

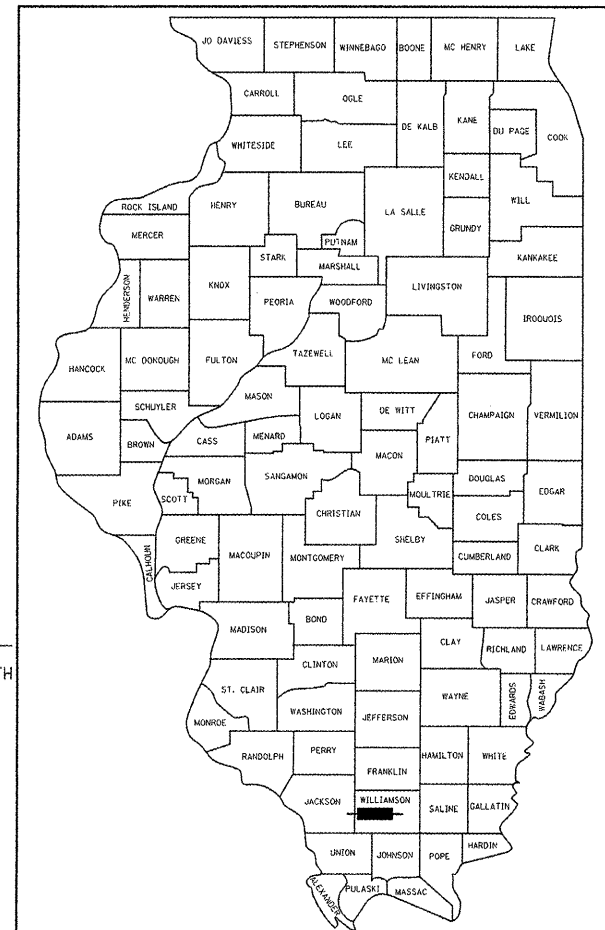
INDEX OF SHEETS

- 1 COVER SHEET
- 2 SIGNATURE SHEET, HIGHWAY STANDARDS AND MIXTURE REQUIREMENTS
- 3 GENERAL NOTES AND COMMITMENTS
- 4-25 SUMMARY OF QUANTITIES
- 26 STATUS OF UTILITIES TO BE ADJUSTED
- 27-35 TYPICAL SECTIONS
- 36-49 SCHEDULES
- 50 SITE PLAN
- 51-52 ALIGNMENT, TIES AND BENCHMARKS
- 53-55 ROADWAY PLAN AND PROFILE - IL ROUTE 13
- 56-58 ROADWAY PLAN AND PROFILE - FRONTAGE ROAD
- 59-61 ROADWAY PLAN AND PROFILE - SKYLINE DRIVE
- 62-63 ROADWAY PLAN AND PROFILE - MARATHON DRIVE
- 64-102 CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC
- 103-109 EROSION AND SEDIMENT CONTROL PLANS
- 110-112 DRAINAGE PLAN - IL ROUTE 13
- 113-115 DRAINAGE PROFILE - IL ROUTE 13
- 116-119 RIGHT-OF-WAY PLANS
- 120-124 ROADWAY REMOVAL PLANS
- 125-126 EXISTING TRAFFIC SIGNAL REMOVAL PLANS
- 127-130 INTERSECTION DETAILS
- 131-135 JOINTING PLANS
- 136 SUPERELEVATION TRANSITION DETAILS
- 137-144 PAVEMENT MARKING PLANS
- 145-150 SIGNING PLANS
- 151-158 TRAFFIC SIGNAL PLANS
- 159-166 LIGHTING PLANS
- 167-207 STRUCTURE NO. 100-0093 AND 100-0094 PLANS
- 208-239 STRUCTURE NO. 100-0095 AND 100-0096 PLANS
- 240-256 STRUCTURE NO. 100-W001 (MSE WALL) PLANS
- 257-277 STRUCTURE NO. 100-W002 (MSE WALL) PLANS
- 278-293 STRUCTURE NO. 100-W003 (MSE WALL) PLANS
- 294 WICK DRAIN PLAN - IL ROUTE 13
- 295-297 MISCELLANEOUS DETAILS
- 298-306 DISTRICT DETAILS
- 307-333 CROSS SECTIONS - IL ROUTE 13
- 334-338 CROSS SECTIONS - FRONTAGE ROAD
- 339-358 CROSS SECTIONS - SKYLINE DRIVE
- 359-367 CROSS SECTIONS - MARATHON DRIVE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAP ROUTE 331 (IL 13)
SECTION (1X-1)VB-1, B-1, N-4, R-3
PROJECT NHF-0331(059)
GRADE SEPARATION
WILLIAMSON COUNTY
C-99-040-11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1) VB-1, B-1, N-4, R-3	WILLIAMSON	367	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	98859	

D-99-015-04



LOCATION OF SECTION INDICATED THUS: — ■ —

S.N. 100-0093(WB) & 100-0094(EB)

PROPOSED DUAL THREE SPAN STRUCTURES WILL CONSIST OF 50-IN., STEEL WEB PLATE GIRDERS WITH 8-IN. REINFORCED CONCRETE DECKS. SUBSTRUCTURE WILL CONSIST OF PILE-SUPPORTED INTEGRAL ABUTMENTS WITH INTERMEDIATE PIERS ON DRILLED SHAFTS AND AN OVERALL LENGTH OF 306 FT. BACK TO BACK ABUTMENTS.

S.N. 100-0095(WB) & 100-0096(EB)

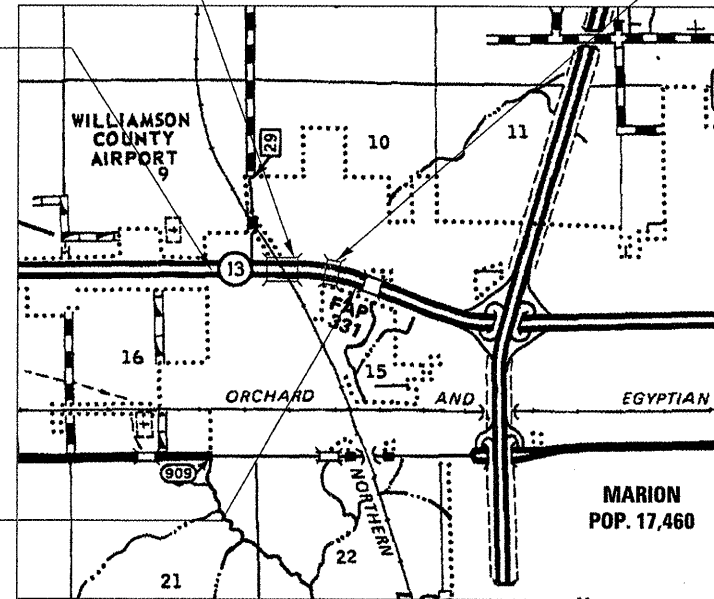
PROPOSED DUAL SINGLE SPAN STRUCTURES WILL CONSIST OF 46-IN., STEEL WEB PLATE GIRDERS WITH 8-IN. REINFORCED CONCRETE DECKS. SUBSTRUCTURE WILL CONSIST OF PILE-SUPPORTED ABUTMENTS AND AN OVERALL LENGTH OF 101 FT. BACK TO BACK OF ABUTMENTS.

S.N. 100-W001, 100-W002 & 100-W003

THE PROPOSED STRUCTURES WILL CONSIST OF MSE WALLS UTILIZED FOR SUPPORT OF EMBANKMENTS CONSTRUCTED TO SUPPORT SIX LANES OF TRAFFIC FOR EASTBOUND AND WESTBOUND IL 13 AS IT CROSSES OVER DUAL STRUCTURES AT BNSF RAILROAD AND MARATHON DRIVE. SHALLOW FOUNDATIONS SUPPLEMENTED BY AGGREGATE COLUMNS FOR SUPPORTING THE MSE WALLS AND PORTIONS OF THE EMBANKMENTS.

PROJECT BEGINS
STA. 1729+56.07

PROJECT ENDS
STA. 1767+07.23



NET LENGTH OF PROJECT = 3,750 FEET = 0.71 MILES

TRAFFIC DATA

	CONSTRUCTION ADT (2014)	DESIGN ADT (2034)	% TRUCKS
IL ROUTE 13 EAST OF SKYLINE DR.	32,160	42,050	6.0%
IL ROUTE 13 WEST OF SKYLINE DR.	34,900	45,210	5.6%
IL ROUTE 13 AT SINCLAIR DR.	33,190	43,420	5.7%
SKYLINE DR. NORTH OF IL ROUTE 13	7,030	9,490	6.7%
SKYLINE DR. SOUTH OF IL ROUTE 13	8,140	10,470	8.2%
SINCLAIR DR.	6,120	6,880	1.6%
MARATHON DR.	820	1,100	1.6%
FRONTAGE RD.	2,890	3,040	1.6%

0 200' 400' 600' — 1" = 200' (SITE PLAN)
(ALIGNMENT, TIES AND BENCHMARKS)

0 50' 100' — 1" = 50' (PLAN & PROFILE - IL 13)
(CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC)
(EROSION AND SEDIMENT CONTROL PLANS - IL 13)
(DRAINAGE PLAN - IL 13)
(DRAINAGE PROFILE - IL 13)
(RIGHT-OF-WAY PLANS)
(REMOVAL PLANS - IL 13)
(PAVEMENT MARKING AND SIGNING PLANS - IL 13)
(SIGNING PLANS)
(WICK DRAIN PLAN - IL 13)

0 30' 60' 100' — 1" = 30' (JOINTING PLANS - IL 13)
(TRAFFIC SIGNAL PLANS)
(LIGHTING PLANS)

0 20' 50' 100' — 1" = 20' (PLAN & PROFILE - SIDE ROADS)
(EROSION AND SEDIMENT CONTROL PLANS - SIDE ROADS)
(REMOVAL PLANS - SKYLINE DRIVE)
(INTERSECTION DETAILS)
(JOINTING PLANS - SIDE ROADS)
(PAVEMENT MARKING & SIGNING PLANS - SIDE ROADS)

0 10' 20' 30' — 1" = 10' (CROSS SECTIONS - IL 13 - HORIZONTAL)
(CROSS SECTIONS - IL 13 - VERTICAL)

0 5' 10' 15' — 1" = 5' (CROSS SECTIONS - SIDEROADS - HORIZONTAL)
(CROSS SECTIONS - SIDEROADS - VERTICAL)

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: DAVID PICHE (618) 351-5227
CONTRACT NO. 98859

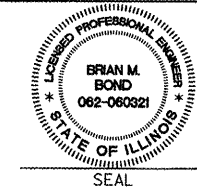
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec 12 20 11
Omer Osman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 3 20 12
John O. Bauamelli, P.E./a
acting ENGINEER OF DESIGN AND ENVIRONMENT

Feb 3 20 12
William R. Frey, Jr.
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

SIGNATURE: Brian M. Bond
DATE SIGNED: 12/9/11
LICENSE EXPIRATION DATE: 11/30/13



CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
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