

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	(R-4)RS-4	BUREAU	20	1
		ILLINOIS	CONTRACT NO. 66L72	

INDEX OF SHEETS

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- 11 PERMANENT SURVEY MARKER TABLE
- 12 LINE DIAGRAM
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- 16 PAVEMENT MARKING DETAIL
- 17-20 DETAILS

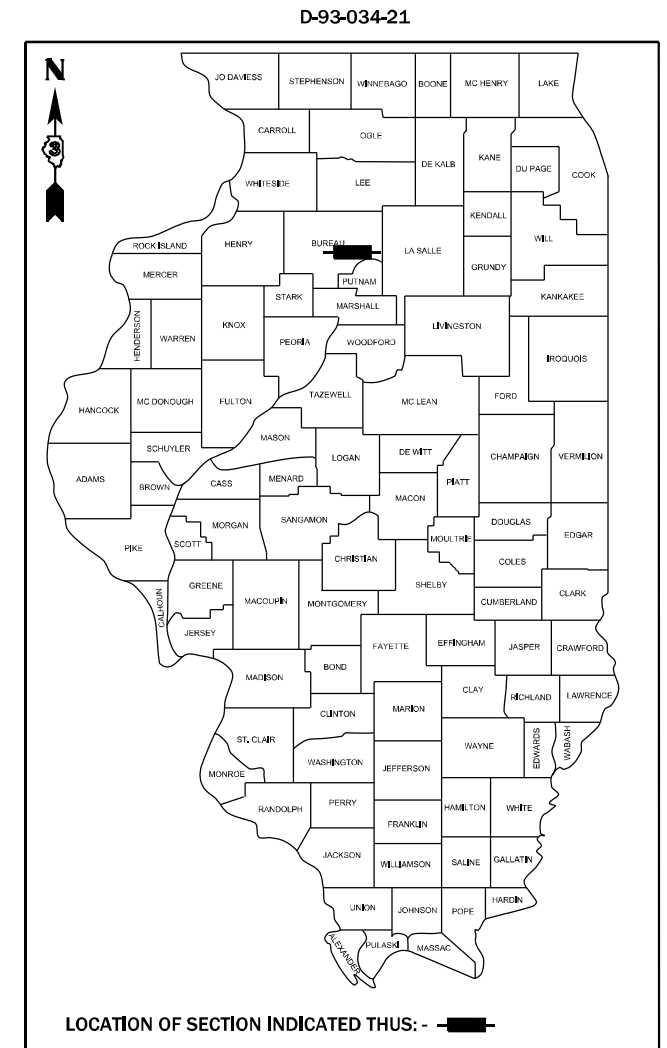
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001 08 STANDARD SYMBOLS ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 631006-08 TRAFFIC BARRIER TERMINAL, TYPE 1B
- 630106-02 LONG-SPAN GUARDRAIL OVER CULVERT
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 635001-02 DELINEATORS
- 642006 01 SHOULDER RUMBLE STRIPS, 8 INCH
- 667101-02 PERMANENT SURVEY MARKERS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 725001-01 OBJECT AND TERMINAL MARKERS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 782001-01 PRISMATIC CURB REFLECTORS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

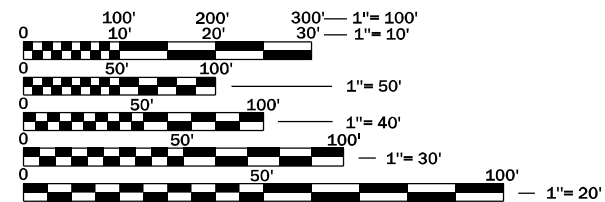
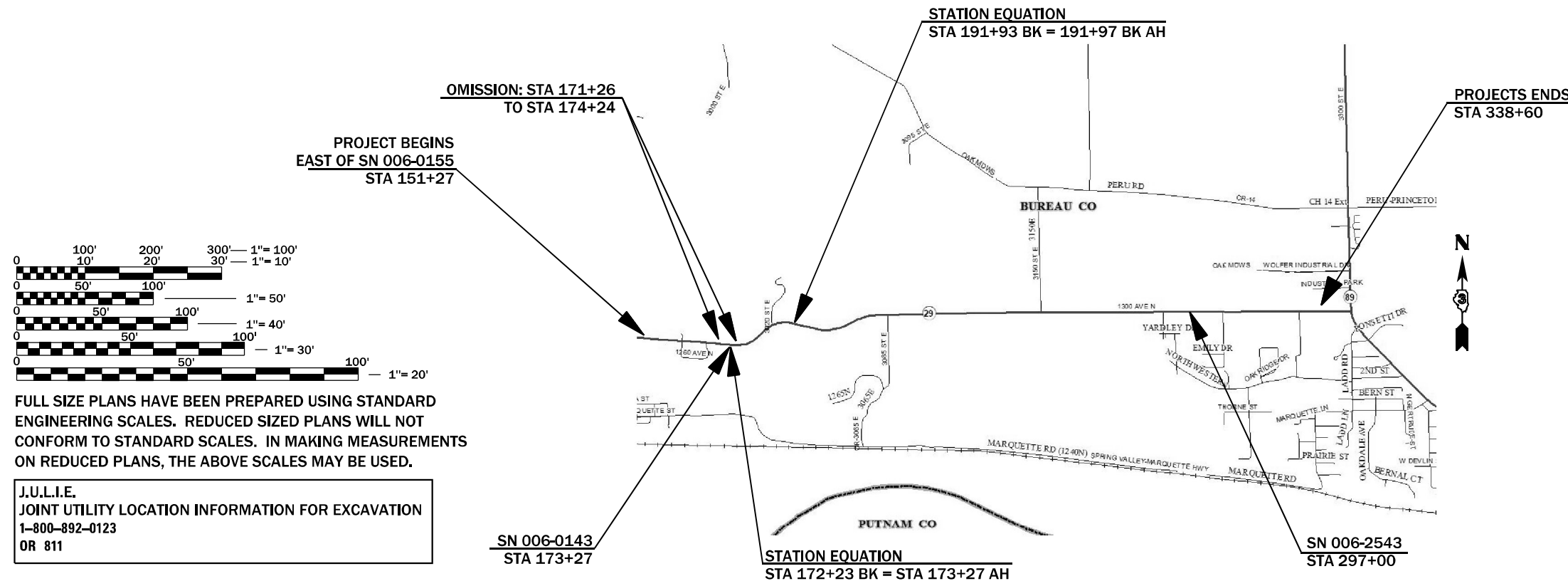
PROPOSED HIGHWAY PLANS

FAU ROUTE 5602 & FAS ROUTE 1252 (IL 29)
SECTION (R-4)SFY,RS-4
PROJECT HSIP-STP-NQF5(266)
SMART OVERLAY, SHOULDER WIDENING, & RUMBLE STRIPS
BUREAU COUNTY

C-93-068-21



FUNCTION CLASSIFICATION
RURAL MAJOR COLLECTOR
2019 ADT = 3400
P.V. = 95.6% S.U. = 2.6% M.U. = 1.8%



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

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

PROJECT ENGINEER: JACOB OYIER, P.E.
UNIT CHIEF: STEPHENIE CARMIN
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66L72

GROSS LENGTH = 18625 FT. = 3.53 MILE
NET LENGTH = 18431 FT. = 3.49 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 07, 20 22

David Alwood
REGIONAL ENGINEER

March 25, 20 22
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 2, 20 22
Stephen M. L...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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GENERAL NOTES

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

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	M TONS / SQ M

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

COMMITMENTS

HMA MIXTURE REQUIREMENT TABLE				
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	SHOULDER BOTTOM LIFT(S)	SHOULDER TOP LIFT (1.5")	HMA SURFACE	HMA INCIDENTAL
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5 FG	IL 9.5	IL 9.5
FRICITION AGGREGATE:			MIXTURE C	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QCP	QC/QA
SUBLOT SIZE:	N/A	N/A	1000 TONS	N/A
DENSITY TEST METHOD:	CORE/NUCLEAR	CORE/NUCLEAR	CORES	SATISFACTION OF THE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DATE: _____

START & END DATES
OF CONSTRUCTION:

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS:

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(R-4)RS-4	BUREAU	20	2
			CONTRACT NO. 66L72	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				STP 80% FED ROADWAY	STP 20% STATE ROADWAY	HSIP 90% FED SAFETY	HSIP 10% STATE SAFETY
				0005 RURAL	0005 URBAN	0021 RURAL	0021 URBAN
20200100	EARTH EXCAVATION	CU YD	45	20	25		
20400800	FURNISHED EXCAVATION	CU YD	35	20	15		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	3	2	1		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	41718	28544	13174		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	53076	37242	15834		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	13.4	9	4.4		
40600990	TEMPORARY RAMP	SQ YD	132	61	71		
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	3712	2501	1211		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	185	125	60		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	44207	29779	14428		
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	8	8			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	468	334	134		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	16108			11502	4606
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	425	250	175		

* = SPECIALTY ITEM

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	R-4(RS-4)	BUREAU	20	3
			CONTRACT NO. 66L72	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				STP 80% FED ROADWAY	STP 20% STATE ROADWAY	HSIP 90% FED SAFETY	HSIP 10% STATE SAFETY
				0005 RURAL	0005 URBAN	0021 RURAL	0021 URBAN
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	37.5	12.5	25		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	2	4		
63200310	GUARDRAIL REMOVAL	FOOT	462.5	262.5	200		
63500105	DELINEATORS	EACH	24	19	5		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	36722			26166	10556
* 66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	4	3	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	785			745	40
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	18	8.5	0.5	8.5	0.5
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.25	0.25	0.25	0.25
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.25	0.25	0.25	0.25
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	18	8.5	0.5	8.5	0.5
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	1	1	1	1
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.25	0.25	0.25	0.25

*= SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	R-4(RS-4)	BUREAU	20	4
			CONTRACT NO. 66L72	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				STP 80% FED ROADWAY	STP 20% STATE ROADWAY	HSIP 90% FED SAFETY	HSIP 10% STATE SAFETY
				0005	0005	0021	0021
				RURAL	URBAN	RURAL	URBAN
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.25	0.25	0.25	0.25
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1908	1347	561		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	627	440	187		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	2	4		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	18		18		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	590		590		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	146		146		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	32		32		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	105504	75148	30356		
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	5448	3432	2016		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	18		18		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	590		590		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	146		146		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	32		32		

*= SPECIALTY ITEM

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

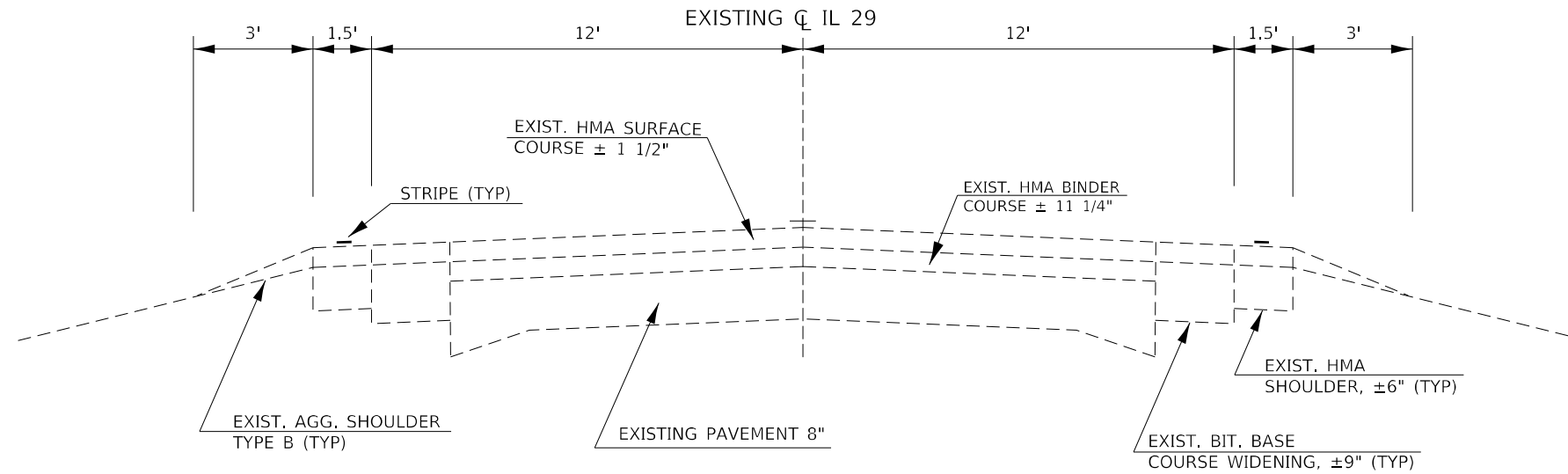
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VAR	R-4(RS-4)	BUREAU	20	5
			CONTRACT NO. 66L72	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				STP 80% FED ROADWAY	STP 20% STATE ROADWAY	HSIP 90% FED SAFETY	HSIP 10% STATE SAFETY
				0005 RURAL	0005 URBAN	0021 RURAL	0021 URBAN
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	291	222	69		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	4	4		
* 78200020	CURB REFLECTORS	EACH	20		20		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	291	222	69		
X0100025	FLOWABLE FILL	CU YD	1	1			
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	8	4	4		
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	6040			4311	1729
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2206	1489	717		
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	237	115	122		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	10.5	10.5	10.5	10.5
Z0034105	MATERIAL TRANSFER DEVICE	TON	3712	2501	1211		

*= SPECIALTY ITEM

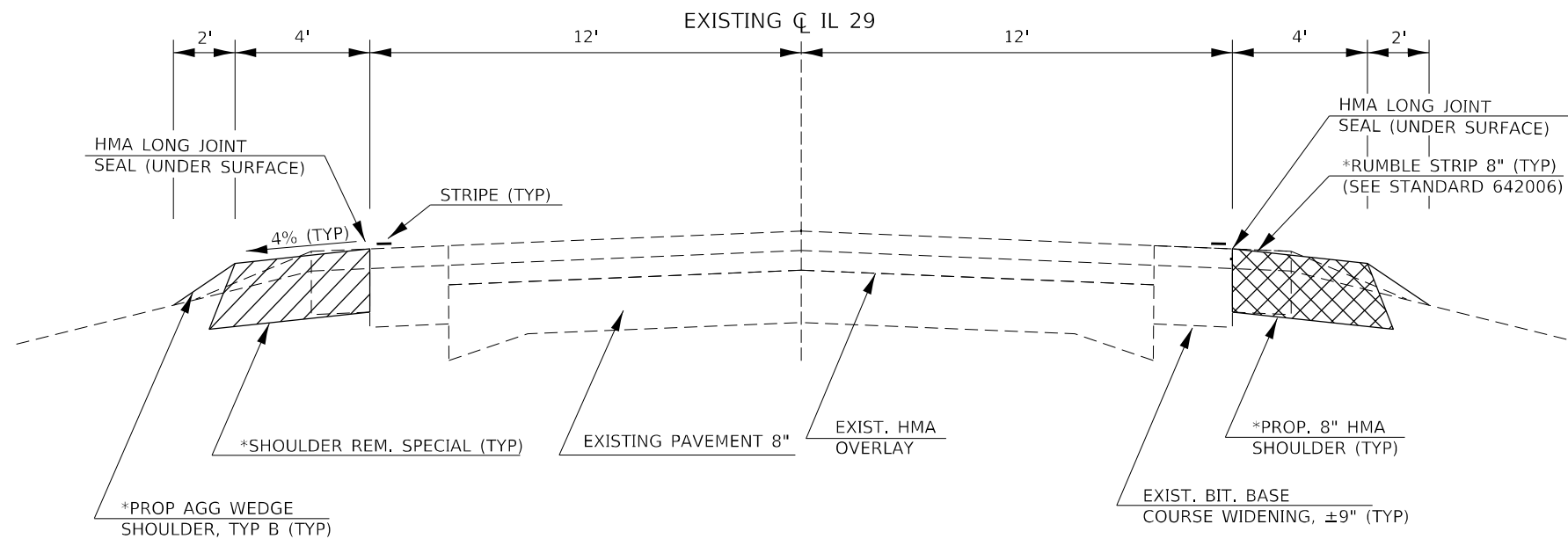
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -						VAR	R-4(RS-4)	BUREAU	20	6
PLOT DATE = 2/7/2022	CHECKED -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 66L72					
DATE -	REVISED -			ILLINOIS FED. AID PROJECT								



EXISTING TYPICAL SECTION 1

STA 151+27 TO STA 174+24
 STA 172+23 BK = STA 173+27 AH
 STRUCTURE OMISSION STA 171+26 TO STA 174+24



PROPOSED TYPICAL SECTION 1

STA 151+27 TO STA 174+24
 STA 172+23 BK = STA 173+27 AH
 STRUCTURE OMISSION STA 171+26 TO STA 174+24

* NOTE: SEE MAINLINE SCHEDULE(S)
 FOR SIDES OF SHOULDER IMPROVEMENT

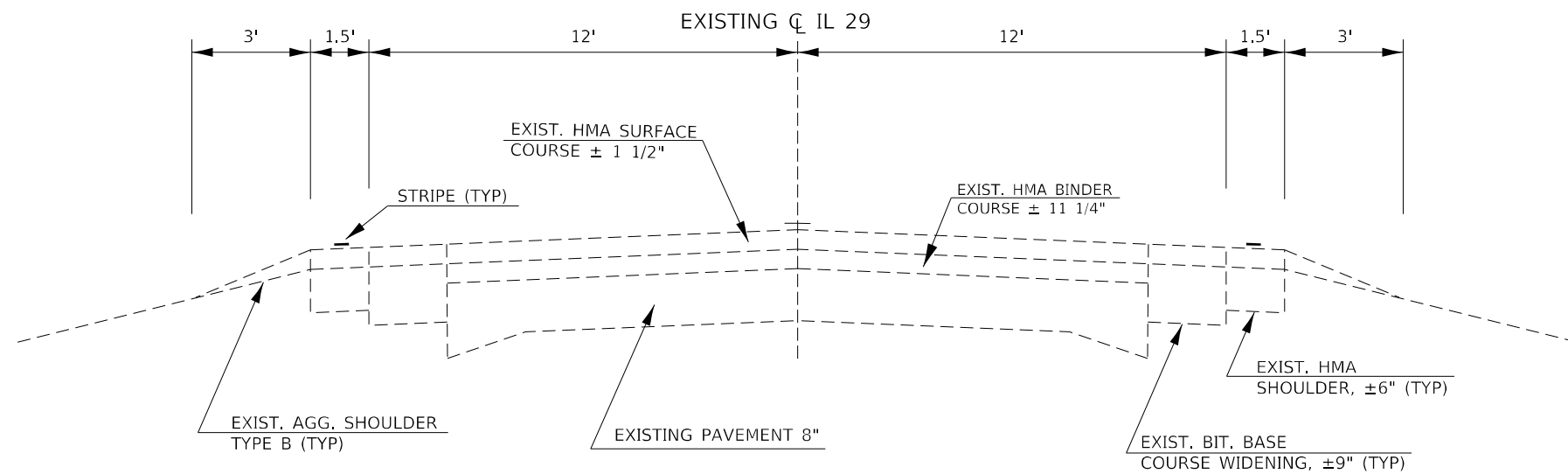
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Default	PLOT SCALE = 2.0250" / 1 in.	CHECKED -	REVISED -
	PLOT DATE = 2/7/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

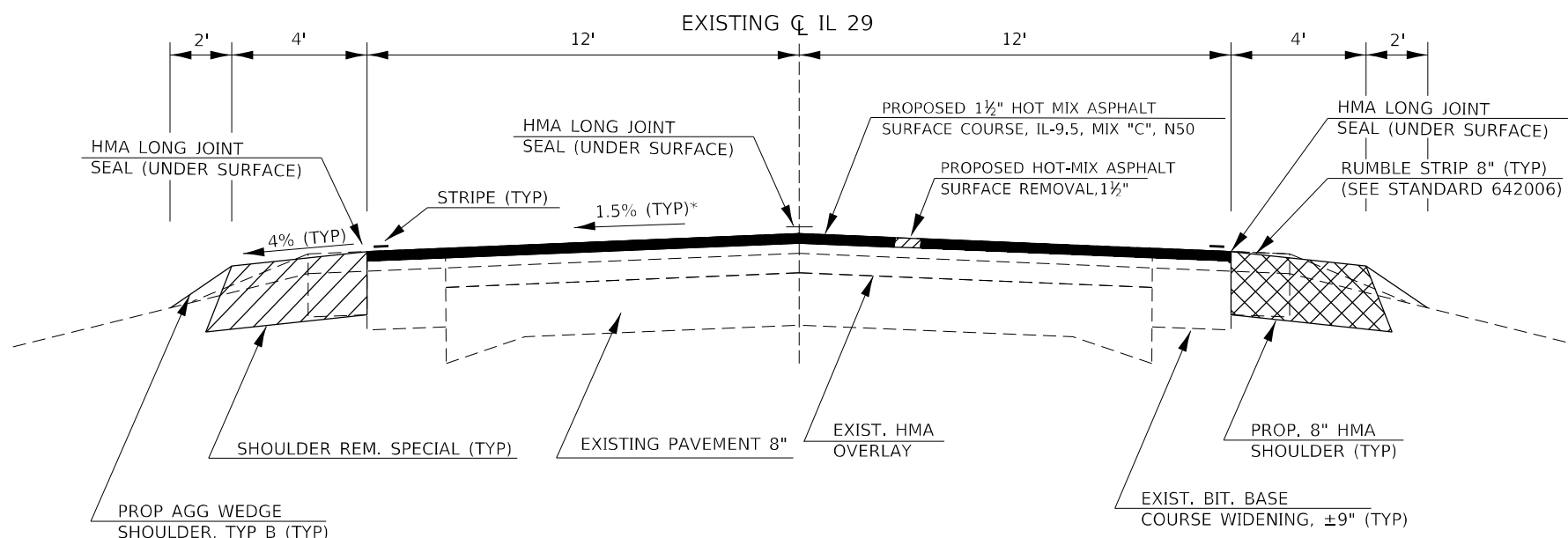
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	(R-4)RS-4	BUREAU	20	7
CONTRACT NO. 66L72				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION 2

STA 174+24 TO STA 191+93
 STA 191+93 BK = STA 191+97 AH
 STA 191+97 TO STA 333+00

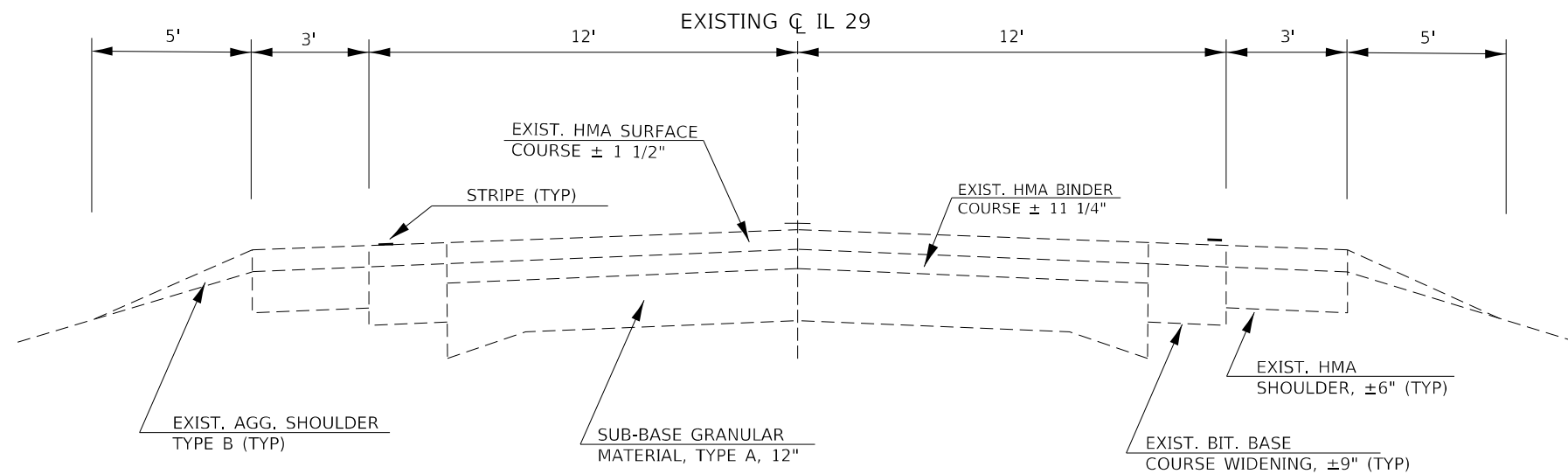


PROPOSED TYPICAL SECTION 2

STA 174+24 TO STA 191+93
 STA 191+93 BK = STA 191+97 AH
 STA 191+97 TO STA 333+00

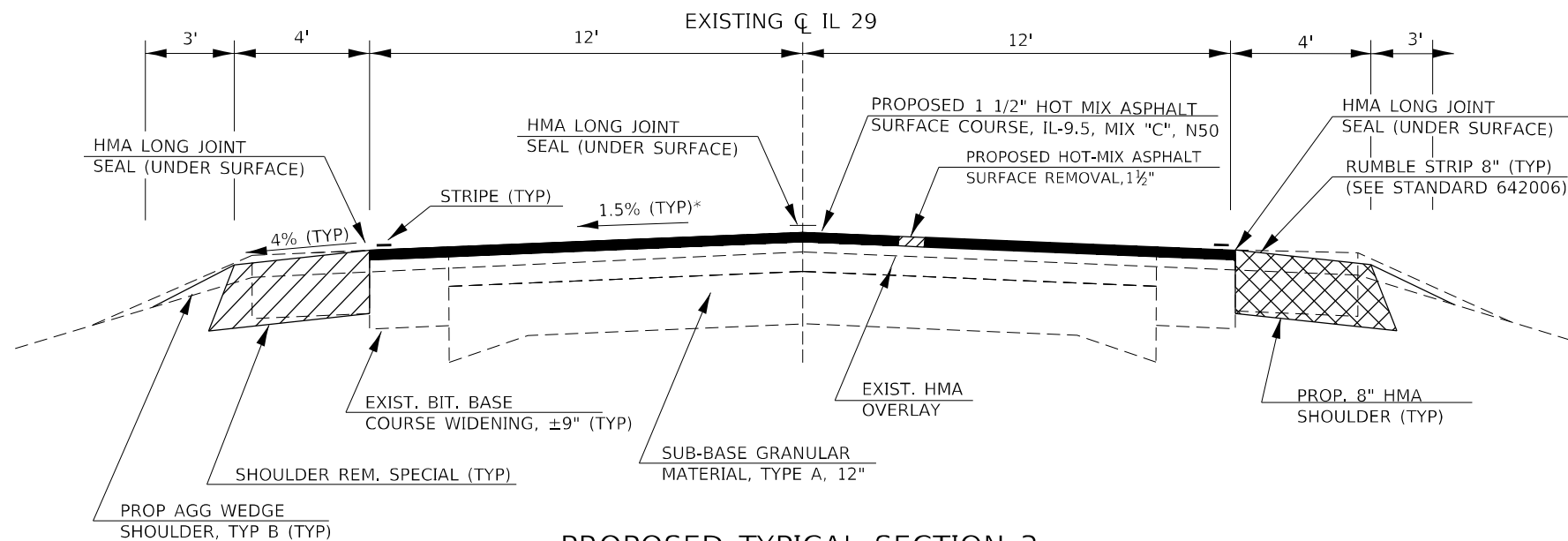
* NOTE: SEE MAINLINE SCHEDULE(S)
 FOR SIDES OF SHOULDER IMPROVEMENT

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	PLOT DATE = 2/7/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		



EXISTING TYPICAL SECTION 3

STA 333+00 TO STA 336+20



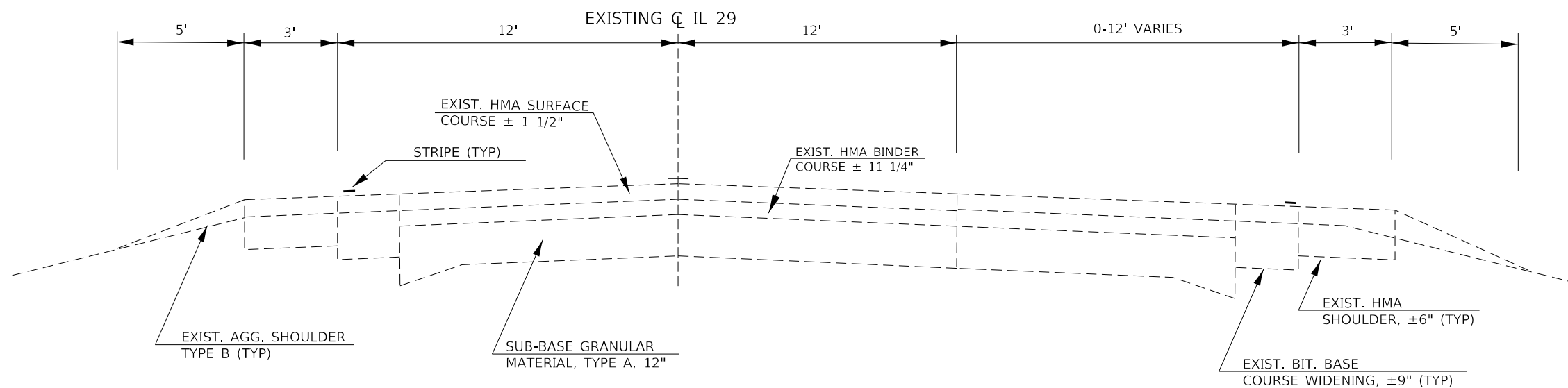
PROPOSED TYPICAL SECTION 3

STA 333+00 TO STA 336+20

* NOTE: SEE MAINLINE SCHEDULE(S)
FOR SIDES OF SHOULDER IMPROVEMENT

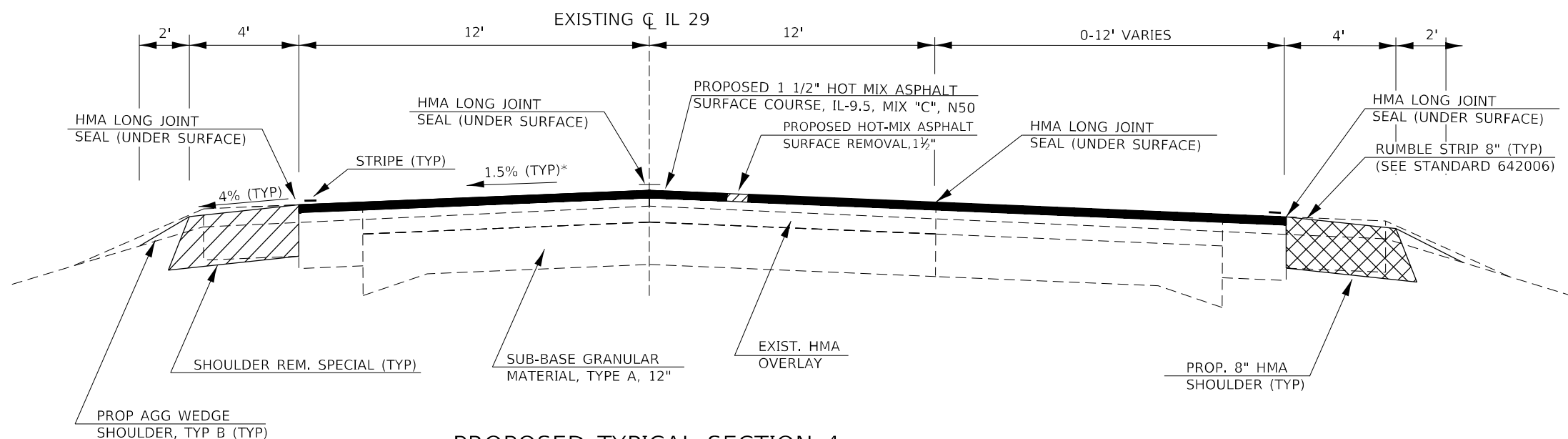
MATCH EXISTING GRADES FOR MAINLINE

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	DRAWN - G. BRABOY	CHECKED -	REVISED -					VAR	(R-4)RS-4	BUREAU	20	9
Default	PLOT SCALE = 2.0250" / 1"	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 66L72		
	PLOT DATE = 2/7/2022									ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION 4

STA 336+20 TO STA 338+60



PROPOSED TYPICAL SECTION 4

STA 336+20 TO STA 338+60

* NOTE: SEE MAINLINE SCHEDULE(S)
FOR SIDES OF SHOULDER IMPROVEMENT
MATCH EXISTING GRADES FOR MAINLINE

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 2.0250" / 1"	CHECKED -	REVISED -		CONTRACT NO. 66L72			ILLINOIS	FED. AID PROJECT			
	PLOT DATE = 2/7/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

PERMANENT SURVEY MARKERS

MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
29100	NW CORNER OF NE QUARTER OF NE QUARTER OF SECTION 31, T16N, R11E, 4TH PM	ECHO BLUFF ROAD INTERSECTION	SURVEY NAIL	TYPE 1	YES	1
029101	NW CORNER SECTION 32, T16N, R11E, 4TH PM	1/4 MI E OF ECHO BLUFF ROAD INT	SURVEY NAIL	TYPE 1	YES	1
029102	N QTR CORNER SECTION 32, T16N, R11E, 4TH PM	3150 E ROAD INTERSECTION	SURVEY NAIL	TYPE 1	YES	1
29103	NE CORNER SECTION 32, T16N, R11E, 4TH PM	1/2 MI E OF 3150 E ROAD INT	SURVEY NAIL	TYPE 1	YES	1

R.E. WILL DIRECT PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF AN ADDENDUM HAS BEEN ADDED TO THE ORIGINAL JOB LIMITS.
R.E. WILL INFORM PLATS AND PLANS WHEN SURFACE IS TO BE MILLED, FOR THE PURPOSE OF LOCATING THE OBLITERATED MONUMENTS.
 UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE THE LOCATION FOR TYPE 1 CORING, AND SET OTHER REQUIRED MONUMENTS.
 NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR SETTING THE LISTED PERMANENT SURVEY MARKER.
 PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORD.

RESPONSIBILITY:
 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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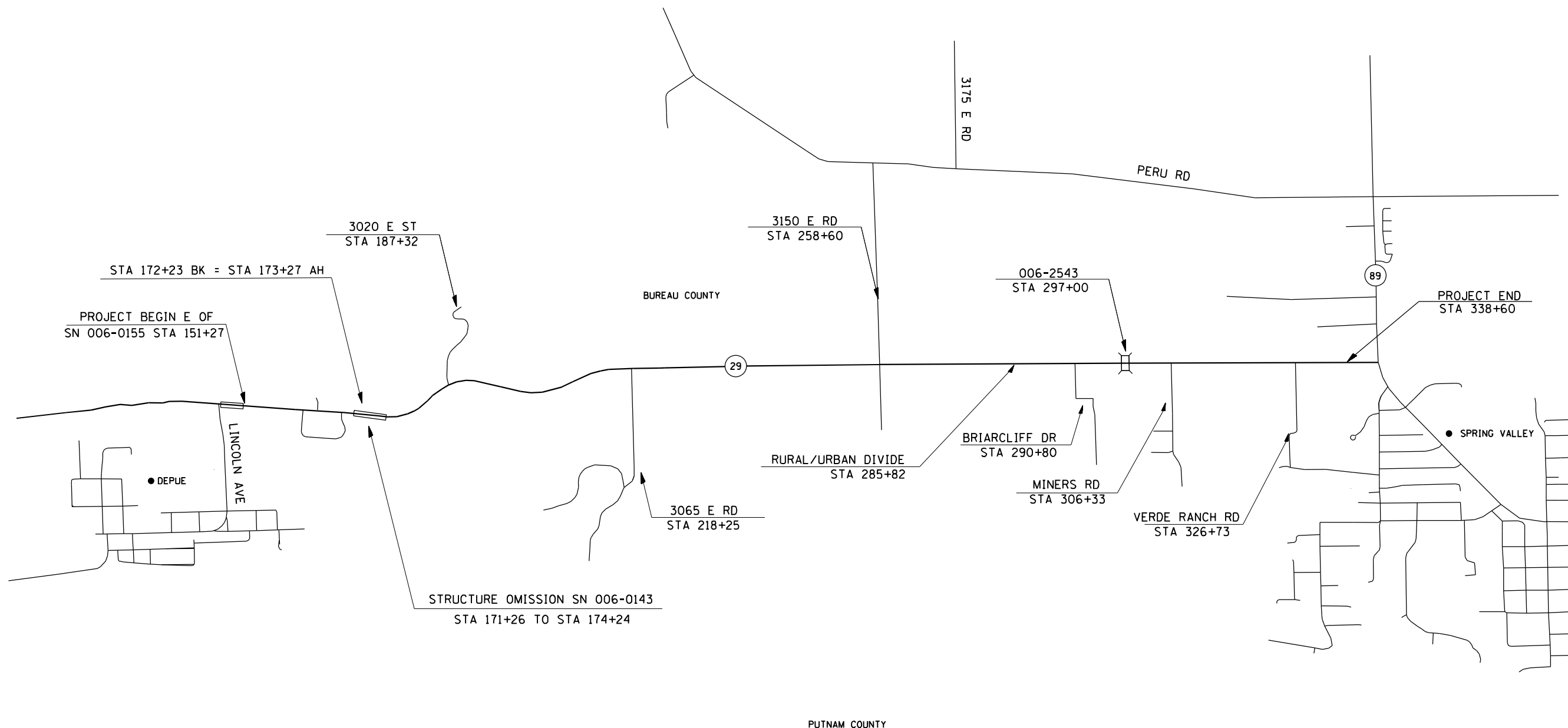
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERMANENT SURVEY MARKERS TABLE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	R-4(RS-4)	BUREAU	20	11
			CONTRACT NO. 66L72	
		ILLINOIS	FED. AID PROJECT	



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	R-4(RS-4)	BUREAU	20	12
CONTRACT NO. 66L72				
ILLINOIS FED. AID PROJECT				

ENTRANCES / SIDEROADS SCHEDULE												
STA	SIDE	TYPE	MATERIAL	WIDTH	LENGTH	AREA	HMA SURF REM VAR DEPTH	INCIDENTAL HMA SURF	BIT MATL TACK COAT	FURNISHED EXCAVATION	TEMP RAMP	AGG SURF CSE, TYPE B
				FOOT	FOOT	SQ FT	SQ YD	TONS	POUND	CU YD	SQ YD	TON
RURAL BUREAU COUNTY												
187+32	LT	3020 E ST	HMA	60	46	2760	307	26	138	3.2	13	
201+04	LT	FE	AGG	19	3	57						0.4
203+84	LT	PE	HMA	98	10	980	109	9	49			
204+32	RT	FE	HMA	33	10	330	37	3	17			
206+48	RT	PE	HMA	52	10	520	58	5	26			
208+33	LT	PE	HMA	58	10	580	64	5	29			
211+52	RT	FE	HMA	32	10	320	36	3	16			
217+35	RT	PE	HMA	32	10	320	36	3	16			
217+95	LT	PE	HMA	53	10	530	59	5	27			
210+25	RT	COUNTY RD 3065 E	HMA	43	30	1290	143	12	65	2.0	13	
219+53	LT	PE	HMA	39	10	390	43	4	20			
223+18	LT	PE	HMA	42	10	420	47	4	21			
224+84	LT	PE	HMA	45	10	450	50	4	23			
229+50	LT	PE	HMA	40	10	400	44	4	20			
231+48	LT	PE	HMA	40	10	400	44	4	20			
234+95	RT	PE	HMA	26	10	260	29	2	13			
235+41	LT	FE	AGG	13	3	39						0.2
240+18	RT	FE	AGG	18	3	54						0.3
245+22	LT	PE	HMA	33	10	330	37	3	17			
258+60	LT	3150 E ST	HMA	30	30	900	100	8	45	2.0	11	
258+60	RT	3150 E ST	HMA	43	30	1290	143	12	65	2.0	11	
275+88	RT	FE	AGG	30	3	90						0.6
281+07	RT	FE	HMA	30	10	300	33	3	15			
285+75	RT	FE	AGG	21	3	63						0.4
RURAL BUREAU COUNTY SUBTOTAL						13,073	1,419	119	642	10	48	2
URBAN BUREAU COUNTY												
290+80	RT	BRIARCLIFF DR	HMA	44	30	1,320	147	12	66	2.0	17	
294+78	LT	FE	AGG	13	3	39						0.2
294+88	RT	PE	HMA	18	10	180	20	2	9			
302+85	RT	PE	HMA	51	10	510	57	5	26			
306+33	RT	3240E-MINERS RD	HMA	69	30	2,070	230	19	104	2.0	21	
310+54	RT	PE	HMA	25	10	250	28	2	13			
312+83	RT	PE	HMA	41	10	410	46	4	21			
317+00	RT	FE	AGG	23	3	69						0.4
320+70	RT	PE	HMA	41	10	410	46	4	21			
326+73	RT	3275E	HMA	37	30	1,110	123	10	56	2.0	13	
326+73	LT	FE	AGG	32	3	96						0.6
URBAN BUREAU COUNTY SUBTOTAL						6,464	697	58	316	10	51	1
TOTAL						19,537	2,116	177	958	20	99	3

GUARDRAIL SCHEDULE													
LOCATION	SIDE	LENGTH OF NEED	GUARDRAIL REM	LONG-SPAN GUARDRAIL OVER CULVERT, 12.5 FT SPAN	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FT POSTS	TBT TYPE 1 (SPL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	HMA STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL	TERMINAL MARKER DIRECT APPLIED	LINEAR DELINEATOR PANELS 4 INCH	DELINEATORS	FURNISHED EXCAVATION	EARTH EX*
		FOOT	FOOT	FOOT	FOOT	EACH	EACH	SQ YD	EACH	EACH	EACH	CU YD	CU YD
RURAL BUREAU COUNTY													
STA 263+18.8 TO STA 265+81.3	RT	212.50	262.5	12.5	250.0	2.0	4.0	115.0	2.0	4.0	1.0	6.5	19.2
RURAL BUREAU COUNTY SUBTOTAL			262.5	12.5	250.0	2.0	4.0	115.0	2.0	4.0	1.0	10.0	20
URBAN BUREAU COUNTY													
STA 318+50.0 TO STA 319+50.0	RT	50.00	100.0	12.5	87.5	2.0	2.0	61.0	2.0	2.0	1.0	2.5	10.2
STA 318+50.0 TO STA 319+50.0	LT	50.00	100.0	12.5	87.5	2.0	2.0	61.0	2.0	2.0	1.0	2.5	10.2
URBAN BUREAU COUNTY SUBTOTAL			200.0	25.0	175.0	4.0	4.0	122.0	4.0	4.0	2.0	5.0	25
TOTAL			463	37.5	425.0	6.0	8.0	237.0	6.0	8.0	3.0	15.0	45

*EARTH EX FROM GUARDRAIL SHOULDER STABILIZATION TO BE USED AS FURNISHED EX AROUND GUARDRAIL STABILIZATION.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	(R-4)RS-4	BUREAU	20	14
CONTRACT NO. 66L72				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS

LOCATION STATION	COMMENT	LENGTH FOOT	PAINT PM (2 APPLICATIONS)			THERMOPLASTIC PM				GROOVING FOR RECESSED PM				CURB REF EACH	RAISED REF PM EACH	RAISED REF PM EACH
			LINE 4"		LINE 6"	LINE 8"	LINE 12"	LTR & SYM	STD 24" LINE	9"	13"	25"	LTR & SYM			
			WHITE	YELLOW	YELLOW	WHITE	WHITE	SQ FT	WHITE	FOOT	FOOT	FOOT	SQ FT			
RURAL BUREAU COUNTY																
STA 151+27 TO STA 176+65	NO EB PASS	2538	10152	482	120										32	32
STA 176+65 TO STA 219+59	NO PASS	4295	17180	17180											107	107
STA 219+59 TO STA 228+28	NO WB PASS	869	3476	1738	434										11	11
STA 228+28 TO STA 276+20	PASS	4792	19168		2396										60	60
STA 276+20 TO STA 284+26	NO EB PASS	806	3224	1612	404										10	10
STA 284+26 TO STA 285+82	NO WB PASS	156	624	312	78										2	2
RURAL BUREAU COUNTY TOTAL		13456	75148		3432										222	222
URBAN BUREAU COUNTY																
STA 285+82 TO STA 292+90	NO WB PASS	708	2832	1416	354										9	9
STA 292+90 TO STA 318+51	PASS	2561	10244		1280										32	32
STA 318+51 TO STA 326+15	NO EB PASS	764	3056	1528	382										10	10
STA 326+15 TO STA 336+20	NO PASS	1005	4020	4020											13	13
STA 336+20 TO STA 340+25	NO PASS	405	1620	1620		590	146	18	32	590	146	32	18	20	5	5
URBAN BUREAU COUNTY TOTAL		5443	30356		2016	590	146	18	32	590	146	32	18	20	69	69
TOTAL		18899	105504		5448	590	146	18	32	590	146	32	18	20	291	291

SHORT TERM PAVEMENT MARKINGS				
LOCATION	LENGTH	SHORT TERM PM	SHORT TERM PM REM	
STATION	FOOT	FOOT	SQ FT	
RURAL BUREAU COUNTY				
STA 151+27 TO STA 176+65	2538	254	85	
STA 176+65 TO STA 219+59	4295	430	143	
STA 219+59 TO STA 228+28	869	87	29	
STA 228+28 TO STA 276+20	4792	479	160	
STA 276+20 TO STA 284+26	806	81	27	
STA 284+26 TO STA 285+82	156	16	5	
RURAL BUREAU COUNTY TOTAL		13300	1347	449
URBAN BUREAU COUNTY				
STA 285+82 TO STA 292+90	708	71	24	
STA 292+90 TO STA 318+51	2561	256	85	
STA 318+51 TO STA 326+15	764	76	25	
STA 326+15 TO STA 336+20	1005	101	34	
STA 336+20 TO STA 340+25	405	57	19	
URBAN BUREAU COUNTY TOTAL		5443	561	187
TOTALS		18743	1908	636

PATCHING & FILLING SCHEDULE						
LOCATION			PATCH LENGTH	PATCH WIDTH	CLASS D PATCH TYPE II 13 INCH	FLOWABLE FILL
STATION	QUADRANT	SN	FOOT	FOOT	SQ YD	CU YD
172+33	TRANSVERSE PATCH ALONG WEST APPROACH SLAB	006-0143	3	24	8	
174+28	NE APPROACH SLAB LONGITUDINAL CRACK	006-0143				1
TOTAL					8	1

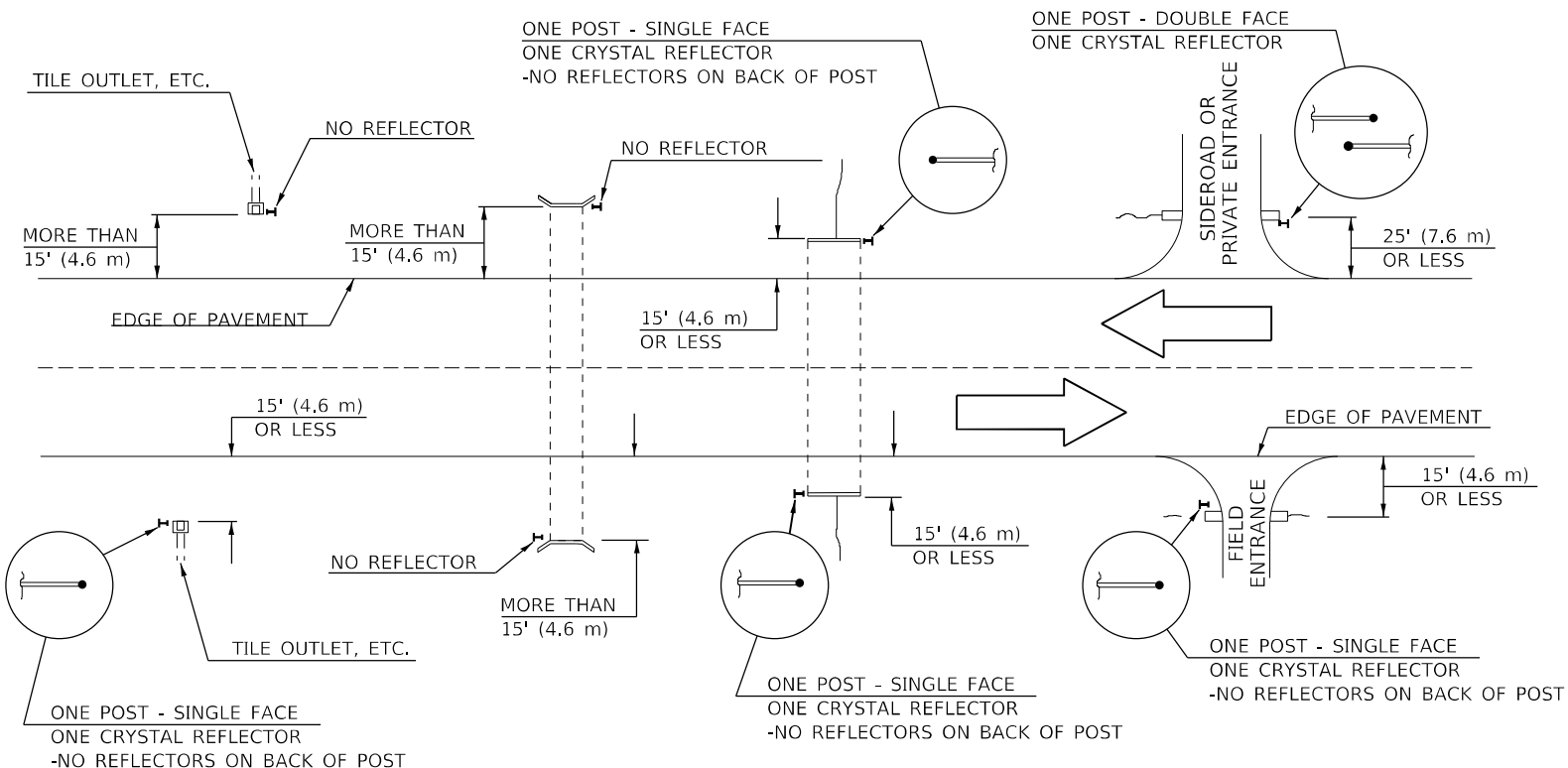
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(R-4)RS-4	BUREAU	20	15
CONTRACT NO. 66L72				
ILLINOIS FED. AID PROJECT				



IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS

BILL OF MATERIALS

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	24		N/A	24
SINGLE CRYSTAL			TOTAL	24

NOTES

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS. CRYSTAL ON RIGHT SIDE, AMBER ON LEFT.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

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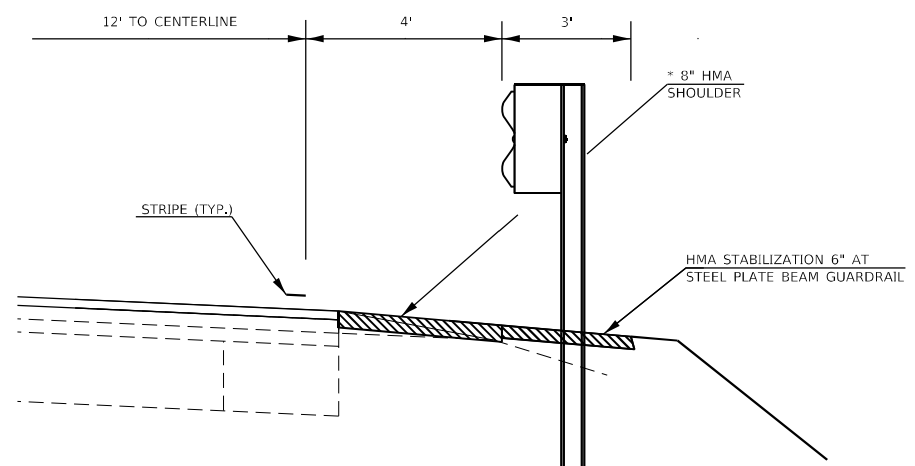
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

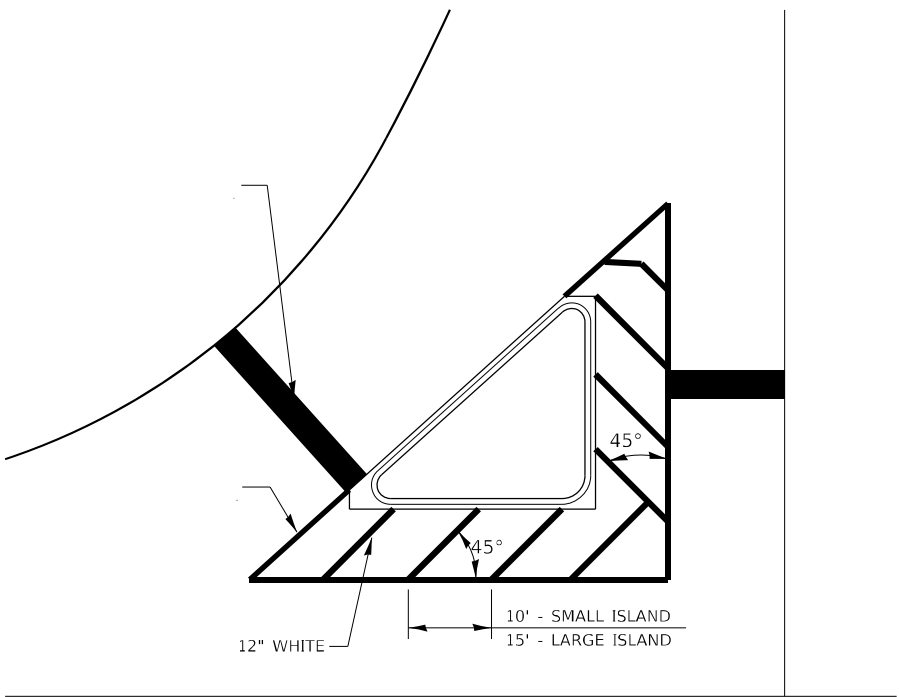
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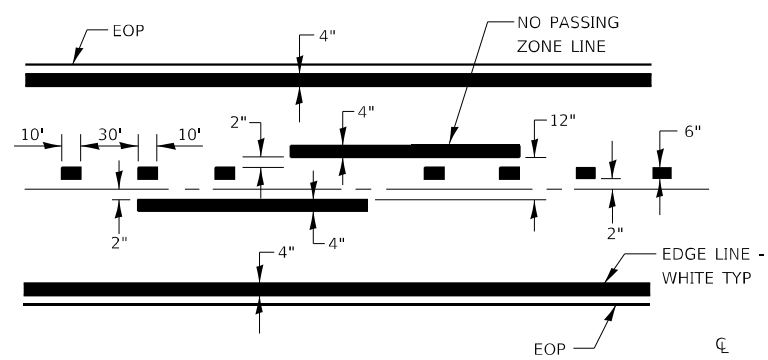
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VAR	(R-4)RS-4	BUREAU	20	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L72	



SHOULDER DETAIL AT GUARDRAILS

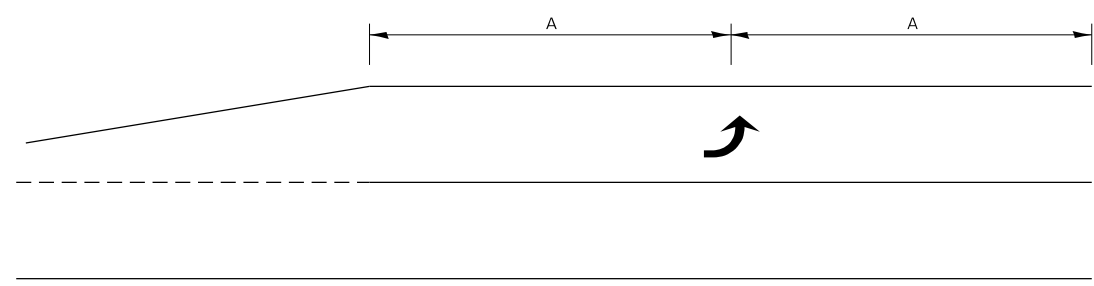


TYPICAL ISLAND

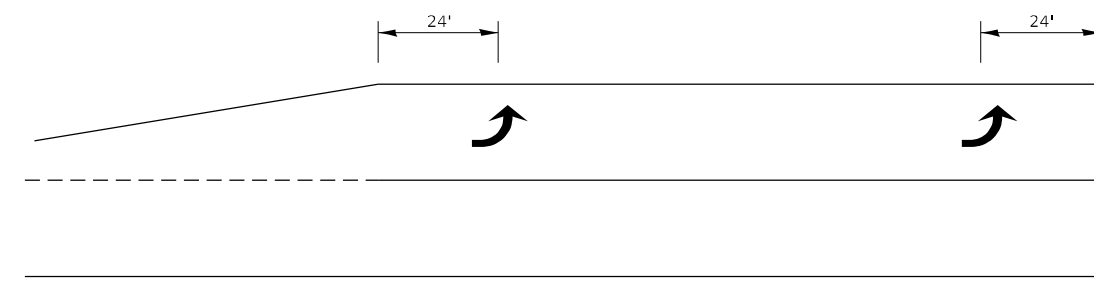


CENTERLINE & NO PASSING ZONE LINES - YELLOW

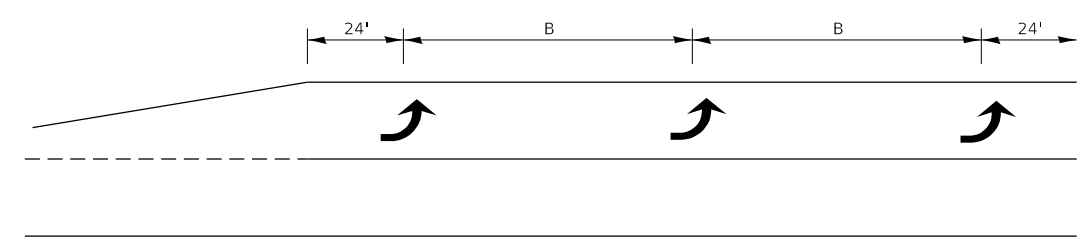
PAVEMENT MARKING



99' AND UNDER



100' TO 149'



150' AND LONGER

TYPICAL PLACEMENT OF ARROWS IN TURN LANES

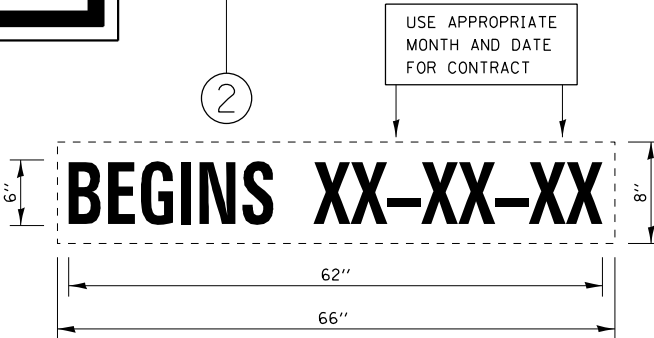
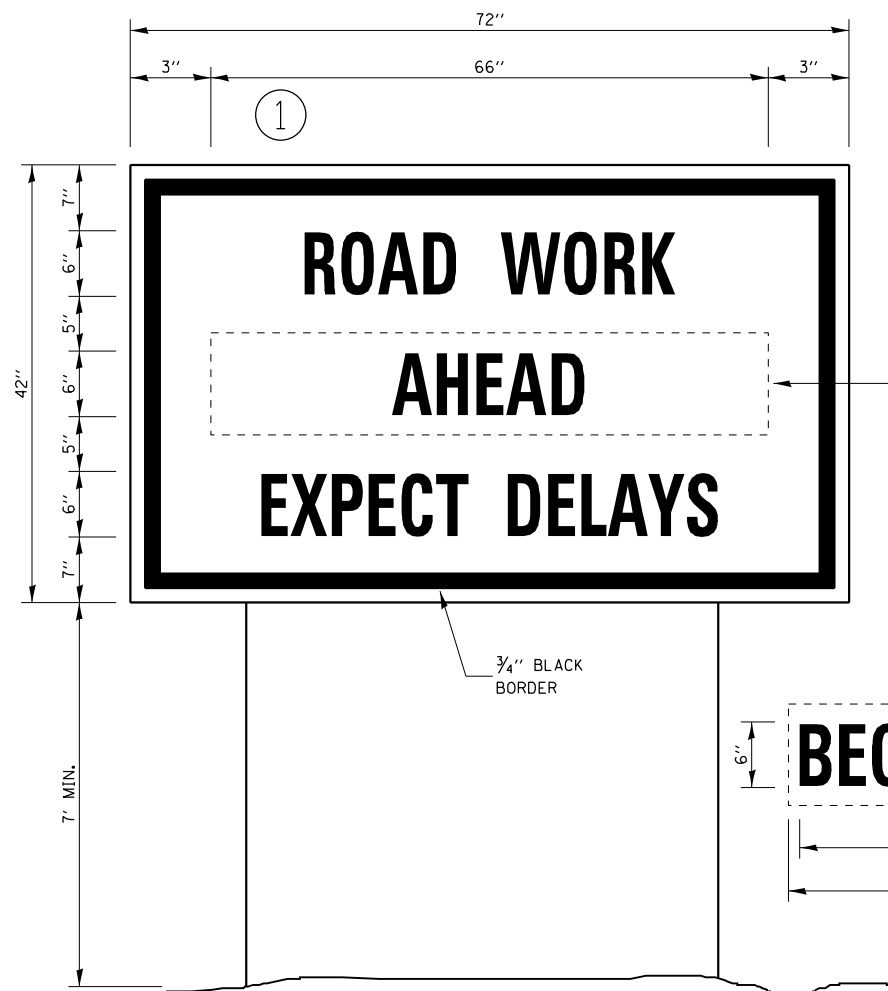
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	DATE -	REVISED -

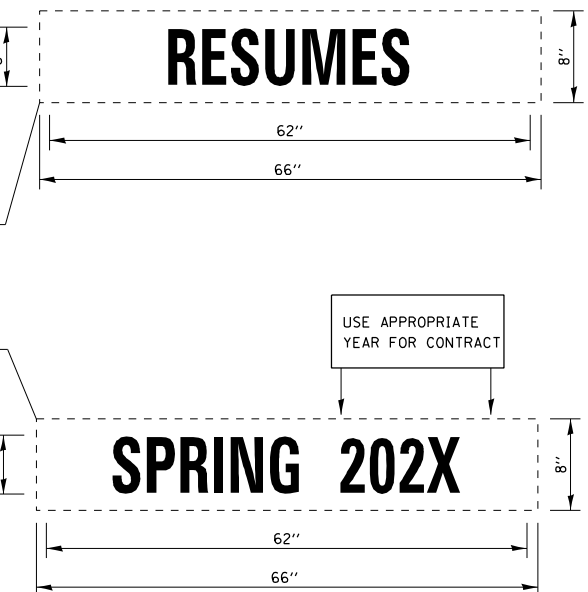
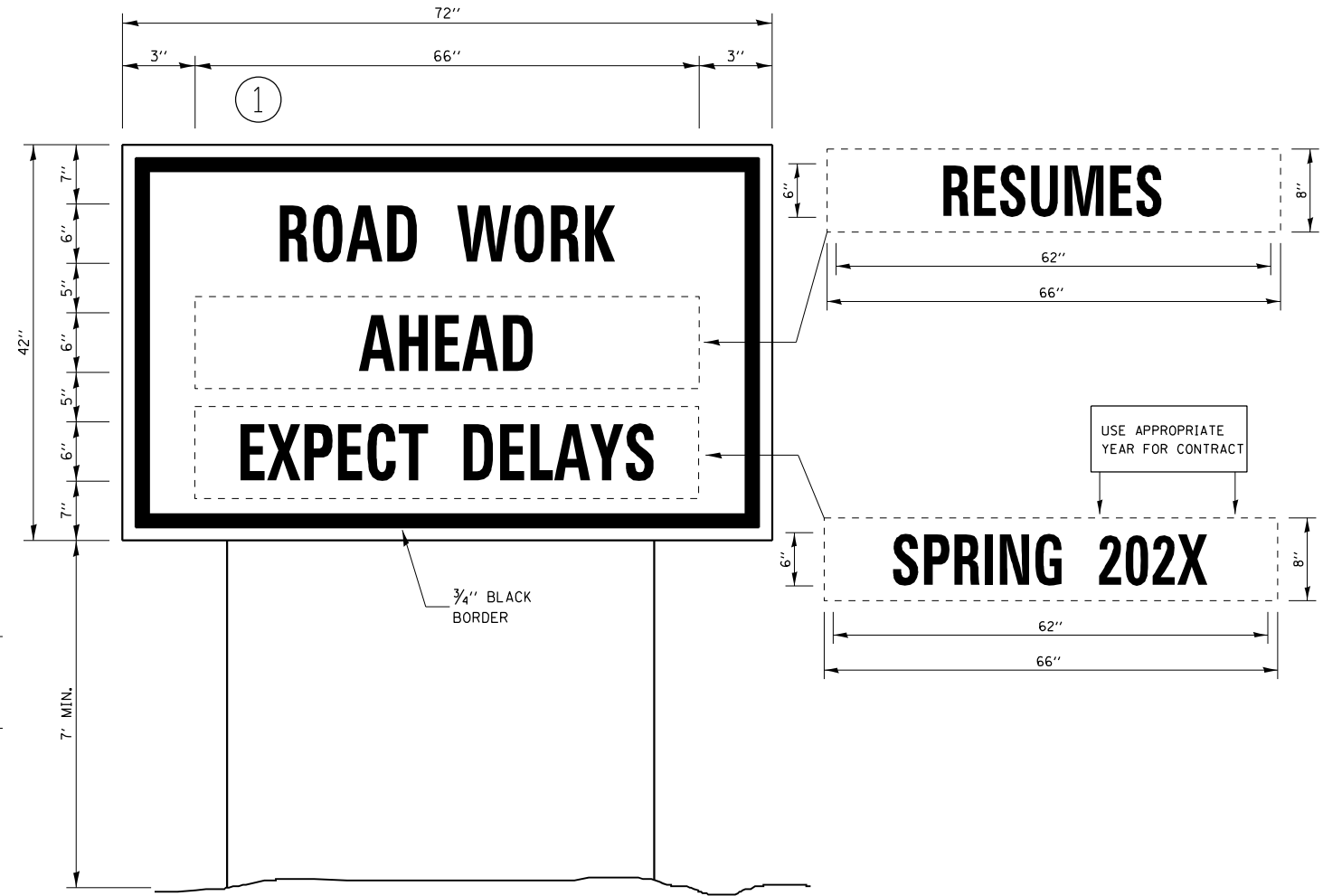
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	(R-4)RS-4	BUREAU	20	19
CONTRACT NO. 66L72				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING



WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	(R-4)RS-4	BUREAU	20	20
			CONTRACT NO. 66L72	
ILLINOIS FED. AID PROJECT				