

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

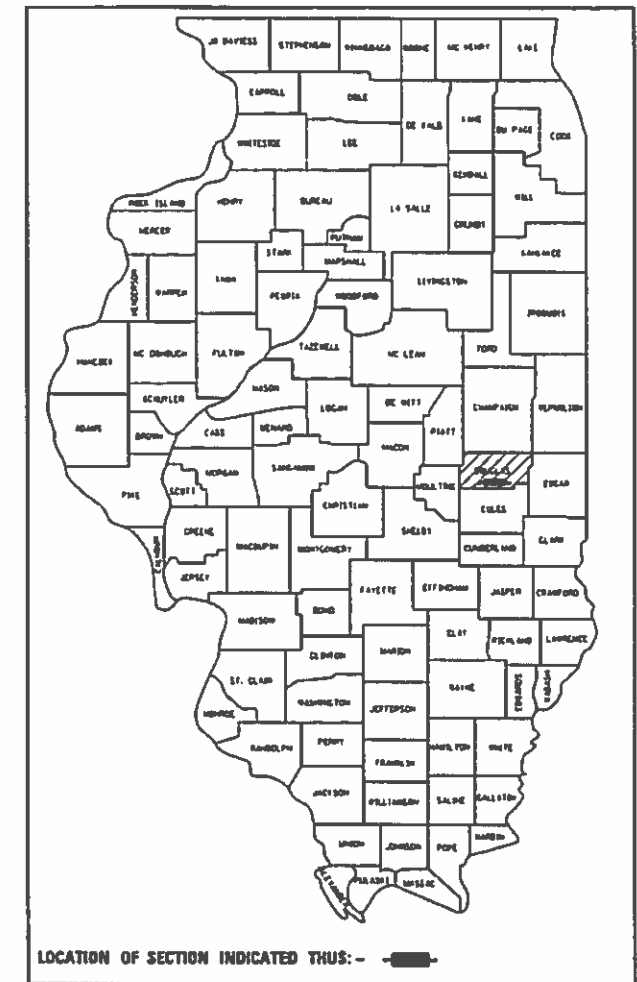
PROPOSED  
HIGHWAY PLANS

F.A.P. RTE. 749 (ILL 133) & F.A.S. RTE. 1671 (US 45)  
SECTION (121)RS-7,SW  
PROJECT STP-2MC6(998)  
STANDARD OVERLAY /ADA IMPROVEMENTS  
DOUGLAS COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	1
		ILLINOIS	CONTRACT NO. 70710	

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

D-85-091-07



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-10

**CURRENT TRAFFIC DATA (2020): FAP 749 (ILL 133) & FAS 1671 (US 45)**

DESIGN DESIGNATION	LEG "A" MIN. ARTERIAL	LEG "B" MIN. ARTERIAL	LEG "C" MIN. ARTERIAL	LEG "D" MAJ. COLLECTOR
CURRENT ADT	6450	6750	4100	3500
P.U. & P.C.%	91.8	86.3	82.1	93.1
S.U.%	2.0	5.9	7.9	2.3
M.U.%	6.2	7.8	10.8	4.6

LEG "A": ILL 133 FROM US 45 TO ELM ST. IN ARCOLA  
LEG "B": ILL 133 FROM ELM ST. TO I-57 IN ARCOLA  
LEG "C": ILL 133 FROM I-57 TO 0.5 MILES EAST OF I-57 IN ARCOLA  
LEG "D": US 45 FROM MADISON ST. TO ILL 133

**DESIGN DESIGNATION**

F.A.P. RTE. 749 (ILL 133) - MINOR ARTERIAL
F.A.S. RTE. 1671 (US 45) - MAJOR COLLECTOR

**TOWNSHIP**

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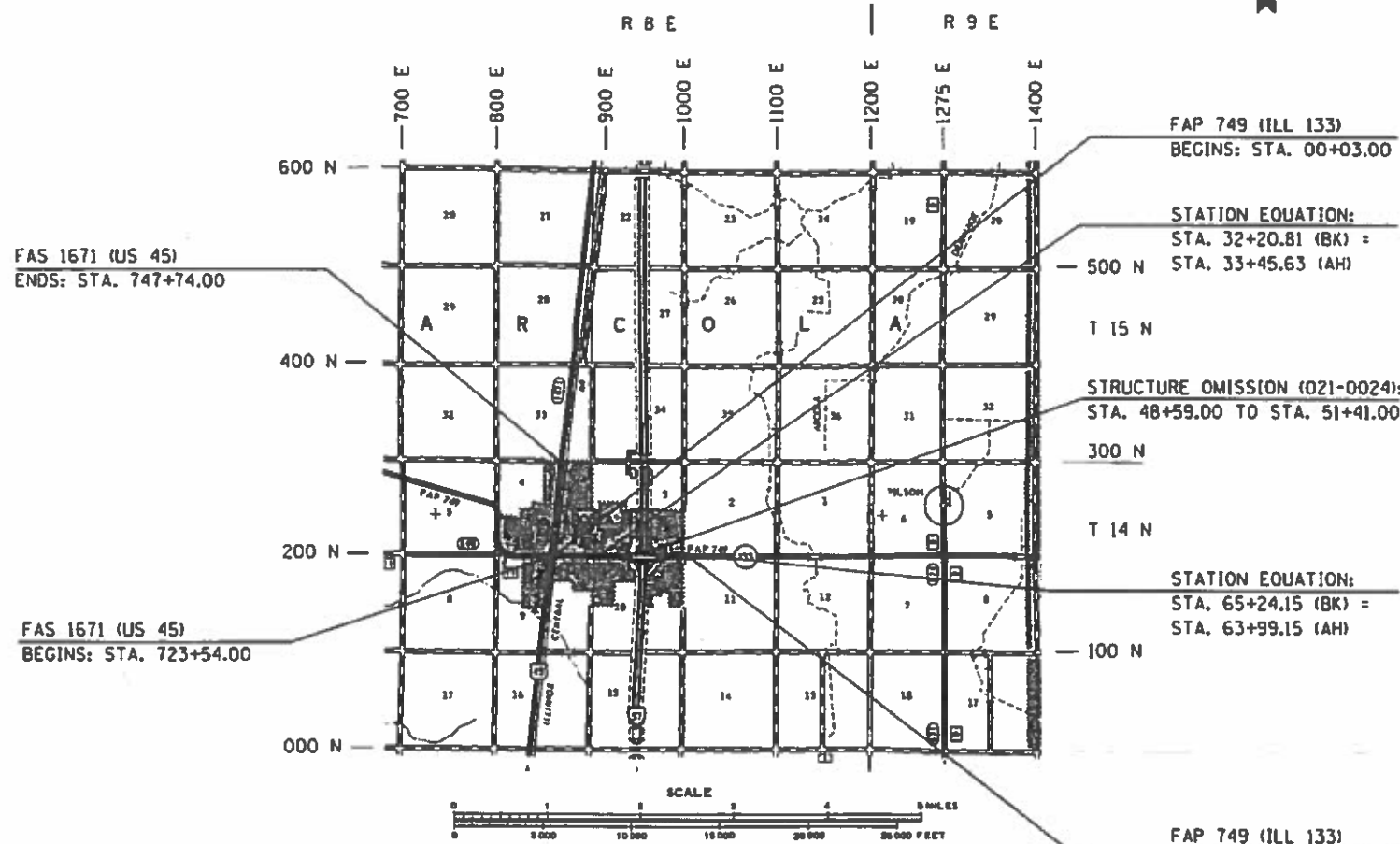
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JASON STULTS  
SQUAD LEADER: GREG EAGLIN  
DESIGNER: CARL BAKER  
PHONE NUMBER: (217)465-4181  
CONTRACT NO. 70710

C-95-091-07

ILL 133 FROM US 45 IN ARCOLA TO 0.5 MILE E. OF I-57 &  
US 45 FROM ILL 133 TO MADISON ST.



GROSS LENGTH = 10,417.18 FT. = 2.011 MILE  
NET LENGTH = 10,135.18 FT. = 1.928 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03/17/20  
Kensila Hammett  
REGION THREE ENGINEER

MAY 8 20 20  
ENGINEER OF DESIGN AND ENVIRONMENT

MAY 8 20 20  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

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## LIST OF HIGHWAY STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRAIN CROSSINGS
442101-09	CLASS B PATCHES
482011-03	HMA SHLD, STRIPS/SHLDS, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
602301-04	INLET-TYPE A
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101-05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L 2W MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS  
LIST OF HIGHWAY STANDARDS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,5W	DOUGLAS	148	2
			CONTRACT NO. 70710	
		ILLINOIS	FED. AID PROJECT	



# BENCHMARKS

LOCATION: FAS 1671 / (US 45)

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 5.8 MILES TO THE MARK ON THE RIGHT. SAID MARK IS A CHISELED SQUARE ON TOP OF THE SE CORNER OF A ACROSS ROAD BOX CULVERT, EAST OF US 45.  
 STATION: 718+46.34                      OFFSET: 66.84 (RT)                      ELEVATION: 650.97

LOCATION: FAS 1671 / (US 45)

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 1.0 MILES TO THE MARK ON THE RIGHT. SAID MARK IS AN ALUMINUM DISK ON TOP OF THE SOUTH END OF THE HEADWALL OF A DOUBLE BARREL ACROSS ROAD BOX CULVERT, EAST OF US 45.  
 STATION: 793+32.73                      OFFSET: 21.554 (RT)                      ELEVATION: 667.950

LOCATION: FAS 1671 / (US 45)

TO REACH FROM INTERSECTION OF JEFFERSON ST. IN ARCOLA, THENCE NORTH 0.25 MILES TO THE MARK ON THE LEFT. SAID MARK IS A CHISELED SQUARE ON TOP OF THE NORTH END OF THE HEADWALL FOR A ACROSS ROAD PIPE CULVERT, WEST OF US 45.  
 STATION: 754+47.77                      OFFSET: 23.55 (LT)                      ELEVATION: 675.580

LOCATION: FAP 749 / (ILL 133)

CHISELED SQUARE ON THE SOUTHEAST CORNER OF LIGHT POLE FOUNDATION IN FRONT OF HEN HOUSE NEAR THE SOUTHWEST QUADRANT OF IL 133 AND JACQUE STREET.  
 STATION: 34+26.93                      OFFSET: 35.32 (LT)                      ELEVATION: 675.936

LOCATION: FAP 749 / (ILL 133)

CHISELED SQUARE ON NORTH SIDE OF LIGHT POLE FOUNDATION IN THE SOUTHWEST QUADRANT OF IL 133 AND ASH STREET.  
 STATION: 17+24.31                      OFFSET: 41.06 (RT)                      ELEVATION: 678.192

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• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

	USER NAME = eaglinga	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BENCHMARKS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		*	(121)RS-7,SW	DOUGLAS	148	4			
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	PLOT DATE = 3/16/2020	DATE -	REVISED -		ILLINOIS			FED. AID PROJECT				
											CONTRACT NO. 70710	













# SUMMARY OF QUANTITIES

LOCATION OF WORK:				FAS 1671 / US 45	FAP 749 / ILL 133
COUNTY:				DOUGLAS	DOUGLAS
FUNDING BREAKOUT:				80% FED	80% FED
CONSTRUCTION TYPE CODE:				0005	0005
RURAL 2-LANE				RURAL 2-LANE	RURAL 2-LANE
STA. 723+54.00 TO				STA. 747+74.00	STA. 00+03.00 TO
STA. 747+74.00					STA 80+00.00
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	31437.0	5404.0	26033.0
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	652.0	474.0	178.0
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	246.0	0.0	246.0
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	470.0	347.0	123.0
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	7.0	1.0	6.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.3	0.7
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	16062.0	2420.0	13642.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.8	0.2
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	5.0	0.0	5.0
Z0070202	SURVEY MARKER VAULT	EACH	1.0	0.0	1.0

\* SPECIALTY ITEM

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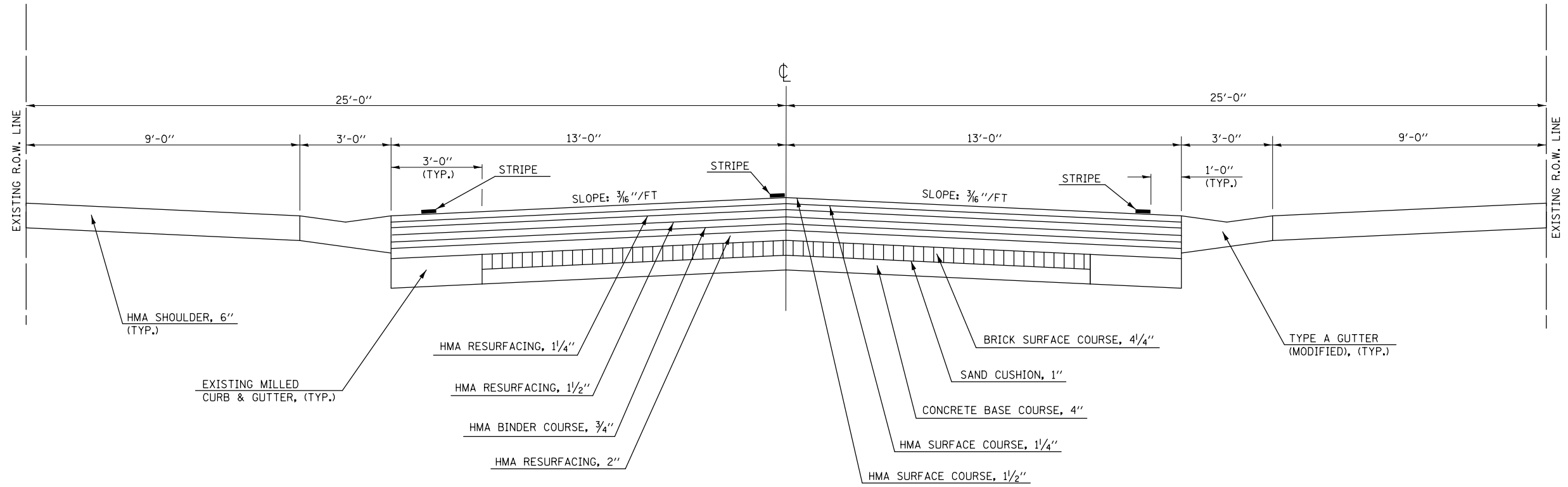
\*FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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								*	(121)RS-7,SW	DOUGLAS	148	10
								CONTRACT NO. 70710				
								ILLINOIS FED. AID PROJECT				



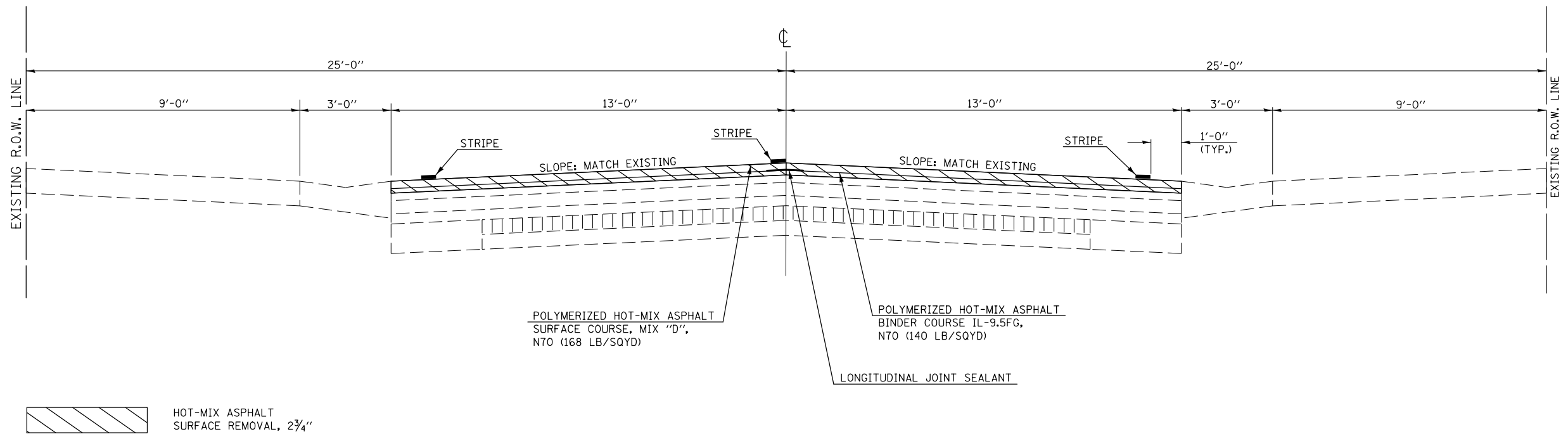
**(B) EXISTING TYPICAL CROSS SECTION (US 45)**

STATION TO STATION  
 (A) 737+59.40 TO 743+95.00 (A)



**(2) PROPOSED TYPICAL CROSS SECTION (US 45)**

STATION TO STATION  
 (1) 737+59.40 TO 743+95.00 (1)



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 DATE: 3/16/2020

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL CROSS SECTION FAS 1671 (US 45)</b>			
SCALE:	SHEET 2	OF 7 SHEETS	STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

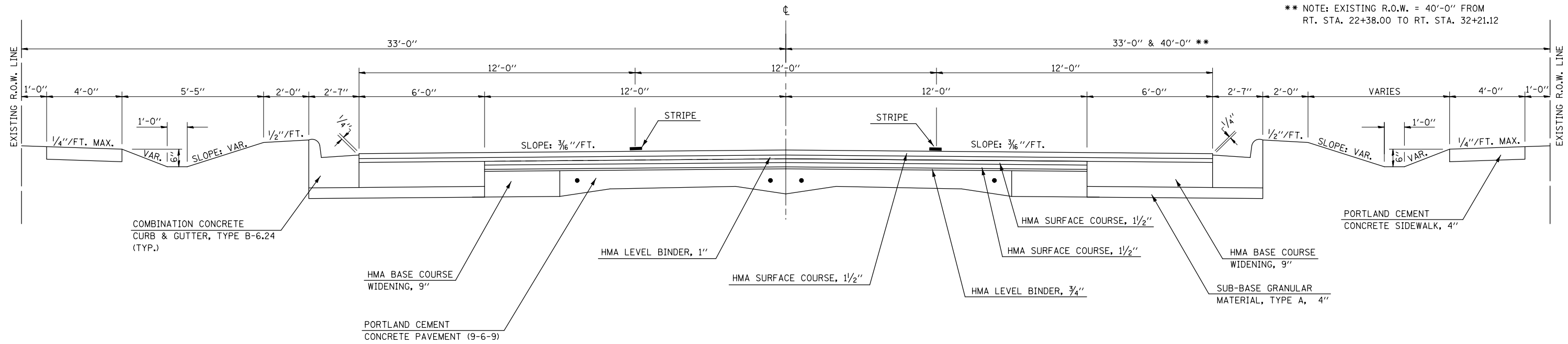
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.SW	DOUGLAS	148	12
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



**(C) EXISTING TYPICAL CROSS SECTION (ILL 133)**

STATION TO STATION  
 0+03.00 TO 6+36.25 (D)  
 11+16.00 TO 32+20.81 (BK) (E)

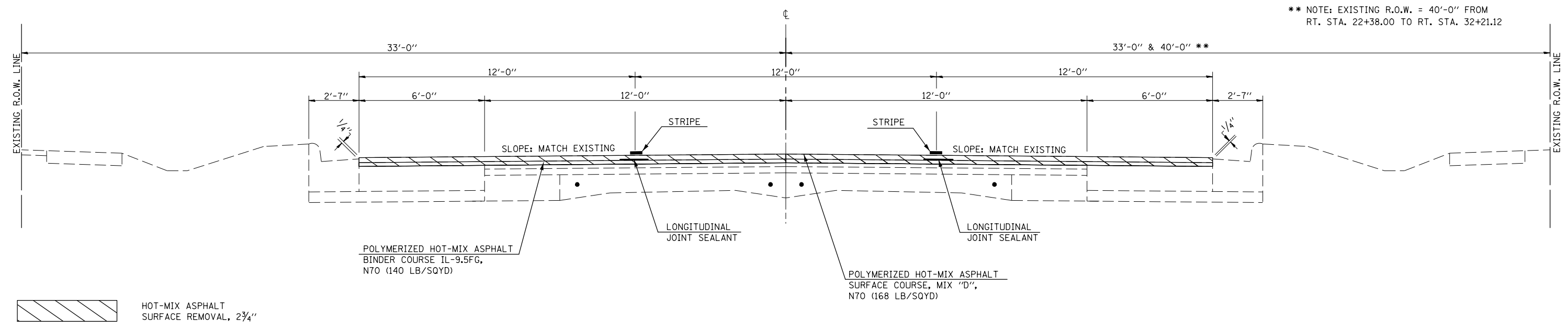
STATION EQUATION:  
 STA. 32+20.81 (BK) =  
 STA. 33+45.63 (AH)



**(3) PROPOSED TYPICAL CROSS SECTION (ILL 133)**

STATION TO STATION  
 0+03.00 TO 6+36.25 (4)  
 11+16.00 TO 32+20.81 (BK) (5)

STATION EQUATION:  
 STA. 32+20.81 (BK) =  
 STA. 33+45.63 (AH)



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION  
 FAP 749 (ILL 133)

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	13
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

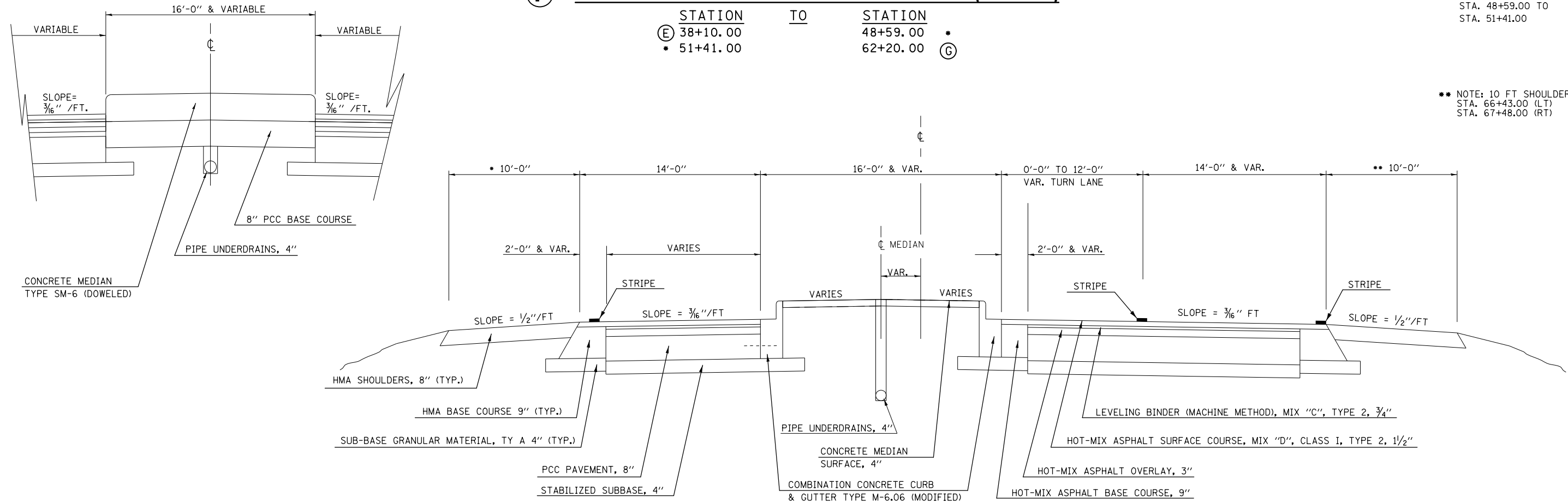




STA. 44+06.00 TO STA. 55+93.00  
 STA. 51+41.00 TO STA. 55+92.00  
 STA. 56+70.00 TO STA. 60+60.00

**F EXISTING TYPICAL CROSS SECTIONS (ILL 133)**

\* STRUCTURE OMISSION:  
 STA. 48+59.00 TO  
 STA. 51+41.00



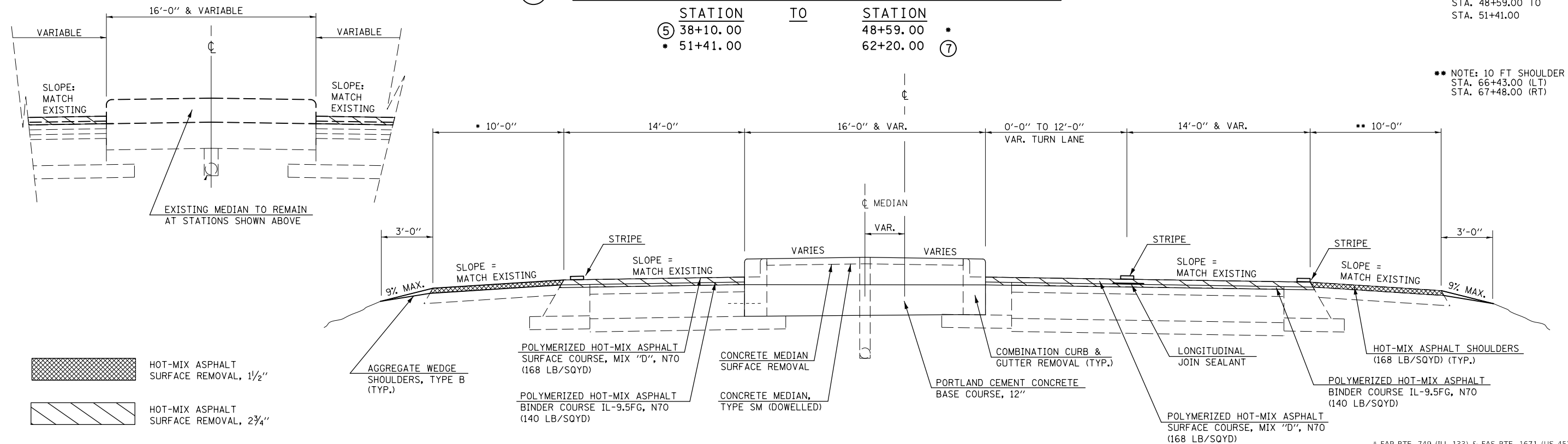
STATION TO STATION  
 (E) 38+10.00 TO 48+59.00 \*  
 \* 51+41.00 62+20.00 (G)

\*\* NOTE: 10 FT SHOULDER ENDS AT  
 STA. 66+43.00 (LT)  
 STA. 67+48.00 (RT)

STA. 44+06.00 TO STA. 55+93.00  
 STA. 51+41.00 TO STA. 55+92.00  
 STA. 56+70.00 TO STA. 60+60.00

**6 PROPOSED TYPICAL CROSS SECTION (ILL 133)**

\* STRUCTURE OMISSION:  
 STA. 48+59.00 TO  
 STA. 51+41.00



STATION TO STATION  
 (5) 38+10.00 TO 48+59.00 \*  
 \* 51+41.00 62+20.00 (7)

\*\* NOTE: 10 FT SHOULDER ENDS AT  
 STA. 66+43.00 (LT)  
 STA. 67+48.00 (RT)

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HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"  
 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
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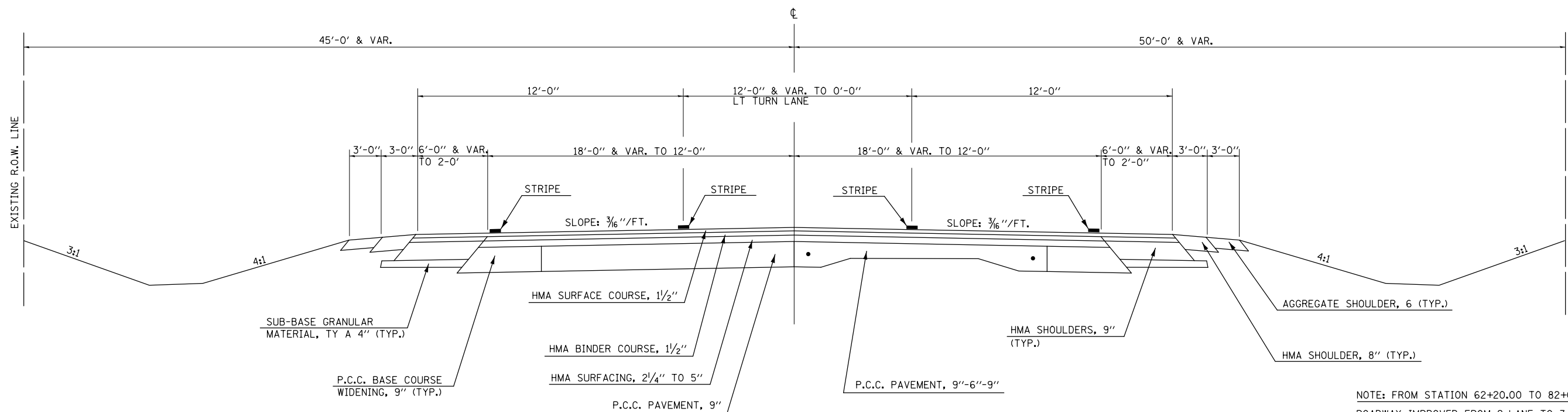
TYPICAL CROSS SECTION			
FAP 749 (ILL 133)			
SCALE:	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	16
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

**⑥ EXISTING TYPICAL CROSS SECTION (ILL 133)**

STATION TO STATION  
 ⑥ 62+20.00 TO 65+24.15 (BK)  
 63+99.15 (AH) TO 80+00.00

STATION EQUATION:  
 STA. 65+24.15 (BK) =  
 STA. 63+99.15 (AH)

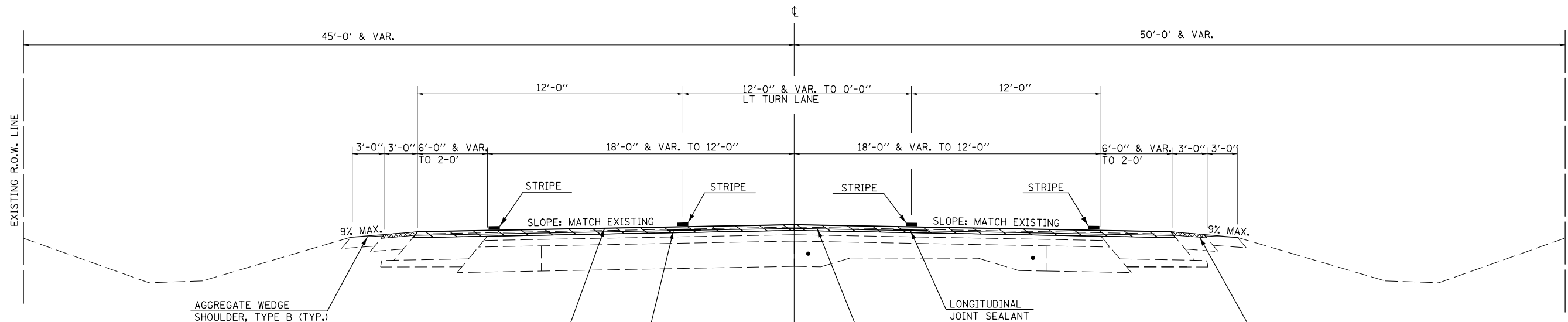


NOTE: FROM STATION 62+20.00 TO 82+01.00 ROADWAY IMPROVED FROM 2-LANE TO 3-LANE WITH HMA 10 FT. & VARIABLE SHOULDERS. CENTERLANE IS LEFT TURN LANE FOR EITHER THE EASTBOUND OR WESTBOUND LANE.

**⑦ PROPOSED TYPICAL CROSS SECTION (ILL 133)**

STATION TO STATION  
 ⑦ 62+20.00 TO 65+24.15 (BK)  
 63+99.15 (AH) TO 80+00.00

STATION EQUATION:  
 STA. 65+24.15 (BK) =  
 STA. 63+99.15 (AH)



NOTE: FROM STATION 62+20.00 TO 82+01.00 ROADWAY IMPROVED FROM 2-LANE TO 3-LANE WITH HMA 10 FT. & VARIABLE SHOULDERS. CENTERLANE IS LEFT TURN LANE FOR EITHER THE EASTBOUND OR WESTBOUND LANE.

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- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION  
 FAP 749 (ILL 133)

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(121)RS-7.5W	DOUGLAS	148	17
			CONTRACT NO. 70710	
		ILLINOIS FED. AID PROJECT		





# SCHEDULE OF QUANTITIES

40600990 TEMPORARY RAMP						
LOCATION	TAPER RATE: 1:40			FIRST TEMPORARY RAMPS (SQ. YD)	SECOND TEMPORARY RAMPS (SQYD)	40600990 QUANTITY (SQYD)
	FIRST APP 2.75" LENGTH (FOOT)	SECOND APP 1.50" LENGTH (FOOT)	WIDTH (FOOT)			
<b>FAS 1671 (US 45)</b>						
723+54.00	9.2	5.0	24.0	24.4	13.3	37.8
SPRINGFIELD (EAST SIDE)	1.0	0.0	146.0	16.2	0.0	16.2
SPRINGFIELD (WEST SIDE)	9.2	0.0	185.0	189.1	0.0	189.1
WASHINGTON ST. (EAST SIDE)	1.0	0.0	100.0	11.1	0.0	11.1
WASHINGTON ST. (WEST SIDE)	1.0	0.0	115.0	12.8	0.0	12.8
MAIN ST. (EAST SIDE)	1.0	0.0	89.0	9.9	0.0	9.9
MAIN ST. (WEST SIDE)	1.0	0.0	115.0	12.8	0.0	12.8
JEFFERSON ST. (EAST SIDE)	1.0	0.0	89.0	9.9	0.0	9.9
JEFFERSON ST. (WEST SIDE)	1.0	0.0	109.0	12.1	0.0	12.1
MADISON ST. (EAST SIDE)	1.0	0.0	87.0	9.7	0.0	9.7
<b>747+74.00</b>						
	9.2	5.0	24.0	24.4	13.3	37.8
TOTAL (US 45) =				332.4	26.7	359.1
USE =				333.0	27.0	360.0
<b>FAP 749 (IL 133)</b>						
0+03.00	9.2	5.0	24	24.5	13.3	37.9
OAK ST. (NORTH SIDE)	1.0	0.0	60	6.7	0.0	6.7
OAK ST. (SOUTH SIDE)	1.0	0.0	60	6.7	0.0	6.7
WATER ST. (NORTH SIDE)	1.0	0.0	35	3.9	0.0	3.9
WATER ST. (SOUTH SIDE)	1.0	0.0	35	3.9	0.0	3.9
LOCOUST ST. (NORTH SIDE)	1.0	0.0	60	6.7	0.0	6.7
LOCOUST ST. (SOUTH SIDE)	1.0	0.0	60	6.7	0.0	6.7
COLLINS ST. (NORTH SIDE)	1.0	0.0	36	4.0	0.0	4.0
COLLINS ST. (SOUTH SIDE)	1.0	0.0	25	2.8	0.0	2.8
PINE ST. (NORTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
PINE ST. (SOUTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
CHURCH ST. (NORTH SIDE)	1.0	0.0	35	3.9	0.0	3.9
RIDGE ST. (NORTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
RIDGE ST. (SOUTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
ASH ST. (NORTH SIDE)	1.0	0.0	45	5.0	0.0	5.0
ELM ST. (NORTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
ELM ST. (SOUTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
KELLY MOORE ST. (NORTH SIDE)	1.0	0.0	45	5.0	0.0	5.0
SHELDON DR. (NORTH SIDE)	1.0	0.0	50	5.6	0.0	5.6
JACQUES ST. (SOUTH SIDE)	1.0	0.0	70	7.8	0.0	7.8
48+59.00	9.2	5.0	24	24.5	13.3	37.9
51+41.00	9.2	5.0	24	24.5	13.3	37.9
80+00.00	9.2	5.0	24	24.5	13.3	37.9
TOTAL (IL 133) =				199.9	53.3	253.2
USE =				200.0	54.0	254.0
TOTAL =				533.0	81.0	614.0
						SQ YD

40800029 BITUMINOUS MATERIAL (TACK COAT) 40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING X4400196 HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL								
LOCATION	STA.	OFFSET	THICKNESS (INCH)	AREA (SQ FT)	X4400196	40800050	40800029	
					HMA SURFACE REM SPECIAL (SQ YD)	INC. HMA SURF. (TON)	BIT MATLS (TACK COAT) .05 (LB/SQFT)	
<b>LOCATION FAS 1671 (US 45)</b>								
WASHINGTON ST. (WEST SIDE)	733+18.88	(LT)	1.5	1248.0	138.7	11.6	62.4	
WASHINGTON ST. (EAST SIDE)	733+18.88	(RT)	1.5	4206.0	467.3	39.3	210.3	
MAIN ST. (WEST SIDE)	737+90.00	(LT)	1.5	1712.0	190.2	16.0	85.6	
MAIN ST. (EAST SIDE)	737+90.00	(RT)	1.5	4854.0	539.3	45.3	242.7	
JEFFERSON ST. (WEST SIDE)	742+60.32	(LT)	1.5	934.0	103.8	8.7	46.7	
JEFFERSON ST. (EAST SIDE)	742+60.32	(RT)	1.5	4150.0	461.1	38.7	207.5	
MADISON ST. (WEST SIDE)	747+30.28	(LT)	1.5	884.0	98.2	8.3	44.2	
TOTAL (US 45) =					17988.0	1998.7	167.9	899.4
USE =					17988.0	1999.0	168.0	900.0
<b>LOCATION FAP 794 (ILL 133)</b>								
C.E	38+35.10	(RT)	1.5	1626.0	180.7	15.2	81.3	
C.E	61+01.00	(RT)	1.5	1435.0	159.4	13.4	71.8	
C.E	61+06.05	(LT)	1.5	5733.0	637.0	53.5	286.7	
INDUSTRIAL DR.	62+60.05	(LT)	1.5	5698.0	633.1	53.2	284.9	
C.E	63+82.06	(LT)	1.5	1325.0	147.2	12.4	66.3	
C.E	64+66.29	(LT)	1.5	1166.0	129.6	10.9	58.3	
C.E	65+66.40	(LT)	1.5	1533.0	170.3	14.3	76.7	
C.E	66+75.57	(LT)	1.5	1568.0	174.2	14.6	78.4	
C.E	69+42.51	(LT)	1.5	1203.0	133.7	11.2	60.2	
C.E	69+57.48	(LT)	1.5	1169.0	129.9	10.9	58.5	
EGYPTIAN TRAL RD	73+03.00	(LT)	1.5	1536.0	170.7	14.3	76.8	
EGYPTIAN TRAL RD	73+03.00	(RT)	1.5	1585.0	176.1	14.8	79.3	
P.E	76+05.00	(RT)	1.5	314.0	34.9	2.9	15.7	
MBTO	76+05.00	(RT)	1.5	228.0	25.3	2.1	11.4	
TOTAL (IL 133) =					26119.0	2902.1	243.8	1306.0
USE =					26119.0	2903.0	244.0	1306.0
TOTAL =					44107.0	4902.0	412.0	2206.0
					SQ FT	SQ YD	TON	LB/SQ FT

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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 3 OF 17 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	20
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



# SCHEDULE OF QUANTITIES

40600290 BITUMINOUS MATERIALS (TACK COAT)											
44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"											
44000160 HOT-MIX ASPHALT SURFACE REMOVAL, 2-3/4"											
48203100 HOT-MIX ASPHALT SHOULDERS											
STA.	TO	STA.	OFFSET	LENGTH (FOOT)	(AVG) WIDTH (FOOT)	DEPTH (INCHES)	TOTAL (SQ YD)	48203100 HMA SHOULDERS (TON)	40600290 BIT MATLS TACK COAT .05 (LB/SQ FT)	44000155 HMA SURF REM 1-1/2" (SQ YD)	44000160 HMA SURF REM, 2-3/4" (SQ YD)
LOCATION FAP 749 (ILL 133)											
35+57.00		41+83.67	(LT)	626.7	10.0	1.5	696.3	58.5	313.3	696.3	0.0
43+49.54		47+71.00	(LT)	421.5	10.0	1.5	468.3	39.3	210.7	468.3	0.0
47+71.00		48+38.23	(LT)	67.2	7.5	1.5	56.02	4.7	25.2	56.0	0.0
48+38.23		48+59.00	(LT)	20.8	5.0	1.5	11.5	1.0	5.2	11.5	0.0
51+41.00		53+85.00	(LT)	244.0	7.5	1.5	203.3	17.1	91.5	203.3	0.0
53+85.00		56+46.00	(LT)	261.0	10.0	1.5	290.0	24.4	130.5	290.0	0.0
57+79.00		61+78.70	(LT)	399.7	10.0	1.5	444.1	37.3	199.9	444.1	0.0
63+12.71		63+58.50	(LT)	45.8	10.0	1.5	50.9	4.3	22.9	50.9	0.0
64+08.50		64+41.50	(LT)	33.0	10.0	1.5	36.7	3.1	16.5	36.7	0.0
64+81.50		65+24.15	(LT)	42.6	10.0	1.5	47.4	4.0	21.3	47.4	0.0
65+24.15		63+99.15	STATION EQUATION: 65+24.15 (BK) = 63+99.15 (AH)								
63+99.15		64+91.50	(LT)	92.4	10.0	1.5	102.6	8.6	46.2	102.6	0.0
64+91.50		64+35.80	(LT)	69.0	10.0	1.5	76.7	6.4	34.5	76.7	0.0
65+00.00		66+44.50	(LT)	144.5	10.0	1.5	160.6	13.5	72.3	160.6	0.0
67+10.20		69+15.00	(LT)	204.8	3.0	2.75	68.3	10.5	30.7	0.0	68.3
69+69.80		70+29.70	(LT)	59.9	3.0	2.75	20.0	3.1	9.0	0.0	20.0
70+81.10		71+94.00	(LT)	112.9	3.0	2.75	37.6	5.8	16.9	0.0	37.6
73+60.00		80+00.00	(LT)	640.0	3.0	2.75	213.3	32.9	96.0	0.0	213.3
38+67.30		42+03.00	(RT)	335.7	10.0	1.5	373.0	31.3	167.9	373.0	0.0
43+51.60		46+30.00	(RT)	278.4	10.0	1.5	309.3	26.0	139.2	309.3	0.0
46+30.00		48+59.00	(RT)	229.0	7.5	1.5	190.8	16.0	85.9	190.8	0.0
51+41.00		51+62.00	(RT)	21.0	5.0	1.5	11.7	1.0	5.3	11.7	0.0
51+62.00		52+05.00	(RT)	43.0	7.5	1.5	35.8	3.0	16.1	35.8	0.0
52+05.00		56+56.80	(RT)	451.8	10.0	1.5	502.0	42.2	225.9	502.0	0.0
57+77.00		60+73.75	(RT)	296.8	10.0	1.5	329.7	27.7	148.4	329.7	0.0
61+29.50		61+82.00	(RT)	52.5	10.0	1.5	58.3	4.9	26.3	58.3	0.0
63+32.48		65+24.15	(RT)	191.7	10.0	1.5	213.0	17.9	95.8	213.0	0.0
65+24.15		63+99.15	STATION EQUATION: 65+24.15 (BK) = 63+99.15 (AH)								
63+99.15		65+99.15	(RT)	200.0	3.0	1.5	66.7	5.6	30.0	66.7	0.0
67+49.50		72+42.00	(RT)	492.5	3.0	2.75	164.2	25.3	73.9	0.0	164.2
73+80.00		75+83.35	(RT)	203.4	3.0	2.75	67.8	10.4	30.5	0.0	67.8
76+78.50		80+00.00	(RT)	321.5	3.0	2.75	107.2	16.5	48.2	0.0	107.2
TOTAL =								502.2	2435.9	4734.7	678.3
USE =								503.0	2436.0	4735.0	679.0
TON									LB/SQ FT	SQ YD	SQ YD

48102100 AGGREGATE WEDGE SHOULDERS, TYPE B								
STA.	TO	STA.	LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (FOOT)	QUANTITY (TON)	
LOCATION: FAP 749 (ILL 133)								
37+88.00		42+11.00	LT SHOULDER	423.0	3.0	0.08	6.8	
43+49.00		48+38.00	LT SHOULDER	489.0	3.0	0.08	7.8	
51+63.00		56+46.00	LT SHOULDER	483.0	3.0	0.08	7.7	
57+79.00		61+76.00	LT SHOULDER	397.0	3.0	0.08	6.4	
67+10.00		69+15.00	LT SHOULDER	205.0	3.0	0.08	3.3	
69+69.00		70+29.00	LT SHOULDER	60.0	3.0	0.08	1.0	
70+81.00		71+94.00	LT SHOULDER	113.0	3.0	0.08	1.8	
73+73.00		75+85.00	LT SHOULDER	212.0	3.0	0.08	3.4	
76+27.00		80+00.00	LT SHOULDER	373.0	3.0	0.08	6.0	
38+67.00		42+03.00	RT SHOULDER	336.0	3.0	0.08	5.4	
43+51.00		48+38.00	RT SHOULDER	487.0	3.0	0.08	7.8	
51+62.00		56+56.00	RT SHOULDER	494.0	3.0	0.08	7.9	
57+77.00		60+73.00	RT SHOULDER	296.0	3.0	0.08	4.7	
61+30.00		61+82.00	RT SHOULDER	52.0	3.0	0.08	0.8	
63+32.00		65+24.15	STATION EQUATION		192.2	3.0	0.08	3.1
63+99.15		66+00.00	65+24.15 (BK) = 63+99.15 (AH)		200.9	3.0	0.08	3.2
67+50.00		72+40.00	RT SHOULDER	490.0	3.0	0.08	7.8	
74+21.00		75+83.00	RT SHOULDER	162.0	3.0	0.08	2.6	
76+34.00		80+00.00	RT SHOULDER	366.0	3.0	0.08	5.9	
TOTAL =							93.3	
USE =							94.0	
TON								

42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH			
44000600 SIDEWALK REMOVAL			
42400800 DETECTABLE WARNINGS			
	42400200 PC CONC SIDEWALK 5" (SQ FT)	44000600 SIDEWALK REMOVAL (SQ FT)	42400800 DETECTABLE WARNINGS (SQ FT)
LOCATION FAS 1671 (US 45)			
LOCATION 1	SPRINGFIELD AVE. S.W. CORNER	38.0	40.0
LOCATION 2	SPRINGFIELD AVE. N.W. CORNER	110.0	125.0
LOCATION 11	SPRINGFIELD AVE. N.E. CORNER	136.0	8.0
LOCATION 3	WASHINGTON ST. N.W. CORNER	42.0	43.0
LOCATION 4	WASHINGTON ST. N.E. CORNER	76.0	72.0
LOCATION 5	MAIN ST. S.W. CORNER	318.0	318.0
LOCATION 6	MAIN ST. N.W. CORNER	179.0	141.0
LOCATION 7	MAIN ST. N.E. CORNER	78.0	136.0
LOCATION 8	MAIN ST. S.E. CORNER	70.0	65.0
LOCATION 9	JEFFERSON ST. S.W. CORNER	60.0	31.0
LOCATION 10	JEFFERSON ST. S.E. CORNER	231.0	231.0
TOTAL (US 45) =		1338.0	119.0
USE =		1338.0	119.0

QUANTITIES CONTINUED ON SHEET #22

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 4 OF 17 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	21
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				





# SCHEDULE OF QUANTITIES

60235700 INLETS, TYPE A, TYPE 3 FRAME AND GRATE  
 60235300 INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID  
 550A0070 STORM SEWER, CLASS A, 1 15"

LOCATION FAS 1671 (US 45)

MAIN ST. (S.E. QUAD)		60235700	550A0070	TO	STA	OFFSET	60235300	PROPOSED	TO	STA	OFFSET	EXISTING
STA.	OFFSET	INLETS, TYPE A TYPE 3 FRAME & GRATE PIPE INVERT ELEV.	STORM SEWER, CLASS A, TYPE 1 15" (FOOT)			OFFSET	INLETS, TYPE A TYPE 1 FRAME CLOSED LID PIPE INVERT ELEV.	PIPE INVERT LEAVING INLET ELEV			OFFSET	PIPE INVERT ENTERING MAIN (ELEV.)
737+45.00	(RT) 19.8	672.75	28.0		737+74.00	(RT) 16.0	672.41	672.39		737+89.00	(RT) 5.0	672.19

MAIN ST. (N.E. QUAD)		60235700	550A0070	TO	STA	OFFSET	60235300	PROPOSED	TO	STA	OFFSET	EXISTING
STA.	OFFSET	INLETS, TYPE A TYPE 3 FRAME & GRATE PIPE INVERT ELEV.	STORM SEWER, CLASS A, TYPE 1 15" (FOOT)			OFFSET	INLETS, TYPE A TYPE 1 FRAME CLOSED LID PIPE INVERT ELEV.	PIPE INVERT LEAVING INLET ELEV			OFFSET	PIPE INVERT ENTERING MAIN (ELEV.)
738+30.00	(RT) 22.4	671.95	13.0		738+15.62	(RT) 20.5	671.80	671.78		737+89.00	(RT) 5.0	671.49

MAIN ST. (S.W. QUAD)		60235700	550A0070	TO	STA	OFFSET	EXISTING
STA.	OFFSET	INLETS, TYPE A TYPE 3 FRAME & GRATE PIPE INVERT ELEV.	STORM SEWER, CLASS A, TYPE 1 15" (FOOT)			OFFSET	PIPE INVERT ENTERING MAIN (ELEV.)
737+63.00	(LT) 34.3	671.95	46.0		737+89.00	(RT) 5.0	671.49
	QTY=	3.0 EACH	87.0 FOOT			QTY =	2.0 EACH

60500060 REMOVING INLETS 60500305 FILL INLETS				
LOCATION FAS 1671 (US 45)				
LOCATION	STA	OFFSET	60500060 REMOVE INLETS (EACH)	60500305 FILL INLETS (EACH)
MAIN ST. (LOCATION 5)	737+63.00	(LT) 34.3	1.0	
MAIN ST. (LOCATION 7)	738+25.00	(RT) 26.5	1.0	
MAIN ST. (LOCATION 8)	737+56.00	(RT) 29.8		1.0
TOTAL =			2.0	1.0
			EACH	EACH

X0325405 FILL EXISTING STORM SEWERS								
LOCATION FAS 1671 (US 45)								
LOCATION	STA	OFFSET	TO	STA	OFFSET	LENGTH	PIPE DIA.	QUANTITY
MAIN ST. (S.E. CORNER)	737+57.08	(RT) 29.5		737+68.44	(RT) 20.8	22.0	12"	0.63
TOTAL =								0.63
USE =								1.00
								CU YD

20800150 TRENCH BACKFILL  
 550A0070 STORM SEWERS, CLASS A, TYPE 1 15"  
 44201389 CLASS C PATCHES, TYPE II, 13 INCH  
 44201394 CLASS C PATCHES, TYPE III, 13 INCH  
 44201396 CLASS C PATCHES, TYPE IV, 13 INCH

LOCATION FAS 1671 (US 45)													
LOCATION	STA.	OFFSET	STA	OFFSET	LENGTH	AVG.	PATCH AVE.	TRENCH	STORM SEW	CL C PATCH	CL C PATCH	CL C PATCH	
		(FOOT)		(FOOT)	(FOOT)	DEPTH	WIDTH	BACKFILL	CL A 1, 15"	T2, 13"	T3, 13"	T4, 13"	
MAIN ST. (S.W. QUAD)	737+63.00	(LT) 33.1	737+89.00	(RT) 5.01	46.0	3.75	2.8	18.0	46.0	0.0	0.0	25.5	
MAIN ST. (N.E. QUAD)	738+17.00	(RT) 20.7	738+29.00	(RT) 22.0	13.0	3.75	2.8	9.0	13.0	7.2	0.0	0.0	
MAIN ST. (S.E. QUAD)	737+45.00	(RT) 19.6	737+73.00	(RT) 16.1	28.0	3.75	2.8	12.0	28.0	0.0	16.6	0.0	
TOTAL =									39.0	87.0	7.2	16.6	25.5
USE =									39.0	87.0	8.0	17.0	26.0
									CU YD	FOOT	SQ YD	SQ YD	SQ YD

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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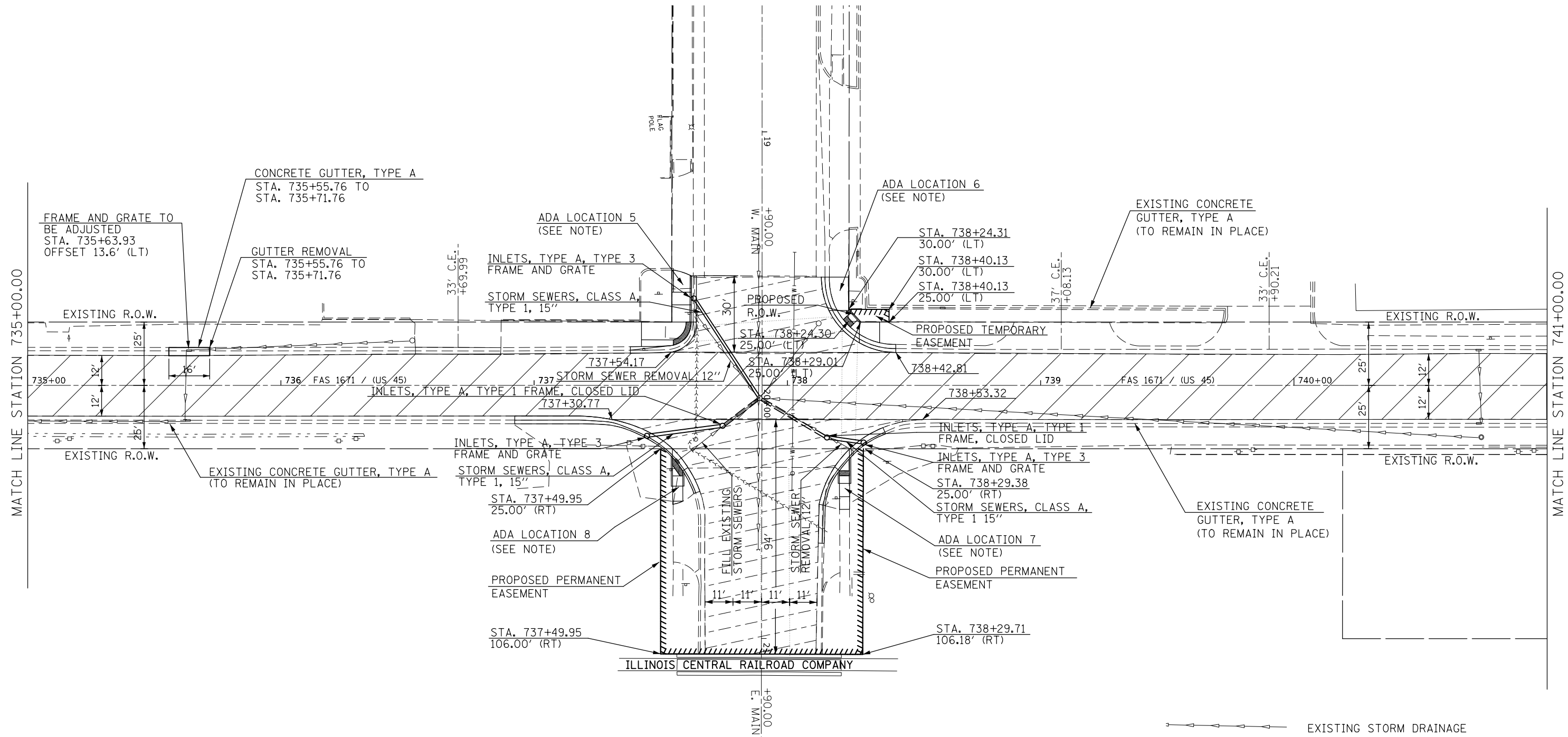












**\*NOTE:**

ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS

- EXISTING STORM DRAINAGE
- HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL
- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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 OFFICE: \\OFFICE\NAME  
 DATE: 3/16/2020

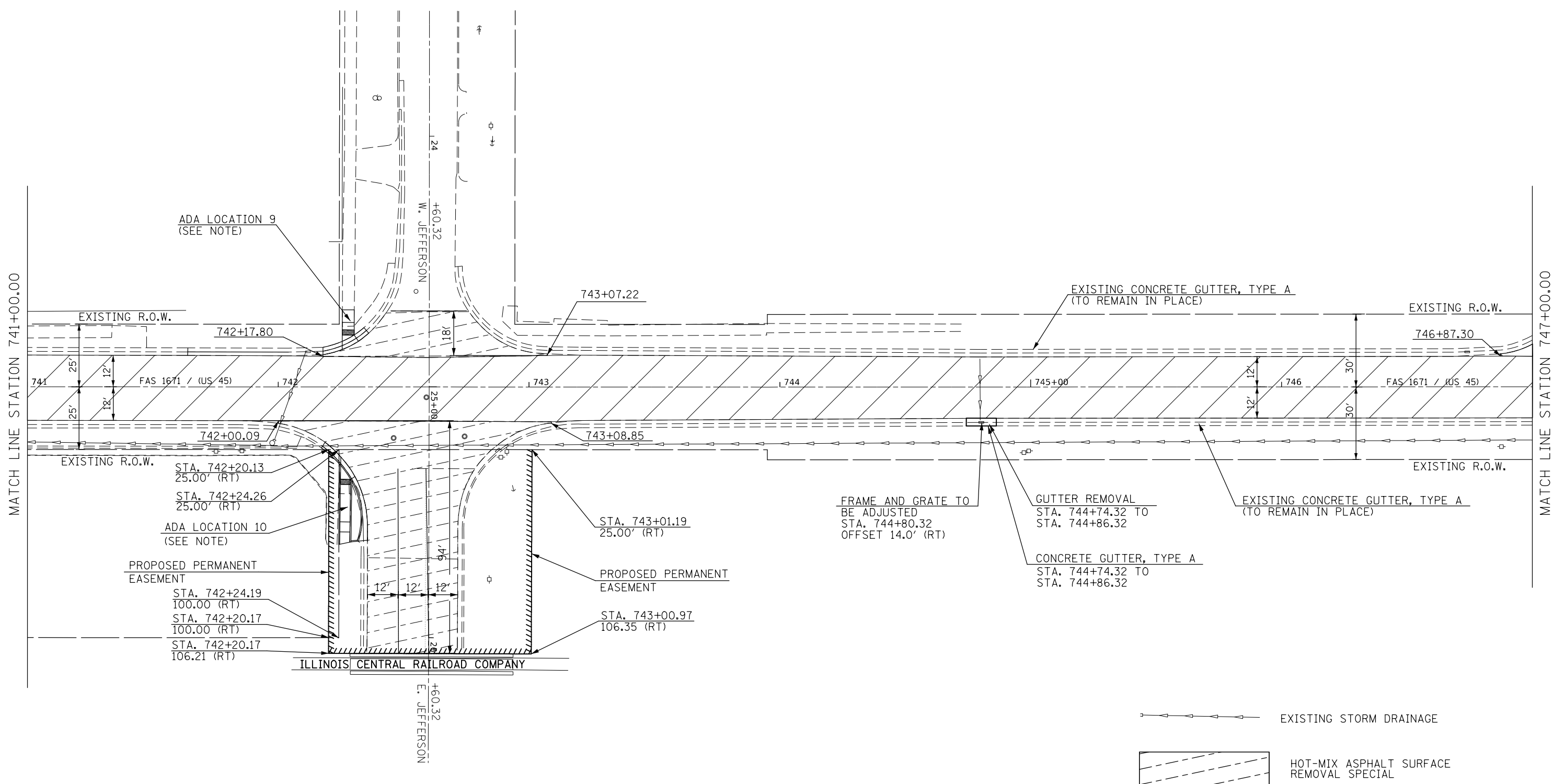
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

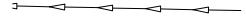

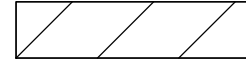
**PLAN SHEET  
FAS 1671 / (US 45)**

SCALE: SHEET 3 OF 19 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	37
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				



**\*NOTE:**  
ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS

-  EXISTING STORM DRAINAGE
-  HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL
-  HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"

MODEL: \\MODEL\NAME  
FILE: \\NAME: \\path\to\file.dwg  
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DRAWING: \\DRAWING\NAME  
DATE: 3/16/2020

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

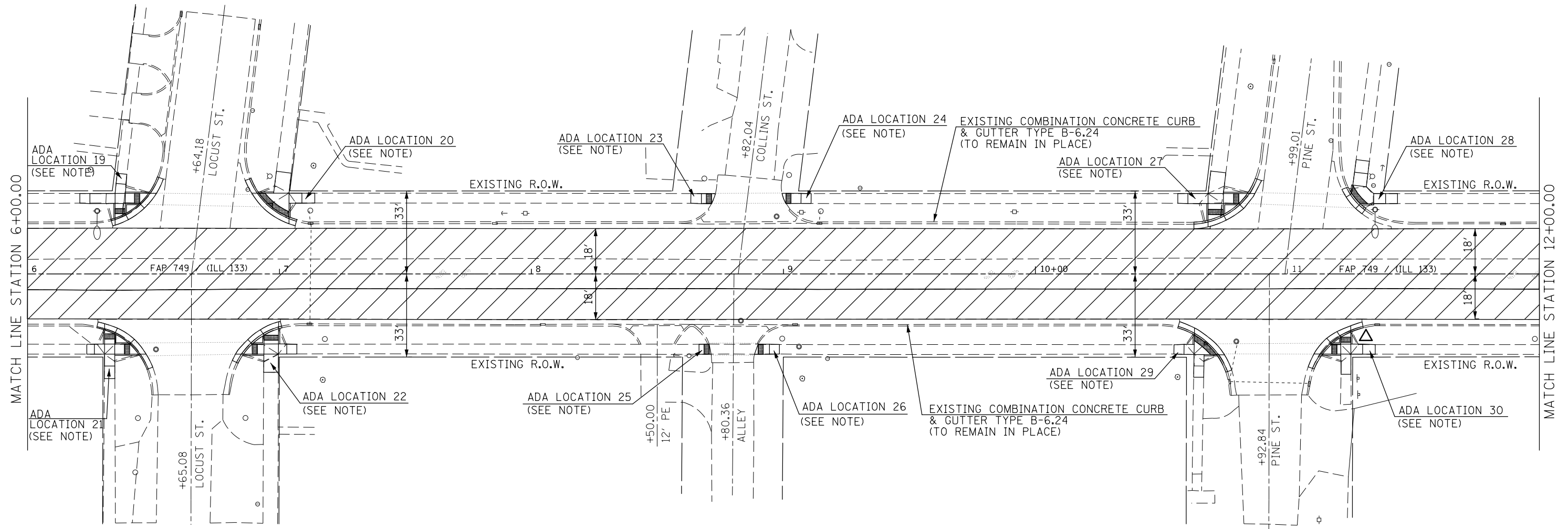
<b>PLAN SHEET</b>	
<b>FAS 1671 / (US 45)</b>	
SCALE:	SHEET 4 OF 19 SHEETS
STA.	TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	38
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



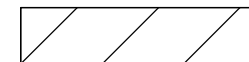


SEC. 5, TWP 14N, RNG 8E, 3RD P.M.



**\*NOTE:**

ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS



HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

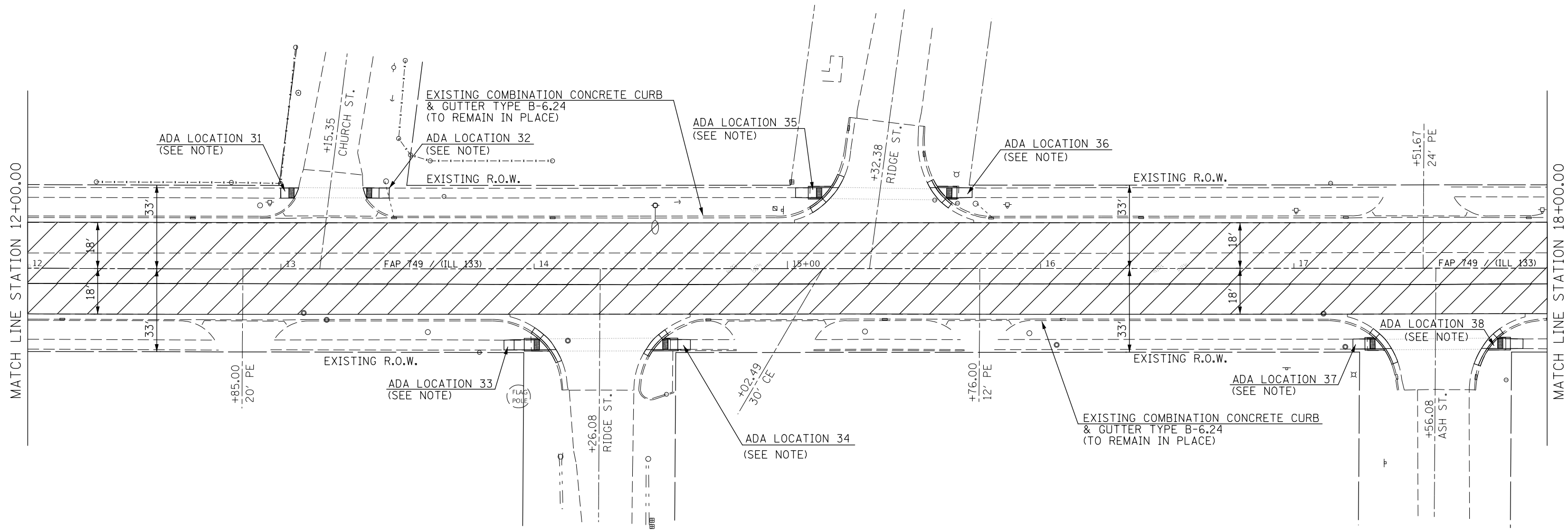
**PLAN SHEET  
FAP 749 / (ILL 133)**

SCALE: SHEET 7 OF 19 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	41
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

SEC. 5, TWP 14N, RNG 8E, 3RD P.M.



\*NOTE:  
ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS

 HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

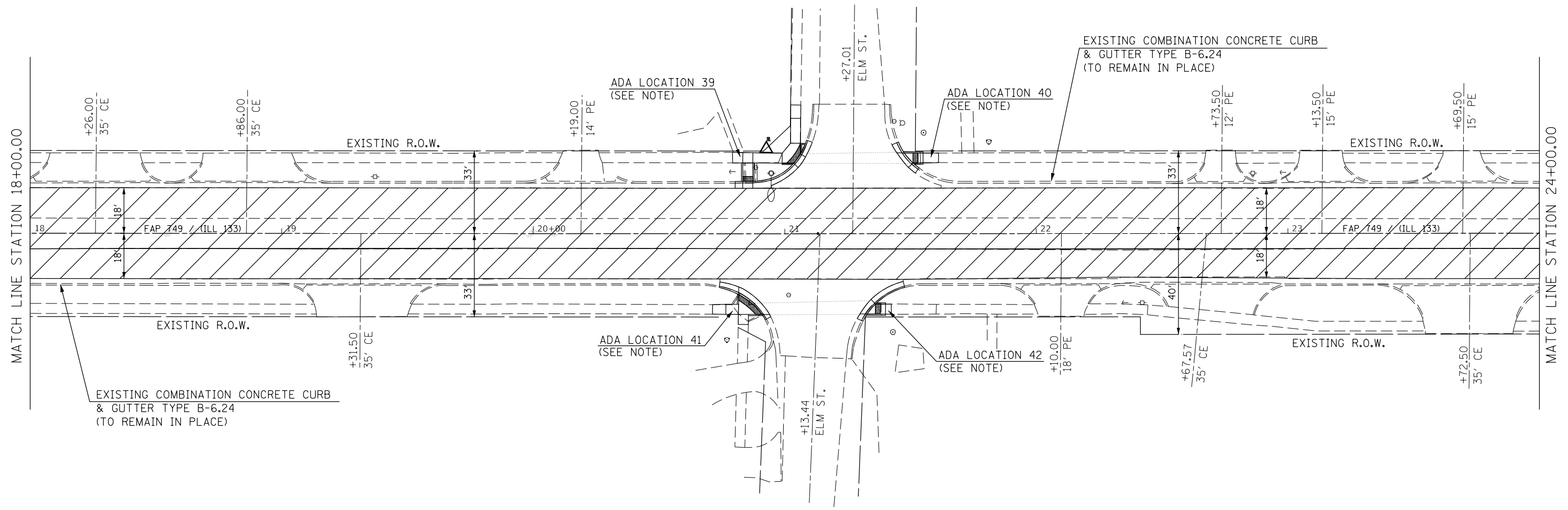
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

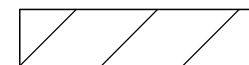
<b>PLAN SHEET</b>			
<b>FAP 749 / (ILL 133)</b>			
SCALE:	SHEET 8	OF 19 SHEETS	STA. TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	42
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



**\*NOTE:**

ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS



HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

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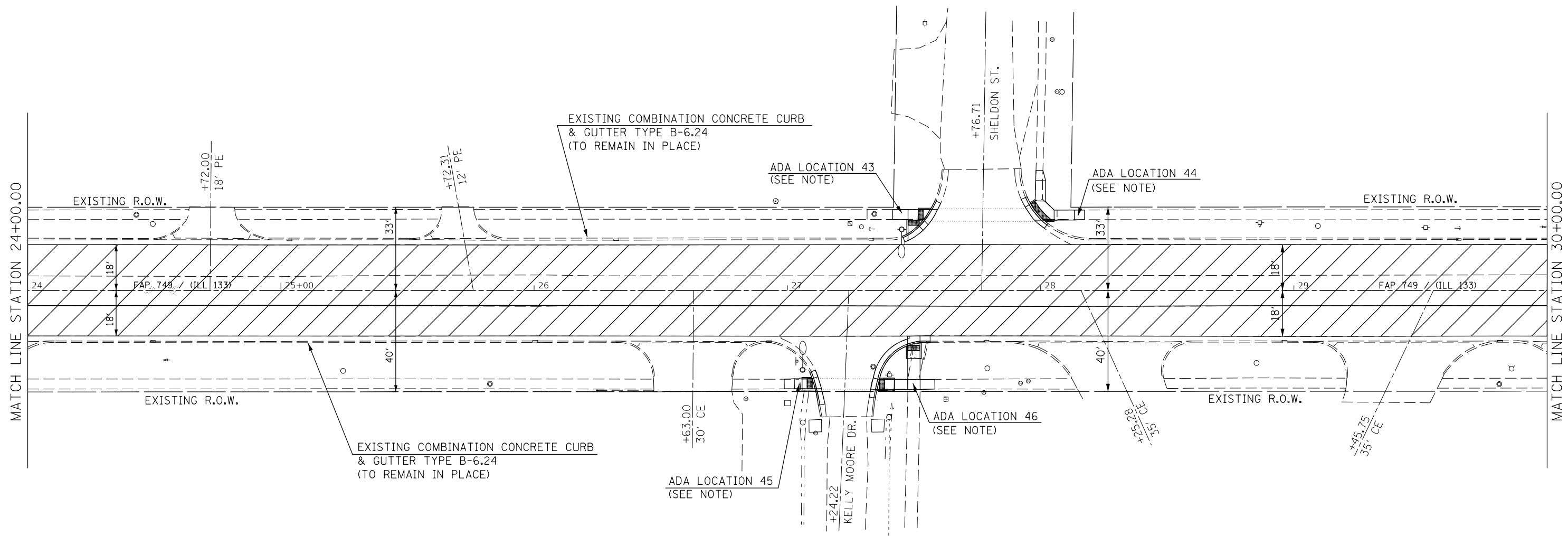
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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>	
<b>FAP 749 / (ILL 133)</b>	
SCALE:	SHEET 9 OF 19 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	43
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				



**\*NOTE:**  
ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS

 HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
FAP 749 / (ILL 133)**

SCALE: SHEET 10 OF 19 SHEETS STA. TO STA.

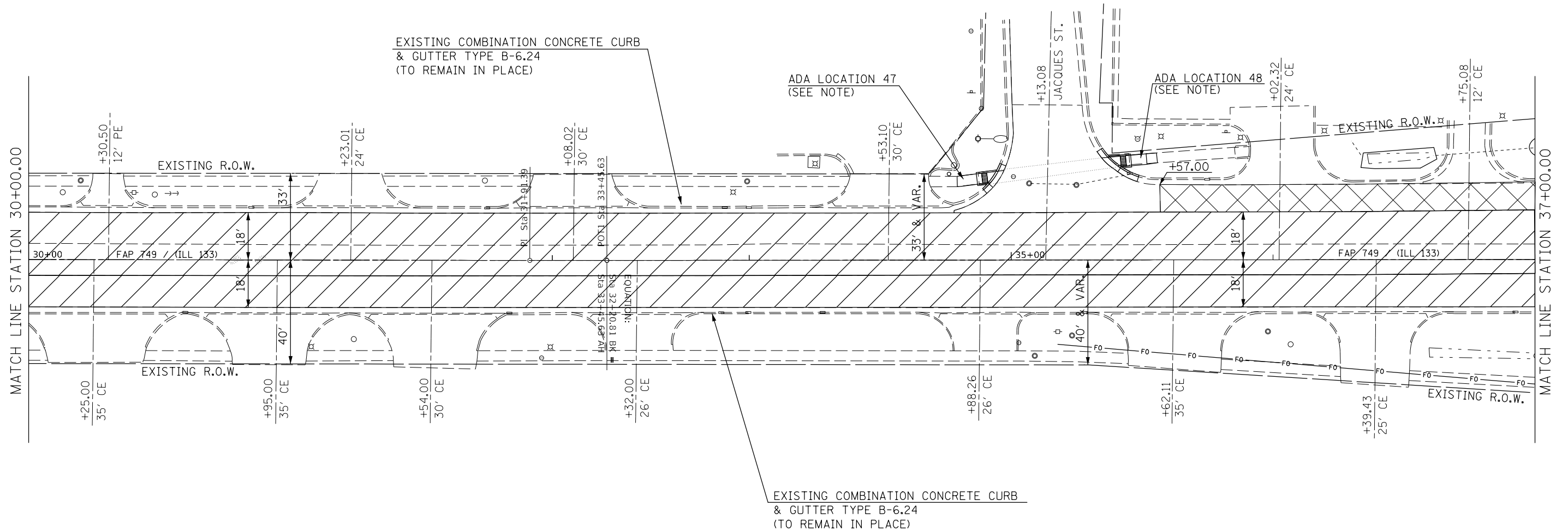
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	44
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				



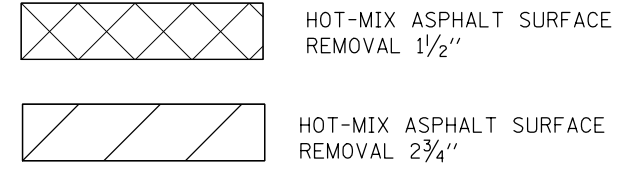
SEC. 5, TWP 14N, RNG 8E, 3RD P.M.



STATION EQUATION:  
 STA. 32+20.81 (BK) =  
 STA. 33+45.63 (AH)



\*NOTE:  
 ADA SIDEWALK RAMPS ARE SHOWN ON DETAIL PLAN SHEETS



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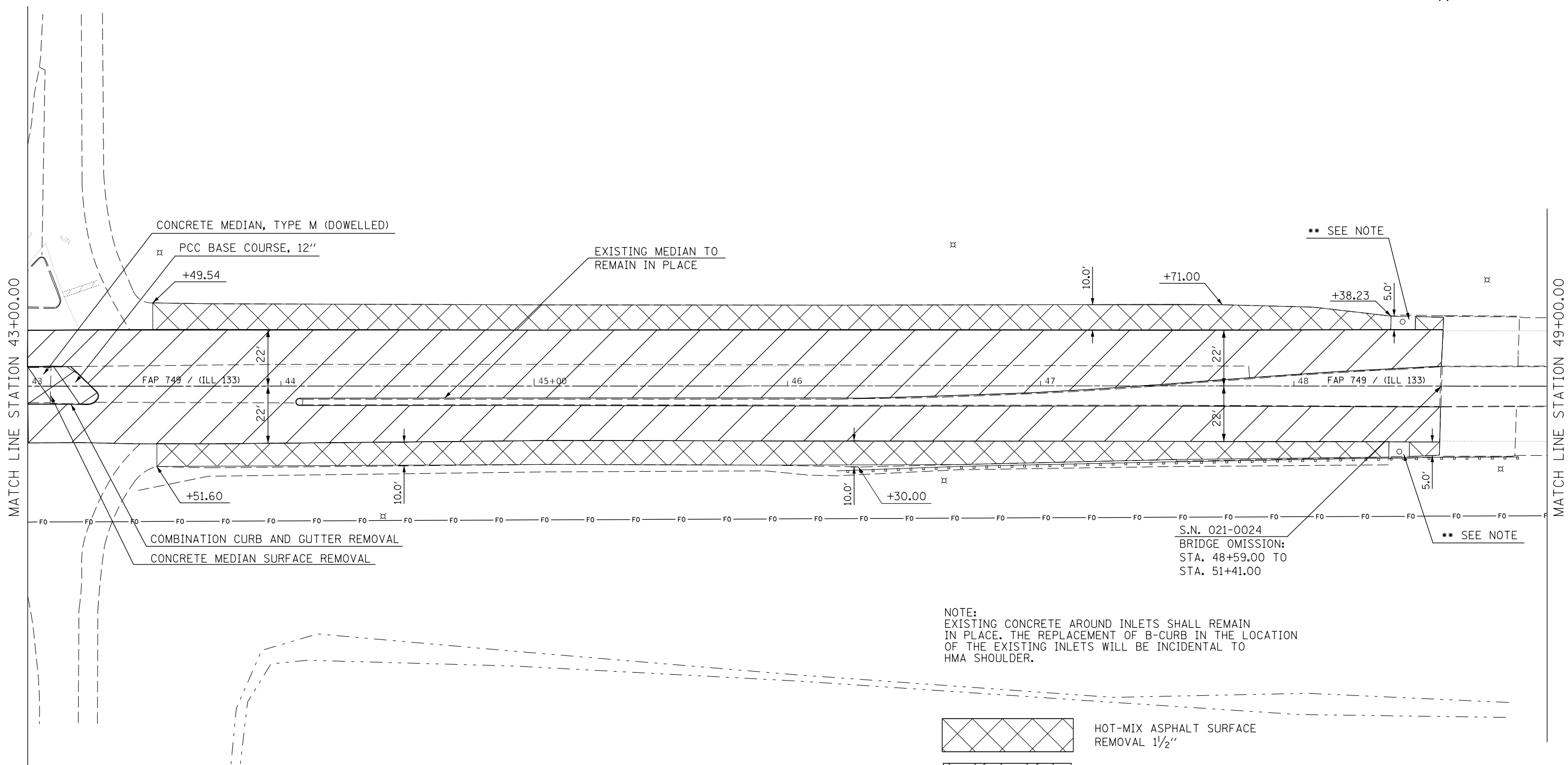
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



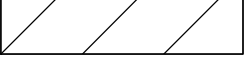
<b>PLAN SHEET</b>	
<b>FAP 749 / (ILL 133)</b>	
SCALE:	SHEET 11 OF 19 SHEETS
STA.	TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	45
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				





NOTE:  
EXISTING CONCRETE AROUND INLETS SHALL REMAIN  
IN PLACE. THE REPLACEMENT OF B-CURB IN THE LOCATION  
OF THE EXISTING INLETS WILL BE INCIDENTAL TO  
HMA SHOULDER.

-  HOT-MIX ASPHALT SURFACE  
REMOVAL 1 1/2"
-  CONCRETE MEDIAN SURFACE REMOVAL
-  HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

S.N. 021-0024  
BRIDGE OMISSION:  
STA. 48+59.00 TO  
STA. 51+41.00

MODEL: 4-MODELNAME  
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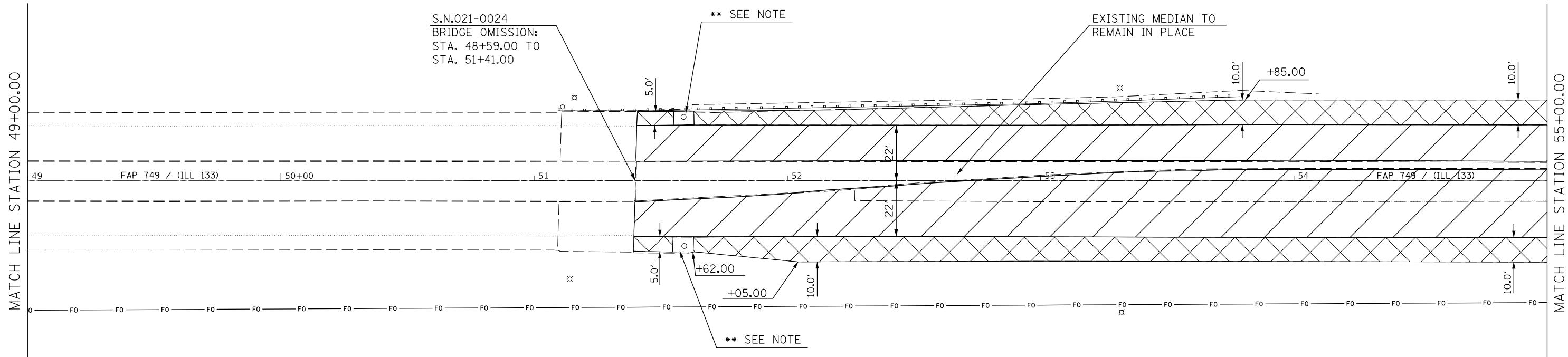
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PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>	
<b>FAP 749 / (ILL 133)</b>	
SCALE:	SHEET 13 OF 19 SHEETS STA. TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	47
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				

SEC. 5, TWP 14N, RNG 8E, 3RD P.M.



S.N.021-0024  
BRIDGE OMISSION:  
STA. 48+59.00 TO  
STA. 51+41.00

\*\* SEE NOTE

EXISTING MEDIAN TO  
REMAIN IN PLACE

\*\* SEE NOTE

NOTE:  
EXISTING CONCRETE AROUND INLETS SHALL REMAIN  
IN PLACE. THE REPLACEMENT OF B-CURB IN THE LOCATION  
OF THE EXISTING INLETS WILL BE INCIDENTAL TO  
HMA SHOULDER.

- HOT-MIX ASPHALT SURFACE  
REMOVAL 1 1/2"
- HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

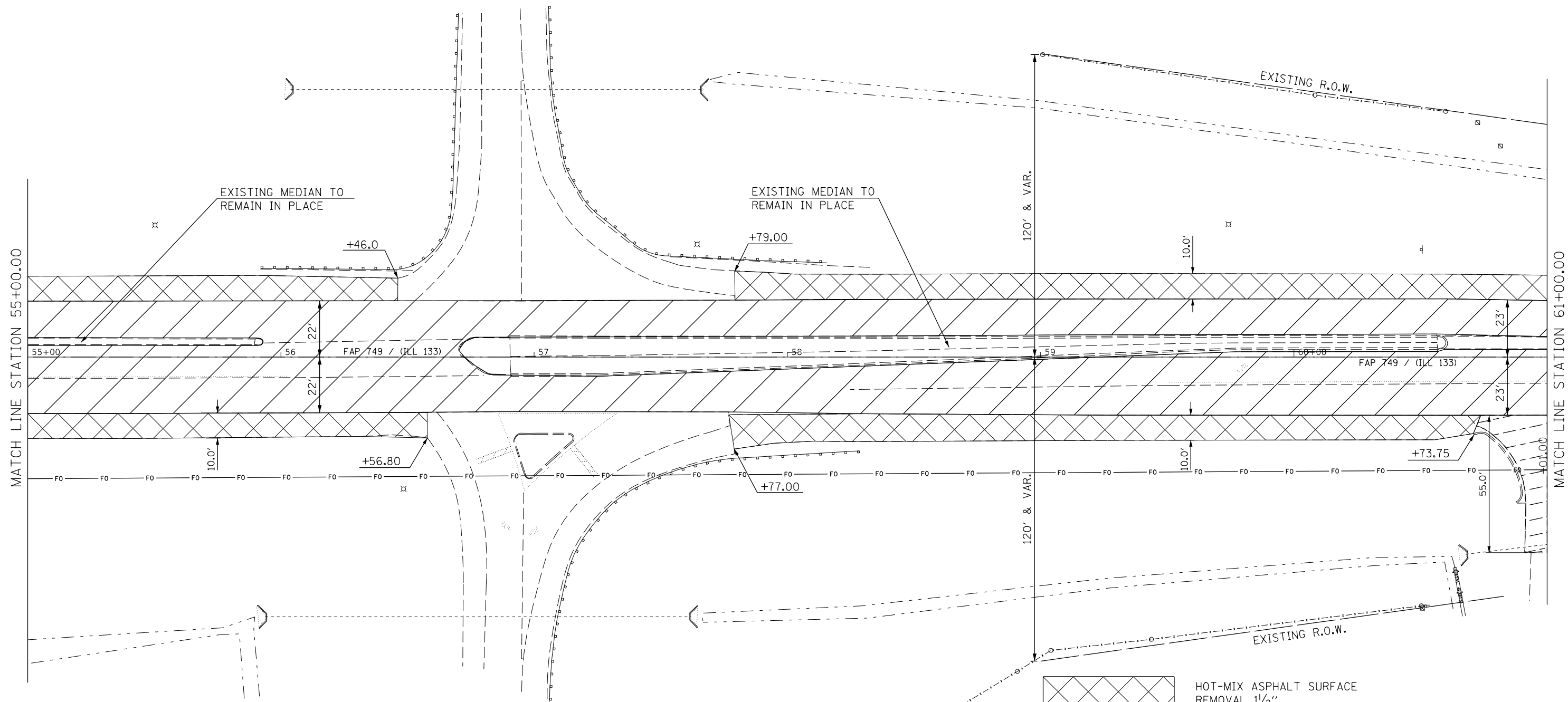
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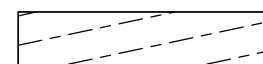
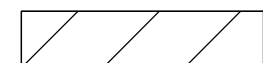
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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
<b>FAP 749 / (ILL 133)</b>			
SCALE:	SHEET 14	OF 19 SHEETS	STA. TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	48
			CONTRACT NO. 70710	
			ILLINOIS FED. AID PROJECT	



-  HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL SPECIAL
-  HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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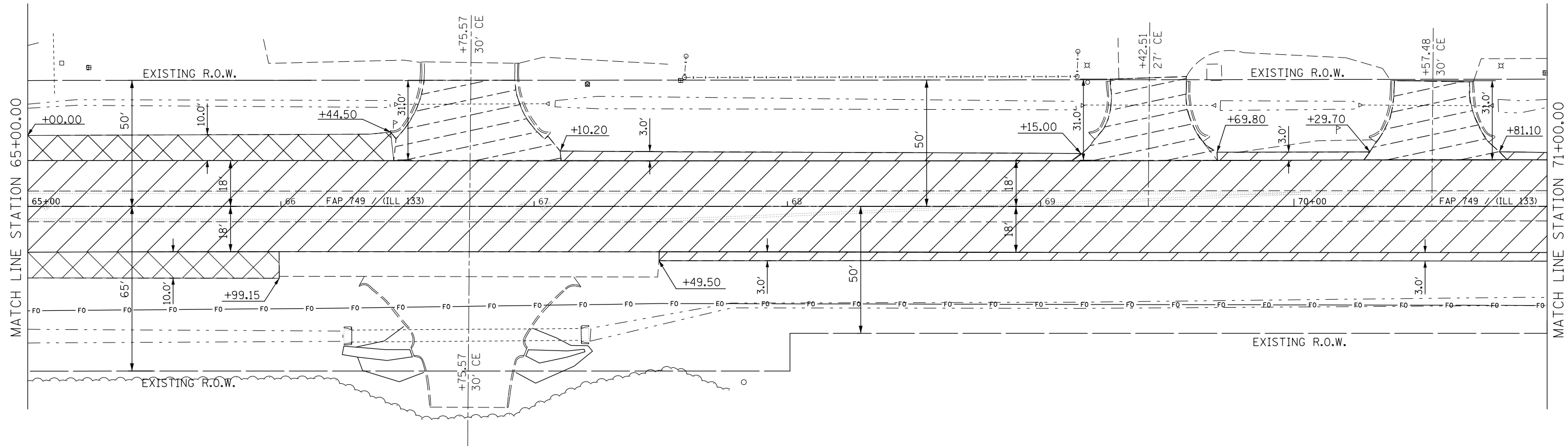
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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

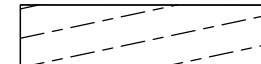
<b>PLAN SHEET FAP 749 / (ILL 133)</b>			
SCALE:	SHEET 15	OF 19 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	49
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

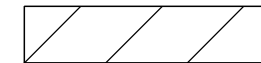




HOT-MIX ASPHALT SURFACE  
REMOVAL 1 1/2"



HOT-MIX ASPHALT SURFACE  
REMOVAL SPECIAL



HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

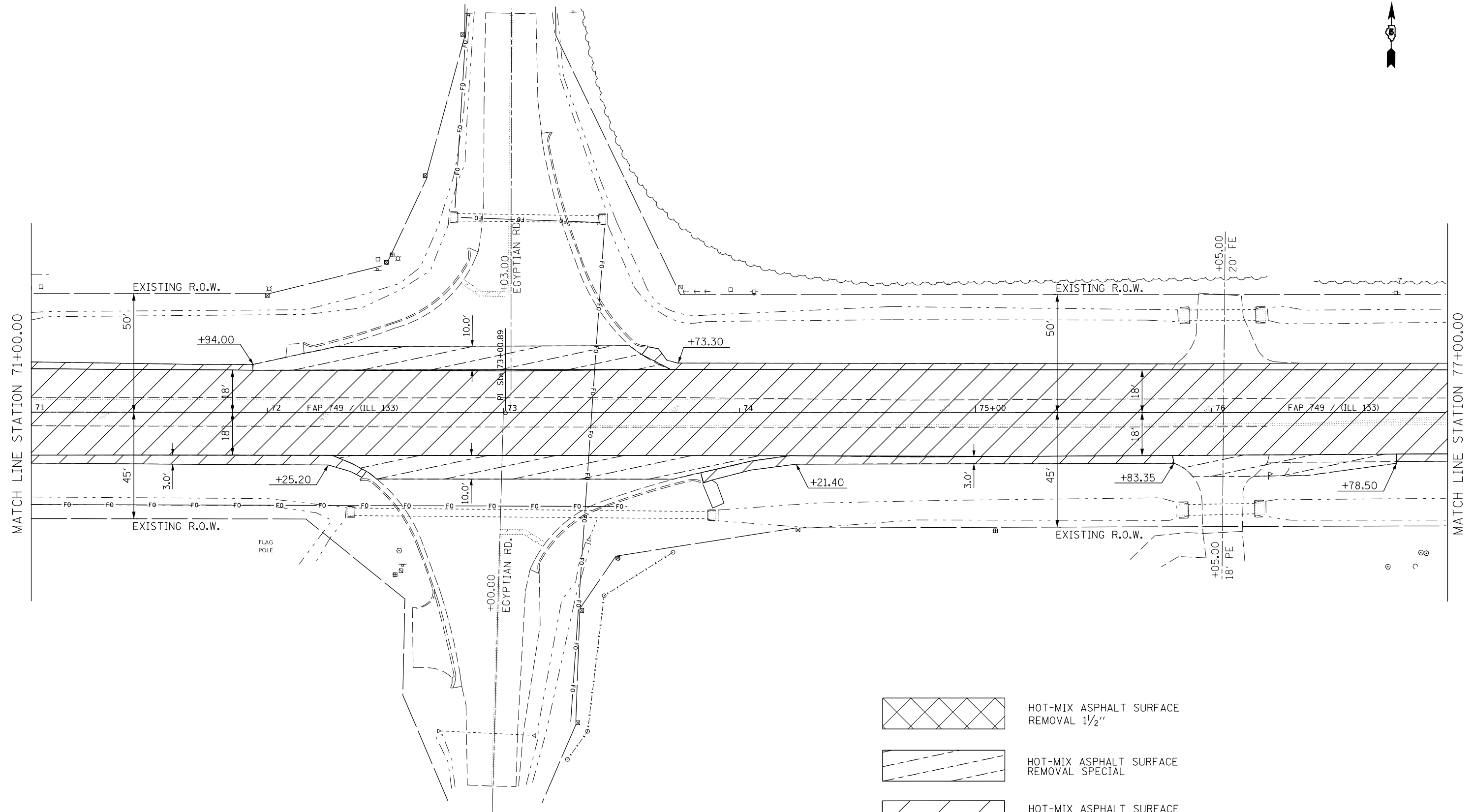
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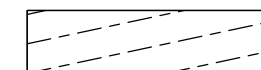
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
<b>FAP 749 / (ILL 133)</b>			
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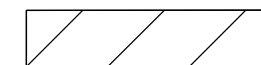
* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	51
			CONTRACT NO. 70710	
		ILLINOIS FED. AID PROJECT		



HOT-MIX ASPHALT SURFACE  
REMOVAL 1 1/2"



HOT-MIX ASPHALT SURFACE  
REMOVAL SPECIAL



HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

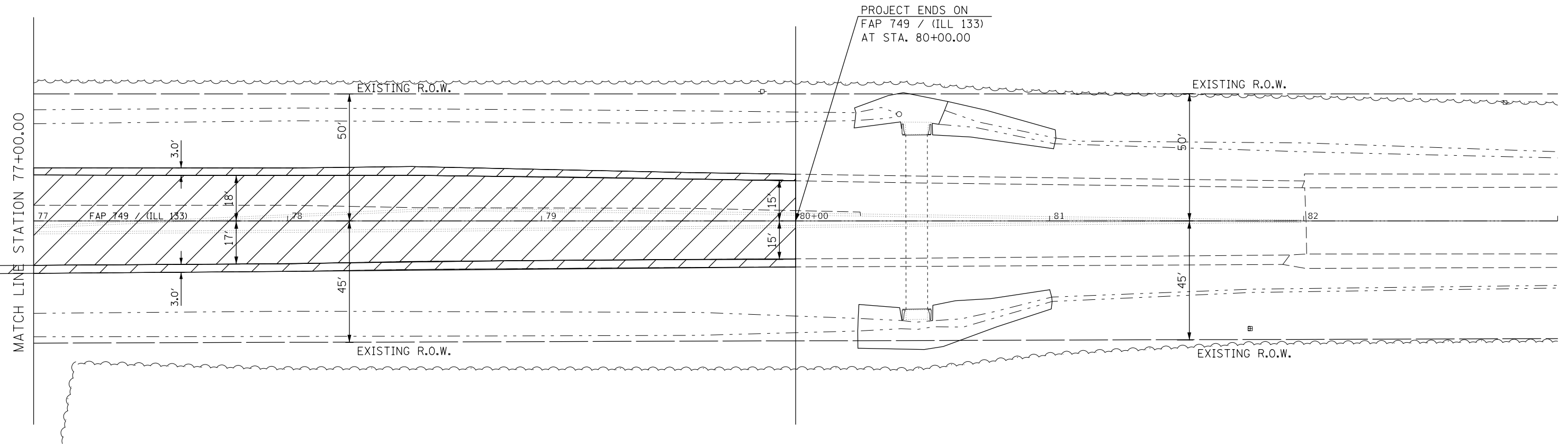
**PLAN SHEET  
FAP 749 (ILL 133)**

SCALE: SHEET 18 OF 19 SHEETS STA. TO STA.

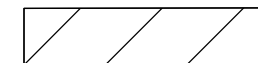
\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	52
			CONTRACT NO. 70710	
		ILLINOIS	FED. AID PROJECT	





HOT-MIX ASPHALT SURFACE  
REMOVAL 1 1/2"



HOT-MIX ASPHALT SURFACE  
REMOVAL 2 3/4"

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

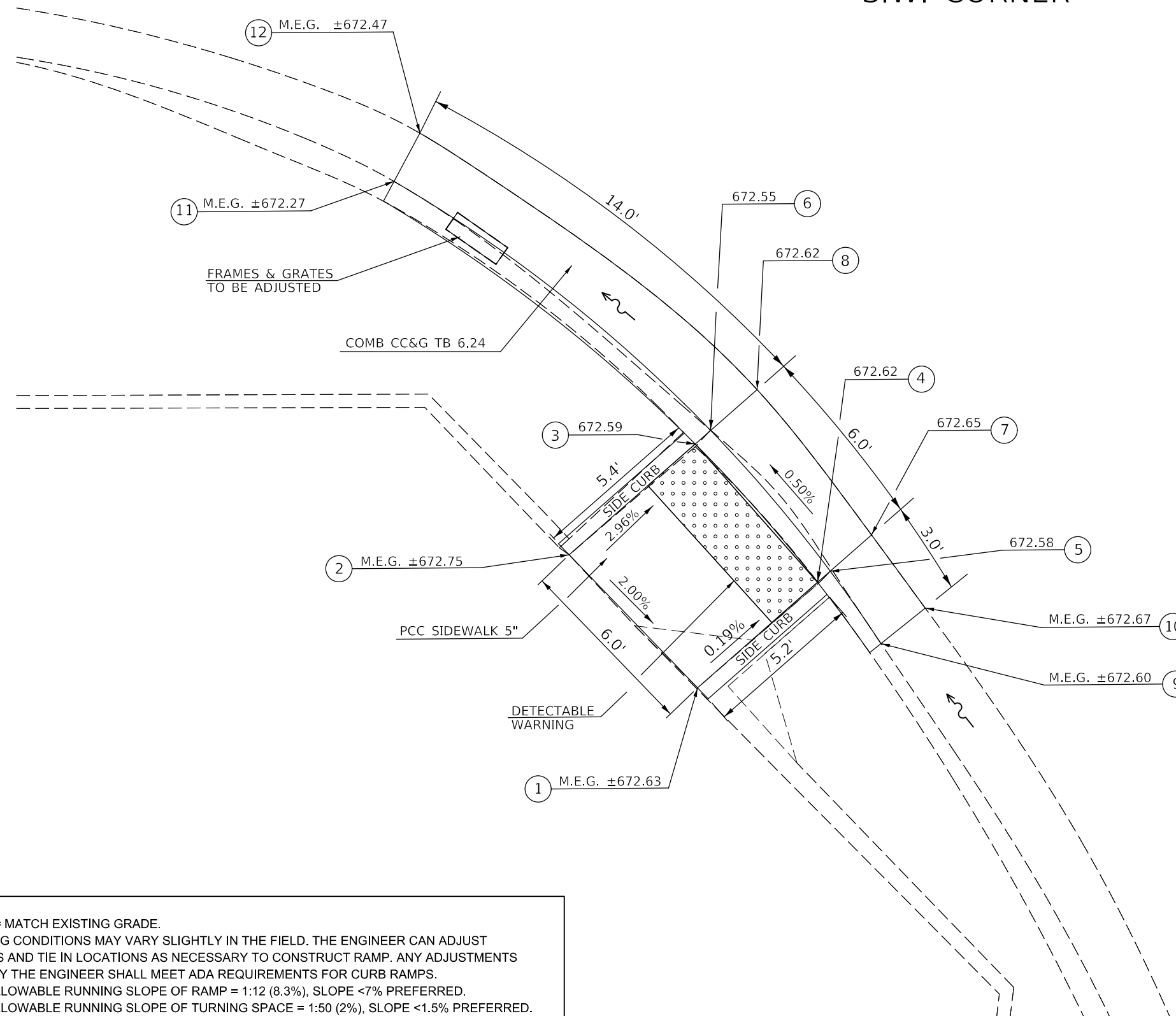
<b>PLAN SHEET</b>	
<b>FAP 749 / (ILL 133)</b>	
SCALE:	SHEET 19 OF 19 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	53
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

FAP 749 (ILL 133)

# LOCATION #1 SPRINGFIELD AVE. S.W. CORNER



FAS 1671 (US 45)

SPRINGFIELD AVE. (S.W. CORNER)			
	STATION		OFFSET
1	723+86.37	LT	36.71
2	723+90.22	LT	41.39
3	723+94.21	LT	37.70
4	723+90.28	LT	33.20
5	723+90.74	LT	32.79
6	723+94.81	LT	37.27
7	723+92.01	LT	31.64
8	723+96.30	LT	35.91
9	723+88.52	LT	30.91
10	723+89.84	LT	29.62
11	724+01.72	LT	48.54
12	724+03.41	LT	47.99

**NOTES:**

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 1**

SCALE: SHEET 1 OF 48 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	54
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



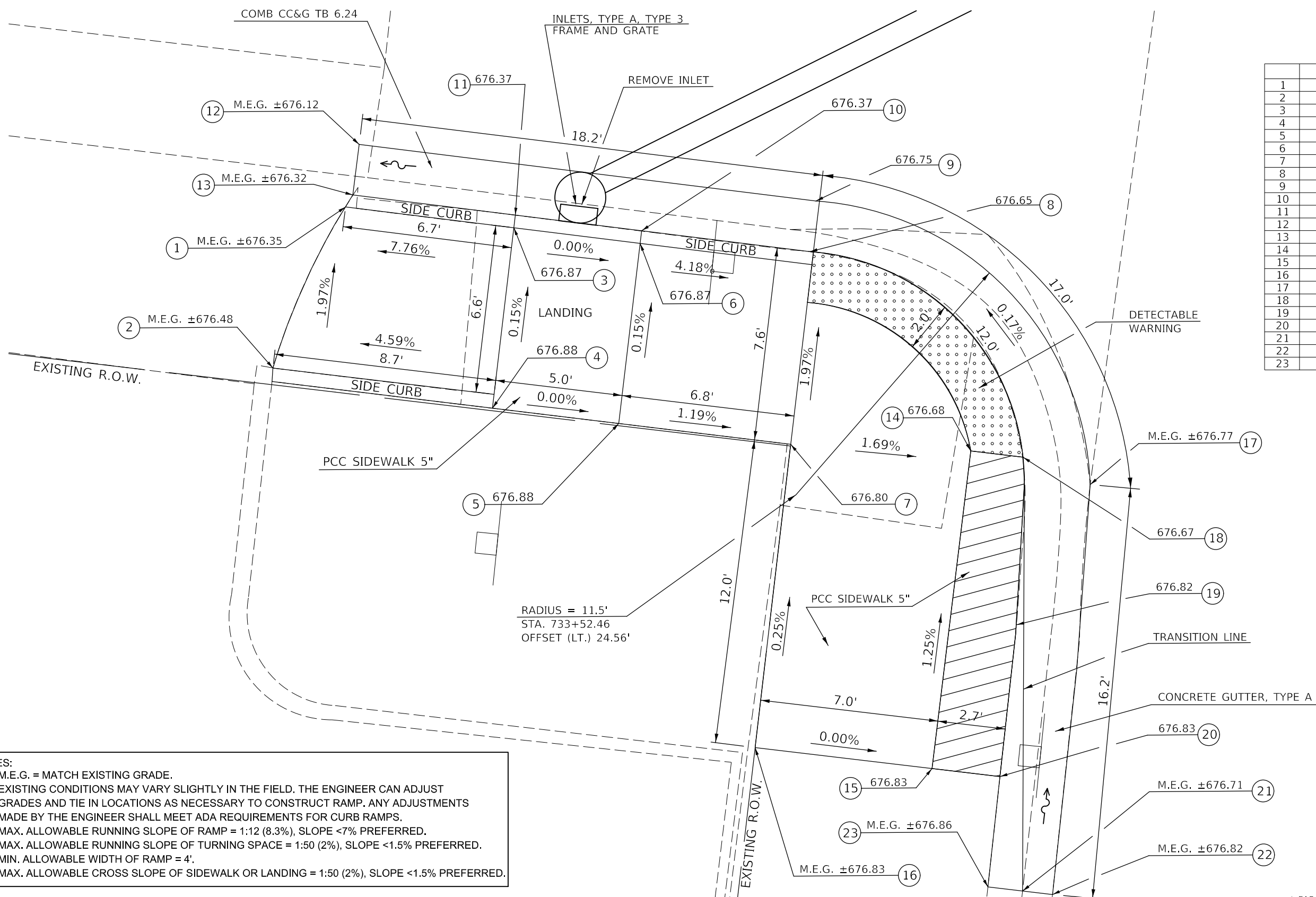




# LOCATION #5 MAIN ST. S.W. CORNER



MAIN ST. (S.W. CORNER)			
	STATION		OFFSET
1	737+61.60	LT	43.46
2	737+54.98	LT	45.59
3	737+61.54	LT	36.79
4	737+54.96	LT	36.80
5	737+54.39	LT	31.80
6	737+61.47	LT	31.75
7	737+54.37	LT	25.00
8	737+61.94	LT	25.10
9	737+63.98	LT	25.13
10	737+62.05	LT	31.78
11	737+62.09	LT	36.75
12	737+64.10	LT	43.27
13	737+62.00	LT	43.28
14	737+54.93	LT	17.94
15	737+42.37	LT	18.17
16	737+42.37	LT	25.00
17	737+54.17	LT	13.13
18	737+54.93	LT	15.87
19	737+48.36	LT	15.31
20	737+42.38	LT	15.31
21	737+38.00	LT	13.89
22	737+38.00	LT	12.74
23	737+38.00	LT	15.27



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 5**

SCALE: SHEET 5 OF 48 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

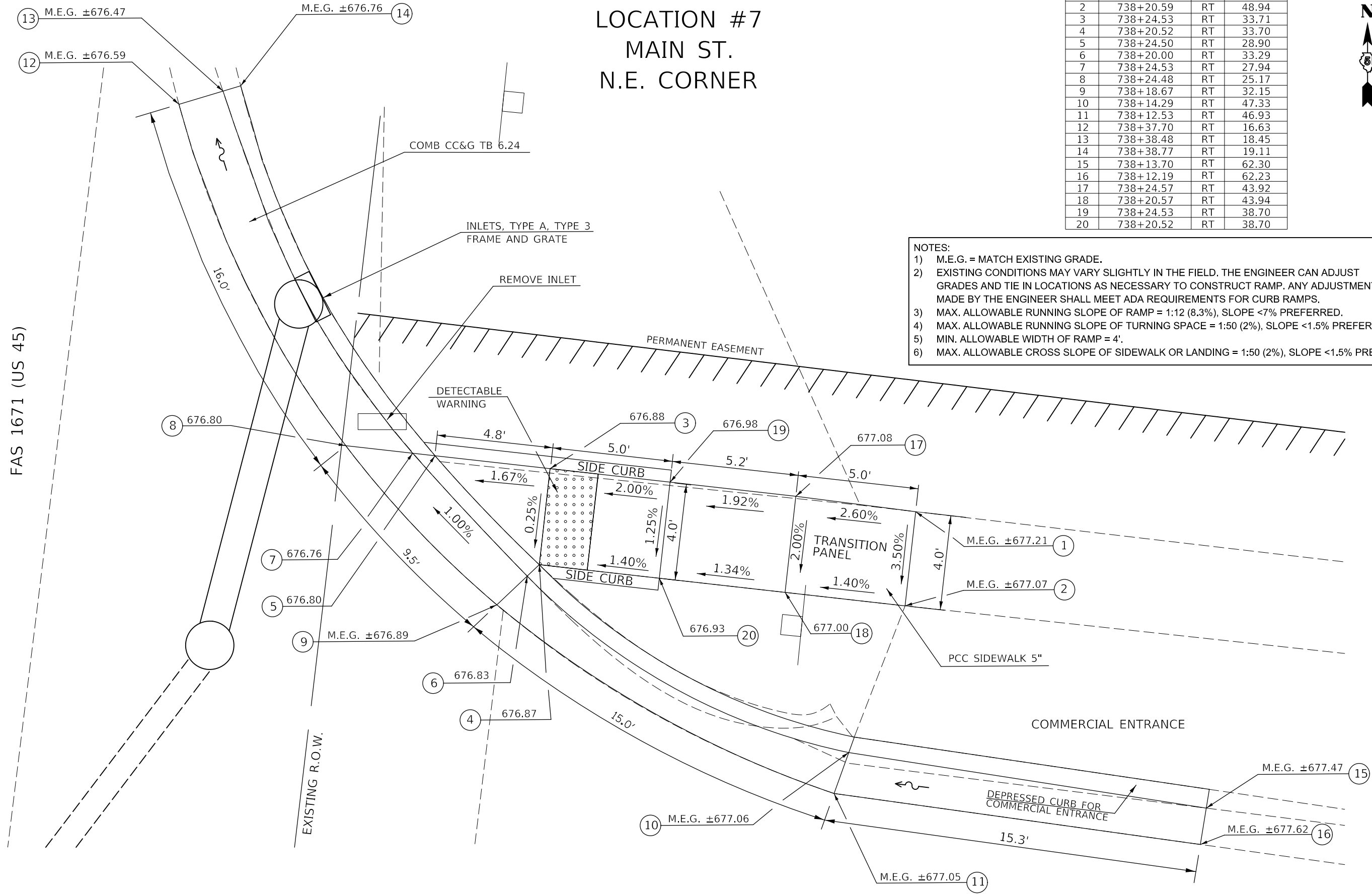
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	58
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



MAIN ST. (N.E. CORNER)			
	STATION		OFFSET
1	738+24.59	RT	48.93
2	738+20.59	RT	48.94
3	738+24.53	RT	33.71
4	738+20.52	RT	33.70
5	738+24.50	RT	28.90
6	738+20.00	RT	33.29
7	738+24.53	RT	27.94
8	738+24.48	RT	25.17
9	738+18.67	RT	32.15
10	738+14.29	RT	47.33
11	738+12.53	RT	46.93
12	738+37.70	RT	16.63
13	738+38.48	RT	18.45
14	738+38.77	RT	19.11
15	738+13.70	RT	62.30
16	738+12.19	RT	62.23
17	738+24.57	RT	43.92
18	738+20.57	RT	43.94
19	738+24.53	RT	38.70
20	738+20.52	RT	38.70



## LOCATION #7 MAIN ST. N.E. CORNER



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FAS 1671 (US 45)

EXISTING R.O.W.

MODEL: I:\MODEL\MHFE  
FILE: MHFE\_Plan\p1671001\DWG\1671001.dwg  
PROJECT: I:\PROJECTS\1671001\1671001.dwg  
DATE: 3/16/2020

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISD -
PLOT SCALE = 4.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 3/16/2020	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 7**

SCALE: SHEET 7 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	60
CONTRACT NO. 70710				

ILLINOIS FED. AID PROJECT



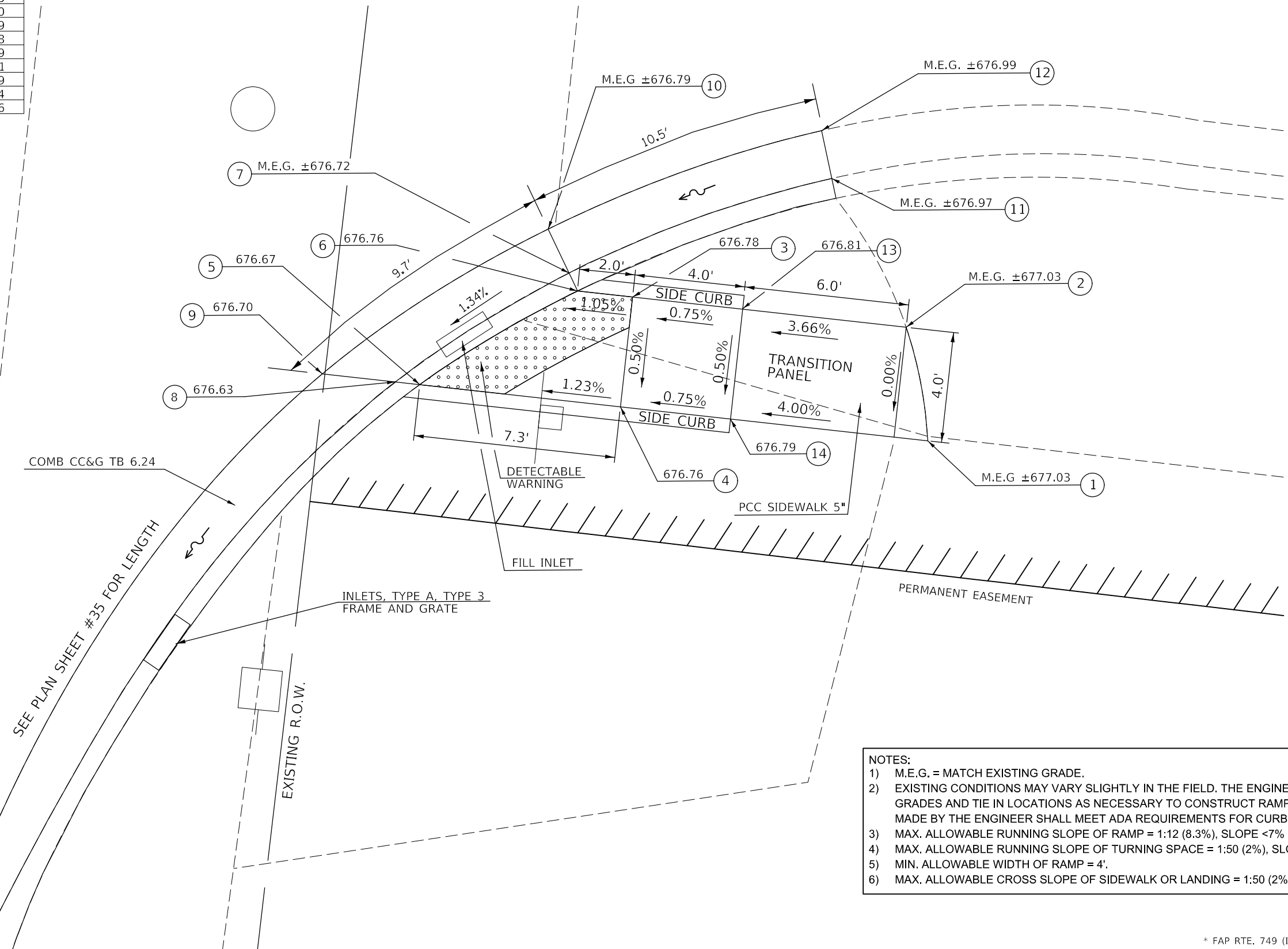


# LOCATION #8 MAIN ST. S.E. CORNER

## MAIN ST. (S.E. CORNER)

	STATION	RT	OFFSET
1	737+54.55	RT	47.01
2	737+58.54	RT	45.78
3	737+58.48	RT	35.46
4	737+54.48	RT	35.48
5	737+54.53	RT	28.26
6	737+58.47	RT	33.45
7	737+59.03	RT	33.00
8	737+54.43	RT	27.39
9	737+54.41	RT	24.98
10	737+60.40	RT	31.89
11	737+63.73	RT	42.31
12	737+65.31	RT	41.49
13	737+58.68	RT	38.74
14	737+54.68	RT	38.76

FAS 1671 (US 45)



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 8**

SCALE: SHEET 8 OF 48 SHEETS STA. TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	61
			CONTRACT NO. 70710	
		ILLINOIS	FED. AID PROJECT	

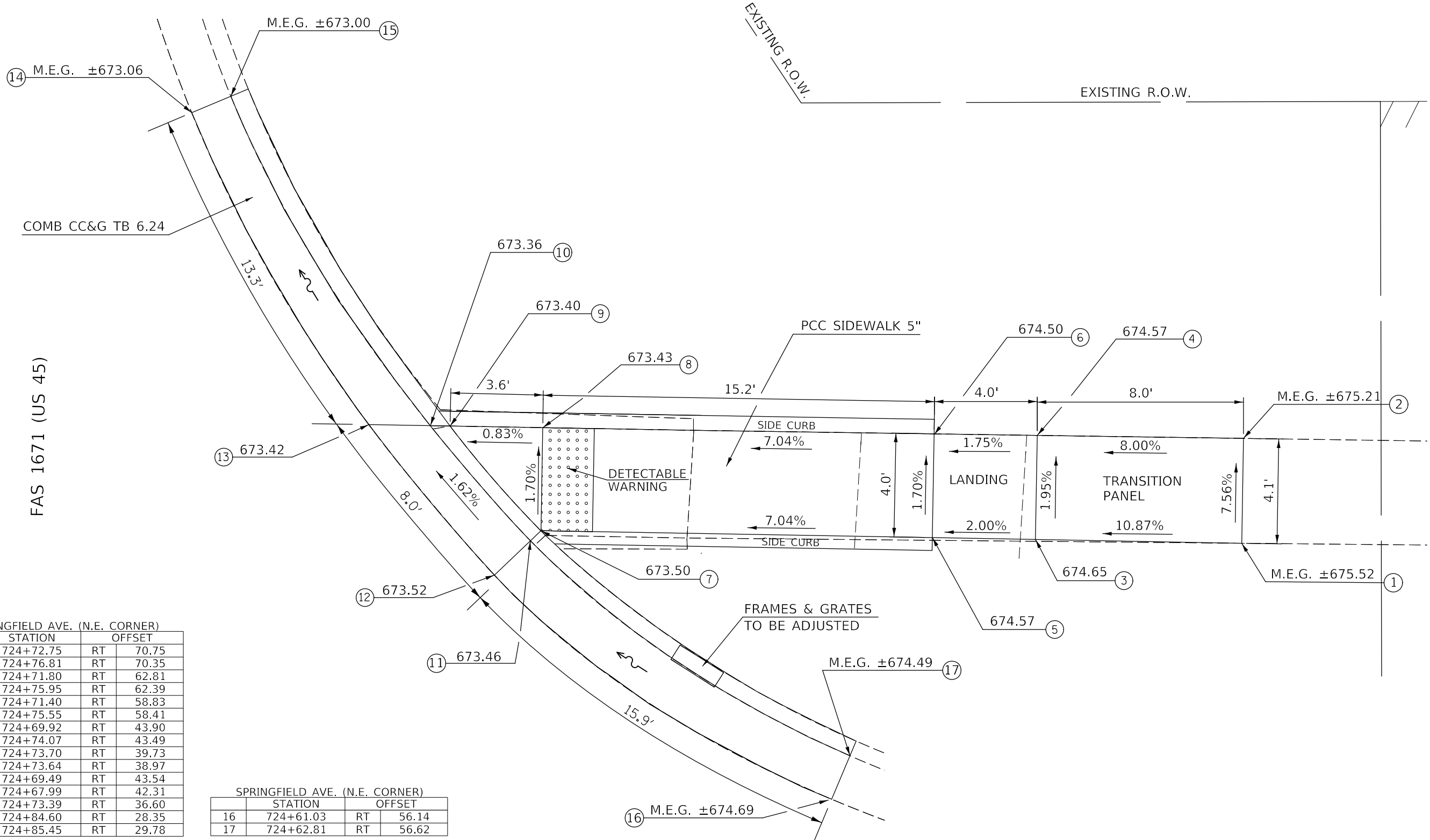






# LOCATION #11 SPRINGFIELD AVE. N.E. CORNER

- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



FAS 1671 (US 45)

SPRINGFIELD AVE. (N.E. CORNER)

	STATION	RT	OFFSET
1	724+72.75	RT	70.75
2	724+76.81	RT	70.35
3	724+71.80	RT	62.81
4	724+75.95	RT	62.39
5	724+71.40	RT	58.83
6	724+75.55	RT	58.41
7	724+69.92	RT	43.90
8	724+74.07	RT	43.49
9	724+73.70	RT	39.73
10	724+73.64	RT	38.97
11	724+69.49	RT	43.54
12	724+67.99	RT	42.31
13	724+73.39	RT	36.60
14	724+84.60	RT	28.35
15	724+85.45	RT	29.78

SPRINGFIELD AVE. (N.E. CORNER)

	STATION	RT	OFFSET
16	724+61.03	RT	56.14
17	724+62.81	RT	56.62

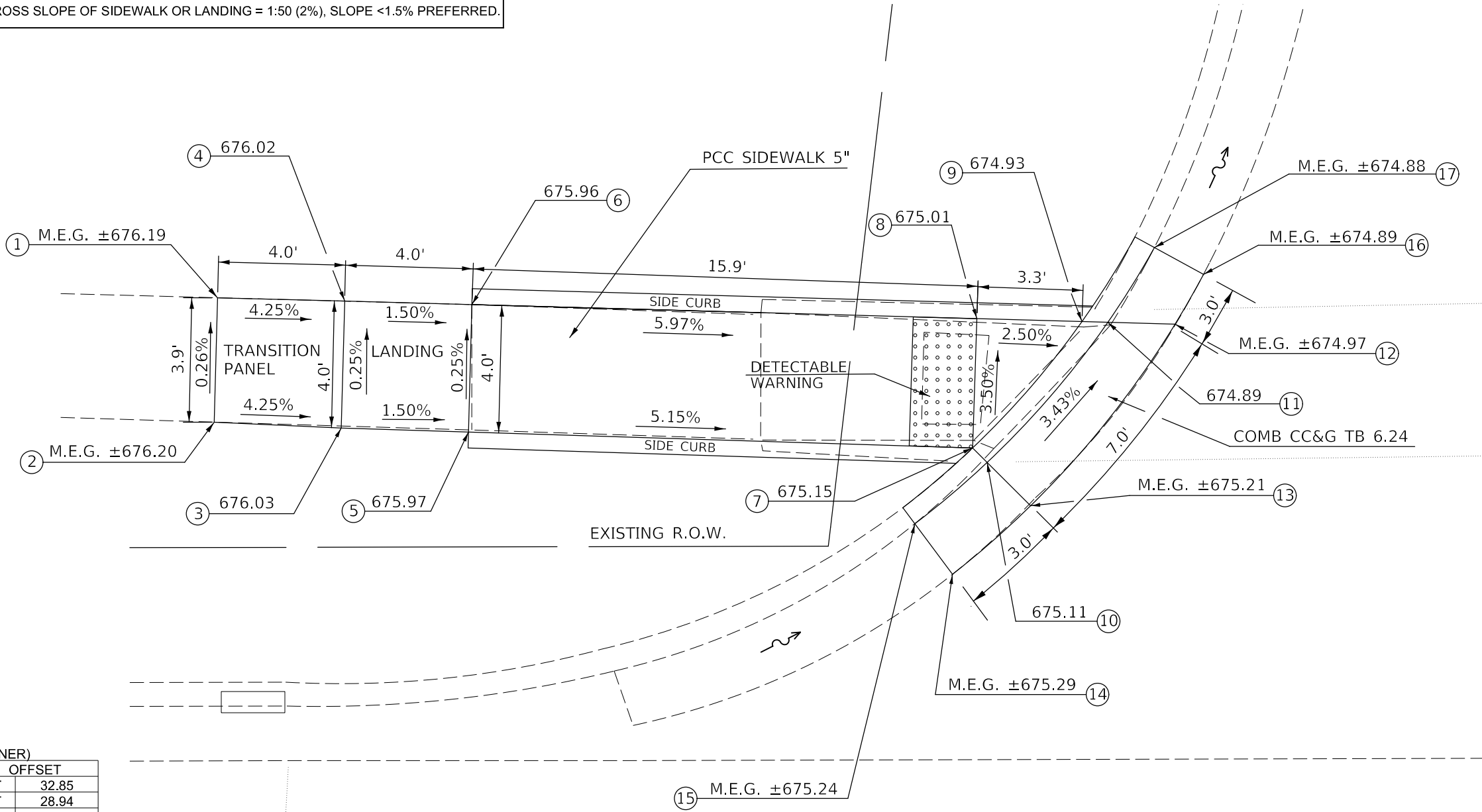
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USER NAME = eaglinga PLOT SCALE = 4.0000' / in. PLOT DATE = 3/16/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ADA SIDEWALK RAMP LOCATION 11</b>	SCALE: SHEET 11 OF 48 SHEETS STA. TO STA.															
* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>*</td> <td>(121)RS-7,SW</td> <td>DOUGLAS</td> <td>148</td> <td>64</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 70710</td> </tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	*	(121)RS-7,SW	DOUGLAS	148	64	CONTRACT NO. 70710				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																
*	(121)RS-7,SW	DOUGLAS	148	64																
CONTRACT NO. 70710																				
ILLINOIS FED. AID PROJECT																				



# LOCATION #12 OAK ST. N.W. CORNER

- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



**OAK ST. (N.W. CORNER)**

STATION	OFFSET
1	1+99.69 LT 32.85
2	1+99.67 LT 28.94
3	2+03.67 LT 28.74
4	2+03.76 LT 32.74
5	2+07.68 LT 28.60
6	2+07.68 LT 32.63
7	2+23.53 LT 27.94
8	2+23.66 LT 32.00
9	2+26.68 LT 31.90
10	2+23.88 LT 27.57
11	2+27.78 LT 31.94
12	2+29.09 LT 31.75
13	2+25.33 LT 26.27
14	2+22.78 LT 24.11
15	2+21.70 LT 25.65
16	2+30.75 LT 33.50
17	2+29.09 LT 34.38

FAP 749 (ILL 133)

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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ADA SIDEWALK RAMP LOCATION 12</b>			
SCALE:	SHEET 12	OF 48 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	65
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

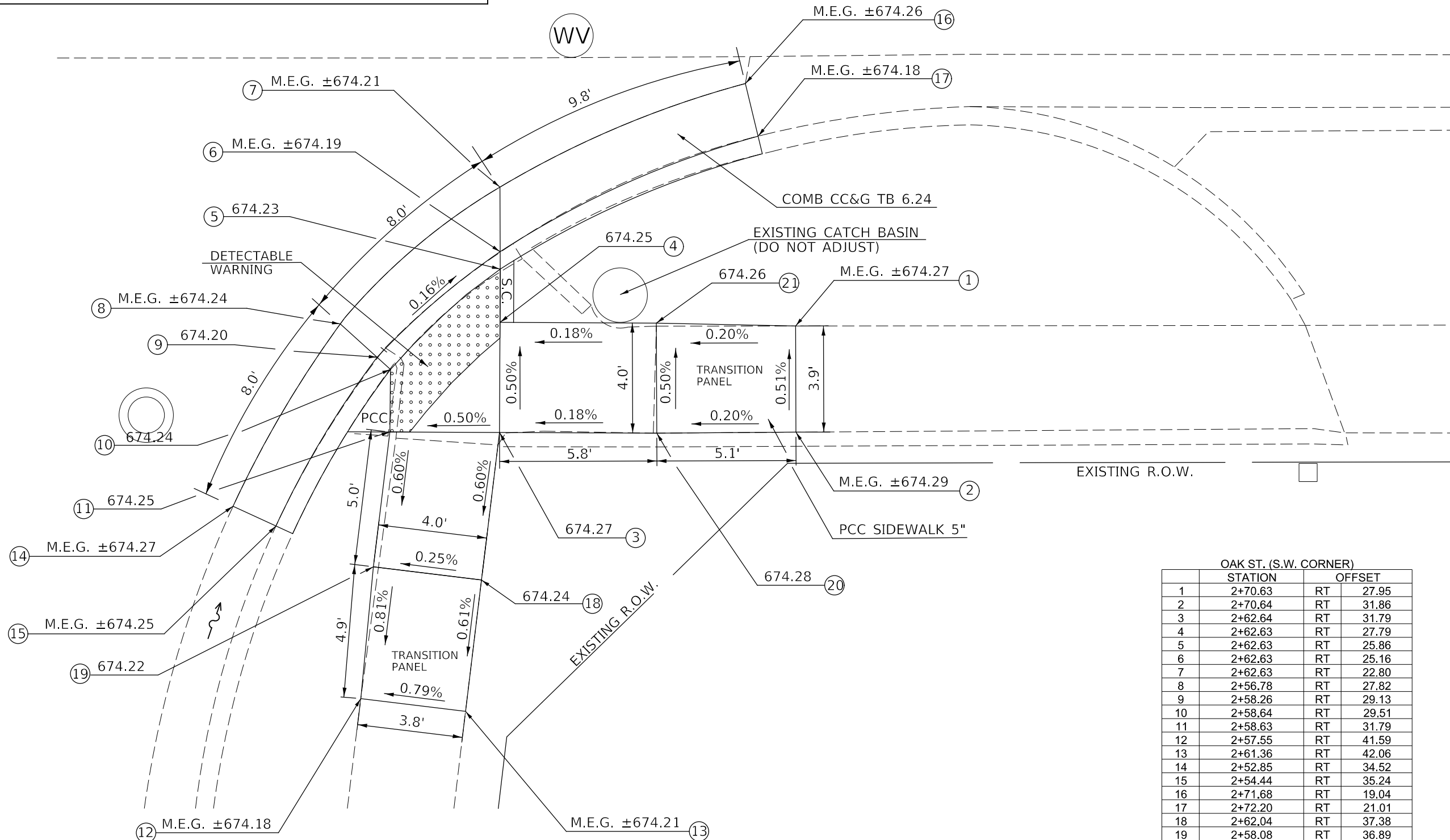




# LOCATION #14 OAK ST, S.E. CORNER

FAP 749 (ILL 133)

- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



**OAK ST. (S.W. CORNER)**

	STATION	OFFSET
1	2+70.63	RT 27.95
2	2+70.64	RT 31.86
3	2+62.64	RT 31.79
4	2+62.63	RT 27.79
5	2+62.63	RT 25.86
6	2+62.63	RT 25.16
7	2+62.63	RT 22.80
8	2+56.78	RT 27.82
9	2+58.26	RT 29.13
10	2+58.64	RT 29.51
11	2+58.63	RT 31.79
12	2+57.55	RT 41.59
13	2+61.36	RT 42.06
14	2+52.85	RT 34.52
15	2+54.44	RT 35.24
16	2+71.68	RT 19.04
17	2+72.20	RT 21.01
18	2+62.04	RT 37.38
19	2+58.08	RT 36.89
20	2+68.49	RT 32.00
21	2+68.48	RT 27.96

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 14**

SCALE: SHEET 14 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	67
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				





NOTES:

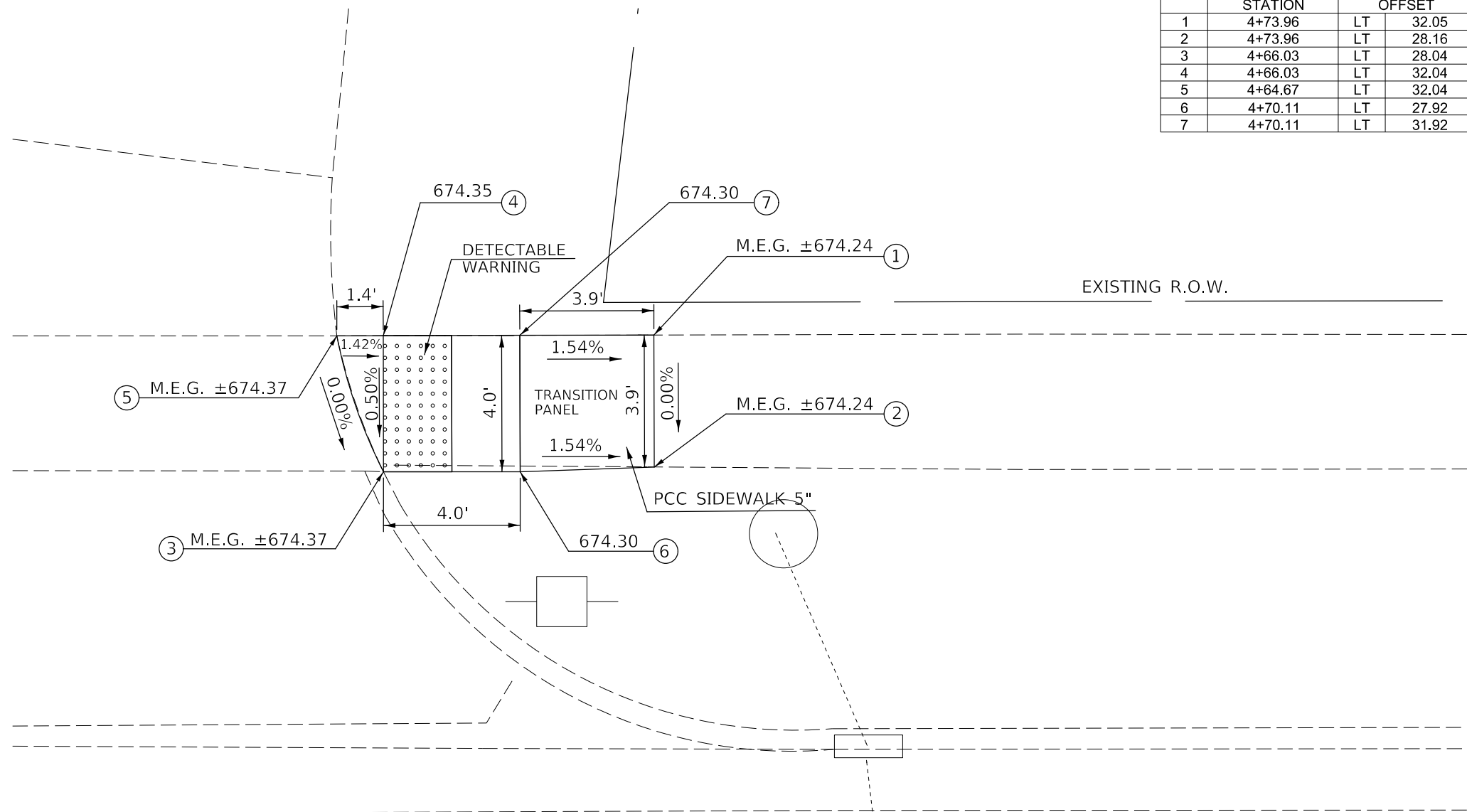
- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

# LOCATION #16 WATER ST. N.E. CORNER



WATER ST. (N.E. CORNER)

1	STATION		OFFSET	
		4+73.96	LT	32.05
2	4+73.96	LT	28.16	
3	4+66.03	LT	28.04	
4	4+66.03	LT	32.04	
5	4+64.67	LT	32.04	
6	4+70.11	LT	27.92	
7	4+70.11	LT	31.92	



FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 16**

SCALE: SHEET 16 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	69
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

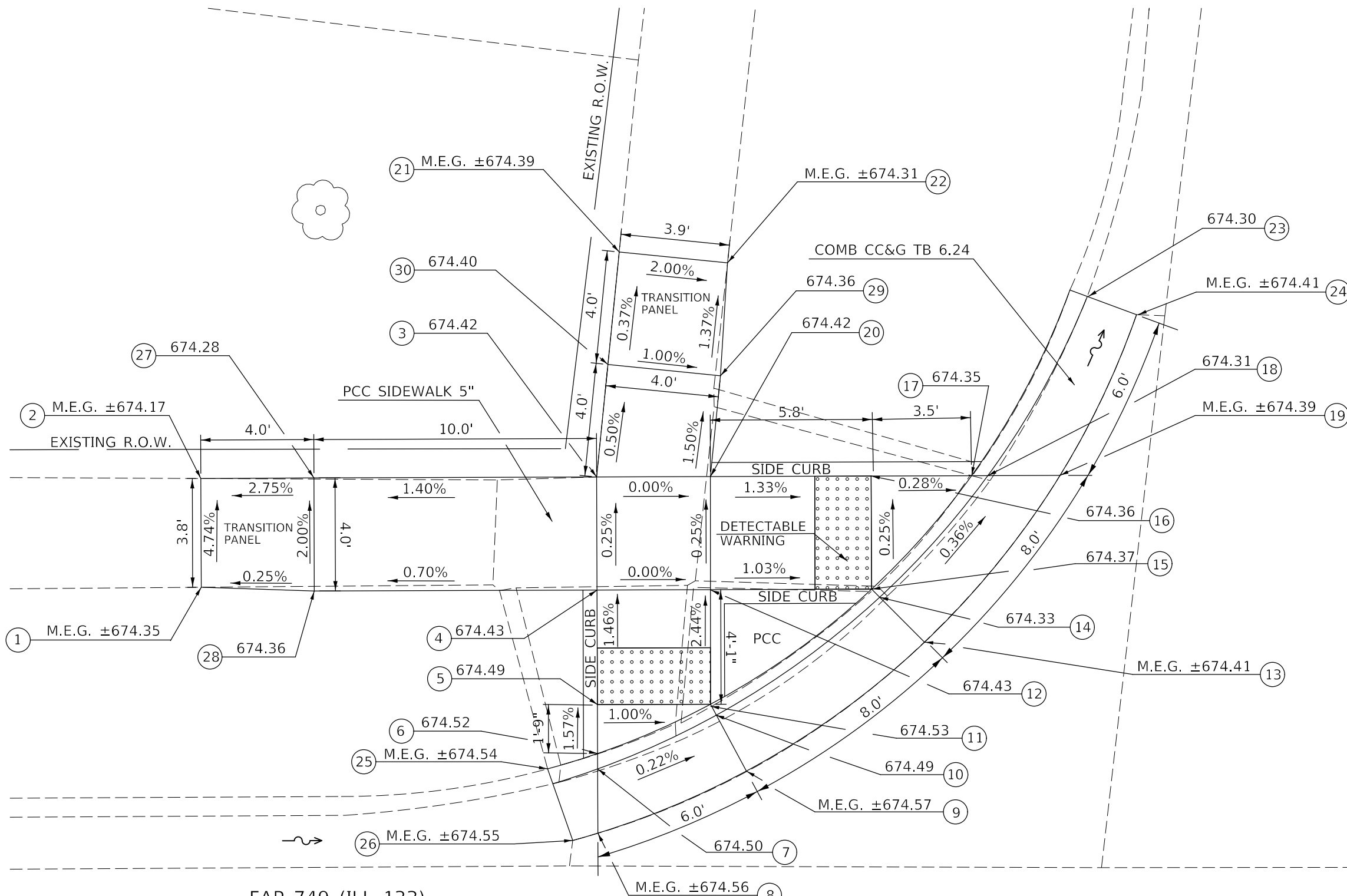




NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

LOCATION #19  
LOCUST ST.  
N.W. CORNER



LOCUST ST. (N.W. CORNER)

STATION	OFFSET
1	6+20.77 LT 28.11
2	6+20.77 LT 31.95
3	6+34.77 LT 31.99
4	6+34.78 LT 27.95
5	6+34.78 LT 23.86
6	6+34.77 LT 22.10
7	6+34.76 LT 21.57
8	6+34.78 LT 19.38
9	6+40.03 LT 21.56
10	6+39.02 LT 23.44
11	6+38.78 LT 23.86
12	6+38.82 LT 27.94
13	6+46.39 LT 26.15
14	6+44.92 LT 27.64
15	6+44.56 LT 28.00
16	6+44.55 LT 32.00
17	6+48.08 LT 32.05
18	6+48.77 LT 32.00
19	6+51.16 LT 32.00
20	6+38.80 LT 32.00
21	6+35.58 LT 39.95
22	6+39.41 LT 39.55
23	6+52.17 LT 38.27
24	6+53.87 LT 37.68
25	6+33.41 LT 21.18
26	6+33.89 LT 19.13
27	6+24.85 LT 31.86
28	6+24.85 LT 27.86
29	6+39.23 LT 35.44
30	6+35.25 LT 35.85

FAP 749 (ILL 133)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP  
LOCATION 19

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET 19 OF 48 SHEETS STA. TO STA.

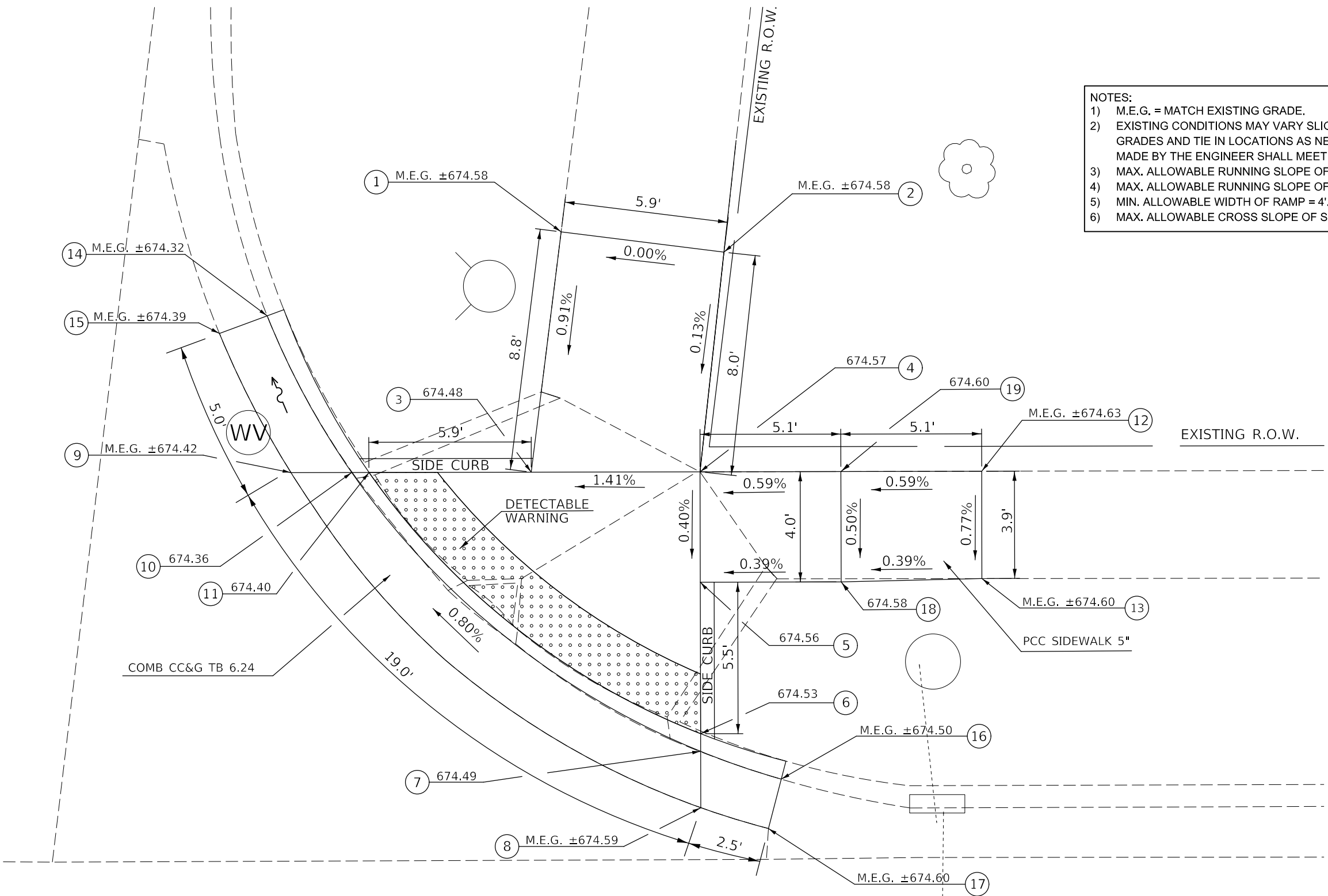
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	72
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

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# LOCATION #20 LOCUST ST. N.E. CORNER



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



**LOCUST ST. (N.E. CORNER)**

	STATION		OFFSET
1	6+98.78	LT	40.78
2	7+04.67	LT	40.03
3	6+97.68	LT	32.08
4	7+03.79	LT	32.08
5	7+03.79	LT	28.08
6	7+03.81	LT	22.56
7	7+03.84	LT	21.93
8	7+03.81	LT	19.84
9	6+88.81	LT	32.10
10	6+91.19	LT	32.07
11	6+91.81	LT	32.08
12	7+14.00	LT	32.08
13	7+14.00	LT	28.19
14	6+88.14	LT	37.77
15	6+86.39	LT	37.12
16	7+06.69	LT	20.95
17	7+06.23	LT	19.15
18	7+08.97	LT	27.98
19	7+08.97	LT	27.98

FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 20**

SCALE: SHEET 20 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	73
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

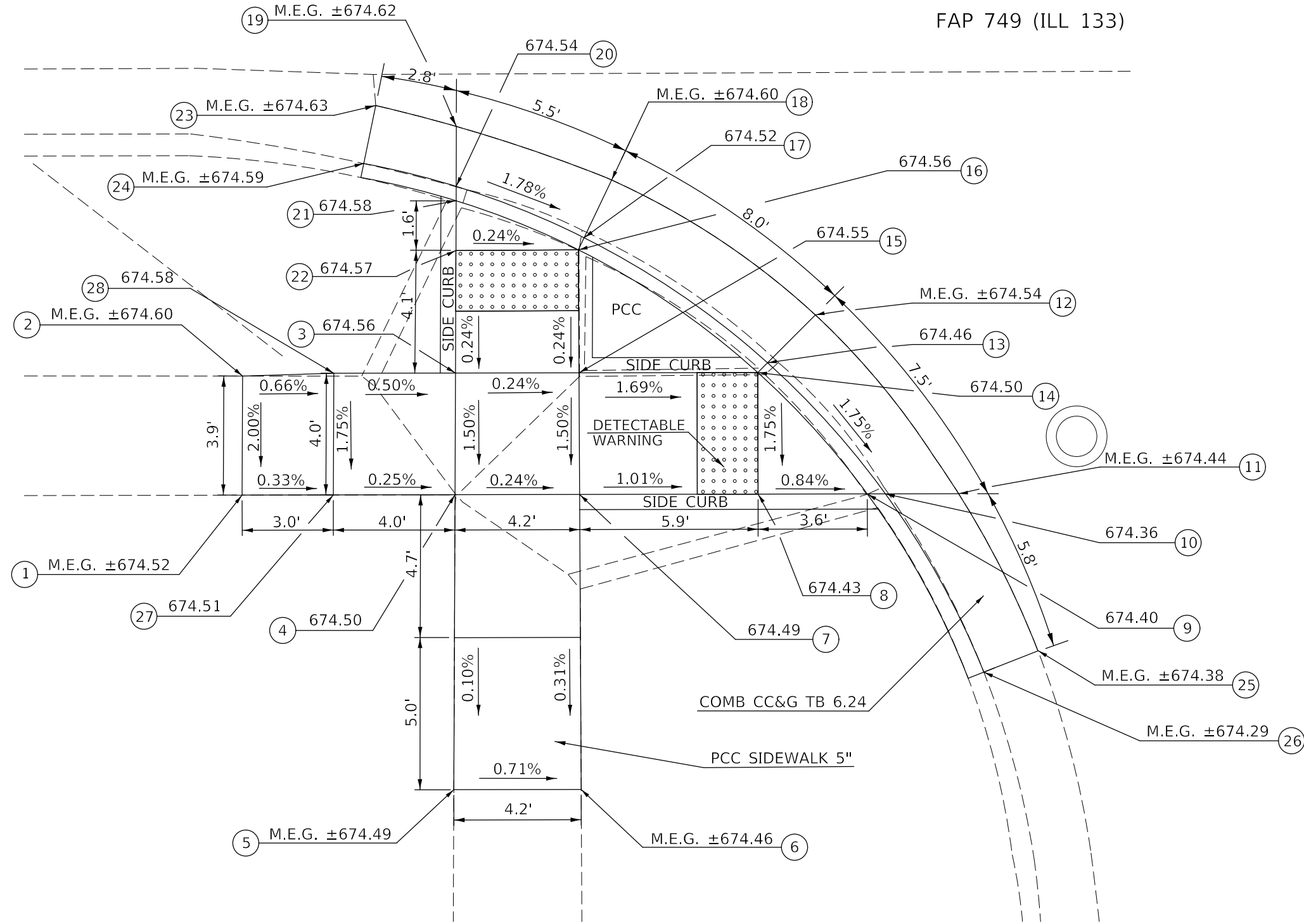
NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

# LOCATION #21 LOCUST ST. S.W. CORNER



FAP 749 (ILL 133)



LOCUST ST. (S.W. CORNER)

	STATION	OFFSET	
1	6+23.54	RT	31.85
2	6+23.56	RT	27.94
3	6+30.58	RT	27.86
4	6+30.53	RT	31.87
5	6+30.49	RT	39.86
6	6+34.66	RT	39.86
7	6+34.62	RT	31.87
8	6+40.51	RT	31.85
9	6+44.17	RT	31.86
10	6+44.82	RT	31.86
11	6+47.27	RT	31.87
12	6+42.48	RT	26.04
13	6+40.83	RT	27.47
14	6+40.47	RT	27.86
15	6+34.63	RT	27.85
16	6+34.61	RT	23.61
17	6+34.86	RT	23.09
18	6+35.67	RT	21.42
19	6+30.63	RT	19.59
20	6+30.61	RT	21.31
21	6+30.60	RT	21.98
22	6+30.59	RT	23.58
23	6+27.96	RT	19.05
24	6+27.57	RT	21.00
25	6+49.71	RT	37.02
26	6+47.92	RT	37.73
27	6+26.62	RT	31.96
28	6+26.64	RT	27.96

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 21**

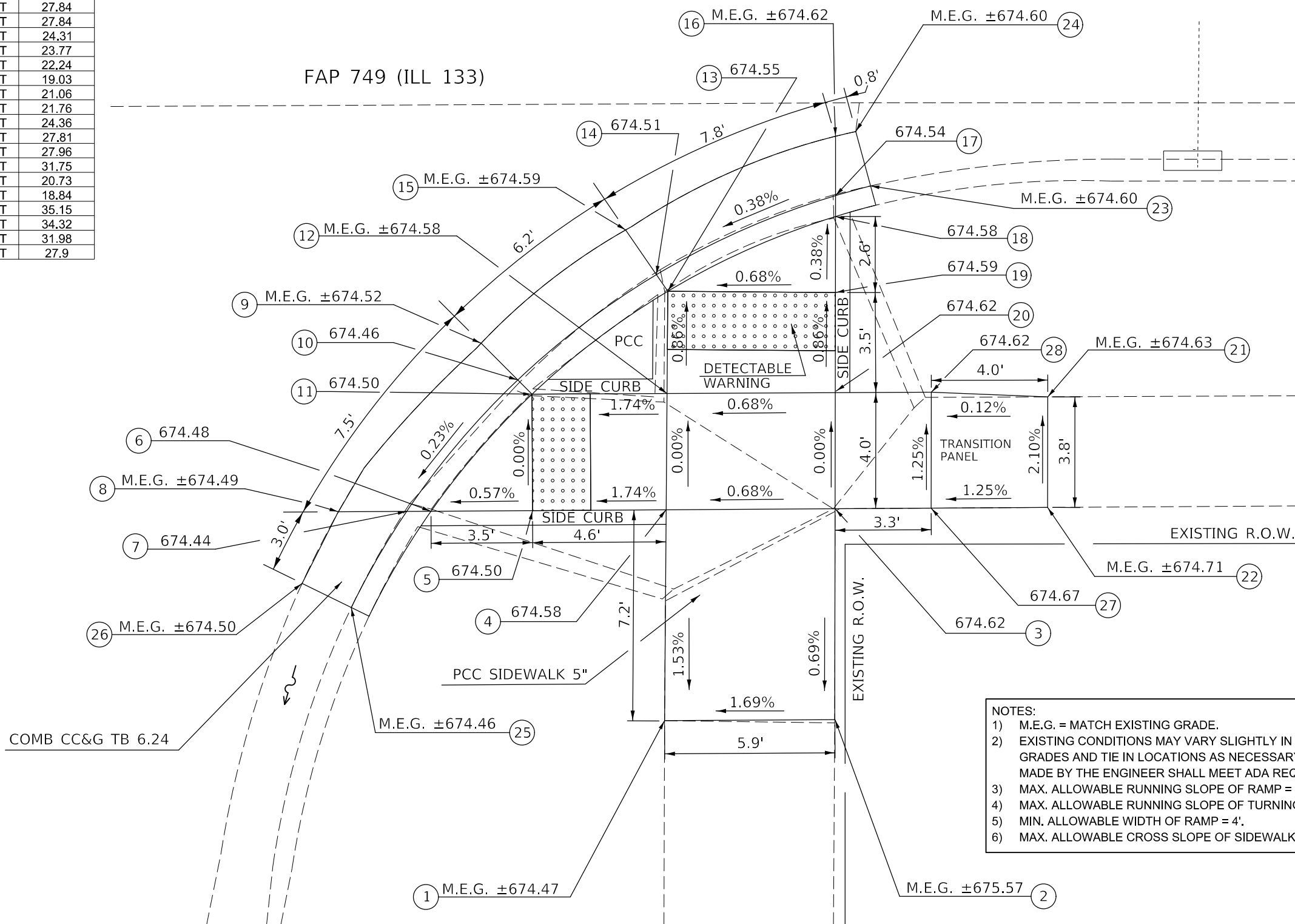
SCALE: SHEET 21 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	74
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



# LOCATION #22 LOCUST ST. S.E. CORNER

LOCUST ST. (S.E. CORNER)			
	STATION	RT	OFFSET
1	6+93.69	RT	43.82
2	6+99.55	RT	43.79
3	6+99.60	RT	31.80
4	6+93.80	RT	31.83
5	6+89.21	RT	31.84
6	6+85.72	RT	31.86
7	6+84.90	RT	31.86
8	6+82.75	RT	31.86
9	6+87.46	RT	26.09
10	6+88.72	RT	27.35
11	6+89.17	RT	27.84
12	6+93.84	RT	27.84
13	6+93.86	RT	24.31
14	6+93.49	RT	23.77
15	6+92.44	RT	22.24
16	6+99.64	RT	19.03
17	6+99.65	RT	21.06
18	6+99.64	RT	21.76
19	6+99.64	RT	24.36
20	6+99.61	RT	27.81
21	7+06.91	RT	27.96
22	7+06.89	RT	31.75
23	7+00.84	RT	20.73
24	7+00.33	RT	18.84
25	6+82.98	RT	35.15
26	6+81.27	RT	34.32
27	7+02.98	RT	31.98
28	7+02.99	RT	27.9



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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 DATE: \\DATE

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 22**

SCALE: SHEET 22 OF 48 SHEETS STA. TO STA.

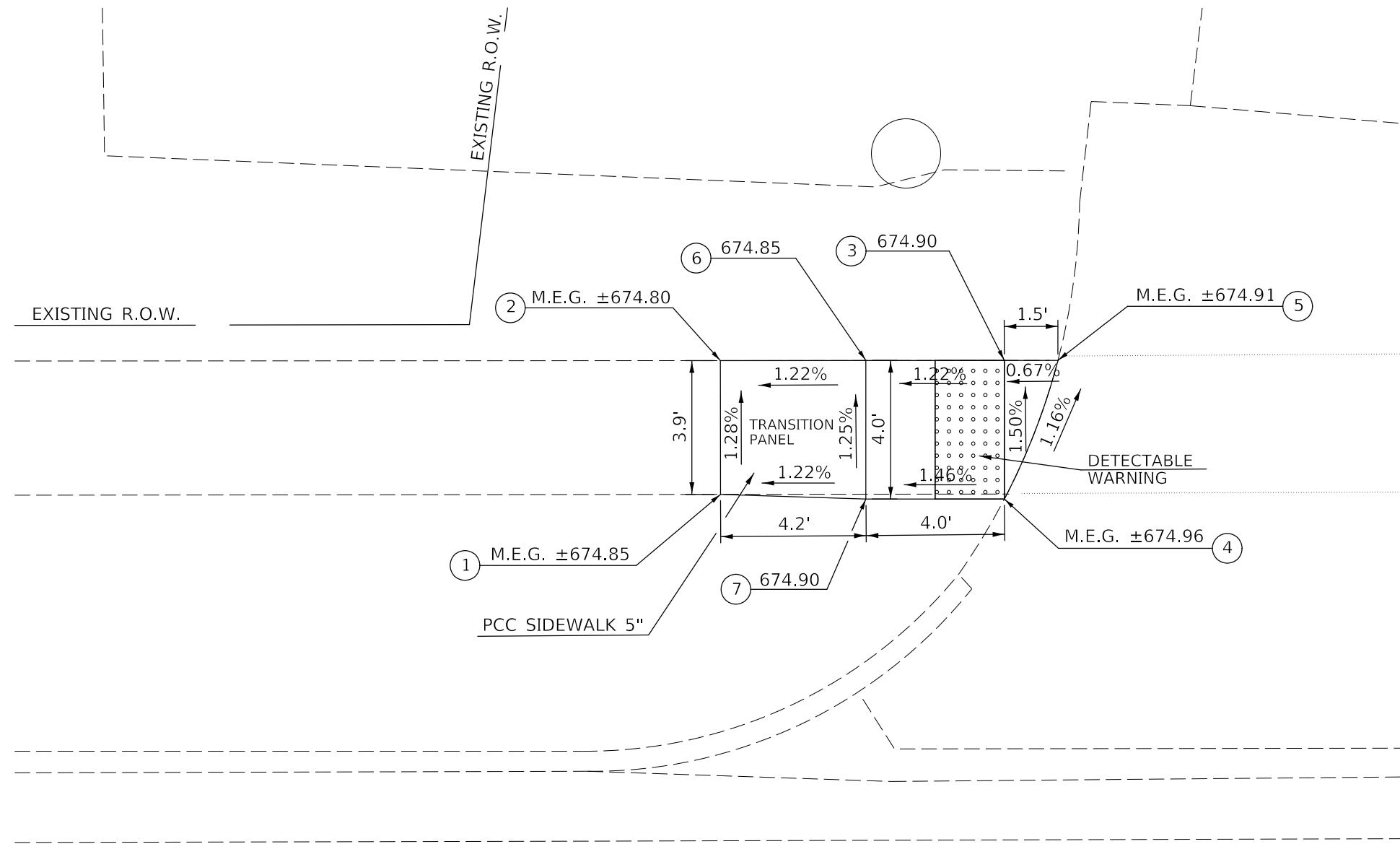
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	75
CONTRACT NO. 70710			ILLINOIS FED. AID PROJECT	



# LOCATION #23 COLLINS ST. N.W. CORNER

**NOTES:**

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



COLLINS ST. (N.W. CORNER)			
	STATION		OFFSET
1	8+57.44	LT	28.06
2	8+57.45	LT	31.93
3	8+71.45	LT	31.90
4	8+71.44	LT	27.91
5	8+73.00	LT	31.90
6	8+67.40	LT	31.86
7	8+67.42	LT	27.82

FAP 749 (ILL 133)

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	DRAWN -	REVISED -	
PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/16/2020	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 23**

SCALE: SHEET 23 OF 48 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	76
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				







NOTES:

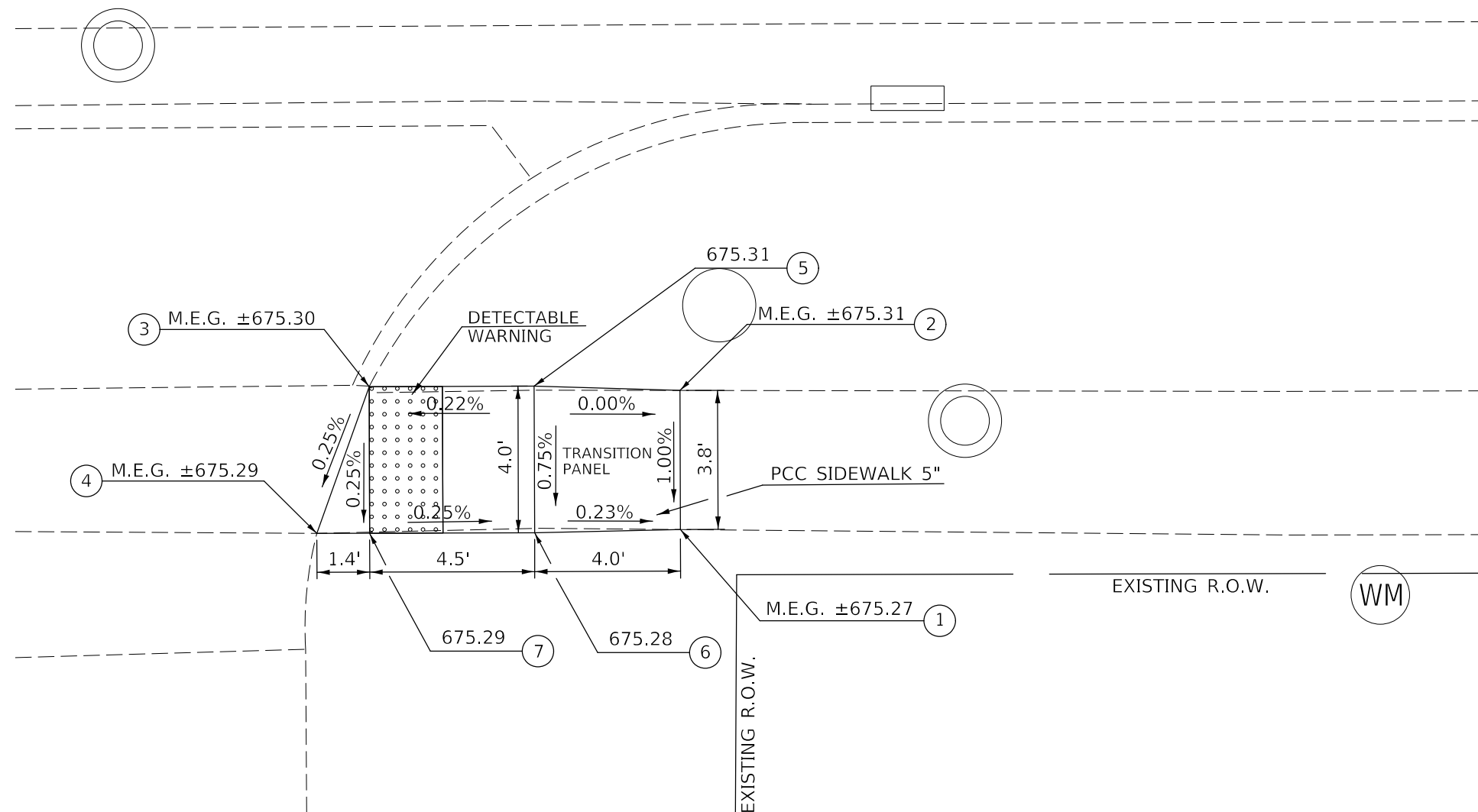
- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

# LOCATION #26 COLLINS ST. S.E. CORNER



COLLINS ST. (S.E. CORNER)			
	STATION	RT	OFFSET
1	9+02.41	RT	31.87
2	9+02.41	RT	28.02
3	8+89.94	RT	27.87
4	8+88.50	RT	31.88
5	8+94.49	RT	27.96
6	8+94.50	RT	31.96
7	8+90.00	RT	31.97

FAP 749 (ILL 133)



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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 4,000' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/16/2020	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 26**

SCALE: SHEET 26 OF 48 SHEETS STA. TO STA.

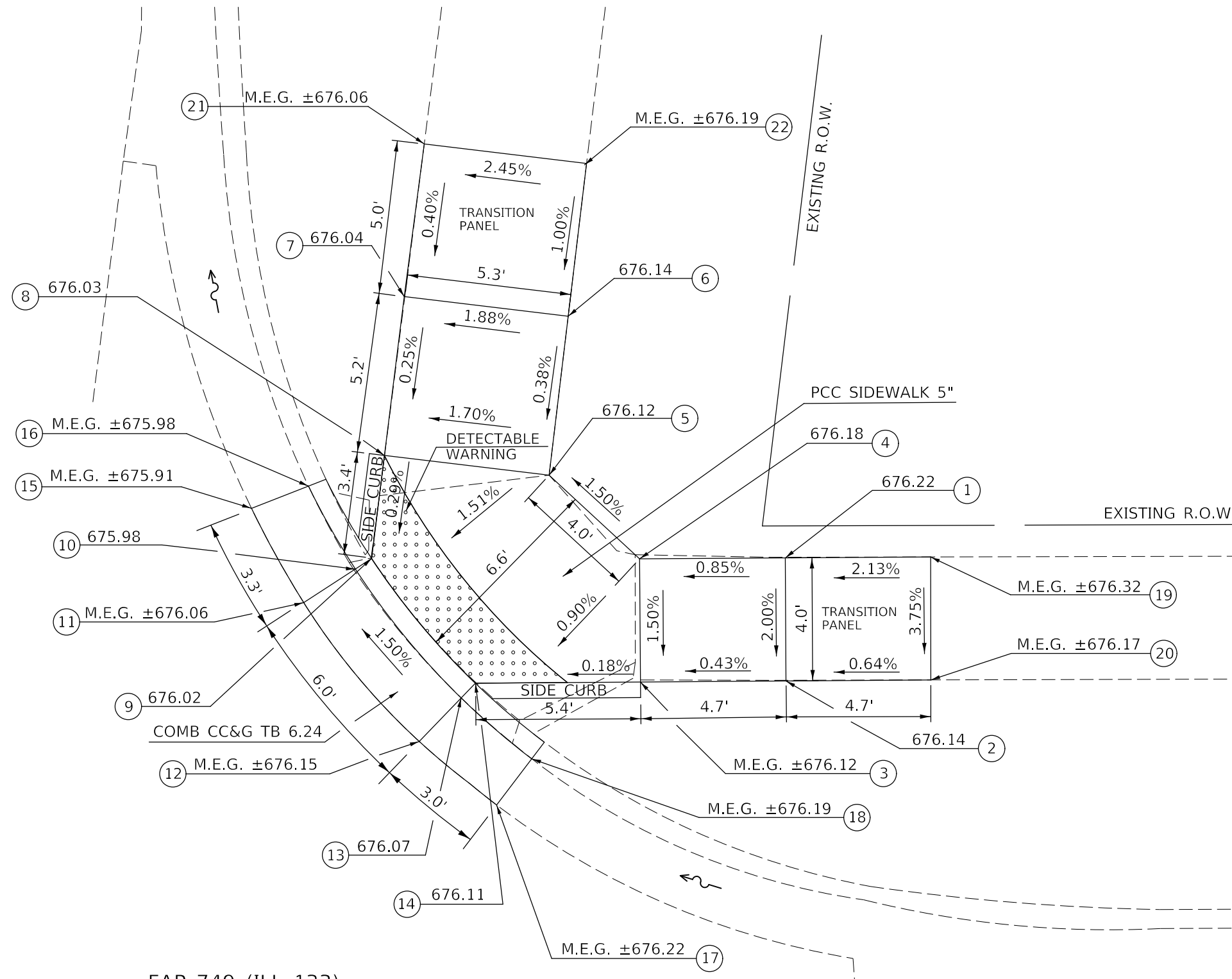
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	79
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

# LOCATION #28 PINE ST. N.E. CORNER



PINE ST. (N.E. CORNER)			
	STATION	LT	OFFSET
1	11+38.97	LT	31.93
2	11+38.99	LT	27.94
3	11+34.28	LT	27.86
4	11+34.24	LT	31.89
5	11+31.38	LT	34.61
6	11+31.93	LT	39.77
7	11+26.63	LT	40.42
8	11+26.08	LT	35.86
9	11+25.51	LT	31.93
10	11+24.98	LT	31.60
11	11+23.28	LT	30.49
12	11+27.05	LT	25.95
13	11+28.48	LT	27.36
14	11+28.89	LT	27.84
15	11+21.63	LT	33.56
16	11+23.48	LT	34.27
17	11+29.59	LT	23.90
18	11+30.72	LT	25.40
19	11+43.77	LT	31.86
20	11+43.77	LT	27.86
21	11+27.31	LT	45.31
22	11+32.62	LT	44.66

FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 28**

SCALE: SHEET 28 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	81
			CONTRACT NO. 70710	
			ILLINOIS FED. AID PROJECT	

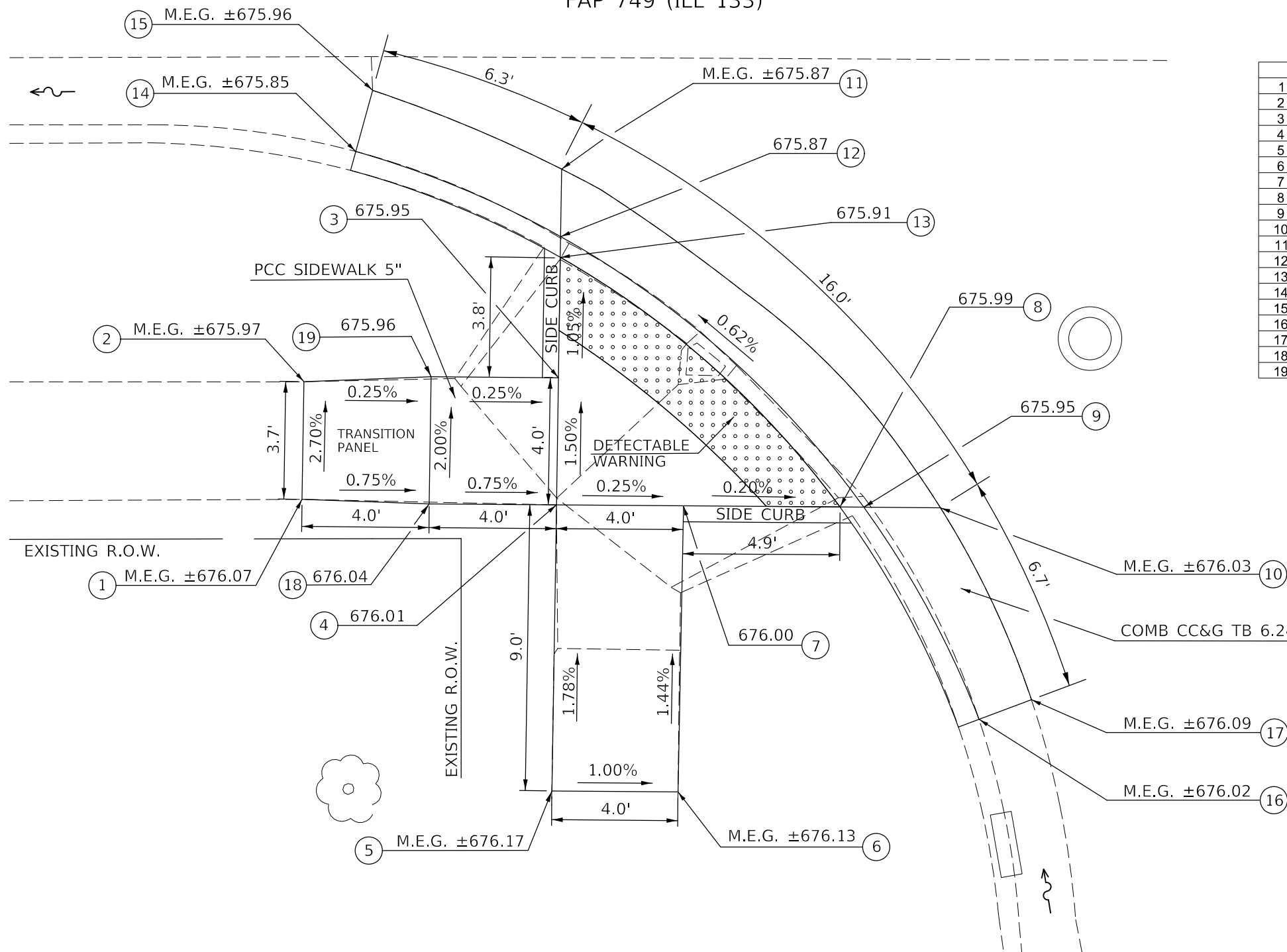
# LOCATION #29 PINE ST. S.W. CORNER



**NOTES:**

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FAP 749 (ILL 133)



PINE ST. (S.W. CORNER)

	STATION		OFFSET
1	10+54.94	RT	31.81
2	10+55.01	RT	28.10
3	10+63.01	RT	28.00
4	10+62.93	RT	32.00
5	10+62.73	RT	44.00
6	10+66.76	RT	44.03
7	10+66.94	RT	32.03
8	10+71.89	RT	32.06
9	10+72.63	RT	32.12
10	10+74.99	RT	32.11
11	10+63.16	RT	21.20
12	10+63.16	RT	23.59
13	10+63.10	RT	24.22
14	10+56.65	RT	20.88
15	10+57.19	RT	18.95
16	10+76.24	RT	38.78
17	10+77.88	RT	38.15
18	10+59.03	RT	32.03
19	10+59.10	RT	28.03

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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 29**

SCALE: SHEET 29 OF 48 SHEETS STA. TO STA.

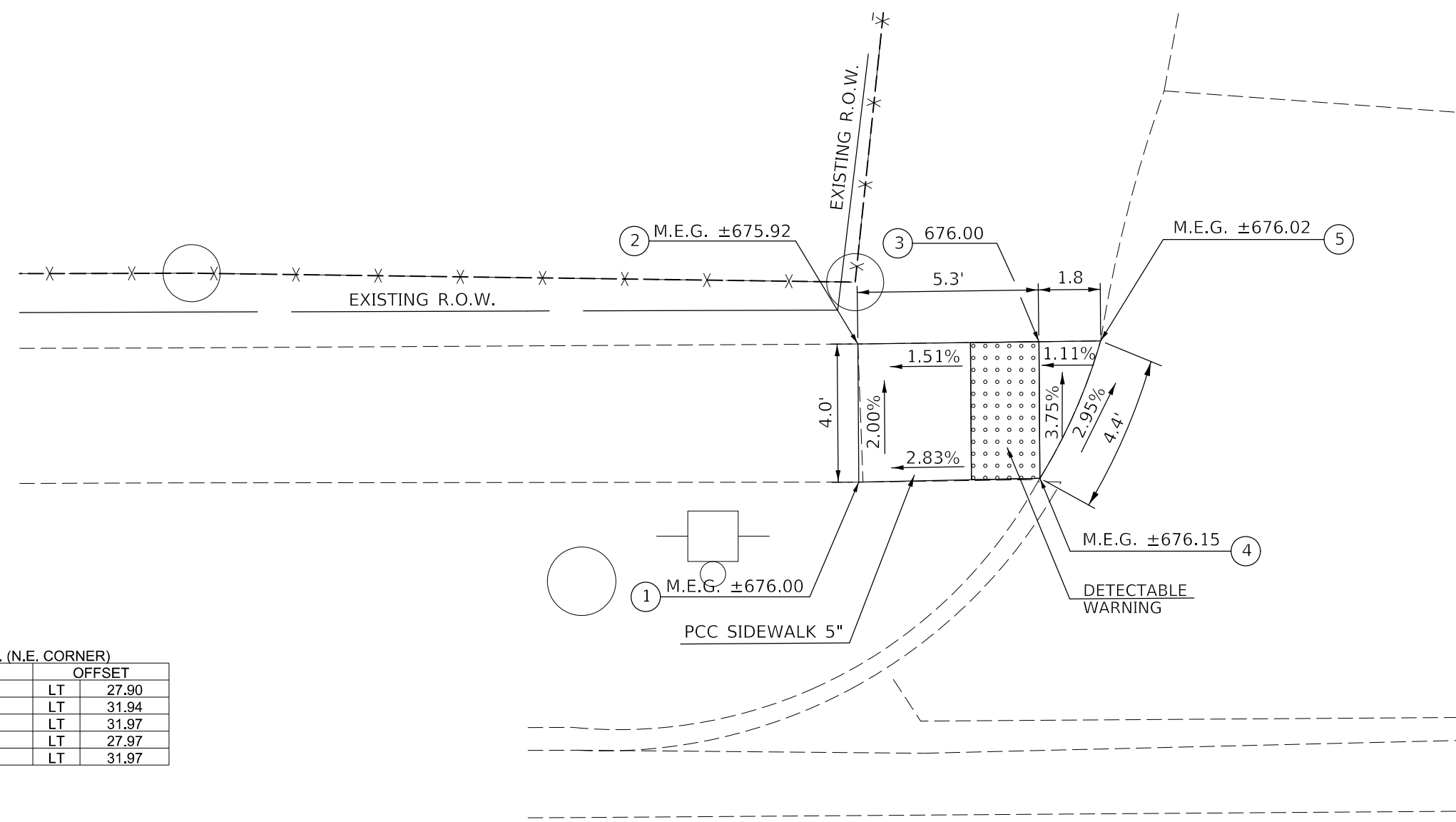
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	82
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				





# LOCATION #31 CHURCH ST. N.W. CORNER

- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



CHURCH ST. (N.E. CORNER)

	STATION	OFFSET
1	13+00.03	LT 27.90
2	12+99.91	LT 31.94
3	13+05.20	LT 31.97
4	13+05.20	LT 27.97
5	13+07.00	LT 31.97

FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 31**

SCALE: SHEET 31 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	84
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

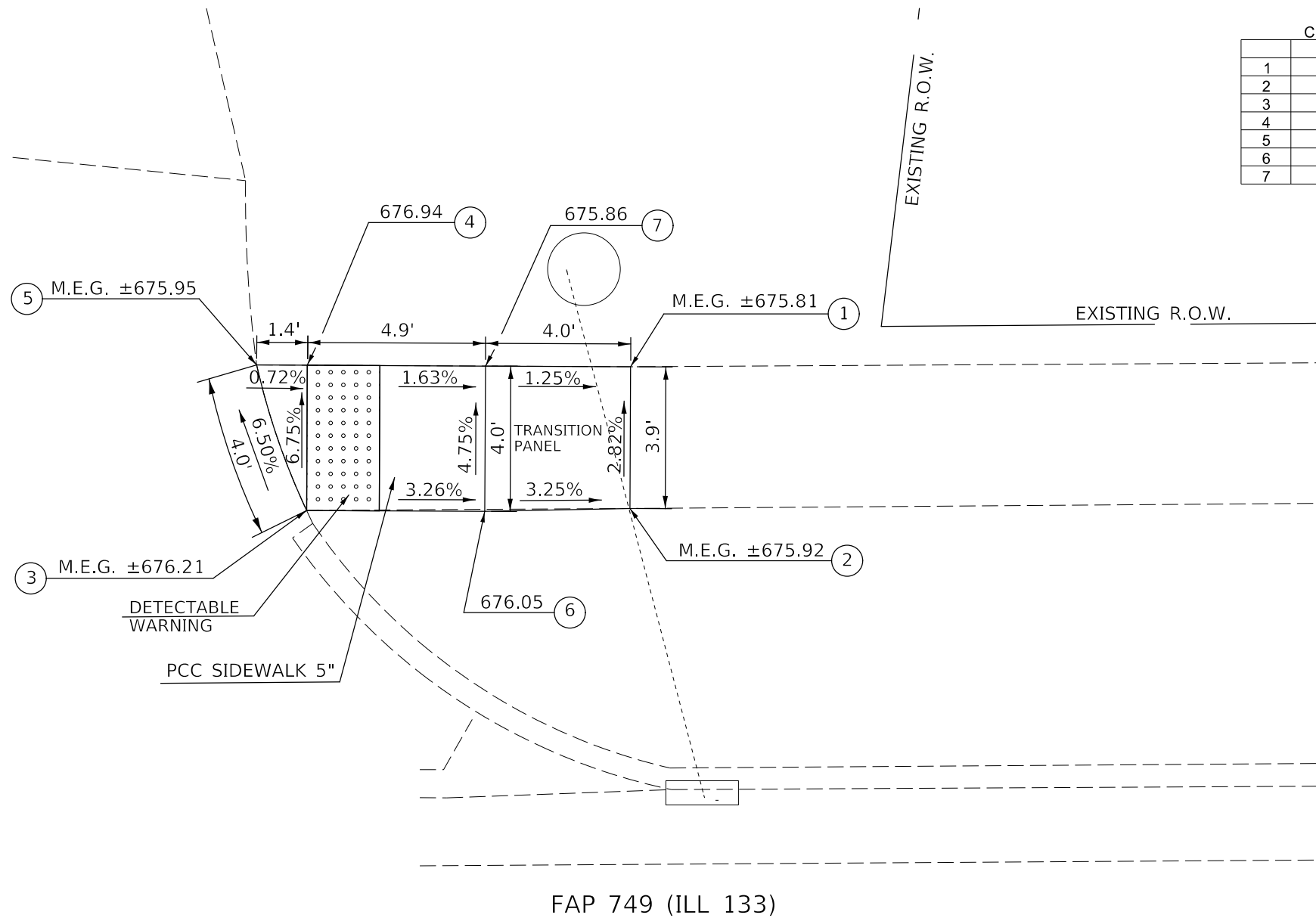


# LOCATION #32 CHURCH ST. N.E. CORNER



**NOTES:**

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



CHURCH ST. (N.E. CORNER)			
	STATION	OFFSET	
1	13+42.80	LT	31.86
2	13+42.81	LT	27.96
3	13+33.84	LT	27.97
4	13+33.90	LT	31.97
5	13+32.50	LT	31.99
6	13+38.03	LT	27.86
7	13+38.88	LT	31.86

FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 32**

SCALE: SHEET 32 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	85
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

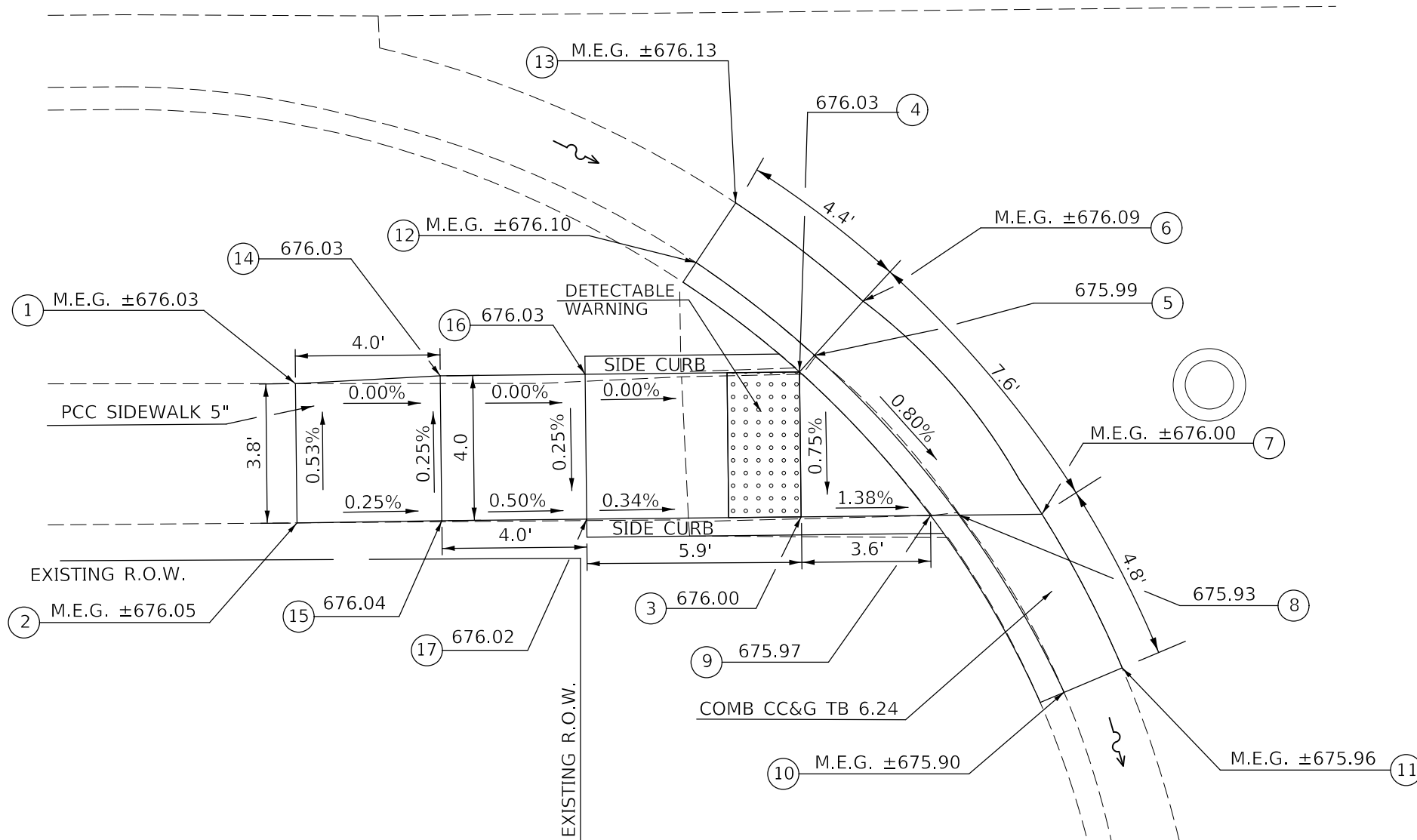


# LOCATION #33 RIDGE ST. S.W. CORNER

**NOTES:**

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FAP 749 (ILL 133)



RIDGE ST. (S.W. CORNER)			
	STATION	RT	OFFSET
1	13+88.07	RT	28.19
2	13+88.09	RT	32.04
3	14+02.01	RT	31.97
4	14+02.00	RT	27.97
5	14+02.43	RT	27.55
6	14+03.89	RT	26.11
7	14+08.66	RT	31.95
8	14+06.39	RT	31.97
9	14+05.62	RT	31.96
10	14+09.24	RT	36.88
11	14+10.84	RT	36.2
12	13+99.15	RT	24.95
13	14+00.26	RT	23.29
14	13+92.16	RT	28.05
15	13+92.17	RT	32.05
16	13+96.16	RT	32.04
17	13+66.17	RT	28.04

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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 33**

SCALE: SHEET 33 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,5W	DOUGLAS	148	86
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

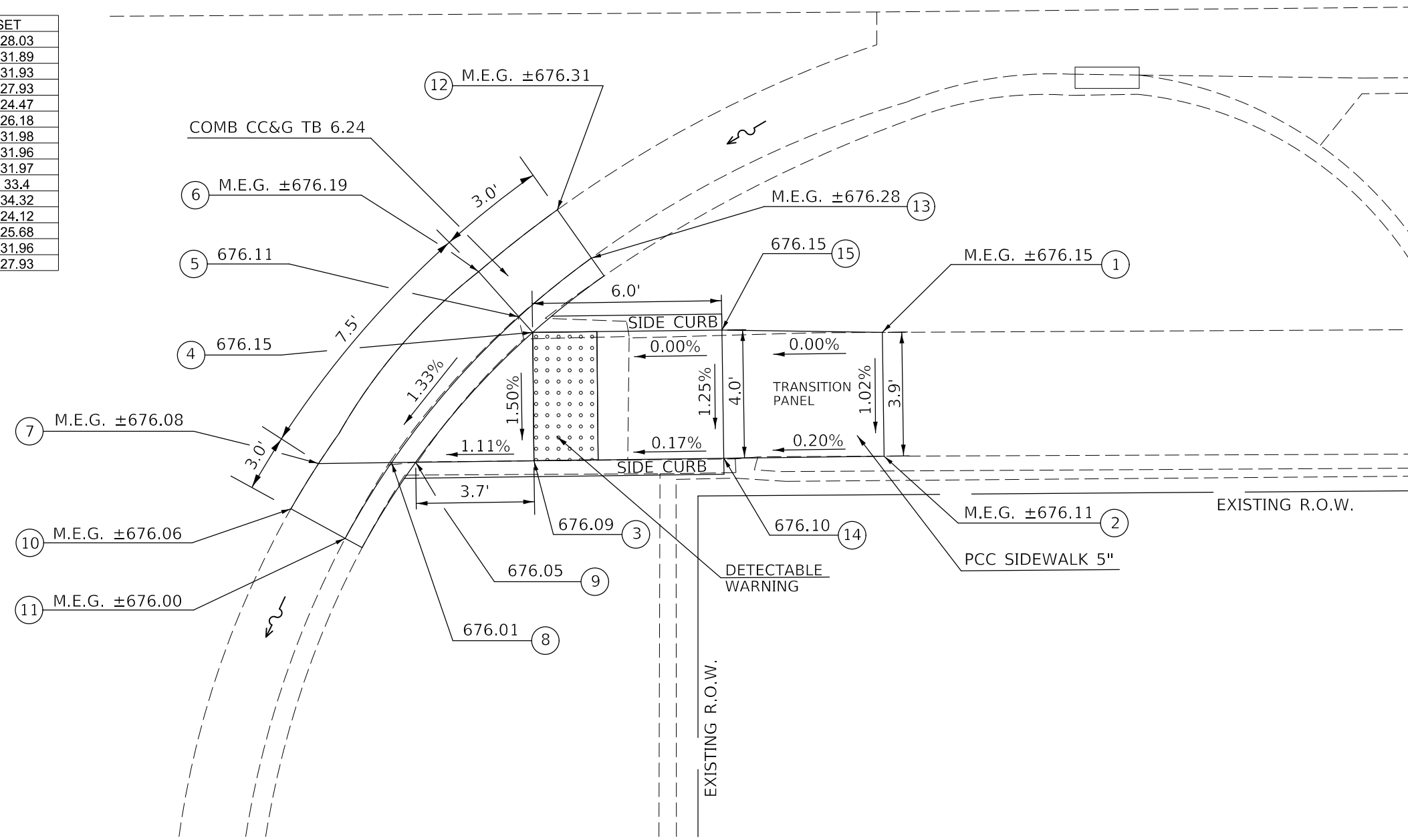


# LOCATION #34 RIDGE ST. S.E. CORNER

- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FAP 749 (ILL 133)

RIDGE ST. (S.E. CORNER)			
	STATION	RT	OFFSET
1	14+61.69	RT	28.03
2	14+61.72	RT	31.89
3	14+50.72	RT	31.93
4	14+50.69	RT	27.93
5	14+50.25	RT	24.47
6	14+48.96	RT	26.18
7	14+44.09	RT	31.98
8	14+46.31	RT	31.96
9	14+47.09	RT	31.97
10	14+43.23	RT	33.4
11	14+44.90	RT	34.32
12	14+51.59	RT	24.12
13	14+52.63	RT	25.68
14	14+56.80	RT	31.96
15	14+56.77	RT	27.93



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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 34**

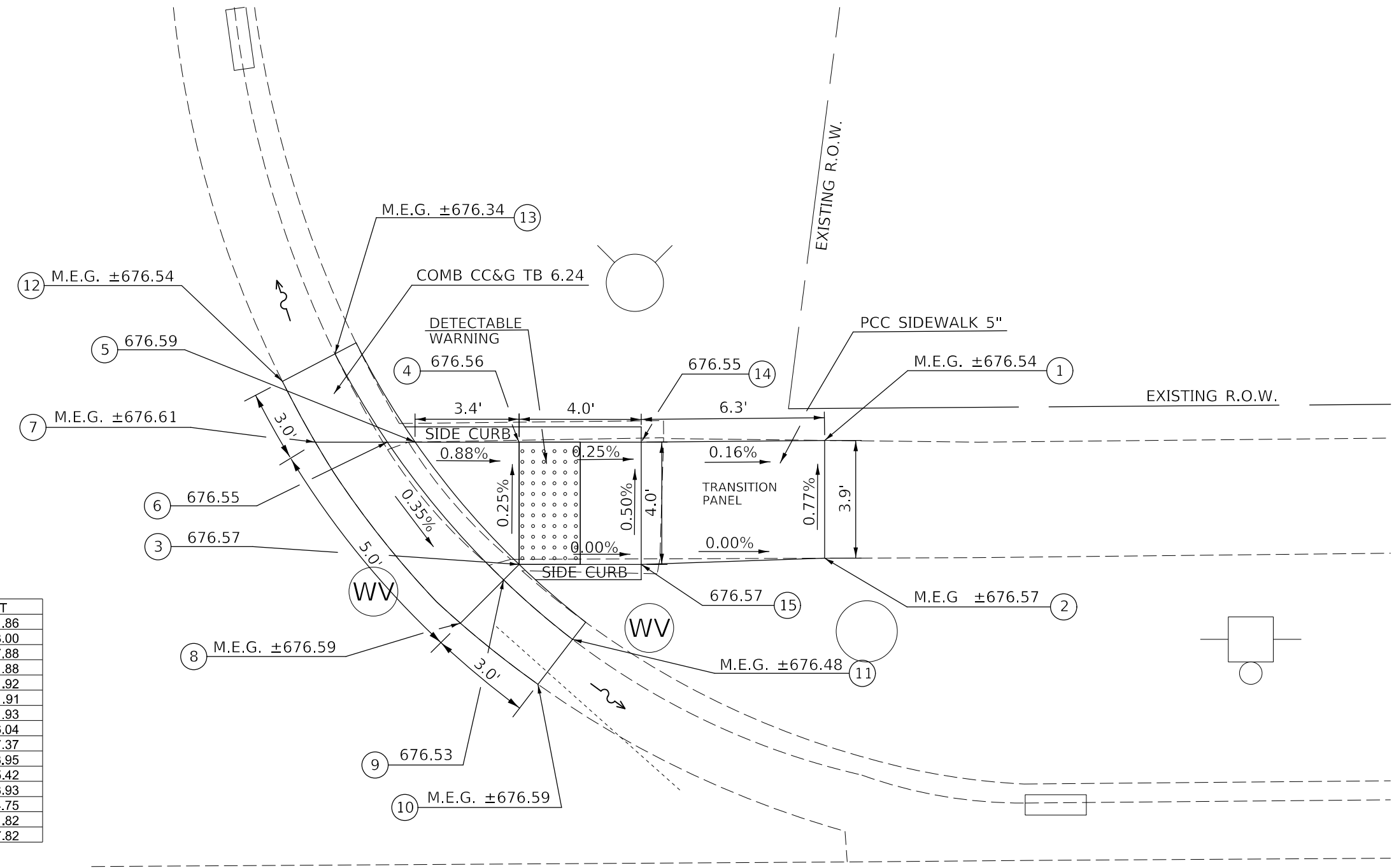
SCALE: SHEET 34 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	87
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



- NOTES:
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

# LOCATION #36 RIDGE ST. N.E. CORNER



RIDGE ST. (N.E. CORNER)

	STATION	OFFSET	
1	15+72.97	LT	31.86
2	15+72.94	LT	28.00
3	15+62.94	LT	27.88
4	15+62.97	LT	31.88
5	15+59.48	LT	31.92
6	15+58.69	LT	31.91
7	15+56.25	LT	31.93
8	15+61.08	LT	26.04
9	15+62.43	LT	27.37
10	15+63.53	LT	23.95
11	15+64.66	LT	25.42
12	15+55.24	LT	33.93
13	15+56.96	LT	34.75
14	15+67.04	LT	31.82
15	15+67.02	LT	27.82

FAP 749 (ILL 133)

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\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

USER NAME = eaglinga DESIGNED - DRAWN - PLOT SCALE = 4,0000' / in. CHECKED - PLOT DATE = 3/16/2020 DATE -	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ADA SIDEWALK RAMP</b> <b>LOCATION 36</b>		TOTAL SHEETS 148 SHEET NO. 89 CONTRACT NO. 70710
				F.A. RTE. * SECTION (121)RS-7,SW COUNTY DOUGLAS ILLINOIS FED. AID PROJECT	SCALE: SHEET 36 OF 48 SHEETS STA. TO STA.	



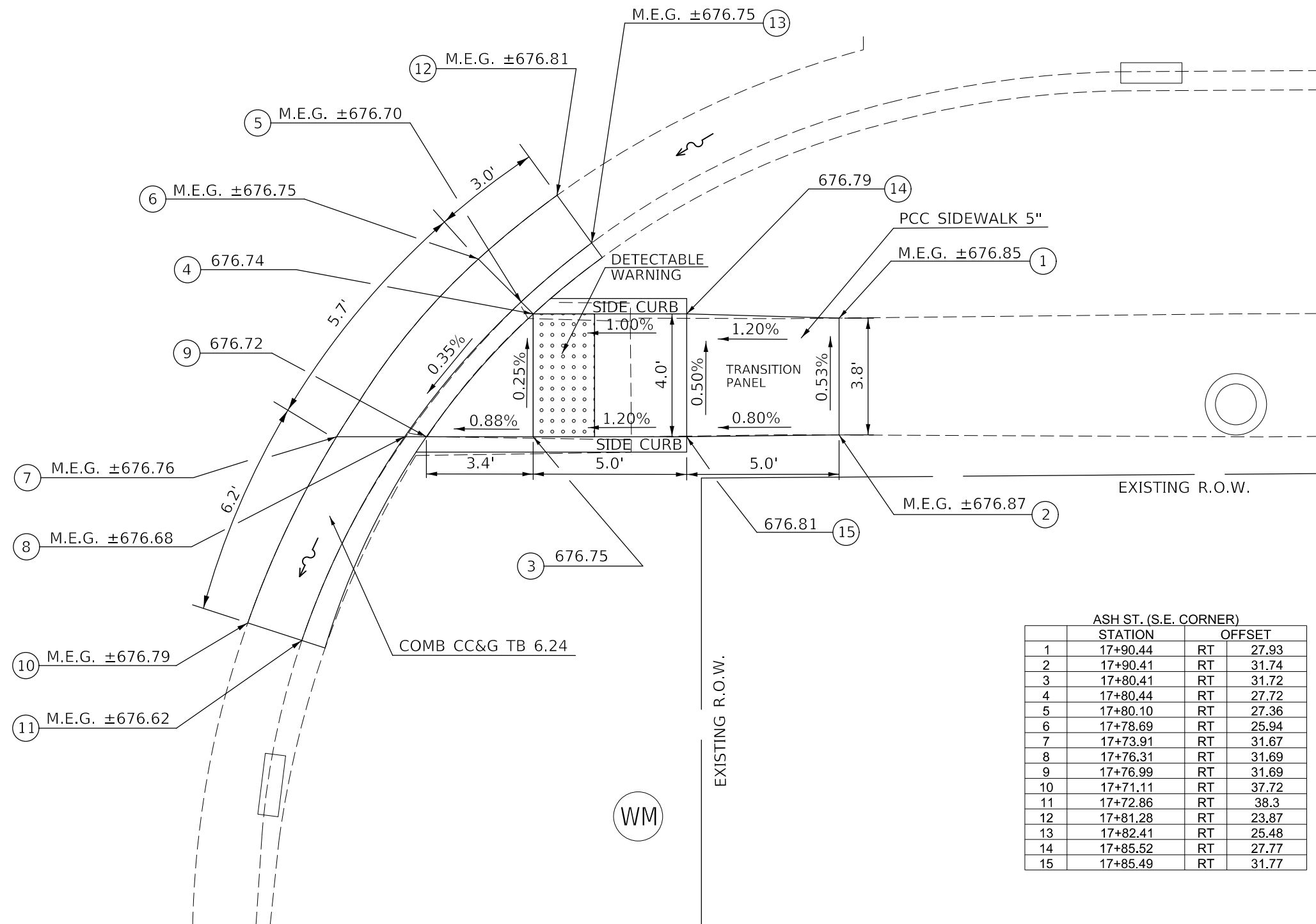
NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

# LOCATION #38 ASH ST. S.E. CORNER



FAP 749 (ILL 133)



ASH ST. (S.E. CORNER)			
	STATION	OFFSET	
1	17+90.44	RT	27.93
2	17+90.41	RT	31.74
3	17+80.41	RT	31.72
4	17+80.44	RT	27.72
5	17+80.10	RT	27.36
6	17+78.69	RT	25.94
7	17+73.91	RT	31.67
8	17+76.31	RT	31.69
9	17+76.99	RT	31.69
10	17+71.11	RT	37.72
11	17+72.86	RT	38.3
12	17+81.28	RT	23.87
13	17+82.41	RT	25.48
14	17+85.52	RT	27.77
15	17+85.49	RT	31.77

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USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 38**

SCALE: SHEET 38 OF 48 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	91
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



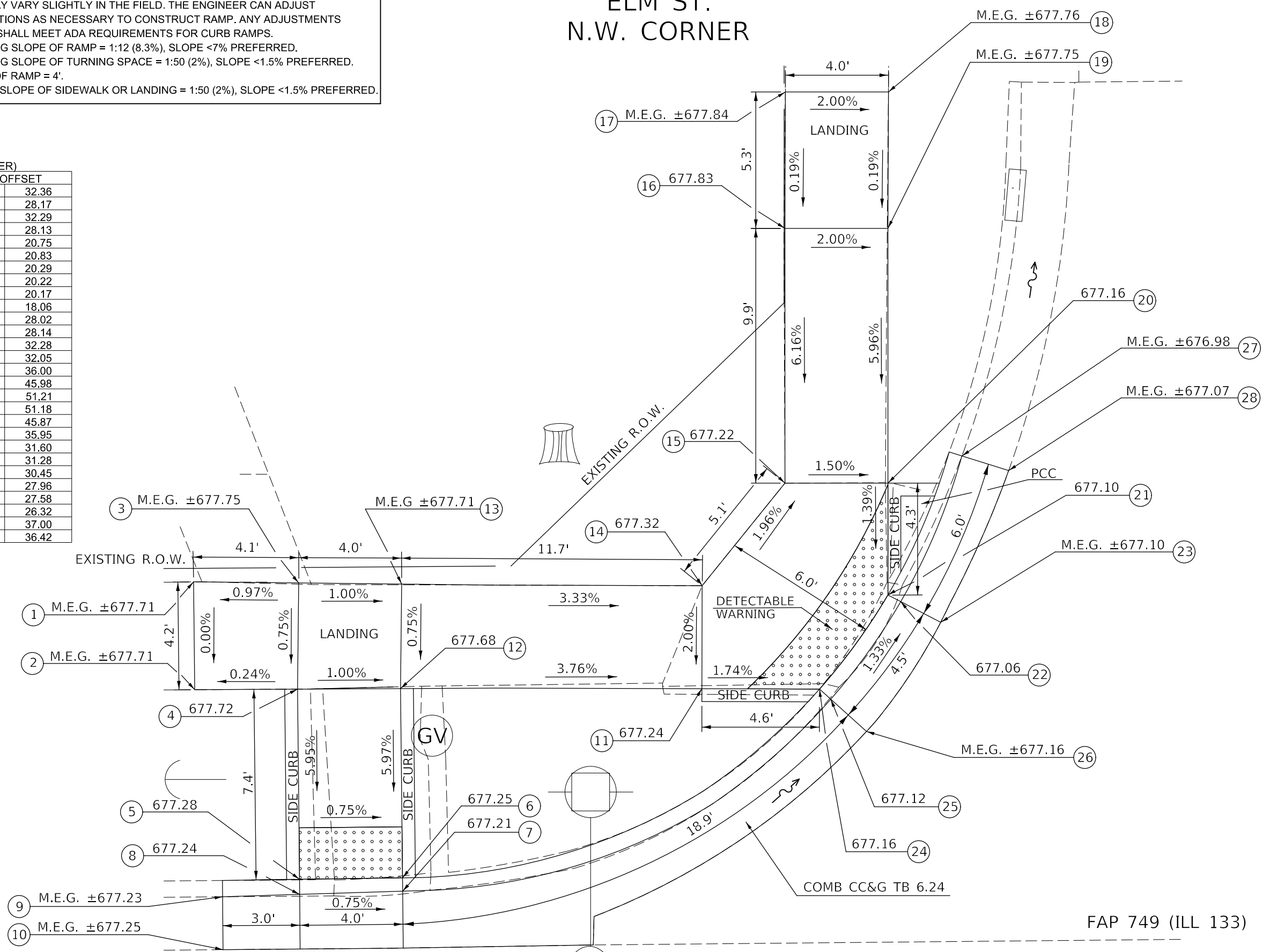
# LOCATION #39 ELM ST. N.W. CORNER

### NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

ELM ST. (N.W. CORNER)

	STATION	LT	OFFSET
1	20+79.22	LT	32.36
2	20+79.23	LT	28.17
3	20+83.31	LT	32.29
4	20+83.20	LT	28.13
5	20+83.24	LT	20.75
6	20+87.26	LT	20.83
7	20+87.27	LT	20.29
8	20+83.26	LT	20.22
9	20+80.26	LT	20.17
10	20+80.26	LT	18.06
11	20+98.99	LT	28.02
12	20+87.25	LT	28.14
13	20+87.31	LT	32.28
14	20.99.03	LT	32.05
15	21+02.28	LT	36.00
16	21+02.25	LT	45.98
17	21+02.41	LT	51.21
18	21+06.40	LT	51.18
19	21+06.37	LT	45.87
20	21+06.30	LT	35.95
21	21+06.27	LT	31.60
22	21+06.71	LT	31.28
23	21+08.37	LT	30.45
24	21+03.54	LT	27.96
25	21+03.98	LT	27.58
26	21+05.36	LT	26.32
27	21+09.21	LT	37.00
28	21+10.98	LT	36.42



FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP  
LOCATION 39

SCALE: SHEET 39 OF 48 SHEETS STA. TO STA.

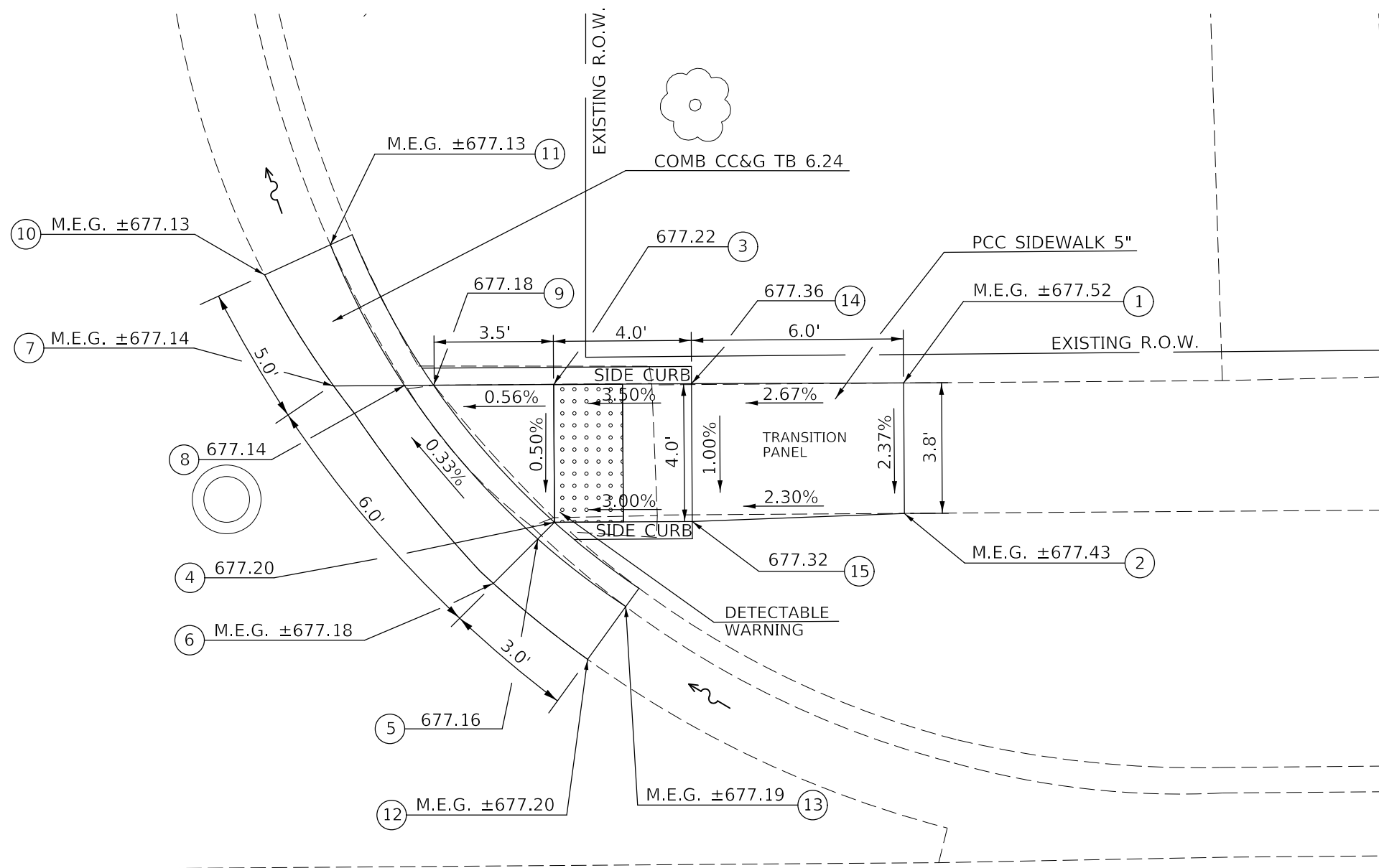
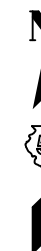
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	92
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

## LOCATION #40 ELM ST. N.E. CORNER



ELM ST. (N.E. CORNER)

	STATION	OFFSET
1	21+61.15	LT 32.04
2	21+61.14	LT 28.24
3	21+51.15	LT 32.08
4	21+51.13	LT 28.08
5	21+50.70	LT 27.62
6	21+49.27	LT 26.25
7	21+44.37	LT 32.10
8	21+46.90	LT 32.08
9	21+47.69	LT 32.08
10	21+42.64	LT 35.34
11	21+44.59	LT 36.18
12	21+51.91	LT 24.10
13	21+52.98	LT 25.59
14	21+55.22	LT 32.08
15	21+55.22	LT 28.08

FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT SCALE = 4.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 40**

SCALE: SHEET 40 OF 48 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	93
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

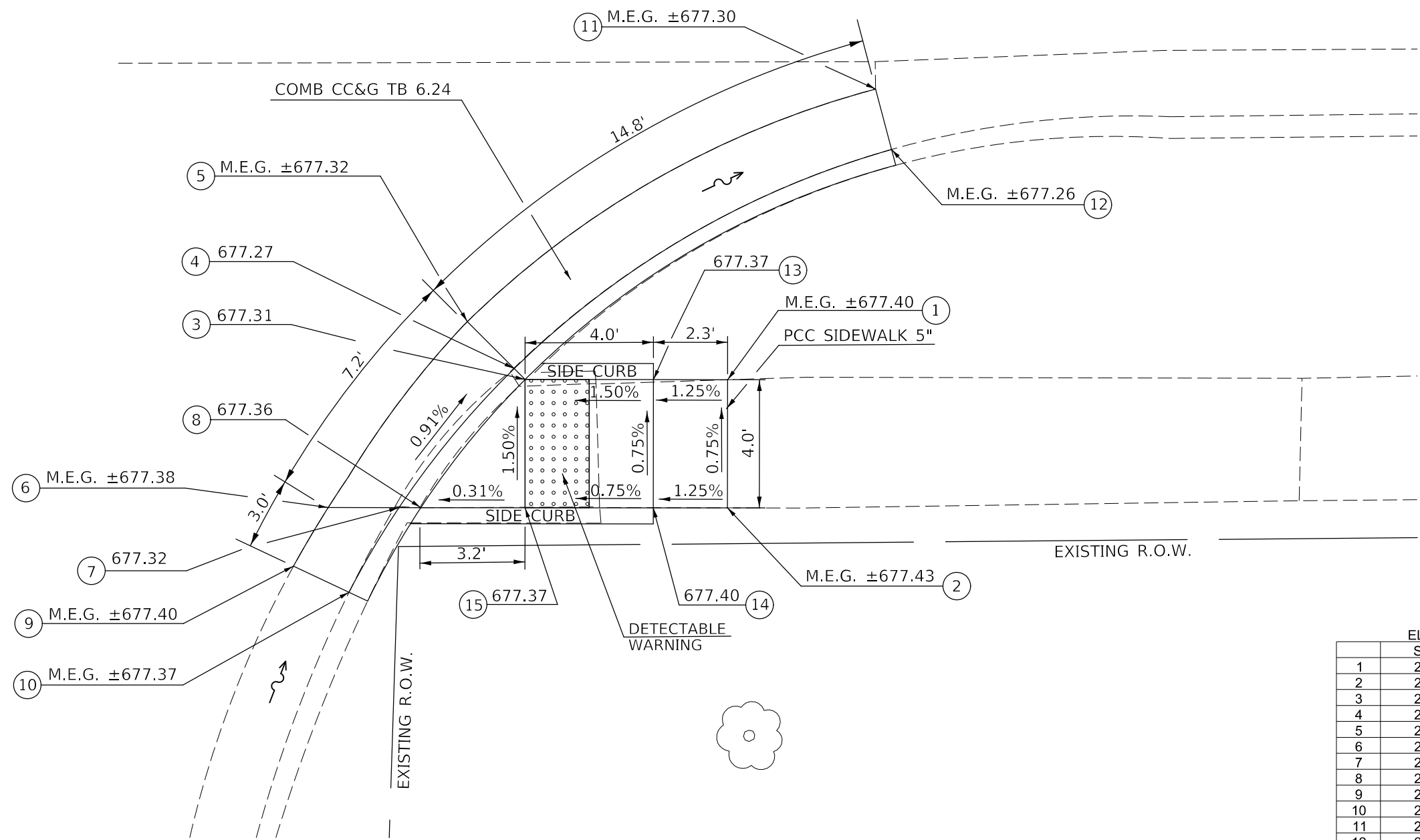




# LOCATION #42 ELM ST. S.E. CORNER

- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FAP 749 (ILL 133)



ELM ST. (S.E. CORNER)			
	STATION	RT	OFFSET
1	21+42.35	RT	28.02
2	21+42.32	RT	32.02
3	21+35.96	RT	27.96
4	21+35.66	RT	27.64
5	21+34.28	RT	26.25
6	21+29.72	RT	31.89
7	21+32.07	RT	31.94
8	21+32.64	RT	31.91
9	21+28.77	RT	33.72
10	21+30.49	RT	34.58
11	21+47.05	RT	19.00
12	21+47.52	RT	20.89
13	21+40.04	RT	27.98
14	21+40.00	RT	31.98
15	21+36.00	RT	31.95

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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 DATE: 3/16/2020

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 42**

SCALE: SHEET 42 OF 48 SHEETS STA. TO STA.

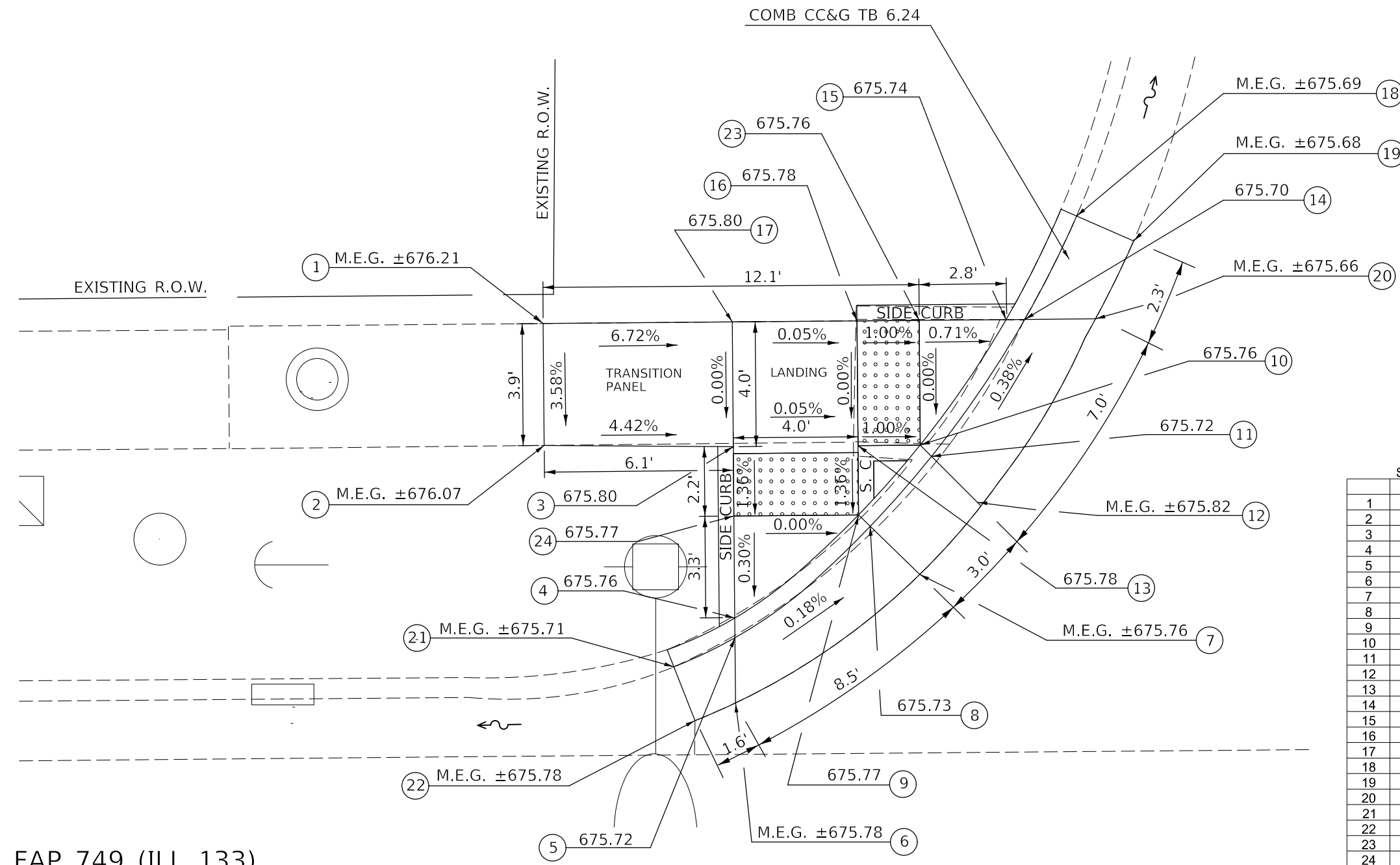
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12)RS-7.5W	DOUGLAS	148	95
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



# LOCATION #43 SHELDON ST. N.W. CORNER

**NOTES:**

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



SHELDON ST. (N.W. CORNER)			
	STATION	OFFSET	
1	27+41.58	LT	31.93
2	27+41.58	LT	28.02
3	27+47.65	LT	27.93
4	22+47.66	LT	22.40
5	27+47.63	LT	21.79
6	27+47.64	LT	19.81
7	27+53.45	LT	23.91
8	27+52.03	LT	25.29
9	27+51.64	LT	25.70
10	27+53.64	LT	27.93
11	27+54.04	LT	27.57
12	27+55.53	LT	26.00
13	27+51.64	LT	27.93
14	27+57.00	LT	31.90
15	27+56.44	LT	31.94
16	27+51.72	LT	31.93
17	27+47.64	LT	31.93
18	27+58.72	LT	35.22
19	27+60.54	LT	34.42
20	27+59.45	LT	31.90
21	27+45.63	LT	20.87
22	27+46.34	LT	19.15
23	27+53.72	LT	31.94
24	27+47.72	LT	25.72

FAP 749 (ILL 133)

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PLOT SCALE = 4,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 43**

SCALE: SHEET 43 OF 48 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	96
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

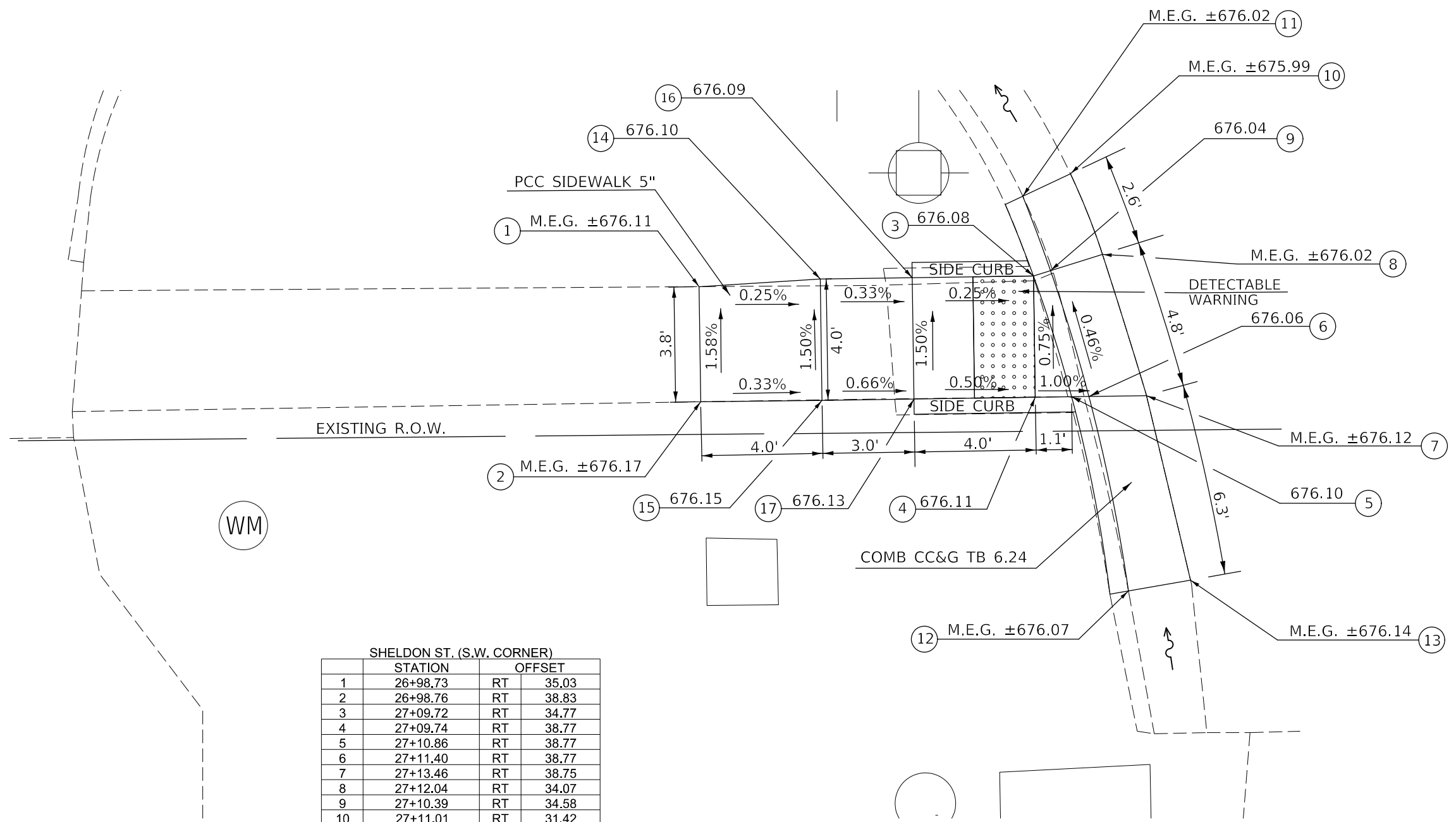




# LOCATION #45 KELLY MOORE DR. S.W. CORNER

FAP 749 (ILL 133)

- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



**SHELDON ST. (S.W. CORNER)**

	STATION	RT	OFFSET
1	26+98.73	RT	35.03
2	26+98.76	RT	38.83
3	27+09.72	RT	34.77
4	27+09.74	RT	38.77
5	27+10.86	RT	38.77
6	27+11.40	RT	38.77
7	27+13.46	RT	38.75
8	27+12.04	RT	34.07
9	27+10.39	RT	34.58
10	27+11.01	RT	31.42
11	27+09.42	RT	32.18
12	27+12.79	RT	45.18
13	27+14.85	RT	44.84
14	27+02.81	RT	34.8
15	27+02.84	RT	38.8
16	27+05.80	RT	34.79
17	27+05.83	RT	38.79

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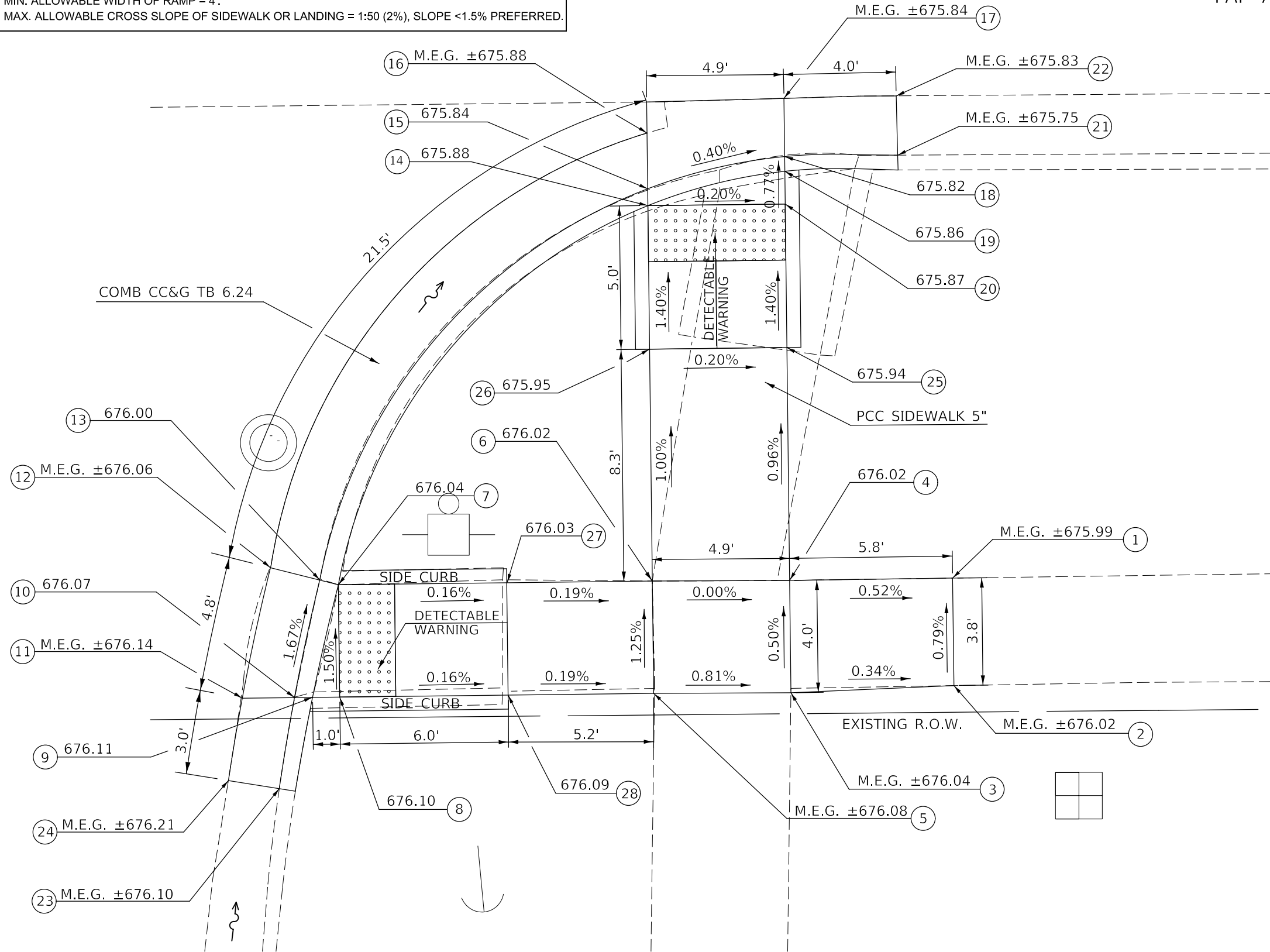
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SCALE:			SHEET 45 OF 48 SHEETS STA. TO STA.		

# LOCATION #46 SHELDON ST. S.E. CORNER

FAP 749 (ILL 133)



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



SHELDON ST. (S.E. CORNER)			
	STATION	RT	OFFSET
1	27+60.40	RT	35.08
2	27+60.41	RT	38.90
3	27+52.40	RT	39.15
4	27+52.40	RT	35.13
5	27+47.52	RT	39.11
6	27+47.51	RT	35.11
7	27+36.32	RT	35.14
8	27+36.34	RT	39.14
9	27+35.37	RT	39.16
10	27+34.74	RT	39.13
11	27+32.83	RT	39.15
12	27+33.91	RT	34.51
13	27+35.67	RT	34.97
14	27+47.47	RT	21.84
15	27+47.46	RT	21.14
16	27+47.46	RT	19.15
17	27+52.35	RT	17.96
18	27+52.36	RT	20.03
19	27+52.37	RT	20.56
20	27+52.36	RT	21.83
21	27+56.38	RT	20.02
22	27+56.35	RT	17.91
23	27+34.16	RT	42.39
24	27+32.35	RT	42.08
25	27+52.47	RT	26.83
26	27+47.58	RT	26.84
27	27+42.42	RT	35.12
28	27+42.43	RT	39.12

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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMPS  
LOCATION 46**

SCALE: SHEET 46 OF 48 SHEETS STA. TO STA.

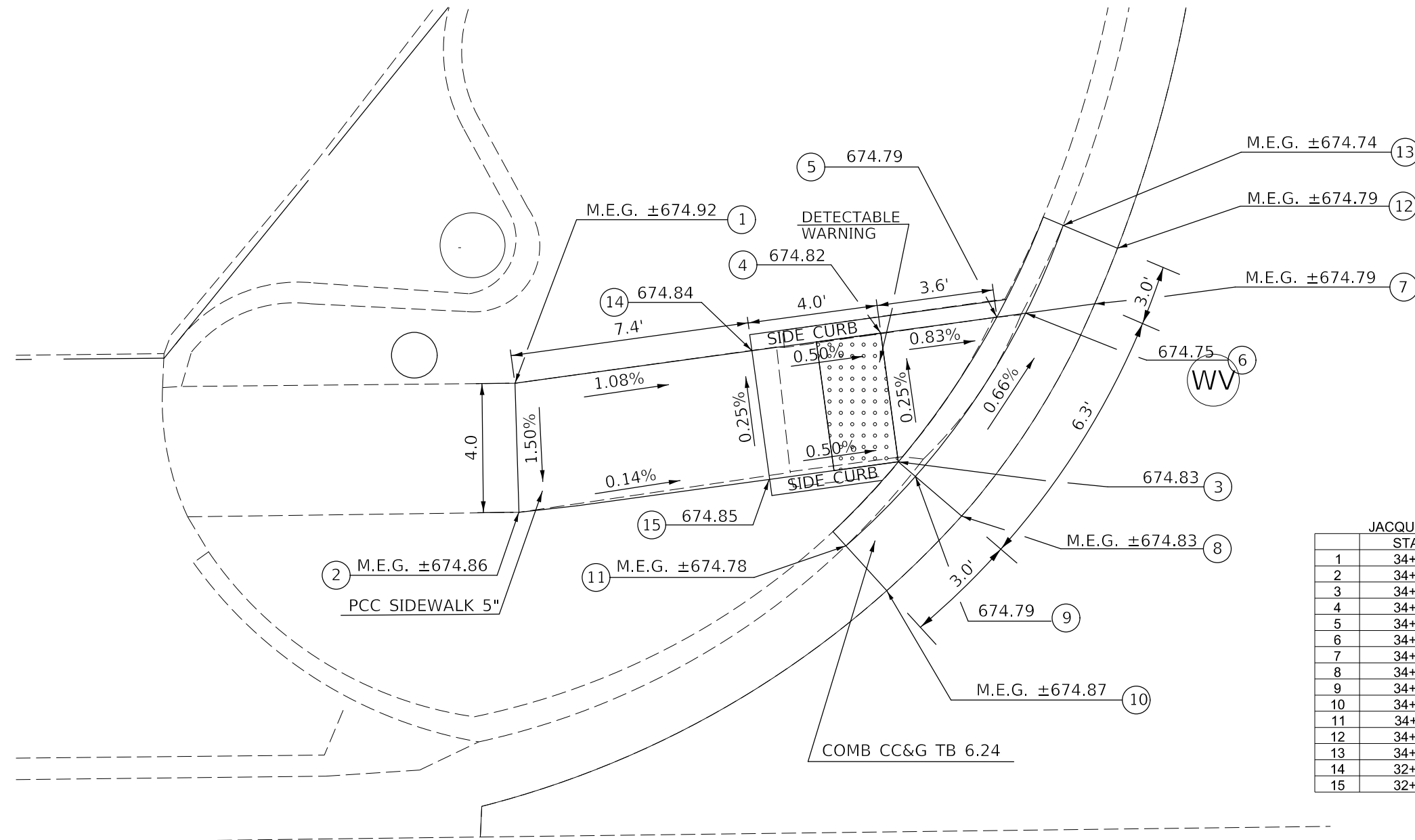
\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	99
			CONTRACT NO. 70710	
		ILLINOIS	FED. AID PROJECT	

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

## LOCATION #47 JACQUES ST. N.W. CORNER



**JACQUES ST. (N.E. CORNER)**

	STATION		OFFSET
1	34+79.39	LT	32.02
2	34+79.47	LT	28.05
3	34+91.18	LT	29.47
4	34+90.68	LT	33.44
5	34+94.37	LT	33.90
6	34+95.00	LT	33.98
7	34+97.38	LT	34.28
8	34+93.08	LT	27.80
9	34+91.57	LT	29.12
10	34+90.76	LT	25.5
11	34+89.51	LT	26.88
12	34+97.99	LT	35.96
13	34+96.33	LT	36.68
14	32+20.89	LT	32.95
15	32+20.89	LT	28.97

FAP 749 (ILL 133)

MODEL: s:\MODEL\MHFE  
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 PROJECT: 0570710\CADD\Drawings\DOT\_Offices\Drawings\0570710\_rte\_47\ada-ramp.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 47**

SCALE: SHEET 47 OF 48 SHEETS STA. TO STA.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

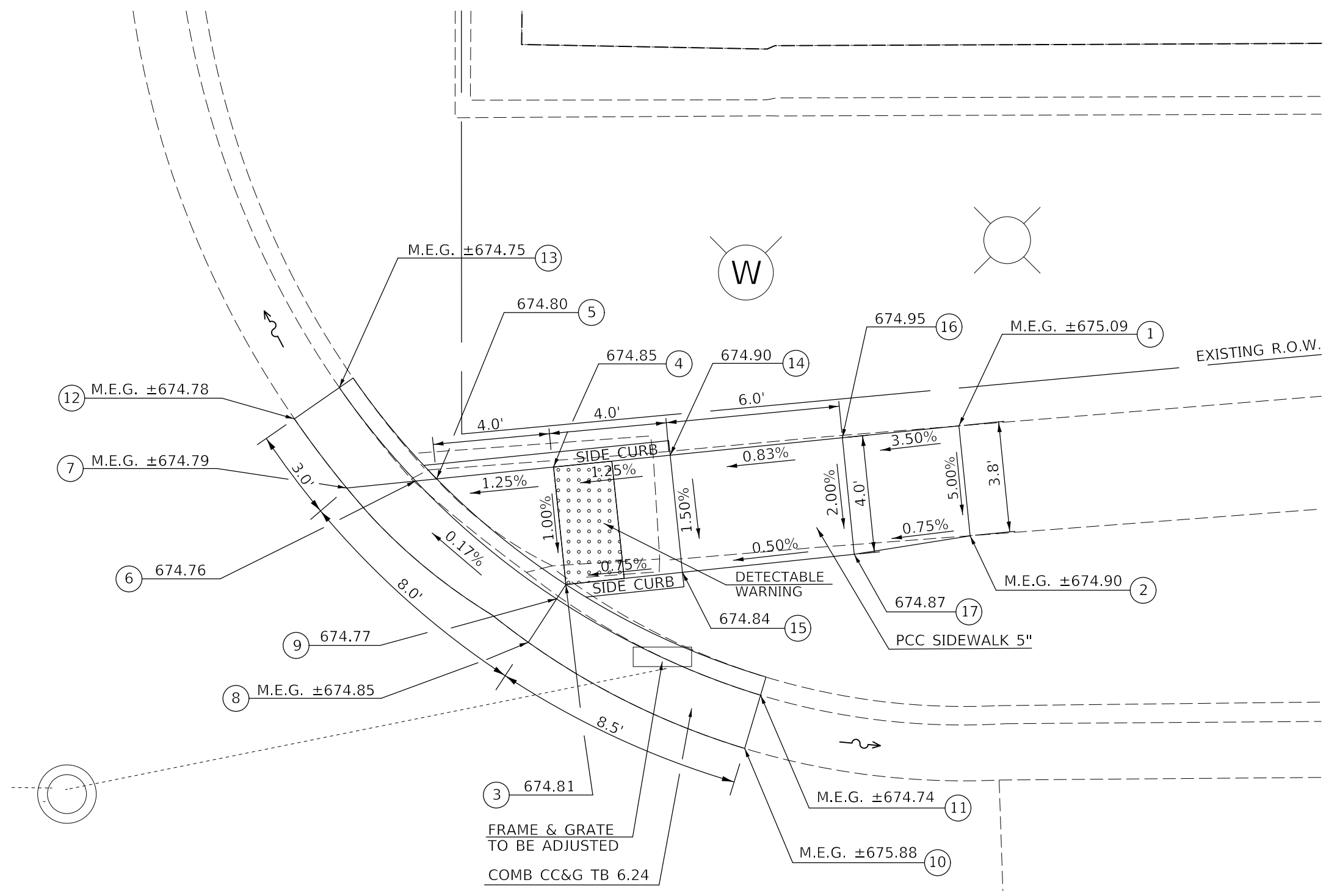
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	100
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



# LOCATION #48 JACQUES ST. N.E. CORNER



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
  - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <7% PREFERRED.
  - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
  - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
  - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.



**JACQUES ST. (N.E. CORNER)**

	STATION		OFFSET
1	35+55.54	LT	40.89
2	35+55.87	LT	37.13
3	35+42.01	LT	35.63
4	35+41.65	LT	39.64
5	35+37.62	LT	39.28
6	35+36.90	LT	39.21
7	35+34.58	LT	33.56
8	35+40.64	LT	33.57
9	35+41.67	LT	35.14
10	35+48.25	LT	29.92
11	35+48.84	LT	31.71
12	35+32.86	LT	41.40
13	35+34.42	LT	42.40
14	35+45.64	LT	40.03
15	35+46.00	LT	35.98
16	35+51.50	LT	40.53
17	35+51.91	LT	36.55

FAP 749 (ILL 133)

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

MODEL: s:\MODEL\MHFS  
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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 4,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP  
LOCATION 48**

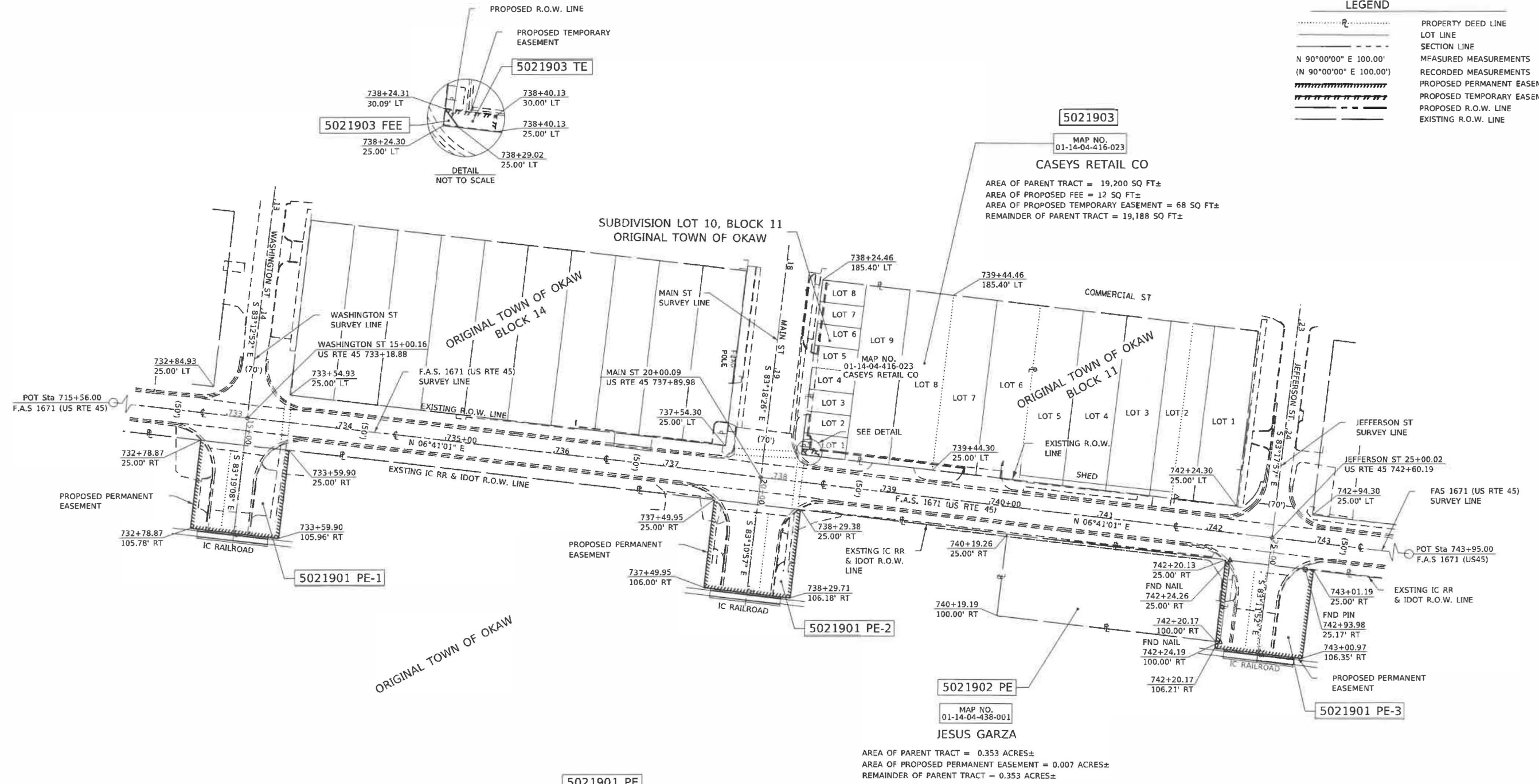
SCALE: SHEET 48 OF 48 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	101
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

SECTION 4, T14N, R 8E, 3RD P.M.

LEGEND

- PROPERTY DEED LINE
- LOT LINE
- SECTION LINE
- MEASURED MEASUREMENTS
- RECORDED MEASUREMENTS
- PROPOSED PERMANENT EASEMENT LINE
- PROPOSED TEMPORARY EASEMENT
- PROPOSED R.O.W. LINE
- EXISTING R.O.W. LINE



THIS RIGHT OF WAY PLAN WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A RIGHT OF WAY PLAN.

*William A. Kenter* 8/1/2019

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20

FIELD WORK COMPLETED 03/20/2019



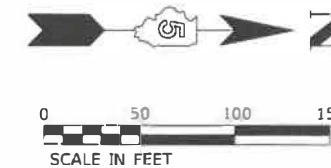
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PLOT SCALE = 100,0000' / in.	DRAWN = EPF	REVISED =
PLOT DATE = 8/8/2019	CHECKED = WAK	REVISED =
	DATE = 04/24/2019	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

PROJECT D-95-091-07	JOB NO. R-95-002-019
SHEET 2 OF 2 SHEETS	STA. 732+00.00 TO STA. 744+00.00
SCALE: 50	

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	2	2
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70710	



BEARINGS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83 (2011). THIS DRAWING IS IN GRID COORDINATES. GRID FACTOR IS 0.99994890.

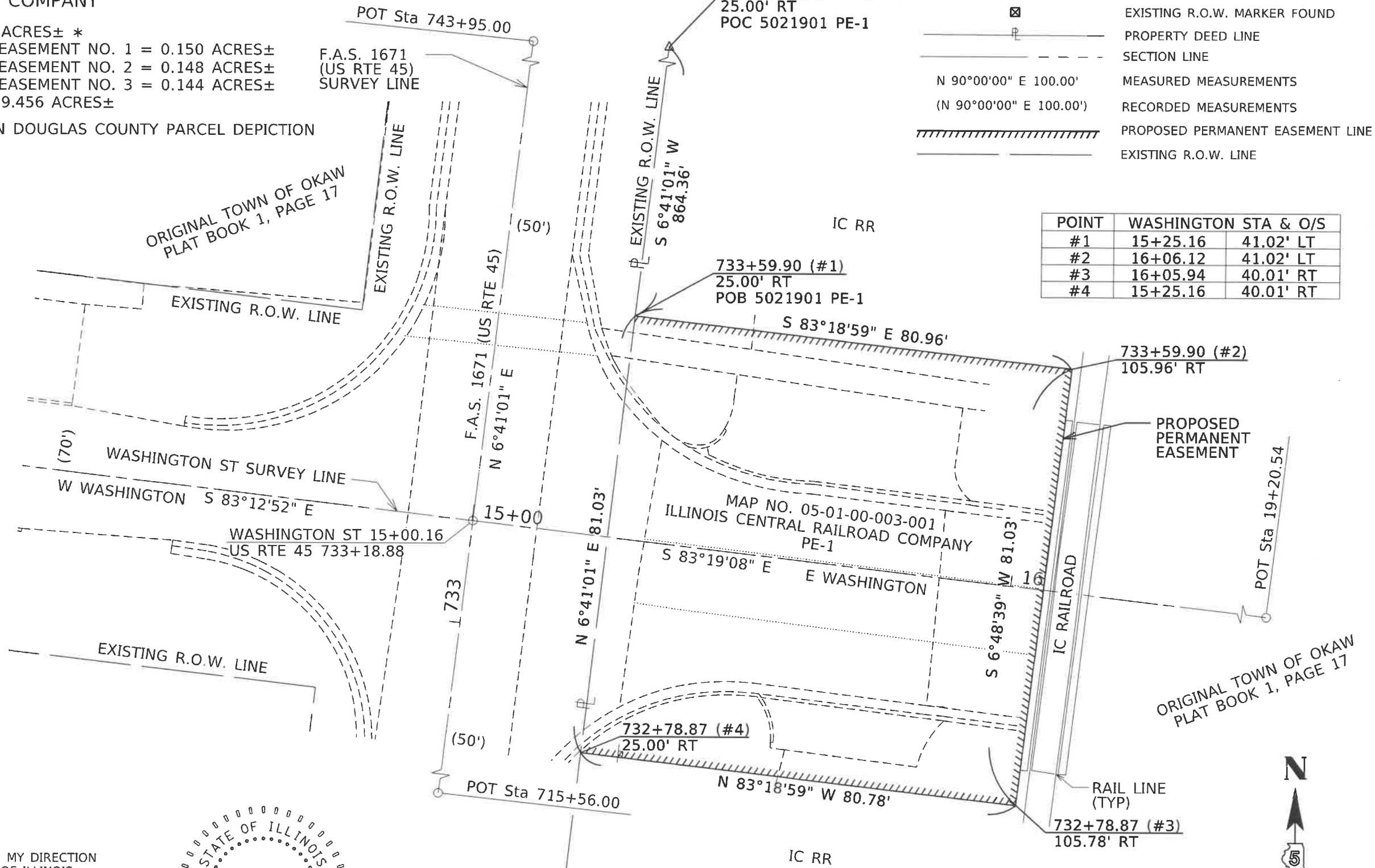
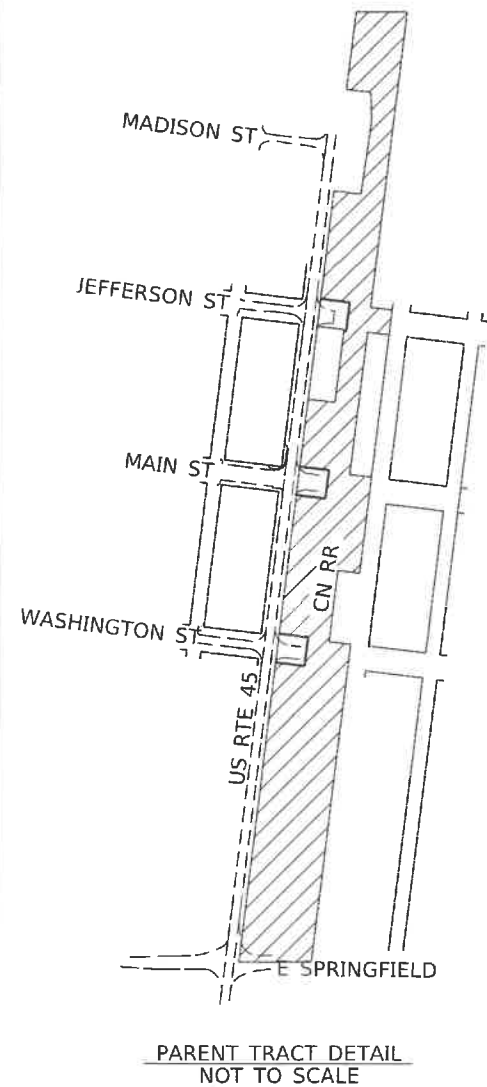
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5021901 PE-1

ILLINOIS CENTRAL RAILROAD COMPANY

AREA OF PARENT TRACT = 9.456 ACRES± \*  
AREA OF PROPOSED PERMANENT EASEMENT NO. 1 = 0.150 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT NO. 2 = 0.148 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT NO. 3 = 0.144 ACRES±  
REMAINDER OF PARENT TRACT = 9.456 ACRES±

\* PARENT TRACT AREA BASED ON DOUGLAS COUNTY PARCEL DEPICTION



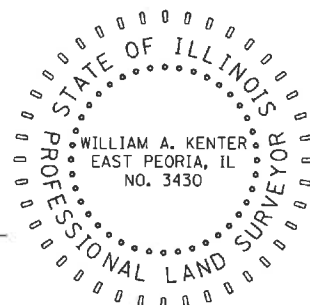
**LEGEND**

○	FOUND PIPE OR PIN
△	FOUND NAIL
⊠	EXISTING R.O.W. MARKER FOUND
—	PROPERTY DEED LINE
- - -	SECTION LINE
N 90°00'00" E 100.00'	MEASURED MEASUREMENTS
(N 90°00'00" E 100.00')	RECORDED MEASUREMENTS
	PROPOSED PERMANENT EASEMENT LINE
---	EXISTING R.O.W. LINE

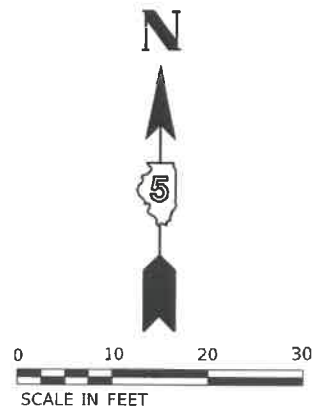
POINT	WASHINGTON STA & O/S	
#1	15+25.16	41.02' LT
#2	16+06.12	41.02' LT
#3	16+05.94	40.01' RT
#4	15+25.16	40.01' RT

THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

*William A. Kenter* 8/12/19  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20



BEARINGS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83 (2011). THIS DRAWING IS IN GRID COORDINATES, GRID FACTOR IS 0.99994890.



\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)



USER NAME = BKenter	DESIGNED - WJK	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - EPF	REVISED -
PLOT DATE = 8/8/2019	CHECKED - WAK	REVISED -
	DATE - 04/10/2019	REVISED -

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RIGHT-OF-WAY PLAT

ROUTE * SEC 4 SCALE: 1"=20'	SECTION (121)RS-7,SW T 14N, R 8E OF 3 P.M. SHEET NO. 1 OF 3 SHEETS	COUNTY DOUGLAS PROJECT# D-95-091-07 STA 732+00 TO STA 734+00	JOB# R-95-002-019 SHT 103 OF 148 CONTRACT NO. 70710
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MODEL #MODELNAME  
FILE NAME: S:\2019\181181004\_Various Phase 1\DOT\_D5-BFW\_PTB\_186-0105\Survey\Work\_Order\_T\Drawings\Sheets\5021901-1-ICRR.dgn



TC 15-2019DS-472.0  
DEED REFERENCE - DEED RECORD 72, PAGE 349

POINT	MAIN STA & O/S	
#5	20+25.00	39.46' LT
#6	21+06.18	39.97' LT
#7	21+06.18	39.79' RT
#8	20+25.19	39.97' RT



**LEGEND**

O	FOUND PIPE OR PIN
Δ	FOUND NAIL
⊠	EXISTING R.O.W. MARKER FOUND
—	PROPERTY DEED LINE
- - -	SECTION LINE
—	MEASURED MEASUREMENTS
—	RECORDED MEASUREMENTS
▨	PROPOSED PERMANENT EASEMENT LINE
▨	EXISTING R.O.W. LINE

FND NAIL  
NW CORNER PARCEL  
PER DOC # 266138  
742+24.26  
25.00' RT  
POC 5021901 PE-2

F.A.S. 1671 (US RTE 45)  
SURVEY LINE

PIN W/ DISK  
738+24.23  
25.37' LT  
0.03'S 0.38'W

ORIGINAL TOWN OF OKAW  
PLAT BOOK 1, PAGE 17

5021901 PE-2

ILLINOIS CENTRAL RAILROAD COMPANY

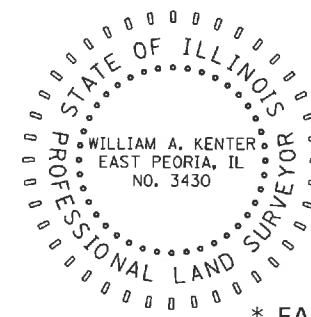
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AREA OF PROPOSED PERMANENT EASEMENT NO. 1 = 0.150 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT NO. 2 = 0.148 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT NO. 3 = 0.144 ACRES±  
REMAINDER OF PARENT TRACT = 9.456 ACRES±

\* PARENT TRACT AREA BASED ON DOUGLAS COUNTY PARCEL DEPICTION

THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

*William A. Kenter* 8/12/19  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20

FIELD WORK COMPLETED 03/20/2019



ORIGINAL TOWN OF OKAW  
PLAT BOOK 1, PAGE 17

BEARINGS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83 (2011). THIS DRAWING IS IN GRID COORDINATES, GRID FACTOR IS 0.99994890.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

PARENT TRACT DETAIL  
NOT TO SCALE

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
RIGHT-OF-WAY PLAT**

ROUTE *	SECTION (121)RS-7,SW	COUNTY DOUGLAS	JOB# R-95-002-019
SEC 4	T 14N, R 8E OF 3 P.M.	PROJECT# D-95-091-07	SHT 104 OF 148
SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA 737+00 TO STA 739+00	CONTRACT NO. 70710

MODEL: \$MODELNAME\$ FILE: \$FILE\$ 3/20/2019 10:04:00 Various Phase 1:1 DDT 05:56W 118-01010 Survey/Work Order: 73DrawingsSheet0570710 - 5021901-2-ICRR.dgn



USER NAME = BKenter	DESIGNED - WJK	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - EPF	REVISED -
PLOT DATE = 8/8/2019	CHECKED - WAK	REVISED -
	DATE - 04/11/2019	REVISED -

5021901 PE-3

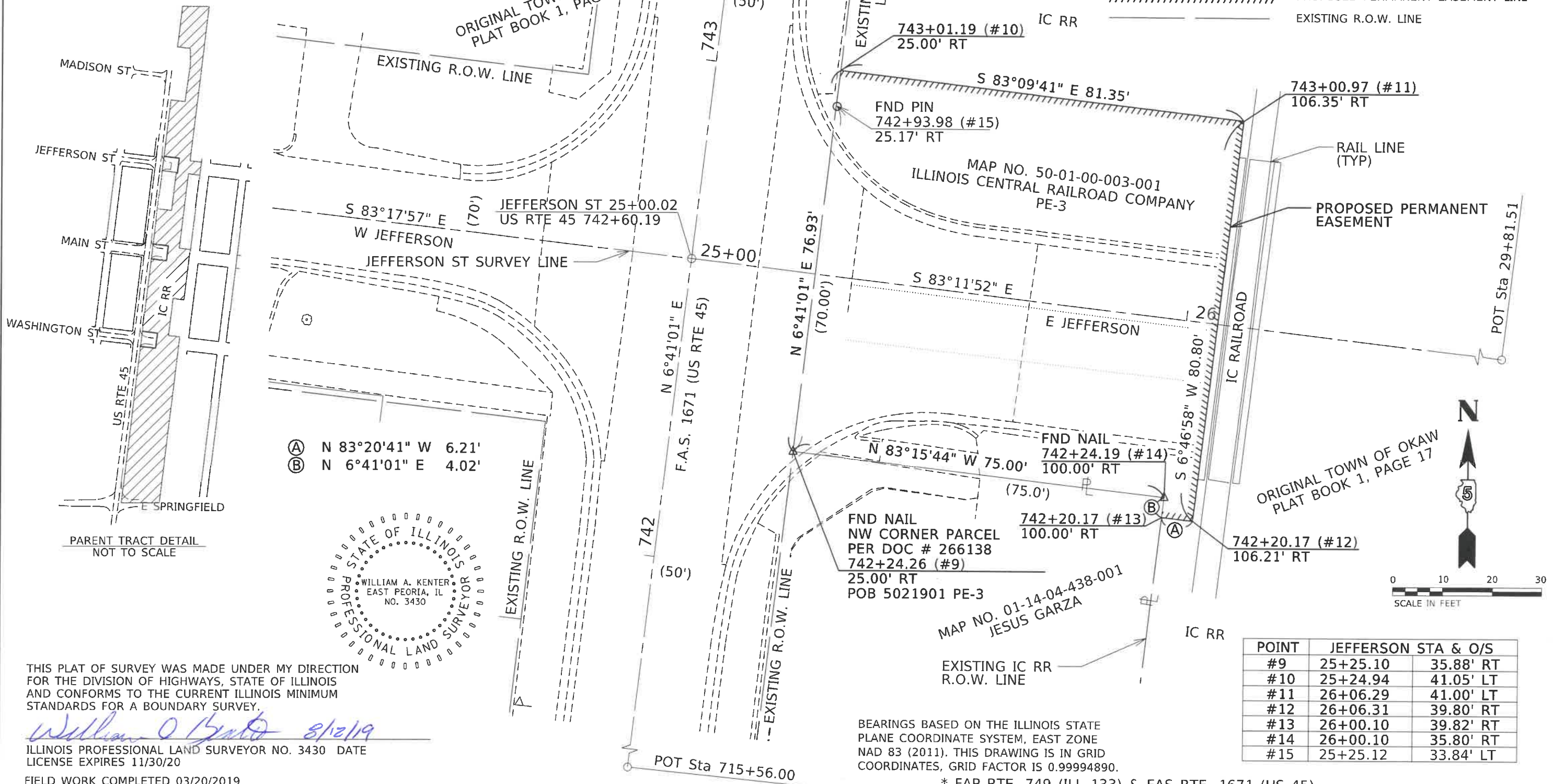
ILLINOIS CENTRAL RAILROAD COMPANY

AREA OF PARENT TRACT = 9.456 ACRES± \*  
AREA OF PROPOSED PERMANENT EASEMENT NO. 1 = 0.150 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT NO. 2 = 0.148 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT NO. 3 = 0.144 ACRES±  
REMAINDER OF PARENT TRACT = 9.456 ACRES±

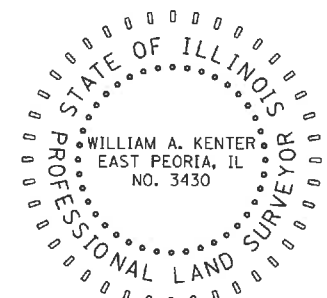
\* PARENT TRACT AREA BASED ON DOUGLAS COUNTY PARCEL DEPICTION

LEGEND

○	FOUND PIPE OR PIN
△	FOUND NAIL
⊠	EXISTING R.O.W. MARKER FOUND
—	PROPERTY DEED LINE
- - -	SECTION LINE
N 90°00'00" E 100.00'	MEASURED MEASUREMENTS
(N 90°00'00" E 100.00')	RECORDED MEASUREMENTS
▨	PROPOSED PERMANENT EASEMENT LINE
—	EXISTING R.O.W. LINE



- (A) N 83°20'41" W 6.21'
- (B) N 6°41'01" E 4.02'



THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

*William A. Kenter* 8/2/19  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20

FIELD WORK COMPLETED 03/20/2019

BEARINGS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83 (2011). THIS DRAWING IS IN GRID COORDINATES, GRID FACTOR IS 0.99994890.

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

POINT	JEFFERSON STA & O/S
#9	25+25.10 35.88' RT
#10	25+24.94 41.05' LT
#11	26+06.29 41.00' LT
#12	26+06.31 39.80' RT
#13	26+00.10 39.82' RT
#14	26+00.10 35.80' RT
#15	25+25.12 33.84' LT

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RIGHT-OF-WAY PLAT

ROUTE *	SECTION (121)RS-7,SW	COUNTY DOUGLAS	JOB# R-95-002-019
SEC 4	T 14N, R 8E OF 3 P.M.	PROJECT# D-95-091-07	SHT 105 OF 148
SCALE: 1"=20'	SHEET NO. 3 OF 3 SHEETS	STA 742+00 TO STA 744+00	CONTRACT NO. 70710

MODEL: S:\MODELS\NAMES FILE: MODEL: 3/20/2019\1000\_Various Phase JLI DOT DS-BTW PTL 186-0105\Survey\Work Order 710\Drawings\Sheets\DS70710-5021901-3-ICRR.dgn





LEGEND

O	FOUND PIPE OR PIN
Δ	FOUND NAIL
⊠	EXISTING R.O.W. MARKER FOUND
—	PROPERTY DEED LINE
- - -	SECTION LINE
N 90°00'00" E 100.00'	MEASURED MEASUREMENTS
(N 90°00'00" E 100.00')	RECORDED MEASUREMENTS
	PROPOSED PERMANENT EASEMENT LINE
---	EXISTING R.O.W. LINE

POINT	JEFFERSON STA & O/S
#1	25+25.10 35.88' RT
#2	26+00.10 35.80' RT
#3	26+00.10 39.82' RT
#4	25+25.10 40.01' RT
#5	25+25.52 240.88' RT
#6	26+00.52 240.80' RT

5021902 PE  
JESUS GARZA

AREA OF PARENT TRACT = 0.353 ACRES±  
AREA OF PROPOSED PERMANENT EASEMENT = 0.007 ACRES±  
REMAINDER OF PARENT TRACT = 0.353 ACRES±



THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

*William A. Kenter* 8/12/19  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20

FIELD WORK COMPLETED 03/20/2019

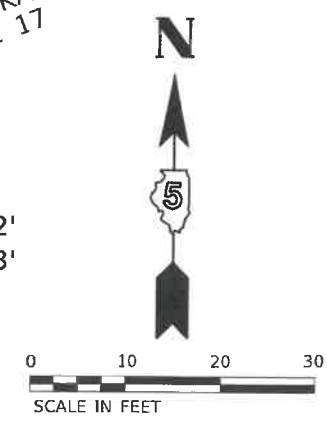


USER NAME = BKenter	DESIGNED - WJK	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - EPF	REVISED -
PLOT DATE = 8/8/2019	CHECKED - WAK	REVISED -
	DATE - 04/11/2019	REVISED -

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RIGHT-OF-WAY PLAT

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

ROUTE *	SECTION (121)RS-7,SW	COUNTY DOUGLAS	JOB# R-95-002-019
SEC 4	T 14N, R 8E OF 3 P.M.	PROJECT# D-95-091-07	SHT 106 OF 148
SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEETS	STA 742+00 TO STA 744+00	CONTRACT NO. 70710



Ⓐ S 6°41'01" W 4.02'  
Ⓑ N 6°41'01" E 4.13'

BEARINGS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83 (2011). THIS DRAWING IS IN GRID COORDINATES, GRID FACTOR IS 0.99994890.

MODEL: \$MODEL\$  
FILE NAME: S:\2019\181\B1004\_Various Phase Ill DOT DS-BPW PTB 186-010\Survey\Work Order 7\Drawings\Sheets\DS70710\_5021902-Grta.dgn

TC 15-2019DS-473.0  
DEED REFERENCE - DOC # 397194

- (A) FEE, N 53°52'22" E 6.94'
- TE, S 53°52'22" W 6.94'
- (B) S 6°41'01" W 4.72'
- (C) N 83°15'44" W 5.09'
- (D) N 7°00'07" E 15.83'
- (E) S 83°18'59" E 5.00'
- (F) S 6°41'01" W 11.11'

**LEGEND**

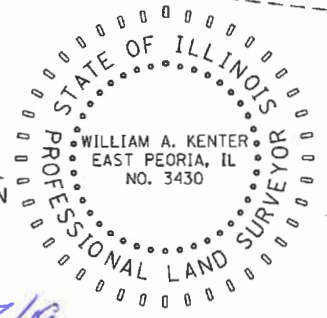
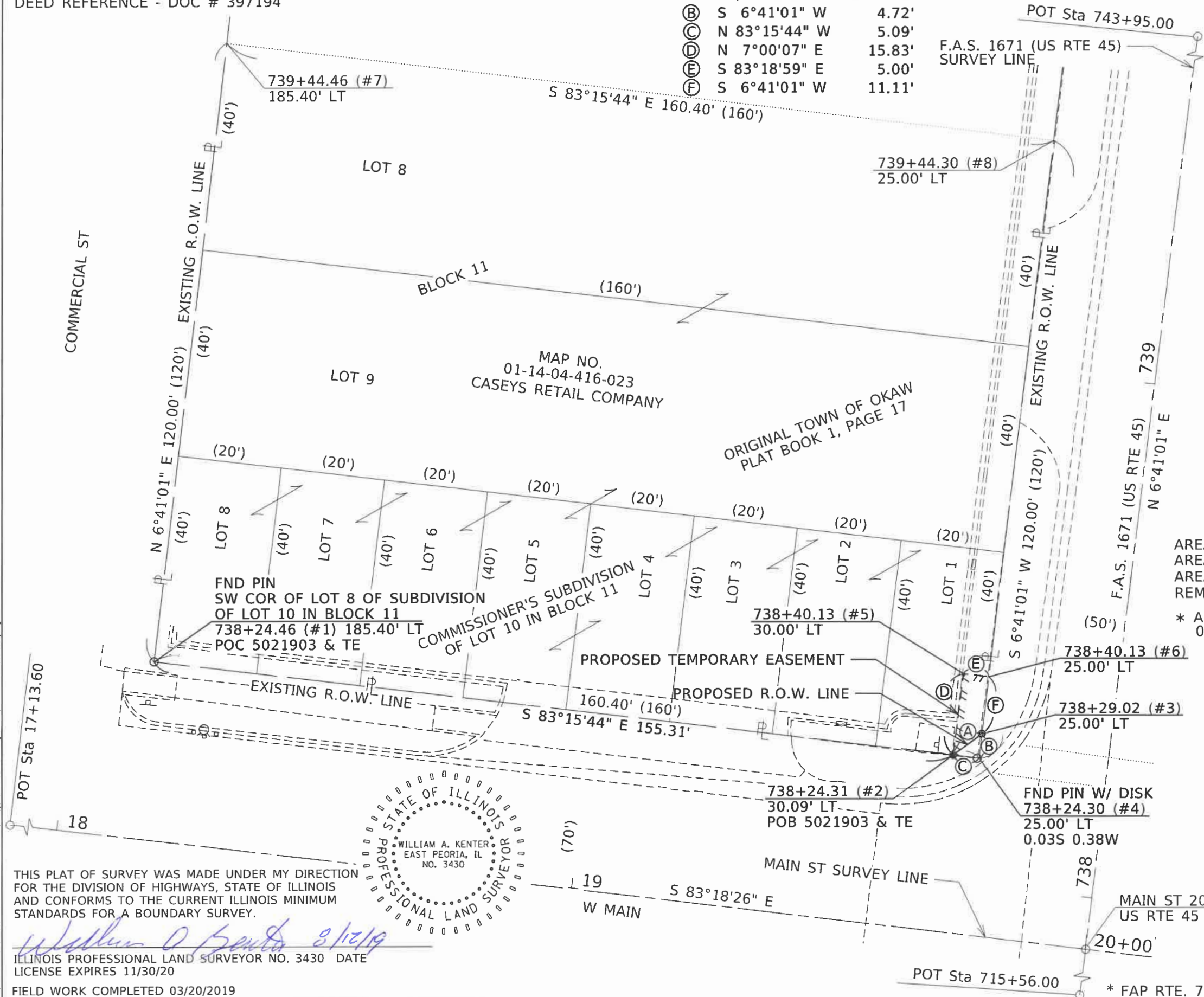
- FOUND PIPE OR PIN
- SET IRON PIN W/CAP
- ⊗ EXISTING R.O.W. MARKER FOUND
- PROPERTY DEED LINE
- ⋯ PREVIOUS PROPERTY LINE
- - - SECTION LINE
- N 90°00'00" E 100.00' MEASURED MEASUREMENTS
- (N 90°00'00" E 100.00') RECORDED MEASUREMENTS
- ||||| PROPOSED TEMPORARY EASEMENT LINE
- - - PROPOSED R.O.W. LINE
- EXISTING R.O.W. LINE
- ↔ SAME OWNERSHIP

POINT	MAIN STA & O/S	
#1	18+14.68	34.44' LT
#2	19+70.00	34.32' LT
#3	19+75.09	39.03' LT
#4	19+75.09	34.32' LT
#5	19+70.08	50.15' LT
#6	19+75.08	50.15' LT
#7	18+14.66	154.44' LT
#8	19+75.07	154.32' LT

**5021903**  
**CASEYS RETAIL COMPANY**

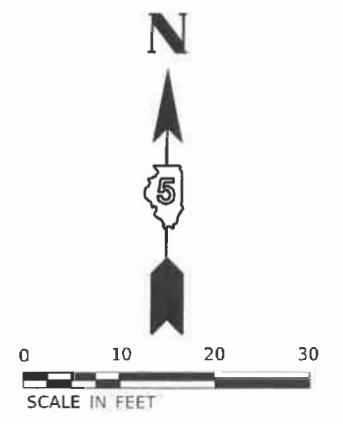
AREA OF PARENT TRACT = 19,200 SQ FT±\*  
 AREA OF PROPOSED FEE = 12 SQ FT±  
 AREA OF PROPOSED TEMPORARY EASEMENT = 68 SQ FT±  
 REMAINDER OF PARENT TRACT = 19,188 SQ FT±

\* AREA OF PARENT TRACT BASED ON PARCEL  
01-14-04-416-023



THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

*William A. Kenter* 2/12/19  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20  
 FIELD WORK COMPLETED 03/20/2019



BEARINGS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83 (2011). THIS DRAWING IS IN GRID COORDINATES, GRID FACTOR IS 0.99994890.

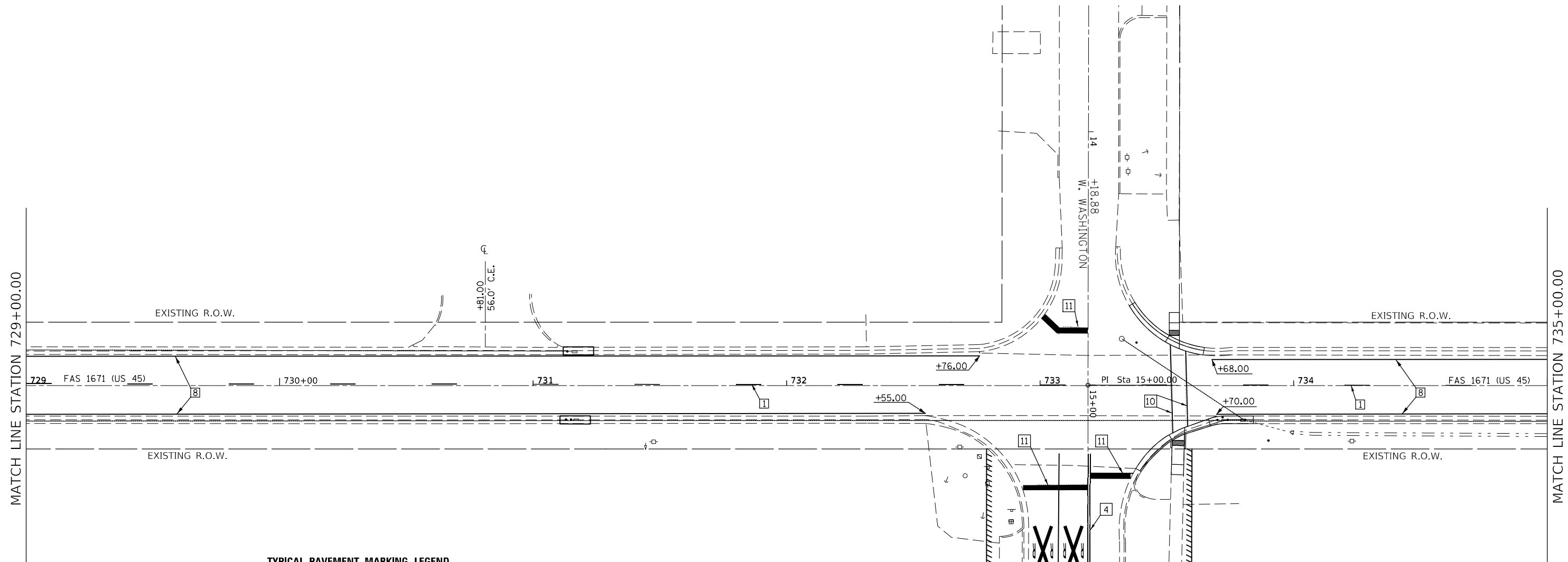
QUIGG ENGINEERING INC	USER NAME = BKenter DESIGNED - WJK DRAWN - EPF CHECKED - WAK PLOT DATE = 8/8/2019	DESIGNED - WJK DRAWN - EPF CHECKED - WAK DATE - 04/24/2019	REVISIONS REVISIONS REVISIONS REVISIONS	<b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b> <b>RIGHT-OF-WAY PLAT</b>	ROUTE * SEC 4 SCALE: 1"=20'	SECTION (121)RS-7,SW T 14N, R 8E OF 3 P.M. SHEET NO. 1 OF 1 SHEETS	COUNTY DOUGLAS JOB# R-95-002-019 PROJECT# D-95-091-07 STA 738+00 TO STA 740+00 CONTRACT NO. 70710
	ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3430 DATE LICENSE EXPIRES 11/30/20				* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)	SHT 107 OF 148	







NOTE:  
SEE SCHEDULE OF QUANTITIES FOR OFFSET AND  
STATION FOR STOP BARS AND R.R. MARKING



**TYPICAL PAVEMENT MARKING LEGEND**

- |   |                  |   |  |
|---|------------------|---|--|
| <ul style="list-style-type: none"> <li>1 4" (100) SKIP-DASH (YELLOW)</li> <li>2 4" (100) SOLID (YELLOW)</li> <li>3 12" (300) DIAGONAL (YELLOW)</li> <li>4 4" (100) DOUBLE YELLOW (NARROW)</li> <li>5 RESERVED</li> <li>6 RESERVED</li> <li>7 4" (100) SKIP-DASH (WHITE)</li> <li>8 4" (100) SOLID (WHITE)</li> <li>9 12" (300) DIAGONAL (WHITE)</li> <li>10 6" (150) SOLID (WHITE)</li> </ul> | <br><br><br><br> | <ul style="list-style-type: none"> <li>11 24" (600) STOP BAR (WHITE)</li> <li>12 8" (200) SOLID (WHITE)</li> <li>13 4" (100) LANE LINE EXTENSIONS (WHITE)</li> <li>14 4" (100) PARKING WHITE</li> </ul> |  |
|---|------------------|---|--|

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 PROJECT: \\PROJECT\NAME  
 OFFICE: \\OFFICE\NAME  
 DATE: 3/16/2020

FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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PLOT SCALE = 40.0000 "/td> <td>DRAWN -</td> <td>REVISED -</td>	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

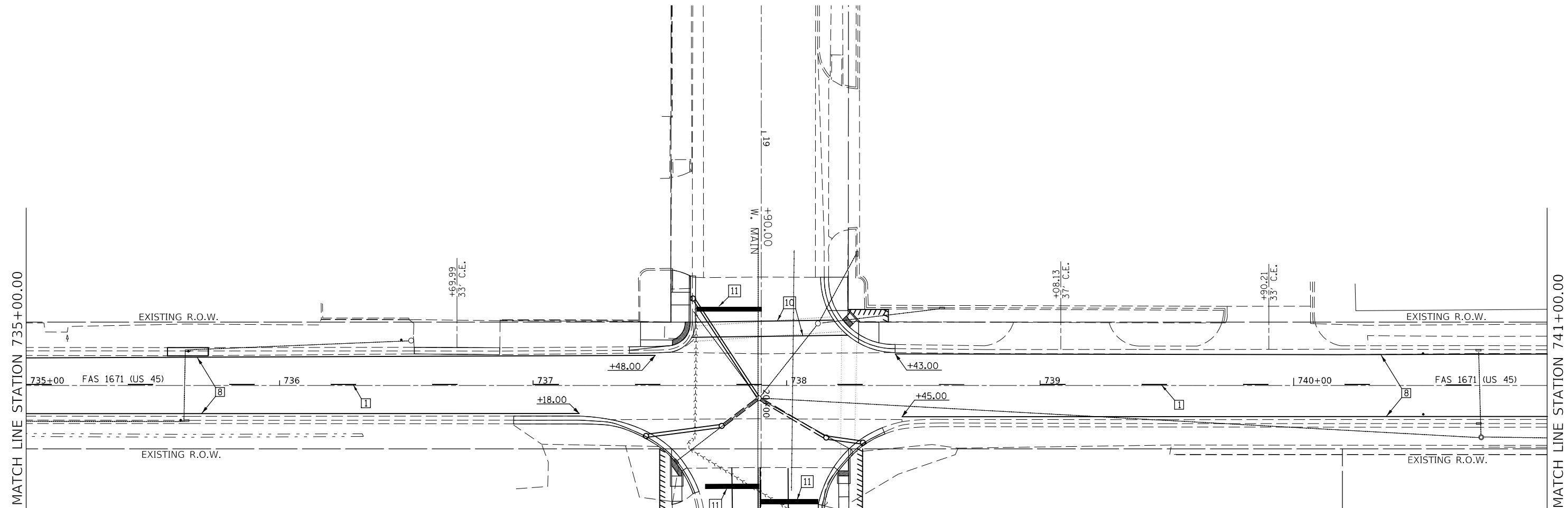
**PAVEMENT MARKING PLAN SHEET  
FAS 1671 (US 45)**

SCALE: SHEET 2 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	109
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

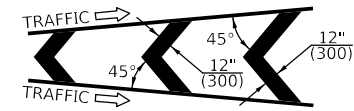
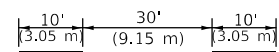
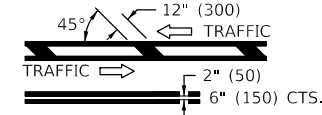
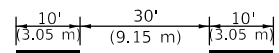


NOTE:  
SEE SCHEDULE OF QUANTITIES FOR OFFSET AND  
STATION FOR STOP BARS AND R.R. MARKING



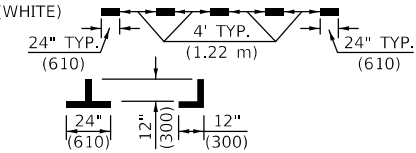
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 24" (600) STOP BAR (WHITE)
- 2 8" (200) SOLID (WHITE)
- 3 4" (100) LANE LINE EXTENSIONS (WHITE)
- 4 4" (100) PARKING WHITE



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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

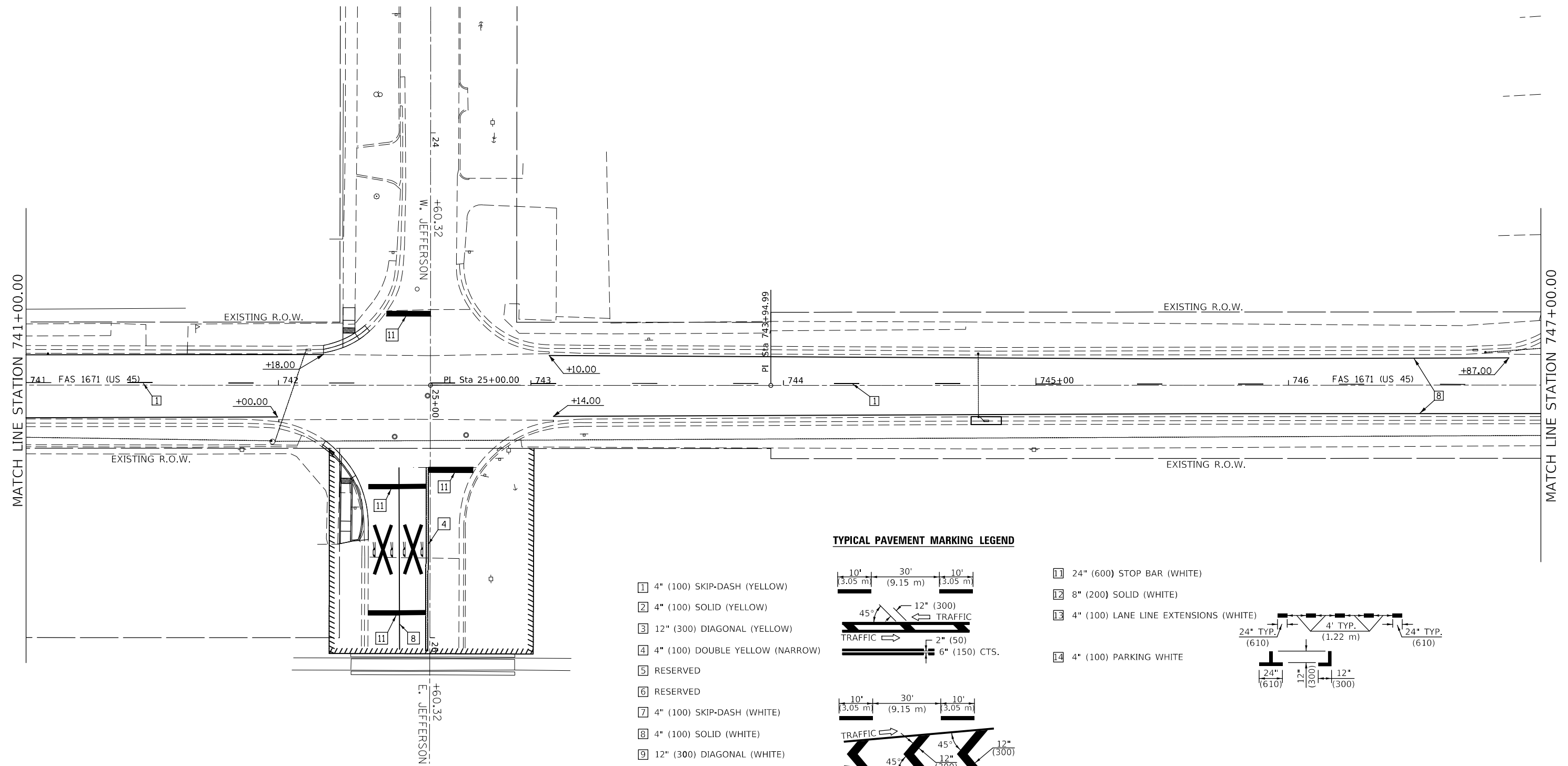
**PAVEMENT MARKING PLAN SHEET  
FAS 1671 (US 45)**

SCALE: SHEET 3 OF 19 SHEETS STA. TO STA.

FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

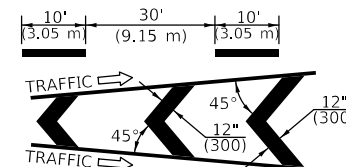
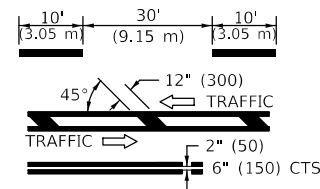
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(121)RS-7,SW	DOUGLAS	148	110
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

NOTE:  
SEE SCHEDULE OF QUANTITIES FOR OFFSET AND  
STATION FOR STOP BARS AND R.R. MARKING

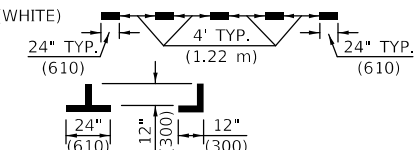


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN SHEET  
FAS 1671 (US 45)

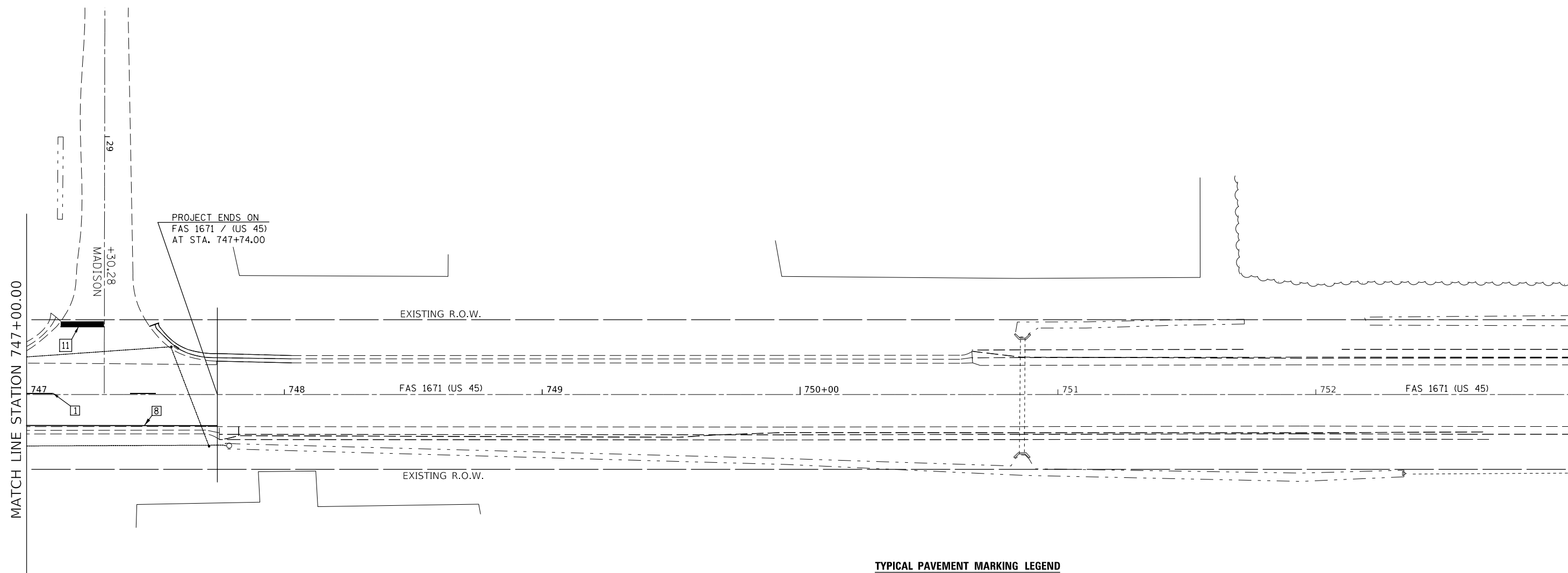
SCALE: SHEET 4 OF 19 SHEETS STA. TO STA.

FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(121)RS-7,SW	DOUGLAS	148	111
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

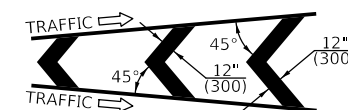
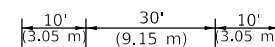
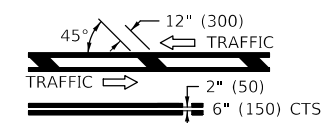
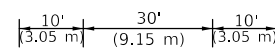
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NOTE:  
SEE SCHEDULE OF QUANTITIES FOR OFFSET AND  
STATION FOR STOP BARS AND R.R. MARKING

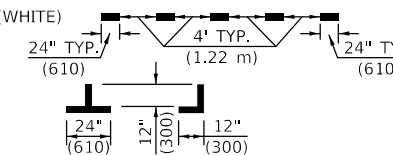


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN SHEET  
FAS 1671 (US 45)

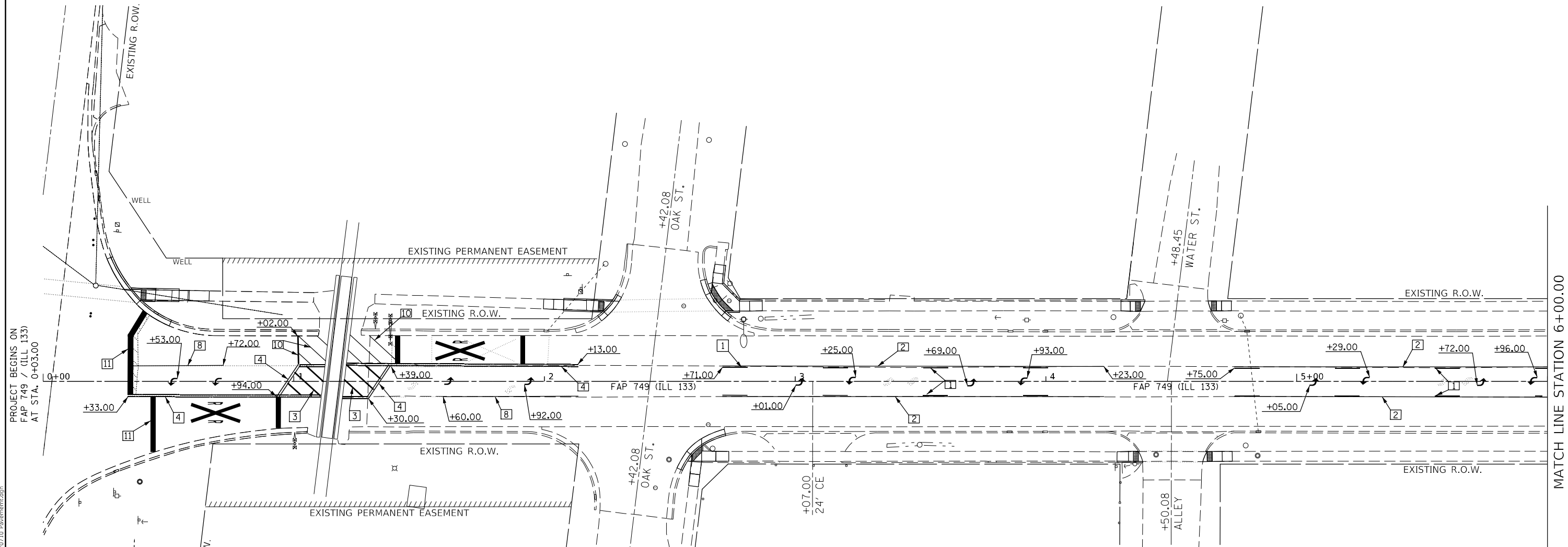
SCALE: SHEET 5 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	112
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

NOTE:  
SEE SCHEDULE OF QUANTITIES FOR OFFSET AND  
STATION FOR STOP BARS AND R.R. MARKING

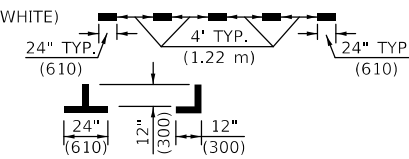


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 RESERVED
  - 6 RESERVED
  - 7 4" (100) SKIP-DASH (WHITE)
  - 8 4" (100) SOLID (WHITE)
  - 9 12" (300) DIAGONAL (WHITE)
  - 10 6" (150) SOLID (WHITE)
- 

**TYPICAL PAVEMENT MARKING LEGEND**

- 1 24" (600) STOP BAR (WHITE)
- 2 8" (200) SOLID (WHITE)
- 3 4" (100) LANE LINE EXTENSIONS (WHITE)
- 4 4" (100) PARKING WHITE



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USER NAME = eaglinga	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

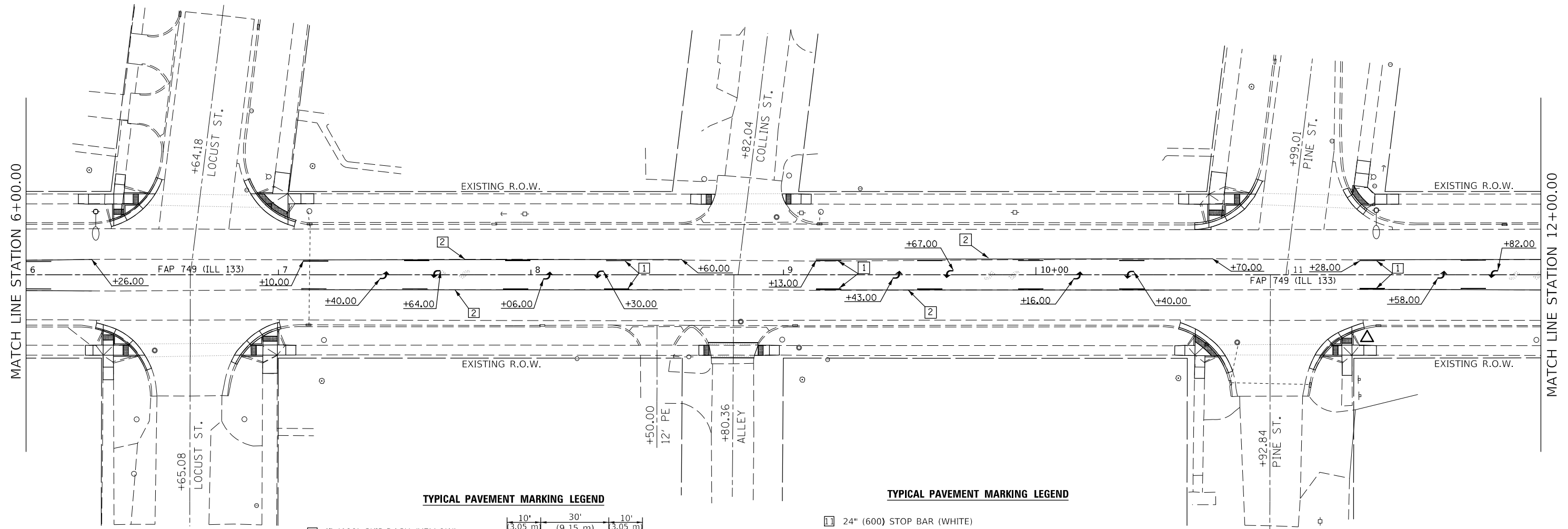
**PAVEMENT MARKING PLAN SHEET  
FAP 749 (ILL 133)**

SCALE: SHEET 6 OF 19 SHEETS STA. TO STA.

FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(121)RS-7,5W	DOUGLAS	148	113
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

MATCH LINE STATION 6+00.00



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 RESERVED
  - 6 RESERVED
  - 7 4" (100) SKIP-DASH (WHITE)
  - 8 4" (100) SOLID (WHITE)
  - 9 12" (300) DIAGONAL (WHITE)
  - 10 6" (150) SOLID (WHITE)
- 
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- 

**TYPICAL PAVEMENT MARKING LEGEND**

- 1 24" (600) STOP BAR (WHITE)
  - 2 8" (200) SOLID (WHITE)
  - 3 4" (100) LANE LINE EXTENSIONS (WHITE)
  - 4 4" (100) PARKING WHITE
- 
- 
- 
- 

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

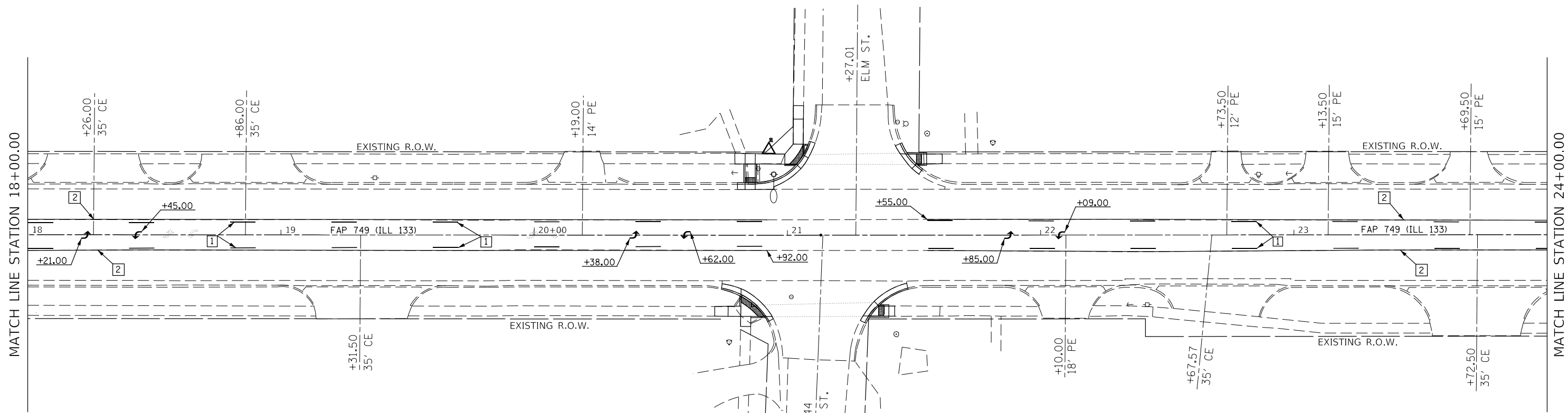
**PAVEMENT MARKING PLAN SHEET  
FAP 749 (ILL 133)**

SCALE: SHEET 7 OF 19 SHEETS STA. TO STA.

FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	114
				CONTRACT NO. 70710
		ILLINOIS	FED. AID PROJECT	





**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 RESERVED
  - 6 RESERVED
  - 7 4" (100) SKIP-DASH (WHITE)
  - 8 4" (100) SOLID (WHITE)
  - 9 12" (300) DIAGONAL (WHITE)
  - 10 6" (150) SOLID (WHITE)
- 
- 
- 
- 
- 

**TYPICAL PAVEMENT MARKING LEGEND**

- 11 24" (600) STOP BAR (WHITE)
  - 12 8" (200) SOLID (WHITE)
  - 13 4" (100) LANE LINE EXTENSIONS (WHITE)
  - 14 4" (100) PARKING WHITE
- 
- 
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- 

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

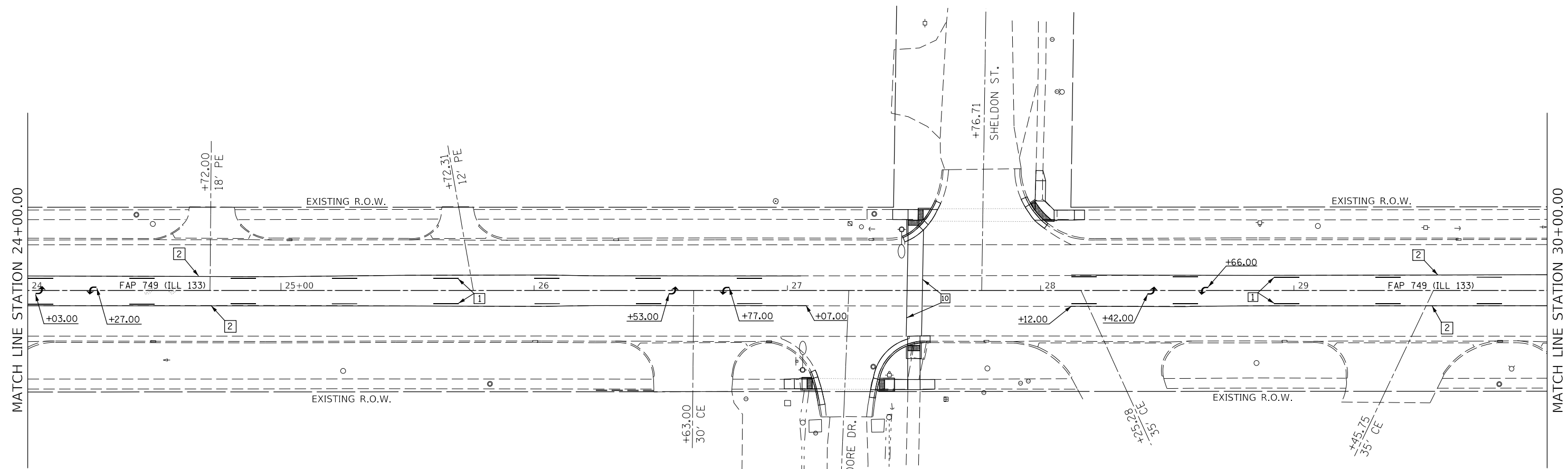
**PAVEMENT MARKING PLAN SHEET  
FAP 749 (ILL 133)**

SCALE: SHEET 9 OF 19 SHEETS STA. TO STA.

• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(121)RS-7,SW	DOUGLAS	148	116
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				





**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 RESERVED
  - 6 RESERVED
  - 7 4" (100) SKIP-DASH (WHITE)
  - 8 4" (100) SOLID (WHITE)
  - 9 12" (300) DIAGONAL (WHITE)
  - 10 6" (150) SOLID (WHITE)
- 

**TYPICAL PAVEMENT MARKING LEGEND**

- 1 24" (600) STOP BAR (WHITE)
  - 2 8" (200) SOLID (WHITE)
  - 3 4" (100) LANE LINE EXTENSIONS (WHITE)
  - 4 4" (100) PARKING WHITE
- 

• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

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 DATE: 3/16/2020

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

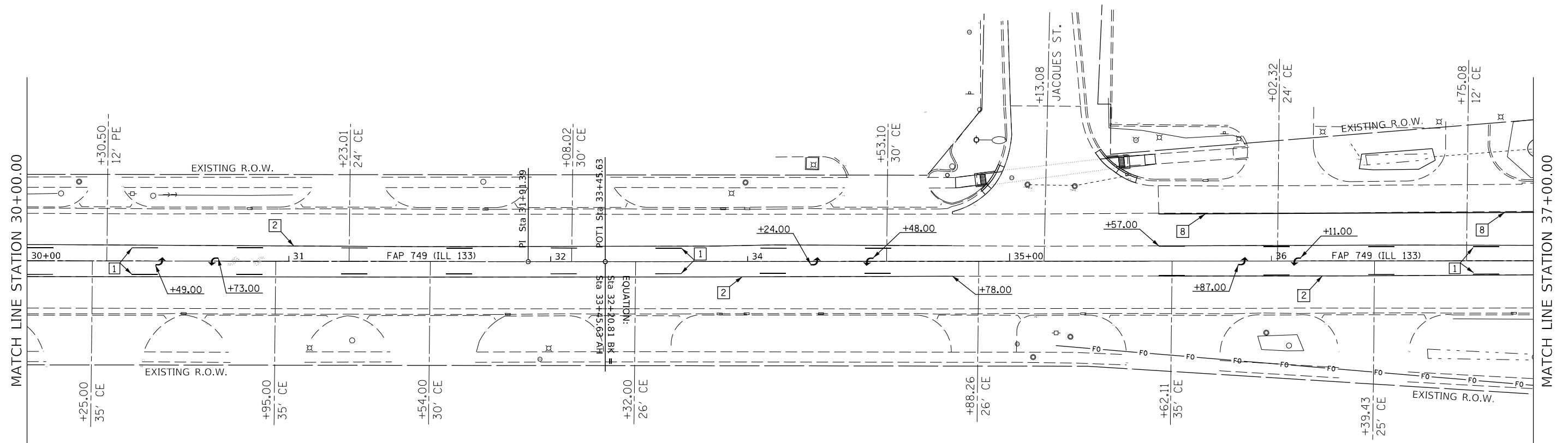
**PAVEMENT MARKING PLAN SHEET  
FAP 749 (ILL 133)**

SCALE: SHEET 10 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	117
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

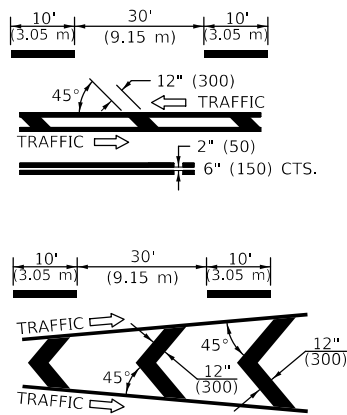


STATION EQUATION:  
 STA. 32+20.81 (BK) =  
 STA. 33+45.63 (AH)

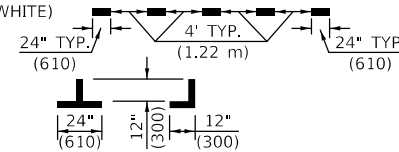


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN SHEET  
 FAP 749 (ILL 133)**

SCALE: SHEET 11 OF 19 SHEETS STA. TO STA.

FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

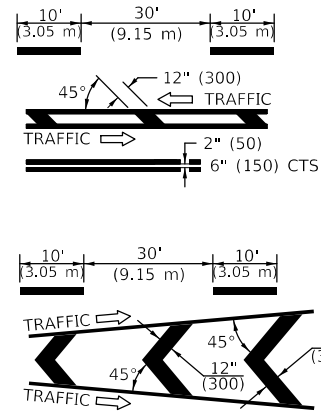
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*	(121)RS-7,5W	DOUGLAS	148	118
			CONTRACT NO. 70710	
		ILLINOIS	FED. AID PROJECT	



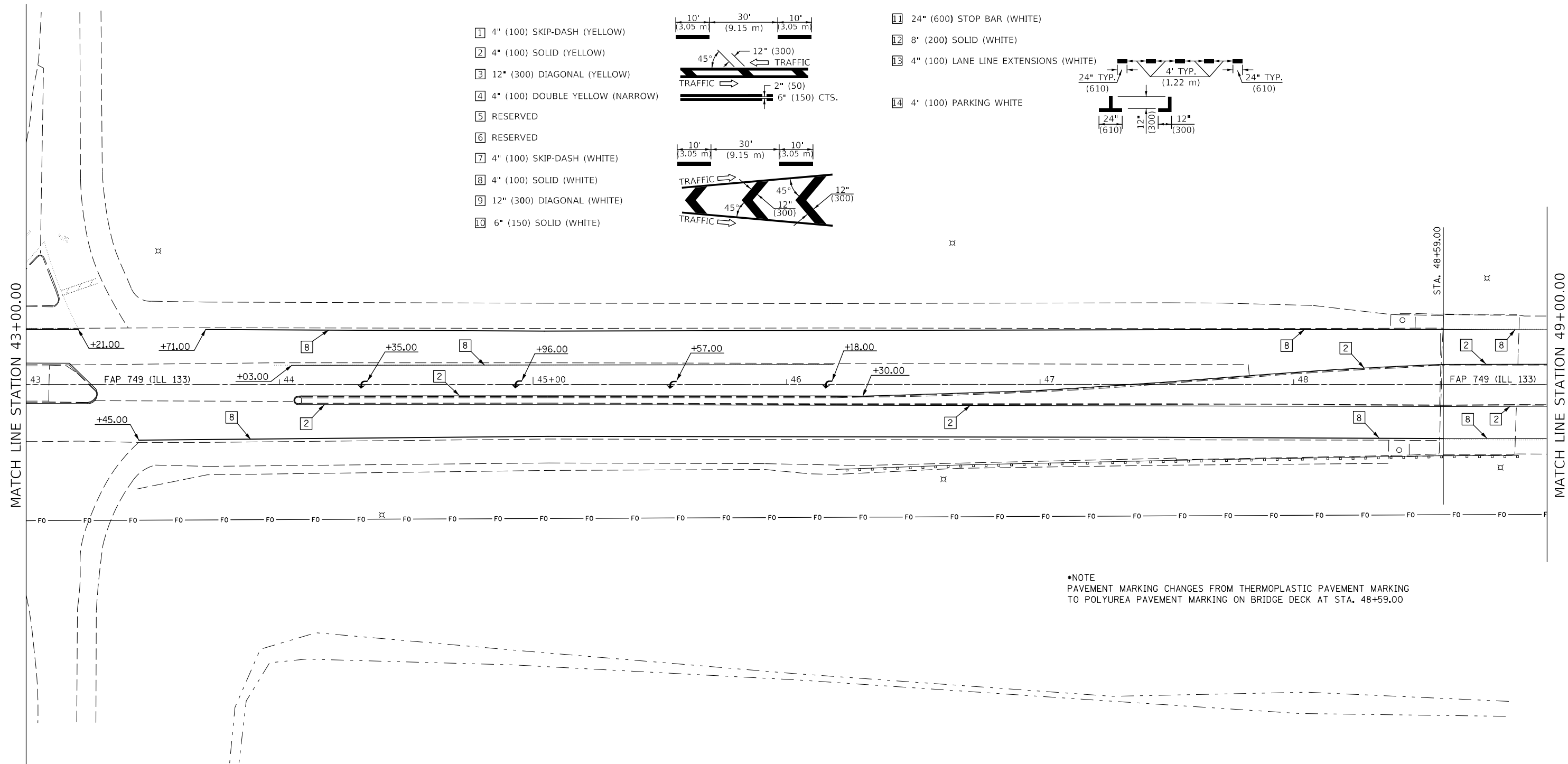
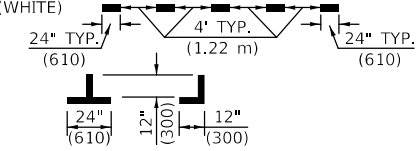


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



\*NOTE  
PAVEMENT MARKING CHANGES FROM THERMOPLASTIC PAVEMENT MARKING  
TO POLYUREA PAVEMENT MARKING ON BRIDGE DECK AT STA. 48+59.00

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	DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

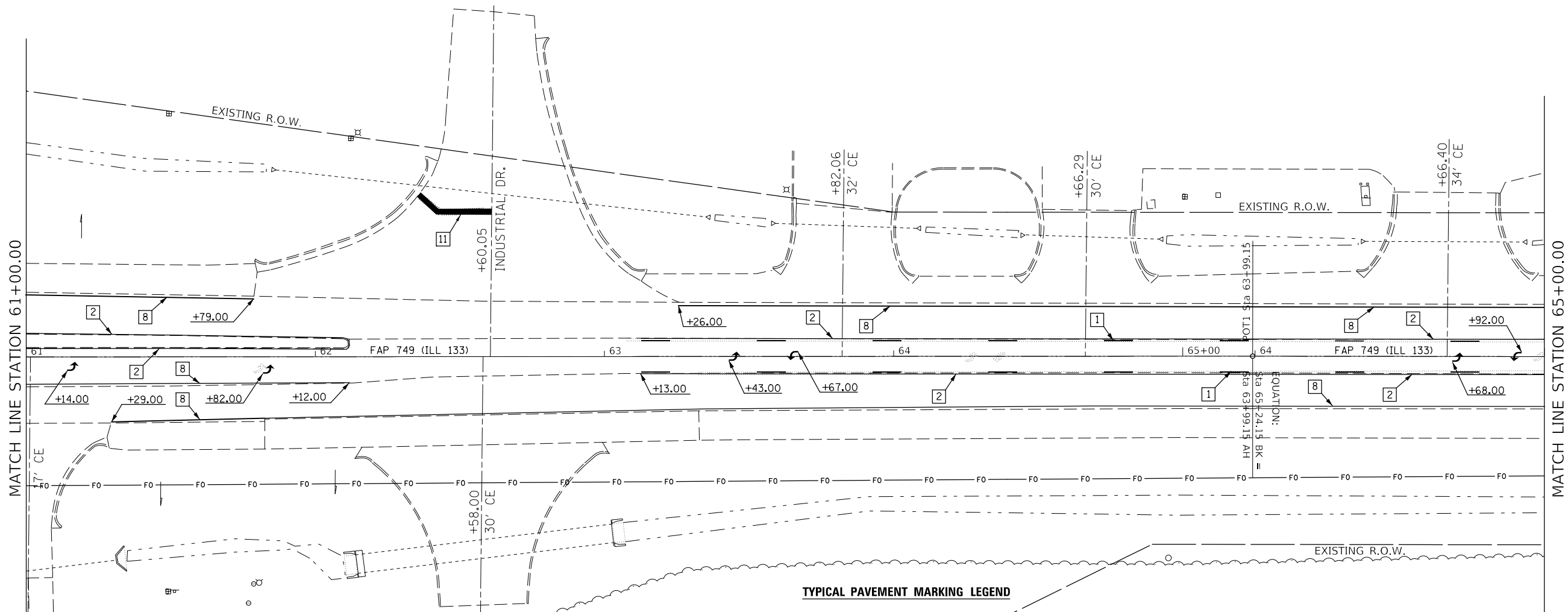
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<b>FAP 749 (ILL 133)</b>			
SCALE:	SHEET 13	OF 19 SHEETS	STA. TO STA.

* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	120
			CONTRACT NO. 70710	
			ILLINOIS FED. AID PROJECT	



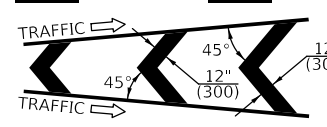
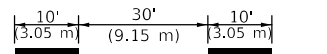
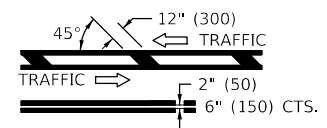
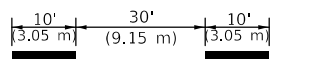


STATION EQUATION:  
 STA. 65+24.15 (BK) =  
 STA. 63+99.15 (AH)

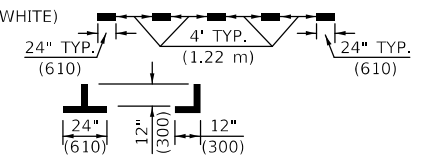


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

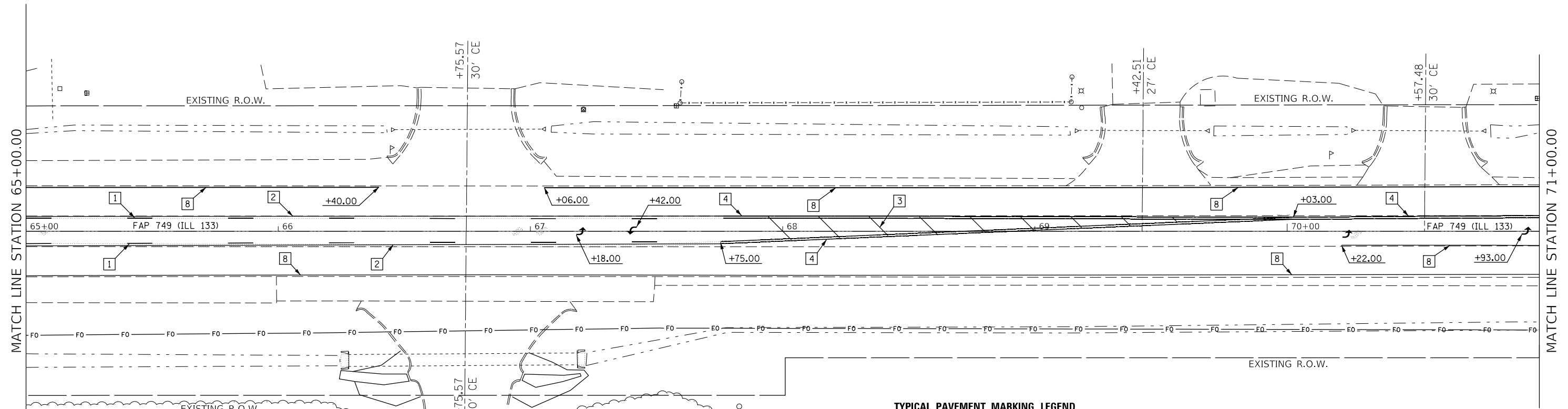
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN SHEET  
 FAP 749 (ILL 133)**

SCALE: SHEET 16 OF 19 SHEETS STA. TO STA.

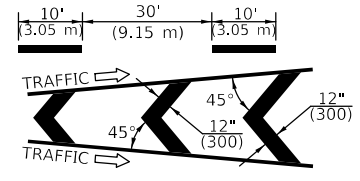
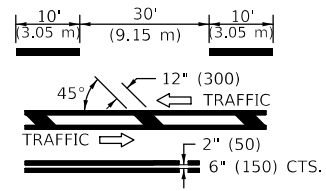
FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.SW	DOUGLAS	148	123
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

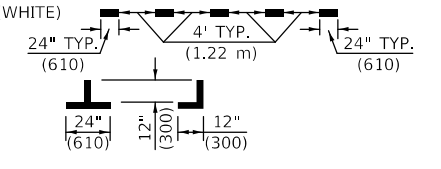


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



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PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

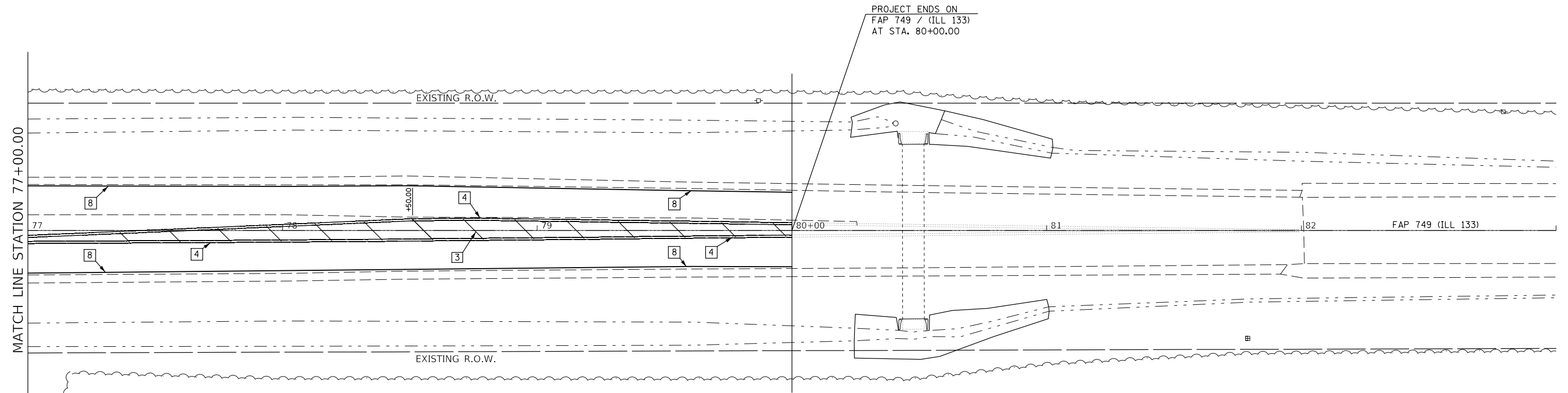
**PAVEMENT MARKING PLAN SHEET**  
**FAP 749 (ILL 133)**

SCALE: SHEET 17 OF 19 SHEETS STA. TO STA.

• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
"	(121)RS-7,5W	DOUGLAS	148
			124
CONTRACT NO. 70710			
ILLINOIS		FED. AID PROJECT	

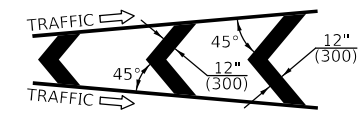
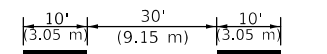
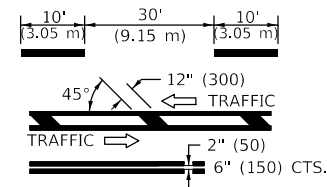




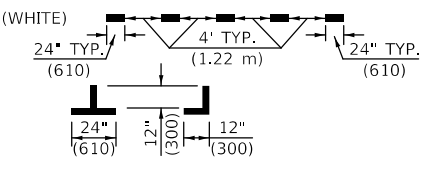


**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)



- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



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USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN SHEET  
FAP 749 (ILL 133)**

SCALE: SHEET 19 OF 19 SHEETS STA. TO STA.

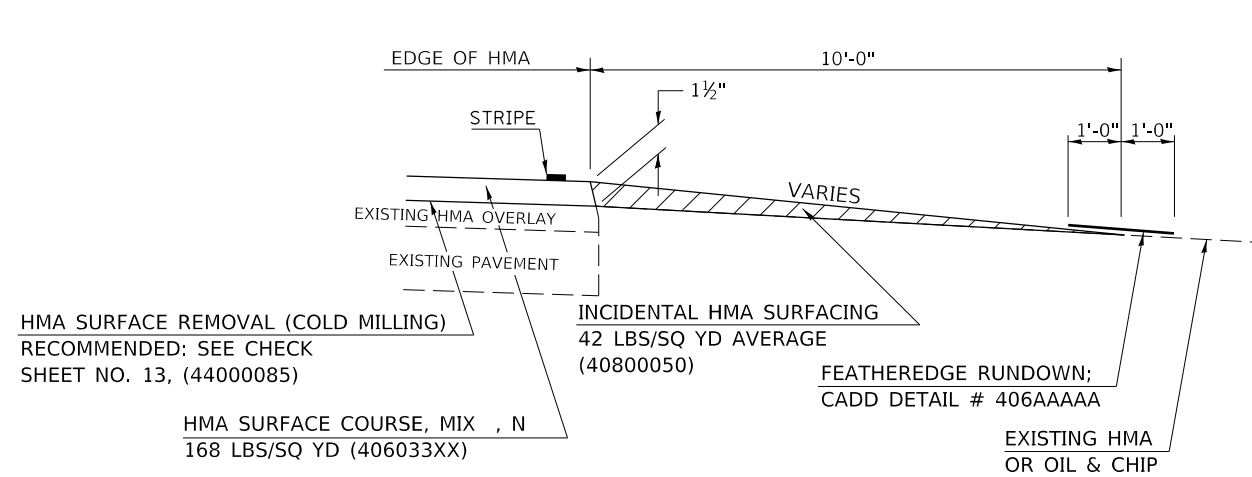
• FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(121)RS-7,SW	DOUGLAS	148	126
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

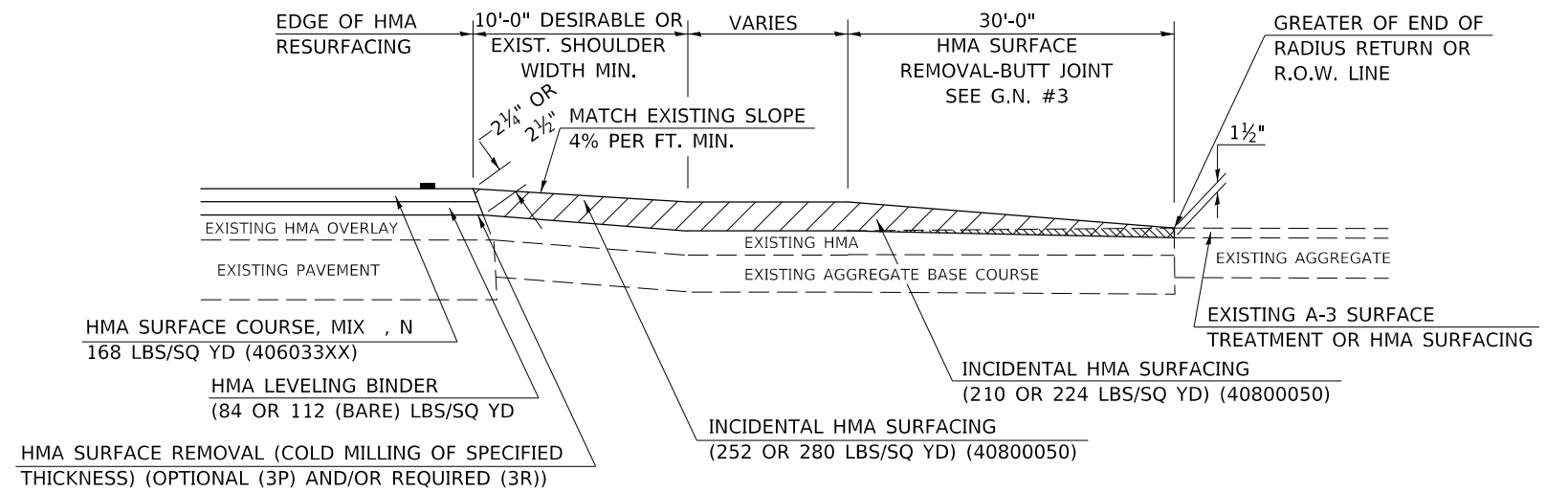
# PROJECTS WITHOUT RECONSTRUCTION

(FOR INFORMATION ONLY)

## S.M.A.R.T. IMPROVEMENTS (ALSO CONTRACT MAINTENANCE)



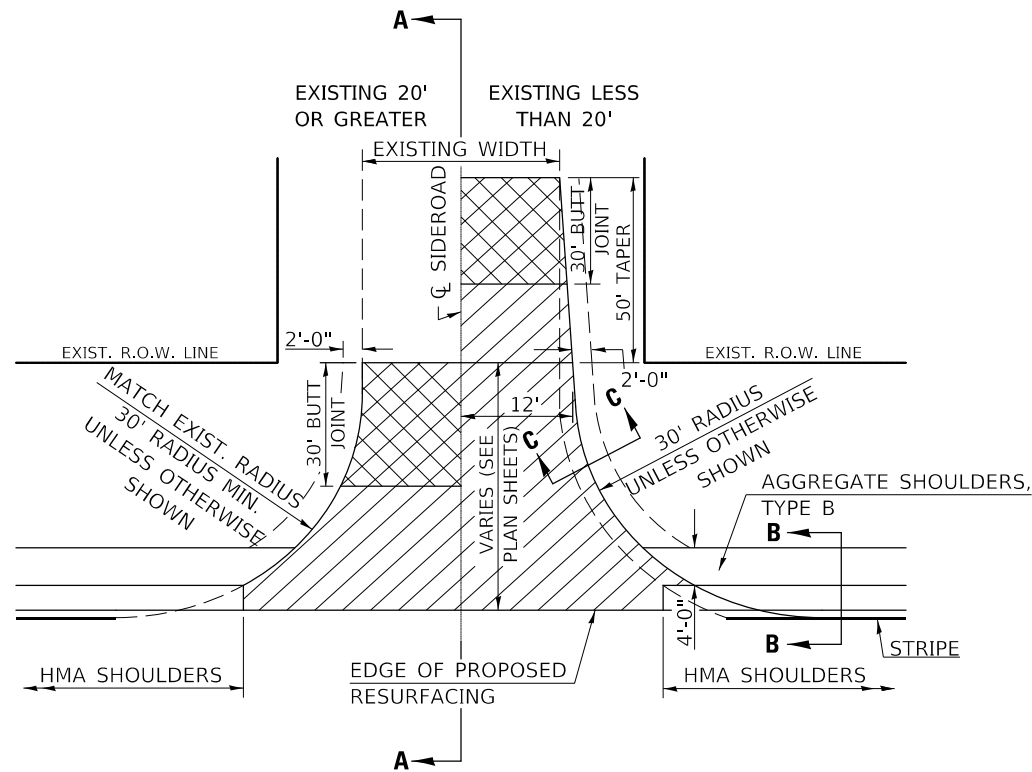
## "3P" OR "3R" IMPROVEMENTS



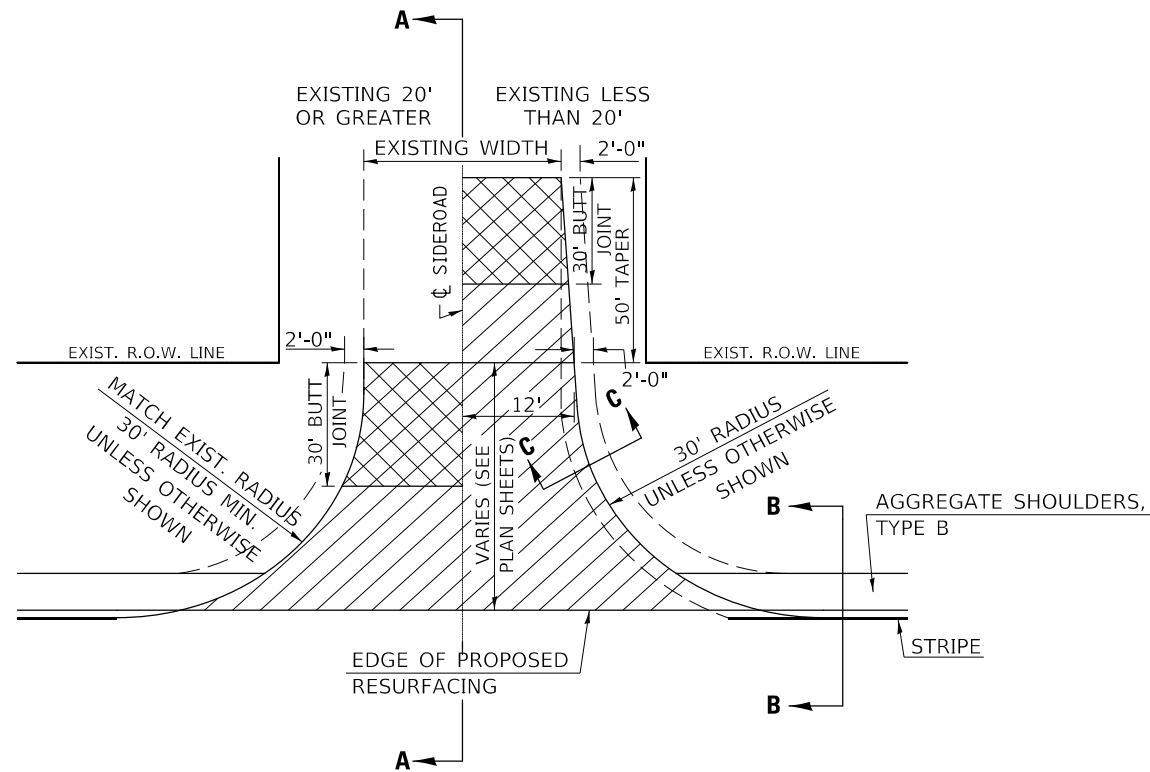
# PROJECTS WITH RECONSTRUCTION

("3R" IMPROVEMENTS)

## WITH HMA SHOULDER



## WITHOUT HMA SHOULDER



## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

### DISTRICT 5 DETAIL NO. 408000AA

USER NAME = eaglinga	DESIGNED -	REVISOR -	12/06 TJB
	DRAWN -	REVISOR -	09/07 KAG
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISOR -	12/09 KJT
PLOT DATE = 3/16/2020	DATE -	REVISOR -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEROAD & SIDESTREETS (RURAL)

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	127
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

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 PROJECT: S:\PROJECTS\05710\CADD\DATA\Design\70710-SPH-CADD\_details





**GENERAL NOTES**

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMORANDUM 104/01 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			FIELD W/FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY						
						14	16	24							
						2 LANE, 2 WAY			2 LANE, 2 WAY						
						24	30	35	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
RADIUS (FT)	15	25	40	30		20	30	50							
SHOULDER WIDTH (FT)	2	2		2		1	3								
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:4	1:6	1:10	1:4	1:6	1:4	1:6	1:10							
<b>SURFACE TYPE</b>															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. 4080050A**

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	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/08 KJT
PLOT DATE = 3/16/2020	DATE -	REVISED - 3/16/17 SWN

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FIELD ENTRANCES (NONCOMMERCIAL RURAL)**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

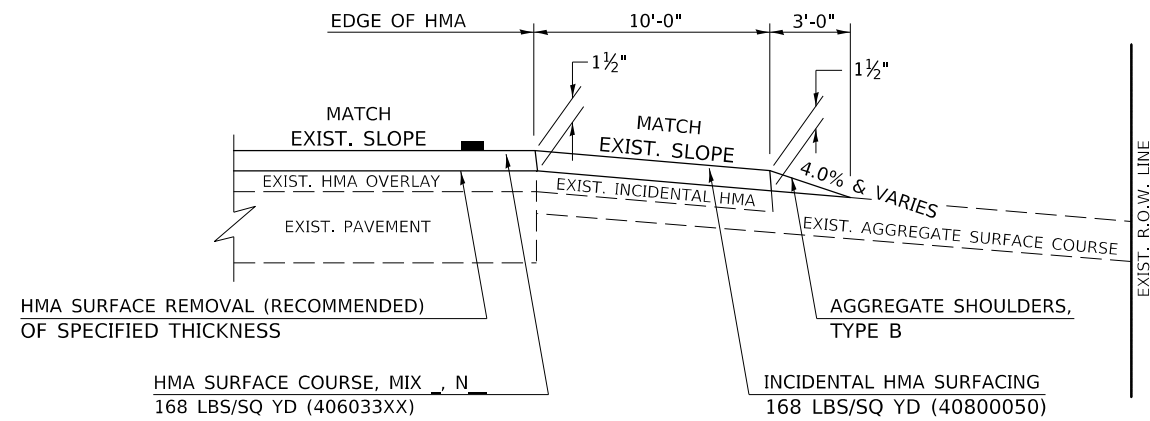
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	130
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



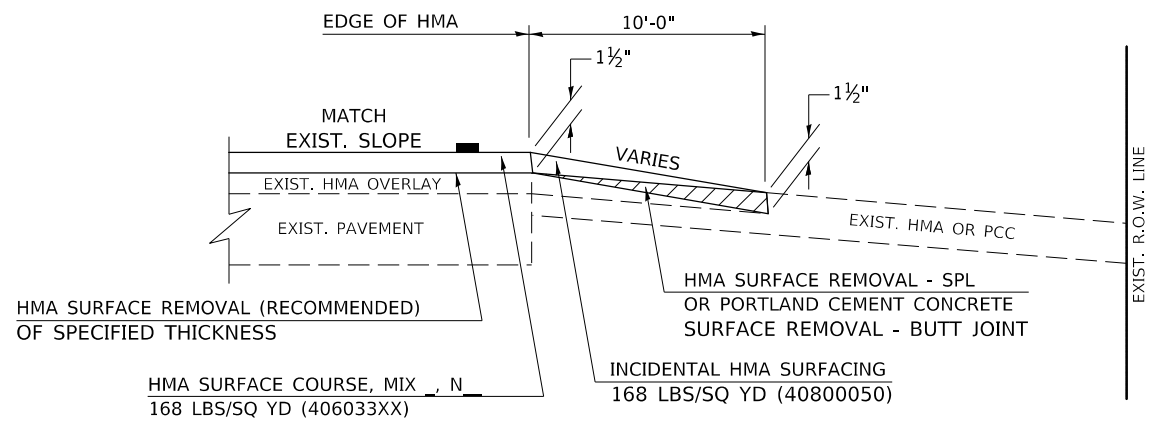
# PROJECTS WITHOUT RECONSTRUCTION

(FOR INFORMATION ONLY)

## S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½")

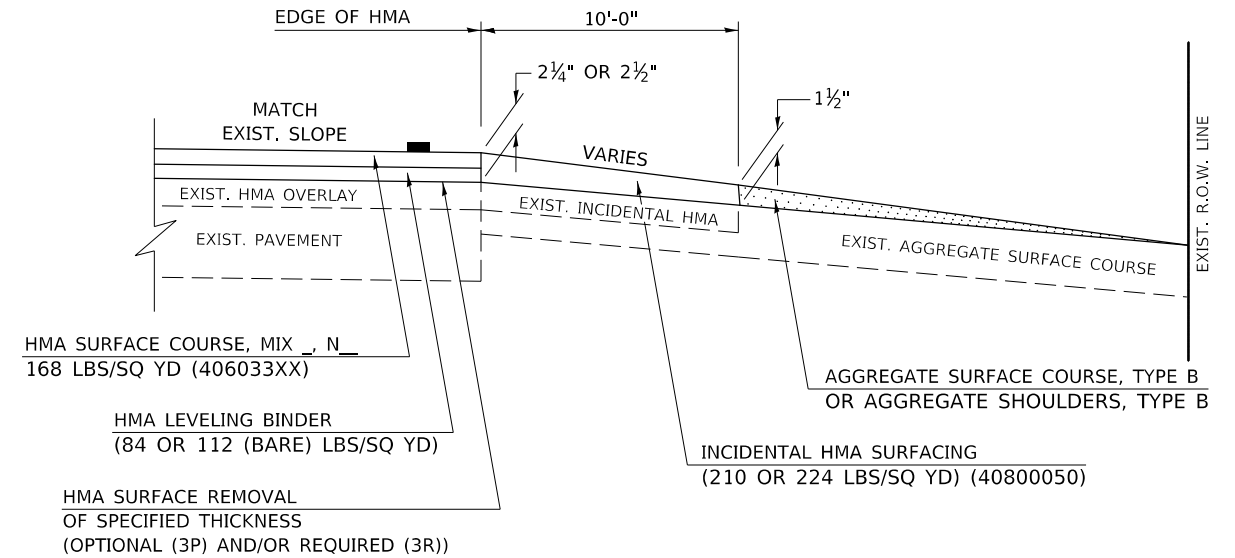


### EXISTING AGGREGATE ENTRANCE

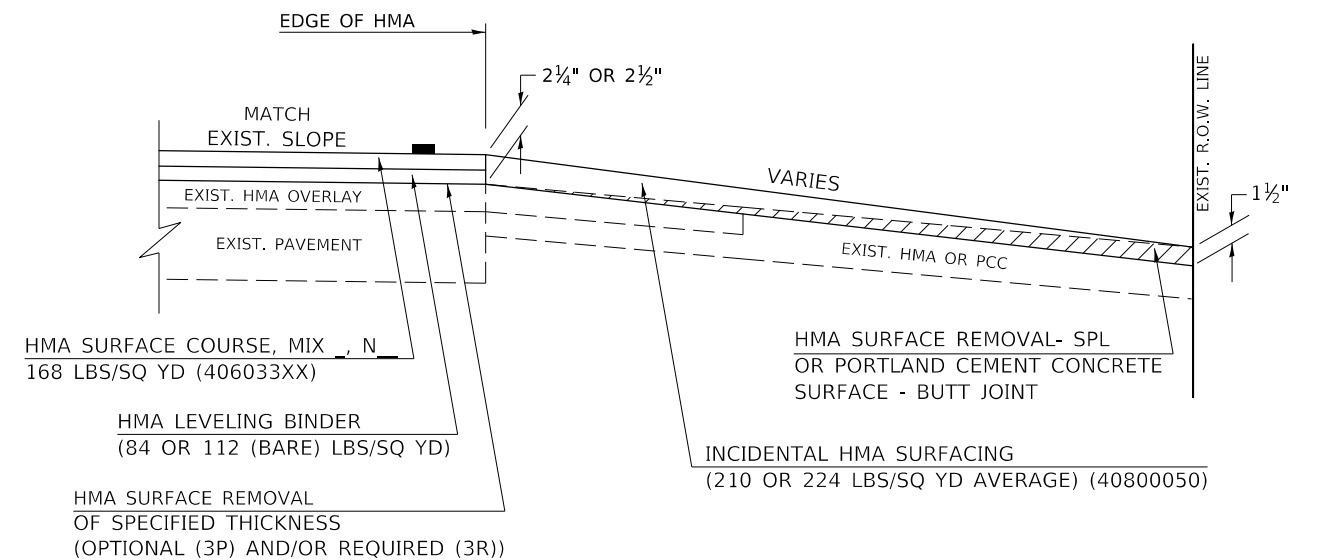


### EXISTING HMA OR PCC ENTRANCE

## "3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



### EXISTING AGGREGATE ENTRANCE



### EXISTING HMA OR PCC ENTRANCE

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

### DISTRICT 5 DETAIL NO. 4080050C

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,5W	DOUGLAS	148	132
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

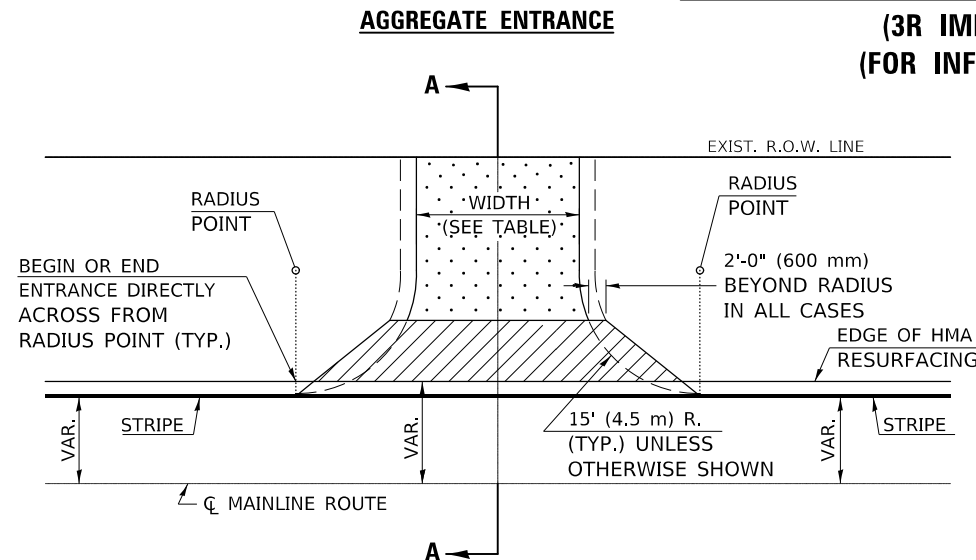
PRIVATE COMMERCIAL ENTRANCES  
(NONCOMMERCIAL AND COMMERCIAL RURAL)

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

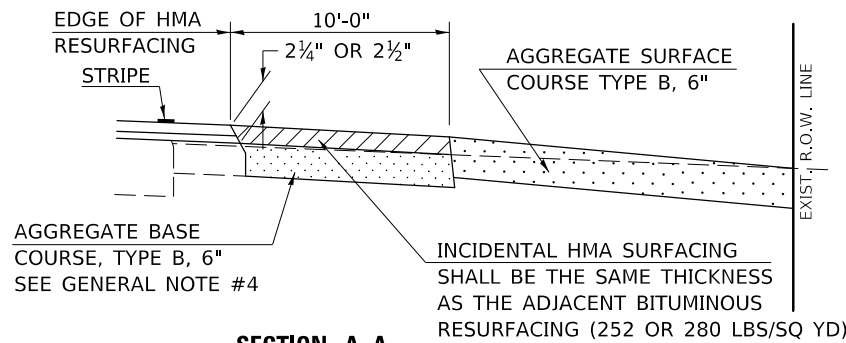
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	DRAWN -	REVISED - 05/08 KJT
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PLOT DATE = 3/16/2020	DATE -	REVISED - 3/6/17 SWN



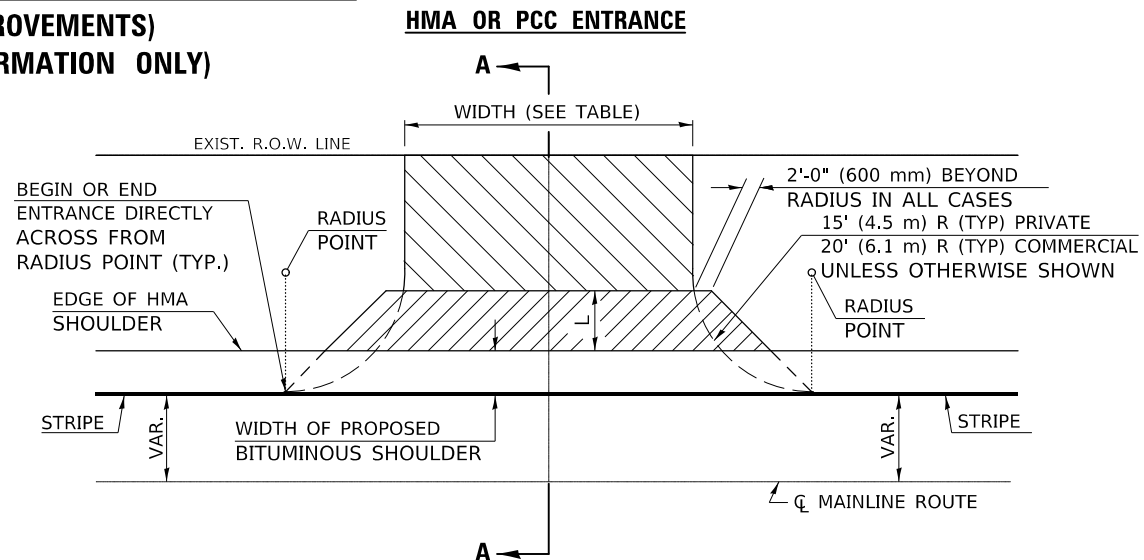
# PROJECTS WITH RECONSTRUCTION



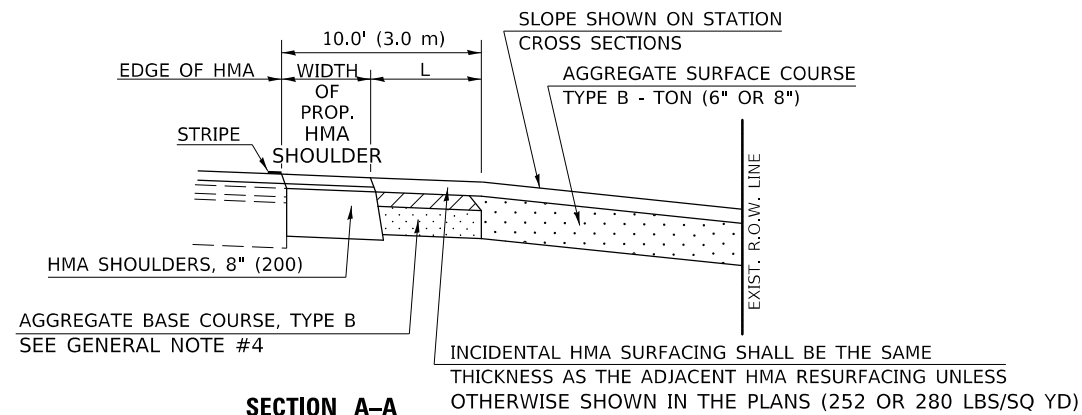
TYPICAL APPLICATION



SECTION A-A



TYPICAL APPLICATION



SECTION A-A "HMA EXAMPLE"

## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".

TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			min.		max.	min.		max.	PRIVATE & FIELD			min.		max.
SURFACE WIDTH (FT)	min.	des.	max.	min.	max.	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY			
	12	16	24	24	30	14	16	24							
RADIUS (FT)						2 LANE, 2 WAY			2 LANE, 2 WAY			2 LANE, 2 WAY			
	15	25	40	30		24	30	35							
SHOULDER WIDTH (FT)	2	2		2		1	3		resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
<b>SURFACE TYPE</b>															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

### DISTRICT 5 DETAIL NO. 4080050C

USER NAME = eaglinga	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 3/16/2020	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PRIVATE COMMERCIAL ENTRANCES  
(NONCOMMERCIAL AND COMMERCIAL RURAL)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	133
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				

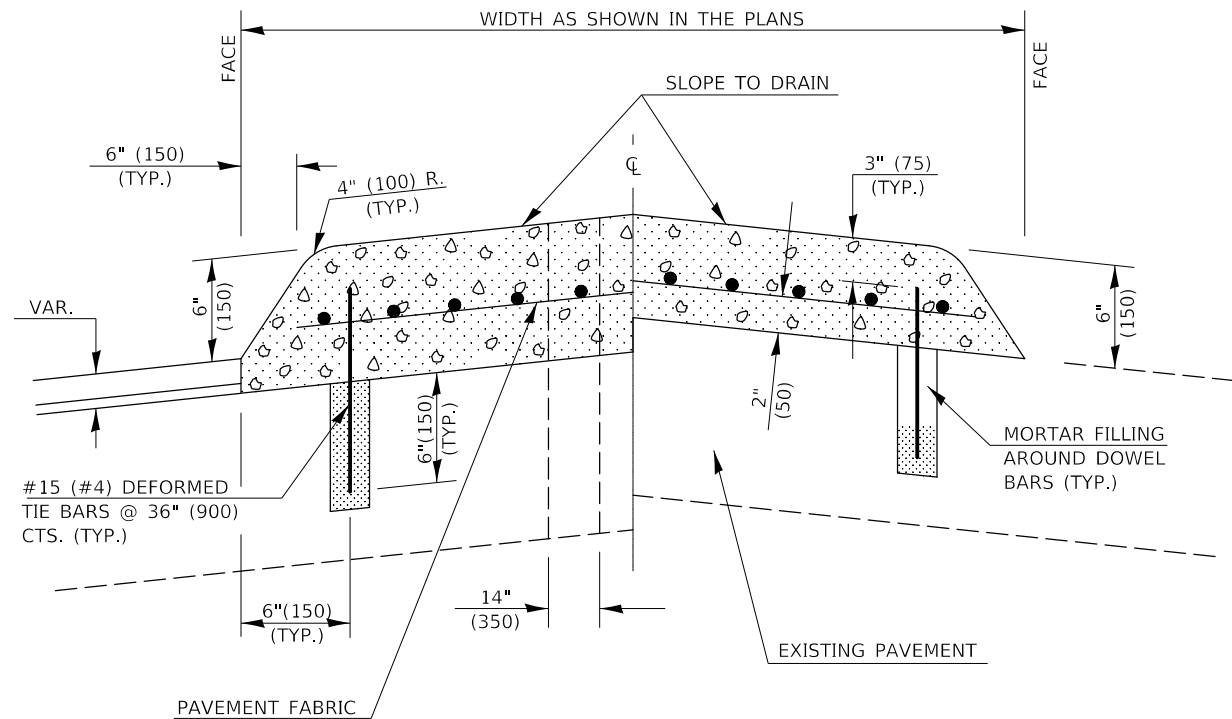




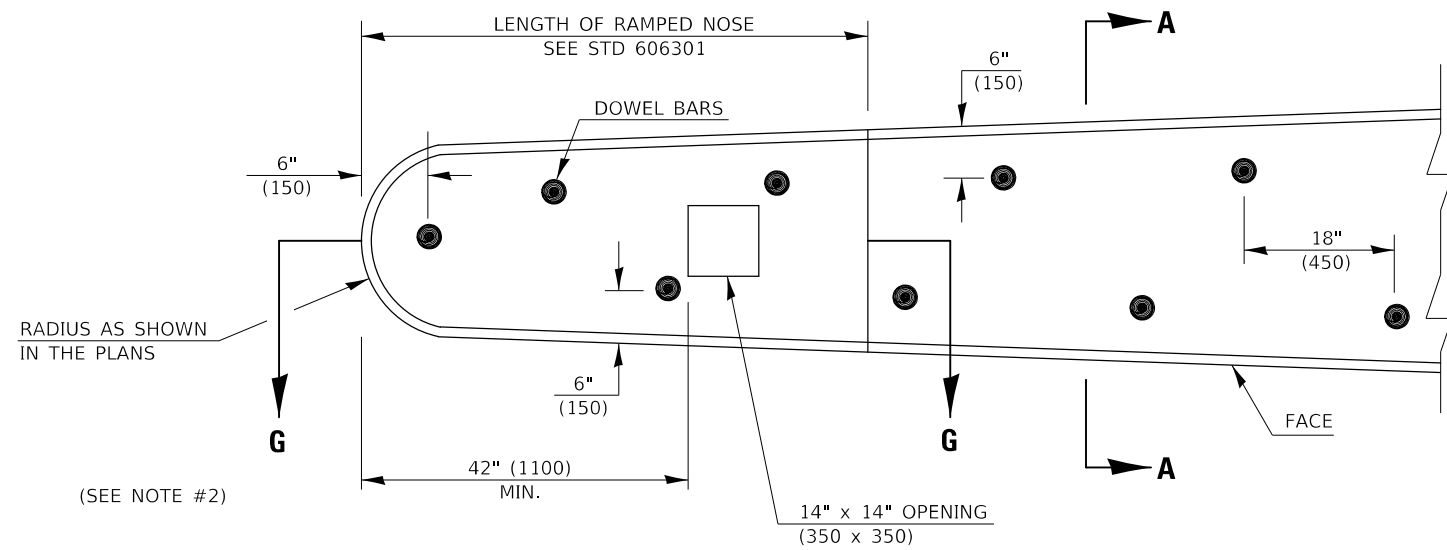




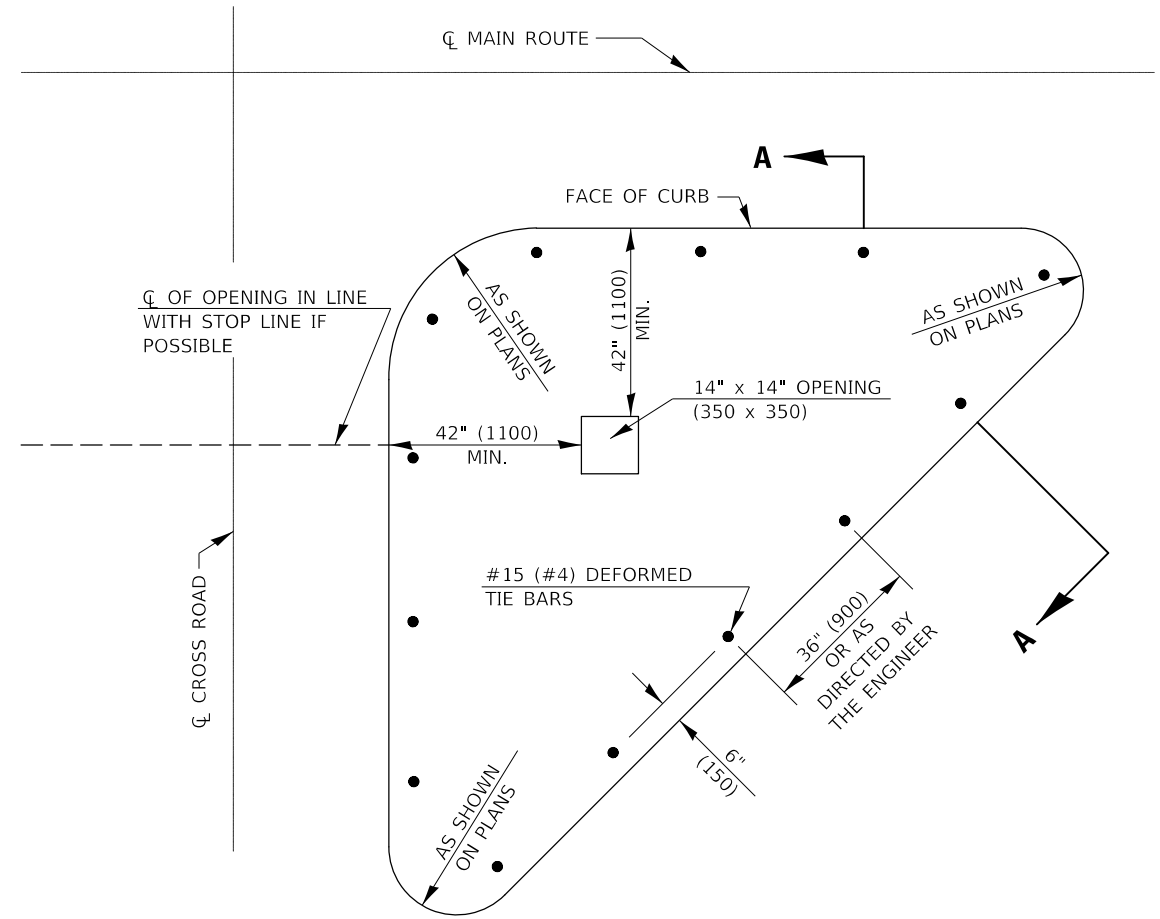




**SECTION A-A**



**PLAN OF MEDIAN**



**PLAN OF CORNER ISLAND**

**GENERAL NOTES**

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. DOWEL BARS @ 36" (900) CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT (m<sup>2</sup>) FOR CONCRETE MEDIAN, TYPE SM (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. ISLAND AND MEDIAN NOSES SHALL BE RAMPED IN ACCORDANCE WITH STANDARD 606301.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. 60622354**

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	DRAWN -	REVISED - 08/09 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 07/14 JWS
PLOT DATE = 3/16/2020	DATE -	REVISED - 3/6/17 SWN

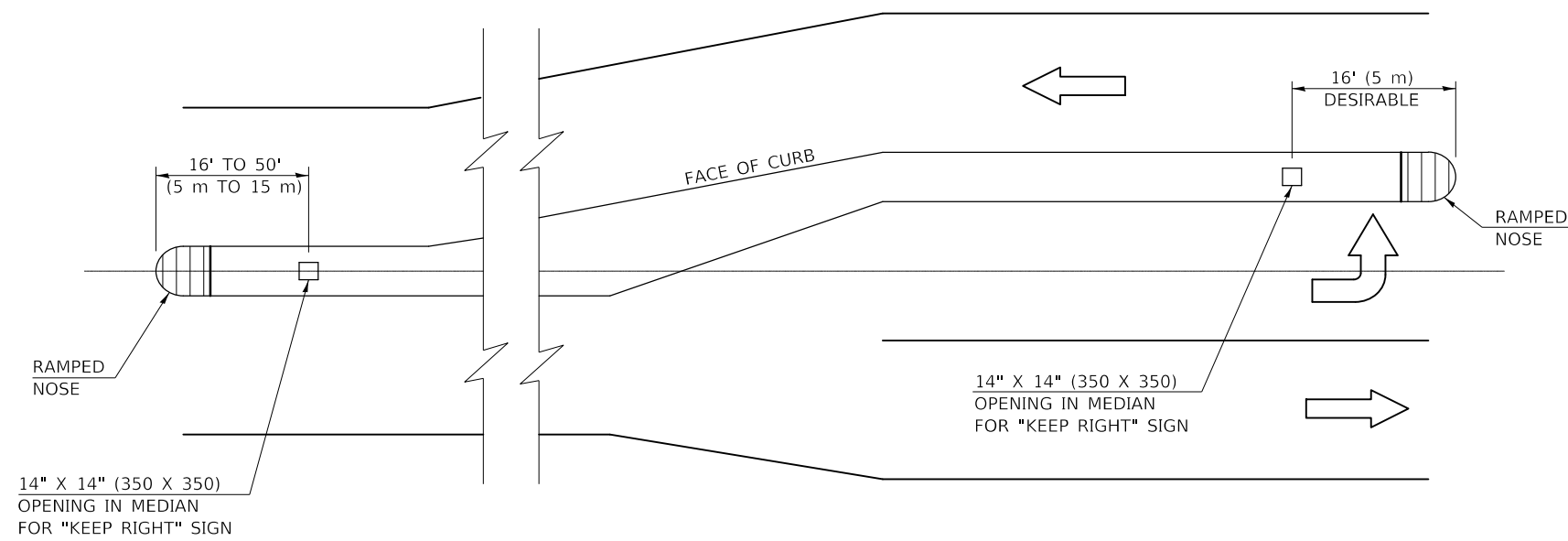
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE MEDIAN, TYPE SM (DOWELLED)**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	139
			CONTRACT NO. 70710	
ILLINOIS FED. AID PROJECT				

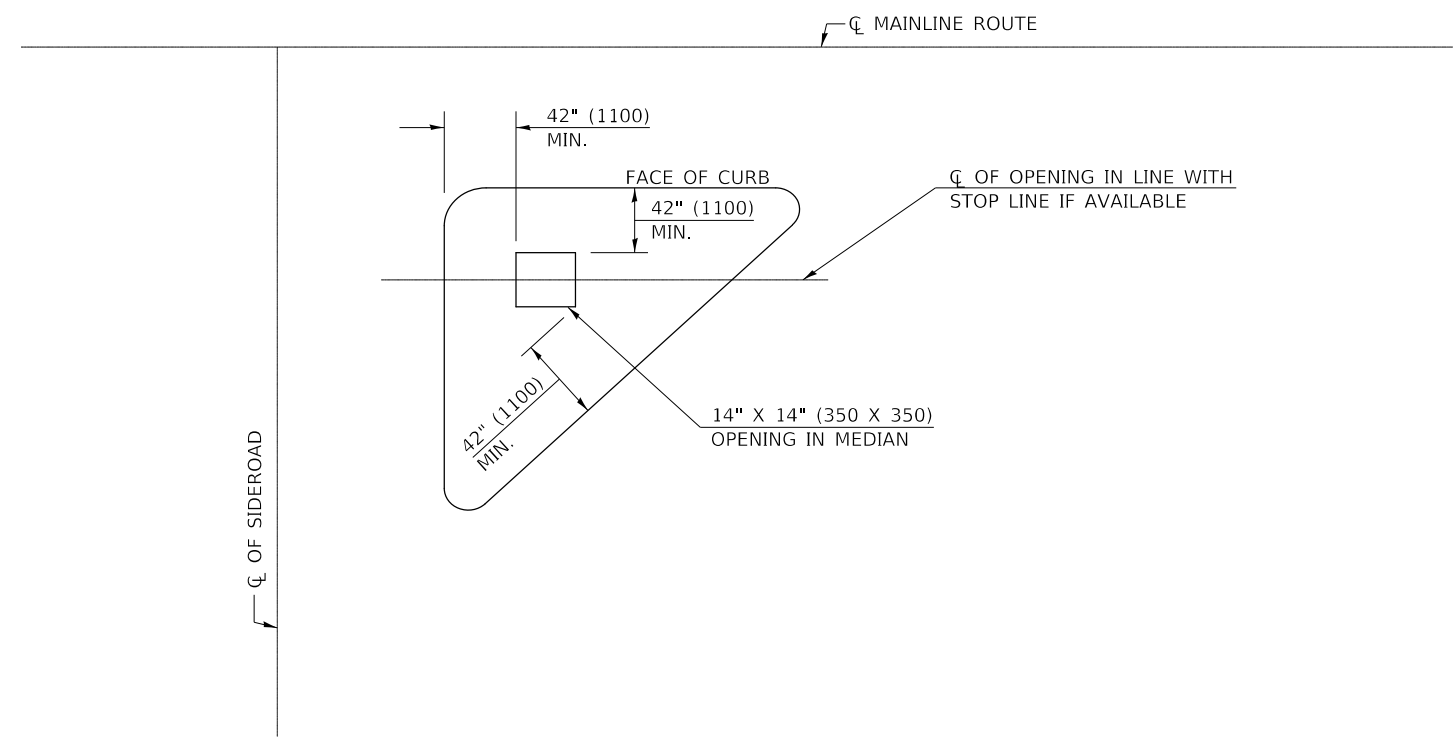
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**LOCATION OF OPENINGS FOR "KEEP RIGHT" SIGNS**

**GENERAL NOTES**

1. ALL SMALL ISLANDS SHALL BE CONSTRUCTED WITH THE STOP SIGN ISLANDS AS SHOWN, UNLESS OTHERWISE SPECIFIED.
2. OPENINGS FOR SIGNS IN MEDIANS SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEDIAN SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



**LOCATION OF STOP SIGN OPENINGS**

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. 60623711**

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	DRAWN -	REVISED -
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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

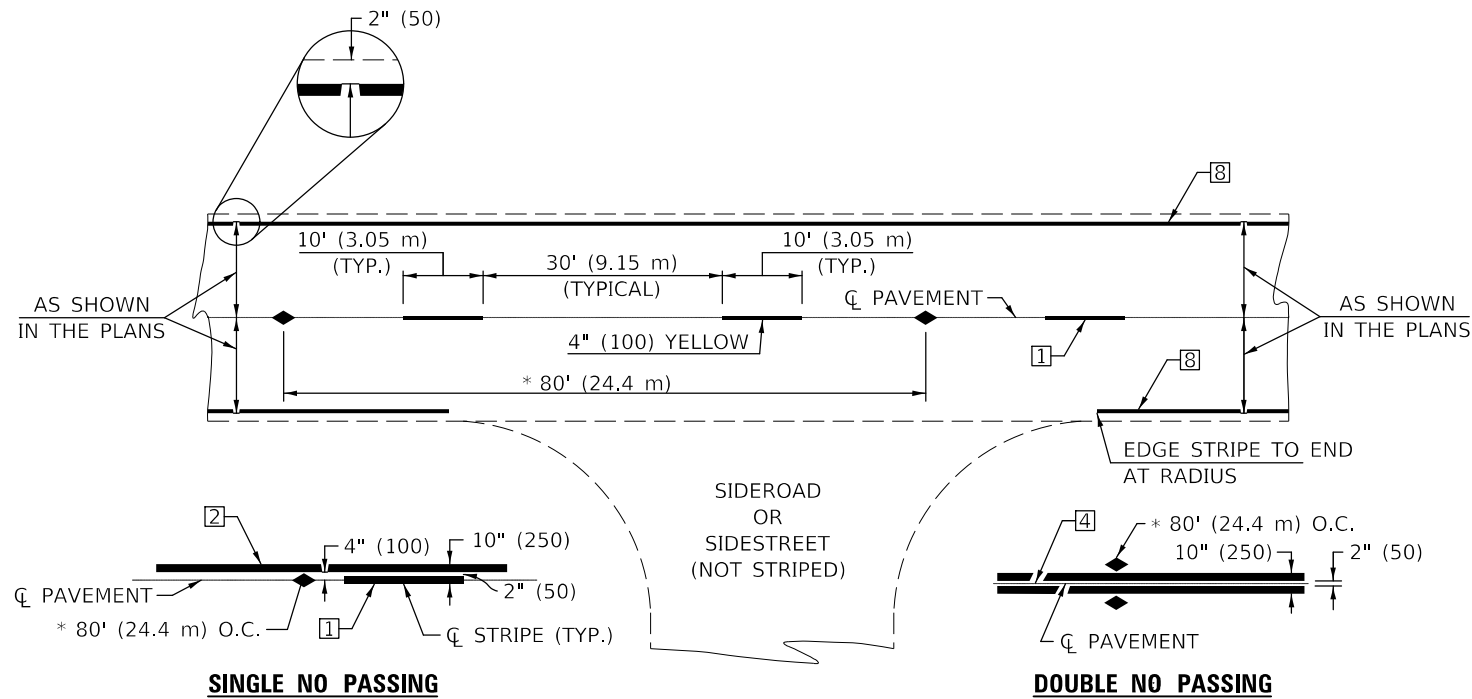
**SIGN POST BLOCKOUTS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	140
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				







\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

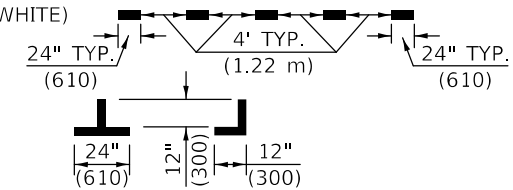
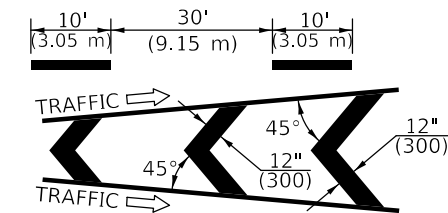
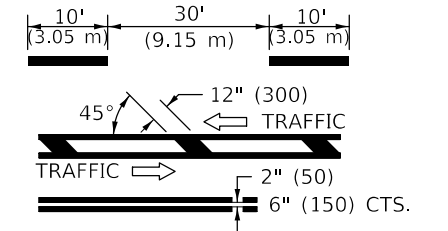
**TWO LANE/TWO WAY**

**TYPICAL PAVEMENT MARKING LEGEND**

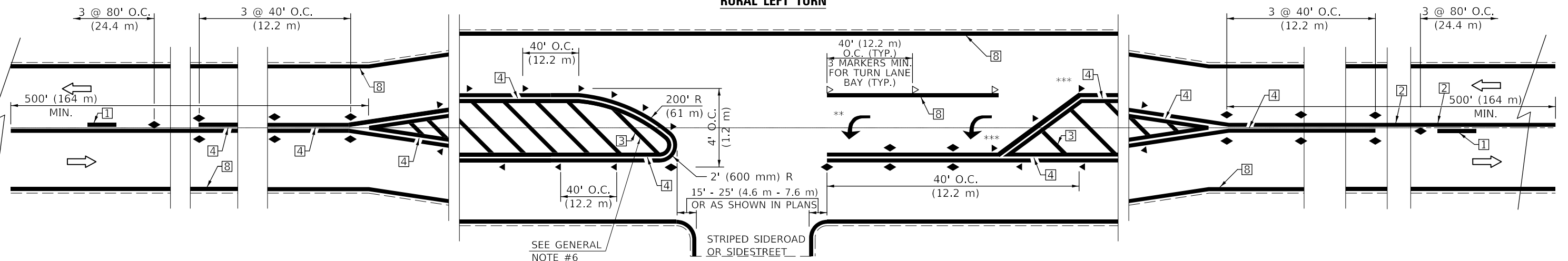
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.  
 \*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. 7800AAAA**

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

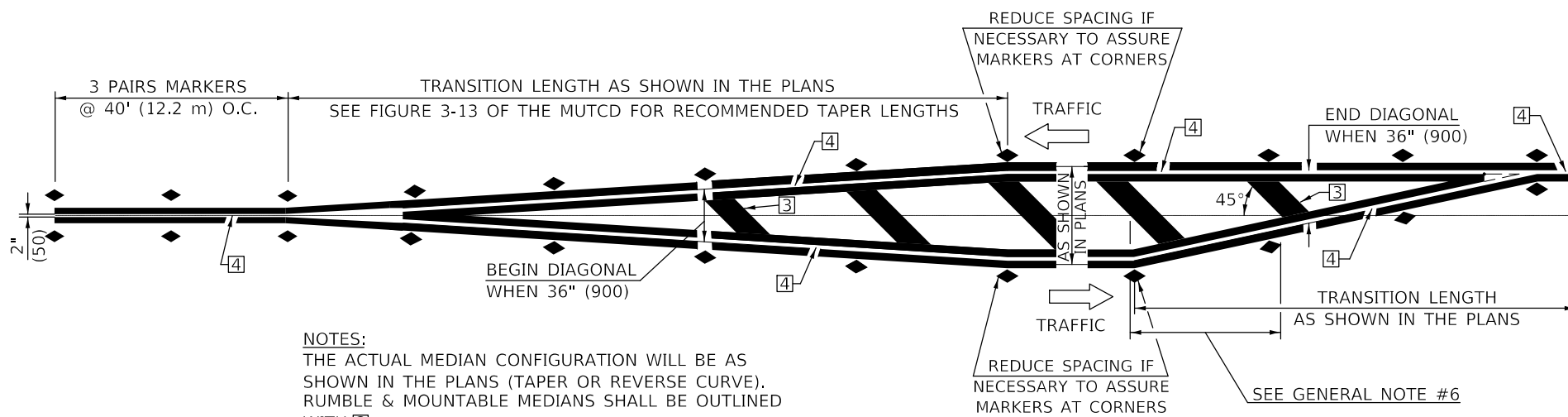
**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,SW	DOUGLAS	148	142
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

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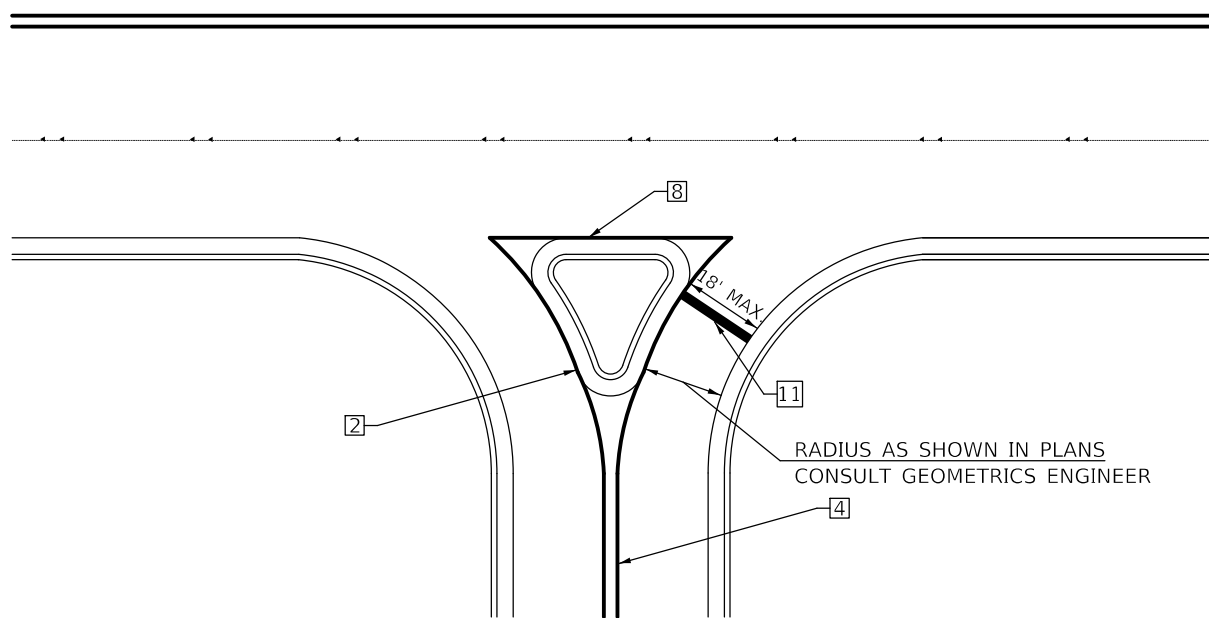


NOTES:  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

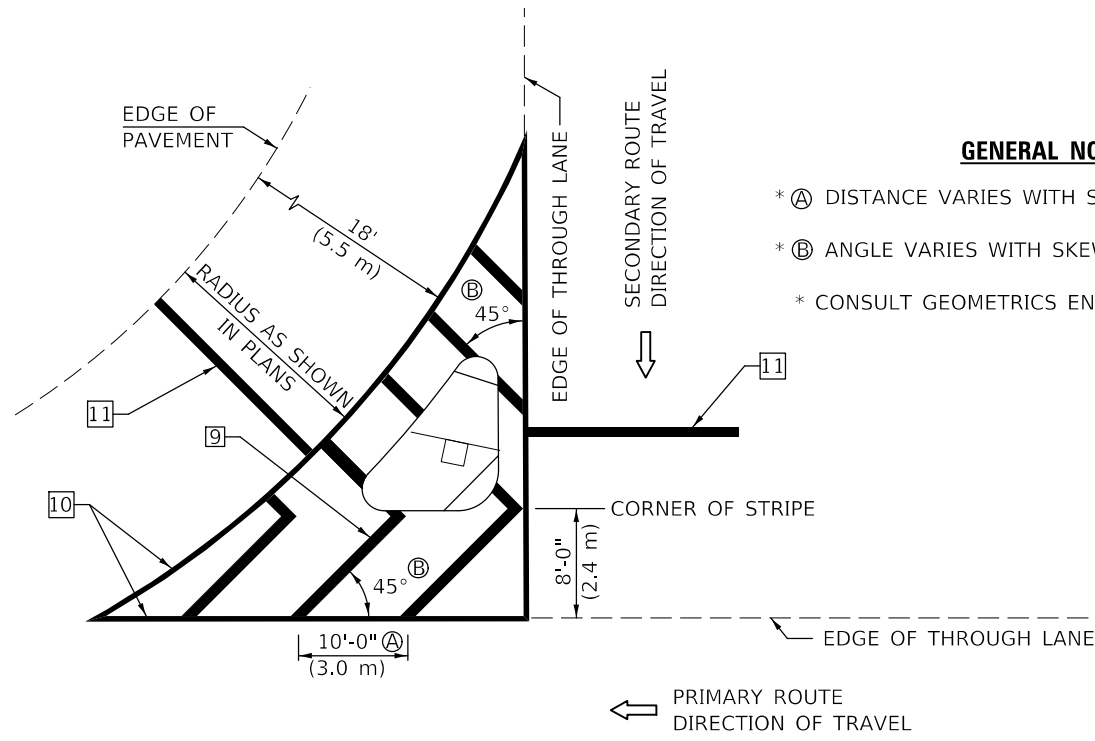
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 <30 MPH USE 15' (<50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 >45 MPH USE 30' (>75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**ISLAND**

**GENERAL NOTES**

- \* A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- \* B ANGLE VARIES WITH SKEW OF INTERSECTION.
- \* CONSULT GEOMETRICS ENGINEER

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. 7800AAAA**

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 PROJECT: 70710...  
 SHEET: 148

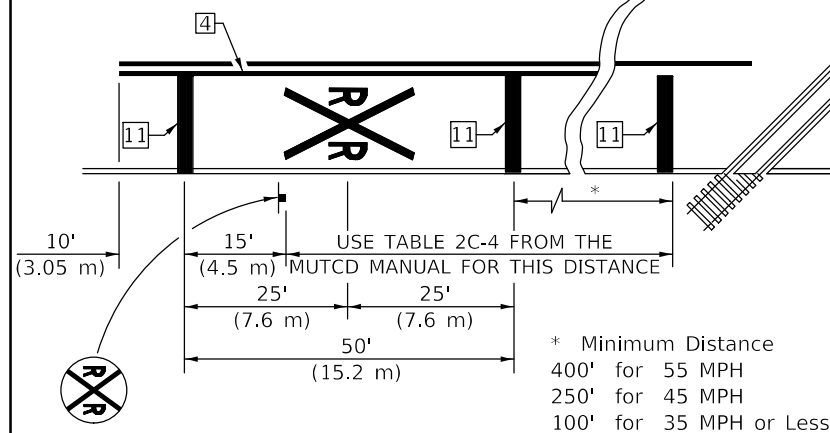
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	DRAWN -	REVISD - 9/2009 KJT
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PLOT DATE = 3/16/2020	DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

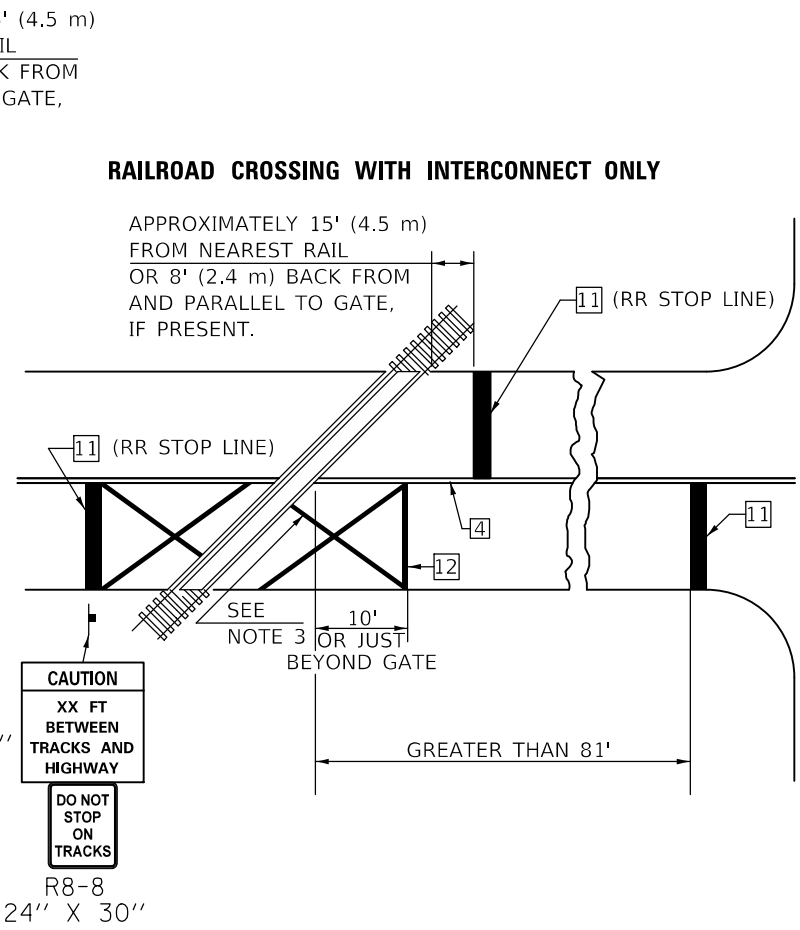
**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

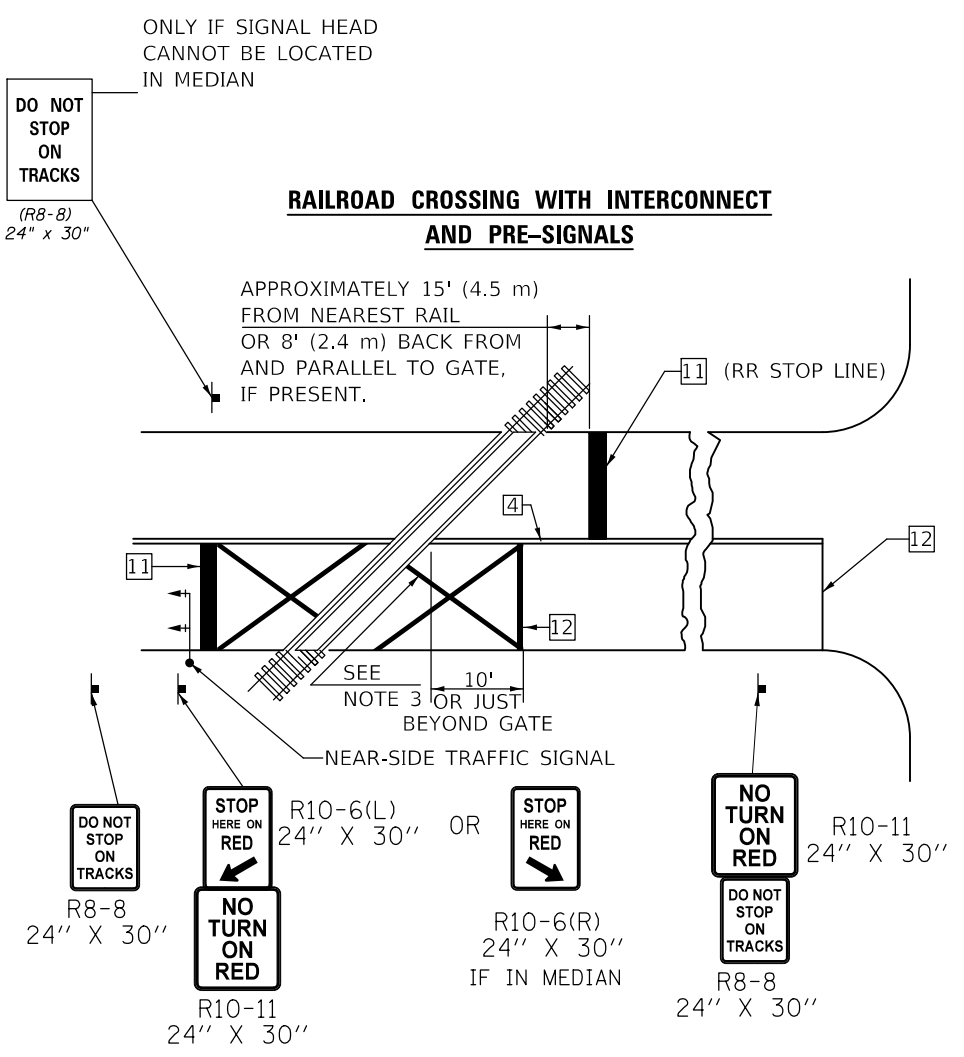
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*	(121)RS-7,SW	DOUGLAS	148	144
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



**RAILROAD CROSSING WITH INTERCONNECT ONLY**



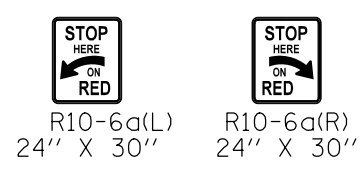
**RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS**

**GENERAL NOTES**

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

**SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING**

**ALTERNATE SIGNS**



**NOTES**

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. 7800AAAA**

MODEL: I:\MODEL\MARKETS... PROJECT: 0570710\CADD\data\Design\70710-shr-csdd\_details

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	DRAWN -	REVISED - 9/2009 KJT
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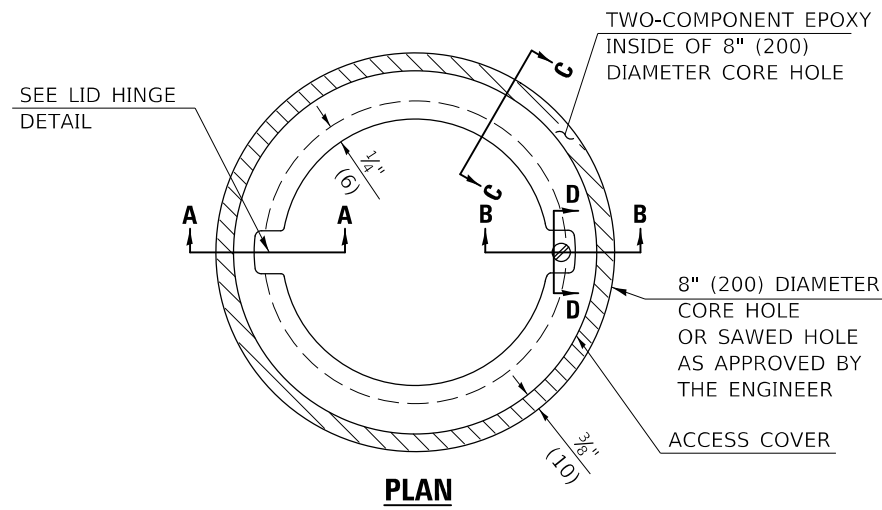
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	145
CONTRACT NO. 70710				
ILLINOIS FED. AID PROJECT				

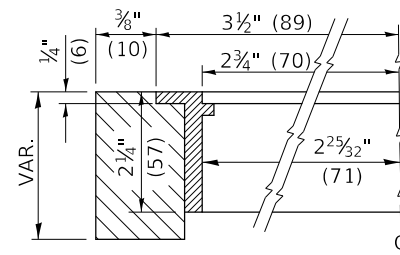
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



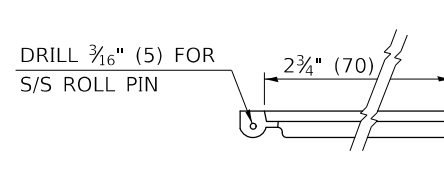
**LEGEND**

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

T = THICKNESS OF PAVEMENT STRUCTURE  
 H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



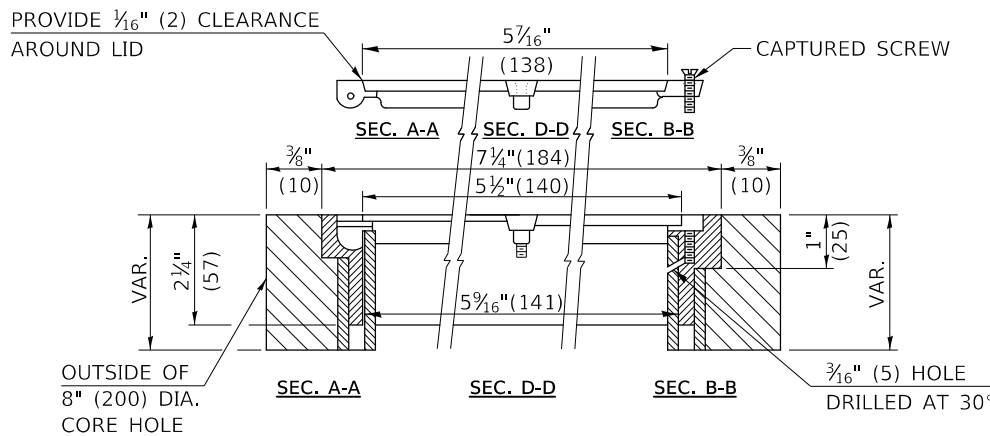
**SECTION C-C**



**LID HINGE DETAIL**

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

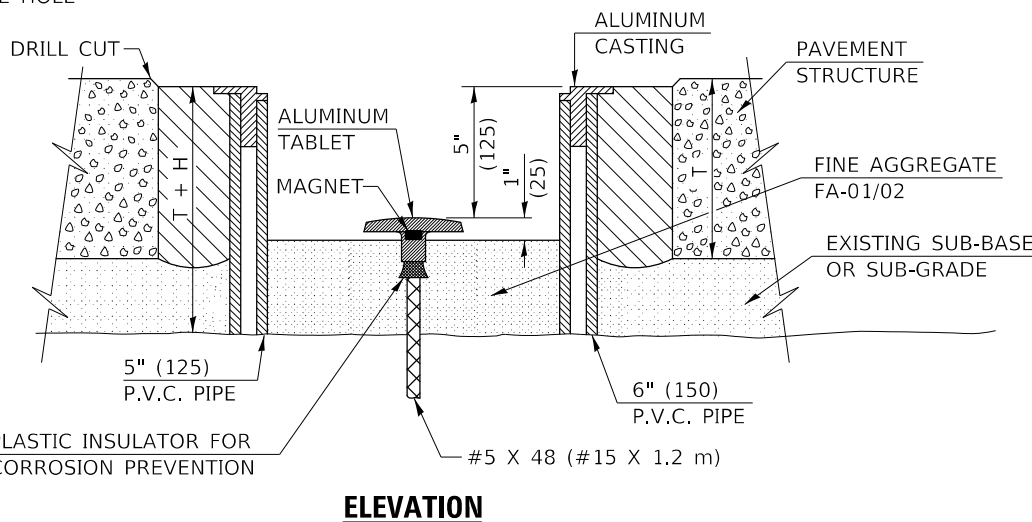


**BILL OF MATERIAL**

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

**GENERAL NOTES**

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) | BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.



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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. X0301232**

MODEL: 4-MODEL\MRHS... FILE: MRHS... PROJECT: 0570710\CADD\Drawings\70710-SPH-CADD-details

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

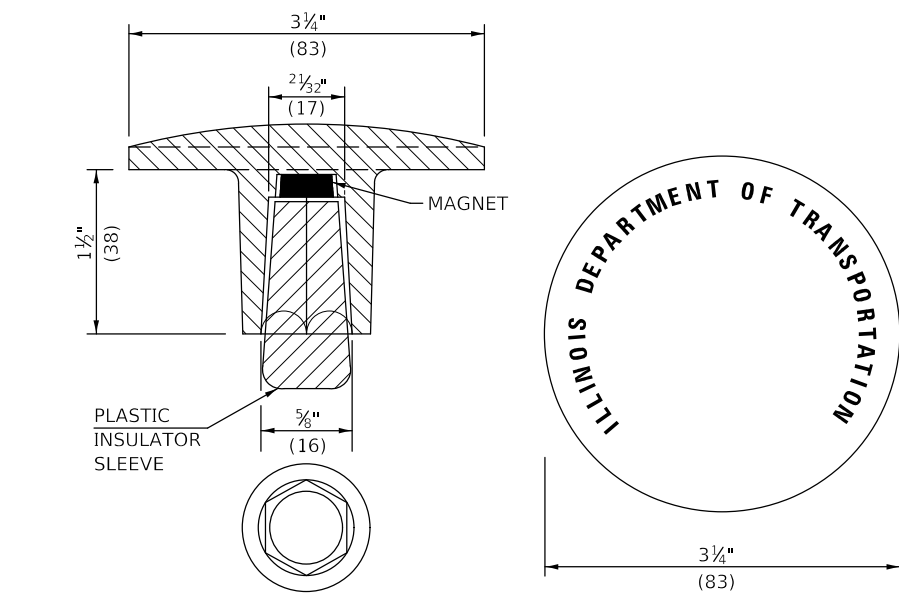
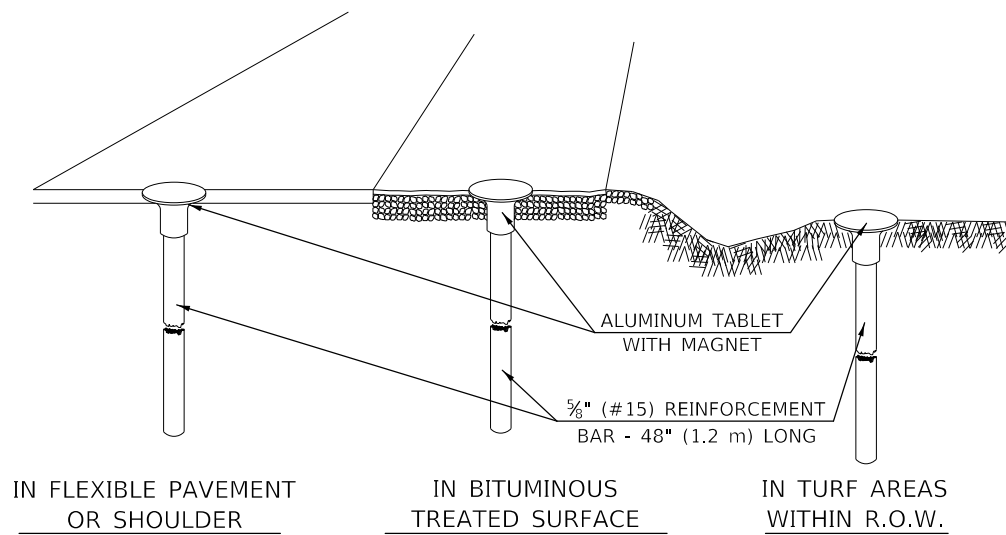
**SURVEY MARKER VAULT**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7,5W	DOUGLAS	148	146
				CONTRACT NO. 70710
ILLINOIS FED. AID PROJECT				

**XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)**

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

**GENERAL NOTES**

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ±1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

**SPECIFICATIONS FOR ALUMINUM TABLET**

SURVEY CAP FOR REBAR. 3 1/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

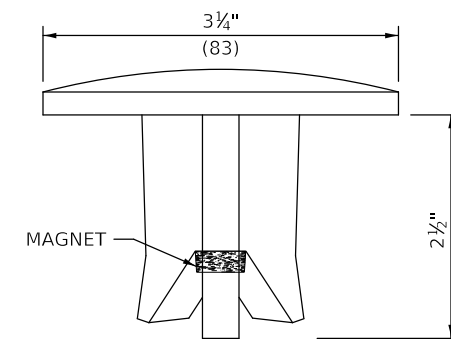
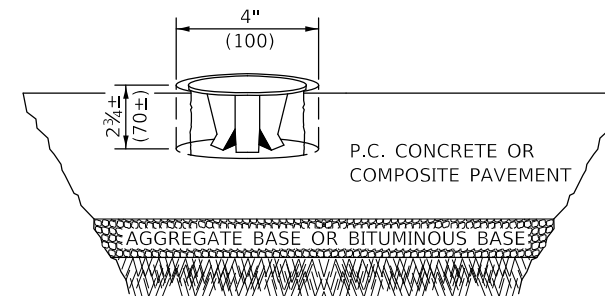
**SPECIFICATIONS FOR REBAR**

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

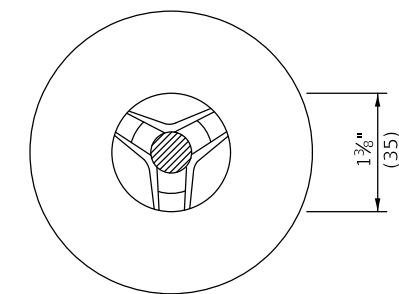
INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

**XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)**

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



**SIDE VIEW**



**BOTTOM VIEW**

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

**GENERAL NOTES**

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. XZ193AAA**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

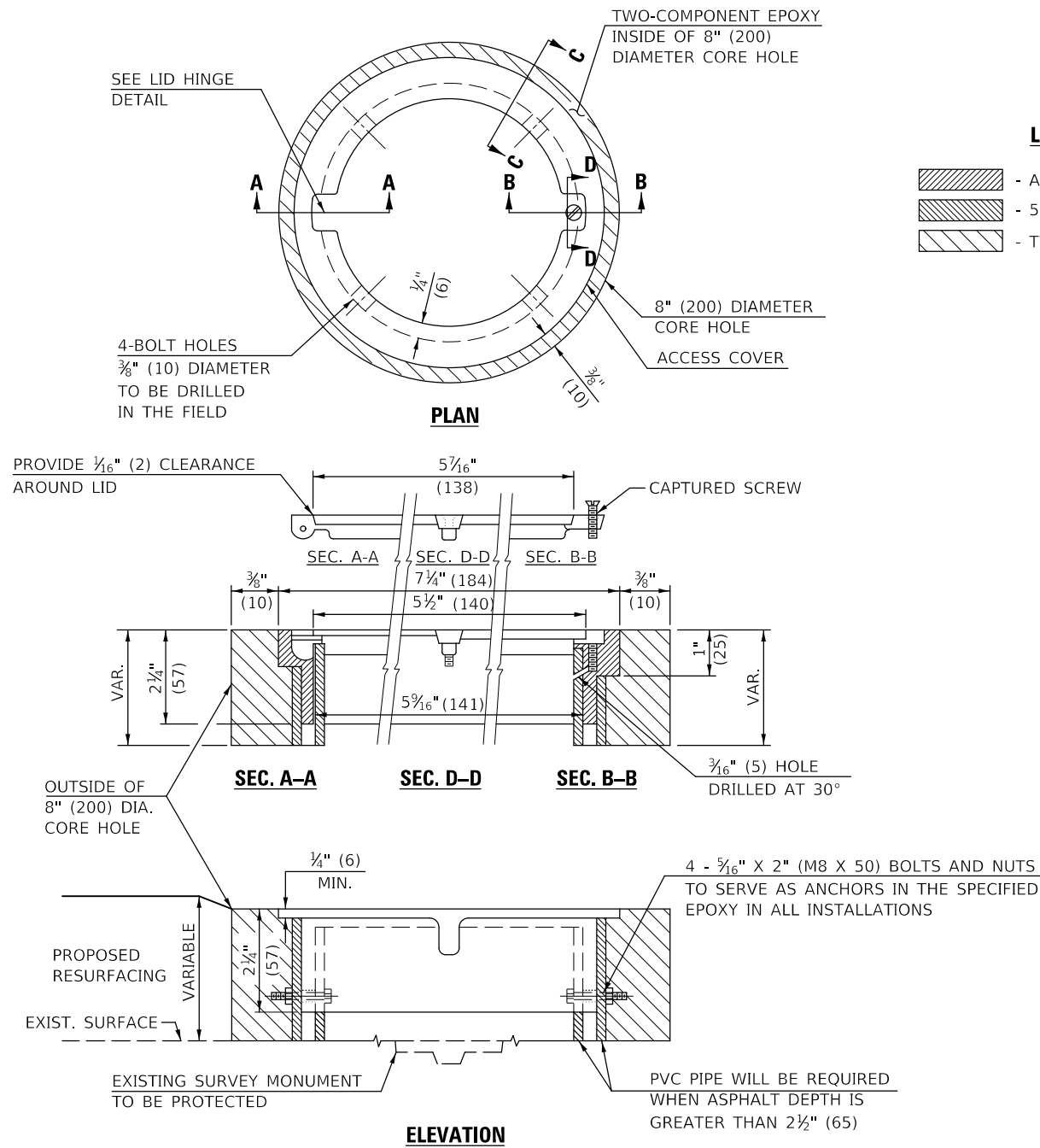
**SURVEY MARKERS TYPE 1 & 2 (SPECIAL)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	147
CONTRACT NO. 70710				

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

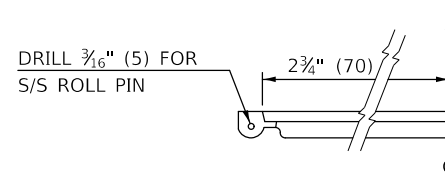
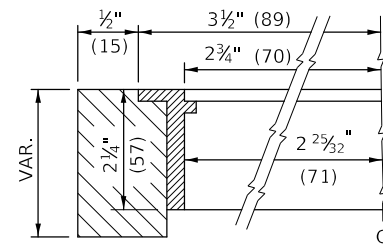
ILLINOIS FED. AID PROJECT

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



**LEGEND**

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

**BILL OF MATERIAL**

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

**GENERAL NOTES**

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

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

\* FAP RTE. 749 (ILL 133) & FAS RTE. 1671 (US 45)

**DISTRICT 5 DETAIL NO. Z0070100**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SURVEY MONUMENT COVER ASSEMBLY**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(121)RS-7.5W	DOUGLAS	148	148
CONTRACT NO. 70710				

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

MODEL: 4 MODEL NAME: FILE NAME: P:\p\illinois\mtd\illinois\p\p\DOT\Documents\DOT Office\Detail\Detail\0710\cadd\Design\70710-ep-hc-add details

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2020	DATE -	REVISED -