

FA.U. ROUTE NO.	SECTION	ILLINOIS PROJECT	CONTRACT NO.	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIES	09-00162-00-RS	ARA-5052 (026)	87439	LASALLE	9	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
AMERICAN RECOVERY AND REINVESTMENT ACT
CITY OF OTTAWA - VARIOUS STREETS

LASALLE COUNTY
 SEC. NO. 09-00162-00-RS
 PROJECT ARA-5052 (026)
 JOB NO. C-93-013-10

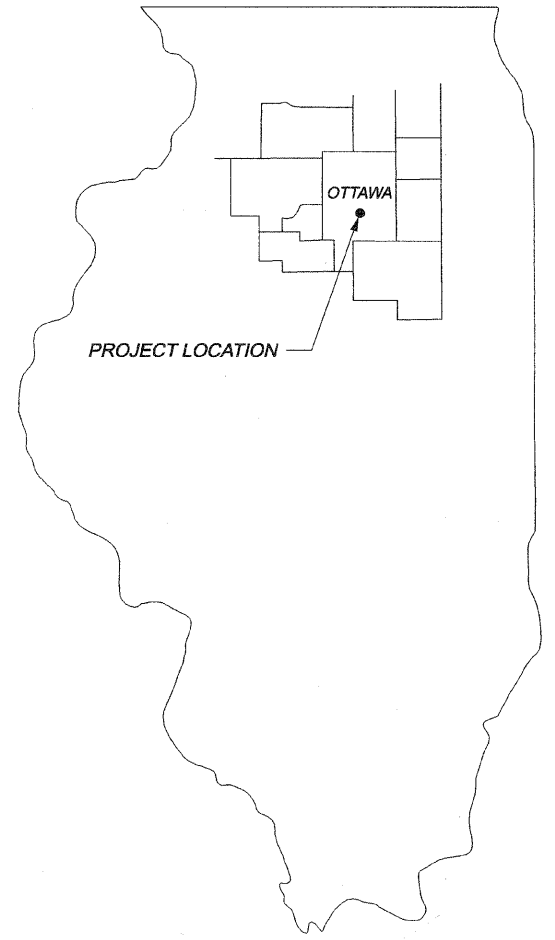
MAIN ST. - F.A.U. ROUTE 6027
 MADISON ST. - F.A.U. ROUTE 6026
 LASALLE ST. - F.A.U. ROUTE 6042
 JOLIET ST. - F.A.U. ROUTE 6055
 GREEN ST/CANAL RD. - F.A.U. ROUTE 6047/6024
 ETNA RD. - F.A.U. ROUTE 6050

INDEX OF SHEETS

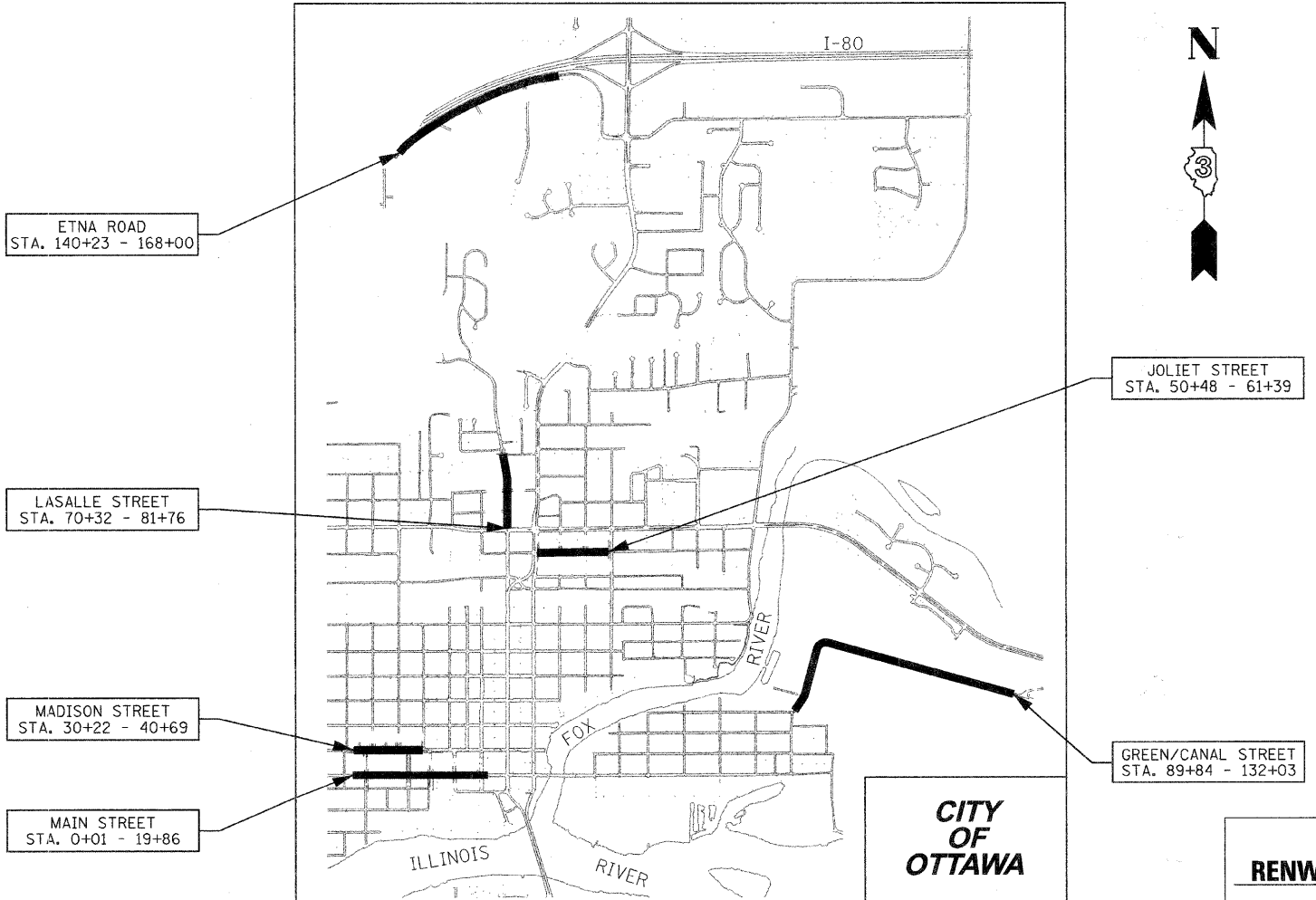
- 1 COVER SHEET
- 2 GENERAL NOTES, & SCHEDULES
- 3 PAVEMENT DESIGNS, TYPICAL SECTIONS, LEGEND, SUMMARY OF QUANTITIES & DETAILS
- 4-9 PLAN SHEETS

HIGHWAY STANDARDS

- 604001-03 FRAME AND LIDS, TYPE 1
- 701201-03 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 M.P.H
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS
- B.L.R. 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION



	DESIGN CLASSIFICATION	STRUCTURAL DESIGN TRAFFIC (SDT)	TRAFFIC FACTOR
MAIN STREET	CLASS II	6930 (2014)	0.20
MADISON STREET	CLASS II	5956 (2014)	0.27
LASALLE STREET	CLASS II	2328 (2014)	0.08
JOLIET STREET	CLASS II	4819 (2014)	0.07
GREEN STREET/ CANAL ROAD	CLASS II	5038 (2014)	0.17
ETNA ROAD (WEST)	CLASS II	2243 (2014)	0.08



SCALES

VICINITY MAP: NOT TO SCALE
 TYPICAL SECTIONS: NOT TO SCALE
 PLAN SHEETS: 1" = 40'

PREPARED BY:

Darrell A. Poundstone
DARRELL A. POUNDSTONE, P.E.
 PROFESSIONAL ENGINEER NO. 62-052938
 EXPIRES NOVEMBER 30, 2009

DATE: **OCT. 23, 2009**

J.U.L.I.E. SYSTEM
 THE TOLL FREE TELEPHONE
 NUMBER FOR JOINT UTILITY INFORMATION
 FOR EXCAVATORS IS 1-800-892-0123

VICINITY MAP

GROSS & NET PROJECT LENGTH
 12,262 L.F. (2.320 MILE)

RENWICK & ASSOCIATES, INC.

228 West Main Street
 Ottawa, Illinois 61350
 TEL: 815-434-3200
 FAX: 815-434-3968



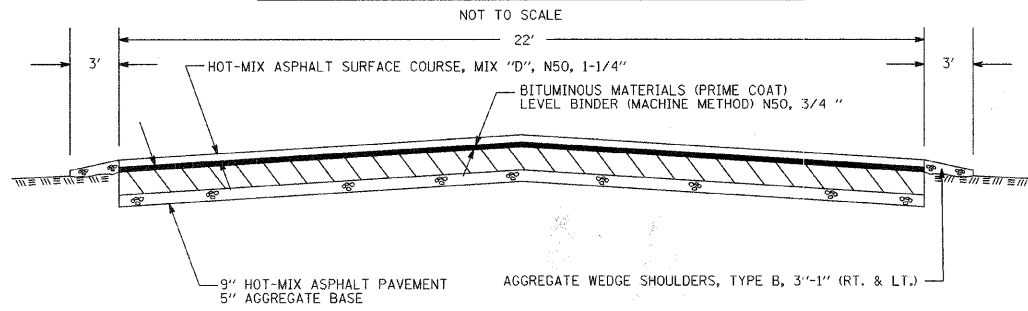
PROFESSIONAL DESIGN FIRM # 184-004957 FILE NO. 09.2.3
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APPROVED: *[Signature]*, 2009
 MAYOR, CITY OF OTTAWA

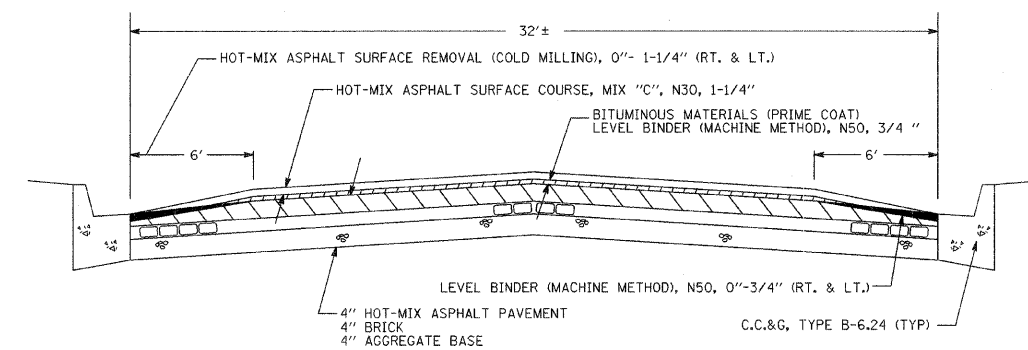
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 APPROVED: *[Signature]*, 2009
 DISTRICT ENGINEER OF LOCAL ROADS & STREETS

APPROVED: *[Signature]*, 2009
 DISTRICT ENGINEER

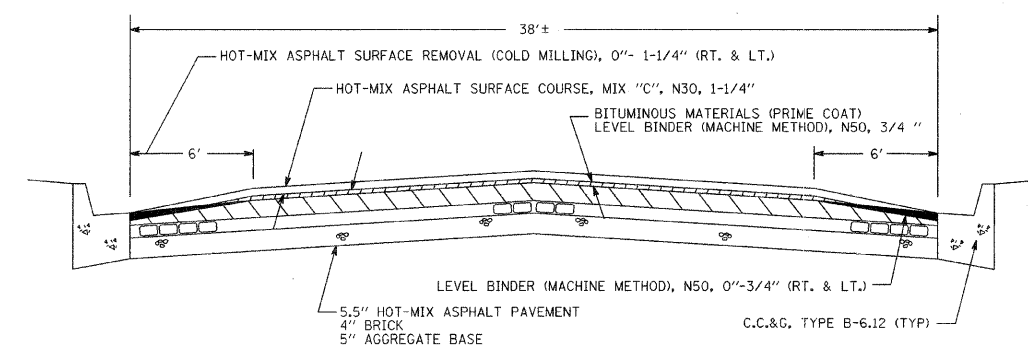
PROPOSED TYPICAL PAVEMENT SECTIONS



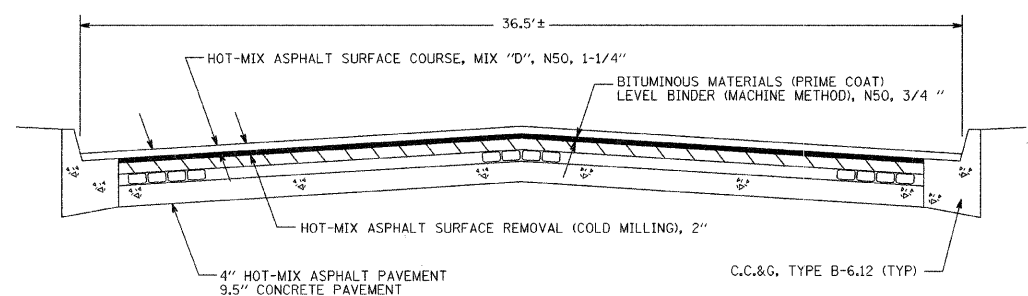
GREEN STREET /CANAL ROAD (FAU 6047/6024)



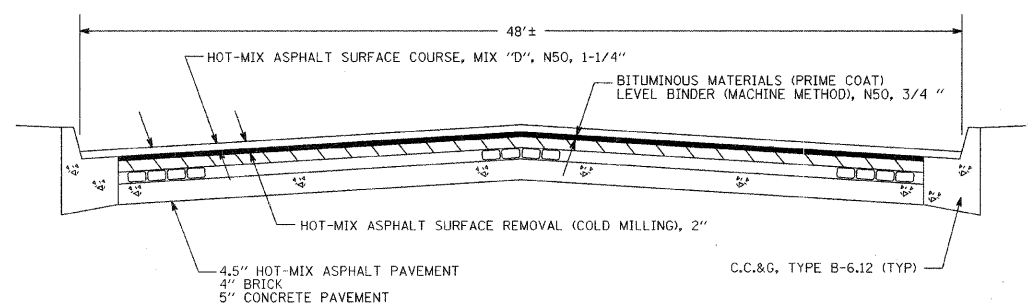
JOLIET STREET (FAU 6055)



LASALLE STREET (FAU 6042)

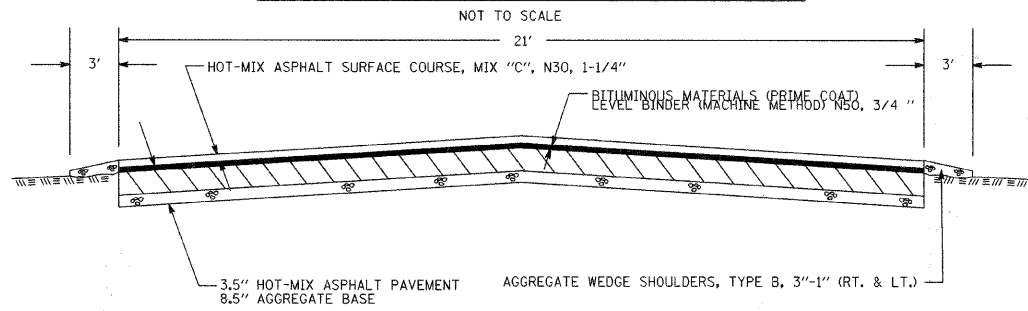


MADISON STREET (FAU 6026)



MAIN STREET (FAU 6027)

PROPOSED TYPICAL PAVEMENT SECTIONS



ETNA ROAD (FAU 6050)

SUMMARY OF QUANTITIES

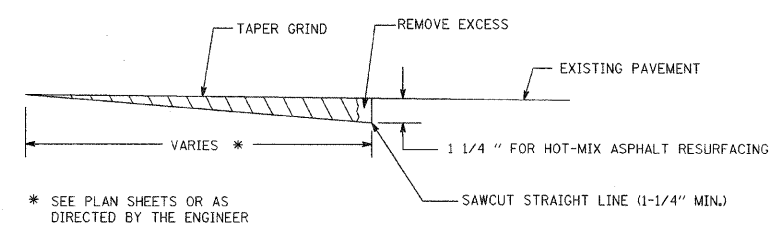
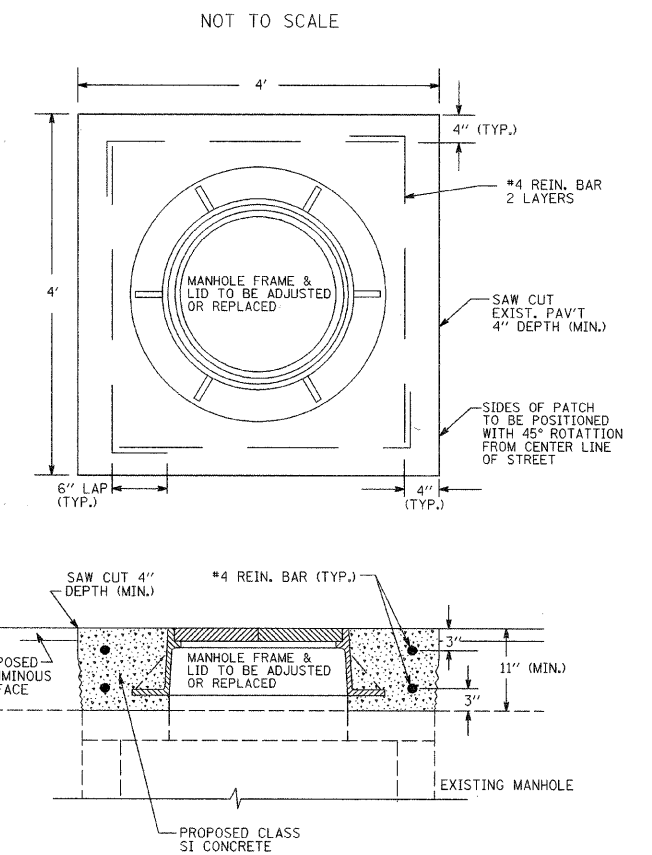
CODE NUMBER	PAY ITEM	UNIT	QUANTITY
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,686
* 40600300	AGGREGATE (PRIME COAT)	TON	43
* 40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	19
* 40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,691
* 40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQUARE YARD	1,390
* 40600990	TEMPORARY RAMP	SQUARE YARD	135
40603000	HOT-MIX ASPHALT BINDER COURSE, IL-12.5, N50	TON	261
* 40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	1,108
* 40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,833
* 44001005	HOT-MIX ASPHALT SURFACE REMOVAL	SQUARE YARD	17,515
* 44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQUARE YARD	2,939
* 48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	494
* 60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	8
* 60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	15
67100100	MOBILIZATION	LUMP SUM	1
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQUARE FOOT	634
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,497
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,240
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	510
Δ * 88600600	DETECTOR LOOP REPLACEMENT	FOOT	458
X440A200	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING)	SQUARE YARD	19
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE		
	L SUM		1

* SEE SPECIAL PROVISIONS
Δ SPECIALTY ITEMS

PAVEMENT DESIGN

	HMA BINDER COURSE	HMA LEVEL BINDER	HMA SURFACE < 5,000 ADT	HMA SURFACE > 5,000 ADT
PG Grade	PG64-22	PG64-22	PG58-22	PG64-22
Design Air Voids	4.0% @ N50	4.0% @ N50	3.0% @ N30	4.0% @ N50
Mixture Composition	IL 12.5	IL 9.5	IL 9.5L	IL 9.5
Friction Aggregate			Mixture C	Mixture D
Density Test Method	Nuclear/ Cores	Satisfaction of Engineer	Nuclear/ Cores	Nuclear/ Cores

DETAIL FOR MANHOLE ADJUSTMENT



* SEE PLAN SHEETS OR AS DIRECTED BY THE ENGINEER

BUTT JOINT DETAIL

NOT TO SCALE

LEGEND

- ROAD CENTERLINE
- R.O.W. LINE
- EDGE OF BITUMINOUS ROAD
- WATER VALVE
- FIRE HYDRANT
- MANHOLE
- CONCRETE SURFACE
- GRAVEL SURFACE
- HOT-MIX ASPHALT SURFACE REMOVAL
- THROUGH/RIGHT TURN ARROW
- THROUGH/LEFT TURN ARROW
- RIGHT TURN ARROW
- LEFT TURN ARROW

RENWICK & ASSOCIATES, INC.

228 West Main Street
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STA. 0+01 TO STA. 20+25

HOT-MIX ASPHALT SURFACE REMOVAL (COLD MILLING), 2" = 10,635.4 S.Y.
 BITUMINOUS MATERIALS (PRIME COAT) = 924 GALLONS
 AGGREGATE (PRIME COAT) = 10.9 TONS
 LEVEL BINDER (MACHINE METHOD), N50, 3/4" = 448.7 TONS
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1-1/4" = 764.5 TONS

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STA. 0+01 TO STA. 1+29 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 257 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 104 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SMALL) = 47 S.F.
 (70 S.F. OF PAVEMENT MARKING REMOVAL INCIDENTAL TO THERMOPLASTIC PAVEMENT MARKING)

STA. 1+22 - RT. & LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 21.1 S.Y. (5' X 38')

STA. 1+65 - 41.5' LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 13.3 S.Y. (5' X 24')

STA. 1+93 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 97 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 23 FT.

STA. 2+00 - LT. TO STA. 3+28 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 257 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 104 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SMALL) = 47 S.F.

STA. 7+99 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 97 FT.

STA. 6+64 TO STA. 7+92 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 257 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 104 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 28 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SMALL) = 47 S.F.

STA. 8+25 - 43.5' LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 17.8 S.Y. (5' X 32')

STA. 8+55 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 90 FT.

STA. 8+62 TO STA. 9+90 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 257 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 104 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 28 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SMALL) = 47 S.F.

STA. 10+26 - RT. TO STA. 11+51 - RT.
 RAILROAD CROSSING
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 125 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 66 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (LARGE) = 61.2 S.F.

STA. 10+19 - RT. TO STA. 11+00 - RT.
 SAW CUT BUTT JOINT, 1-1/4"
 PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING), 1-1/4" = 9.0 S.Y. (8' X 1')

STA. 8+25 - RT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 57 FT.

STA. 8+25 - 39.5' RT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 15.3 S.Y. (5' X 27.5')

STA. 5+51 - RT. TO STA. 6+00 - RT.
 SAW CUT BUTT JOINT, 1-1/4"
 PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING), 1-1/4" = 5.4 S.Y. (49' X 1')

STA. 3+28 TO STA. 6+64
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 80 FT.

STA. 1+65 - 54.5' RT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 13.3 S.Y. (5' X 24')

STA. 1+35 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 76 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 21 FT.

STA. 1+65 - RT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 55 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 14 FT.

STA. 15+35 - LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 10 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 108 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 23 FT.

STA. 15+35 - 56.5' LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 21.9 S.Y. (5' X 39.5')

STA. 17+86 TO STA. 19+14 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 257 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 104 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SMALL) = 47 S.F.

STA. 18+95 - RT. & LT. TO STA. 19+25 - RT. & LT.
 DETECTOR LOOP REPLACEMENT (14 GA.) = 107 FT.

STA. 19+55 - 33.5' LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 27.2 S.Y. (5' X 49')

STA. 19+87 - RT./LT. TO STA. 20+25 - RT./LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 38 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 118 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" YELLOW = 52 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 20 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS = 28.6 S.F.

STA. 19+75 - RT. & LT. TO STA. 20+17 - RT. & LT.
 DETECTOR LOOP REPLACEMENT (14 GA.) = 95 FT.

STA. 20+25 - RT. & LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 25.0 S.Y. (5' X 45')

STA. 19+55 - 31.0' RT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 27.8 S.Y. (5' X 50')

STA. 11+75 - 32.0' LT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 7.8 S.Y. (5' X 14')

STA. 11+87 - C
 MANHOLE FRAME TO BE ADJUSTED W/NEW TY. 1 FR. & C.L.

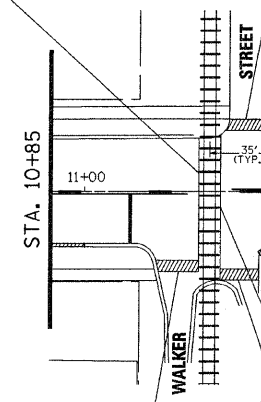
STA. 14+21 - RT. TO STA. 15+01 - RT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 160 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 80 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 24 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SMALL) = 47 S.F.

STA. 15+78 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 96 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 23 FT.

STA. 16+98 - LT. TO STA. 17+38 - LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 28 FT.

STA. 18+26 - LT. TO STA. 18+98 - LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 38 FT.

STA. 11+50 - RT. & LT.
 SAW CUT BUTT JOINT, 2"



STA. 9+90 TO STA. 14+21 - C
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 100 FT.

STA. 12+57 - RT. TO STA. 12+99 - RT.
 SAW CUT BUTT JOINT, 1-1/4"
 PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING), 1-1/4" = 4.7 S.Y. (42' X 1')

STA. 15+08 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 116 FT.

STA. 11+61 - LT. TO STA. 12+91 - LT.
 RAILROAD CROSSING
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 125 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 66 FT.
 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (LARGE) = 61.2 S.F.

STA. 11+60 - RT. & LT.
 SAW CUT BUTT JOINT, 2"

STA. 11+75 - 40.0' RT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 9.4 S.Y. (5' X 17')

STA. 11+40 - 33.0' RT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 10 S.Y. (5' X 18')

STA. 15+40 - RT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 97 FT.

STA. 15+40 - 43.5' RT.
 SAW CUT BUTT JOINT, 1-1/4"
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 1-1/4"-2", 26.7 S.Y. (5' X 48')

STA. 15+85 - C TO STA. 17+86 - C
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" YELLOW = 50 FT.

STA. 17+92 - RT. TO STA. 18+98 - RT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 4" WHITE = 46 FT.

STA. 19+22 - RT. & LT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 6" WHITE = 94 FT.
 THERMOPLASTIC PAVEMENT MARKING - LINE, 24" WHITE = 28 FT.

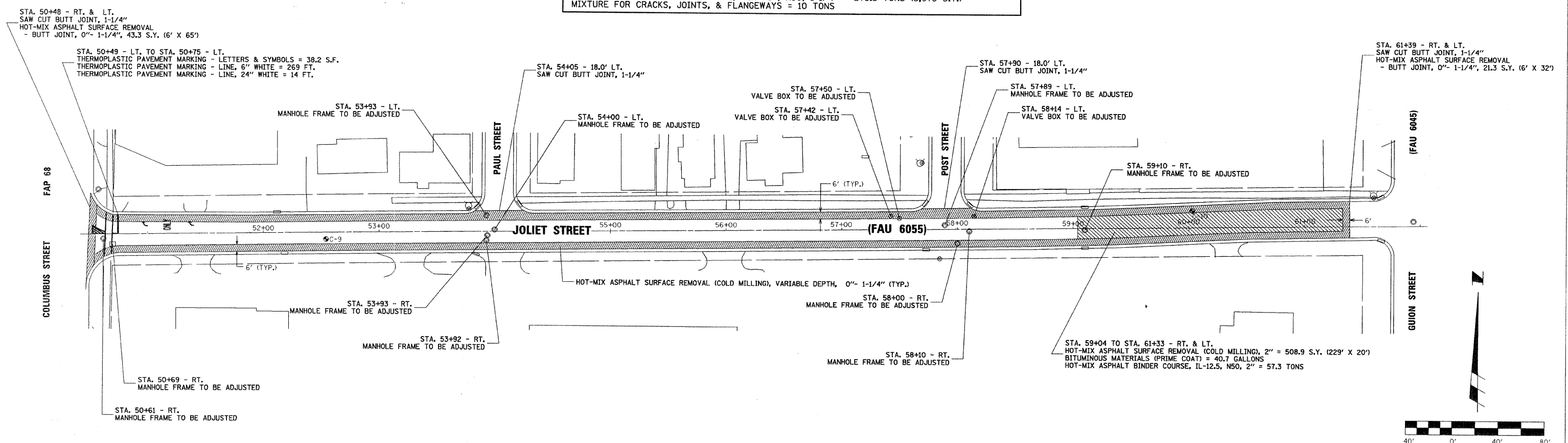
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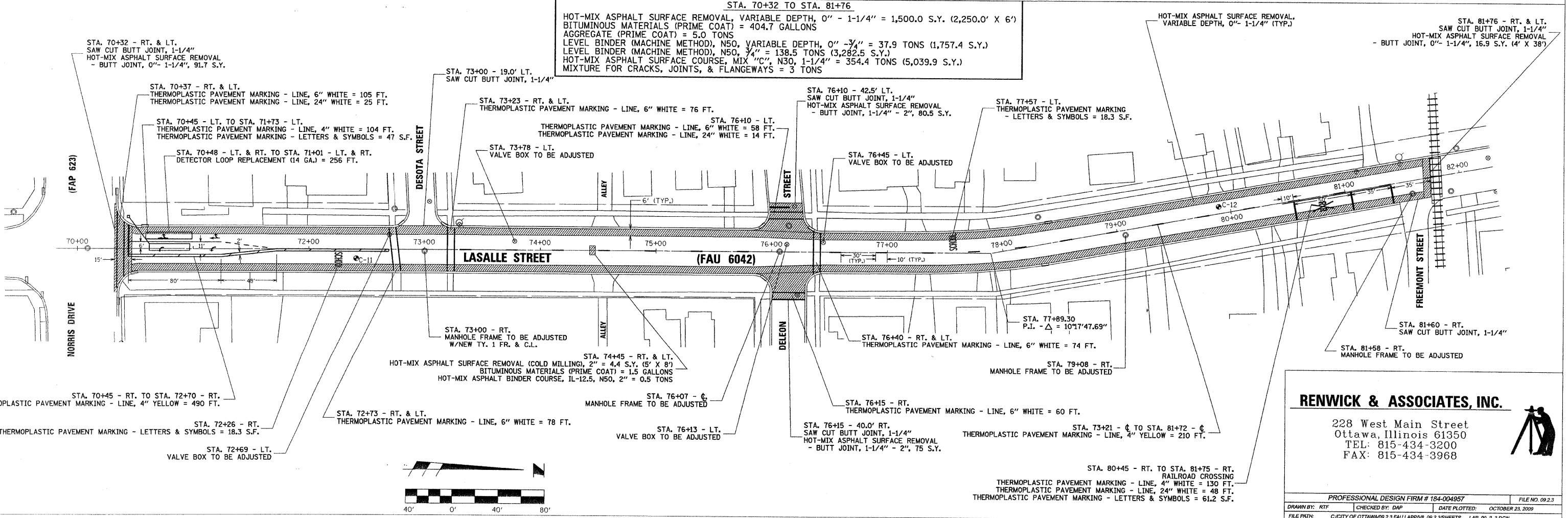


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VARIES	09-00162-00-RS	ARA-5052 (026)	87439	LASALLE	9	5

STA. 50+48 TO STA. 61+39
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 0" - 1-1/4" = 1,438.7 S.Y. (2,158' X 6')
 BITUMINOUS MATERIALS (PRIME COAT) = 318.0 GALLONS
 AGGREGATE (PRIME COAT) = 4.0 TONS
 LEVEL BINDER (MACHINE METHOD), N50, VARIABLE DEPTH, 0" - 3/4" = 31.7 TONS (1,503.3 S.Y.)
 LEVEL BINDER (MACHINE METHOD), N50, 3/4" = 104.3 TONS (2,471.9 S.Y.)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30, 1-1/4" = 279.5 TONS (3,975 S.Y.)
 MIXTURE FOR CRACKS, JOINTS, & FLANGEWAYS = 10 TONS

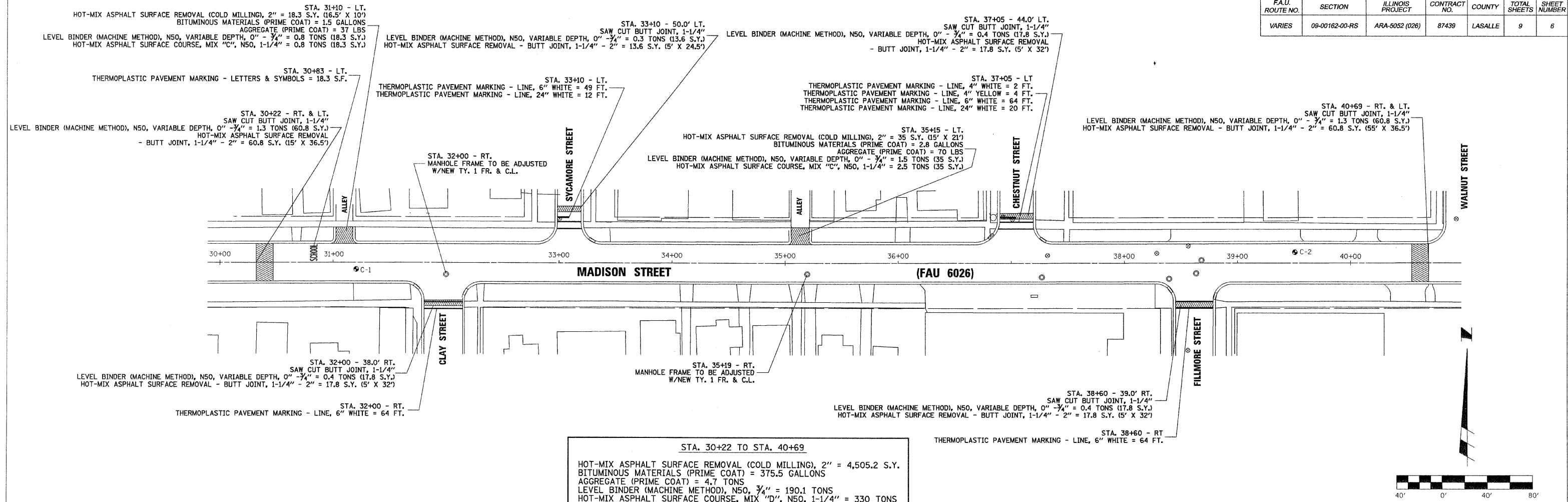


STA. 70+32 TO STA. 81+76
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 0" - 1-1/4" = 1,500.0 S.Y. (2,250.0' X 6')
 BITUMINOUS MATERIALS (PRIME COAT) = 404.7 GALLONS
 AGGREGATE (PRIME COAT) = 5.0 TONS
 LEVEL BINDER (MACHINE METHOD), N50, VARIABLE DEPTH, 0" - 3/4" = 37.9 TONS (1,757.4 S.Y.)
 LEVEL BINDER (MACHINE METHOD), N50, 3/4" = 138.5 TONS (3,282.5 S.Y.)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30, 1-1/4" = 354.4 TONS (5,039.9 S.Y.)
 MIXTURE FOR CRACKS, JOINTS, & FLANGEWAYS = 3 TONS



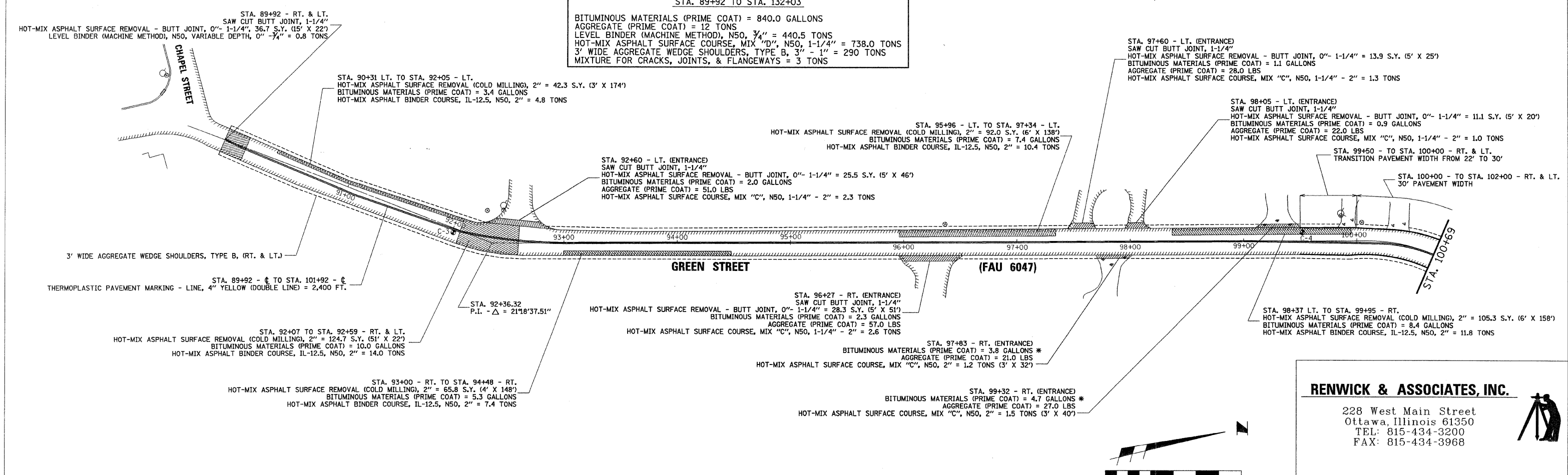
RENWICK & ASSOCIATES, INC.
 228 West Main Street
 Ottawa, Illinois 61350
 TEL: 815-434-3200
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STA. 30+22 TO STA. 40+69
 HOT-MIX ASPHALT SURFACE REMOVAL (COLD MILLING), 2" = 4,505.2 S.Y.
 BITUMINOUS MATERIALS (PRIME COAT) = 375.5 GALLONS
 AGGREGATE (PRIME COAT) = 4.7 TONS
 LEVEL BINDER (MACHINE METHOD), N50, 3/4" = 190.1 TONS
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1-1/4" = 330 TONS

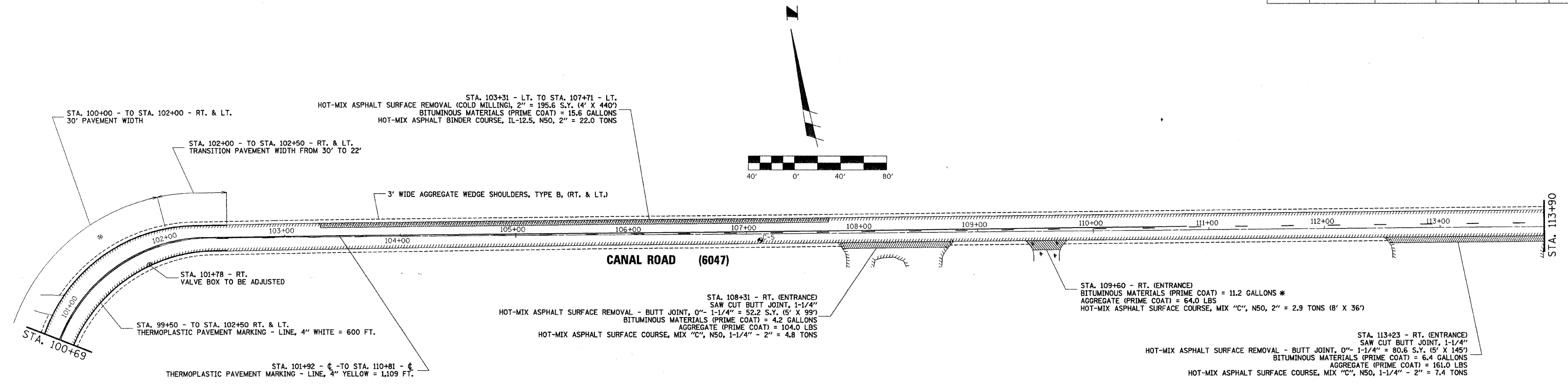
STA. 89+92 TO STA. 132+03
 BITUMINOUS MATERIALS (PRIME COAT) = 840.0 GALLONS
 AGGREGATE (PRIME COAT) = 12 TONS
 LEVEL BINDER (MACHINE METHOD), N50, 3/4" = 440.5 TONS
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1-1/4" = 738.0 TONS
 3' WIDE AGGREGATE WEDGE SHOULDERS, TYPE B, 3" - 1" = 290 TONS
 MIXTURE FOR CRACKS, JOINTS, & FLANGEWAYS = 3 TONS



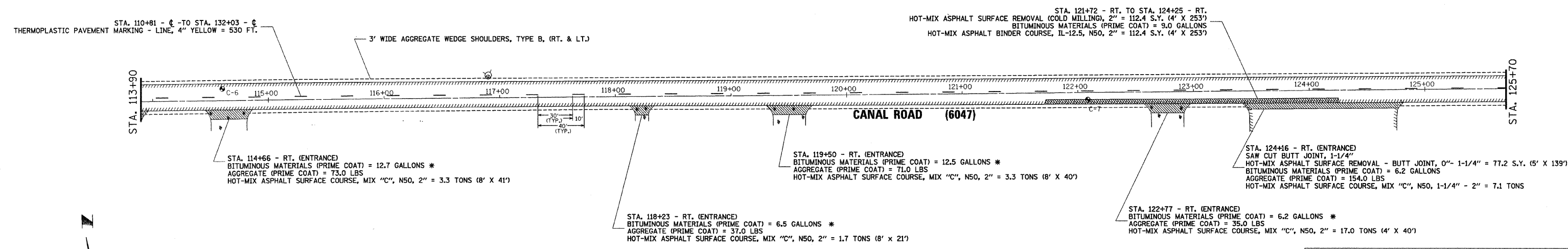
* BITUMINOUS MATERIALS (PRIME COAT) SHALL BE MC-30 FOR GRAVEL DRIVES APPLIED AT A RATE OF 0.35 GALLONS/SQUARE YARD

RENWICK & ASSOCIATES, INC.
 228 West Main Street
 Ottawa, Illinois 61350
 TEL: 815-434-3200
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FAU. ROUTE NO.	SECTION	ILLINOIS PROJECT	CONTRACT NO.	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIES	09-00162-00-RS	ARA-5052 (026)	87439	LASALLE	9	7



* BITUMINOUS MATERIALS (PRIME COAT) SHALL BE MC-30 FOR GRAVEL DRIVES APPLIED AT A RATE OF 0.35 GALLONS/SQUARE YARD



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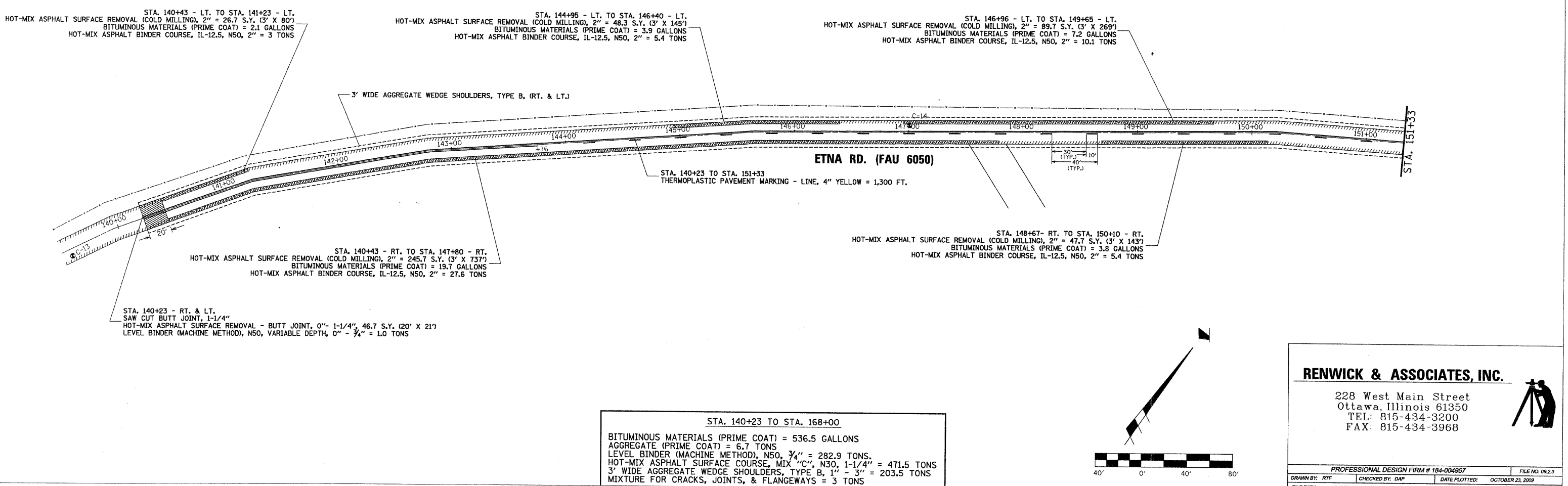
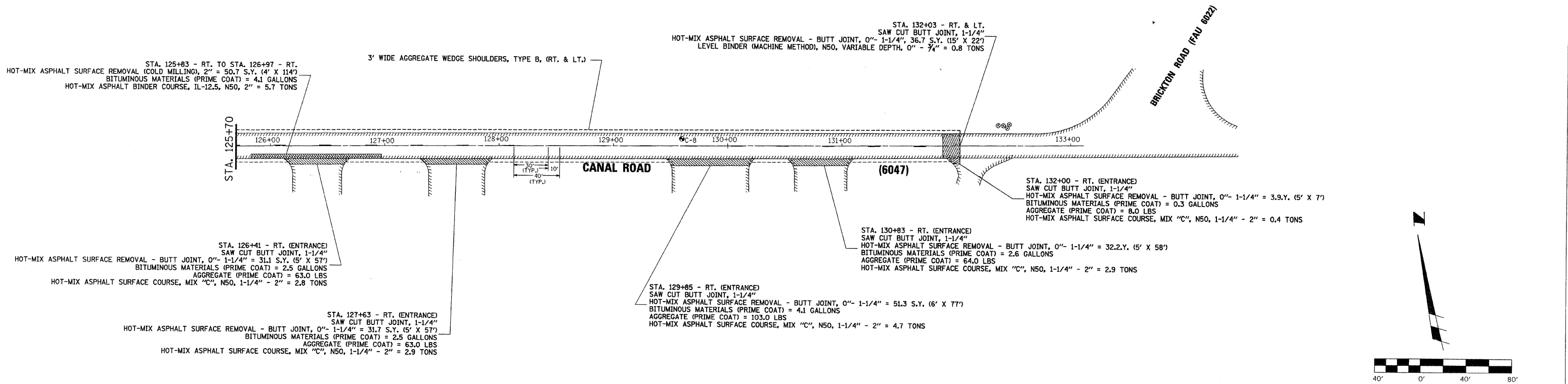
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PROFESSIONAL DESIGN FIRM # 184-004957 FILE NO. 09.2.3

DRAWN BY: RTF CHECKED BY: DAP DATE PLOTTED: OCTOBER 23, 2009
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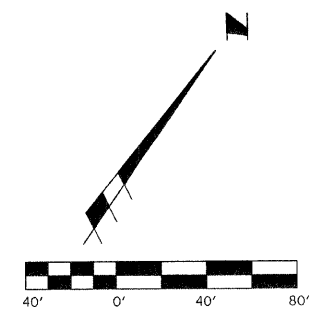
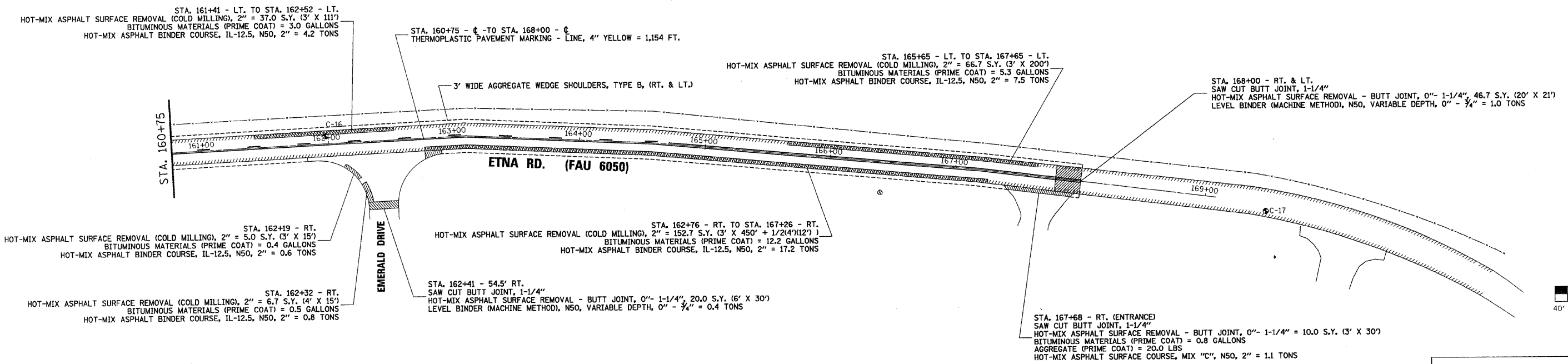
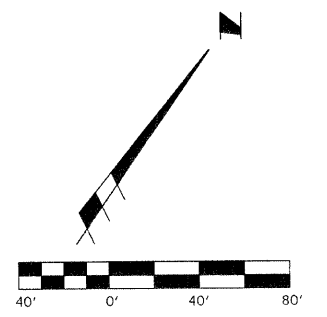
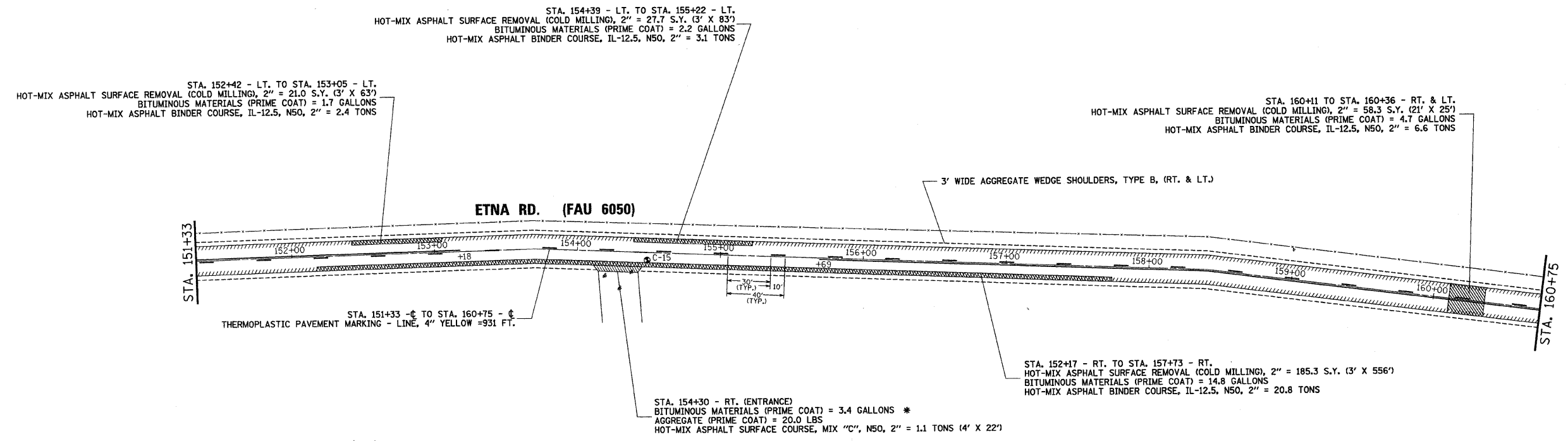
FA.U. ROUTE NO.	SECTION	ILLINOIS PROJECT	CONTRACT NO.	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIES	09-00162-00-RS	ARA-5052 (026)	87439	LASALLE	9	8



STA. 140+23 TO STA. 168+00
BITUMINOUS MATERIALS (PRIME COAT) = 536.5 GALLONS
AGGREGATE (PRIME COAT) = 6.7 TONS
LEVEL BINDER (MACHINE METHOD), N50, 3/4" = 282.9 TONS.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30, 1-1/4" = 471.5 TONS
3' WIDE AGGREGATE WEDGE SHOULDERS, TYPE B, 1" - 3" = 203.5 TONS
MIXTURE FOR CRACKS, JOINTS, & FLANGWAYS = 3 TONS

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