

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	1
		ILLINOIS	CONTRACT NO. 66L57	

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-6 SUMMARY OF QUANTITIES
- 7-12 TYPICAL SECTIONS
- 13 CURVE DATA
- 14 PERMANENT MARKER TABLE
- 15 LINE DIAGRAM
- 16-19 SCHEDULE OF QUANTITIES
- 20-23 DETAILS

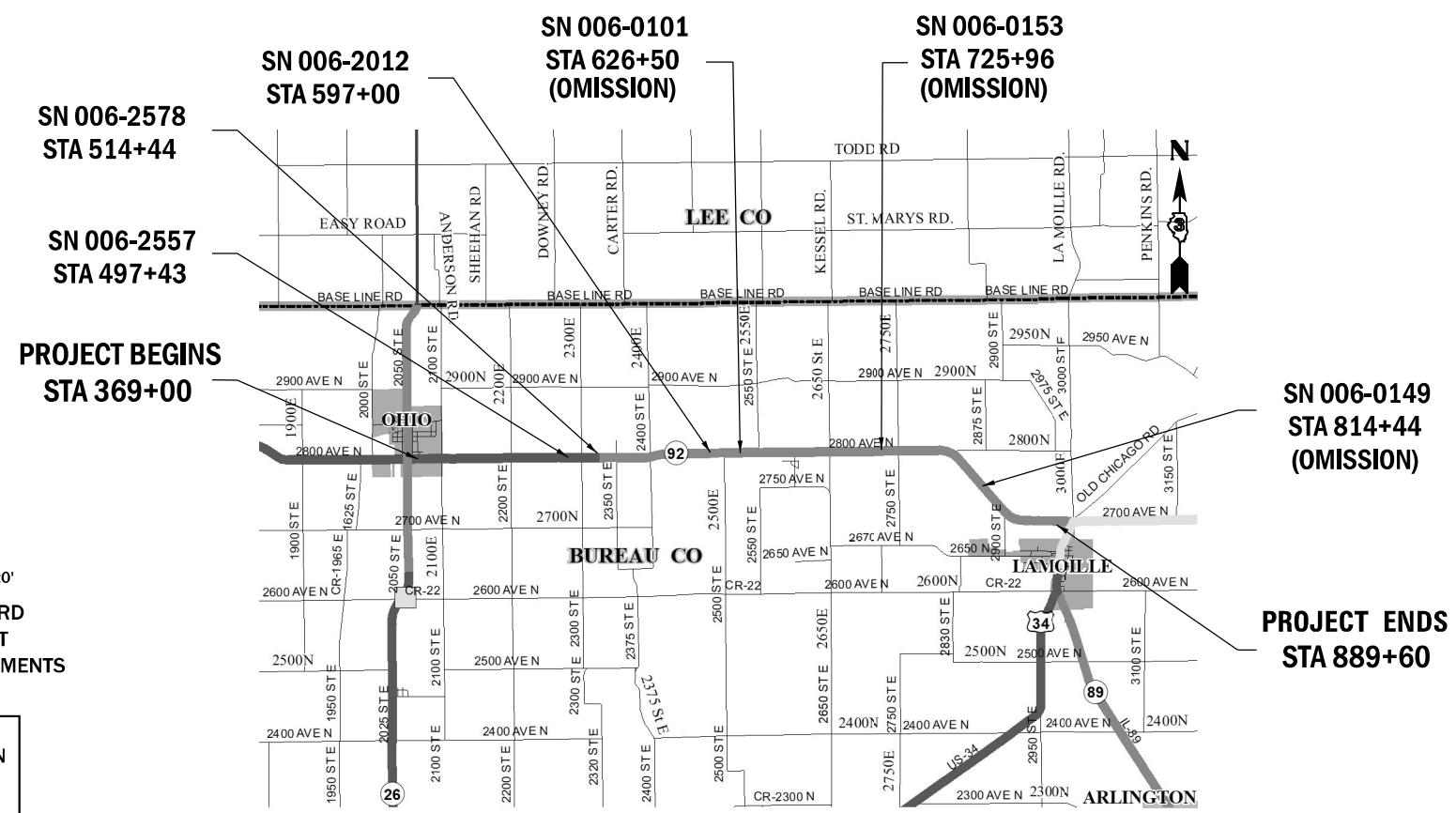
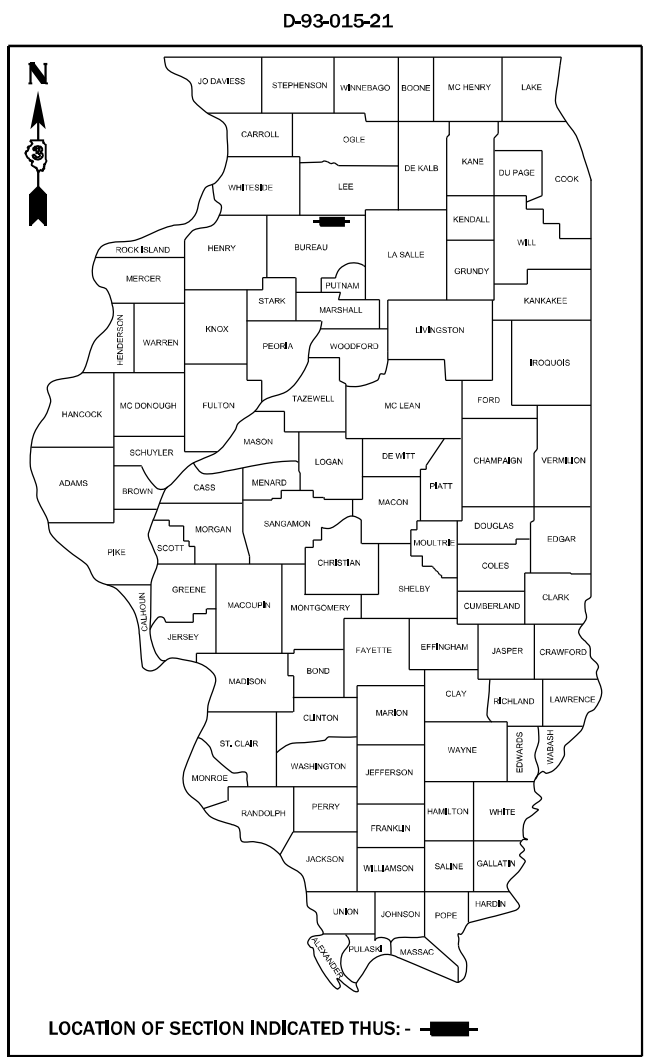
**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
630001-12	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
631006-08	TRAFFIC BARRIER TERMINAL, TYPE 1B
635001-02	DELINEATORS
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

# PROPOSED HIGHWAY PLANS

## FAP 587 (IL 92) SECTION (139,140)RS-5,SW PROJECT STP-XKQU(515) 3P MILLING AND RESURFACING (DESIGNED OVERLAY) BUREAU COUNTY

C-93-046-21



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. 66L57

GROSS LENGTH = 52132 FT. = 9.9 MILE  
NET LENGTH = 51418 FT. = 9.7 MILE

**FUNCTION CLASSIFICATION**  
**MINOR ARTERIAL**  
2019 ADT = 600  
P.V. = 88.3% S.U. = 5.0% M.U. = 6.7%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 17, 20 21

*[Signature]*  
REGIONAL ENGINEER

February 4, 20 22  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 20 22  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

**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	LB5 / 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**

<b>HMA MIXTURE REQUIREMENT TABLE</b>			
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE	HMA INCIDENTAL
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:		MIXTURE C	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QCQA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF THE ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	YES	YES	YES

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: \_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

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PLOT DATE = 12/16/2021	DATE - 12/15/2021	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.
587	(139,140)RS-5,SW	BUREAU	23	2
			CONTRACT NO. 66L57	
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				FUND TYPE	STP
				ROADWAY	
				0005	
				RURAL	
20100500	TREE REMOVAL, ACRES	ACRE	0.25		0.25
20200100	EARTH EXCAVATION	CU YD	480		480
20400800	FURNISHED EXCAVATION	CU YD	35		35
21400100	GRADING AND SHAPING DITCHES	FOOT	1592		1592
25000100	SEEDING, CLASS 1	ACRE	1		1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90		90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90		90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90		90
25100630	EROSION CONTROL BLANKET	SQ YD	4840		4840
28100105	STONE RIPRAP, CLASS A3	SQ YD	110		110
28100107	STONE RIPRAP, CLASS A4	SQ YD	45		45
28200200	FILTER FABRIC	SQ YD	155		155
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	19		19
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	99060		99060

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	3
			CONTRACT NO. 66L57	
ILLINOIS FED. AID PROJECT				

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				80% FED 20% STATE	
				FUND TYPE	STP
				ROADWAY	
				0005	
				RURAL	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	55917	55917	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	42.5	42.5	
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	70.8	70.8	
40600990	TEMPORARY RAMP	SQ YD	811	811	
40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50	TON	17884	17884	
40604050	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50	TON	11921	11921	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1108	1108	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	141935	141935	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1886	1886	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	410	410	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1425	1425	
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	125	125	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	16	16	
63200310	GUARDRAIL REMOVAL	FOOT	1975	1975	

\*= SPECIALTY ITEM

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				FUND TYPE	
				ROADWAY	STP
				0005	
				RURAL	
63500105	DELINEATORS	EACH	46		46
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	14		14
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	65		65
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3		3
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3		3
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4		4
67100100	MOBILIZATION	L SUM	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5703		5703
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1901		1901
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	16		16

\*= SPECIALTY ITEM

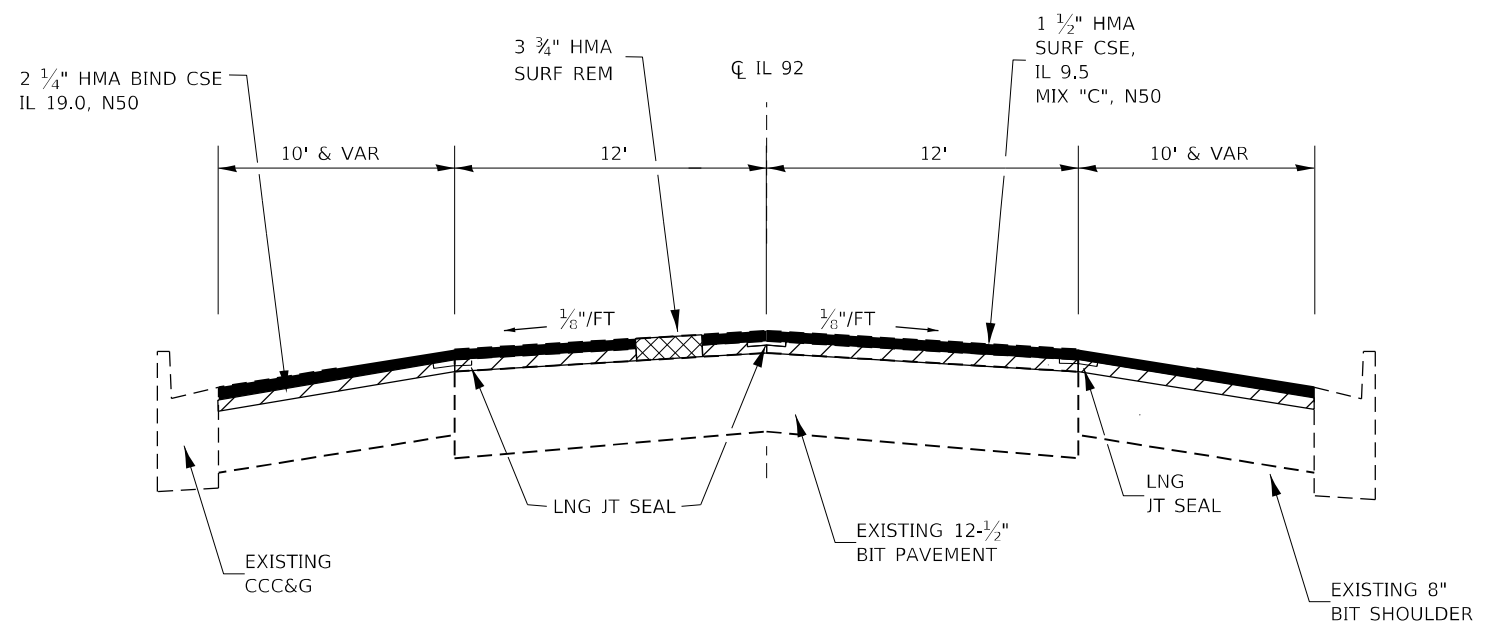
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				ROADWAY	
				0005	
				RURAL	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	300978		300978
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	18794		18794
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	651		651
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	27		27
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	651		651
X0326206	RESET GRATE	EACH	2		2
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	27		27
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	7238		7238
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	1364		1364
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42		42
Z0034105	MATERIAL TRANSFER DEVICE	TON	29805		29805

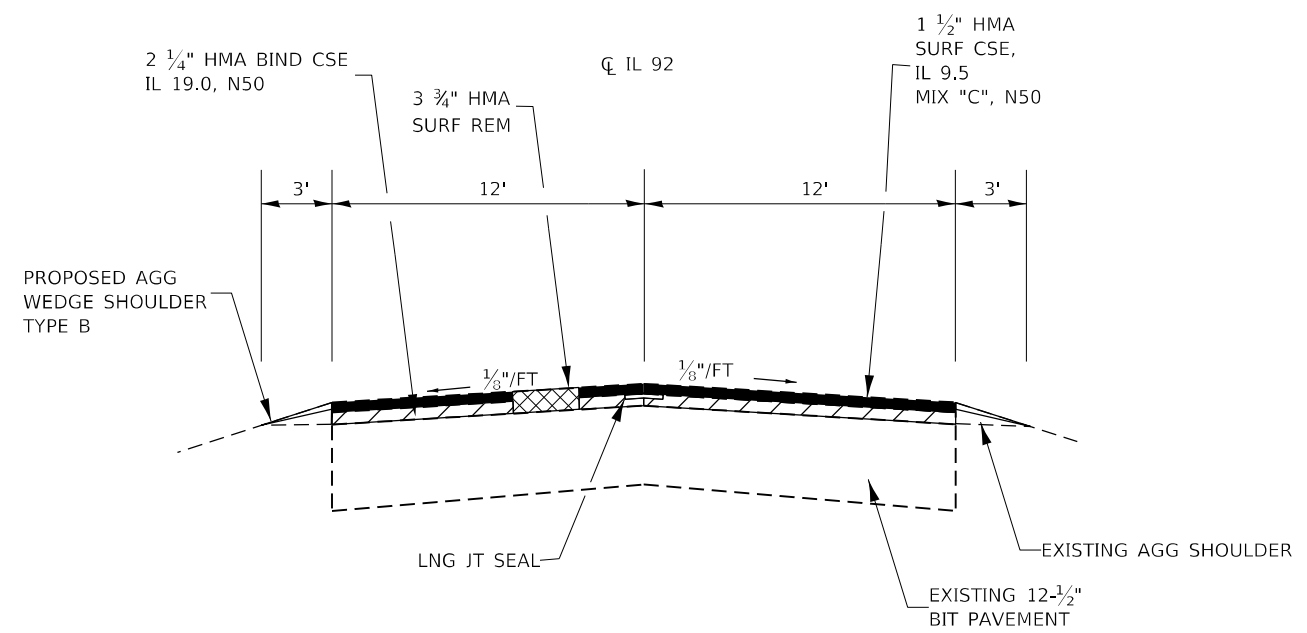
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PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISIONS -						ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 1**

STA 369+00 TO STA 372+73



**TYPICAL SECTION 2**

- STA 372+73 TO STA 472+65
- STA 479+25 TO STA 495+30
- STA 497+90 TO STA 547+65
- STA 563+50 TO STA 594+80
- STA 599+70 TO STA 625+90
- STA 627+60 TO STA 631+75
- STA 638+00 TO STA 660+47
- STA 666+30 TO STA 688+50
- STA 859+37 TO STA 863+68
- STA 872+50 TO STA 889+60

BRIDGE OMISSION:  
STA 625+90 TO STA 627+60

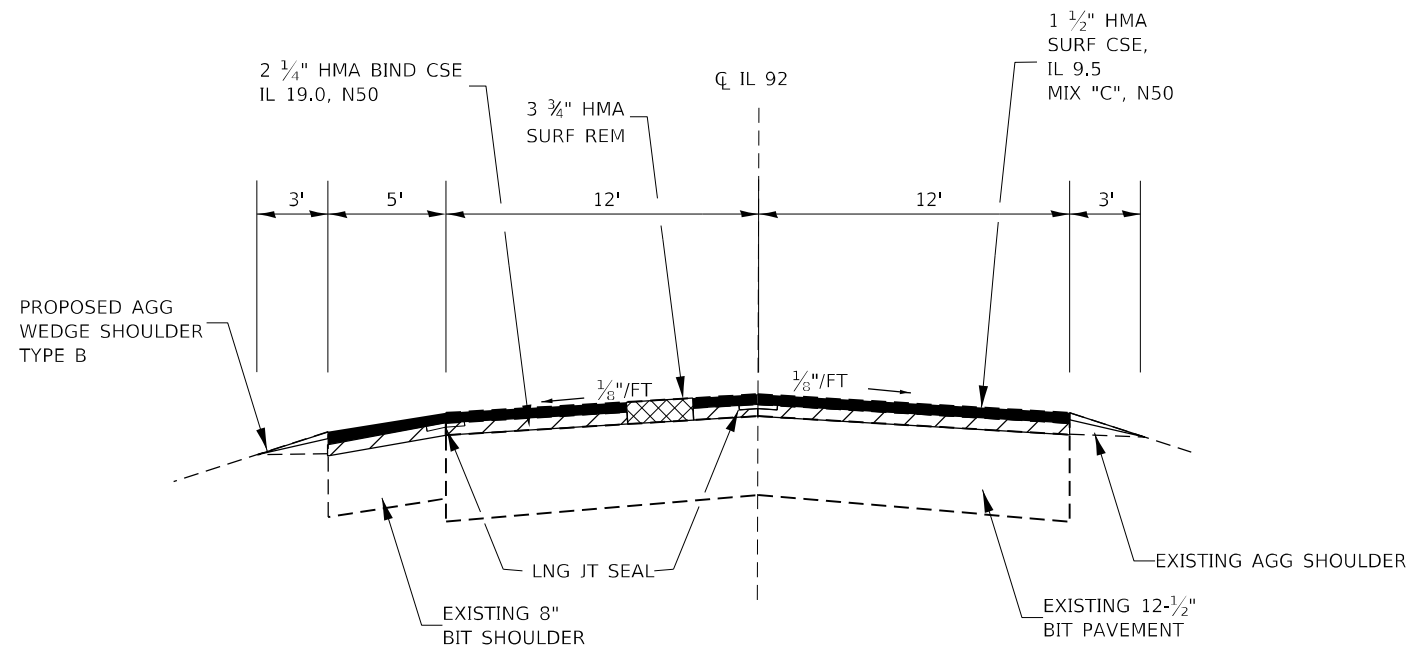
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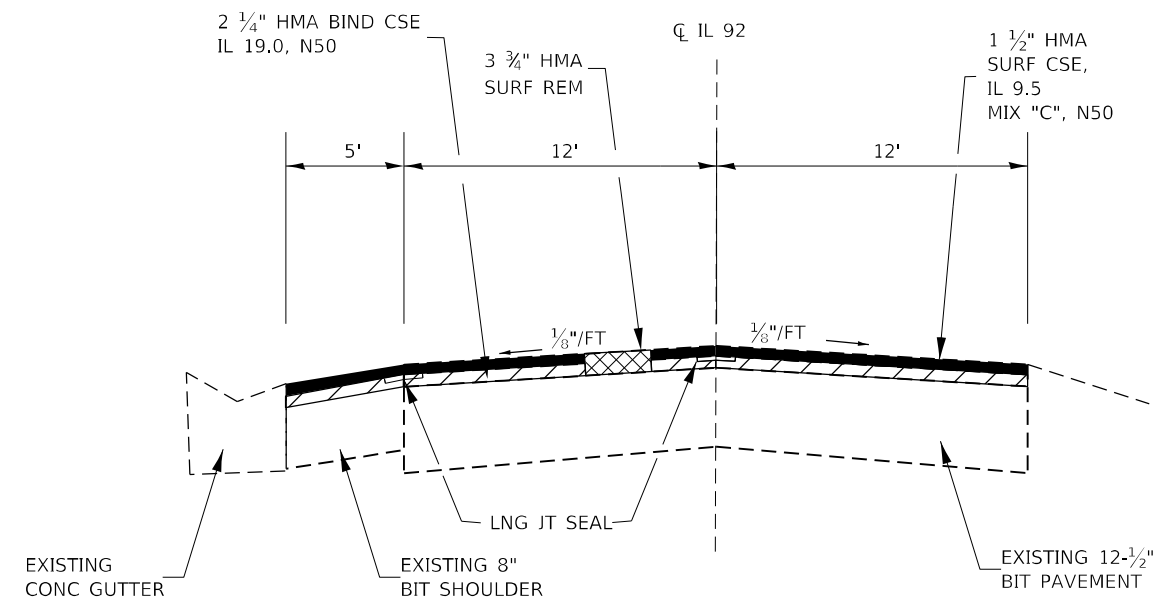
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SCALE:	SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	7
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 3**

STA 472+65 TO STA 474+08  
 STA 478+10 TO STA 479+25  
 STA 660+47 TO STA 662+10  
 STA 665+10 TO STA 666+30  
 STA 863+68 TO STA 872+50



**TYPICAL SECTION 4**

STA 474+08 TO STA 478+10  
 STA 662+10 TO STA 665+10

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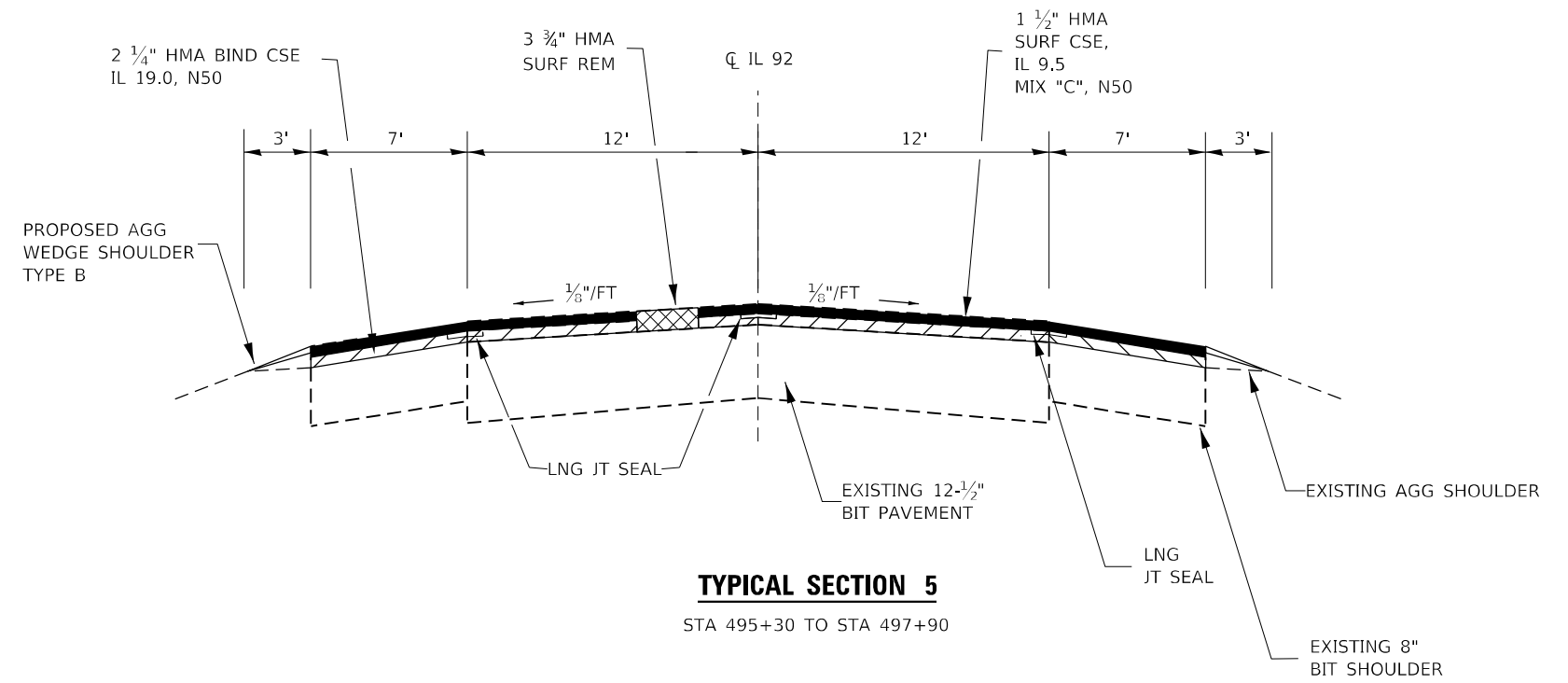
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 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

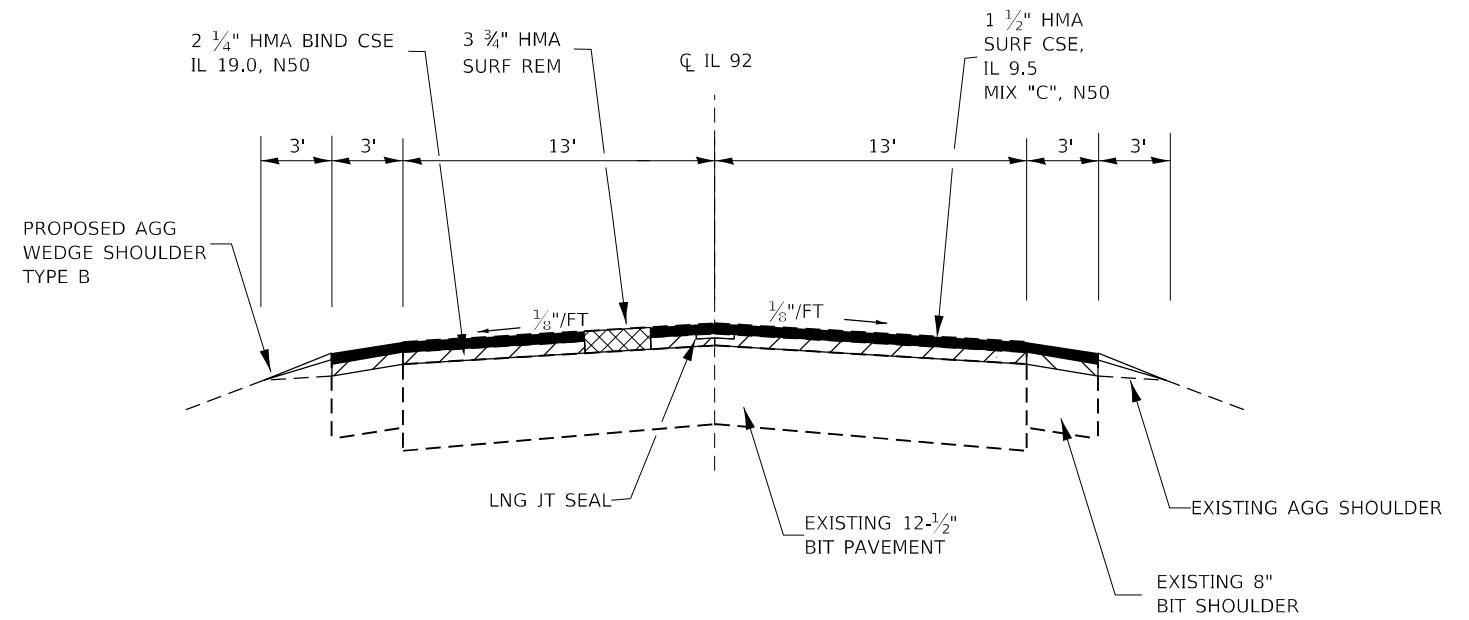
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	8
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				





**TYPICAL SECTION 5**  
STA 495+30 TO STA 497+90



**TYPICAL SECTION 6**  
STA 547+65 TO STA 563+50

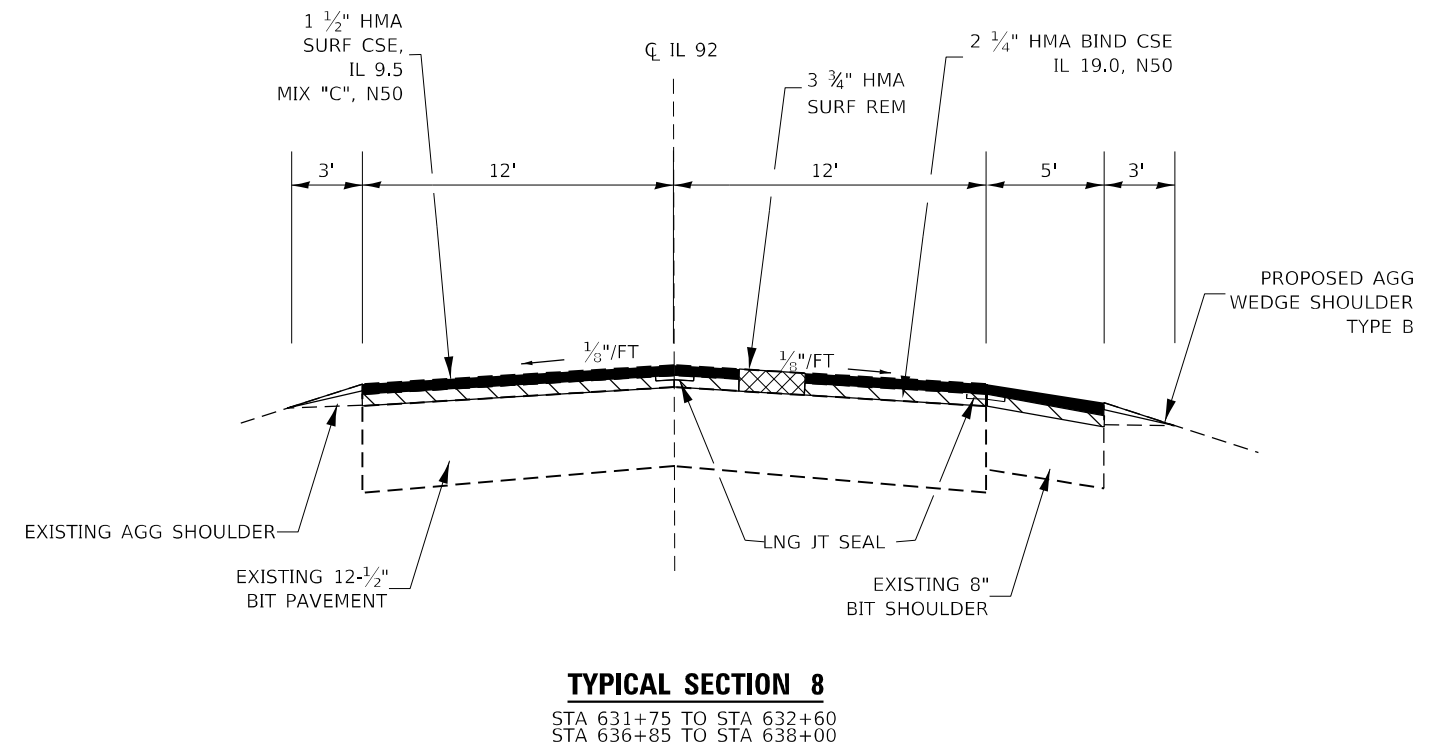
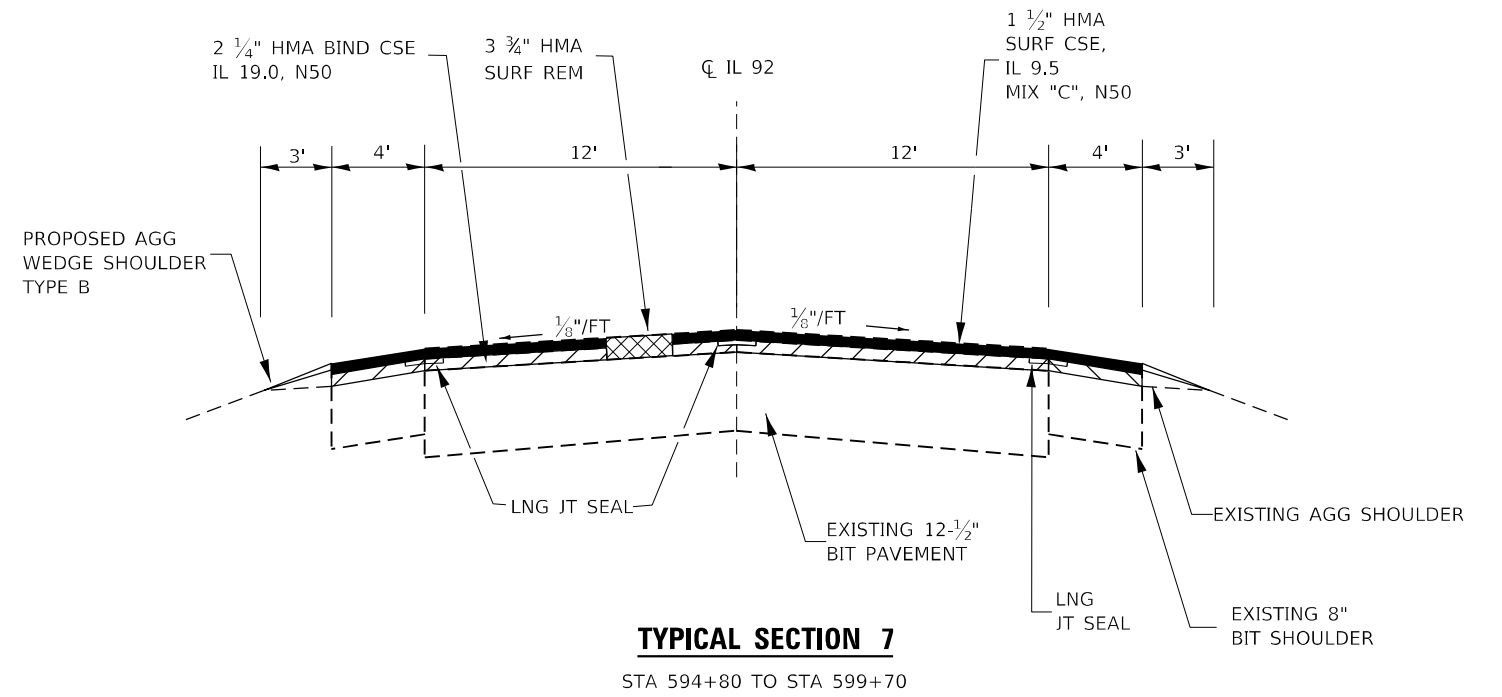
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTION</b>			
SCALE:	SHEET 3	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW		23	9
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				



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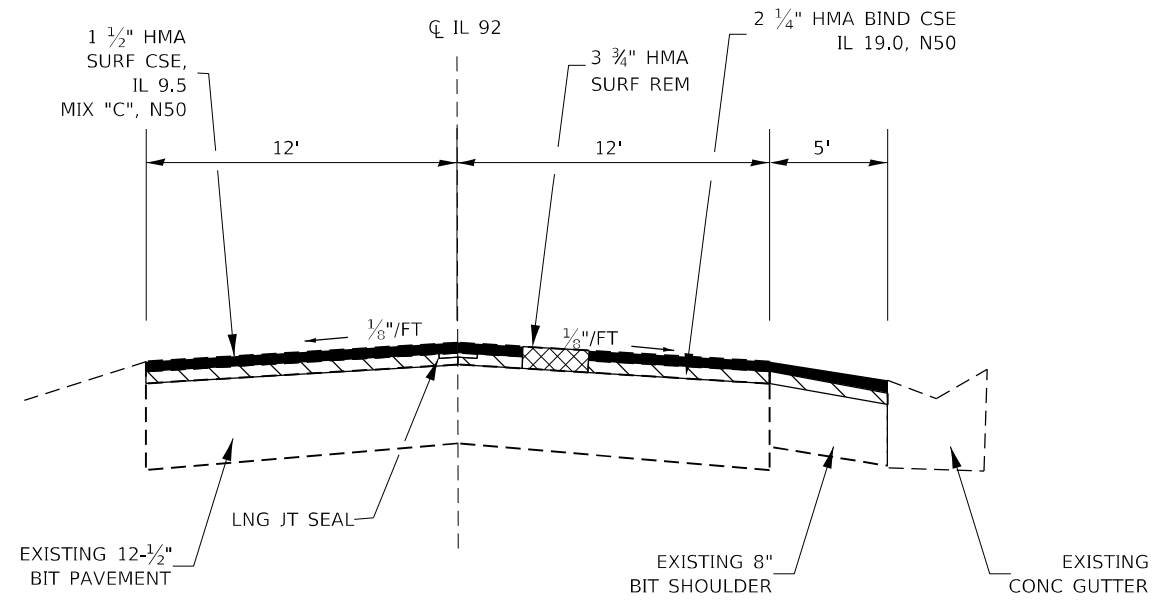
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

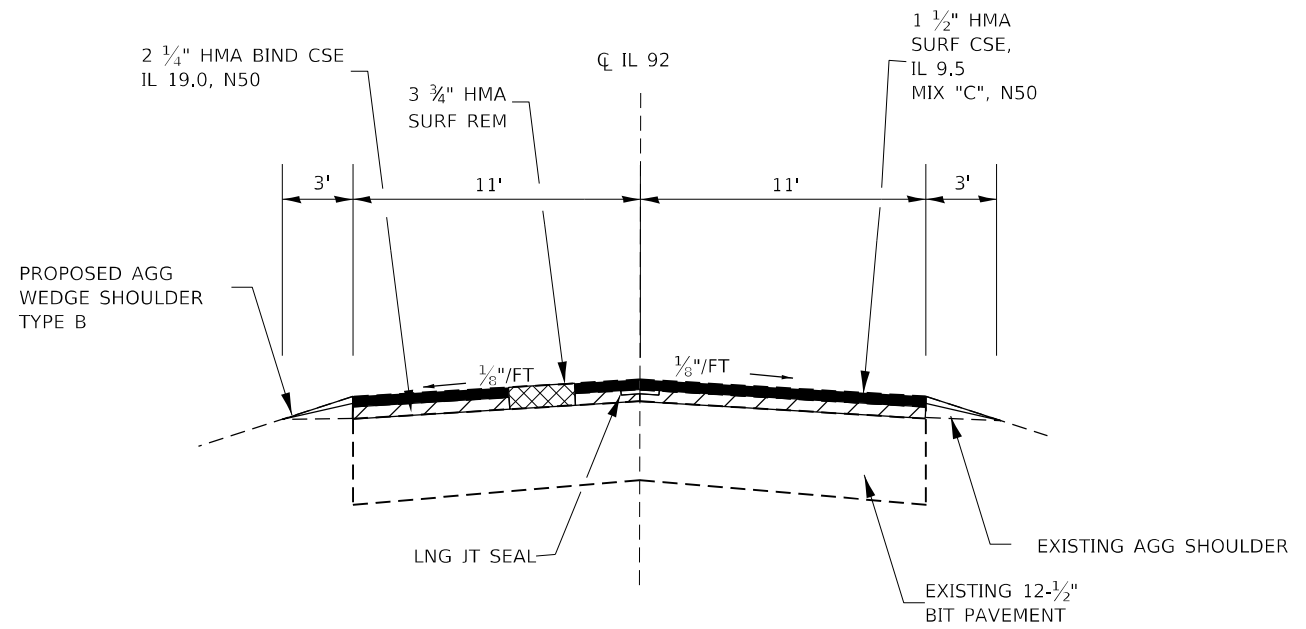
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	10
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ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 9**

STA 632+60 TO STA 636+85



**TYPICAL SECTION 10**

STA 688+50 TO STA 724+90  
 STA 726+64 TO STA 772+57  
 STA 790+70 TO STA 808+95  
 STA 816+35 TO STA 842+25

BRIDGE OMISSION:  
 STA 724+90 TO STA 726+64

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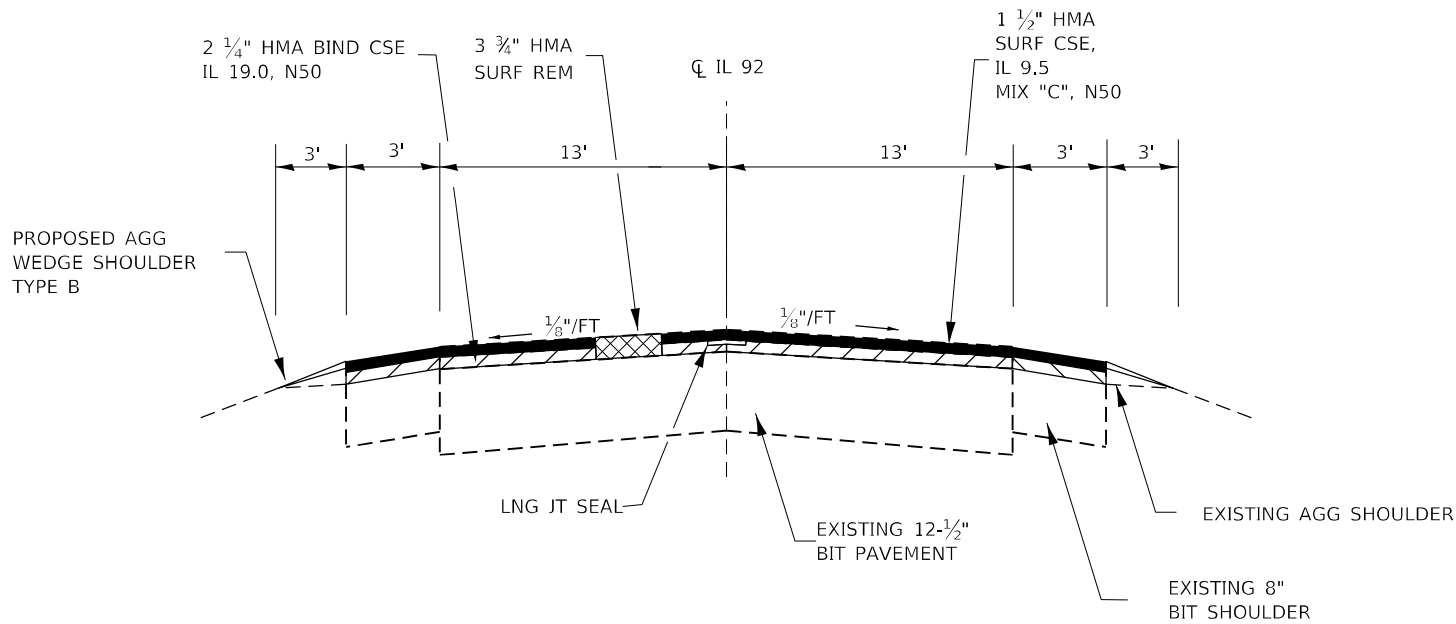
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PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

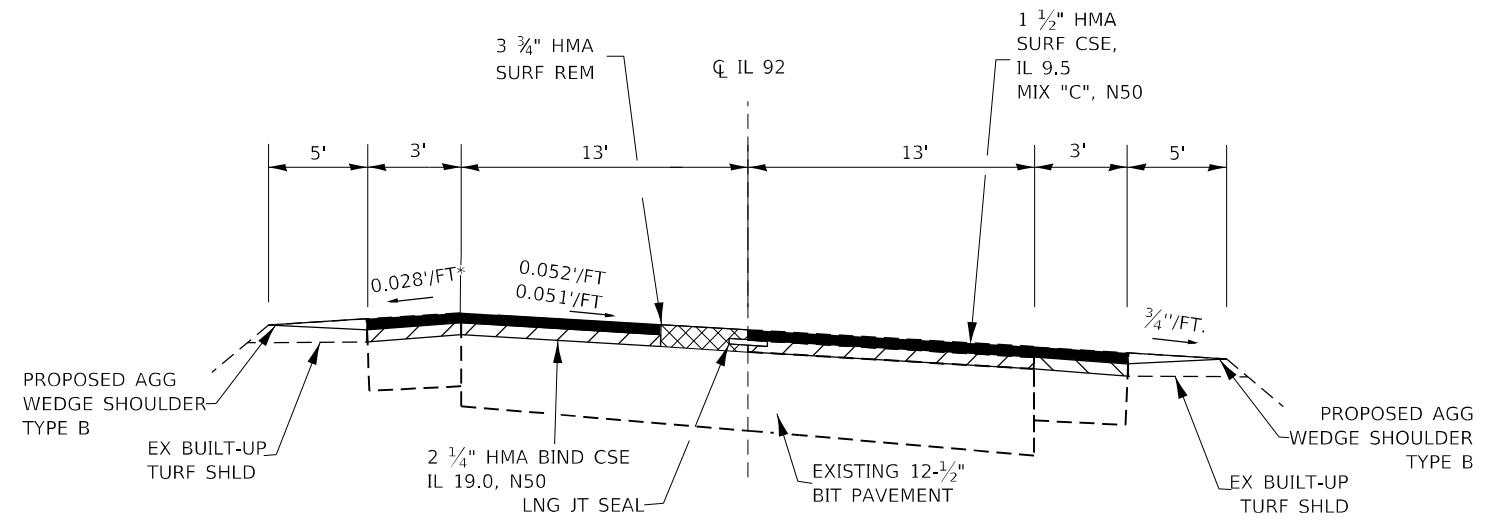
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	11
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 11**

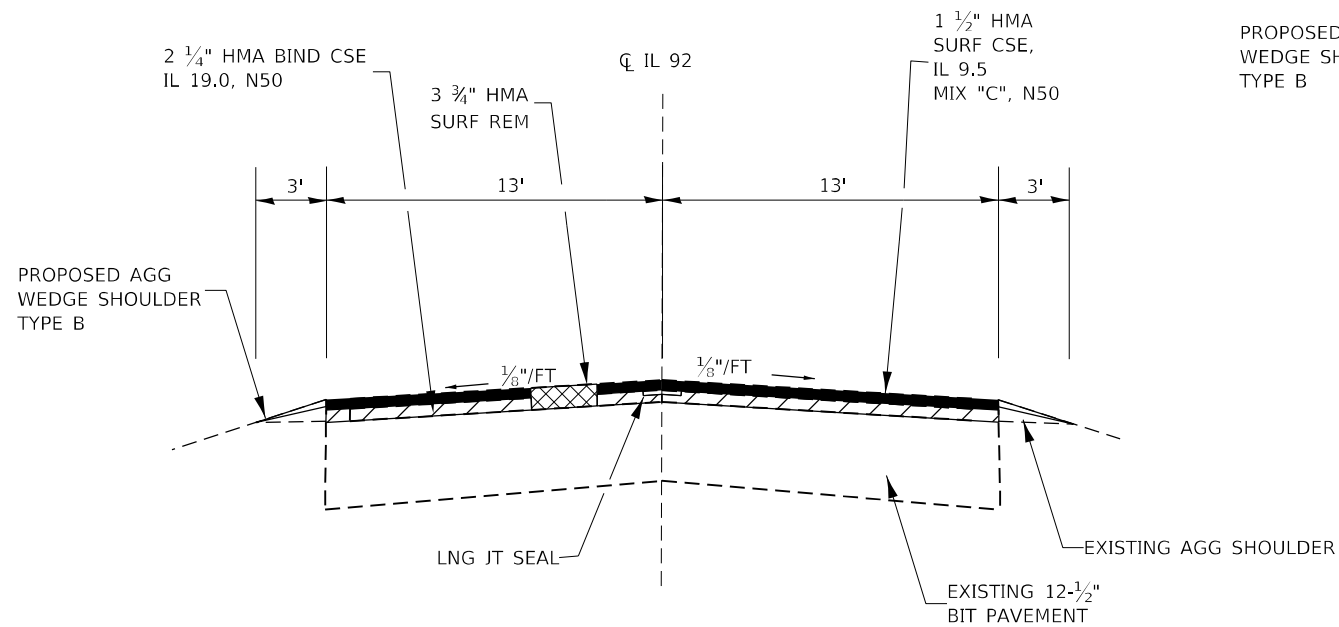
STA 772+57 TO STA 790+70  
STA 842+25 TO STA 859+37

\* NOTE: MAINTAIN NORMAL UPPER SHOULDER SLOPE UNTIL THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT SLOPE AND THE SHOULDER SLOPE EXCEEDS 0.08'/FT. THEN FLATTEN SHOULDER SO THE DIFFERENCE DOES NOT EXCEED 0.08'/FT.



**SUPERELEVATED TRANSITION SECTIONS**

- STA. 550+66.55 to STA. 552+81.59
- STA. 554+85.52 to STA. 557+00.56
- STA. 555+51.30 to STA. 557+66.34
- STA. 562+81.56 to STA. 564+96.60
- STA. 771+95.42 to STA. 774+13.73
- STA. 789+42.01 to STA. 791+60.32
- STA. 841+12.62 to STA. 843+30.93
- STA. 857+97.32 to STA. 860+15.63



**TYPICAL SECTION 12**

STA 808+95 TO STA 812+65  
BRIDGE OMISSION:  
STA 812+65 TO STA 816+35

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
DRAWN - CNOLASCO	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISED -

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	12
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				

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 PLOT SCALE: 100,0000' / in.  
 PLOT DATE: 12/16/2021

PI STA. = 552+26.35  
 $\Delta$  = 15° 49' 13" (LT)  
 D = 2° 29' 59"  
 R = 2,292.01'  
 T = 318.45'  
 L = 632.86'  
 E = 22.02'  
 e = 0.051  
 T.R. = 48.75  
 S.E. RUN = 165.75  
 P.C. STA. = 549+07.90  
 P.T. STA. = 555+40.76

**Curve A**

PI STA. = 560+25.69  
 $\Delta$  = 14° 45' 11" (RT)  
 D = 2° 21' 28"  
 R = 2,430.00'  
 T = 314.59'  
 L = 625.70'  
 E = 20.28'  
 e = 0.051  
 T.R. = 48.75  
 S.E. RUN = 165.75  
 P.C. STA. = 557+11.10  
 P.T. STA. = 563+36.80

**Curve B**

PI STA. = 782+32.17  
 $\Delta$  = 49° 08' 44" (RT)  
 D = 2° 59' 42"  
 R = 1,913.07'  
 T = 874.77'  
 L = 1,640.94'  
 E = 190.51'  
 e = 0.052  
 T.R. = 48.75  
 S.E. RUN = 169  
 P.C. STA. = 773+57.40  
 P.T. STA. = 789+98.34

**Curve C**

PI STA. = 851+13.93  
 $\Delta$  = 47° 20' 28" (LT)  
 D = 2° 59' 33"  
 R = 1,914.71'  
 T = 839.33'  
 L = 1,582.05'  
 E = 175.88'  
 e = 0.052  
 T.R. = 48.75  
 S.E. RUN = 169  
 P.C. STA. = 842+74.60  
 P.T. STA. = 858+56.65

**Curve D**

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		DRAWN - CNOLASCO	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.	(139,140)RS-5,SW	BUREAU	23	13
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66L57									
	PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISED -		ILLINOIS FED. AID PROJECT									

PERMANENT SURVEY MARKER TABLE						
MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
A092217	SW CORNER SECTION 10, T18N, R9E, 4TH PM	1/2 MI E OF ILL RTE 26 INTERSECTION	SURVEY NAIL	TYPE 1	YES	1
092215	NW CORNER SECTION 14, T18N, R9E, 4TH PM *BURIED MONUMENT TO BE SEARCHED FOR WHEN MILLED, AND IF LOCATED A PSM AND MONUMENT RECORD WILL BE REQUIRED.	2200 E RD INTERSECTION	SURVEY NAIL	*	*	*1
092214	S QTR CORNER SECTION 11, T18N, R9E, 4TH PM *BURIED MONUMENT TO BE SEARCHED FOR WHEN MILLED, AND IF LOCATED A PSM AND MONUMENT RECORD WILL BE REQUIRED.	1/2 MI E OF 2200 E RD INTERSECTION	PK NAIL	*	*	*1
092213	SW CORNER SECTION 12, T18N, R9E, 4TH PM BURIED MONUMENT TO BE SEARCHED FOR WHEN MILLED.	2300 E RD INTERSECTION	MAG SPIKE	TYPE 1	YES	1
092212	S QTR CORNER SECTION 12, T18N, R9E, 4TH PM	2350 E RD INTERSECTION	5"X5" STEEL PLATE	TYPE 1	YES	1
092211	SE CORNER SECTION 12, T18N, R9E, 4TH PM *BURIED MONUMENT TO BE SEARCHED FOR WHEN MILLED, AND IF LOCATED A PSM AND MONUMENT RECORD WILL BE REQUIRED.	2400 E RD INTERSECTION	BURIED STONE	*	*	*1
A092207	SW CORNER SECTION 8, T18N, R10E, 4TH PM	2500 E RD INTERSECTION	STEEL PLATE	TYPE 1	YES	1
092206	N QTR CORNER SECTION 17, T18N, R10E, 4TH PM	CEMETERY ENTRANCE	STEEL PLATE	TYPE 1	YES	1
092205	SE CORNER SECTION 8, T18N, R10E, 4TH PM	2600 E RD INTERSECTION	STEEL PLATE	TYPE 1	YES	1
092204	S QTR CORNER SECTION 9, T18N, R10E, 4TH PM BURIED MONUMENT TO BE SEARCHED FOR WHEN MILLED.	2650 E RD INTERSECTION	SURVEY NAIL	TYPE 1	YES	1
A092203	NE CORNER SECTION 16, T18N, R10E, 4TH PM	1/2 MI E OF 2650 E RD INTERSECTION	STEEL PLATE	TYPE 1	YES	1
092202	S QTR CORNER SECTION 10, T18N, R10E, 4TH PM BURIED MONUMENT TO BE SEARCHED FOR WHEN MILLED.	2750 E RD INTERSECTION	PK NAIL FRAGMENT	TYPE 1	YES	1
092201	NW CORNER SECTION 14, T18N, R10E, 4TH PM	1/2 MI E OF 2750 E RD INTERSECTION	STEEL PLATE	TYPE 1	YES	1
A034551	NW CORNER SECTION 19, T18N, R11E, 4TH PM	US RTE 34 INTERSECTION	RR SPIKE	TYPE 1	YES	1

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.

\*\*\* RE WILL INFORM PLATS AND PLANS OF THE ANTICIPATED MILLING SCHEDULE FOR THE PURPOSE OF LOCATING BURIED MONUMENTS EXPOSED BY THE MILLING \*\*\*

UNKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE FOR TYPE 1 CORING AND SET THE OTHER LISTED MONUMENTS.

NOTE: FOR BIDDING PURPOSES NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED. PLATS AND PLANS WILL PREPARE THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:

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

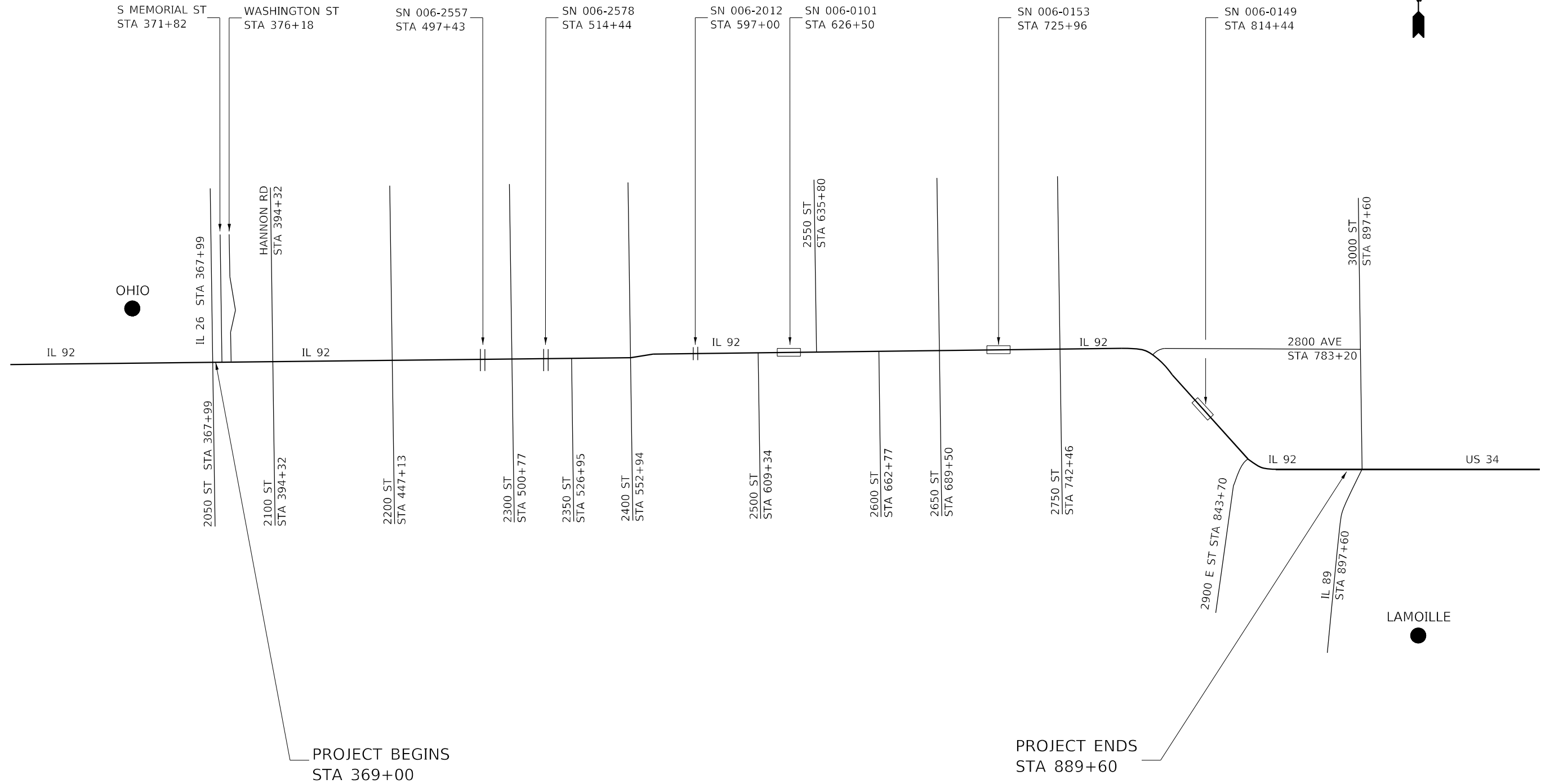
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PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PERMANENT SURVEY MARKER</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	14
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	15
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				









DRAINAGE SCHEDULE

Table with columns: STATION, SIZE/TYPE, STR NO., LOCATION (OFFSET FROM MAINLINE CL FT, FLOW, SIDE), WORK DESCRIPTION, STONE RIPRAP CLASS A3 SQ YD, STONE RIPRAP CLASS A4 SQ YD, FILTER FABRIC SQ YD, BOX CULVERTS TO BE CLEANED FT, EARTH EXCAVATION CU YD, GRADING & SHAPING DITCH FOOT, RESET GRATE EA, TREE REM ACRE, DELINEATORS EA.

SEEDING SCHEDULE

Table with columns: LOCATION, DESCRIPTION, SIDE, LENGTH FOOT, WIDTH FOOT, SEEDING CLASS 1 ACRE, NITROGEN FERTILIZER NUTRIENT (90 LB/ACRE) POUND, PHOSPHORUS FERTILIZER NUTRIENT (90 LB/ACRE) POUND, POTASSIUM FERTILIZER NUTRIENT (90 LB/ACRE) POUND, EROSION CONTROL BLANKET SQ YD.

DITCH CLEANING SCHEDULE

Table with columns: LOCATION, DESCRIPTION, SIDE, LENGTH FOOT, FLOW DIRECTION, GRADING & SHAPING DITCH FOOT.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

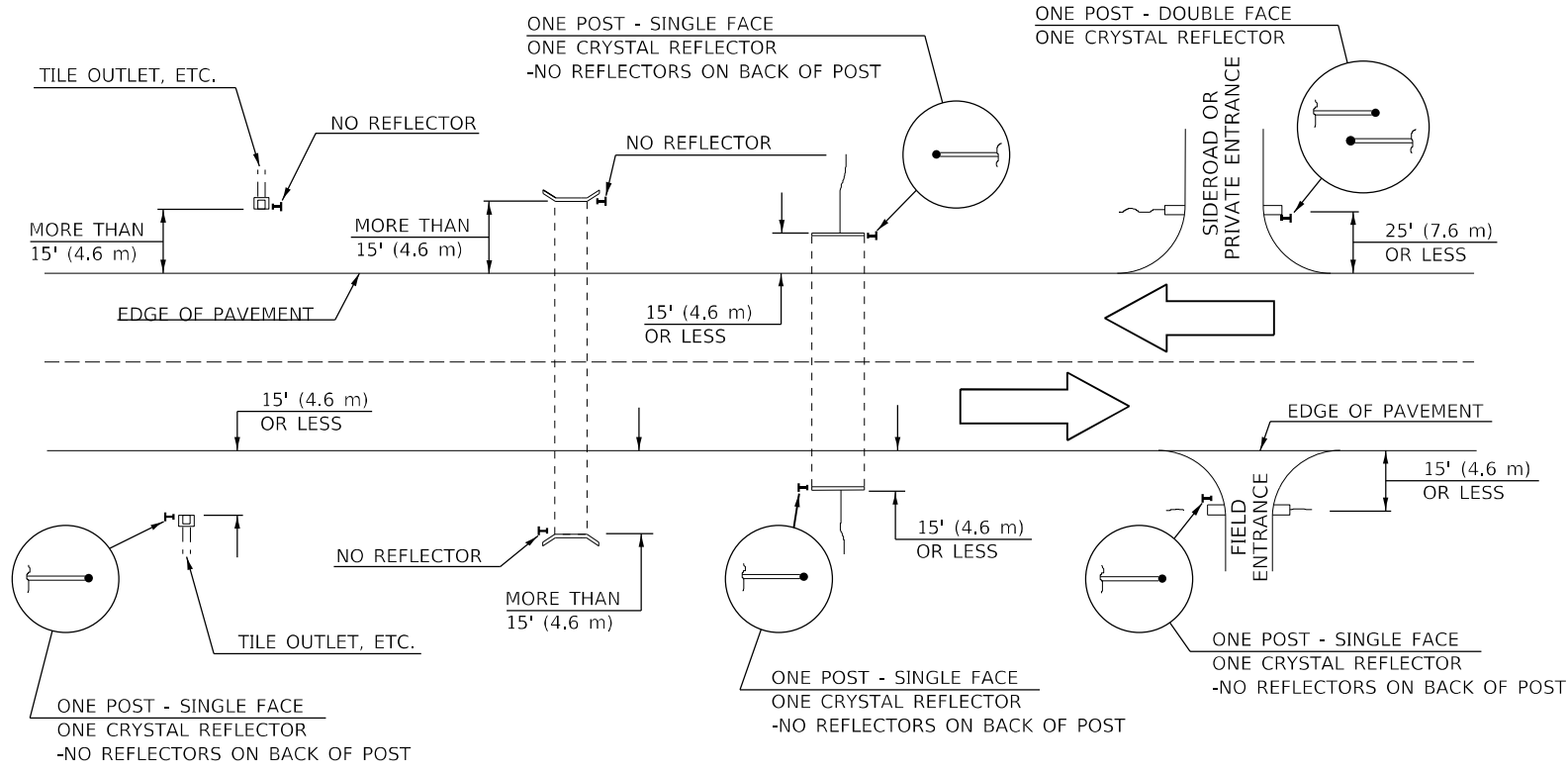
SCHEDULE OF QUANTITIES

Table with columns: USER NAME, DESIGNED, REVISIONS, CHECKED, DATE.

Table with columns: SCALE, SHEET OF SHEETS, STA. TO STA.

Table with columns: F.A.P. RTE., SECTION, COUNTY, BUREAU, TOTAL SHEETS, SHEET NO., CONTRACT NO., ILLINOIS FED. AID PROJECT.

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**IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS**

**BILL OF MATERIALS**

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	49		N/A	46
SINGLE CRYSTAL			TOTAL	46

**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.

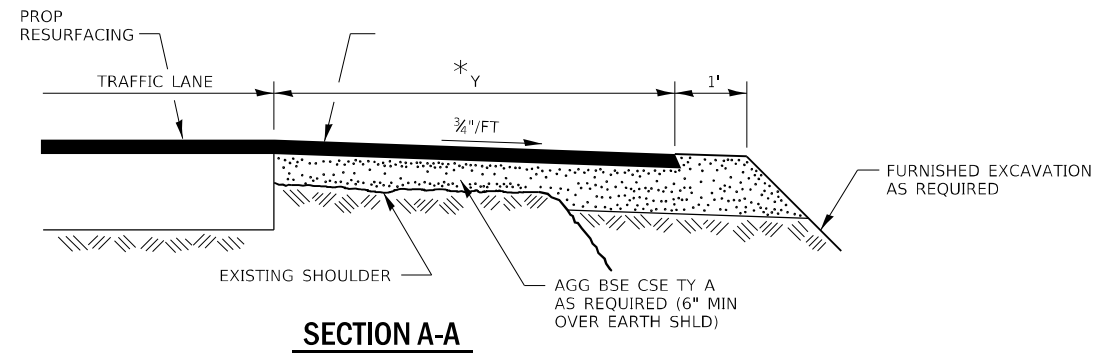
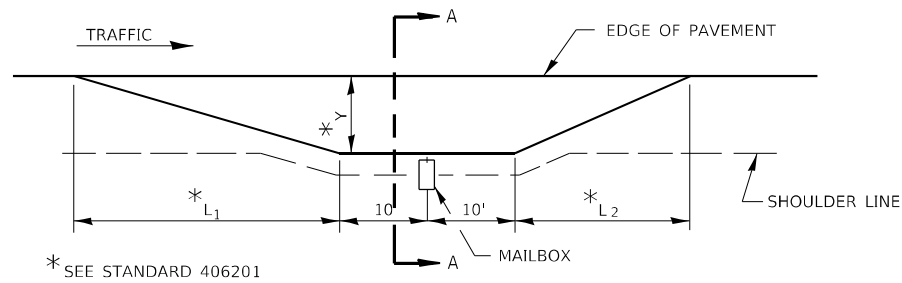
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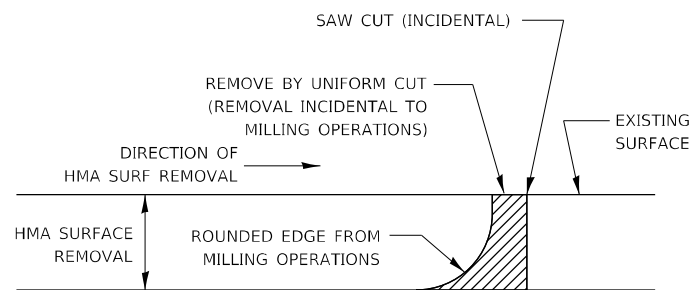
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
587	(139,140)RS-5,SW	BUREAU	23	20
CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				

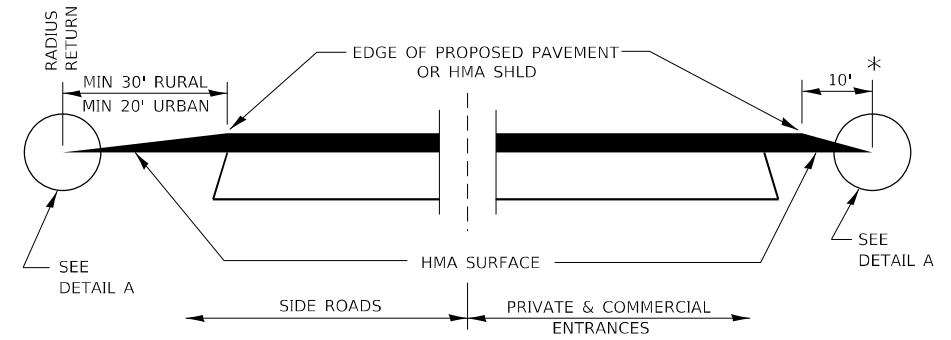


**SECTION A-A**  
**MAILBOX TURNOUT DETAILS**

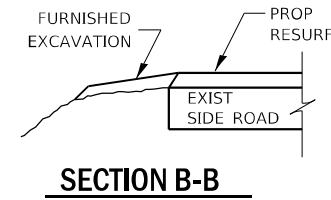


**NOTE:**  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

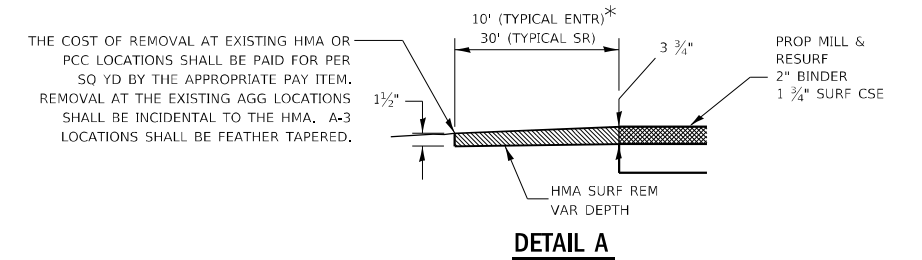
**HMA DETAIL AT BUTT JOINTS**



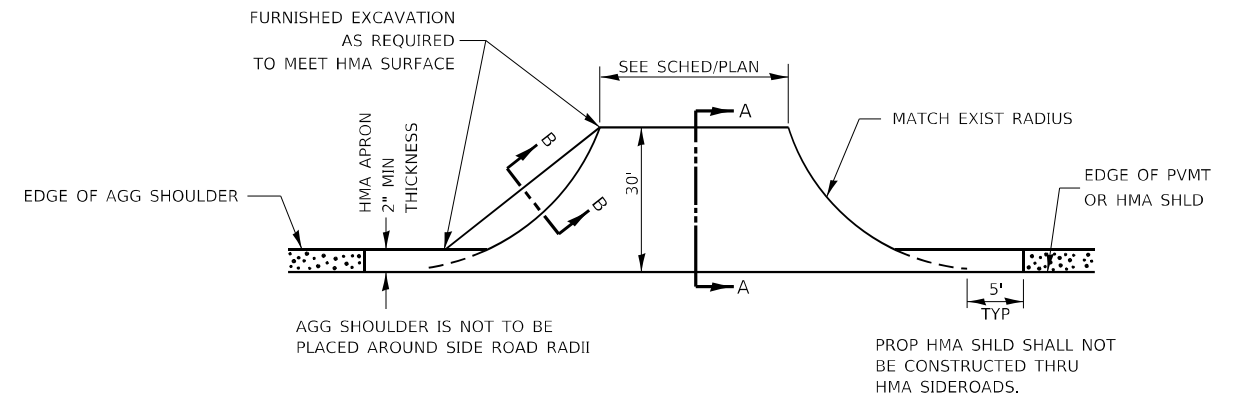
**SECTION A-A**  
**DETAILS AT ENTRANCES & SIDE ROADS**



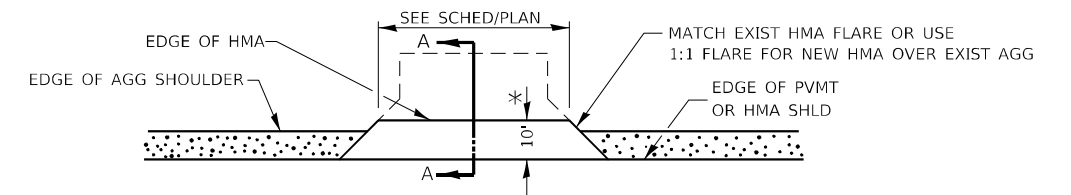
**SECTION B-B**



**DETAIL A**



**PLAN AT SIDE ROADS**



**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**

(DO NOT RESURFACE FIELD ENTRANCES)

\* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

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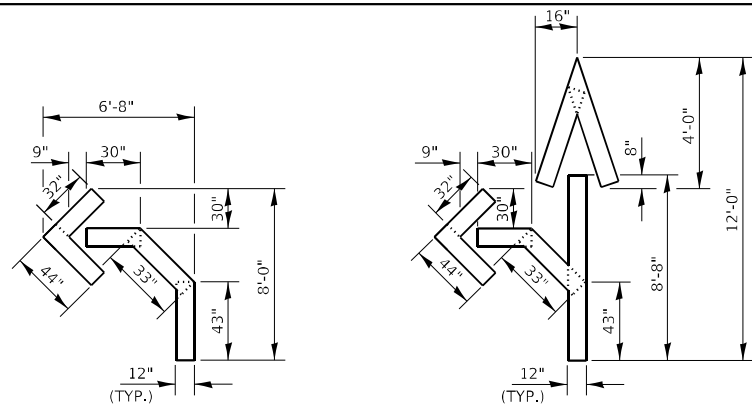
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

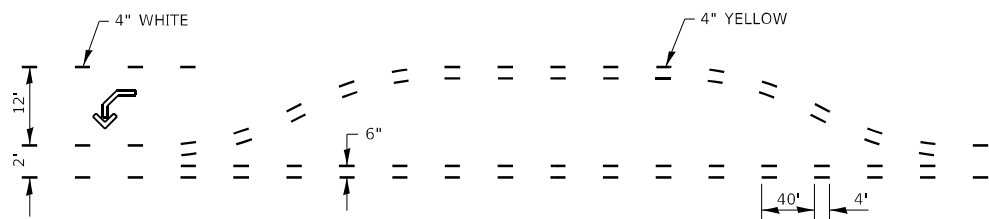
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66L57				
ILLINOIS FED. AID PROJECT				

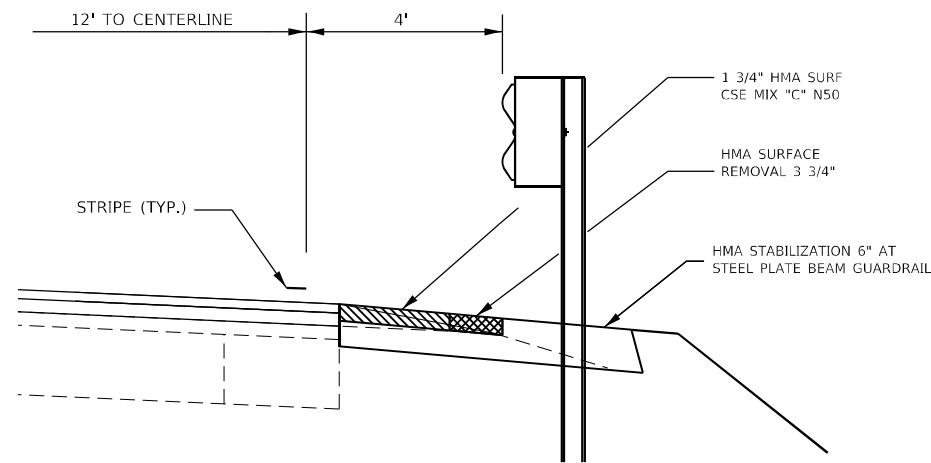


QUANTITY  
12" LINE = 16 LIN FT  
OR 4" LINE = 48 LIN FT

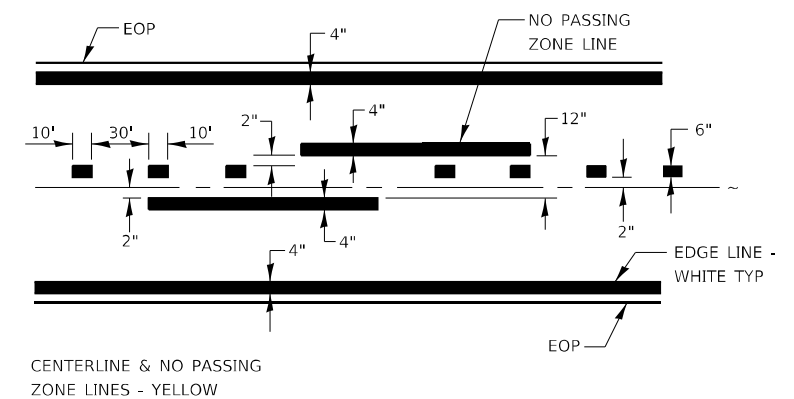
QUANTITY  
12" LINE = 29 LIN FT  
OR 4" LINE = 87 LIN FT



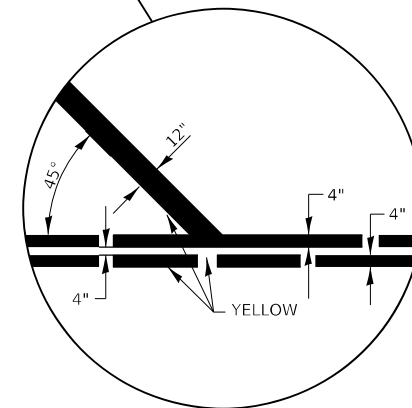
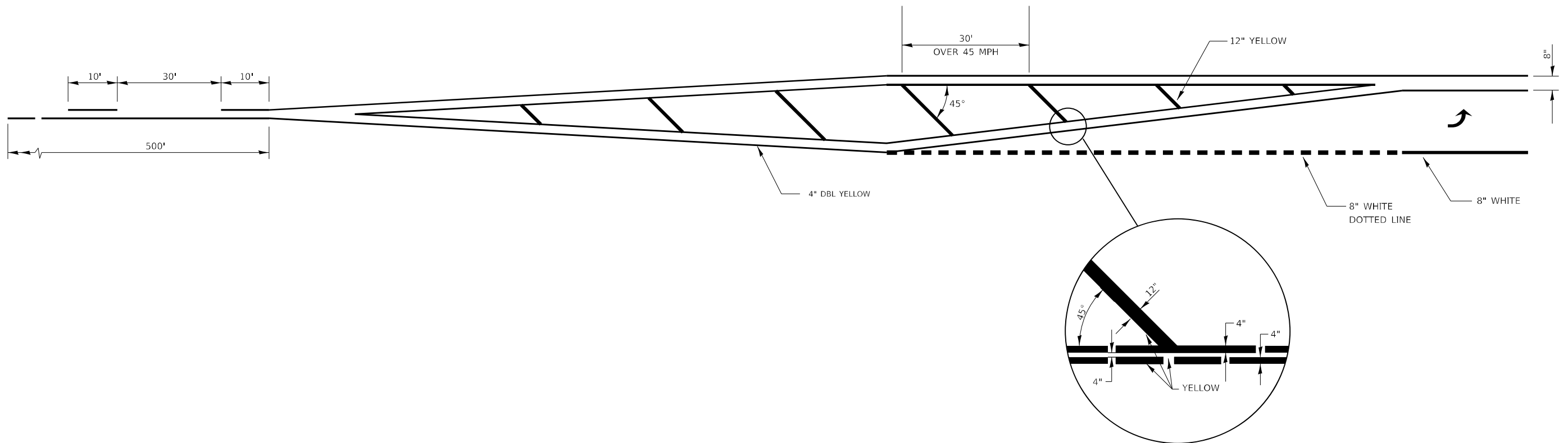
**SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS**



**SHOULDER DETAIL AT  
GUARDRAILS**



**PAVEMENT MARKING**



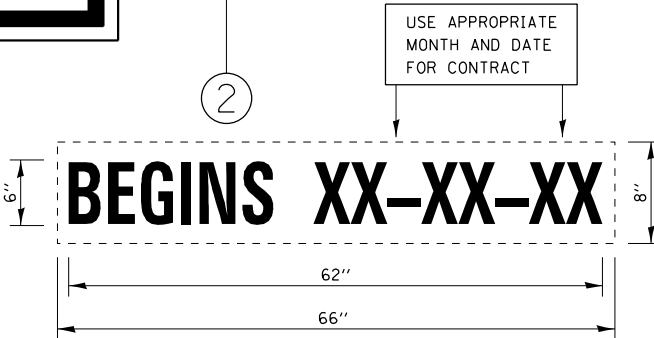
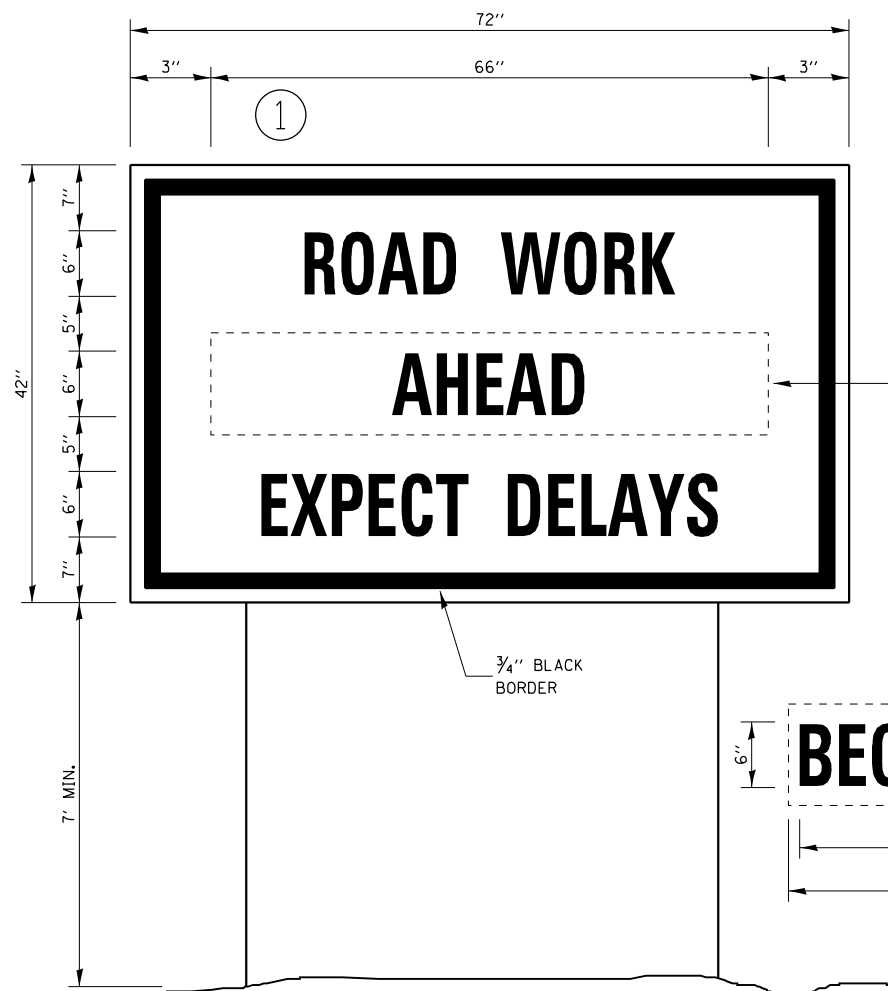
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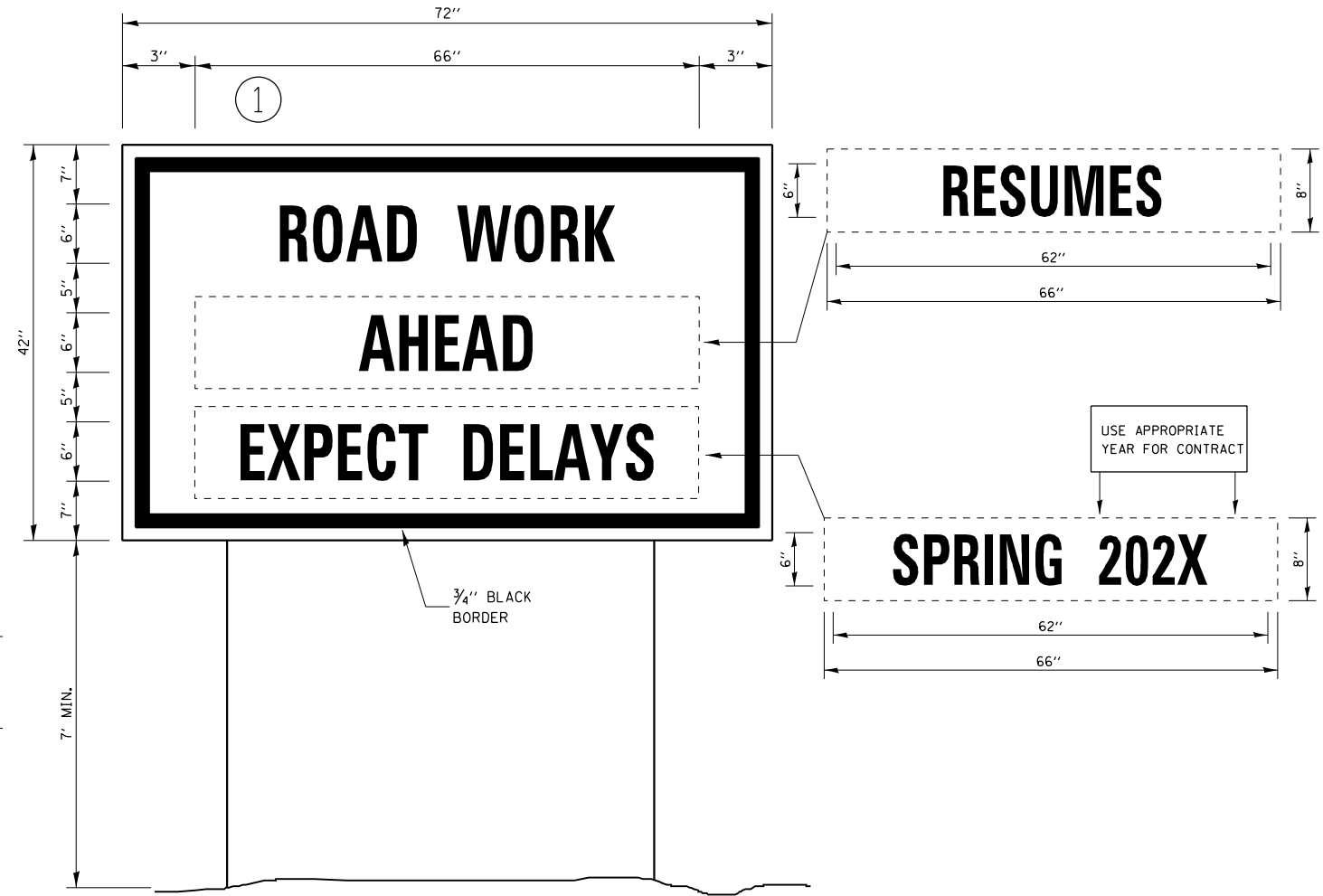
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(139,140)RS-5,SW	BUREAU	23	22
CONTRACT NO. 66L57				
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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	DRAWN - CNOLASCO	REVISED -
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PLOT DATE = 12/16/2021	DATE - 12/15/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(139,140)RS-5,SW	BUREAU	23	23
			CONTRACT NO. 66L57	
ILLINOIS FED. AID PROJECT				