

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	1
ILLINOIS CONTRACT NO. 66K80				

## INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6-9 SCHEDULES
- 10 TYPICAL SECTIONS
- 11 LOCATION MAP
- 12-13 PAVEMENT MARKING DETAILS
- 14-15 DETAILS

## LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
406201-01	MAILBOX TURNOUT
642001-02	SHOULDER RUMBLE STRIPS, 16 INCH
642006	SHOULDER RUMBLE STRIPS, 8 INCH
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 M.P.H.
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
761001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

# PROPOSED HIGHWAY PLANS

FAP ROUTE 326 (IL 47)  
SECTION (120,121,122)RS-4  
PROJECT NHPP-F4WR(928)  
SMART RESURFACING  
LIVINGSTON COUNTY

C-93-048-20

R7E

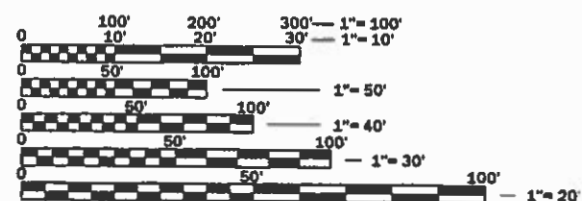
URBAN/RURAL SPLIT  
STA 71+17

BEGIN PROJECT  
STA 62+49

STRUCTURE OMISSION (SN 053-0047)  
STA 739+81 TO 741+69

STA EQUATION  
690+43(BK) = 690+74(AH)

END PROJECT  
STA 756+25



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: BRAD DUNCAN, P.E.  
UNIT CHIEF: ALEX NUGENT  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66K80

GROSS LENGTH = 69,345 FT. = 13.13 MILE  
NET LENGTH = 69,157 FT. = 13.10 MILE

D-93-019-20



FUNCTIONAL CLASS = OTHER ARTERIAL  
ADT = 2450 (2017)  
PV = 61.94%  
SU = 6.94%  
MU = 31.12%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 12, 2019

James A. Hurd  
REGIONAL ENGINEER

Jan 31, 2020  
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31, 2020  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

GENERAL NOTES

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

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF GRADING AND SHAPING DITCHES, SPECIAL.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

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

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY:   
DISTRICT STUDIES & PLANS ENGINEER

DATE: 12-13-19

EXAMINED BY:   
DISTRICT CONSTRUCTION ENGINEER

  
DISTRICT MATERIALS ENGINEER

  
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = nugenstj	DESIGNED -	REVISED -
pwt\planroom\dot\illinois.gov\PWIDOT\Documents\DOT	Offices\District 3\Projects\0366K80\CADD\0366K80-shi-cover	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 12/3/2019	DATE -	REVISED -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(123.121.122)RS-4	LIVINGSTON	15	2
CONTRACT NO. 66K80				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005	0005
				URBAN	RURAL
25000210	SEEDING, CLASS 2A	ACRE	0.5		0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	47		47
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	47		47
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	47		47
25100630	EROSION CONTROL BLANKET	SQ YD	2518		2518
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	53		53
28000305	TEMPORARY DITCH CHECKS	FOOT	150		150
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	3		3
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	106455	1302	105153
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	71	1	70
40600990	TEMPORARY RAMP	SQ YD	1157	104	1053
40604052	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N70	TON	25626	324	25302
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	236557	2893	233664
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1921	24	1897

	USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					326	(120,121,122)RS-4	LIVINGSTON	16	3
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 66K80				
	PLOT DATE = 12/17/2019	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005	0005
				URBAN	RURAL
48203100	HOT-MIX ASPHALT SHOULDERS	TON	871		871
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	128340	1736	126604
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	9974		9974
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	27		27
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	1	3
67100100	MOBILIZATION	L SUM	1	0.25	0.75
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.25	0.75
70300100	SHORT TERM PAVEMENT MARKING	FOOT	20803	260	20543
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6935	87	6848
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31		31
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3254		3254
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	595		595
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	736		736
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	25		25

\*= SPECIALTY ITEM

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		DRAWN -	REVISED -					326	(120,121,122)RS-4	LIVINGSTON	16	4
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 66K80				
	PLOT DATE = 12/3/2019	DATE -	REVISED -		SCALE:	SHEET 2	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY
				0005	0005
				URBAN	RURAL
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	299604	3472	296132
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	33523	434	33089
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	938	11	927
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	938	11	927
X0325893	CLEAN EXISTING END SECTION	EACH	4		4
X2140100	GRADING AND SHAPING DITCHES, SPECIAL	FOOT	1500		1500
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	226		226
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	25		25
Z0005305	BOX CULVERTS TO BE CLEANED	FOOT	489		489
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	84	21	63
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	69157	868	68289
Ø Z0076600	TRAINEES	HOURL	2000	2000	
Z0034105	MATERIAL TRANSFER DEVICE	TON	25626	324	25302
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURL	2000	2000	
Z0055300	RUMBLE STRIP	EACH	3		3

\*= SPECIALTY ITEM

Ø 0042

	USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					326	(120,121,122)RS-4	LIVINGSTON	16	5
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 66K80				
	PLOT DATE = 12/3/2019	DATE -	REVISED -		SCALE:	SHEET 3	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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MAINLINE SCHEDULE																	
LOCATION			LENGTH	MAIN LINE WIDTH	HMA SHLD WIDTH LT	HMA SHLD WIDTH RT	HMA SURF REM 2"	HMA SURF CSE MIX "C" N70	MATERIAL TRANSFER DEVICE	HMA SHLD	MIX CR, JT, & FLGWY	BIT MAT TACK COAT	LONG JOINT SEAL	RUMBLE STRIP	SHLDR RUMBLE STRIPS 8 INCH	SHLDR RUMBLE STRIPS 16 INCH	AGG WEDGE SHLD TY B
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	SQ YD	TON	TON	TON	TON	POUND	FOOT	EACH	FOOT	FOOT	TON
URBAN																	
62+49	TO	69+67	718	24	3	3	2393	268	268		0.72	1077	718		1436		20
69+67	TO	71+17	150	24	3	3	500	56	56		0.15	225	150		300		4
URBAN SUBTOTAL							2893	324	324	0	1	1302	868	0	1736	0	24
RURAL																	
71+17	TO	122+77	5160	24	3	3	17200	1926	1926		5.16	7740	5160		10320		147
122+77	TO	175+86	5309	24	3	3	17697	1982	1982		5.31	7964	5309		10618		151
175+86	TO	228+89	5303	24	3	3	17677	1980	1980		5.30	7955	5303		10606		151
228+89	TO	282+14	5325	24	3	3	17750	1988	1988		5.33	7988	5325		10650		152
282+14	TO	334+08	5194	24	3	3	17313	1939	1939		5.19	7791	5194		10388		148
334+08	TO	387+04	5296	24	3	3	17653	1977	1977		5.30	7944	5296		10592		151
387+04	TO	439+95	5291	24	3	3	17637	1975	1975		5.29	7937	5291		10582		151
439+95	TO	492+95	5300	24	3	3	17667	1979	1979		5.30	7950	5300		10600		151
492+95	TO	545+92	5297	24	3	3	17657	1978	1978		5.30	7946	5297		10594		151
545+92	TO	598+75	5283	24	3	3	17610	1972	1972		5.28	7925	5283		10566		150
598+75	TO	651+08	5233	24	3	3	17443	1954	1954		5.23	7850	5233		10466		149
651+08	TO	677+63	2655	24	3	3	8850	991	991		2.66	3983	2655		5310		76
677+63	TO	690+43	1280	24	3	3	4267	478	478		1.28	1920	1280		2560		36
STA EQ: 690+43(BK) = 690+74(AH)																	
690+74	TO	704+50	1376	24	3	3	4587	514	514		1.38	2064	1376		2752		39
704+50	TO	739+81	3531	24	7	7	14909	1055	1055	616	4.47	6709	3531			7062	67
739+81	TO	741+69	188	BRIDGE OMISSION													
741+69	TO	743+00	131	24	7	7	553	39	39	23	0.17	249	131			262	2
743+00	TO	750+50	750	34	7	7	4000	317	317	131	1.20	1800	750			1500	14
750+50	TO	756+25	575	36	7	7	3194	258	258	101	0.96	1438	575	3		1150	11
RURAL SUBTOTAL							233664	25302	25302	871	70	105153	68289	3	126604	9974	1897
PROJECT TOTAL							236557	25626	25626	871	71	106455	69157	3	128340	9974	1921

TEMP RAMP SCHEDULE					
LOCATION		DESCRIPTION	LENGTH (ALONG MAINLINE)	WIDTH (ALONG MAINLINE)	TEMP RAMP
STA	SIDE		FOOT	FOOT	SQ YD
62+49		BEGINNING OF PROJECT	6.67	30	22
69+67	RT	E 3100 N RD	140	3	47
69+67	LT	E 3100 N RD	106	3	35
122+77	RT	E 3000 N RD	91	3	30
122+77	LT	E 3000 N RD	146	3	49
175+86	RT	E 2900 N RD	112	3	37
175+86	LT	E 2900 N RD	94	3	31
228+77	RT	E 2800 N RD	112	3	37
228+77	LT	E 2800 N RD	107	3	36
282+14	RT	E 2700 N RD	94	3	31
282+14	LT	E 2700 N RD	100	3	33
334+09	RT	E 2600 N RD	99	3	33
334+09	LT	E 2600 N RD	101	3	34
387+05	RT	E 2500 N RD	97	3	32
387+05	LT	E 2500 N RD	100	3	33
439+96	RT	E 2400 N RD	103	3	34
439+69	LT	E 2400 N RD	255	3	85
492+95	RT	E 2300 N RD	71	3	24
492+95	LT	E 2300 N RD	119	3	40
545+93	RT	E 2200 N RD	102	3	34
545+93	LT	E 2200 N RD	91	3	30
598+75	RT	E 2100 N RD	117	3	39
598+75	LT	E 2100 N RD	127	3	42
651+08	RT	E 2000 N RD	122	3	41
651+08	LT	E 2000 N RD	115	3	38
677+28	LT	E 1950 N RD	90	3	30
704+50	RT	E 1900 N RD	57	8	51
704+50	LT	E 1900 N RD	65	8	58
739+81		SN 053-0047	6.67	32	24
741+69		SN 053-0047	6.67	32	24
756+25		END OF PROJECT	6.67	58	43
TOTALS					1157

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		DRAWN -	REVISED -					326	(120,121,122)RS-4	LIVINGSTON	15	6
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 66K80				
	PLOT DATE = 12/3/2019	DATE -	REVISED -		SCALE:	SHEET 1	OF 4 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

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PAVEMENT MARKING SCHEDULE																		
LOCATION			LENGTH	PAINT PAVT MARKING			THERMOPLASTIC PAVT MARKING								GROOVING FOR RECESSED PMK		RAISED REFLECTIVE PVMT MARKERS	
				(2 APPLICATIONS)			( 1 APPLICATION )											
				4"		6"	4"		8"		12"		24" WHITE STOPBAR	LETTERS & SYMBOLS				
				WHITE EOP	YELLOW NP ZONE	YELLOW SKIPS	WHITE EOP	YELLOW DOUBLE	WHITE DOTTED	WHITE	WHITE	YELLOW						
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	EACH	EACH
62+49	TO	71+17	868	3,472		434											11	11
URBAN TOTAL			868	3,472		434											11	11
71+17	TO	238+25	16,708	66,832		8,354											209	209
238+25	TO	245+50	725	2,900	1,450	363											9	9
245+50	TO	248+03	253	1,012		127											3	3
248+03	TO	255+96	793	3,172	1,586	397											10	10
255+96	TO	361+75	10,579	42,316		5,290											132	132
361+75	TO	369+30	755	3,020	1,510	378											9	9
369+30	TO	371+75	245	980		123											3	3
371+75	TO	379+76	801	3,204	1,602	401											10	10
379+76	TO	404+27	2,451	9,804		1,226											31	31
404+27	TO	411+73	746	2,984	1,492	373											9	9
411+73	TO	413+25	152	608		76											2	2
413+25	TO	421+26	801	3,204	1,602	401											10	10
421+26	TO	427+69	643	2,572		322											8	8
427+69	TO	435+20	751	3,004	1,502	376											9	9
435+20	TO	438+46	326	1,304		163											4	4
438+46	TO	445+01	655	2,620	1,310	328											8	8
445+01	TO	453+26	825	3,300		413											10	10
453+26	TO	459+80	654	2,616	1,308	327											8	8
459+80	TO	460+96	116	464		58											1	1
460+96	TO	469+54	858	3,432	1,716	429											11	11
469+54	TO	478+04	850	3,400	1,700	425											11	11
478+04	TO	485+73	769	3,076	3,076												10	10
485+73	TO	496+24	1,051	4,204	2,102	526											13	13
496+24	TO	555+60	5,936	23,744		2,968											74	74
555+60	TO	562+97	737	2,948	1,474	369											9	9
562+97	TO	563+99	102	408	408												1	1
563+99	TO	574+10	1,011	4,044	2,022	506											13	13
574+10	TO	690+43	11,633	46,532		5,817											145	145
STA EQ. STA 690+43.04 BK = 690+74.09 AH																		
690+74	TO	739+72	4,898	19,592		2,449											61	61
739+72	TO	741+96	224	896	448	112											3	3
741+96	TO	744+00	204	816	816												10	10
744+00	TO	756+25	1,225				2,450	496	63	163		557		31.2	226		73	73
756+25	TO	757+47	122				28	280		369	179		25			25	6	6
RURAL TOTAL			68,599	269,008	27,124	33,089	2,478	776	63	532	179	557	25	31	226	25	927	927
TOTALS			69,467	299,604		33,523	3,254		595		736		25	31	226	25	938	938

SEEDING AND EROSION CONTROL SCHEDULE									
STATION	STRUCTURE NUMBER	SIDE	TEMPORARY DITCH CHECKS	TEMPORARY EROS. CNTRL SEEDING	SEEDING CLASS 2A	EROS CNTRL BLANKET	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT
			FOOT	POUND	ACRE	SQ YD	POUND	POUND	POUND
167+89	053 - 2538	EAST & WEST	40	14	0.14	678	12.6	12.6	12.6
186+92	053 - 2033	EAST	20	7	0.07	339	6.3	6.3	6.3
255+31	053 - 2539	EAST & WEST	40	14	0.14	678	12.6	12.6	12.6
357+46	053 - 2540	WEST	20	7	0.07	339	6.3	6.3	6.3
689+32		EAST	10	4	0.03	145	2.7	2.7	2.7
704+50	053 - 2031	WEST	20	7	0.07	339	6.3	6.3	6.3
TOTAL			150	53	0.5	2518	47	47	47

	USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						326	(120,121,122)RS-4	LIVINGSTON	15	7
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 66K80				
	PLOT DATE = 12/3/2019	DATE -	REVISED -		SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

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CULVERT CLEANING SCHEDULE							
STATION	STRUCTURE NUMBER	SIDE	CULVERT SIZE	GRADING AND SHAPING DITCHES, SPECIAL	CLEAN EXISTING END SECTIONS EACH	BOX CULVERTS TO BE CLEANED FOOT	STONE DUMPED RIPRAP CLASS A3 TON
				FOOT			
167+89	053-2538	EAST & WEST	DOUBLE 7' X 8' BOX	400			
186+92	053-2033	EAST	DOUBLE 7' X 7.5' BOX	200			
228+46			3' X 2' BOX			68	
255+31	053-2539	EAST & WEST	DOUBLE 8' X 6.5' BOX	400			
306+98			3' X 2' BOX			74	
357+46	053-2540	WEST	TRIPLE 4' X 2' BOX	200	3		
386+89			3' X 2' BOX			70	
396+17			3' X 2' BOX			62	
481+64		EAST	3' X 2' BOX		1		
583+82			3' X 2' BOX			70	
597+98			3' X 2' BOX			79	
606+64			3' X 2' BOX			66	
689+32		EAST	3' X 2' BOX	100			3
704+50	053-2031	WEST	DOULBE 12' X 6.5' BOX	200			
TOTAL				1500	4	489	3

SHORT TERM PAVEMENT MARKING SCHEDULE					
LOCATION			LENGTH	SHORT TERM PAVT MARKING (3 APPLICATION)	
				APPLICATION	REMOVAL
STA	TO	STA	FOOT	FOOT	SQ FT
62+49	TO	71+17	868	260	87
URBAN TOTAL			868	260	87
71+17	TO	238+25	16,708	5,012	1671
238+25	TO	245+50	725	218	73
245+50	TO	248+03	253	76	25
248+03	TO	255+96	793	238	79
255+96	TO	361+75	10,579	3,174	1058
361+75	TO	369+30	755	227	76
369+30	TO	371+75	245	74	25
371+75	TO	379+76	801	240	80
379+76	TO	404+27	2,451	735	245
404+27	TO	411+73	746	224	75
411+73	TO	413+25	152	46	15
413+25	TO	421+26	801	240	80
421+26	TO	427+69	643	193	64
427+69	TO	435+20	751	225	75
435+20	TO	438+46	326	98	33
438+46	TO	445+01	655	197	66
445+01	TO	453+26	825	248	83
453+26	TO	459+80	654	196	65
459+80	TO	460+96	116	35	12
460+96	TO	469+54	858	257	86
469+54	TO	478+04	850	255	85
478+04	TO	485+73	769	231	77
485+73	TO	496+24	1,051	315	105
496+24	TO	555+60	5,936	1,781	594
555+60	TO	562+97	737	221	74
562+97	TO	563+99	102	31	10
563+99	TO	574+10	1,011	303	101
574+10	TO	690+43	11,633	3,490	1163
STA EQ. STA 690+43.04 BK = 690+74.09 AH					
690+74	TO	739+72	4,898	1,469	490
739+72	TO	741+96	224	67	22
741+96	TO	744+00	204	61	20
744+00	TO	756+25	1,225	368	123
RURAL TOTAL			68,477	20,543	6,848
TOTALS			69,345	20,804	6,935

	USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					326	(120,121,122)RS-4	LIVINGSTON	15	8
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 66K80				
	PLOT DATE = 12/3/2019	DATE -	REVISED -		SHEET 3 OF 4 SHEETS			STA. TO STA.				
										ILLINOIS	FED. AID PROJECT	



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ILL. RTE. 47		LOCATION: 0.9 MI S OF IL 17 IN DWIGHT TO IL 116 IN SAUNEMIN			LIVINGSTON COUNTY
MONUMENT NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
047013	SW CORNER SECTION 10, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 15, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 15, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 22, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 22, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 27, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 27, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 34, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 34, T30N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	NW CORNER SECTION 3, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 3, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 3, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 10, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 10, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 15, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 15, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 22, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 22, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 27, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 27, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 34, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 34, T29N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 3, T28N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 3, T28N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 10, T28N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	SW CORNER SECTION 10, T28N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
*	W QTR CORNER SECTION 15, T28N, R7E, 3RD PM	BRASS PLAQUE	TYPE 1	NO	1
COORDINATES ARE KNOWN FOR THE LISTED MONUMENTS. PRE CONSTRUCTION TIES ARE NOT REQUIRED. * = MONUMENT NUMBER TO BE ASSIGNED.					
UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, R.E. WILL DIRECT PLATS AND PLANS TO OBTAIN COORDINATES ON ANY FOUND MONUMENT(S) SUBJECT TO DESTRUCTION FROM THE RESURFACING WORK.					
R.E. WILL DIRECT PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION.					
UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING.					
NOTE: SUITABLE MONUMENT RECORDS HAVE BEEN PREVIOIUSLY FILED. PLATS AND PLANS WILL PREPARE AND RECORD ANY MONUMENT RECORD FOUND TO REQUIRE AN UPDATE.					
NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR SETTING THE LISTED PERMANENT SURVEY MARKERS.					
RESPONSIBILITY:					
1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)					
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT					

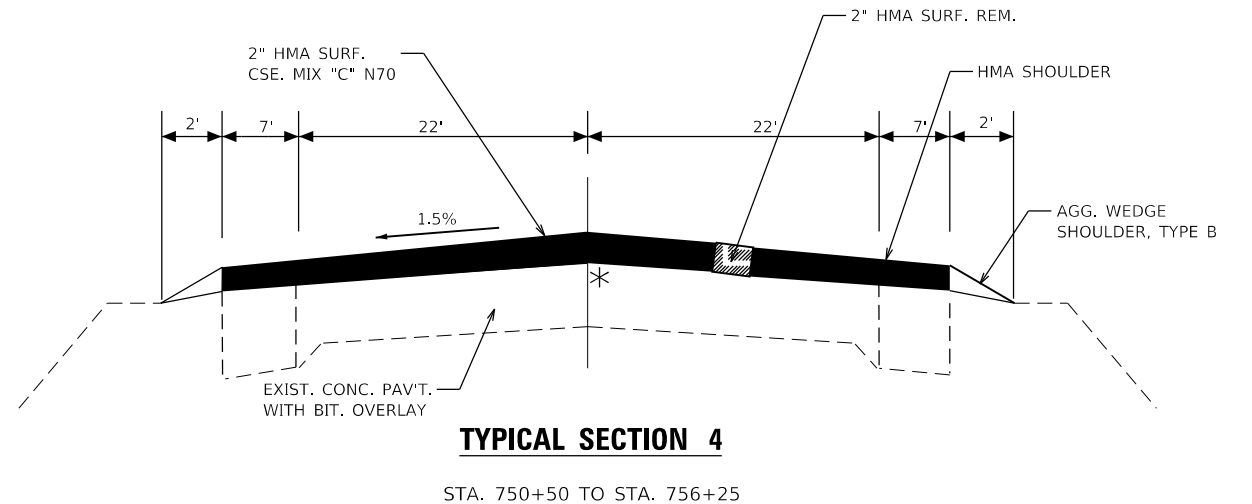
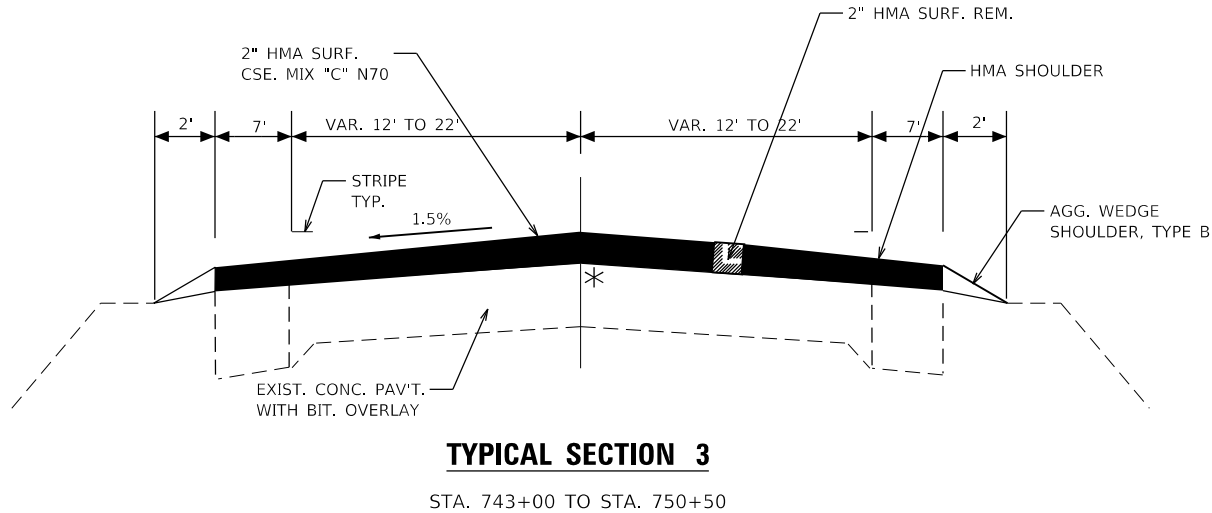
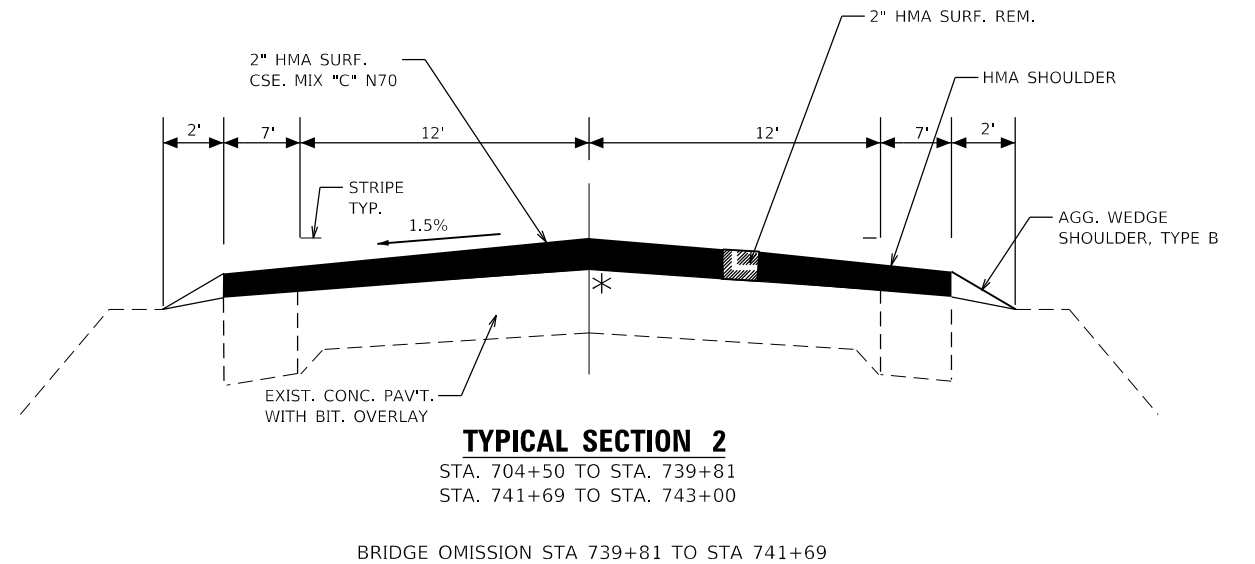
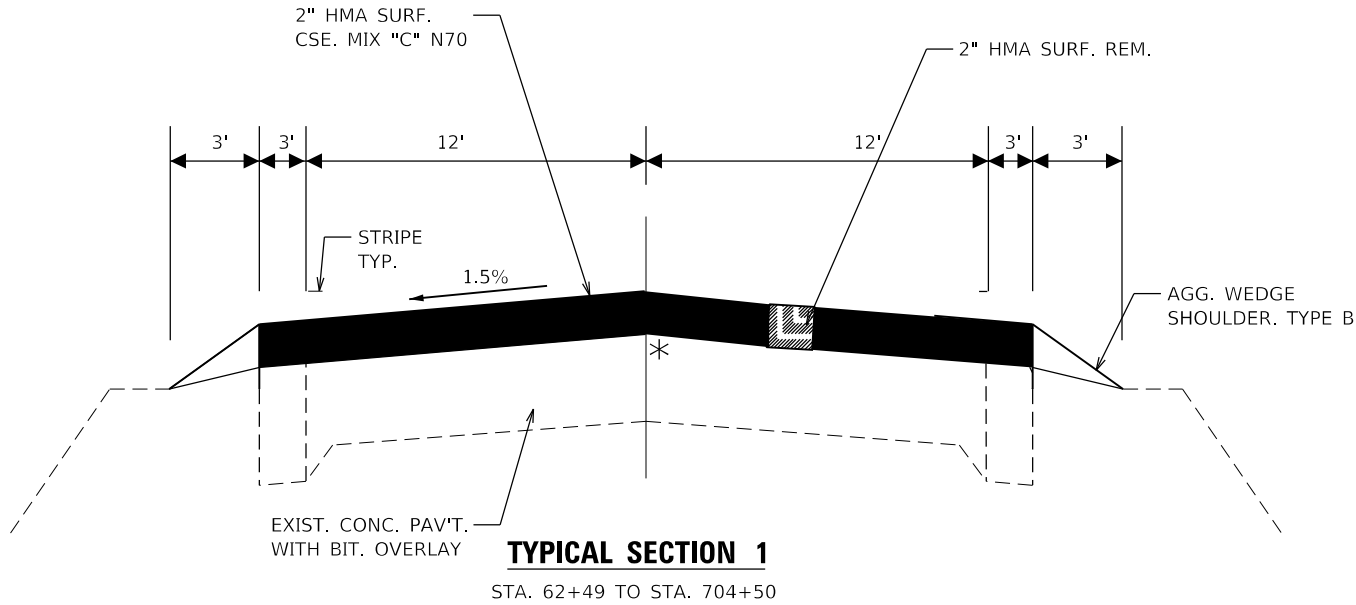
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PLOT DATE = 12/3/2019	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	9
CONTRACT NO. 66K80				
		ILLINOIS	FED. AID PROJECT	



HMA MIXTURE REQUIREMENT TABLE		
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA SHOULDER
BINDER GRADE (PG):	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE C	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCQA
SUBLOT SIZE:	1000 TONS	NA
DENSITY TEST METHOD:	CORES	CORES/NUCLEAR

\*LONGITUDINAL JOINT SEALANT

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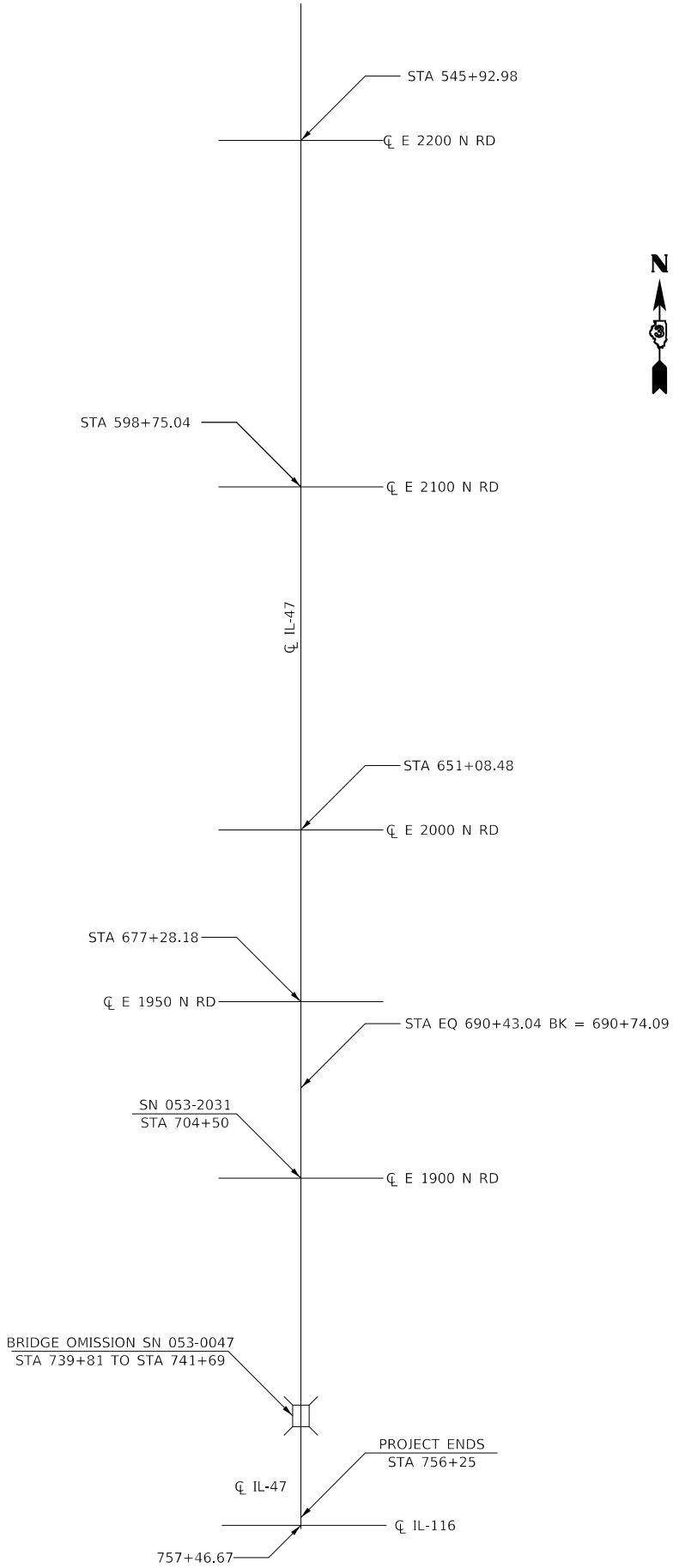
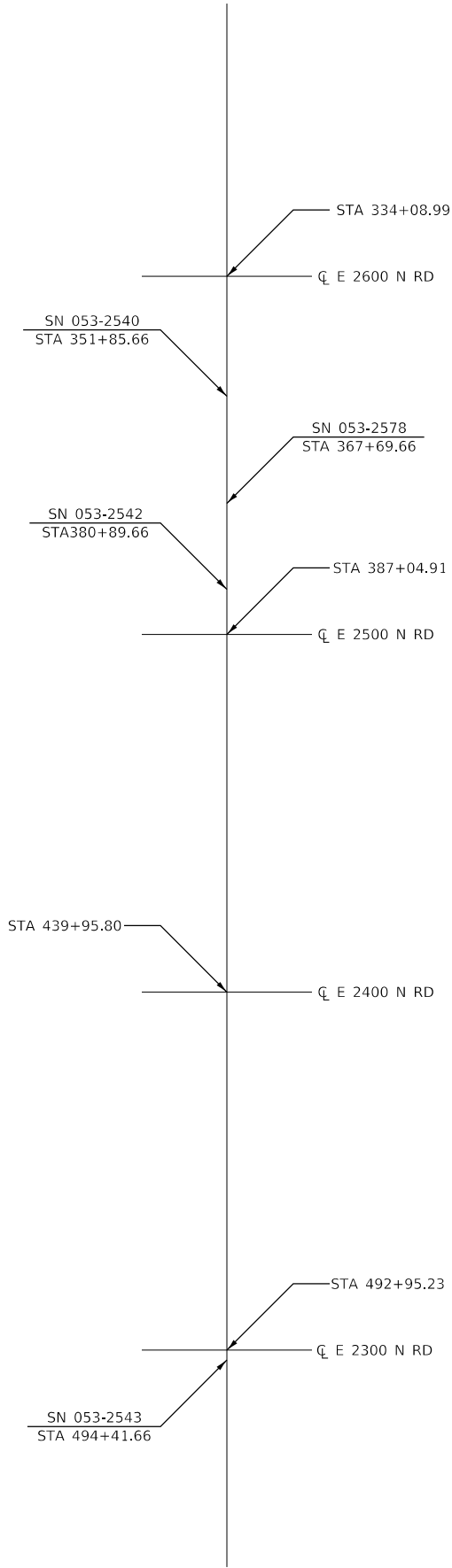
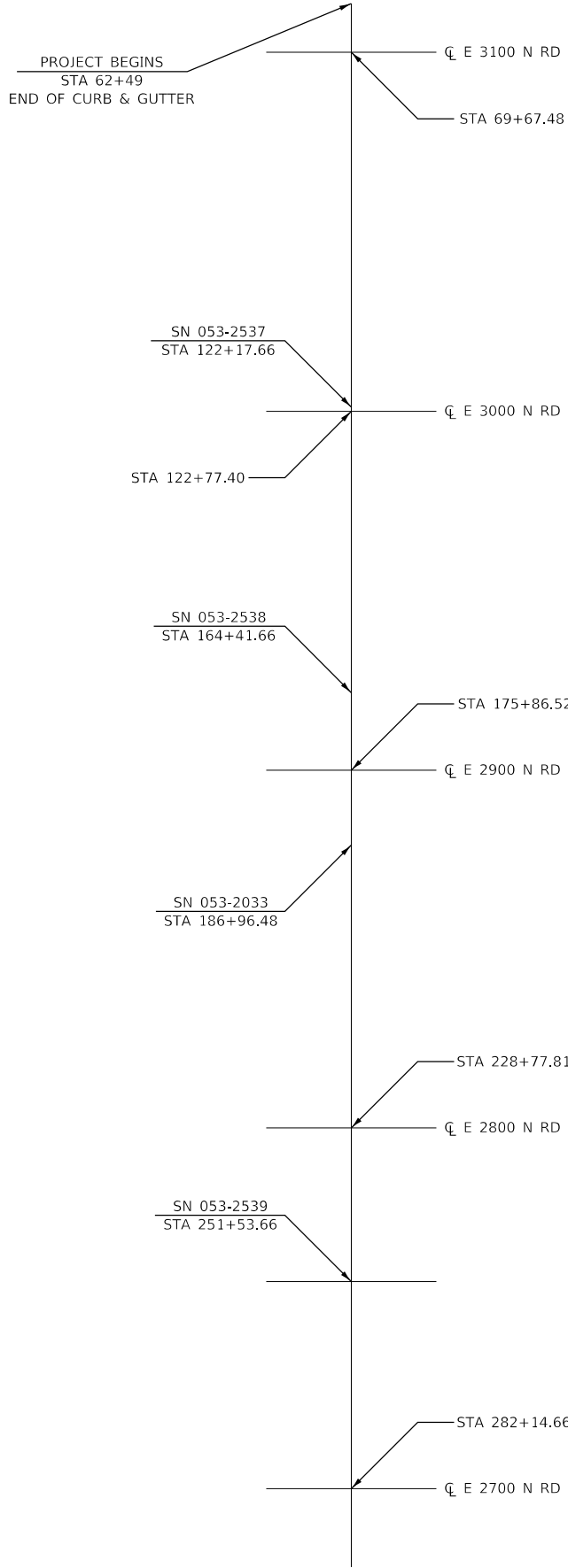
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	10
CONTRACT NO. 66K80				
ILLINOIS FED. AID PROJECT				

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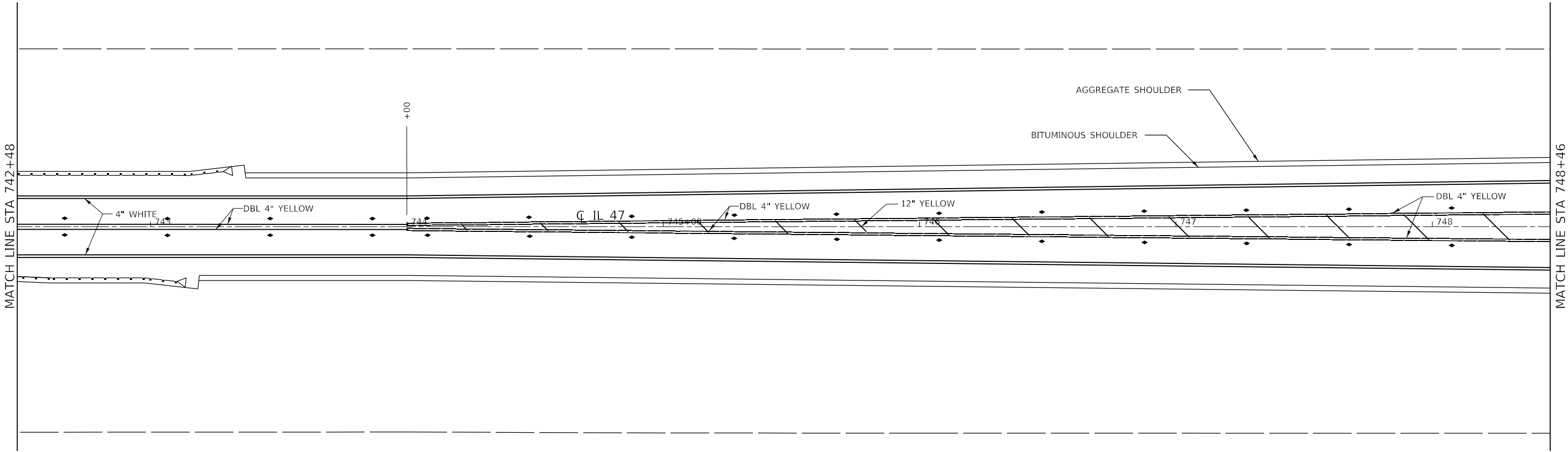
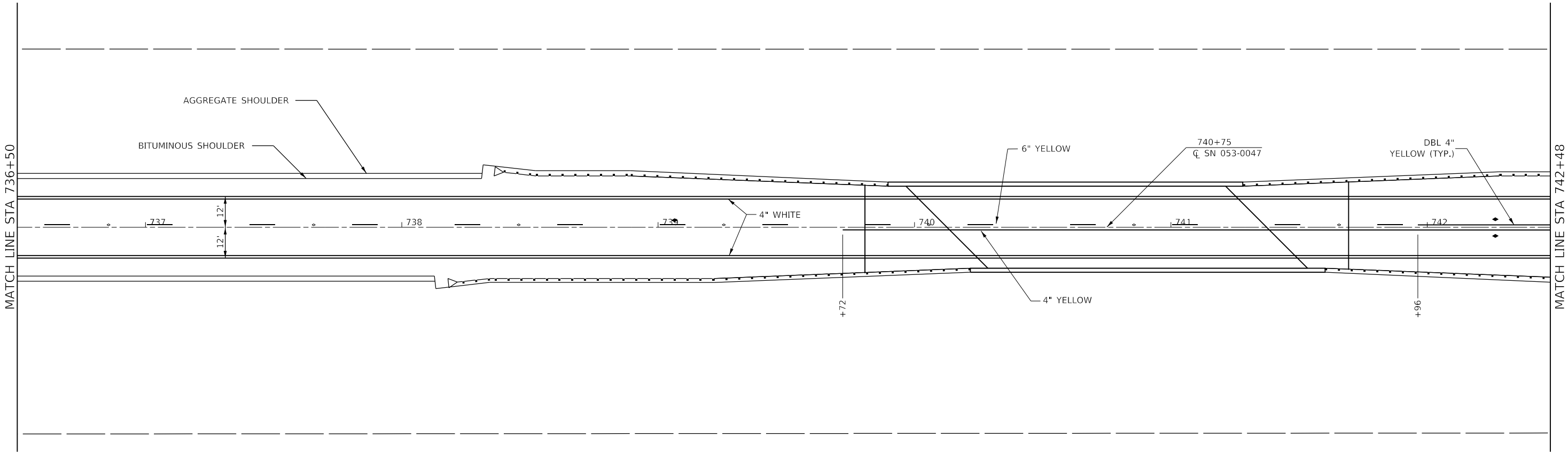
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	11
CONTRACT NO. 66K80				
ILLINOIS FED. AID PROJECT				

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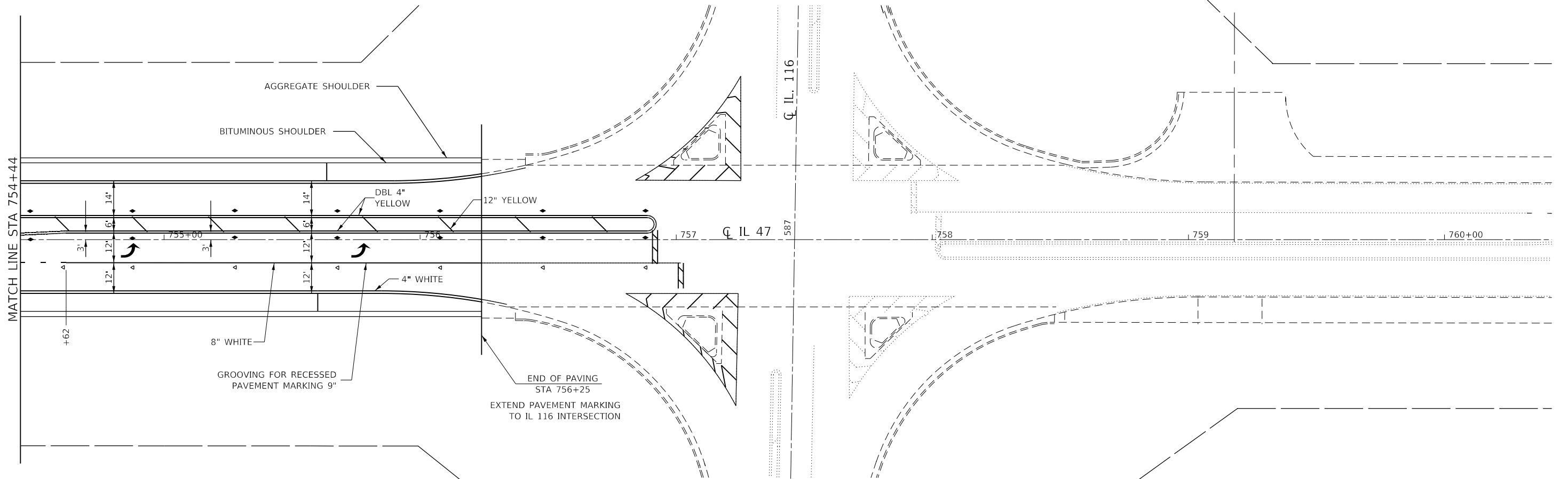
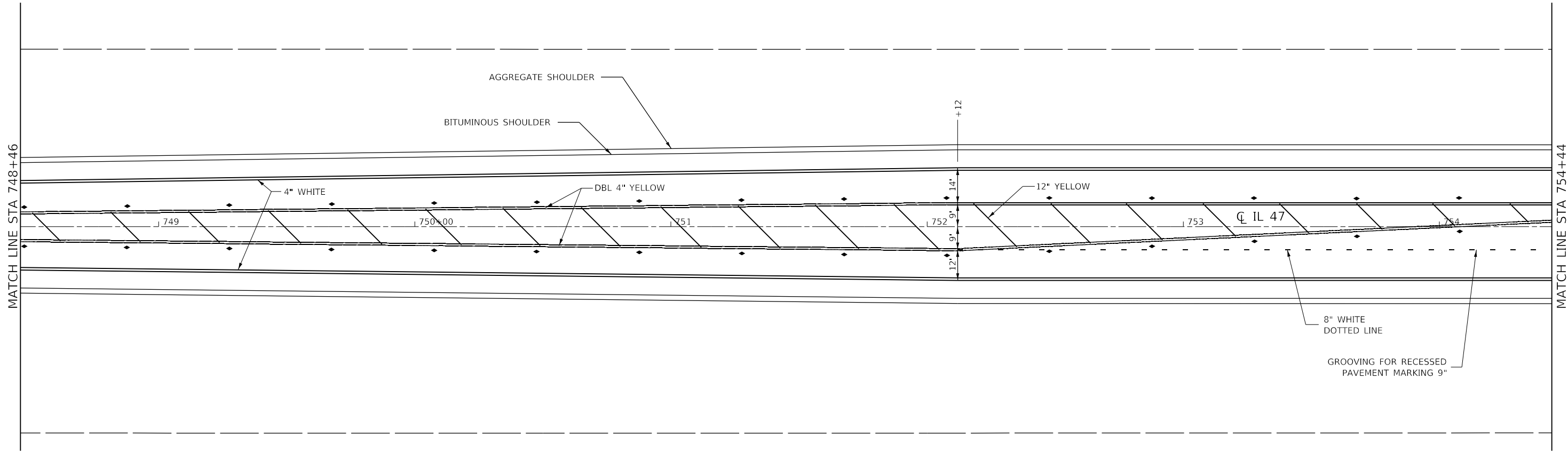
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	12
CONTRACT NO. 66K80				
ILLINOIS FED. AID PROJECT				

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PROJECT: 366K80  
SHEET: 2  
COUNTY: LIVINGSTON  
CONTRACT NO. 66K80



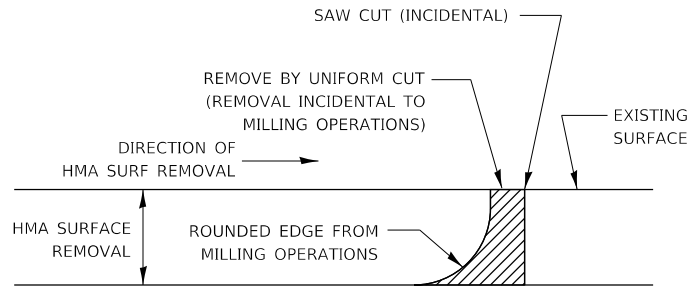
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

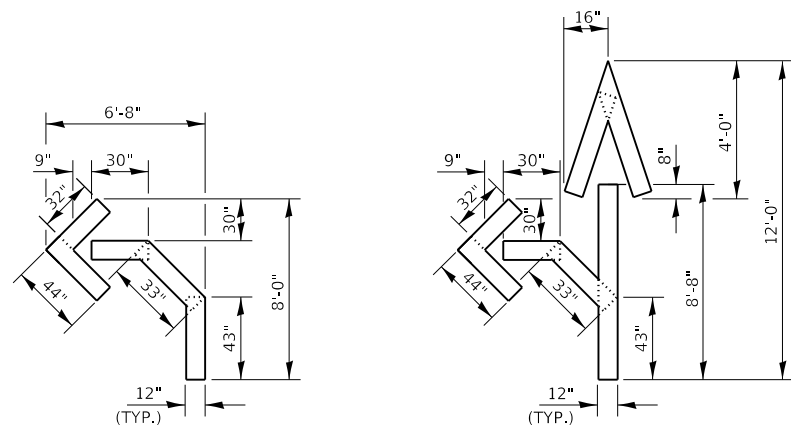
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	13
CONTRACT NO. 66K80				
ILLINOIS FED. AID PROJECT				



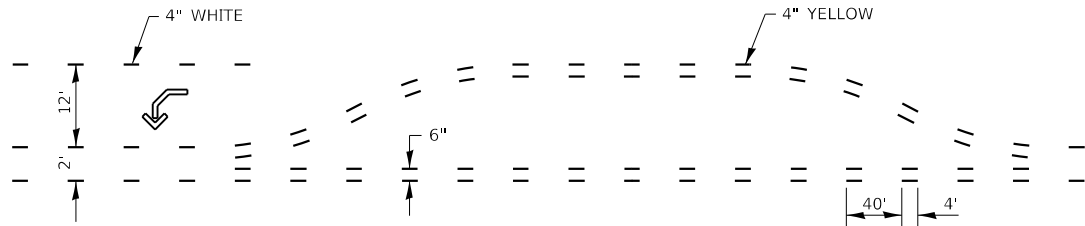
NOTE:  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,  
THEN A SAW CUT SHALL BE USED TO MANUFACTURE  
A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.  
THE ENGINEER SHALL BE THE SOLE JUDGE  
CONCERNING THE USE OF THIS DETAIL.

### HMA DETAIL AT BUTT JOINTS

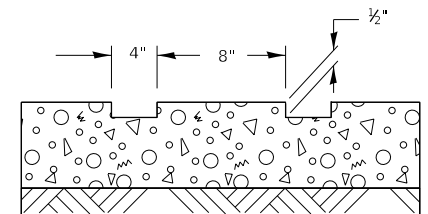
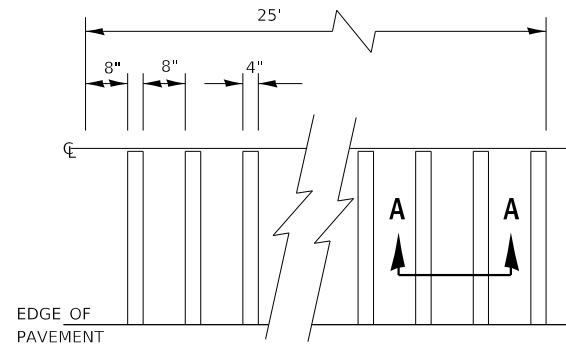
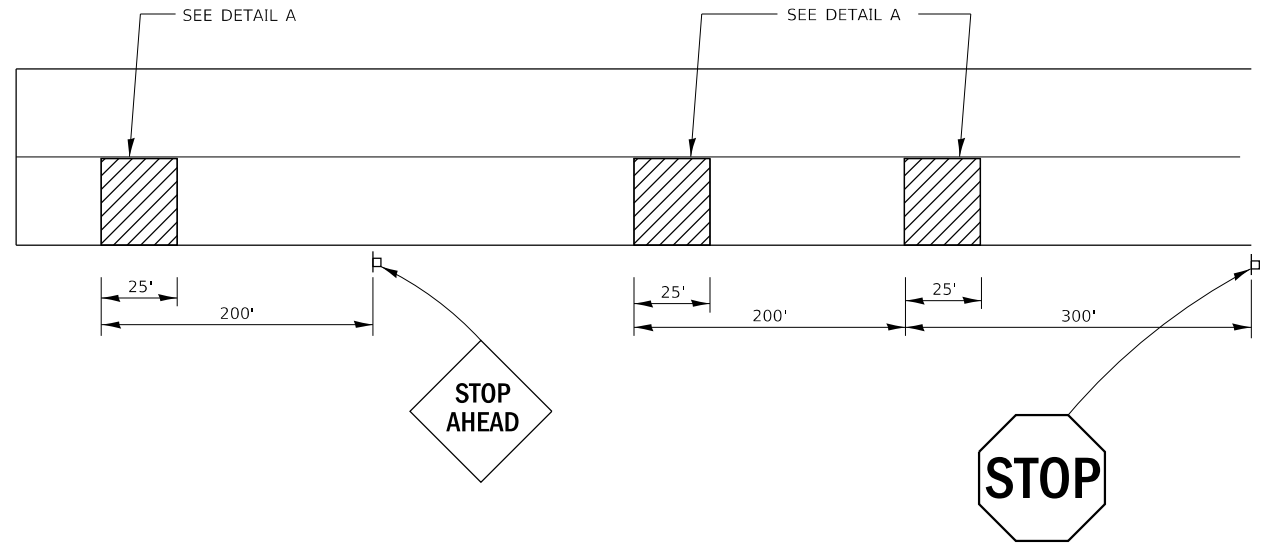


QUANTITY  
12" LINE = 16 LIN FT  
OR 4" LINE = 48 LIN FT

QUANTITY  
12" LINE = 29 LIN FT  
OR 4" LINE = 87 LIN FT



### SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



### DETAIL A

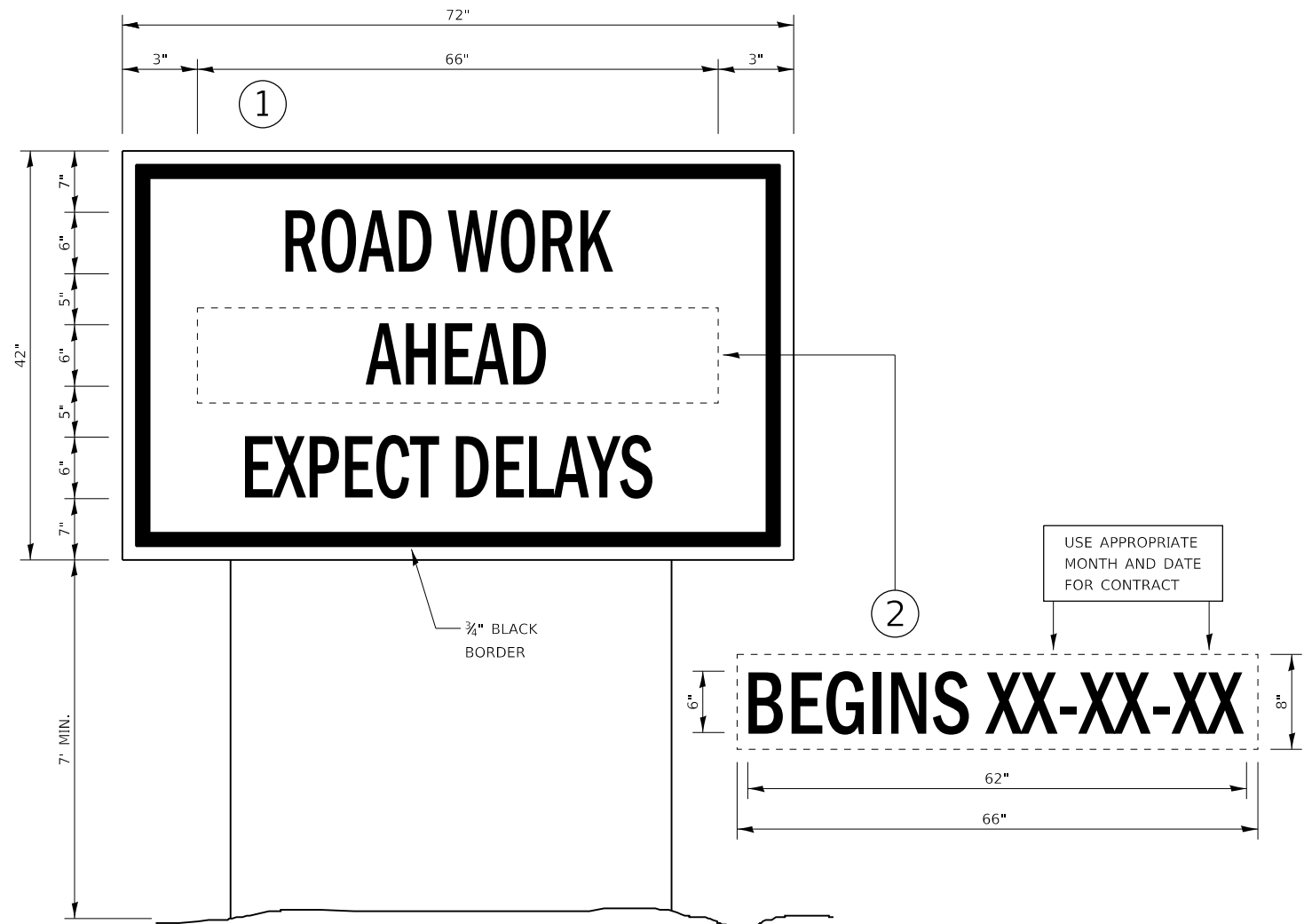
### SECTION A-A

### TYPICAL GROOVED RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION

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	DRAWN -	REVISD -	REVISED -					326	(120,121,122)RS-4	LIVINGSTON	15	14
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	PLOT DATE = 12/3/2019	DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

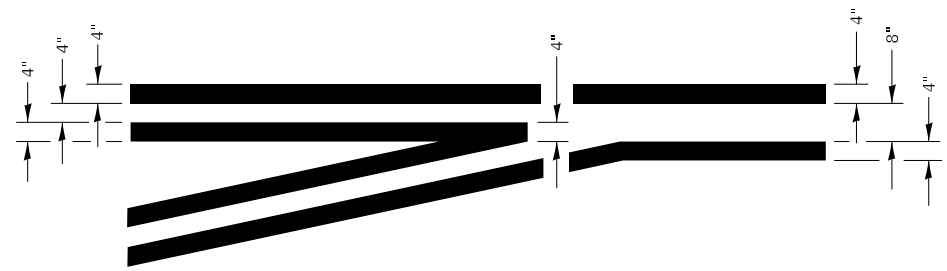
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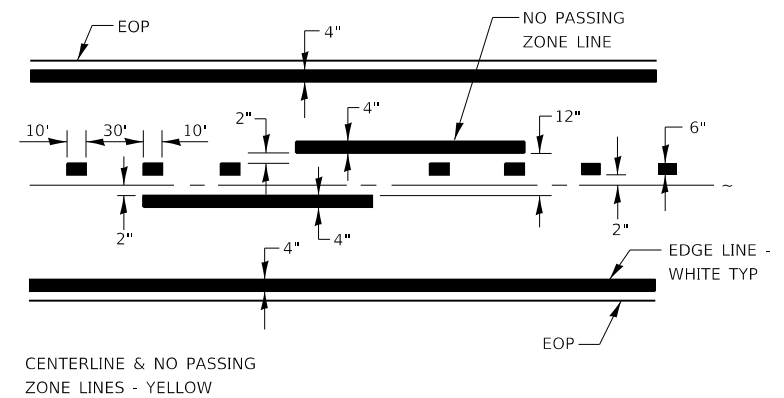
## TEMPORARY INFORMATION SIGNING

### NOTES:

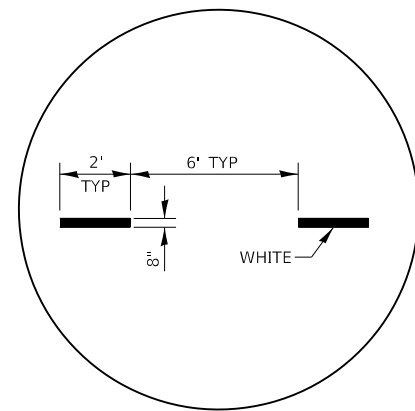
- USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- ERECT SIGN①WITH INSTALLED PANEL②A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- REMOVE PANEL②ON THAT DATE.
- SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL②WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



## LEFT TURN LANE TYPICAL APPLICATION



## PAVEMENT MARKING



## ADVANCE AND INTERSECTION LANE DIVIDER LINES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(120,121,122)RS-4	LIVINGSTON	15	15
CONTRACT NO. 66K80				
ILLINOIS FED. AID PROJECT				