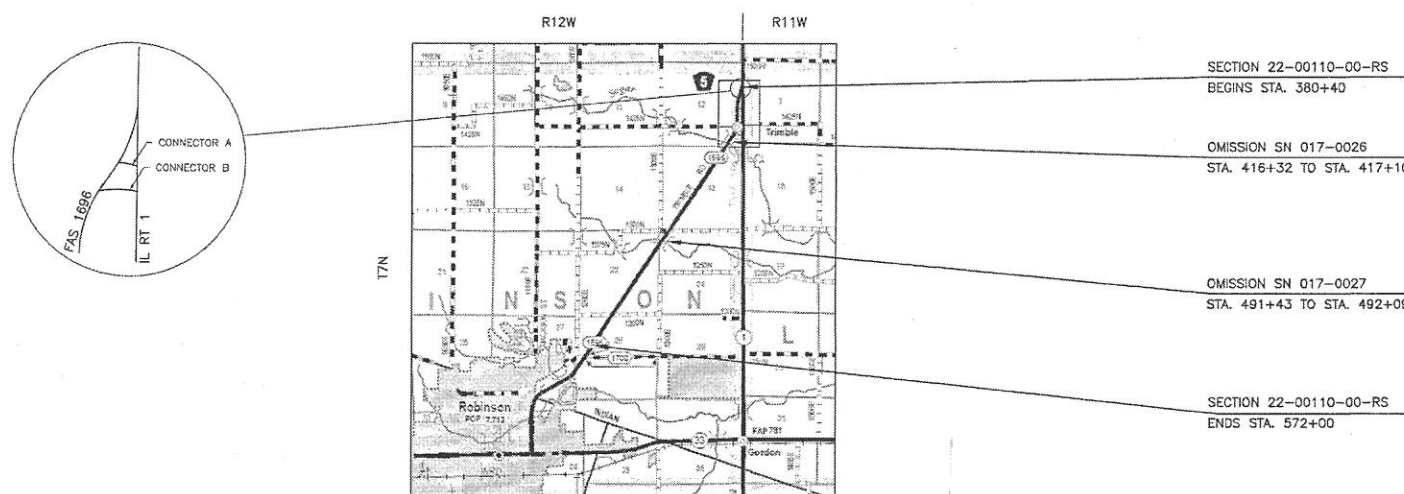


INDEX OF SHEETS

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- 2 TYPICAL SECTIONS
- 2 SUMMARY OF QUANTITIES

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 - 701006-05
 - 701201-05
 - 701301-04
 - 701306-04
 - 701311-03
 - 701901-09
 - 780001-05
 - 781001-04

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
SURFACE TRANSPORTATION PROGRAM
CRAWFORD COUNTY
SECTION 22-00110-00-RS
FAS 1696
PROJECT OFHC(164)
JOB NO. C-97-079-23



LOCATION MAP

APPROXIMATE SCALE: 1 INCH = 1 MILE
NET LENGTH = 19,160 FEET = 3.63 MILES
CONNECTOR A = 72 FEET = 0.01 MILES
CONNECTOR B = 126 FEET = 0.02 MILES
OMISSIONS = 144 FEET = 0.03 MILES
TOTAL LENGTH = 19,214 FEET = 3.64 MILES

FUNCTIONAL CLASS - MINOR ARTERIAL
ADT = 2450
DESIGN SPEED = 55 MPH

TOLL FREE JOINT UTILITY LOCATING
INFORMATION FOR EXCAVATORS (J.U.L.I.E.)
TELEPHONE NO. 1-800-692-0123



John A. Stone 01/03/2024
ILLINOIS REGISTERED PROFESSIONAL ENGINEER # 55012
LICENSE EXPIRES NOVEMBER 30, 2025
CONNOR & CONNOR, INC.
PROFESSIONAL DESIGN FIRM #184-000832

ILLINOIS DEPARTMENT OF TRANSPORTATION
APPROVED: <u>January 3</u> , 2024 <i>Justin R. Miller</i> CRAWFORD COUNTY ENGINEER
PASSED: <u>01/09/24</u> <i>Burt Walker</i> DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW: <u>01/09/24</u> <i>Jeff Meyer</i> REGION FOUR ENGINEER

Connor & Connor, Inc.
210 East Locust Street
P.O. Box 618
Robinson, Illinois 62454

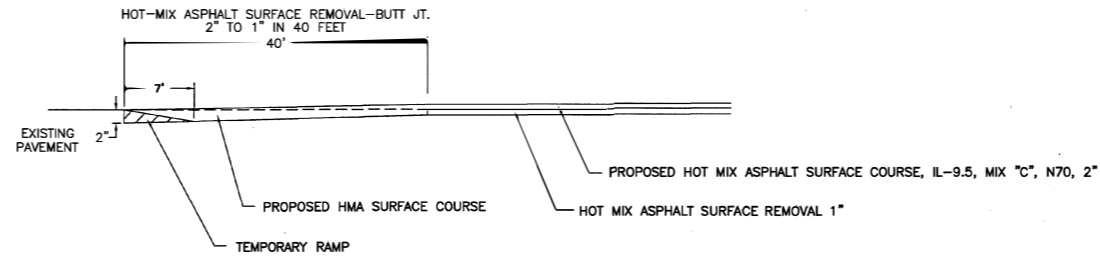
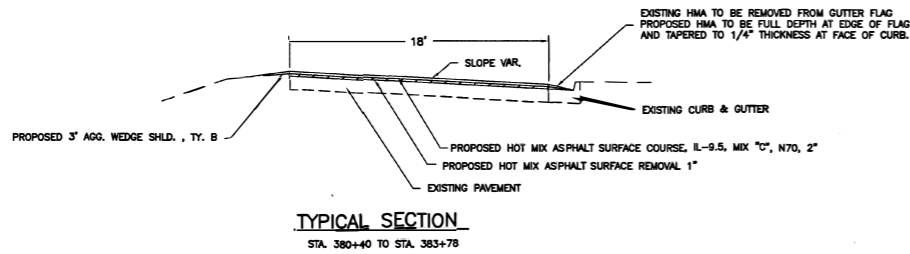
CONNOR & CONNOR
Consulting Engineers
Land Surveyors

Phone: (618) 544-8623
Fax: (618) 544-3012
Design Firm #: 184-000832
www.connorengineers.com

PROJECT NAME:
CRAWFORD COUNTY
SEC. 22-00110-00-RS

COVER SHEET

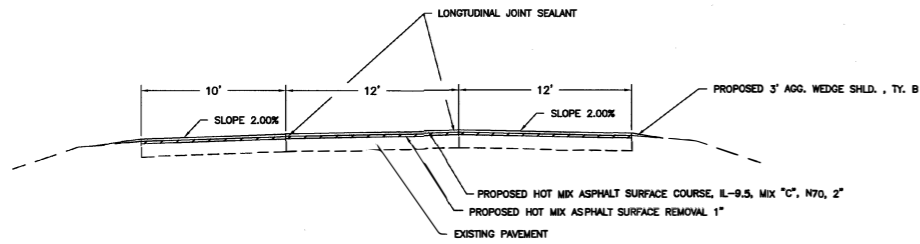
SHEET NUMBER:
1 OF 2
CONTRACT NUMBER:
95948



PATCHING SCHEDULE

LOCATION	TYPE I SQ. YD.	TYPE II SQ. YD.	TYPE III SQ. YD.	TYPE IV SQ. YD.
S.B. STA. 441+40		6.7		
S.B. STA. 442+40		6.7		
S.B. STA. 476+50		6.7		
S.B. STA. 484+45		8.0		
S.B. STA. 486+60				26.7
S.B. STA. 522+00			16.7	
S.B. STA. 523+00			16.7	
S.B. STA. 526+80			16.7	
S.B. STA. 529+00		6.7		
S.B. STA. 529+90		13.9		
S.B. STA. 531+00		8.3		
S.B. STA. 534+60		6.7		
S.B. STA. 534+80		8.3		
S.B. STA. 538+80		8.0		
S.B. STA. 541+20			16.7	
S.B. STA. 549+00				53.3
S.B. STA. 551+10		11.1		
S.B. STA. 554+50		11.1		
S.B. STA. 557+10		5.6		
S.B. STA. 565+20		13.9		
N.B. STA. 476+50		6.7		
N.B. STA. 480+10		8.0		
N.B. STA. 505+50		8.0		
N.B. STA. 515+40		6.7		
N.B. STA. 520+75		6.7		
N.B. STA. 530+10		6.7		
N.B. STA. 534+45		8.0		
N.B. STA. 537+75		6.7		
N.B. STA. 550+00				26.7
N.B. STA. 550+50		10.7		
N.B. STA. 551+60		6.7		
N.B. STA. 552+00		8.0		
N.B. STA. 554+80		8.0		
N.B. STA. 569+10		6.7		
TOTALS	*25	220	67	107

NOTE: * REPRESENTS TOKEN QUANTITY

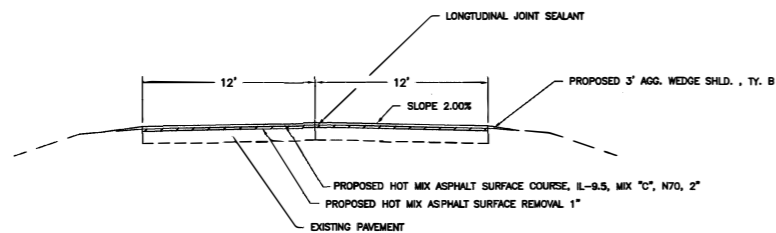


HMA SURF. REMOVAL-BUTT JOINT

STA. 380+40 TO STA. 380+80	= 80 SQ. YD.
CONNECTOR A	= 67 SQ. YD.
CONNECTOR B	= 67 SQ. YD.
STA. 415+92 TO STA. 416+32	= 107 SQ. YD.
STA. 417+10 TO STA. 417+50	= 107 SQ. YD.
STA. 491+03 TO STA. 491+43	= 107 SQ. YD.
STA. 492+09 TO STA. 492+49	= 107 SQ. YD.
STA. 571+60 TO STA. 572+00	= 107 SQ. YD.
TOTAL	= 749 SQ. YD.

TEMPORARY RAMP'S

STA. 80+40	= 14 SQ. YD.
CONNECTOR A	= 12 SQ. YD.
CONNECTOR B	= 13 SQ. YD.
STA. 416+32	= 19 SQ. YD.
STA. 417+10	= 19 SQ. YD.
STA. 491+43	= 19 SQ. YD.
STA. 492+09	= 19 SQ. YD.
STA. 571+60	= 19 SQ. YD.
TOTAL	= 134 SQ. YD.



TYPICAL SECTION
STA. 390+10 TO STA. 572+00
OMISSION STA. 416+32 TO STA. 417+10 (S.N. 017-2008)
OMISSION STA. 491+43 TO STA. 492+09 (S.N. 017-2007)

PAINT PAVEMENT MARKING LINE 4" (TOTAL = 46.140 FT.)

CENTERLINE STRIPE

STA. 383+78 TO STA. 572+00	= 4,710 FT.
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EDGE LINE

CONNECTOR A	= 144 FT.
CONNECTOR B	= 252 FT.
STA. 383+40 TO STA. 383+78	= 676 FT.
STA. 383+78 TO STA. 572+00	= 37,644 FT.
TOTAL	= 38,718 FT.

NO PASSING ZONES

LT. STA. 383+78 TO STA. 393+02	= 924 FT. (N.B.)
RT. STA. 421+60 TO STA. 439+50	= 1,790 FT. (S.B.)
TOTAL	= 2,714 FT.

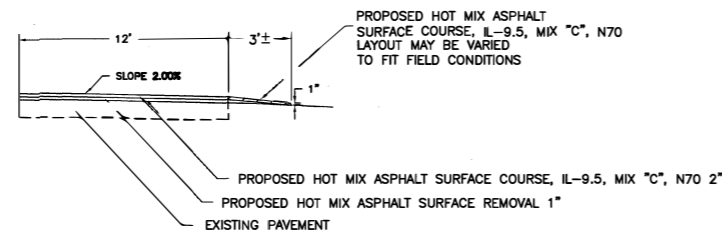
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
X7010216	TRAFFIC CONTROL AND PROTECTION. (SPECIAL)	L SUM	1
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	96
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	23,268
40600370	LONGITUDINAL JOINT SEALANT	FOOT	19,110
40600982	HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	749
40600990	TEMPORARY RAMP	SQ YD	134
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	5,859
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	135
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	51,706
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	25
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	220
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	67
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	107
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	366
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100480	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT TERM PAVEMENT MARKINGS	FOOT	3,420
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	584
* 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	46.140
* 78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	246
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	246

* SPECIALITY ITEMS

INCIDENTAL HOT MIX ASPHALT SURFACING
9 SIDEROADS @ 15 TONS EACH = 135 TONS

HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70
28 ENTRANCES @ 2 TONS EACH = 56 TONS
6 MAILBOX TURNOUTS @ 2 TONS EACH = 12 TONS



AGGREGATE SURFACE COURSE QUANTITIES
28 ENTRANCES @ 2 TONS EACH = 56 TONS
4 AGG. SIDEROADS @ 10 TONS EACH = 40 TONS

NOTE: SIDEROADS TO BE RESURFACED TO END OF RADIUS AS DIRECTED BY THE ENGINEER (MATCH EXISTING RADIUS).

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR Voids	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE
MAINLINE	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
INCIDENTAL	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
PATCHING	HMA BINDER COURSE, IL-19.0, N70	PG 64-22	4% @ N=70	IL - 19.0	N/A	N70	QC/QA	3000	N/A

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TYPICAL SECTIONS

SHEET NUMBER:
2 OF 2
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