

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	50,51,52 RS-3	MACON	79	1
ILLINOIS CONTRACT NO. 74800				

* 79 + 1 = 80 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

ADT = 11,400 (2021)

FAP ROUTE 322 (US 51)
SECTION 50, 51, 52 RS-3
PROJECT NHPP-N8RC(715)
DESIGNED OVERLAY
MACON COUNTY

C-97-053-17

SECTION 50,51,52 RS-3 ENDS
STATION 288 + 51.00
NORTHBOUND & SOUTHBOUND

BRIDGE OMISSION: S.N. 058-0118 (NB) & S.N. 058-0117 (SB)
STATION 262 + 10.18 TO STATION 263 + 01.35 (NB)
STATION 261 + 83.97 TO STATION 262 + 75.14 (SB)

BRIDGE OMISSION: S.N. 058-0114 (NB) & S.N. 058-0113 (SB)
STATION 424 + 50.07 TO STATION 425 + 54.32 (NB)
STATION 423 + 89.66 TO STATION 424 + 93.91 (SB)

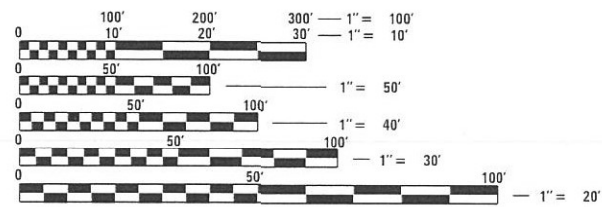
SECTION 50,51,52 RS-3 BEGINS
STATION 265 + 10.00
NORTHBOUND & SOUTHBOUND



STATION EQUATION:
STATION 574 + 01.69(BK) = STATION 174 + 89.59(AH)

STATION EQUATION:
STATION 357 + 93.80(BK) = STATION 357 + 91.02(AH)

STATION EQUATION:
STATION 273 + 82.08(BK) = STATION 273 + 79.78(AH)



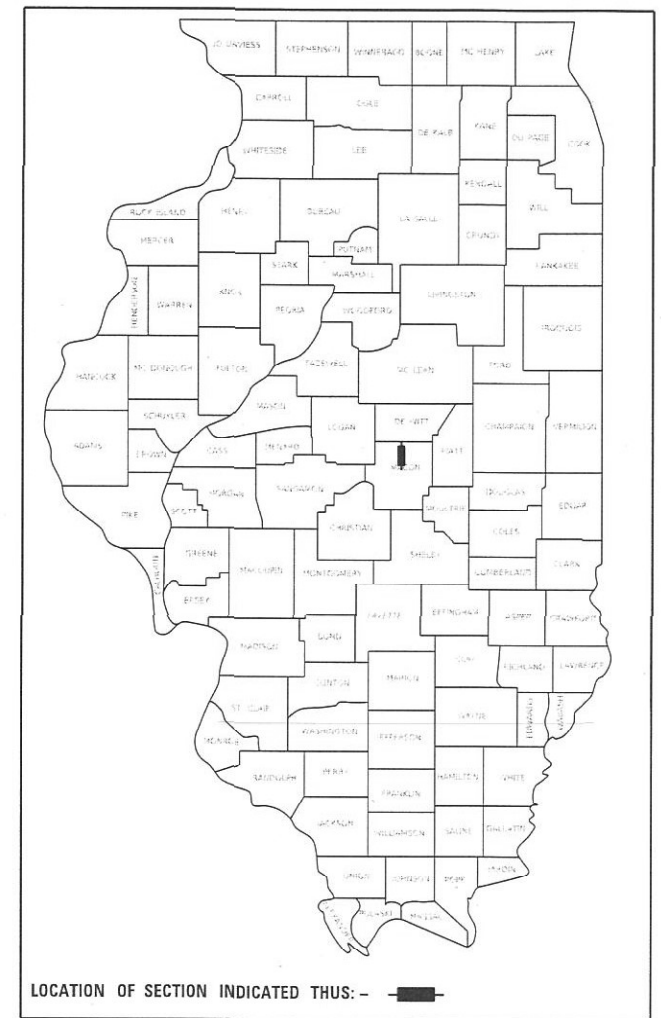
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MATT BOWER
PROJECT MANAGER: DALTON LANE

CONTRACT NO. 74800

GROSS LENGTH = 42,257.18 FT. = 8.003 MILE
NET LENGTH = 42061.76 FT. = 7.966 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED April 6 2023
Jeffrey P. Myer
REGIONAL ENGINEER

May 12, 2023
Eric A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 URBAN	0005 RURAL
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1506		1506
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	152		152
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2305	62	2243
* 78200020	CURB REFLECTORS	EACH	40		40
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1254	32	1222
* X0322278	RODENT SHIELDS	EACH	319		319
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	416		416
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	6450		6450
X1200107	PIPE UNDERDRAINS 6" (MODIFIED)	FOOT	144411		144411
X4406230	PARTIAL DEPTH REMOVAL, TYPE II ,3"	SO YD	168		168
X4060995	TEMPORARY RAMP (SPECIAL)	SO YD	2220		2220
X4406340	PARTIAL DEPTH REMOVAL, TYPE II ,14"	SO YD	94		94
X4402805	ISLAND REMOVAL	SO FT	695		695
X4406430	PARTIAL DEPTH REMOVAL, TYPE III ,3"	SO YD	379		379
X4420543	CLASS A PATCHES, TYPE I, 9 INCH (SPECIAL)	SO YD	770	29	741
X4406540	PARTIAL DEPTH REMOVAL, TYPE III ,14"	SO YD	627		627
X4420545	CLASS A PATCHES, TYPE II, 9 INCH (SPECIAL)	SO YD	1250	35	1215
X4406630	PARTIAL DEPTH REMOVAL, TYPE IV, 3"	SO YD	903		903
X4420547	CLASS A PATCHES, TYPE III, 9 INCH (SPECIAL)	SO YD	281		281
X4406740	PARTIAL DEPTH REMOVAL, TYPE IV ,14"	SO YD	747		747

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 URBAN	0005 RURAL
X4420549	CLASS A PATCHES, TYPE IV, 9 INCH (SPECIAL)	SO YD	1775		1775
X4421000	PARTIAL DEPTH PATCHING	TON	1390		1390
X5012650	CONCRETE HEADWALL REMOVAL (SPECIAL)	EACH	216		216
X5503101	PLUG EXISTING PIPE	CU YD	2		2
X6050310	FILLING INLETS, SPECIAL	EACH	8		8
X6060500	CORRUGATED MEDIAN REMOVAL	SO FT	161		161
X6061800	CONCRETE MEDIAN, TYPE SB (DOWELLED)	SO FT	432		432
Z0001700	APPROACH SLAB REPAIR (FULL DEPTH)	SO YD	12		12
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	11		11
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	12		12
Z0070202	SURVEY MARKER VAULT	EACH	11		11
Z0076600	TRAINEES	HOUR	500	500	
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

* SPECIALTY ITEM

Ø 0042

△ REVISED SHEET 6/5/2023 REV. - MS

MODEL: Default
FILE: M:\MS - Pw\pilot-pw-bentley.com\FWIDOT\Documents\DOT_Offices\Director_T\Projects\74800\CADD\Drawings\Drawings\74800-PS-S00.dgn

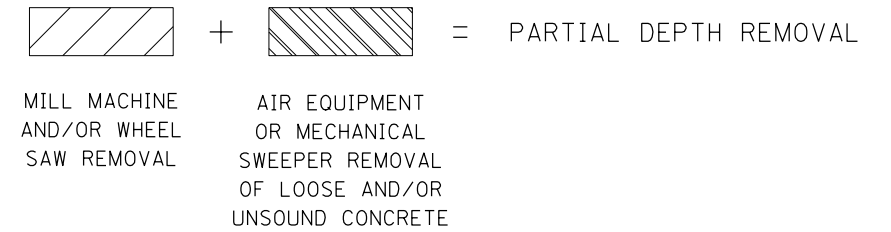
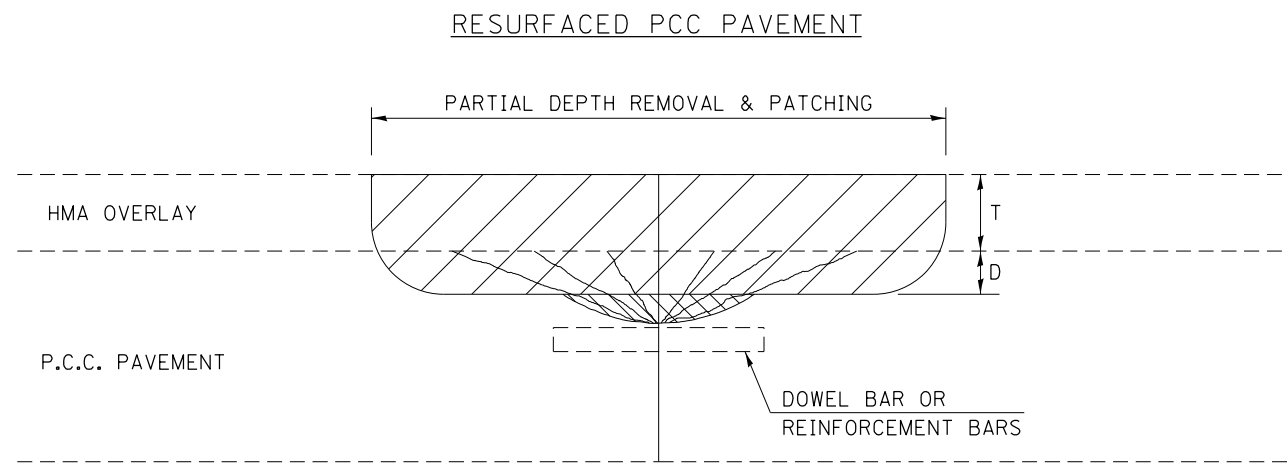
USER NAME = Mona.Steffen	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/6/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	50,51,52 RS-3	MACON	79	5
CONTRACT NO. 74800				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

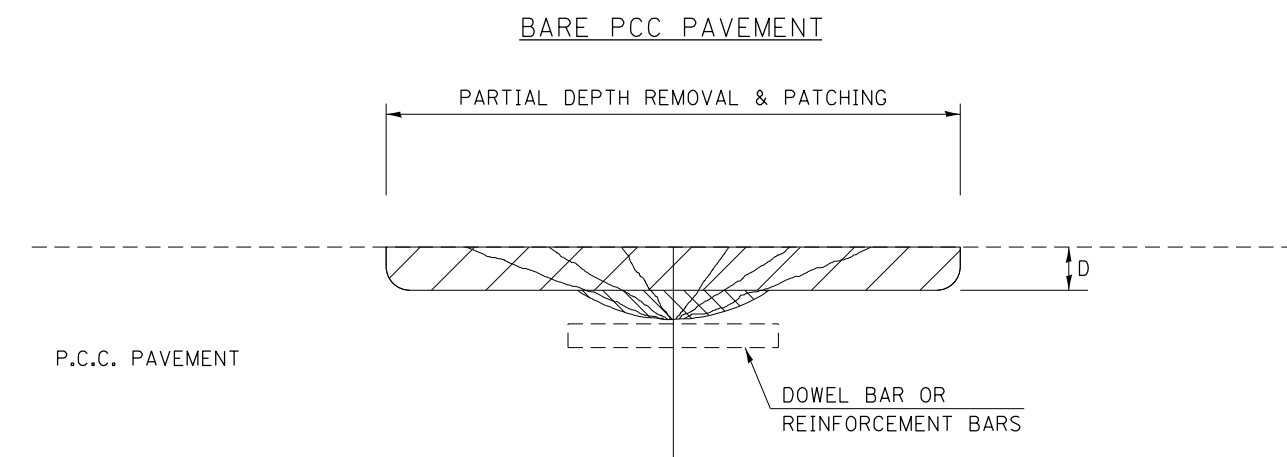
T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

SEE GENERAL NOTES FOR MIXTURE REQUIREMENTS.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.



NOT TO SCALE

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

ADDED ENTIRE SHEET 6/5/2023

DISTRICT 7 DETAIL NO. X4421000

FILE NAME =	USER NAME = matthew.bower	DESIGNED -	REVISED - 11/06
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74800\CADD\Drawings\Drawings\74800-shr-partial depth patching.dwg		CHECKED -	REVISED -
	PLOT SCALE = 2.0000' / in.	DATE -	REVISED -
	PLOT DATE = 6/5/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	50,51,52 RS-3	MACON	79	66A
CONTRACT NO. 74800				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				