

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312, 331	122, 123, 130 (SR-1, RS-6); (101, 102) SR-1	JACKSON	20	1
ILLINOIS			CONTRACT NO. 78864	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED HIGHWAY PLANS

**FAP ROUTE 312 / FAP 331 (IL 3 / IL 149)
SECTION (122, 123, 130)SR-1, RS-6; (101, 102)SR-1
FEDERAL PROJECT NO. HSIP-NHPP-UBLT(047)**

RESURFACING SAFETY SHOULDERS JACKSON COUNTY

STATION EQUATIONS

- 18 + 68.36BK = 18 + 73.45AH - IL 149
- 60 + 27.97BK = 60 + 33.34AH - IL 149
- 158 + 50.50BK = 158 + 62.14AH - IL 149
- 210 + 76.50BK = 210 + 84.03AH - IL 149
- 326 + 38.26BK = 326 + 58.86AH - IL 149
- 327 + 82.18BK = 346 + 74.30AH - IL 149
- 366 + 31.20BK = 366 + 40.40AH - IL 149

- 424 + 32.12BK = 0 + 32.12AH - IL 3
- 195 + 00.00BK = 194 + 90.20AH - IL 3
- 225 + 85.96BK = 226 + 00.00AH - IL 3
- 271 + 72.54BK = 271 + 84.85AH - IL 3
- 526 + 13.80BK = 526 + 15.50AH - IL 3

TRAFFIC DATA

IL-149: 2019 ADT 2,300
IL-3: 2019 ADT 2,500

TOWNSHIPS


- DEGOGNIA T8S R5W
- KINKAID T8S R4W
- FOUNTAIN BLUFF T9S R4W
- SAND RIDGE T9S R3W
- MURPHYSBORO T9S R2W

POSTED SPEED: 55 MPH
45 MPH

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

PROJECT ENGINEER SUSAN POE
PROJECT DESIGNER JAKE WARREN

CONTRACT NO. 78864


 Peter Smit
 License Expires 11-30-2021

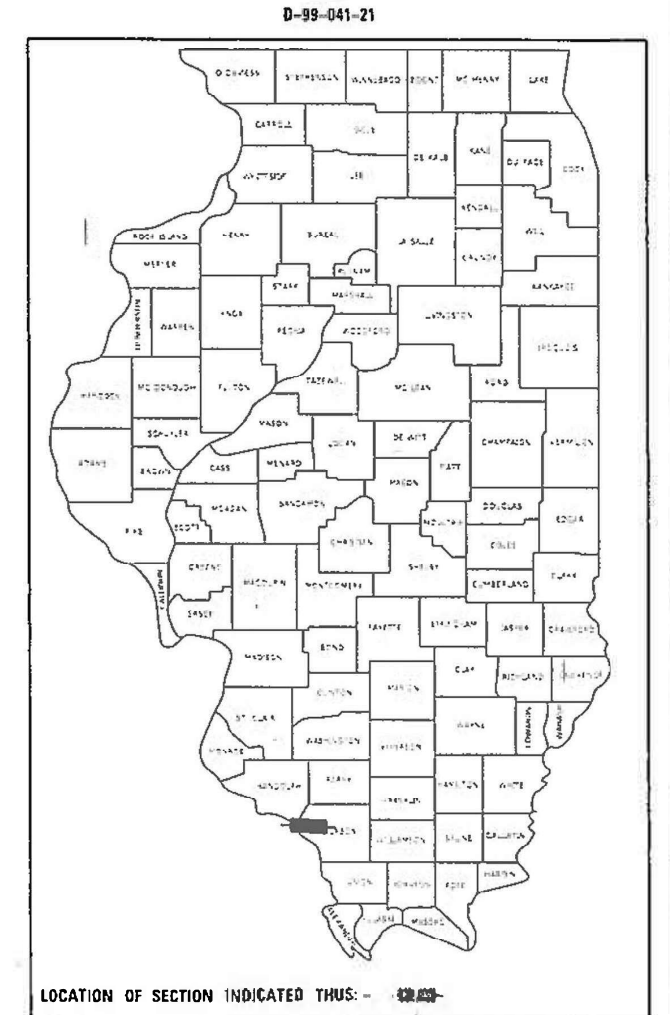
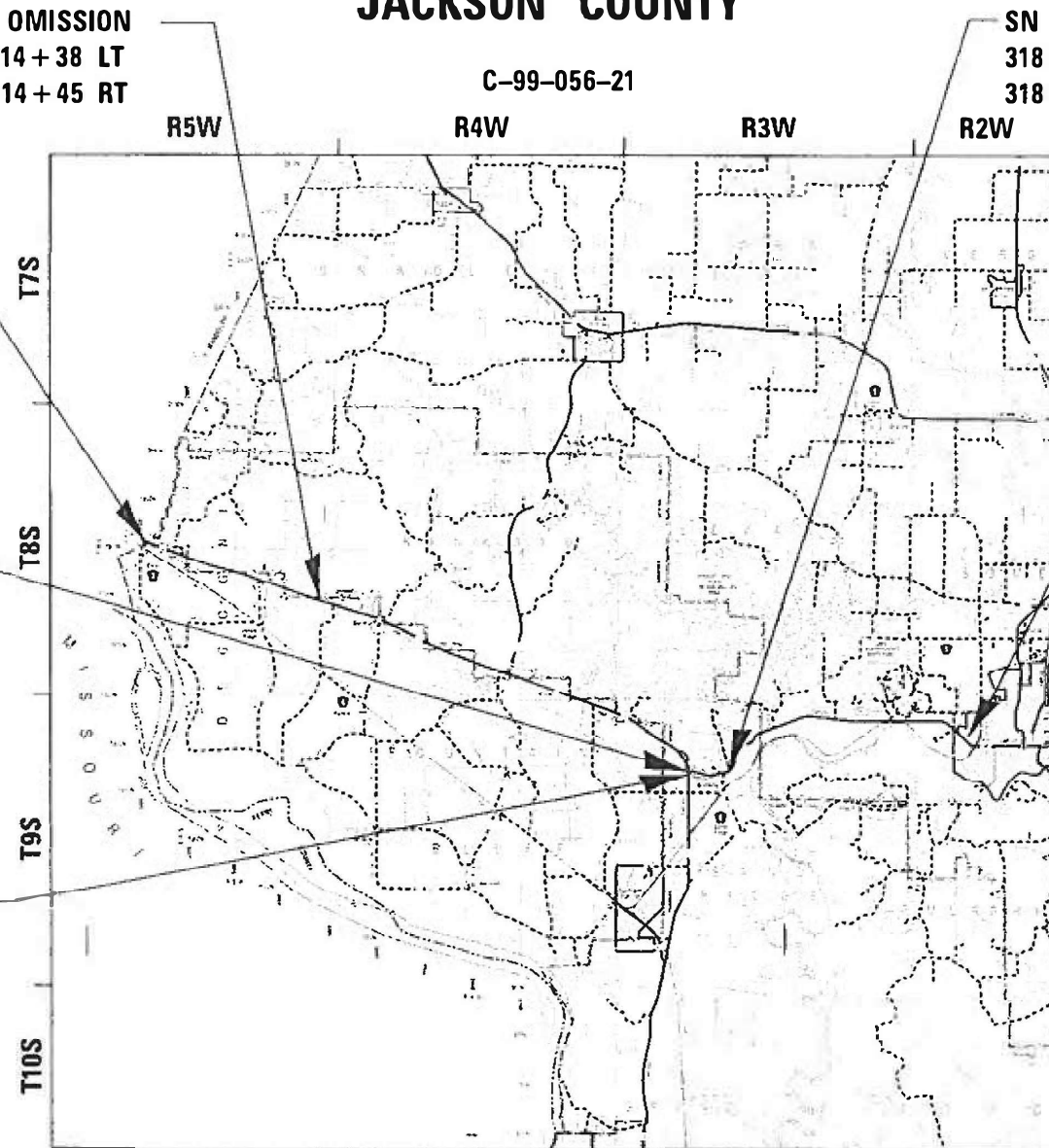
SN 039-0066 OMISSION
412 + 79 TO 414 + 38 LT
412 + 89 TO 414 + 45 RT

SN 039-0056 OMISSION
318 + 87 TO 321 + 25 LT
318 + 77 TO 321 + 15 RT

PROJECT ENDS AT
IL 3 STA. 621 + 92

PROJECT ENDS AT
IL 149 STA. 386 + 90

PROJECT BEGINS AT
IL 3 STA. 382 + 63



PROJECT BEGINS AT
IL 149 STA. 11 + 73

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25 2021
Kush Roberts REGION FIVE ENGINEER

August 13, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

August 13, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

GROSS LENGTH - IL 3 = 66,312 FT. = 12.56 MILES
IL 149 = 35,609 FT. = 6.74 MILES
NET LENGTH - IL 3 = 66,153 FT. = 12.53 MILES
IL 149 = 35,371 FT. = 6.70 MILES

 ESI CONSULTANTS, LTD.
A PROFESSIONAL CORPORATION
1000 WEST 10TH STREET, SUITE 100
MILWAUKEE, WISCONSIN 53233

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy [Signature]
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Camie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: _____
DISTRICT OPERATIONS ENGINEER

Examined By: Kurt Robert [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

PLOT DATE = 6/15/2021
PLOT SCALE = 1/4" = 100' / In.
USER NAME = PSMIT
DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -
REVISED -
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SIGNATURE SHEET
SCALE: SHEET OF SHEETS STA. TO STA.
F.A.P. RTE. 312, 331 SECTION 122, 123, 130 (SR-1, RS-6); (101, 102) SR-1 COUNTY JACKSON TOTAL SHEETS 19 SHEET NO. 2 CONTRACT NO. 78864 ILLINOIS FED. AID PROJECT

USER NAME = PSMIT	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 1/4" = 100' / In.	DATE -	REVISED -
PLOT DATE = 6/15/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 312, 331	SECTION 122, 123, 130 (SR-1, RS-6); (101, 102) SR-1	COUNTY JACKSON	TOTAL SHEETS 19	SHEET NO. 2
CONTRACT NO. 78864				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, STRUCTURES, COMMITMENTS
4	GENERAL NOTES, MIX DESIGN
5-6	SUMMARY OF QUANTITIES
7-8	TYPICAL SECTIONS: IL 3
9-10	TYPICAL SECTIONS: IL 149
11-16	SCHEDULES
17-20	DETAIL SHEETS

HIGHWAY STANDARDS

000001-08_STANDARDSYMBOLSABBREVIATIONS&PATTERNS-001
 001006_DECIMALOFINCH&FOOT
 442201-03_CLASSC&DPATCHES
 642006-01_SHOULDERRUMBLESTRIP8IN-240
 701006-05_OFFRDOP-2L2W-15FTTOEOP
 701301-04_LNCLOSURE2L2W-SHORTTIMEOP
 701306-04_LNCLOSURE2L2W-SLOWMOVEOPDAYONLY45MPHORMORE
 701311-03_LNCLOSURE2L2W-MOVINGOPDAYONLY
 701326-04_LNCLOSURE2L2W-PVMTWIDENING45MPHORMORE
 701336-07_LNCLOSURE2L2W-WORKAREASIN SERIES45MPHORMORE
 701901-08_TRAFCNTRLDEVICES
 780001-05_TYPICALPVMTMRKINGS
 781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS

MTD CROSSING RESTRICTIONS TABLE

ROUTE (312) SN & CENTERLINE STATION	EXISTING FILL HEIGHT OVER BOX CULVERT FOOT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT FOOT	MTD CROSSING RESTRICTIONS	
				SN 039-0066
SN 039-2013	STA 530+10	1	1.17	DO NOT CROSS
SN 039-2028	STA 476+15	2.1	0.83	Emptied - Max Gross Weight = 40 Tons
SN 039-2029	STA 370+74	1.9	0.83	Emptied - Max Gross Weight = 40 Tons
SN 039-7016	STA 573+06	1.3	1.17	Emptied - Max Gross Weight = 25 Tons
SN 039-7097	STA 392+45	2.5	1.17	DO NOT CROSS

MODEL: D:\p1\h\...
 FILE NAME: N:\projects\homer\5\h\h\p1\188-03\Work\Order_3121845_IL_314_149\CADD\Civil\CADD_Drawing\188-03\188-03-STA-CV-Sum_Indices.dgn

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, STRUCTURES, STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1.0000' / in.	DRAWN - 6/15/2021	REVISIED -			312; 331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	3	
PLOT DATE = 6/23/2021	CHECKED - 6/22/2021	REVISIED -			CONTRACT NO. 78864					
	DATE -	REVISIED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
					ILLINOIS FED. AID PROJECT					

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD
Number of Roller Passes	NA

Location(s):	Hot_Mix Asphalt Binder
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-9.5FG
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Mixture Gradation)	IL 9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD
Number of Roller Passes	NA

Location(s):	Incidental HMA Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-19mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	NA
Number of Roller Passes	NA

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS/SQ. FT.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

COMMITMENTS: NONE

HMA MIXTURE REQUIREMENTS TABLES - CONT

The following HMA mixture requirements are applicable for this project

Location(s):	Hot-Mix Asphalt Shoulders, 8" (Top Lift)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N30, IL-9.5L
AB/PG:	PG64-22
ABR % (Max):	See Special Provisions
Design Air Voids:	4.0%, 30 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

Location(s):	Hot-Mix Asphalt Shoulders, 8" (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N30, IL-19.0L
AB/PG:	PG64-22
ABR % (Max):	See Special Provisions
Design Air Voids:	4.0%, 30 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-19.0L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

MODEL: Default
FILE NAME: N:\projects\homer\shh\p1b\188-03a\work_order_3121845_IL_34L_149\CADD\Civil\CADD_Drawing\188-03a\Work_Order_3121845_IL_34L_149.dgn

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021
	DRAWN - 6/15/2021	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED - 6/22/2021	REVISED -
PLOT DATE = 6/23/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, MIXTURE DESIGN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312 331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	4
CONTRACT NO. 78864				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO	JACKSON CO
ROUTE:	FAP 312	FAP 312/FAP 331
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
LOCATION:	RURAL	RURAL
	ROADWAY	ROADWAY
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	1,865		1,865
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	90,488	53,139	37,349
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	553	553	
40600990	TEMPORARY RAMP	SQ YD	168	168	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	5,421	5,421	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	6,538	6,538	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	145	145	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	75,210	75,210	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	2,523	2,523	
44201427	CLASS C PATCHES, TYPE II, 16 INCH	SQ YD	1,140	1,140	
44201431	CLASS C PATCHES, TYPE III, 16 INCH	SQ YD	52	52	
44201433	CLASS C PATCHES, TYPE IV, 16 INCH	SQ YD	186	186	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,534	1,534	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	82,948		82,948
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	195,689		195,689
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	2	2

MODEL: Default
FILE NAME: \\projects\chrcor\shhrr\pfb\198-02\work\02abr_2021\845 IL 311 149\CADD\CIV\CADD_Drawing\0278864-SHB-TYP-501.Tbx_Geopaklements.dgn

REV. - MS

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 5.0000' / in.	CHECKED - 6/22/2021	REVISED -			312; 331	122, 123, 130 (SR-1, RS-6); (101, 102) SR-1	JACKSON	20	5	
PLOT DATE = 6/29/2021	DATE -	REVISED -			CONTRACT NO. 78864					
					ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON CO	JACKSON CO
ROUTE:	FAP 312	FAP 312/FAP 331
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
LOCATION:	RURAL	RURAL
	ROADWAY	ROADWAY
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	10	20
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	28	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,025	2,025	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	900	900	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	65,878	65,878	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	65,878	65,878	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	337	337	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	337	337	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	22,000	22,000	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	26,785	26,785	
Z0034105	MATERIAL TRANSFER DEVICE	TON	11,959	11,959	

* SPECIALTY ITEM

MODEL: Default
FILE NAME: N:\projects\homer 5\h5\p1\188-03\work Order 3121845_IL 341_149\CADD\Civil\CADD_Drawing\188-03\188-03-SB-Tip_Sch_Ties_GeopackElements.dgn

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021
PLOT SCALE = 5.0000 ' / in.	DRAWN - 6/15/2021	REVISED - 6/29/2021
PLOT DATE = 6/29/2021	CHECKED - 6/22/2021	REVISED -
	DATE -	REVISED -

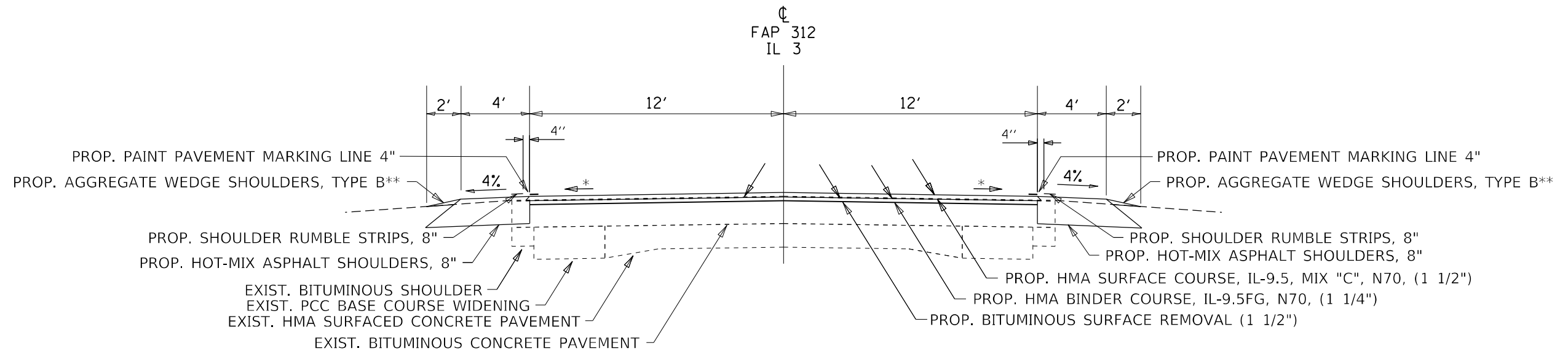
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312 331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	6
CONTRACT NO. 78864			ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS



PROPOSED SHOULDER:

STA. 352+00 TO STA. 369+09 LT
 STA. 373+08 TO STA. 392+41 LT
 STA. 392+49 TO STA. 407+60 LT
 STA. 417+80 TO STA. 474+53 LT
 STA. 478+54 TO STA. 530+00 LT
 STA. 530+20 TO STA. 573+00 LT
 STA. 573+14 TO STA. 619+00 LT

RESURFACING:

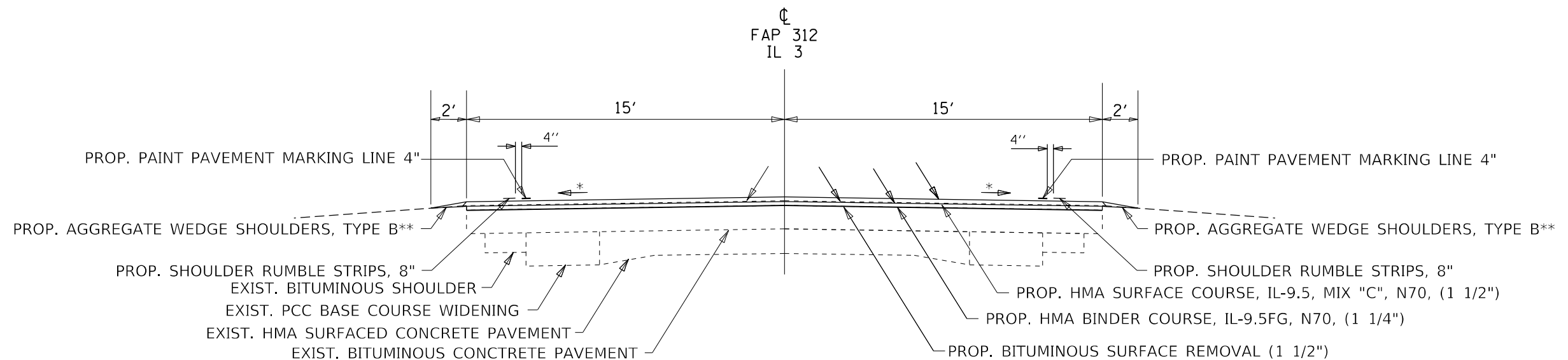
STA. 352+00 TO STA. 369+09
 STA. 373+05 TO STA. 392+41
 STA. 392+49 TO STA. 407+63
 STA. 417+51 TO STA. 474+53
 STA. 477+47 TO STA. 530+00
 STA. 530+20 TO STA. 573+00
 STA. 573+14 TO STA. 619+00

PROPOSED SHOULDER:

STA. 352+00 TO STA. 369+09 RT
 STA. 373+05 TO STA. 392+41 RT
 STA. 392+49 TO STA. 407+82 RT
 STA. 417+50 TO STA. 474+53 RT
 STA. 477+79 TO STA. 530+00 RT
 STA. 530+20 TO STA. 573+00 RT
 STA. 573+14 TO STA. 619+00 RT

GENERAL NOTES

REMOVE PAVEMENT BEYOND EX. PAVEMENT MARKING LINE. NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL.



PROPOSED RUMBLE STRIP:

STA. 407+60 TO STA. 412+79 LT
 STA. 414+38 TO STA. 417+80 LT

RESURFACING:

STA. 407+63 TO STA. 412+86
 STA. 414+42 TO STA. 417+51

PROPOSED RUMBLE STRIP:

STA. 407+82 TO STA. 412+89 RT
 STA. 414+45 TO STA. 417+50 RT

* - MATCH EXISTING PAVEMENT CROSS SLOPE
 ** - TO BE USED WHEREVER EDGE OF PROPOSED HMA SHOULDER OR RESURFACING ENDS ABOVE EXISTING GRADE

MODEL: D:\default... FILE NAME: P:\uplanroom... PROJECT: 78864... OFFICE: DISTRICT 9... DATE: 8/4/2021

USER NAME = Warren	DESIGNED - 6/15/2021	REVISED - 6/23/2021
	DRAWN - 6/15/2021	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - 6/22/2021	REVISED -
PLOT DATE = 8/4/2021	DATE -	REVISED -

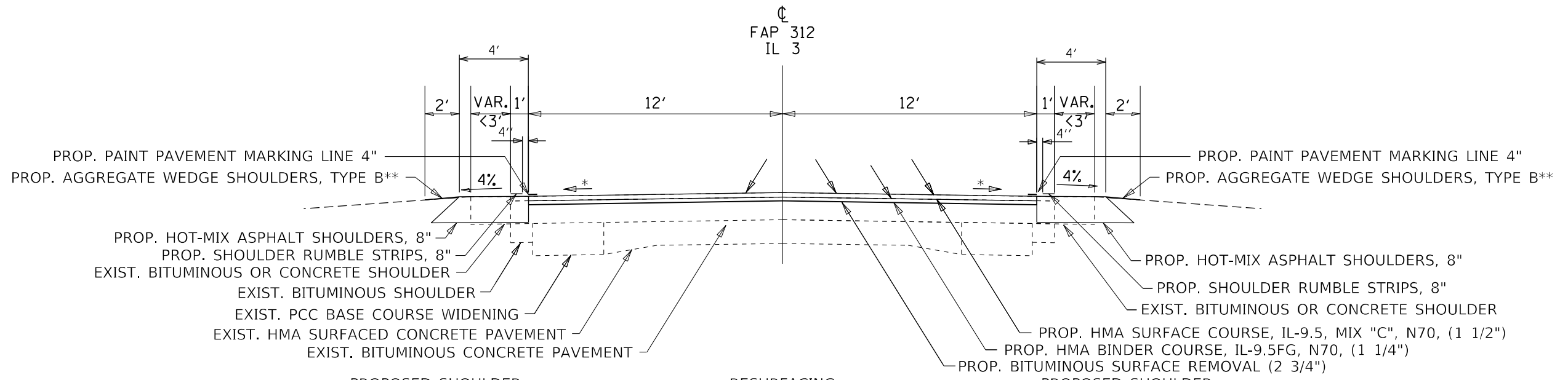
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312-331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	7
CONTRACT NO. 78864			ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS



PROPOSED SHOULDER:

STA. 392+41 TO STA. 392+49 LT
 STA. 474+53 TO STA. 474+57 LT
 STA. 530+00 TO STA. 530+20 LT
 STA. 573+00 TO STA. 573+14 LT
 STA. 619+00 TO STA. 621+29 LT

SHOULDER OMISSION:

STA. 621+29 TO STA. 621+92 LT

RESURFACING:

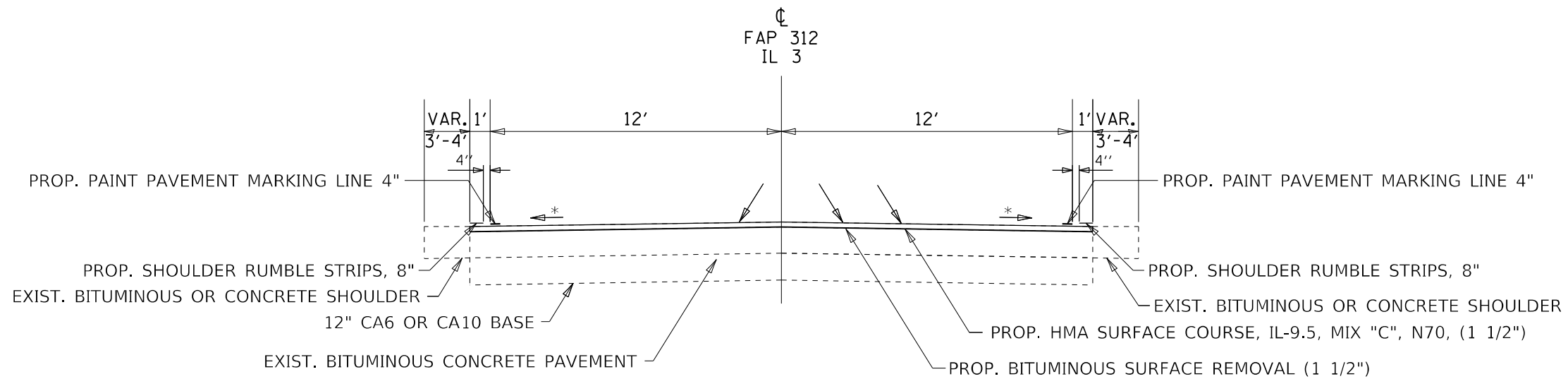
STA. 369+09 TO STA. 370+35
 STA. 371+19 TO STA. 373+05
 STA. 392+41 TO STA. 392+49
 STA. 474+53 TO STA. 475+83
 STA. 476+51 TO STA. 477+47
 STA. 530+00 TO STA. 530+20
 STA. 573+00 TO STA. 573+14
 STA. 619+00 TO STA. 621+92

PROPOSED SHOULDER:

STA. 372+27 TO STA. 373+05
 STA. 392+41 TO STA. 392+49
 STA. 474+53 TO STA. 474+60
 STA. 530+00 TO STA. 530+20
 STA. 573+00 TO STA. 573+14
 STA. 619+00 TO STA. 620+96

GENERAL NOTES

REMOVE PAVEMENT BEYOND EX. PAVEMENT MARKING LINE. NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL.



PROPOSED RUMBLE STRIP:

STA. 369+09 TO STA. 373+08 LT
 STA. 474+57 TO STA. 478+54 LT

RESURFACING:

STA. 370+35 TO STA. 371+19 (039-2029)
 STA. 475+83 TO STA. 476+51 (039-2028)

PROPOSED RUMBLE STRIP:

STA. 369+09 TO STA. 372+27 RT
 STA. 474+60 TO STA. 477+79 RT

* - MATCH EXISTING PAVEMENT CROSS SLOPE
 ** - TO BE USED WHEREVER EDGE OF PROPOSED HMA SHOULDER OR RESURFACING ENDS ABOVE EXISTING GRADE

MODEL: D:\default
 FILE NAME: P:\uplanroom\dot\illinois\poc\PI\DOT\Documents\DOT Office\District 9\Project\78864\CADD\Sheet\ES-0978864-SH-B-Typ_Sch_Ties_GeopackElements.dgn

USER NAME = WarrenJ	DESIGNED - 6/15/2021	REVISED - 6/23/2021
DRAWN - 6/15/2021	REVISIONS	
PLOT SCALE = 10.0000' / in.	CHECKED - 6/22/2021	REVISIONS
PLOT DATE = 8/4/2021	DATE -	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

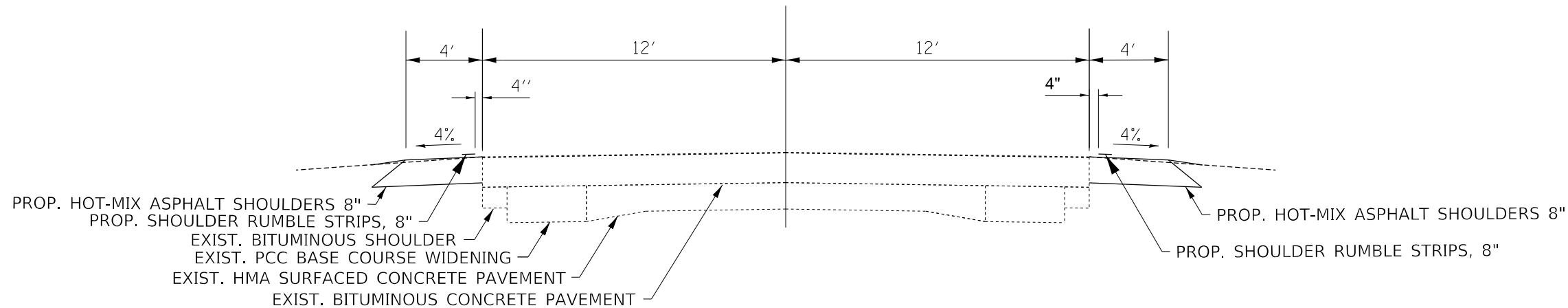
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312 331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	8
CONTRACT NO. 78864				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

CL
FAP 312 / 331
IL 3 / IL 149



PROPOSED SHOULDER - IL 3:
 STA. 382+63 TO STA. 383+78 LT
 STA. 396+15 TO STA. 424+32.12 LT
 STA. 0+32.12 TO STA. 190+88 LT
 STA. 196+85 TO STA. 225+85.96 LT
 STA. 226+00 TO STA. 271+72.54 LT
 STA. 271+84.85 TO STA. 352+00 LT

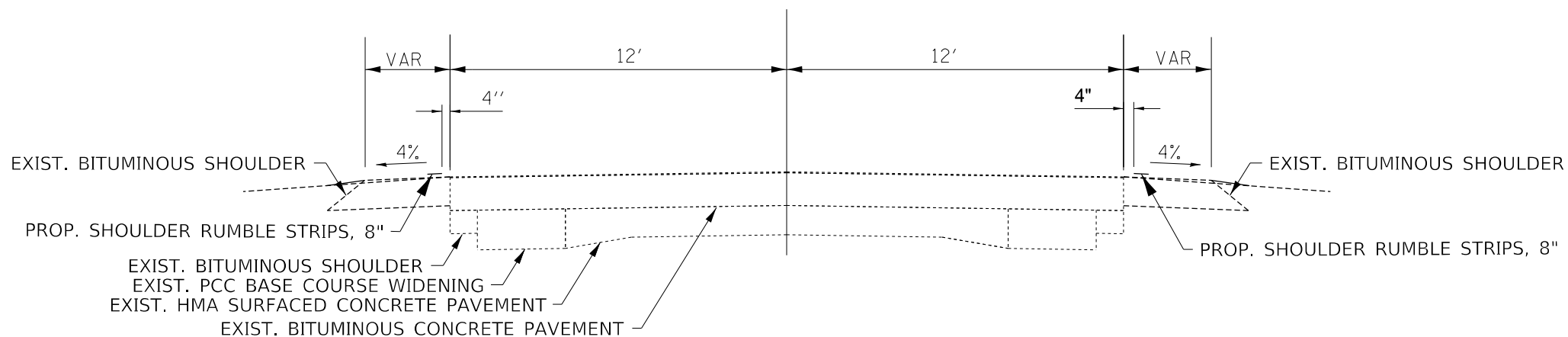
PROPOSED SHOULDER - IL 149:
 STA. 13+39 TO STA. 18+68.36 LT
 STA. 18+73.45 TO STA. 60+27.97 LT
 STA. 60+33.34 TO STA. 107+10 LT
 STA. 109+84 TO STA. 145+23 LT
 STA. 147+75 TO STA. 158+50.50 LT
 STA. 158+62.14 TO STA. 210+76.50 LT
 STA. 210+84.03 TO STA. 218+05 LT
 STA. 225+30 TO STA. 251+69 LT
 STA. 254+03 TO STA. 276+90 LT
 STA. 316+00 TO STA. 318+87 LT
 STA. 321+25 TO STA. 326+38.26 LT
 STA. 326+58.86 TO STA. 327+82.18 LT
 STA. 346+74.30 TO STA. 366+31.20 LT
 STA. 366+40.40 TO STA. 383+59 LT

PROPOSED SHOULDER - IL 3:
 STA. 382+68 TO STA. 384+03 RT
 STA. 396+15 TO STA. 424+32.12 RT
 STA. 0+32.12 TO STA. 190+88 RT
 STA. 194+90 TO STA. 225+85.96 RT
 STA. 226+00 TO STA. 271+72.54 RT
 STA. 271+84.85 TO STA. 352+00 RT

PROPOSED SHOULDER - IL 149:
 STA. 11+73 TO STA. 18+68.36 RT
 STA. 18+73.45 TO STA. 60+27.97 RT
 STA. 60+33.34 TO STA. 100+27 RT
 STA. 109+65 TO STA. 145+23 RT
 STA. 158+62.14 TO STA. 168+31 RT
 STA. 175+15 TO STA. 210+76.50 RT
 STA. 210+84.03 TO STA. 216+25 RT
 STA. 211+15 TO STA. 221+70 RT
 STA. 225+60 TO STA. 307+83 RT
 STA. 326+35 TO STA. 326+38.26 RT
 STA. 326+58.86 TO STA. 327+82.18 RT
 STA. 346+74.30 TO STA. 366+31.20 RT
 STA. 366+40.40 TO STA. 383+59 RT

GENERAL NOTES
 REMOVE ANY PAVEMENT BEYOND EX
 PAVEMENT MARKING LINE. NO
 ADDITIONAL COMPENSATION WILL BE
 MADE FOR REMOVAL.

CL
FAP 312 / 331
IL 3 / IL 149



PROP. RUMBLE STRIPS - IL 3:
 STA. 383+78 TO STA. 396+15 LT
 STA. 190+88 TO STA. 195+00 LT
 STA. 194+90.20 TO STA. 196+85 LT

PROP. RUMBLE STRIPS - IL 149:
 STA. 383+59 TO STA. 386+90.03 LT

PROP. RUMBLE STRIPS - IL 3:
 STA. 384+03 TO STA. 396+15 RT
 STA. 190+88 TO STA. 195+00 RT

PROP. RUMBLE STRIPS - IL 149:
 STA. 168+31 TO STA. 175+15 RT
 STA. 307+83 TO STA. 318+77 RT
 STA. 321+15 TO STA. 326+35 RT
 STA. 383+59 TO STA. 386+90.03 RT

MODEL: Default
 FILE NAME: N:\Projects\Homer_S\Homer_S\HSP\188-02\Work_Order_312-149_IL_3_IL_149\CADD\Civil\CADD_Drawing\188-02\Work_Order_312-149_IL_3_IL_149\CADD\Civil\CADD_Drawing\188-02\HSP-Typ_Sol_Ties_GeopackElements.dgn

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021
	DRAWN - 6/15/2021	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED - 6/22/2021	REVISED -
PLOT DATE = 6/23/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

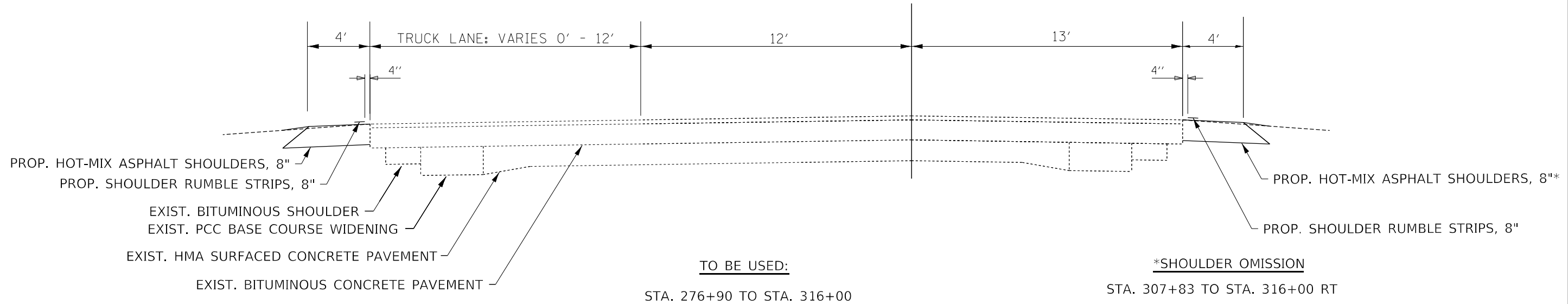
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312 / 331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	9
CONTRACT NO. 78864			ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS

⊥
FAP 331
IL 149



MODEL: Default
FILE NAME: N:\Projects\Homer_S\HHS\PTB_188-03A\Work_Order_3121845_IL_341_149\CADD\Civil\CADD_Drawing\188-03A-188-03A-SH-TYP-50_Ties_GroupaElements.dgn

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021
	DRAWN - 6/15/2021	REVISED -
PLOT SCALE = 5.0000 ' / in.	CHECKED - 6/22/2021	REVISED -
PLOT DATE = 6/23/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312-331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	10
CONTRACT NO. 78864				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION			PAVEMENT WIDTH	PAVEMENT LENGTH	HOT MIX ASPHALT SURFACE REMOVAL, 1-1/2"	HOT MIX ASPHALT REMOVAL, 2-3/4"	HOT MIX ASPHALT BINDER COURSE, N70, IL9.5FG	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N70, IL 9.5	BITUMINOUS MATERIAL (TACK COAT)	LONGITUDINAL JOINT SEALANT	HMA SURFACE REMOVAL - BUTT JOINT	AGGREGATE WEDGE SHOULDER, TYPE B	TEMPORARY RAMP	NOTES
STA.	To	STA.	FOOT	FOOT	SQ YD	SQ YD	TON	TON	POUND	FOOT	SQ YD	TON	SQ YD	
352+00	To	352+25	26	25							87		27	
352+00	To	369+09	26	1709	4938		346	415	3333	1709		98		
369+09	To	370+35	26	126		364	26	31	246	126		8		
370+35	To	371+19	26	84	243			21	164	84			26	SN 039-2029
371+19	To	373+05	26	186		538	38	46	363	186		12		
373+05	To	392+41	26	1936	5593		392	470	3776	1936		112		
392+41	To	392+49	26	8		24	2	2	16	8				SN 039-7097
392+49	To	407+63	26	1514	4374		307	368	2953	1514		88		
407+63	To	412+61	30	498	1660		117	140	1121	498		30		
412+61	To	412+86	30	25							100		31	
412+86	To	414+42	26	156										SN 039-0066 BRIDGE OMISSION
414+42	To	414+67	30	25							100		31	
414+67	To	417+51	30	284	947		67	80	639	284		18		
417+51	To	474+53	26	5702	16473		1154	1384	11119	5702		326		
474+53	To	475+83	26	130		376	27	32	254	130		8		
475+83	To	476+51	26	68	197			17	133	68			26	SN 039-2028
476+51	To	477+47	26	96		278	20	24	188	96		6		
477+47	To	526+13.80	26	4866.8	14060		985	1182	9491	4867		278		
526+13.8BK = 526+15.5AH														STATION EQUATION
526+15.50	To	530+00	26	384.5	1111		78	94	750	385		22		
530+00	To	530+20	26	20		58	5	5	39	20		2		SN 039-2013
530+20	To	573+00	26	4280	12365		866	1039	8346	4280		244		
573+00	To	573+14	26	14		41	3	4	28	14		2		SN 039-7016
573+14	To	619+00	26	4586	13249		928	1113	8943	4586		262		
619+00	To	621+92	26	292		844	60	71	570	292		18		
621+67	To	621+92	26	25									27	
TOTAL					75210	2523	5421	6538	52472	26785	287	1534	168	

MODEL: D:\rsurf\p\p\uplanroom\da\Illinois\p\p\DOT\Documents\DOT Office\District 9\Project\78864\CADD\Sheet\RESURFING\RS-6.dgn, User: geopal@element.sdn

USER NAME = Warren	DESIGNED - 6/15/2021	REVISED - 6/23/2021
PLOT SCALE = 10.0000' / in.	CHECKED - 6/22/2021	REVISED - _____
PLOT DATE = 8/4/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312-331	122, 123, 130 (SR-1, RS-6) (101, 102) SR-1	JACKSON	20	11
CONTRACT NO. 78864				
ILLINOIS		FED. AID PROJECT		

ENTRANCE SCHEDULE - IL 3

LOCATION			EXISTING SURFACE TYPE	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL BUTT JOINT	REMARKS
SIDE	STATION	ENTRANCE TYPE		SQ FT	TONS	POUND	SQ YD	
RT	363+90	PRIVATE ENTRANCE	AGGREGATE	206	2	10.3		
RT	374+00	PRIVATE ENTRANCE	AGGREGATE	164	2	8.2		
RT	392+00	PRIVATE ENTRANCE	AGGREGATE	450	5	22.5		
RT	395+72	PRIVATE ENTRANCE	AGGREGATE	878	9	43.9		
RT	402+23	PRIVATE ENTRANCE	AGGREGATE	192	2	9.6		
LT	405+31	KORANDO LN	O&C	578	6	28.9	64.3	
RT	410+38	PRIVATE ENTRANCE	AGGREGATE	208	2	10.4		
RT	411+92	PRIVATE ENTRANCE	AGGREGATE	88	1	4.4		
RT	415+35	PRIVATE ENTRANCE	AGGREGATE	112	2	5.6		
LT	425+00	PRIVATE ENTRANCE	AGGREGATE	590	6	29.5		
RT	427+31	PRIVATE ENTRANCE	AGGREGATE	138	2	6.9		
RT	432+02	PRIVATE ENTRANCE	BITUMINOUS	232	3	11.6		
LT	439+82	PRIVATE ENTRANCE	BITUMINOUS	130	2	6.5		
LT	441+00	PRIVATE ENTRANCE	BITUMINOUS	392	4	19.6		
RT	441+91	PRIVATE ENTRANCE	BITUMINOUS	222	3	11.1		
RT	445+81	PRIVATE ENTRANCE	BITUMINOUS	200	2	10		
RT	447+60	PRIVATE ENTRANCE	AGGREGATE	272	3	13.6		
RT	457+10	PRIVATE ENTRANCE	AGGREGATE	228	3	11.4		
RT	458+00	PRIVATE ENTRANCE	AGGREGATE	184	2	9.2		
RT	469+29	PRIVATE ENTRANCE	BITUMINOUS	246	3	12.3		
RT	476+85	WALNUT RD	O&C	0	0	0	0	OUTSIDE CONCRETE SHOULDER
RT	478+91	PRIVATE ENTRANCE	AGGREGATE	332	4	16.6		
RT	484+53	PRIVATE ENTRANCE	AGGREGATE	216	3	10.8		
LT	487+44	COMMERCIAL	AGGREGATE	824	8	41.2		
RT	488+00	PRIVATE ENTRANCE	AGGREGATE	298	3	14.9		
LT	489+56	ONES RIDGE RD	O&C	1080	11	54	120	
RT	494+00	PRIVATE ENTRANCE	AGGREGATE	204	2	10.2		
RT	495+74	PRIVATE ENTRANCE	AGGREGATE	368	4	18.4		
RT	529+95	PRIVATE ENTRANCE	AGGREGATE	292	3	14.6		
RT	529+81	PRIVATE ENTRANCE	BITUMINOUS	304	3	15.2		
RT	531+70	PRIVATE ENTRANCE	AGGREGATE	352	4	17.6		
RT	545+44	PRIVATE ENTRANCE	AGGREGATE	268	3	13.4		
RT	554+21	PRIVATE ENTRANCE	AGGREGATE	116	2	5.8		
RT	572+57	PRIVATE ENTRANCE	AGGREGATE	246	3	12.3		
RT	574+60	PRIVATE ENTRANCE	AGGREGATE	284	3	14.2		
RT	584+14	HOG HILL RD	O&C	728	7	36.4	80.9	
RT	595+45	COMMERCIAL	AGGREGATE	240	3	12		
RT	605+72	PRIVATE ENTRANCE	AGGREGATE	368	4	18.4		
RT	612+67	PRIVATE ENTRANCE	AGGREGATE	592	6	29.6		
RT	618+00	PRIVATE ENTRANCE	AGGREGATE	508	5	25.4		
LT	620+02	LEVEE RD	PCC					
TOTAL					145	666.5	266	

MODEL: Default
 FILE NAME: N:\Projects\Homer_S\Homer_PTB_188-03\A\Work_Order_3121845_IL_3\149\CADD\Civil\CADD_Drawing\188-03\A\Work_Order_3121845_IL_3_Ties_GeopackElements.dgn

USER NAME = PSMT	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	12
CONTRACT NO. 78864				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAINT PAVEMENT MARKING				
		LINE 4"				
		WHITE		YELLOW		
		SOL ID EDGE	SOL ID LEFT	SKIP DASH	SOL ID RIGHT	
IL 3 (FAP312)		SQ FT	FOOT	FOOT	FOOT	FOOT
352+00 TO 501+12	14912	29824		3728		
501+12 TO 510+38	926	1852		231.5	926	
510+38 TO 512+56	218	436		54.5		
512+56 TO 521+00	844	1688	844	211		
521+00 TO 526+13.80	513.8	1027.6		128.45		
526+13.80 BK = 526+15.50 AH						
526+15.50 TO 564+34	3818.5	7637		954.625		
564+34 TO 572+94	860	1720		215	860	
572+94 TO 576+48	354	708	354		354	
576+48 TO 582+42	594	1188	594	148.5		
582+42 TO 613+00	3058	6116		764.5		
613+00 TO 616+41	341	682		85.25	341	
616+41 TO 621+92	551	1102	551		551	
SUB-TOTAL			53,981	2,343	6,522	3,032
TOTAL			65,878			

MODEL: Default
FILE NAME: N:\Projects\Homer ShHh\PTB 188-03A\Work Order 3121845_IL 34L 149\CADD\Civil\CADD Drawings\188-03A\188-03A-SUB-TP-501_Ties_GeopakElements.dgn

USER NAME = PSMIT PLOT SCALE = 5.0000' / in. PLOT DATE = 6/29/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - 6/29/2021 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE	F.A.P. RTE. 312: 331 SECTION 122, 123, 130 (SR-1, RS-6): (101.102) SR-1 COUNTY JACKSON TOTAL SHEETS 20 SHEET NO. 14 CONTRACT NO. 78864 ILLINOIS FED. AID PROJECT
			SCALE: SHEET OF SHEETS STA. TO STA.		

SHOULDER SCHEDULE - IL 3

LOCATION STATION TO STATION				GROSS LENGTH	SIDERoads TO OMIT	NET LENGTH	EXCAVATING AND GRADING EXISTING SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	BITUMINOUS MATERIAL (TACK COAT)	SHOULDER RUMBLE STRIPS, 8"	REMARKS		
SIDE	STATION		SIDE	STATION	FOOT	FOOT	UNIT	SQ YD	POUND	FOOT			
LT	382+63.00	TO	LT	383+78.00	115	115	1	52	24	115			
RT	382+68.00	TO	RT	384+03.00	135	135	1	60	27	135			
LT	383+78.00	TO	LT	396+15.00	1237	1237				1237	Existing 6' Shoulder		
RT	384+03.00	TO	RT	396+15.00	12:2	1 @ 225' WIDTH	987			987	Existing 6' Shoulder		
LT	396+15.00	TO	LT	424+32.12	28:7		2817	28	1253	564	2817		
RT	396+15.00	TO	RT	424+32.12	28:7	1 @ 88' WIDTH 1 @ 85' WIDTH	2644	26	1176	530	2644		
BK	424+32.12	TO	AH	0+32.12	STATION EQUATION								
LT	0+32.12	TO	LT	190-88.00	19056	1 @ 85' WIDTH 1 @ 65' WIDTH	18906	189	8403	3782	18906		
RT	0+32.12	TO	RT	190-88.00	19056	1 @ 48' WIDTH 1 @ 30' WIDTH	18978	190	8435	3796	18978		
LT	190+88.00	TO	LT	191+78.00	90		90			90	Existing 3' Shoulder		
RT	190+88.00	TO	RT	191+00.00	12		12			12	Existing 3' Shoulder		
LT	191+78.00	TO	LT	192+08.00	30		30			30	Existing 8' Shoulder		
RT	191+00.00	TO	RT	191+38.00	38		38			38	Existing 8' Shoulder		
LT	192+08.00	TO	LT	192+35.00	27		27			27	Existing 3' Shoulder		
RT	191+38.00	TO	RT	191+74.00	36		36			36	Existing 3' Shoulder		
LT	192+35.00	TO	LT	195+00.00	265		265			265	Existing 11.5' Shoulder		
RT	191+74.00	TO	RT	195+00.00	326	1 @ 25' WIDTH	301			301	Existing 11.5' Shoulder		
BK	195+00.00	TO	AH	194+90.20	STATION EQUATION								
LT	194+90.20	TO	LT	196-85.00	195		195			195	Existing 15' Shoulder		
RT	194+90.20	TO	RT	225-85.96	3096	1 @ 181' WIDTH	2915	29	1296	584	2915	IL 151 Split by Sta Eq	
LT	196+85.00	TO	LT	225+85.96	2901	1 @ 100' WIDTH	2801	28	1245	561	2801		
BK	225+85.96	TO	AH	226+00.00	STATION EQUATION								
LT	226+00.00	TO	LT	271+72.54	4573		4573	46	2033	915	4573		
RT	226+00.00	TO	RT	271+72.54	4573		4573	46	2033	915	4573		
BK	271+72.54	TO	AH	271+84.85	STATION EQUATION								
LT	271+84.85	TO	LT	369+09.00	9724	1 @ 105' WIDTH	9619	96	4276	1925	9619		
RT	271+84.85	TO	RT	369+09.00	9724	1 @ 65' WIDTH	9659	97	4293	1932	9659		
LT	369+09.00	TO	LT	373+08.00	399		399			399	Existing 4' Shoulder		
RT	369+09.00	TO	RT	372+27.00	318	1 @ 50' WIDTH	268			268	Existing 4' Shoulder		
LT	373+08.00	TO	LT	407+60.00	3452	1 @ 55' WIDTH	3397	34	1510	680	3397		
RT	372+27.00	TO	RT	407+82.00	3555		3555	36	1580	711	3555		
LT	407+60.00	TO	LT	411+34.00	374		374			374	Existing 3' Shoulder		
RT	407+82.00	TO	RT	410+88.00	306		306			306	Existing 3' Shoulder		
LT	411+34.00	TO	LT	412+79.00	145		145			145	Existing 7' Shoulder		
RT	410+88.00	TO	RT	412+89.00	201		201			201	Existing 10' Shoulder		
LT	414+38.00	TO	LT	416+59.00	221		221			221	Existing 7' Shoulder		
RT	414+45.00	TO	RT	416+52.00	207		207			207	Existing 10' Shoulder		
LT	416+59.00	TO	LT	417+80.00	121		121			121	Existing 3' Shoulder		
RT	416+52.00	TO	RT	417+50.00	98		98			98	Existing 3' Shoulder		
LT	417+80.00	TO	LT	474+57.00	5677		5677	57	2524	1136	5677		
RT	417+50.00	TO	RT	474+60.00	5710		5710	57	2538	1143	5710		
LT	474+57.00	TO	LT	478+54.00	397		397			397	Existing 5' Shoulder		
RT	474+60.00	TO	RT	477+79.00	319	1 @ 50' WIDTH	269			269	Existing 5' Shoulder		
LT	478+54.00	TO	LT	526+15.50	4762	1 @ 80' WIDTH	4682	47	2081	937	4682		
RT	477+79.00	TO	RT	526+13.80	4835		4835	48	2149	968	4835		
BK	526+13.80	TO	AH	526+15.50	STATION EQUATION								
LT	526+15.50	TO	LT	621+29.00	9514	1 @ 226' WIDTH	9288	93	4128	1858	9288		
RT	526+15.50	TO	RT	620+96.00	9481	1 @ 60' WIDTH	9421	94	4187	1885	9421		
LT	621+29.00	TO	LT	621+92.00	63		63			63	Existing 11' Shoulder		
RT	620+96.00	TO	RT	621+92.00	96		96				Existing 2' Shoulder and Guardrail		
TOTAL								1243	55252	24873	130587		

MODEL: Default
FILE NAME: N:\projects\homer\shh\p17b_188-03\work\order_312-1845_IL_3-IL_149\CADD\Civil\CADD_Drawing\107886-51B-Tip_Sch_Ties_GeopackElements.dgn

USER NAME = PSMIT	DESIGNED - 6/15/2021	REVISED - 6/23/2021
PLOT SCALE = 5.0000' / in.	DRAWN - 6/15/2021	REVISED -
PLOT DATE = 6/23/2021	CHECKED - 6/22/2021	REVISED -
	DATE -	REVISED -

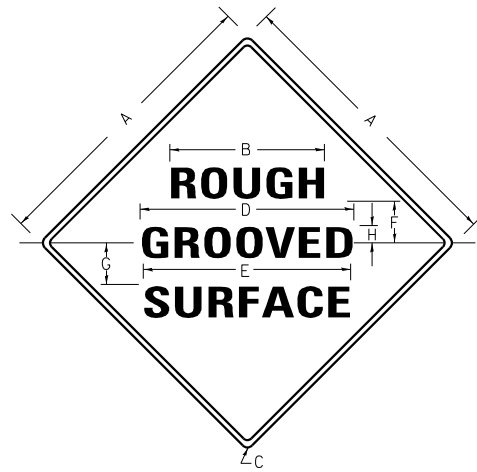
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312-331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	15
CONTRACT NO. 78864				
ILLINOIS		FED. AID PROJECT		

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

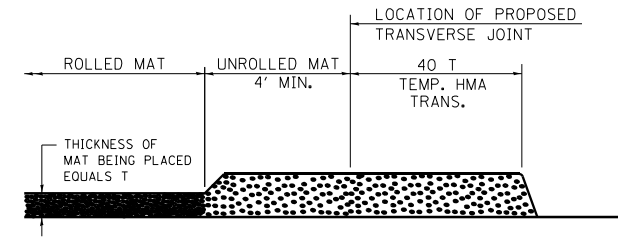
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

STD. 9-39

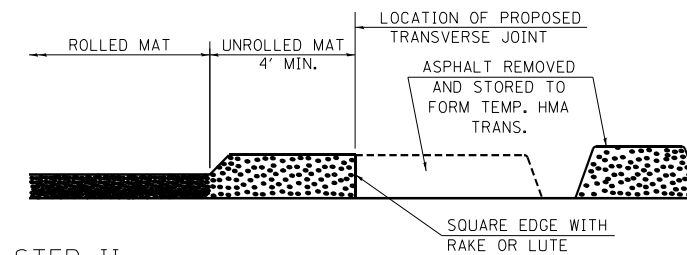
REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



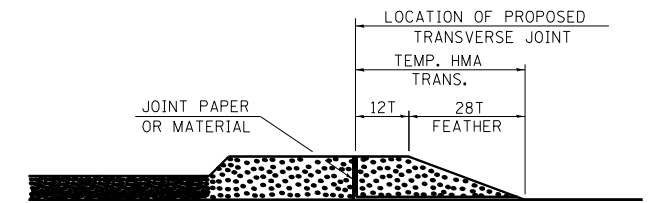
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



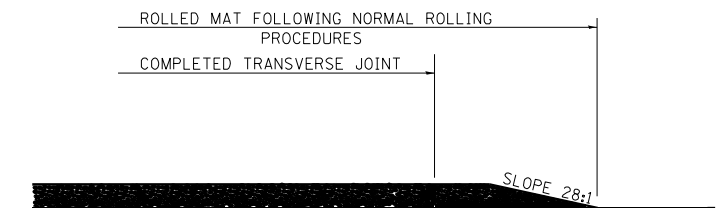
STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP IV

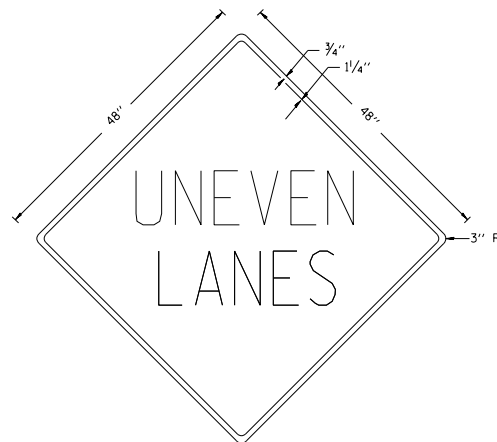
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

STD. 9-41

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUGH GROOVED SURFACE,
UNEVEN LANE, TEMP HMA DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312/331	122, 123, 130 (SR-1, RS-6); (101,102) SR-1	JACKSON	20	19
CONTRACT NO. 78864				
ILLINOIS FED. AID PROJECT				

