

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.T. RTE.	SECTION *	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	1
		ILLINOIS	CONTRACT NO. 74744	

\* ANYWHERE IN THIS SET OF PLANS SECTION (25-2)RA-1 IS REFERENCED, IT SHOULD READ (25-2)RA-1.

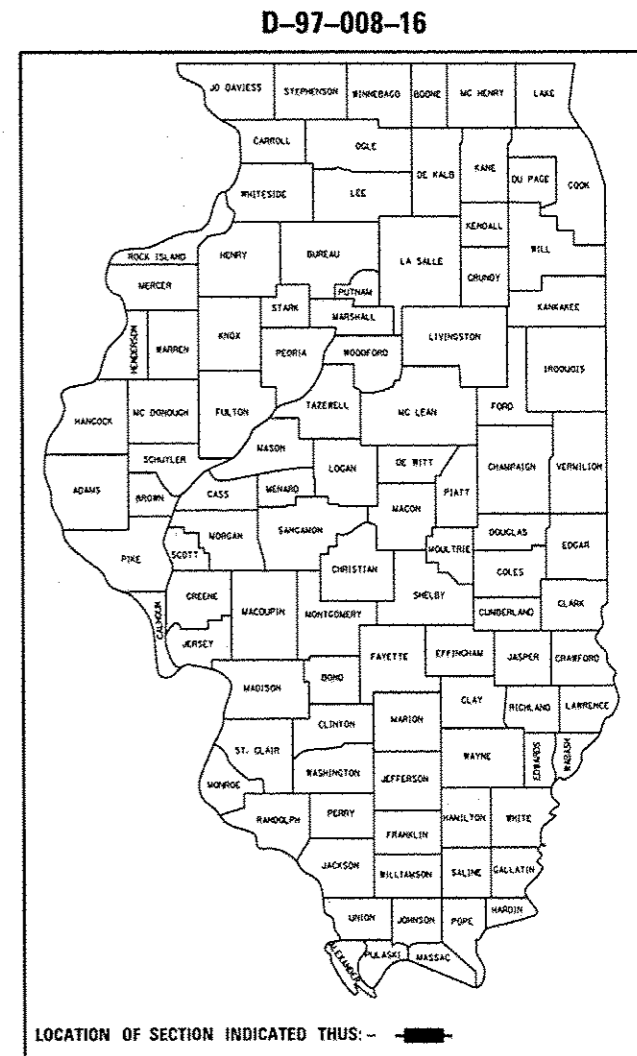
FOR INDEX OF SHEETS, SEE SHEET NO. 2

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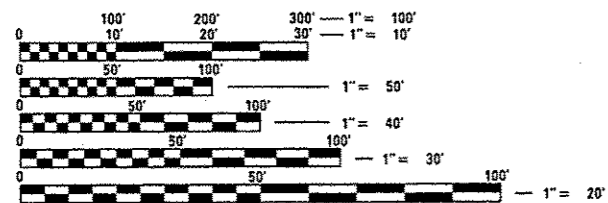
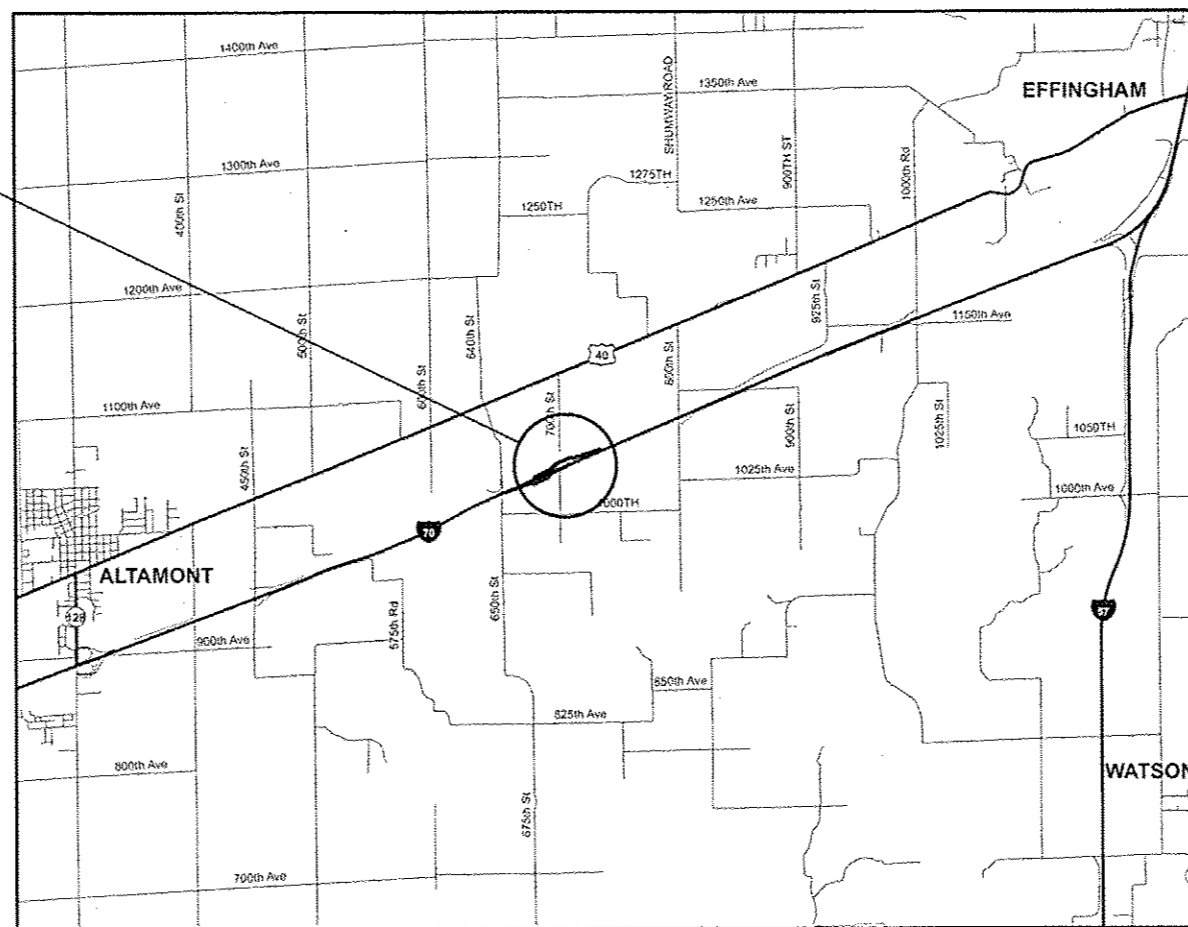
# PROPOSED HIGHWAY PLANS

ROUTE FAI 70 (I-70)  
SECTION (25-2)RA-1  
PROJECT  
REST AREA IMPROVEMENT  
EFFINGHAM COUNTY

C-97-014-16



NATIONAL TRAIL REST AREA  
(EB & WB)



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-9123  
OR 811

PROJECT ENGINEER: TOM RONAN  
PROJECT MANAGER: JEFF DAVISON

CONTRACT NO. 74744

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 11 2016  
Jeffrey M. Southwick  
REGIONAL ENGINEER

July 1 2016  
Maureen M. A. O. B. P. E. P.  
ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2016  
David A. O. P. E. P.  
DIRECTOR OF PROGRAM DEVELOPMENT

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STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 001001-02 AREAS OF REINFORCEMENT BARS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 420001-08 PAVEMENT JOINTS  
 420101-05 24' (7.2m) JOINTED PAVEMENT  
 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT  
 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
 442101-07 CLASS B PATCHES  
 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 701451-03 RAMP CLOSURE FREEWAY/EXPRESSWAY  
 701901-05 TRAFFIC CONTROL DEVICES  
 780001-05 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED APRIL 1, 2016, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.

THE WORK INCLUDED IN THIS SECTION IS LOCATED AT THE EASTBOUND AND WESTBOUND NATIONAL TRAIL REST AREAS. THE REST AREAS ARE LOCATED ON I-70 WEST OF EFFINGHAM IN EFFINGHAM COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF PAVEMENT PATCHING, PARKING LOT REMOVAL AND REPLACEMENT, CURB & GUTTER REMOVAL AND REPLACEMENT, PAVEMENT MARKING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88).

THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND THE EXISTING MEDIANS, GUTTERS, COMBINATION CURB AND CUTTER THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND TO BE UNSUITABLE FOR REUSE DUE TO EXCESSIVE RUSTING OR DISTRESS, SHALL BE CUT OFF FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

EMBANKMENT NEEDED FOR CONSTRUCTION OF THE PROPOSED SIDEWALKS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE SIDEWALK, 4"

THE ENGINEER SHALL DETERMINE, IN THE FIELD, THE LOCATIONS OF THE TRANSVERSE CONTRACTION JOINTS IN THE PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)

THE CONSTRUCTION ON THIS PROJECT WILL BE DONE IN STAGES WITH ONE STAGE BEING ONE REST AREA. AT NO TIME SHALL BOTH REST AREAS BE CLOSED AT THE SAME TIME AND WORK SHALL BE LIMITED TO ONLY THE REST AREA THAT IS CLOSED.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIAL	2.05 TONS/CU YD
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FILE NAME =	USER NAME = steffenc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, STANDARDS AND GENERAL NOTES	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLT DATE = 5/11/2016	DATE -	REVISED -			SCALE: NA	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 74744

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		STATE 100% 0005		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	22.2	22.2		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	98	98		
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	200	200		
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SO YD	288	288		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	9117	9117		
44000100	PAVEMENT REMOVAL	SO YD	288	288		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	512	512		
44000600	SIDEWALK REMOVAL	SO FT	9031	9031		
44200050	WELDED WIRE REINFORCEMENT	SO YD	343	343		
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SO YD	160	160		
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SO YD	55	55		
44201299	DOWEL BARS 1 1/2"	EACH	504	504		
44213200	SAW CUTS	FOOT	1227	1227		

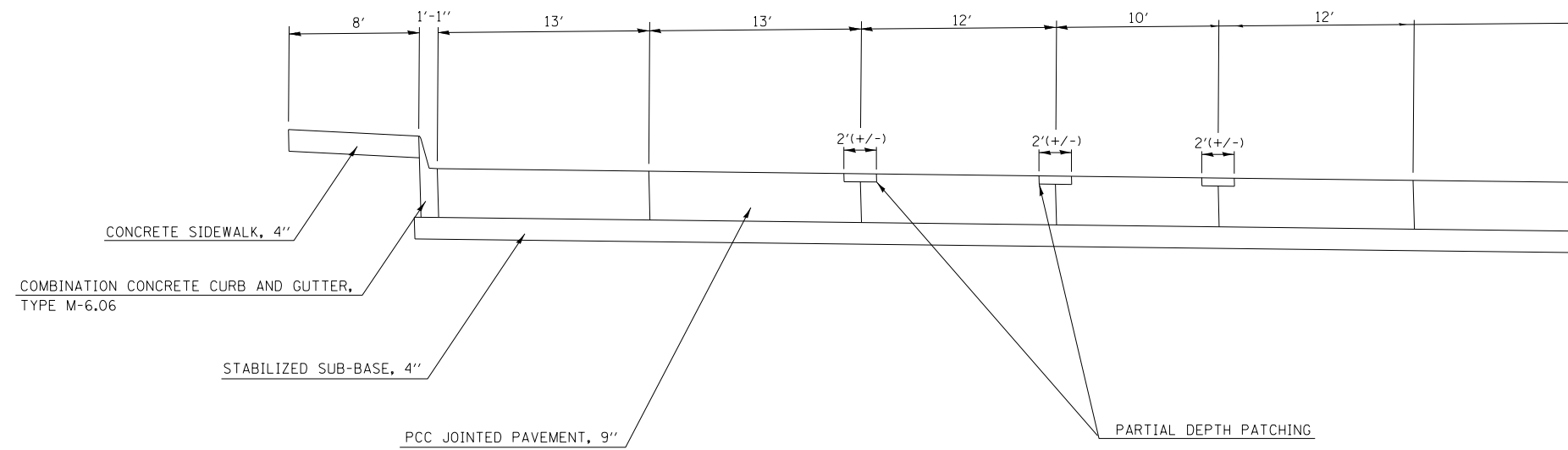
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		STATE 100% 0005		
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	168	168		
60608700	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (ABUTTING EXISTING PAVEMENT)	FOOT	275	275		
67100100	MOBILIZATION	LSUM	1	1		
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	LSUM	1	1		
* 72000100	SIGN PANEL - TYPE 1	SO FT	4	4		
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	14	14		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2700	2700		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	14	14		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	600	600		
* X0301033	SIGN FRAME - SERIES 325 (SINGLE)	FOOT	12	12		
* X0326718	INSTALL REST AREA SIGN	EACH	2	2		

\* SPECIALTY ITEM



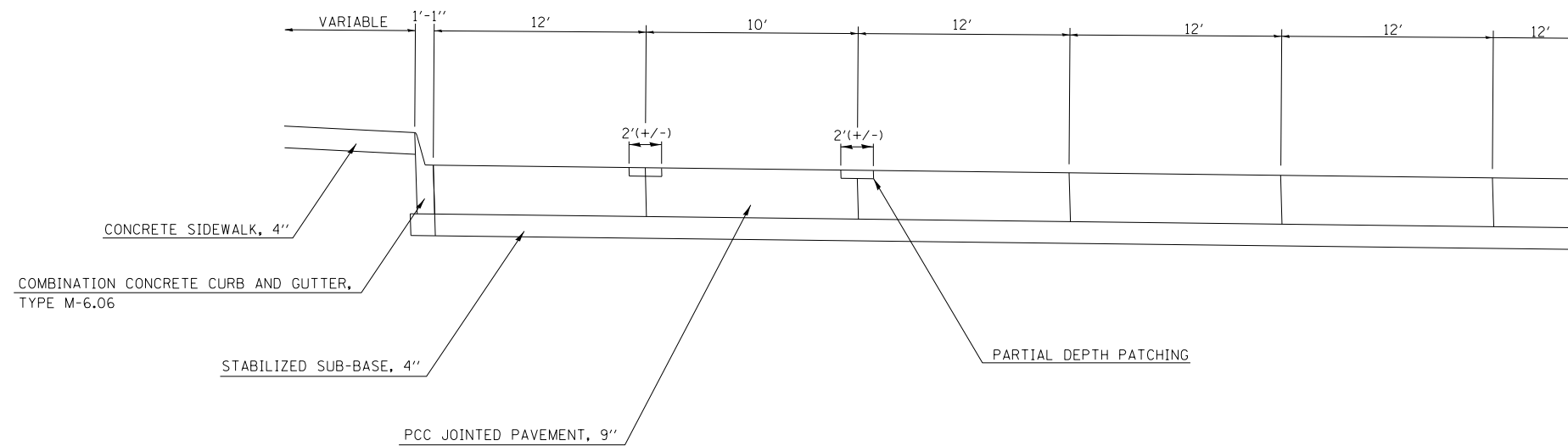
**WB EXISTING TYPICAL SECTION**

STA. 15+15.35 TO STA. 16+72.69  
STA. 17+49.19 TO STA. 20+70.93



**WB EXISTING TYPICAL SECTION**

STA. 16+72.69 TO STA. 17+47.19



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

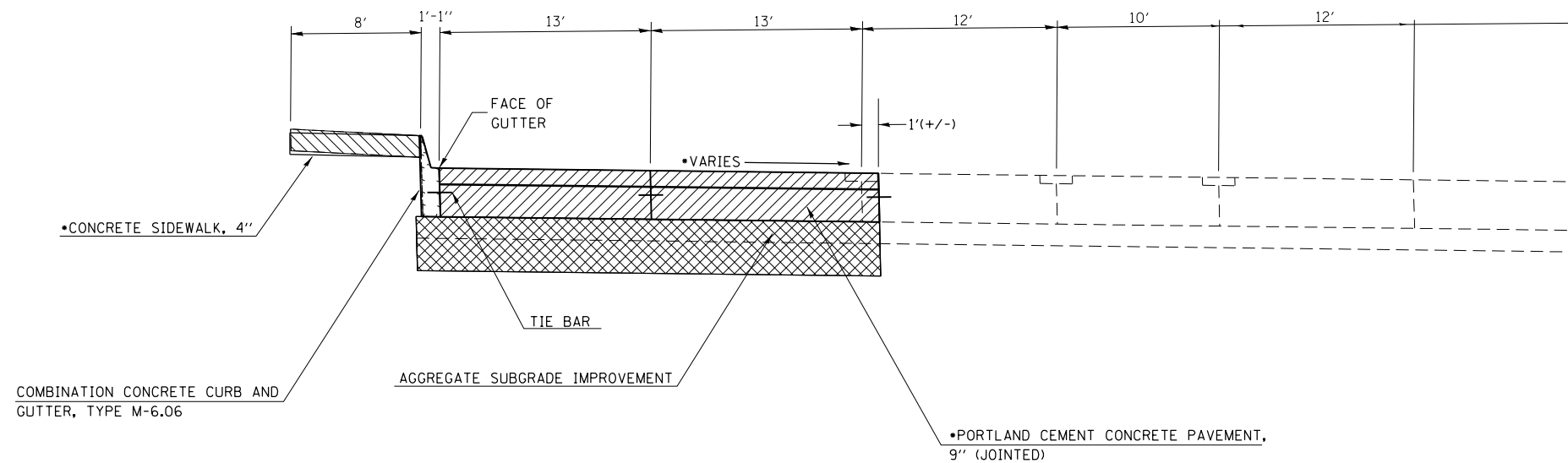
**EXISTING TYPICAL CROSS  
SECTIONS WB REST AREA**

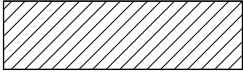
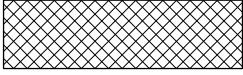

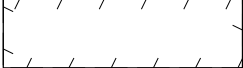
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74744	

PROPOSED TYPICAL SECTION

STA. 16+24.99 RT. TO STA. 16+74.78 RT.  
 STA. 17+49.62 RT. TO STA. 18+25.00 RT.  
 WEST LOOKING EAST

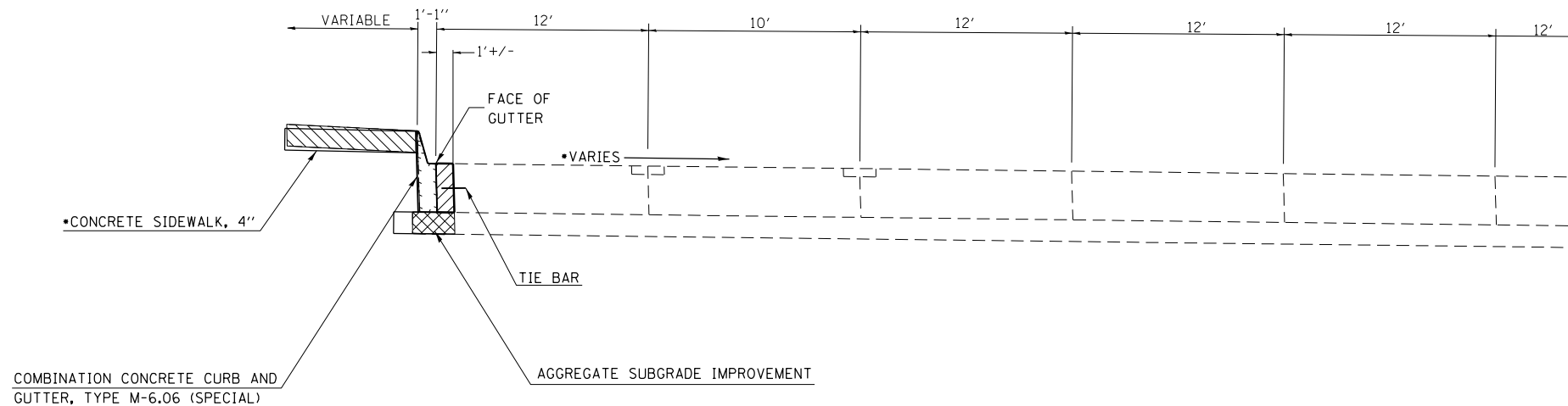


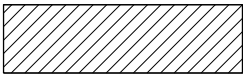
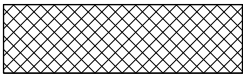

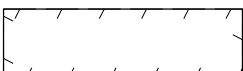
-  PAVEMENT REMOVAL
-  REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL

•NOTE: SEE PLANS FOR GRADES AND LOCATIONS.

PROPOSED TYPICAL SECTION

STA. 16+72.69 RT. TO STA. 17+47.19 RT.  
 WEST LOOKING EAST



-  PAVEMENT REMOVAL
-  REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL

•NOTE: SEE PLANS FOR GRADES AND LOCATIONS.

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	PLOT DATE = 5/11/2016	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS WB REST AREA			
SCALE: NA	SHEET	OF SHEETS	STA. TO STA.

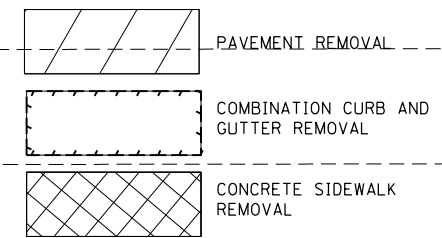
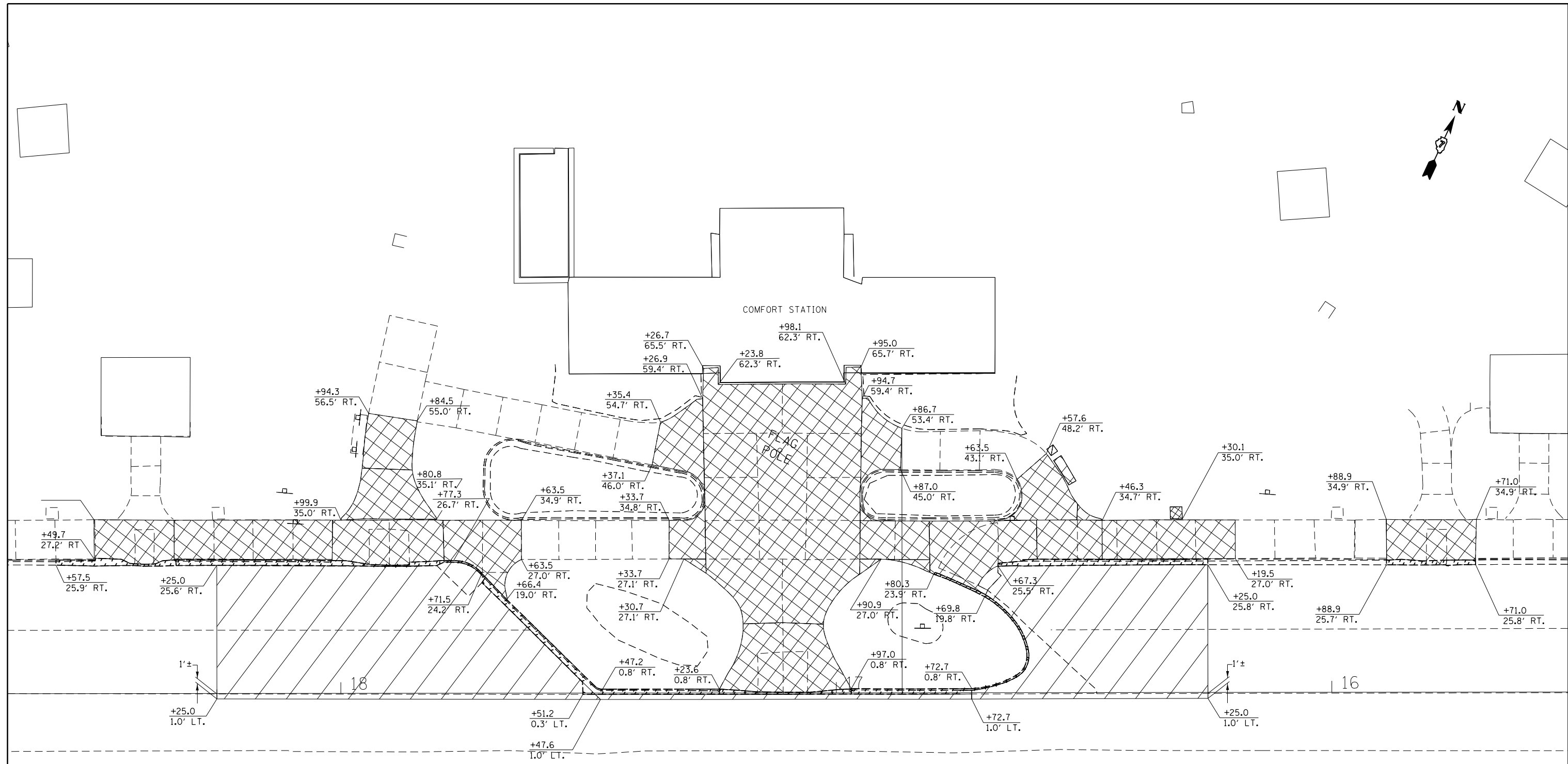
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70	(25-2)RA-1	EFFINGHAM	32	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74744	

EARTHWORK SCHEDULE

Location	Earth Excavation CU. YD.	Earth Excavation		Earthwork Balance Waste (+)/Shortage (-) CU. YD.	
		Adj. for Shrinkage CU. YD.	Embankment CU. YD.		
EB RA					
WB RA					
STA. 16+25.00 TO STA. 16+75.00 RT.	35.2	0.0	0.0	-35.2	UNSUITABLE
STA. 17+51.16 TO STA. 18+25.00 RT.	62.5	0.0	0.0	-62.5	UNSUITABLE
PROJECT TOTAL	97.7	0.0	0.0	-97.7	UNSUITABLE

PATCHING SCHEDULE

LOCATION	CLASS B PATCHES, TYPEII, 9 INCH	CLASS B PATCHES, TYPEIII, 9 INCH	SAW CUTS	PAVEMENT WELDED WIR REINFOR EMENT	DOWEL BARS 1 1/2 INCH
	SQ. YD.	SQ. YD.	FOOT	SQ. YD.	EACH
NATIONAL TRAIL REST AREA WB	160.0	55.0	1,227.0	55.0	504.0



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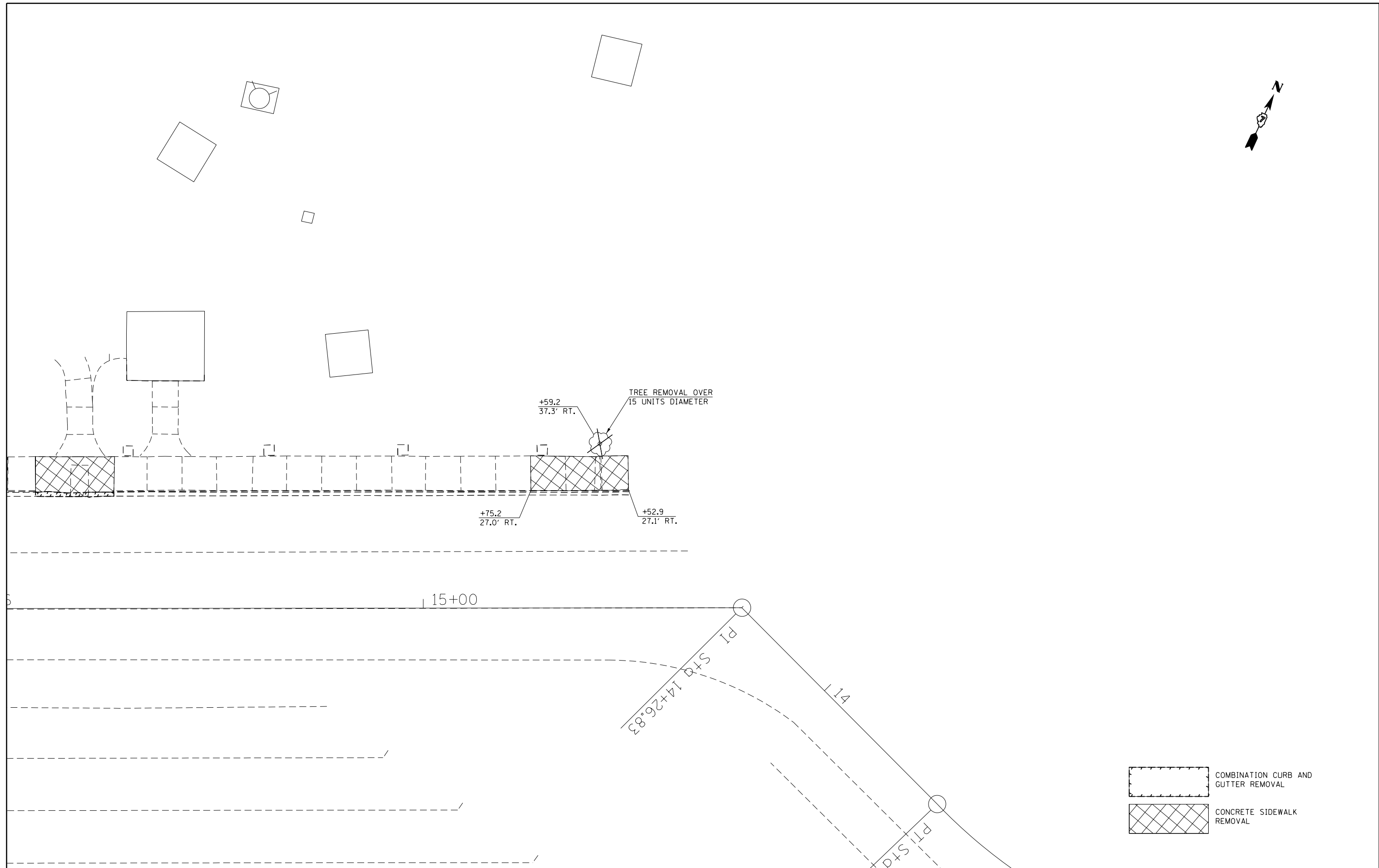
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

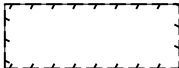

**WB NATIONAL TRAIL REST AREA  
REMOVAL PLAN**

SCALE: 10      SHEET 1 OF 5 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	8
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				





-  COMBINATION CURB AND GUTTER REMOVAL
-  CONCRETE SIDEWALK REMOVAL

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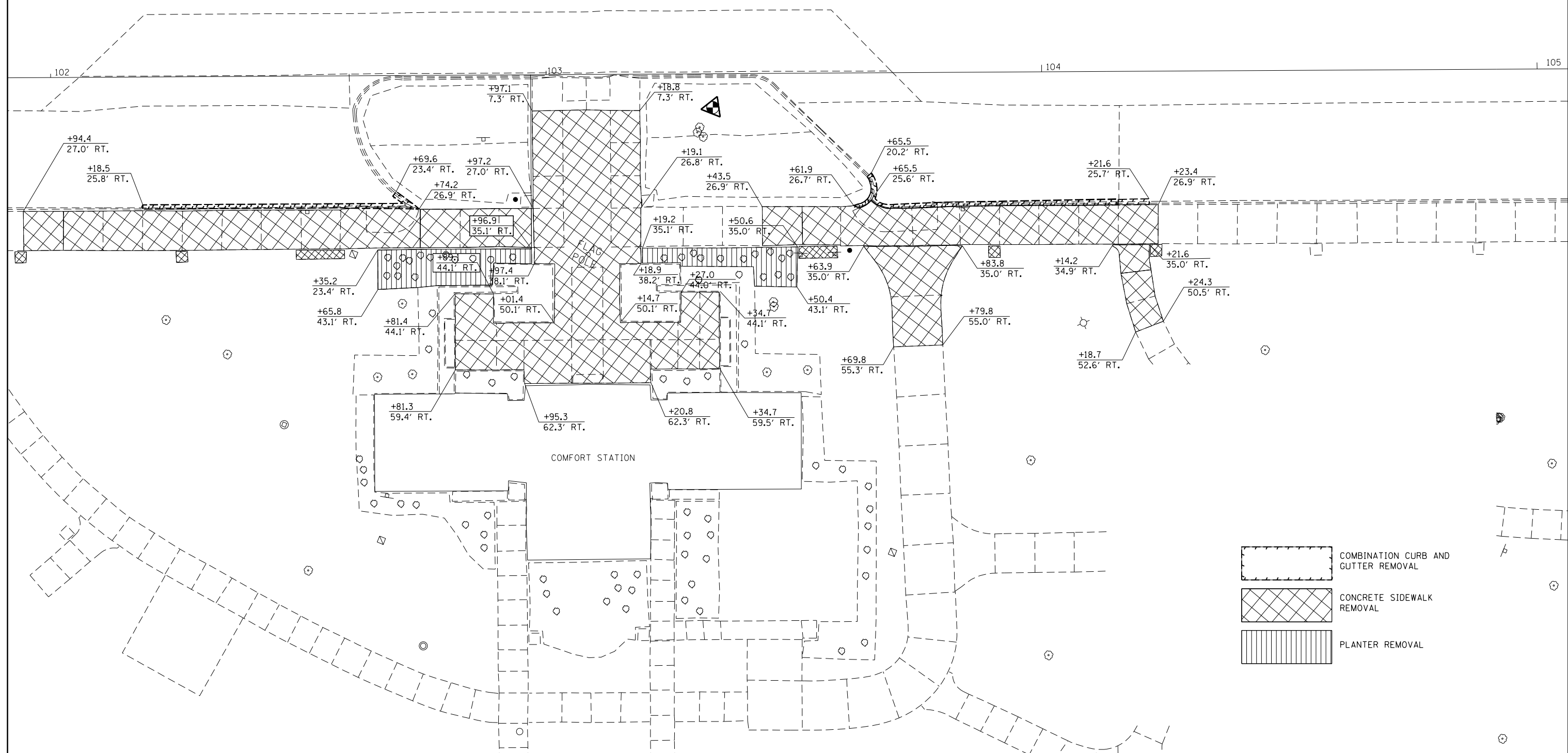
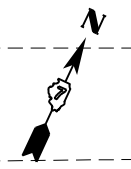
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

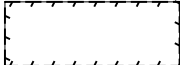


**WB NATIONAL TRAIL REST AREA  
REMOVAL PLAN**

SCALE: 10      SHEET 2 OF 5 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74744	

SURVEY MARKER  
+11.0/49.8' LT.



-  COMBINATION CURB AND GUTTER REMOVAL
-  CONCRETE SIDEWALK REMOVAL
-  PLANTER REMOVAL

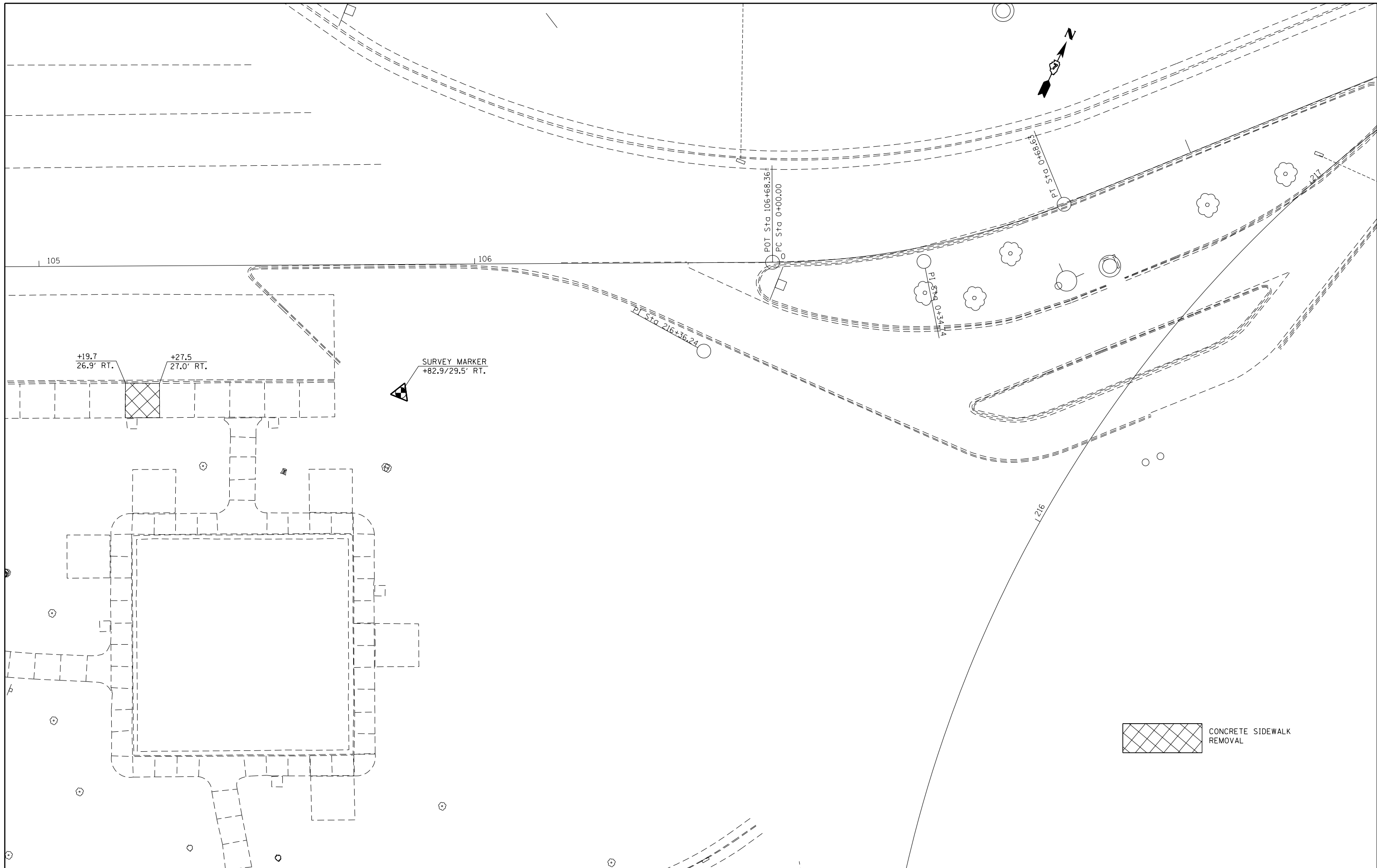
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	PLOT DATE = 5/11/2016		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EB NATIONAL TRAIL REST AREA  
REMOVAL PLAN**

SCALE: 10      SHEET 3      OF 5      SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	10
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				




 CONCRETE SIDEWALK  
 REMOVAL

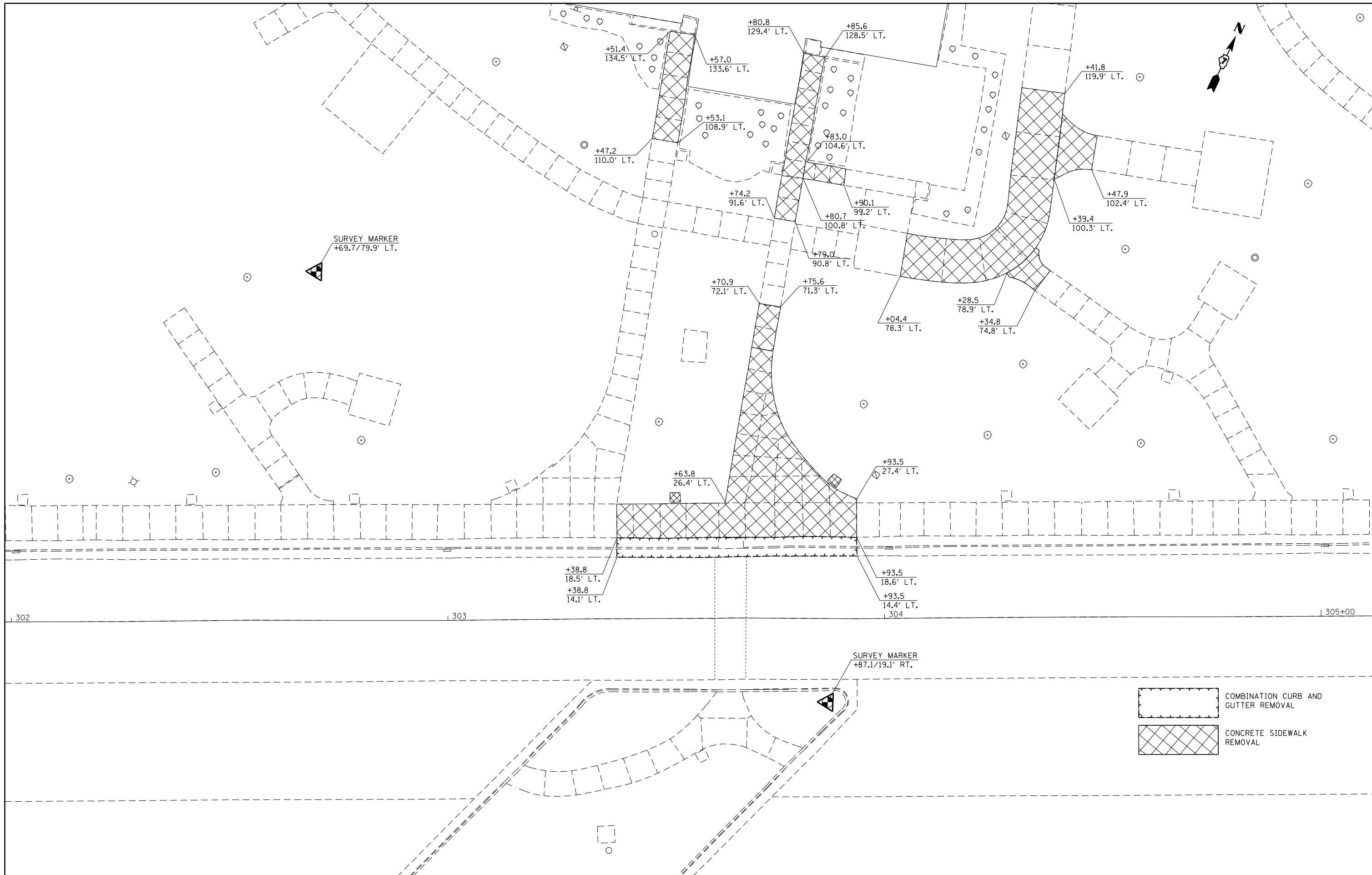
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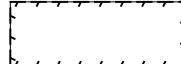

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EB NATIONAL TRAIL REST AREA**  
**REMOVAL PLAN**

SCALE: 10 SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	11
				<b>CONTRACT NO. 74744</b>
ILLINOIS FED. AID PROJECT				



 COMBINATION CURB AND GUTTER REMOVAL  
 CONCRETE SIDEWALK REMOVAL

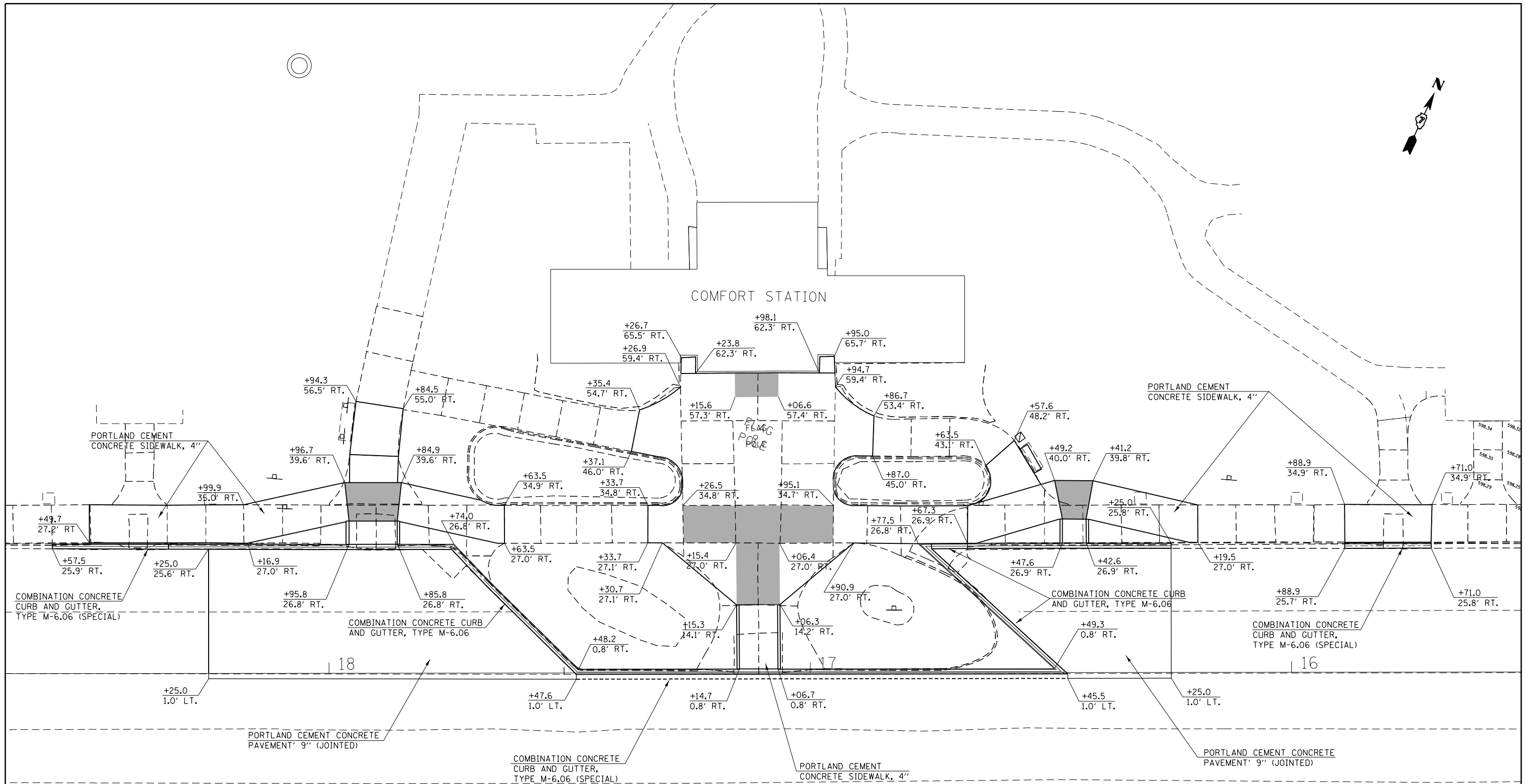
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	PLOT DATE = 5/11/2016	DATE -	REVISED -

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

**EB NATIONAL TRAIL REST AREA**  
**REMOVAL PLAN**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	12
			CONTRACT NO. 74744	
ILLINOIS FED. AID PROJECT				

SCALE: 10 SHEET 5 OF 5 SHEETS STA. TO STA.

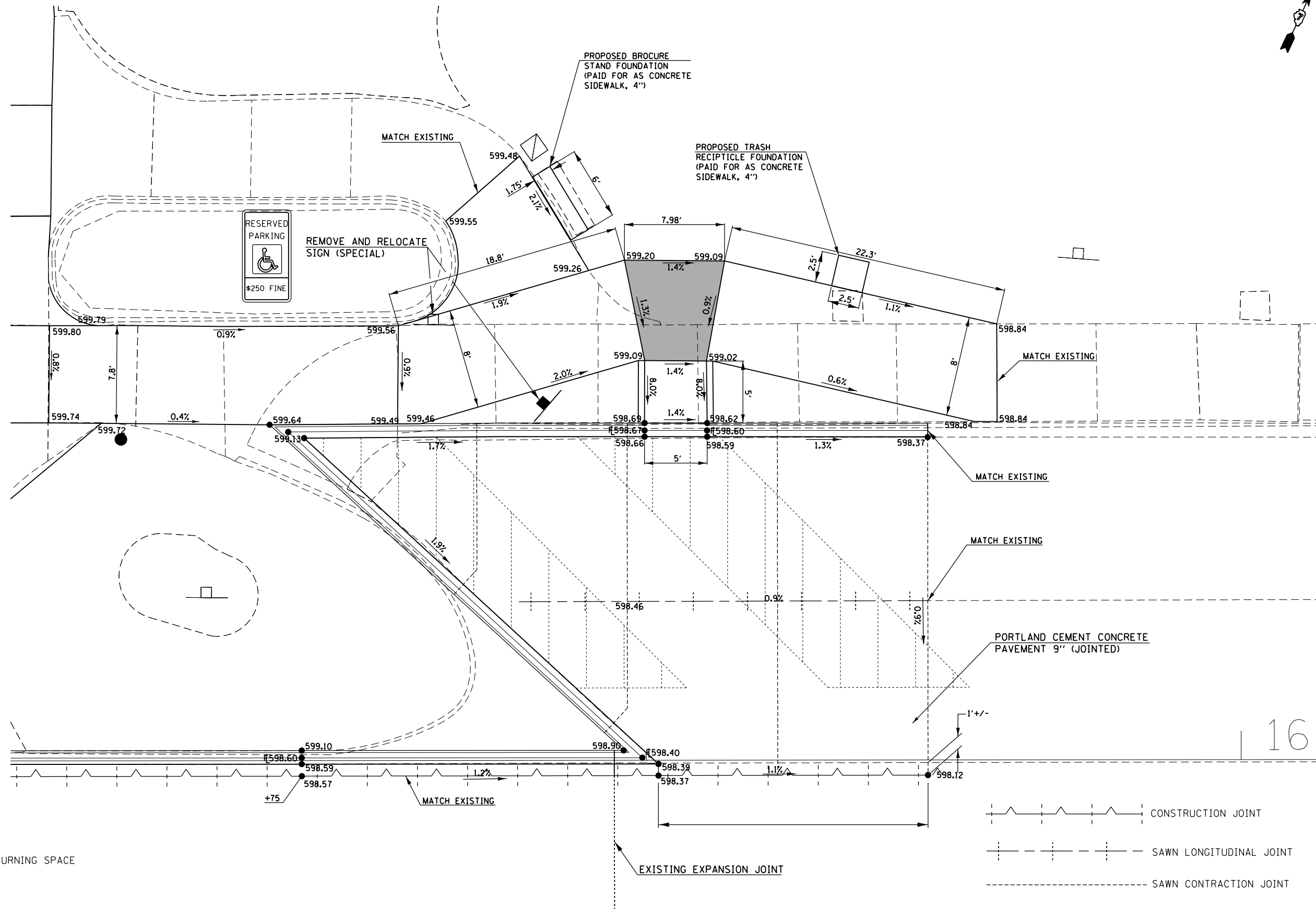


- BENCH MARKS:**
- 201; ELEV. 580.00, STA. 1789+10 LT. (I-70), 32.3' (EOP)  
CHISELED " " , SW CORNER OF LIGHTPOLE
  - 202; ELEV. 586.79; STA. 11+00 LT. (RAMP), 37.6' (RAMP)  
CHISELED " " ON HEADWALL OF 36" PIPE CULVERT
  - 203; ELEV. 599.36, STA. 1772+15 LT. (I-70), 49.1' (EOP)  
CHISELED " " S. SIDE OF CONCRETE FOUNDATION OF  
LIGHTPOLE MARKED "SW".
  - 204; ELEV. 596.80, STA. 1766+45 LT., 64.8' (EOP RAMP),  
CHISELED " " ON HEADWALL OF 36" PIPE CULVERT.

LANDING/TURNING SPACE

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WB NATIONAL TRAIL REST AREA SIDEWALK AND PAVEMENT PLAN</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74744\CAD\Drawings\74744-1\74744-1-11.sht		DRAWN	REVISED			70	(25-2)RA-1	EFFINGHAM	32	13
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		SCALE: 10	SHEET 1	OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 74744
	PLOT DATE = 5/11/2016	DATE -	REVISED -							ILLINOIS FED. AID PROJECT





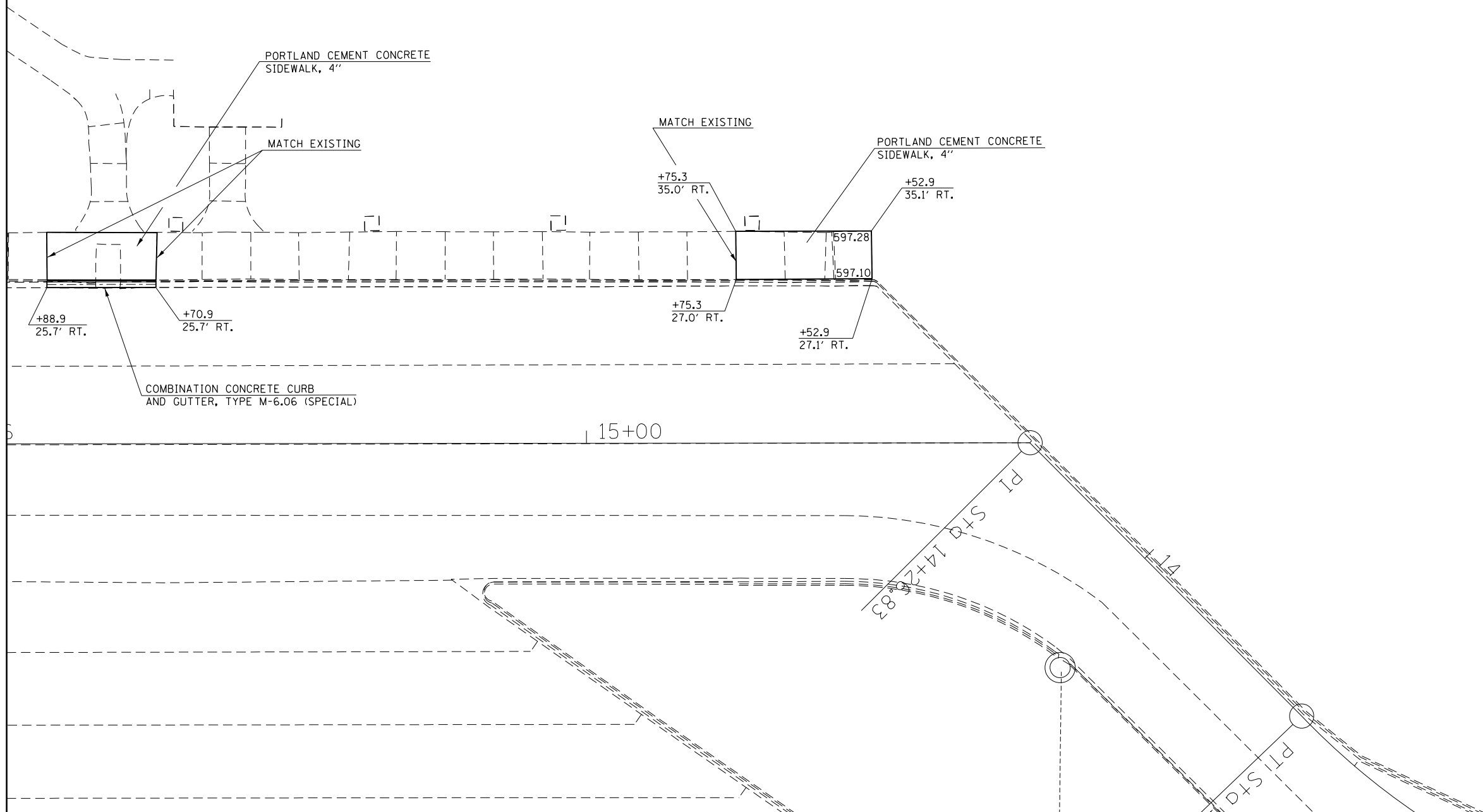
LANDING/TURNING SPACE

- CONSTRUCTION JOINT
- SAWN LONGITUDINAL JOINT
- SAWN CONTRACTION JOINT

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WB NATIONAL TRAIL REST AREA SIDEWALK AND PAVEMENT PLAN</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74744\Drawings\CAD\Drawings\74744-1\74744-1-16.dwg	Documents\IDOT Offices\District 7\Projects\74744\Drawings\CAD\Drawings\74744-1\74744-1-16.dwg	ORIGIN	REVISED -			70	(25-2)RA-1	EFFINGHAM	32	15
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74744			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/11/2016	DATE -	REVISED -			SCALE: 10		SHEET 3 OF 14 SHEETS		STA. TO STA.







EXIST. CURVE CU03  
 PI STA. = 13+18.46  
 $\Delta = 45^\circ 21' 29''$  (RT)  
 $R = 119.45' 33''$  (RT)  
 $T = 50.13'$   
 $L = 94.97'$   
 $E = 10.05'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 12+68.33$   
 $P.T. STA. = 13+63.33$

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74744\Drawings\CAD\Sheets\0774744-sht-plan.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -
	PLOT DATE = 5/11/2016		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WB NATIONAL TRAIL REST AREA  
 SIDEWALK AND PAVEMENT PLAN**

SCALE: 10 SHEET 5 OF 14 SHEETS STA. TO STA.

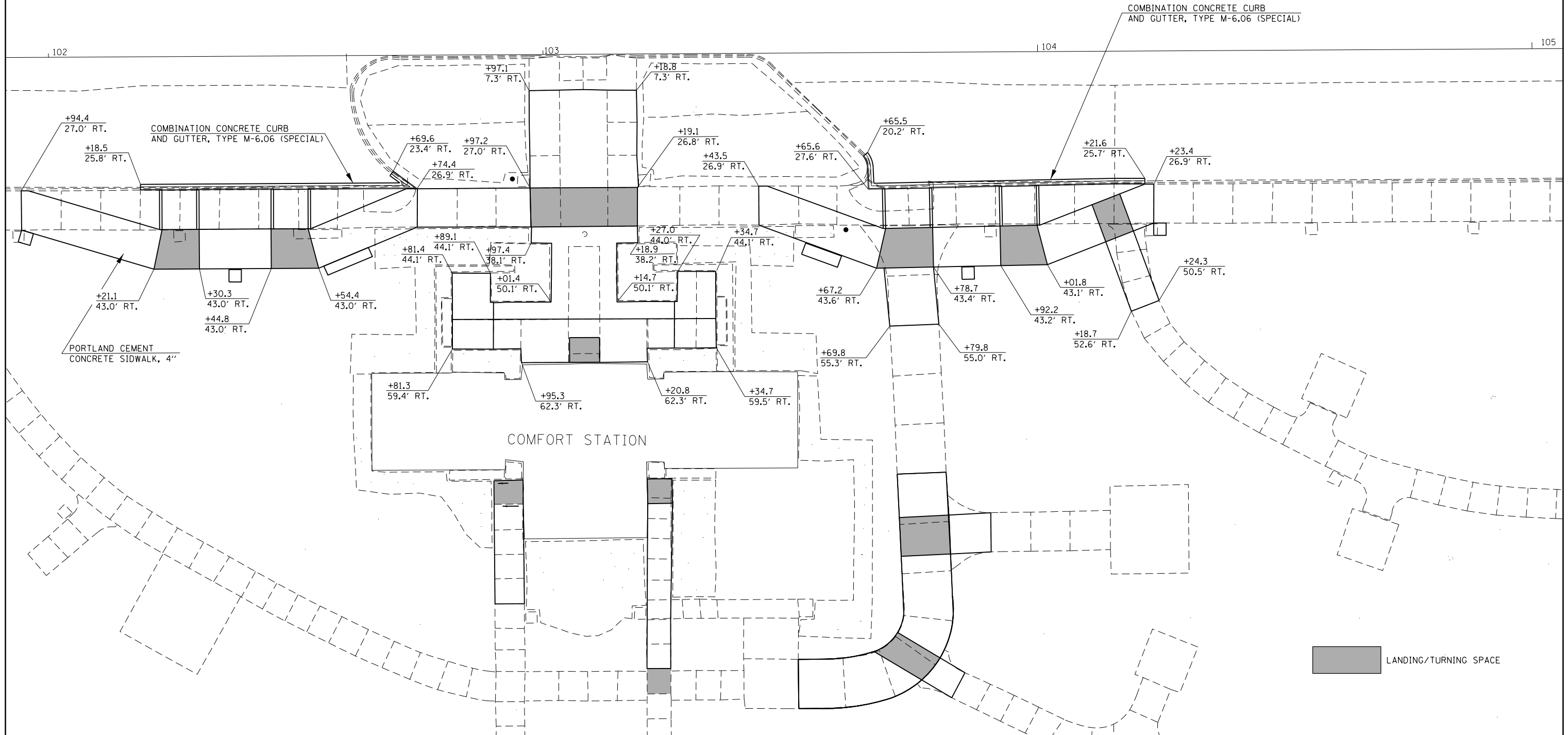
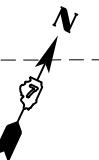
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	17
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				

BENCH MARKS  
 \*4; ELEV. 600.21, STA. 1745+50 RT. NW CORNER  
 OF FOUNDATION OF LIGHTPOLE #2E

\*5; ELEV. 606.33, STA. 11+45 RT. NW CORNER OF  
 FOUNDATION OF LIGHTPOLE #5E

\*6; ELEV. 609.92, STA. 1759+63 RT. CHISELED " " "  
 ON NORTH SIDE OF FOUNDATION OF LIGHTPOLE #7E,  
 ALSO 48' RT. OF STA. 104+08 (EXIST.) EAS OF  
 VISITOR STATION.

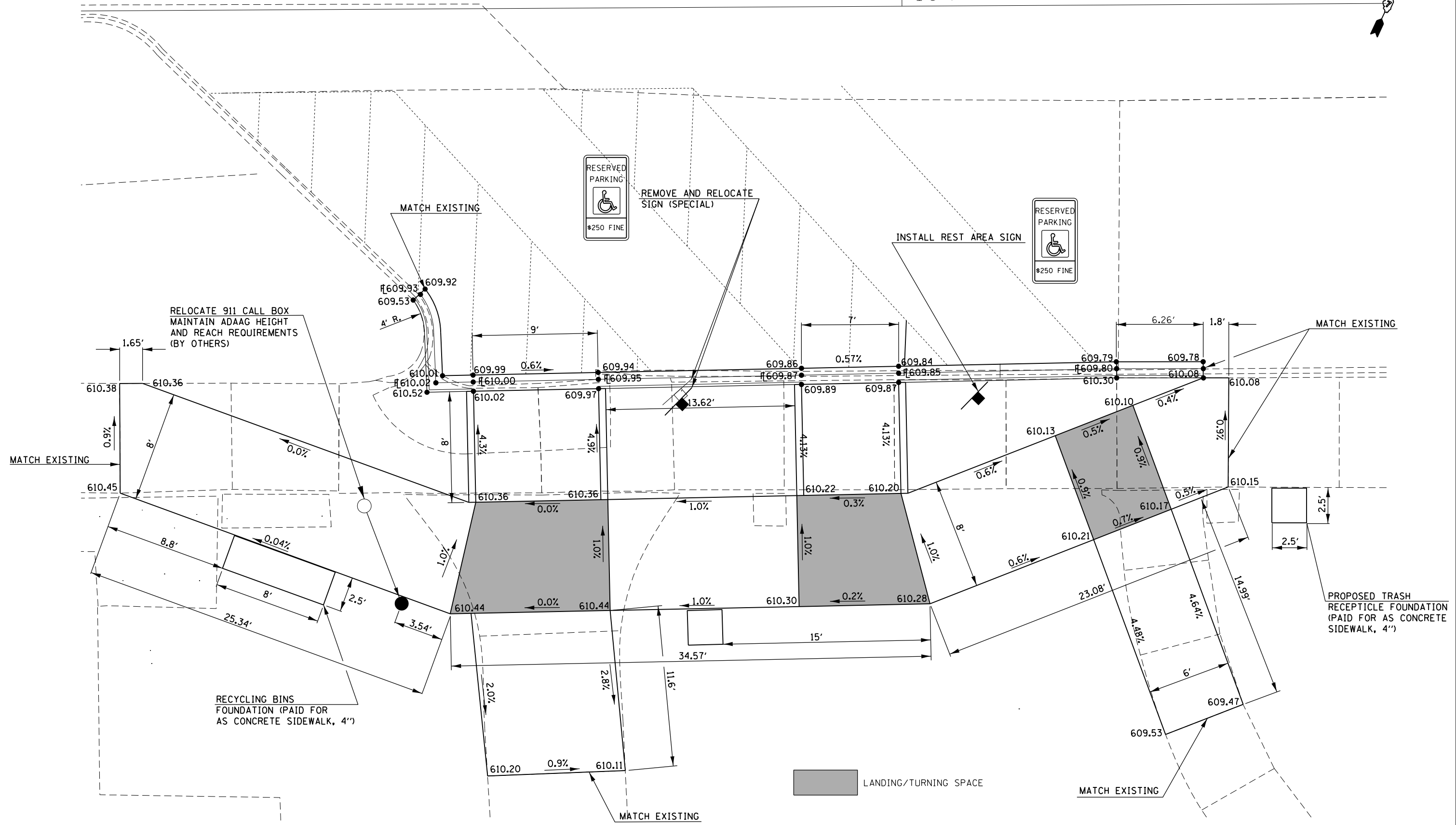
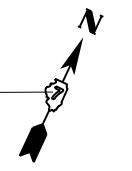
\*7; ELEV. 603.03, STA. 1766+96 RT. CHISELED " " "  
 ON HEADWALL OF 24" PIPE CULVERT, ALSO 44.5'  
 EAST OF LIGHTPOLE #9E AND 32' RT. OF  
 STA. 4+98 (RAMP B)



LANDING/TURNING SPACE

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EB NATIONAL TRAIL REST AREA SIDEWALK PLAN</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74744\Drawings\CAD\Sheets\0774744-sht-plan.dgn		CHECKED -	REVISED -		70	(25-2)RA-1	EFFINGHAM	32	18			
Default	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74744			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 5/11/2016				SCALE: 10	SHEET 6	OF 14 SHEETS	STA.	TO STA.			



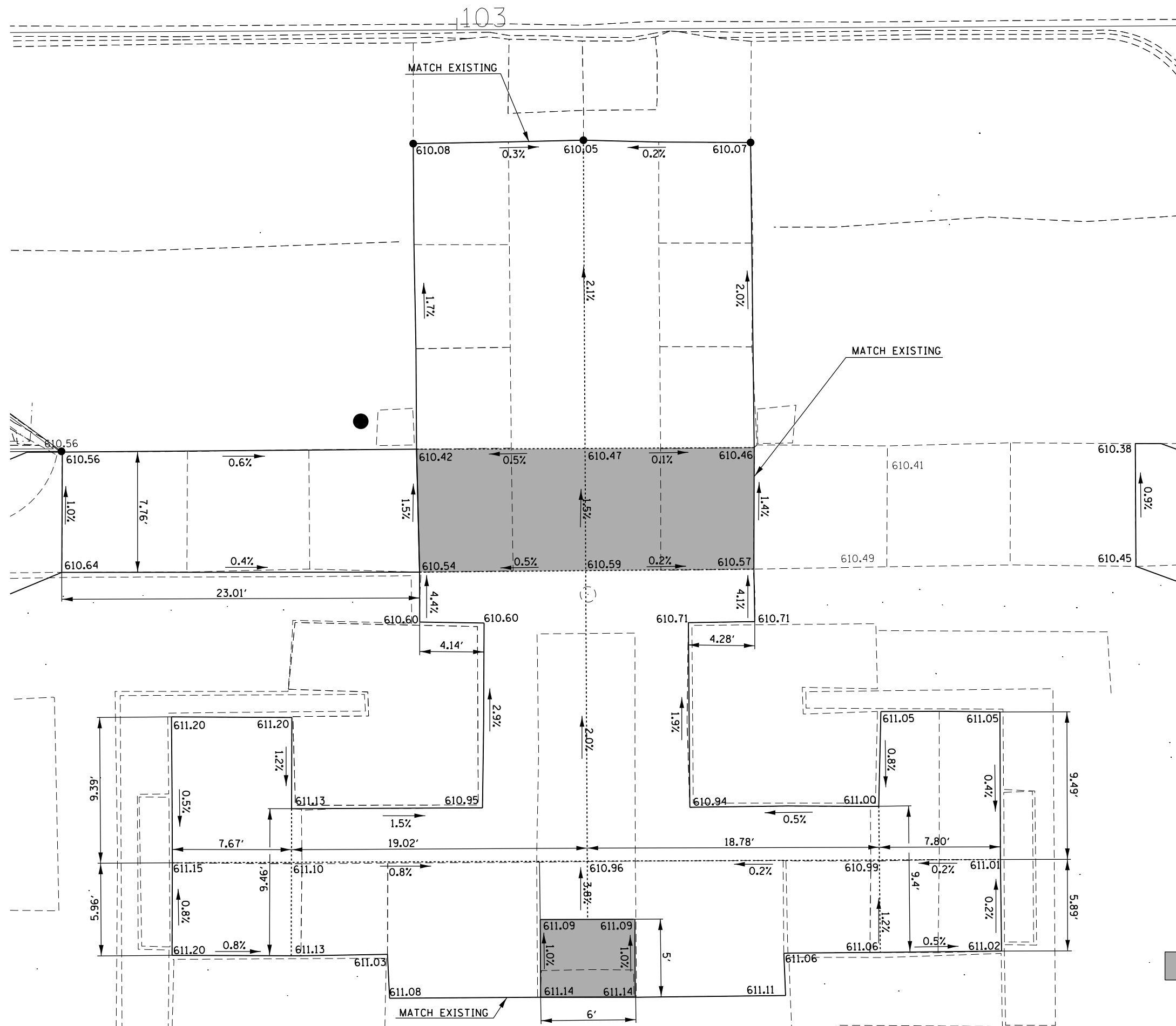


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	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EB NATIONAL TRAIL REST AREA SIDEWALK PLAN</b>			
SCALE: NA	SHEET 8	OF 14 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	20
CONTRACT NO. 74744			ILLINOIS FED. AID PROJECT	



LANDING/TURNING SPACE

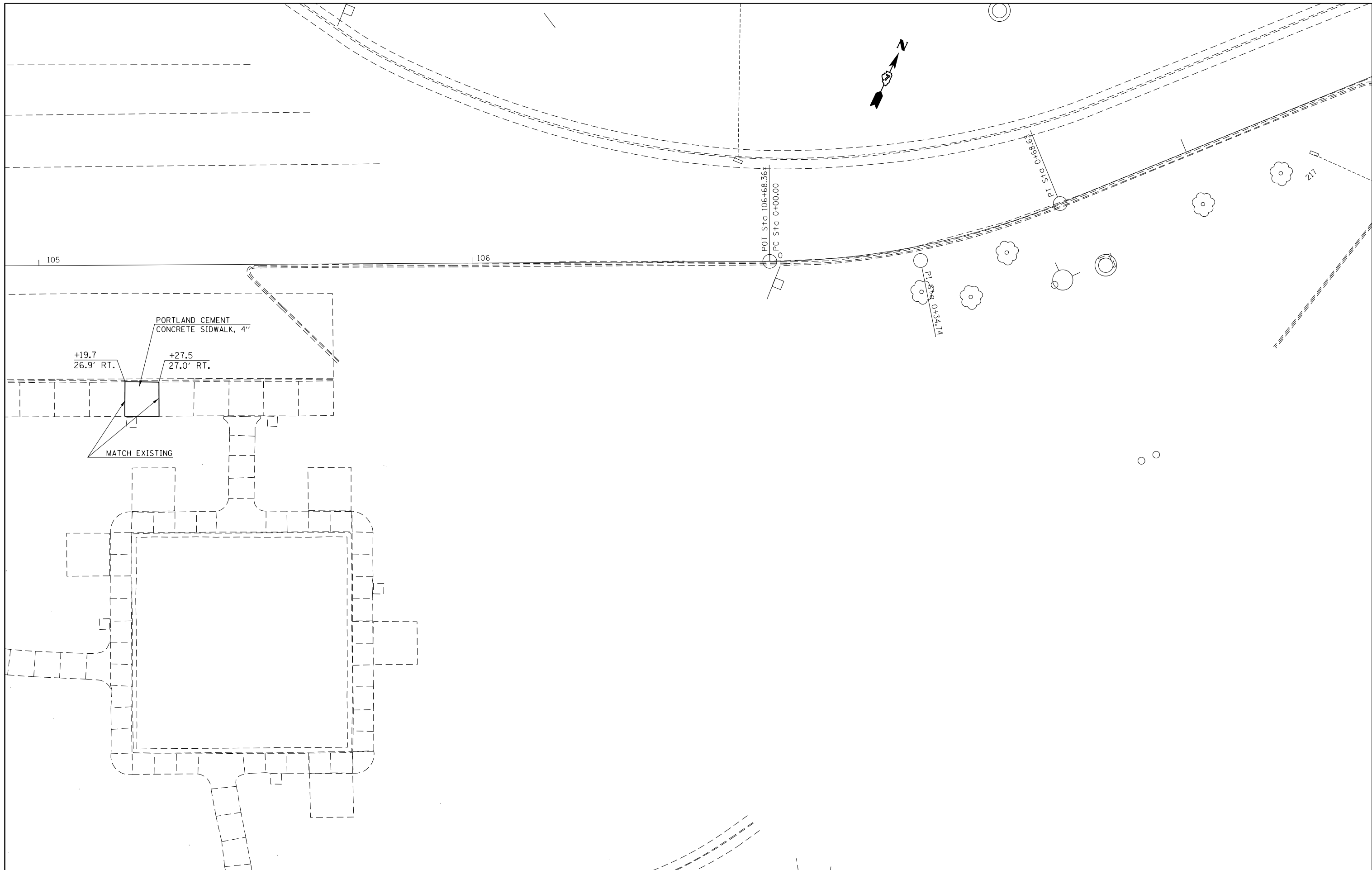
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	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EB NATIONAL TRAIL REST AREA  
SIDEWALK PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	21
				CONTRACT NO. 74744
ILLINOIS FED. AID PROJECT				



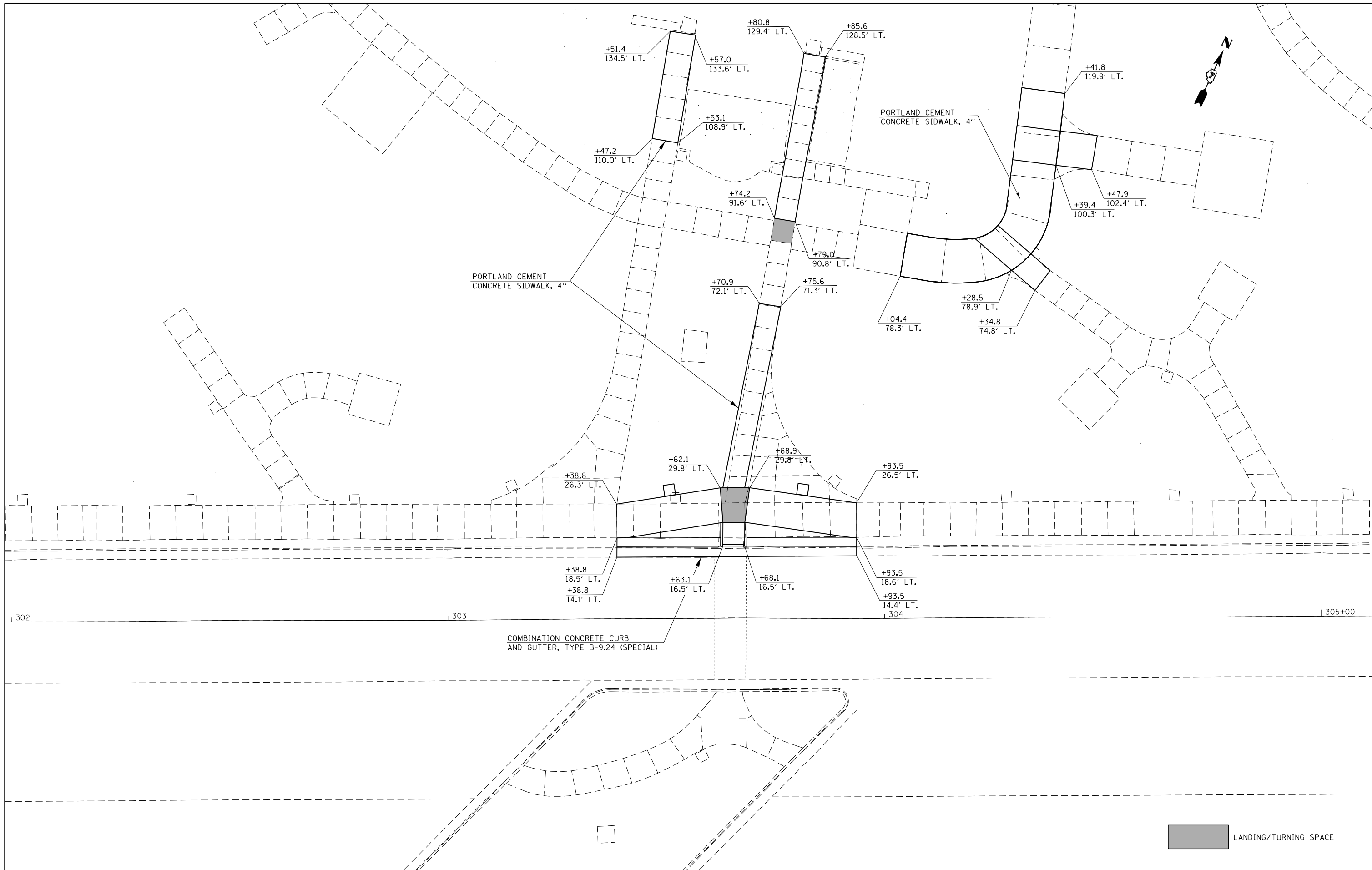
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	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EB NATIONAL TRAIL REST AREA  
SIDEWALK PLAN**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	22
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				

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



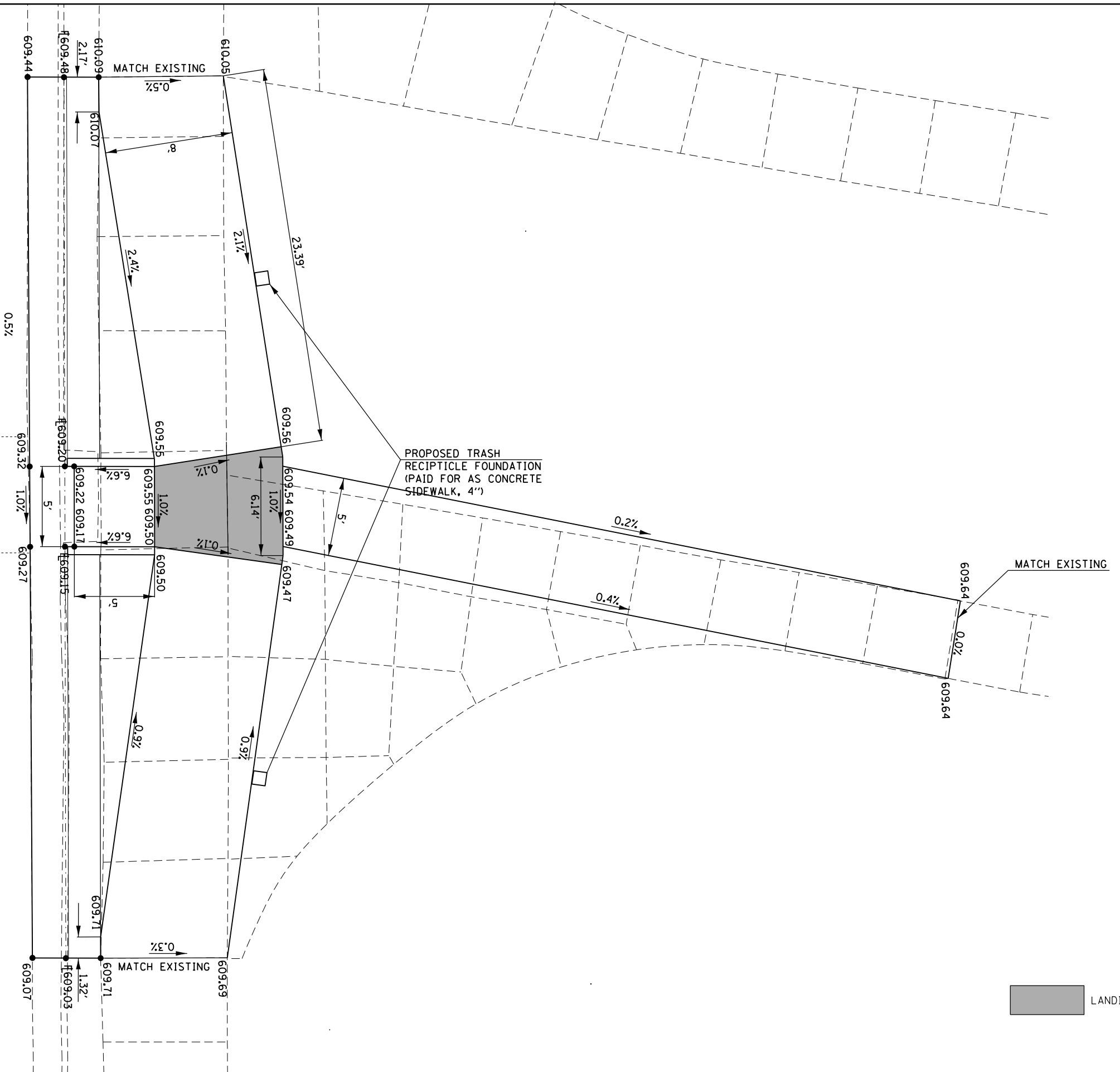
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EB NATIONAL TRAIL REST AREA  
SIDEWALK PLAN**

SCALE: 10 SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	23
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				



PROPOSED TRASH  
RECIPTICLE FOUNDATION  
(PAID FOR AS CONCRETE  
SIDEWALK, 4")

LANDING/TURNING SPACE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

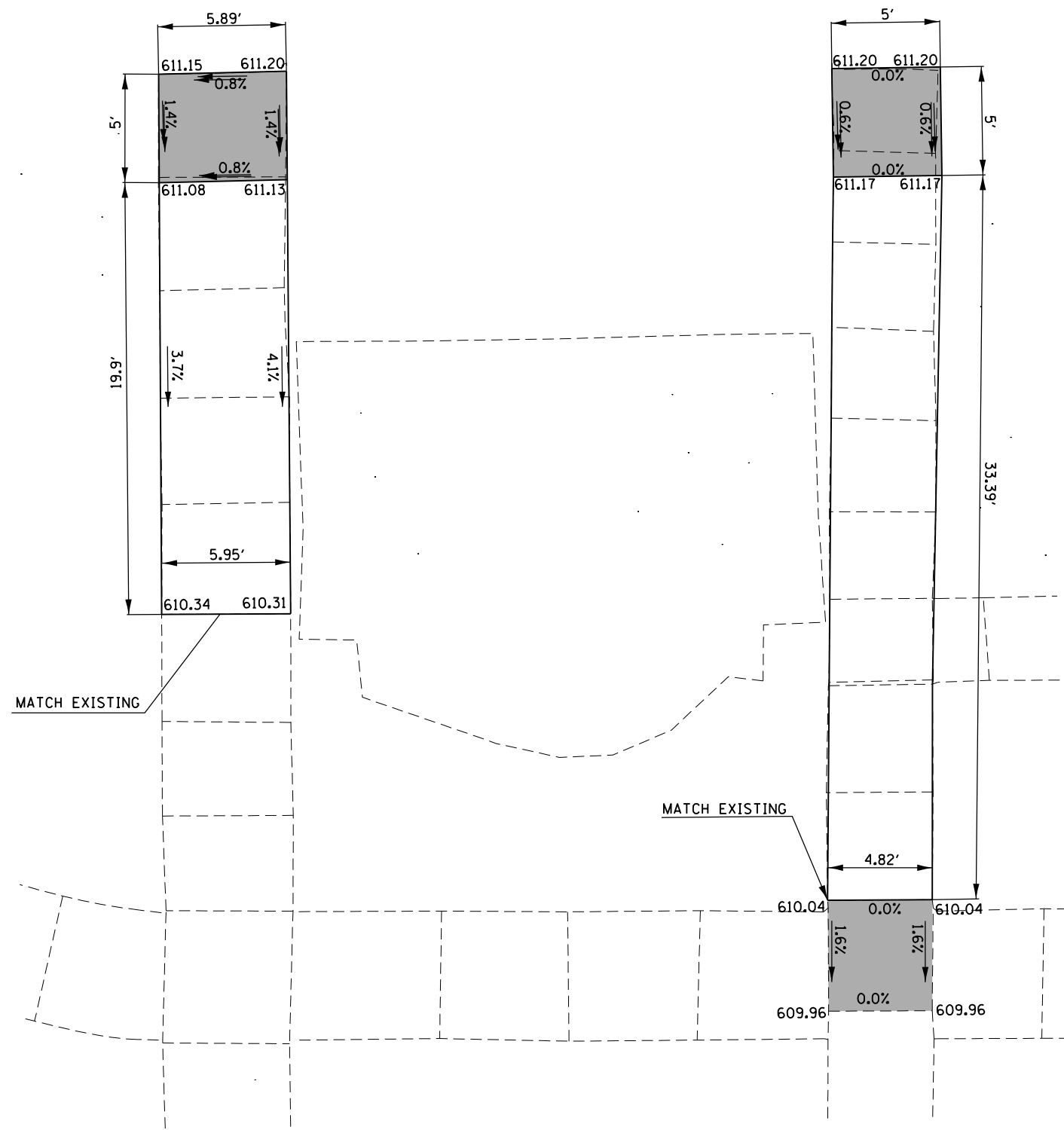
**EB NATIONAL TRAIL REST AREA  
SIDEWALK PLAN**

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	24
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				



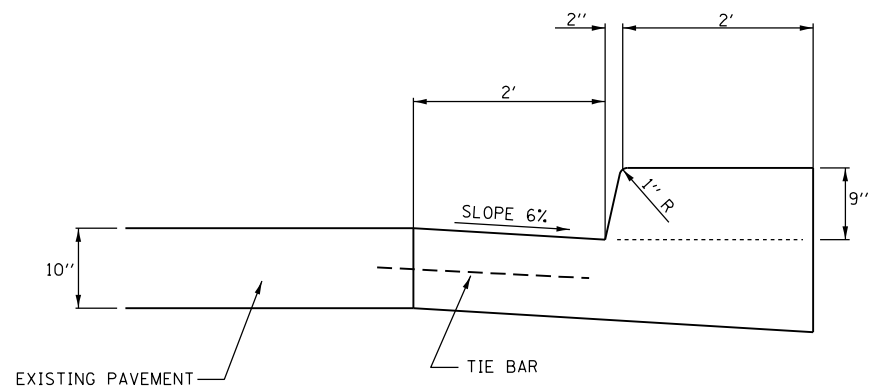




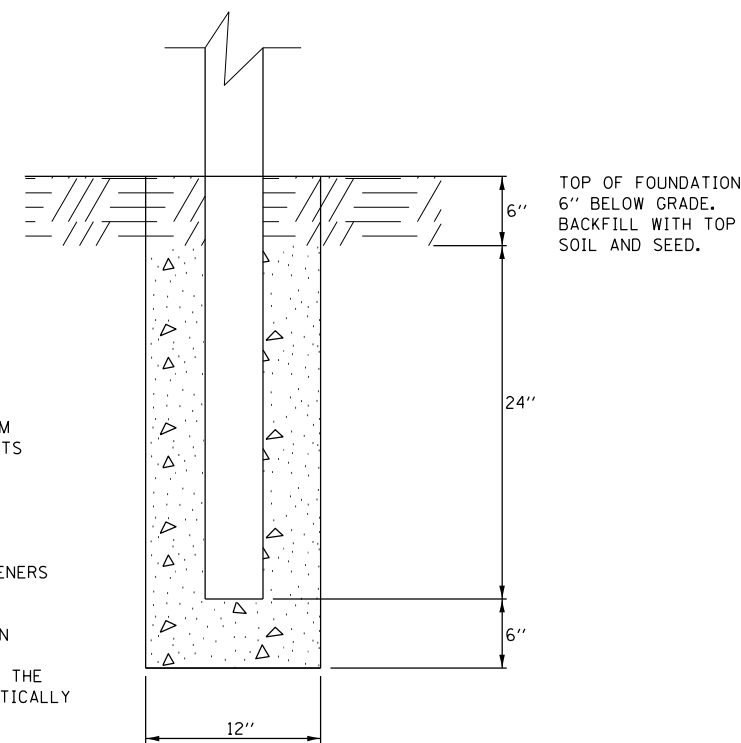
LANDING/TURNING SPACE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EB NATIONAL TRAIL REST AREA SIDEWALK PLAN</b>			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -		SCALE: NA SHEET 14 OF 14 SHEETS STA. TO STA.			CONTRACT NO. 74744				
	PLOT DATE = 5/11/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

COMBINATION CONCRETE CURB AND GUTTER,  
TYPE B-9.24 (SPECIAL)



SIGN POST INSTALLATION  
DIRECT BURIAL IN CONCRETE



NOTES:

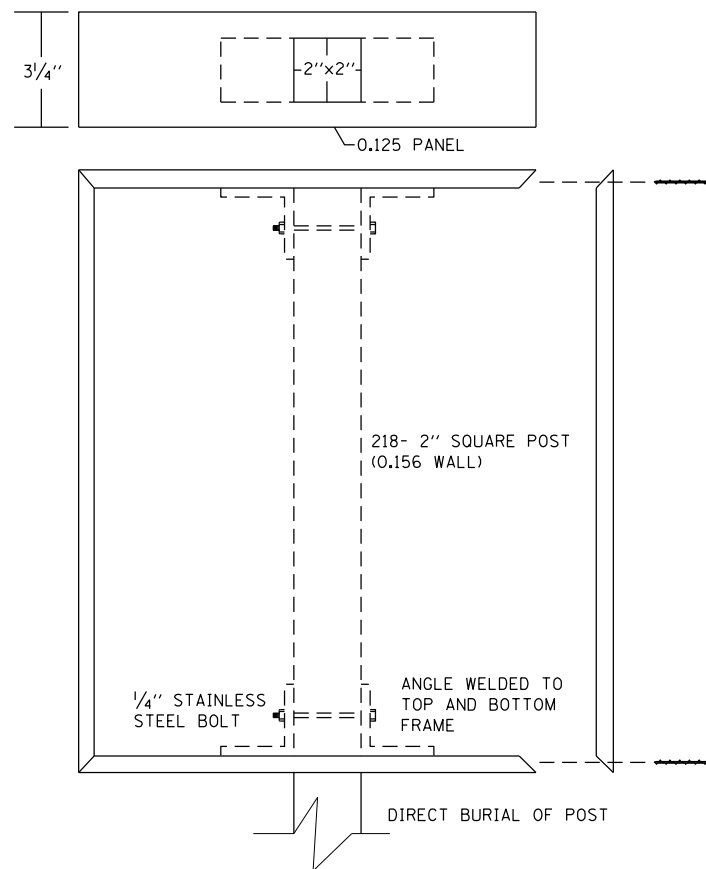
ALL POSTS AND FRAMES SHALL BE MANUFACTURED FROM HEAVEY DUTY 6063 ALLOY ALUMINUM EXTRUSIONS. POSTS SHALL BE TEMPER T6 AND FRAMES TEMPER T5.

ALL EXTRUSIONS SHALL BE PRODUCED TO ALUMINUM ASSOCIATION STANDARDS AND ASTM B221.

ALL HARDWARE SHALL BE STAINLESS STEEL. ALL FASTENERS SHALL BE TAMPER RESISTANT.

FRAMES AND POSTS SHALL BE FINISHED IN DARK BROWN MEETING THE APPROVAL OF THE ENGINEER. COLOR SAMPLES SHALL BE FURNISHED PRIOR TO FABRICATION. THE FINISH IS TO BE ACRYLIC POLYURETHANE, ELECTROSTATICALLY APPLIED TO PRETREATED AND PRIMED SURFACES AND OVEN BAKED.

SINGLE SIGN POST INSTALLATION



NOTES:

ALL POSTS AND FRAMES SHALL BE MANUFACTURED FROM HEAVEY DUTY 6063 ALLOY ALUMINUM EXTRUSIONS. POSTS SHALL BE TEMPER T6 AND FRAMES TEMPER T5.

ALL EXTRUSIONS SHALL BE PRODUCED TO ALUMINUM ASSOCIATION STANDARDS AND ASTM B221.

ALL HARDWARE SHALL BE STAINLESS STEEL. ALL FASTENERS SHALL BE TAMPER RESISTANT.

FRAMES AND POSTS SHALL BE FINISHED IN DARK BROWN MEETING THE APPROVAL OF THE ENGINEER. COLOR SAMPLES SHALL BE FURNISHED PRIOR TO FABRICATION. THE FINISH IS TO BE ACRYLIC POLYURETHANE, ELECTROSTATICALLY APPLIED TO PRETREATED AND PRIMED SURFACES AND OVEN BAKED.

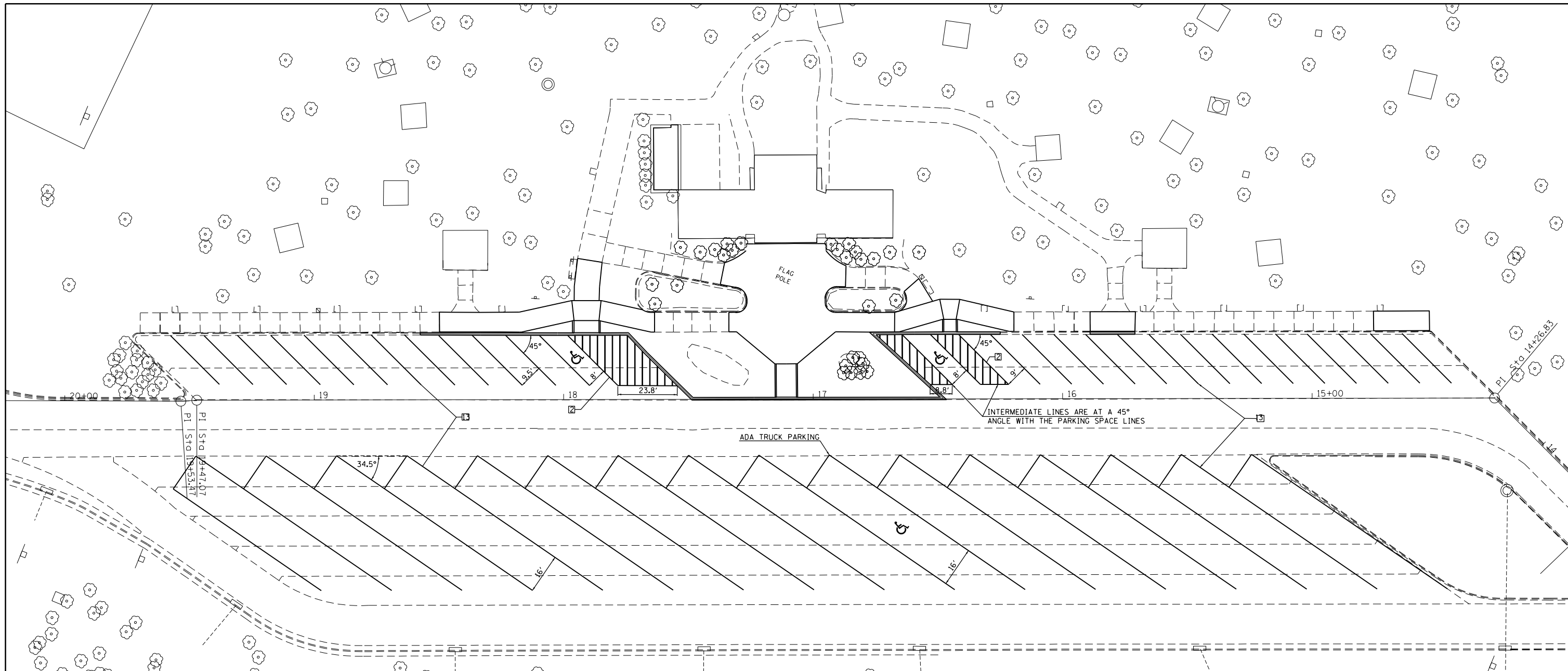
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Default	PLOT DATE = 5/11/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	27
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

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

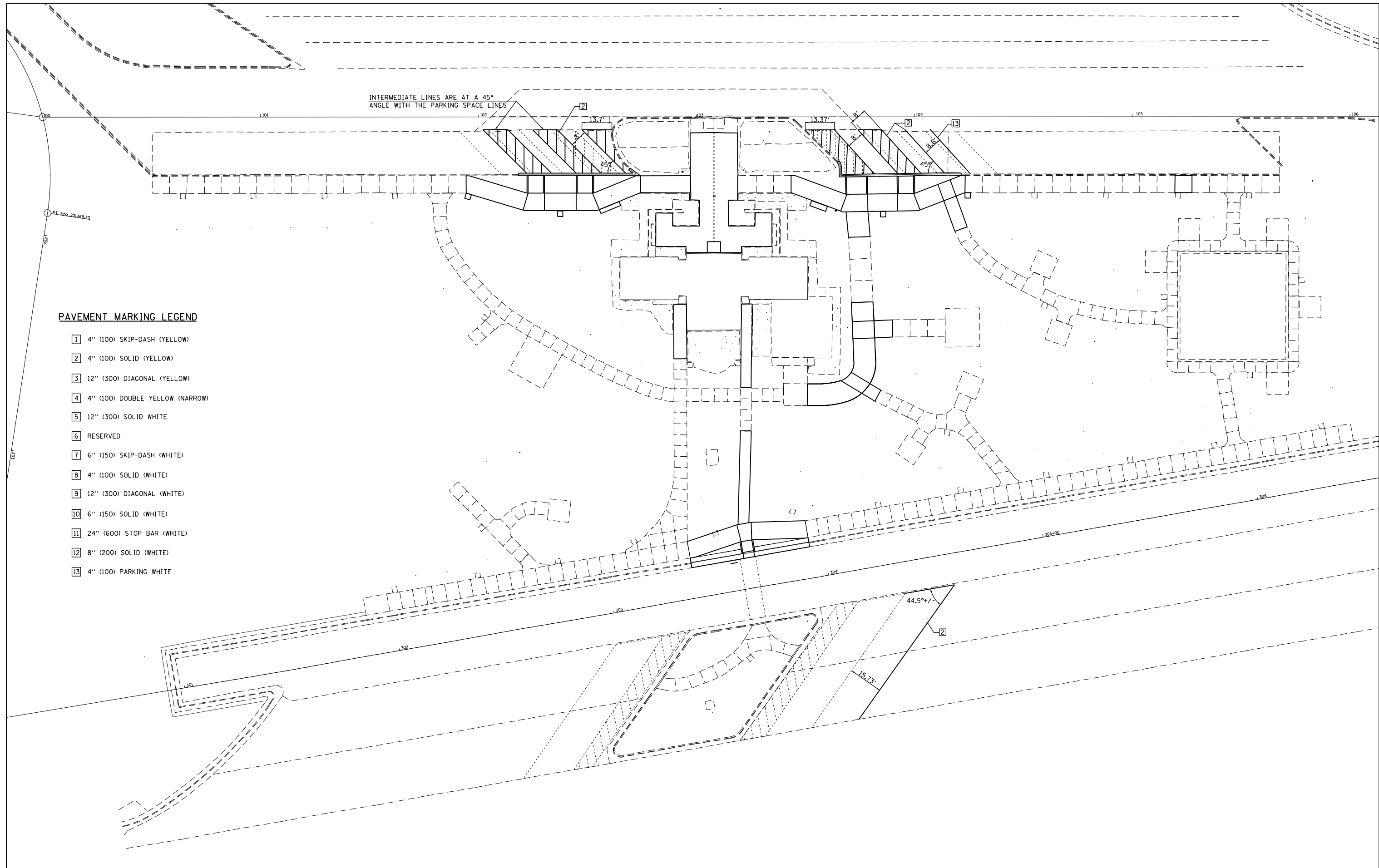
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WB NATIONAL TRAIL REST AREA  
PAVEMENT MARKING PLAN**

SCALE: 20 SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	28
			CONTRACT NO. 74744	
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

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

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

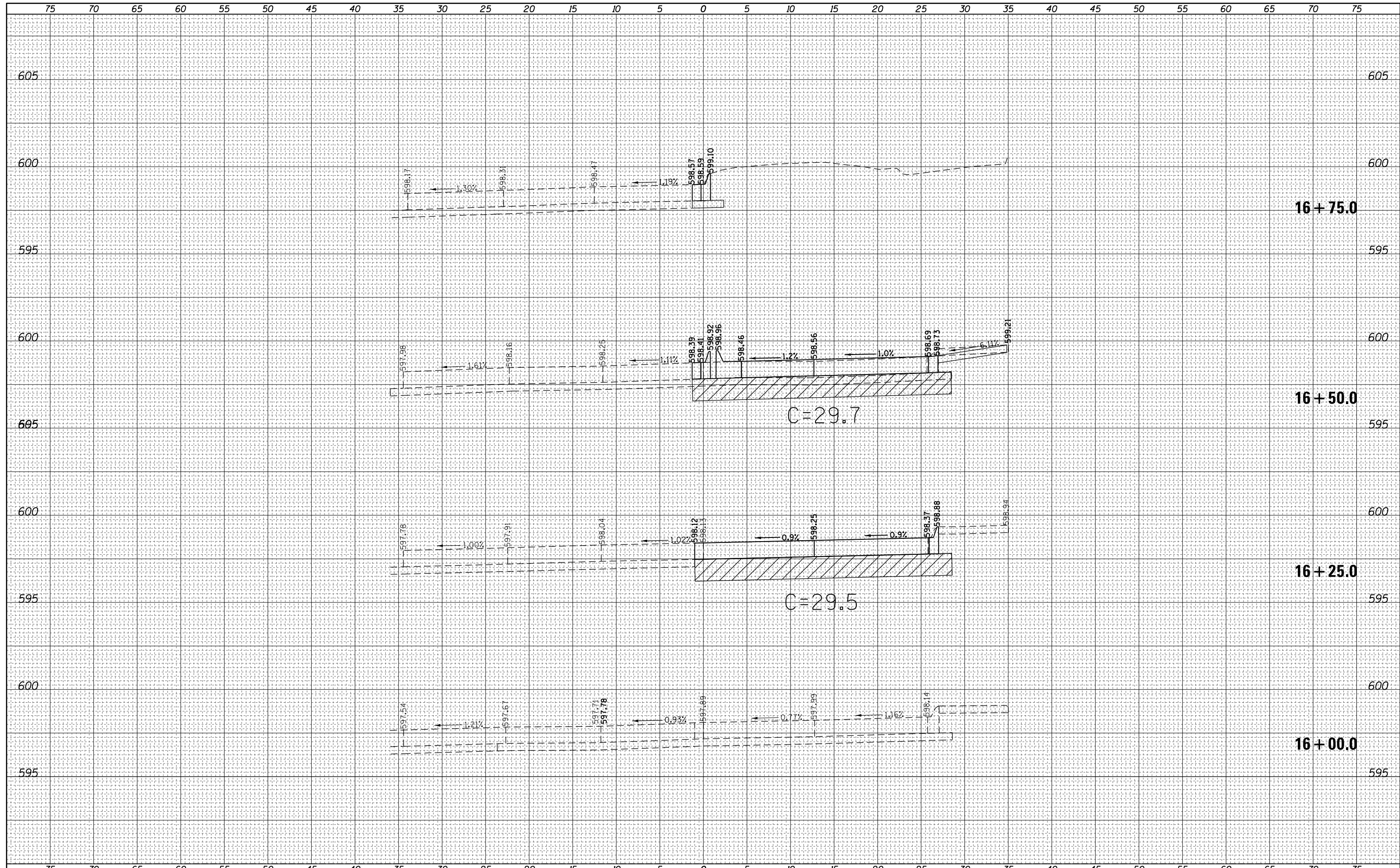
**EB NATIONAL TRAIL REST AREA  
PAVEMENT MARKING PLAN**

SCALE: 20 SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-2)RA-1	EFFINGHAM	32	29
CONTRACT NO. 74744				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>WB NATIONAL TRAILS REST AREA</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.		DATE -	REVISIED -		CONTRACT NO. 74744						
Default					SCALE: 5H:2.5V	SHEET 1 OF 3 SHEETS	STA. 16+00.0 TO STA. 16+75.0	ILLINOIS FED. AID PROJECT			



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

