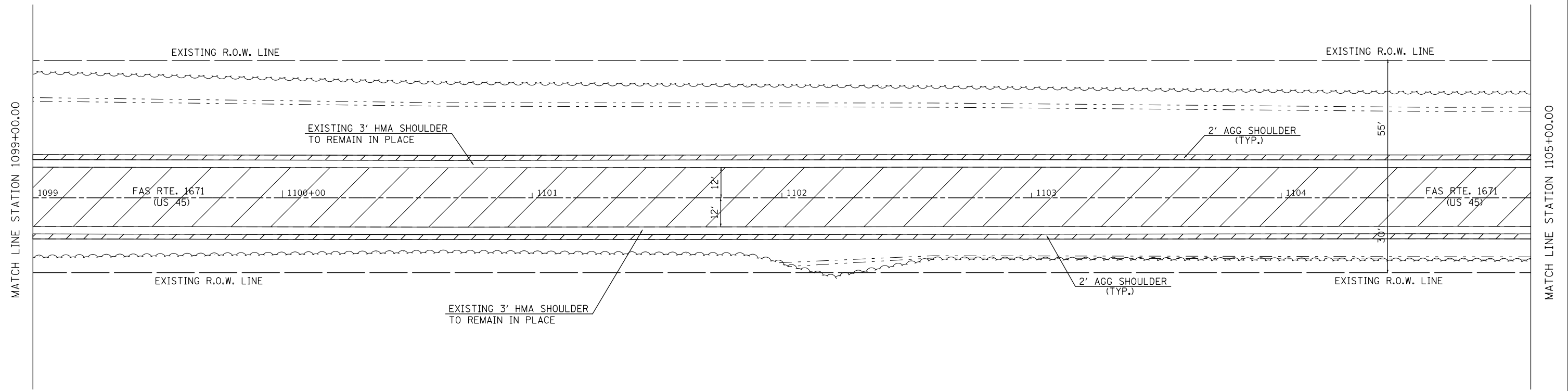
* F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\057986-shr-Plan.dgn						(20 RS-4)(21X)RS-2.21 RS-5 DOUGLAS 107 86					
PLOT SCALE = 40.0000' / in.						CONTRACT NO. 70786					
PLOT DATE = 3/22/2018						ILLINOIS FED. AID PROJECT					
SCALE:					SHEET 60 OF 63 SHEETS STA. TO STA.						

SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



- AGGREGATE WEDGE SHOULDER, TYPE B
- HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

* F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

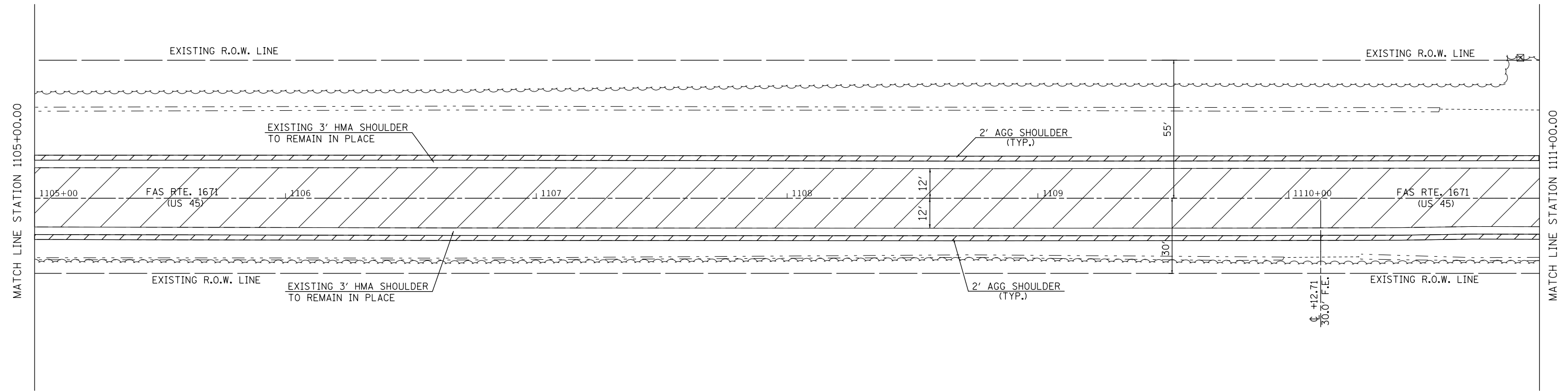
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

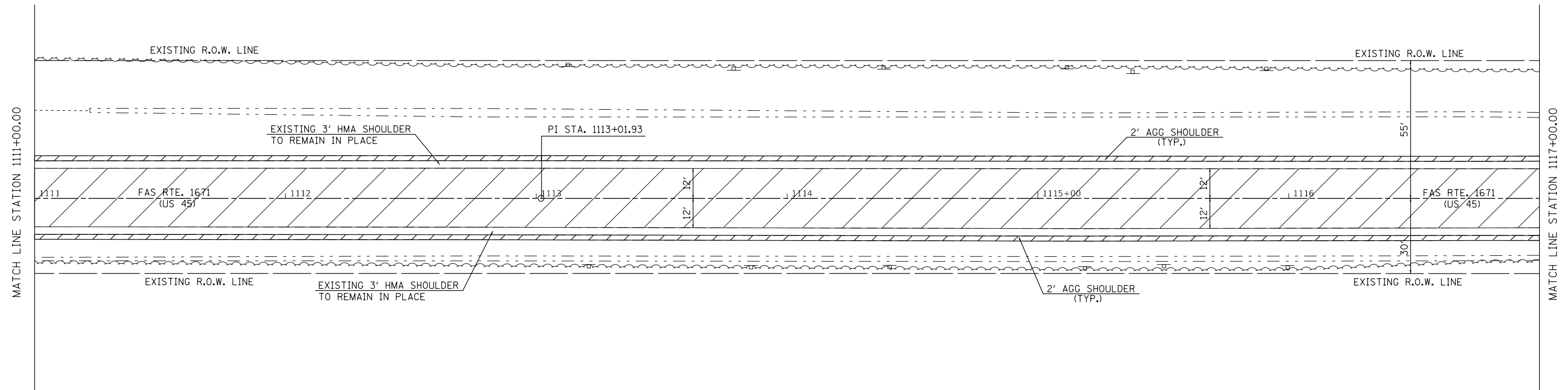
SCALE: SHEET 61 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	87
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



- AGGREGATE WEDGE SHOULDER, TYPE B
- HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
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DATE = 3/22/2018	DATE -	REVISED -	REVISED -

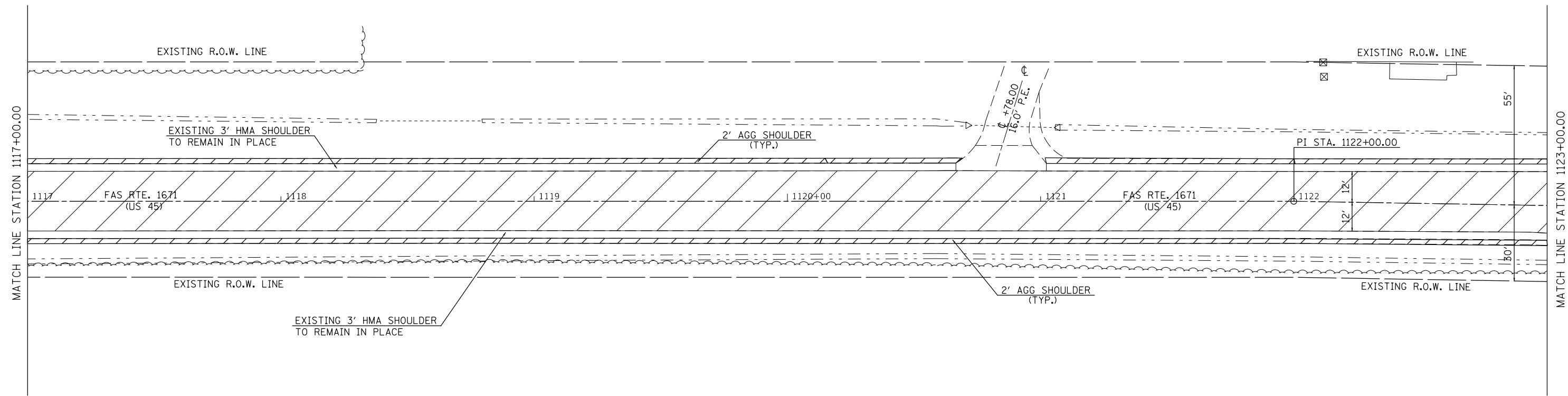
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

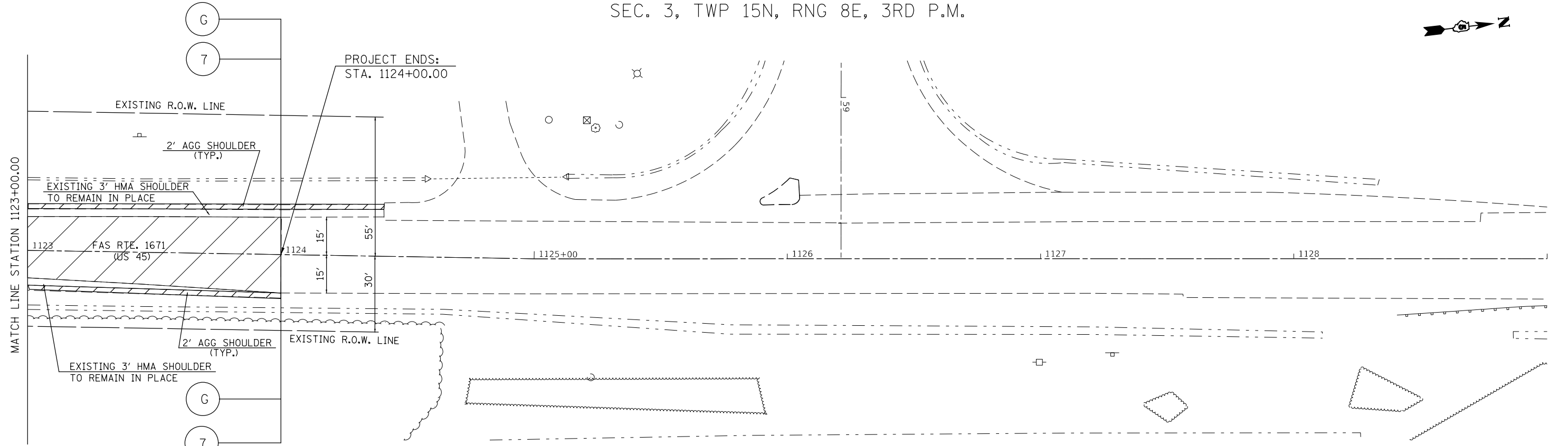
SCALE: SHEET 62 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21XRS-2.21 RS-5)	DOUGLAS	107	88	
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



SEC. 3, TWP 15N, RNG 8E, 3RD P.M.



- AGGREGATE WEDGE SHOULDER, TYPE B
- HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL

• F.A.S. 1671 / F.A.P. 824

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	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

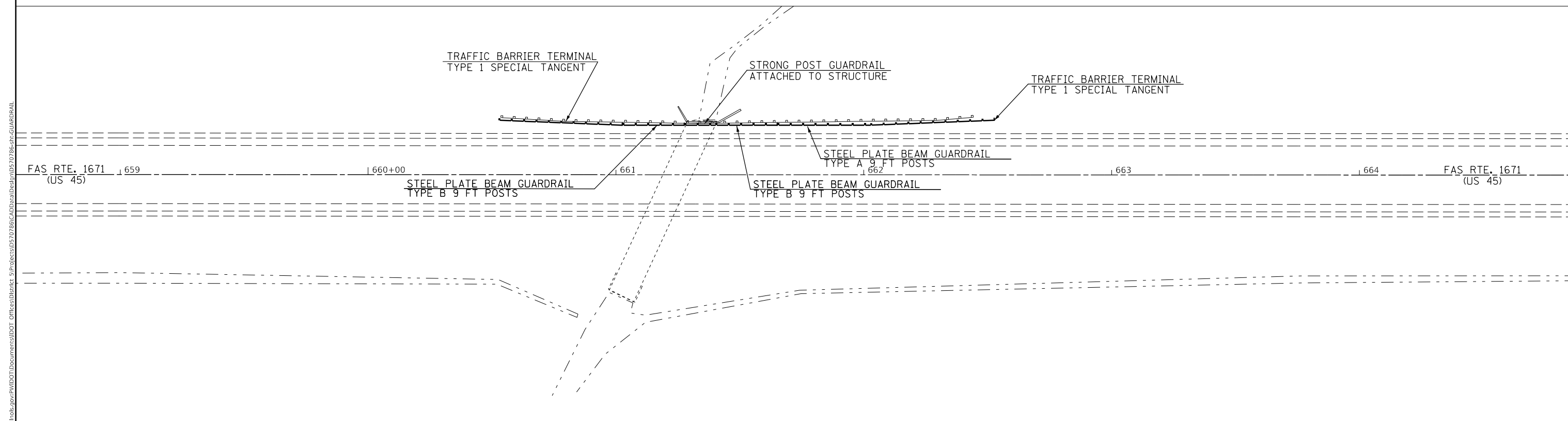
PLAN SHEET

SCALE: SHEET 63 OF 63 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	89
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE

				63000003	63000009	63000030	63100167	63200310	72501000	78200005
				STEEL PLATE BEAM GUARDRAIL TYPE A 9 FT POSTS (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE B 9 FT POSTS (FOOT)	STRONG POST GUARDRAIL ATTACHED TO CULVERT (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS TYPE A (EACH)
LOCATION	STATION	TO	STATION	(FOOT)	(FOOT)	(FOOT)	(EACH)	(FOOT)	(EACH)	(EACH)
LEFT SIDE	660+52.50		661+02.50				1.0	190.0	1.0	
	661+02.50		661+27.50		25.0					
	661+27.50		661+40.00			12.5				
	661+40.00		661+65.00		25.0					
	661+65.00		662+02.50		37.5					
	662+02.50		662+52.50				1.0			1.0
TOTAL =				37.5	50.0	12.5	2.0	190.0	2.0	4.0



MODEL: \\MODELNAME
 FILE: \\NAME.PLOT
 PROJECT: \\PROJECTNAME
 OFFICE: \\OFFICE
 DATE: 3/22/2018

• F.A.S. 1671 / F.A.P. 824

USER NAME = BakerCR	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/22/2018	CHECKED -	REVISED -
	DATE -	REVISED -

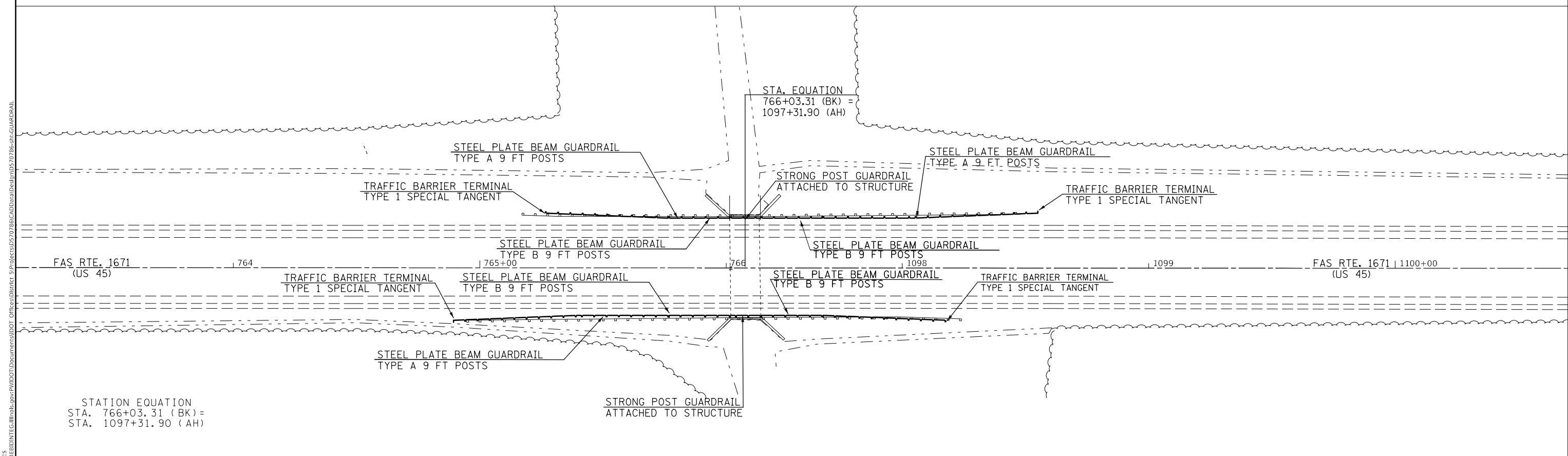
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
20	RS-4(21X)RS-2,21	DOUGLAS	107	90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70786	

GUARDRAIL SCHEDULE

LOCATION	STATION	TO	STATION	63000003 STEEL PLATE BEAM GUARDRAIL TYPE A 9 FT POSTS (FOOT)	63000009 STEEL PLATE BEAM GUARDRAIL TYPE B 9 FT POSTS (FOOT)	63000030 STRONG POST GUARDRAIL ATTACHED TO CULVERT (FOOT)	63100167 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT (EACH)	63200310 GUARDRAIL REMOVAL (FOOT)	72501000 TERMINAL MARKER - DIRECT APPLIED (EACH)	78200005 GUARDRAIL REFLECTORS TYPE A (EACH)	
DOUGLAS COUNTY											
LEFT SIDE	765+26.00		765+76.00				1.0	205.0	1.0		
	765+76.00		766+01.00		25.0						
	766+01.00	S.E.	1097+42.00			12.5					
	1097+42.00		1097+67.00		25.0						
	1097+67.00		1098+04.50		37.5						
	1098+04.50		1098+54.50				1.0		1.0	4.0	
RIGHT SIDE	764+88.50		765+38.50				1.0	205.0	1.0		
	765+38.50		765+76.00		37.5						
	765+76.00		766+01.00			25.0					
	766+01.00		1097+42.00				12.5				
	1097+42.00		1097+67.00			25.0					
	1097+67.00		1097+17.00				1.0		1.0	4.0	
S.E. = STA. EQUATION				TOTAL =	75.0	100.0	25.0	4.0	410.0	4.0	8.0



STATION EQUATION
 STA. 766+03.31 (BK) =
 STA. 1097+31.90 (AH)

• F.A.S. 1671 / F.A.P. 824

MODEL: \\MODELNAME
 FILE: \\NAME.PLOT
 PROJECT: \\PROJECTNAME
 DRAWING: \\DRAWINGNAME
 DATE: 3/22/2018

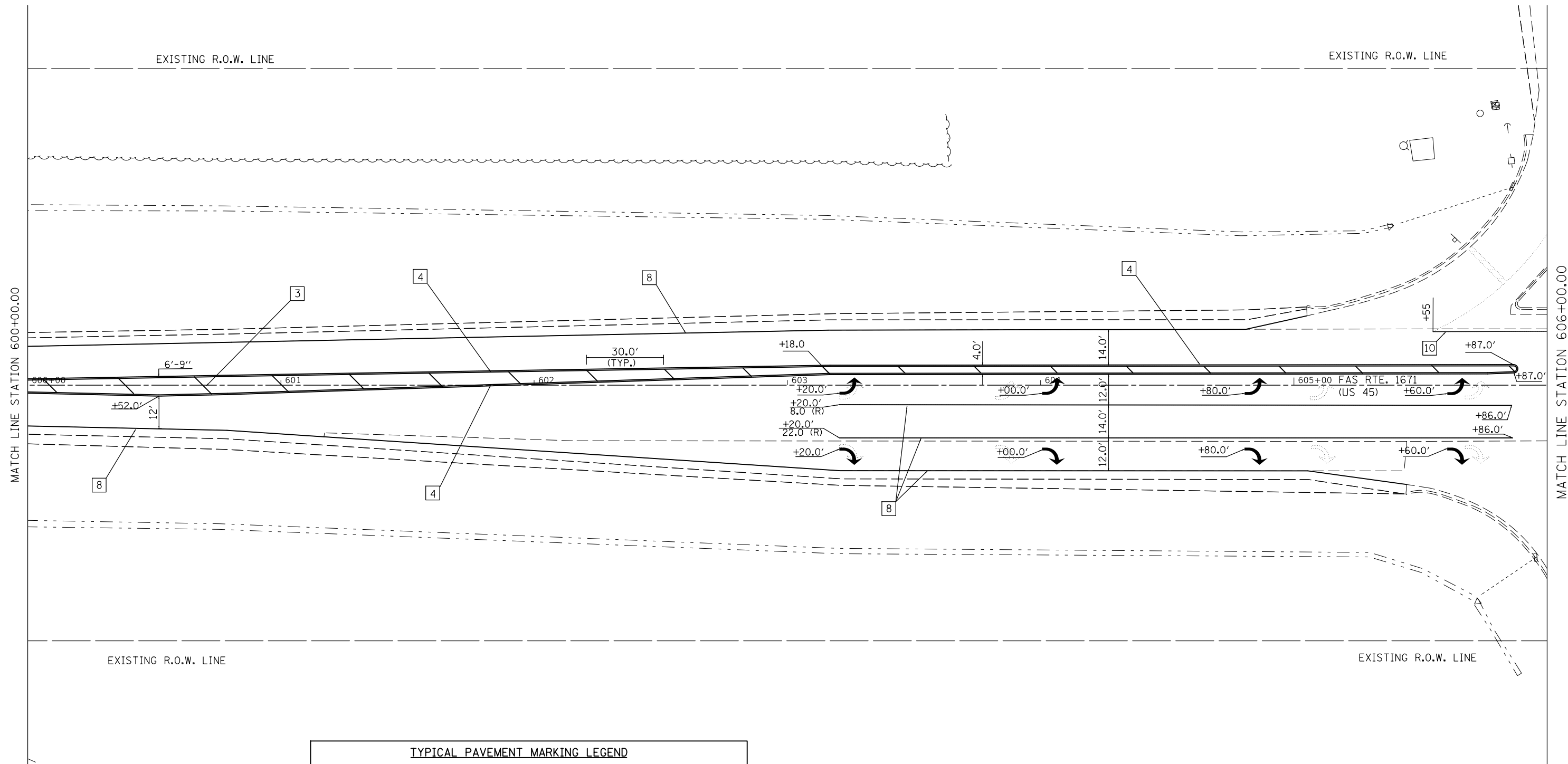
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL LAYOUT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
20	RS-4(X21)RS-2,21 RS-5	DOUGLAS	107	91
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

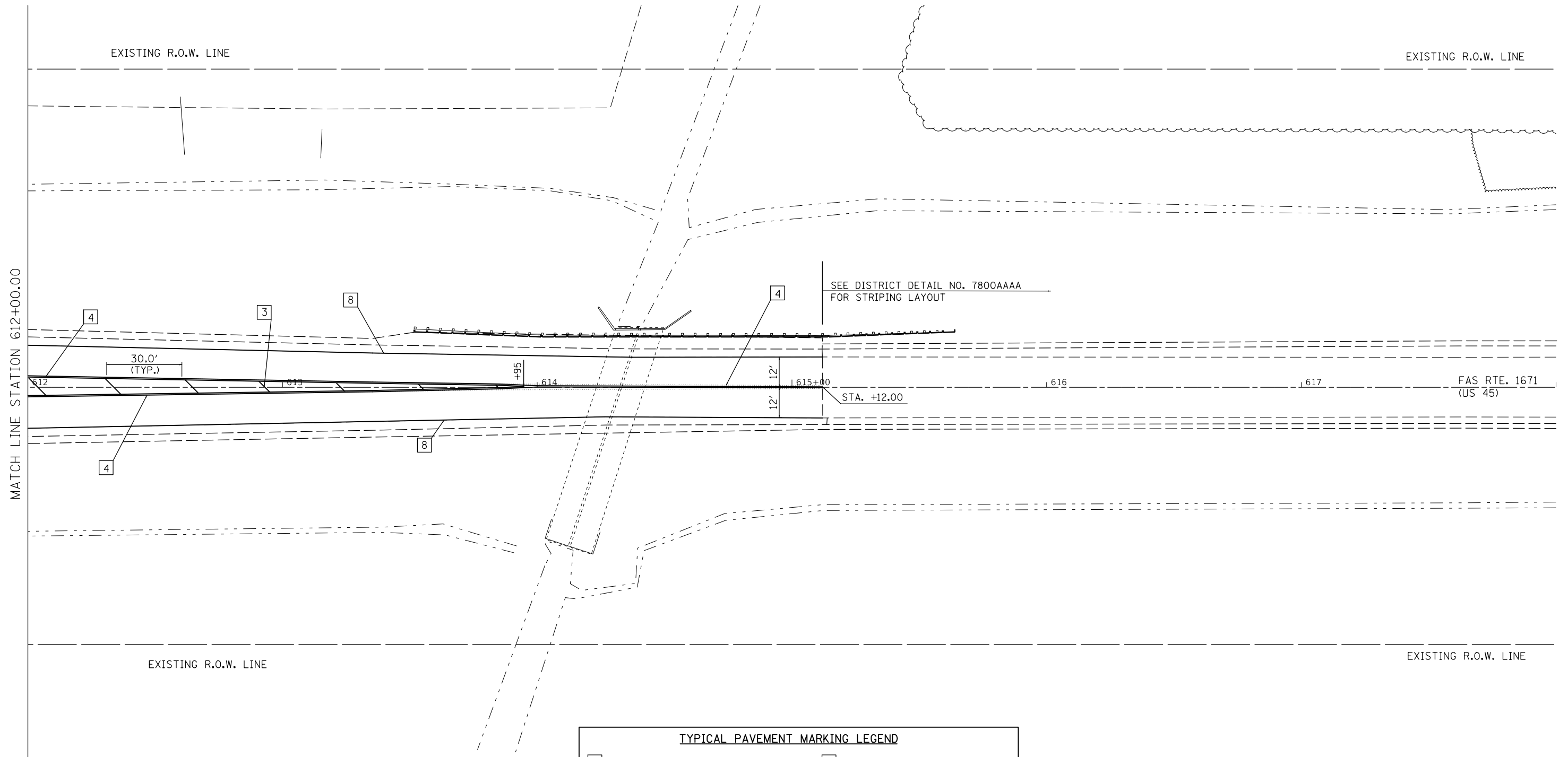


TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

* F.A.S. 1671 / F.A.P. 824

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0577\BROWND\Design\0570786-shr-pmk.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					•	(20 RS-4)(21X)RS-2.21 RS-5	DOUGLAS	107	93
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -		SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 70786			
								ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND			
1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\057786-shr-pmk.dgn		DRAWN -	REVISED -
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MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -

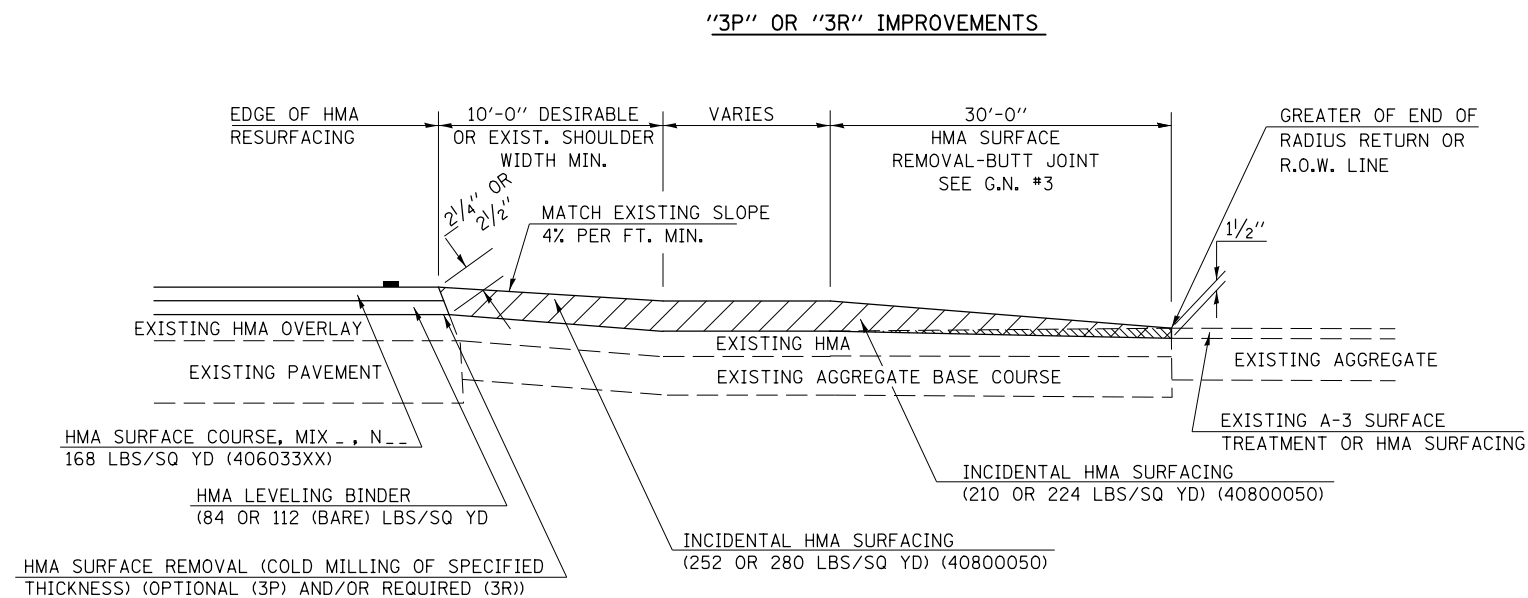
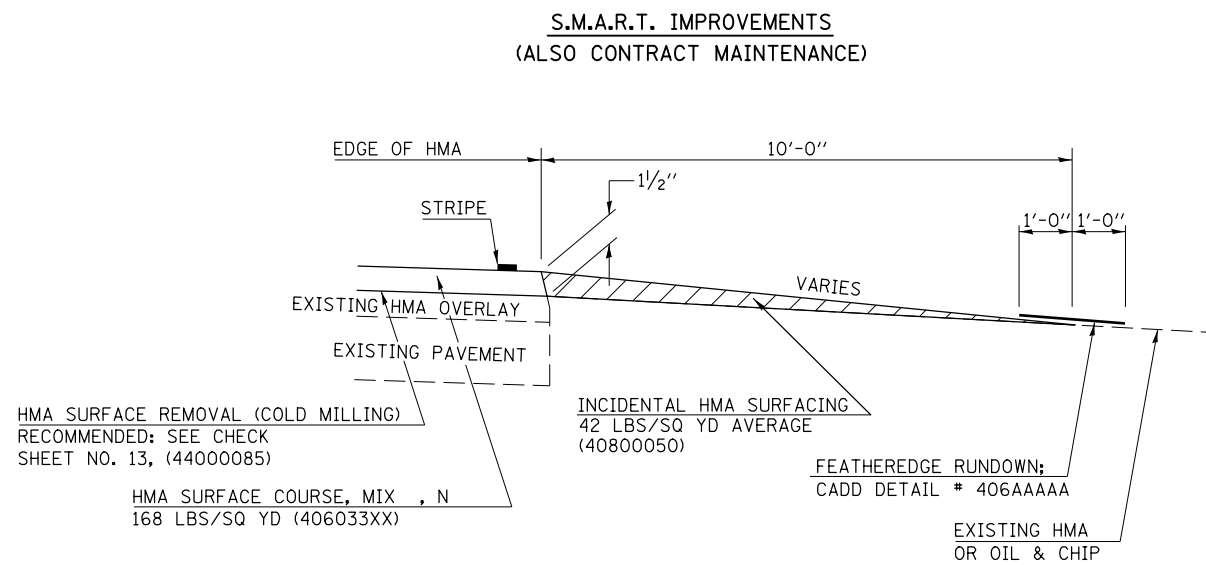
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE:	SHEET 4	OF 4	SHEETS
	STA.	TO STA.	

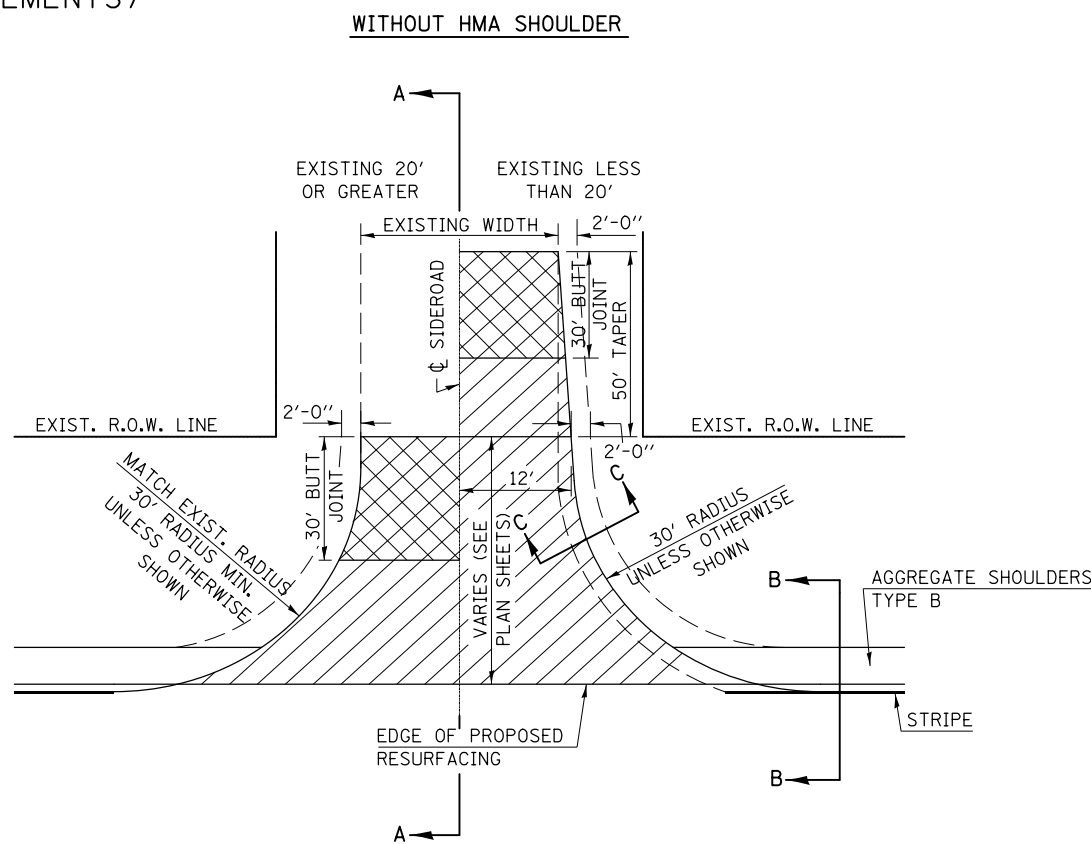
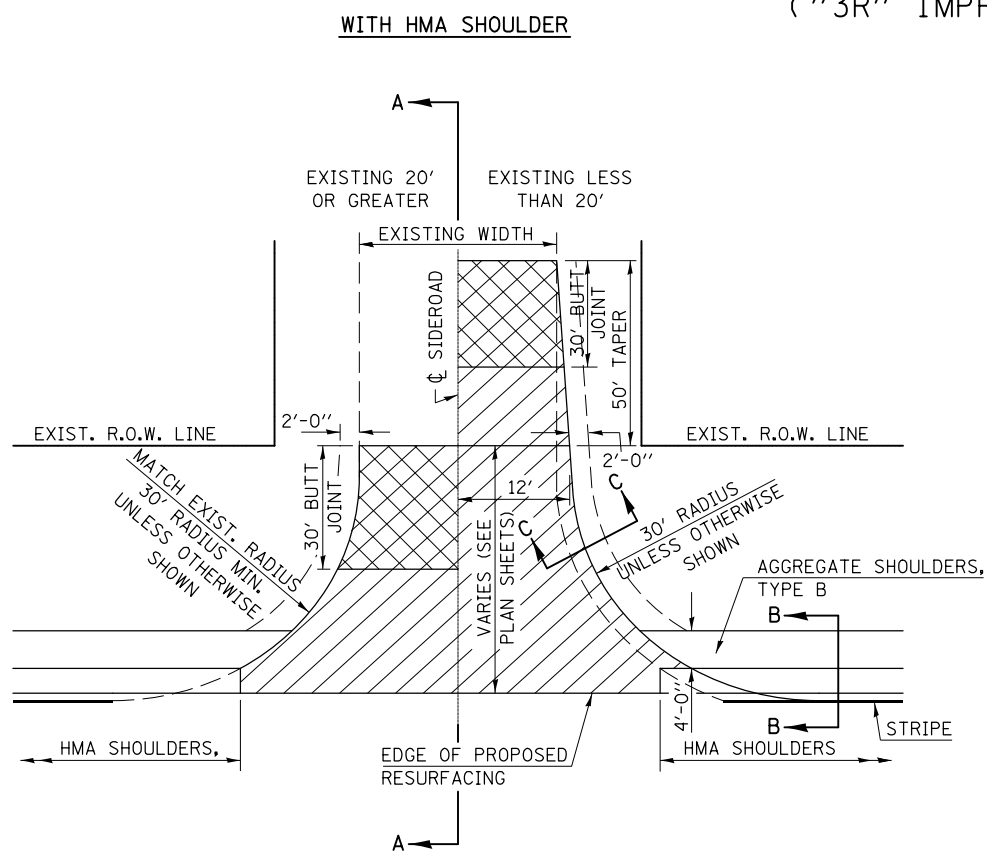
* F.A.S. 1671 / F.A.P. 824

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2.21 RS-5		DOUGLAS	107	95
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION



PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 408000AA

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 12/06 TJB
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\057986-shr-CADD des		CHECKED -	REVISED - 09/07 KAG
		DATE -	REVISED - 12/09 KJT
			REVISED -

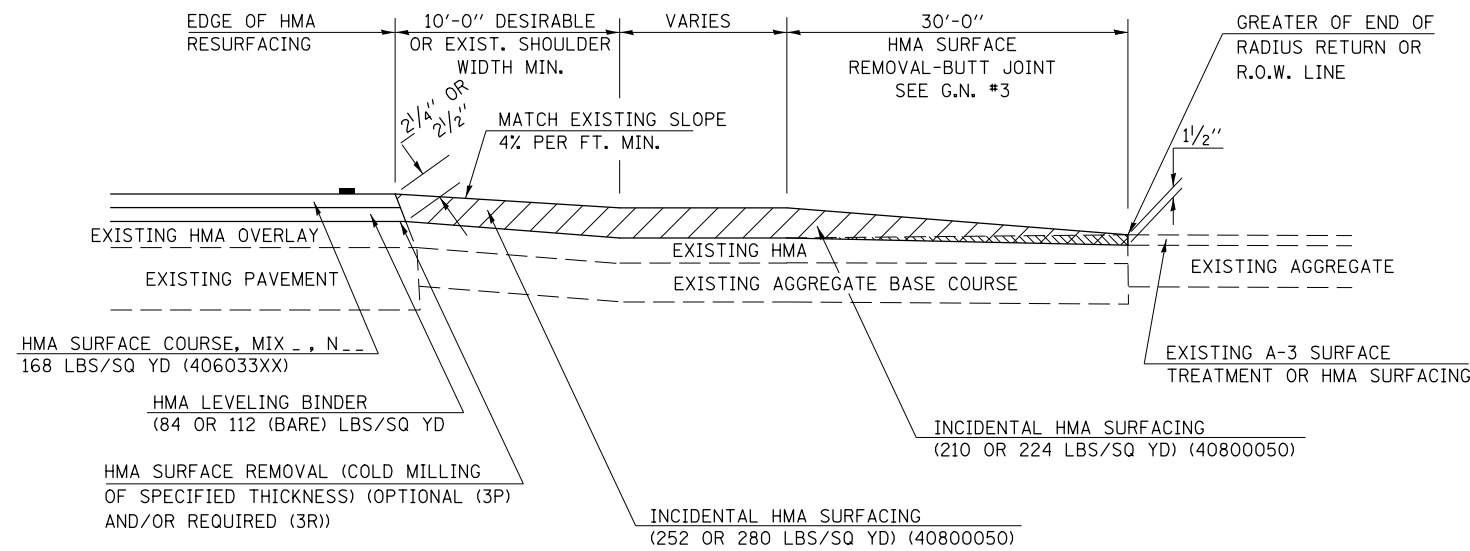
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROADS & SIDESTREETS (RURAL)

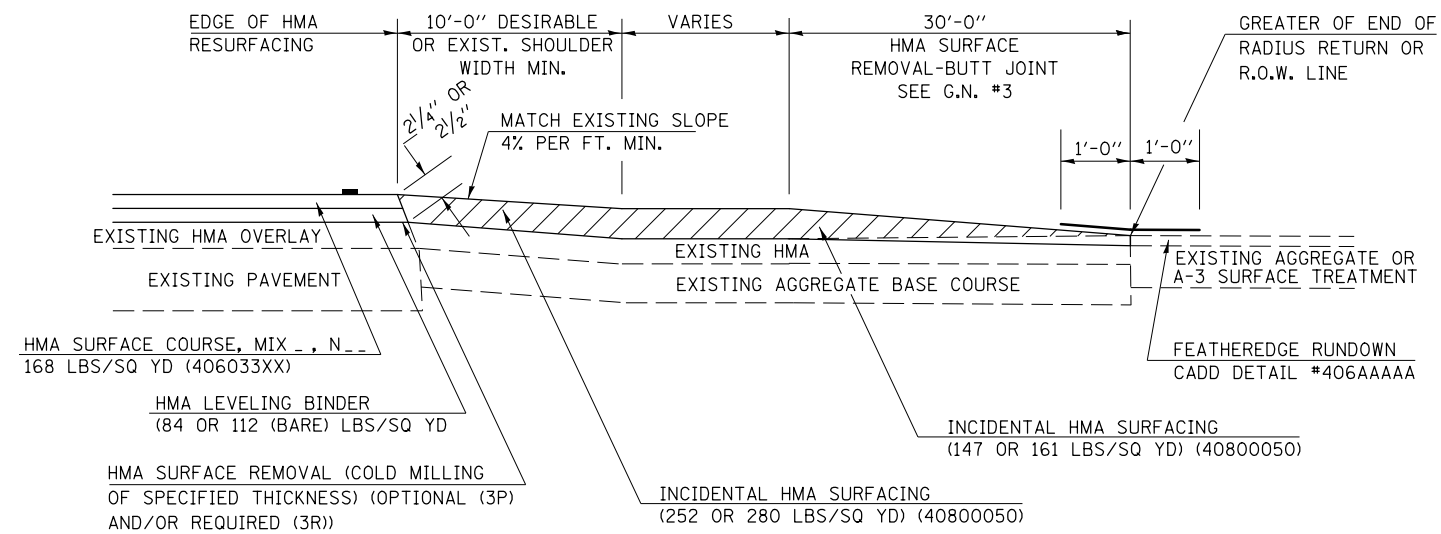
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

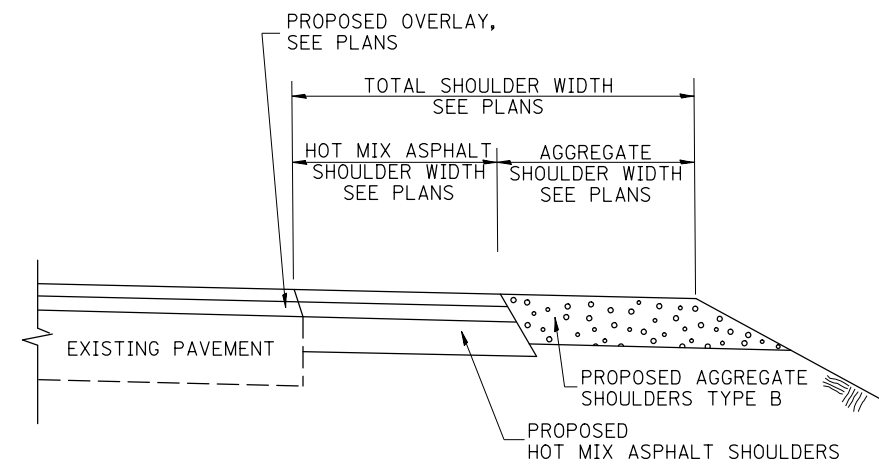
SECTION A-A
EXISTING HMA OR PCC SIDEROAD (>400 ADT)



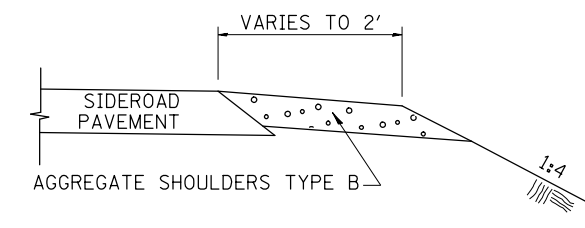
SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (<400 ADT)



RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)									
DESIGN ELEMENT	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance		
	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT); (measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics Engineer	resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA					
RADIUS (FT)	30	30		resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA					
SHOULDER WIDTH (FT)	4	8	10						
SHOULDER SLOPE (%)	2	4	12						
ENTRANCE GRADE (%)	1	1 to 4	4						
BREAKOVER (%)	0	5	10						
SIDE SLOPE	1:10	1:6	1:4						
INTERSECTION ANGLE	60	75 to 90							
SURFACE TYPE									
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge		
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base					
PCC PAVEMENT (INCH)		8							



SECTION B-B
MAINLINE SHOULDER TREATMENT



SECTION C-C
SIDEROAD SHOULDER TREATMENT

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 40800AA

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 12/06 TJB
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 12/09 KJT
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

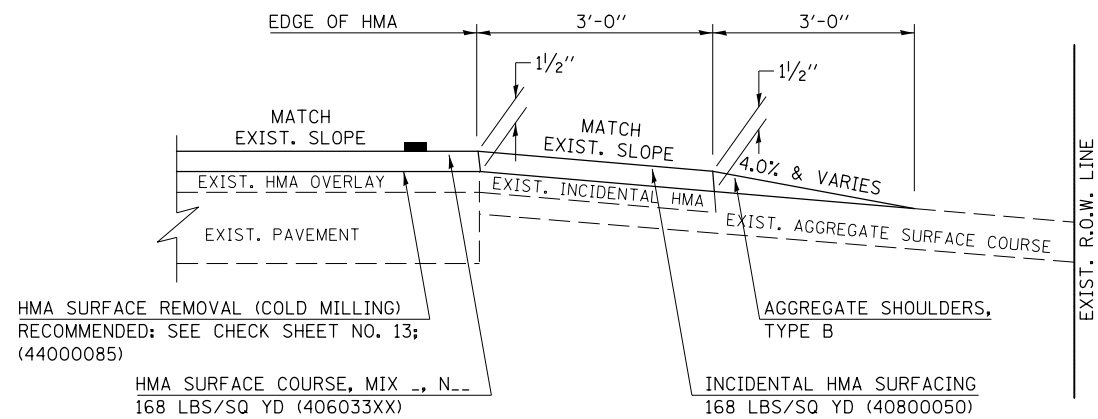
SIDEROADS & SIDESTREETS (RURAL)

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

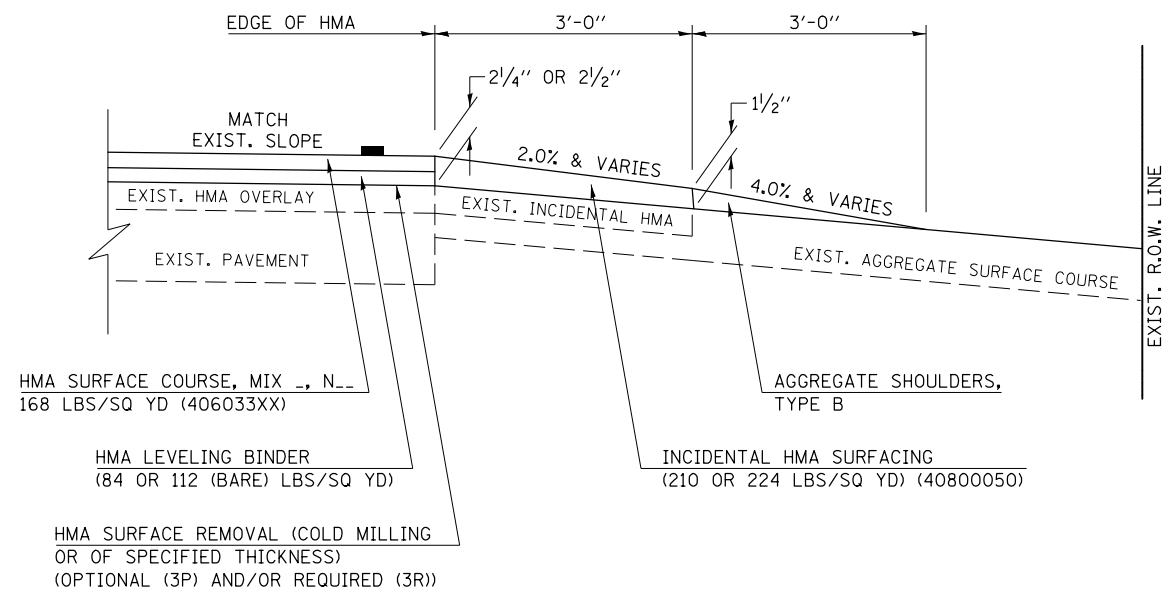
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2,21 RS-5		DOUGLAS	107	97
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION
 ("3R" WITHOUT RECONSTRUCTION, 3P, SMART AND CM)

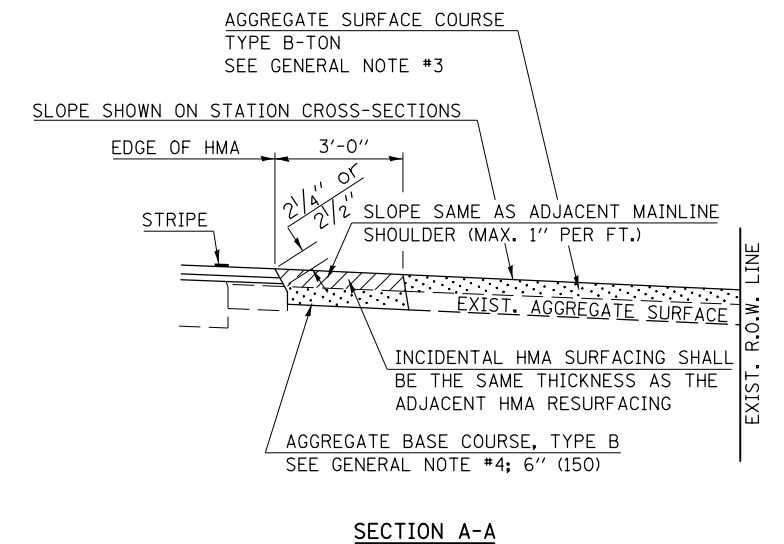
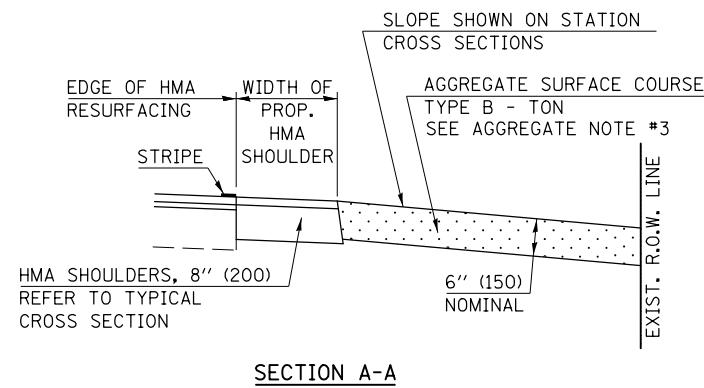
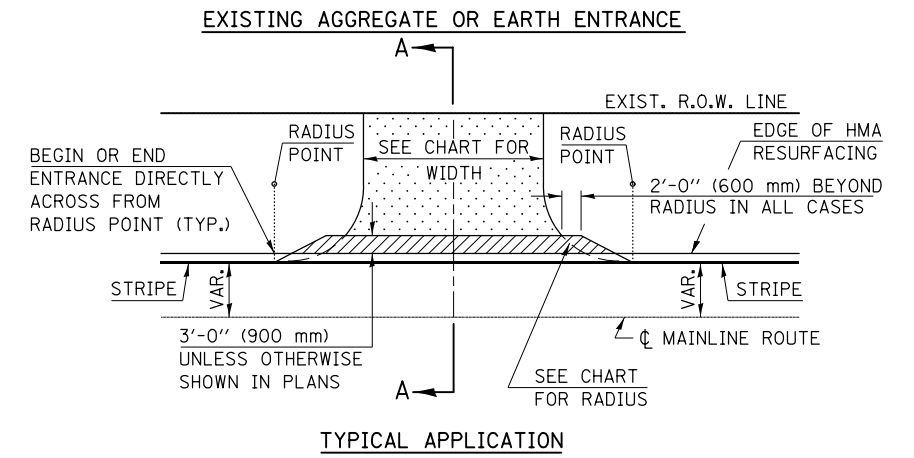
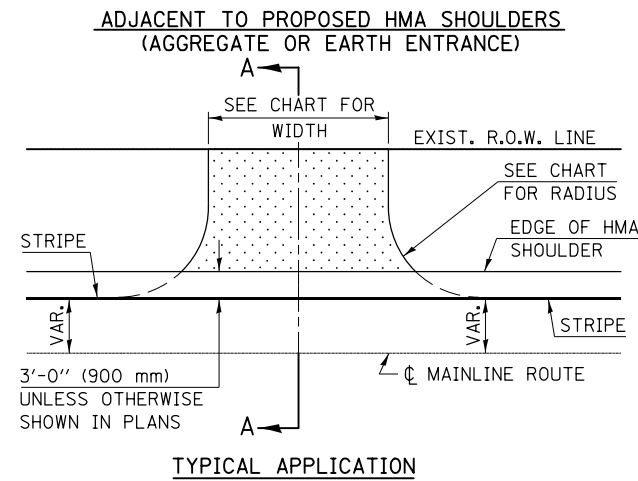
S.M.A.R.T. IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.03; 1/2")



"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2/4" OR 2/2" ON BARE CONCRETE)



PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 40800050A

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 12/06 TJB
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579786-shr-CADD.dwg		DRAWN -	REVISED - 09/07 KAG
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/08 KJT
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-2,21 RS-5		DOUGLAS	107	98
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMORANDUM 104/01 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)																
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM									
	NONCOMMERCIAL			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL			
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL			
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.		
SURFACE WIDTH (FT)							1 LANE, 1 WAY						1 LANE, 1 WAY			
							14 16 24									
							2 LANE, 2 WAY						2 LANE, 2 WAY			
							24 30 35									
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them							
SHOULDER WIDTH (FT)	2	2		2		1	3									
SHOULDER SLOPE (%)	2	4	6	4		2	4	6								
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10								
SIDE SLOPE (FT)	1:4	1:6	1:10	1:4	1:6	1:4	1:6	1:10								
SURFACE TYPE																
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder							
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02							
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8								

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

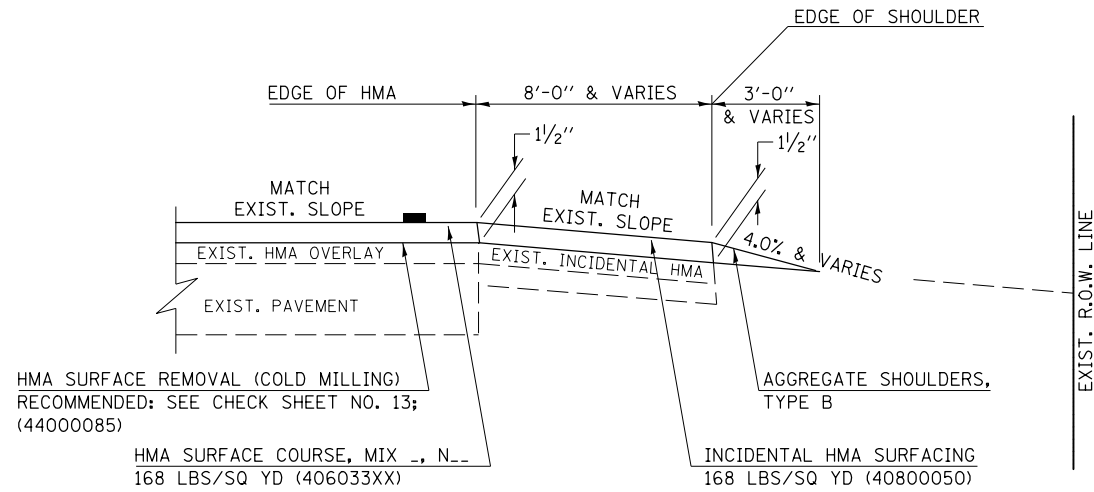
* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 40800050A

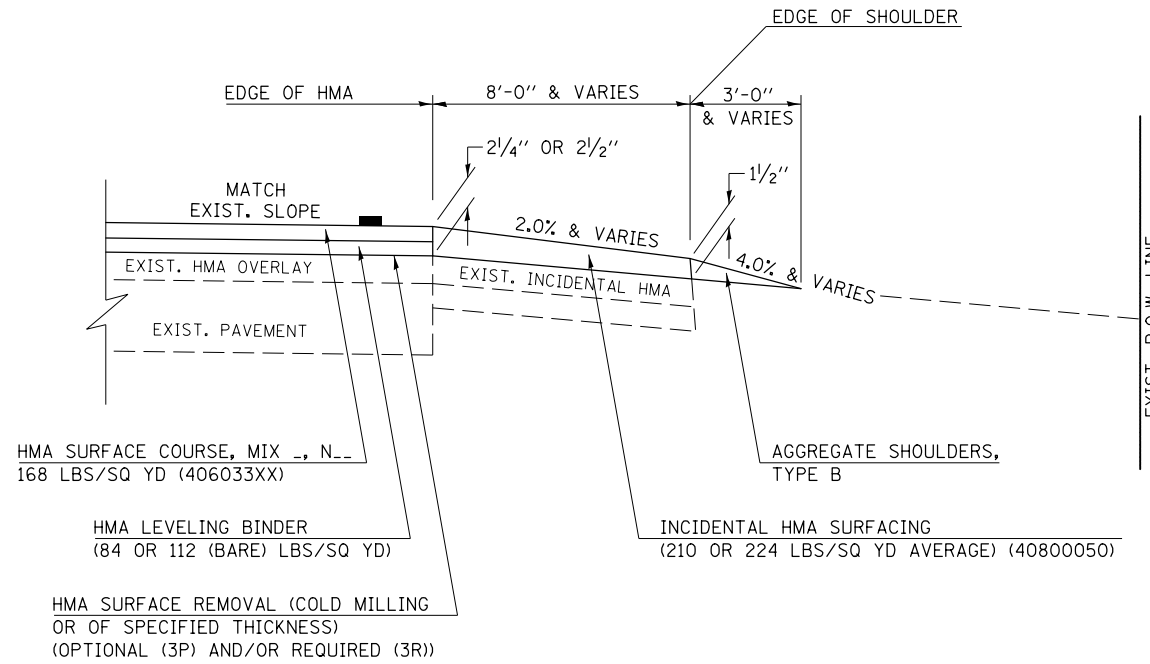
FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 12/06 TJB	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIELD ENTRANCES (NONCOMMERCIAL RURAL)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579-0786-shr-CADD des	DRAWN -	REVISED - 09/07 KAG	•			(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	99	
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/08 KJT			CONTRACT NO. 70786				
	PLOT DATE = 3/22/2018	DATE -	REVISED - 3/6/17 SWN			SCALE:	SHEET 2 OF 2 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.03; 1 1/2")

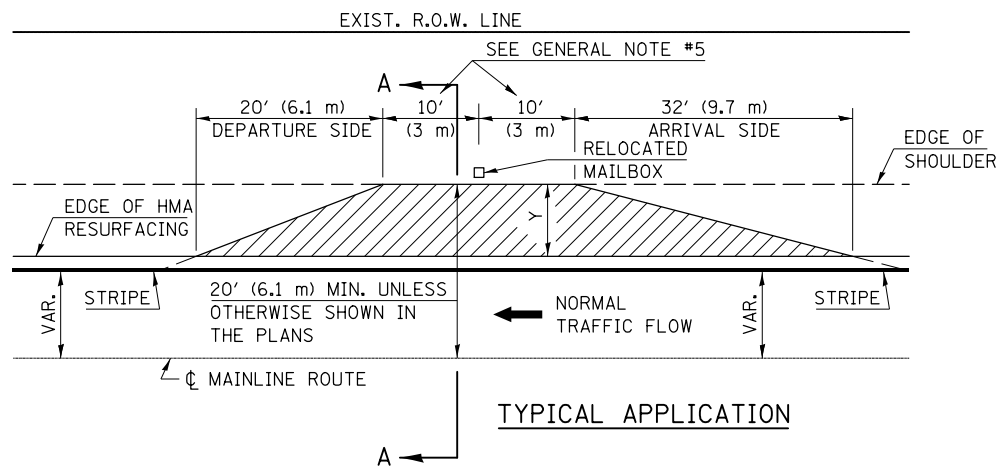


"3P" OR "3R" IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.02; 2 1/4" OR 2 1/2" ON BARE CONCRETE)



GENERAL NOTES

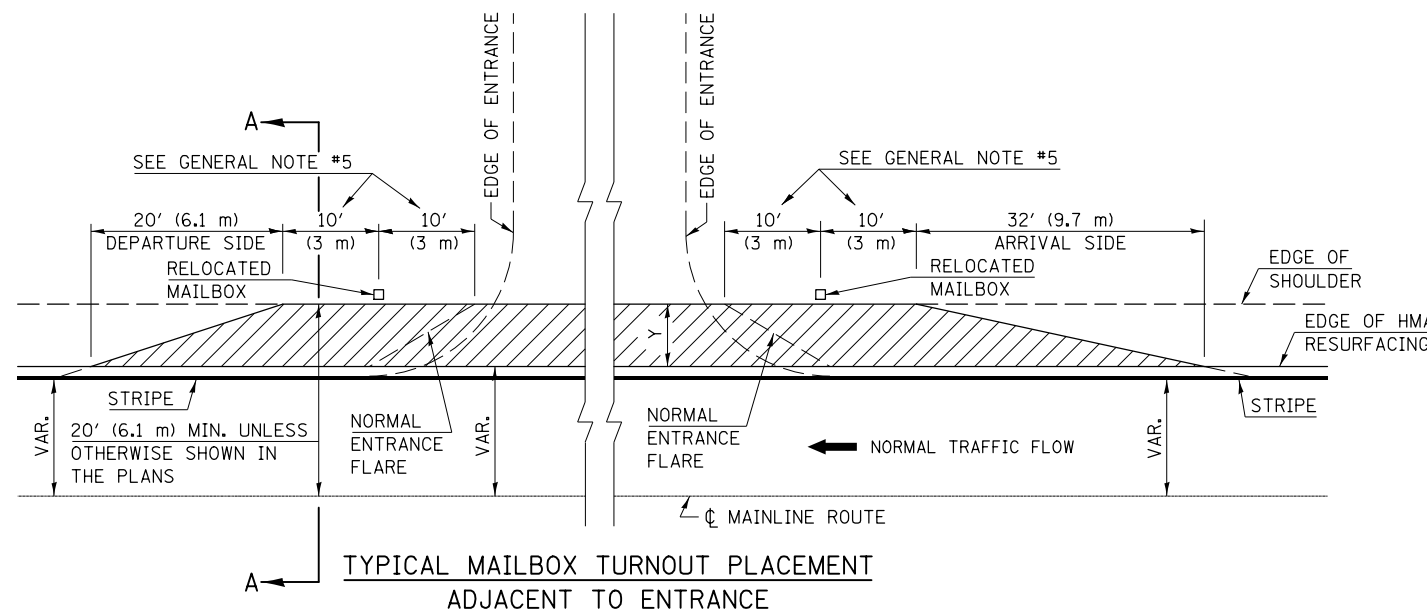
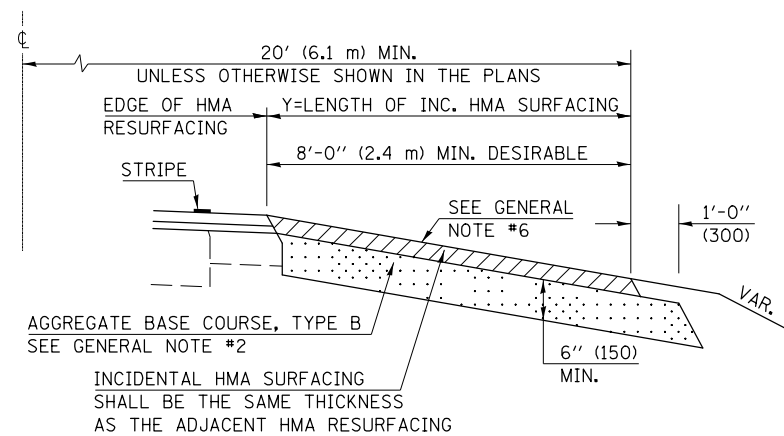
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' (3 m) DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
6. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER.
MINIMUM 4% (1/2"/') DESIRABLE; MAXIMUM 8% (1"/')
7. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
8. THE TOTAL SHOULDER WIDTH, 2.4 m (8') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN 15.0 m (50').
9. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.



PROJECTS WITH RECONSTRUCTION

("3R" IMPROVEMENTS)

WIDTH OF SHOULDER	4'-0" - 8'-0" (1.2 m - 2.4 m)	10'-0" (3.0 m)
WIDTH OF TURNOUT "Y"	8'-0" (2.4 m)	8'-0" - 10'-0" (2.4 m - 3.0 m)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 40800050B

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 12/06 TJB
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579786-shr-CADD.dwg		DRAWN -	REVISED - 09/07 KAG
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\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

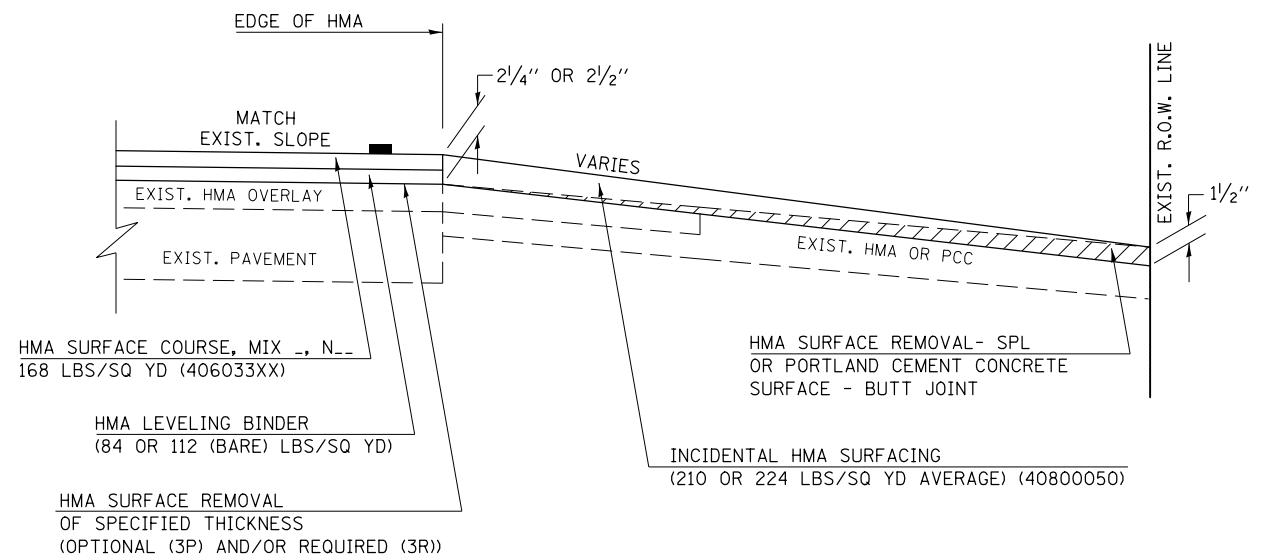
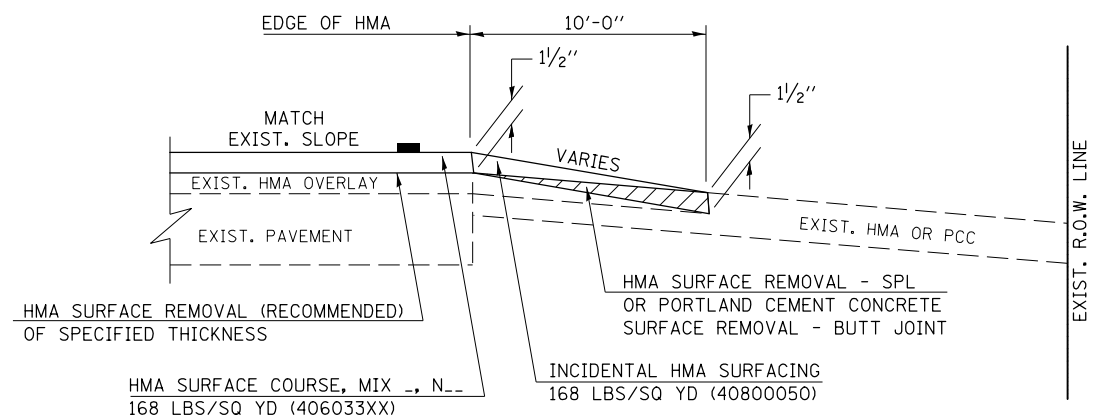
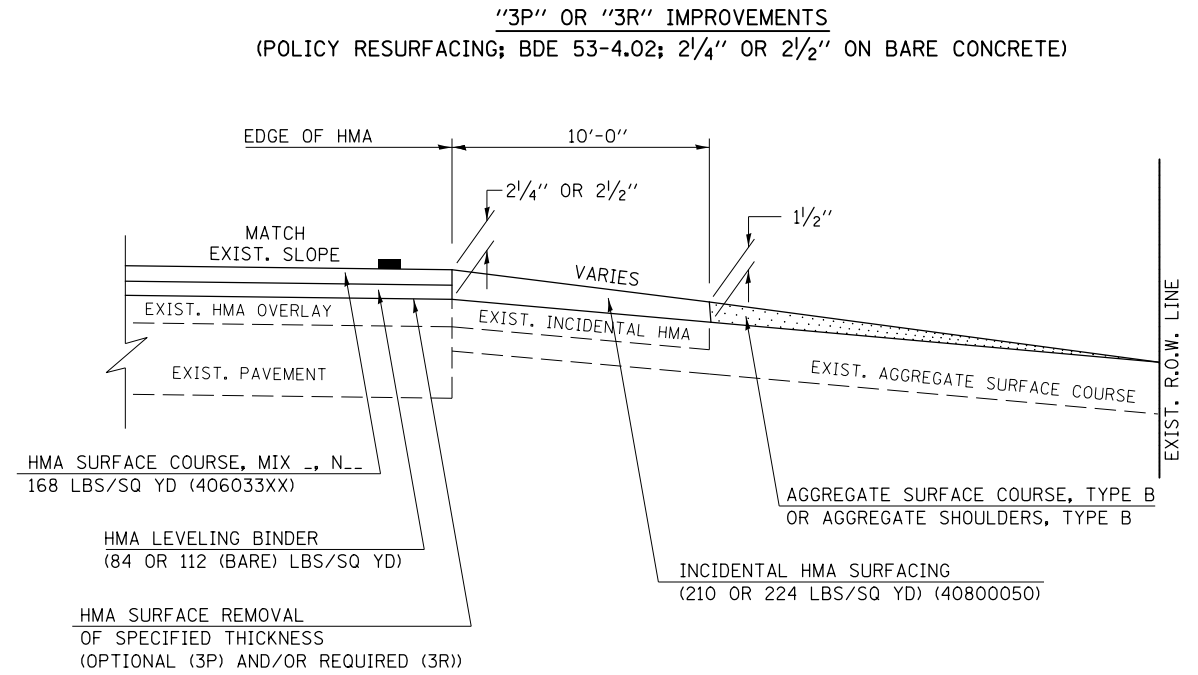
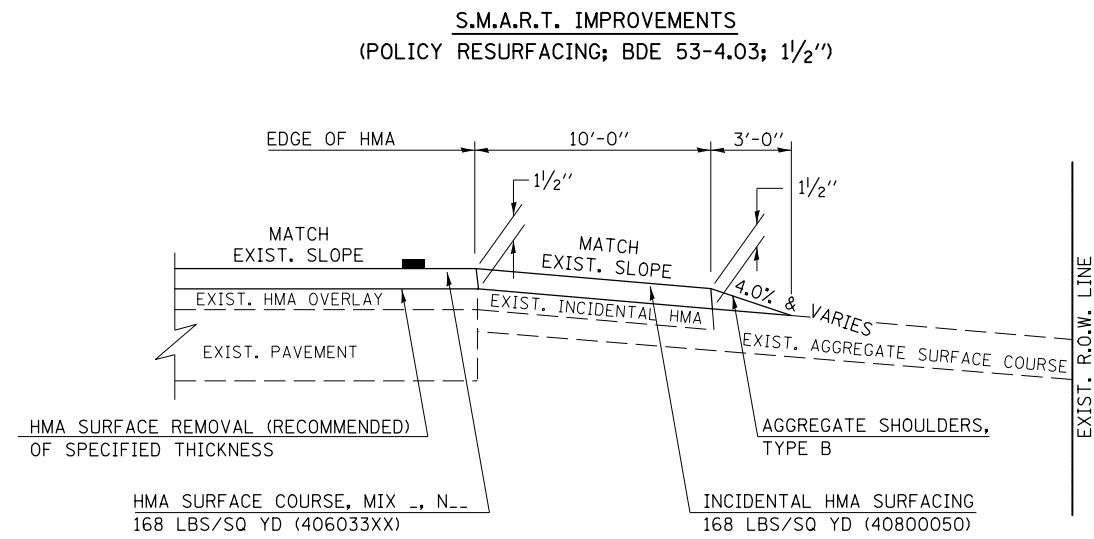
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAILBOX TURNOUT (RURAL)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	100
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 4080050C

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 12/06 TJB
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 05/08 KJT
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED - 04/10 KJT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

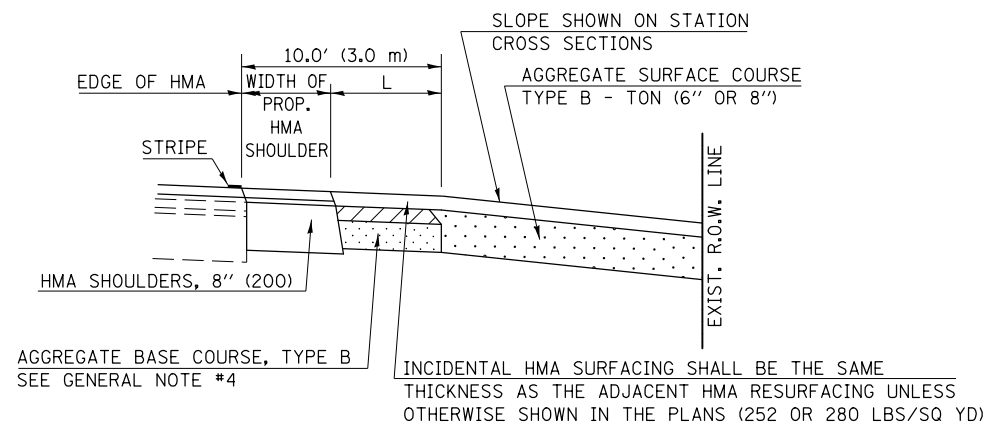
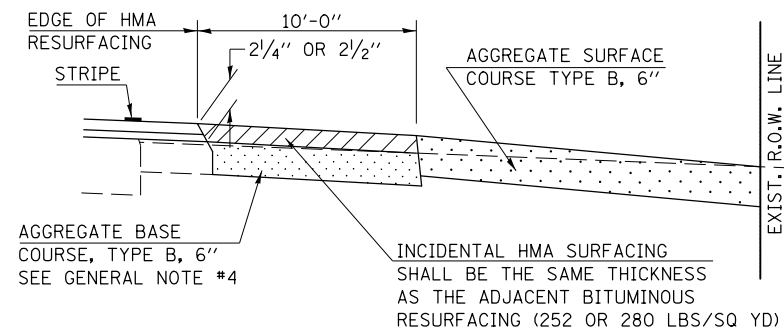
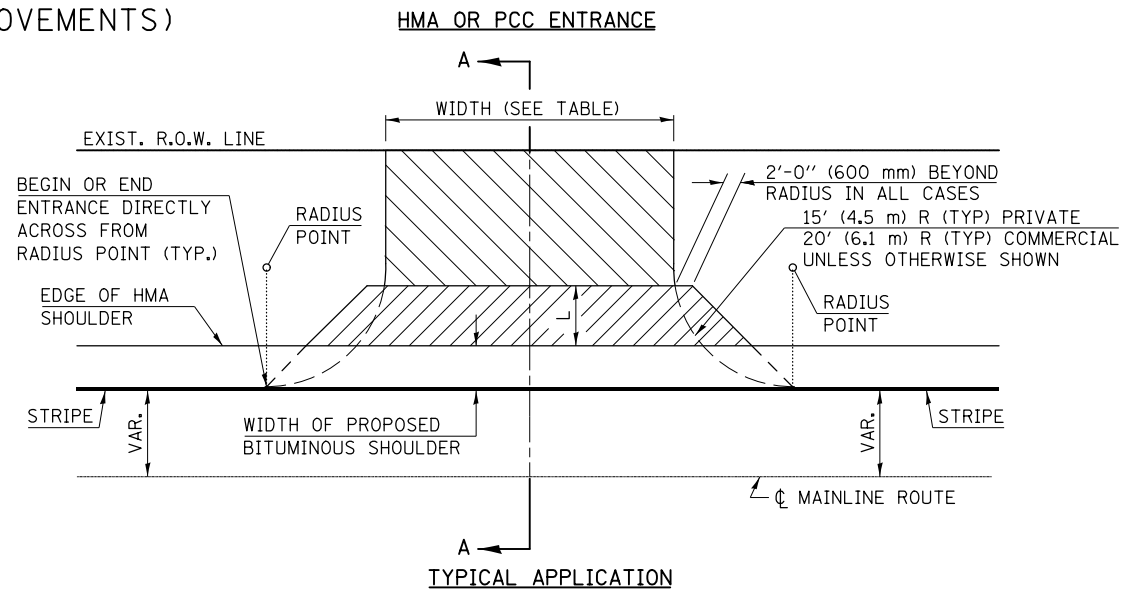
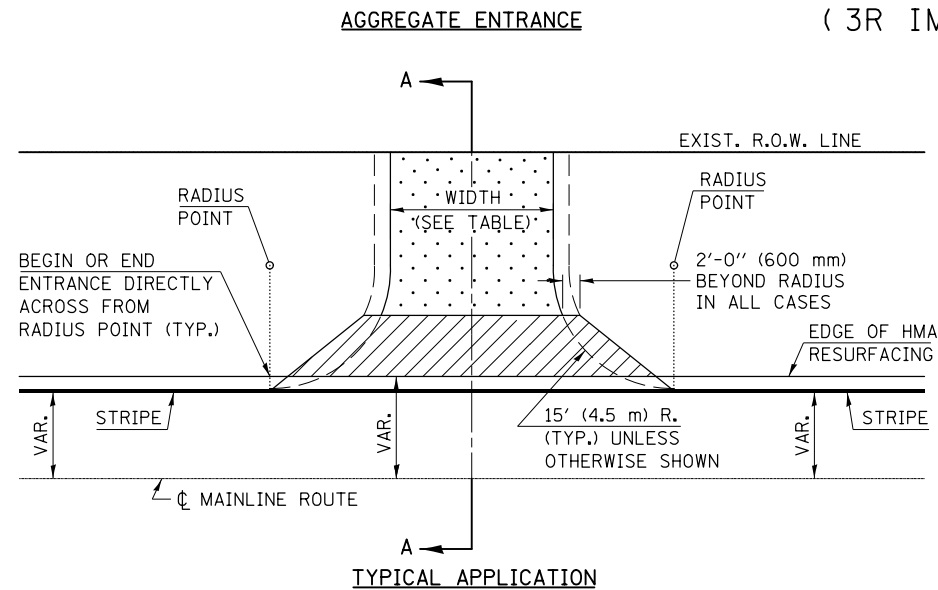
**PRIVATE AND COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	101
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				

PROJECTS WITH RECONSTRUCTION

(3R IMPROVEMENTS)



GENERAL NOTES

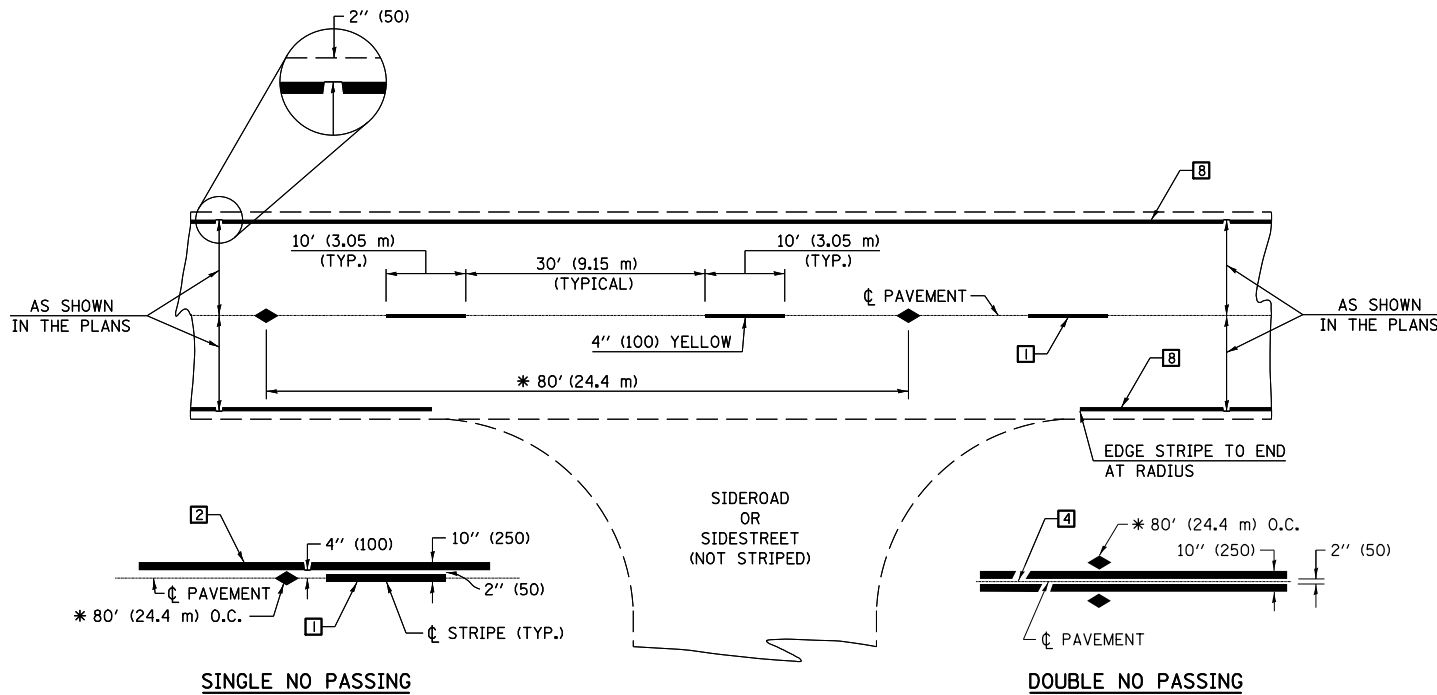
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)														
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM							
	NONCOMMERCIAL			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL				
	PRIVATE & FIELD	FIELD W/ FARM IMPLEMENTS	COMMERCIAL	PRIVATE & FIELD	COMMERCIAL	PRIVATE & FIELD	COMMERCIAL	PRIVATE & FIELD	COMMERCIAL	PRIVATE & FIELD	COMMERCIAL			
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY		
						14	16	24	14	16	24	14	16	24
RADIUS (FT)	15	25	40	30		2 LANE, 2 WAY			2 LANE, 2 WAY			2 LANE, 2 WAY		
						24	30	35	24	30	35	24	30	35
SHOULDER WIDTH (FT)	2	2		2		1	3		resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them					
SHOULDER SLOPE (%)	2	4	6	4		2	4	6						
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10						
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4						
SURFACE TYPE														
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder					
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02					
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8						

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 4080050C



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

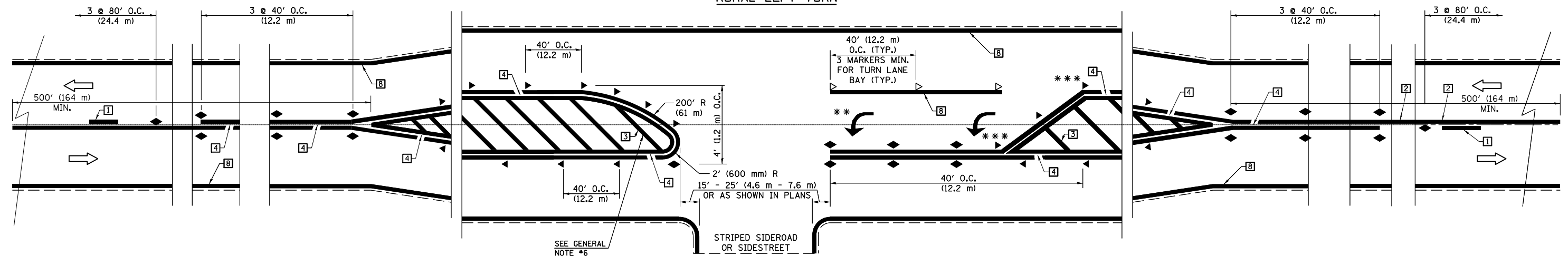
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

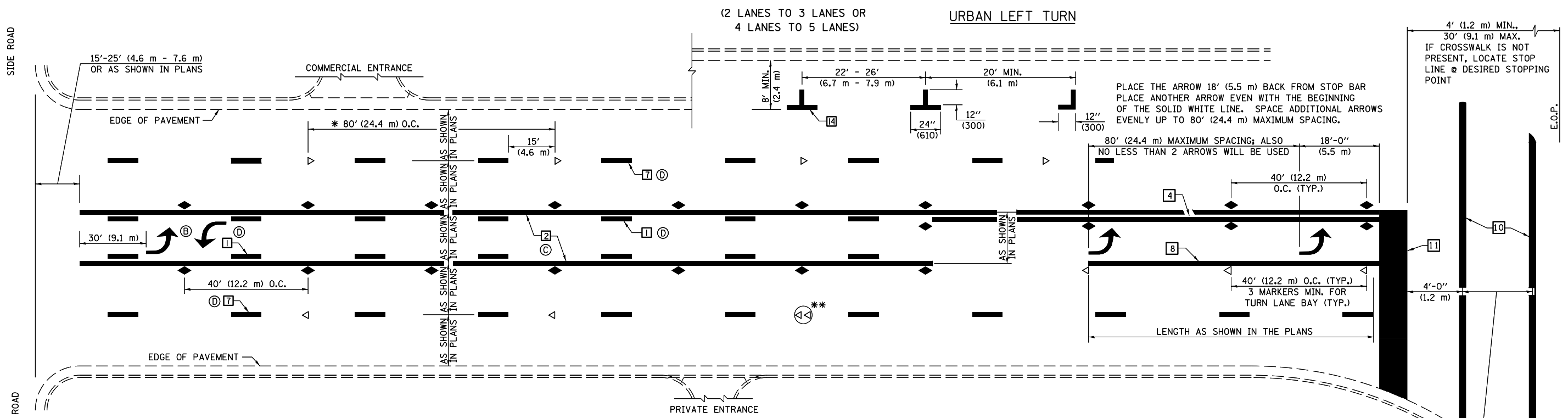
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\057786-shr-CADD\des\REVISED - 09/2009 - KJT	DESIGNED -	REVISED - 04/14 - JLA	• (20 RS-4)(21X)RS-2,21 RS-5			DOUGLAS	107	103		
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70786							
MODELNAME	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

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

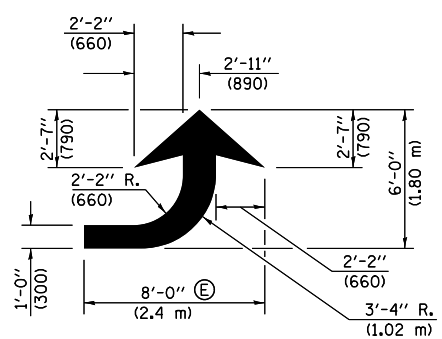


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

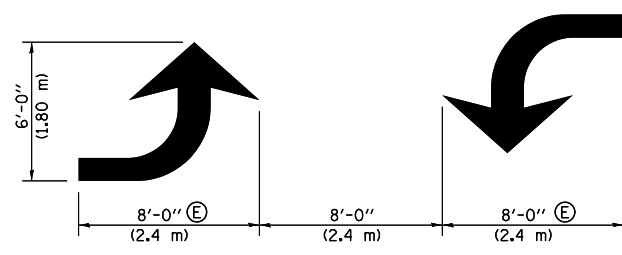
GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



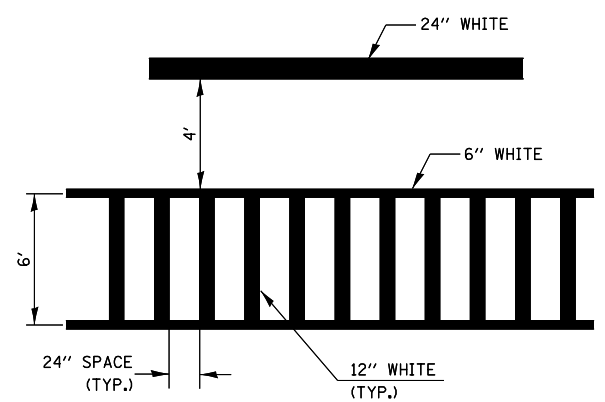
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

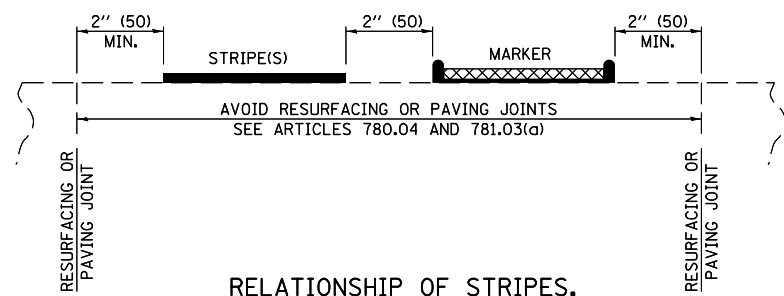


TYPICAL DOUBLE TURN ARROWS (WHITE)

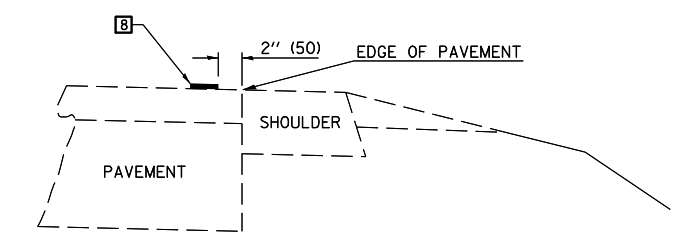
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

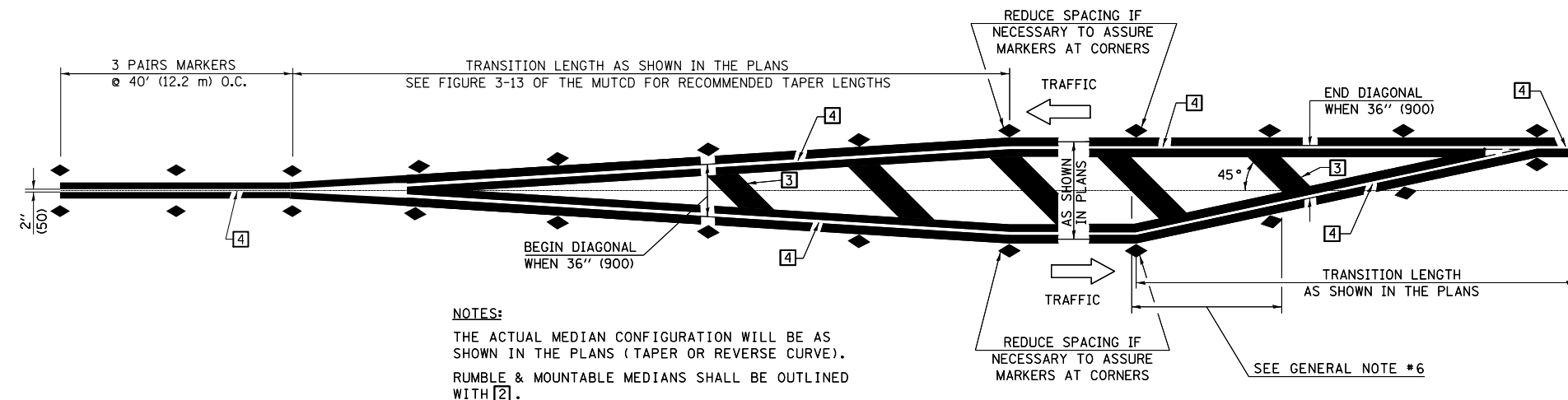
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671 (US 45)

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG\illinois.gov\PIWDDT\Documents\DOT Offices\District 5\Projects\0577\DRAWING\Design\0570786-shr-CADD.dwg	DESIGNED - 09/2009 - KJT	CHECKED -	REVISED - 04/14 - JLA			• (20 RS-4)(21X)RS-2,21 RS-5	DOUGLAS	107	104	
PLOT SCALE = 40.0000' / in.	CHECKED -	DATE -	REVISED -			CONTRACT NO. 70786				
MODELNAME	PLOT DATE = 3/22/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

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

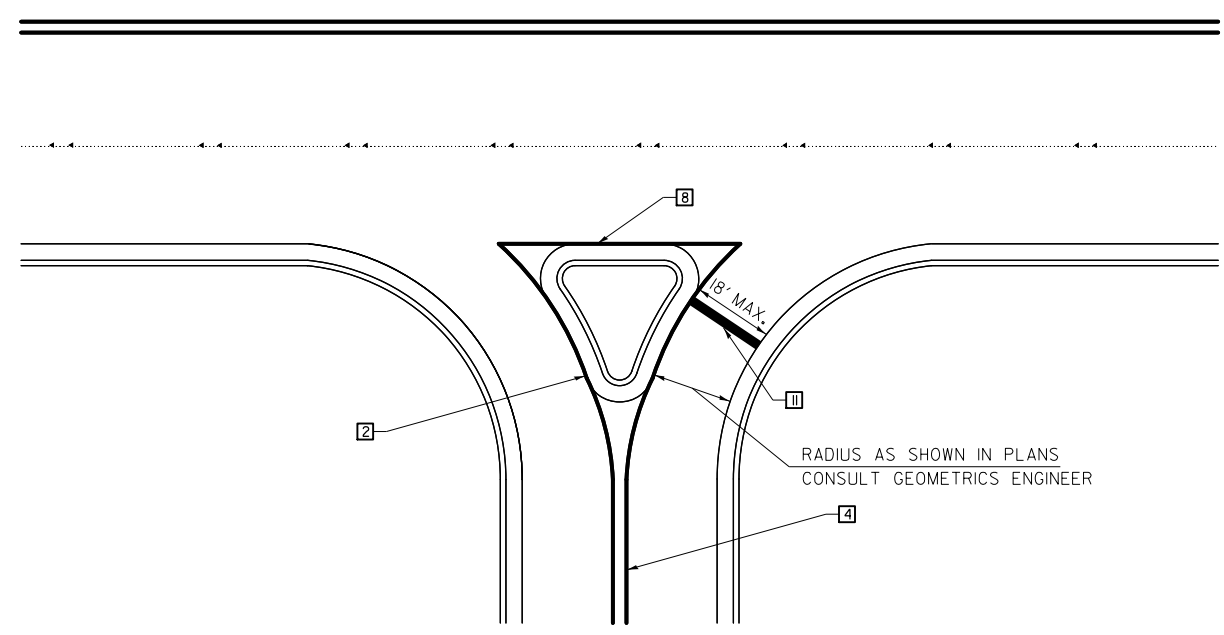


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

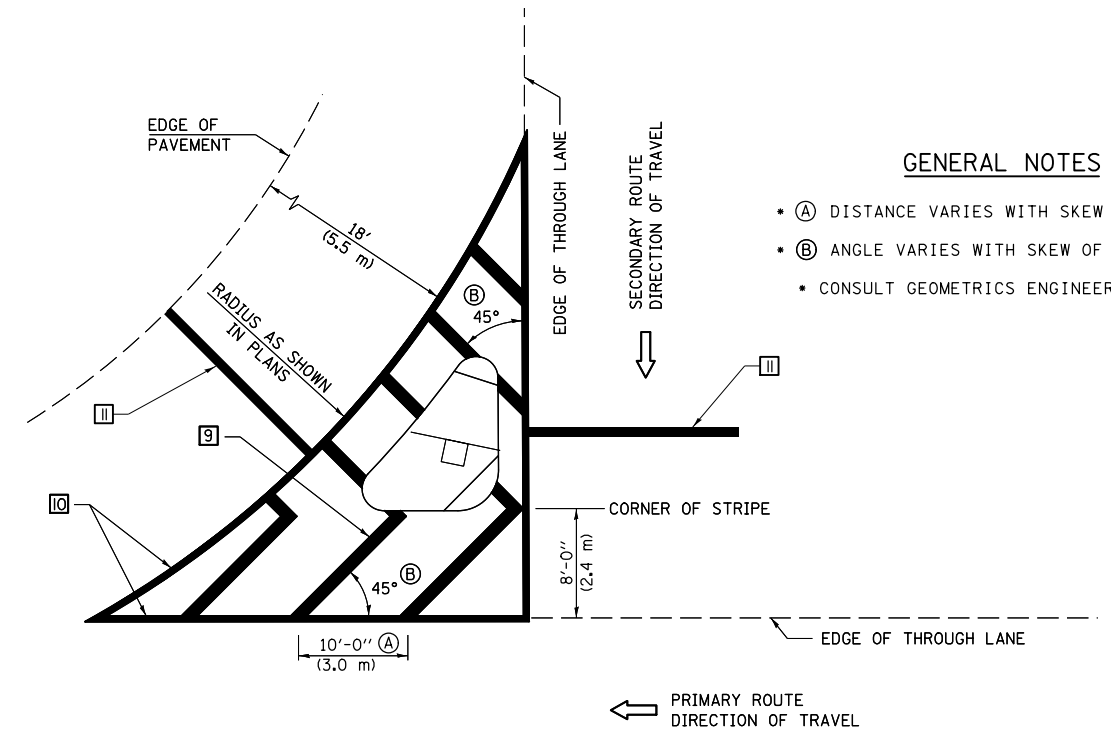
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 7800AAA

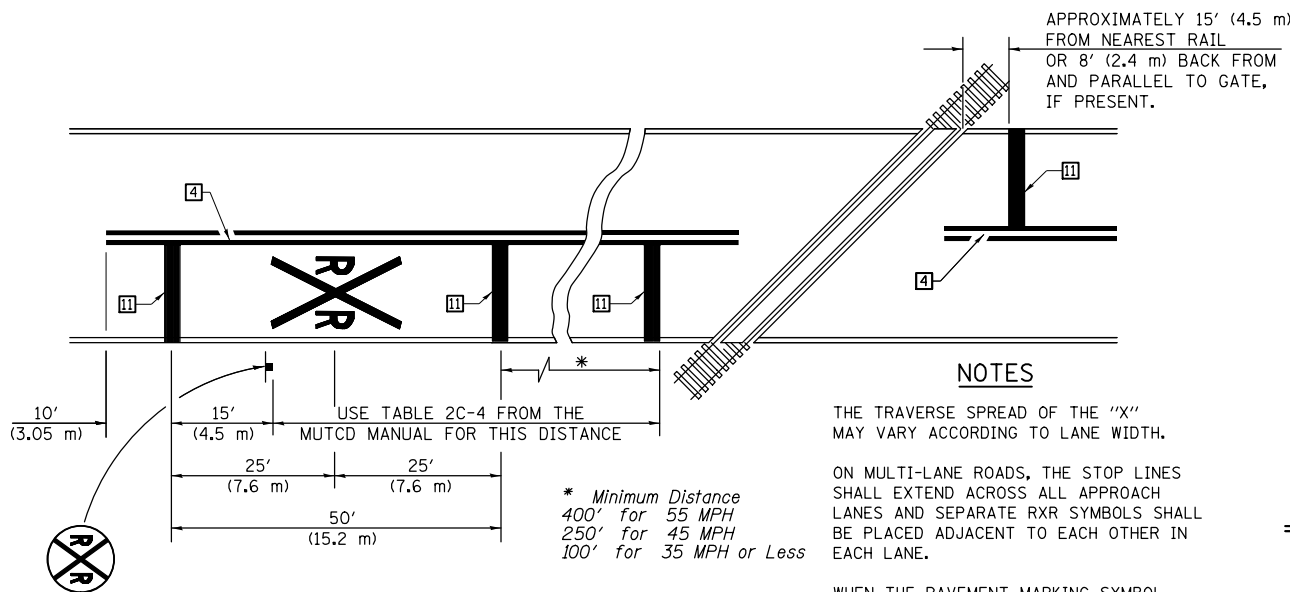
FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
\$MODELNAME\$	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• (20 RS-4)(21X)RS-3,21 RS-5		DOUGLAS	107	105
CONTRACT NO. 70786				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

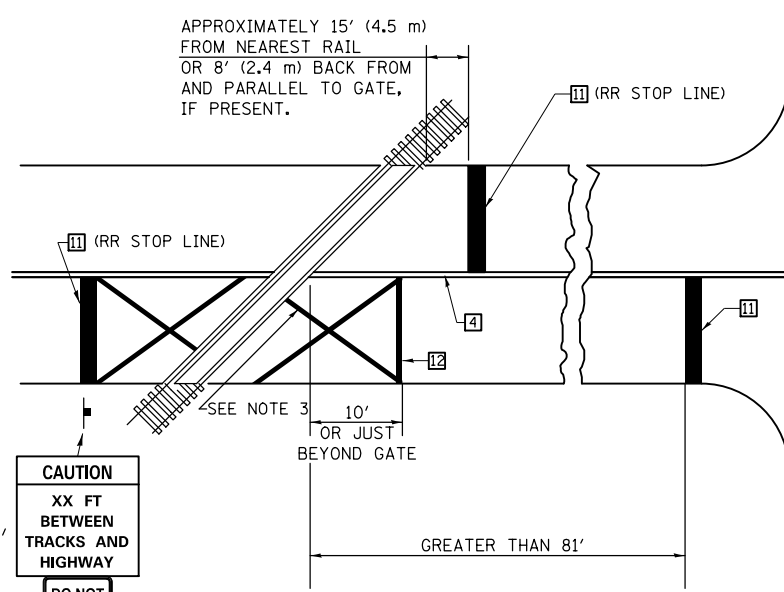
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

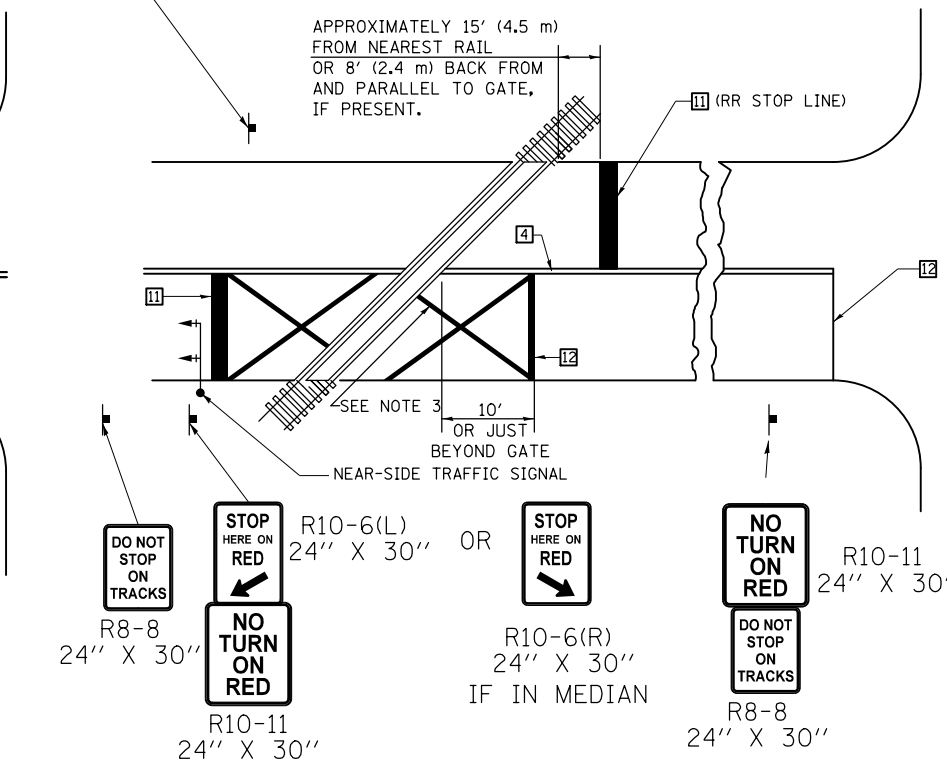
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

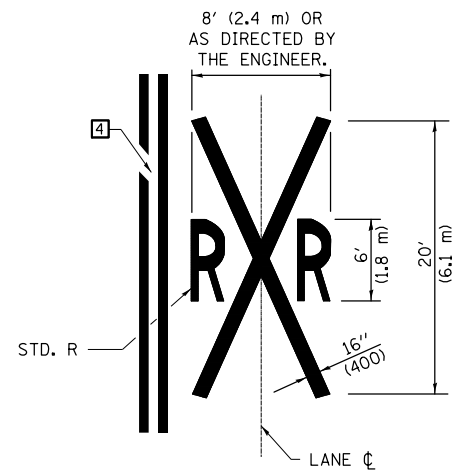
RAILROAD CROSSING WITH INTERCONNECT ONLY



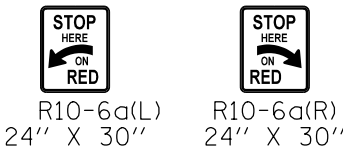
RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

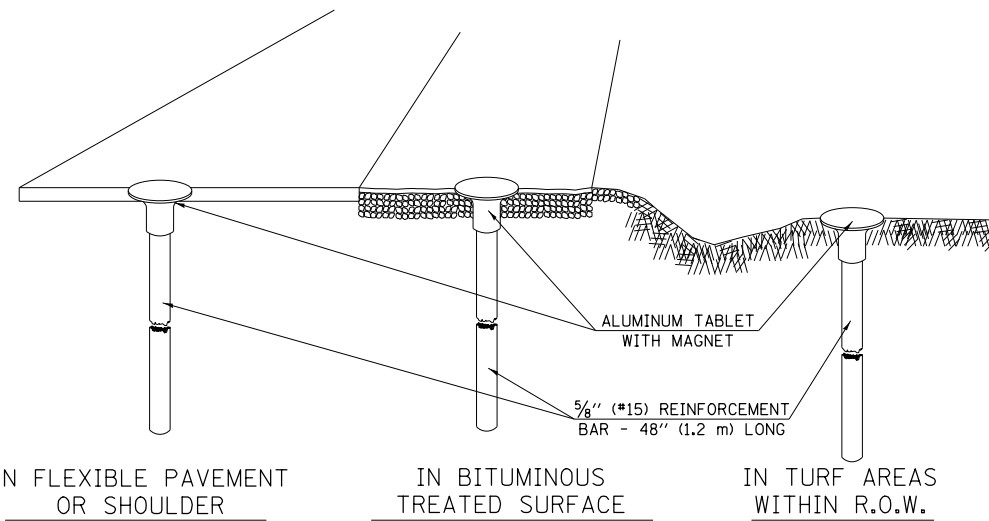
* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\057786-shr-CADD.dwg	DESIGNED - 09/2009 - KJT	CHECKED -	REVISED - 04/14 - JLA			20	RS-4(21X)RS2,21	RS-5	DOUGLAS	107	106
PLOT SCALE = 40.0000' / in.	CHECKED -	DATE -	REVISED -			CONTRACT NO. 70786					
PLOT DATE = 3/22/2018	DATE -	REVISED -				ILLINOIS FED. AID PROJECT					

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

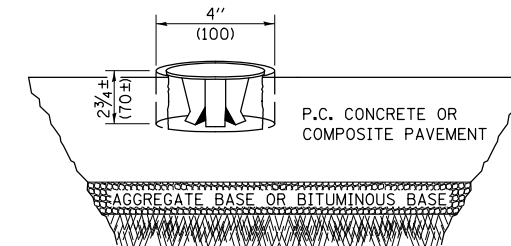
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

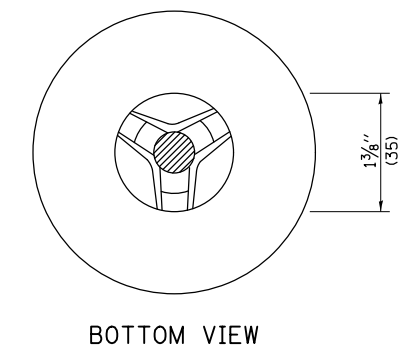
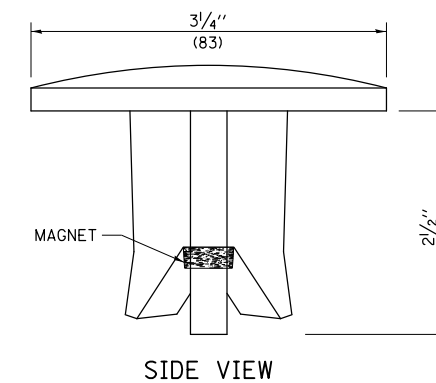
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* FAP 824 & FAS 1671

DISTRICT 5 DETAIL NO. XZ193AAA

FILE NAME =	USER NAME = BakerCR	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)			F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0570786-shr-CADD.dwg	DRAWN	CHECKED -	REVISED - 11/10					•	(20 RS-4)(21)RS-2,21 RS-5	DOUGLAS	107	107
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 70786			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/22/2018				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	