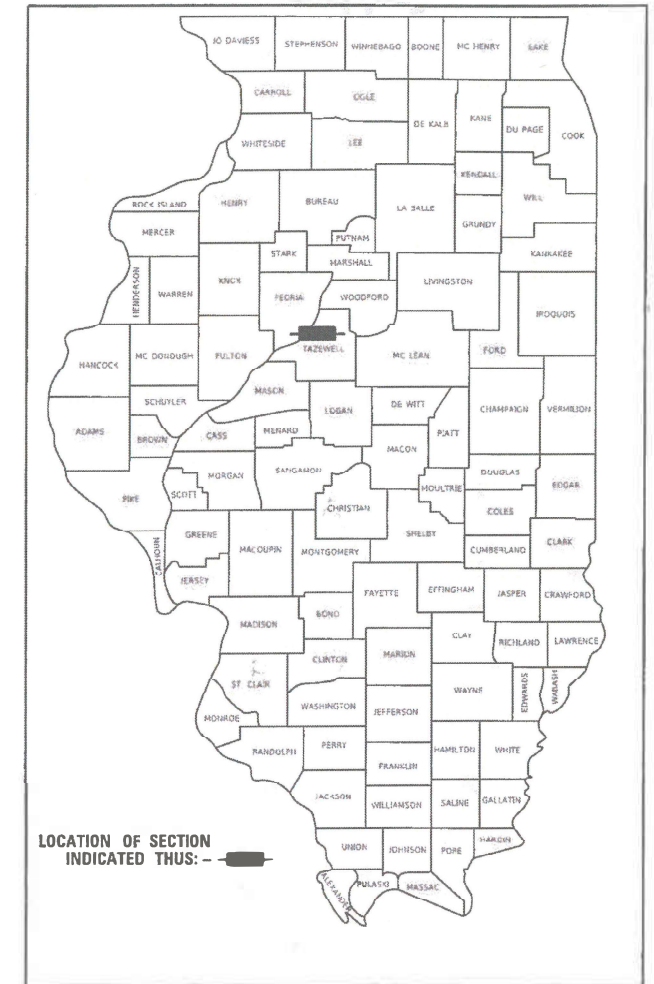


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	* 212	1
		ILLINOIS	CONTRACT NO. 68894	

D-94-060-09



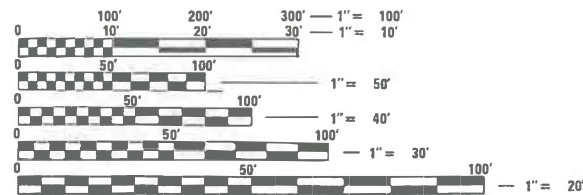
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS
PINECREST STRUCTURE REPLACEMENT**

F.A.I. ROUTE 74 (I-74)
SECTION (90-14HB-1)BR1
PROJECT NHPP-WCGE(975)
PINECREST DRIVE ROADWAY IMPROVEMENT
TAZEWELL COUNTY

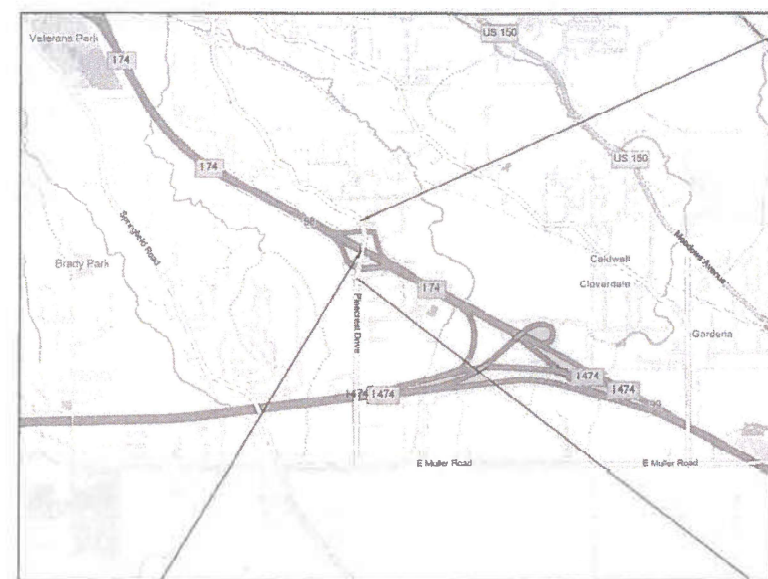
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LIST OF STANDARDS, SEE SHEET NO. 2



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS

Roadway	Functional Classification	Design Speed (MPH)	ADT		ADTT	
			Current (as labeled)	Design (2040)	Current (2017)	Design (2040)
Interstate 74 West of Pinecrest	Interstate	75	46300 (2017)	58207	4600	5783
Interstate 74 East of Pinecrest	Interstate		41300 (2017)	51921	5500	6914
Ramp A		30	1150 (2018)	1431	70	88
Ramp B		30	1200 (2018)	1494	80	101
Ramp C		30	3950 (2018)	4917	160	201
Ramp D		30	4100 (2018)	5103	175	220
Pinecrest	Minor Arterial	45	5100 (2018)	6348	365	459



IMPROVEMENT ENDS
STA. 67 + 75



T25N R4W 3RD P.M.

IMPROVEMENT BEGINS
STA. 53 + 75

STA. 60 + 09.05 (PINECREST) =
STA. 363 + 40.81 (FAI 74)
SN 090-0091 TO BE REMOVED
AND REPLACED WITH A TWO-
SPAN INTEGRAL ABUTMENT
BRIDGE (SN 090-0181)

PROPOSED IMPROVEMENT:
THIS PROJECT CONSISTS OF THE RECONSTRUCTION OF PINECREST DRIVE FROM JUST NORTH OF HIGH POINT LANE AND CAPITOL DRIVE TO JUST SOUTH OF SABRINA DRIVE AND HOFFER LANE. CONSTRUCTION CONSISTS OF BRIDGE REMOVAL AND REPLACEMENT, PAVEMENT REMOVAL, CONCRETE PAVEMENT HMA OVERLAY, HMA SHOULDER RECONSTRUCTION, SHARED-USE PATH, SIGNS, CURB AND GUTTER, LIGHTING, AND EARTHWORK.

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

PROJECT ENGINEER: RICH DOTSON (309-671-3455)
PROJECT MANAGER: KEVIN HORST (309-671-3472)

CONTRACT NO: 68894
CATALOG NO: 034243-00D

MAURER-STUTZ
ENGINEERS SURVEYORS
3116 N. DRIES LANE, SUITE 100
PEORIA, ILLINOIS 61604
PH. (309) 693-7615
FAX (309) 693-7616
PROFESSIONAL DESIGN FIRM #184-005754

GROSS LENGTH = 1400 FT. = 0.265 MI.
NET LENGTH = 1400 FT. = 0.265 MI.

ENGINEER'S SIGNATURE BOX
JEFFERY D. SPILLER
062-057630
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
SIGNED: *Jeffery D. Spiller*
3/18/2020
LISC. EXP. DATE: 11/30/21

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED *Mar 24 2020*
Kensil A Barnett RSP
REGIONAL ENGINEER
May 8, 2020
James A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
May 8, 2020
James A. Etk
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
INDEX OF SHEETS, HIGHWAY STANDARDS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	2
				CONTRACT NO. 68894
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

GENERAL NOTES

SOIL REPORT AVAILABILITY

THE SOILS REPORT AND ALL SOILS DATA COLLECTED AND PROCESSED IN CONJUNCTION WITH THE DESIGN OF IMPROVEMENT IS ON FILE AT THE DISTRICT OFFICE WHERE IT IS AVAILABLE FOR INSPECTION BY CONTRACTORS OR PROSPECTIVE BIDDERS. BY SUBMITTING A BID, THE CONTRACTOR ACKNOWLEDGES THAT THE SOILS REPORT AND DATA HAVE BEEN MADE AVAILABLE, THAT THE CONTRACTOR IS AWARE OF THE REPORT CONTENTS AND APPENDICES, AND THAT THE SOILS REPORT IS PART OF THE CONTRACT DOCUMENTS.

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

PAVEMENT STATION NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY ¼ INCH (20 MM) WIDE, 5 INCHES (125 MM) HIGH AND 5/8 INCH (15 MM) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS - 6 INCHES (150 MM) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)", WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/SF
EXISTING PAVEMENT	0.08 LB/SF
FOG COAT (BETWEEN LIFTS)	0.08 LB/SF

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S):	POLYMER SURFACE 1.5"	POLYMER BINDER 1" AND TOP LIFT RAMP BINDER BUILD-UP	PARTIAL DEPTH PATCHING AND BOTTOM LIFT RAMP BINDER BUILD-UP	I-74 HMA SHOULDER S (LOWER LIFT)
AC/PG:	SBS OR SBR 76-28	SBS OR SBR 76-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0%@N=70	4.0%@N=50	4.0%@N=70	4.0%@N=70
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5	IL 4.75	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIX E	N.A.	N.A.	N.A.
QUALITY MANAGEMENT:	QCQA	QCQA	QCQA	QCQA

CONTINUED MIXTURE USE(S):	I-74 HMA SHOULDERS (2" SURFACE LIFT)	RAMP HMA SHOULDERS (LOWER LIFT) AND PINECREST SHOULDER (PRE-STAGE)	RAMP HMA SHOULDERS (2 ½" SURFACE LIFT)	MULTI-USE PATH AND HMA MOW STRIP
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0%@N=70	4.0%@N=50	4.0%@N=50	4.0%@N=30
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5	IL 19.0	IL 9.5FG	IL 9.5
FRICTION AGGREGATE:	MIX C	N.A.	MIX C	MIX C
QUALITY MANAGEMENT:	QCQA	QCQA	QCQA	QCQA

NOTES:

- 1) INDIVIDUAL LIFT THICKNESS OF EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM.
- 2) FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB./S.Y./IN., UNLESS OTHERWISE NOTED.
- 3) SUBLOT SIZES FOR PFP AND QCP MIXES WILL BE 1,000 TONS, UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

MEDIAN AND ISLAND NOSES

WHEN CONSTRUCTING MEDIAN AND ISLAND NOSES THE FOLLOWING CRITERIA SHOULD BE FOLLOWED:

- BARRIER CURB SHALL BE USED TO CONSTRUCT NOSES WHEN THE MEDIAN OR ISLAND SURROUNDS A MAST ARM OR OTHER NON-BREAKAWAY FOUNDATION.
- RAMPED NOSES SHALL BE USED ON MEDIANS OR ISLANDS WITH BREAKAWAY POSTS.

SIGN POST HOLES

VERTICAL HOLES SHALL BE CONSTRUCTED IN THE ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED OR CONCRETE MEDIAN SURFACE 4 INCHES (100 mm). THE HOLES SHALL BE 24 INCHES (600 mm) IN DIAMETER OR 24 INCHES (600 mm) SQUARE AND THEY SHALL BE FREE OF ANY OBSTRUCTION, EXCEPT EARTH, FOR A DEPTH OF 5 FEET (1.5 m) AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY HOLES NOT USED FOR THE PLACEMENT OF SIGNS SHALL BE FILLED AND COMPACTED FLUSH WITH THE TOP OF THE ISLAND PAVEMENT, CONCRETE MEDIAN OF THE TYPES SPECIFIED, OR CONCRETE MEDIAN SURFACE 4 INCHES (100 mm). THE TOP 3 INCHES (75 mm) OF SAID COMPACTED FILL SHALL CONSIST OF A HOT-MIX ASPHALT MIXTURE. ALL HOLES IN WHICH THE SIGN POSTS ARE INSTALLED AT THE TIME OF THIS CONTRACT SHALL BE SIMILARLY FILLED.

THIS WORK, INCLUDING ANY REQUIRED PAVEMENT REMOVAL NECESSARY TO CONSTRUCT THE SIGN POST HOLES, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT (SQUARE METER) FOR ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED, OR CONCRETE MEDIAN SURFACE, 4 INCHES (100 mm).

TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

TEN FEET (10 FT.) (3 m) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

SECURING DRAINAGE STRUCTURE GRATES

PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEM.

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

THE DEPARTMENT RESERVES THE RIGHT AT ANY TIME TO ADD ADDITIONAL TRAFFIC CONTROL SYSTEMS OR DEVICES WITHIN THE ACTIVE CONTRACT LIMITS, BY MEANS OF AN ADDITIONAL CONTRACT. ALL TERMS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS SHALL BE FOLLOWED BY EACH CONTRACTOR.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE BUREAU OF OPERATIONS, TRAFFIC SECTION, BEFORE INSTALLATION.

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

PROJECT SPECIFIC NOTES

MATERIAL TRANSFER DEVICE ON STRUCTURES

THE CONTRACTOR SHALL NOT CROSS THE EXISTING STRUCTURE (S.N. 090-0091) OR THE PROPOSED STRUCTURE (S.N. 090-0181) WITH A MATERIAL TRANSFER DEVICE.

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PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
GENERAL NOTES AND PROJECT SPECIFIC NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	3
			CONTRACT NO. 68894	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
20200100	EARTH EXCAVATION	CU YD	2095	2005	90
20400800	FURNISHED EXCAVATION	CU YD	12060	12060	0
20800150	TRENCH BACKFILL	CU YD	16	16	0
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	15204	15062	142
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	15081	14740	341
21400100	GRADING AND SHAPING DITCHES	FOOT	80.00	80	0
25000210	SEEDING, CLASS 2A	ACRE	3.25	3.25	0.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	280	280	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	280	280	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	280	280	0
25000750	MOWING	ACRE	22	22	0.00
25100115	MULCH, METHOD 2	ACRE	3	3.00	0.00
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	1577	1577	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	915	915	0
28000305	TEMPORARY DITCH CHECKS	FOOT	300	300	0

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PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER 174 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
28000400	PERIMETER EROSION BARRIER	FOOT	4745	4068	677
28000500	INLET AND PIPE PROTECTION	EACH	4	4	0
28000510	INLET FILTERS	EACH	4	4	0
28100125	STONE RIPRAP, CLASS B3	SQ YD	122	122	0
28200200	FILTER FABRIC	SQ YD	122	122	0
30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	1201	1201	0
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	14066	13924	142
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	216	74	142
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2703	2703	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31716	14956	16760
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	333	0	333
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	4	0	4
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	426	0	426
40604090	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N30	TON	202	202	0
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	657	35	622

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	USER NAME = bmwagehoft	DESIGNED -	REVISED -
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	PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	5
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 2 OF 15 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	338	338	0
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	8981	8981	0
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1235	1235	0
* 42400800	DETECTABLE WARNINGS	SQ FT	188	188	0
44000100	PAVEMENT REMOVAL	SQ YD	7959	7959	0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	143	143	0
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	3830	0	3830
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	2439	0	2439
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	290	0	290
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	9138	9138	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	910	910	0
44004000	PAVED DITCH REMOVAL	FOOT	150	150	0
44004250	PAVED SHOULDER REMOVAL	SQ YD	3957	3517	440
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	881	0	881
44201427	CLASS C PATCHES, TYPE II, 16 INCH	SQ YD	18	18	0

*= SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	6
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	425	235	190
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4524	3312	1212
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	2747	2747	0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	0
50157300	PROTECTIVE SHIELD	SQ YD	854	854	0
50200100	STRUCTURE EXCAVATION	CU YD	561	561	0
50300225	CONCRETE STRUCTURES	CU YD	413.4	413.4	0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	594.1	594.1	0
50300260	BRIDGE DECK GROOVING	SQ YD	1634	1634	0
50300300	PROTECTIVE COAT	SQ YD	2642	2642	0
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	220.0	220.0	0
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1	0
50500505	STUD SHEAR CONNECTORS	EACH	6204	6204	0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	268940	268940	0
50800515	BAR SPLICERS	EACH	1095	1095	0

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER 174 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	7
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 4 OF 15 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
0010	0006				
URBAN	URBAN				
50901720	BICYCLE RAILING	FOOT	59	59	0
50901730	BRIDGE FENCE RAILING	FOOT	213	213	0
50901750	PARAPET RAILING	FOOT	268	268	0
51100100	SLOPE WALL 4 INCH	SQ YD	762	762	0
51200963	FURNISHING METAL SHELL PILES 16" X 0.375"	FOOT	2304	2304	0
51202305	DRIVING PILES	FOOT	2304	2304	0
51203200	TEST PILE METAL SHELLS	EACH	3	3	0
51204650	PILE SHOES	EACH	52	52	0
51500100	NAME PLATES	EACH	1	1	0
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	11	11	0
52100520	ANCHOR BOLTS, 1"	EACH	44	44	0
52100540	ANCHOR BOLTS, 1 1/2"	EACH	22	22	0
52200010	TEMPORARY SHEET PILING	SQ FT	477	477	0
54244805	INLET BOX, STANDARD 542501	EACH	1	1	0
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	11	11	0

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
54261424	CONCRETE END SECTION, STANDARD 542001, 24", 1:4	EACH	1	1	0
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	53	53	0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	90	90	0
55100500	STORM SEWER REMOVAL 12"	FOOT	32	32	0
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	298	298	0
58700300	CONCRETE SEALER	SQ FT	2735	2735	0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	149	149	0
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	14	14	0
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4	0
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	49	49	0
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3	0
60260505	INLETS TO BE ADJUSTED WITH NEW TYPE 3V FRAME AND GRATE	EACH	1	1	0
60500060	REMOVING INLETS	EACH	5	5	0
60600095	CLASS S1 CONCRETE (OUTLET)	CU YD	39	39	0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	927	927	0

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
 SUMMARY OF QUANTITIES**

SCALE: SHEET 6 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1472	1472	0
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	61	61	0
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	198	198	0
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3838	3838	0
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	3697	3697	0
60622000	CONCRETE MEDIAN, TYPE SM-2.12	SQ FT	876	876	0
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	100	100	0
* 63000035	BACK SIDE PROTECTION OF GUARDRAIL	FOOT	38	38	0
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	0
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1	0
63200310	GUARDRAIL REMOVAL	FOOT	1707	1707	0
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	25	25	0
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	10995	10995	0
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	0

*= SPECIALTY ITEM

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

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
64301090	ATTENUATOR BASE	SQ YD	55	55	0
64401100	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	550	550	0
64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	2	2	0
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1	0
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2273	2273	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	0
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	0
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	0
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18	0
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	18	18	0
67100100	MOBILIZATION	L SUM	1	1	0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	0
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	16136	16136	0
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	3615	3615	0

*= SPECIALTY ITEM

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	USER NAME = bmwagehoft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PINECREST DRIVE OVER 174 STRUCTURE REPLACEMENT SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			74	(90-14HB-1)BR1	TAZEWELL	212	11
	PLOT DATE = 3/25/2020	CHECKED -	REVISED -			CONTRACT NO. 68894		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -	SCALE:		SHEET 8 OF 15 SHEETS		STA. TO STA.		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	50	50	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	27706	27706	0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	78171	78171	0
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	567	567	0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	403	403	0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	434	434	0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2000	2000	0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2200	2200	0
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1	0
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2	0
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	0
70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	6	6	0
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	24.25	24.25	0
* 72000200	SIGN PANEL - TYPE 2	SQ FT	16	16	0

*= SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	12
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
* 72000300	SIGN PANEL - TYPE 3	SQ FT	758.25	758.25	0
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	110	110	0
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	0
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	5446	5446	0
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	140	140	0
73000100	WOOD SIGN SUPPORT	FOOT	20	20	0
73400100	CONCRETE FOUNDATIONS	CU YD	13.40	13.40	0
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	14	14	0
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	421	421	0
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	16513	8186	8327
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	2259	2038	221
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	490	490	0
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	521	521	0
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	3	3	0
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	8	8	0

*= SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	13
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
0010	0006				
URBAN	URBAN				
* 78200020	CURB REFLECTORS	EACH	170	170	0
* 78200021	HIGH TENSION CABLE MEDIAN BARRIER REFLECTORS	EACH	11	11	0
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	0
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1200	1200	0
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	504	504	0
* 81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	2	2	0
* 81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	5395	5395	0
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1844	1844	0
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1754	1754	0
* 81702145	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	FOOT	72	72	0
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	17	17	0
* 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1	1	0
* 83060450	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM	EACH	11	11	0
* 83060549	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM, TWIN	EACH	3	3	0
* 83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	11	11	0

*= SPECIALTY ITEM

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PLOT DATE = 3/25/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	14
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	56	56	0
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	934	934	0
* 87900100	DRILL EXISTING FOUNDATION	EACH	1	1	0
* 87900200	DRILL EXISTING HANDHOLE	EACH	1	1	0
	89000100 TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	2	0
* X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1	1	0
* X0323388	TRAFFIC COUNTER	EACH	1	1	0
	X0323586 PIPE DRAIN REMOVAL	FOOT	250	250	0
* X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	1	1	0
* X0324597	CLOSED CIRCUIT TELEVISION CABINET	EACH	1	1	0
* X0325541	REMOVE EXISTING LIGHTING SYSTEM	L SUM	1	1	0
* X0326812	CAT 5 ETHERNET CABLE	FOOT	45	45	0
* X0327466	TRAFFIC COUNTER POST, GALVANIZED STEEL	EACH	1	1	0
	X0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2761	2761	0
	X0500002 HOT-MIX ASPHALT MOW STRIP	SQ YD	289	289	0

*= SPECIALTY ITEM

MODEL D:\d4\hjt FILE NAME: S:\237\2016\23716001.00 (177-009 D4 Pinecrest Struct. Replace PHU\CADD\CADD Sheets\68894-14-S00.dgn

	USER NAME = bmwagehoft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			74	(90-14HB-1)BR1	TAZEWELL	212	15	
PLOT DATE = 3/18/2020	CHECKED -	REVISED -	SCALE:			SHEET 12	OF 15 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	DATE -	REVISED -	CONTRACT NO. 68894								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	1786	0	1786
* X1400146	HELIX FOUNDATION AND BREAKAWAY DEVICE	EACH	1	1	0
* X1400222	BLUETOOTH DETECTOR	EACH	1	1	0
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	190	0	190
X4402805	ISLAND REMOVAL	SQ FT	769	769	0
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	5359	5359	0
X4421000	PARTIAL DEPTH PATCHING	TON	250	0	250
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4	0
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	1	1	0
X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	1	1	0
X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	830	830	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	168	168	0
X7050167	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	1	1	0
X7240205	REMOVE SIGN COMPLETE	EACH	7	7	0

*= SPECIALTY ITEM

MODEL D:\46411 FILE NAME: S:\2371016\23716001.00 (177-009) D4 Pinecrest Struct. Replace PHU\CADD\CADD Sheets\ID68894-14-500.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
0010	0006				
URBAN	URBAN				
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	421	421	0
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	16513	8186	8327
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2259	2038	221
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	490	490	0
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	521	521	0
* X8130110	JUNCTION BOX (SPECIAL)	EACH	1	1	0
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	639	639	0
* X8710050	FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1	1	0
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	44	44	0
Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	63	63	0
Z0004552	APPROACH SLAB REMOVAL	SQ YD	900	900	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0
Z0023500	FILLING EXISTING CULVERTS	CU YD	6	6	0
Z0034105	MATERIAL TRANSFER DEVICE	TON	1047	0	1047
Z0038119	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1 1/2"	SQ YD	196	196	0

*= SPECIALTY ITEM

MODEL D:\64\11
FILE NAME: S:\27\2016\23716001.00 (177-009) D4 Pinecrest Struct Replace PHU\CADD\CADD Sheets\0468894-14-S000.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 14 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	17
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FUNDS	
				90% FED / 10% STATE	90% FED / 10% STATE
				BRIDGE	ROADWAY
				0010	0006
				URBAN	URBAN
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	236	236	0
Z0076600	TRAINEES	HOUR	1,000	1,000	
Z0062456	TEMPORARY PAVEMENT	SQ YD	1615	1615	0
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000	

MODEL: D:\64bit
 FILE NAME: S:\27103\623716001\00_1177-000_D4_Pinecrest Struct_Replac_Plan\CADD\CADD Sheets\ID68894-18-500.dgn

	USER NAME = bmwagehoft	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SUMMARY OF QUANTITIES

SCALE: SHEET 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	18
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

20800150 TRENCH BACKFILL					
LOCATION				CU YD	REMARKS
PINECREST					
63+79.98	TO	64+39.97	4.57' LT	10.4	OVER STORM SEWER
64+39.97			LT/RT	5.5	OVER STORM SEWER
TOTAL				15.9	

21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION					
LOCATION				SQ YD	REMARKS
PINECREST					
51+78.14	TO	53+75.00	RT	255.3	
52+21.30	TO	53+75.00	LT	449.5	
53+75.00	TO	58+48.53	LT/RT	5193.7	S OF BRIDGE
58+48.53	TO	58+79.34	LT/RT	152.0	S PCC CONNECTOR
61+38.58	TO	61+69.42	LT/RT	152.1	N PCC CONNECTOR
61+69.42	TO	67+89.52	LT/RT	6113.2	N OF BRIDGE
52+23.81	TO	54+66.97	RT	270.6	MULTI-USE PATH
55+63.71	TO	58+62.87	RT	332.7	MULTI-USE PATH
61+31.91	TO	64+74.60	RT	394.1	MULTI-USE PATH
65+80.54	TO	67+52.23	RT	204.0	MULTI-USE PATH
RAMP A - BRIDGE					
19+00.00	TO	20+44.18	LT/RT	195.6	
RAMP B - BRIDGE					
01+25.00	TO	02+24.20	LT/RT	369.7	
RAMP C - BRIDGE					
16+00.00	TO	18+00.00	LT/RT	979.9	
BRIDGE TOTAL				15062.4	
RAMP A					
18+18.79	TO	19+00.00	LT/RT	29.0	WIDENING
RAMP C					
12+47.61	TO	16+00.00	LT	113.0	WIDENING
ROADWAY TOTAL				142.0	

21101615 TOPSOIL FURNISH AND PLACE, 4"					
LOCATION				SQ YD	REMARKS
I-74					
361+82.82	TO	365+20.08	LT/RT	1047.9	
PINECREST					
51+95.54	TO	55+43.26	RT	1549.3	
52+41.33	TO	56+01.11	LT	816.4	
56+33.55	TO	59+55.14	LT	1563.7	
55+48.82	TO	59+33.64	RT	2752.9	
60+51.01	TO	65+00.20	RT	3519.0	
60+79.25	TO	65+49.67	LT	1231.7	
64+58.83	TO	64+84.06	RT	2102.0	
66+01.56	TO	67+91.93	LT	157.1	
BRIDGE TOTAL				14740.0	
RAMP A					
18+18.79	TO	19+00.00	RT	112.8	
RAMP C					
12+41.02	TO	16+00.00	RT	227.7	
ROADWAY TOTAL				340.5	

21400100 GRADING AND SHAPING DITCHES					
LOCATION				FOOT	REMARKS
I-74					
365+07.58			LT	80.2	
TOTAL				80.2	

25000210 SEEDING, CLASS 2A					
LOCATION				ACRE	REMARKS
I-74					
361+82.82	TO	365+20.08	LT/RT	0.217	
PINECREST					
51+95.54	TO	55+14.27	RT	0.288	
52+41.33	TO	55+17.06	LT	0.120	
55+57.63	TO	59+55.14	LT	0.317	
55+47.72	TO	59+33.64	RT	0.535	
60+51.01	TO	65+00.20	RT	0.727	
60+79.25	TO	65+49.67	LT	0.254	
64+58.83	TO	67+84.06	RT	0.434	
66+01.56	TO	67+91.93	LT	0.032	
RAMP A					
18+18.79	TO	19+00.00	RT	0.023	
RAMP B					
01+25.00	TO	02+24.37	LT	0.034	
01+25.00	TO	02+24.19	RT	0.032	
RAMP C					
12+41.02	TO	18+00.00	LT	0.006	
12+41.02	TO	18+00.00	RT	0.096	
TOTAL				3.115	USE 3.25

25000400 NITROGEN FERTILIZER NUTRIENT					
LOCATION				POUND	REMARKS
I-74					
361+82.82	TO	365+20.08	LT/RT	19.5	
PINECREST					
51+95.54	TO	55+14.27	RT	25.9	
52+41.33	TO	55+17.06	LT	10.8	
55+57.63	TO	59+55.14	LT	28.5	
55+47.72	TO	59+33.64	RT	48.1	
60+51.01	TO	65+00.20	RT	65.4	
60+79.25	TO	65+49.67	LT	22.9	
64+58.83	TO	67+84.06	RT	39.1	
66+01.56	TO	67+91.93	LT	2.9	
RAMP A					
18+18.79	TO	19+00.00	RT	2.1	
RAMP B					
01+25.00	TO	02+24.37	LT	3.1	
01+25.00	TO	02+24.19	RT	2.9	
RAMP C					
12+41.02	TO	18+00.00	LT	0.5	
12+41.02	TO	18+00.00	RT	8.6	
TOTAL				280.3	

25000500 PHOSPHORUS FERTILIZER NUTRIENT					
LOCATION				POUND	REMARKS
I-74					
361+82.82	TO	365+20.08	LT/RT	19.5	
PINECREST					
51+95.54	TO	55+14.27	RT	25.9	
52+41.33	TO	55+17.06	LT	10.8	
55+57.63	TO	59+55.14	LT	28.5	
55+47.72	TO	59+33.64	RT	48.1	
60+51.01	TO	65+00.20	RT	65.4	
60+79.25	TO	65+49.67	LT	22.9	
64+58.83	TO	67+84.06	RT	39.1	
66+01.56	TO	67+91.93	LT	2.9	
RAMP A					
18+18.79	TO	20+44.18	RT	2.1	
RAMP B					
01+25.00	TO	02+24.37	LT	3.1	
01+25.00	TO	02+24.19	RT	2.9	
RAMP C					
12+41.02	TO	18+00.00	LT	0.5	
12+41.02	TO	18+00.00	RT	8.6	
TOTAL				280.3	

25000600 POTASSIUM FERTILIZER NUTRIENT					
LOCATION				POUND	REMARKS
I-74					
361+82.82	TO	365+20.08	LT/RT	19.5	
PINECREST					
51+95.54	TO	55+14.27	RT	25.9	
52+41.33	TO	55+17.06	LT	10.8	
55+57.63	TO	59+55.14	LT	28.5	
55+47.72	TO	59+33.64	RT	48.1	
60+51.01	TO	65+00.20	RT	65.4	
60+79.25	TO	65+49.67	LT	22.9	
64+58.83	TO	67+84.06	RT	39.1	
66+01.56	TO	67+91.93	LT	2.9	
RAMP A					
18+18.79	TO	19+00.00	RT	2.1	
RAMP B					
01+25.00	TO	02+24.37	LT	3.1	
01+25.00	TO	02+24.19	RT	2.9	
RAMP C					
12+41.02	TO	18+00.00	LT	0.5	
12+41.02	TO	18+00.00	RT	8.6	
TOTAL				280.3	

MODEL: D:\p1\17-2009_04 Pinecrest Struct. Replace PHN\CADD\CADD Sheets\0468894-19-Schedule.dgn
 FILE NAME: 202371031600100_117-2009_04 Pinecrest Struct. Replace PHN\CADD\CADD Sheets\0468894-19-Schedule.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	19
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

25000750 MOWING				
LOCATION			ACRE	REMARKS
RAMP A				
06+08.89	TO	19+00.00	RT/LT	3.34
RAMP B				
02+24.19	TO	11+40.14	RT/LT	2.08
RAMP C				
06+27.99	TO	16+00.00	RT/LT	2.68
RAMP D				
01+25.00	TO	10+39.02	RT/LT	2.29
I-74				
354+74.86	TO	363+00.00	RT	1.08
364+25.05	TO	371+92.84	RT	0.92
345+37.02	TO	361+81.95		3.63
365+25.00	TO	381+25.00		3.46
354+32.58	TO	362+75.10	LT	1.05
364+00.10	TO	373+19.83	LT	0.91
TOTAL			21.44	USE 21.5

25100115 MULCH, METHOD 2				
LOCATION			ACRE	REMARKS
I-74				
361+82.82	TO	365+20.08	LT/RT	0.217
PINECREST				
51+95.54	TO	55+14.27	RT	0.288
52+41.33	TO	55+17.06	LT	0.120
55+57.63	TO	58+63.77	LT	0.230
55+47.72	TO	58+63.51	RT	0.456
61+34.81	TO	65+00.20	RT	0.639
61+77.77	TO	65+49.67	LT	0.190
64+58.83	TO	67+84.06	RT	0.434
66+01.56	TO	67+91.93	LT	0.032
RAMP A				
18+18.79	TO	19+00.00	RT	0.023
RAMP B				
01+25.00	TO	02+24.37	LT	0.034
01+25.00	TO	02+24.19	RT	0.032
RAMP C				
12+41.02	TO	18+00.00	LT	0.006
12+41.02	TO	18+00.00	RT	0.096
TOTAL			2.797	USE 3

25100635 HEAVY DUTY EROSION CONTROL BLANKET				
LOCATION			SQ YD	REMARKS
PINECREST				
58+37.10	TO	59+33.64	RT	382.1
58+63.77	TO	59+55.14	LT	424.2
60+51.01	TO	61+51.10	RT	446.8
60+79.25	TO	61+77.77	LT	323.6
TOTAL			1576.7	

28000250 TEMPORARY EROSION CONTROL SEEDING				
LOCATION			POUND	REMARKS
I74/PINECREST/RAMPS				
DISTURBED AREA			3 ACRES	3 APPLICATIONS
TOTAL			915.0	

28000305 TEMPORARY DITCH CHECKS				
LOCATION			FOOT	REMARKS
I-74 (3 INSTALLATIONS)				
361+81.95	TO	362+31.88		60.0
362+31.88	TO	362+93.53		30.0
363+99.58	TO	365+07.58		30.0
365+07.58	TO	365+07.58	LT	180.0
TOTAL			300.0	LT OF WB LANES

28000400 PERIMETER EROSION BARRIER				
LOCATION			FOOT	REMARKS
PINECREST				
52+30.77	TO	54+99.63	RT	441.9
52+41.46	TO	55+88.50	LT	644.9
55+53.23	TO	59+58.56	LT	781.6
55+84.76	TO	59+24.01	RT	447.8
60+90.98	TO	65+44.59	LT	547.8
61+00.81	TO	64+74.20	RT	544.2
66+06.58	TO	67+80.86	LT	246.5
65+50.66	TO	67+46.20	RT	413.7
BRIDGE TOTAL			4068.4	
RAMP A				
18+18.79	TO	20+44.21	RT	305.1
RAMP C				
12+40.98	TO	16+00.00	RT	371.8
ROADWAY TOTAL			676.9	

28000500 INLET AND PIPE PROTECTION				
LOCATION	OFFSET	LT/RT	EACH	REMARKS
PINECREST				
53+01.10	104.36'	RT	1.0	
56+51.63	220.76'	RT	1.0	
61+60.94	310.06'	RT	1.0	
I-74				
365+07.58	3.89'	LT	1.0	
TOTAL			4.0	

28000510 INLET FILTERS				
LOCATION	OFFSET	LT/RT	EACH	REMARKS
PINECREST				
63+79.98	4.58	LT	1.0	PROP. INLET
64+39.97	4.58	LT	1.0	PROP. INLET
64+49.99	4.87	LT	1.0	EXIST. INLET
67+55.34	5.36	LT	1.0	EXIST. INLET
TOTAL			4.0	

28100125 STONE RIPRAP, CLASS B3				
LOCATION			SQ YD	REMARKS
PINECREST				
52+11.15	129.70'	RT	11.1	10' x 10'
55+07.45	181.27'	LT	11.1	10' x 10'
55+15.34	160.81'	RT	11.1	10' x 10'
55+66.45	142.20'	RT	11.1	10' x 10'
58+19.33	61.16'	RT	11.1	10' x 10'
58+40.70	44.96'	LT	11.1	10' x 10'
61+72.40	61.05'	RT	11.1	10' x 10'
61+95.90	44.96'	LT	11.1	10' x 10'
64+90.25	146.47'	RT	11.1	10' x 10'
65+49.84	135.34'	RT	11.1	10' x 10'
67+62.49	88.88'	RT	11.1	10' x 10'
TOTAL			122.1	

28200200 FILTER FABRIC				
LOCATION			SQ YD	REMARKS
PINECREST				
52+11.15	129.70'	RT	11.1	10' x 10'
55+07.45	181.27'	LT	11.1	10' x 10'
55+15.34	160.81'	RT	11.1	10' x 10'
55+66.45	142.20'	RT	11.1	10' x 10'
58+19.33	61.16'	RT	11.1	10' x 10'
58+40.70	44.96'	LT	11.1	10' x 10'
61+72.40	61.05'	RT	11.1	10' x 10'
61+95.90	44.96'	LT	11.1	10' x 10'
64+90.25	146.47'	RT	11.1	10' x 10'
65+49.84	135.34'	RT	11.1	10' x 10'
67+62.49	88.88'	RT	11.1	10' x 10'
TOTAL			122.1	

30300106 AGGREGATE SUBGRADE IMPROVEMENT 6"				
LOCATION			SQ YD	REMARKS
PINECREST				
52+23.84	TO	54+66.42	RT	270.6
55+64.25	TO	58+62.87	RT	332.7
61+31.91	TO	64+74.52	RT	394.1
65+80.54	TO	67+52.09	RT	204.0
TOTAL			1201.4	

30300112 AGGREGATE SUBGRADE IMPROVEMENT 12"				
LOCATION			SQ YD	REMARKS
PINECREST				
51+78.14	TO	53+75.00	RT	255.5
52+21.30	TO	53+75.00	LT	449.5
53+75.00	TO	58+48.53	LT/RT	5193.7
58+48.53	TO	58+79.34	LT/RT	152.0
61+38.58	TO	61+69.42	LT/RT	152.1
61+69.42	TO	67+89.52	LT/RT	6113.2
68+27.79	TO	69+00.00	LT/RT	62.4
RAMP A - BRIDGE				
19+00.00	TO	20+44.18		195.6
RAMP B - BRIDGE				
01+25.00	TO	02+24.20		369.7
RAMP C - BRIDGE				
16+00.00	TO	18+00.00		979.9
BRIDGE TOTAL			13923.6	
RAMP A				
18+18.79	TO	19+00.00	LT/RT	29.0
RAMP A				
12+47.61	TO	16+00.00	LT	113.0
ROADWAY TOTAL			142.0	

35300400 PORTLAND CEMENT CONCRETE BASE COURSE 9"				
LOCATION			SQ YD	REMARKS
PINECREST				
52+07.33	TO	52+38.09	LT	73.6
BRIDGE TOTAL			73.6	
RAMP A				
18+18.79	TO	1900	LT/RT	29.0
RAMP C				
12+47.61	TO	1600	RT	113.0
ROADWAY TOTAL			142.0	

MODEL: D:\p1\177-2009-04 Pinecrest Struct Replace PHN\CADD\CADD Sheets\ID68894-Ph-Schedule.dgn
 FILE NAME: 3/23/2010 6:23:16 PM 177-2009-04 Pinecrest Struct Replace PHN\CADD\CADD Sheets\ID68894-Ph-Schedule.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	20
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

40600275 BITUMINOUS MATERIALS (PRIME COAT)					
LOCATION				POUND	REMARKS
PINECREST					
52+23.84	TO	54+66.42	RT	608.8	MULTI-USE PATH
55+64.25	TO	58+62.87	RT	748.5	MULTI-USE PATH
61+31.91	TO	64+74.52	RT	886.7	MULTI-USE PATH
65+80.54	TO	67+52.09	RT	459.0	MULTI-USE PATH
TOTAL				2703.0	

40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50					
LOCATION				TON	REMARKS
RAMP A					
18+00.00	TO	19+00.00		11.0	BUILDUP
06+58.97	TO	19+00.00		126.0	OVERLAY
06+08.97	TO	06+58.97	LT/RT	9.4	BUTT JOINT
RAMP B					
02+24.20	TO	08+38.23		59.5	OVERLAY
RAMP C					
06+78.12	TO	16+00.00		117.1	OVERLAY
06+28.12	TO	06+78.12	LT/RT	9.3	BUTT JOINT
RAMP D					
01+24.40	TO	08+18.92		93.2	OVERLAY
TOTAL				425.5	

42000401 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)					
LOCATION				SQ YD	REMARKS
PINECREST					
51+78.14	TO	52+09.51	RT	34.9	NE CAPITOL RADIUS
52+25.77	TO	53+75.00	LT	254.6	SB DRIVE LANE
53+75.00	TO	58+48.53	LT/RT	3385.4	SOUTH OF BRIDGE
61+69.42	TO	67+75.00	LT/RT	3975.4	NORTH OF BRIDGE
68+27.79	TO	68+49.84	LT/RT	18.0	AROUND MEDIAN
RAMP A - BRIDGE					
19+00.00	TO	20+44.18	LT/RT	426.1	
RAMP B - BRIDGE					
01+25.00	TO	02+24.20	LT/RT	175.1	
RAMP C - BRIDGE					
16+00.00	TO	18+00.00	LT/RT	711.1	
TOTAL				8980.6	

40600290 BITUMINOUS MATERIALS (TACK COAT)					
LOCATION				POUND	REMARKS
PINECREST PRE-STAGE					
55+81.49	TO	58+84.62	RT	372.9	
61+13.47	TO	65+18.77	RT	620.1	
65+34.60	TO	67+88.45	RT	404.9	
PINECREST					
51+49.63	TO	52+38.09	LT	296.4	HIGH POINT LN.
I-74					
352+96.81	TO	372+62.45	RT	3145.0	OUTSIDE SHOULDER
345+37.50	TO	381+25.00	RT	3444.0	INSIDE SHOULDER
353+71.81	TO	374+88.84	LT	3480.3	OUTSIDE SHOULDER
345+75.00	TO	379+00.00	LT	3192.0	INSIDE SHOULDER
BRIDGE TOTAL				14955.6	
RAMP A					
06+58.97	TO	19+00.00	LT/RT	3240.9	OVERLAY
06+58.97	TO	19+00.00	LT	778.6	SHOULDER
06+58.97	TO	19+00.00	RT	1191.6	SHOULDER
06+08.97	TO	06+58.97	LT/RT	241.4	BUTT JOINT
RAMP B					
02+24.20	TO	08+38.23	LT/RT	1529.5	OVERLAY
02+24.21	TO	08+88.22	LT	488.8	SHOULDER
02+24.19	TO	11+40.23	RT	951.5	SHOULDER
RAMP C					
06+78.12	TO	16+00.00	LT/RT	3012.2	OVERLAY
06+78.12	TO	16+00.00	LT	593.9	SHOULDER
06+78.12	TO	16+00.00	RT	888.7	SHOULDER
06+28.12	TO	06+78.12	LT/RT	238.9	BUTT JOINT
RAMP D					
01+24.40	TO	08+18.92	LT/RT	2395.8	OVERLAY
01+24.40	TO	08+68.48	LT	496.9	SHOULDER
01+24.40	TO	08+57.37	RT	711.0	SHOULDER
ROADWAY TOTAL				16759.7	

40604090 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N30					
LOCATION				TON	REMARKS
PINECREST					
52+23.84	TO	54+66.42	RT	45.5	
55+64.25	TO	58+62.87	RT	55.9	
61+31.91	TO	64+74.52	RT	66.2	
65+80.54	TO	67+52.09	RT	34.3	
TOTAL				201.9	

42400410 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH					
LOCATION				SQ FT	REMARKS
PINECREST					
51+93.40	TO	52+23.86	RT	272.0	
54+65.81	TO	54+84.25	RT	137.5	
55+45.35	TO	55+64.80	RT	184.4	
64+74.43	TO	64+95.55	RT	199.2	
65+73.34	TO	65+87.29	RT	94.8	
67+51.96	TO	67+80.46	RT	347.5	
TOTAL				1235.4	

40604172 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70					
LOCATION				TON	REMARKS
PINECREST					
51+49.63	TO	52+38.09	LT	34.6	HIGH POINT LN.
BRIDGE TOTAL				34.6	
RAMP A					
06+58.97	TO	19+00.00		189.1	OVERLAY
06+08.97	TO	06+58.97		14.1	BUTT JOINT
RAMP B					
02+24.20	TO	08+38.98		89.3	
RAMP C					
06+78.12	TO	16+00.00		175.7	OVERLAY
06+28.12	TO	06+78.12	LT/RT	13.9	BUTT JOINT
RAMP D					
01+24.40	TO	08+18.92		139.8	
ROADWAY TOTAL				621.9	

42400800 DETECTABLE WARNINGS					
LOCATION				SQ FT	REMARKS
PINECREST					
51+94.19			RT	27.8	
54+70.87			RT	26.7	
55+45.80			RT	21.9	
64+85.85			RT	24.3	
65+32.10			RT	20.3	
65+36.24			RT	22.8	
65+75.57			RT	19.4	
67+71.00			RT	24.8	
TOTAL				188.0	

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT					
LOCATION				SQ YD	REMARKS
RAMP A					
06+08.97	TO	06+58.97	LT/RT	167.7	
RAMP C					
06+28.12	TO	06+78.12	LT/RT	165.5	
TOTAL				333.2	

42000080 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB					
LOCATION				SQ YD	REMARKS
PINECREST					
58+48.53	TO	58+82.18	LT/RT	169.0	SOUTH CONNECTOR
61+35.75	TO	61+69.42	LT/RT	169.1	NORTH CONNECTOR
TOTAL				338.1	

44000100 PAVEMENT REMOVAL					
LOCATION				SQ YD	REMARKS
PINECREST					
52+25.77	TO	53+75.00	LT	408.5	
53+75.00	TO	58+07.99		3730.8	
62+08.17	TO	67+75.00		3563.4	
68+27.85	TO	68+49.84		18.0	NOSE OF MEDIAN
RAMP A - BRIDGE					
19+00.00	TO	20+44.18		238.3	
TOTAL				7959.0	

40602985 HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70					
LOCATION				TON	REMARKS
RAMP A					
18+60.56	TO	19+00.00	LT/RT	4.3	VAR DEPTH BUILD-UP
TOTAL				4.3	

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"					
LOCATION				SQ YD	REMARKS
PINECREST					
51+91.28	TO	52+38.09	LT	143.0	HIGH POINT LN
TOTAL				143.0	

MODEL: D:\p1\2023\371016\371016.dwg; FILE NAME: S:\371016\371016.dwg; USER: PHILIP.CADD; DATE: 3/18/2020



USER NAME = bmwaghoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES**

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	21
			CONTRACT NO. 68894	
		ILLINOIS	FED. AID PROJECT	

44000159 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"					
LOCATION				SQ YD	REMARKS
RAMP A					
06+58.99	TO	18+00.00	RT	792.6	
06+58.97	TO	18+00.00	LT	587.2	
RAMP B					
02+24.21	TO	08+38.23	LT	300.7	
02+24.20	TO	08+38.23	RT	438.1	
RAMP C					
06+78.12	TO	16+00.00	LT	446.3	
06+78.12	TO	12+41.39	RT	403.3	
RAMP D					
01+24.40	TO	08+18.69	LT	361.6	
01+24.40	TO	08+18.92	RT	500.2	
				TOTAL	3830.0

44000165 HOT-MIX ASPHALT SURFACE REMOVAL, 4"					
LOCATION				SQ YD	REMARKS
PINECREST PRE STAGE					
55+81.50	TO	58+84.60	RT	259.0	SHOULDERS
61+14.00	TO	65+13.90	RT	1898.6	SHOULDERS
65+43.70	TO	67+85.00	RT	281.2	SHOULDERS
				TOTAL	2438.8

44000169 HOT-MIX ASPHALT SURFACE REMOVAL, 5"					
LOCATION				SQ YD	REMARKS
RAMP B					
08+87.79	TO	11+40.23	RT	167.5	SHOULDERS
RAMP D					
08+68.43	TO	10+39.10	RT	122.9	SHOULDERS
				TOTAL	290.4

44000173 HOT-MIX ASPHALT SURFACE REMOVAL, 6"					
LOCATION				SQ YD	REMARKS
I-74					
352+96.81	TO	372+62.45	LT	2184.0	EB - OUTSIDE SHOULDER
345+37.50	TO	381+25.00	LT	2391.7	EB - INSIDE SHOULDER
353+71.81	TO	374+88.84	LT	2347.8	WB - OUTSIDE SHOULDER
					OMIT PATCH 365+07.58
345+75.00	TO	379+00.00	LT	2214.0	WB - INSIDE SHOULDER
					OMIT PATCH 365+07.58
				TOTAL	9137.5

44000500 COMBINATION CURB AND GUTTER REMOVAL					
LOCATION				FOOT	REMARKS
PINECREST					
51+81.66	TO	52+22.07	RT	125.2	AT CAPITOL DR.
54+07.66	TO	55+27.10	LT/RT	247.9	CENTER MEDIAN
54+65.65	TO	55+16.49	LT	144.4	ISLAND RAMP C
66+53.25	TO	66+76.60	LT/RT	251.5	CENTER MEDIAN
68+31.53	TO	69+00.00	LT/RT	140.9	CENTER MEDIAN
				TOTAL	909.9

44004000 PAVED DITCH REMOVAL					
LOCATION				FOOT	REMARKS
I-74					
363+92.50		36507.58	LT	150.0	NE QUADRANT
				TOTAL	150.0

44004250 PAVED SHOULDER REMOVAL					
LOCATION				SQ YD	REMARKS
PINECREST					
52+14.19	TO	55+49.24	RT	396.3	
52+07.34	TO	56+08.43	LT	525.7	
54+36.73	TO	55+21.77	LT	63.1	ISLAND
54+60.49	TO	55+26.80	RT	49.8	ISLAND
55+64.37	TO	58+84.62	RT	420.4	
56+30.07	TO	58+99.37	LT	525.0	
61+13.47	TO	65+01.05	RT	494.6	
61+34.26	TO	65+58.46	LT	455.5	
65+14.31	TO	67+84.97	RT	336.2	
65+92.18	TO	67+92.32	LT	250.1	
				BRIDGE TOTAL	3516.7

RAMP A					
18+18.79	TO	20+44.18	RT	113.1	
19+00.00	TO	20+44.18	LT	78.9	
RAMP C					
12+41.39	TO	16+00.00	RT	248.3	
				ROADWAY TOTAL	440.3

44200964 CLASS B PATCHES, TYPE IV, 9 INCH					
LOCATION				SQ YD	REMARKS
RAMP B					
08+38.23	TO	11+40.23	LT	486.6	
RAMP D					
08+18.69	TO	10+39.02	LT	394.2	
				TOTAL	880.8

44201427 CLASS C PATCHES, TYPE II, 16 INCH					
LOCATION				SQ YD	REMARKS
I-74					
365+07.58				8.0	WB SOUTH LANE
365+07.58				9.8	WB NORTH LANE
				TOTAL	17.8

48102100 AGGREGATE WEDGE SHOULDER, TYPE B					
LOCATION				TON	REMARKS
I-74					
345+37.50	TO	361+00.00	RT	49.4	
352+96.81	TO	372+62.95	RT	62.0	
353+71.81	TO	374+88.64	LT	66.6	
362+60.45	TO	366+99.61	LT	13.9	
367+50.00	TO	381+25.00	RT	43.5	
				BRIDGE TOTAL	235.4

RAMP A					
06+58.97	TO	20+44.18	LT	21.0	
06+08.97	TO	20+44.18	RT	50.8	
RAMP B					
02+24.19	TO	11+40.23	RT	20.3	
02+24.21	TO	08+88.20	LT	21.5	
RAMP C					
06+28.12	TO	16+00.00	RT	10.2	
06+58.09	TO	16+00.00	LT	11.0	
RAMP D					
01+24.40	TO	10+39.10	RT	32.6	
01+24.40	TO	08+68.48	LT	22.3	
				ROADWAY TOTAL	189.7

48203100 HOT-MIX ASPHALT SHOULDERS					
LOCATION				TON	REMARKS
PINECREST PRE-STAGE					
55+81.49	TO	58+84.62	RT	58.0	
61+13.47	TO	65+18.77	RT	96.5	
65+34.60	TO	67+88.45	RT	63.0	
I-74					
345+37.50	TO	381+25.00		1537.4	EB
345+75.00	TO	379+00.00		1556.9	WB
				BRIDGE TOTAL	3311.8

RAMP A					
06+58.97	TO	19+00.00	LT/RT	383.1	
RAMP B					
02+24.19	TO	11+40.14	LT/RT	271.6	
RAMP C					
06+78.12	TO	16+00.00	LT/RT	288.3	
RAMP D					
01+24.40	TO	10+39.01	LT/RT	268.7	
				ROADWAY TOTAL	1211.7

48300400 PORTLAND CEMENT CONCRETE SHOULDERS 9"					
LOCATION				SQ YD	REMARKS
PINECREST					
52+12.20	TO	55+49.06	RT	288.1	
52+38.09	TO	56+05.74	LT	454.7	
53+83.49	TO	54+75.27	LT	60.6	
55+33.55	TO	58+48.53	RT	319.5	
55+36.08	TO	58+48.53	LT	406.1	
61+69.42	TO	65+01.29	RT	281.8	
61+69.42	TO	65+59.27	LT	424.8	
65+26.63	TO	67+84.06	RT	269.5	
65+92.15	TO	67+91.93	LT	241.8	
				TOTAL	2746.9

54244805 INLET BOX, STANDARD 542501					
LOCATION				EACH	REMARKS
I-74					
365+07.58		7.8'	LT	1.0	
				TOTAL	1.0

54260315 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION					
LOCATION				FOOT	REMARKS
I-74					
365+07.58		60.6'	LT	11.2	
				TOTAL	11.2

54261424 CONCRETE END SECTION, STANDARD 542001, 24", 1:4					
LOCATION				EACH	REMARKS
I-74					
365+07.58		60.6'	LT	1.0	
				TOTAL	1.0

542A1069 PIPE CULVERTS, CLASS A, TYPE 2 24"					
LOCATION				FOOT	REMARKS
I-74					
365+07.58			LT	52.8	
				TOTAL	52.8

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replacem_Plan\CADD\CADD Sheets\048894-Plan-Schedule.dgn
 FILE NAME: 3/18/2020 3:27:30 PM 177-2009_04_Pinecrest_Struct_Replacem_Plan\CADD\CADD Sheets\048894-Plan-Schedule.dgn

550A0050 STORM SEWERS, CLASS A, TYPE 1 12"				
LOCATION			FOOT	REMARKS
PINECREST				
63+79.98	TO	64+39.97	60	
64+39.97		LT/RT	30	
TOTAL			90.0	

55100500 STORM SEWER REMOVAL 12"				
LOCATION			FOOT	REMARKS
PINECREST				
64+45.07		10.17' RT	31.7	
TOTAL			31.7	

59300100 CONTROLLED LOW-STRENGTH MATERIAL				
LOCATION			CU YD	REMARKS
I-74				
365+07.58			14.4	OVER CULVERT
TOTAL			14.4	

60100060 CONCRETE HEADWALLS FOR PIPE DRAINS				
LOCATION			EACH	REMARKS
PINECREST				
58+57.68		51.12' RT	1.0	
58+83.74		36.25' LT	1.0	
61+29.94		51.06' RT	1.0	
61+55.71		35.33' LT	1.0	
TOTAL			4.0	

60108100 PIPE UNDERDRAINS 4" (SPECIAL)				
LOCATION			FOOT	REMARKS
PINECREST				
58+58.82		31.58 RT	20.3	
58+82.60		32.4' LT	4.0	
61+31.08		31.6' RT	20.4	
61+54.57		31.5' LT	4.0	
TOTAL			48.7	

60255800 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID				
LOCATION			EACH	REMARKS
PINECREST				
52+13.58		53.39' LT	1.0	
64+40.35		25.24' RT	1.0	
67+45.13		26.18' RT	1.0	
TOTAL			3.0	

60260505 INLETS TO BE ADJUSTED WITH NEW TYPE 3V FRAME AND GRATE				
LOCATION			EACH	REMARKS
PINECREST				
67+55.42		4.53' LT	1.0	
TOTAL			1.0	

60500060 REMOVING INLETS				
LOCATION			EACH	REMARKS
PINECREST				
58+87.10		31.0' RT	1.0	
59+04.57		31.0' LT	1.0	
61+11.34		31.1' RT	1.0	
61+28.91		30.7' LT	1.0	
64+49.99		4.87' LT	1.0	
TOTAL			5.0	

60600095 CLASS SI CONCRETE (OUTLET)					
LOCATION				CU YD	REMARKS
PINECREST					
51+84.52	TO	52+11.16	RT	3.6	
55+07.45	TO	55+08.55	LT	3.6	
55+15.31	TO	55+15.34	RT	3.6	
55+42.21	TO	55+65.37	RT	3.6	
58+18.24	TO	58+59.71	RT	3.6	
58+39.70	TO	58+82.60	LT	3.6	
61+31.08	TO	61+73.56	RT	3.6	
61+54.61	TO	61+96.90	LT	3.6	
64+90.25	TO	65+07.57	RT	3.6	
65+49.84	TO	65+51.02	RT	3.6	
67+63.36	TO	67+83.90	RT	3.6	
TOTAL				39.2	

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12					
LOCATION				FOOT	REMARKS
PINECREST					
53+23.23	TO	55+30.12	LT/RT	418.5	MEDIAN
54+83.11	TO	55+14.87	LT	116.3	ISLAND
65+54.48	TO	66+76.24	LT/RT	250.8	MEDIAN
68+31.47	TO	69+00.00	LT/RT	141.3	MEDIAN
TOTAL				926.9	

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24					
LOCATION				FOOT	REMARKS
CAPITOL DR					
01+26.30	TO	01+44.69	LT	17.7	
PINECREST					
51+86.52	TO	55+13.45	RT	397.1	
55+44.14	TO	58+48.53	RT	364.9	
61+69.42	TO	65+05.87	RT	407.4	
65+50.52	TO	67+82.07	RT	284.4	
TOTAL				1471.5	

60608300 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12					
LOCATION				FOOT	REMARKS
PINECREST					
54+91.72	TO	55+14.19	RT	61.0	ISLAND
TOTAL				61.0	

60608521 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24					
LOCATION				FOOT	REMARKS
PINECREST					
53+62.17	TO	55+06.62	LT	197.6	
TOTAL				197.6	

60618300 CONCRETE MEDIAN SURFACE, 4 INCH					
LOCATION				SQ FT	REMARKS
PINECREST					
53+23.29	TO	55+23.46	LT/RT	1901.7	MEDIAN
54+83.98	TO	55+14.14	LT	570.0	ISLAND
54+92.30	TO	55+13.61	RT	175.3	ISLAND
65+60.70	TO	66+76.18	LT/RT	1191.2	MEDIAN
TOTAL				3838.2	

60619600 CONCRETE MEDIAN, TYPE SB-6.12					
LOCATION				SQ FT	REMARKS
PINECREST					
53+00.26	TO	53+23.29	RT	137.1	MEDIAN
56+02.48	TO	58+48.53	LT/RT	1444.9	MEDIAN
61+69.42	TO	63+92.00	LT	1327.8	MEDIAN
65+29.36	TO	65+50.36	RT	264.8	ISLAND
66+76.18	TO	67+64.29	LT	522.4	MEDIAN
TOTAL				3697.0	

60622000 CONCRETE MEDIAN, TYPE SM-2.12					
LOCATION				SQ FT	REMARKS
PINECREST					
51+99.77	TO	53+00.51	RT	562.7	
63+92.00	TO	64+53.90	LT	313.1	
TOTAL				875.8	

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS					
LOCATION				FOOT	REMARKS
PINECREST					
61+76.32	TO	62+77.99	LT	100.0	
TOTAL				100.0	

63000035 BACK SIDE PROTECTION OF GUARDRAIL					
LOCATION				FOOT	REMARKS
PINECREST					
58+26.61	TO	58+64.11	RT	37.5	
TOTAL				37.5	

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6					
LOCATION				EACH	REMARKS
PINECREST					
58+26.61	TO	58+64.11	RT	1.0	
61+38.82	TO	61+76.32	LT	1.0	
TOTAL				2.0	

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT					
LOCATION				EACH	REMARKS
PINECREST					
57+76.61	TO	58+26.61	RT	1.0	LENGTH OF NEED = STA. 57+89
TOTAL				1.0	

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED					
LOCATION				EACH	REMARKS
PINECREST					
62+77.99	TO	63+30.17	LT	1.0	LENGTH OF NEED = STA. 63+17
TOTAL				1.0	

63200310 GUARDRAIL REMOVAL					
LOCATION				FOOT	REMARKS
PINECREST					
57+40.83	TO	59+04.51		164.0	32.4' RT
61+11.88	TO	62+77.25		164.7	30.1' LT
I-74 - WB					
362+96.43	TO	366+67.00		370.6	13.0' LT
363+41.91	TO	366+74.61		332.7	55.1' LT
I-74 - EB					
360+30.58	TO	363+40.29		309.8	56.2' RT
360+19.82	TO	363+85.13		365.3	14.2' RT
TOTAL				1707.1	

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replacem_PhuCADD\CADD_Sheets\I-74-EB-RT-Schedule.dgn
 FILE NAME: S:\27\177-2009_04_Pinecrest_Struct_Replacem_PhuCADD\CADD_Sheets\I-74-EB-RT-Schedule.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES**

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	23
CONTRACT NO. 68894				
ILLINOIS		FED. AID PROJECT		

63301210 REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION			FOOT	REMARKS
I-74				
365+07.58	55'	LT	12.5	OUTSIDE SHOULDER
365+07.58	13'	LT	12.5	INSIDE SHOULDER
TOTAL			25.0	

64200116 SHOULDER RUMBLE STRIPS, 16 INCH				
LOCATION			FOOT	REMARKS
I-74				
352+96.81	TO 372+62.45	RT	1965.6	OUTSIDE SHOULDER
345+37.50	TO 381+25.00	RT	3587.5	INSIDE SHOULDER
353+71.81	TO 374+88.84	LT	2117.0	OUTSIDE SHOULDER
345+75.00	TO 379+00.00	LT	3325.0	INSIDE SHOULDER
TOTAL			10995.1	

64300450 IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3				
LOCATION			EACH	REMARKS
I-74				
363+11.01			1.0	WEST END OF PIER
363+82.10			1.0	EAST END OF PIER
TOTAL			2.0	

64301090 ATTENUATOR BASE				
LOCATION			SQ YD	REMARKS
I-74				
362+78.53	TO 363+11.75		27.3	WEST END OF PIER
363+81.37	TO 364+14.58		27.3	EAST END OF PIER
TOTAL			54.6	

64401100 HIGH TENSION CABLE MEDIAN BARRIER				
LOCATION			FOOT	REMARKS
I-74				
361+50.00	TO 367+00.00		550.0	
TOTAL			550.0	

64401300 HIGH TENSION CABLE MEDIAN BARRIER TERMINALS				
LOCATION			EACH	REMARKS
I-74				
361+00.00	TO 361+50.00		1.0	
367+00.00	TO 367+50.00		1.0	
TOTAL			2.0	

66700205 PERMANENT SURVEY MARKERS, TYPE I				
LOCATION			EACH	REMARKS
PINECREST				
61+02.55	44.06'	RT	1.0	NE BRIDGE WINGWALL
TOTAL			1.0	

70107005 PAVEMENT MARKING BLACKOUT TAPE, 5"				
LOCATION			FOOT	REMARKS
I-74 WB				
345+00.00	TO 381+25.00	RT	7379.4	SOLID LINE
345+00.00	TO 381+25.00	RT	906.3	SKIP DASH
I-74 EB				
345+25.00	TO 381+25.00	LT	7006.5	SOLID LINE
345+25.00	TO 381+25.00	LT	843.8	SKIP DASH
TOTAL			16136.0	

70107007 PAVEMENT MARKING BLACKOUT TAPE, 7"					
LOCATION			FOOT	REMARKS	
I-74 WB					
346+56.30	TO 349+88.70	RT	83.1	SKIP DASH	
378+32.80	TO 381+25.00	RT	73.0	SKIP DASH	
349+88.70	TO 352+97.30	RT	308.6	SOLID LINE	
349+88.70	TO 352+96.60	RT	306.6	SOLID LINE	
372+61.40	TO 378+32.80	RT	571.4	SOLID LINE	
372+64.10	TO 378+26.00	RT	562.6	SOLID LINE	
I-74 EB					
345+25.00	TO 349+97.60	RT	118.2	SKIP DASH	
378+73.40	TO 381+66.00	RT	73.1	SKIP DASH	
349+97.60	TO 353+72.50	RT	374.9	SOLID LINE	
349+97.60	TO 353+70.80	RT	373.7	SOLID LINE	
374+89.40	TO 378+73.40	RT	384.1	SOLID LINE	
374+87.30	TO 378+72.70	RT	386.0	SOLID LINE	
TOTAL			3615.3		

70107025 CHANGEABLE MESSAGE SIGN				
LOCATION			CAL DA	REMARKS
I-74	2 SIGNS		50.0	25 DAYS
TOTAL			50.0	

70300150 SHORT TERM PAVEMENT MARKING REMOVAL				
LOCATION			SQ FT	REMARKS
I-74 STAGE B1	4"		2074.5	6223'
I-74 STAGE B1	8"		48.9	73'
I-74 STAGE B2	4"		1864.6	5594'
I-74 STAGE B2	8"		29.0	44'
I-74 STAGE 1	4"		7972.8	23918'
I-74 STAGE 1	8"		162.5	244'
I-74 STAGE 2	4"		8281.5	24844'
I-74 STAGE 2	8"		137.5	206'
PINECREST STAGE 1	4"		2959.4	8878'
PINECREST STAGE 1	12"		402.5	403'
PINECREST STAGE 1	24"		369.8	185'
PINECREST STAGE 2	4"		2904.2	8713'
PINECREST STAGE 2	24"		498.8	249'
TOTAL			27706.0	

70300220 TEMPORARY PAVEMENT MARKING - LINE 4"						
LOCATION			FOOT	REMARKS		
I-74 STAGE B1						
357+53.50	TO 384+90.00	LT	3486.1	SOLID WHITE		
357+53.50	TO 384+90.00	LT	2737.3	SOLID YELLOW		
I-74 STAGE B2						
358+93.50	TO 383+50.00	LT	3137.1	SOLID WHITE		
358+93.50	TO 383+50.00	LT	2456.6	SOLID YELLOW		
I-74 STAGE 1						
345+25.00	TO 381+66.00	LT	7943.8	SOLID WHITE		
345+25.00	TO 381+66.00	LT	3537.0	SOLID YELLOW		
345+00.00	TO 381+25.00	RT	8698.2	SOLID WHITE		
345+00.00	TO 381+25.00	RT	3739.3	SOLID YELLOW		
I-74 STAGE 2						
345+75.00	TO 381+53.70	LT	7949.9	SOLID WHITE		
345+75.00	TO 381+53.70	LT	3612.2	SOLID YELLOW		
345+37.50	TO 381+25.00	RT	9302.4	SOLID WHITE		
345+37.50	TO 381+25.00	RT	3979.9	SOLID YELLOW		
PINECREST STAGE 1						
45+00.00	TO 48+47.80	LT/RT	390.2	SOLID YELLOW		
48+25.20	TO 50+95.80	RT	267.0	SOLID WHITE		
48+69.70	TO 49+60.70	LT/RT	217.3	SOLID YELLOW		
48+82.10	TO 51+91.60	LT/RT	369.7	SOLID WHITE		
49+79.40	TO 50+13.20	LT/RT	93.9	SOLID YELLOW		
50+28.60	TO 50+95.90	RT	143.9	SOLID YELLOW		
50+95.20	TO 52+57.60	RT	143.7	DOTTED DBL YELLOW		
50+95.80	TO 52+57.50	RT	39.9	DOTTED WHITE		
51+36.50	TO 52+47.40	RT	27.7	DOTTED WHITE		
51+78.10	TO 52+01.40	LT	156.8	SOLID DBL YELLOW		
52+19.20	TO 55+14.30	LT/RT	494.6	SOLID WHITE		
52+57.60	TO 54+92.00	RT	468.0	SOLID DBL YELLOW		
52+57.50	TO 53+93.80	RT	156.4	SOLID WHITE		
54+14.70	TO 54+84.50	RT	17.4	SOLID WHITE		
54+62.70	TO 55+18.20	LT/RT	242.0	SOLID WHITE		
54+84.50	TO 55+17.90	RT	86.1	SOLID WHITE		
54+92.00	TO 56+01.30	RT	54.6	DOTTED DBL YELLOW		
55+17.90	TO 55+68.00	RT	12.5	DOTTED WHITE		
55+24.40	TO 55+74.40	LT/RT	165.5	SOLID YELLOW		
55+68.00	TO 64+85.50	RT	927.5	SOLID WHITE		
55+74.40	TO 65+14.10	RT	942.5	SOLID WHITE		
56+01.30	TO 64+85.50	RT	1781.0	SOLID DBL YELLOW		
64+85.50	TO 66+42.20	RT	80.4	DOTTED DBL YELLOW		
64+85.50	TO 65+26.30	RT	164.4	SOLID YELLOW		
65+14.10	TO 65+62.70	LT/RT	114.4	SOLID YELLOW		
65+14.10	TO 66+42.20	RT	32.4	DOTTED WHITE		
65+14.30	TO 67+75.00	RT	358.7	SOLID WHITE		
65+16.60	TO 65+72.90	RT	156.4	SOLID WHITE		
65+78.80	TO 67+75.00	LT/RT	267.2	SOLID WHITE		
66+42.20	TO 67+15.00	RT	149.2	SOLID DBL YELLOW		
67+15.00	TO 69+00.00	LT/RT	153.8	DOTTED DBL YELLOW		
67+75.00	TO 68+39.50	RT	16.8	DOTTED WHITE		
67+75.00	TO 69+00.00	LT/RT	31.5	DOTTED WHITE		
67+96.90	TO 68+05.30	RT	60.8	SOLID DBL YELLOW		
68+04.90	TO 68+14.10	LT	94.0	SOLID DBL YELLOW		

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USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	24
			CONTRACT NO. 68894	
		ILLINOIS	FED. AID PROJECT	

70300220 TEMPORARY PAVEMENT MARKING - LINE 4" CONTINUED				
LOCATION		FOOT	REMARKS	
PINECREST STAGE 2				
47+90.00	TO 48+48.90	LT/RT	98.2	SOLID YELLOW
47+90.00	TO 51+20.10	RT	339.6	SOLID WHITE
48+39.20	TO 48+80.50	LT/RT	18.0	DOTTED YELLOW
48+69.90	TO 49+62.30	LT/RT	210.2	SOLID YELLOW
49+53.00	TO 49+92.80	LT/RT	17.4	DOTTED YELLOW
49+82.10	TO 50+18.00	LT/RT	96.8	SOLID YELLOW
50+08.60	TO 50+40.60	LT/RT	13.5	DOTTED YELLOW
50+29.60	TO 50+88.50	LT/RT	111.2	SOLID YELLOW
50+68.20	TO 51+48.90	LT	81.9	SOLID WHITE
50+68.20	TO 53+11.10	LT	234.8	DOTTED DBL YELLOW
50+68.30	TO 52+06.90	RT	34.5	DOTTED WHITE
51+48.90	TO 52+40.70	LT	23.3	DOTTED WHITE
51+56.30	TO 51+84.20	RT	245.6	SOLID DBL YELLOW
51+77.30	TO 55+26.20	LT/RT	493.9	SOLID WHITE
51+84.90	TO 52+28.10	LT	170.8	SOLID DBL YELLOW
52+40.70	TO 54+11.90	LT	172.1	SOLID WHITE
53+11.10	TO 67+75.00	LT	2897.8	SOLID DBL YELLOW
54+11.90	TO 54+82.10	LT	17.6	DOTTED WHITE
54+50.00	TO 56+99.90	LT	62.5	DOTTED WHITE
54+82.10	TO 55+17.00	LT	34.9	SOLID WHITE
55+07.10	TO 55+29.80	LT	122.9	SOLID WHITE
55+17.00	TO 55+56.10	LT	9.8	DOTTED WHITE
55+32.50	TO 64+61.00	LT/RT	998.0	SOLID WHITE
55+56.10	TO 65+11.10	LT	943.6	SOLID WHITE
64+61.00	TO 65+13.60	LT/RT	129.1	SOLID YELLOW
64+61.00	TO 66+50.00	LT	46.6	DOTTED WHITE
65+11.10	TO 66+50.00	LT/RT	33.3	DOTTED WHITE
65+14.00	TO 65+29.40	RT	169.9	SOLID WHITE
65+42.60	TO 67+95.70	LT/RT	370.1	SOLID WHITE
66+50.00	TO 67+62.40	LT	107.7	SOLID WHITE
67+57.30	TO 68+64.60	LT/RT	27.4	DOTTED WHITE
67+62.40	TO 68+54.80	LT	22.3	DOTTED WHITE
67+75.00	TO 69+00.00	LT/RT	125.3	DOTTED DBL YELLOW
67+97.40	TO 68+13.70	RT	119.2	SOLID DBL YELLOW
68+13.20	TO 69+00.00	RT	112.8	SOLID WHITE
			TOTAL	78170.6

70300250 TEMPORARY PAVEMENT MARKING - LINE 8"				
LOCATION		FOOT	REMARKS	
I-74 STAGE B1				
378+63.30	TO 381+56.60	LT	73.3	DOTTED WHITE
I-74 STAGE B2				
378+25.90	TO 380+00.00	LT	43.5	DOTTED WHITE
I-74 STAGE 1				
346+34.20	TO 350+02.50	RT	92.1	DOTTED WHITE
349+08.80	TO 352+21.00	LT	78.0	DOTTED WHITE
378+71.20	TO 381+66.00	LT	73.7	DOTTED WHITE
I-74 STAGE 2				
346+10.30	TO 348+97.60	RT	71.8	DOTTED WHITE
348+42.40	TO 350+95.90	LT	63.4	DOTTED WHITE
378+69.40	TO 381+53.70	LT	71.1	DOTTED WHITE
			TOTAL	566.9

70300260 TEMPORARY PAVEMENT MARKING - LINE 12"				
LOCATION		FOOT	REMARKS	
PINECREST STAGE 1				
50+55.90	TO 51+77.10	LT/RT	120.4	SOLID WHITE
53+56.90	TO 54+51.50	LT/RT	74.3	SOLID WHITE
54+91.80	TO 55+17.90	RT	26.2	SOLID WHITE
55+25.20	TO 55+58.90	LT	95.9	SOLID YELLOW
55+58.90	TO 55+96.30	LT/RT	34.8	SOLID WHITE
65+26.00	TO 65+58.10	RT	50.9	SOLID WHITE
			TOTAL	402.5

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"				
LOCATION		FOOT	REMARKS	
PINECREST STAGE 1				
51+59.50	TO 51+78.10	LT	18.7	
54+14.70	TO 54+14.70	RT	11.0	
54+43.10	TO 54+62.50	LT	19.4	
54+94.50	TO 55+37.20	LT	45.5	
56+35.00	TO 56+35.00	RT	11.0	
64+32.00	TO 64+32.00	RT	11.0	
65+17.70	TO 65+26.00	RT	11.0	
65+58.10	TO 65+64.50	RT	11.0	
66+42.20	TO 66+42.20	RT	11.0	
67+93.00	TO 68+14.10	LT	21.6	
68+05.30	TO 68+17.70	RT	13.7	
PINECREST STAGE 2				
51+56.30	TO 51+95.50	RT	39.1	
51+74.20	TO 51+84.90	LT	12.8	
54+50.00	TO 54+50.00	LT	10.0	
54+69.30	TO 54+85.80	LT	23.2	
55+14.40	TO 55+41.60	LT	29.0	
56+30.00	TO 56+30.00	LT	10.0	
63+90.00	TO 63+90.00	LT	10.0	
65+00.50	TO 65+64.20	RT	72.3	
66+50.00	TO 66+50.00	LT	10.0	
67+92.10	TO 68+05.40	LT	12.5	
68+13.70	TO 68+30.30	RT	20.5	
			TOTAL	434.3

70400100 TEMPORARY CONCRETE BARRIER				
LOCATION		FOOT	REMARKS	
I-74 STAGE 1				
360+00.30	TO 366+25.00	RT	625.0	
360+75.00	TO 366+99.70	LT	625.0	
PINECREST STAGE 1				
58+57.00	TO 61+57.00	RT	300.0	
PINECREST STAGE 2				
57+37.60	TO 65+66.30	LT	450.0	
			TOTAL	2000.0

70400200 RELOCATE TEMPORARY CONCRETE BARRIER				
LOCATION		FOOT	REMARKS	
I-74 STAGE 2				
360+37.60	TO 366+25.00	RT	587.5	
360+75.00	TO 366+62.40	LT	587.5	
360+37.60	TO 366+25.00	RT	37.5	I-74 Stage 1 to Pinecrest Stage 2
360+75.00	TO 366+62.40	LT	37.5	I-74 Stage 1 to Pinecrest Stage 2
PINECREST STAGE 2				
57+37.60	TO 65+66.30	LT	300.0	Stage 1 to Pinecrest Stage 2
64+01.90	TO 65+66.30	LT	162.5	Detour/Beam removal. Shorten TCB.
64+01.90	TO 65+66.30	LT	162.5	Detour/Beam removal. Re-extend TCB.
64+01.90	TO 65+66.30	LT	162.5	Detour/Beam placement. Shorten TCB.
64+01.90	TO 65+66.30	LT	162.5	Detour/Beam placement. Re-extend TCB.
			TOTAL	2200.0

70500665 TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6				
LOCATION		EACH	REMARKS	
PINECREST				
58+44.60	TO 58+82.90	LT	1.0	STAGE 2
			TOTAL	1.0

70600241 IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2				
LOCATION		EACH	REMARKS	
PINECREST STAGE 1				
58+57.00	TO 61+57.00	RT	1.0	
61+57.00	TO 61+57.00	RT	1.0	
			TOTAL	2.0

70600250 IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3				
LOCATION		EACH	REMARKS	
I-74 STAGE 1				
360+00.30	TO 366+25.00	RT	1.0	
366+99.70	TO 366+99.70	LT	1.0	
			TOTAL	2.0

70600341 IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2				
LOCATION		EACH	REMARKS	
PINECREST STAGE 2				
57+37.60	TO 65+66.30	LT	1.0	Initial placement
65+66.30	TO 65+66.30	LT	1.0	Initial placement
64+27.20	TO 65+66.30	LT	1.0	Detour/Beam Removal. Shorten TCB.
65+66.30	TO 65+66.30	LT	1.0	Detour/Beam Removal. Re-extend TCB.
64+27.20	TO 65+66.30	LT	1.0	Detour/Beam placement. Shorten TCB.
65+66.30	TO 65+66.30	LT	1.0	Detour/Beam placement. Re-extend TCB.
			TOTAL	6.0

70600350 IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3				
LOCATION		EACH	REMARKS	
I-74 STAGE 2				
360+37.60	TO 366+25.00	RT	1.0	
366+62.40	TO 366+62.40	LT	1.0	
			TOTAL	2.0

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replace_Plan\CADD\CADD_Sheets\I-74-Sub-Structure.dgn
 FILE NAME: 3/18/2020 11:17:00 177-2009_04_Pinecrest_Struct_Replace_Plan\CADD\CADD_Sheets\I-74-Sub-Structure.dgn



USER NAME = bmrwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	25
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

72501000 TERMINAL MARKER - DIRECT APPLIED			
LOCATION		EACH	REMARKS
PINECREST			
57+76.61	RT	1.0	
63+30.17	LT	1.0	
TOTAL		2.0	

78009000 MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS				
LOCATION			SQ FT	REMARKS
PINECREST				
52+24.85	3.83'	LT	15.6	LT TURN
52+72.08	4.05'	LT	15.6	LT TURN
53+18.05	5.36'	LT	15.6	LT TURN
56+11.92	4.59'	LT	15.6	LT TURN
56+66.79	5.13'	LT	15.6	LT TURN
57+13.54	4.94'	LT	15.6	LT TURN
59+43.95	5.42'	RT	15.6	LT TURN
60+16.83	5.64'	RT	15.6	LT TURN
60+89.70	4.74'	RT	15.6	LT TURN
61+62.58	6.08'	RT	15.6	LT TURN
62+35.45	6.30'	RT	15.6	LT TURN
63+08.16	6.39'	RT	15.6	LT TURN
63+80.54	5.37'	RT	15.6	LT TURN
66+91.36	4.82'	RT	15.6	LT TURN
67+40.93	5.48'	RT	15.6	LT TURN
RAMP A - BRIDGE				
20+58.54	7.47'	RT	15.6	RT TURN
21+36.98	6.53'	RT	15.6	RT TURN
20+57.81	5.61'	LT	15.6	LT TURN
21+33.63	7.62'	LT	15.6	LT TURN
RAMP C - BRIDGE				
16+11.73	7.85'	LT	15.6	LT TURN
17+08.48	8.42'	LT	15.6	LT TURN
18+08.03	8.42'	LT	15.6	LT TURN
19+01.18	8.18'	LT	15.6	LT TURN
16+12.17	8.02'	RT	15.6	RT TURN
17+10.63	7.31'	RT	15.6	RT TURN
18+08.57	7.44'	RT	15.6	RT TURN
19+07.95	19.07'	RT	15.6	RT TURN
TOTAL			421.2	

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"					
LOCATION				FOOT	REMARKS
PINECREST					
51+30.38	TO	52+18.32	LT	120.9	SOLID WHITE
51+60.37	TO	51+84.18	RT	138.8	DOUBLE YELLOW
52+00.56	TO	54+93.90	RT	397.5	SOLID WHITE
52+06.46	TO	55+31.11	LT/RT	657.0	SOLID YELLOW
52+38.09	TO	55+22.85	LT	463.8	SOLID WHITE
52+13.50	TO	53+85.80	RT	43.1	WHITE SKIP DASH
55+03.87	TO	55+23.39	RT	56.4	SOLID WHITE
55+38.76	TO	55+36.21	RT	52.7	SOLID YELLOW
55+40.05	TO	55+61.47	RT	37.5	SOLID YELLOW
55+53.76	TO	55+47.01	LT	143.0	SOLID YELLOW
55+47.01	TO	65+11.41	LT	955.7	SOLID WHITE
55+61.47	TO	65+05.45	RT	952.5	SOLID WHITE
56+02.48	TO	64+53.92	LT/RT	1705.0	SOLID YELLOW
65+05.45	TO	65+12.41	RT	13.6	SOLID YELLOW
65+16.26	TO	65+01.29	RT	121.5	SOLID YELLOW
65+11.41	TO	65+59.27	LT	115.5	SOLID YELLOW
65+59.35	TO	65+78.04	LT	25.3	WHITE SKIP DASH
65+52.61	TO	67+64.29	LT/RT	432.3	SOLID YELLOW
65+26.63	TO	65+58.29	RT	127.8	SOLID WHITE
65+66.22	TO	67+84.06	RT	360.8	SOLID WHITE
65+92.15	TO	67+91.93	LT	289.0	SOLID WHITE
67+94.66	TO	68+00.66	RT	47.4	DOUBLE YELLOW
68+00.80	TO	68+05.83	LT	45.8	DOUBLE YELLOW
RAMP A - BRIDGE					
19+00.00	TO	20+44.18	RT	153.8	SOLID WHITE
19+00.00	TO	20+44.18	LT	130.5	SOLID YELLOW
RAMP B - BRIDGE					
01+25.00	TO	02+24.20	RT	99.2	SOLID WHITE
01+25.00	TO	02+24.20	LT	99.2	SOLID YELLOW
RAMP C - BRIDGE					
16+00.00	TO	18+00.00	RT	206.8	SOLID WHITE
16+00.00	TO	18+00.00	LT	193.2	SOLID YELLOW
BRIDGE TOTAL				8185.6	
RAMP A					
06+08.97	TO	19+00.00	RT	1292.5	SOLID WHITE
06+08.97	TO	19+00.00	LT	1296.3	SOLID YELLOW
RAMP B					
02+24.20	TO	11+40.23	RT	916.2	SOLID WHITE
02+24.20	TO	11+40.23	LT	924.1	SOLID YELLOW
RAMP C					
06+28.12	TO	16+00.00	RT	976.8	SOLID WHITE
06+28.12	TO	16+00.00	LT	977.4	SOLID YELLOW
RAMP D					
01+24.40	TO	10+39.02	RT	914.8	SOLID WHITE
01+24.40	TO	10+38.80	LT	923.2	SOLID YELLOW
01+24.40	TO	05+48.21		106.0	WHITE SKIP DASH
ROADWAY TOTAL				8327.3	

78009008 MODIFIED URETHANE PAVEMENT MARKING - LINE 8"					
LOCATION				FOOT	REMARKS
PINECREST					
52+08.11	TO	53+23.23	LT	115.5	SOLID WHITE
53+23.23	TO	54+74.38	LT	37.8	DOTTED WHITE
53+85.80	TO	55+29.70	RT	143.9	SOLID WHITE
54+53.63	TO	55+13.74	RT	70.9	SOLID WHITE
55+13.74	TO	55+29.70	RT	36.9	SOLID WHITE
54+71.12	TO	55+26.78	LT	55.7	SOLID WHITE
54+71.12	TO	55+31.56	LT	130.8	SOLID WHITE
55+26.78	TO	55+38.31	LT	145.3	SOLID WHITE
56+03.80	TO	57+19.48	LT	115.7	SOLID WHITE
57+19.48	TO	58+71.40	LT	38.0	DOTTED WHITE
57+15.63	TO	58+71.63	RT	39.0	DOTTED WHITE
58+71.63	TO	64+52.65	RT	583.7	SOLID WHITE
65+24.03	TO	65+62.42	RT	39.6	SOLID WHITE
65+24.03	TO	65+28.81	RT	12.2	SOLID WHITE
65+31.65	TO	65+32.81	RT	26.8	SOLID WHITE
65+14.01	TO	65+41.33	RT	127.0	SOLID WHITE
65+47.98	TO	65+62.42	RT	19.6	SOLID WHITE
66+07.07	TO	66+82.46	RT	19.1	DOTTED WHITE
66+82.46	TO	67+61.46	RT	80.0	SOLID WHITE
RAMP C - BRIDGE					
16+00.00	TO	18+00.00		200.0	SOLID WHITE
BRIDGE TOTAL				2037.5	
RAMP A					
18+18.79	TO	20+44.18		56.4	DOTTED WHITE
RAMP C					
12+41.39	TO	15+00.00		64.7	DOTTED WHITE
15+00.00	TO	16+00.00		100.0	SOLID WHITE
ROADWAY TOTAL				221.1	

78009012 MODIFIED URETHANE PAVEMENT MARKING - LINE 12"					
LOCATION				FOOT	REMARKS
PINECREST					
54+33.39	TO	55+19.46	RT	67.4	DIAGONAL WHITE
RAMP B ISLAND				22.5	SOLID WHITE
RAMP B ISLAND				59.8	DIAGONAL WHITE
RAMP C ISLAND				98.6	DIAGONAL WHITE
RAMP C ISLAND				28.5	SOLID WHITE
55+39.15	TO	55+57.26	LT	88.2	DIAGONAL YELLOW
RAMP A ISLAND				29.1	DIAGONAL WHITE
RAMP A ISLAND				8.4	SOLID WHITE
64+83.96	TO	65+10.98	RT	58.2	DIAGONAL YELLOW
65+43.65	TO	66+44.42	RT	29.3	DIAGONAL WHITE
TOTAL				490.0	

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replac.pht\177-2009_04_Pinecrest_Struct_Replac_Pht\CADD\CADD_Sheets\ID68894-1-1-1-Schedule.dgn
 FILE NAME: 3/18/2020 10:23:16 AM



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES**

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

78009024 MODIFIED URETHANE PAVEMENT MARKING - LINE 24"					
LOCATION				FOOT	REMARKS
PINECREST					
51+60.37	TO	51+84.70	RT	24.5	STOP BAR
54+63.47	TO	54+79.22	LT	23.7	STOP BAR
55+22.33	TO	55+36.71	LT	16.0	STOP BAR
54+78.25	TO	55+46.94	RT	173.1	CROSSWALK
54+91.24	TO	55+03.01	RT	17.0	STOP BAR
64+93.32	TO	65+33.39	RT	109.4	CROSSWALK
65+40.20	TO	65+77.45	RT	97.9	CROSSWALK
65+17.13	TO	65+32.28	RT	16.2	STOP BAR
65+39.43	TO	65+55.96	RT	18.2	STOP BAR
67+92.23	TO	68+06.10	LT	12.9	STOP BAR
68+00.66	TO	68+11.52	RT	12.2	STOP BAR
TOTAL				521.1	

78200005 GUARDRAIL REFLECTORS, TYPE A					
LOCATION				EACH	REMARKS
PINECREST					
57+76.61	TO	58+63.68	RT	1.0	
61+38.82	TO	63+30.17	LT	2.0	
TOTAL				3.0	

78200011 BARRIER WALL REFLECTORS, TYPE C					
LOCATION				EACH	REMARKS
PINECREST					
58+63.68	TO	61+35.92	RT	4.0	
58+82.18	TO	61+39.42	LT	4.0	
TOTAL				8.0	

78200020 CURB REFLECTORS					
LOCATION				EACH	REMARKS
PINECREST					
52+06.46	TO	55+31.12		28.0	AMBER
54+82.10	TO	55+16.97	LT	18.0	CRYSTAL
54+87.13	TO	55+16.65	RT	11.0	CRYSTAL
56+02.48	TO	64+53.92		73.0	AMBER
65+29.36	TO	65+50.36	RT	10.0	CRYSTAL
65+52.47	TO	67+64.29		21.0	AMBER
68+31.47	TO	69+00.00		9.0	AMBER
TOTAL				170.0	

78200021 HIGH TENSION CABLE MEDIAN BARRIER REFLECTORS					
LOCATION				EACH	REMARKS
I-74					
361+00.00	TO	361+50.00		2.0	
361+50.00	TO	367+00.00		7.0	80' SPACING
367+00.00	TO	367+50.00		2.0	
TOTAL				11.0	

X0323586 PIPE DRAIN REMOVAL					
LOCATION				FOOT	REMARKS
PINECREST					
58+07.95		30.3'	LT	6.1	
58+07.74		31.2'	RT	2.7	
58+87.10		31.0'	RT	58.2	
59+04.57		31.0'	LT	55.8	
61+11.34		31.1'	RT	56.9	
61+28.91		30.7'	LT	62	
62+08.87		31.6'	LT	3.8	
62+09.23		31.6'	RT	4.1	
TOTAL				249.6	

X0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING					
LOCATION				SQ FT	REMARKS
PINECREST					
48+25.22	TO	50+95.83	RT	66.8	4"
51+99.68	TO	54+19.44	RT	72.0	4"
48+47.74	TO	55+40.35	RT	188.2	4"
48+25.22	TO	50+39.91	LT	71.1	4"
51+13.97	TO	52+34.85	LT	40.0	4"
51+99.77	TO	55+40.38	RT	113.4	4"
55+55.05	TO	65+17.89	RT	329.0	4"
58+08.36	TO	64+80.17	RT	222.9	4"
55+91.67	TO	58+66.33	LT	90.8	4"
58+01.33	TO	64+62.86	LT	218.5	4"
65+80.02	TO	67+66.85	RT	118.0	4"
65+80.02	TO	67+63.82	LT	61.1	4"
68+39.51	TO	68+83.38	RT	14.9	4"
48+37.68	TO	54+01.20	RT	139.9	12" SKIP DASH
54+60.49	TO	55+26.80	RT	171.7	12"
54+01.20	TO	54+53.19	RT	52.0	12"
54+36.73	TO	55+21.77	LT	237.7	12"
65+24.90	TO	65+64.50	RT	152.3	12"
66+93.80	TO	67+86.70	RT	94.0	12"
54+67.60	TO	54+74.96	RT	28.8	24"
54+79.02	TO	54+79.26	RT	28.4	24"
54+74.00	TO	54+84.85	LT	33.8	24"
55+15.56	TO	55+34.02	LT	37.6	24"
64+61.90	TO	64+61.64	RT	52.2	24"
65+15.15	TO	65+30.50	RT	32.6	24"
65+43.94	TO	65+55.83	RT	30.6	24"
59+07.05			RT	15.6	LEFT TURN
62+28.10			RT	15.6	LEFT TURN
63+99.67			RT	15.6	LEFT TURN
67+34.86			RT	15.6	LEFT TURN
TOTAL				2760.7	

X0500002 HOT-MIX ASPHALT MOW STRIP					
LOCATION				SQ YD	REMARKS
I-74					
361+00.00	TO	367+50.00	RT	288.9	
TOTAL				288.9	

X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH					
LOCATION				SQ YD	REMARKS
RAMP A					
18+00.00	TO	19+00.00	LT	55.0	
18+00.00	TO	18+18.80	RT	10.7	
RAMP B					
08+38.23	TO	08+87.78	LT	25.3	
08+38.23	TO	08+87.79	RT	35.8	
RAMP D					
08+18.69	TO	08+68.43	LT	25.7	
08+18.92	TO	08+68.43	RT	37.2	
TOTAL				189.7	

X4402805 ISLAND REMOVAL					
LOCATION				SQ FT	REMARKS
PINECREST					
54+74.49	TO	55+22.35	RT	601.9	RAMP B ISLAND
65+31.12	TO	65+47.85	RT	167.3	RAMP A ISLAND
TOTAL				769.2	

X4403300 CONCRETE MEDIAN REMOVAL					
LOCATION				SQ FT	REMARKS
PINECREST					
53+49.48	TO	54+07.65	RT	444.5	MEDIAN
55+89.17	TO	59+11.88	RT/LT	2080.2	MEDIAN
61+08.21	TO	64+63.25	LT	2233.6	MEDIAN
66+76.63	TO	67+63.82	LT	600.3	MEDIAN
TOTAL				5358.6	

X6015000 REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS					
LOCATION				EACH	REMARKS
PINECREST					
58+07.95		30.3'	LT	1.0	
58+07.74		31.2'	RT	1.0	
62+08.87		31.6'	LT	1.0	
62+09.23		31.6'	RT	1.0	
TOTAL				4.0	

X6023508 INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE					
LOCATION				EACH	REMARKS
PINECREST					
63+79.98		4.58'	LT	1.0	
TOTAL				1.0	

X6024502 INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE					
LOCATION				EACH	REMARKS
PINECREST					
64+39.97		4.58'	LT	1.0	
TOTAL				1.0	

X6060500 CORRUGATED MEDIAN REMOVAL					
LOCATION				SQ FT	REMARKS
PINECREST					
51+99.90	TO	53+49.48	RT	829.9	
TOTAL				829.9	

X7040125 PINNING TEMPORARY CONCRETE BARRIER					
LOCATION				EACH	REMARKS
PINECREST					
57+57.00	TO	61+57.00	RT	66.0	STAGE 1
57+37.60	TO	65+66.30	LT	102.0	STAGE 2
TOTAL				168.0	

X7050167 TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)					
LOCATION				EACH	REMARKS
PINECREST					
57+94.80	TO	58+44.60	LT	1.0	STAGE 2
TOTAL				1.0	

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 FILE NAME: 3/23/2020 16:23:16.001.00



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	27
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS

LOCATION	SQ FT	REMARKS
PINECREST		
52+24.85	3.83' LT	15.6 LT TURN
52+72.08	4.05' LT	15.6 LT TURN
53+18.05	5.36' LT	15.6 LT TURN
56+11.92	4.59' LT	15.6 LT TURN
56+66.79	5.13' LT	15.6 LT TURN
57+13.54	4.94' LT	15.6 LT TURN
59+43.95	5.42' RT	15.6 LT TURN
60+16.83	5.64' RT	15.6 LT TURN
60+89.70	5.86' RT	15.6 LT TURN
61+62.58	6.08' RT	15.6 LT TURN
62+35.45	6.30' RT	15.6 LT TURN
63+08.16	6.39' RT	15.6 LT TURN
63+80.54	5.37' RT	15.6 LT TURN
66+91.36	4.82' RT	15.6 LT TURN
67+40.93	5.48' RT	15.6 LT TURN
RAMP A - BRIDGE		
20+58.54	7.47' RT	15.6 RT TURN
21+36.98	6.53' RT	15.6 RT TURN
20+57.81	5.61' LT	15.6 LT TURN
21+33.63	7.62' LT	15.6 LT TURN
RAMP C - BRIDGE		
16+11.73	7.85' LT	15.6 LT TURN
17+08.48	8.42' LT	15.6 LT TURN
18+08.03	8.42' LT	15.6 LT TURN
19+01.18	8.18' LT	15.6 LT TURN
16+12.17	8.02' RT	15.6 RT TURN
17+10.63	7.31' RT	15.6 RT TURN
18+08.57	7.44' RT	15.6 RT TURN
19+07.95	19.07' RT	15.6 RT TURN
TOTAL	421.2	

X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"

LOCATION	FOOT	REMARKS
PINECREST		
51+30.38	TO 52+18.32	LT 120.9 SOLID WHITE
51+60.37	TO 51+84.18	RT 138.8 DOUBLE YELLOW
52+00.56	TO 54+93.90	RT 397.5 SOLID WHITE
52+06.46	TO 55+31.11	LT/RT 657.0 SOLID YELLOW
52+38.09	TO 55+22.85	LT 463.8 SOLID WHITE
52+13.50	TO 53+85.80	RT 43.1 WHITE SKIP DASH
55+03.87	TO 55+23.39	RT 56.4 SOLID WHITE
55+38.76	TO 55+36.21	RT 52.7 SOLID YELLOW
55+40.05	TO 55+61.47	RT 37.5 SOLID YELLOW
55+53.76	TO 55+47.01	LT 143.0 SOLID YELLOW
55+47.01	TO 65+11.41	LT 955.7 SOLID WHITE
55+61.47	TO 65+05.45	RT 952.5 SOLID WHITE
56+02.48	TO 64+53.92	LT/RT 1705.0 SOLID YELLOW
65+05.45	TO 65+12.41	RT 13.6 SOLID YELLOW
65+16.26	TO 65+01.29	RT 121.5 SOLID YELLOW
65+11.41	TO 65+59.27	LT 115.5 SOLID YELLOW
65+59.35	TO 65+78.04	LT 25.3 WHITE SKIP DASH
65+52.61	TO 67+64.29	LT/RT 432.3 SOLID YELLOW
65+26.63	TO 65+58.29	RT 127.8 SOLID WHITE
65+66.22	TO 67+84.06	RT 360.8 SOLID WHITE
65+92.15	TO 67+91.93	LT 289.0 SOLID WHITE
67+94.66	TO 68+00.66	RT 47.4 DOUBLE YELLOW
68+00.80	TO 68+05.83	LT 45.8 DOUBLE YELLOW
RAMP A - BRIDGE		
19+00.00	TO 20+44.18	RT 153.8 SOLID WHITE
19+00.00	TO 20+44.18	LT 130.5 SOLID YELLOW
RAMP B - BRIDGE		
01+25.00	TO 02+24.20	RT 99.2 SOLID WHITE
01+25.00	TO 02+24.20	LT 99.2 SOLID YELLOW
RAMP C - BRIDGE		
16+00.00	TO 18+00.00	RT 206.8 SOLID WHITE
16+00.00	TO 18+00.00	LT 193.2 SOLID YELLOW
BRIDGE TOTAL	8185.6	
RAMP A		
06+08.97	TO 19+00.00	RT 1292.5 SOLID WHITE
06+08.97	TO 19+00.00	LT 1296.3 SOLID YELLOW
RAMP B		
02+24.20	TO 11+40.23	RT 916.2 SOLID WHITE
02+24.20	TO 11+40.23	LT 924.1 SOLID YELLOW
RAMP C		
06+28.12	TO 16+00.00	RT 976.8 SOLID WHITE
06+28.12	TO 16+00.00	LT 977.4 SOLID YELLOW
RAMP D		
01+24.40	TO 10+39.02	RT 914.8 SOLID WHITE
01+24.40	TO 10+38.80	LT 923.2 SOLID YELLOW
01+24.40	TO 05+48.21	106.0 WHITE SKIP DASH
ROADWAY TOTAL	8327.3	

X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"

LOCATION	FOOT	REMARKS
PINECREST		
52+08.11	TO 53+23.23	LT 115.5 SOLID WHITE
53+23.23	TO 54+74.38	LT 37.8 DOTTED WHITE
53+85.80	TO 55+29.70	RT 143.9 SOLID WHITE
54+53.63	TO 55+13.74	RT 70.9 SOLID WHITE
55+13.74	TO 55+29.70	RT 36.9 SOLID WHITE
54+71.12	TO 55+26.78	LT 55.7 SOLID WHITE
54+71.12	TO 55+31.56	LT 130.8 SOLID WHITE
55+26.78	TO 55+38.31	LT 145.3 SOLID WHITE
56+03.80	TO 57+19.48	LT 115.7 SOLID WHITE
57+19.48	TO 58+71.40	LT 38.0 DOTTED WHITE
57+15.63	TO 58+71.63	RT 39.0 DOTTED WHITE
58+71.63	TO 64+52.65	RT 583.7 SOLID WHITE
65+24.03	TO 65+62.42	RT 39.6 SOLID WHITE
65+24.03	TO 65+28.81	RT 12.2 SOLID WHITE
65+31.65	TO 65+32.81	RT 26.8 SOLID WHITE
65+14.01	TO 65+41.33	RT 127.0 SOLID WHITE
65+47.98	TO 65+62.42	RT 19.6 SOLID WHITE
66+07.07	TO 66+82.46	RT 19.1 DOTTED WHITE
66+82.46	TO 67+61.46	RT 80.0 SOLID WHITE
RAMP C - BRIDGE		
16+00.00	TO 18+00.00	200.0 SOLID WHITE
BRIDGE TOTAL	2037.5	
RAMP A		
18+18.79	TO 20+44.18	56.4 DOTTED WHITE
RAMP C		
12+41.39	TO 15+00.00	64.7 DOTTED WHITE
15+00.00	TO 16+00.00	100.0 SOLID WHITE
ROADWAY TOTAL	221.1	

X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"

LOCATION	FOOT	REMARKS
PINECREST		
54+33.39	TO 55+19.46	RT 67.4 DIAGONAL WHITE
RAMP B ISLAND		22.5 SOLID WHITE
RAMP B ISLAND		59.8 DIAGONAL WHITE
RAMP C ISLAND		98.6 DIAGONAL WHITE
RAMP C ISLAND		28.5 SOLID WHITE
55+39.15	TO 55+57.26	LT 88.2 DIAGONAL YELLOW
RAMP A ISLAND		29.1 DIAGONAL WHITE
RAMP A ISLAND		8.4 SOLID WHITE
64+83.96	T 65+10.9	RT 58.2 DIAGONAL YELLOW
65+43.65	TO 66+44.42	RT 29.3 DIAGONAL WHITE
TOTAL	490.0	

X7830090 GROOVING FOR RECESSED PAVEMENT MARKING 25"

LOCATION	FOOT	REMARKS
PINECREST		
51+60.37	TO 51+84.70	RT 24.5 STOP BAR
54+63.47	TO 54+79.22	LT 23.7 STOP BAR
55+22.33	TO 55+36.71	LT 16.0 STOP BAR
54+78.25	TO 55+46.94	RT 173.1 CROSSWALK
54+91.24	TO 55+03.01	RT 17.0 STOP BAR
64+93.32	TO 65+33.39	RT 109.4 CROSSWALK
65+40.20	TO 65+77.45	RT 97.9 CROSSWALK
65+17.16	TO 65+32.28	RT 16.2 STOP BAR
65+39.22	TO 65+55.74	RT 18.2 STOP BAR
67+92.23	TO 68+06.10	LT 12.9 STOP BAR
68+00.66	TO 68+11.52	RT 12.2 STOP BAR
TOTAL	521.1	

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	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES**

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	28
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

Z0001002 GUARDRAIL AGGREGATE EROSION CONTROL				
LOCATION		TON		REMARKS
PINECREST				
57+66.61	TO	58+63.50	RT	15.7
61+78.42	TO	63+40.73	LT	28.2
TOTAL				43.9

Z0001495 BRIDGE APPROACH SHOULDER REMOVAL				
LOCATION		SQ YD		REMARKS
PINECREST				
58+84.62	TO	59+02.46	RT	15.5
58+99.28	TO	59+15.80	LT	16.5
61+00.84	TO	61+13.96	RT	13.3
61+13.53	TO	61+34.26	LT	17.5
TOTAL				62.8

Z0004552 APPROACH SLAB REMOVAL				
LOCATION		SQ YD		REMARKS
PINECREST				
58+08.42	TO	59+10.01	RT	223.7
58+07.99	TO	59+15.80	LT	224.9
61+01.35	TO	62+08.47	RT	300.1
61+09.74	TO	62+08.17	LT	151.1
TOTAL				899.8

Z0023500 FILLING EXISTING CULVERTS				
LOCATION		CU YD		REMARKS
I-74				
363+99.75	LT			5.9
TOTAL				5.9

Z0034105 MATERIAL TRANSFER DEVICE				
LOCATION		TON		REMARKS
RAMP A				
06+08.97	TO	19+00.00		349.6
RAMP B				
02+24.20	TO	08+38.23		148.8
RAMP C				
06+28.12	TO	16+00.00		316
RAMP D				
01+24.40	TO	08+18.92		233
TOTAL				1047.4

Z0038119 PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1 1/2"				
LOCATION		SQ YD		REMARKS
PINECREST				
51+48.92	TO	52+25.73	LT	196.4 HIGH POINT LN
TOTAL				196.4

Z0062456 TEMPORARY PAVEMENT				
LOCATION		SQ YD		REMARKS
PINECREST PRE-STAGE				
51+99.80	TO	55+40.40	LT/RT	349.5
54+57.80	TO	55+18.40	LT	122.1
54+82.60	TO	55+22.40	RT	50.7
55+89.20	TO	59+11.90	LT/RT	231.2
61+08.10	TO	64+63.30	LT	248.2
65+31.10	TO	65+47.90	RT	18.6
65+52.10	TO	67+63.80	LT/RT	275.3
68+29.20	TO	69+00.00	LT/RT	126.4
PINECREST STAGE 1				
58+19.40	TO	58+48.50	LT	3.6
61+69.40	TO	66+00.00	LT	189.8
TOTAL				1615.4

LOCATION	EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
BRIDGE SECTION				
PINECREST - STAGE 1	706.79	530.09	2390.91	-1860.82
PINECREST - STAGE 2	638.61	478.96	10698.20	-10219.24
FAI 74	104.91	78.68	57.28	21.41
RAMP A - BRIDGE	54.23	40.67	406.68	-366.01
RAMP B	105.52	79.14	0.11	79.03
RAMP C - BRIDGE	390.90	293.18	6.60	286.58
RAMP D	0.00	0.00	0.00	0.00
ROADWAY SECTION				
RAMP A - ROADWAY	20.27	15.20	30.06	-14.85
RAMP C - ROADWAY	65.12	48.84	32.45	16.39
BRIDGE SECTION SUBTOTAL				
	2000.96	1500.72	13559.77	-12059.05
ROADWAY SECTION SUBTOTAL				
	85.39	64.04	62.51	1.53
TOTAL			2086.35	1564.76
			13622.28	-12057.52

EARTHWORK SUMMARY					
CODE NO.	ITEM	UNIT	TOTAL	BRIDGE	ROADWAY
20200100	EARTH EXCAVATION	CU YD	2095	2005	90
20400800	FURNISHED EXCAVATION	CU YD	12060	12060	0

PARTIAL DEPTH PATCHING SCHEDULE					
LOCATION	LENGTH	WIDTH	# OF PATCHES	X0556100 PARTIAL DEPTH PATCHING (SPECIAL) SQ. YD.	X4421000 PARTIAL DEPTH PATCHING TON
PINECREST DRIVE AND I-74 INTERCHANGE RAMP					
RAMP A					
	4	12	28	149.3	20.9
	6	12	2	16.0	2.2
	8	12	1	10.7	1.5
	4	14	3	18.7	2.6
	6	14	2	18.7	2.6
	20	14	1	31.1	4.4
	4	30	1	13.3	1.9
OUTSIDE EDGE OF PAVEMENT (RT)	1100	2	1	244.4	34.2
INSIDE EDGE OF PAVEMENT (LT)	1350	2	1	300.0	42.0
SUBTOTAL				40	802.2
RAMP B					
	4	16	7	49.8	7.0
	10	10	1	11.1	1.6
OUTSIDE EDGE OF PAVEMENT (RT)	700	2	1	155.6	21.8
SUBTOTAL				9	216.4
RAMP C					
	6	6	1	4.0	0.6
	4	10	2	8.9	1.2
	4	16	15	106.7	14.9
	6	16	3	32.0	4.5
TO REPAIR LONGITUDINAL JOINT	550	3	1	183.3	25.7
SUBTOTAL				22	334.9
RAMP D					
	4	10	1	4.4	0.6
	4	11	1	4.9	0.7
	4	15	17	113.3	15.9
	4	16	8	56.9	8.0
	4	25	2	22.2	3.1
	4	50	1	22.2	3.1
	6	15	1	10.0	1.4
	6	35	1	23.3	3.3
	8	16	1	14.2	2.0
	8	20	1	17.8	2.5
TO REPAIR LONGITUDINAL JOINT	430	3	1	143.3	20.1
SUBTOTAL				35	432.7
TOTAL			106	1786	250

NOTE: REMOVE EXISTING PAVEMENT TO A DEPTH OF 2.5"

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PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	29
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

Ameren Electric

Route FAI 74 (I-74)
 Section (90-14HB-1)BR-1
 County Tazewell
 Contract No. 68894
 Catalog No. 034243-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Pinecrest Drive	35' Rt→ 50' Rt	Sta 52+60 to Sta 66+80±	Utility Poles (8 total) & aerial electric	Earthwork/Multi-use path	Relocate

AT&T

Route FAI 74 (I-74)
 Section (90-14HB-1)BR-1
 County Tazewell
 Contract No. 68894
 Catalog No. 034243-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Pinecrest Drive	35' Rt→ 50' Rt	Sta 52+60 to Sta 66+80±	Utility Poles & aerial phone	Earthwork/Multi-use path	Relocate
	50' Rt & variable	Sta 52+60 to Sta 66+80±	Buried cable	Earthwork/Multi-use path	Relocate

Comcast

Route FAI 74 (I-74)
 Section (90-14HB-1)BR-1
 County Tazewell
 Contract No. 68894
 Catalog No. 034243-00D

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
Pinecrest Drive	35' Rt→ 50' Rt	Sta 52+60 to Sta 66+80±	Utility Poles & aerial cable	Earthwork/Multi-use path	Relocate

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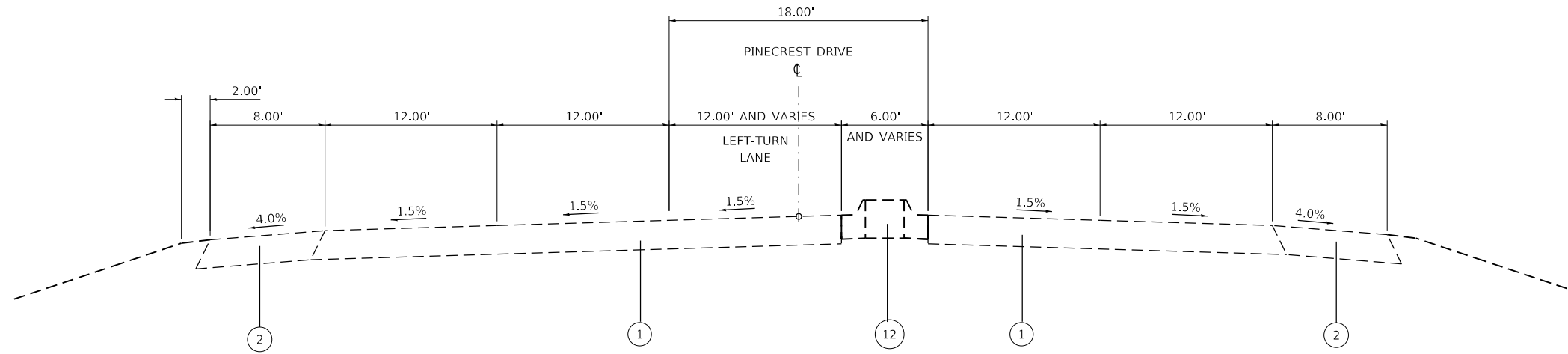
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

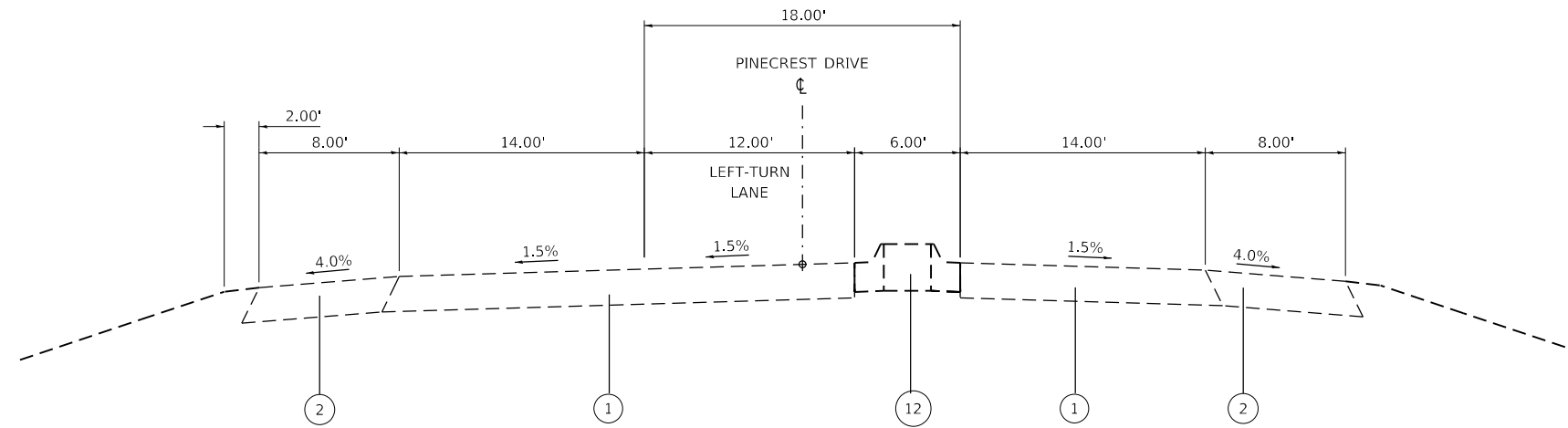
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
 STATUS OF UTILITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	30
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	



**EXISTING TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**
STA. 52+00 TO STA. 55+30



**EXISTING TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**
STA. 55+30 TO STA. 57+20

LEGEND	
①	EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9"
②	EXISTING HMA SHOULDER, 9"
⑫	EXISTING MEDIAN

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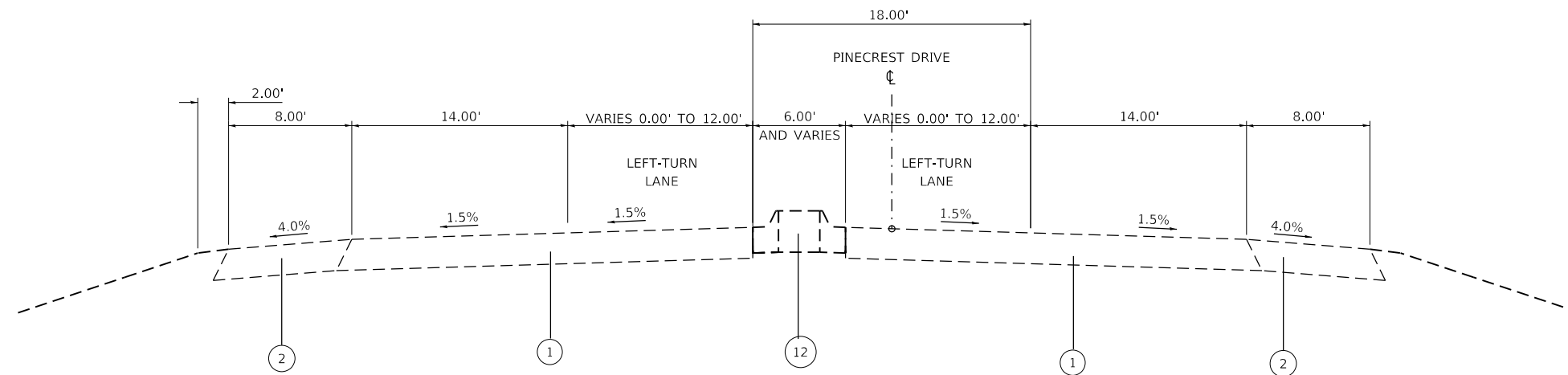
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PINECREST DRIVE TYPICAL SECTIONS**

SCALE: NTS SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	31
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 68894



**EXISTING TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**

STA. 57+20 TO STA. 58+64
BRIDGE OMISSION STA. 58+64 TO STA. 61+54
STA. 61+54 TO STA. 68+00

LEGEND

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9"
- ② EXISTING HMA SHOULDER, 9"
- ⑫ EXISTING MEDIAN

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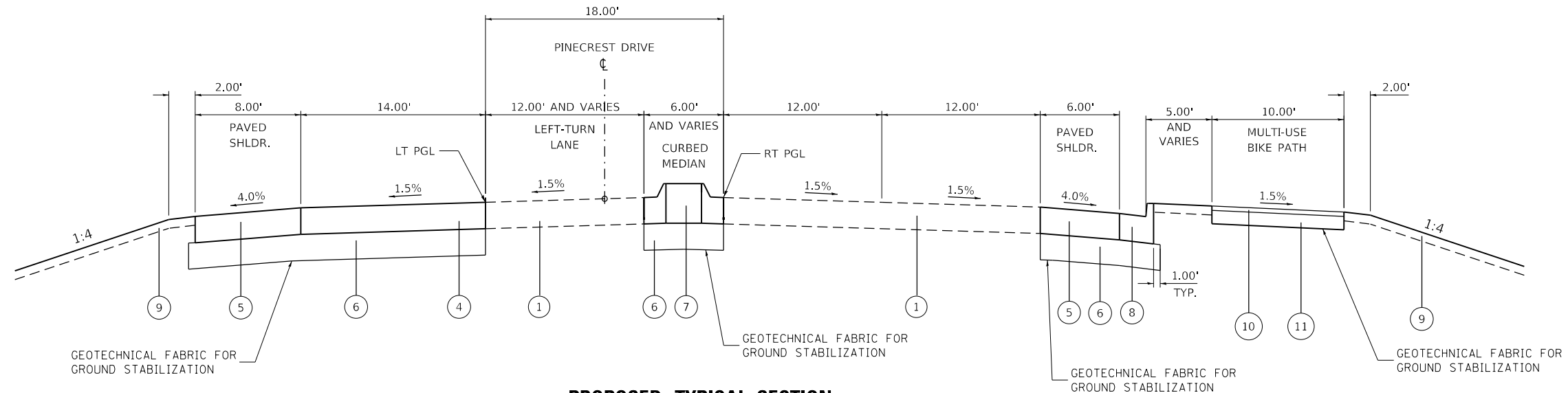
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

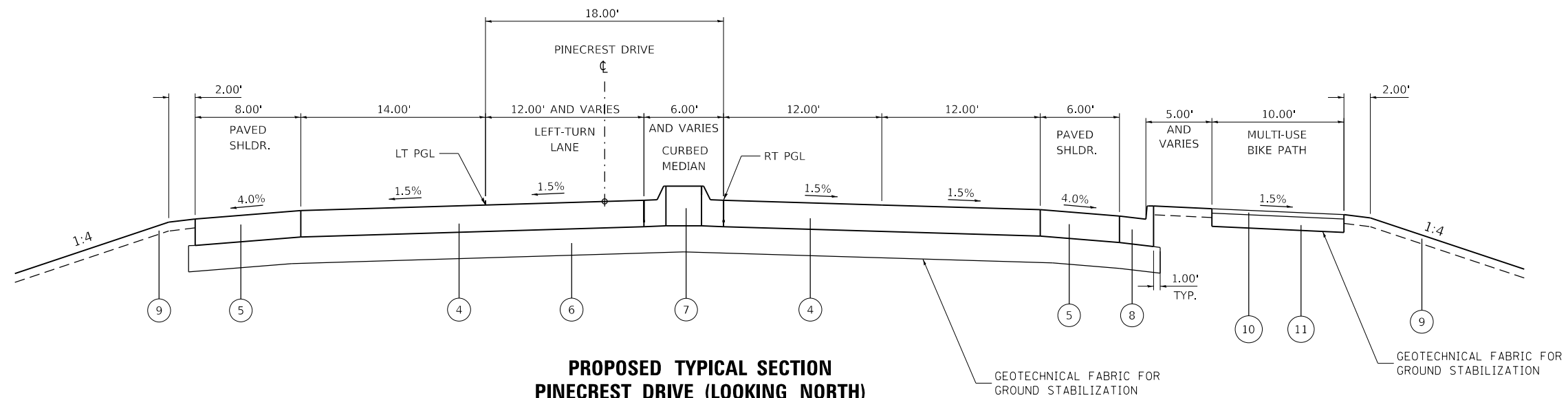
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PINECREST DRIVE TYPICAL SECTIONS**

SCALE: NTS SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	32
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	



**PROPOSED TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**
STA. 52+25.77 TO STA. 53+75.00



**PROPOSED TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**
STA. 53+75.00 TO STA. 55+30.00

LEGEND

- | | | |
|--|--|--|
| ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9" | ⑦ PROPOSED CONCRETE MEDIAN, TYPE SB-6.12 | ⑪ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 6" |
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 | |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑨ PROPOSED TOPSOIL FURNISH AND PLACE, 4" | |
| ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑩ PROPOSED 3" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N30 | |

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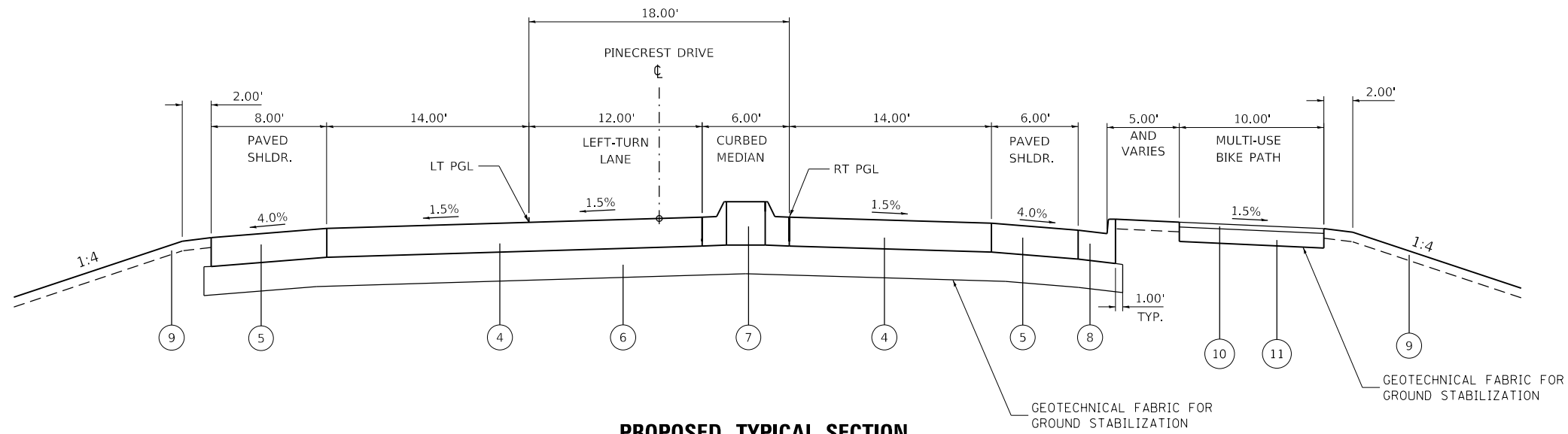
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

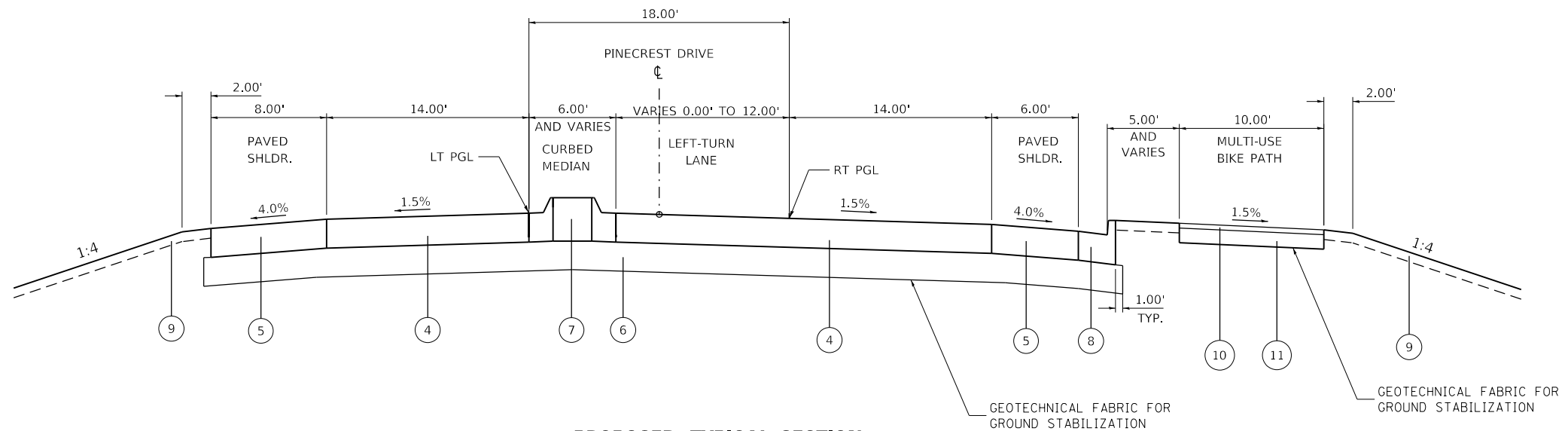
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PINECREST DRIVE TYPICAL SECTIONS**

SCALE: NTS SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	33
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**
STA. 55+30.00 TO STA. 57+20.00



**PROPOSED TYPICAL SECTION
PINECREST DRIVE (LOOKING NORTH)**
STA. 57+20.00 TO STA. 58+48.53
BRIDGE OMISSION STA. 58+48.53 TO STA. 61+69.42
STA. 61+69.42 TO STA. 67+75.00
STA. 61+43.76 TO STA. 62+66.76 TRANSITION NB LANES FROM -1.50% TO 4.00% AND MAINTAIN 4.00% TO STA. 67+75.00
STA. 62+14.67 TO STA. 62+70.58 TRANSITION SB LANES FROM -1.50% TO -4.00% AND MAINTAIN -4.00% TO STA. 67+75.00

LEGEND

- | | |
|--|--|
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑨ PROPOSED TOPSOIL FURNISH AND PLACE, 4" |
| ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑩ PROPOSED 3" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N30 |
| ⑦ PROPOSED CONCRETE MEDIAN, TYPE SB-6.12 | ⑪ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 6" |

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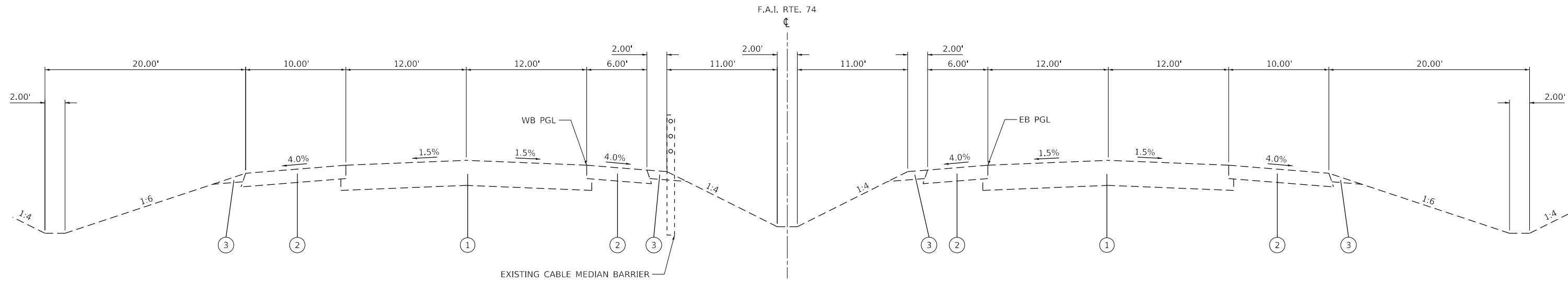


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PLOT DATE = 3/18/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT PINECREST DRIVE TYPICAL SECTIONS			
SCALE: NTS	SHEET 4	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	34
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

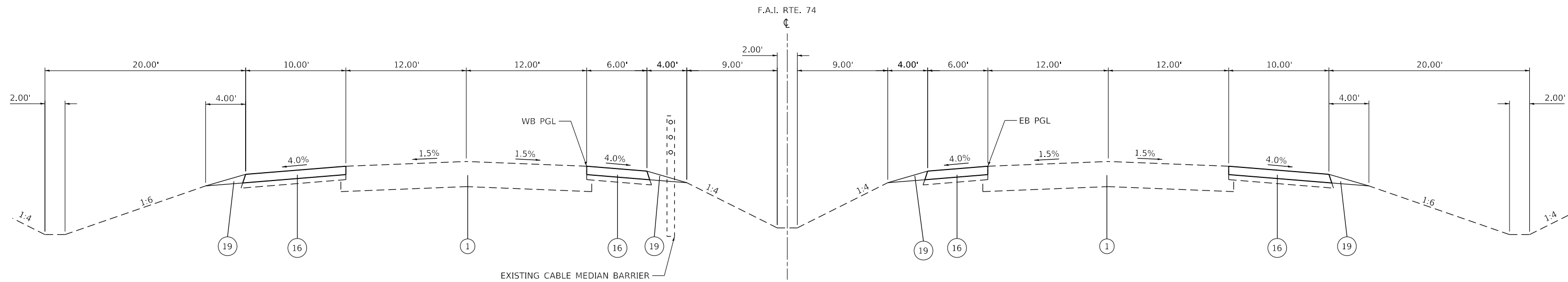


WB I-74

**EXISTING TYPICAL SECTION
F.A.I. RTE I-74 (LOOKING EAST)**

STA. 335+00.00 TO STA. 384+00.00

EB I-74



WB I-74

**EXISTING TYPICAL SECTION - MODIFIED SHOULDERS
F.A.I. RTE I-74 (LOOKING EAST)**

STA. 345+37.50 TO STA. 381+25.00

EB I-74

LEGEND

- ① EXISTING PAVEMENT, 6½" HMA, 10" PCC, 4" STABILIZED SUB-BASE
- ② EXISTING HMA SHOULDER, 8"
- ③ EXISTING AGGREGATE SHOULDER
- ⑬ HOT-MIX ASPHALT SURFACE REMOVAL, 6"
- ⑭ PROPOSED 6" HOT-MIX ASPHALT SHOULDERS
- ⑲ AGGREGATE WEDGE SHOULDER, TYPE B

NOTE:
SEE PLAN AND PROFILE FOR LIMITS ON EACH SHOULDER

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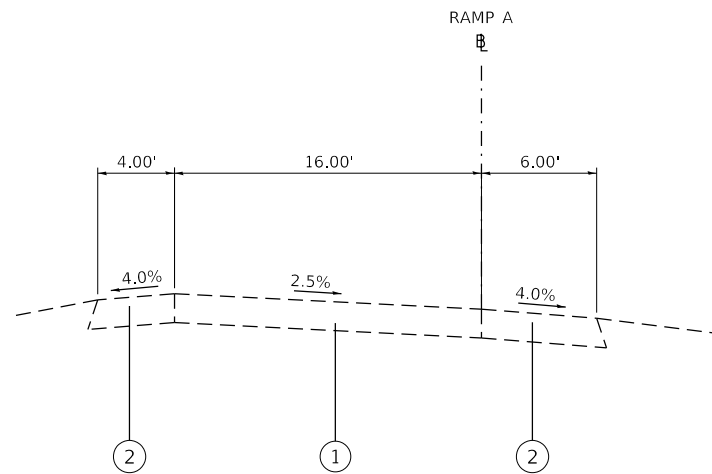
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PLOT DATE = 3/18/2020	DATE - 3/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
I-74 TYPICAL SECTIONS**

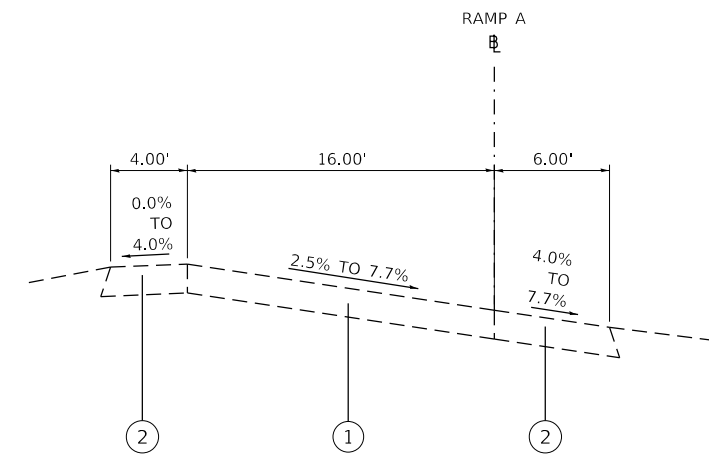
SCALE: NTS SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	35
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



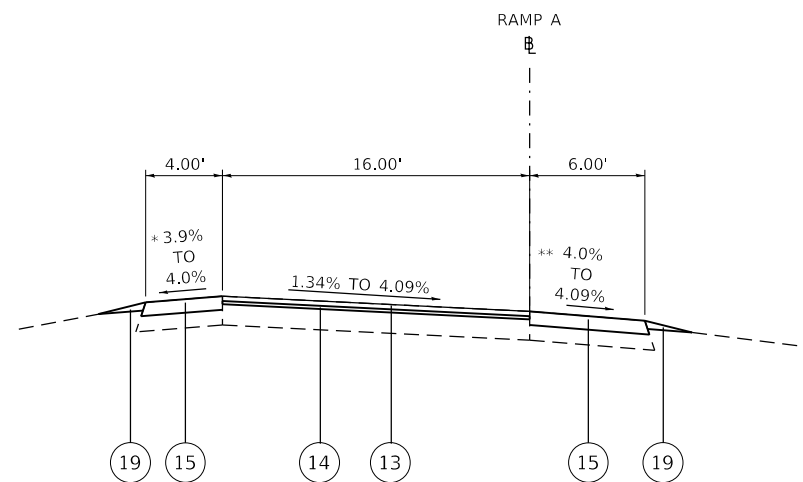
**EXISTING TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 6+60.15 TO STA. 9+91.24



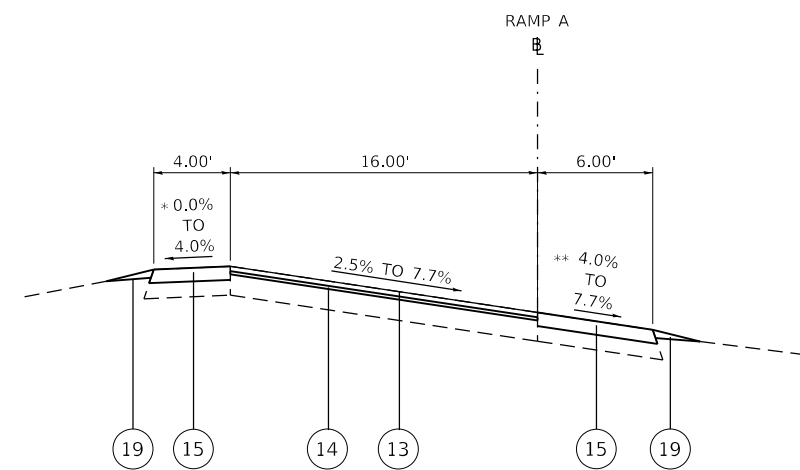
**EXISTING TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 9+91.24 TO STA. 20+39.58



**PROPOSED TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 6+58.97 TO STA. 9+91.24



**PROPOSED TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 9+91.24 TO STA. 18+18.79

LEGEND

- | | | |
|--|--|---|
| ① EXISTING 9" PORTLAND CEMENT CONCRETE PAVEMENT | ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENTS, 12" | ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROPOSED 5" HOT-MIX ASPHALT SHOULDERS |
| ② EXISTING 9" HMA SHOULDER | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 | ⑰ PROPOSED PCC BASE COURSE 9" |
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑬ PROPOSED 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 | ⑱ PROPOSED 9" HOT-MIX ASPHALT SHOULDERS |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑭ PROPOSED 1" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | ⑲ AGGREGATE WEDGE SHOULDER, TYPE B |

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%

** SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%

NOTE:
THERE IS EXISTING STABILIZED SUB-BASE BELOW THE EXISTING RAMP PAVEMENT.

RAMP A WILL HAVE SOME BINDER BUILD-UP BENEATH ⑭

MODEL: D:\p\h\... FILE NAME: C:\E\I\B\... 20131515-908 P1B_177-09 MAURER P11_1_5_11.D4 1:14 Phase III\CADD Sheets\0468894-1hc\typical-ramps.dgn



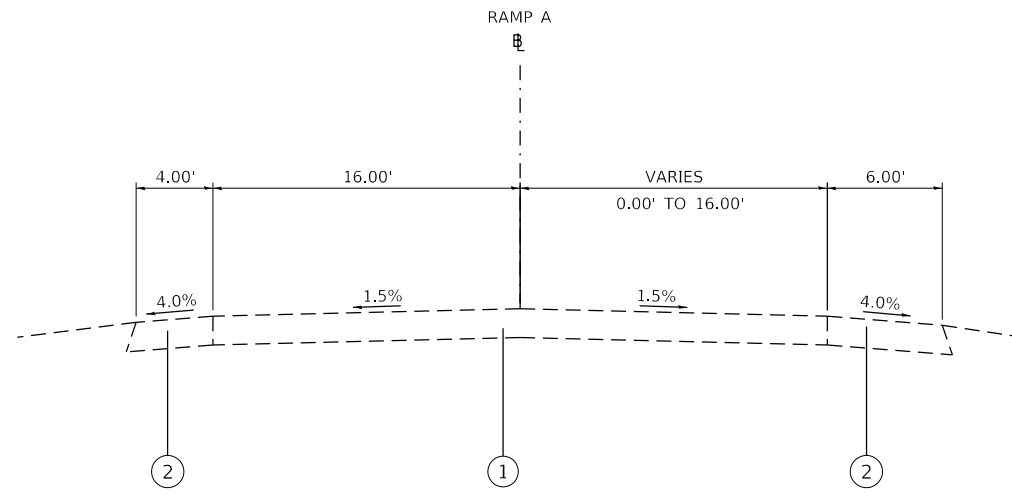
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	DATE - 3/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP A TYPICAL SECTIONS**

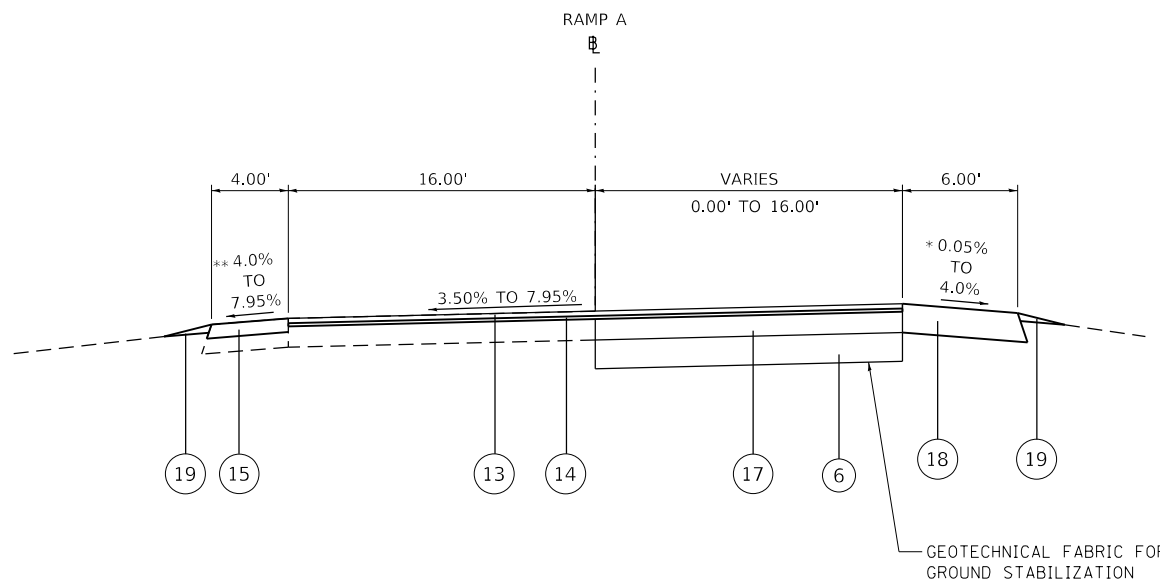
SCALE: NTS SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	36
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



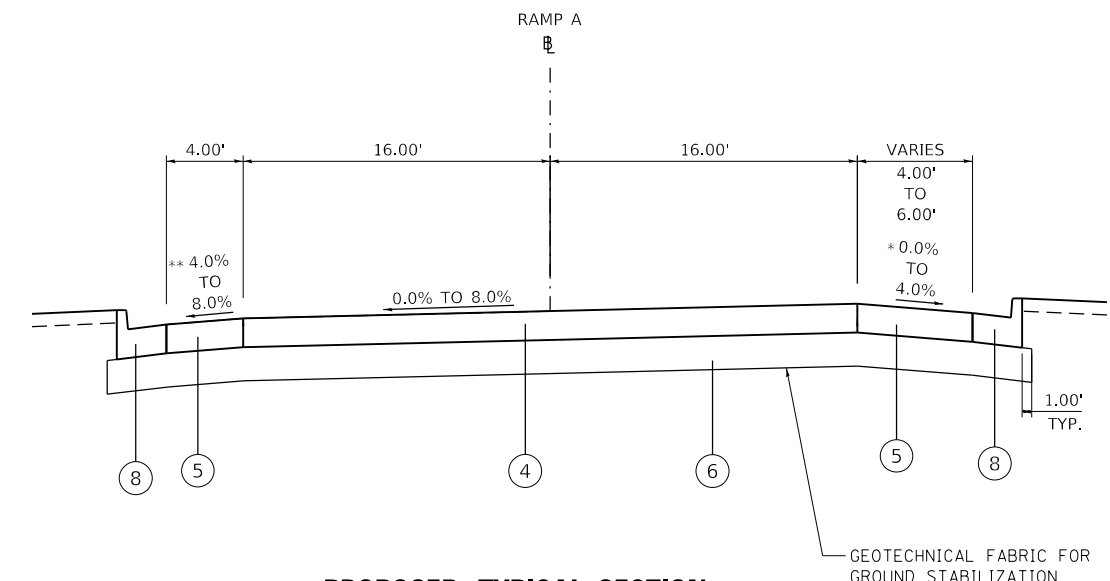
**EXISTING TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 20+39.58 TO STA. 21+93.08



**PROPOSED TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 18+18.79 TO STA. 19+00.00



**PROPOSED TYPICAL SECTION
RAMP A (LOOKING WEST)**

STA. 19+00.00 TO STA. 21+93.08

STA. 19+00.00 TO STA. 19+87.16 TRANSITION FROM 7.95% TO 8.00% (SLOPED RIGHT TO LEFT)
 STA. 19+87.16 TO STA. 21+59.96 TRANSITION FROM 8.00% TO 0.00% (SLOPED RIGHT TO LEFT)
 STA. 21+59.96 TO STA. 21+93.08 TRANSITION FROM 0.00% TO 2.77% (SLOPED LEFT TO RIGHT)

LEGEND

- | | | |
|--|--|---|
| ① EXISTING 9" PORTLAND CEMENT CONCRETE PAVEMENT | ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENTS, 12" | ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROPOSED 5" HOT-MIX ASPHALT SHOULDERS |
| ② EXISTING 9" HMA SHOULDER | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 | ⑰ PROPOSED PCC BASE COURSE 9" |
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑬ PROPOSED 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 | ⑱ PROPOSED 9" HOT-MIX ASPHALT SHOULDERS |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑭ PROPOSED 1" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | ⑲ AGGREGATE WEDGE SHOULDER, TYPE B |

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%

** SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%

NOTE:
 THERE IS EXISTING STABILIZED SUB-BASE BELOW THE EXISTING RAMP PAVEMENT.
 RAMP A WILL HAVE SOME BINDER BUILD-UP BENEATH ⑭

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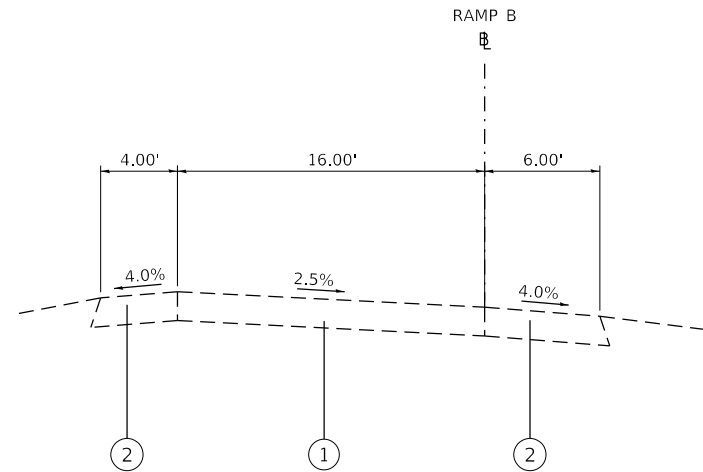
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	DATE - 3/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP A TYPICAL SECTIONS**

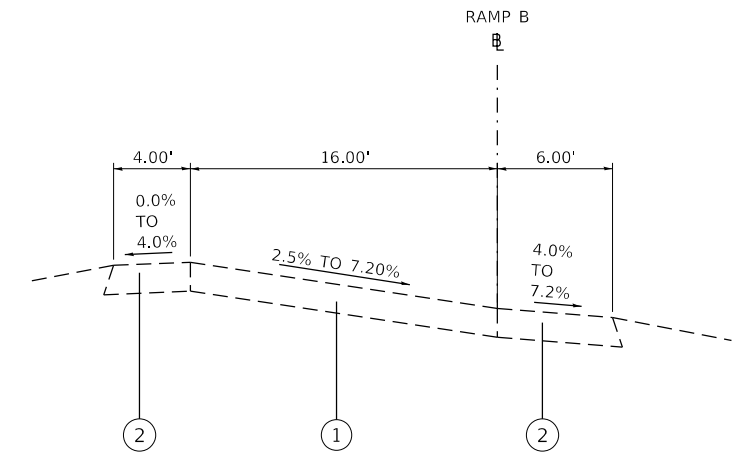
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	37
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



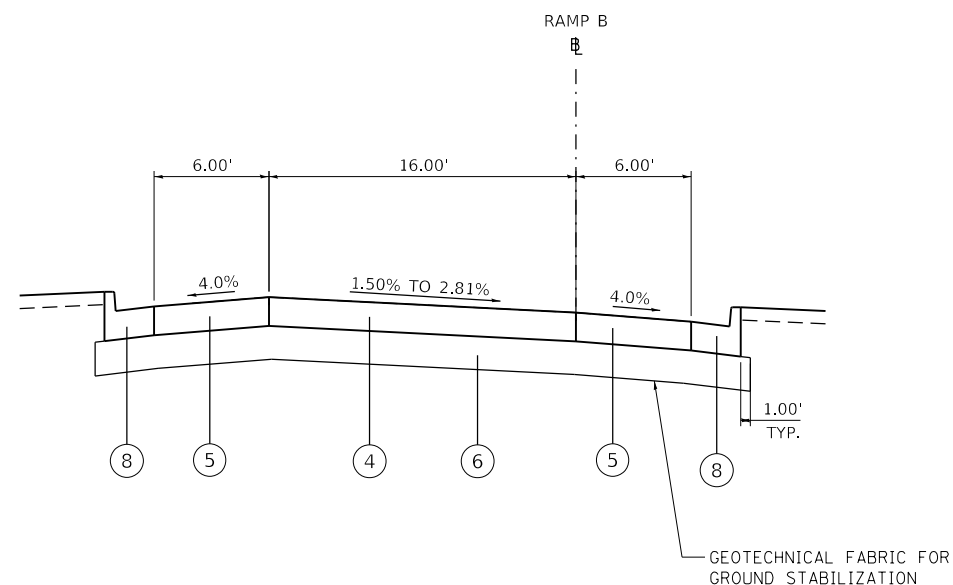
**EXISTING TYPICAL SECTION
RAMP B (LOOKING EAST)**

STA. 0+23.05 TO STA. 6+04.89



**EXISTING TYPICAL SECTION
RAMP B (LOOKING EAST)**

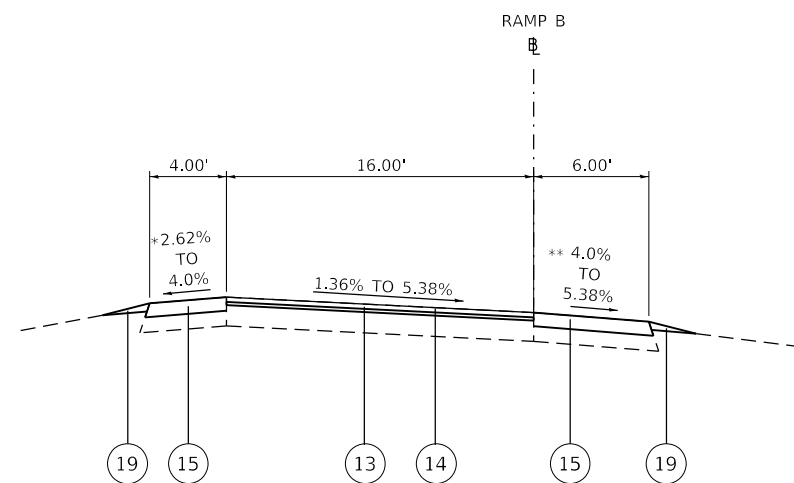
STA. 6+04.89 TO STA. 8+88.20



**PROPOSED TYPICAL SECTION
RAMP B (LOOKING EAST)**

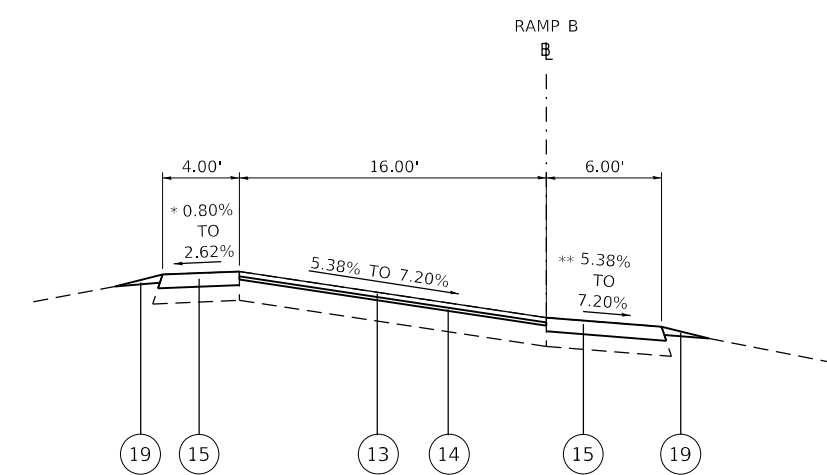
STA. 0+23.05 TO STA. 2+24.20

STA. 0+23.05 TO STA. 0+43.08 TRANSITION FROM 2.81% TO 1.50% (SLOPED LEFT TO RIGHT)



**PROPOSED TYPICAL SECTION
RAMP B (LOOKING EAST)**

STA. 2+24.20 TO STA. 6+04.89



**PROPOSED TYPICAL SECTION
RAMP B (LOOKING EAST)**

STA. 6+04.89 TO STA. 8+38.23

LEGEND

- | | | |
|--|--|---|
| ① EXISTING 9" PORTLAND CEMENT CONCRETE PAVEMENT | ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENTS, 12" | ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROPOSED 5" HOT-MIX ASPHALT SHOULDERS |
| ② EXISTING 9" HMA SHOULDER | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 | ⑰ PROPOSED PCC BASE COURSE 9" |
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑬ PROPOSED 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 | ⑱ PROPOSED 9" HOT-MIX ASPHALT SHOULDERS |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑭ PROPOSED 1" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | ⑲ AGGREGATE WEDGE SHOULDER, TYPE B |

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%

** SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%

NOTE: THERE IS EXISTING STABILIZED SUB-BASE BELOW THE EXISTING RAMP PAVEMENT.

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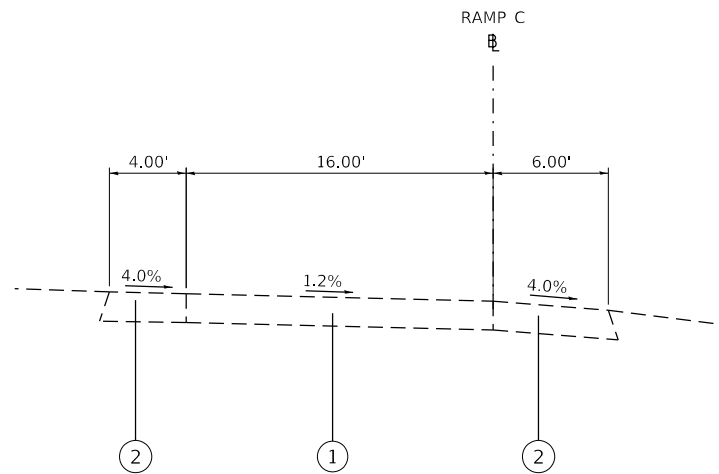
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP B TYPICAL SECTIONS**

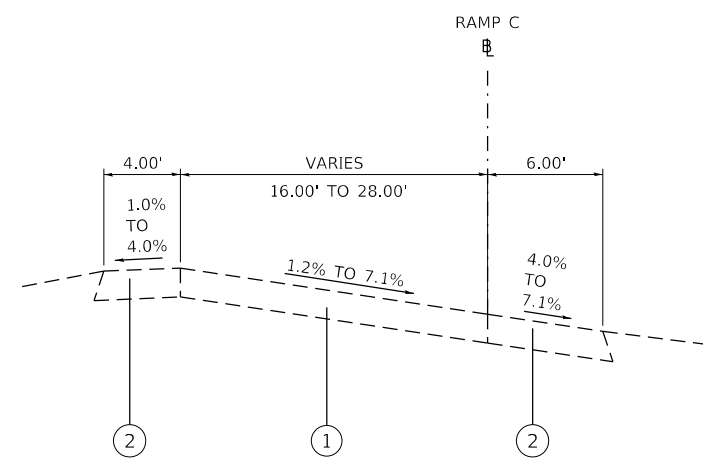
SCALE: NTS SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	38
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



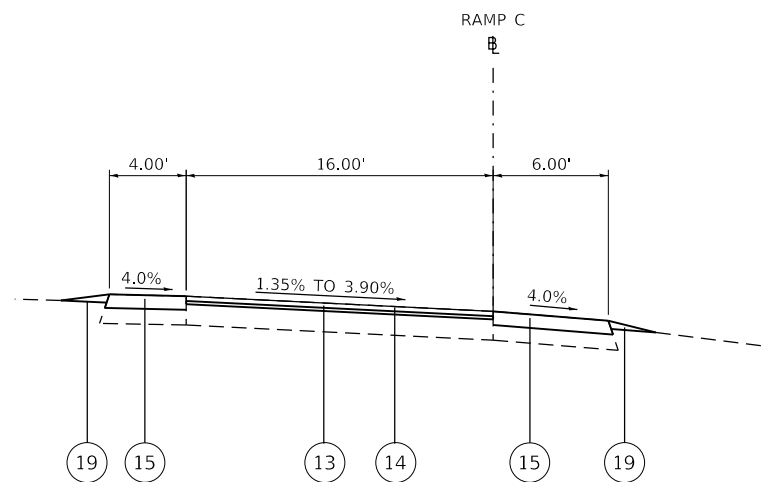
**EXISTING TYPICAL SECTION
RAMP C (LOOKING EAST)**

STA. 6+58.68 TO STA. 7+60.07



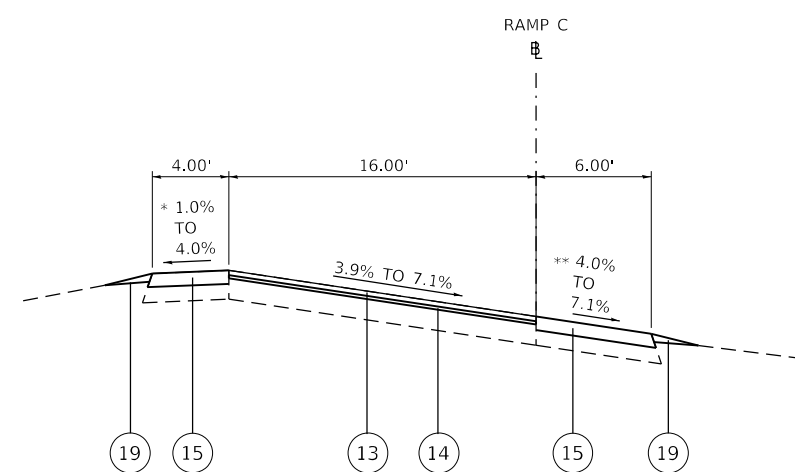
**EXISTING TYPICAL SECTION
RAMP C (LOOKING EAST)**

STA. 7+60.07 TO STA. 15+00.10



**PROPOSED TYPICAL SECTION
RAMP C (LOOKING EAST)**

STA. 6+78.12 TO STA. 7+60.07



**PROPOSED TYPICAL SECTION
RAMP C (LOOKING EAST)**

STA. 7+60.07 TO STA. 12+41.39

LEGEND

- | | | |
|--|--|---|
| ① EXISTING 9" PORTLAND CEMENT CONCRETE PAVEMENT | ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENTS, 12" | ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROPOSED 5" HOT-MIX ASPHALT SHOULDERS |
| ② EXISTING 9" HMA SHOULDER | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 | ⑰ PROPOSED PCC BASE COURSE 9" |
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑬ PROPOSED 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 | ⑱ PROPOSED 9" HOT-MIX ASPHALT SHOULDERS |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑭ PROPOSED 1" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | ⑲ AGGREGATE WEDGE SHOULDER, TYPE B |

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%

** SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%

NOTE: THERE IS EXISTING STABILIZED SUB-BASE BELOW THE EXISTING RAMP PAVEMENT.

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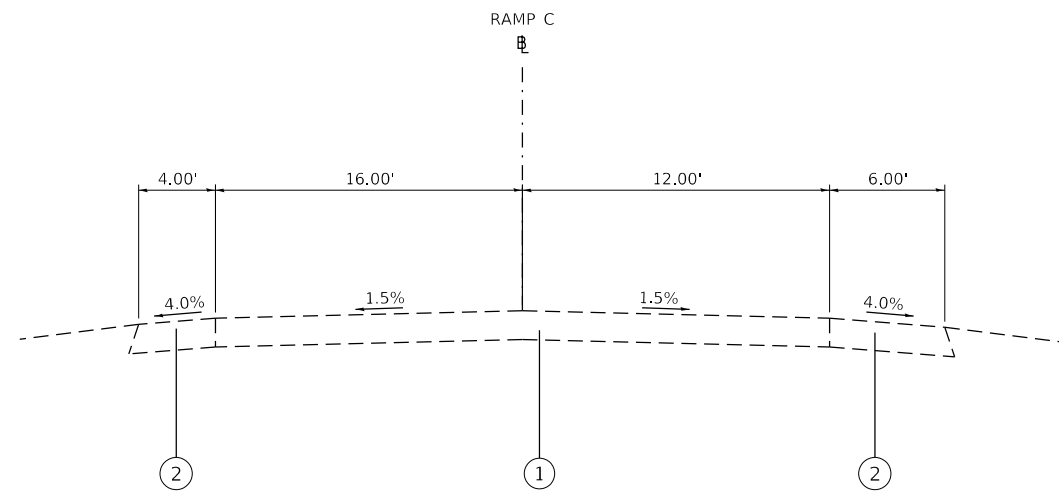
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PLOT DATE = 3/18/2020	CHECKED - BDS	REVISED -
	DATE - 3/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP C TYPICAL SECTIONS**

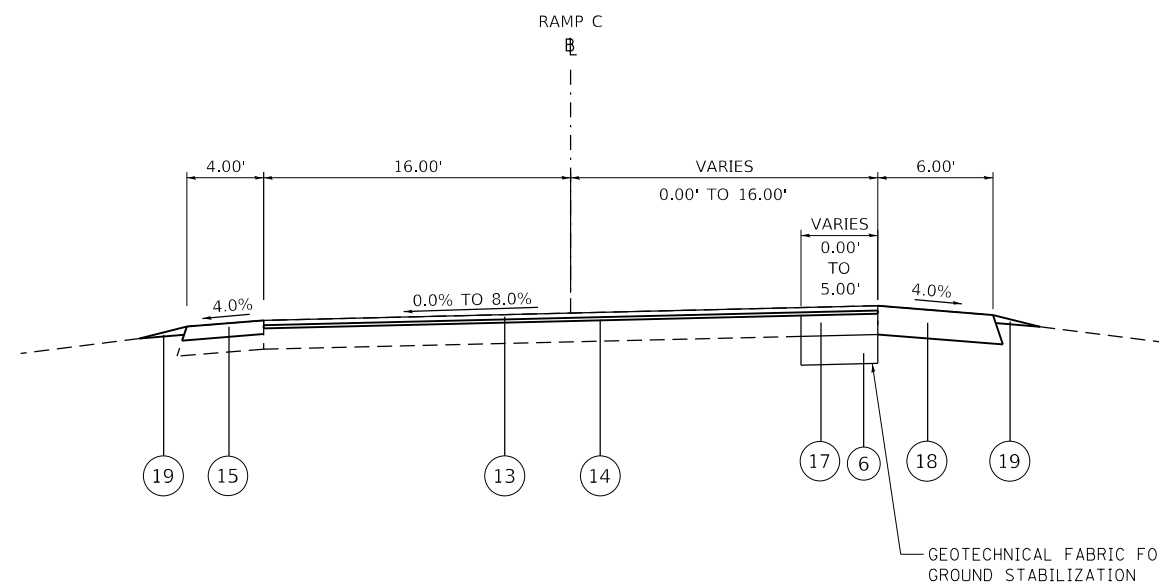
SCALE: NTS SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	39
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION
RAMP C (LOOKING EAST)**

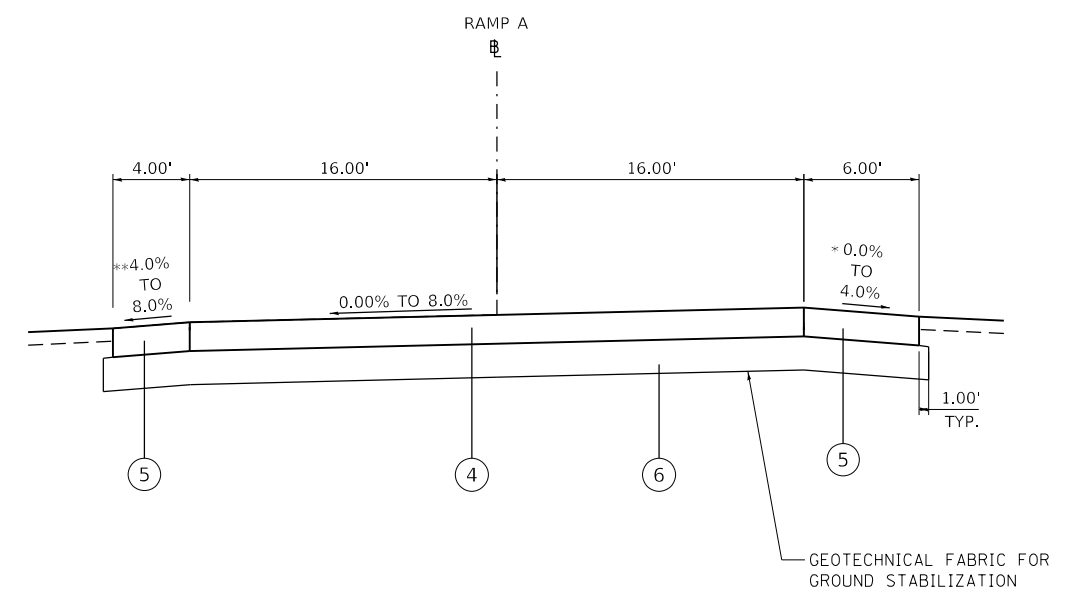
STA. 15+00.10 TO STA. 19+44.90



**PROPOSED TYPICAL SECTION
RAMP C (LOOKING EAST)**

STA. 12+41.39 TO STA. 16+00.00

STA. 12+41.39 TO STA. 13+75.00 TRANSITION FROM 7.10% TO 0.00% (SLOPED LEFT TO RIGHT)
STA. 13+75.00 TO STA. 16+00.00 TRANSITION FROM 0.00% TO 8.00% (SLOPED RIGHT TO LEFT)



**PROPOSED TYPICAL SECTION
RAMP C (LOOKING EAST)**

STA. 16+00.00 TO STA. 19+44.90

STA. 16+79.51 TO STA. 17+43.71 TRANSITION FROM 8.00% TO 5.36% (SLOPED RIGHT TO LEFT)
STA. 17+43.71 TO STA. 18+37.59 TRANSITION FROM 5.36% TO 1.50% (SLOPED RIGHT TO LEFT)
STA. 18+37.59 TO STA. 18+74.07 TRANSITION FROM 1.50% TO 0.00% (SLOPED RIGHT TO LEFT)
STA. 18+74.07 TO STA. 19+16.60 TRANSITION FROM 0.00% TO 1.50% (SLOPED LEFT TO RIGHT)
STA. 19+16.60 TO STA. 19+44.90 TRANSITION FROM 1.50% TO 2.81% (SLOPED LEFT TO RIGHT)

LEGEND

- | | | |
|--|--|---|
| ① EXISTING 9" PORTLAND CEMENT CONCRETE PAVEMENT | ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENTS, 12" | ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROPOSED 5" HOT-MIX ASPHALT SHOULDERS |
| ② EXISTING 9" HMA SHOULDER | ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24 | ⑰ PROPOSED PCC BASE COURSE 9" |
| ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) | ⑬ PROPOSED 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 | ⑱ PROPOSED 9" HOT-MIX ASPHALT SHOULDERS |
| ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9" | ⑭ PROPOSED 1" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | ⑲ AGGREGATE WEDGE SHOULDER, TYPE B |

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%

** SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%

NOTE: THERE IS EXISTING STABILIZED SUB-BASE BELOW THE EXISTING RAMP PAVEMENT.

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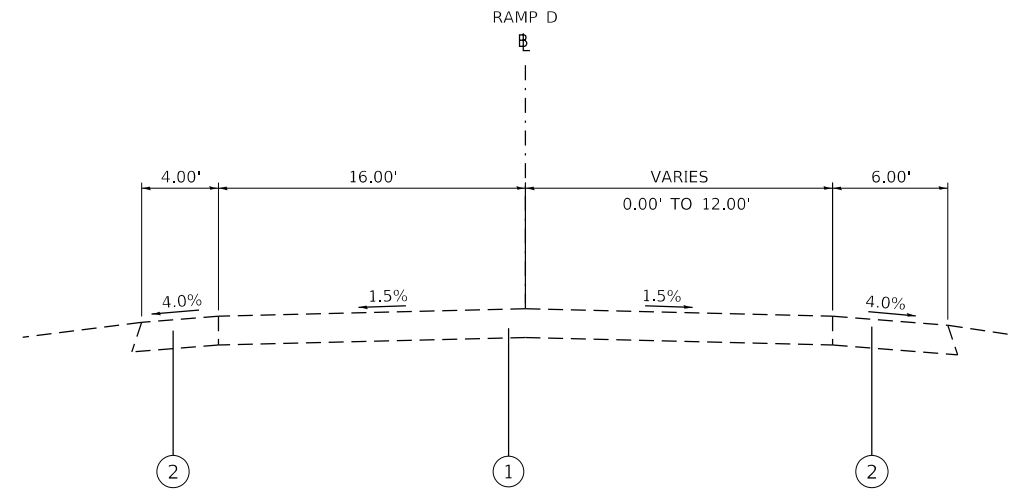
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	DATE - 3/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

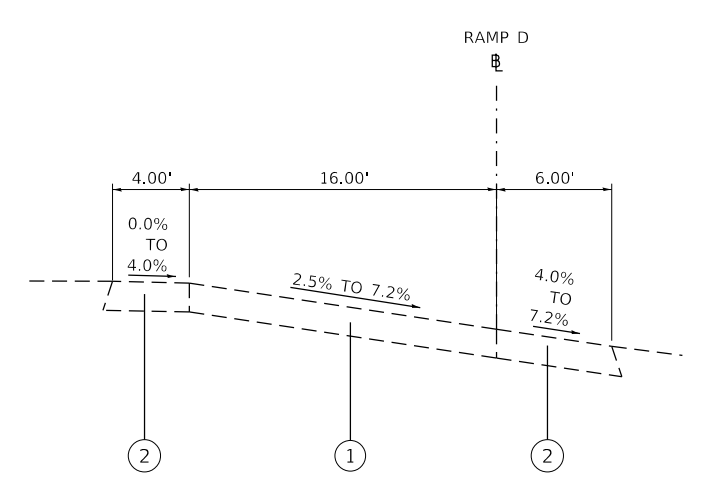
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP C TYPICAL SECTIONS**

SCALE: NTS SHEET 10 OF 11 SHEETS STA. TO STA.

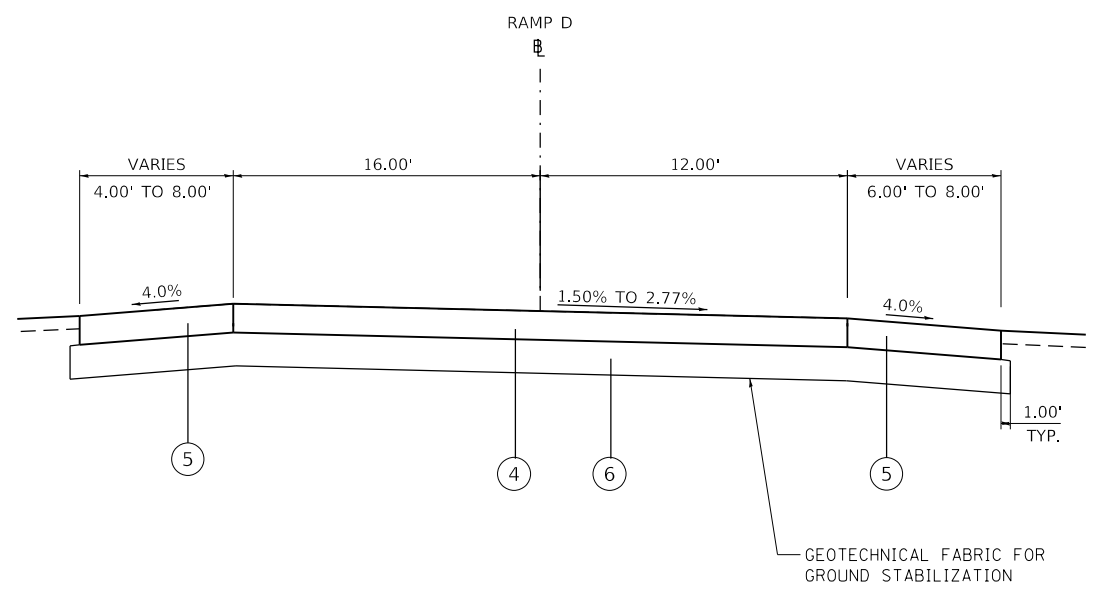
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	40
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



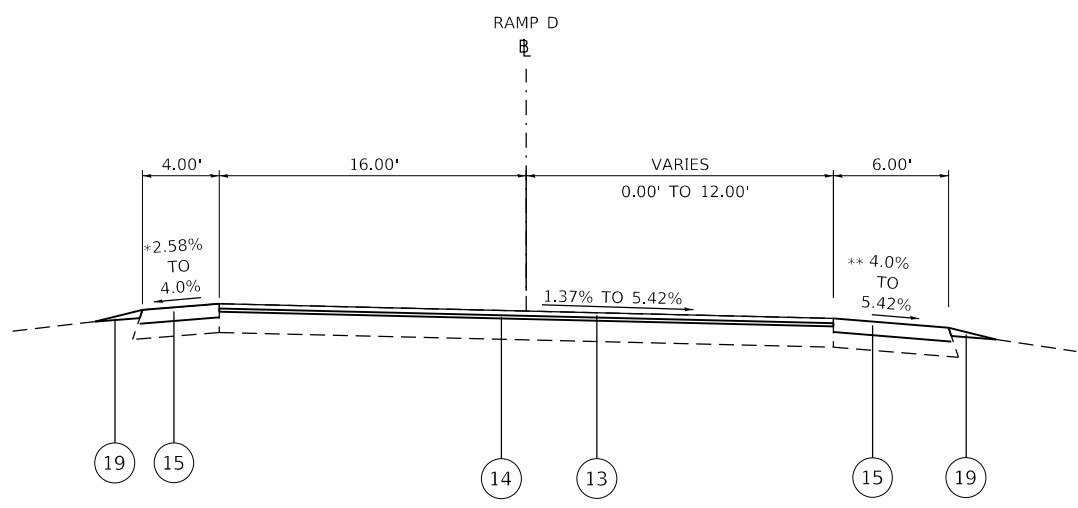
**EXISTING TYPICAL SECTION
RAMP D (LOOKING WEST)**
STA. 0+23.64 TO STA. 5+48.21



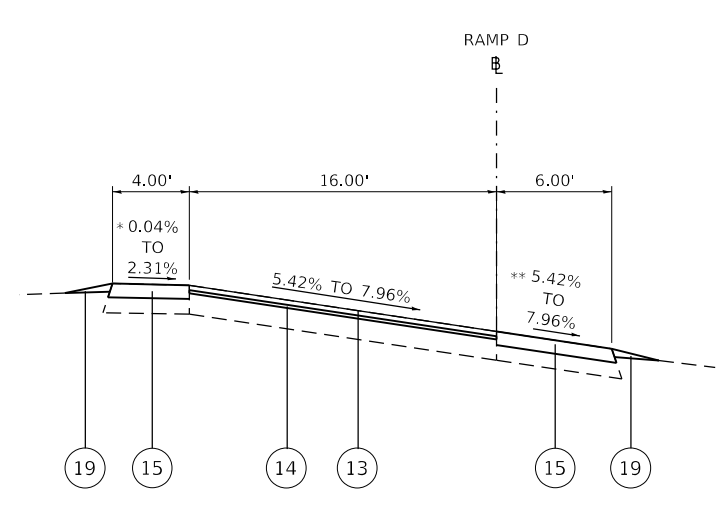
**EXISTING TYPICAL SECTION
RAMP D (LOOKING WEST)**
STA. 5+48.21 TO STA. 8+57.31



**PROPOSED TYPICAL SECTION
RAMP D (LOOKING WEST)**
STA. 0+23.64 TO STA. 1+24.40
STA. 0+23.64 TO STA. 0+53.07 TRANSITION FROM 2.77% TO 1.50% (SLOPED LEFT TO RIGHT)



**PROPOSED TYPICAL SECTION
RAMP D (LOOKING WEST)**
STA. 1+24.40 TO STA. 5+48.21



**PROPOSED TYPICAL SECTION
RAMP D (LOOKING WEST)**
STA. 5+48.21 TO STA. 8+57.31

LEGEND

- ① EXISTING 9" PORTLAND CEMENT CONCRETE PAVEMENT
- ② EXISTING 9" HMA SHOULDER
- ④ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
- ⑤ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ⑥ PROPOSED AGGREGATE SUBGRADE IMPROVEMENTS, 12"
- ⑧ PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ⑩ PROPOSED 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70
- ⑭ PROPOSED 1" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROPOSED 5" HOT-MIX ASPHALT SHOULDERS
- ⑰ PROPOSED PCC BASE COURSE 9"
- ⑱ PROPOSED 9" HOT-MIX ASPHALT SHOULDERS
- ⑲ AGGREGATE WEDGE SHOULDER, TYPE B

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%

** SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%

NOTE: THERE IS EXISTING STABILIZED SUB-BASE BELOW THE EXISTING RAMP PAVEMENT.

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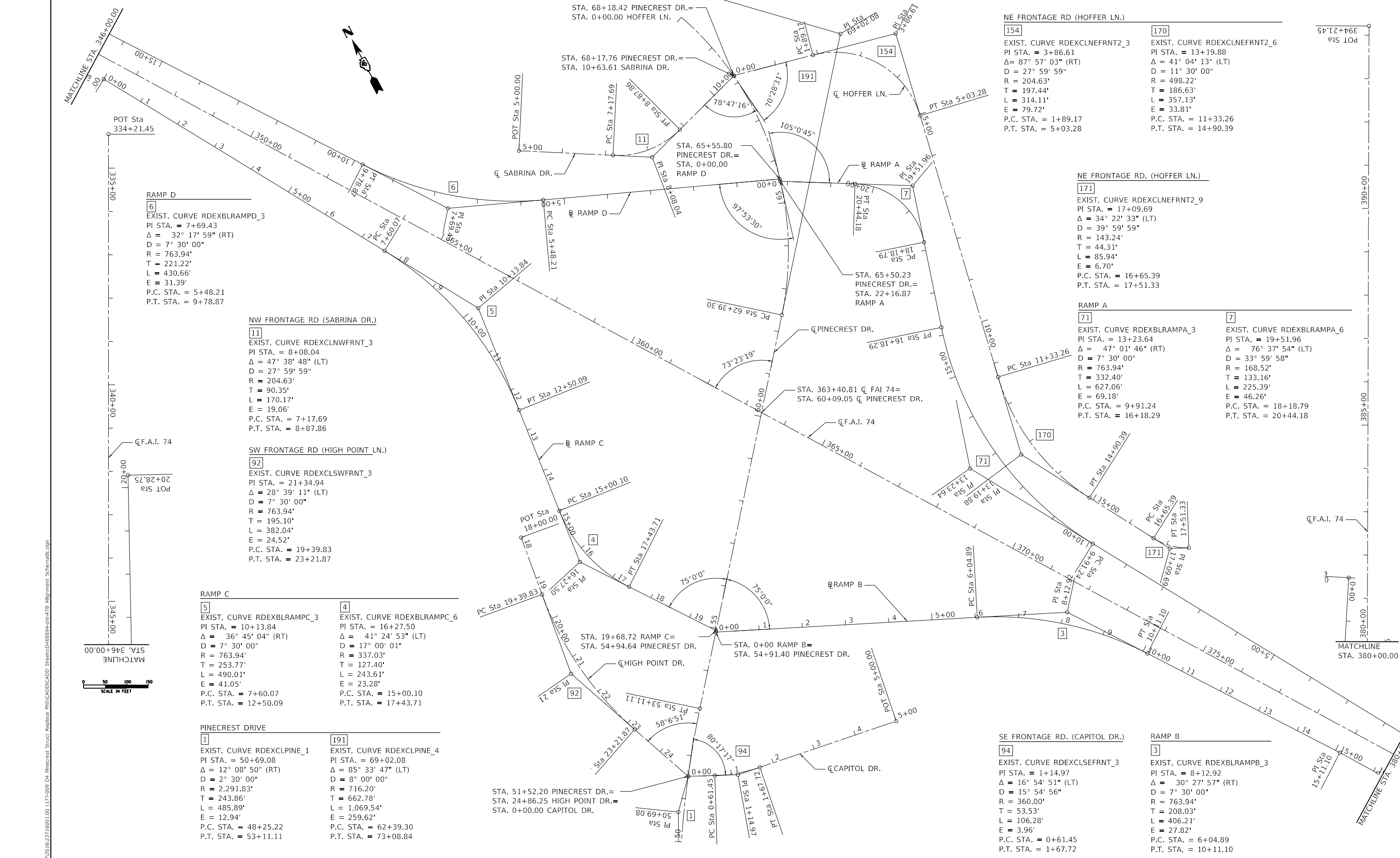
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP D TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	41
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



NE FRONTAGE RD (HOFFER LN.)

154
 EXIST. CURVE RDEXCLNEFRNT2_3
 PI STA. = 3+86.61
 Δ = 87° 57' 03" (RT)
 D = 27° 59' 59"
 R = 204.63'
 T = 197.44'
 L = 314.11'
 E = 79.72'
 P.C. STA. = 1+89.17
 P.T. STA. = 5+03.28

170
 EXIST. CURVE RDEXCLNEFRNT2_6
 PI STA. = 13+19.88
 Δ = 41° 04' 13" (LT)
 D = 11° 30' 00"
 R = 498.22'
 T = 186.63'
 L = 357.13'
 E = 33.81'
 P.C. STA. = 11+33.26
 P.T. STA. = 14+90.39

NE FRONTAGE RD. (HOFFER LN.)

171
 EXIST. CURVE RDEXCLNEFRNT2_9
 PI STA. = 17+09.69
 Δ = 34° 22' 33" (LT)
 D = 39° 59' 59"
 R = 143.24'
 T = 44.31'
 L = 85.94'
 E = 6.70'
 P.C. STA. = 16+65.39
 P.T. STA. = 17+51.33

RAMP A

71
 EXIST. CURVE RDEXBLRAMPA_3
 PI STA. = 13+23.64
 Δ = 47° 01' 46" (RT)
 D = 7° 30' 00"
 R = 763.94'
 T = 332.40'
 L = 627.06'
 E = 69.18'
 P.C. STA. = 9+91.24
 P.T. STA. = 16+18.29

7
 EXIST. CURVE RDEXBLRAMPA_6
 PI STA. = 19+51.96
 Δ = 76° 37' 54" (LT)
 D = 33° 59' 58"
 R = 168.52'
 T = 133.16'
 L = 225.39'
 E = 46.26'
 P.C. STA. = 18+18.79
 P.T. STA. = 20+44.18

RAMP D

6
 EXIST. CURVE RDEXBLRAMPD_3
 PI STA. = 7+69.43
 Δ = 32° 17' 59" (RT)
 D = 7° 30' 00"
 R = 763.94'
 T = 221.22'
 L = 430.66'
 E = 31.39'
 P.C. STA. = 5+48.21
 P.T. STA. = 9+78.87

NW FRONTAGE RD (SABRINA DR.)

11
 EXIST. CURVE RDEXCLNWRNT_3
 PI STA. = 8+08.04
 Δ = 47° 38' 48" (LT)
 D = 27° 59' 59"
 R = 204.63'
 T = 90.35'
 L = 170.17'
 E = 19.06'
 P.C. STA. = 7+17.69
 P.T. STA. = 8+87.86

SW FRONTAGE RD (HIGH POINT LN.)

92
 EXIST. CURVE RDEXCLSWFRNT_3
 PI STA. = 21+34.94
 Δ = 28° 39' 11" (LT)
 D = 7° 30' 00"
 R = 763.94'
 T = 195.10'
 L = 382.04'
 E = 24.52'
 P.C. STA. = 19+39.83
 P.T. STA. = 23+21.87

RAMP C

5
 EXIST. CURVE RDEXBLRAMPC_3
 PI STA. = 10+13.84
 Δ = 36° 45' 04" (RT)
 D = 7° 30' 00"
 R = 763.94'
 T = 253.77'
 L = 490.01'
 E = 41.05'
 P.C. STA. = 7+60.07
 P.T. STA. = 12+50.09

4
 EXIST. CURVE RDEXBLRAMPC_6
 PI STA. = 16+27.50
 Δ = 41° 24' 53" (LT)
 D = 17° 00' 01"
 R = 337.03'
 T = 127.40'
 L = 243.61'
 E = 23.28'
 P.C. STA. = 15+00.10
 P.T. STA. = 17+43.71

PINECREST DRIVE

1
 EXIST. CURVE RDEXCLPINE_1
 PI STA. = 50+69.08
 Δ = 12° 08' 50" (RT)
 D = 2° 30' 00"
 R = 2,291.83'
 T = 243.86'
 L = 485.89'
 E = 12.94'
 P.C. STA. = 48+25.22
 P.T. STA. = 53+11.11

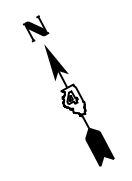
191
 EXIST. CURVE RDEXCLPINE_4
 PI STA. = 69+02.08
 Δ = 85° 33' 47" (LT)
 D = 8° 00' 00"
 R = 716.20'
 T = 662.78'
 L = 1,069.54'
 E = 259.62'
 P.C. STA. = 62+39.30
 P.T. STA. = 73+08.84

SE FRONTAGE RD. (CAPITOL DR.)

94
 EXIST. CURVE RDEXCLSEFRNT_3
 PI STA. = 1+14.97
 Δ = 16° 54' 51" (LT)
 D = 15° 54' 56"
 R = 360.00'
 T = 53.53'
 L = 106.28'
 E = 3.96'
 P.C. STA. = 0+61.45
 P.T. STA. = 1+67.72

RAMP B

3
 EXIST. CURVE RDEXBLRAMPB_3
 PI STA. = 8+12.92
 Δ = 30° 27' 57" (RT)
 D = 7° 30' 00"
 R = 763.94'
 T = 208.03'
 L = 406.21'
 E = 27.82'
 P.C. STA. = 6+04.89
 P.T. STA. = 10+11.10



MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replacement_PhilCADD\CADD_Sheets\14-68894-1-1-177-2009_04_Pinecrest_Struct_Replacement_PhilCADD\CADD_Sheets\14-68894-1-1-177-2009_04_Pinecrest_Struct_Replacement_Schematic.dwg
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USER NAME = bmwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
ALIGNMENT, TIES AND BENCHMARKS**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	42
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

CENTERLINE FAI 74 (CHAIN: RDEXCLFAI74)
POINT RDEXCLFAI741 N 1,450,241.5190 E 2,467,903.6796 STA 334+21.45
COURSE FROM RDEXCLFAI741 TO RDEXCLFAI742 S 61° 37' 06.96" E DIST. 6,000.0000
POINT RDEXCLFAI742 N 1,447,389.4872 E 2,473,182.4971 STA 394+21.45

BASELINE EB FAI 74 (CHAIN: RBLEEB74A)
POINT 76 N 1,450,223.9230 E 2,467,894.1728 STA 334+21.45
COURSE FROM 76 TO 77 S 61° 37' 06.96" E DIST. 6,000.0000
POINT 77 N 1,447,371.8912 E 2,473,172.9904 STA 394+21.45

BASELINE WB FAI 74 (CHAIN: RBLEWB74A)
POINT 80 N 1,450,259.1151 E 2,467,913.1864 STA 334+21.45
COURSE FROM 80 TO 81 S 61° 37' 06.96" E DIST. 6,000.0000
POINT 81 N 1,447,407.0833 E 2,473,192.0039 STA 394+21.45

BASELINE RAMP A (CHAIN: RDEXBLRAMPA)
POINT RDEXBLRAMPA1 N 1,448,033.2783 E 2,472,082.2909 STA 0+00.00
COURSE FROM RDEXBLRAMPA1 TO PC RDEXBLRAMPA_3 N 58° 30' 07.45" W DIST. 991.2359

CURVE

[71]

CURVE RDEXBLRAMPA_3
P.I. STATION 13+23.64 N 1,448,724.8378 E 2,470,953.6770
DELTA = 47° 01' 46.23" (RT)
DEGREE = 7° 30' 00.13"
TANGENT = 332.4045
LENGTH = 627.0570
RADIUS = 763.9400
EXTERNAL = 69.1849
LONG CHORD = 609.6015
MID. ORD. = 63.4396
P.C. STATION 9+91.24 N 1,448,551.1671 E 2,471,237.1047
P.T. STATION 16+18.29 N 1,449,050.6008 E 2,470,887.5622
C.C. N 1,449,202.5475 E 2,471,636.2387
BACK = N 58° 30' 07.45" W
AHEAD = N 11° 28' 21.22" W
CHORD BEAR= N 34° 59' 14.33" W
COURSE FROM PT RDEXBLRAMPA_3 TO PC RDEXBLRAMPA_6 N 11° 28' 21.22" W DIST. 200.5011

Curve

[7]

CURVE RDEXBLRAMPA_6
P.I. STATION 19+51.96 N 1,449,377.5997 E 2,470,821.1965
DELTA = 76° 37' 53.60" (LT)
DEGREE = 33° 59' 57.82"
TANGENT = 133.1644
LENGTH = 225.3909
RADIUS = 168.5200
EXTERNAL = 46.2631
LONG CHORD = 208.9632
MID. ORD. = 36.2983
P.C. STATION 18+18.79 N 1,449,247.0959 E 2,470,847.6828
P.T. STATION 20+44.18 N 1,449,382.0053 E 2,470,688.1050
C.C. N 1,449,213.5775 E 2,470,682.5298
BACK = N 11° 28' 21.22" W
AHEAD = N 88° 06' 14.82" W
CHORD BEAR= N 49° 47' 18.02" W
COURSE FROM PT RDEXBLRAMPA_6 TO RDEXBLRAMPA8 N 88° 06' 14.82" W DIST. 172.6856
POINT RDEXBLRAMPA8 N 1,449,387.7183 E 2,470,515.5140 STA 22+16.87

BASELINE RAMP B (CHAIN: RDEXBLRAMPB)
POINT RDEXBLRAMPB1 N 1,448,347.0707 E 2,470,366.5438 STA 0+00.00
COURSE FROM RDEXBLRAMPB1 TO PC RDEXBLRAMPB_3 N 86° 46' 12.54" E DIST. 604.8916

CURVE

[3]

CURVE RDEXBLRAMPB_3
P.I. STATION 8+12.92 N 1,448,392.8720 E 2,471,178.1725
DELTA = 30° 27' 56.58" (RT)
DEGREE = 7° 30' 00.13"
TANGENT = 208.0284
LENGTH = 406.2076
RADIUS = 763.9400
EXTERNAL = 27.8176
LONG CHORD = 401.4391
MID. ORD. = 26.8403
P.C. STATION 6+04.89 N 1,448,381.1513 E 2,470,970.4745
P.T. STATION 10+11.10 N 1,448,297.6668 E 2,471,363.1368
C.C. N 1,447,618.4248 E 2,471,013.5162
BACK = N 86° 46' 12.54" E
AHEAD = S 62° 45' 50.88" E
CHORD BEAR= S 77° 59' 49.17" E
COURSE FROM PT RDEXBLRAMPB_3 TO RDEXBLRAMPB6 S 62° 45' 50.88" E DIST. 500.0016
PINT RDEXBLRAMPB6 N 1,448,068.8388 E 2,471,807.7033 STA 15+11.10
COURSE FROM RDEXBLRAMPB6 TO RDEXBLRAMPB7 S 61° 15' 50.73" E DIST. 100.0333
POINT RDEXBLRAMPB7 N 1,448,020.7455 E 2,471,895.4170 STA 16+11.13

BASELINE RAMP C (CHAIN: RDEXBLRAMPC)
POINT RDEXBLRAMPC1 N 1,449,623.6824 E 2,468,952.9592 Sta 0+00.00
COURSE FROM RDEXBLRAMPC1 TO PC RDEXBLRAMPC_3 S 58° 33' 58.56" E DIST. 760.0721

CURVE

[5]

CURVE RDEXBLRAMPC_3
P.I. STATION 10+13.84 N 1,449,094.9526 E 2,469,818.0120
DELTA = 36° 45' 04.40" (RT)
DEGREE = 7° 30' 00.13"
TANGENT = 253.7679
LENGTH = 490.0139

RADIUS = 763.9400
EXTERNAL = 41.0460
LONG CHORD = 481.6567
MID. ORD. = 38.9531
P.C. STATION 7+60.07 N 1,449,227.2956 E 2,469,601.4861
P.T. STATION 12+50.09 N 1,448,859.3574 E 2,469,912.3151
C.C. N 1,448,575.4685 E 2,469,203.0821
BACK = S 58° 33' 58.56" E
AHEAD = S 21° 48' 54.16" E
CHORD BEAR= S 40° 11' 26.36" E
COURSE FROM PT RDEXBLRAMPC_3 TO PC RDEXBLRAMPC_6 S 21° 48' 54.16" E DIST. 250.0093

CURVE

[4]

CURVE RDEXBLRAMPC_6
P.I. STATION 16+27.50 N 1,448,508.9725 E 2,470,052.5658
DELTA = 41° 24' 53.30" (LT)
DEGREE = 17° 00' 00.73"
TANGENT = 127.4028
LENGTH = 243.6136
RADIUS = 337.0300
EXTERNAL = 23.2764
LONG CHORD = 238.3447
MID. ORD. = 21.7727
P.C. STATION 15+00.10 N 1,448,627.2517 E 2,470,005.2215
P.T. STATION 17+43.71 N 1,448,451.5887 E 2,470,166.3136
C.C. N 1,448,752.4960 E 2,470,318.1162
BACK = S 21° 48' 54.16" E
AHEAD = S 63° 13' 47.46" E
CHORD BEAR= S 42° 31' 20.81" E
COURSE FROM PT RDEXBLRAMPC_6 TO RDEXBLRAMPC8 S 63° 13' 47.46" E DIST. 225.0072
POINT RDEXBLRAMPC8 N 1,448,350.2426 E 2,470,367.2047 STA 19+68.72

BASELINE RAMP D (CHAIN: RDEXBLRAMPD)
POINT RDEXBLRAMPD1 N 1,449,393.1383 E 2,470,514.2300 STA 0+00.00
COURSE FROM RDEXBLRAMPD1 TO PC RDEXBLRAMPD_3 S 84° 56' 09.27" W DIST. 548.2130

CURVE

[6]

CURVE RDEXBLRAMPD_3
P.I. STATION 7+69.43 N 1,449,325.2204 E 2,469,747.8011
DELTA = 32° 17' 58.51" (RT)
DEGREE = 7° 30' 00.13"
TANGENT = 221.2193
LENGTH = 430.6590
RADIUS = 763.9400
EXTERNAL = 31.3853
LONG CHORD = 424.9791
MID. ORD. = 30.1468
P.C. STATION 5+48.21 N 1,449,344.7475 E 2,469,968.1569
P.T. STATION 9+78.87 N 1,449,426.4612 E 2,469,551.1077
C.C. N 1,450,105.7055 E 2,469,900.7239
BACK = S 84° 56' 09.27" W
AHEAD = N 62° 45' 52.22" W
CHORD BEAR= N 78° 54' 51.48" W
COURSE FROM PT RDEXBLRAMPD_3 TO RDEXBLRAMPD5 N 62° 45' 52.22" W DIST. 1,049.8749
POINT RDEXBLRAMPD5 N 1,449,906.9352 E 2,468,617.6293 STA 20+28.75

CENTERLINE HOFFER LANE (CHAIN: RDEXCLNEFRNT2)
POINT RDEXCLNEFRNT21 N 1,449,631.6106 E 2,470,407.7835 STA 0+00.00
COURSE FROM RDEXCLNEFRNT21 TO PC RDEXCLNEFRNT2_3 N 75° 26' 26.76" E DIST. 189.1708

CURVE

[154]

CURVE RDEXCLNEFRNT2_3
P.I. STATION 3+86.61 N 1,449,728.7970 E 2,470,781.9788
DELTA = 87° 57' 02.93" (RT)
DEGREE = 27° 59' 58.91"
TANGENT = 197.4392
LENGTH = 314.1135
RADIUS = 204.6300
EXTERNAL = 79.7213
LONG CHORD = 284.1695
MID. ORD. = 57.3705
P.C. STATION 1+89.17 N 1,449,679.1645 E 2,470,590.8797
P.T. STATION 5+03.28 N 1,449,539.5948 E 2,470,838.4127
C.C. N 1,449,481.1056 E 2,470,642.3197
BACK = N 75° 26' 26.76" E
AHEAD = S 16° 36' 30.31" E
CHORD BEAR= S 60° 35' 01.78" E
COURSE FROM PT RDEXCLNEFRNT2_3 TO PC RDEXCLNEFRNT2_6 S 16° 36' 30.31" E DIST. 629.9708

CURVE

[170]

CCURVE RDEXCLNEFRNT2_6
P.I. STATION 13+19.88 N 1,448,757.0667 E 2,471,071.8197
DELTA = 41° 04' 13.06" (LT)
DEGREE = 11° 30' 00.35"
TANGENT = 186.6253
LENGTH = 357.1300
RADIUS = 498.2200
EXTERNAL = 33.8065
LONG CHORD = 349.5331
MID. ORD. = 31.6583
P.C. STATION 11+33.26 N 1,448,935.9060 E 2,471,018.4767
P.T. STATION 14+90.39 N 1,448,657.2844 E 2,471,229.5298
C.C. N 1,449,078.3118 E 2,471,495.9113
BACK = S 16° 36' 30.31" E
AHEAD = S 57° 40' 43.37" E
CHORD BEAR= S 37° 08' 36.84" E
COURSE FROM PT RDEXCLNEFRNT2_6 TO PC RDEXCLNEFRNT2_9 S 57° 40' 43.37" E DIST. 175.0000

CURVE

[171]

CURVE RDEXCLNEFRNT2_9
P.I. STATION 17+09.69 N 1,448,540.0283 E 2,471,414.8582
DELTA = 34° 22' 33.12" (LT)
DEGREE = 39° 59' 59.45"
TANGENT = 44.3071
LENGTH = 85.9400
RADIUS = 143.2400
EXTERNAL = 6.6961
LONG CHORD = 84.6568
MID. ORD. = 6.3970
P.C. STATION 16+65.39 N 1,448,563.7178 E 2,471,377.4159
P.T. STATION 17+51.33 N 1,448,541.6168 E 2,471,459.1369
C.C. N 1,448,684.7647 E 2,471,454.0015
BACK = S 57° 40' 43.37" E
AHEAD = N 87° 56' 43.50" E
CHORD BEAR= S 74° 51' 59.93" E

CENTERLINE SABRINA DRIVE (CHAIN: RDEXCLNWRNT)
POINT RDEXCLNWRNT1 N 1,449,458.2814 E 2,469,911.8734 STA 5+00.00
COURSE FROM RDEXCLNWRNT1 TO PC RDEXCLNWRNT_3 S 87° 13' 10.24" E DIST. 217.6877

CURVE

[11]

CURVE RDEXCLNWRNT_3
P.I. STATION 8+08.04 N 1,449,443.3385 E 2,470,219.5507
DELTA = 47° 38' 48.25" (LT)
DEGREE = 27° 59' 58.91"
TANGENT = 90.3523
LENGTH = 170.1688
RADIUS = 204.6300
EXTERNAL = 19.0595
LONG CHORD = 165.3077
MID. ORD. = 17.4355
P.C. STATION 7+17.69 N 1,449,447.7215 E 2,470,129.3048
P.T. STATION 8+87.86 N 1,449,507.0779 E 2,470,283.5884
C.C. N 1,449,652.1106 E 2,470,139.2313
BACK = S 87° 13' 10.24" E
AHEAD = N 45° 08' 01.51" E
CHORD BEAR= N 68° 57' 25.63" E
COURSE FROM PT RDEXCLNWRNT_3 TO RDEXCLNWRNT5 N 45° 08' 01.51" E DIST. 175.5757
POINT RDEXCLNWRNT5 N 1,449,631.0669 E 2,470,408.1577 STA 10+63.61

CENTERLINE PINECREST (CHAIN: RDEXCLPINE)
CURVE

[1]

CURVE RDEXCLPINE_1
P.I. STATION 50+69.08 N 1,447,931.8390 E 2,470,280.0231
DELTA = 12° 08' 50.00" (RT)
DEGREE = 2° 30' 00.00"
TANGENT = 243.8584
LENGTH = 485.8886
RADIUS = 2,291.8300
EXTERNAL = 12.9372
LONG CHORD = 484.9792
MID. ORD. = 12.8645
P.C. STATION 48+25.22 N 1,447,687.9859 E 2,470,281.6280
P.T. STATION 53+11.11 N 1,448,170.5700 E 2,470,329.7668
C.C. N 1,447,703.0686 E 2,472,573.4083
BACK = N 0° 22' 37.46" W
AHEAD = N 11° 46' 12.54" E
CHORD BEAR= N 5° 41' 47.54" E
COURSE FROM PT RDEXCLPINE_1 TO PC RDEXCLPINE_4 N 11° 46' 12.54" E DIST. 928.1920

CURVE

[191]

CURVE RDEXCLPINE_4
P.I. STATION 69+02.08 N 1,449,728.0895 E 2,470,654.3029
DELTA = 85° 33' 46.96" (LT)
DEGREE = 7° 59' 59.89"
TANGENT = 662.7796
LENGTH = 1,069.5422
RADIUS = 716.2000
EXTERNAL = 259.6172
LONG CHORD = 972.8927
MID. ORD. = 190.5458
P.C. STATION 62+39.30 N 1,449,079.2457 E 2,470,519.1051
P.T. STATION 73+08.84 N 1,449,913.0780 E 2,470,017.8628
C.C. N 1,449,225.3405 E 2,469,817.9640
BACK = N 11° 46' 12.54" E
AHEAD = N 73° 47' 34.42" W
CHORD BEAR= N 31° 00' 40.94" W
COURSE FROM PT RDEXCLPINE_4 TO PC RDEXCLPINE_7 N 73° 47' 34.42" W DIST. 41.3247

MODEL: D:\msh\
FILE NAME: S:\23730\0623716001\00_1177-2009_D4_Pinecrest_Struct_Replace_PNHUCADD\CADD_Sheets\D468894-PLN-ATB_Curve_Data.dgn



Table with columns for USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISIONS, and STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION logo.

Table with project details: PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT ALIGNMENT, TIES AND BENCHMARKS. Includes SCALE and SHEET information.

Table with project summary: F.A.I. RTE., SECTION (90-14HB-1)BR1, COUNTY (TAZEWELL), TOTAL SHEETS (212), SHEET NO. (43), CONTRACT NO. (68894), and ILLINOIS FED. AID PROJECT.

CURVE

192

CURVE RDEXCLPINE_7
 P.I. STATION 74+50.38 N 1,449,952.5834 E 2,469,881.9475
 DELTA = 9° 09' 33.23" (RT)
 DEGREE = 4° 34' 46.28"
 TANGENT = 100.2155
 LENGTH = 200.0040
 RADIUS = 1,251.1300
 EXTERNAL = 4.0072
 LONG CHORD = 199.7911
 MID. ORD. = 3.9944
 P.C. STATION 73+50.17 N 1,449,924.6122 E 2,469,978.1803
 P.T. STATION 75+50.17 N 1,449,995.5161 E 2,469,791.3940
 C.C. N 1,451,126.0211 E 2,470,327.3835
 BACK = N 73° 47' 34.42" W
 AHEAD = N 64° 38' 01.19" W
 CHORD BEAR= N 69° 12' 47.80" W
 COURSE FROM PT RDEXCLPINE_7 TO PC RDEXCLPINE_10 N 64° 38' 01.19" W DIST. 43.7742

CURVE

193

CURVE RDEXCLPINE_10
 P.I. STATION 76+93.95 N 1,450,057.1097 E 2,469,661.4812
 DELTA = 22° 20' 11.56" (RT)
 DEGREE = 11° 18' 42.75"
 TANGENT = 100.0002
 LENGTH = 197.4610
 RADIUS = 506.5100
 EXTERNAL = 9.7772
 LONG CHORD = 196.2130
 MID. ORD. = 9.5920
 P.C. STATION 75+93.95 N 1,450,014.2692 E 2,469,751.8402
 P.T. STATION 77+91.41 N 1,450,131.0764 E 2,469,594.1836
 C.C. N 1,450,471.9451 E 2,469,968.8312
 BACK = N 64° 38' 01.19" W
 AHEAD = N 42° 17' 49.63" W
 CHORD BEAR= N 53° 27' 55.41" W
 COURSE FROM PT RDEXCLPINE_10 TO RDEXCLPINE12 N 42° 17' 49.63" W DIST. 49.9998
 POINT RDEXCLPINE12 N 1,450,168.0595 E 2,469,560.5349 STA 78+41.41

CENTERLINE CAPITAL DRIVE (CHAIN: RDEXCLSEFRNT)
 POINT RDEXCLSEFRNT1 N 1,448,014.0041 E 2,470,302.7688 STA 0+00.00
 COURSE FROM RDEXCLSEFRNT1 TO PC RDEXCLSEFRNT_3 N 88° 11' 27.22" E DIST. 61.4478

CURVE

94

CURVE RDEXCLSEFRNT_3
 P.I. STATION 1+14.97 N 1,448,017.6338 E 2,470,417.6864
 DELTA = 16° 54' 51.41" (LT)
 DEGREE = 15° 54' 55.78"
 TANGENT = 53.5271
 LENGTH = 106.2756
 RADIUS = 360.0000
 EXTERNAL = 3.9576
 LONG CHORD = 105.8901
 MID. ORD. = 3.9146
 P.C. STATION 0+61.45 N 1,448,015.9440 E 2,470,364.1860
 P.T. STATION 1+67.72 N 1,448,034.8160 E 2,470,468.3807
 C.C. N 1,448,375.7645 E 2,470,352.8209
 BACK = N 88° 11' 27.22" E
 AHEAD = N 71° 16' 35.81" E
 CHORD BEAR= N 79° 44' 01.52" E
 COURSE FROM PT RDEXCLSEFRNT_3 TO RDEXCLSEFRNT5 N 71° 16' 35.81" E DIST. 332.2801
 POINT RDEXCLSEFRNT5 N 1,448,141.4778 E 2,470,783.0764 STA 5+00.00

CENTERLINE HIGH POINT LANE (CHAIN: RDEXCLSWFRNT)
 POINT RDEXCLSWFRNT1 N 1,448,565.3351 E 2,469,917.0758 STA 18+00.00
 COURSE FROM RDEXCLSWFRNT1 TO PC RDEXCLSWFRNT_3 S 20° 07' 54.02" E DIST. 139.8338

CURVE

92

CURVE RDEXCLSWFRNT_3
 P.I. STATION 21+34.94 N 1,448,250.8619 E 2,470,032.3538
 DELTA = 28° 39' 10.99" (LT)
 DEGREE = 7° 30' 00.13"
 TANGENT = 195.1026
 LENGTH = 382.0388
 RADIUS = 763.9400
 EXTERNAL = 24.5201
 LONG CHORD = 378.0703
 MID. ORD. = 23.7576
 P.C. STATION 19+39.83 N 1,448,434.0445 E 2,469,965.2037
 P.T. STATION 23+21.87 N 1,448,122.3108 E 2,470,179.1177
 C.C. N 1,448,696.9764 E 2,470,682.4701
 BACK = S 20° 07' 54.02" E
 AHEAD = S 48° 47' 05.01" E
 CHORD BEAR= S 34° 27' 29.52" E
 COURSE FROM PT RDEXCLSWFRNT_3 TO RDEXCLSWFRNT5 S 48° 47' 05.01" E DIST. 164.3774
 POINT RDEXCLSWFRNT5 N 1,448,014.0041 E 2,470,302.7688 STA 24+86.25

HORIZONTAL CONTROL POINTS						
POINT #	NORTHING	EASTING	CHAIN	STATION	OFFSET	DESCRIPTION
1	1448691.784	2470472.478	PINECREST	58+50.47	33.39' RT	SET 5/8" REBAR AND CAP
2	1448982.713	2470458.319	PINECREST	61+32.40	39.82' LT	SET 5/8" REBAR AND CAP
3	1449363.344	2469638.761	FAI 74	353+65.41	52.13' LT	SET MAG NAIL
4	1449306.002	2469517.105	FAI 74	352+85.64	56.15' RT	SET MAG NAIL
5	1448361.390	2471262.914	FAI 74	372+70.62	57.37' RT	SET MAG NAIL

BENCHMARK	
DESCRIPTION	ELEVATION
CHISELED SQUARE ON NORTH END OF PARAPET WALL AT NORTHEAST CORNER OF SN 090-0091	733.04

MODEL: D:\dgn\...
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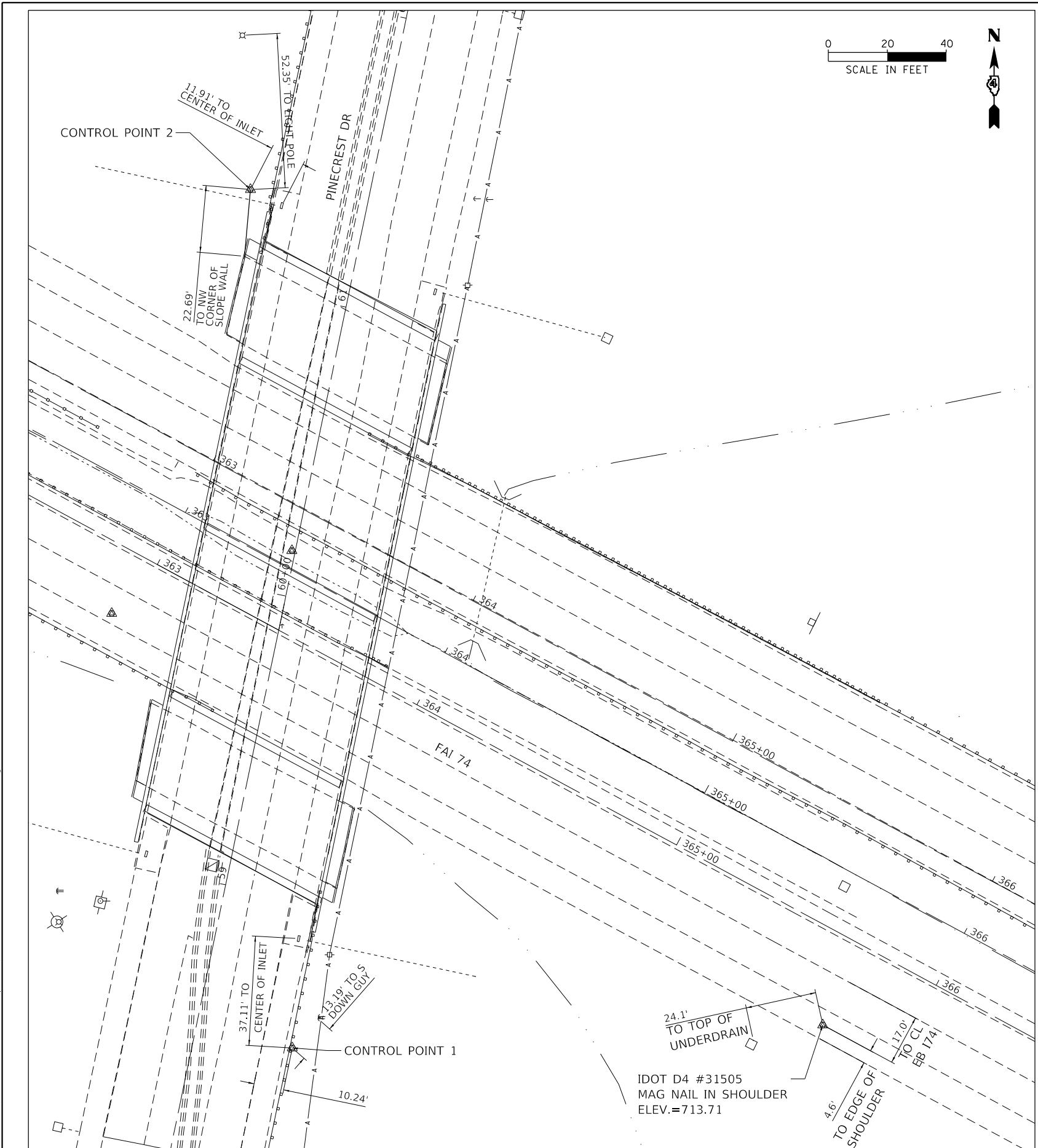
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	DRAWN -	REVISED -
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PLOT DATE = 3/25/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

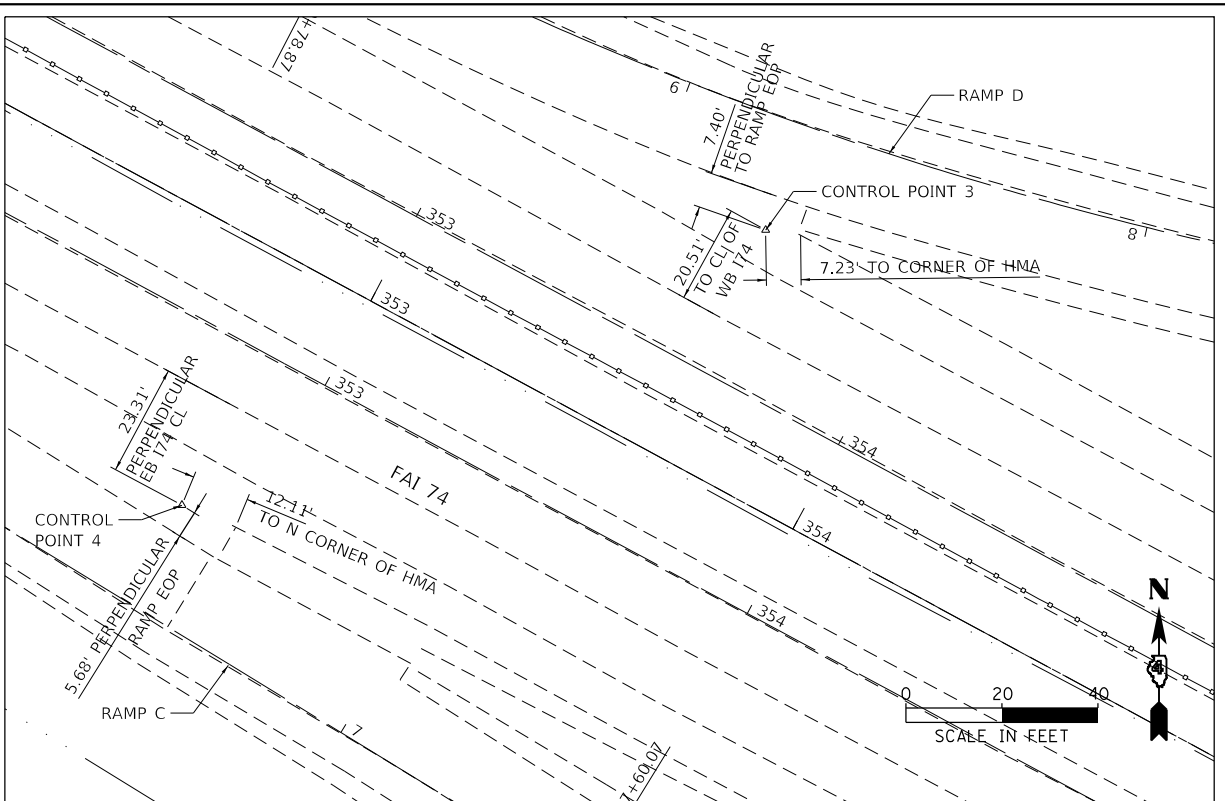
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

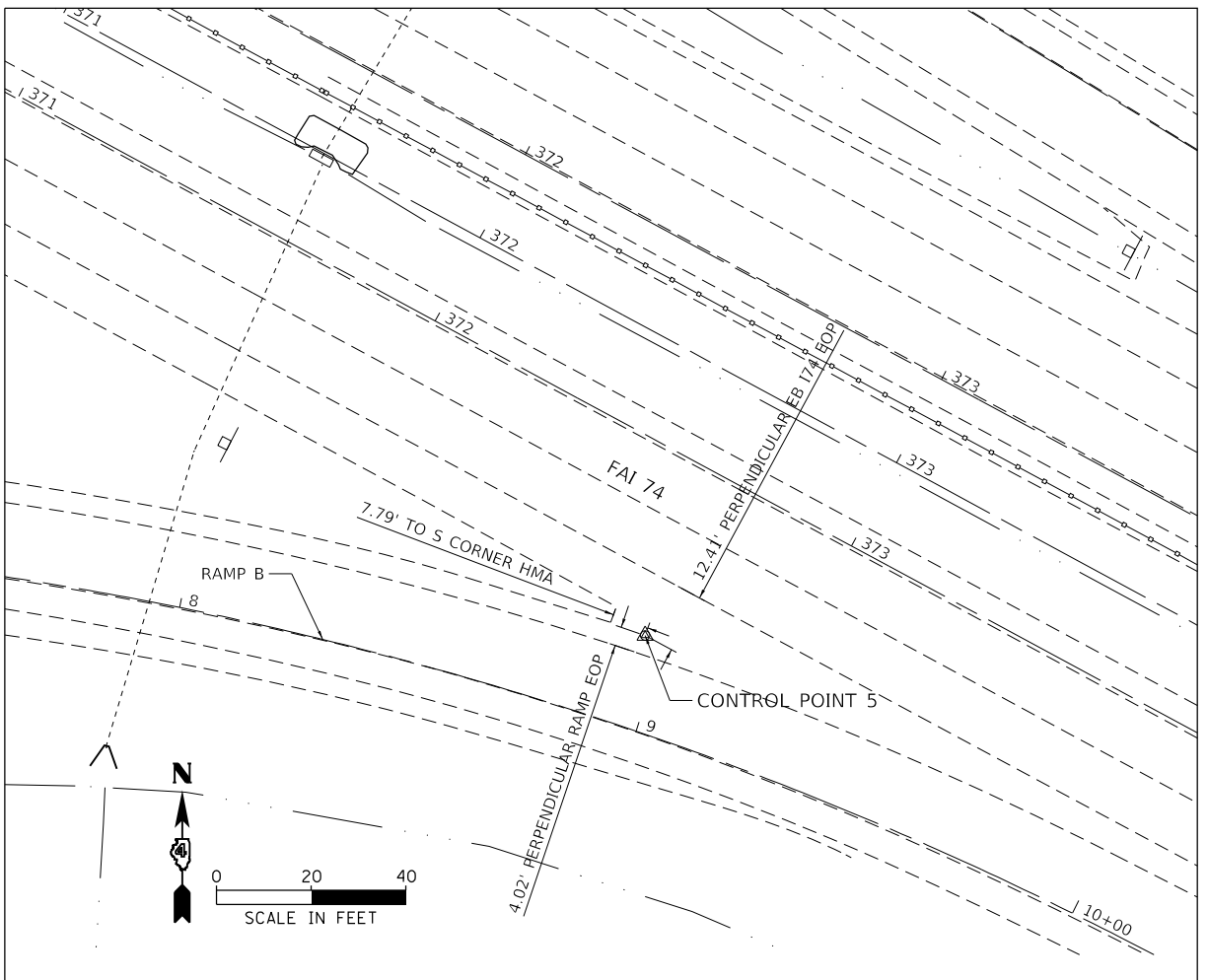
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	44
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



CONTROL POINT 1, 2, BM #31505



CONTROL POINT 3, 4



CONTROL POINT 5

MODEL: D:\mst\...
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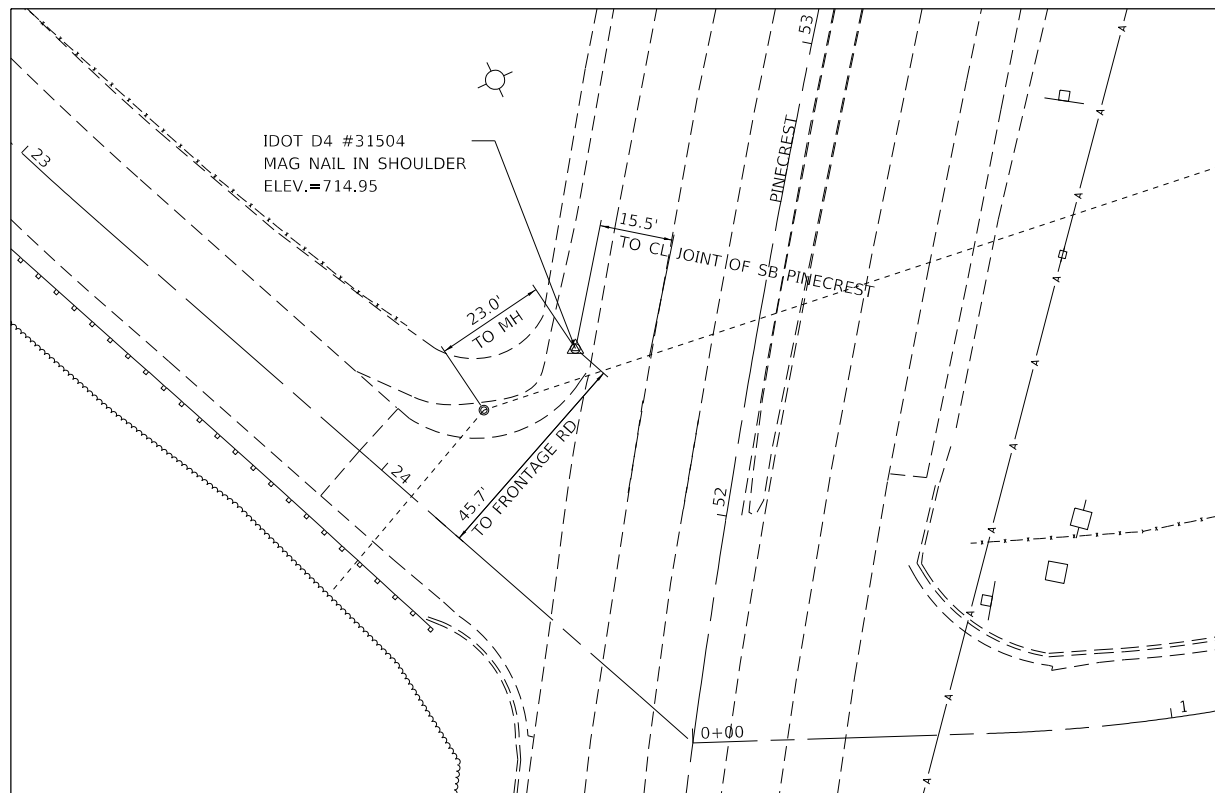


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	DATE -	REVISED -

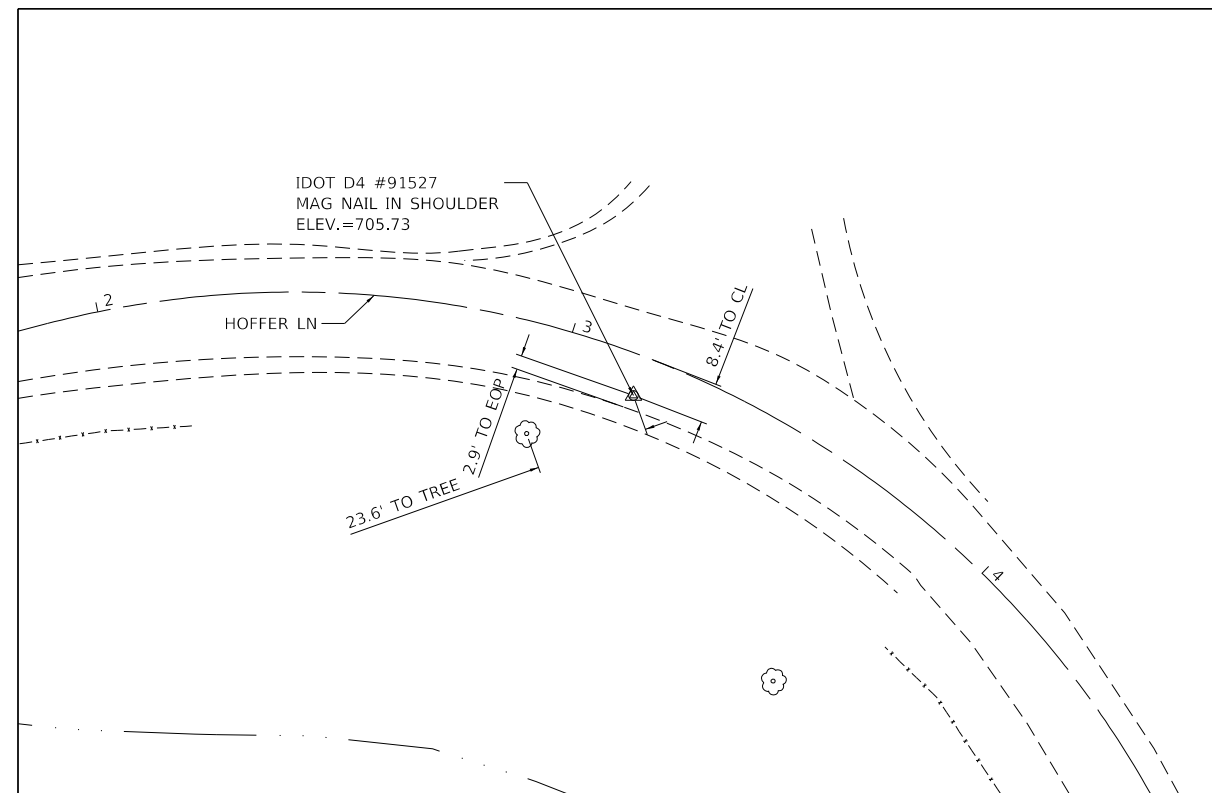
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT ALIGNMENT, TIES AND BENCHMARKS			
SCALE:	SHEET 4	OF 5 SHEETS	STA. TO STA.

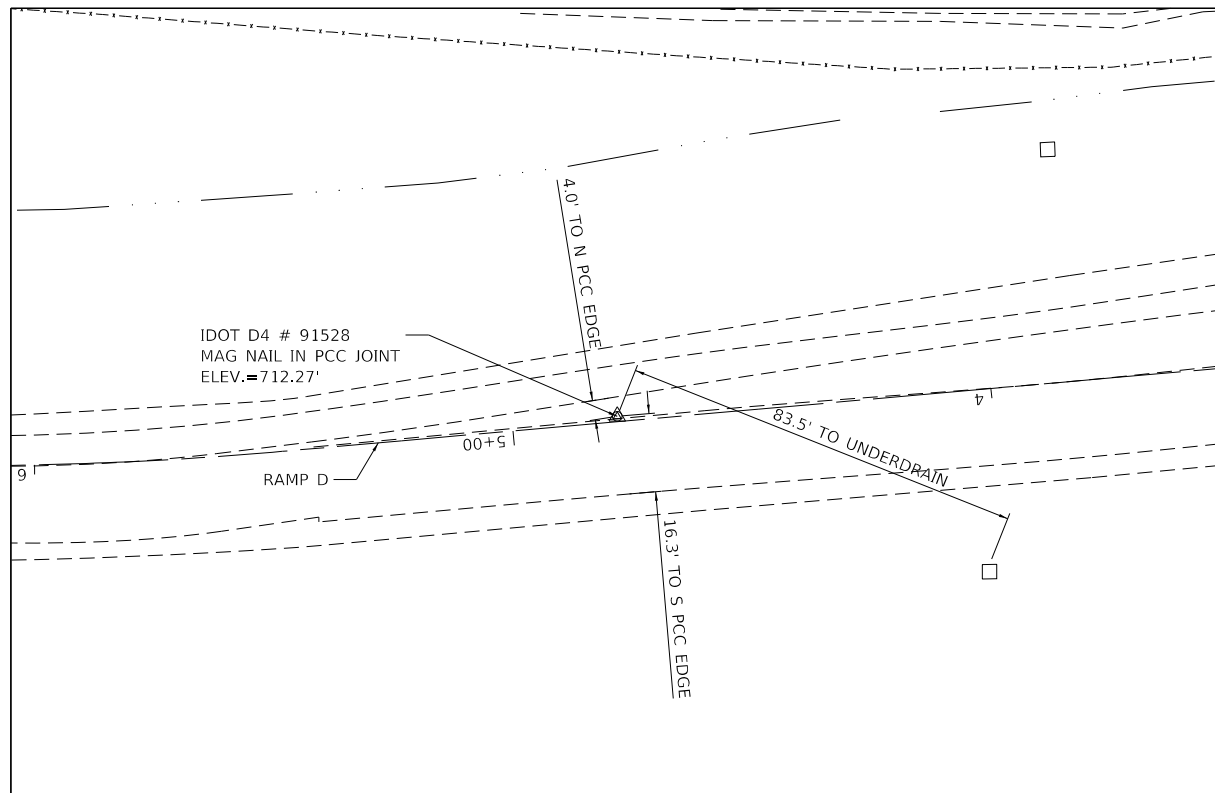
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	45
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



BM #31504



BM #91527



BM #91528

MODEL D:\d4\177-2009_D4_Pinecrest_Struct_Repl\Bce_P\11\CADD\CADD Sheets\ID68894-177-ATB_Contract_Pdf\177-2009_D4_Pinecrest_Struct_Repl\Bce_P\11\CADD\CADD Sheets\ID68894-177-ATB_Contract_Pdf.dgn



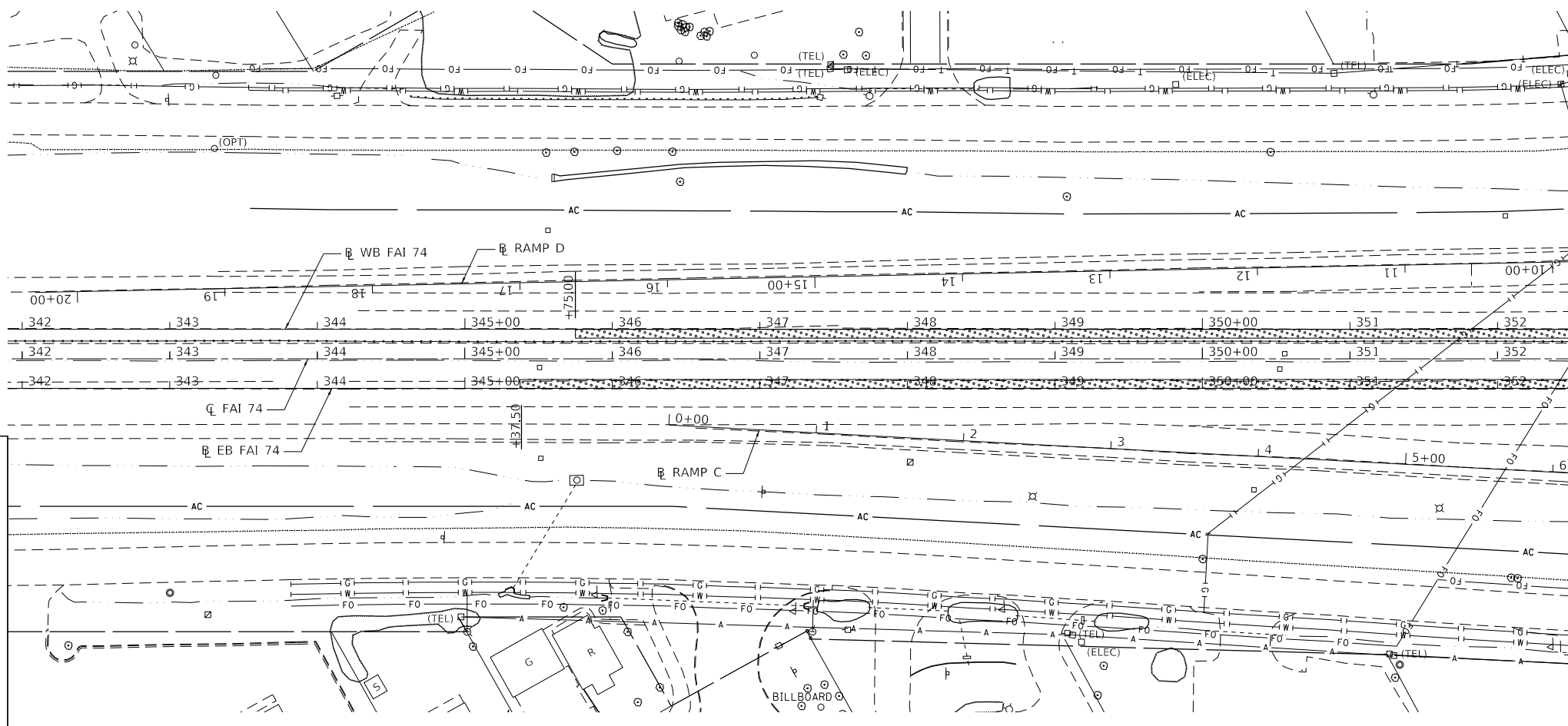
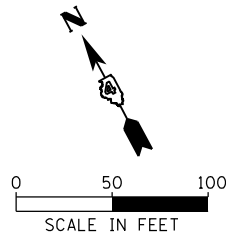
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
ALIGNMENT, TIES AND BENCHMARKS

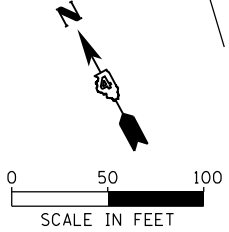
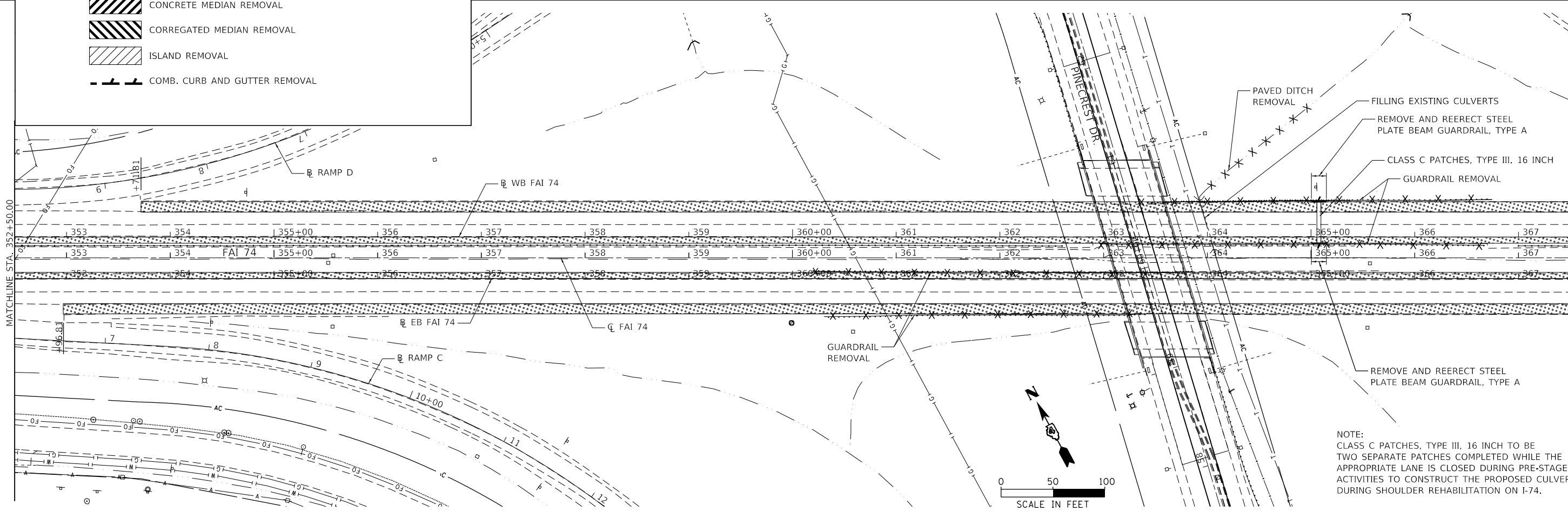
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	46
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 6"
- HOT-MIX ASPHALT SURFACE REMOVAL, 5"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- APPROACH SLAB REMOVAL
- CONCRETE MEDIAN REMOVAL
- CORRUGATED MEDIAN REMOVAL
- ISLAND REMOVAL
- COMB. CURB AND GUTTER REMOVAL



NOTE:
CLASS C PATCHES, TYPE III, 16 INCH TO BE TWO SEPARATE PATCHES COMPLETED WHILE THE APPROPRIATE LANE IS CLOSED DURING PRE-STAGE ACTIVITIES TO CONSTRUCT THE PROPOSED CULVERT DURING SHOULDER REHABILITATION ON I-74.

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replace_Plan\CADD\CADD_Sheets\I-74-Removal\I74.dgn
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USER NAME = bmrwagehoft	DESIGNED -	REVISED -
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PLOT DATE = 3/18/2020	DATE -	REVISED -

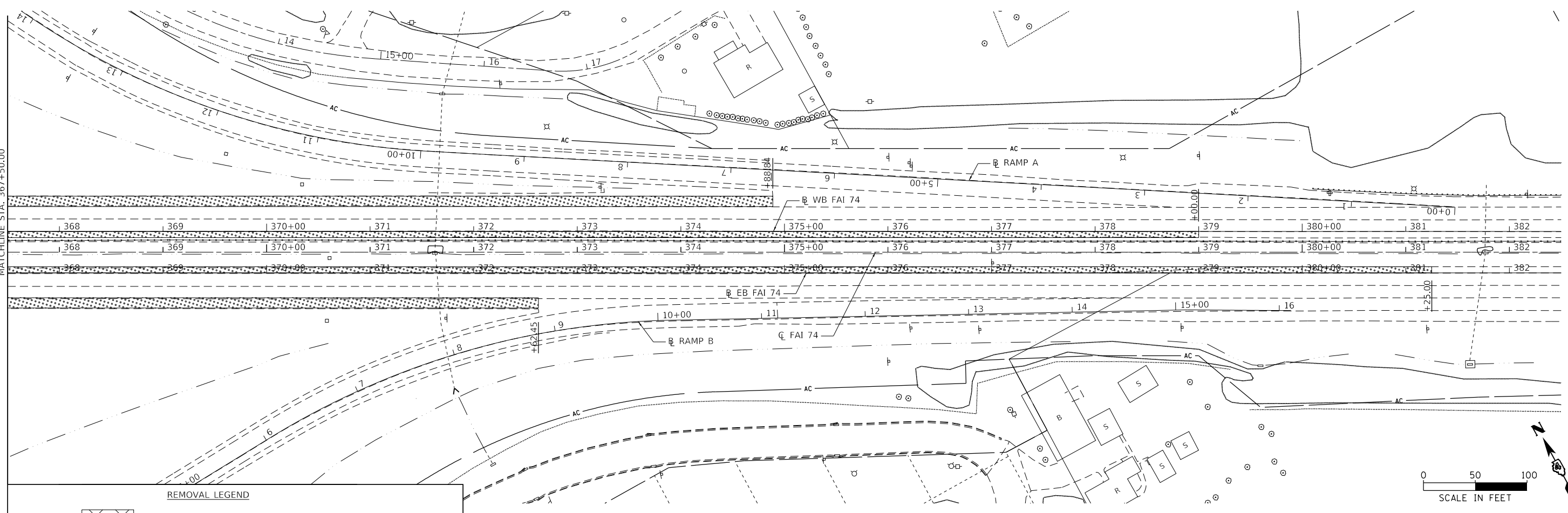
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
FAI 74 REMOVAL PLAN**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	47
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

MODEL: D:\44117... MAURER-STUTZ ENGINEERS SURVEYORS



REMOVAL LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 6"
- HOT-MIX ASPHALT SURFACE REMOVAL, 5"
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- APPROACH SLAB REMOVAL
- CONCRETE MEDIAN REMOVAL
- CORRUGATED MEDIAN REMOVAL
- ISLAND REMOVAL
- COMB. CURB AND GUTTER REMOVAL



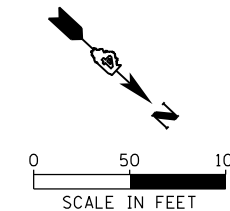
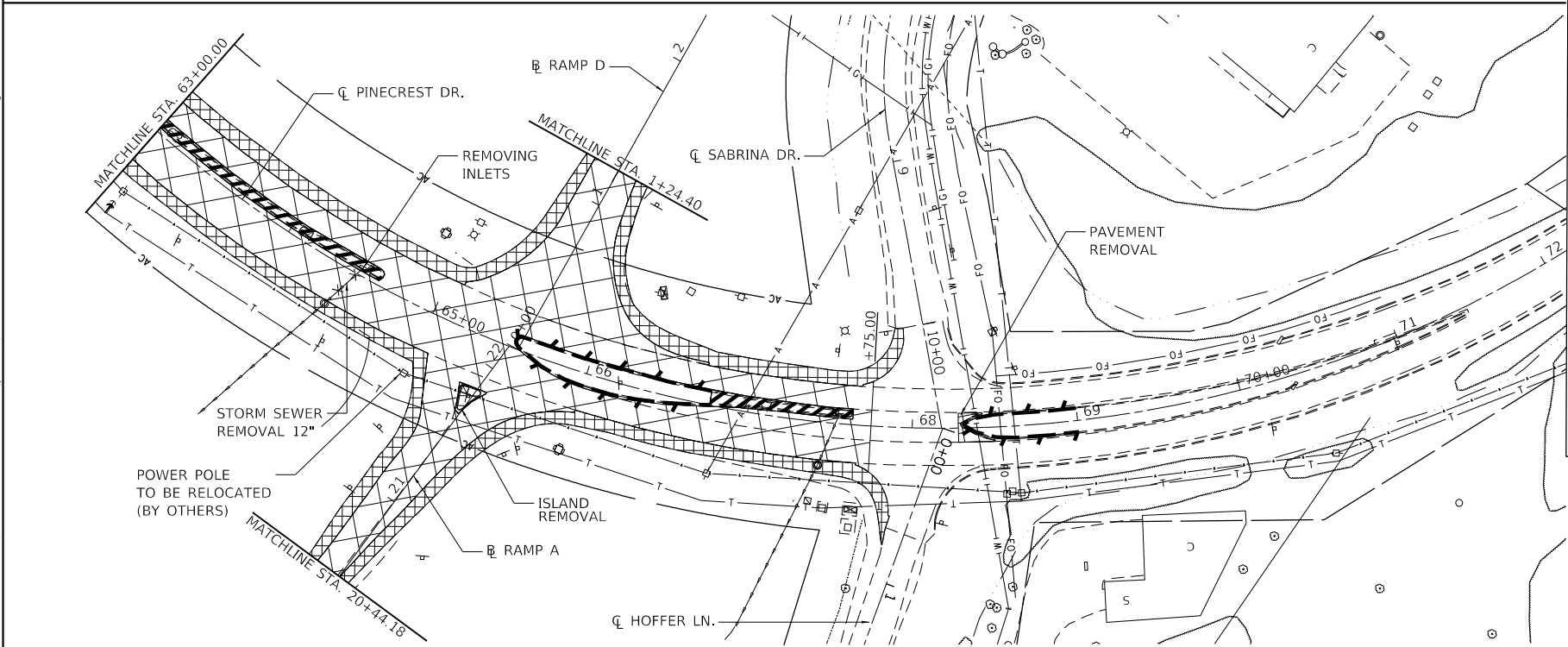
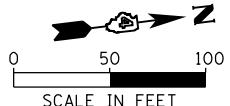
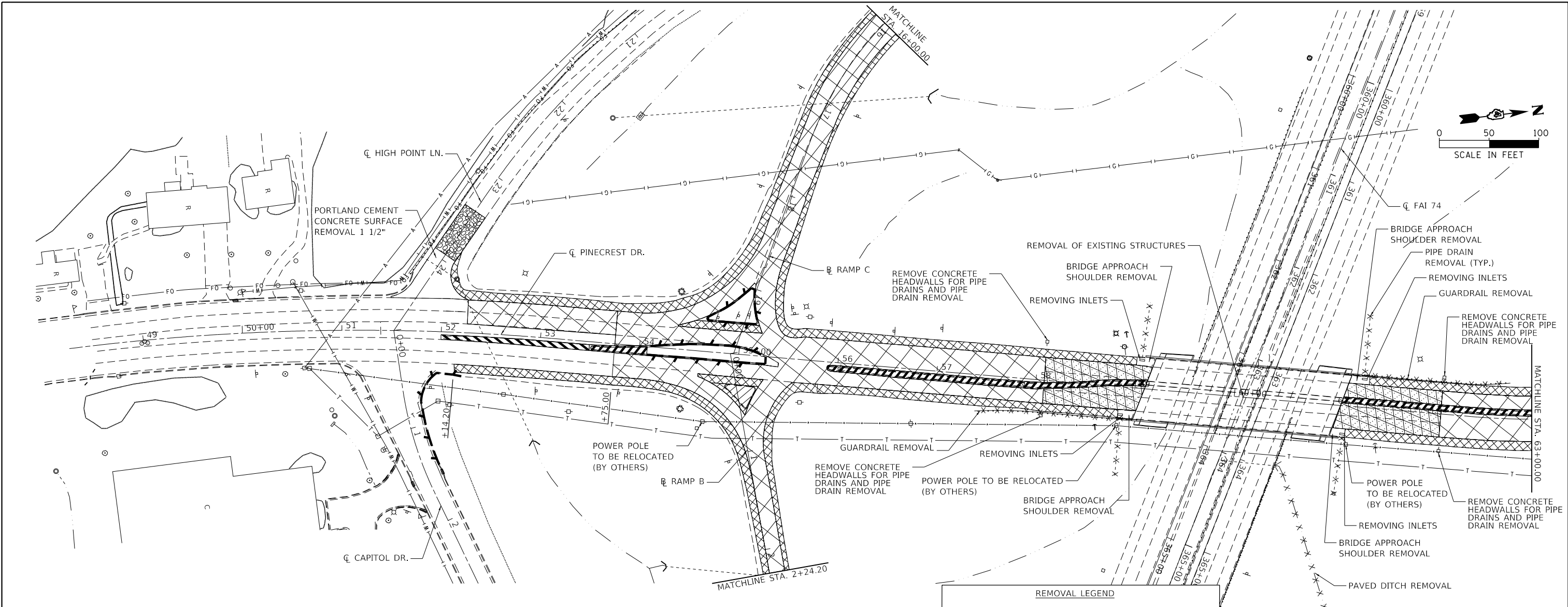
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PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
FAI 74 REMOVAL PLAN**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	48
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 6"
	HOT-MIX ASPHALT SURFACE REMOVAL, 5"
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
	APPROACH SLAB REMOVAL
	CONCRETE MEDIAN REMOVAL
	CORREGATED MEDIAN REMOVAL
	ISLAND REMOVAL
	COMB. CURB AND GUTTER REMOVAL

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USER NAME = bmwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

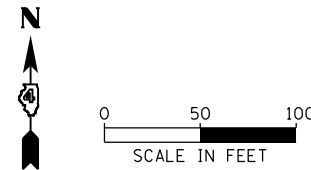
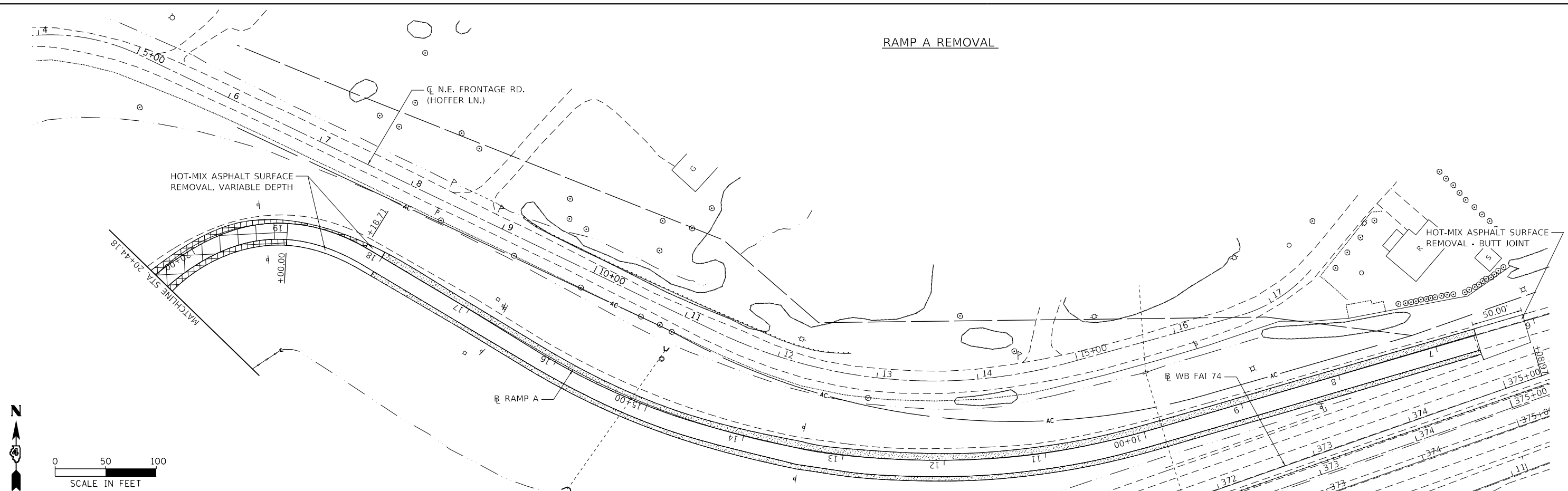
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PINECREST REMOVAL PLAN**

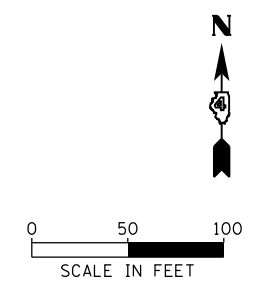
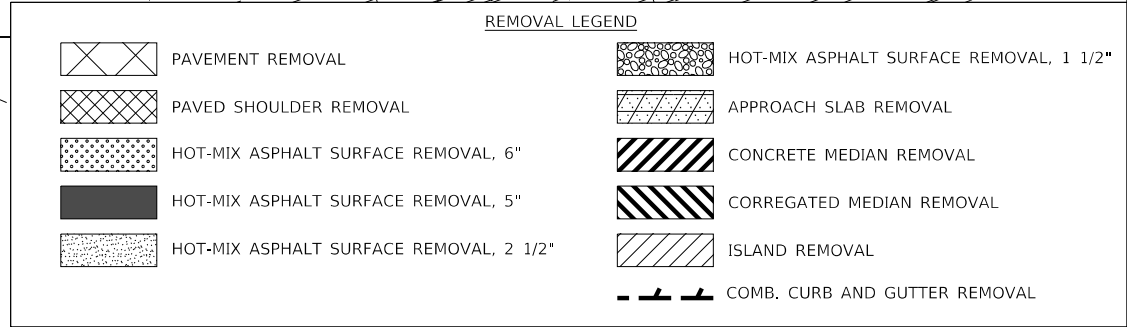
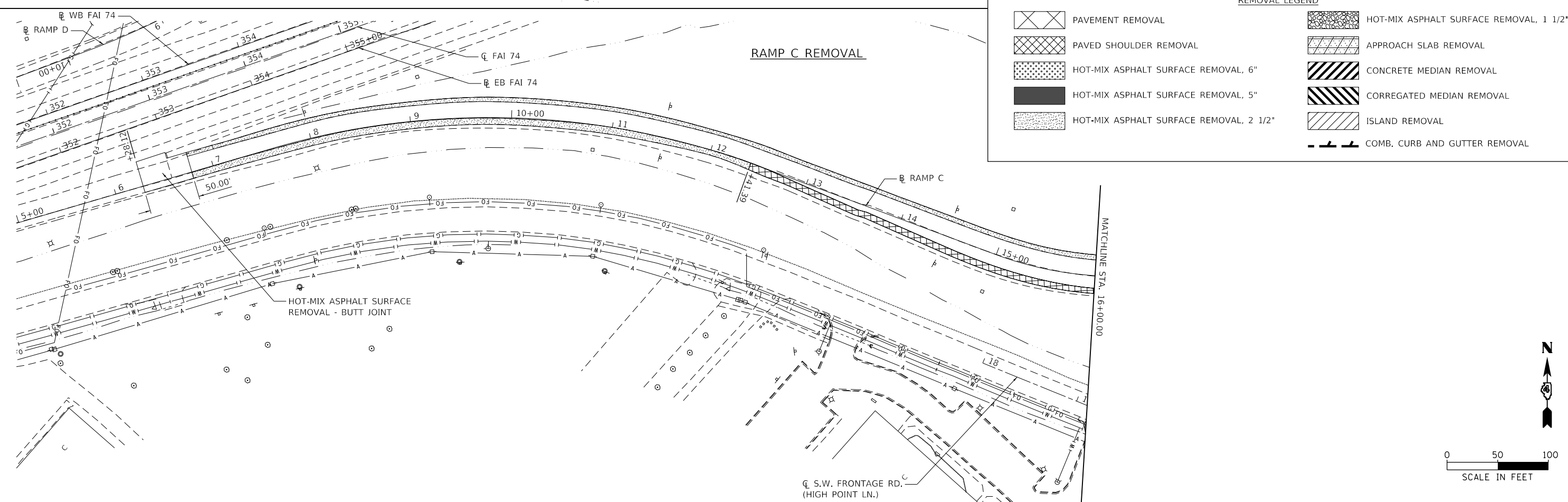
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

RAMP A REMOVAL



RAMP C REMOVAL



MODEL: D:\p1\177-009_04_Pinecrest Struct. Replace PHUCADD\ADD Sheets\177-009_04_Pinecrest Struct. Replace PHUCADD\PH-Removal\RampA_and_C.dgn
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MAURER-STUTZ
 ENGINEERS SURVEYORS

USER NAME = bmwagehoft	DESIGNED -	REVISED -
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PLOT DATE = 3/18/2020	DATE -	REVISED -

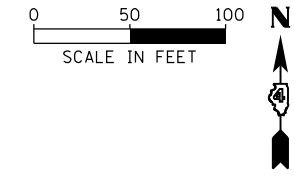
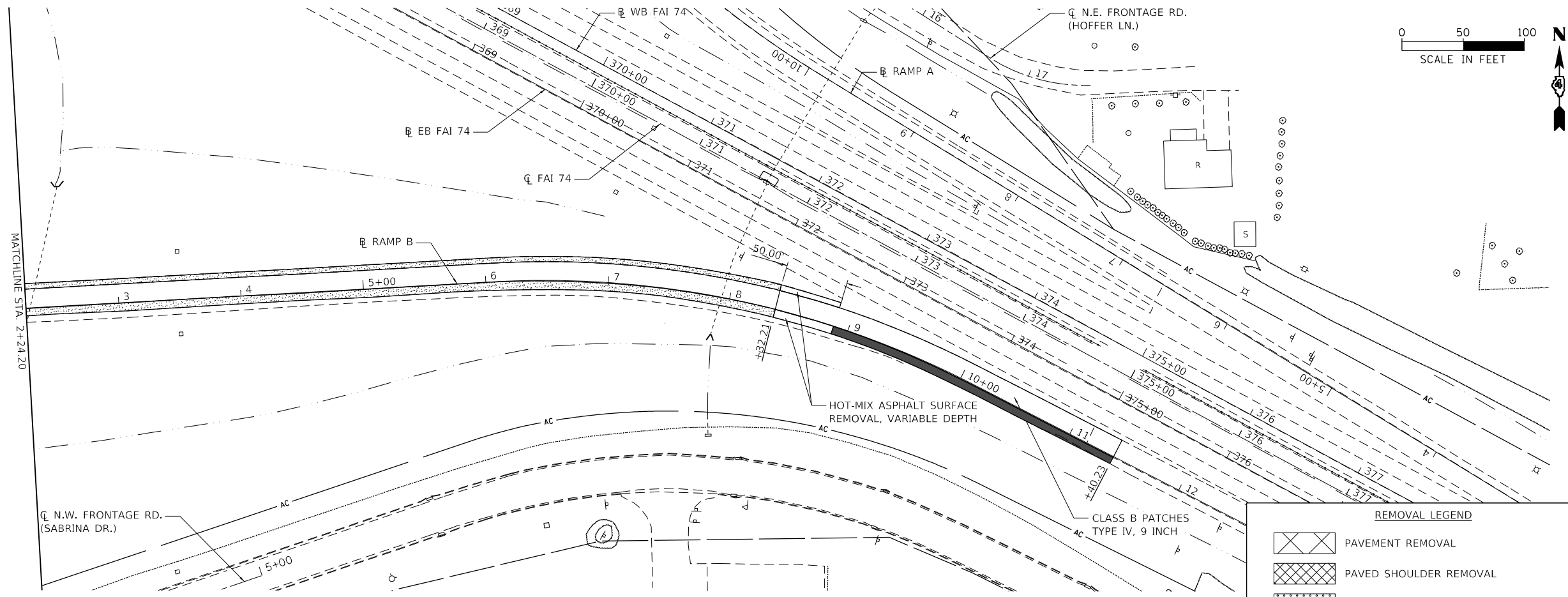
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMPS A AND C REMOVAL PLAN

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	50
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

RAMP B REMOVAL



MATCHLINE STA. 2+24.20

CL N.W. FRONTAGE RD.
(SABRINA DR.)

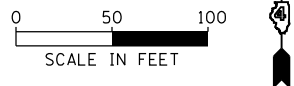
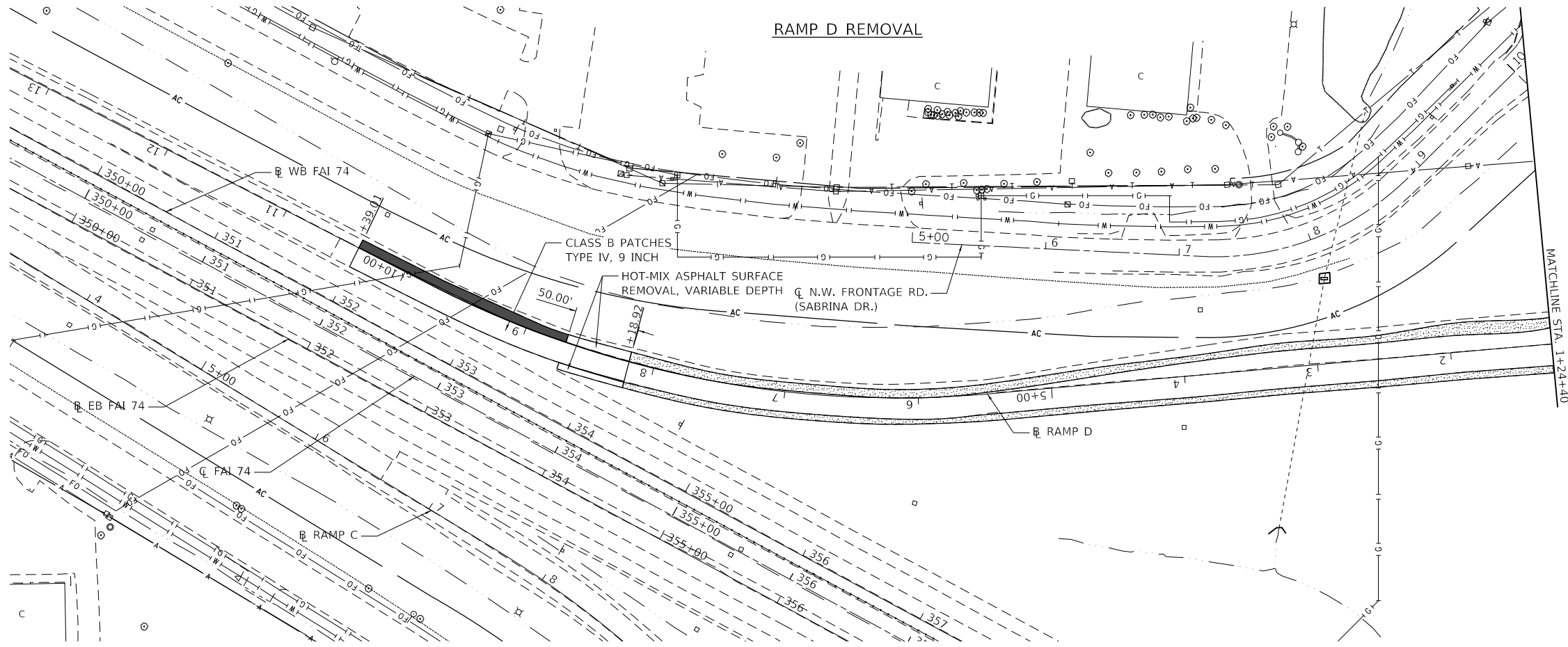
HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH

CLASS B PATCHES
TYPE IV, 9 INCH

REMOVAL LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 6"
	HOT-MIX ASPHALT SURFACE REMOVAL, 5"
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
	APPROACH SLAB REMOVAL
	CONCRETE MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	ISLAND REMOVAL
	COMB. CURB AND GUTTER REMOVAL

RAMP D REMOVAL



MATCHLINE STA. 1+24.40

CLASS B PATCHES
TYPE IV, 9 INCH

HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH

CL N.W. FRONTAGE RD.
(SABRINA DR.)

MODEL: D:\p1\177-009_D4_Pinecrest_Struct_Replace_Plan\CADD\CADD_Sheets\177-009-D4-Pinecrest-Struct-Replace-Plan-RampB-and-D.dgn
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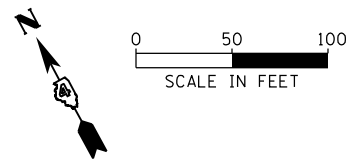
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PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMPS B AND D REMOVAL PLAN

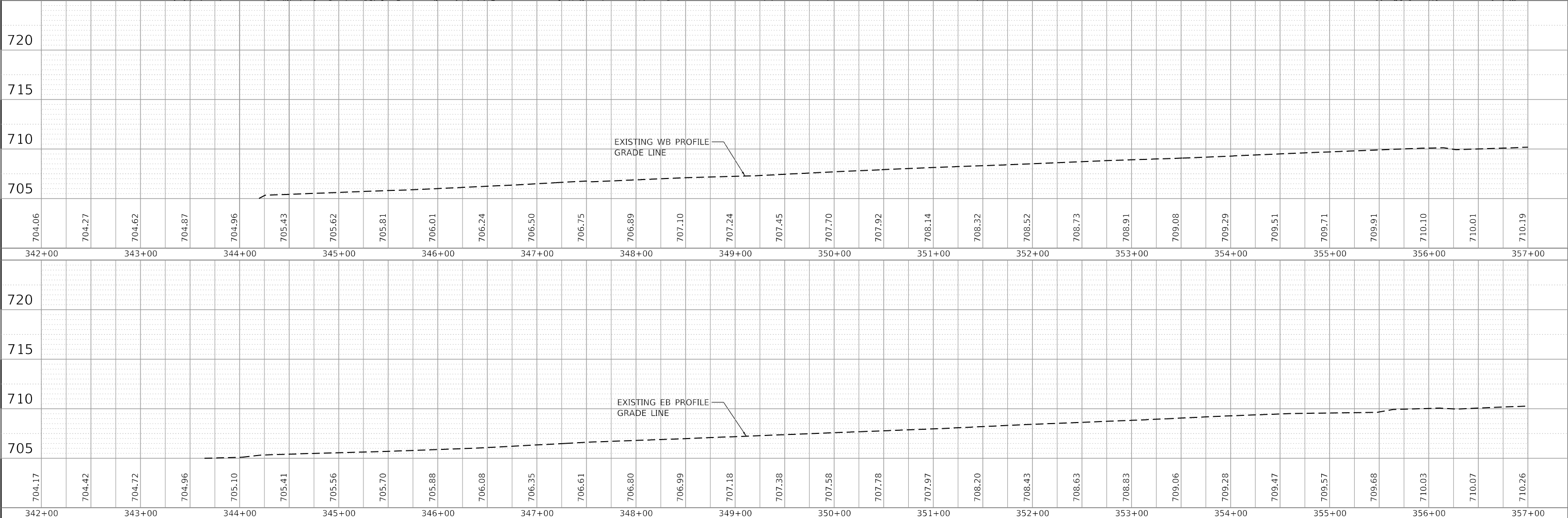
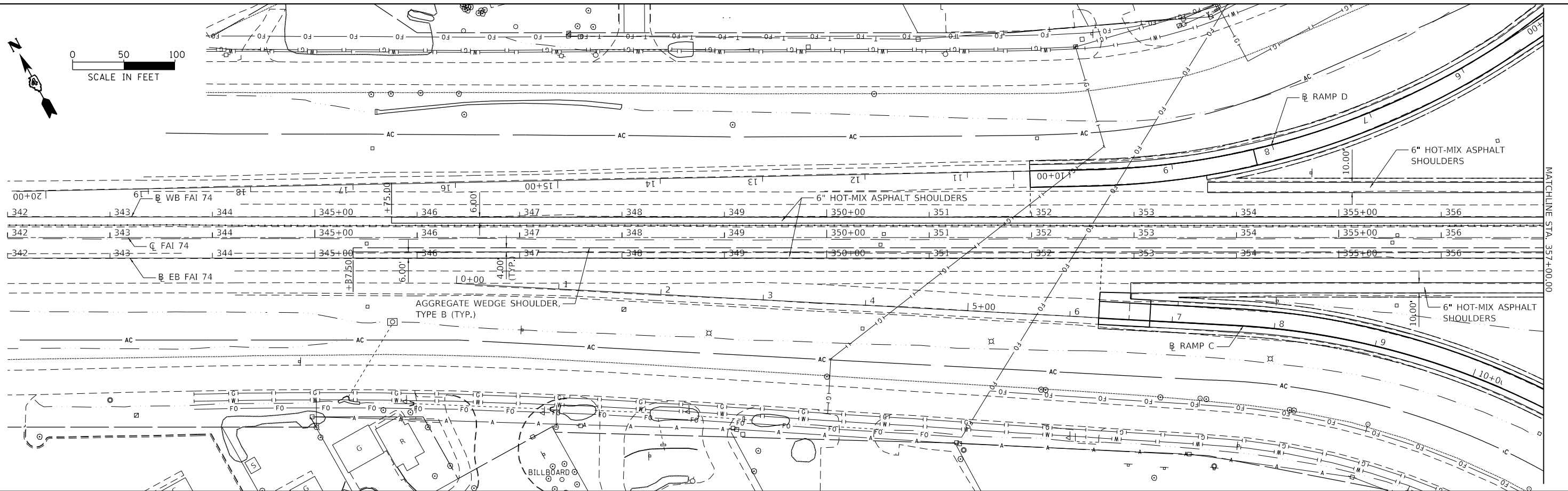
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	51
			CONTRACT NO. 68894	
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	



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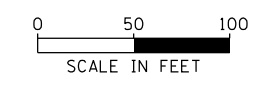
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
INTERSTATE 74 - PLAN AND PROFILE**

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

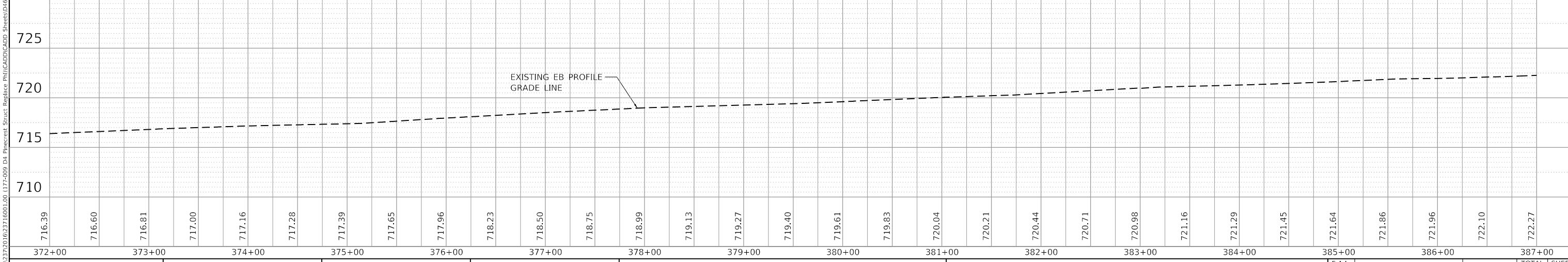
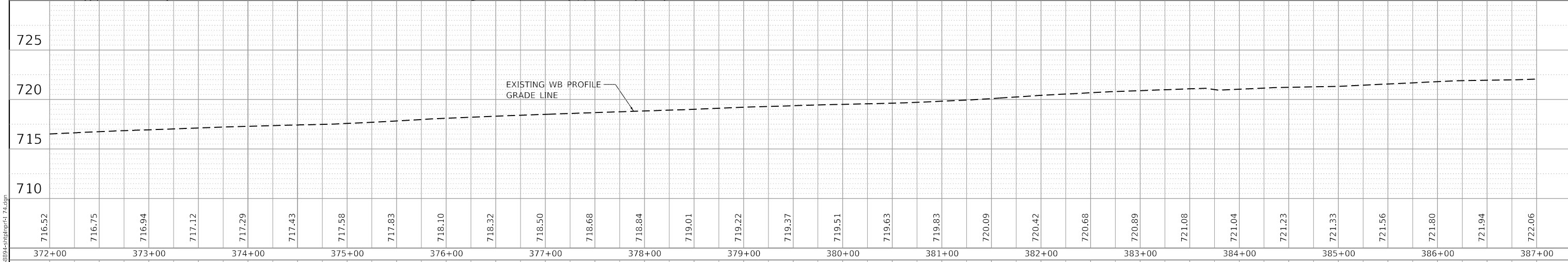
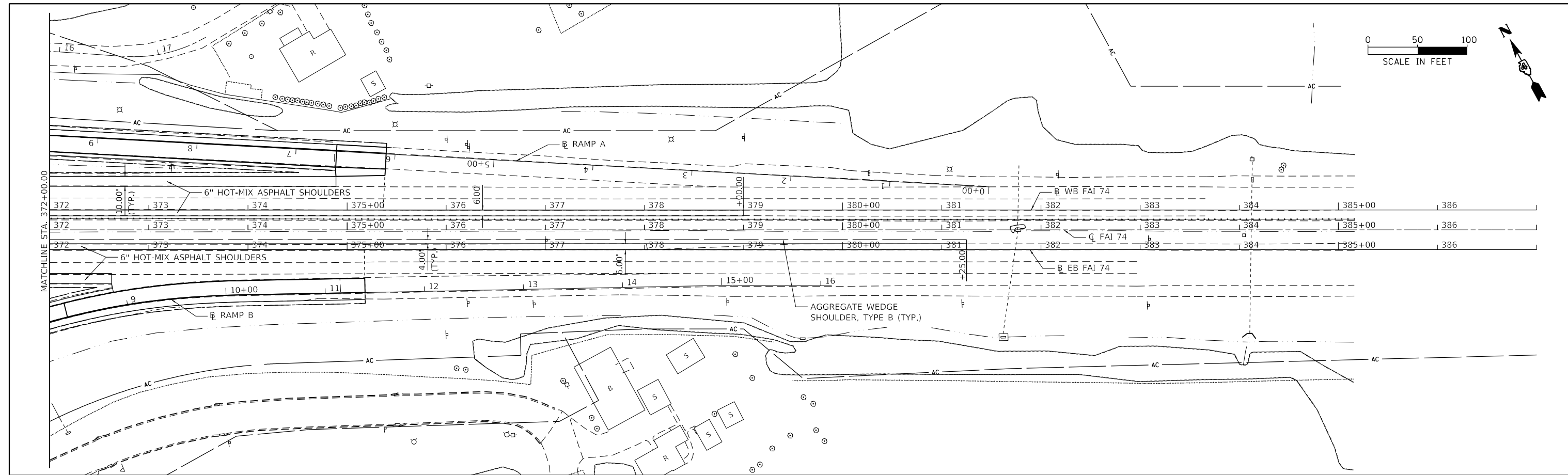
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

MATCHLINE STA. 357+00.00



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	



MODEL: Default
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PLOT DATE = 3/18/2020	DRAWN -	REVISED -
	CHECKED -	REVISED -

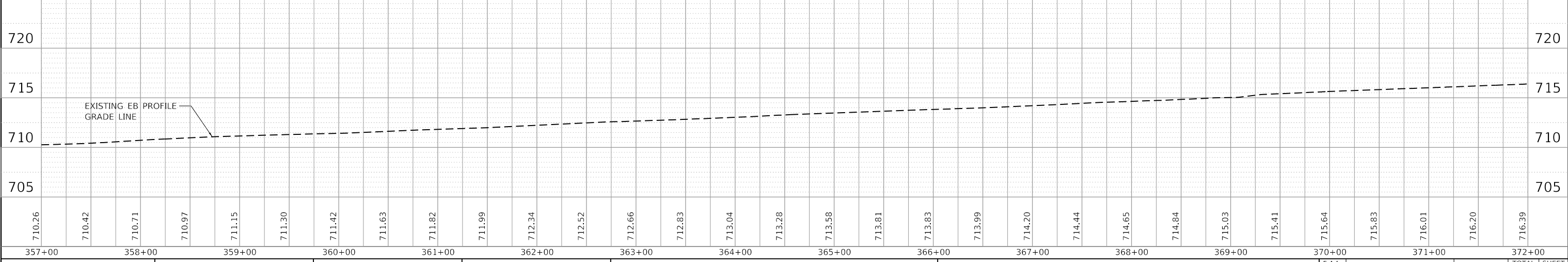
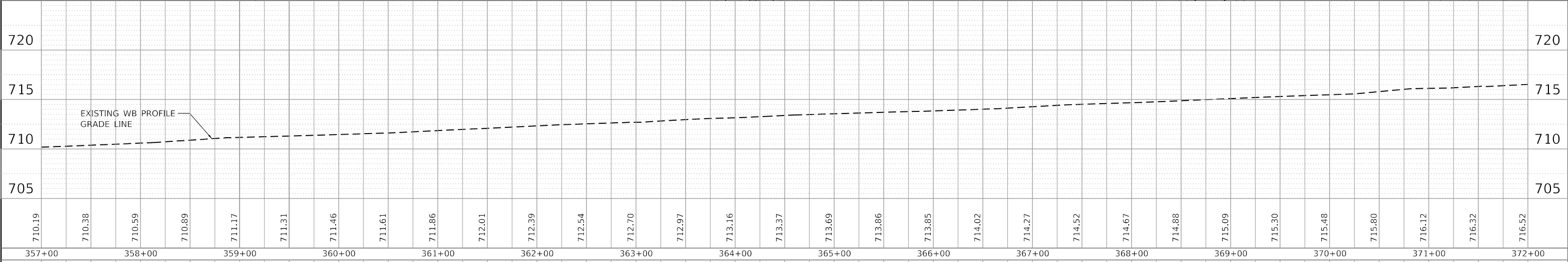
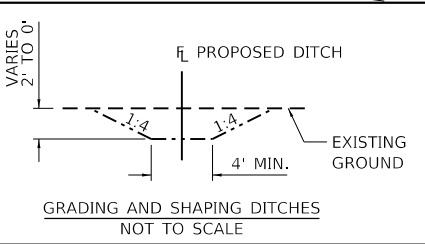
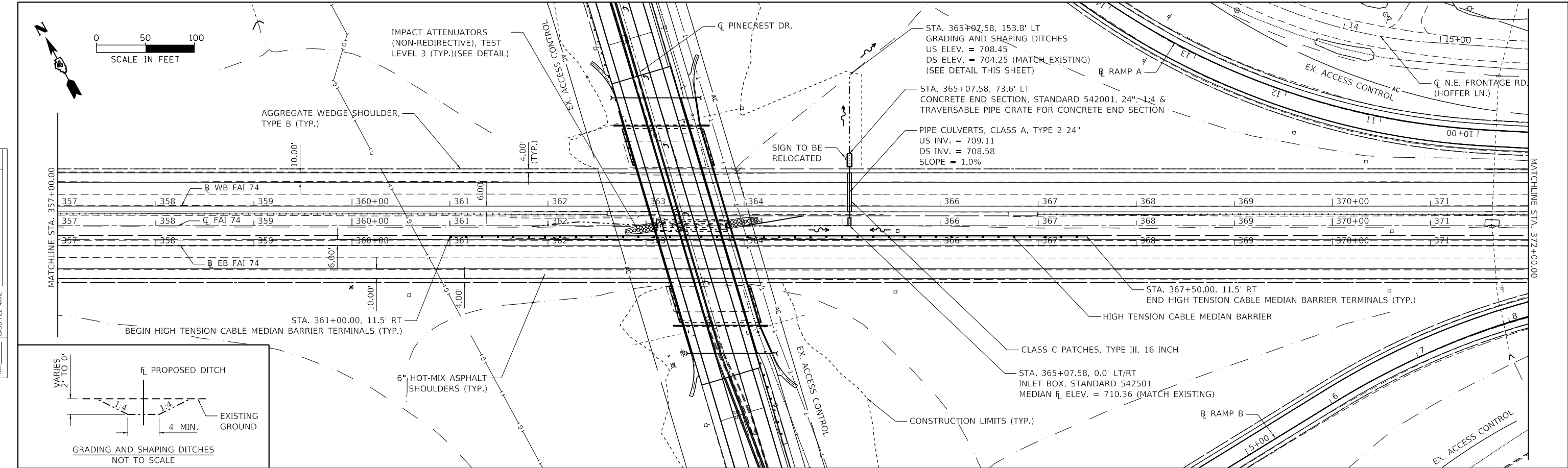
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT INTERSTATE 74 - PLAN AND PROFILE			
SCALE:	SHEET 3	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	54
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
STRUCTURE	
NOTATION	
FILE NAME	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
STRUCTURE	
NOTATION	
FILE NAME	
NO.	



MODEL: Default
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USER NAME = bmwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

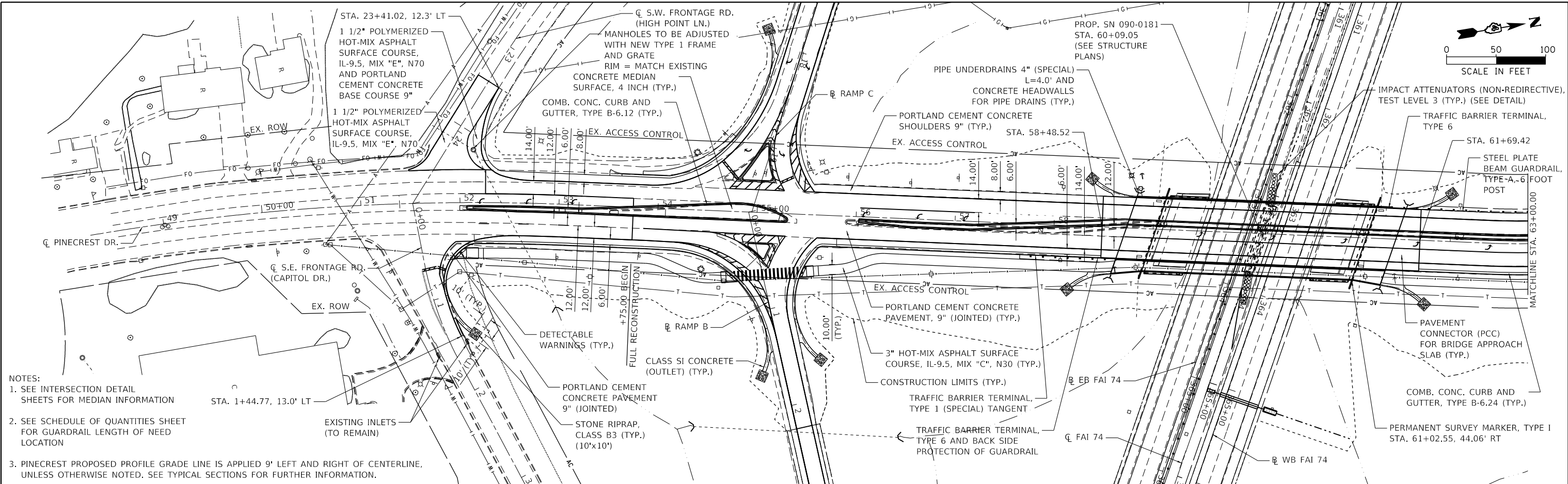
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
 INTERSTATE 74 - PLAN AND PROFILE

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

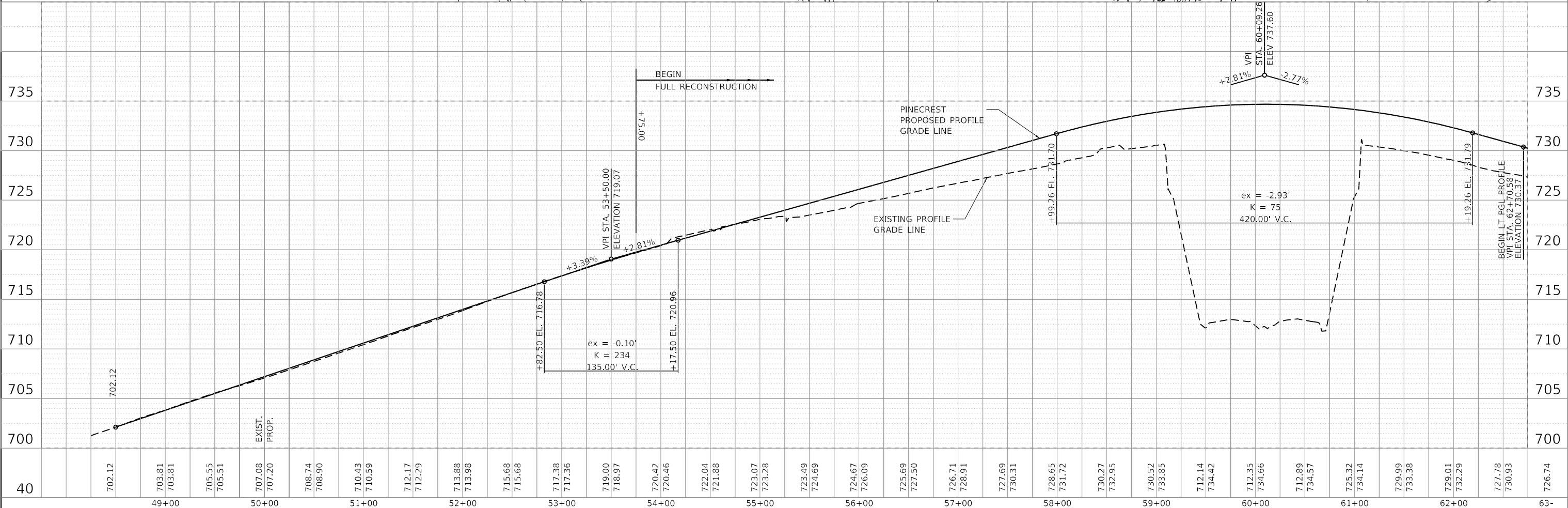
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	
	BY	

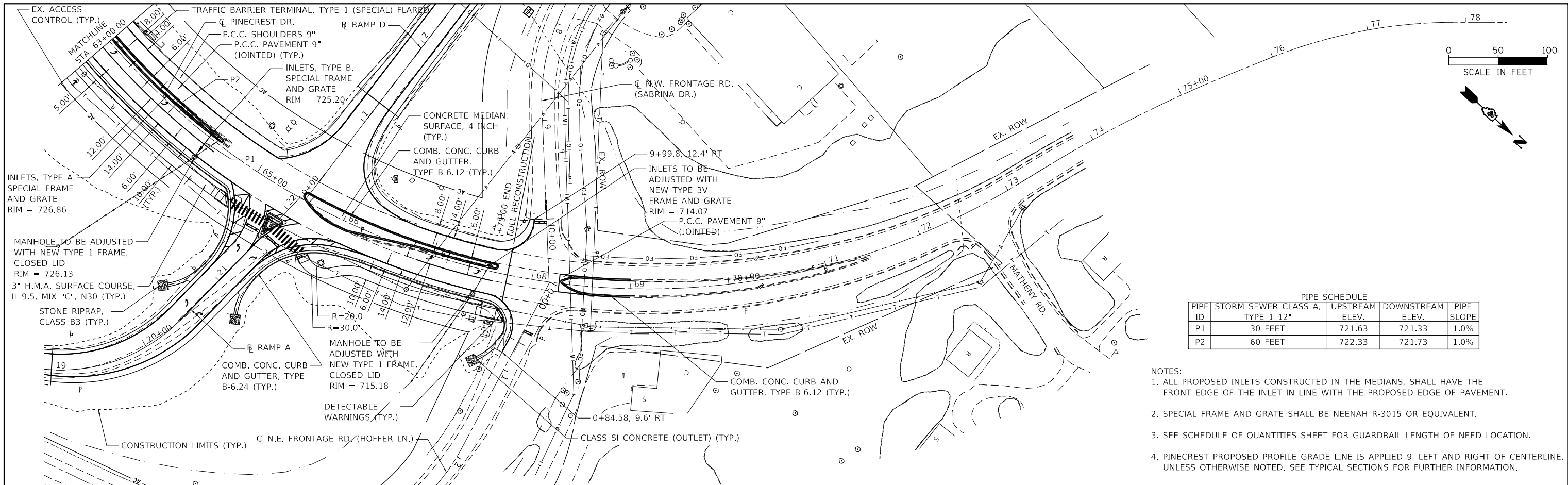


- NOTES:**
- SEE INTERSECTION DETAIL SHEETS FOR MEDIAN INFORMATION
 - SEE SCHEDULE OF QUANTITIES SHEET FOR GUARDRAIL LENGTH OF NEED LOCATION
 - PINECREST PROPOSED PROFILE GRADE LINE IS APPLIED 9' LEFT AND RIGHT OF CENTERLINE, UNLESS OTHERWISE NOTED. SEE TYPICAL SECTIONS FOR FURTHER INFORMATION.



	USER NAME = bwmagehoft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT PINECREST DR - PLAN AND PROFILE	F.A.I. RTE. 74	SECTION (90-14HB-1)BR1	COUNTY TAZEWELL	TOTAL SHEETS 212	SHEET NO. 55	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET 4 OF 11 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 68894	
	PLOT DATE = 3/18/2020	DATE -	REVISED -								

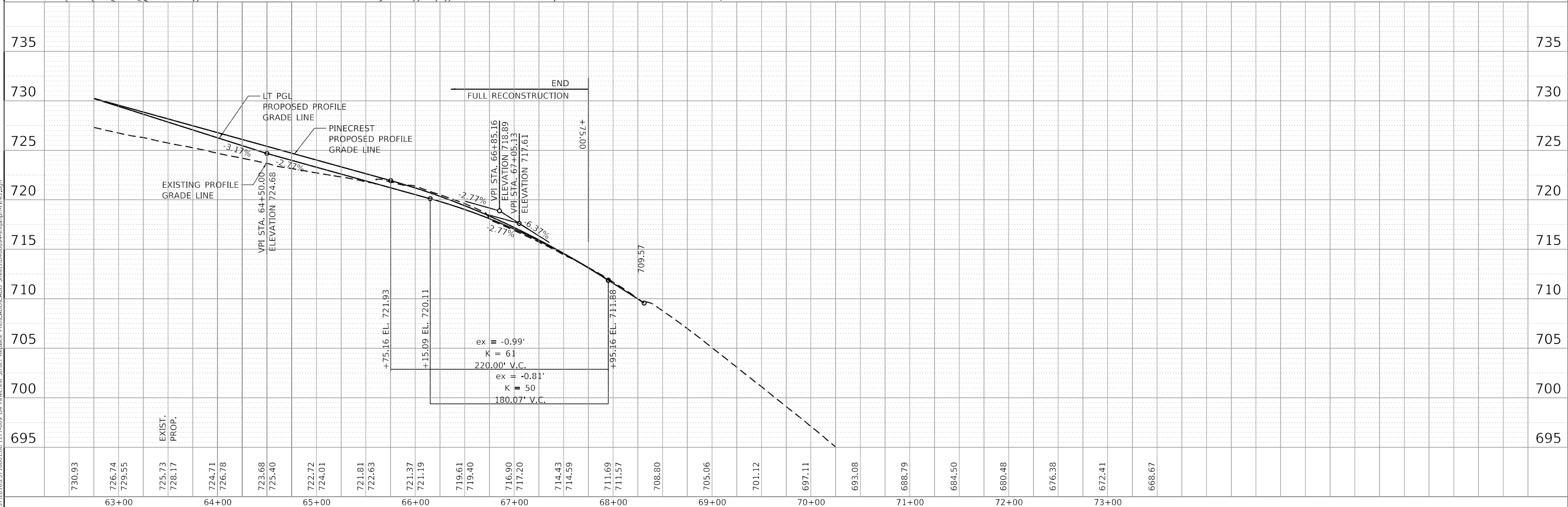
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	STRUCTURE	
	NOTATION	
	REVISED	
	NO.	



PIPE ID	STORM SEWER CLASS A, TYPE 1 12"	PIPE SCHEDULE		PIPE SLOPE
		UPSTREAM ELEV.	DOWNSTREAM ELEV.	
P1	30 FEET	721.63	721.33	1.0%
P2	60 FEET	722.33	721.73	1.0%

- NOTES:
1. ALL PROPOSED INLETS CONSTRUCTED IN THE MEDIANS, SHALL HAVE THE FRONT EDGE OF THE INLET IN LINE WITH THE PROPOSED EDGE OF PAVEMENT.
 2. SPECIAL FRAME AND GRATE SHALL BE NEENAH R-3015 OR EQUIVALENT.
 3. SEE SCHEDULE OF QUANTITIES SHEET FOR GUARDRAIL LENGTH OF NEED LOCATION.
 4. PINECREST PROPOSED PROFILE GRADE LINE IS APPLIED 9' LEFT AND RIGHT OF CENTERLINE, UNLESS OTHERWISE NOTED. SEE TYPICAL SECTIONS FOR FURTHER INFORMATION.

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	REVISED	
	NO.	



USER NAME = bmwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

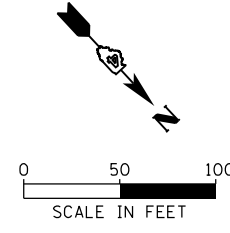
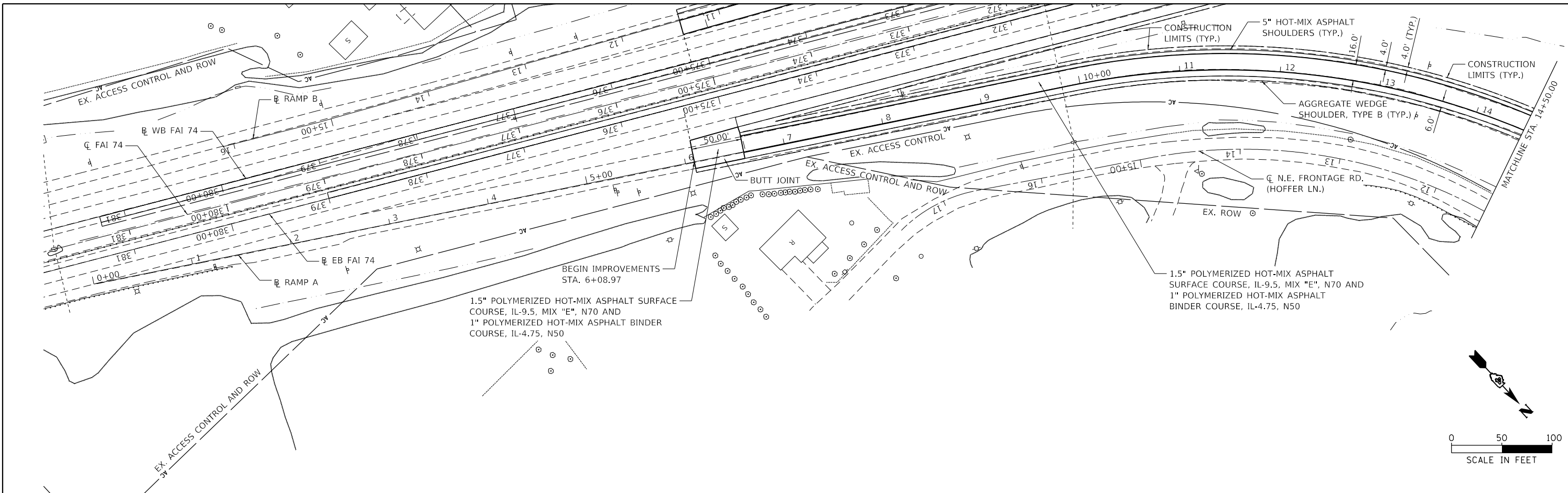
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PINECREST DR - PLAN AND PROFILE

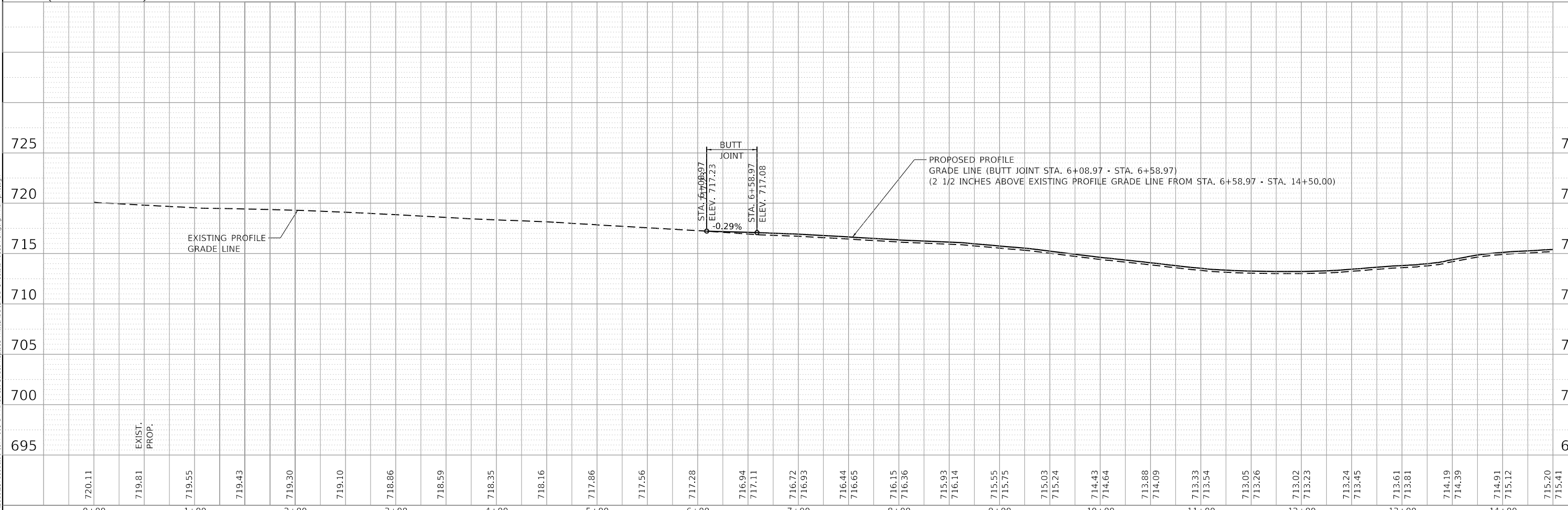
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74	(90-14HB-1)BR1	TAZEWELL	212	56
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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PLOT DATE = 3/18/2020	DATE -	REVISED -

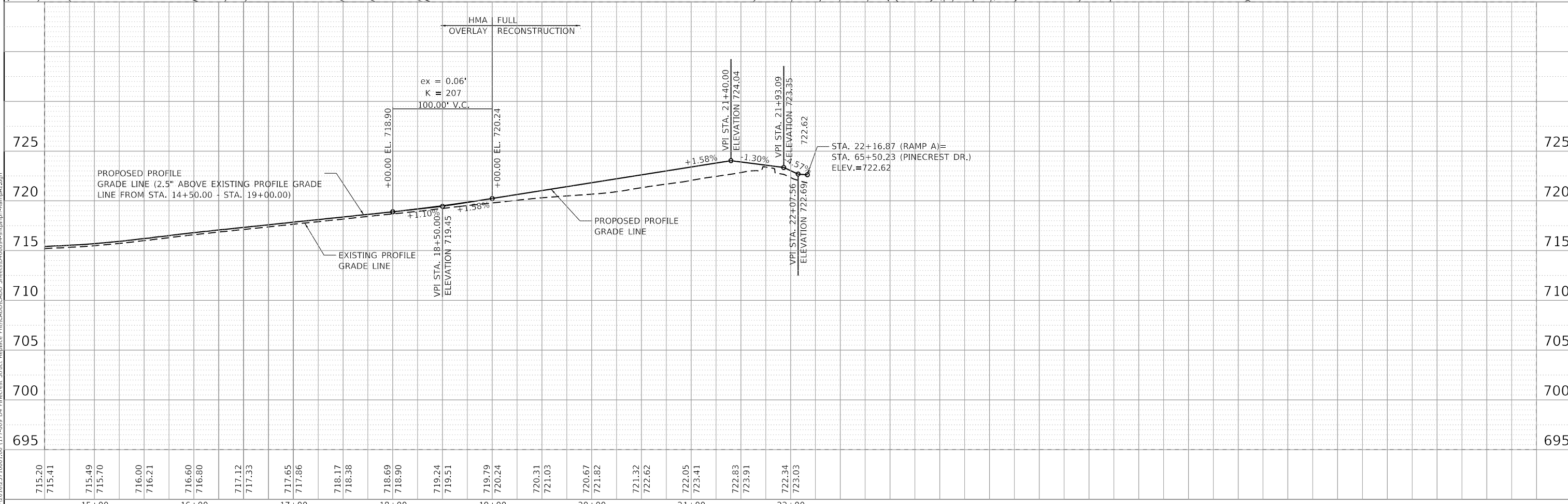
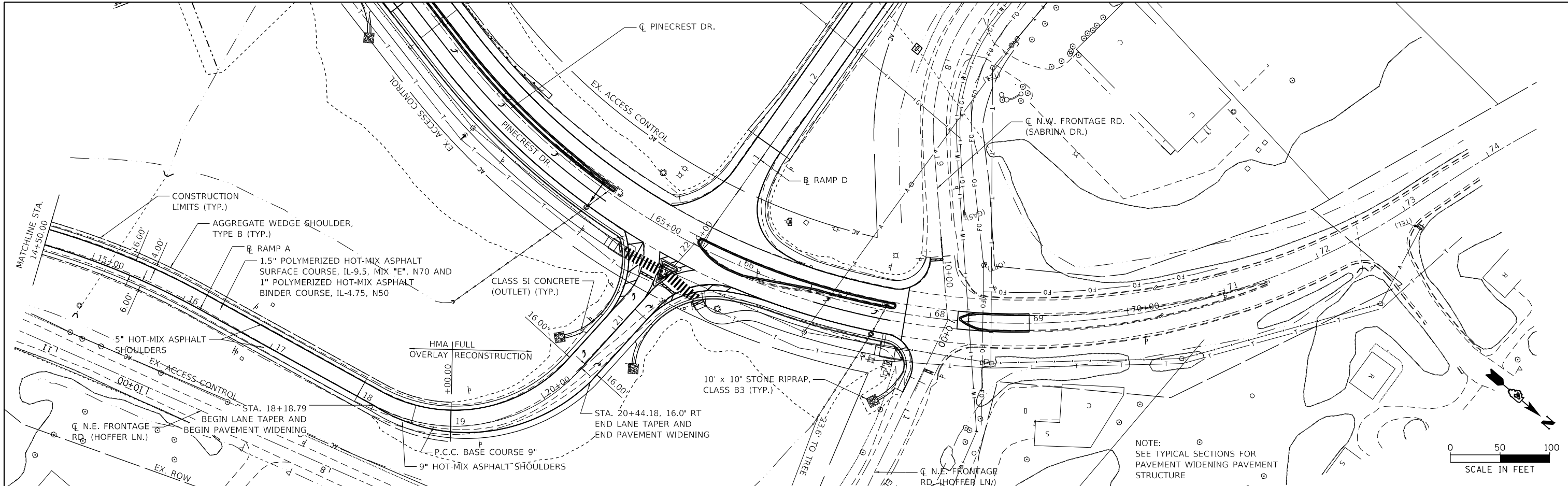
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT RAMP A - PLAN AND PROFILE			
SCALE:	SHEET 6	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	57
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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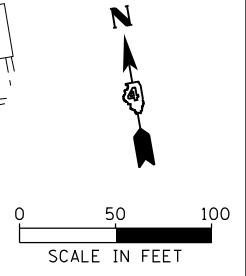
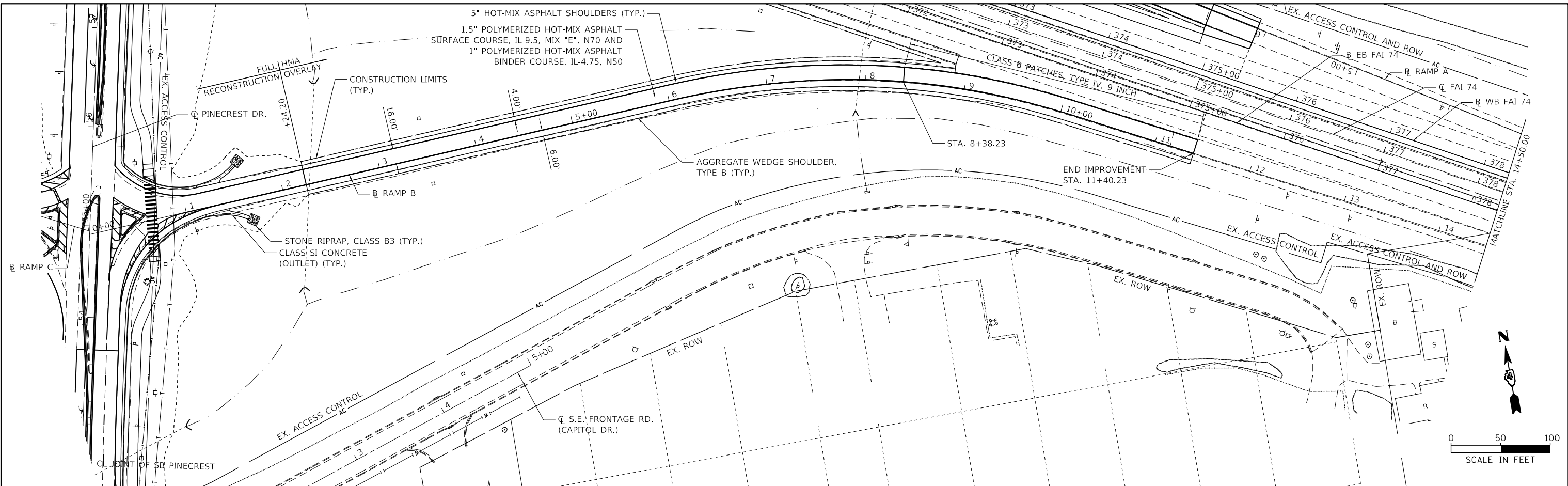
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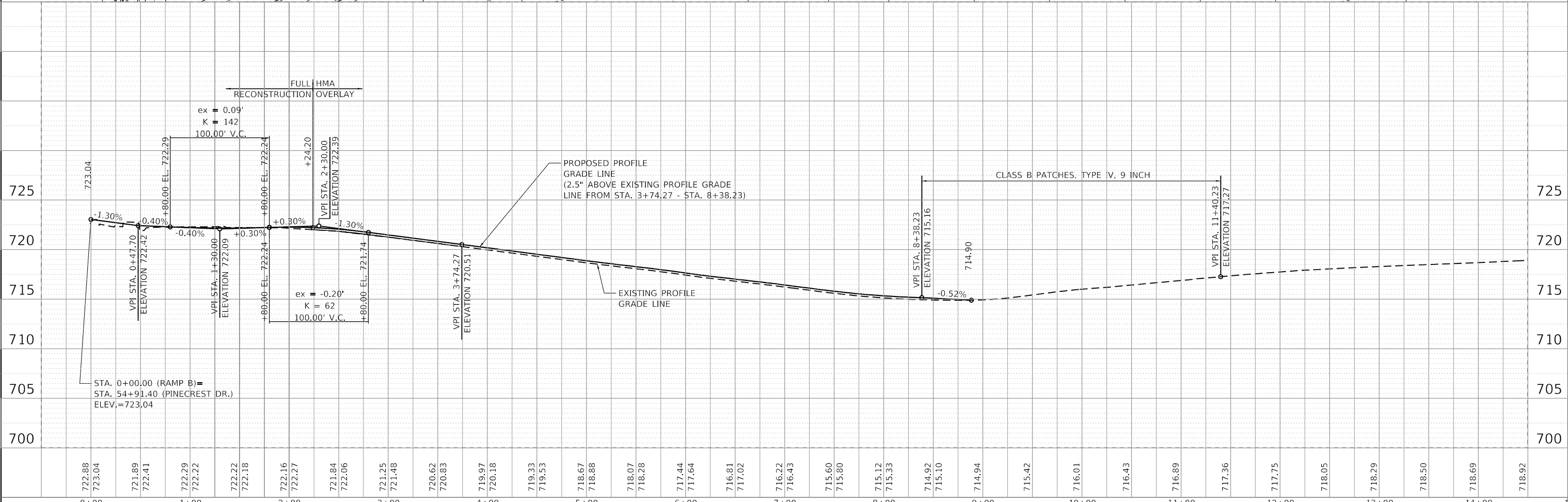
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	USER NAME = bmwagehoft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT RAMP A - PLAN AND PROFILE	F.A.I. RTE. = 74	SECTION = (90-14HB-1)BR1	COUNTY = TAZEWELL	TOTAL SHEETS = 212	SHEET NO. = 58	
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	PLOT DATE = 3/18/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
	SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.										

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
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	FILE NAME	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	NO.	



USER NAME =	bmwagehoft	DESIGNED -	REVISD -
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PLOT SCALE =	100.0000' / in.	CHECKED -	REVISD -
PLOT DATE =	3/18/2020	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

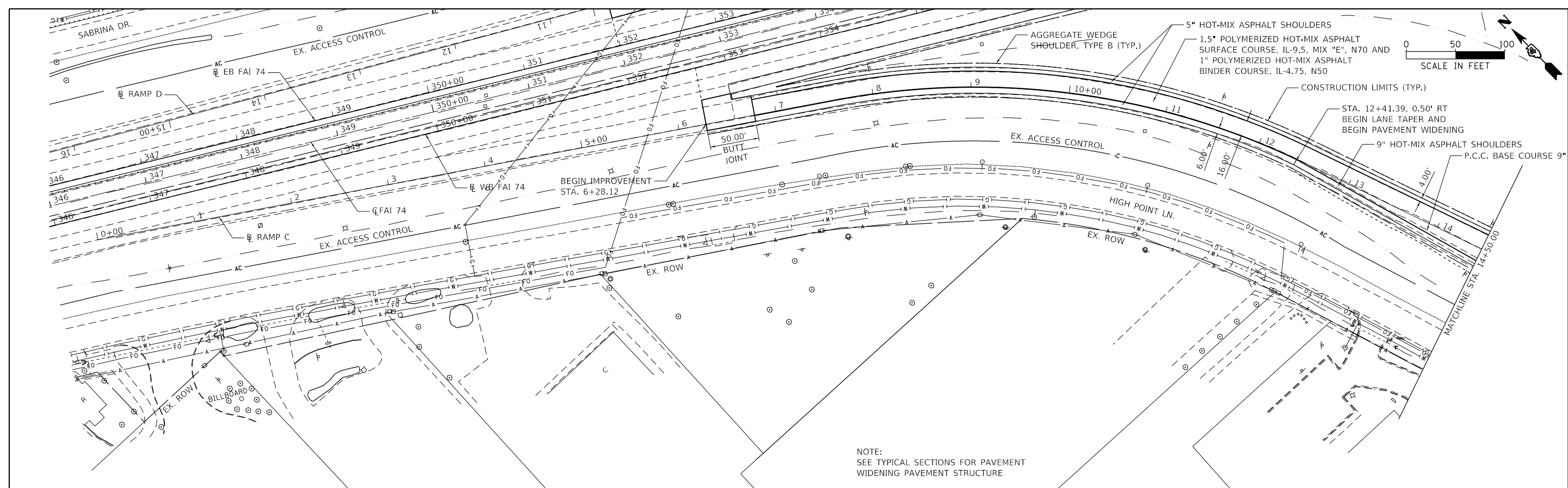
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP B - PLAN AND PROFILE**

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

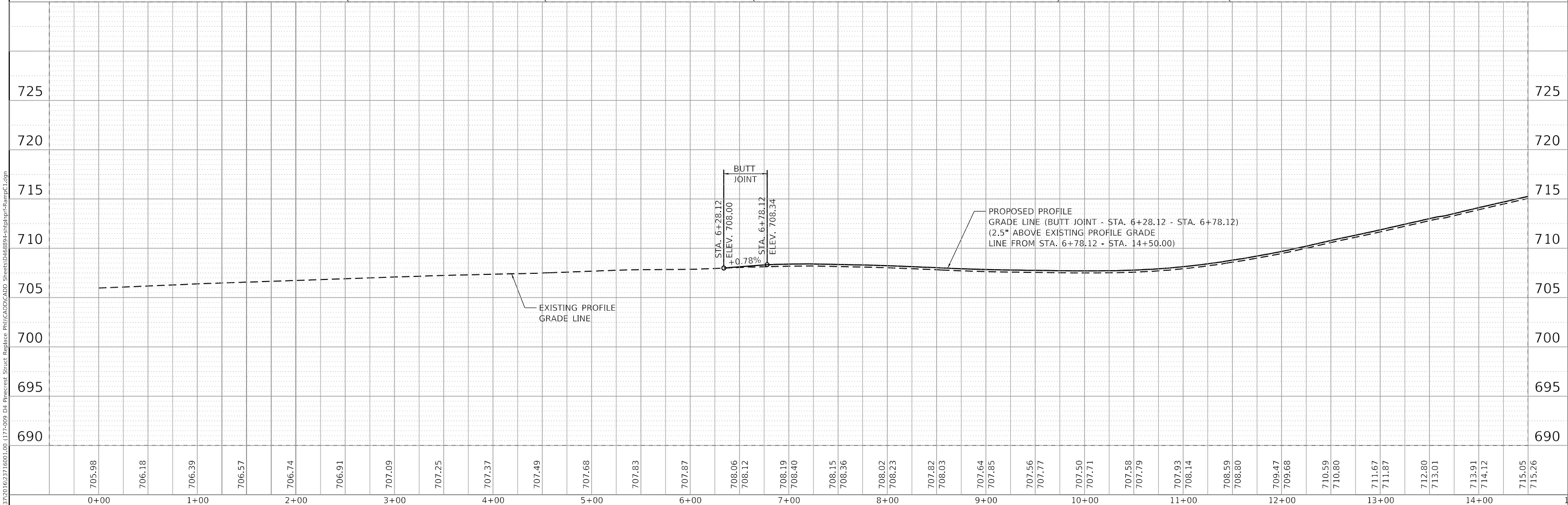
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	59
				CONTRACT NO. 68894
				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



NOTE:
SEE TYPICAL SECTIONS FOR PAVEMENT
WIDENING PAVEMENT STRUCTURE



705.98	706.18	706.39	706.57	706.74	706.91	707.09	707.25	707.37	707.49	707.68	707.83	707.87	708.06	708.12	708.19	708.40	708.15	708.36	708.02	708.23	707.82	708.03	707.64	707.85	707.56	707.77	707.50	707.71	707.58	707.79	707.93	708.14	708.59	708.80	709.47	709.68	710.59	710.80	711.67	711.87	712.80	713.01	713.91	714.12	715.05	715.26
0+00	1+00	2+00	3+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00																																

MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = brwagehoft	DESIGNED -	REVISD -
PLOT SCALE = 100.0050' / in.	DRAWN -	REVISD -
PLOT DATE = 3/18/2020	CHECKED -	REVISD -
	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

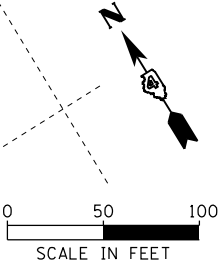
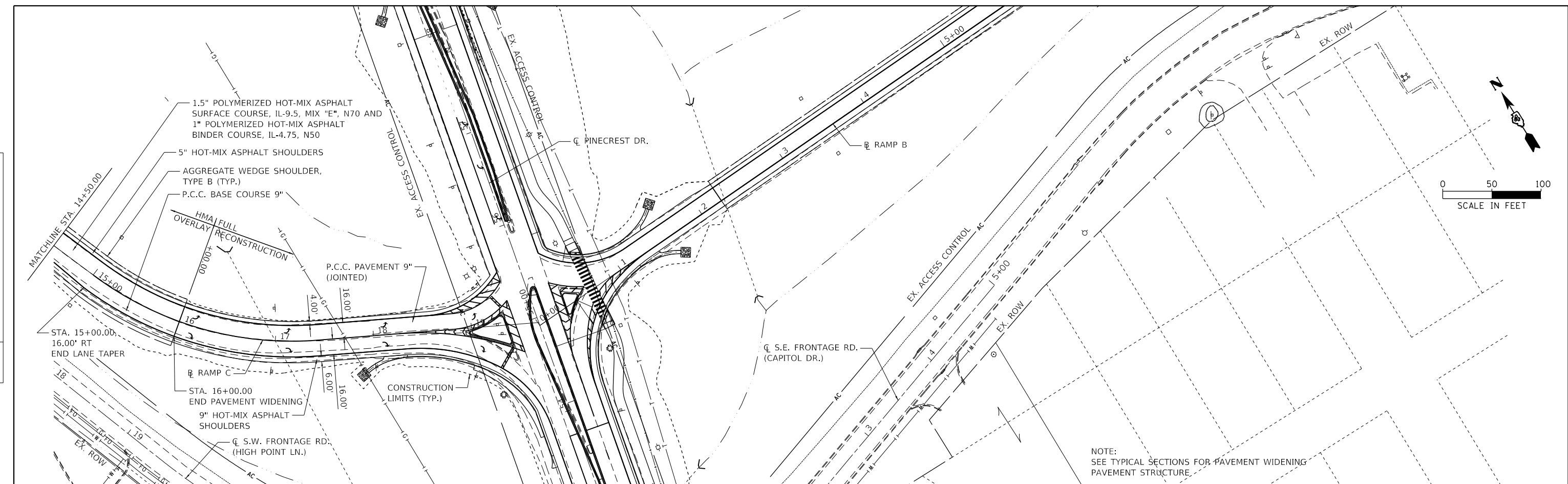
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP C - PLAN AND PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	60
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

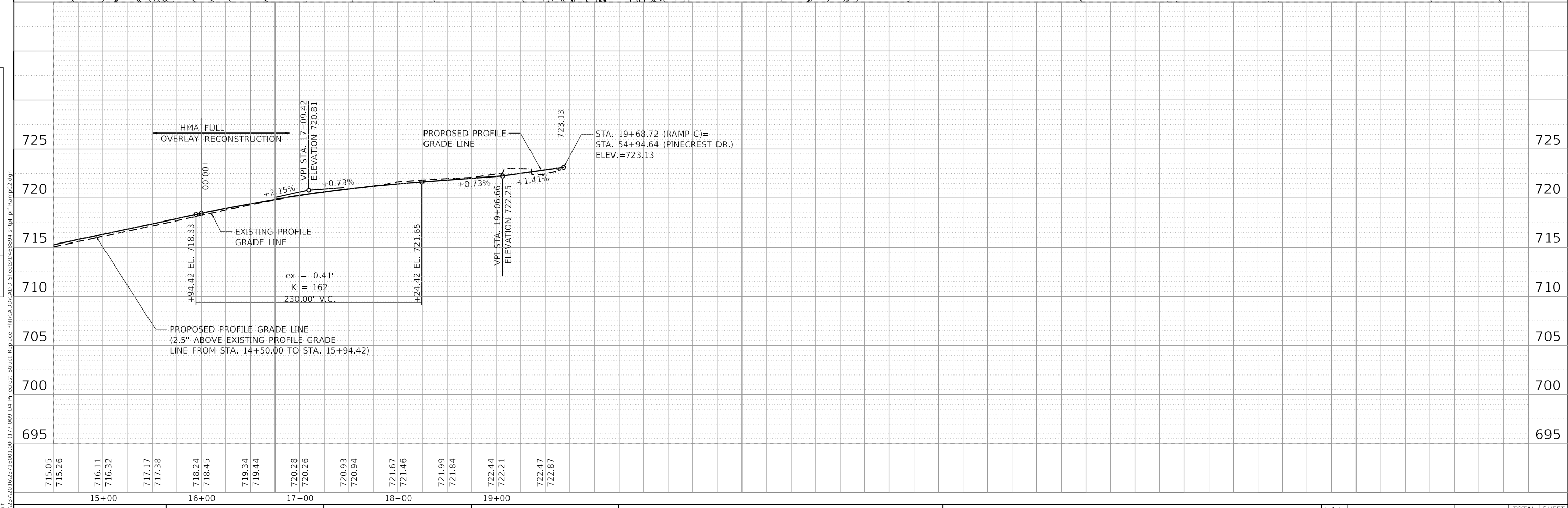
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	SURVEYED	ALIGNED
	CHECKED	CHECKED
	NO. _____	NO. _____
	NO. _____	NO. _____

PROFILE	DATE	BY
	SURVEYED	GRADES
	CHECKED	CHECKED
	NO. _____	NO. _____
	NO. _____	NO. _____



NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT WIDENING PAVEMENT STRUCTURE



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = brnwehohft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

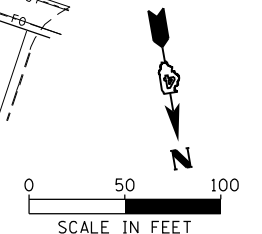
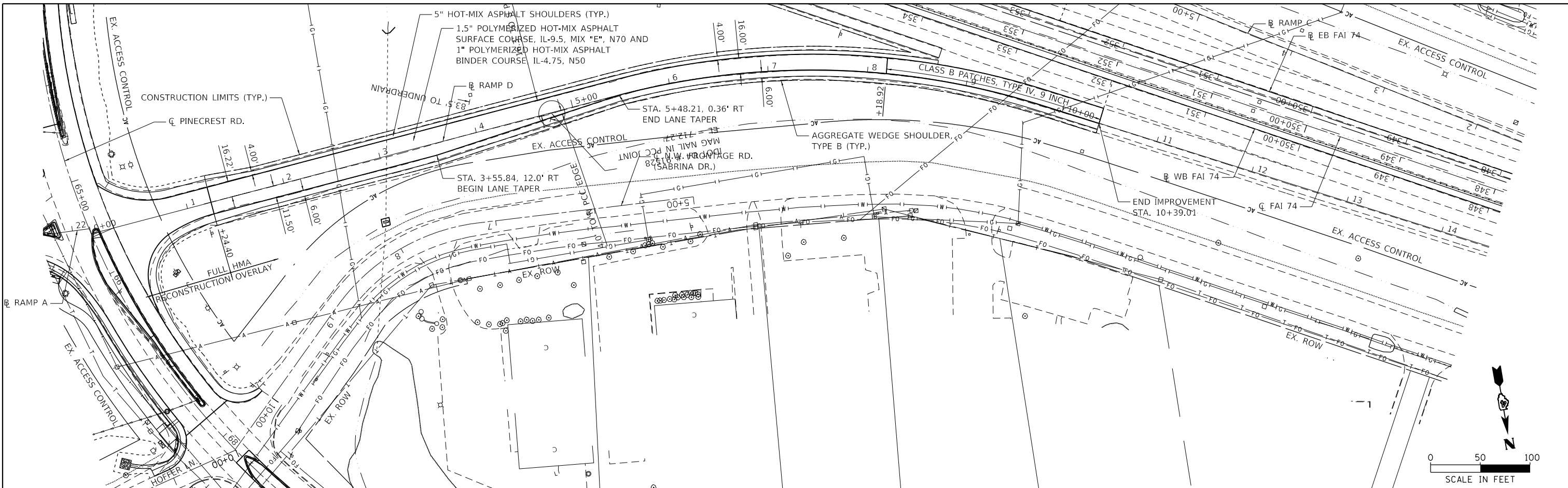
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
RAMP C - PLAN AND PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	61
CONTRACT NO. 68894				

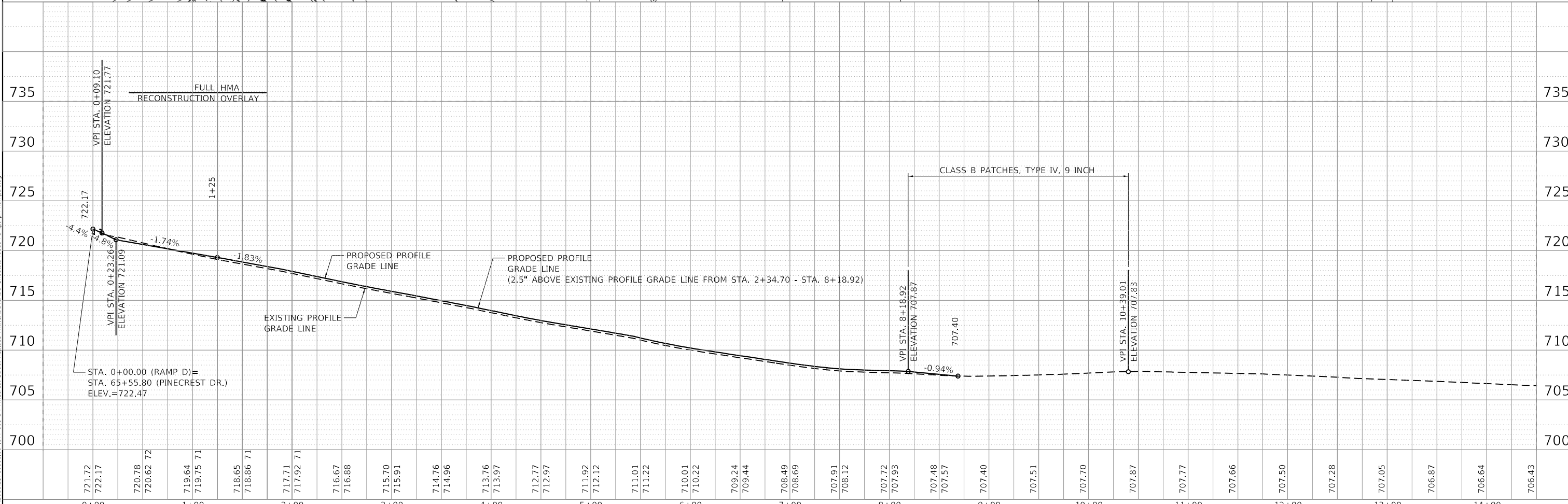
ILLINOIS FED. AID PROJECT

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

PLAN	SURVISED	DATE
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	ALIGNED	
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	NO.	



PROFILE	SURVISED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	
	NO.	



MAURER-STUTZ ENGINEERS SURVEYORS	USER NAME = bmwagehoft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT RAMP D - PLAN AND PROFILE	F.A.I. RTE. = 74	SECTION = (90-14HB-1)BR1	COUNTY = TAZEWELL	TOTAL SHEETS = 212	SHEET NO. = 62
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET 11 OF 11 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 68894
	PLOT DATE = 3/18/2020	DATE -	REVISED -							

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PRE-STAGE OVERVIEW

I-74 PRE-STAGE A OVERVIEW

CLOSE ONE LANE IN EACH DIRECTION TO MILL AND RESURFACE THE INSIDE AND OUTSIDE SHOULDERS TO THE LIMITS SHOWN IN THE REMOVAL PLANS. ONE SHOULDER SHALL BE COMPLETELY PAVED BEFORE MILLING THE OTHER SHOULDER IN EACH DIRECTION. THE BOTTOM LIFT OF SHOULDER SHALL BE PLACED THE SAME DAY THE STRETCH OF SHOULDER IS MILLED. REMOVE THE EXISTING PROTECTIVE SHIELD UNDER THE BRIDGE AND INSTALL THE NEW PROTECTIVE SHIELD. USE A TRUCK MOUNTED ATTENUATOR TO PROTECT THE WORKERS INSTALLING THE PROTECTIVE SHIELD UNDER THE BRIDGE. DURING PRE-STAGE A THERE SHALL BE NO LANE CLOSURES OR EQUIPMENT OR WORKERS ON THE SHOULDERS ON I-74 ON WEEKDAYS BETWEEN 6:00AM AND 9:00AM OR BETWEEN 3:00PM AND 7:00PM.

TC&P STANDARDS 701400-09, 701406-12, 701411-09.

I-74 PRE-STAGE B OVERVIEW

ON WESTBOUND I-74:

CLOSE A LANE AND SHIFT THE OPEN LANE AS SHOWN IN THE STAGING PLANS TO INSTALL THE NEW CULVERT IN TWO STAGES. A TRUCK MOUNTED ATTENUATOR SHALL BE USED TO PROTECT WORKERS AND TO PROTECT TRAFFIC FROM THE DROP-OFF AT THE CULVERT INSTALLATION. NO DROP-OFF GREATER THAN THE DEPTH OF THE EXISTING PAVEMENT WILL BE ALLOWED WITHIN THE CLOSED PAVEMENT AREA OVERNIGHT. THE CONTRACTOR SHALL COMPLETE EACH STAGE OF THE PIPE CULVERT REPLACEMENT (INCLUDING PAVEMENT PATCH) AND REOPEN THE LANE TO TRAFFIC IN 3 CALENDAR DAYS OR LESS. THE TRAFFIC CONTROL SETUP AND TAKEDOWN SHALL NOT OCCUR ON WEEKDAYS BETWEEN 6:00 AM AND 9:00 AM OR BETWEEN 3:00 PM AND 7:00 PM.

TC&P STANDARDS 701400-09, 701401-12, 701411-09.

PINECREST DRIVE OVERVIEW

- AT A 4" DEPTH, MILL AND RESURFACE EXISTING SHOULDER ON THE EAST SIDE OF PINECREST.
TC&P STANDARDS 701501-06, 701601-09.

-INSTALL TEMPORARY SIGNALS AT EACH INTERSECTION OF PINECREST DRIVE AND THE RAMP TERMINALS.
TC&P STANDARDS 701006-05.

-REMOVE THE MEDIANS AND TRAFFIC ISLANDS ON PINECREST NEAR THE RAMP TERMINALS AS SHOWN ON REMOVAL PLANS. REPLACE WITH TEMPORARY PAVEMENT TO ALLOW TRAFFIC TO DETOUR ACROSS THE RAMPS IN LATER STAGES. MAINTAIN TWO-WAY TRAFFIC WITH 10-FT MINIMUM LANE WIDTHS AND 1-FT MINIMUM SHOULDER WIDTHS.
TC&P STANDARDS 701701-10, 701501-06.

-REMOVE THE MEDIAN ON PINECREST FROM STA 58+00 TO STA 59+00 AND FROM STA 61+00 TO STA 64+60 AND REPLACE WITH TEMPORARY PAVEMENT. MAINTAIN TWO-WAY TRAFFIC WITH 10-FT MINIMUM LANE WIDTHS AND 1-FT MINIMUM SHOULDER WIDTHS.
TC&P STANDARDS 701701-10.

STAGE I OVERVIEW

-ON PINECREST, SHIFT TRAFFIC TO THE EAST WITH ONE LANE PER DIRECTION AND NO TURN LANE.
MINIMUM LANE WIDTH IS 10', MINIMUM SHOULDER WIDTH IS 1'.

-SHIFT I-74 TRAFFIC TO THE OUTSIDE FOR THE REMAINDER OF STAGE I, MAINTAINING TWO LANES PER DIRECTION. CLOSE THE INSIDE LANES ON I-74 TO INSTALL TEMPORARY CONCRETE BARRIER.

-REMOVE THE WEST SIDE OF THE BRIDGE DECK.

-CLOSE I-74 IN BOTH DIRECTIONS FOR EVENINGS FROM 10:00PM - 5:00AM TO COMPLETE STAGE I REMOVAL OF THE STRUCTURAL STEEL. DETOUR TRAFFIC ON THE RAMPS. RESUME PREVIOUS TRAFFIC PATTERNS DURING DAYTIME HOURS.
TC&P STANDARDS 701400-09, 701401-12; SHORT-TERM I-74 CLOSURE DETAILS.

-COMPLETE STAGE I REMOVAL AND REPLACEMENT OF THE MEDIAN PIER AND ABUTMENTS.

-CLOSE I-74 IN BOTH DIRECTIONS FOR EVENINGS FROM 10:00PM - 5:00AM TO COMPLETE STAGE I PLACEMENT OF THE STRUCTURAL STEEL. DETOUR TRAFFIC ON THE RAMPS. RESUME PREVIOUS TRAFFIC PATTERNS DURING DAYTIME HOURS.
TC&P STANDARDS 701400-09, 701401-12; SHORT-TERM I-74 CLOSURE DETAILS.

-ON THE WEST SIDE OF PINECREST, COMPLETE THE NEW ROAD PROFILE IN THE AREA BETWEEN THE APPROACHES AND THE RAMPS' BRIDGE-SIDE RADIUS RETURNS.

-CONSTRUCT THE BRIDGE DECK (WEST SIDE).

-TOWARD THE END OF STAGE I, CLOSE RAMP C AND RAMP D FOR REHABILITATION AND RECONSTRUCTION. DETOUR RAMP C AND RAMP D TRAFFIC. SEE DETOUR DETAILS.
TC&P STANDARD 701451-05

STAGE II OVERVIEW

-I-74 TRAFFIC SHALL REMAIN TWO LANES IN EACH DIRECTION, SHIFTED TO THE INSIDE.

-ON PINECREST, SHIFT TRAFFIC TO THE NEWLY COMPLETED WEST SIDE OF THE BRIDGE WITH ONE LANE PER DIRECTION AND NO TURN LANE. REOPEN RAMP C AND RAMP D.
MINIMUM LANE WIDTH IS 10', MINIMUM SHOULDER WIDTH IS 1'.

-CLOSE RAMP A AND RAMP B FOR REHABILITATION AND RECONSTRUCTION. DETOUR RAMP A AND RAMP B TRAFFIC. SEE DETOUR DETAILS.
TC&P STANDARD 701451-05.

-REBUILD THE EASTERLY RAMP INTERSECTIONS TO THE NEW PROFILE. WHEN COMPLETE, REOPEN RAMP A AND RAMP B.

-REMOVE THE REMAINING EXISTING BRIDGE DECK.

-CLOSE I-74 IN BOTH DIRECTIONS FOR EVENINGS FROM 10:00PM - 5:00AM TO COMPLETE STAGE II REMOVAL OF THE STRUCTURAL STEEL. DETOUR TRAFFIC ON THE RAMPS. RESUME PREVIOUS TRAFFIC PATTERN DURING DAYTIME HOURS.
TC&P STANDARDS 701400-09, 701401-12; SHORT-TERM I-74 CLOSURE DETAILS.

-ON I-74, REMOVE THE REMAINDER OF THE MEDIAN PIER AND ABUTMENTS AND COMPLETE SUBSTRUCTURE CONSTRUCTION. COMPLETE MEDIAN WORK ON I-74.

-ON I-74, SHIFT LANES OF TRAFFIC TO THE INSIDE.

-ON I-74, CLOSE OUTSIDE LANES TO REMOVE THE OUTSIDE PIERS.
TC&P STANDARDS 701400-09, 701401-12.

-CLOSE I-74 IN BOTH DIRECTIONS FOR EVENINGS FROM 10:00PM - 5:00AM TO COMPLETE STAGE II PLACEMENT OF THE STRUCTURAL STEEL. DETOUR TRAFFIC ON THE RAMPS. RESUME PREVIOUS TRAFFIC PATTERN DURING DAYTIME HOURS.
TC&P STANDARDS 701400-09, 701401-12; SHORT-TERM I-74 CLOSURE DETAILS.

-CONSTRUCT THE BRIDGE DECK.

-REBUILD EAST-SIDE APPROACHES TO THE NEW ROAD PROFILE.

-CONSTRUCT SLOPE WALLS. REOPEN I-74 TO NORMAL TRAFFIC FLOW.

-REPLACE SIGNAGE ON PINECREST. REOPEN PINECREST TO NORMAL TRAFFIC FLOW.
TC&P STANDARDS 701701-10, 701501-06 AND 701601-09

STAGE III OVERVIEW

-REPLACE THE MEDIANS ON PINECREST DR.
TC&P STANDARDS 701701-10, 701501-06, 701601-09.

NOTES:

1. THIS IS A SUGGESTED STAGING PLAN. THE CONTRACTOR SHALL SUBMIT ANY PROPOSED CHANGES TO THIS PLAN TO THE ENGINEER, IN WRITING, FOR CONSIDERATION. NO CHANGES SHALL BE MADE TO THE PROPOSED STAGING WITHOUT WRITTEN APPROVAL FROM THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS ASSOCIATED WITH CHANGES TO STAGING REQUESTED BY THE CONTRACTOR.
2. DURING STAGE I THERE SHALL BE NO LANE CLOSURES OR EQUIPMENT OR WORKERS ON THE SHOULDERS ON I-74 ON WEEKDAYS BETWEEN 6:00AM AND 9:00AM OR BETWEEN 3:00PM AND 7:00PM.
3. DURING STAGE II THERE SHALL BE NO LANE CLOSURES OR EQUIPMENT OR WORKERS ON THE SHOULDERS ON I-74 ON WEEKDAYS BETWEEN 6:00AM AND 9:00AM OR BETWEEN 3:00PM AND 7:00PM.
4. TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT ACCORDING TO SAFETY ENGINEERING POLICY MEMORANDUM 4-15 AND THE STANDARD SPECIFICATIONS.

NOTES (CONT.):

5. ALL TEMPORARY AND PERMANENT SIGNAGE SHALL BE POSITIONED IN ACCORDANCE WITH THE GUIDELINES IN THE MOST RECENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL AND DEVICES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. THE RAMP CLOSURES DURING STAGE 1 SHALL OCCUR AT THE END OF STAGE 1, AND THE CLOSURES SHALL BE LIMITED TO NO MORE THAN 8 WEEKS. THE RAMPS SHALL BE REOPENED WHEN TRAFFIC ON PINECREST IS SWITCHED TO THE STAGE 2 LAYOUT.
7. THE RAMP CLOSURES DURING STAGE 2 SHALL BEGIN WHEN TRAFFIC ON PINECREST IS SWITCHED TO THE STAGE 2 LAYOUT. THE CLOSURES SHALL BE LIMITED TO NO MORE THAN 10 WEEKS. THE RAMPS WILL HAVE TO BE PARTIALLY OPENED DURING THE CLOSURE PERIOD TO ALLOW FOR DETOURING I-74 TRAFFIC DURING THE EVENING CLOSURES FOR BEAM REMOVAL AND BEAM SETTING. AGGREGATE FOR TEMPORARY ACCESS SHALL BE INSTALLED TO MAKE UP THE ELEVATION DIFFERENCE AT THE INTERSECTION AS DIRECTED BY THE ENGINEER FOR THE DETOURING OF I-74 TRAFFIC ON THE RAMPS. THE TEMPORARY CONCRETE BARRIER ON PINECREST AT RAMP A SHALL BE TEMPORARILY RELOCATED DURING THESE DETOURS. SEE TEMPORARY BARRIER NOTES ON STAGE 2: PINECREST PLAN SHEET.

NOTES (CONT.):

8. ON I-74 THE MINIMUM LANE WIDTH IS 11', AND THE MINIMUM SHOULDER WIDTH IS 2'.
9. THE LANE SHIFTS AND TEMPORARY CONCRETE BARRIER FOR STAGE I TRAFFIC CONTROL SHALL NOT BE INSTALLED ON I-74 BEFORE APRIL 1, 2021, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

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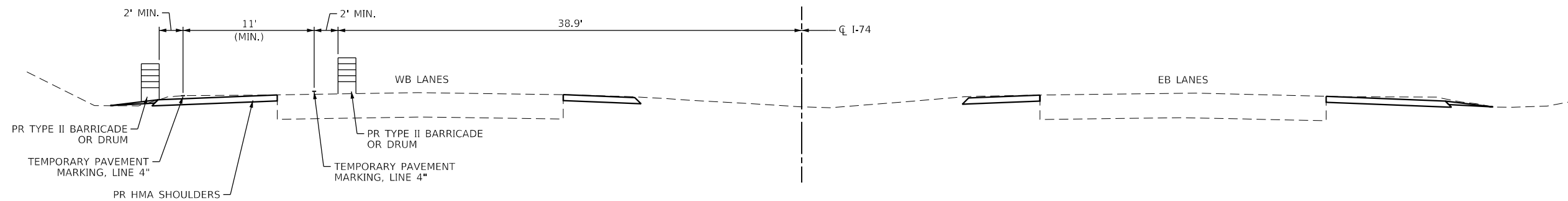


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	DRAWN -	REVISED -
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PLOT DATE = 3/25/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGING OVERVIEW**

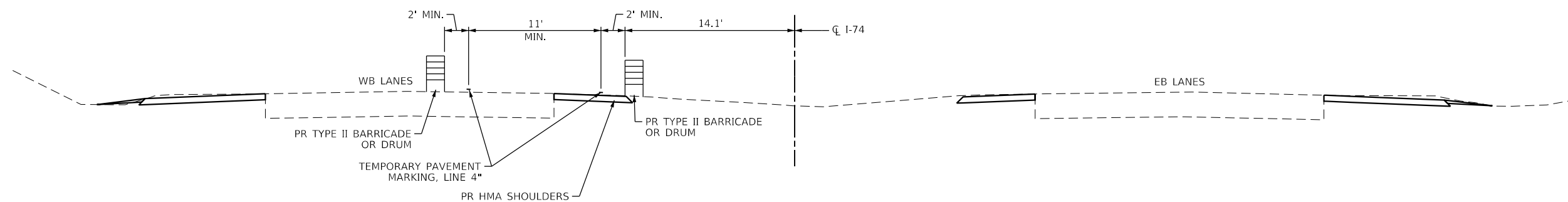
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	63
CONTRACT NO. 68894				
SCALE:		SHEET 1 OF 14 SHEETS	STA.	TO STA.
		ILLINOIS	FED. AID PROJECT	



STAGING TYPICAL SECTION

PRE-STAGE B1: I-74

(LOOKING EAST)



STAGING TYPICAL SECTION

PRE-STAGE B2: I-74

(LOOKING EAST)

MODEL: D:\68894_Typical\Fig 1
FILE NAME: S:\23730\62371600\100_1174\09_D4_Pinecrest Struct Replace_Plan\CADD\CADD Sheets\Subs\0468894-sh-staging-TypicalSections.dgn



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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

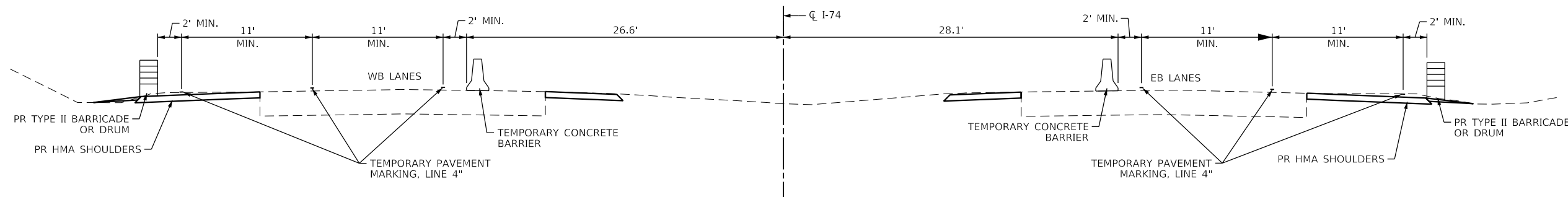
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGING TYPICAL SECTIONS

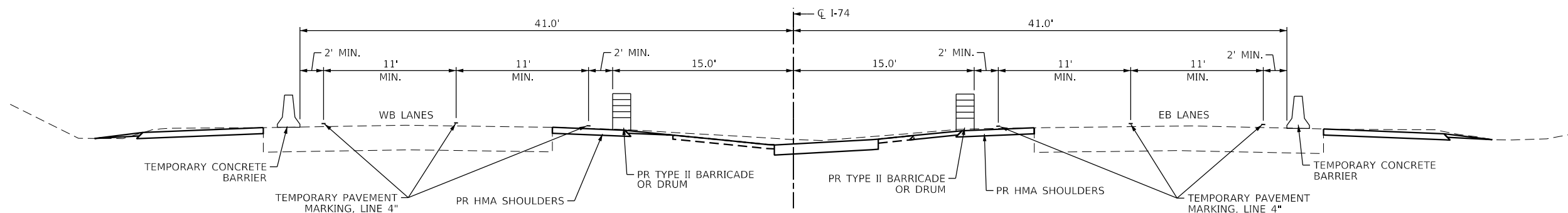
SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	64
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 68894



STAGING TYPICAL SECTION
STAGE 1: I-74
 (LOOKING EAST)



STAGING TYPICAL SECTION
STAGE 2: I-74
 (LOOKING EAST)

MODEL: D:\68994_Typical_Pg 2
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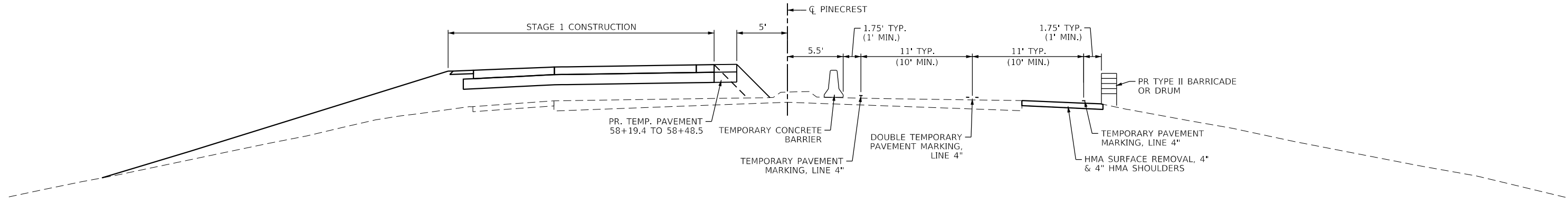
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	DRAWN -	REVISED -
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PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

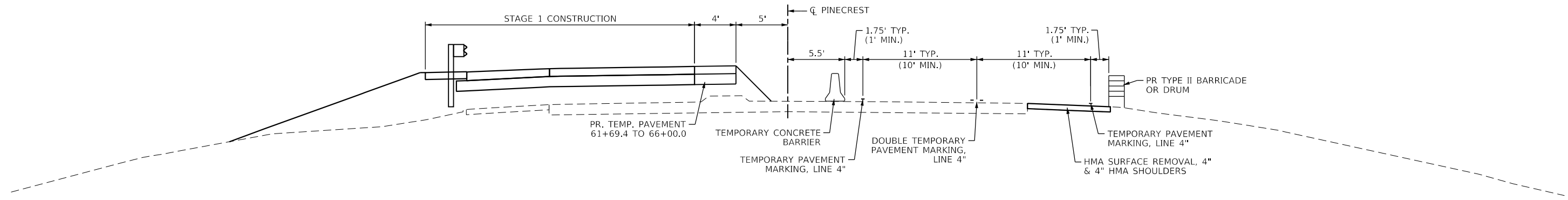
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGING TYPICAL SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	65
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 3 OF 14 SHEETS STA. TO STA.



STAGING TYPICAL SECTION
STAGE 1: PINECREST
 (SOUTH OF BRIDGE)
 (LOOKING NORTH)



STAGING TYPICAL SECTION
STAGE 1: PINECREST
 (NORTH OF BRIDGE)
 (LOOKING NORTH)

MODEL: D:\68894_Typical_Pg_3
 FILE NAME: S:\237\2016\23716001\00_1177-2009_D4_Pinecrest_Struct_Replace_Plan\CADD\CADD_Sheets\Subs\0468894-shs-staging-TypicalSections.dgn



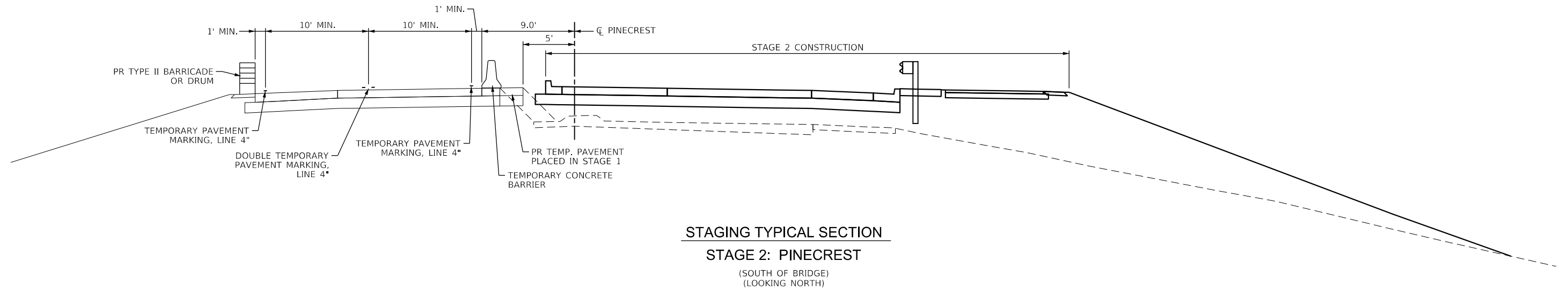
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PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

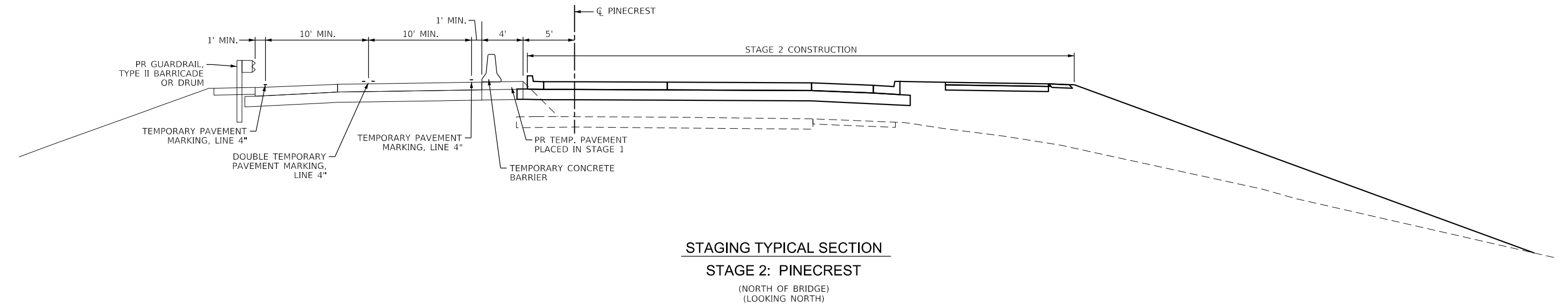
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGING TYPICAL SECTIONS

SCALE: SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	66
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



STAGING TYPICAL SECTION
STAGE 2: PINECREST
 (SOUTH OF BRIDGE)
 (LOOKING NORTH)



STAGING TYPICAL SECTION
STAGE 2: PINECREST
 (NORTH OF BRIDGE)
 (LOOKING NORTH)

MODEL: D:\68894_Typical_Pg 4
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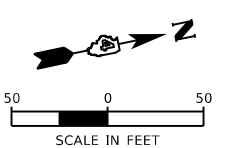
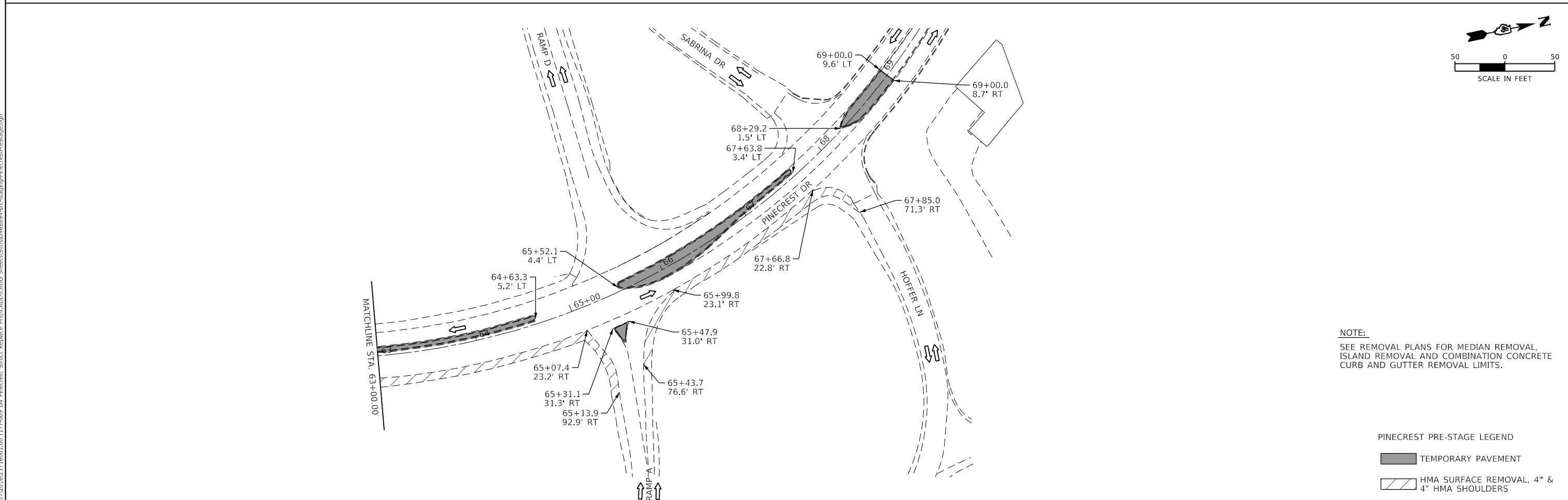
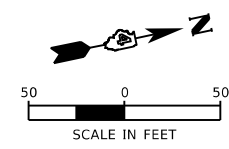
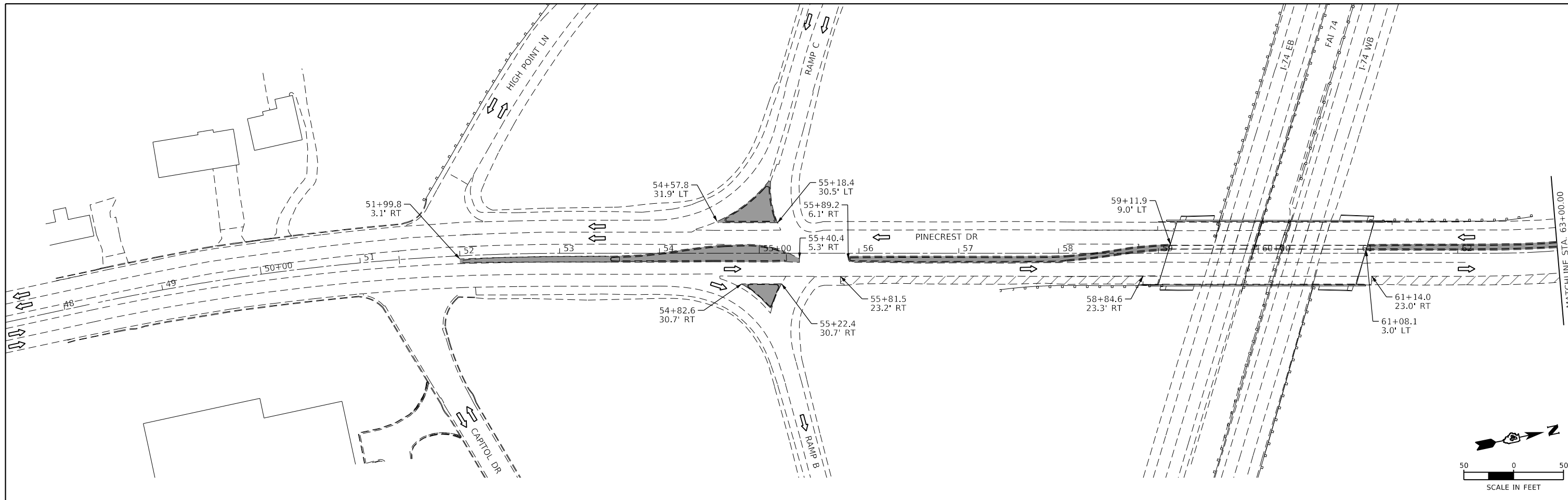
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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
 STAGING TYPICAL SECTIONS

SCALE: SHEET 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	67
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



NOTE:
SEE REMOVAL PLANS FOR MEDIAN REMOVAL, ISLAND REMOVAL AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL LIMITS.

PINECREST PRE-STAGE LEGEND

	TEMPORARY PAVEMENT
	HMA SURFACE REMOVAL, 4" & 4" HMA SHOULDERS

MODEL: D:\68894\Pinecrest_PreStage.dwg
 FILE NAME: S:\23730\623716001\00_1177-009_D4_Pinecrest_Struct_Replace_Phil\CADD\CADD Sheets\Subs\0468894-shs-staging-PinecrestPreStage.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PRE-STAGE: PINECREST

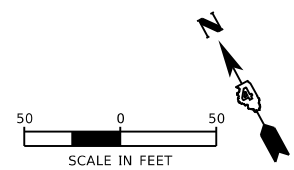
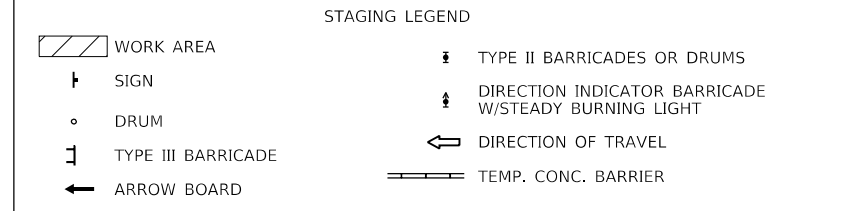
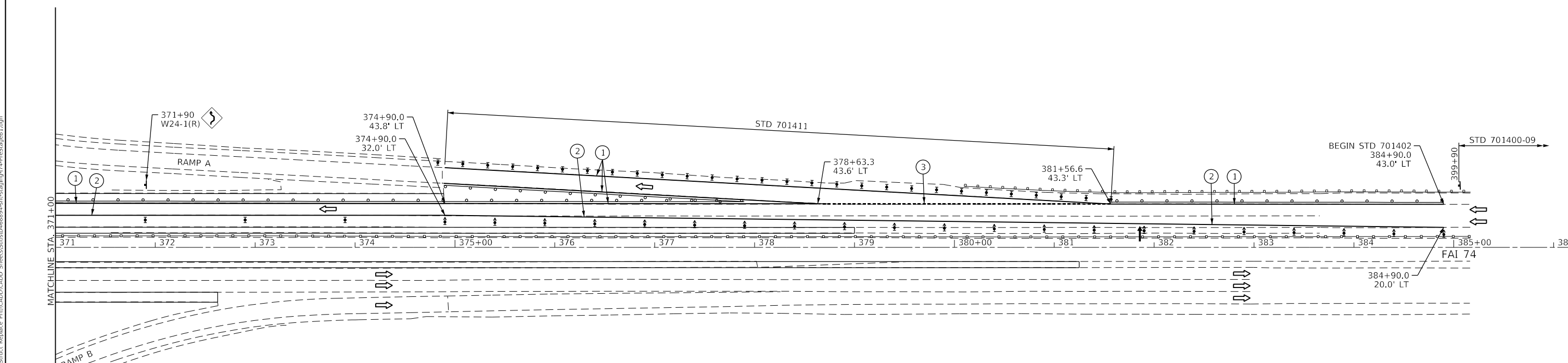
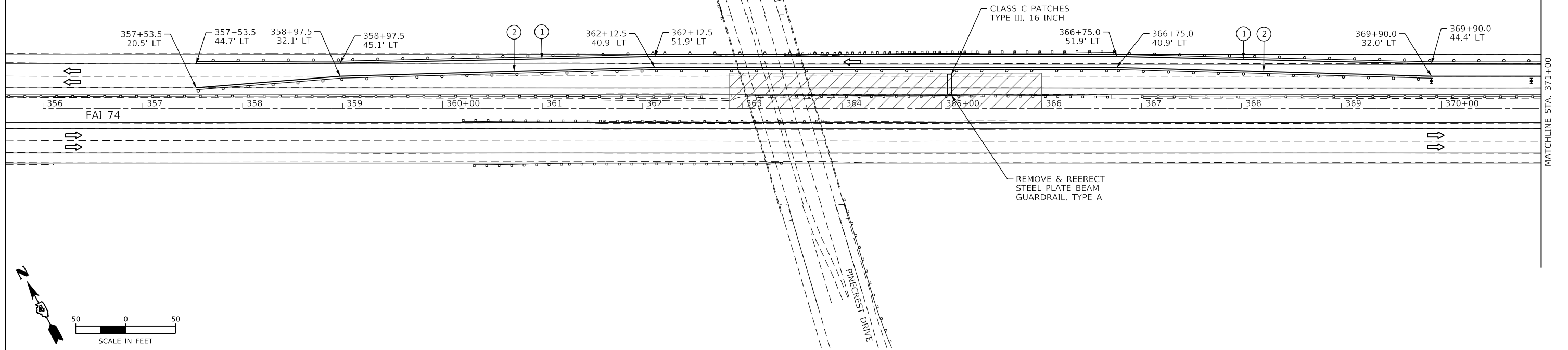
SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	68
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKING LEGEND

- ① 4" SOLID (WHITE)
- ② 4" SOLID (YELLOW)
- ③ 8" DOTTED (WHITE)

NOTE:
CONTRACTOR SHALL USE STD 701400,
701401 & 701411 FOR PRE-STAGE B1.



MODEL: D:\68894 I74_VB_PrairieB1_Page 1
FILE NAME: S:\2373016\237316001\1177-209 D4 Pinecrest Struct Replace PHICADD\CADD Sines\Sub\50468894-shs-staging-I74-PreStageB1.dgn



USER NAME = bmrwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PRE-STAGE B1: I-74

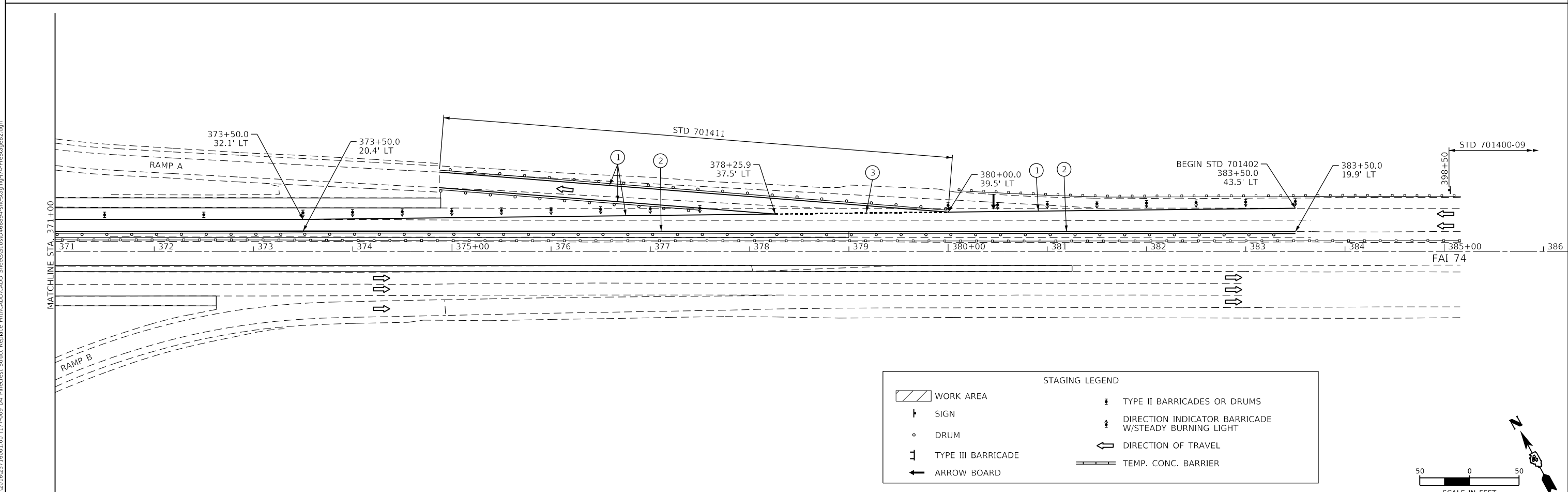
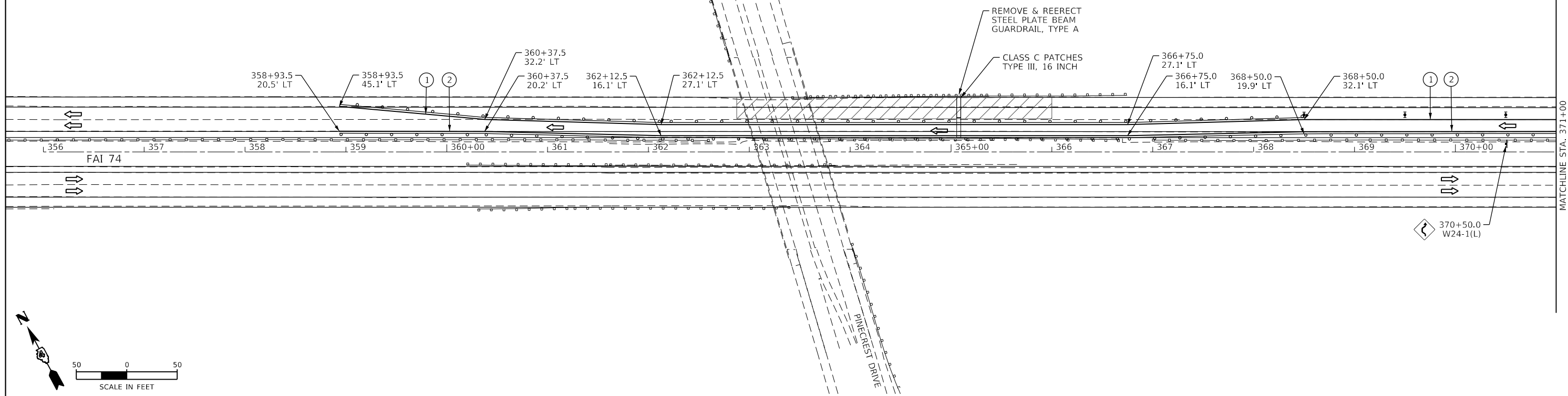
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	69
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

TEMPORARY PAVEMENT MARKING LEGEND

- ① 4" SOLID (WHITE)
- ② 4" SOLID (YELLOW)
- ③ 8" DOTTED (WHITE)

NOTE:
CONTRACTOR SHALL USE STD 701400,
701402 & 701411 FOR PRE-STAGE B2.



STAGING LEGEND

WORK AREA	TYPE II BARRICADES OR DRUMS
SIGN	DIRECTION INDICATOR BARRICADE W/STEADY BURNING LIGHT
DRUM	DIRECTION OF TRAVEL
TYPE III BARRICADE	TEMP. CONC. BARRIER
ARROW BOARD	

MODEL: D:\68894_174_MBE_Prairie\B2.dgn
FILE NAME: S:\2373016\23716001\1177-009_D4_Pinecrest_Struct_Replace_Plan\CADD\CADD_Series\Series0468894-shs-stageB2.dgn



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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

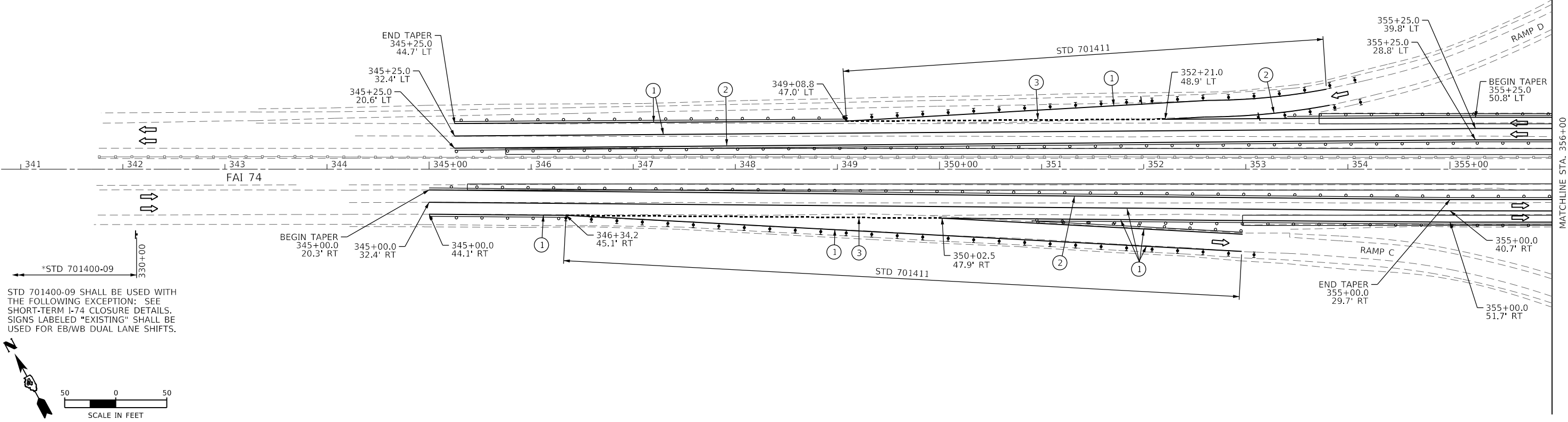
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PRE-STAGE B2: I-74**

SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.

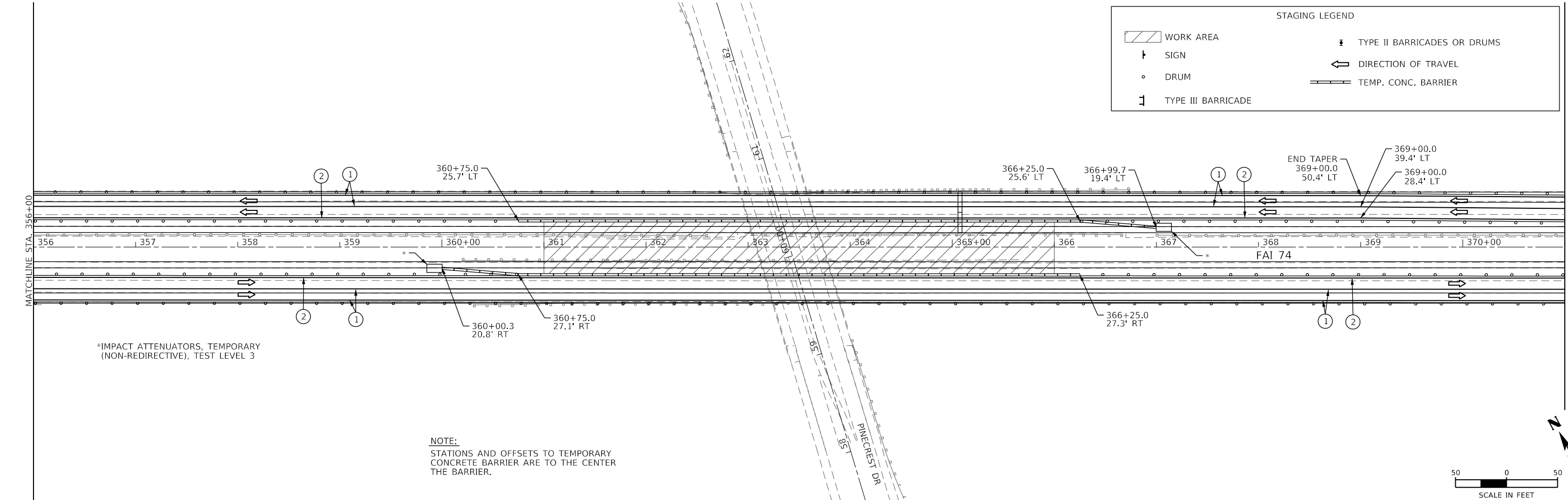
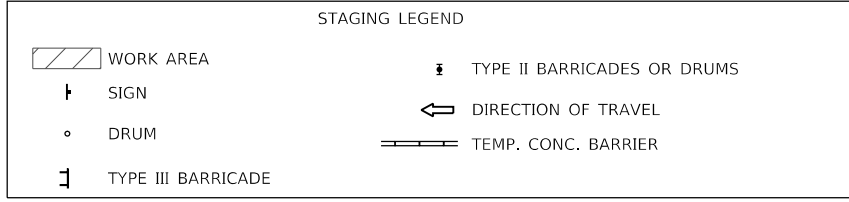
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	70
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

TEMPORARY PAVEMENT MARKING LEGEND

- ① 4" SOLID (WHITE)
- ② 4" SOLID (YELLOW)
- ③ 8" DOTTED (WHITE)



STD 701400-09 SHALL BE USED WITH THE FOLLOWING EXCEPTION: SEE SHORT-TERM I-74 CLOSURE DETAILS. SIGNS LABELED "EXISTING" SHALL BE USED FOR EB/WB DUAL LANE SHIFTS.



*IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

NOTE:
STATIONS AND OFFSETS TO TEMPORARY CONCRETE BARRIER ARE TO THE CENTER THE BARRIER.

MODEL: D:\68894 I74 Stage 1 Page 1
FILE NAME: I:\03\2015\91P1503 PFB_177-09 Pinecrest Drive Bridge Replacement\Drawings\Sheet\68894-eh-stage1.dgn



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DESIGNED -	
DRAWN -	
PLOT SCALE =	100.0000' / in.
PLOT DATE =	3/25/2020

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

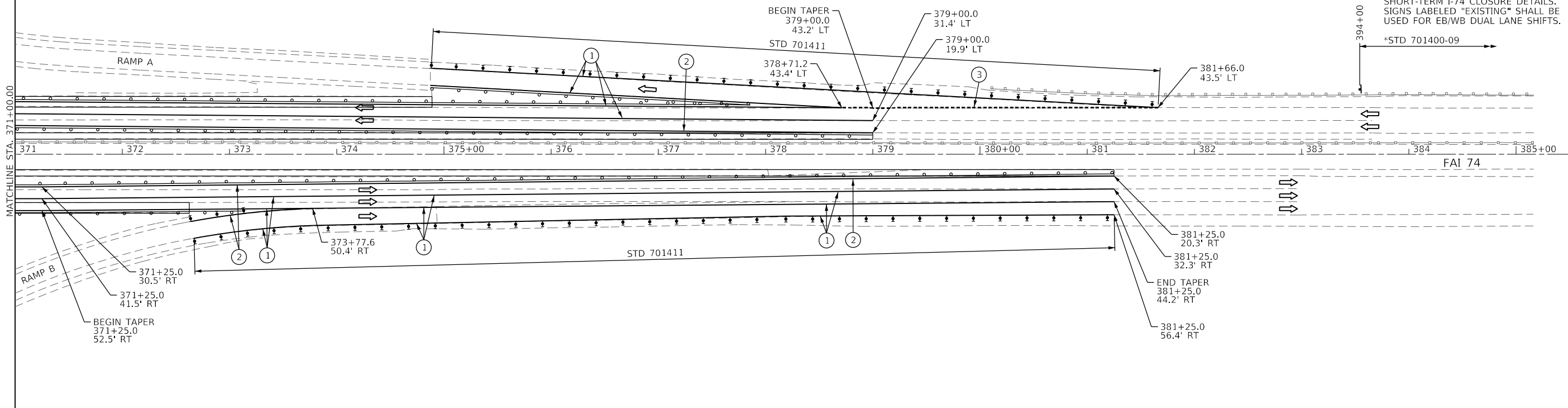
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGE 1: I-74

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	71
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



STD 701400-09 SHALL BE USED WITH THE FOLLOWING EXCEPTION: SEE SHORT-TERM I-74 CLOSURE DETAILS. SIGNS LABELED "EXISTING" SHALL BE USED FOR EB/WB DUAL LANE SHIFTS.



TEMPORARY PAVEMENT MARKING LEGEND

①	4" SOLID (WHITE)
②	4" SOLID (YELLOW)
③	8" DOTTED (WHITE)

STAGING LEGEND

	WORK AREA		TYPE II BARRICADES OR DRUMS
	SIGN		DIRECTION OF TRAVEL
	DRUM		TEMP. CONC. BARRIER
	TYPE III BARRICADE		

MODEL: D:\68894 I74 Stage 1 Page 2
 FILE NAME: K:\68894\Drawings\Sheet\68894-11-Stage1.dgn



USER NAME = bbrennan	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

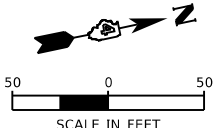
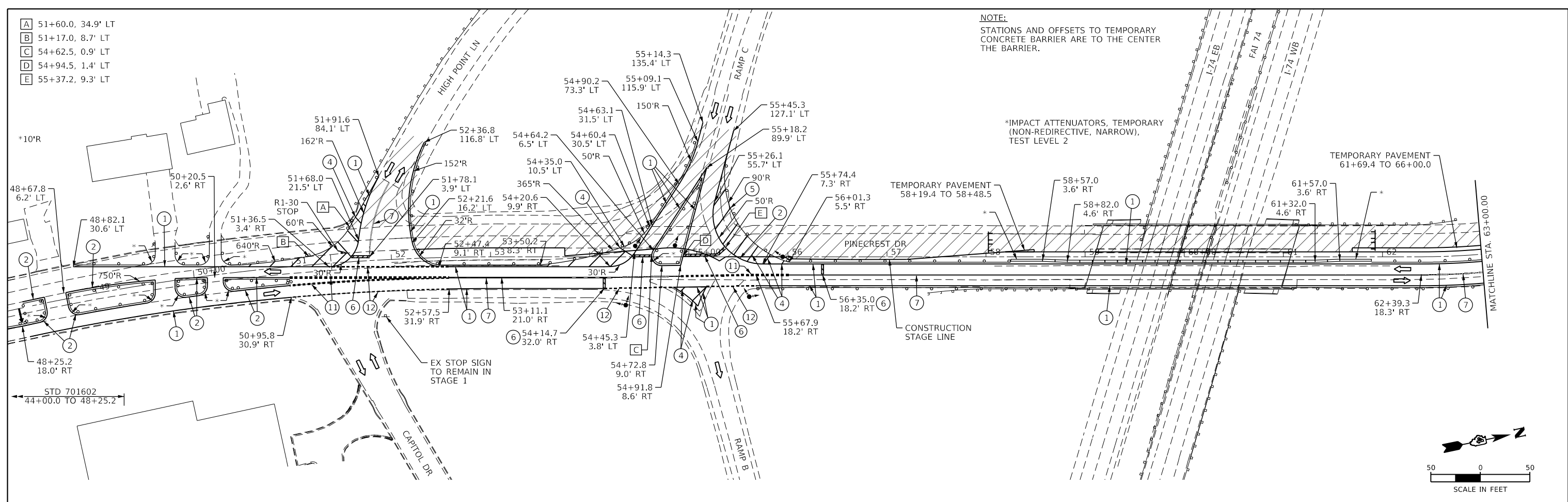
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGE 1: I-74

SCALE: SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

- A 51+60.0, 34.9' LT
- B 51+17.0, 8.7' LT
- C 54+62.5, 0.9' LT
- D 54+94.5, 1.4' LT
- E 55+37.2, 9.3' LT

NOTE:
STATIONS AND OFFSETS TO TEMPORARY CONCRETE BARRIER ARE TO THE CENTER THE BARRIER.



- F 67+94.9, 31.5' LT
- G 67+75.0, 2.4' RT
- H 68+14.1, 16.4' LT
- I 68+04.9, 62.6' LT
- J 68+18.2, 64.9' LT
- K 68+22.4, 49.2' LT
- L 68+55.0, 24.4' LT
- M 68+05.3, 35.6' RT

STAGE CONSTRUCTION LINE
 53+75.00 TO 55+30.62: WEST EDGE OF PR MEDIAN
 55+30.62 TO 56+02.68: PAVEMENT JOINT AT C PINECREST
 56+02.68 TO 57+43.82: WEST EDGE OF PR MEDIAN
 57+43.82 TO 61+69.57: BRIDGE STAGE CONSTRUCT. LINE
 61+69.57 TO 64+51.91: WEST EDGE OF PR MEDIAN
 64+51.91 TO 65+53.01: PAVEMENT JOINT WEST OF C PINECREST
 65+53.01 TO 67+75.00: WEST EDGE OF PR MEDIAN

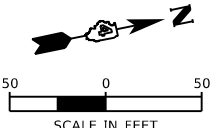
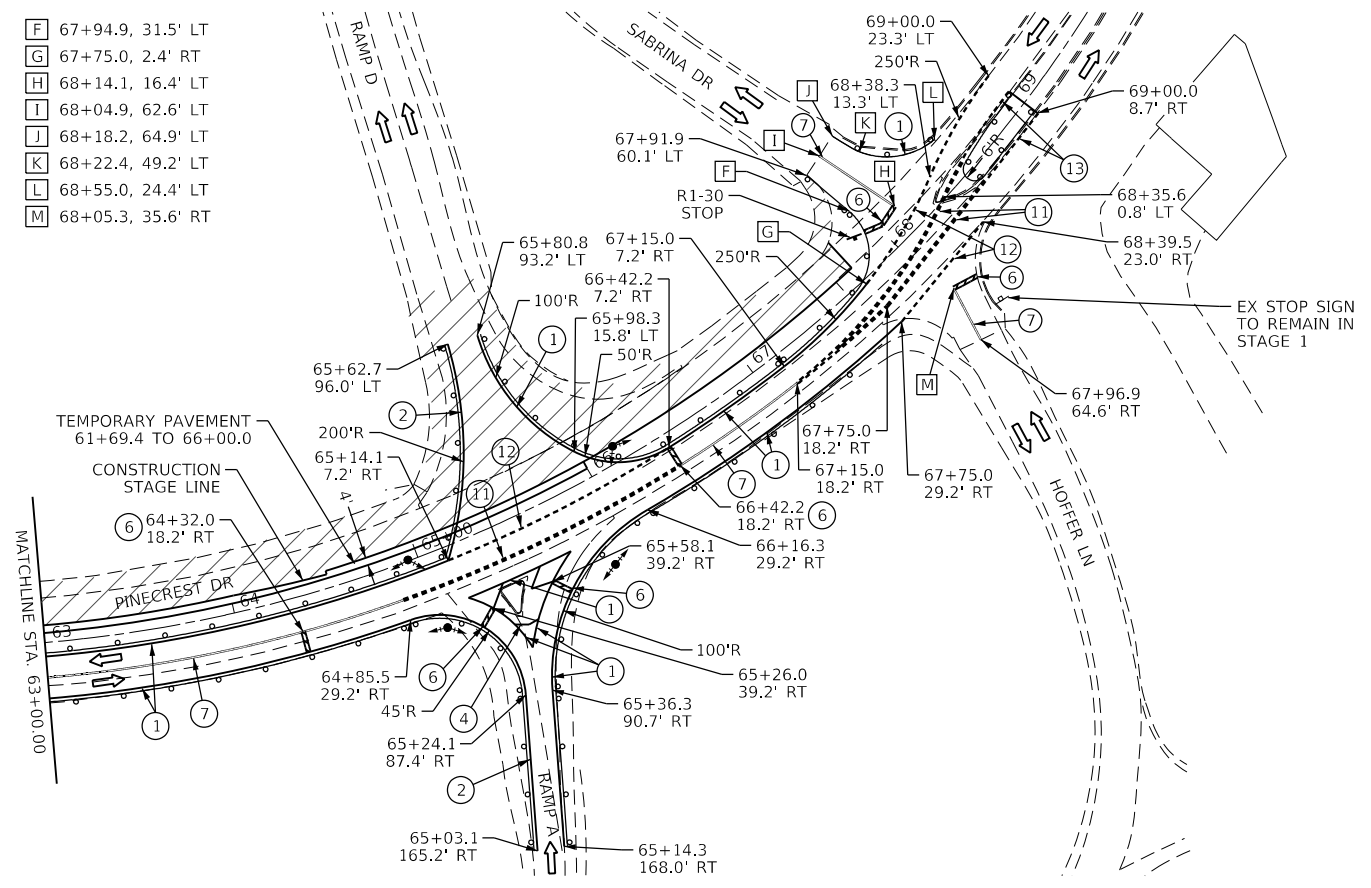
TEMPORARY PAVEMENT MARKING LEGEND

1 4" SOLID (WHITE)	7 4" DOUBLE SOLID (YELLOW)
2 4" SOLID (YELLOW)	8 6" SKIP DASH (WHITE)
3 8" SOLID (WHITE)	9 8" DOTTED (WHITE)
4 12" SOLID (WHITE)	10 LETTERS & SYMBOLS (WHITE)
5 12" SOLID (YELLOW)	11 4" DOUBLE DOTTED (YELLOW)
6 24" SOLID (WHITE)	12 4" DOTTED (WHITE)
	13 4" DOTTED (YELLOW)

STAGING LEGEND

WORK AREA	TEMPORARY TRAFFIC SIGNAL
SIGN	DIRECTION OF TRAVEL
DRUM	TEMP. CONC. BARRIER
TYPE III BARRICADE	

NOTE:
RAMP C AND D SHALL BE CLOSED FOR A PORTION OF STAGE 1 FOR RECONSTRUCTION AND REHABILITATION. SEE STAGING OVERVIEW. SEE DETOUR DETAILS.



MODEL: D468994 Pinecrest Stage 1
FILE NAME: S:\23730\623716001\00_1177-2009_D4 Pinecrest Struct Replace_Phil\CADD\CADD Sheets\Subs\04688994-shs-staging-Pinecrest1.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 3/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

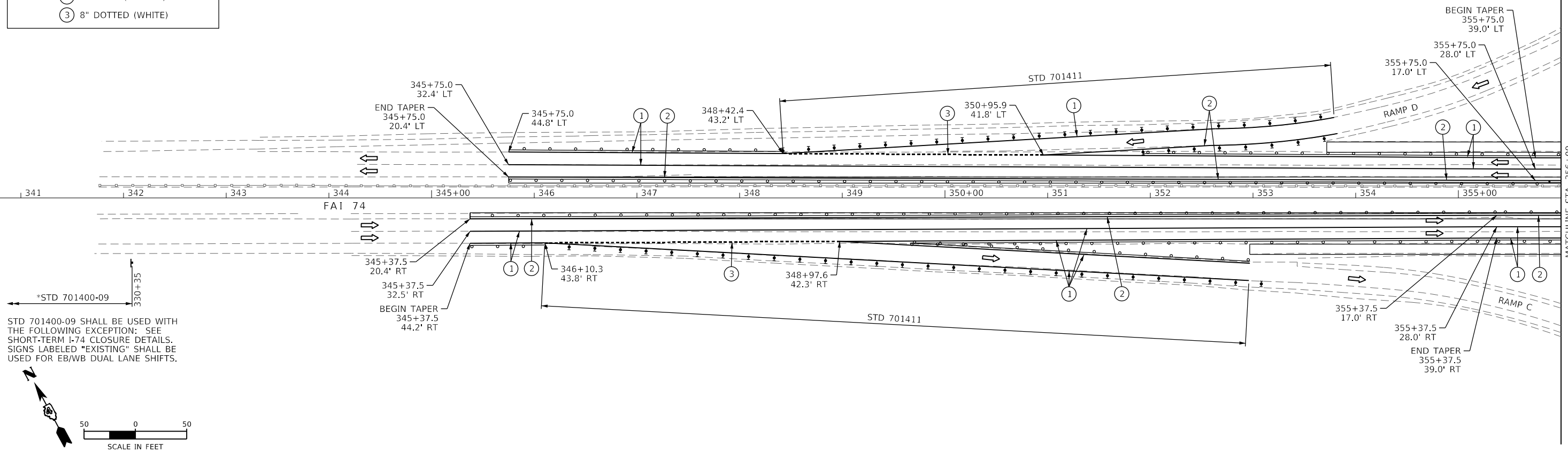
**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGE 1: PINECREST**

SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.

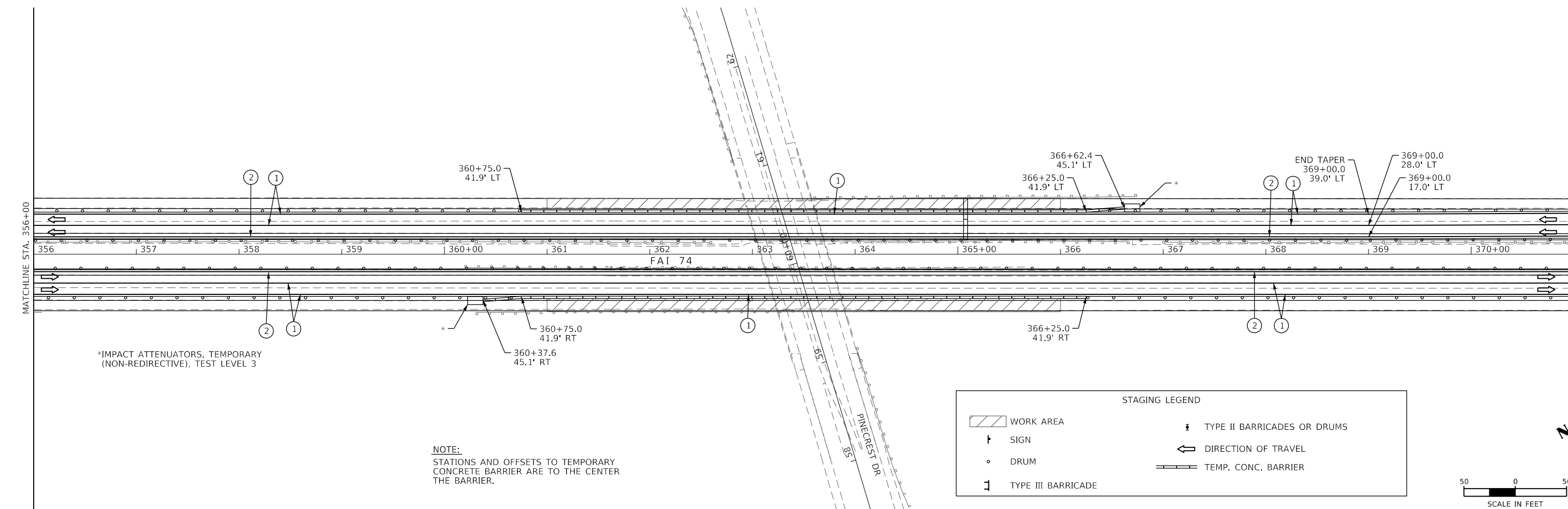
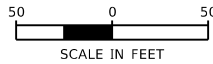
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	73
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKING LEGEND

- ① 4" SOLID (WHITE)
- ② 4" SOLID (YELLOW)
- ③ 8" DOTTED (WHITE)

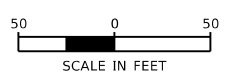
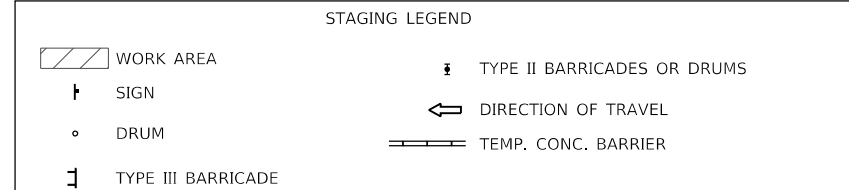


STD 701400-09 SHALL BE USED WITH THE FOLLOWING EXCEPTION: SEE SHORT-TERM I-74 CLOSURE DETAILS. SIGNS LABELED "EXISTING" SHALL BE USED FOR EB/WB DUAL LANE SHIFTS.



*IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

NOTE:
STATIONS AND OFFSETS TO TEMPORARY CONCRETE BARRIER ARE TO THE CENTER THE BARRIER.



MODEL: D:\68894_174_Stage_2_Page_1.Plot FILE NAME: I:\09032015\91P1503_PFB_174-09_Pinecrest Drive Bridge Replacement\Drawings\Sheet\68894-174-Stage2.dgn



USER NAME = bbrennan	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

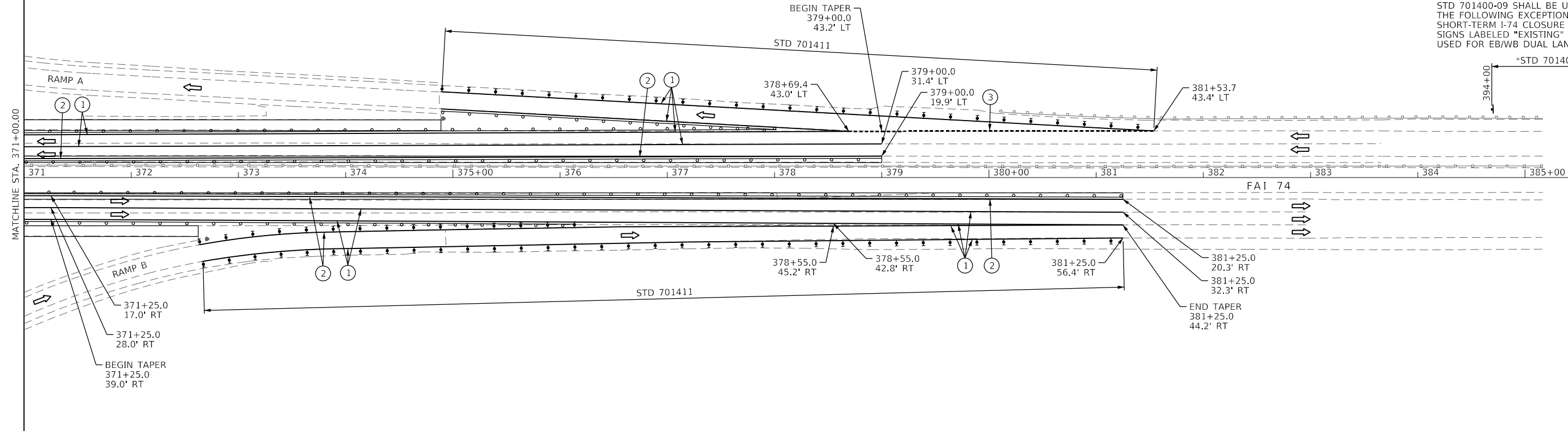
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGE 2: I-74

SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	74
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



STD 701400-09 SHALL BE USED WITH THE FOLLOWING EXCEPTION: SEE SHORT-TERM I-74 CLOSURE DETAILS. SIGNS LABELED "EXISTING" SHALL BE USED FOR EB/WB DUAL LANE SHIFTS.



TEMPORARY PAVEMENT MARKING LEGEND

①	4" SOLID (WHITE)
②	4" SOLID (YELLOW)
③	8" DOTTED (WHITE)

STAGING LEGEND

	WORK AREA		TYPE II BARRICADES OR DRUMS
	SIGN		DIRECTION OF TRAVEL
	DRUM		TEMP. CONC. BARRIER
	TYPE III BARRICADE		

MODEL: D:\68894 I74 Stage 2 Page 2
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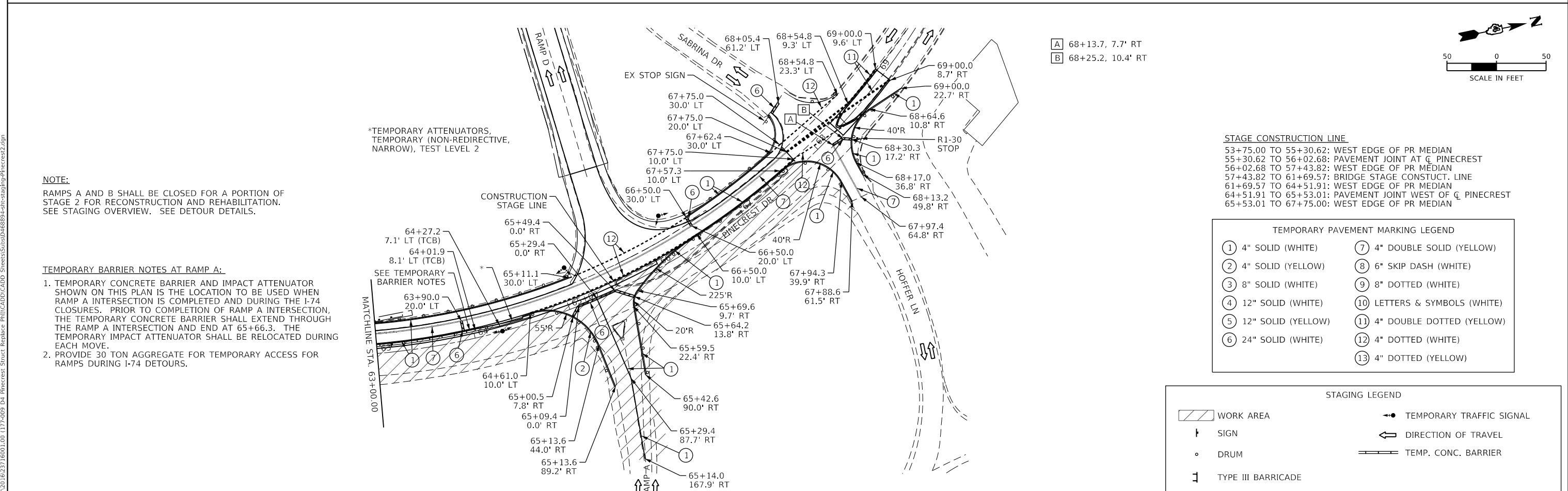
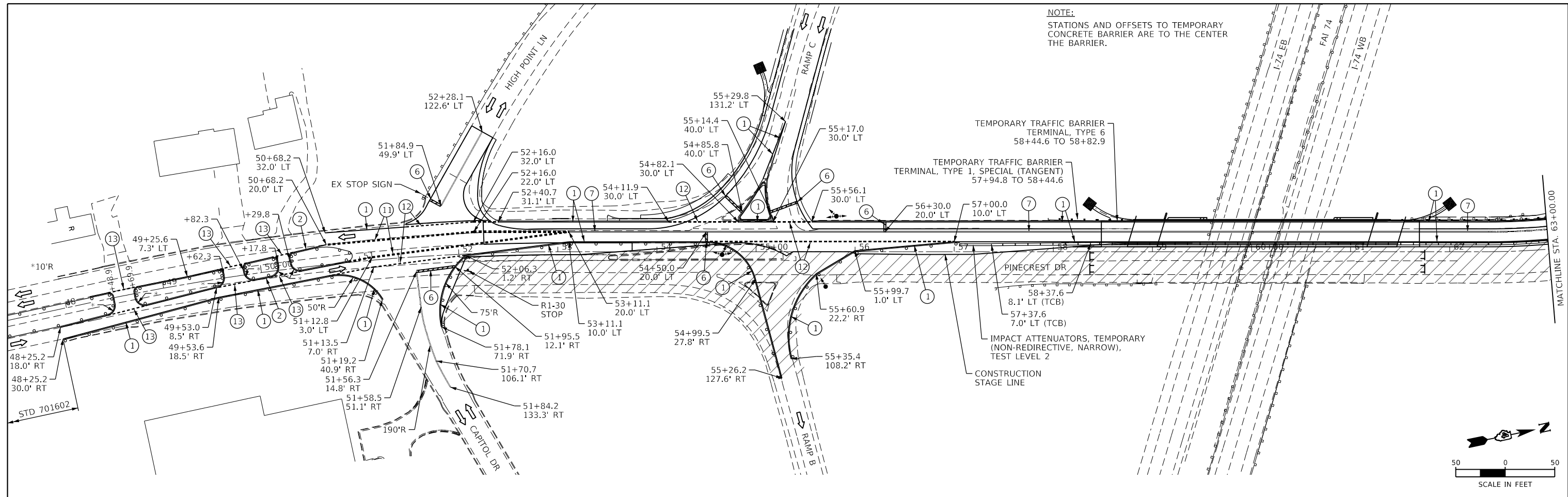
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGE 2: I-74**

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	75
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



STAGE CONSTRUCTION LINE
53+75.00 TO 55+30.62: WEST EDGE OF PR MEDIAN
55+30.62 TO 56+02.68: PAVEMENT JOINT AT CL PINECREST
56+02.68 TO 57+43.82: WEST EDGE OF PR MEDIAN
57+43.82 TO 61+69.57: BRIDGE STAGE CONSTRUCT. LINE
61+69.57 TO 64+51.91: WEST EDGE OF PR MEDIAN
64+51.91 TO 65+53.01: PAVEMENT JOINT WEST OF CL PINECREST
65+53.01 TO 67+75.00: WEST EDGE OF PR MEDIAN

TEMPORARY PAVEMENT MARKING LEGEND

① 4" SOLID (WHITE)	⑦ 4" DOUBLE SOLID (YELLOW)
② 4" SOLID (YELLOW)	⑧ 6" SKIP DASH (WHITE)
③ 8" SOLID (WHITE)	⑨ 8" DOTTED (WHITE)
④ 12" SOLID (WHITE)	⑩ LETTERS & SYMBOLS (WHITE)
⑤ 12" SOLID (YELLOW)	⑪ 4" DOUBLE DOTTED (YELLOW)
⑥ 24" SOLID (WHITE)	⑫ 4" DOTTED (WHITE)
	⑬ 4" DOTTED (YELLOW)

STAGING LEGEND

WORK AREA	TEMPORARY TRAFFIC SIGNAL
SIGN	DIRECTION OF TRAVEL
DRUM	TEMP. CONC. BARRIER
TYPE III BARRICADE	



USER NAME = bmwagehoft	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2020	DATE -	REVISED -

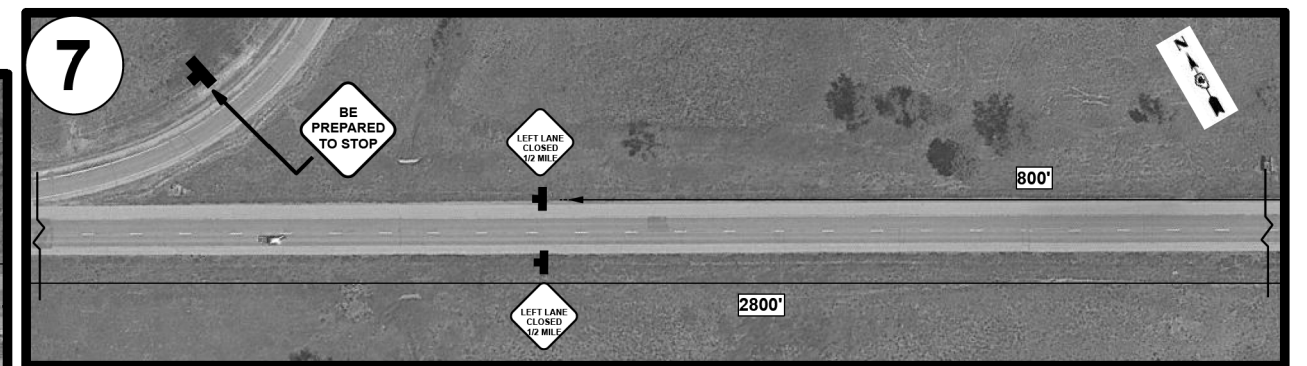
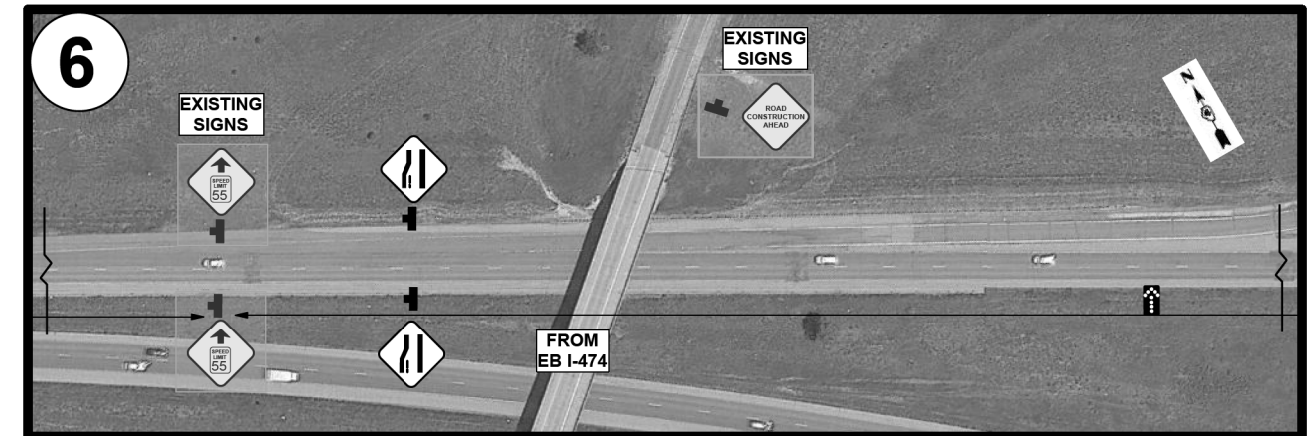
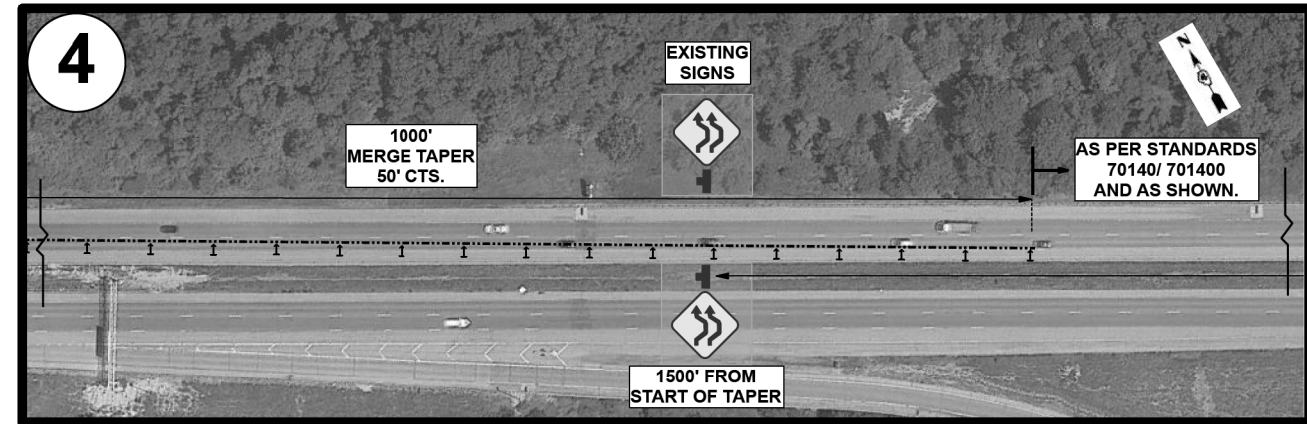
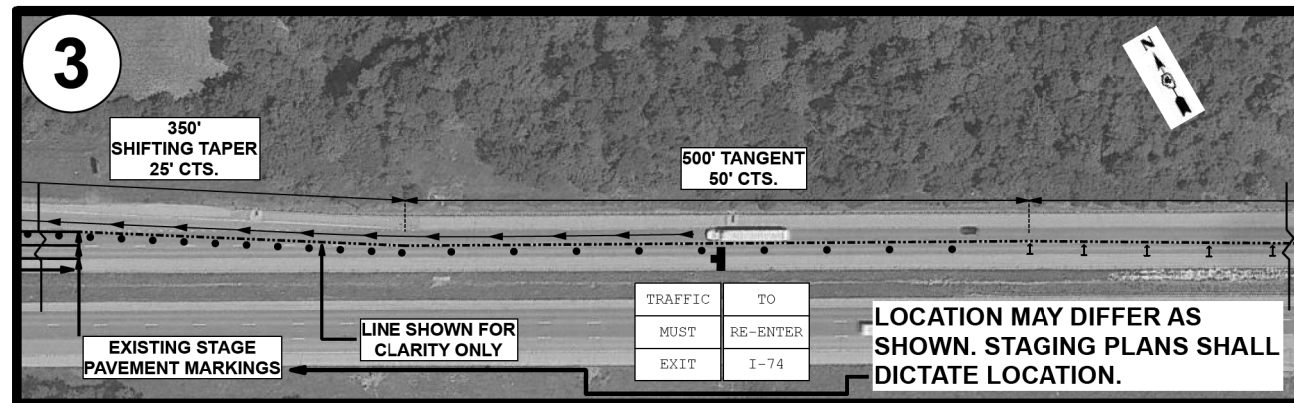
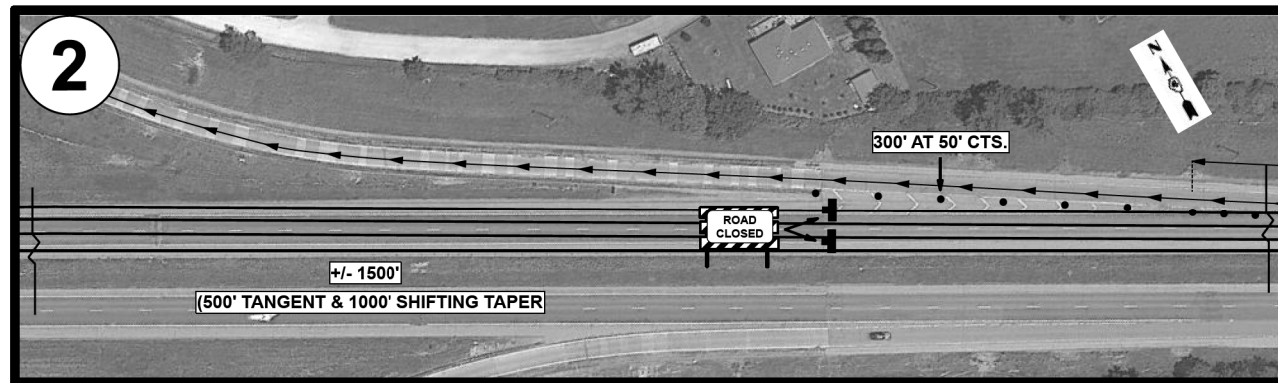
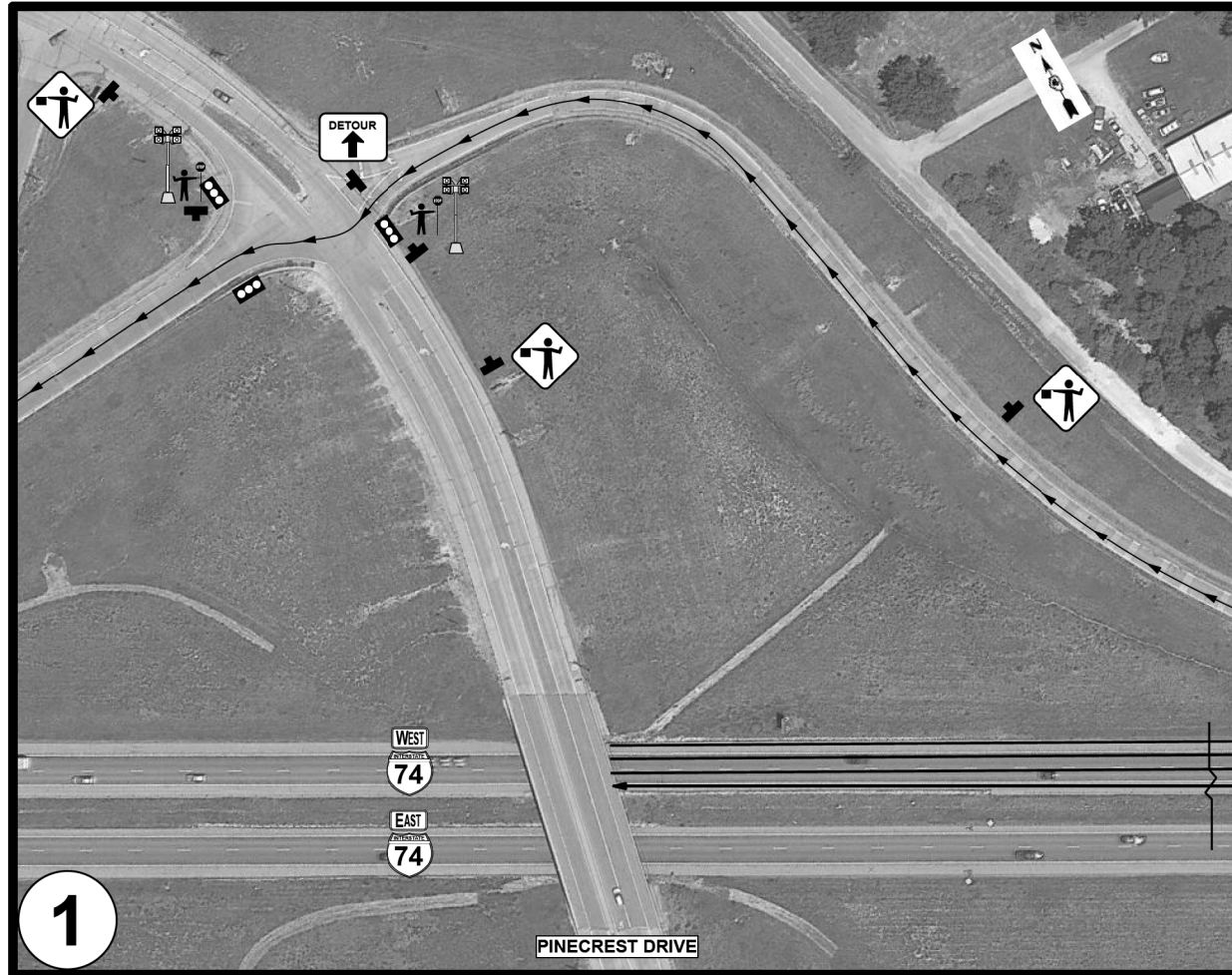
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
STAGE 2: PINECREST

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	76
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

MODEL: D:\68894\Pinecrest Stage 2
FILE NAME: S:\23730\6231600100_1174009_D4_Pinecrest Struct Replace_Phil\CADD\CADD Sheets\Subs\0468894-shs-staging-Pinecrest2.dgn

WESTBOUND I-74 TRAFFIC CONTROL AND CLOSURE DETAILS



NOT TO SCALE

MODEL Default
FILE Name: S:\ENR\W\W\G\3\STDR\AS\Squid3\Pinecrest\Short-Term I-74 Closure Details.dgn

USER NAME = diazaa	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in	DRAWN -	REVISED -
PLOT DATE = 3/24/2020	CHECKED -	REVISED -
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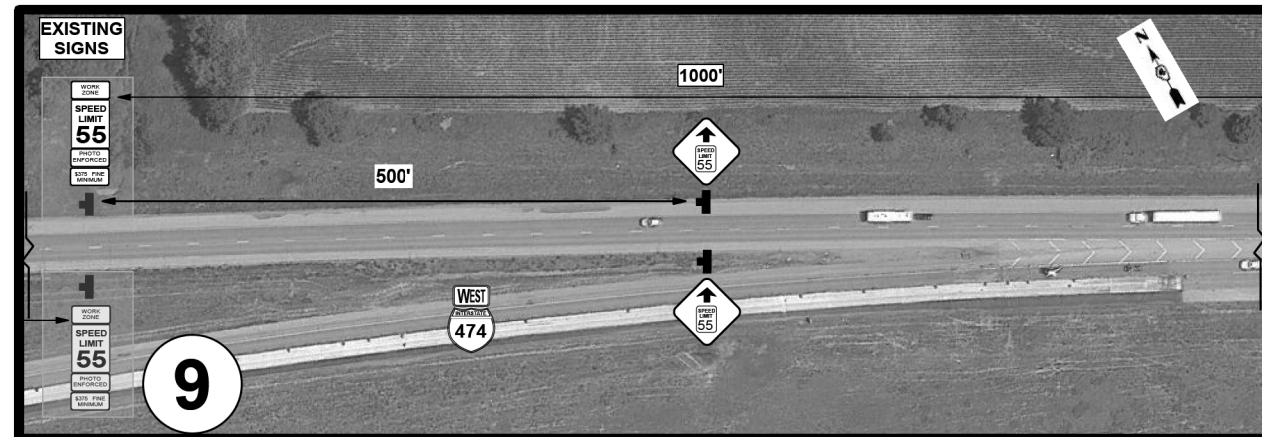
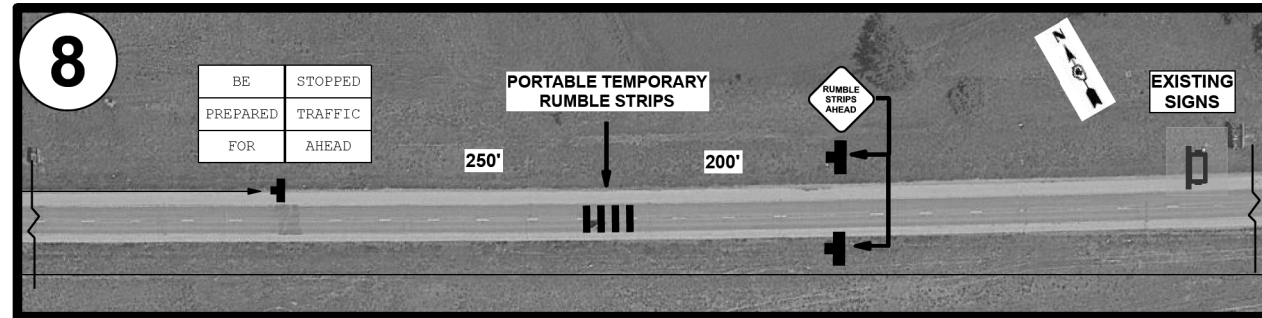
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT-TERM I-74 CLOSURE DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	77
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

WESTBOUND I-74 TRAFFIC CONTROL AND CLOSURE DETAILS



LEGEND:

- LIGHT PLANT
- FLAGGER
- SPEED DISPLAY TRAILER
- DIRECTIONAL INDICATOR

TRAFFIC CONTROL NOTES:

SIGNS SHOWN AS "EXISTING" ON THESE DETAIL SHEETS SHALL BE AS SHOWN WHEN TRAFFIC IS IN A LANE SHIFT CONFIGURATION. LANE SHIFT SIGNS SHALL CORRELATE TO ACTUAL DRIVING CONDITIONS- STAGE 1 IS SHOWN. PLAN DETAILS HAVE BEEN SCALED DURING DESIGN BUT ARE SHOWN AS NOT TO SCALE. ACTUAL FIELD CONDITIONS WILL DICTATE FINAL PLACEMENT OF TRAFFIC CONTROL DEVICES.

WESTBOUND I-74 TRAFFIC CONTROL IS SHOWN. EASTBOUND I-74 WILL BE SIMILAR FOR LAYOUT, "EXISTING" SIGNAGE, AND DEVICE PLACEMENT.

TRAFFIC CONTROL FOR I-74 CLOSURE NOTES:

IDOT STANDARDS 701400, 701401, AND 701428 SHALL BE UTILIZED WHEN REDUCING THE TRAFFIC LANE IN PREPARATION FOR DIVERTING TRAFFIC ONTO THE RAMP. PLAN SHEET DETAILS CONTAINED HEREIN SHALL BE USED FOR MANAGING TRAFFIC WHEN DIVERTED ON THE RAMP.

EXISTING WORK ZONE SIGNS THAT CONFLICT WITH THE CLOSURE TRAFFIC CONTROL SHALL BE COVERED.

I-74 TRAFFIC WILL TAKE PRECEDENCE OVER PINECREST TRAFFIC.

WORKING RESTRICTIONS-CLOSURE:

I-74 CLOSURES ARE ALLOWED FROM 10:00 P.M. TO 5:00 A.M. MONDAY THRU THURSDAY. NO FRIDAY, SATURDAY, OR SUNDAY CLOSURES ALLOWED.

LANE REDUCTIONS SHALL NOT BE INSTALLED PRIOR TO 8:00 P.M.

PRE-SETTING OF TRAFFIC CONTROL FOR LANE REDUCTION SHALL ONLY BE ALLOWED FROM 9:00 A.M. TO 3:00 P.M.

NOT TO SCALE

MODEL: Default; FILE: Model; USER: WJW; PROJECT: I-74 Closure; SHEET: I-74 Closure Details.dgn

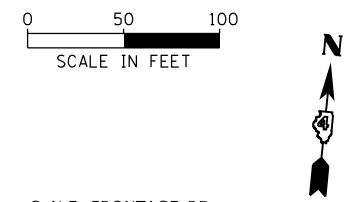
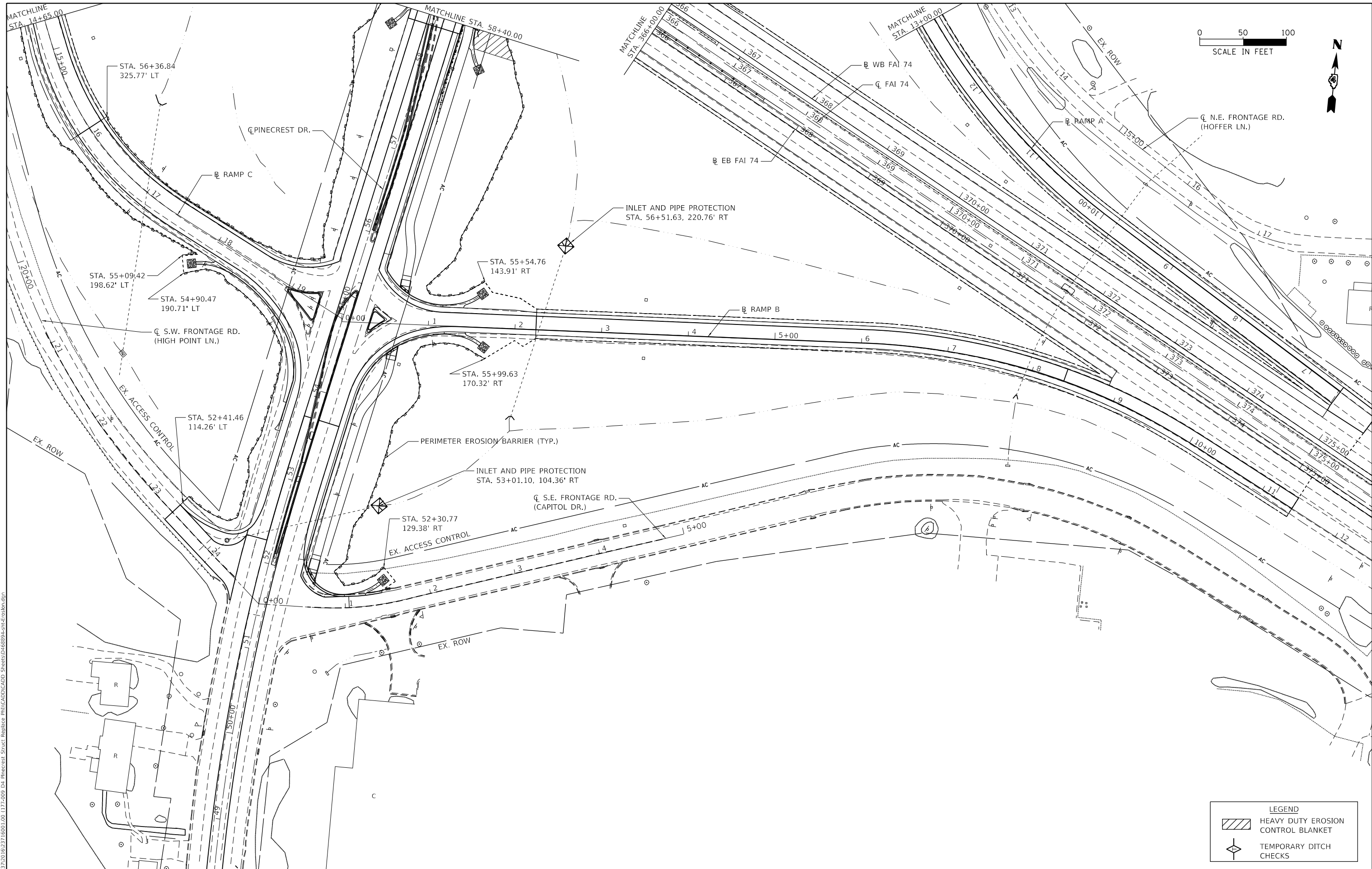
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PLOT SCALE = 2,000' / in	DRAWN -	REVISED -
PLOT DATE = 3/24/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT-TERM I-74 CLOSURE DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	78
			CONTRACT NO. 68894	
		ILLINOIS	FED. AID PROJECT	



LEGEND			
	HEAVY DUTY EROSION CONTROL BLANKET		
	TEMPORARY DITCH CHECKS		

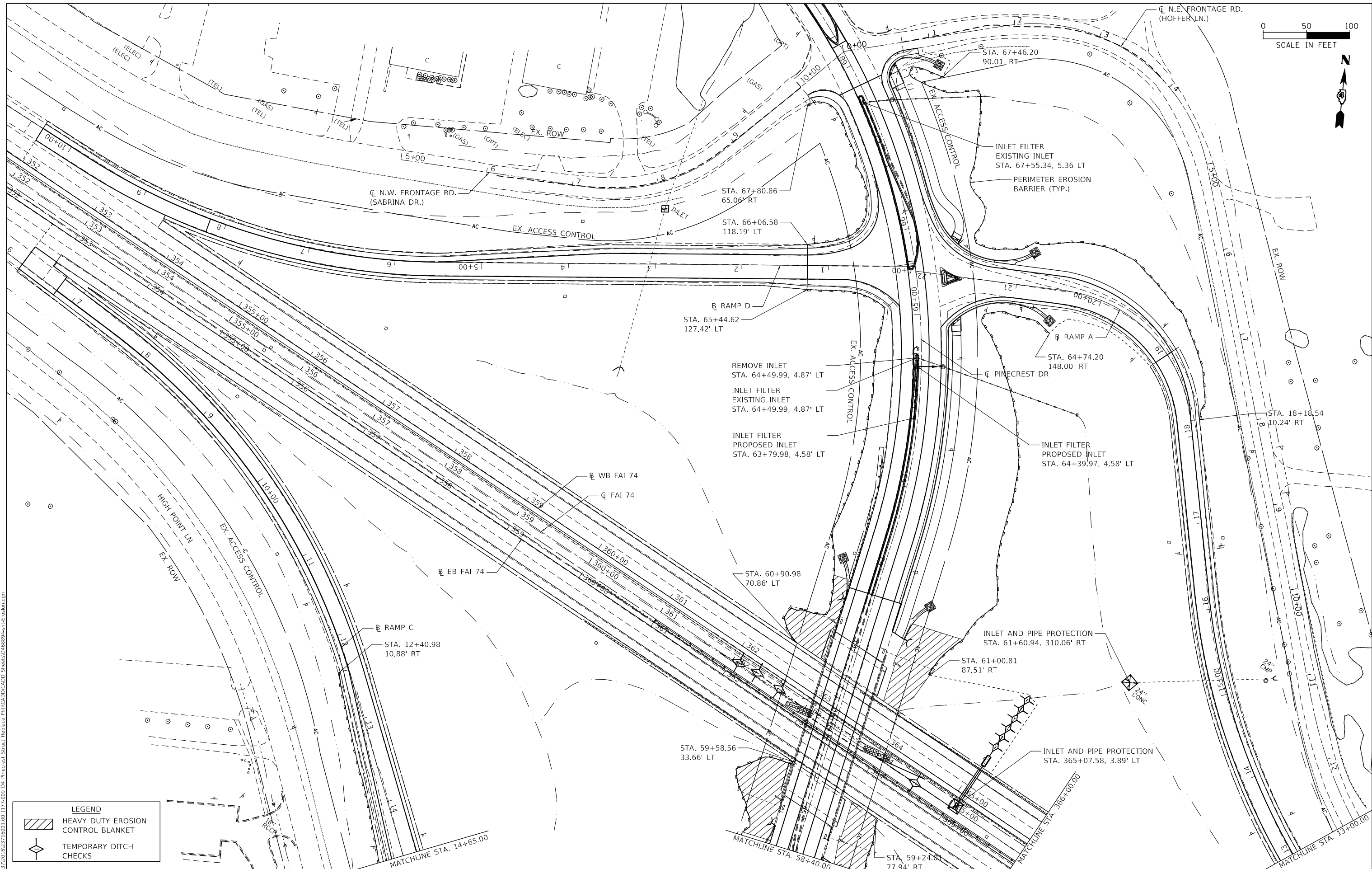
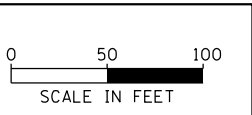
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	USER NAME = bmrwaghoft	DESIGNED -	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/18/2020	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT EROSION AND SEDIMENT CONTROL			
SCALE:	SHEET 1	OF 2 SHEETS	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	79
				CONTRACT NO. 68894
ILLINOIS FED. AID PROJECT				



LEGEND	
	HEAVY DUTY EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECKS

MODEL: D:\p1\1772009_04_Pinecrest_Struct_Replac.prc
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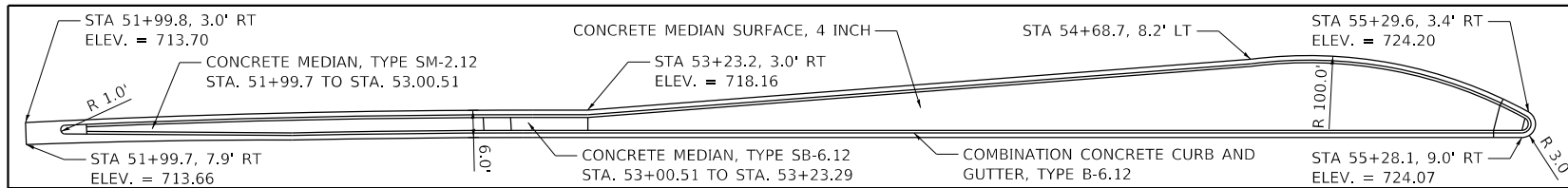
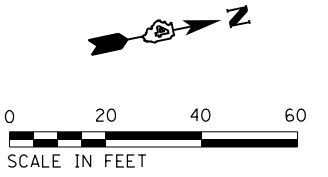
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PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

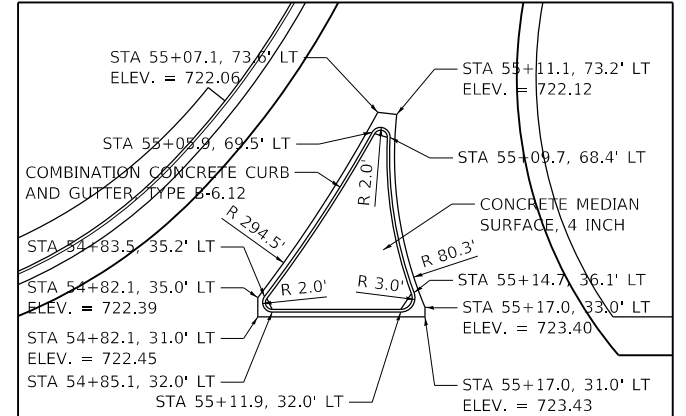
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
EROSION AND SEDIMENT CONTROL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	80
CONTRACT NO. 68894			ILLINOIS FED. AID PROJECT	

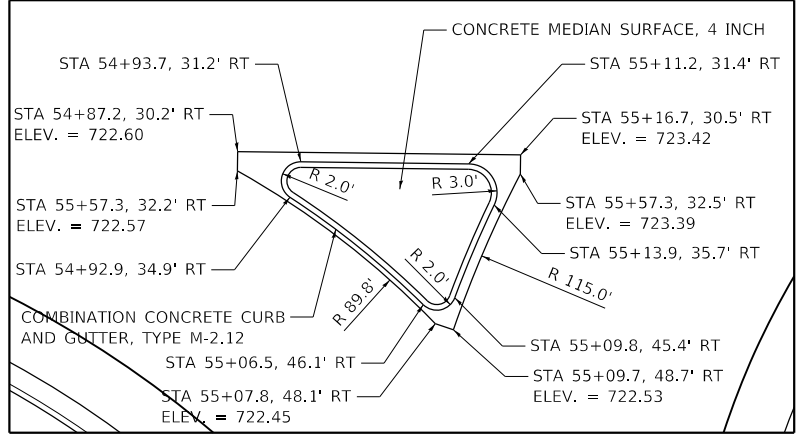
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.



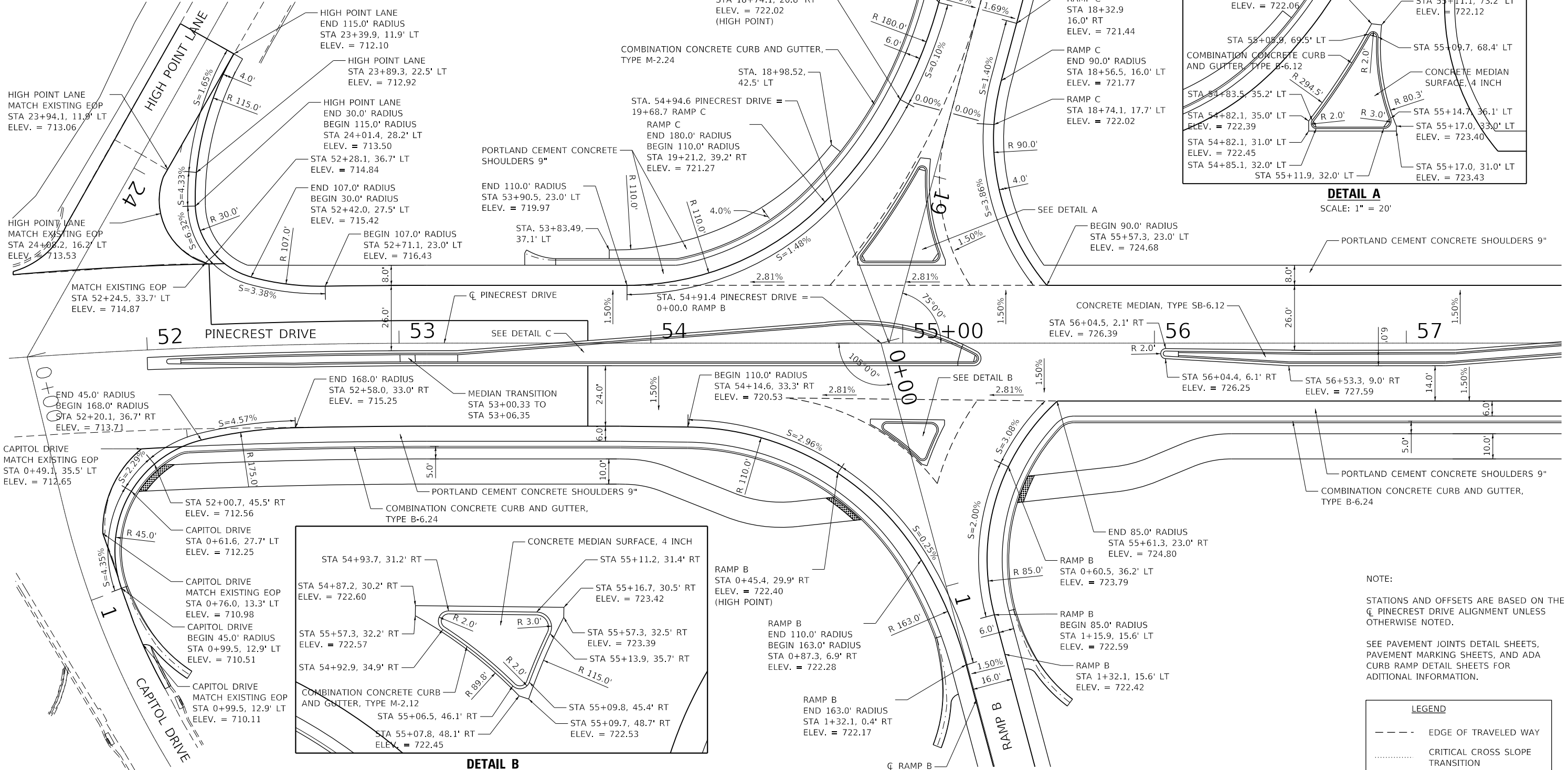
DETAIL C
SCALE: 1" = 20'



DETAIL A
SCALE: 1" = 20'



DETAIL B
SCALE: 1" = 10'



NOTE:
STATIONS AND OFFSETS ARE BASED ON THE \bar{C} PINECREST DRIVE ALIGNMENT UNLESS OTHERWISE NOTED.
SEE PAVEMENT JOINTS DETAIL SHEETS, PAVEMENT MARKING SHEETS, AND ADA CURB RAMP DETAIL SHEETS FOR ADDITIONAL INFORMATION.

LEGEND	
---	EDGE OF TRAVELED WAY
.....	CRITICAL CROSS SLOPE TRANSITION

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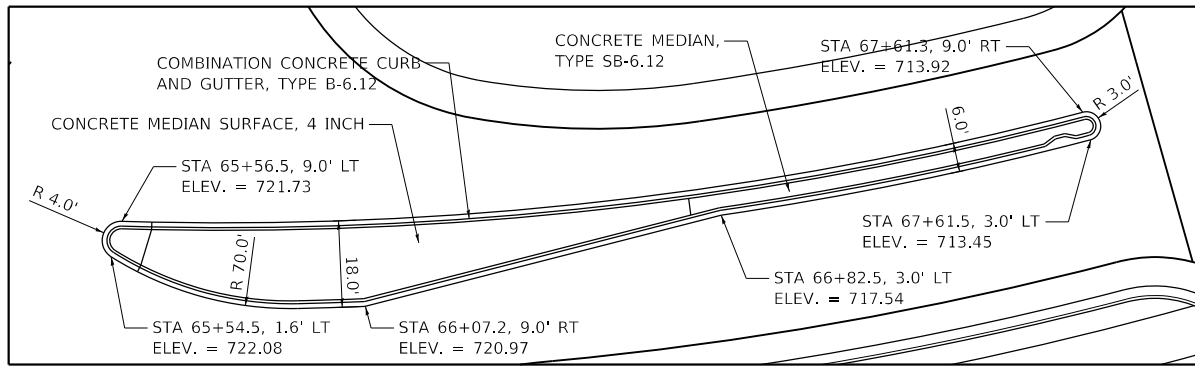


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PLOT DATE = 3/18/2020	CHECKED - BDS	REVISED -
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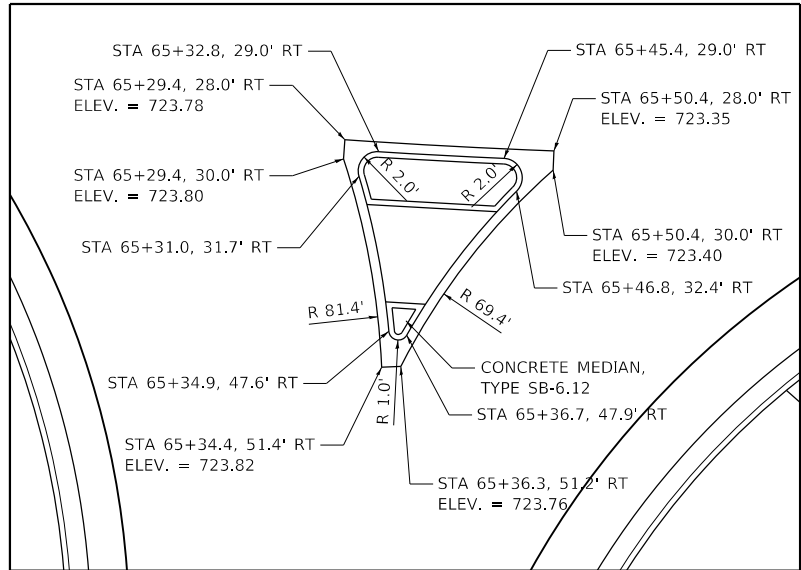
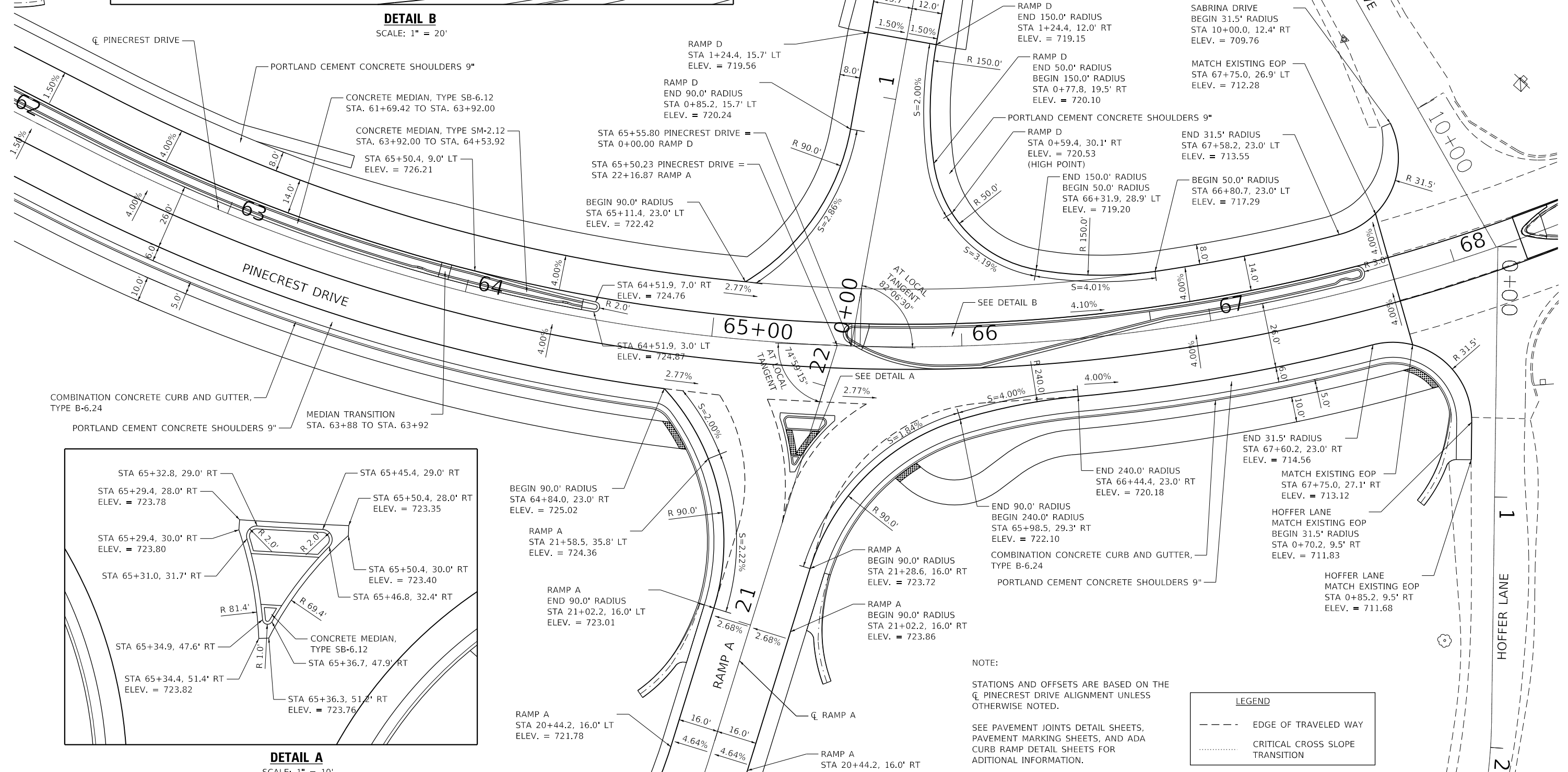
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT INTERSECTION DETAIL			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	81
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



DETAIL B
SCALE: 1" = 20'



DETAIL A
SCALE: 1" = 10'

NOTE:
STATIONS AND OFFSETS ARE BASED ON THE
CL PINECREST DRIVE ALIGNMENT UNLESS
OTHERWISE NOTED.

SEE PAVEMENT JOINTS DETAIL SHEETS,
PAVEMENT MARKING SHEETS, AND ADA
CURB RAMP DETAIL SHEETS FOR
ADDITIONAL INFORMATION.

LEGEND	
---	EDGE OF TRAVELED WAY
.....	CRITICAL CROSS SLOPE TRANSITION

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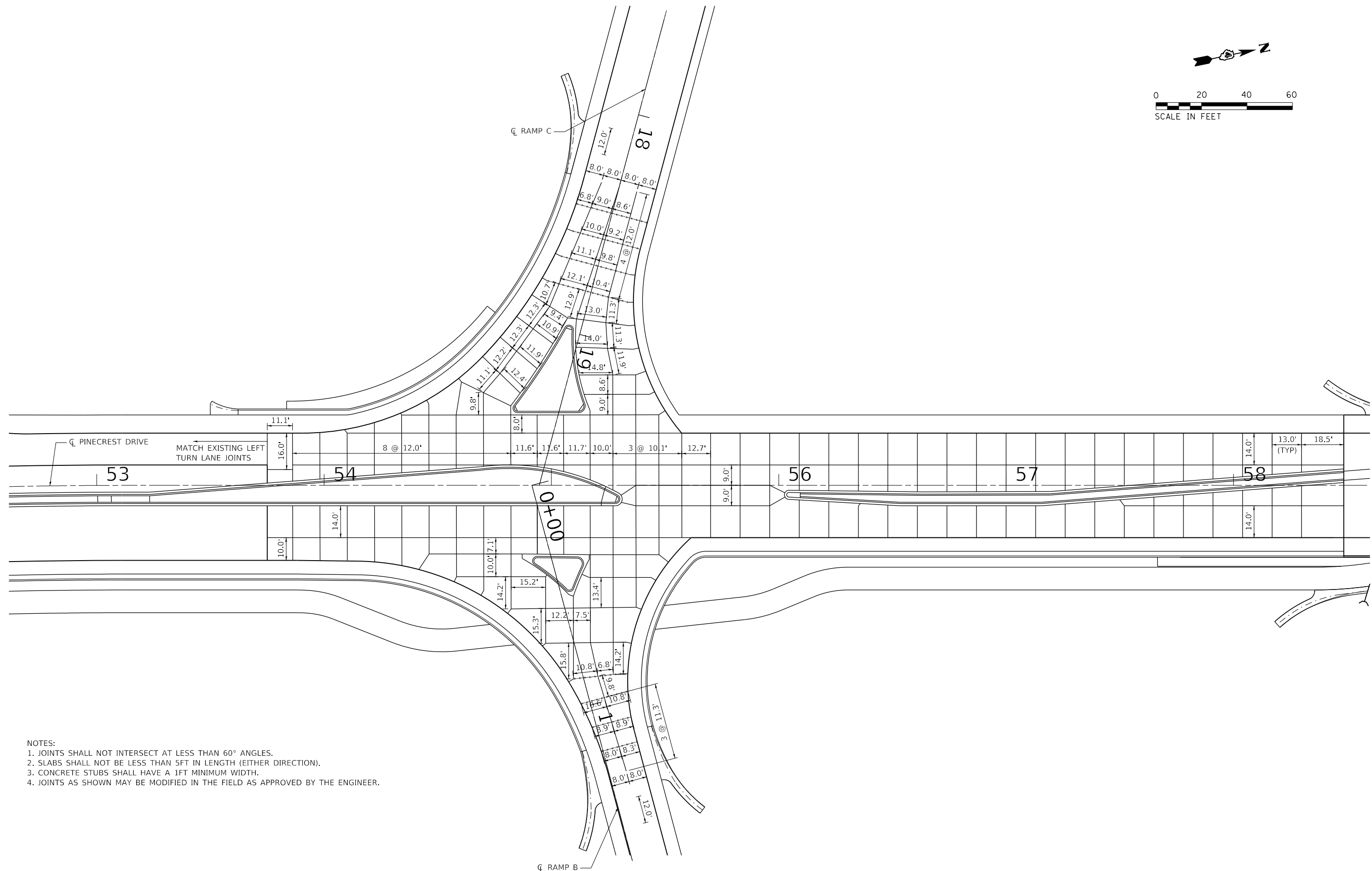
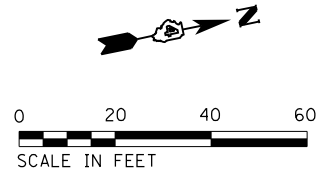


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT INTERSECTION DETAIL			
SCALE: 1" = 20'	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.I. RTE. 74	SECTION (90-14HB-1)BR1	COUNTY TAZEWELL	TOTAL SHEETS 212	SHEET NO. 82
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	



- NOTES:
1. JOINTS SHALL NOT INTERSECT AT LESS THAN 60° ANGLES.
 2. SLABS SHALL NOT BE LESS THAN 5FT IN LENGTH (EITHER DIRECTION).
 3. CONCRETE STUBS SHALL HAVE A 1FT MINIMUM WIDTH.
 4. JOINTS AS SHOWN MAY BE MODIFIED IN THE FIELD AS APPROVED BY THE ENGINEER.

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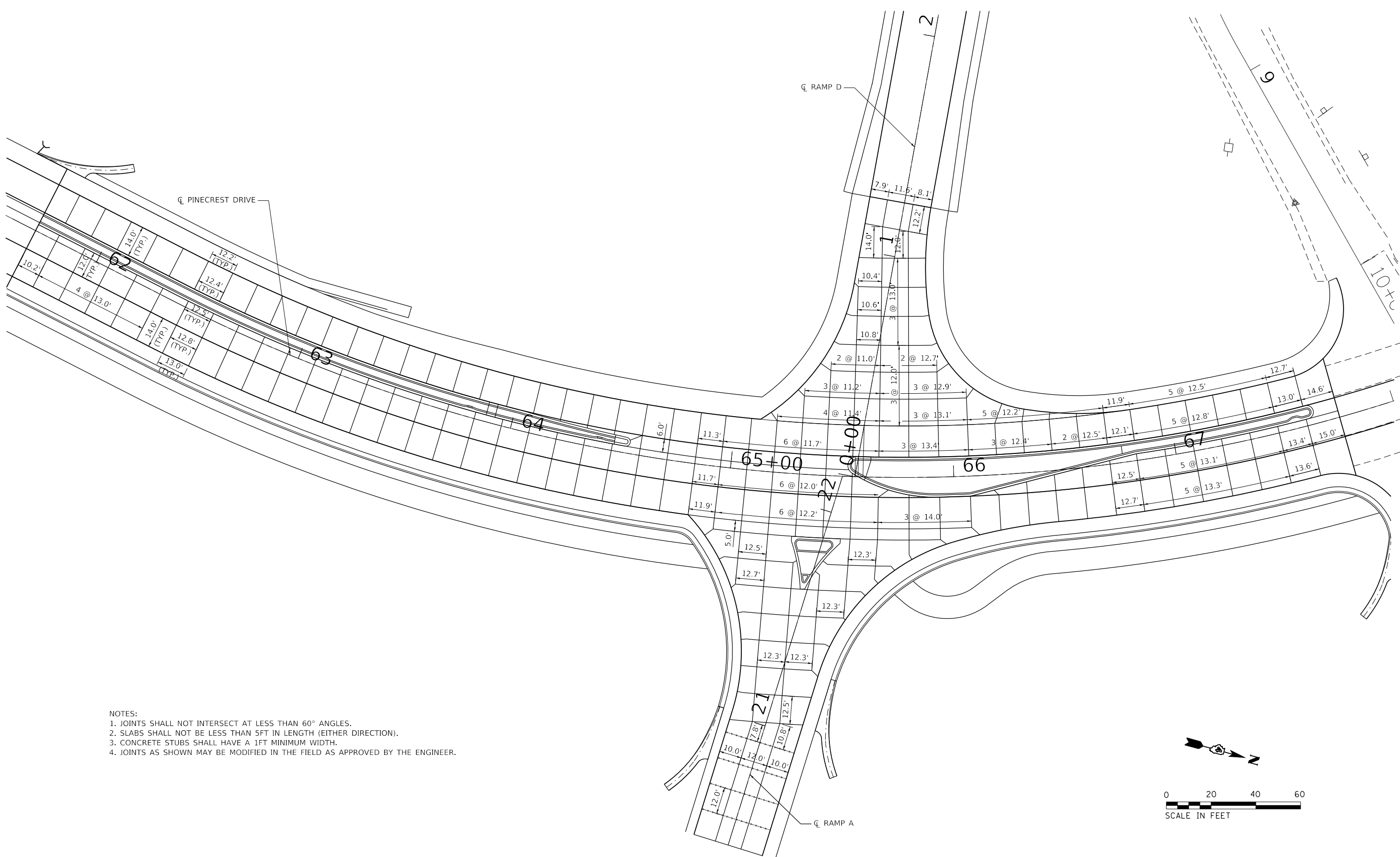
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PLOT DATE = 3/18/2020	DATE - 3/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

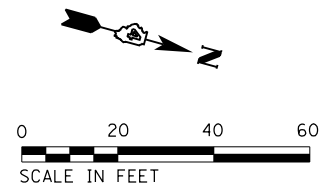
PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT PAVEMENT JOINTS DETAIL			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	83
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replac.pru\CADD\CADD_Sheets\Subs\177-2009_04_Pinecrest_Struct_Replac_Pavement_Jointing_Detail102.dgn
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- NOTES:
 1. JOINTS SHALL NOT INTERSECT AT LESS THAN 60° ANGLES.
 2. SLABS SHALL NOT BE LESS THAN 5FT IN LENGTH (EITHER DIRECTION).
 3. CONCRETE STUBS SHALL HAVE A 1FT MINIMUM WIDTH.
 4. JOINTS AS SHOWN MAY BE MODIFIED IN THE FIELD AS APPROVED BY THE ENGINEER.



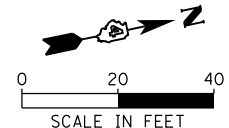
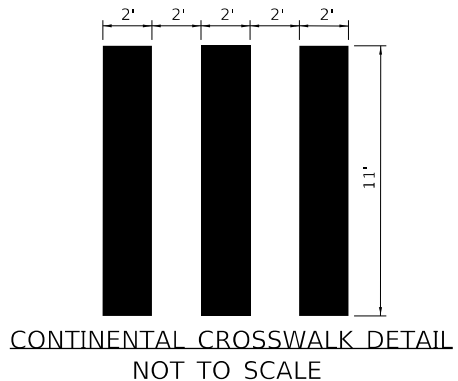
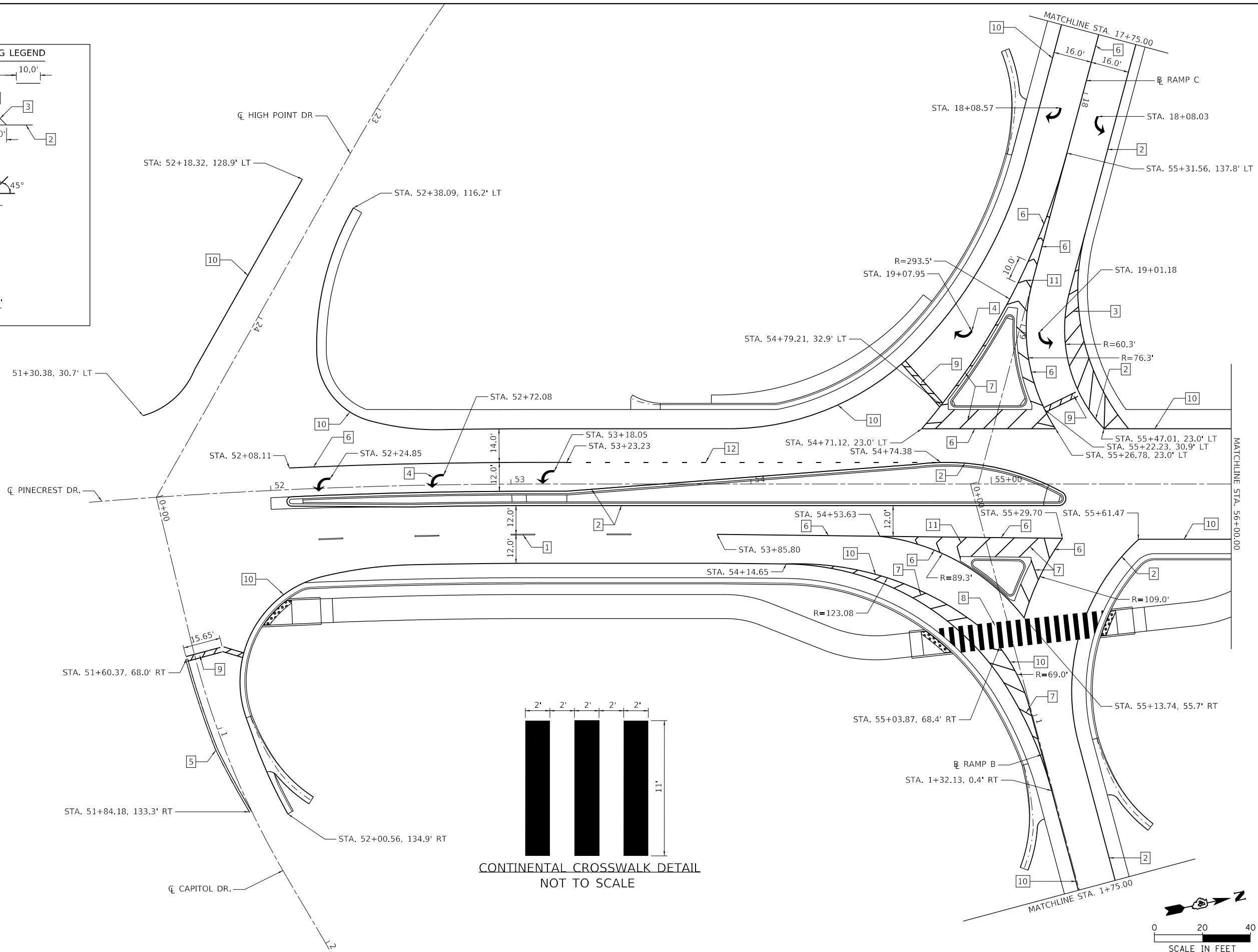
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PLOT DATE = 3/18/2020	DATE - 3/18/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
 PAVEMENT JOINTING DETAIL
 SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	84
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

MODIFIED URETHANE PAVEMENT MARKING LEGEND	
1	4" SKIP-DASH (WHITE)
2	4" SOLID (YELLOW)
3	12" DIAGONAL (YELLOW)
4	LETTERS AND SYMBOLS
5	4" DOUBLE SOLID (YELLOW)
6	8" SOLID (WHITE)
7	12" DIAGONAL (WHITE)
8	24" CROSSWALK @ 24" C.-C. (WHITE)
9	24" STOP BAR (WHITE)
10	4" SOLID (WHITE)
11	12" SOLID (WHITE)
12	8" DOTTED (WHITE)



MODEL: D:\p\177-009_04_Pinecrest_Struct_Replac_Plan\CADD\CADD_Sheets\177-009_04_Pinecrest_Struct_Replac_Plan\177-009_04_Pinecrest_Struct_Replac_Plan.dwg
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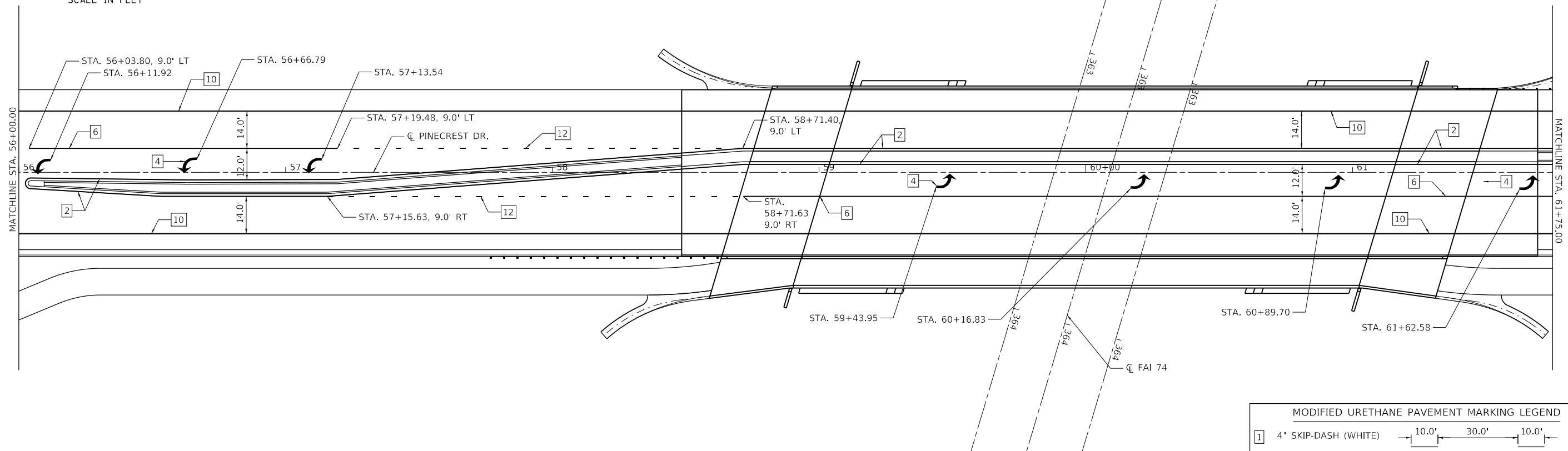
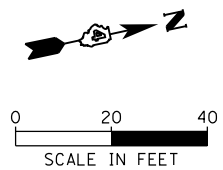
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	DRAWN -	REVISED -
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PLOT DATE = 3/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PAVEMENT MARKING PINECREST DR

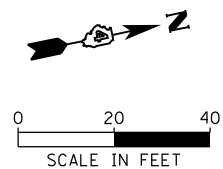
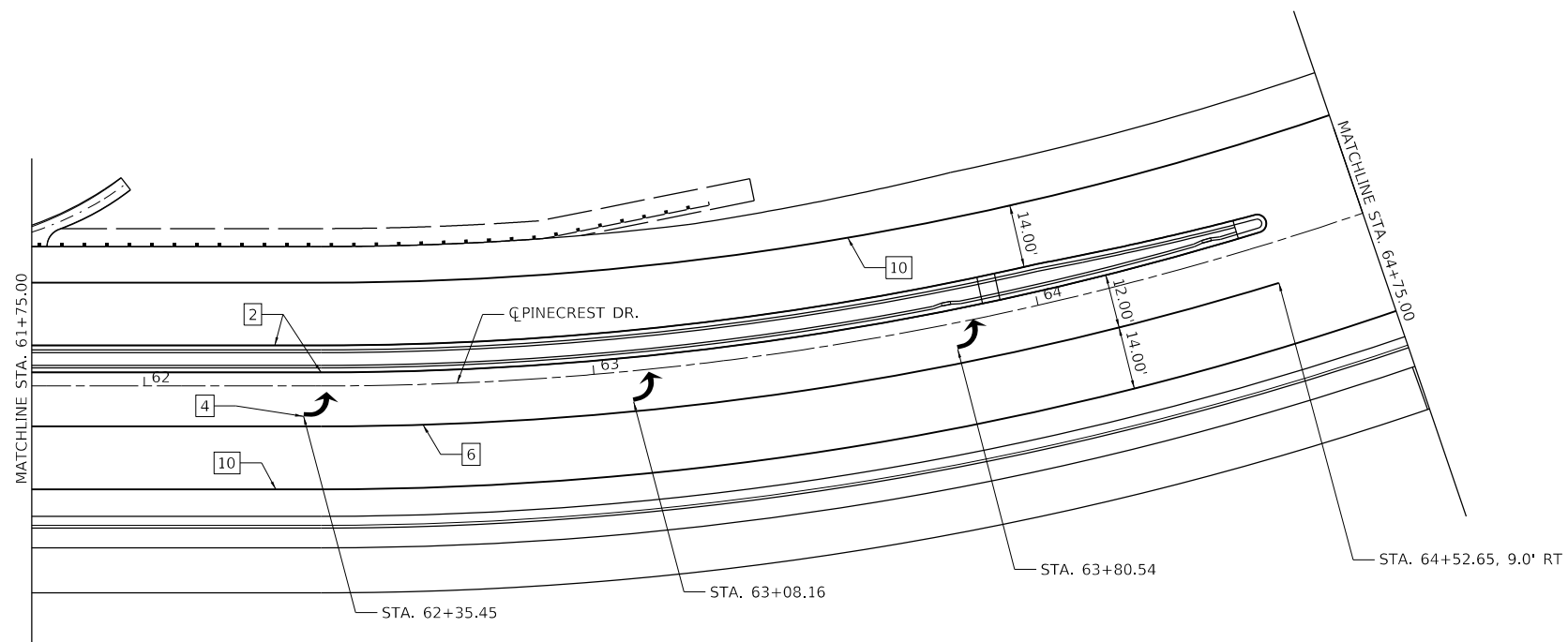
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	



MODIFIED URETHANE PAVEMENT MARKING LEGEND

1	4" SKIP-DASH (WHITE)	
2	4" SOLID (YELLOW)	
3	12" DIAGONAL (YELLOW)	
4	LETTERS AND SYMBOLS	
5	4" DOUBLE SOLID (YELLOW)	
6	8" SOLID (WHITE)	
7	12" DIAGONAL (WHITE)	
8	24" CROSSWALK @ 24" MIN C.-C. (WHITE)	
9	24" STOP BAR (WHITE)	
10	4" SOLID (WHITE)	
11	12" SOLID (WHITE)	
12	8" DOTTED (WHITE)	



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USER NAME = bmwagehoft	DESIGNED -	REVISED -
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PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

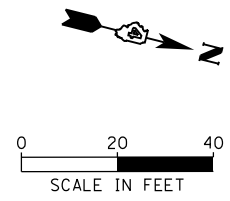
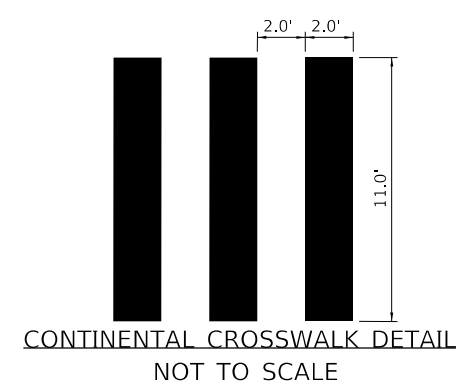
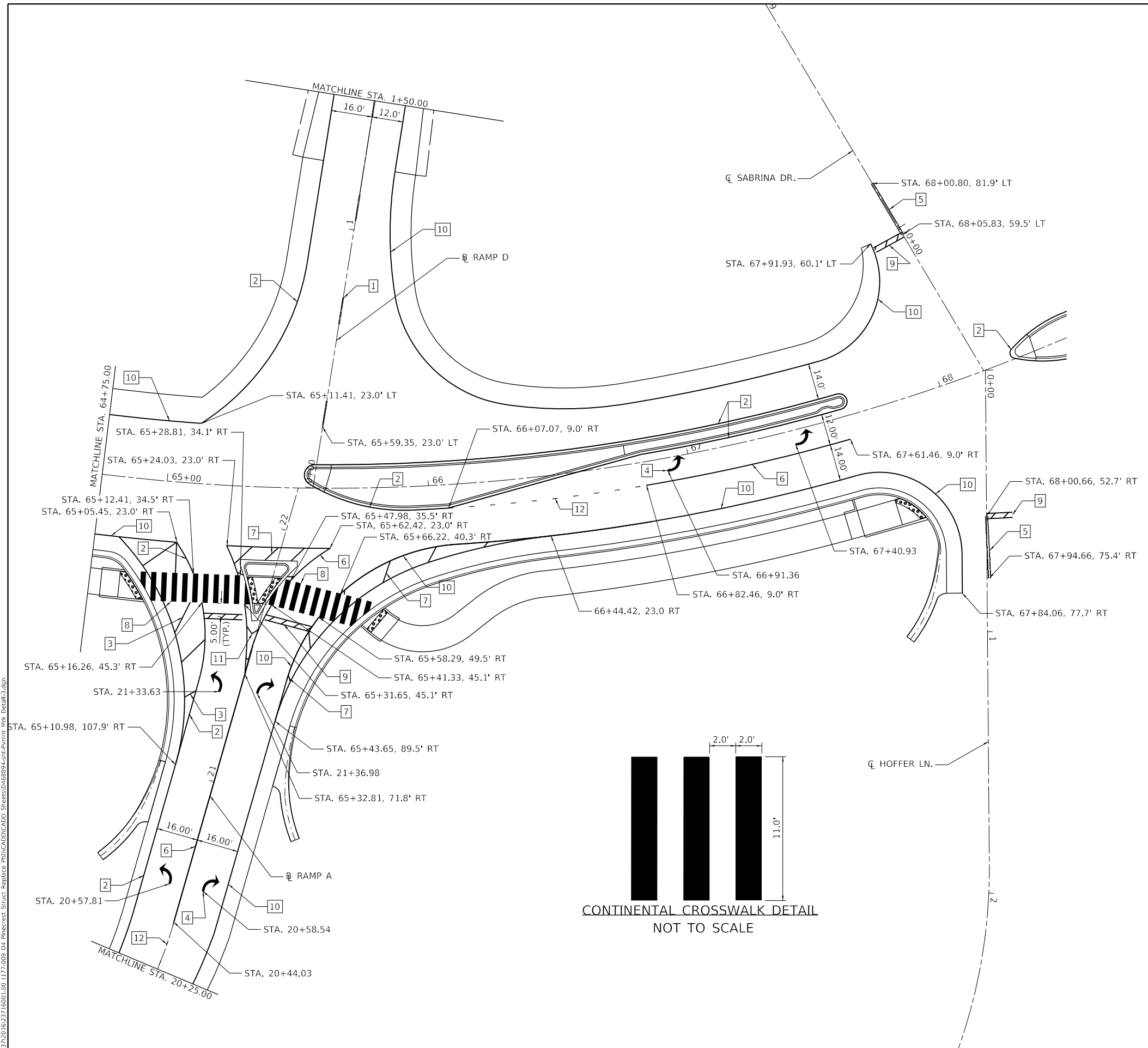
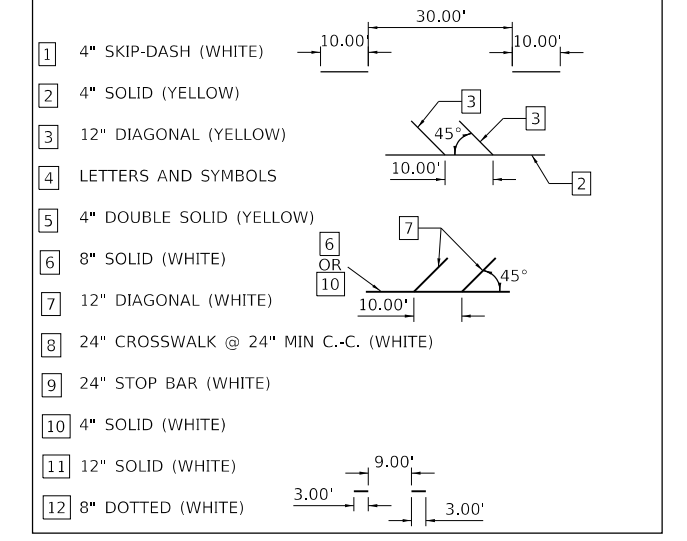
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PAVEMENT MARKING PINECREST DR**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	86
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68894	

MODIFIED URETHANE PAVEMENT MARKING LEGEND



MODEL: D:\p\1177-009_04_Pinecrest Struct. Replace PHU\CADD\CADD Sheets\10468894-Phu-Pavmnt Mkt. Detail3.dgn
 FILE NAME: 3/23/2016 2:37:16 PM 1177-009_04_Pinecrest Struct. Replace PHU\CADD\CADD Sheets\10468894-Phu-Pavmnt Mkt. Detail3.dgn



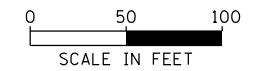
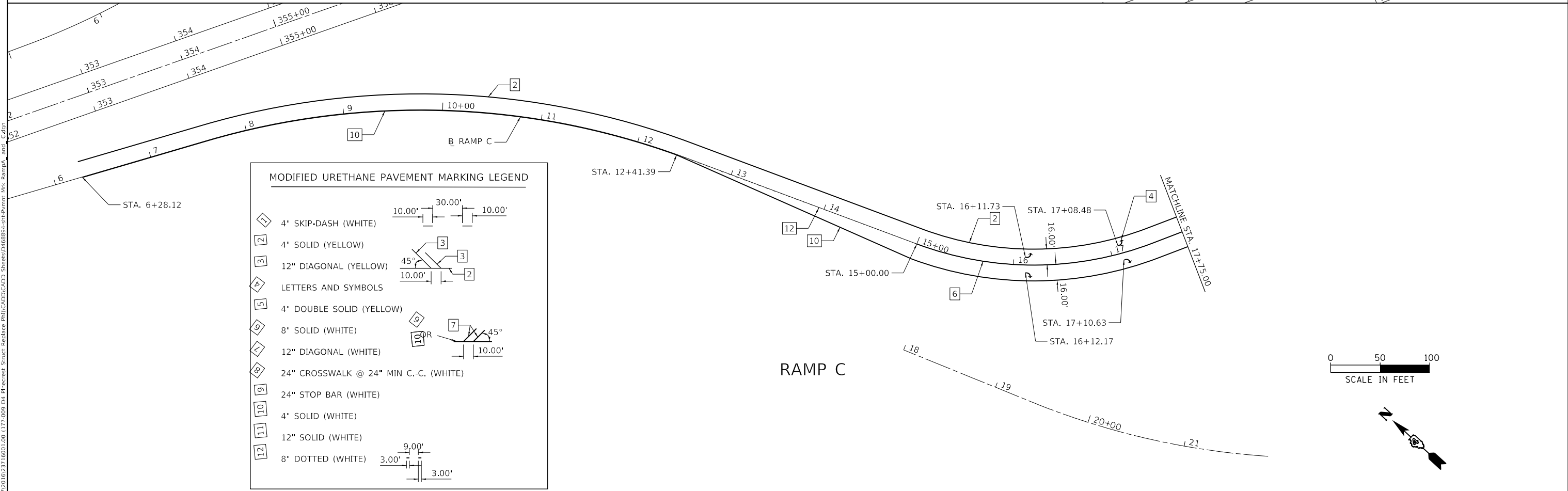
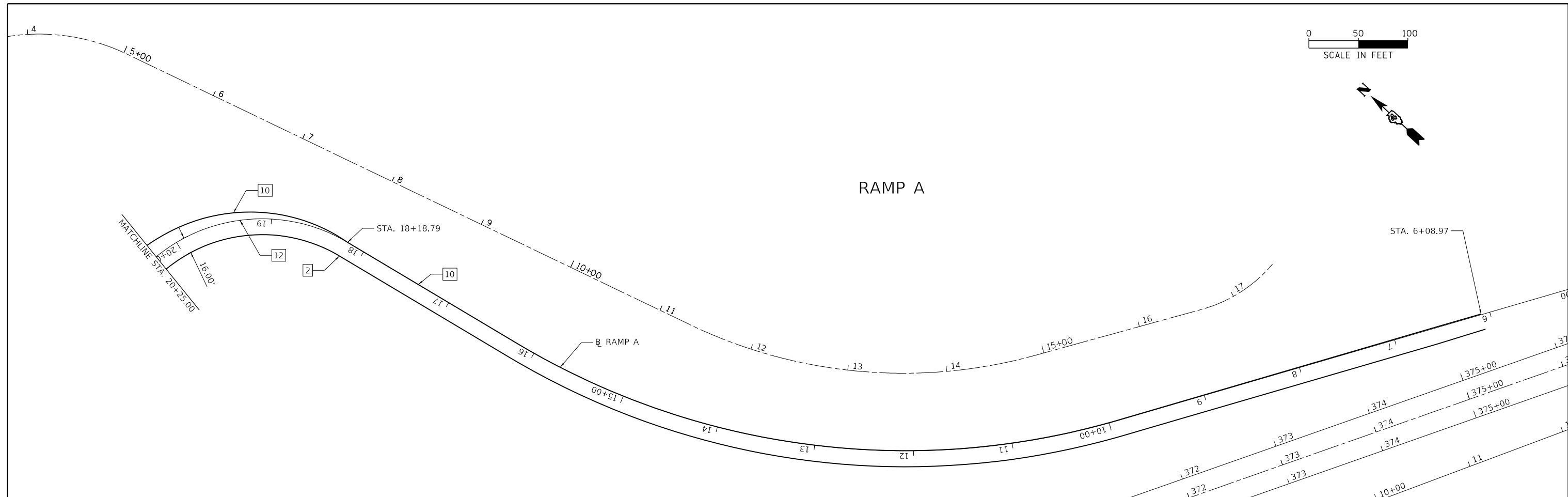
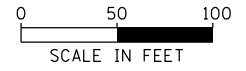
USER NAME = bmwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PAVEMENT MARKING PINECREST DR

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	87
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



MODIFIED URETHANE PAVEMENT MARKING LEGEND

1	4" SKIP-DASH (WHITE)	
2	4" SOLID (YELLOW)	
3	12" DIAGONAL (YELLOW)	
4	LETTERS AND SYMBOLS	
5	4" DOUBLE SOLID (YELLOW)	
9	8" SOLID (WHITE)	
4	12" DIAGONAL (WHITE)	
8	24" CROSSWALK @ 24" MIN C.-C. (WHITE)	
9	24" STOP BAR (WHITE)	
10	4" SOLID (WHITE)	
11	12" SOLID (WHITE)	
12	8" DOTTED (WHITE)	

MODEL: D:\p1\177-2009_04_Pinecrest_Struct_Replac.Plot.DWG
 FILE NAME: S:\2020\177-2009_04_Pinecrest_Struct_Replac_Plan\177-2009_04_Pinecrest_Struct_Replac_Plan_Pavement_Markings_RampA_and_C.dwg
 PLOT DATE: 3/18/2020

MAURER-STUTZ
ENGINEERS SURVEYORS

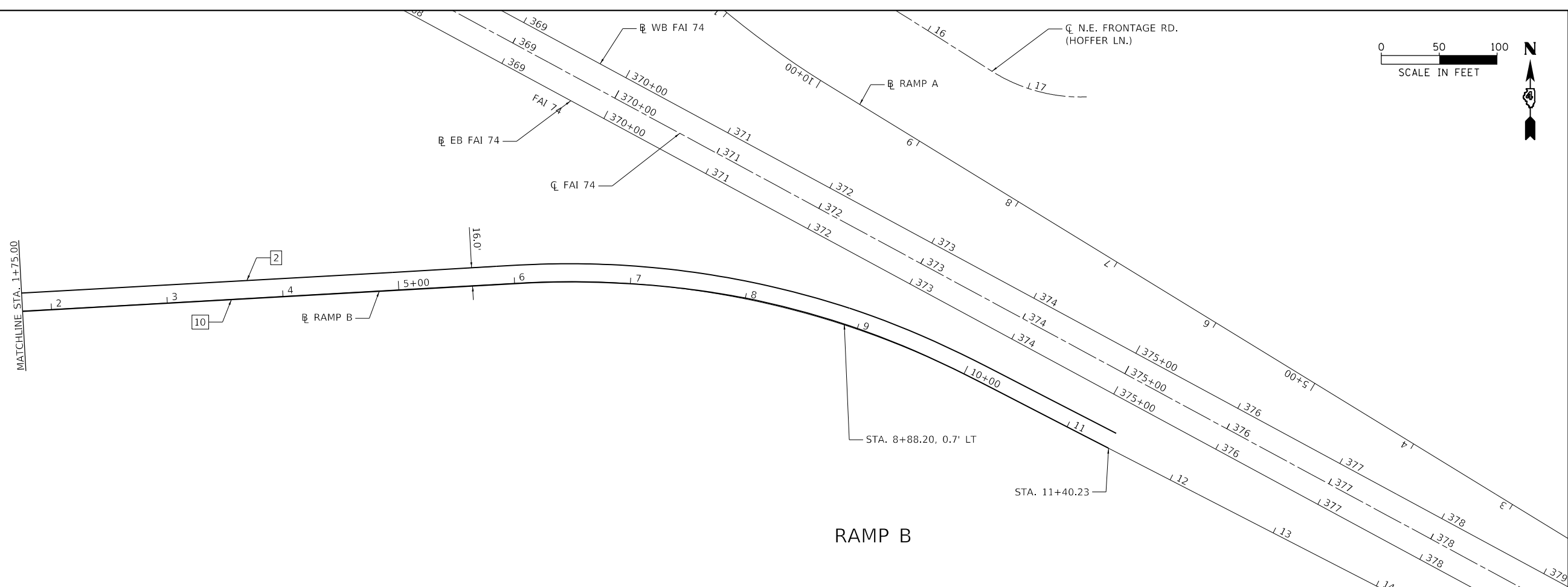
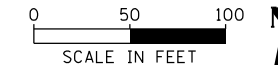
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PAVEMENT MARKING RAMPS A AND C**

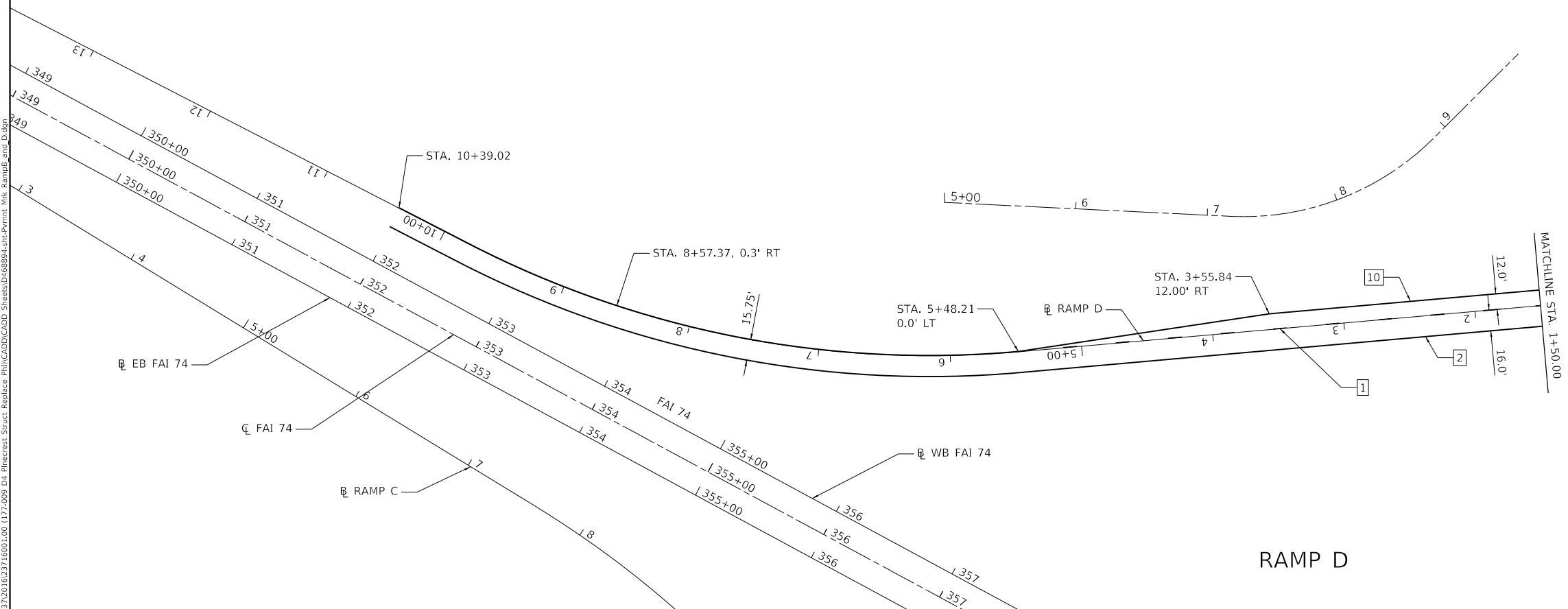
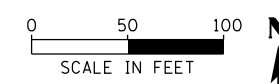
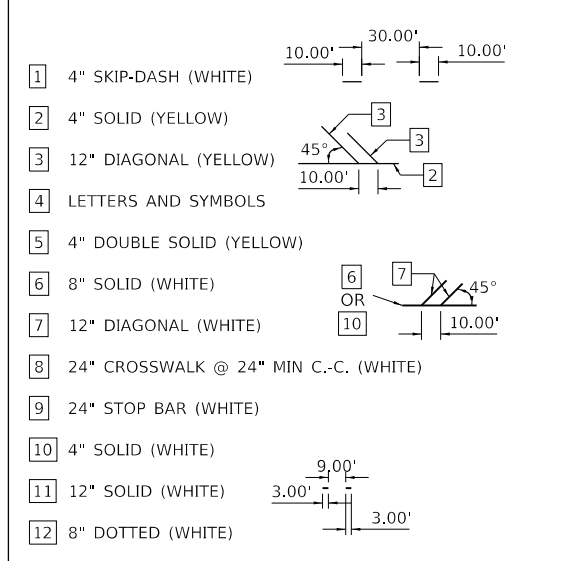
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	88
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



RAMP B

MODIFIED URETHANE PAVEMENT MARKING LEGEND



RAMP D

MODEL: D:\p\177-009_D4_Pinecrest_Struct_Replac\PHU\CADD\CADD Sheets\177-009-D4-Pavmnt-Mrk-RampB-and-D.dgn FILE NAME: S:\27\177-009-D4-Pinecrest_Struct_Replac\PHU\CADD\CADD Sheets\177-009-D4-Pavmnt-Mrk-RampB-and-D.dgn



USER NAME = bmwagehoft	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PINECREST DRIVE OVER I74 STRUCTURE REPLACEMENT
PAVEMENT MARKING RAMPS B AND D**

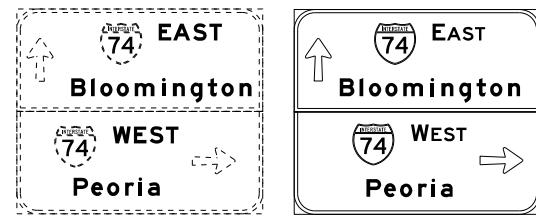
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-1)BR1	TAZEWELL	212	89
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



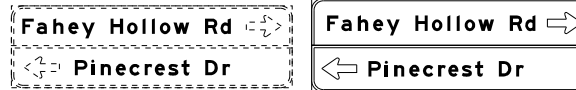
***Location PC-09 GMT**
 Pinecrest Dr. Exist. Sta. 67+55; 44' Lt.
 Pinecrest Dr. Prop. Sta. 67+55; 44' Lt.

Remove existing "I-74 West/Peoria & I-74 East/Bloomington" sign panel.
 Install new "I-74 West/Peoria & I-74 East/Bloomington" sign panel. Sign T1-H.



***Location PC-08 GMT**
 Ramp "A" Exist. Sta. 20+82; 34' Rt.
 Ramp "A" Prop. Sta. 21+00; 46' Rt.

Remove existing "Fahey Hollow Rd/Pinecrest Dr" sign panel, posts and concrete foundations. Install new "Fahey Hollow Rd/Pinecrest Dr" sign panel, posts and concrete foundations. Sign T1-G.



***Location PC-07 GMT**
 Pinecrest Dr. Exist. Sta. 63+50; 43' Rt.
 Pinecrest Dr. Prop. Sta. 63+50; 56' Rt.

Remove existing "I-74 West/Peoria" sign panel, posts and concrete foundations. Install new "I-74 West/Peoria" sign panel, posts and concrete foundations. Sign T1-F.



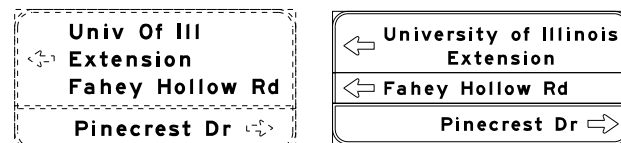
***Location PC-01 GMT**
 Ramp "C" Exist. Sta. 8+00; 26.7' Lt.
 Ramp "C" Prop. Sta. 8+00; 26.7' Lt.

Existing "Exit 98" Gore sign shall remain in place during construction.
 The "Exit 98" Gore sign panel shall be replaced prior to the completion of the project. Sign T1-A.



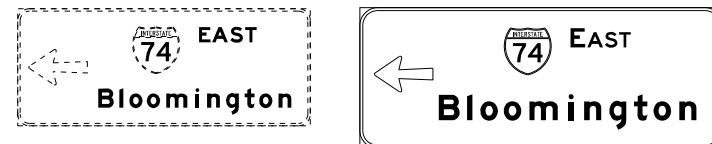
***Location PC-02 GMT**
 Ramp "C" Exist. Sta. 18+00; 32' Rt.
 Ramp "C" Prop. Sta. 18+10; 41' Rt.

Remove existing "U of I Extension/Pinecrest Dr" sign panel, posts and concrete foundations. Install new "U of I Extension/Pinecrest Dr" sign panel, posts and concrete foundations. Sign T1-B.



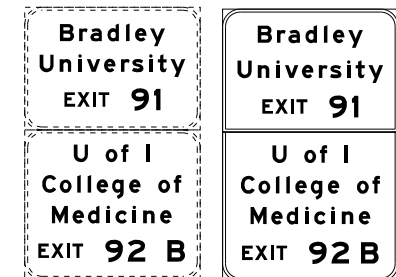
***Location PC-03 GMT**
 Pinecrest Dr. Exist. Sta. 57+02; 43' Lt.
 Pinecrest Dr. Prop. Sta. 57+00; 42' Lt.

Remove existing "I-74 East/Bloomington" sign panel, posts and concrete foundations. Install new "I-74 East/Bloomington" sign panel, posts and concrete foundations. Sign T1-C.



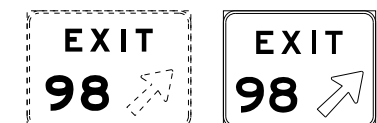
***Location PC-06 GMT**
 I-74 WB Exist. Sta. 365+03.00; 68.30' Lt.
 I-74 WB Prop. Sta. 365+40.00; 68.30' Lt.

Remove existing "Bradley University/U of I" sign panel, posts and concrete foundations. Install new "Bradley University/U of I" sign panel, posts and concrete foundations. Sign T1-E.



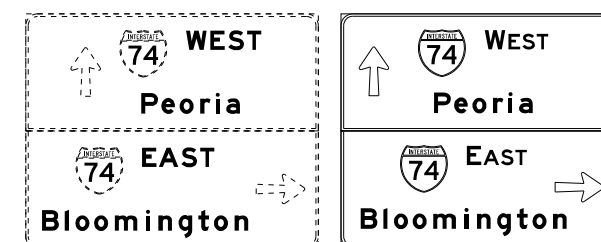
***Location PC-05 GMT**
 Ramp "A" Exist. Sta. 8+24; 26' Lt.
 Ramp "A" Prop. Sta. 8+24; 26' Lt.

Existing "Exit 98" Gore sign shall remain in place during construction.
 The "Exit 98" Gore sign panel shall be replaced prior to the completion of the project. Sign T1-A.



***Location PC-04 GMT**
 Pinecrest Dr. Exist. Sta. 53+00; 54' Rt.
 Pinecrest Dr. Prop. Sta. 52+90; 67' Rt.

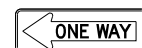
Remove existing "I-74 West Peoria/I-74 East Bloomington" sign panel, posts and concrete foundations. Install new "I-74 West Peoria/I-74 East Bloomington" sign panel, posts and concrete foundations. Sign T1-D.



SIGN LEGEND



EXISTING SIGN



PROPOSED SIGN

NOTES:

CONTRACTOR SHALL FIELD VERIFY NEW SIGN POSTS LENGTHS PRIOR TO SIGN INSTALLATION.

SIGN PLACEMENT SHALL BE APPROVED BY THE RESIDENT AND OPERATIONS.

REFLECTIVE SIGN PANEL SHALL BE USED ON SIGN SUPPORTS FOR "DO NOT ENTER" AND "WRONG WAY" SIGNS.

WHEN THE AREA OF ANY SIGN, OR COMBINATION OF SIGNS IS EQUAL TO OR GREATER THAN TWENTY (20) SQUARE FEET, TWO (2) POSTS ARE REQUIRED FOR INSTALLATION.

FILE NAME =	USER NAME = fagenrnd	DESIGNED -	REVISED -
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\Traffic\DRAWN Pinecrest Dr Signs\Pinecrest Drive		REVISIONS -	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

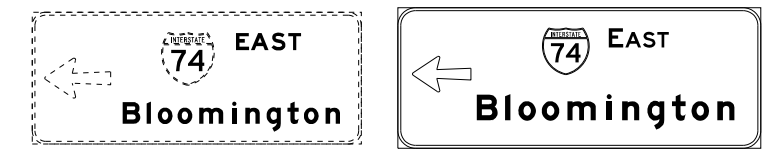
SIGN LOCATION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

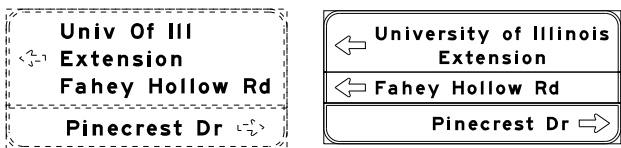
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11B1)	TAZEWELL	212	90
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



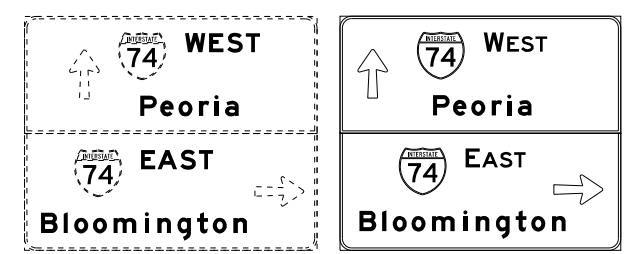
***Location PC-03 GMT**
 Pinecrest Dr. Exist. Sta. 57+02; 43' Lt.
 Pinecrest Dr. Prop. Sta. 57+00; 42' Lt.
 Remove existing "I-74 East/Bloomington" sign panel, posts and concrete foundations. Install new "I-74 East/Bloomington" sign panel, posts and concrete foundations. Sign T1-C.



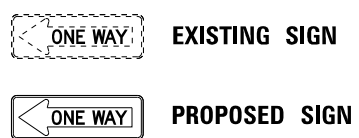
***Location PC-02 GMT**
 Ramp "C" Exist. Sta. 18+00; 32' Rt.
 Ramp "C" Prop. Sta. 18+10; 41' Rt.
 Remove existing "U of I Extension/Pinecrest Dr" sign panel, posts and concrete foundations. Install new "U of I Extension/Pinecrest Dr" sign panel, posts and concrete foundations. Sign T1-B.



***Location PC-04 GMT**
 Pinecrest Dr. Exist. Sta. 53+00; 54' Rt.
 Pinecrest Dr. Prop. Sta. 52+90; 67' Rt.
 Remove existing "I-74 West Peoria/I-74 East Bloomington" sign panel, posts and concrete foundations. Install new "I-74 West Peoria/I-74 East Bloomington" sign panel, posts and concrete foundations. Sign T1-D.



SIGN LEGEND



NOTES:

- CONTRACTOR SHALL FIELD VERIFY NEW SIGN POSTS LENGTHS PRIOR TO SIGN INSTALLATION.
- SIGN PLACEMENT SHALL BE APPROVED BY THE RESIDENT AND OPERATIONS.
- REFLECTIVE SIGN PANEL SHALL BE USED ON SIGN SUPPORTS FOR "DO NOT ENTER" AND "WRONG WAY" SIGNS.
- WHEN THE AREA OF ANY SIGN, OR COMBINATION OF SIGNS IS EQUAL TO OR GREATER THAN TWENTY (20) SQUARE FEET, TWO (2) POSTS ARE REQUIRED FOR INSTALLATION.

FILE NAME =	USER NAME = fagenrnd	DESIGNED -	REVISED -
pw:\plnroom\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\Traffic\DRAWN Pinecrest Dr Signs\Pinecrest Drive Revised			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	
Default	DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

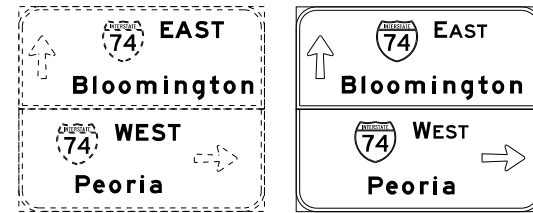
SIGN LOCATION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

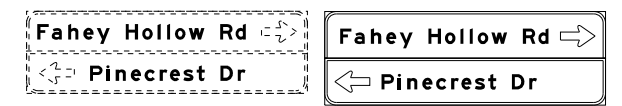
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11BRI)	TAZEWELL	212	91
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



***Location PC-09 GMT**
 Pinecrest Dr. Exist. Sta. 67+55; 44' Lt.
 Pinecrest Dr. Prop. Sta. 67+55; 44' Lt.
 Remove existing "I-74 West/Peoria & I-74 East/Bloomington" sign panel.
 Install new "I-74 West/Peoria & I-74 East/Bloomington" sign panel. Sign T1-H.



***Location PC-08 GMT**
 Ramp "A" Exist. Sta. 20+82; 34' Rt.
 Ramp "A" Prop. Sta. 21+00; 46' Rt.
 Remove existing "Fahey Hollow Rd/Pinecrest Dr" sign panel, posts and concrete foundations.
 Install new "Fahey Hollow Rd/Pinecrest Dr" sign panel, posts and concrete foundations. Sign T1-G.



***Location PC-07 GMT**
 Pinecrest Dr. Exist. Sta. 63+50; 43' Rt.
 Pinecrest Dr. Prop. Sta. 63+50; 56' Rt.
 Remove existing "I-74 West/Peoria" sign panel, posts and concrete foundations.
 Install new "I-74 West/Peoria" sign panel, posts and concrete foundations. Sign T1-F.



RAMP "D"

RAMP "A"

SABRINA DR.

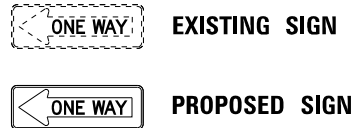
FAHEY HOLLOW RD.

HOFFER LN.

PINECREST DR.

HOFFER LN.

SIGN LEGEND



- NOTES:**
- CONTRACTOR SHALL FIELD VERIFY NEW SIGN POSTS LENGTHS PRIOR TO SIGN INSTALLATION.
 - SIGN PLACEMENT SHALL BE APPROVED BY THE RESIDENT AND OPERATIONS.
 - REFLECTIVE SIGN PANEL SHALL BE USED ON SIGN SUPPORTS FOR "DO NOT ENTER" AND "WRONG WAY" SIGNS.
 - WHEN THE AREA OF ANY SIGN, OR COMBINATION OF SIGNS IS EQUAL TO OR GREATER THAN TWENTY (20) SQUARE FEET, TWO (2) POSTS ARE REQUIRED FOR INSTALLATION.

*Location HS-24

*Location HS-25

*Location HS-26

*Location HS-27

*Location HS-28

M3-4 (BL)

M1-1

M6-1 (BL)

*Location HS-29

STOP R1-1

ONE WAY R6-1

*Location HS-22

STOP R1-1

*Location HS-20

DO NOT ENTER R5-1

*Location HS-21

R3-1

*Location HS-19

WRONG WAY R5-1a

WRONG WAY R5-1a

*Location HS-18

R14-1 TRUCK ROUTE M5-1

W3-1 *Location HS-17

WRONG WAY R5-1a

*Location HS-16

FILE NAME =	USER NAME = fagentnd	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\Traffic\DRAWN Pinecrest Dr Signs\Pinecrest Drive		REVISION	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



SIGN LOCATION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11B1)	TAZEWELL	212	92
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



SIGN LEGEND

-  EXISTING SIGN
-  PROPOSED SIGN

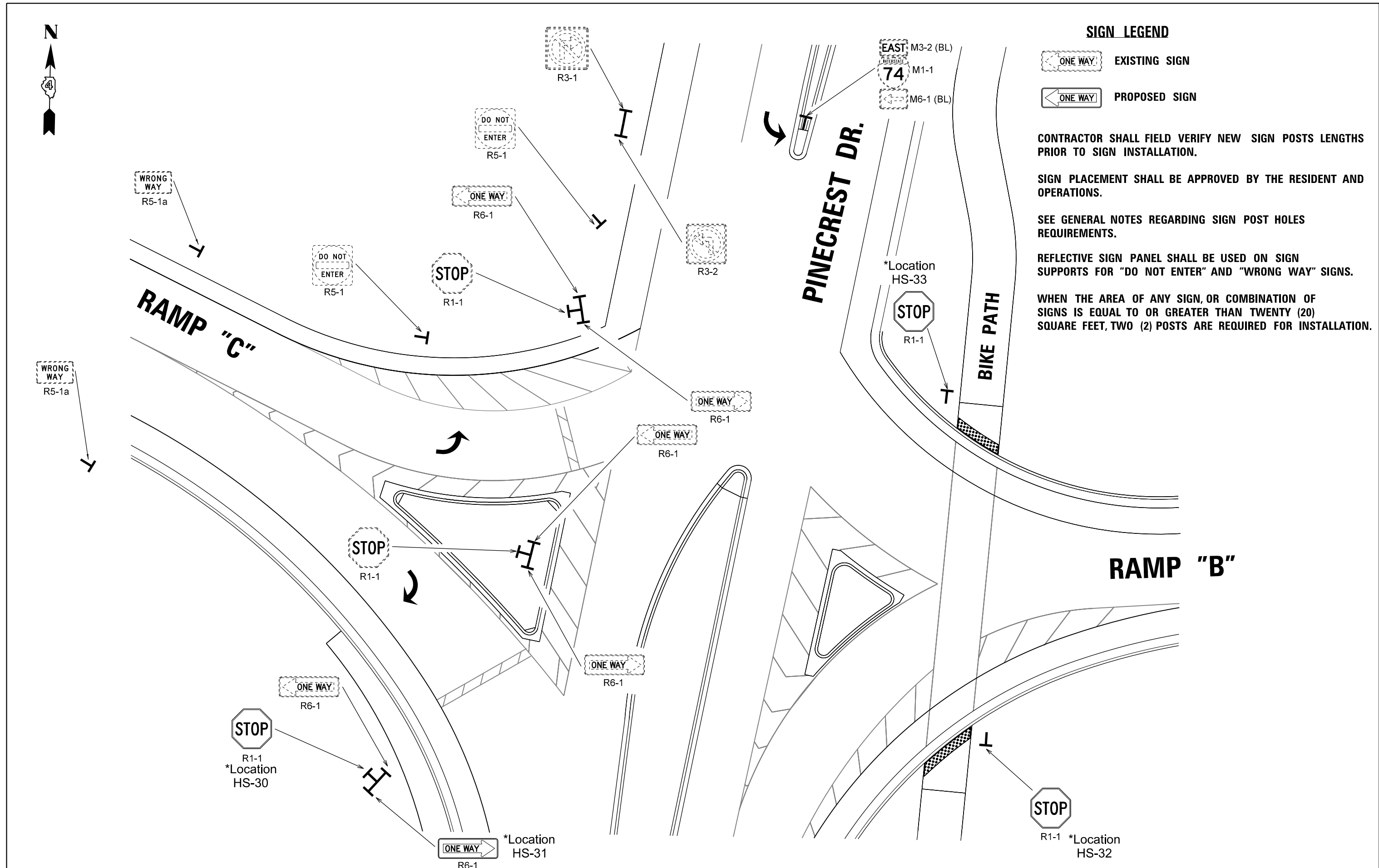
CONTRACTOR SHALL FIELD VERIFY NEW SIGN POSTS LENGTHS PRIOR TO SIGN INSTALLATION.

SIGN PLACEMENT SHALL BE APPROVED BY THE RESIDENT AND OPERATIONS.

SEE GENERAL NOTES REGARDING SIGN POST HOLES REQUIREMENTS.

REFLECTIVE SIGN PANEL SHALL BE USED ON SIGN SUPPORTS FOR "DO NOT ENTER" AND "WRONG WAY" SIGNS.

WHEN THE AREA OF ANY SIGN, OR COMBINATION OF SIGNS IS EQUAL TO OR GREATER THAN TWENTY (20) SQUARE FEET, TWO (2) POSTS ARE REQUIRED FOR INSTALLATION.



FILE NAME =	USER NAME = fagend	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\Traffic\DRAWN Pinecrest Dr. Signs\Pinecrest Drive		CHECKED -	REVISED -
Default	PLOT DATE = 3/24/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN LOCATION PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11B1)	TAZEWELL	212	93
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				



RAMP "D"

RAMP "A"

PINECREST DR.

BIKE PATH

BIKE PATH

SIGN LEGEND

EXISTING SIGN

PROPOSED SIGN

CONTRACTOR SHALL FIELD VERIFY NEW SIGN POSTS LENGTHS PRIOR TO SIGN INSTALLATION.

SIGN PLACEMENT SHALL BE APPROVED BY THE RESIDENT AND OPERATIONS.

SEE GENERAL NOTES REGARDING SIGN POST HOLES REQUIREMENTS.

REFLECTIVE SIGN PANEL SHALL BE USED ON SIGN SUPPORTS FOR "DO NOT ENTER" AND "WRONG WAY" SIGNS.

WHEN THE AREA OF ANY SIGN, OR COMBINATION OF SIGNS IS EQUAL TO OR GREATER THAN TWENTY (20) SQUARE FEET, TWO (2) POSTS ARE REQUIRED FOR INSTALLATION.

M3-4 (BL)
 M1-1
 M6-1 (BL)

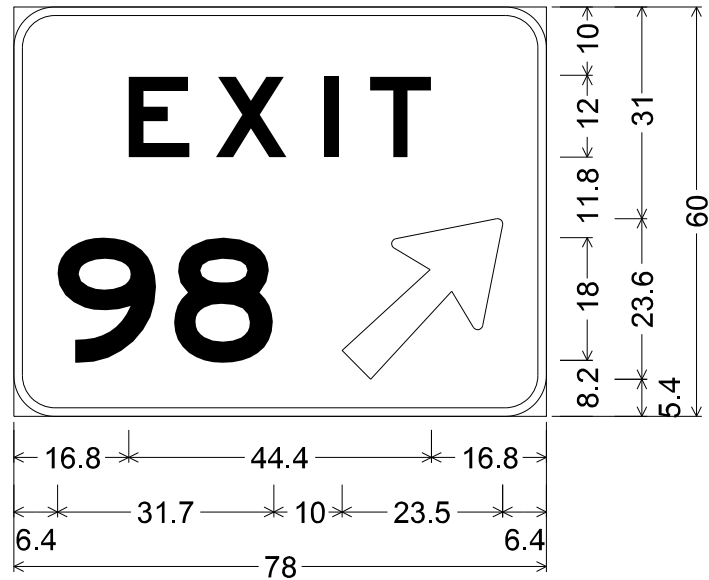
FILE NAME =	USER NAME = fagentnd	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN LOCATION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11BRI)	TAZEWELL	212	94
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

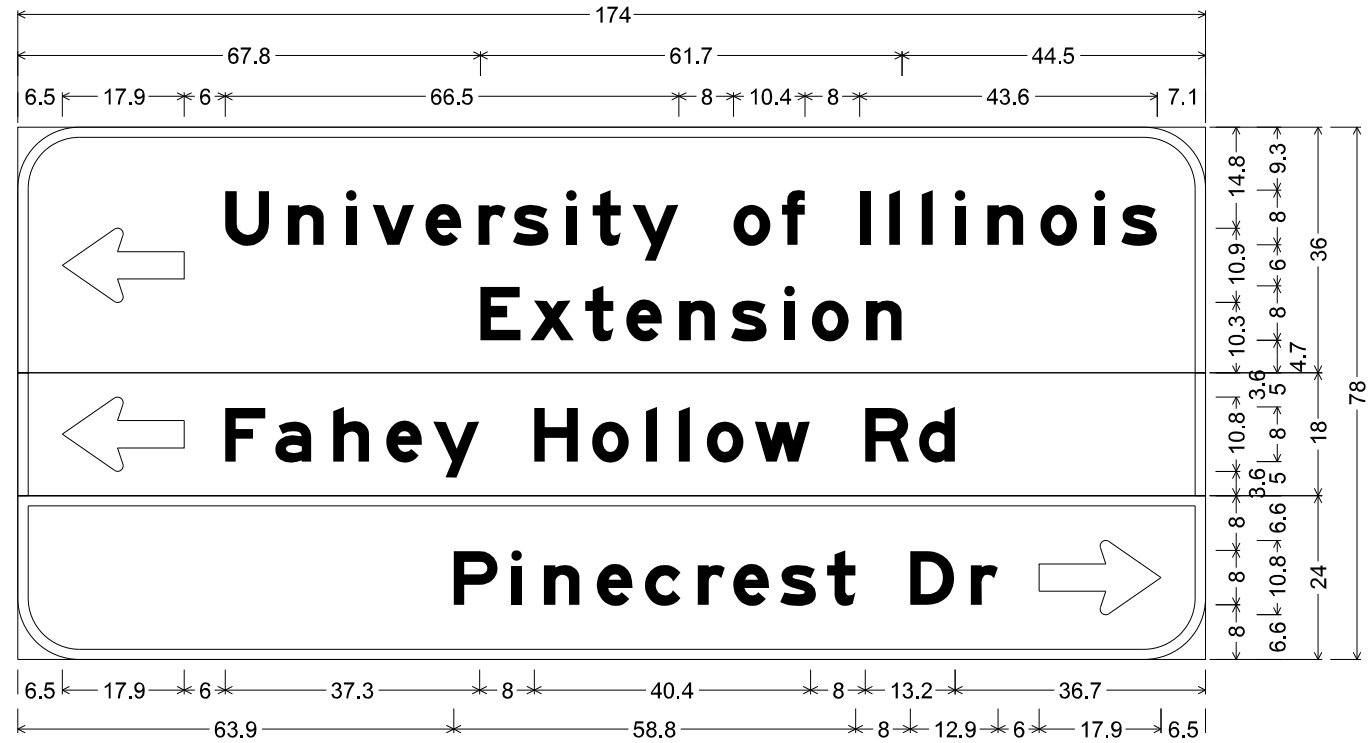


6.0" Radius, 1.3" Border, White on Green;
 [EXIT] E 2K 225% spacing;
 [98] E 2K; Arrow 133 - 30.0" 45°;
 Table of letter and object lefts.

E	X	I	T
16.8	29.6	45.4	52.2
9	8		
6.4	23.5	48.1	

T1-A

LOCATIONS: PC-01 GMT & PC-05 GMT



Standard Arrow Custom 17.9" X 10.9" 180°; [University of Illinois] E Mod 2K; [Extension] E Mod 2K;

Standard Arrow Custom 17.9" X 10.9" 180°; [Fahey Hollow Rd] E Mod 2K;

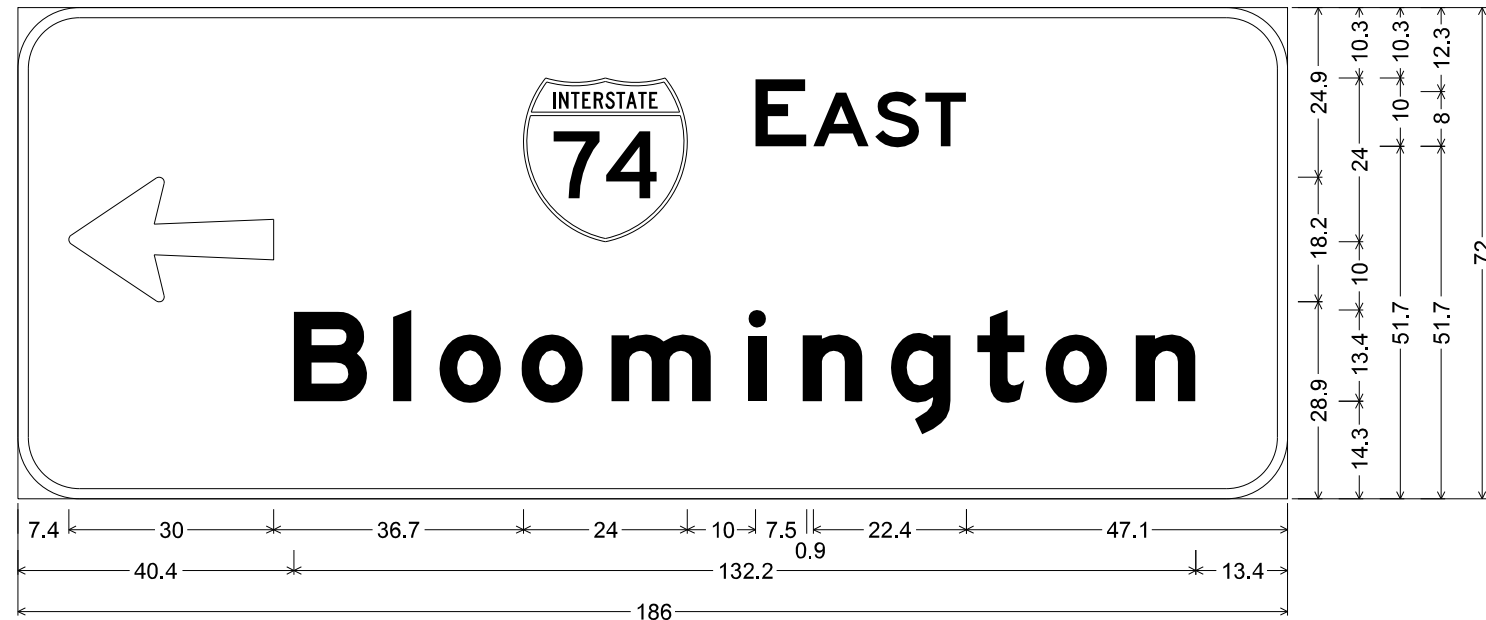
[Pinecrest Dr] E Mod 2K; Standard Arrow Custom 17.9" X 10.9" 0°;

Table of distances between letter and object lefts.

6.5	←	U	n	i	v	e	r	s	i	t	y	o	f	I	I	I	i	n	o	i	s	7.1
23.9	9.2	8.5	3.9	7.7	7.8	5.0	7.8	3.9	5.9	14.8	7.1	11.3	4.4	4.8	4.8	4.8	7.7	7.9	4.0	5.2	7.1	
67.8	E	x	t	e	n	s	i	o	n	44.5												
7.3	8.0	6.0	7.8	7.6	7.8	4.0	8.0	5.2	44.5													
6.5	←	F	a	h	e	y	H	o	l	l	o	w	R	d	36.7							
23.9	7.3	8.5	7.8	6.9	14.8	8.4	8.0	4.8	4.0	7.1	16.1	8.0	5.2	36.7								
63.9	P	i	n	e	c	r	e	s	t	D	r	⇒										
8.4	4.8	7.7	7.1	7.7	5.2	6.9	6.9	12.1	8.9	10.0	17.9	6.5										

T1-B

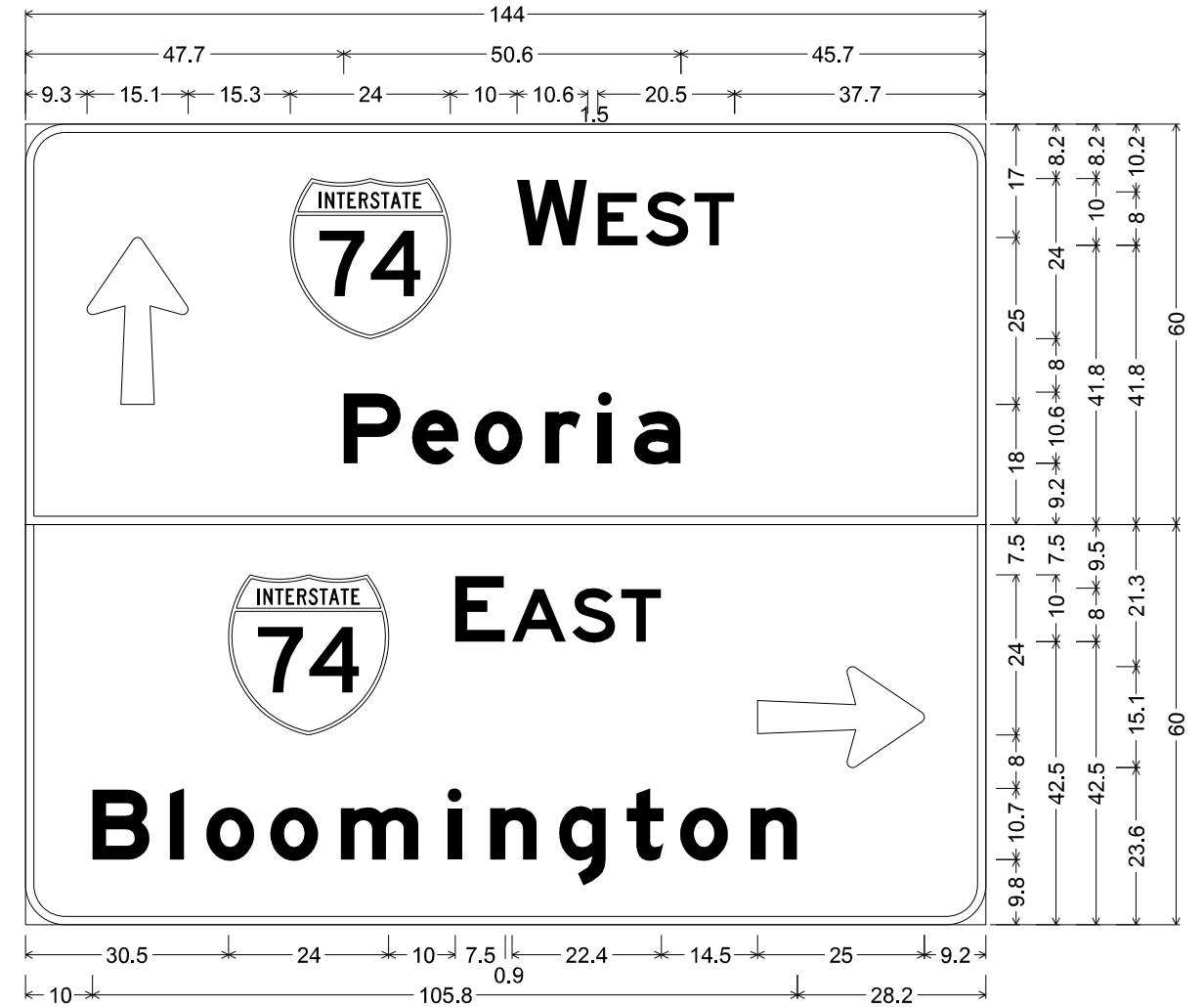
LOCATION: PC-02 GMT



Arrow 133 - 30.0" 180°; [EAST] E 2K; [Bloomington] E Mod 2K;
 Table of widths and spaces.

←	74	E	A	S	T																	
7.4	30.0	36.7	24.0	10.0	7.5	0.9	8.2	0.9	6.5	0.8	6.0	47.1										
B	i	o	o	m	i	n	g	t	o	n												
40.4	10.8	3.8	2.6	4.2	9.0	3.0	9.0	4.2	14.6	5.4	2.6	5.4	8.8	4.1	8.8	3.9	6.9	3.1	9.0	4.2	8.8	13.4

T1-C
 LOCATION: PC-03 GMT

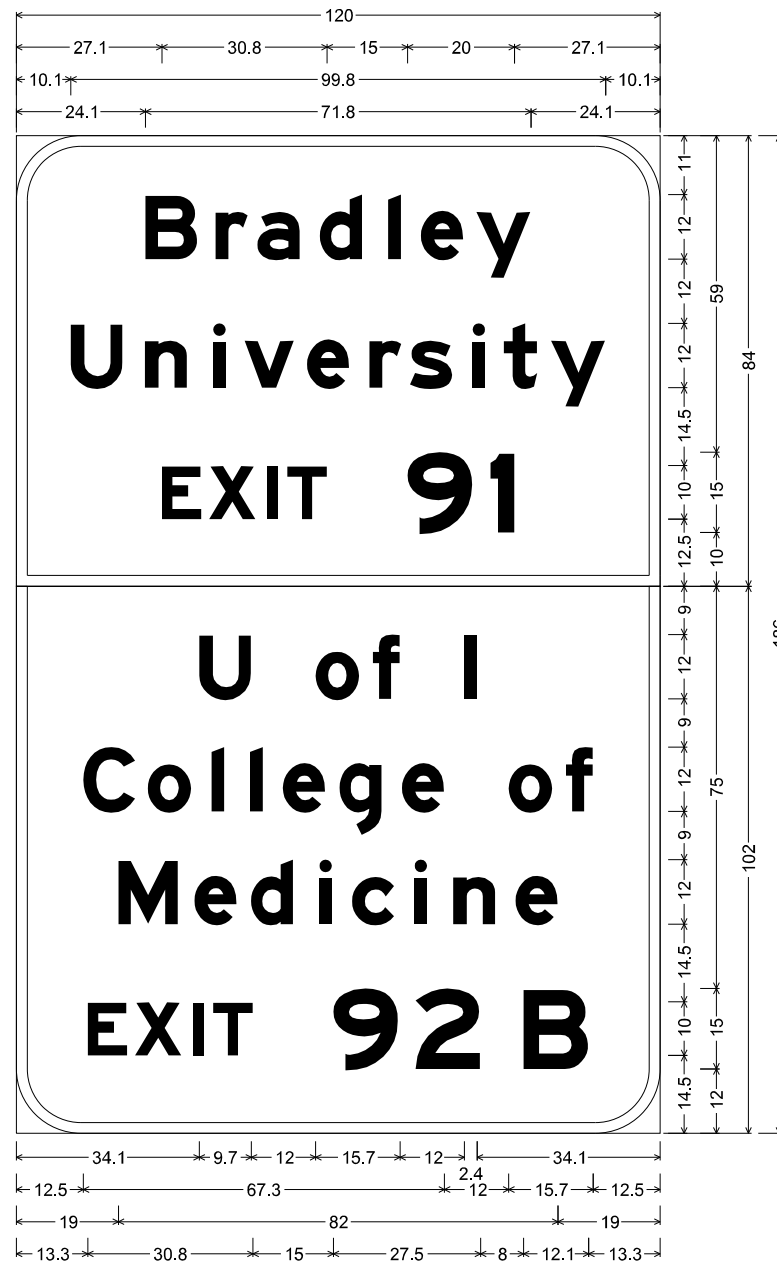


Arrow 80 - 25.0" 90°; [WEST] E 2K; [Peoria] E Mod 2K;

[EAST] E 2K; [Bloomington] E Mod 2K; Arrow 80 - 25.0" 0°;
 Table of widths and spaces.

↑	74	W	E	S	T																	
9.3	15.1	15.3	24.0	10.0	10.6	1.5	6.0	1.1	6.5	0.9	6.0	37.7										
P	e	o	r	i	a																	
47.7	8.7	1.6	7.0	2.3	7.3	3.3	5.3	2.6	2.1	3.3	7.1	45.7										
74	E	A	S	T	→																	
30.5	24.0	10.0	7.5	0.9	8.2	0.9	6.5	0.8	6.0	14.4	25.0	9.3										
B	i	o	o	m	i	n	g	t	o	n												
10.0	8.7	3.0	2.1	3.3	7.3	2.3	7.3	3.3	11.7	4.3	2.1	4.3	7.0	3.3	7.1	3.0	5.6	2.4	7.3	3.3	7.1	28.2

T1-D
 LOCATION: PC-04 GMT



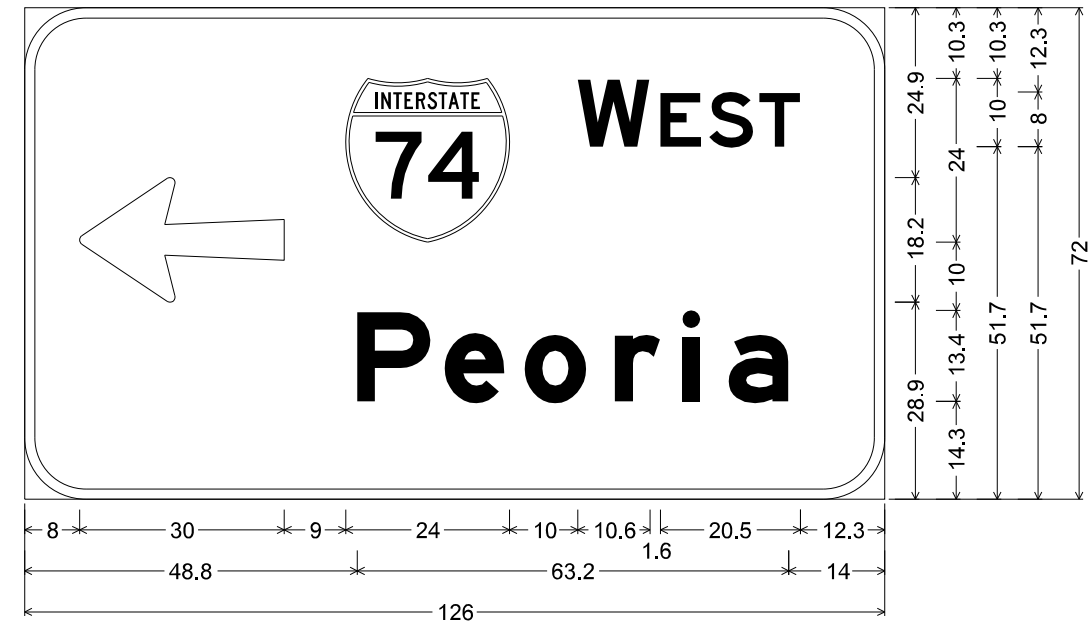
12.0" Radius, 2.0" Border, White on Green;
 [Bradley] E Mod 2K; [University] E Mod 2K; [EXIT 91] E Mod 2K;

12.0" Radius, 2.0" Border, White on Green;
 [U of I] E Mod 2K; [College of] E Mod 2K; [Medicine] E Mod 2K;
 [EXIT 92 B] E Mod 2K;

Table of distances between letter and object lefts.

24.1	B	r	a	d	l	e	y	24.1			
10.1	U	n	i	v	e	r	s	i	t	y	10.1
27.1	E	X	I	T	9	1	27.1				
34.1	U	o	f	I	34.1						
12.5	C	o	l	l	e	g	e	o	f	12.5	
19.0	M	e	d	i	c	i	n	e	19.0		
13.3	E	X	I	T	9	2	B	13.3			

T1-E
 LOCATION: PC-06 GMT



9.0" Radius, 1.5" Border, White on Green;
 Arrow 133 - 30.0" 180°; [WEST] E 2K; [Peoria] E Mod 2K;
 Table of widths and spaces.

8.0	←	30.0	9.0	24.0	10.0	10.6	1.6	6.0	1.1	6.5	0.9	6.0	12.3
48.8	P	10.8	2.0	8.8	2.9	9.1	4.1	6.7	3.2	2.6	4.2	8.8	14.0

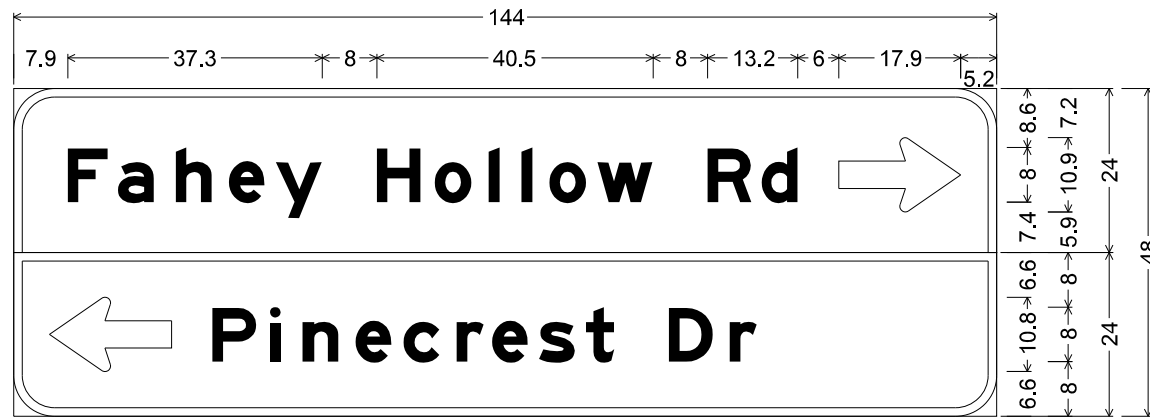
T1-E
 LOCATION: PC-07 GMT

FILE NAME =	USER NAME = fagentnd	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\Traffic\DRAWN Pinecrest Dr Signs\Pinecrest Drive		REVISION	REVISION
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11B1)	TAZEWELL	212	97
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

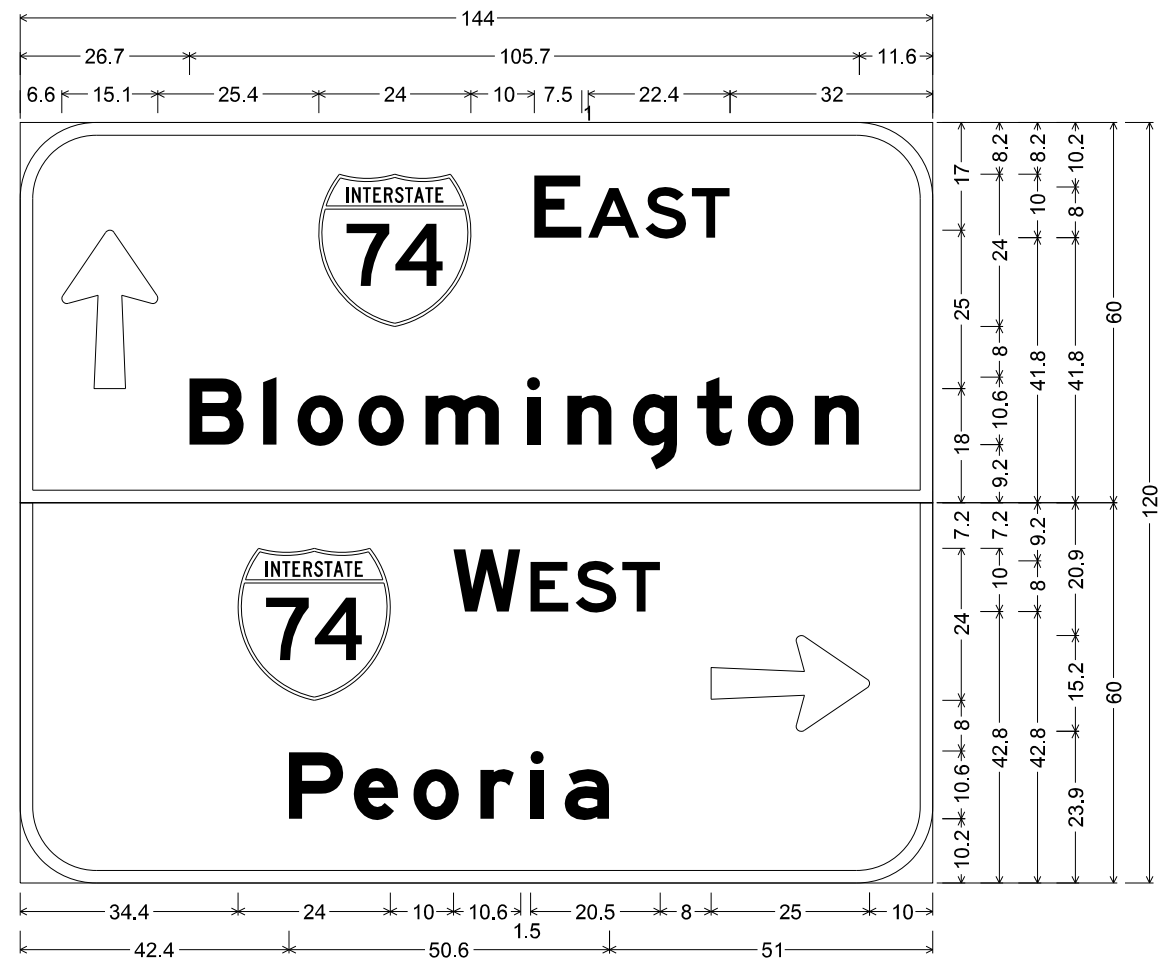


[Fahey Hollow Rd] E Mod 2K; Standard Arrow Custom 17.9" X 10.9" 0°;

Standard Arrow Custom 17.9" X 10.9" 180°; [Pinecrest Dr] E Mod 2K;
Table of distances between letter and object lefts.

7.9	F	a	h	e	y	H	o	l	l	o	w	R	d	⇒	17.9	5.2
7.4	7.4	8.5	7.7	6.9	14.8	8.5	7.9	4.8	4.1	7.0	16.2	7.9	11.3			
5.3	←	P	i	n	e	c	r	e	s	t	D	r				
23.8	8.4	4.8	7.8	7.0	7.8	5.2	6.9	6.8	12.2	8.9	4.0	35.1				

T1-G
LOCATION: PC-08 GMT



Arrow 80 - 25.0" 90°; [EAST] E 2K; [Bloomington] E Mod 2K;

[WEST] E 2K; [Peoria] E Mod 2K; Arrow 80 - 25.0" 0°;
Table of widths and spaces.

6.6	↑	15.1	25.4	24.0	10.0	E	A	S	T	32.0													
26.7	B	3.0	2.2	3.3	7.2	2.4	7.2	3.3	11.8	4.2	2.2	4.2	7.1	3.3	7.0	3.1	5.6	2.4	7.3	3.3	7.0	11.6	
34.4	74	10.0	10.6	1.5	6.0	1.1	6.5	0.9	6.0	8.0	⇒	25.0	10.0										
42.4	P	8.7	1.6	7.0	2.3	7.3	3.3	5.3	2.6	2.1	3.3	7.1	51.0										

T1-H
LOCATION: PC-09 GMT



GROUND MOUNT SIGNS

LOCATION	73400100			72700100									
	CONCRETE FOUNDATIONS - GROUND MOUNT	CONCRETE FOUNDATIONS - GROUND MOUNT	TOTAL CONCRETE FOUNDATIONS - GROUND MOUNT	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY									
				DISTANCE FROM EOP TO POST*	POST SPACING C-C	SIGN SUPPORT SIZE	SIGN POSTS LENGTHS			STUB LENGTH	NO. OF STUBS REQUIRED	TOTAL LENGTH OF STUB STEEL	WEIGHT OF STEEL
							L1**	L2	L3				
CU.YD.	EACH	CU.YD.	FT.	FT.		FT.	FT.	FT.	FT.	EACH	FT.	LBS.	
PC-02 (GMT)	1.18	2	2.36	20.70	8.70	W10 X 22	16.33	18.5		3.00	2	6.00	898.26
PC-03 (GMT)	0.70	3	2.10	17.32	5.43	W6 x 15	14.67	16.08	17.42	2.50	3	7.50	835.05
PC-04 (GMT)	1.18	2	2.36	30.40	7.20	W10 x 22	17.75	19.83		3.00	2	6.00	958.76
PC-06 (GMT)	1.90	2	3.80	20.00	6.00	W14 x 30	24.42	25.33		3.00	2	6.00	1672.50
PC-07 (GMT)	0.70	2	1.40	30.10	6.30	W6 x 15	14.08	15.67		2.50	2	5.00	521.25
PC-08 (GMT)	0.70	2	1.40	26.40	7.20	W6 x 15	15.42	16.92		2.50	2	5.00	560.10
TOTALS			13.42										5445.92

*NOTE: DISTANCE FROM EDGE OF PAVEMENT TO THE CENTER OF POST NEAREST TO THE EDGE OF PAVEMENT
 ** NOTE: L1 IS THE LENGTH OF THE POST NEAREST TO THE EDGE OF PAVEMENT

TABULATION OF SIGNS - TYPE 3

SIGN PANEL LOCATION	72000300			
	SIGN PANEL, TYPE 3			
	PANEL SIZE (W X H)			TOTAL AREA
	IN			SQ FT
PC-01 GMT	78	X	60	32.50
PC-02 GMT	174	X	78	94.25
PC-03 GMT	186	X	72	93.00
PC-04 GMT	144	X	120	120.00
PC-05 GMT	78	X	60	32.50
PC-06 GMT	120	X	186	155.00
PC-07 GMT	126	X	72	63.00
PC-08 GMT	144	X	48	48.00
PC-09 GMT	144	X	120	120.00
GRAND TOTAL				758.25

TABULATION OF SIGN REMOVALS

SIGN PANEL LOCATION	X7240205	73700200	72400330
	REMOVE SIGN COMPLETE	REMOVE CONCRETE FOUNDATION, GMT	REMOVE SIGN PANEL TYPE 3
	EACH	EACH	SQ. FT.
PC-02 (GMT)	1	2	
PC-03 (GMT)	1	2	
PC-04 (GMT)	1	2	
PC-05 (GMT)	1	2	
PC-06 (GMT)	1	2	
PC-07 (GMT)	1	2	
PC-08 (GMT)	1	2	
PC-09 (GMT)			110
TAZEWELL COUNTY TOTALS	7.00	14.00	
GRAND TOTAL	7.00	14.00	110.00

FILE NAME = USER NAME = fagentnd DESIGNED - REVISED -
 p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 4\Projects\Traffic\DRAWN Pinecrest Dr. Signs\Pinecrest Drive Revised
 PLOT SCALE = 100.0000' / in. CHECKED - REVISED -
 DATE - REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING BILL OF MATERIALS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-14HB-11BRI)	TAZEWELL	212	99
CONTRACT NO. 68894				
ILLINOIS FED. AID PROJECT				

TABULATION OF NEW SIGN PANELS TY 1										
MUTCD SIGN #	DESCRIPTION	AREA (SQFT)	COUNT PER LOCATION DESIGNATION (EACH)						TOTAL AREA (SQFT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)
			HS-14	HS-22	HS-31	HS-32	HS-33	HS-34		
R6-1 (Left)	"One Way" Arrow Left 54 in x 18 in.	6.75	1						6.75	20.00
R6-1 (Right)	"One Way" Arrow Right 54 in x 18 in.	6.75		1	1				13.50	40.00
R1-1	"STOP" 12 in x 12 in	1.00				1	1	1	4.00	80.00

72000100	
TOTAL: NEW SIGN PANEL, TY 1	24.25 SQ. FT.

72800100	
TOTAL: TELESCOPING STEEL SIGN SUPPORT	140.00 FT.

TABULATION OF NEW SIGN PANELS TY 2								
MUTCD SIGN #	DESCRIPTION	AREA (SQFT)	COUNT PER LOCATION DESIGNATION (EACH)				TOTAL AREA (SQFT)	WOOD SIGN SUPPORT (FOOT)
			HS-30					
R1-1	"Sop" 48 in. x 48 in.	16.00	1				16.00	20.00

72000200	
TOTAL: NEW SIGN PANEL, TY 2	16.00 SQ. FT.

73000100	
TOTAL: WOOD SIGN SUPPORT	20.00 FT.