

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

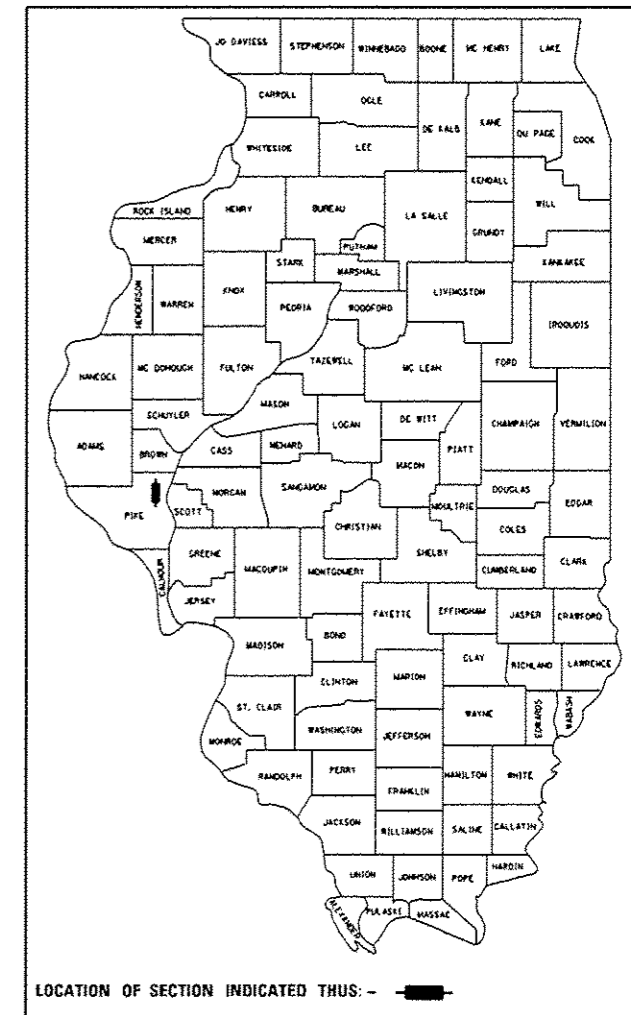
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 321 (US 54 /IL 107)
SECTION (107)RS-8, I-3
PROJECT ACNHPP-0321 (016)
RESURFACING (3P) & INTERSECTION IMPROVEMENT
PIKE COUNTY

C-96-084-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107)RS-8, I-3	PIKE	TO	1
		ILLINOIS	CONTRACT NO. 72C89	

D-96-084-09



CRS = 4.2 (2013)
ADT = 4450 (2013)
SU% = 375 (8.4%)
MU% = 525 (11.8%)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 16, 2015
Roger L. Dinkell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 4, 2015
Dan D. Karanzoli
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 4, 2015
Cher Oaman
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

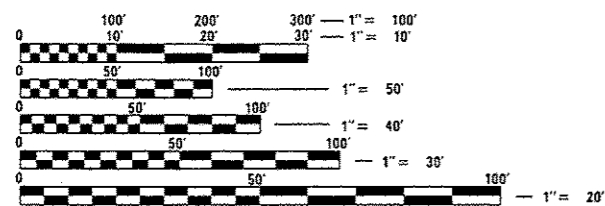
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HIGHWAY STANDARDS

000001-06	701306-03
280001-07	701311-03
630001-10	701326-04
630101-09	701336-06
631031-13	701456-03
635006-03	701901-04
635011-02	780001-05
701201-04	781001-03
701301-04	B.L.R. 22-7

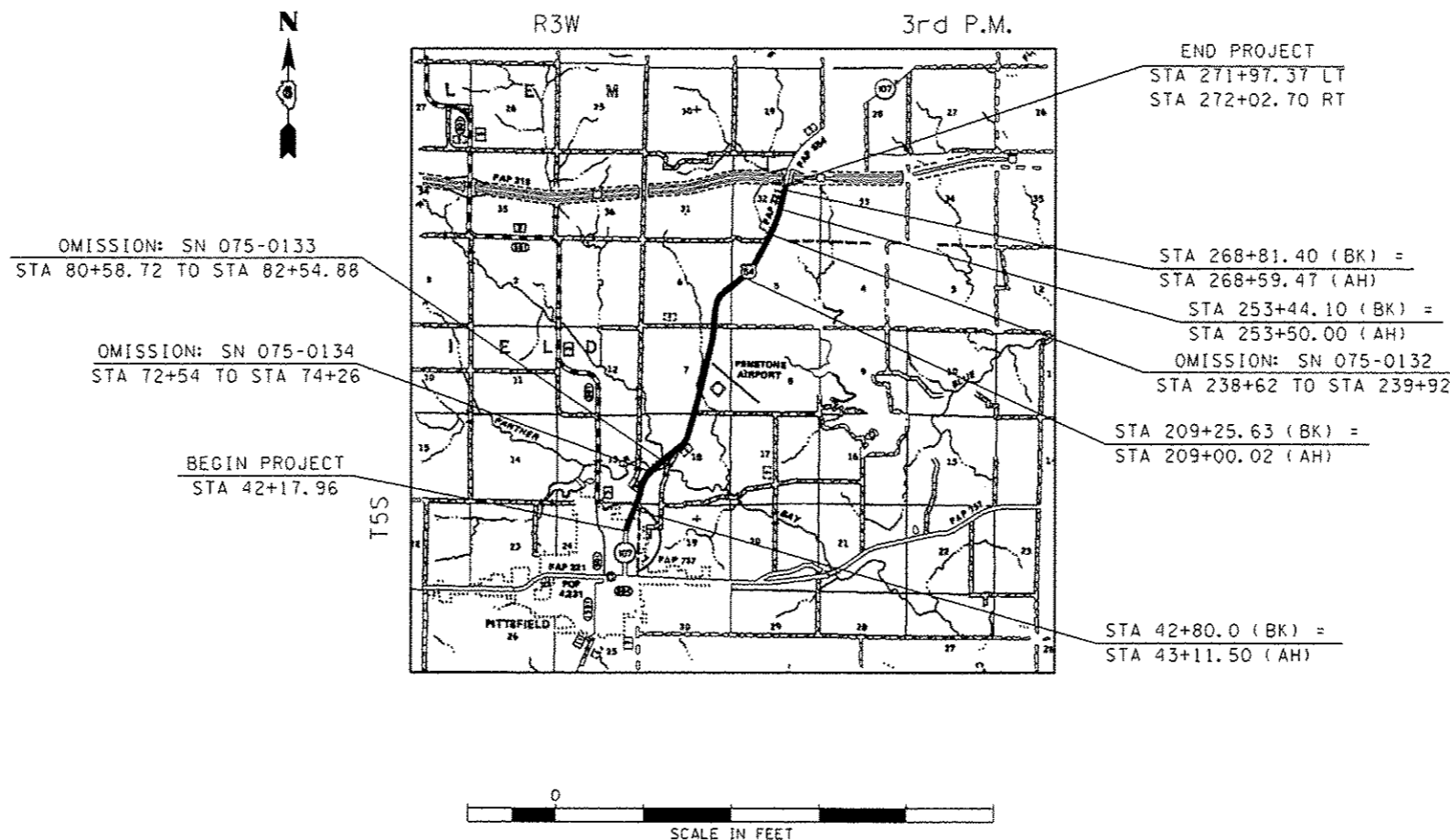


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: KEITH DONOVAN (217) 782-4761
PROJECT MANAGER: GARY TURNER (217) 524-7940

CONTRACT NO. 72C89



PROJECT ENGINEER: KEITH DONOVAN (217) 782-4761
PROJECT MANAGER: GARY TURNER (217) 524-7940

CONTRACT NO. 72C89

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS#
				6-00538-0000 6-00442-0000 80% FED 20% STATE ROADWAY 0005
28000400	PERIMETER EROSION BARRIER	FOOT	925	925
28000500	INLET AND PIPE PROTECTION	EACH	1	1
28100107	STONE RIPRAP, CLASS A4	SQ YD	67	67
28200200	FILTER FABRIC	SQ YD	67	67
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	1209	1209
35501302	HOT-MIX ASPHALT BASE COURSE, 4 1/2"	SQ YD	496	496
35501327	HOT-MIX ASPHALT BASE COURSE, 10 3/4"	SQ YD	713	713
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	68575	68575
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	3090	3090
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	629	629
40600990	TEMPORARY RAMP	SQ YD	578	578
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6180	6180
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	200	200
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	19819	19819

PPS#
6-00538-0000
6-00442-0000
80% FED
20% STATE
ROADWAY
0005

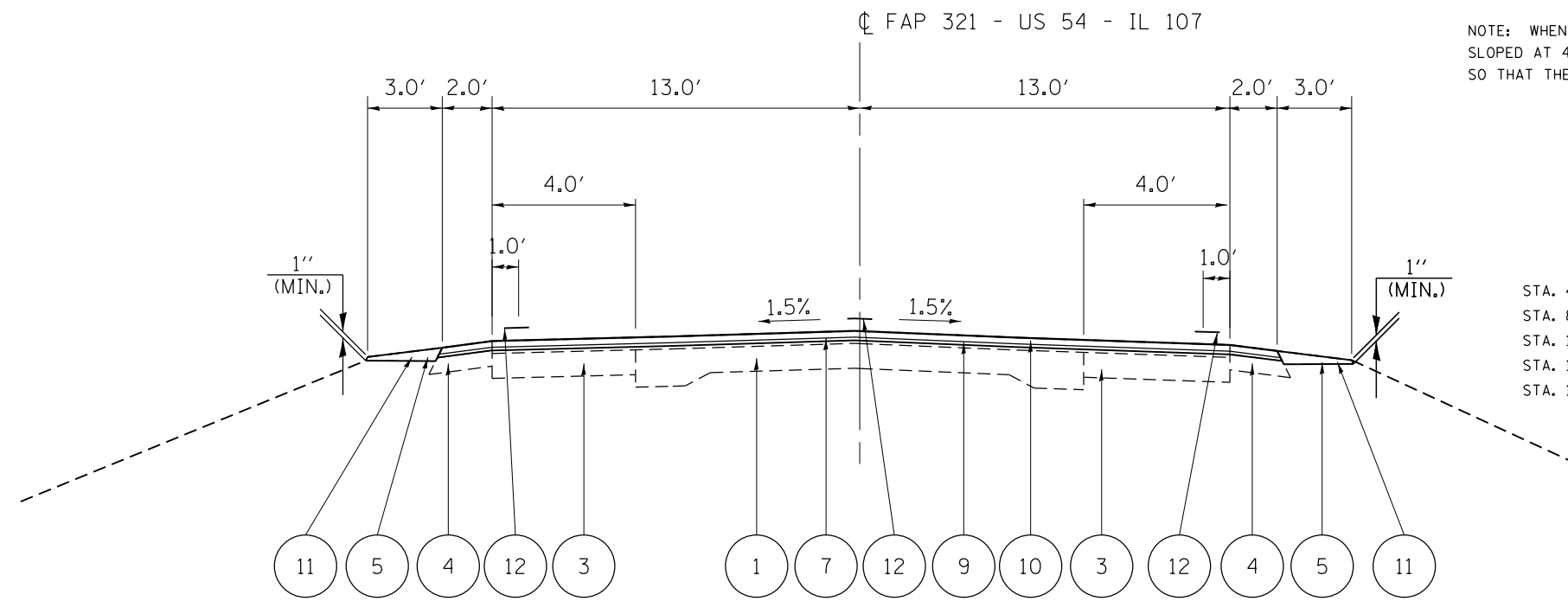
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
44004250	PAVED SHOULDER REMOVAL	SO YD	770	770
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SO YD	226	226
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SO YD	211	211
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SO YD	166	166
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1754	1754
48203006	HOT-MIX ASPHALT SHOULDERS, 2 1/4"	SO YD	5719	5719
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SO YD	2791	2791
50105220	PIPE CULVERT REMOVAL	FOOT	50	50
54215547	METAL END SECTIONS 12"	EACH	2	2
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	40	40
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	20	20
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	70	70
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1
60103500	PIPE DRAINS, CORRUGATED STEEL 12"	FOOT	40	40

PPS#
6-00538-0000
6-00442-0000
80% FED
20% STATE
ROADWAY
0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS#
60107600	PIPE UNDERDRAINS 4"	FOOT	524	524
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	19	19
* 63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	2973	2973
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	27	27
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	12	12
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	16	16
63200310	GUARDRAIL REMOVAL	FOOT	3381	3381
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1

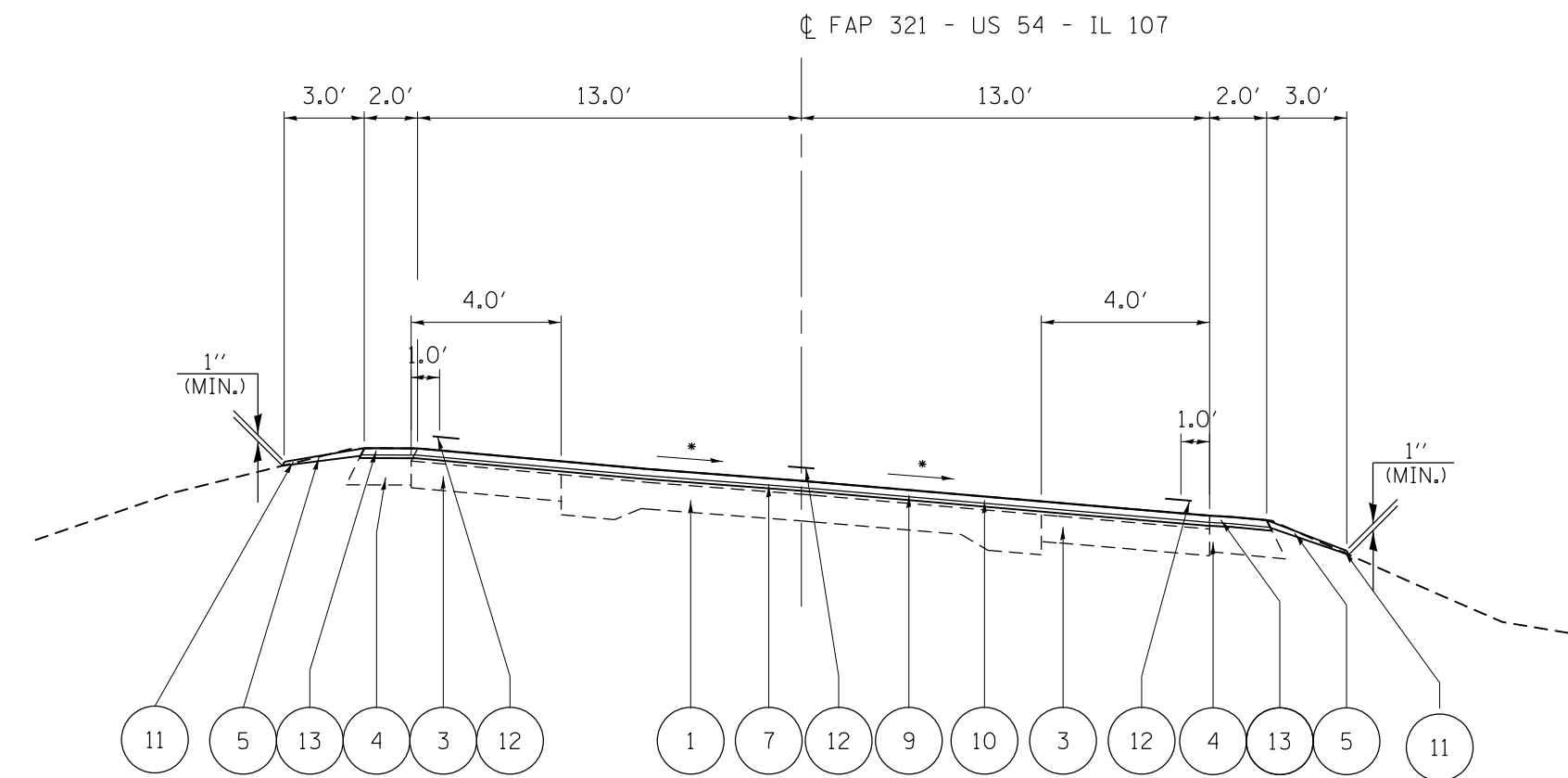
* SPECIALTY ITEM

NOTE: WHEN THE SUPERELEVATION RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE SLOPED AT 4.0%. WHEN THE SUPERELEVATION RATE OF PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.



FAP 321/ US 54/ IL 107

STA. 42+50.11 - 57+00.11	STA. 189+70.11 - 214+48.52
STA. 85+60.11 - 87+78.09	STA. 232+36.51 - 238+87.49
STA. 102+63.10 - 152+67.10 RIGHT	STA. 238+87.49 - 240+19.52 (BLUE CREEK BRIDGE OMISSION)
STA. 102+75.10 - 152+67.09 LEFT	STA. 240+19.52 - 243+90.51
STA. 163+16.11 - 180+20.08	STA. 251+38.51 - 254+76.50



LEGEND

- ① EXISTING PCC PAVEMENT (9-6-9)
- ② EXISTING HMA SURFACE COURSE
- ③ EXISTING PCC BASE COURSE WIDENING (9")
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER,
- ⑥ EXISTING CONCRETE GUTTER
- ⑦ PROPOSED HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑧ PROPOSED HMA SURFACE REMOVAL (2.25")
- ⑨ PROPOSED LEVELING BINDER (0.75")
- ⑩ PROPOSED HMA SURFACE COURSE (1.50")
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TY B
- ⑫ PROPOSED POLYUREA PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED HMA SHOULDER

FAP 321/ US 54/ IL 107

STA. 57+00.11 - 70+02.11 • - S.E. = 4.5% RIGHT
 STA. 152+67.09 - 163+16.11 • - S.E. = 3.8% LEFT
 STA. 180+20.08 - 189+70.11 • - S.E. = 7.0% RIGHT

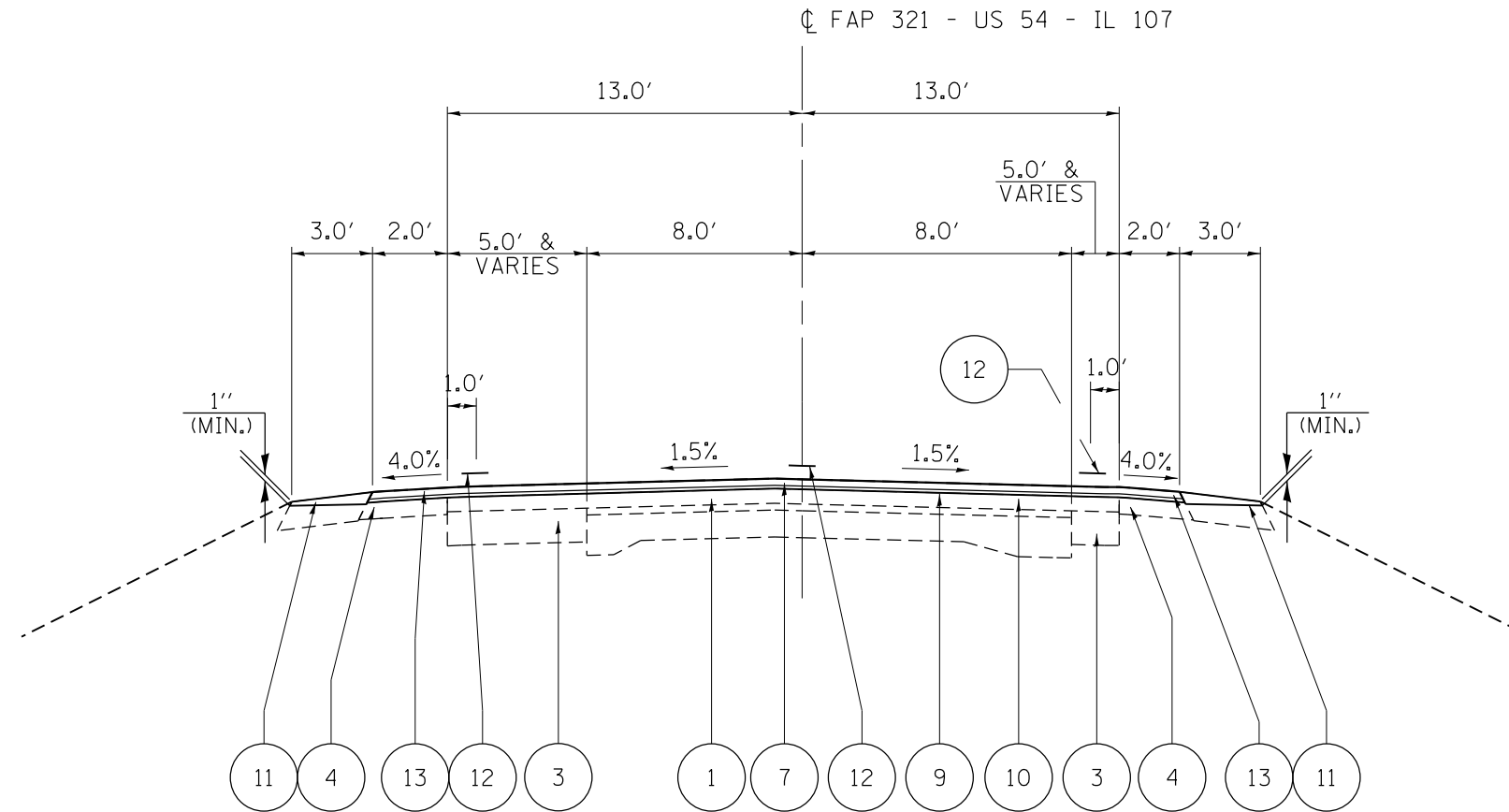
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF 63 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	9
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				



• EXISTING GUARDRAIL
 STA. 70+87.35 - 76+29.60, LT.
 STA. 79+30.33 - 85+09.51, LT.

FAP 321/ US 54/ IL 107

STA. 70+02.11 - 72+45.52
 STA. 72+45.52 - 74+34.72 (PANTHER CREEK BRIDGE OMISSION)
 STA. 74+34.72 - 80+50.21
 STA. 80+50.21 - 82+63.30 (BAY CREEK BRIDGE OMISSION)
 STA. 82+63.30 - 85+60.12

• EXISTING GUARDRAIL
 STA. 70+51.27 - 75+93.97, RT.
 STA. 78+28.95 - 83+58.05, RT.

LEGEND

- ① EXISTING PCC PAVEMENT (9-6-9)
- ② EXISTING HMA SURFACE COURSE
- ③ EXISTING PCC BASE COURSE WIDENING (9")
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER,
- ⑥ EXISTING CONCRETE GUTTER
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- ⑫ PROPOSED POLYUREA PAVEMENT MARKING - LINE 5"
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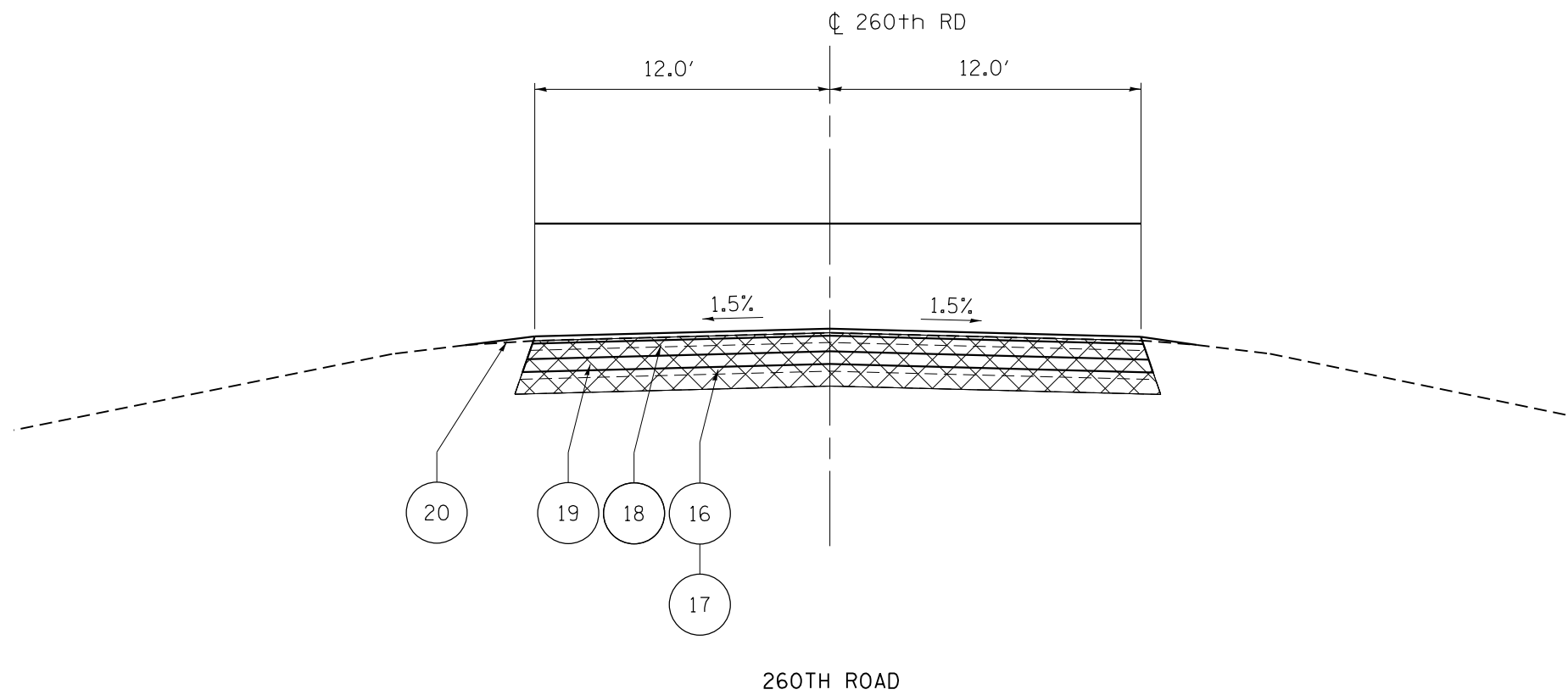
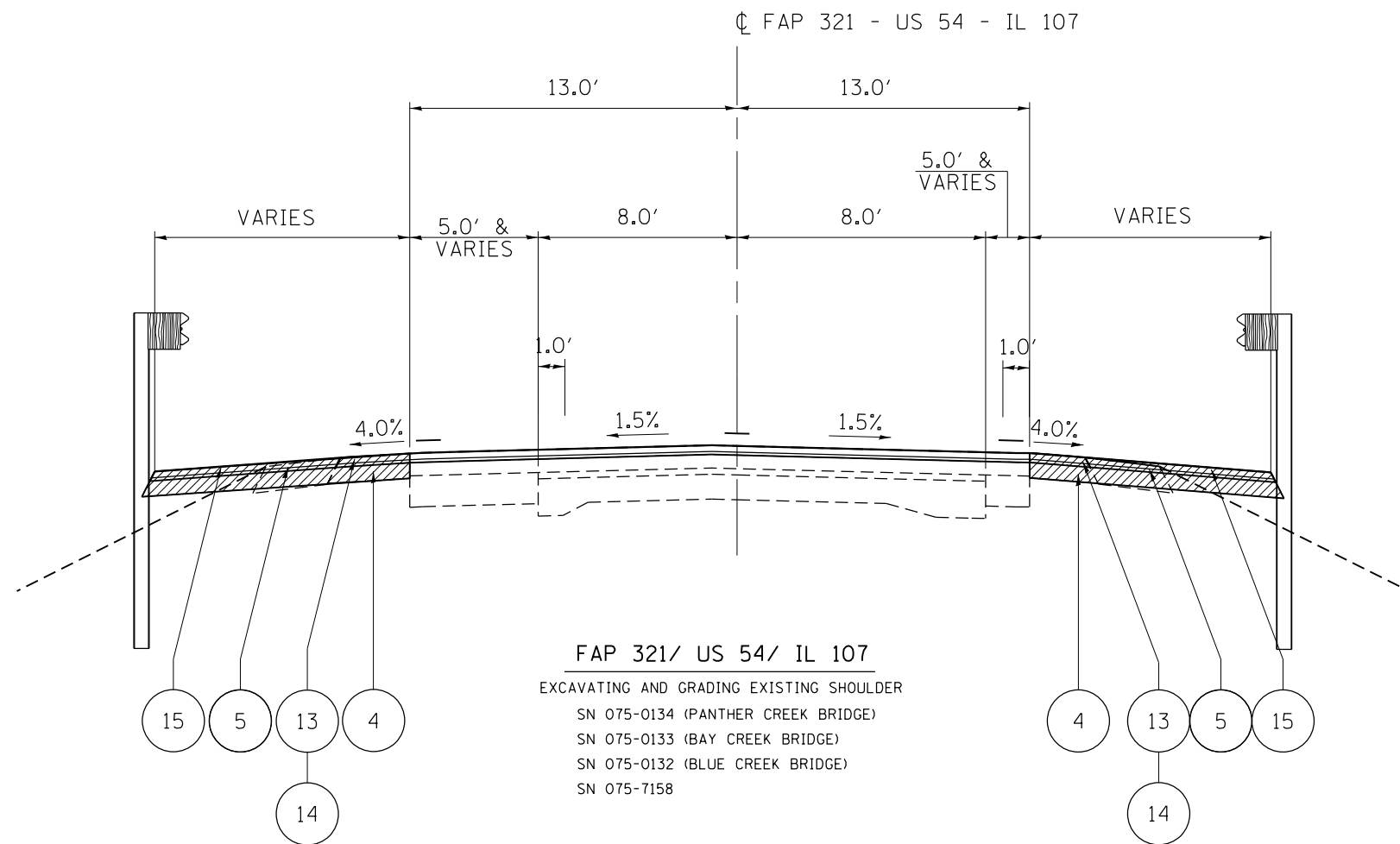
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	10
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① EXISTING PCC PAVEMENT (9-6-9)
- ② EXISTING HMA SURFACE COURSE
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- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TY B
- ⑫ PROPOSED POLYUREA PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED HMA SHOULDER
- ⑭ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- ⑮ PROPOSED HMA SHOULDER 6 1/2"
- ⑯ EXISTING 260TH ROAD PAVEMENT
- ⑰ PROPOSED PAVEMENT REMOVAL
- ⑱ PROPOSED HMA BASE COURSE - 4 1/2"
- ⑲ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE "A" - 4"
- ⑳ PROPOSED EMBANKMENT

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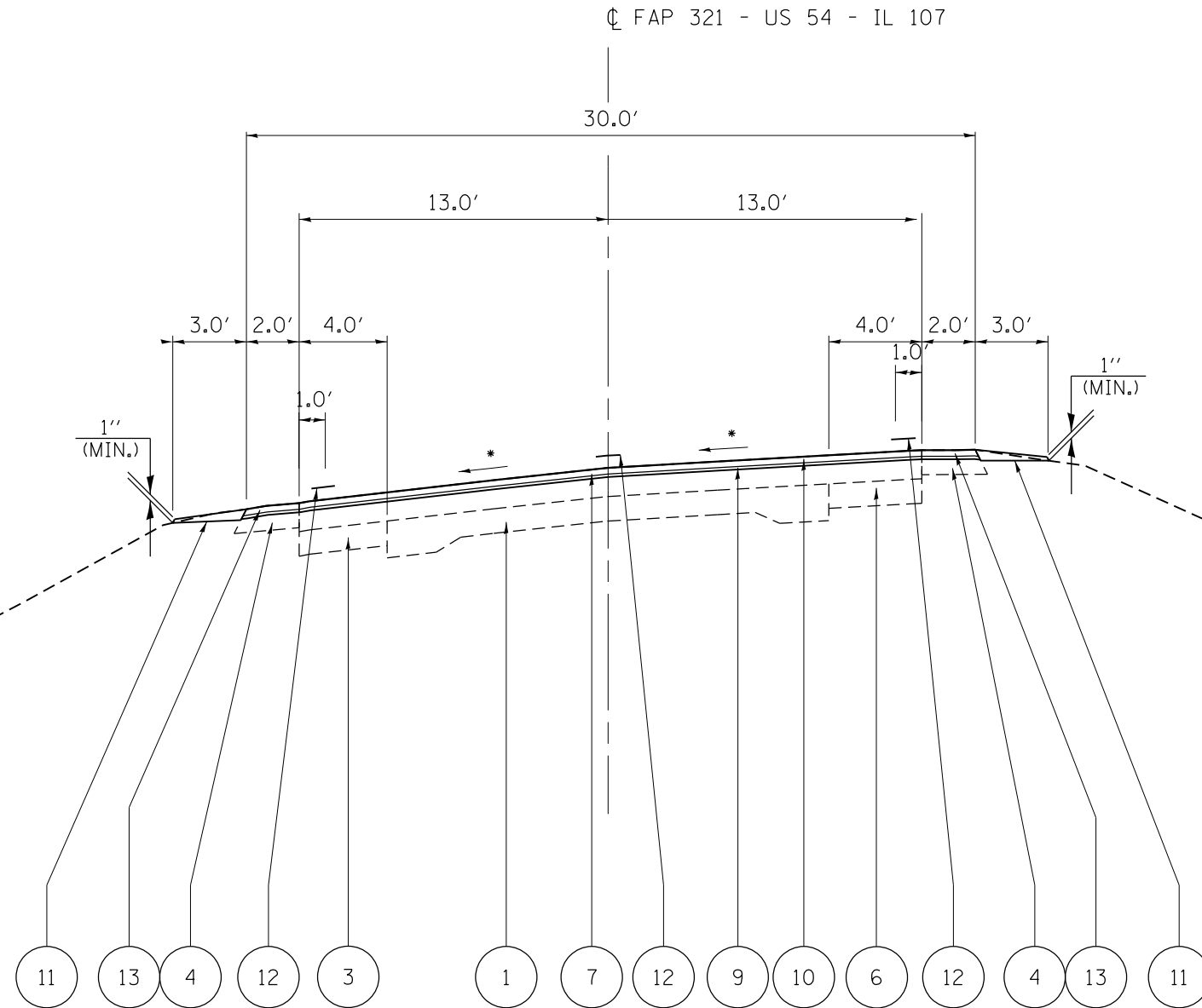
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	11
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				

NOTE: WHEN THE SUPERELEVATION RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE SLOPED AT 4.0%. WHEN THE SUPERELEVATION RATE OF PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.



LEGEND

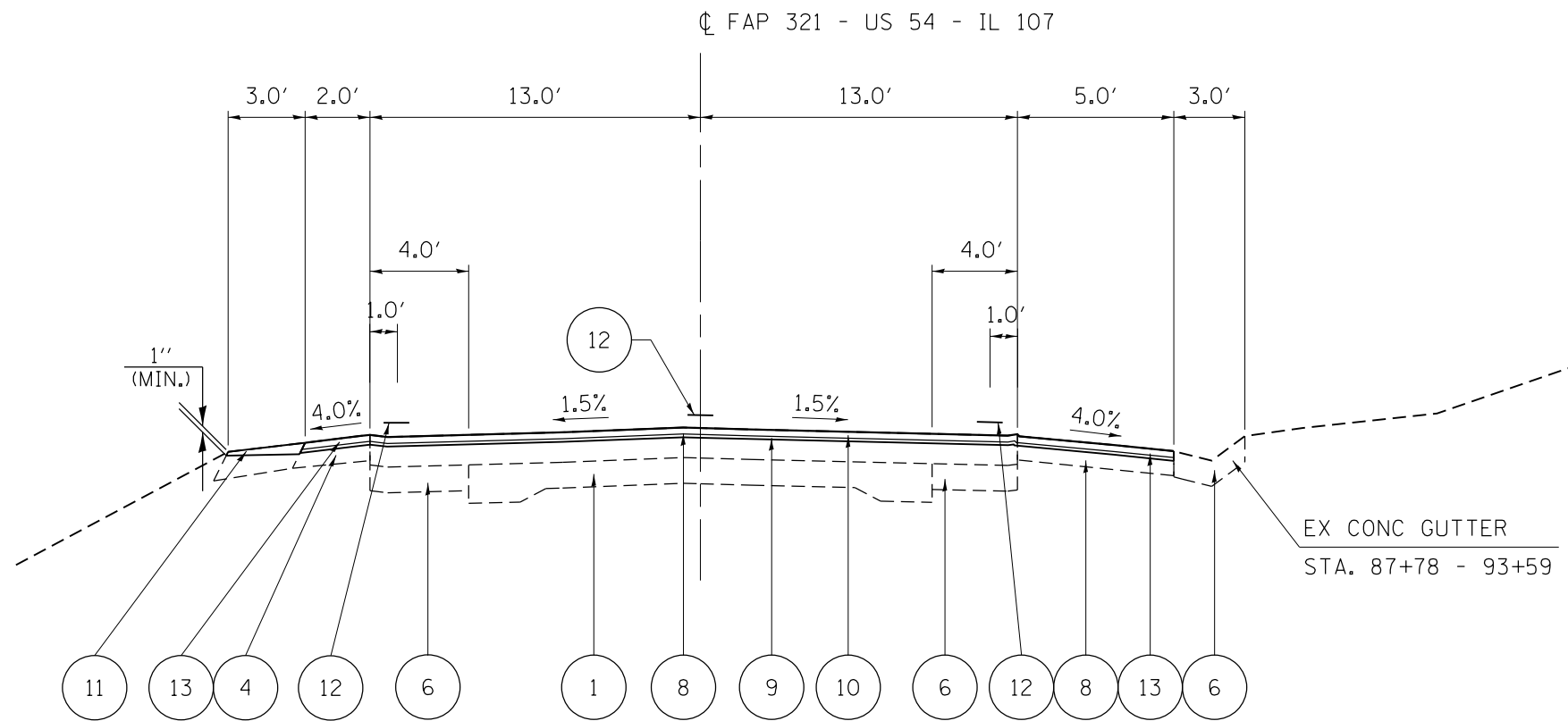
- ① EXISTING PCC PAVEMENT (9-6-9)
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- ⑫ PROPOSED POLYUREA PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED HMA SHOULDER

FAP 321/ US 54/ IL 107

STA. 93+26.69 - 102+63.10, RIGHT, * - S.E. VARIES
 STA. 93+26.09 - 102+75.10, LEFT, * - S.E. VARIES
 STA. 214+48.52 - 219+64.50, * - S.E. = 4.6%

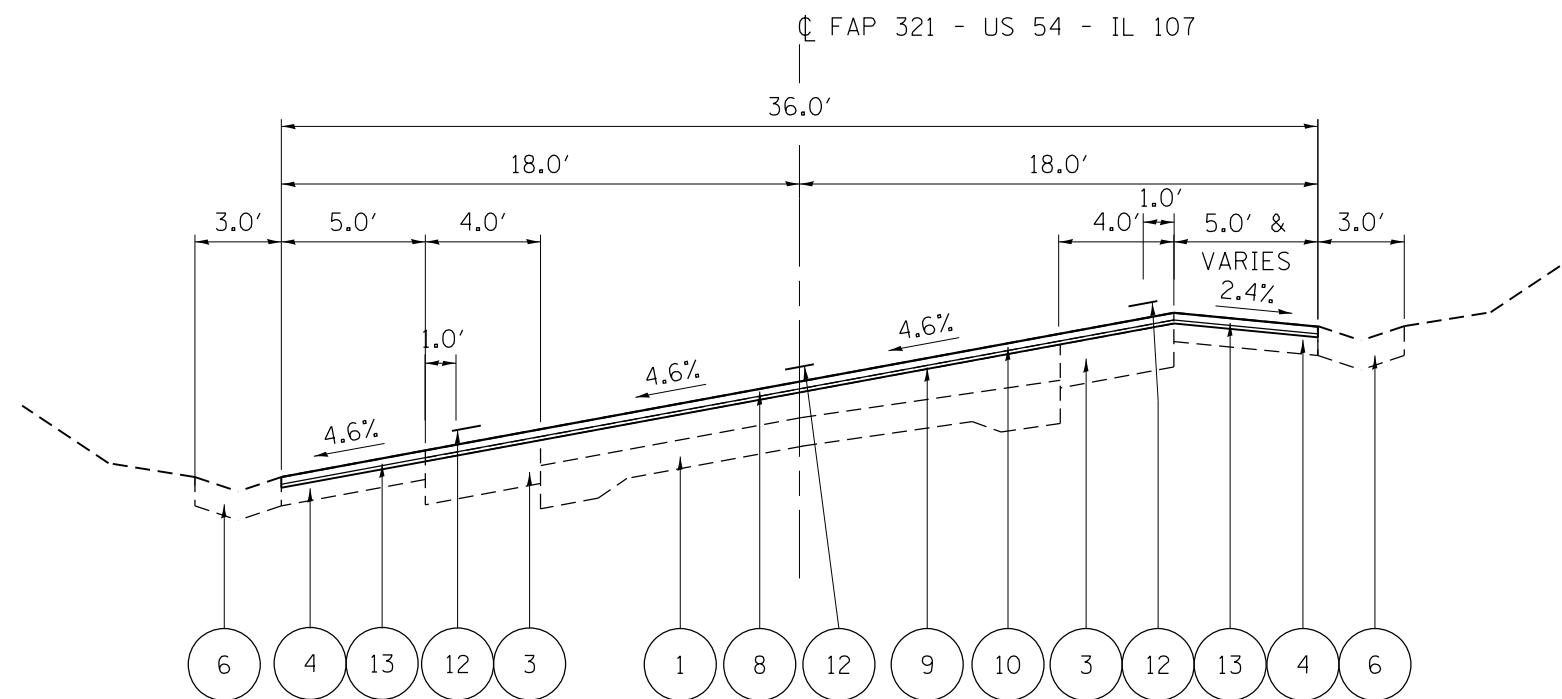
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	PLOT DATE = 10/16/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

NOTE: WHEN THE SUPERELEVATION RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE SLOPED AT 4.0%. WHEN THE SUPERELEVATION RATE OF PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.



FAP 321/ US 54/ IL 107

STA. 87+78.09 - 93+26.09



FAP 321/ US 54/ IL 107

STA. 227+50.52 - 232+36.51

LEGEND

- ① EXISTING PCC PAVEMENT (9'-6"-9')
- ② EXISTING HMA SURFACE COURSE
- ③ EXISTING PCC BASE COURSE WIDENING (9')
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER,
- ⑥ EXISTING CONCRETE GUTTER
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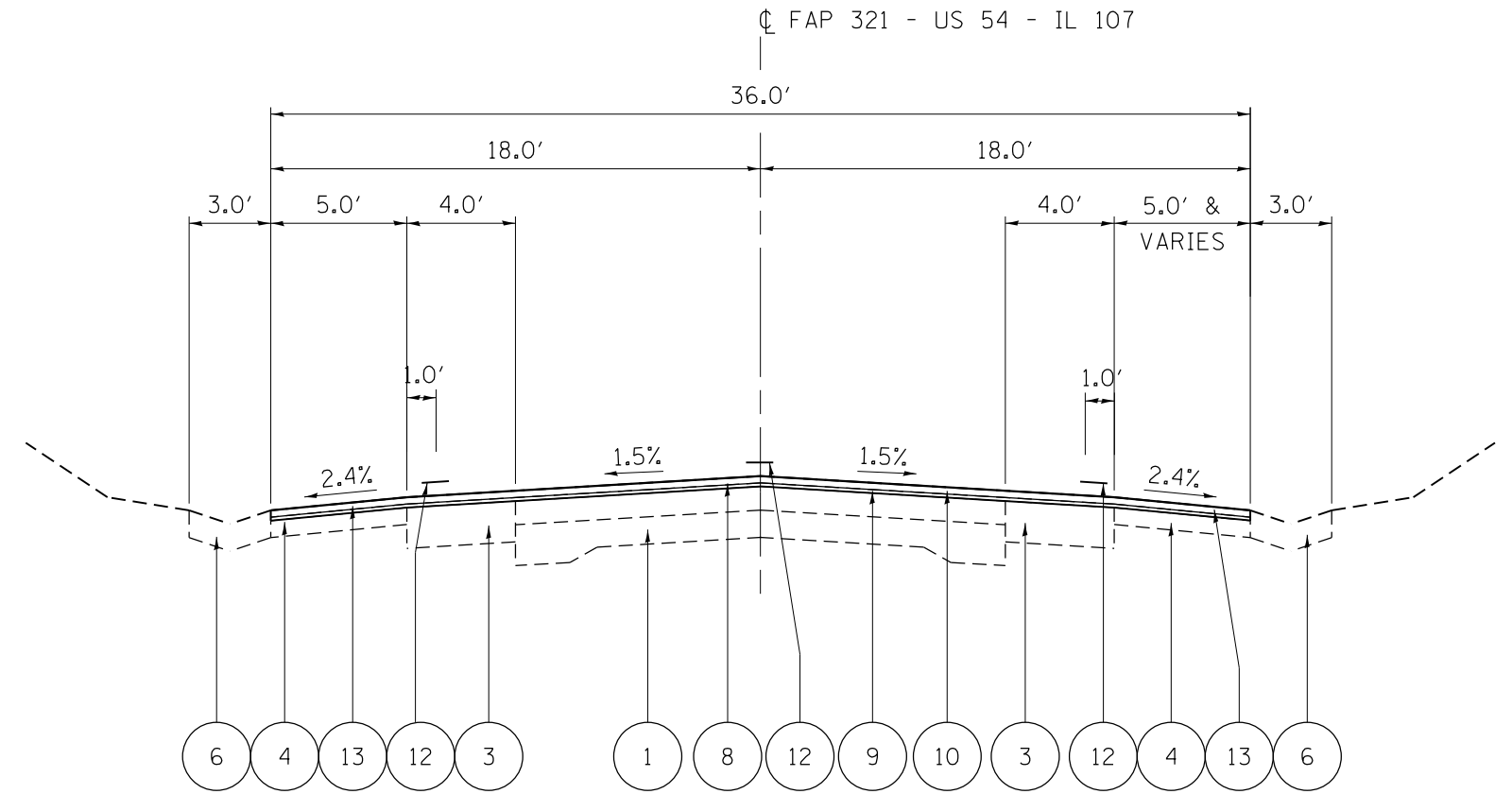
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

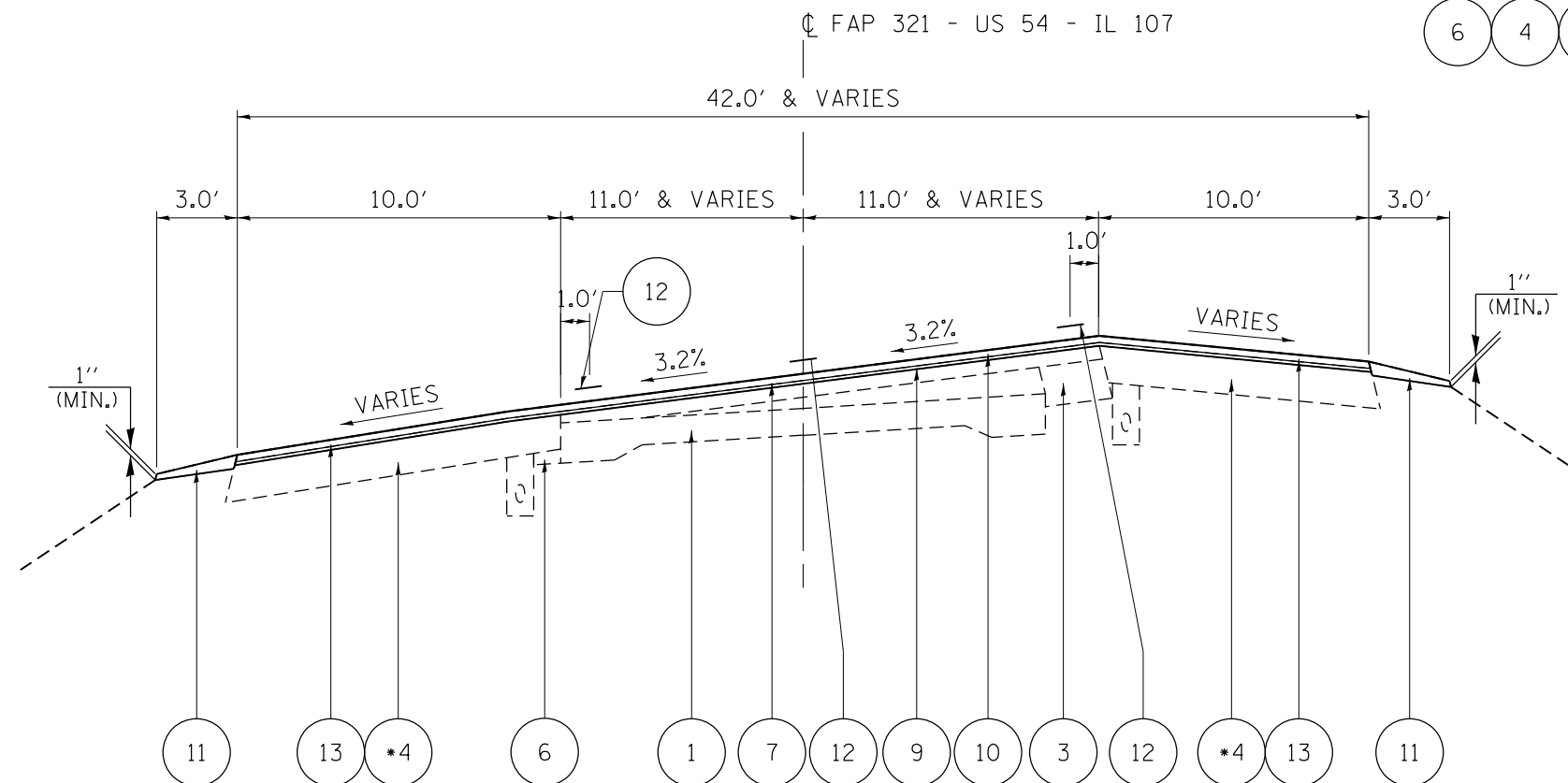
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	13
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ILLINOIS FED. AID PROJECT				

NOTE: WHEN THE SUPERELEVATION RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE SLOPED AT 4.0%. WHEN THE SUPERELEVATION RATE OF PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.



FAP 321/ US 54/ IL 107

STA. 243+90.51 - 251+35.51



* DEPTH VARIES (8" - 13")

* DEPTH VARIES (8" - 13")

FAP 321/ US 54/ IL 107

STA. 254+76.50 - 262+46.81

LEGEND

- ① EXISTING PCC PAVEMENT (9-6-9)
- ② EXISTING HMA SURFACE COURSE
- ③ EXISTING PCC BASE COURSE WIDENING (9")
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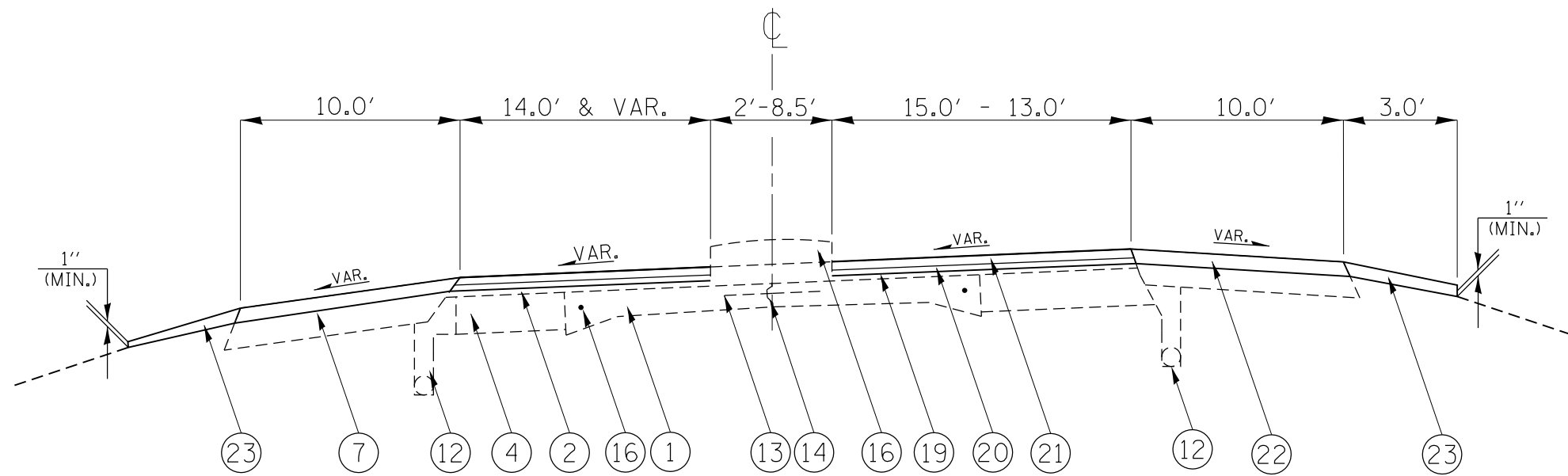
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

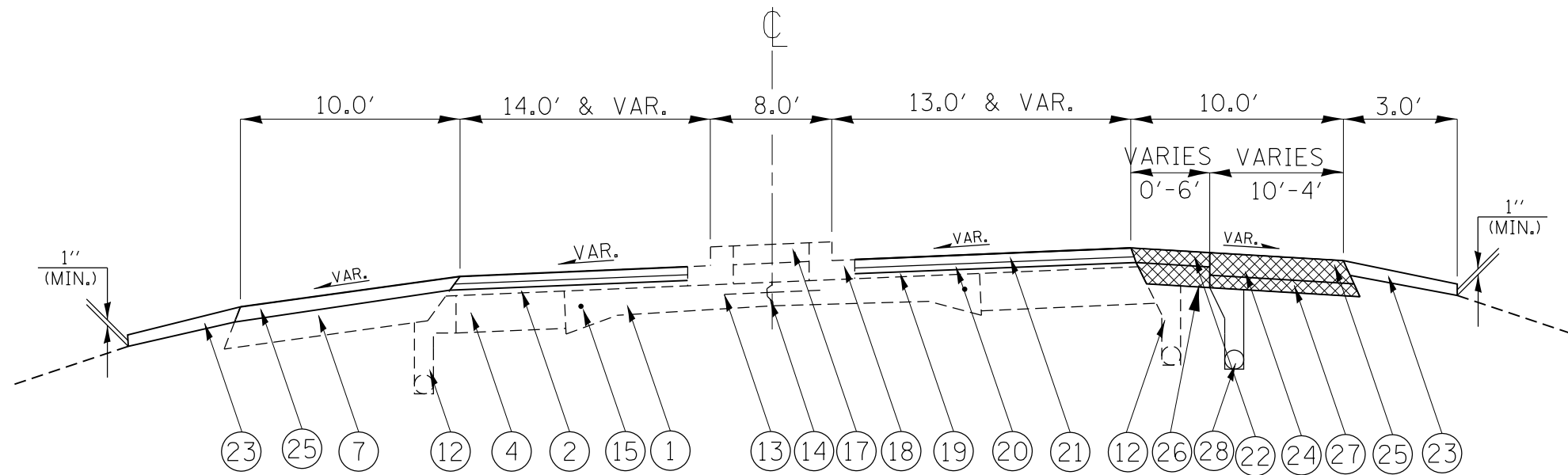
TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	14
			CONTRACT NO. 72C89	
ILLINOIS FED. AID PROJECT				



STA 262+54.14 TO STA 263+65.75

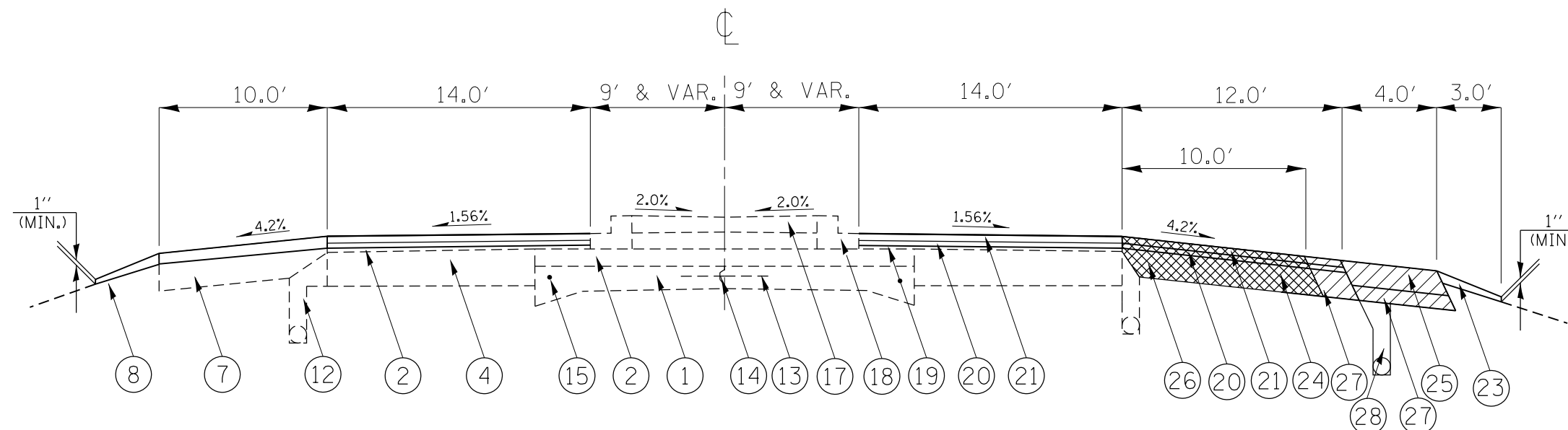


STA 263+65.75 TO STA 265+00.18

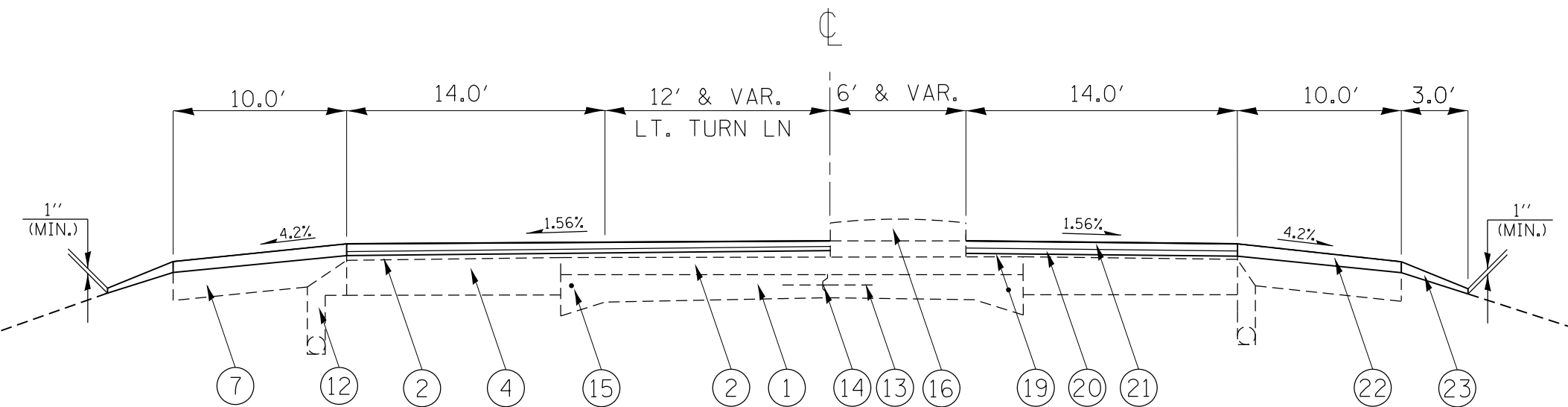
LEGEND

- 1 EXISTING P.C.C. PAVEMENT - 9'-6"-9"
- 2 EXISTING BITUMINOUS MATERIAL - VARIABLE (3" - 8")
- 3 EXISTING STABILIZED BASE COURSE - 9"
- 4 EXISTING BITUMINOUS BASE COURSE, VARIABLE DEPTH
- 5 EXISTING P.C.C. BASE COURSE WIDENING - 9"
- 6 EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- 7 EXISTING BITUMINOUS SHOULDER, VARIABLE DEPTH
- 8 EXISTING AGGREGATE SHOULDER
- 9 EXISTING CONCRETE GUTTER
- 10 EXISTING CONCRETE CURB AND GUTTER
- 11 EXISTING P.C.C. PAVEMENT, 8" JUCP
- 12 EXISTING SUB-SURFACE UNDERDRAIN ($\phi=4"$)
- 13 EXISTING TIE BAR ($\phi=0.5"$) @ 5' CENTERS
- 14 EXISTING LONGITUDINAL METAL JOINT
- 15 EXISTING EDGE BAR ($\phi=0.75"$) SMOOTH
- 16 EXISTING CONCRETE MEDIAN, TY C-4
- 17 EXISTING CONCRETE MEDIAN SURFACE, 4"
- 18 EXISTING CONCRETE CURB AND GUTTER, TYPE M-6.12
- 19 PROPOSED HMA SURFACE REMOVAL, 2.25"
- 20 PROPOSED LEVELING BINDER - 0.75"
- 21 PROPOSED HMA SURFACE COURSE, MIX D - 1.5"
- 22 PROPOSED HMA SHOULDERS
- 23 PROPOSED AGGREGATE SHOULDER (TYPE B WEDGE)
- 24 PROPOSED PAVED SHOULDER REMOVAL
- 25 PROPOSED HMA SHOULDER, 6.5"
- 26 PROPOSED HMA BASE COURSE, 10 3/4"
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- 28 PROPOSED PIPE UNDERDRAIN

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\067220\BROWNDATA\EA0\Sheets\067220\sh-typol	DESIGNED -	REVISED -	321					(107) RS-8, I-3	PIKE	70	15	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72CB9									
PLOT DATE = 10/16/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



STA 268+30.19 TO STA 268+45.58



STA 269+82.98 TO STA 271+97.37 LT
 STA 269+82.98 TO STA 272+02.70 RT

LEGEND

- 1 EXISTING P.C.C. PAVEMENT - 9'-6"-9"
- 2 EXISTING BITUMINOUS MATERIAL - VARIABLE (3" - 8")
- 3 EXISTING STABILIZED BASE COURSE - 9"
- 4 EXISTING BITUMINOUS BASE COURSE, VARIABLE DEPTH
- 5 EXISTING P.C.C. BASE COURSE WIDENING - 9"
- 6 EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- 7 EXISTING BITUMINOUS SHOULDER, VARIABLE DEPTH
- 8 EXISTING AGGREGATE SHOULDER
- 9 EXISTING CONCRETE GUTTER
- 10 EXISTING CONCRETE CURB AND GUTTER
- 11 EXISTING P.C.C. PAVEMENT, 8" JUCP
- 12 EXISTING SUB-SURFACE UNDERDRAIN (Ø=4")
- 13 EXISTING TIE BAR (Ø=0.5") @ 5' CENTERS
- 14 EXISTING LONGITUDINAL METAL JOINT
- 15 EXISTING EDGE BAR (Ø=0.75") SMOOTH
- 16 EXISTING CONCRETE MEDIAN, TY C-4
- 17 EXISTING CONCRETE MEDIAN SURFACE, 4"
- 18 EXISTING CONCRETE CURB AND GUTTER, TYPE M-6.12
- 19 PROPOSED HMA SURFACE REMOVAL, 2.25"
- 20 PROPOSED LEVELING BINDER - 0.75"
- 21 PROPOSED HMA SURFACE COURSE, MIX D - 1.5"
- 22 PROPOSED HMA SHOULDERS
- 23 PROPOSED AGGREGATE SHOULDER (TYPE B WEDGE)
- 24 PROPOSED PAVED SHOULDER REMOVAL
- 25 PROPOSED HMA SHOULDER, 6.5"
- 26 PROPOSED HMA BASE COURSE, 10 3/4"
- 27 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- 28 PROPOSED PIPE UNDERDRAIN

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\06720\Drawings\EA0\Sheets\06720CB9-sht-typro	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					321	(107) RS-8, I-3	PIKE	70	17
PLOT DATE = 10/16/2015	DATE -	REVIS	REVIS		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72CB9				
								ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDERS						
LOCATION		SHOULDER WIDTH (LT + RT)	LENGTH	SHOULDER PAVEMENT AREA	HMA SHOULDERS	
STATION	TO	STATION	FOOT	FOOT	SQ YD	SQ YD
US 54 MAINLINE						
STA 87+79.00		STA 93+60.00 RT	5	581.00	322.78	322.78
STA 219+37.00		STA 220+87.00 LT	5	150.00	83.33	83.33
STA 220+87.00		STA 227+42.12	10	655.12	727.91	727.91
STA 227+42.12		STA 231+55.00	10	412.88	458.76	458.76
STA 231+55.00		STA 232+00.00 LT	5	45.00	25.00	25.00
STA 243+60.00		STA 244+59.00 LT	5	99.00	55.00	55.00
STA 244+59.00		STA 250+00.00	10	541.00	601.11	601.11
STA 250+00.00		STA 251+46.00 RT	5	146.00	81.11	81.11
STA 254+50.00		STA 262+54.14	20	804.14	1,786.98	1,786.98
STA 262+54.14		STA 263+65.75	20	111.61	248.02	248.02
STA 263+65.75 LT		STA 265+00.18 LT	10	134.43	149.37	149.37
STA 265+00.18 LT		STA 266+05.75 LT	10	105.57	117.30	117.30
STA 266+05.75 LT		STA 268+30.19 LT	10	224.44	249.38	249.38
STA 268+30.19 LT		STA 268+81.40 LT	10	51.21	56.90	56.90
STATION EQUATION: 268+81.40(BK)=268+59.47(AH)						
STA 268+59.47 LT		STA 269+36.78 LT	10	77.31	85.90	85.90
STA 269+36.78 LT		STA 271+97.37 LT	10	260.59	289.54	289.54
STA 269+82.98 RT		STA 272+02.70 RT	10	219.72	244.13	244.13
EB I-72 OFF RAMP (RAMP D)						
STA 18+96.16		STA 19+96.85	VAR	100.69	103.92	103.92
EB I-72 ON RAMP (RAMP C)						
STA 0+42.18 LT		STA 1+59.63 LT	VAR	117.45	32.79	32.79
TOTALS:					5,719	5,719

SUBBASE GRANULAR MATERIAL, 4" (RIGHT TURN LANE)					
STATION	TO	STATION	LENGTH	WIDTH	AREA
			FOOT	FOOT	SQ YD
STA 263+65.75		STA 265+00.18	134.43	0 - 6	44.81
STA 265+00.18		STA 266+05.75	105.57	6 - 12	105.57
STA 266+05.75		STA 268+30.19	224.44	12	299.25
STA 268+30.19		STA 268+45.58	15.39	12	20.52
STA 268+45.58		STA 268+81.40	35.82	12	47.76
STATION EQUATION: 268+81.40(BK)=268+59.47(AH)					
STA 268+59.47		STA 268+63.86	4.39	12	5.85
STA 268+63.86		STA 269+82.98	119.12	10	132.36
EB I-72 ON RAMP (RAMP C)					
STA 0+42.18		STA 1+59.63	117.45	VAR	56.59
TOTAL:					713

HOT-MIX ASPHALT BASE COURSE, 10 3/4" (RIGHT TURN LANE)					
STATION	TO	STATION	LENGTH	WIDTH	AREA
			FOOT	FOOT	SQ YD
STA 263+65.75		STA 265+00.18	134.43	0 - 6	44.81
STA 265+00.18		STA 266+05.75	105.57	6 - 12	105.57
STA 266+05.75		STA 268+30.19	224.44	12	299.25
STA 268+30.19		STA 268+45.58	15.39	12	20.52
STA 268+45.58		STA 268+81.40	35.82	12	47.76
STATION EQUATION: 268+81.40(BK)=268+59.47(AH)					
STA 268+59.47		STA 268+63.86	4.39	12	5.85
STA 268+63.86		STA 269+82.98	119.12	10	132.36
EB I-72 ON RAMP (RAMP C)					
STA 0+42.18		STA 1+59.63	117.45	VAR	56.59
TOTAL:					713

HMA SHOULDER 6 1/2" (RIGHT TURN LANE)					
STATION	TO	STATION	LENGTH	WIDTH	AREA
			FOOT	FOOT	SQ YD
STA 263+65.75		STA 265+00.18	134.43	10 - 4	104.56
STA 265+00.18		STA 266+05.75	105.57	0 - 4	23.46
STA 266+05.75		STA 268+30.19	224.44	4	99.75
STA 268+30.19		STA 268+45.58	15.39	4	6.84
STA 268+45.58		STA 268+81.40	35.82	4	15.92
STATION EQUATION: 268+81.40(BK)=268+59.47(AH)					
STA 268+59.47		STA 268+63.86	4.39	4	1.95
STA 268+63.86		STA 269+82.98	119.12	0	0.00
EB I-72 ON RAMP (RAMP C)					
STA 0+42.18		STA 1+59.63	117.45	VAR	87.28
TOTAL:					340

PAVED SHOULDER REMOVAL (RIGHT TURN LANE)					
STATION	TO	STATION	LENGTH	WIDTH	AREA
			FOOT	FOOT	SQ YD
STA 263+65.75		STA 265+00.18	134.43	10	149.37
STA 265+00.18		STA 266+05.75	105.57	10	117.30
STA 266+05.75		STA 268+30.19	224.44	10	249.38
STA 268+30.19		STA 268+45.58	15.39	10	17.10
STA 268+45.58		STA 268+81.40	35.82	10	39.80
STATION EQUATION: 268+81.40(BK)=268+59.47(AH)					
STA 268+59.47		STA 269+82.98	123.51	10	137.23
EB I-72 ON RAMP (RAMP C)					
STA 0+64.00		STA 1+59.63	95.63	VAR	59.46
TOTAL:					770

HMA SHOULDER 6 1/2" (AT EXCAVATED AND GRADED SHOULDER)					
LOCATION			LENGTH	WIDTH	AREA
STATION	TO	STATION	FOOT	FOOT	SQ YD
70+49.40	RT	72+89.51	239.00	7.00	185.89
70+87.81	LT	72+67.31	176.52	7.00	137.30
73+92.09	LT	76+32.47	239.72	7.00	186.45
74+14.58	RT	75+92.19	177.56	7.00	138.10
78+27.53	RT	80+68.79	239.71	7.00	186.44
79+32.87	LT	80+97.50	164.88	7.00	128.24
82+17.83	RT	83+56.28	139.16	7.00	108.24
82+45.56	LT	85+12.24	264.19	7.00	205.48
127+09.83	RT	13+68.82	367.74	7.00	286.02
128+17.09	LT	131+78.93	367.72	7.00	286.01
236+42.78	RT	239+01.61	259.72	7.00	202.00
237+54.74	LT	239+01.61	148.31	7.00	115.35
239+92.00	RT	241+58.58	213.08	7.00	165.73
239+92.00	LT	241+00.00	153.84	7.00	119.65
Total=			3151.159		2451

SUBBASE GRANULAR MATERIAL, 4"(260th RD)			
STATION	TO	STATION	AREA SQ YD
10+15.51		11+17.77	495.64
TOTAL =			496

HOT-MIX ASPALT BASE COURSE 4 1/2" (260TH RD)			
STATION	TO	STATION	AREA SQ YD
10+15.51		11+17.77	495.64
TOTAL =			496

BITUMINOUS MATERIALS (PRIME COAT) (260TH RD)			
STATION	TO	STATION	POUND
10+15.51		11+17.77	334.27
TOTAL =			334

HOT-MIX ASPALT SURFACE COURSE 1 1/2" (260TH RD)			
STATION	TO	STATION	TON
10+15.51		11+17.77	41.63
TOTAL =			42

PAVEMENT REMOVAL (SPECIAL) (260th RD)			
STATION	TO	STATION	AREA SQ YD
10+15.51		11+17.77	495.64
TOTAL =			496

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS			
LOCATION	COLOR	DIRECTION	QUANTITY (SQ FT)
TURN ARROWS			
STA 103+35	WHITE	LEFT	15.6
STA 104+35	WHITE	LEFT	15.6
STA 105+35	WHITE	LEFT	15.6
STA 266+17	WHITE	RIGHT	15.6
STA 267+42	WHITE	RIGHT	15.6
STA 168+66	WHITE	RIGHT	15.6
STA 270+49	WHITE	LEFT	15.6
STA 271+29	WHITE	LEFT	15.6
STA 271+91	WHITE	LEFT	15.6
TOTAL			140.4

PAVED SHOULDER REMOVAL			
STATION	TO	STATION	AREA SQ YD
263+66.04		269+83.03	667
TOTAL =			667

TEMPORARY RAMPS				
LOCATION	STATION	LENGTH OF RAMP FOOT	APRON LENGTH FOOT	SURFACE AREA SQ YD
Start of Project	STA 42+17.96	42	15	70.00
TR 1515 N.	STA 56+12.22 LT	37	5	20.56
South End of SN 075-0134 - Panther Creek	STA 72+54.00	26	15	43.33
North End of SN 075-0134 - Panther Creek	STA 74+26.00	26	15	43.33
South End of SN 075-0133 - Bay Creek	STA 80+58.72	26	15	43.33
North End of SN 075-0133 - Bay Creek	STA 82+54.88	26	15	43.33
260th Ave.	STA 115+48.77 RT	23	5	12.78
Pleasant Grove	STA 170+88.35 RT	38	5	21.11
270th Ave.	STA 170+88.35 LT	28	5	15.56
273rd Ln.	STA 193+44.00 RT	33	5	18.33
274th Ln.	STA 195+77.11 LT	37	5	20.56
280th Ave.	STA 234+32.94 LT	34	5	18.89
South End of SN 075-0132 - Blue Creek	STA 238+62.00	26	15	43.33
North End of SN 075-0132 - Blue Creek	STA 239+92.00	26	15	43.33
EB I-72 Off Ramp (Ramp D)	STA 18+96.16	16	15	26.67
EB I-72 On Ramp (Ramp C)	STA 1+59.63	16	15	26.67
End of Project	STA 271+97.37 LT	26	15	43.33
End of Project	STA 272+02.70 RT	14	15	23.33
TOTAL:				578

HMA SURFACE REMOVAL, BUTT JOINTS				
LOCATION	STATION	WIDTH FOOT	LENGTH FOOT	SURFACE AREA SQ YD
Start of Project in Pittsfield	STA 42+17.96	26	10	28.9
South End of SN 075-0134 - Panther Creek	STA 72+54.00	26	30	86.7
North End of SN 075-0134 - Panther Creek	STA 74+26.00	26	30	86.7
South End of SN 075-0133 - Bay Creek	STA 80+58.72	26	30	86.7
North End of SN 075-0133 - Bay Creek	STA 82+54.88	26	30	86.7
South End of SN 075-0132 - Blue Creek	STA 238+62.00	26	30	86.7
North End of SN 075-0132 - Blue Creek	STA 239+92.00	26	30	86.7
EB I-72 Off Ramp (Ramp D)	STA 18+96.16	16	10	17.8
EB I-72 On Ramp (Ramp C)	STA 1+59.63	16	10	17.8
End of Project	STA 271+97.37 LT	26	10	28.9
End of Project	STA 272+02.70 RT	14	10	15.6
TOTAL:				629

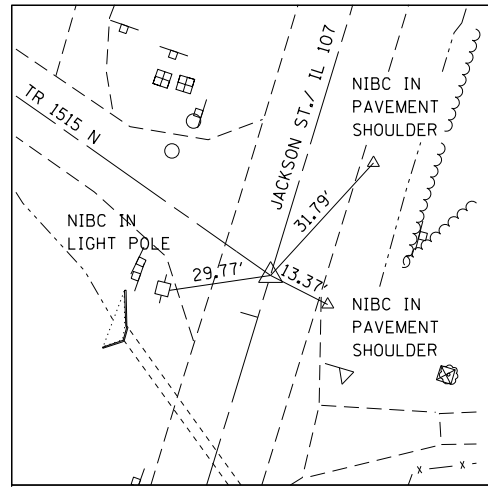
SHORT-TERM PAVEMENT MARKING								
STATION	TO	STATION	LENGTH (FOOT)	NUMBER OF APPLICATIONS	CENTER LINE	SHOULDER 4' PER 100' (NUMBER OF LINES)	SHORT-TERM PAVEMENT MARKING LENGTH (FOOT)	PAVEMENT MARKING REMOVAL (SQ FT)
US 54								
STA 42+17.96		STA 42+59.10	41.14	3	1	0	12	1
STA 42+59.10		STA 42+80.00	20.9	3	1	2	11	1
STATION EQUATION: 42+80.00(BK)=43+11.50(AH)								
STA 43+11.50		STA 72+54.00	2942.5	3	1	2	1,589	177
BRIDGE OMISSION: SN 075-0134								
STA 74+26.00		STA 80+58.72	635.72	3	1	2	343	38
BRIDGE OMISSION: SN 075-0133								
STA 82+54.88		STA 97+18.32	1463.44	3	1	2	790	88
STA 97+18.32		STA 112+30.00	1511.68	3	2	2	1,270	141
STA 112+30.00		STA 209+25.63	9695.63	3	1	2	5,236	582
STATION EQUATION: 209+25.63(BK)=209+00.02(AH)								
STA 209+00.02		STA 238+62.00	2961.98	3	1	2	1,599	178
BRIDGE OMISSION: SN 075-0132								
STA 239+92.00		STA 253+44.10	1352.1	3	1	2	730	81
STATION EQUATION: 253+44.10(BK)=253+50.00(AH)								
STA 253+50.00		STA 262+54.14	904.14	3	1	2	488	54
STA 262+54.14		STA 268+81.40	627.26	3	2	2	527	59
STATION EQUATION: 268+81.40(BK)=268+59.47(AH)								
STA 268+59.47		STA 271+97.37 LT	337.9	3	1	1	142	16
STA 268+59.47		STA 272+02.70 RT	343.23	3	1	1	144	16
EB I-72 OFF RAMP (RAMP D)								
STA 18+96.16		STA 19+96.85	100.69	3	0	2	24	3
EB I-72 ON RAMP (RAMP C)								
STA 00+42.18		STA 1+59.63	117.45	3	0	2	28	3
TOTALS:							12,935	1,437

POLYUREA PAVEMENT MARKING - LINE 12"		
LOCATION	COLOR/DESCRIPTION	LENGTH (FOOT)
US 54 / IL 107		
MEDIAN FROM STA 97+18.32 TO 102+09.58	YELLOW / CHEVRONS	86
MEDIAN FROM STA 105+70 TO STA 112+30	YELLOW / CHEVRONS	137
EB I-72 OFF RAMP (RAMP D)	WHITE / ISLAND CHEVRONS	58
EB I-72 ON RAMP (RAMP C)	WHITE / ISLAND CHEVRONS	77
TOTAL		358

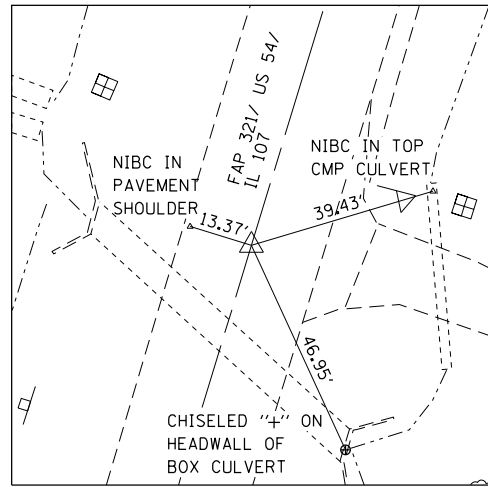
POLYUREA PAVEMENT MARKING - LINE 8"		
LOCATION	COLOR/DESCRIPTION	LENGTH (FOOT)
US 54 / IL 107		
EB I-72 OFF RAMP (RAMP D)	WHITE / ISLAND OUTLINE	136
EB I-72 ON RAMP (RAMP C)	WHITE / ISLAND OUTLINE	252
TOTAL		388

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"			
LOCATION		COLOR / DESCRIPTION	LENGTH
STATION	TO STATION		FOOT
US 54 / IL 107			
STA 97+18.32	STA 99+43.57	WHITE / 2' SKIP DASH	56
STA 99+43.57	STA 101+97.69	WHITE / NB RIGHT TURN LANE	254
STA 103+00.00	STA 105+70.00	WHITE / SB LEFT TURN LANE	270
STA 263+65.75	STA 266+05.75	WHITE / 2' SKIP DASH	60
STA 266+05.75	STA 268+81.40	WHITE / NB RIGHT TURN LANE	266
STATION EQUATION			
STA 268+59.47	STA 268+63.83	WHITE / NB RIGHT TURN LANE	4
STA 270+41.00	STA 271+97.37	WHITE / SB LEFT TURN LANE	156
TOTAL			1,067

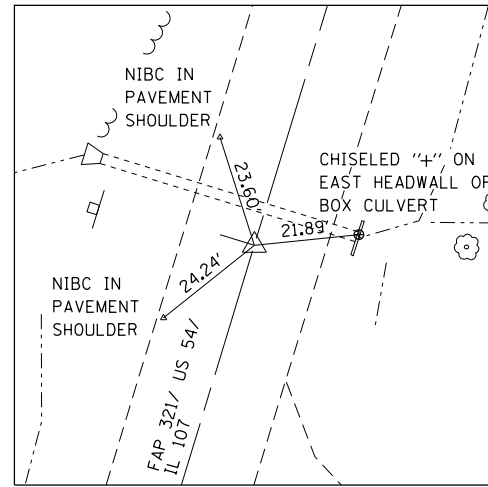
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS		
LOCATION	COLOR / DESCRIPTION	QUANTITY SQ. FT.
US 54 / WASHINGTON ST.		
US 54 / IL 107		
STA 103+35	WHITE / LEFT TURN LANE ARROW	15.6
STA 104+35	WHITE / LEFT TURN LANE ARROW	15.6
STA 105+35	WHITE / LEFT TURN LANE ARROW	15.6
STA 266+17	WHITE / RIGHT TURN LANE ARROW	15.6
STA 267+42	WHITE / RIGHT TURN LANE ARROW	15.6
STA 168+66	WHITE / RIGHT TURN LANE ARROW	15.6
STA 270+49	WHITE / LEFT TURN LANE ARROW	15.6
STA 271+29	WHITE / LEFT TURN LANE ARROW	15.6
STA 271+91	WHITE / LEFT TURN LANE ARROW	15.6
TOTAL		140.4



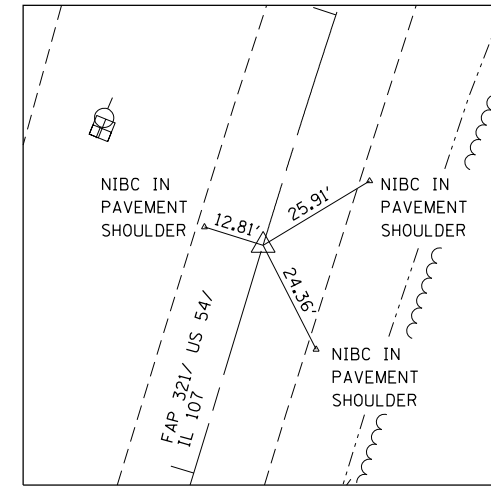
POT STA. 56+12.22
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST./IL 107 & TR 1515N)



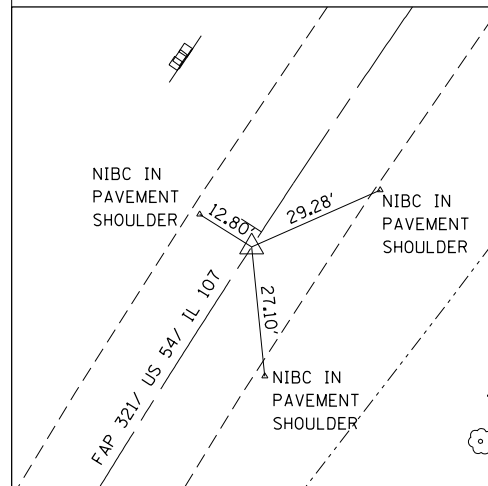
☐ STATION EQUATION
STA. 42+80.00 (BK) = STA. 43+11.50 (AH)
MAGNETIC NAIL IN BOTTLE CAP
(IL 107)



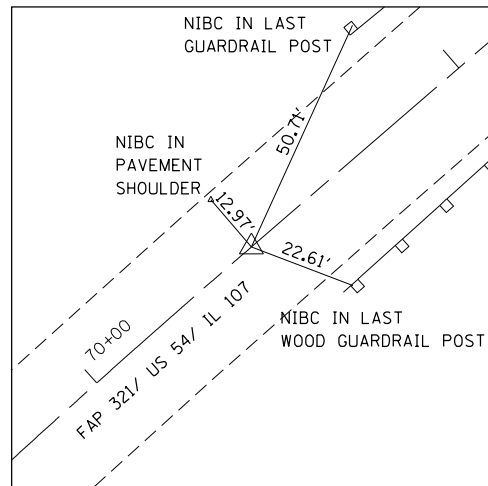
POT STA. 50+00.00
MAGNETIC NAIL IN BOTTLE CAP
(IL 107)



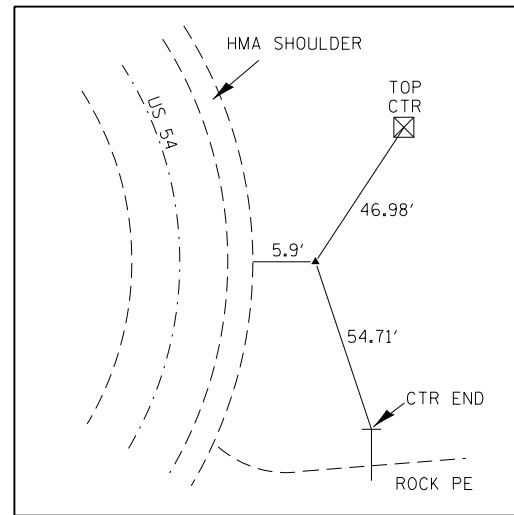
PC STA. 57+49.64
MAGNETIC NAIL IN BOTTLE CAP
(IL 107)



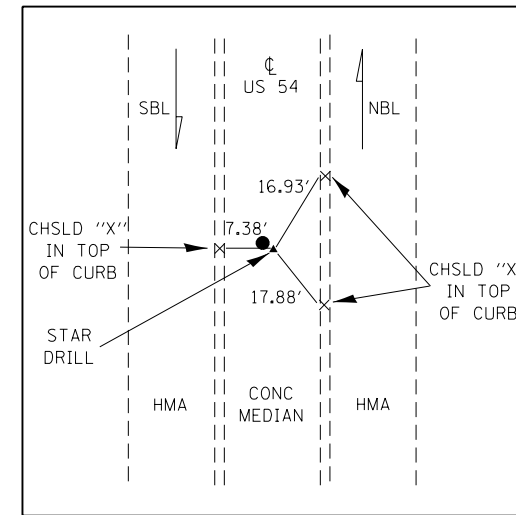
POC STA. 63+96.29
MAGNETIC NAIL IN BOTTLE CAP
(IL 107)



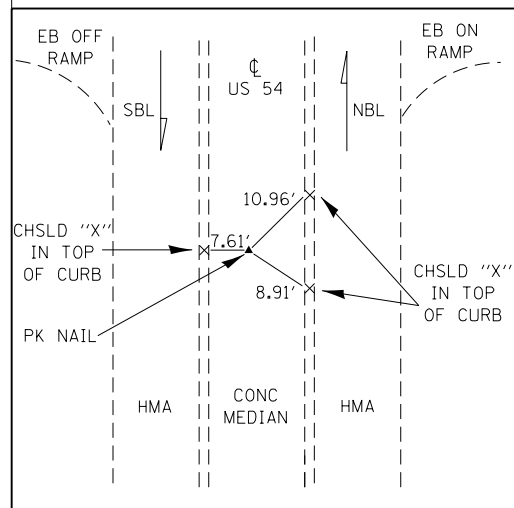
PT STA. 70+42.94
MAGNETIC NAIL IN BOTTLE CAP
(IL 107)



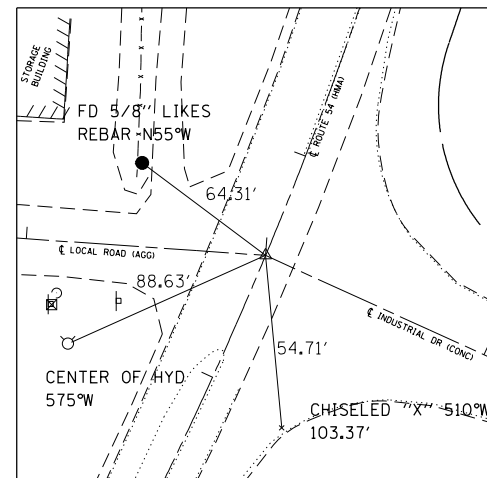
PI 260+80.10
#4 REBAR WITH CAP



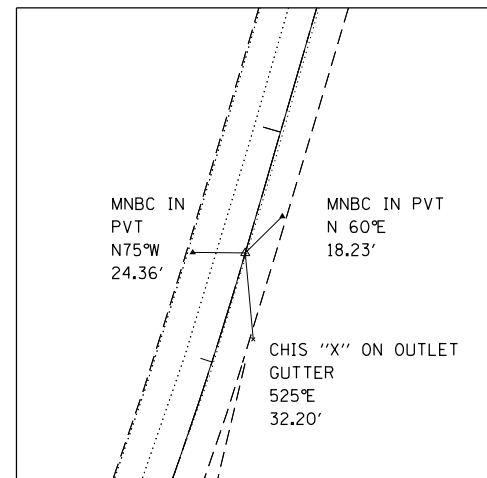
PT 265+87.66
STAR DRILL IN CHSLD "X"



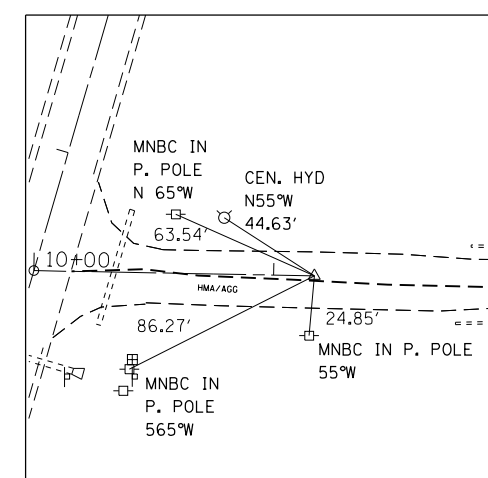
POT 268+81.40 (BK) = 268+59.47 (AH)
PK NAIL IN CHSLD "X"



INDUSTRIAL DRIVE
10+00 MNW



PT-104+47.50 MNW



11+17 MNW

NOTE: ☐ STATIONING FAP 321/US 54/IL 106 - WASHINGTON ST. INCREASES EAST TO WEST

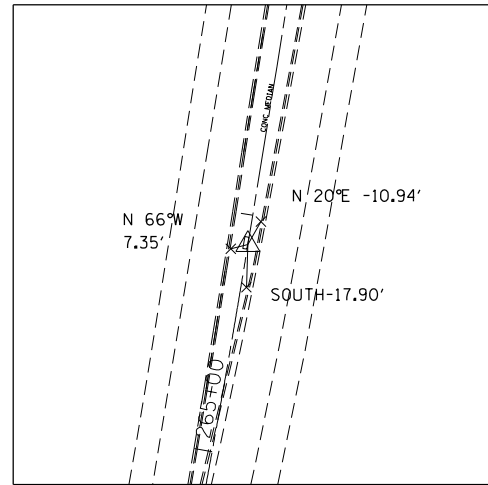
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Default	PLOT DATE = 10/16/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	26
CONTRACT NO. 72C89				
ILLINOIS FED. AID PROJECT				



PT 265+87.66
 FD DRILL HOLE IN CHIS "X"
 ALL TIES FD CHIS "X" ON CURB

LEGEND

"NIBC" NAIL IN BOTTLE CAP
 △ C TIE CONTROL POINT

BM ZP1: □ CHSLD " " FOUND IN INTERSTATE LIGHT FOUNDATION;
 IN S.E. QUAD OF ON RAMP FOR EBL TRAFFIC I-72.
 ±100 SOUTH OF QUINCY WEST, SPRINGFIELD EAST
 INTERSTATE SIGN
 ELEVATION: 682.81
 STATION: 267+21.70, OFFSET: 60.7

PM ZP2: □ FOUND CHSLD " " IN PARAPET SW CORNER OF BRIDGE
 SN 075-0112 AT PITTSFIELD EXIT; BRIDGE OVER I-72.
 ELEVATION: 687.08
 STATION: 272+85.80, OFFSET: -34.30

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
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	PLOT DATE = 10/16/2015	DATE -	REVISED -

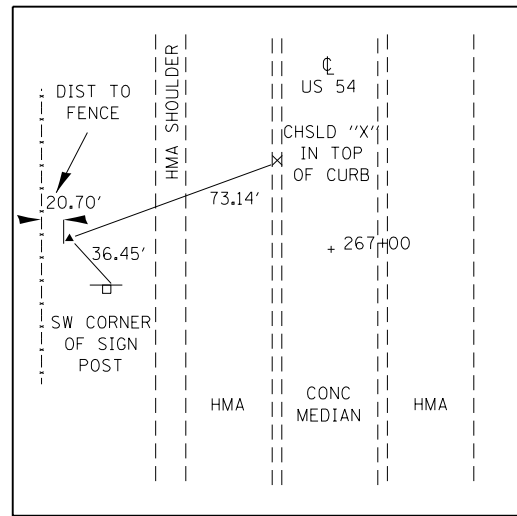
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT TIES & BENCHMARKS

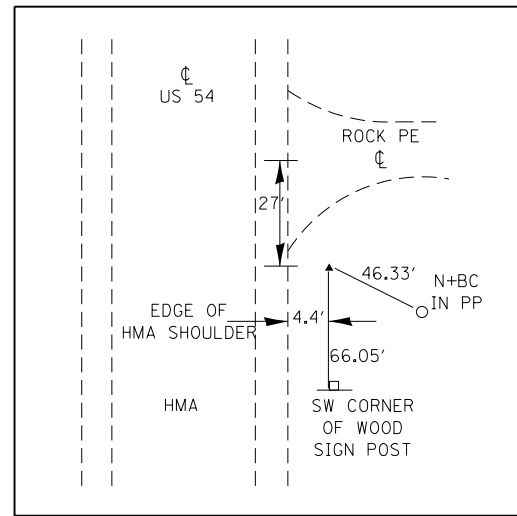
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	28
				CONTRACT NO. 72C89
ILLINOIS FED. AID PROJECT				

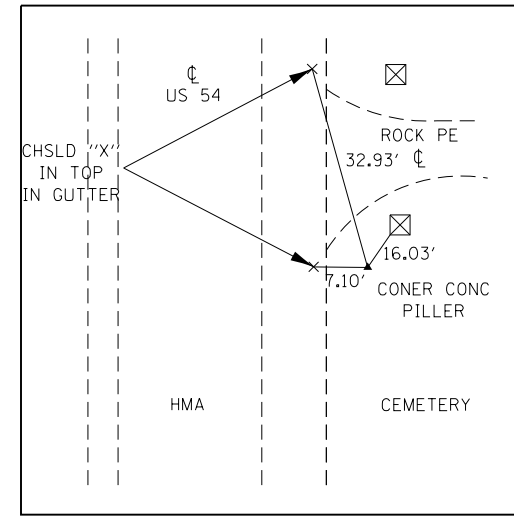
HORIZONTAL CONTROL / TRAVERSE STATIONS



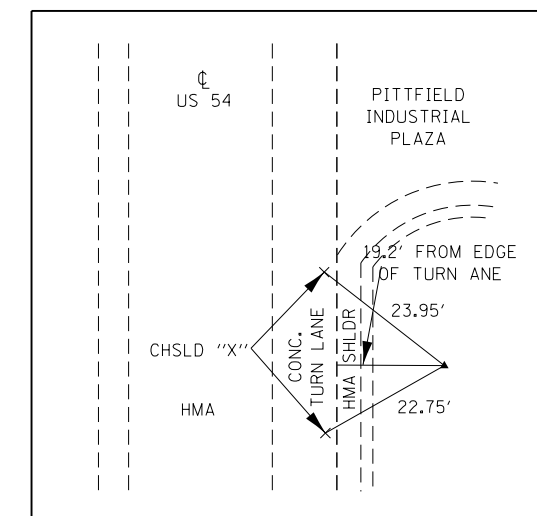
1501 #4 REBAR WITH IDOT CAP



1500 #4 REBAR NO CAP



3000 #4 REBAR W/CAP BURIED 3"



3001#4 REBAR W/CAP BURIED 3"

HORIZONTAL CONTROL (TRAVERSE STATIONS)

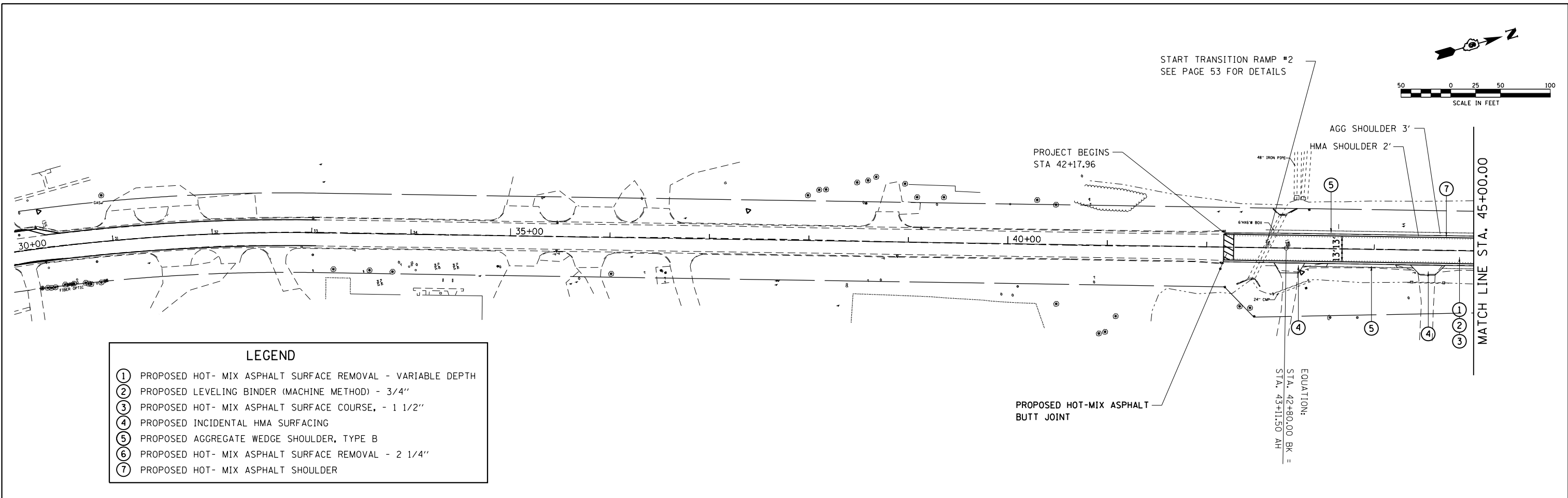
POINT#	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION	X-TIES
1500	259+72.80	28.01 RT	1094266.997	2126906.982	4/8" REBAR - NO CAP	YES
1501	266+98.15	77.47 LT	1094995.062	2126960.804	4/8" REBAR W/IDOT CAP	YES
3000	92+77.28	28.44 RT	1079369.427	2120496.167	4/8" REBAR W/IDOT CAP	YES
3001	101+42.89	46.76 RT	1080026.032	2121073.079	4/8" REBAR W/IDOT CAP	YES
41500	108+32.83	41.29 RT	1080688.696	2121288.964	5/8" REBAR	NO TIES AVAILABLE
41501	114+59.21	46.26 RT	1081288.744	2121468.730	5/8" REBAR	NO TIES AVAILABLE

NAD 83-2007 STATE PLANE COORDINATES - IL WEST ZONE GRID FACTOR = 0.9999482

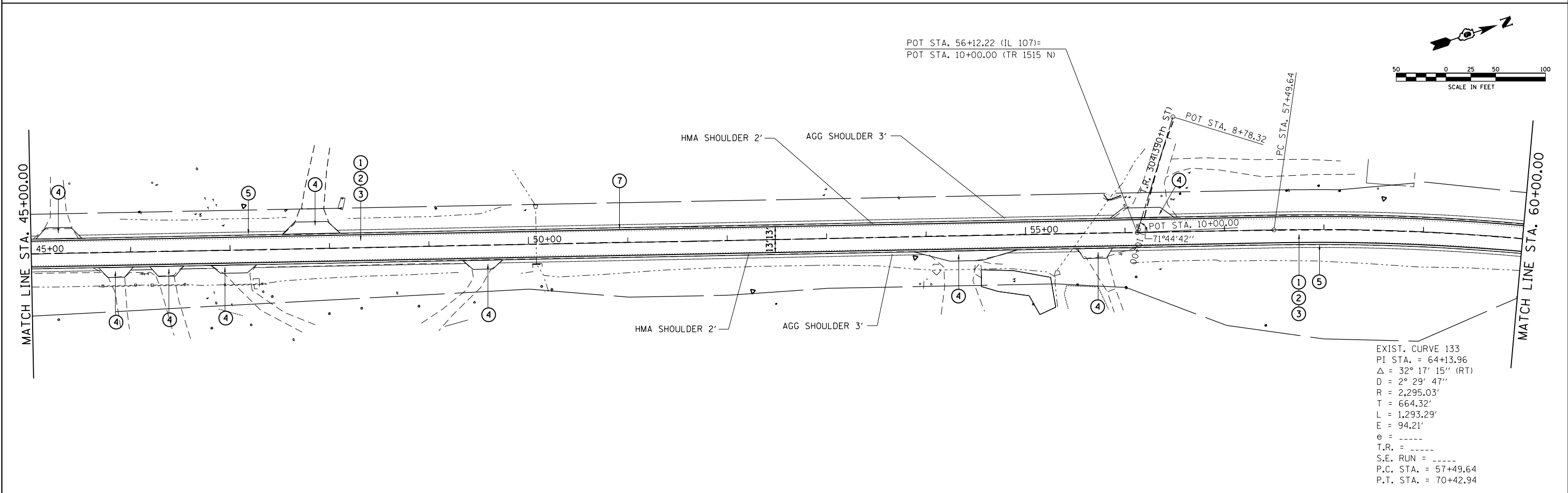
PT ID	PLUS	MINUS	NAVD 88 MEAS	TP'S	NAVD 88 PUB/ADJ	<i>see sbi 36 bk 243</i> BENCH DESCRIPTIONS/COMMENTS
BM TJM 206				0	718.675	chslid x SE bolt fire hydraunt NE quad Lincoln & Griggsville Streets in Pittsfield
		3.008				
BM TJM 207			715.667	3	715.670	chslid x SE bolt fire hydraunt NE quad US54(Jackson St) & Griggsville St in Pittsfield @ sta 20+09.8; 32.8 rt
	3.389					
BM PSB-1			719.056	4	719.060	chslid [] on sidewalk curb NE quad US54 & Benson St @ sta 26+78.35; 38.5 rt
		34.745				
BM PSB-2			684.311	8	684.318	chslid + on inlet casting E side US54 just N of Prairie Dental Center @ sta 38+89.03; 15.0 rt
		9.359				
BM PSB-3			674.952	11	674.962	chslid + on hdwl E side US54 between entrance to Crop Production Service & Pittsfield STP @ sta 50+08.77; 20.2 rt
		10.108				
BM PSB-4			664.844	13	664.856	chslid '+' NE cor conc slab, 13 ft N of the NE cor white block building @sta 58+88, 45.0 lt
		4.683				
BM PSB-5			660.161	16	660.175	chslid [] SW wing bridge over Panther Creek str # 075-0134, @ sta 72+61.82; 21.3 lt
	0.028					
BM PSB-6			660.189	18	660.205	chslid [] NE wing bridge over Bay Creek str # 075-0133, @ sta82+20.2; 19.1 rt
	44.613					
BM PSB-7			704.802	23	704.823	chslid [] on W post base sign to Pittsfield Industrial Park @ NE quad with IL107
		18.696				
BM PSB-8			686.106	26	686.129	chslid [] W end W end section 24" conc culv under US54 at TR Rd 260th Ave @ sta 115+12.9; 26.7 lt
		14.969				
BM PSB-9			671.137	29	671.163	chslid '+' NW cor bridge, 1/4 mile E of US54 on TR 260th
	33.366					
BM PSB-10			704.503	34	704.534	chslid '+' top conc row marker S side of TR260th Ave @ pc curve, 3/4 mile E of US54
		37.065				
8 DLS 1975			667.438	40	667.474	USGS Standard Tablet err = -0.036 w/ 40tp's --- adj = +0.0009/ tp
BM PSB-8				0	686.129	chslid [] W end W end section 24" conc culv under US54 at TR Rd 260th Ave @ sta 115+12.9; 26.7 lt
		10.092				
BM PSB-11			676.037	3	676.041	chslid '+' center E hdwl culv under US 54 just S of Airport Entrance @ sta 129+26.6; 20.7 rt
	18.108					
BM PSB-12			694.145	6	694.148	railroad spike in lone powerpole W side US54 and apposite last powerpole on rt., @ sta 144+03.2; 84.6 lt
	22.374					
BM PSB-13			716.519	9	716.531	railroad spike in powerpole between houses 26730 & 26794 E side US54 @ sta 156+48.6; 59.6 rt
		2.053				
PITTSFIELD			718.572	10	718.585	NGS Alum disc in conc E side US54, @ sta 158+38; 53.1 rt
		2.683				
PITTSFIELD AZ			721.255	14	721.273	NGS Alum disc in conc W side US54, @ sta 176+40.2; 53.4 Lt
		12.068				
BM PSB-14			709.187	16	709.208	chslid '+' on NW end flared end sec 36" conc pipe @ sta 186+56; 37.5 lt
		10.864				
BM PSB-15			698.323	18	698.346	chslid '+' top drop manhole structure , S side lid , SE side US 54 @ sta 197+12.6; 29.7 rt
			NAVD 88		NAVD 88	

PT ID	PLUS	MINUS	MEAS	TP'S	PUB/ADJ	BENCH DESCRIPTIONS/COMMENTS
BM PSB-15		17.921	698.323	18	698.346	chslid '+' top drop manhole structure , S side lid , SE side US 54 @ sta 197+12.6; 29.7 r t
BM PSB-16	5.358		680.402	22	680.431	chslid '+' NW end hdwl culv under US54 approx 200 ft SW'erly of gravel drive to house # 27701 @ sta 213+66.3; 51.5 lt
BM PSB-17		65.607	685.760	24	685.791	chslid '+' on inlet curb /gutter, E side US54 top of hill @ sta 220+64.3; 17.9 r t
BM PSB-18	1.408		620.153	30	620.192	chslid [] top abut SE corner bridge str # 075-0132 @ sta 238+82.3; 21.9 r t
TBM C	56.692		621.561	31	621.601	chslid '+' on outlet curb @ sta 244+64.84; 19.2 r t
#1500	4.559		678.253	36	678.300	rebar (no cap) E side US54 @ sta 259+72.7;19.2 r t
BM ZP 1	4.277		682.812	38	682.861	chslid [] W side conc foundation lightpole E side us54/il107@ sta 267+21.7 ; 68.7 r t
BM ZP 2		2.272	687.089	39	687.140	chslid [] top parapet approach wall, SW corner bridge #075-0112 over I-72, @ sta 272+85.7;34.3 lt
BM PSB-19		1.507	684.817	41	684.870	chslid '+' E side conc foundation for lightpole W side IL 107 , approx 0.1 mile N of I-72@ STA 283+51.4;47.9 LT
BM PSB-20		4.442	683.310	44	683.367	chslid '+' center E hdwl culv under IL107 in front of Maschoffs Elevator @ sta 295+45; 20.3 r t
BM PSB-21		0.600	678.868	45	678.927	chslid '+' center E hdwl culv under IL107 by Maschoffs Elevator detension pond , E side IL107 & 0.2 mile N of 290th Rd
BM PSB-22	7.309		678.268	47	678.329	chslid '+' around rebar just N of center E hdwl culv under IL107, approx 200 ft N of 410th Rd [H] Hey chet is the chslid '+' on the top of rebar or around it [H] Does this mean chslid on conc
BM PSB-23	5.733		685.577	50	685.642	chslid '+' on box culv [H] Do u mean hdwl chet[H] @ SE quad IL107 & 412th St
BM PSB-24		2.990	691.310	52	691.378	chslid '+' on E hdwl culv under IL107, approx 1000 ft N OF 412th ST
BM PSB-25	2.709		688.320	55	688.392	chslid '+' around rebar E hdwl culv under IL107, approx 1/2 mile N of 412th St
BM PSB-26		8.490	691.029	59	691.106	chslid '+' on top W'erly cap bolt fire hydraunt SE quad of IL107 & 420th St
BM PSB-27	5.814		682.539	61	682.618	railroad spike in powerpole E side IL107 @ approx 1000 ft N of 420th St
BM PSB-28		4.092	688.353	64	688.436	railroad spike in powerpole E side IL107 next to Wellcome To Griggsville sign
BM PSB-29	3.578		684.261	66	684.347	chslid '+' on light tower base in driveway island of old Purple Martin House Factory E side IL107
BM PSB-30	1.948		687.839	69	687.929	railroad spike in powerpole @ SW quad Lincoln & IL107 in Griggsville
BM PSB-31		13.029	689.787	71	689.880	top nut on hydraunt @ SE quad Clinton St & IL107 in Griggsville
BM PSB-32	6.882		676.758	74	676.854	chslid '+' on hdwl @ SE quad Quincy-Purple St & IL107 in Griggsville
			NAVD 88		NAVD 88	

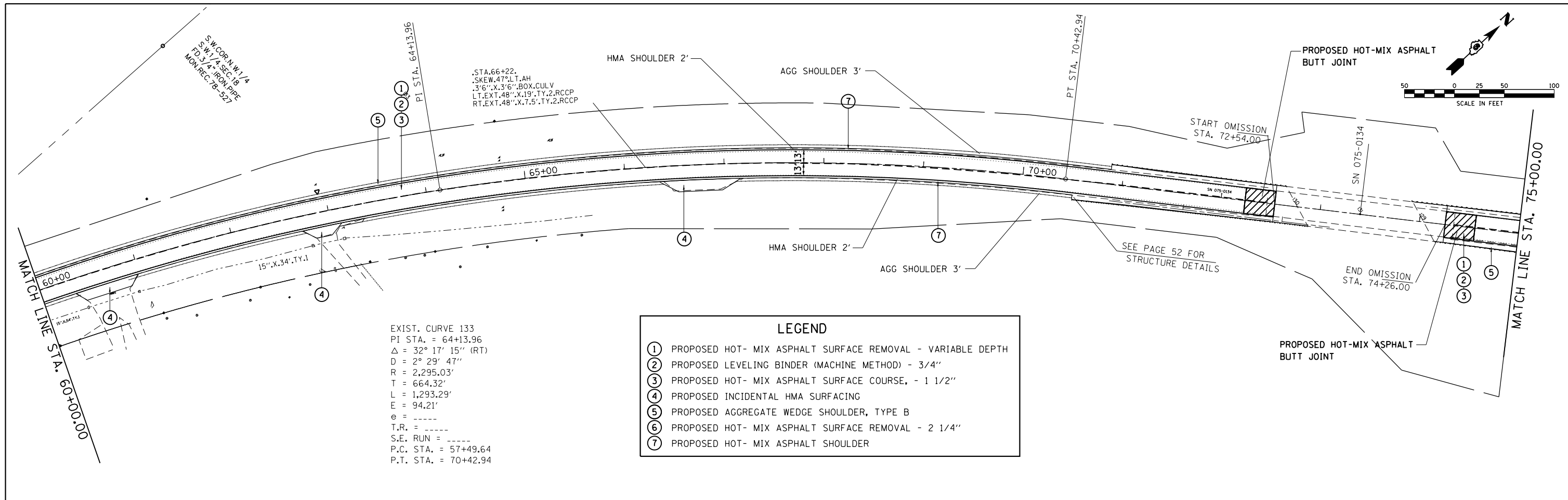
PT ID	PLUS	MINUS	MEAS	TP'S	PUB/ADJ	BENCH DESCRIPTIONS/COMMENTS
BM PSB-33			683.640	76	683.739	chsl'd '+' on top of curb NW corner Casey's General Store parking lot
	31.347					
GRIGGSVILLE			714.987	79	715.090	NGS standard tablet @ Griggsville Public Library entrance steps
						err = -0.103 w/ 79 tp's --- adj = +0.001304/ tp
BM PSB 32				0	676.854	
	39.514					
6 DLS			637.340	16	637.430	USGS disc top S hdwl culv under County Highway #2, approx 100 ft W of TR 410th St#
						err = -0.09 w/16 tp's
6 DLS				0	637.430	
	53.534					
W 79			690.964	15	690.950	err = +0.014 w/ 15 tp's
BM PSB-6				0	660.205	
	17.527					chet no side shots please△△△△△△△△△△
#3000			677.732	3		#4 rebar w/cap @ sta 93+77.3; 28.4 rt
BM PSB-7				0	704.823	
	0.183					chet no side shots please△△△△△△△△△△
#3001			705.006	1		#4 rebar w/cap @ sta 101+42.9; 49 46.8 rt(is this the right sta or is this bm psb-7 sta; offset #####chet)
PITTSFIELD				0	718.585	
	2.724					chet no side shots please△△△△△△△△△△
TBM A			721.309	2		top row marker E side US54, N side entrance to Trailer World @ sta 165+27; 38.9 rt
BM PSB-17				0	685.791	
	38.656					chet no side shots please△△△△△△△△△△
TBMB			647.135	4		chsl'd '+' on outlet curb E side US54 at bottom of hill @ sta 231+53.4; 19.2
#1500				0	678.300	
	6.469					chet no side shots please△△△△△△△△△△
#1501			684.769	2		rebar @ sta 266+98.1; 77.5 lt



- LEGEND**
- ① PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - ② PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4"
 - ③ PROPOSED HOT- MIX ASPHALT SURFACE COURSE, - 1 1/2"
 - ④ PROPOSED INCIDENTAL HMA SURFACING
 - ⑤ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑥ PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - 2 1/4"
 - ⑦ PROPOSED HOT- MIX ASPHALT SHOULDER

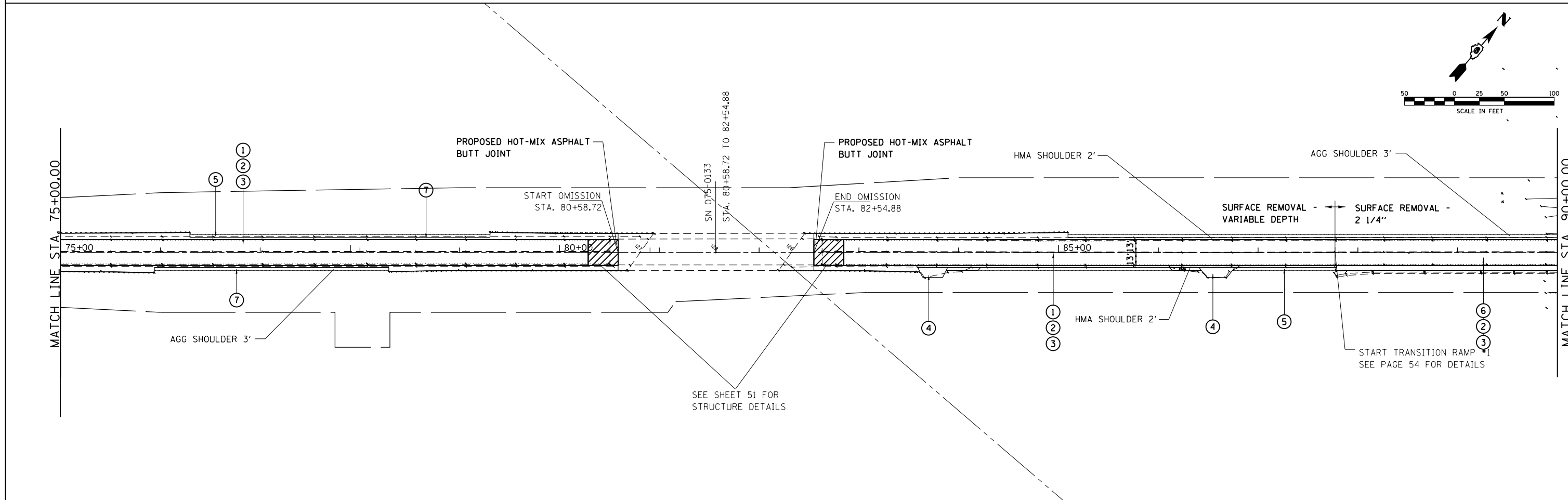


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pw\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\D6722C89\Drawings\6722C89-01\Drawings\6722C89-01.dwg	PROJECT = US 54 /IL 107	CHECKED -	REVISED -			321	(107) RS-8, I-3	PIKE	70	33
Default	PLOT DATE = 10/16/2015	DATE -	REVISED -			CONTRACT NO. 72C89		ILLINOIS FED. AID PROJECT		

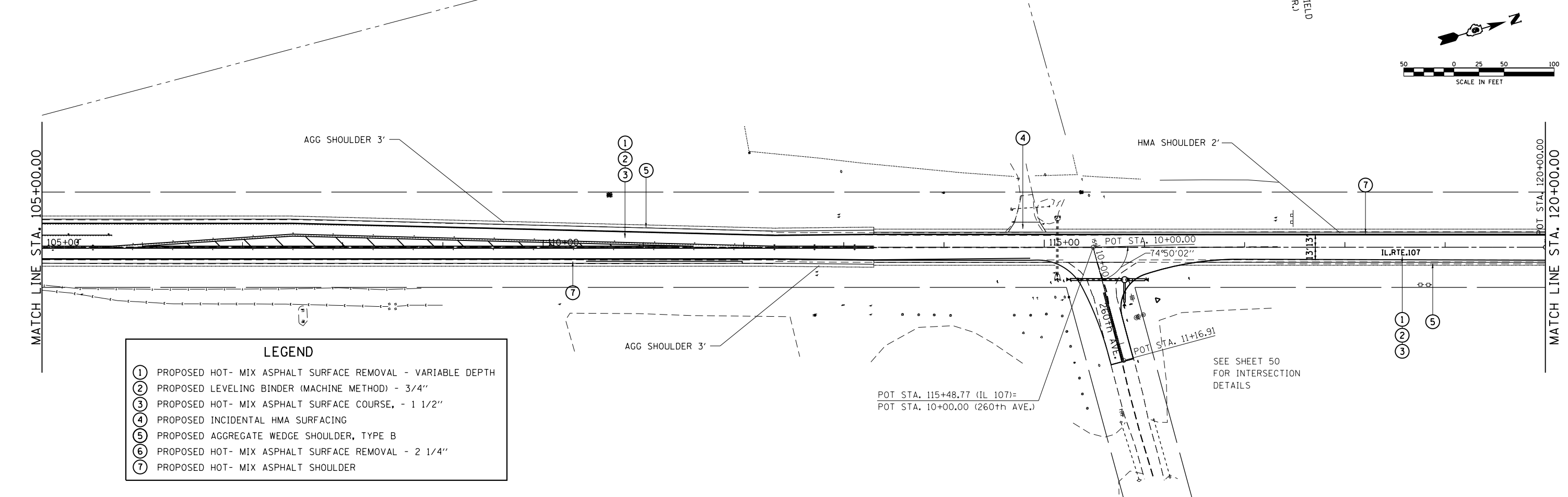
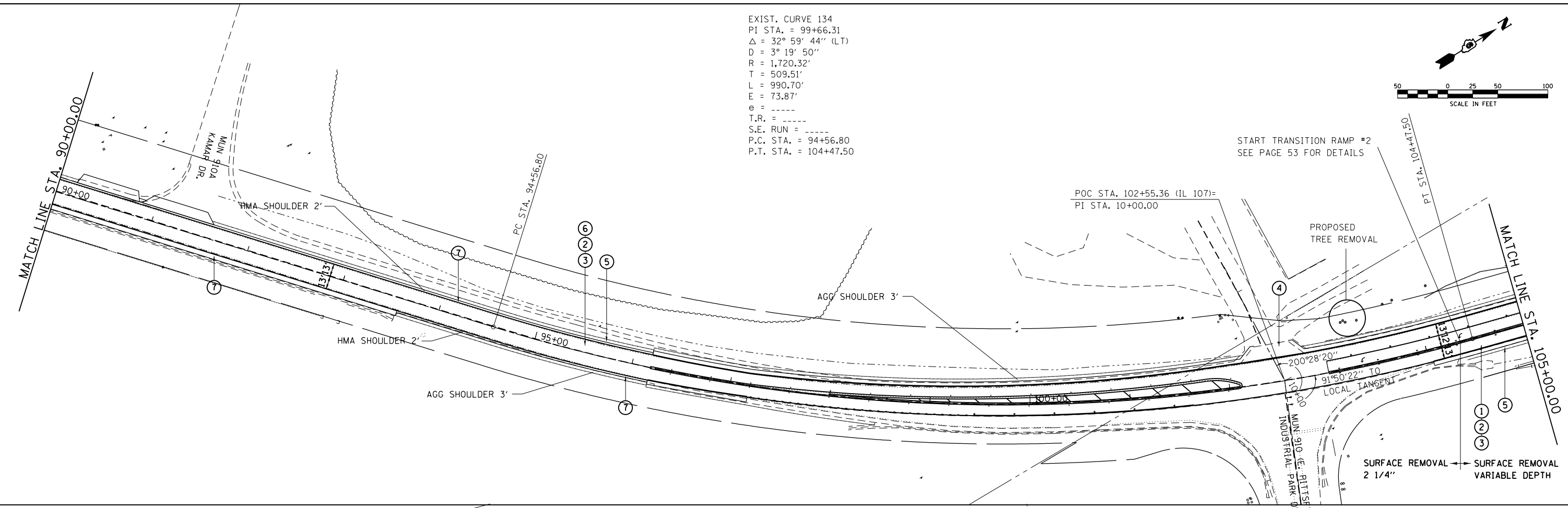
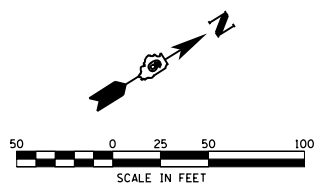


EXIST. CURVE 133
 PI STA. = 64+13.96
 $\Delta = 32^\circ 17' 15''$ (RT)
 $D = 2^\circ 29' 47''$
 $R = 2,295.03'$
 $T = 664.32'$
 $L = 1,293.29'$
 $E = 94.21'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 57+49.64
 P.T. STA. = 70+42.94

- LEGEND**
- (1) PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - (2) PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4"
 - (3) PROPOSED HOT- MIX ASPHALT SURFACE COURSE, - 1 1/2"
 - (4) PROPOSED INCIDENTAL HMA SURFACING
 - (5) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - (6) PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - 2 1/4"
 - (7) PROPOSED HOT- MIX ASPHALT SHOULDER



EXIST. CURVE 134
 PI STA. = 99+66.31
 $\Delta = 32^\circ 59' 44''$ (LT)
 $D = 3^\circ 19' 50''$
 $R = 1,720.32'$
 $T = 509.51'$
 $L = 990.70'$
 $E = 73.87'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 94+56.80
 P.T. STA. = 104+47.50



- LEGEND**
- ① PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - ② PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4"
 - ③ PROPOSED HOT- MIX ASPHALT SURFACE COURSE, - 1 1/2"
 - ④ PROPOSED INCIDENTAL HMA SURFACING
 - ⑤ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑥ PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - 2 1/4"
 - ⑦ PROPOSED HOT- MIX ASPHALT SHOULDER

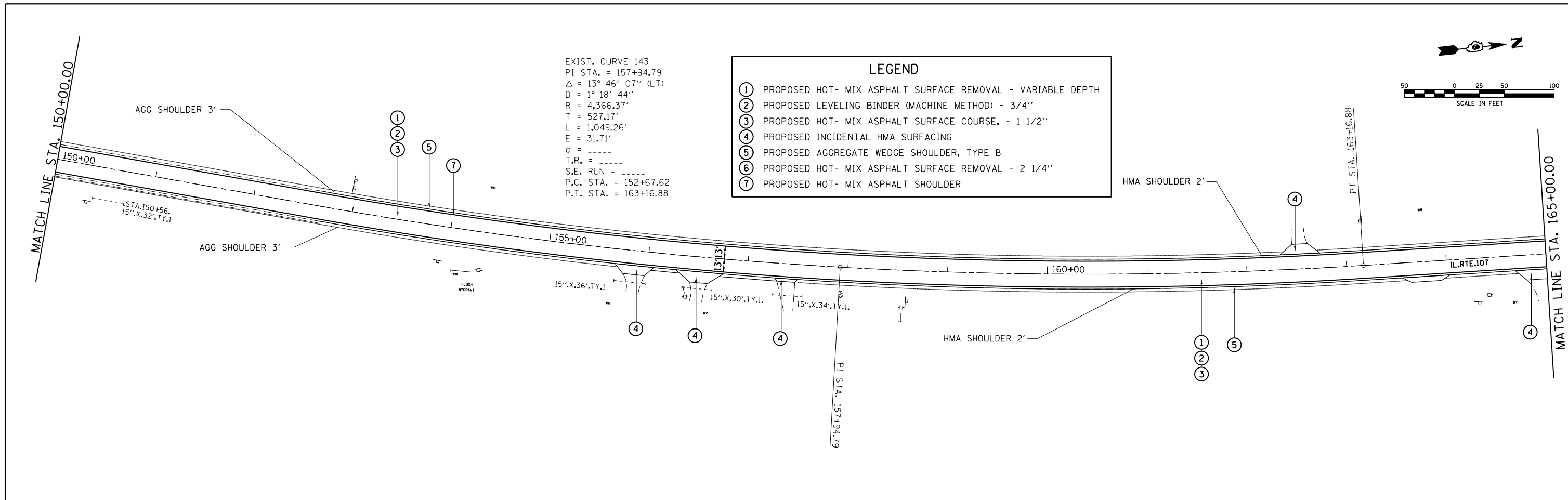
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Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 10/16/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET - US 54 /IL 107

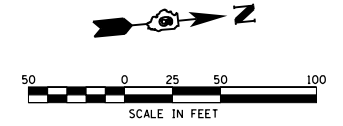
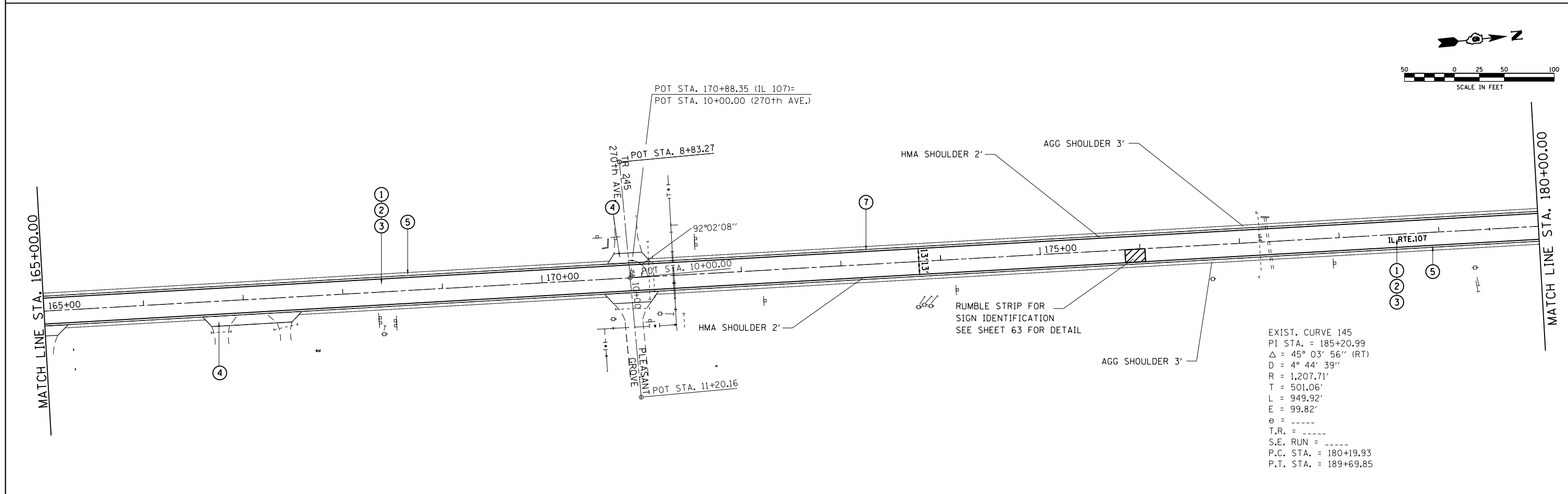
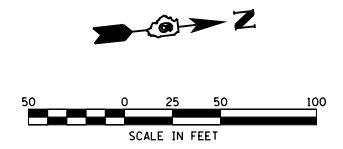
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	35
CONTRACT NO. 72C89			ILLINOIS FED. AID PROJECT	



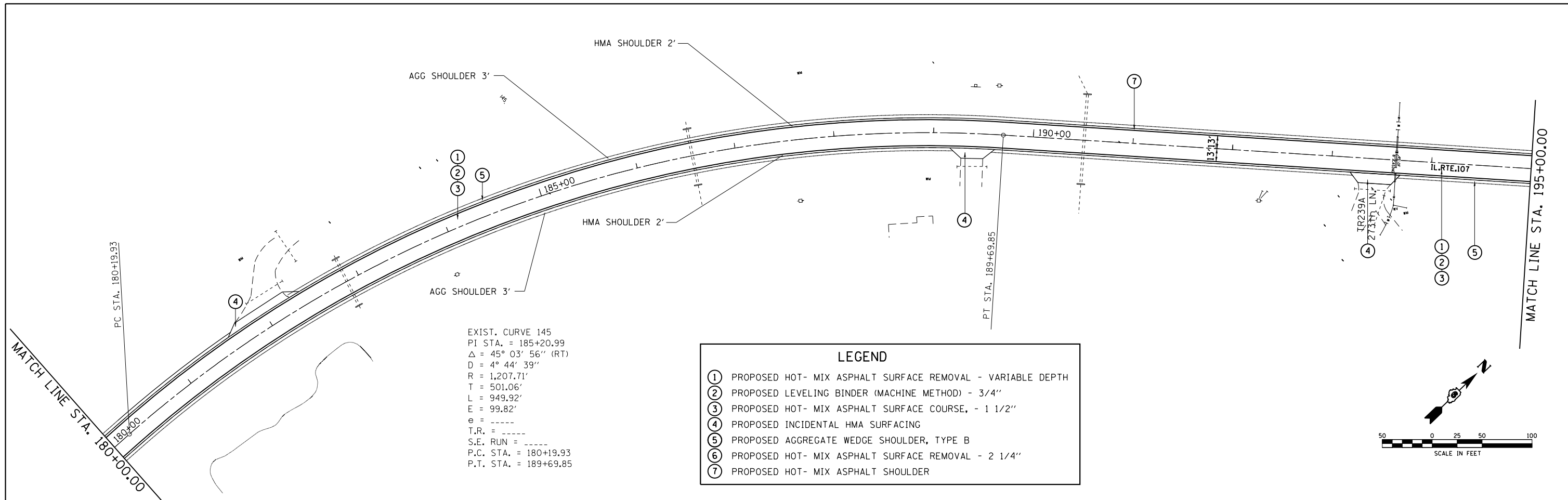
EXIST. CURVE 143
 PI STA. = 157+94.79
 $\Delta = 13^\circ 46' 07''$ (LT)
 $D = 1^\circ 18' 44''$
 $R = 4,366.37'$
 $T = 527.17'$
 $L = 1,049.26'$
 $E = 31.71'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 152+67.62
 P.T. STA. = 163+16.88

LEGEND	
①	PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
②	PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4"
③	PROPOSED HOT- MIX ASPHALT SURFACE COURSE, - 1 1/2"
④	PROPOSED INCIDENTAL HMA SURFACING
⑤	PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
⑥	PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - 2 1/4"
⑦	PROPOSED HOT- MIX ASPHALT SHOULDER



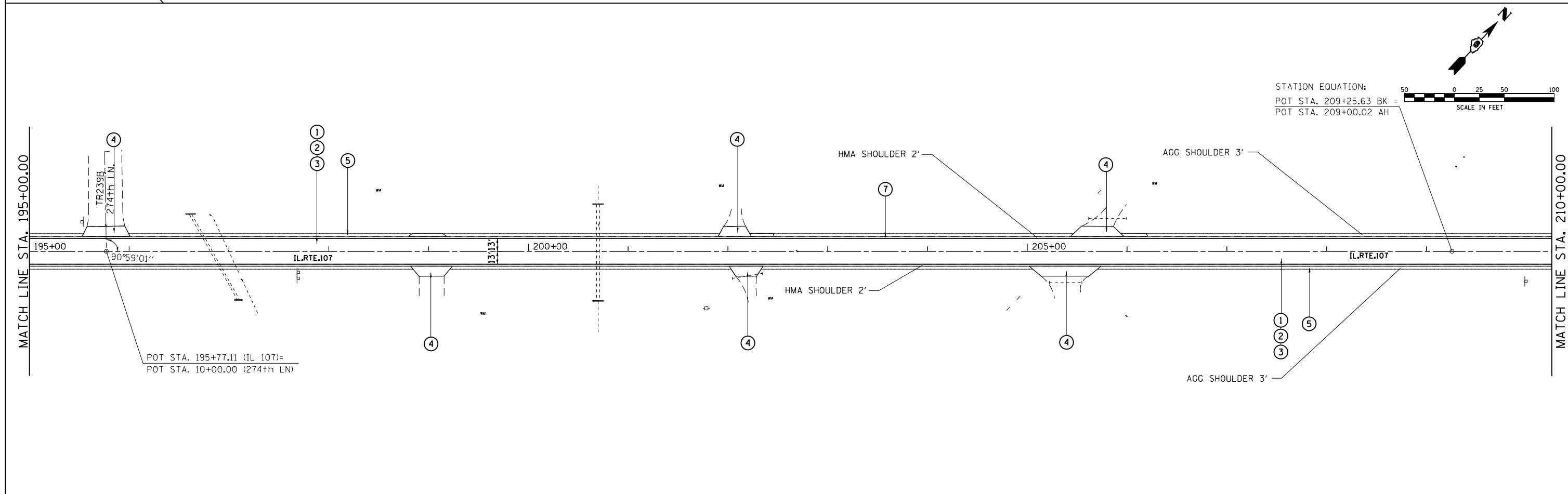
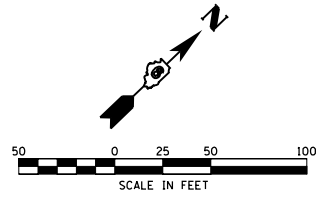
EXIST. CURVE 145
 PI STA. = 185+20.99
 $\Delta = 45^\circ 03' 56''$ (RT)
 $D = 4^\circ 44' 39''$
 $R = 1,207.71'$
 $T = 501.06'$
 $L = 949.92'$
 $E = 99.82'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 180+19.93
 P.T. STA. = 189+69.85

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - US 54 /IL 107	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 6\Projects\067222\BROWD\data\60\sheet\067222CB9-sht-dbl\	DESIGNED -	REVISED -	321			(107) RS-8, I-3	PIKE	70	37	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72CB9		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/16/2015	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA. TO STA.				



EXIST. CURVE 145
 PI STA. = 185+20.99
 $\Delta = 45^\circ 03' 56''$ (RT)
 $D = 4^\circ 44' 39''$
 $R = 1,207.71'$
 $T = 501.06'$
 $L = 949.92'$
 $E = 99.82'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 180+19.93$
 $P.T. \text{ STA.} = 189+69.85$

- LEGEND**
- ① PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - ② PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4"
 - ③ PROPOSED HOT- MIX ASPHALT SURFACE COURSE, - 1 1/2"
 - ④ PROPOSED INCIDENTAL HMA SURFACING
 - ⑤ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑥ PROPOSED HOT- MIX ASPHALT SURFACE REMOVAL - 2 1/4"
 - ⑦ PROPOSED HOT- MIX ASPHALT SHOULDER



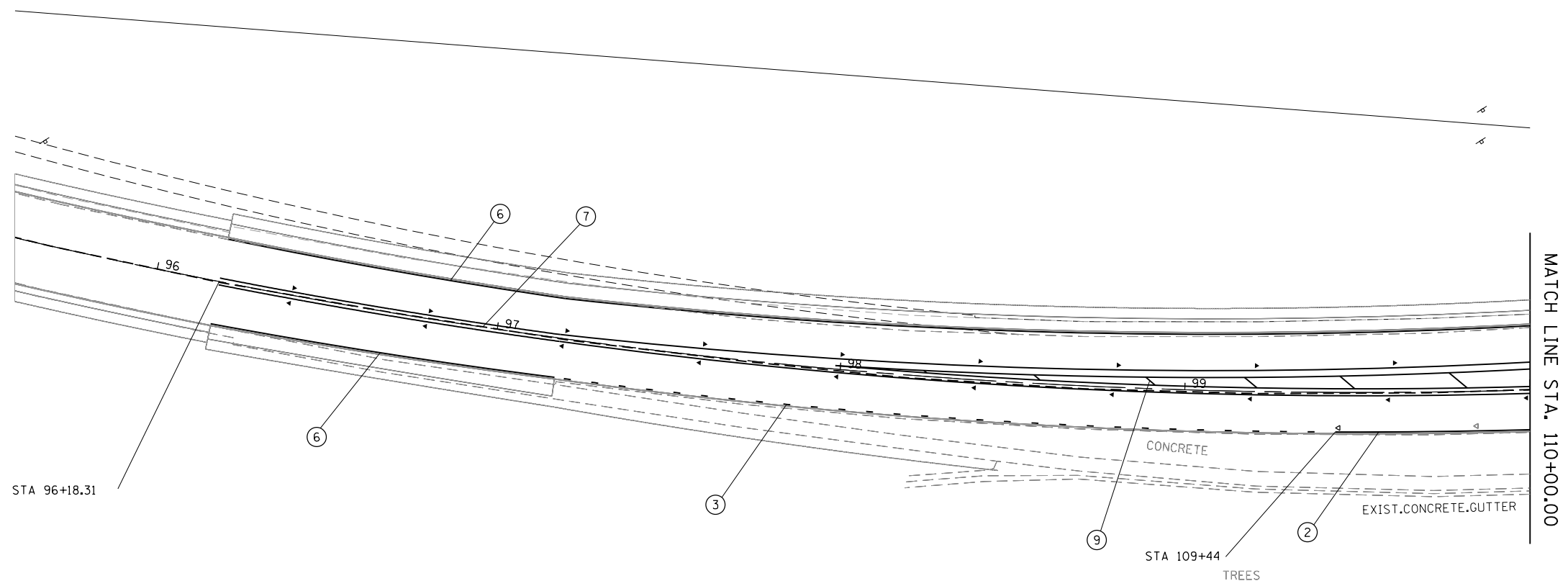
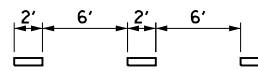
STATION EQUATION:
 POT STA. 209+25.63 BK =
 POT STA. 209+00.02 AH

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - US 54 /IL 107			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default								321	(107) RS-8, I-3	PIKE	70	38
					SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72CB9				
					ILLINOIS FED. AID PROJECT							

LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTER AND SYMBOLS
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5" (SKIP-DASH WHITE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (SOLID WHITE)
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (MINI SKIP-DASH WHITE)
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (SOLID WHITE)
- ⑥ MODIFIED POLYUREA PAVEMENT MARKING - LINE 5" (SOLID YELLOW)
- ⑦ MODIFIED POLYUREA PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- ⑧ MODIFIED POLYUREA PAVEMENT MARKING - LINE 5" (DOUBLE SOLID YELLOW)
- ⑨ MODIFIED POLYUREA PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑩ MODIFIED POLYUREA PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ⑪ MODIFIED POLYUREA PAVEMENT MARKING - LINE 12" (SOLID WHITE)

• MINI-SKIP DASH DETAIL



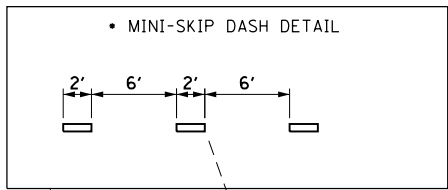
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

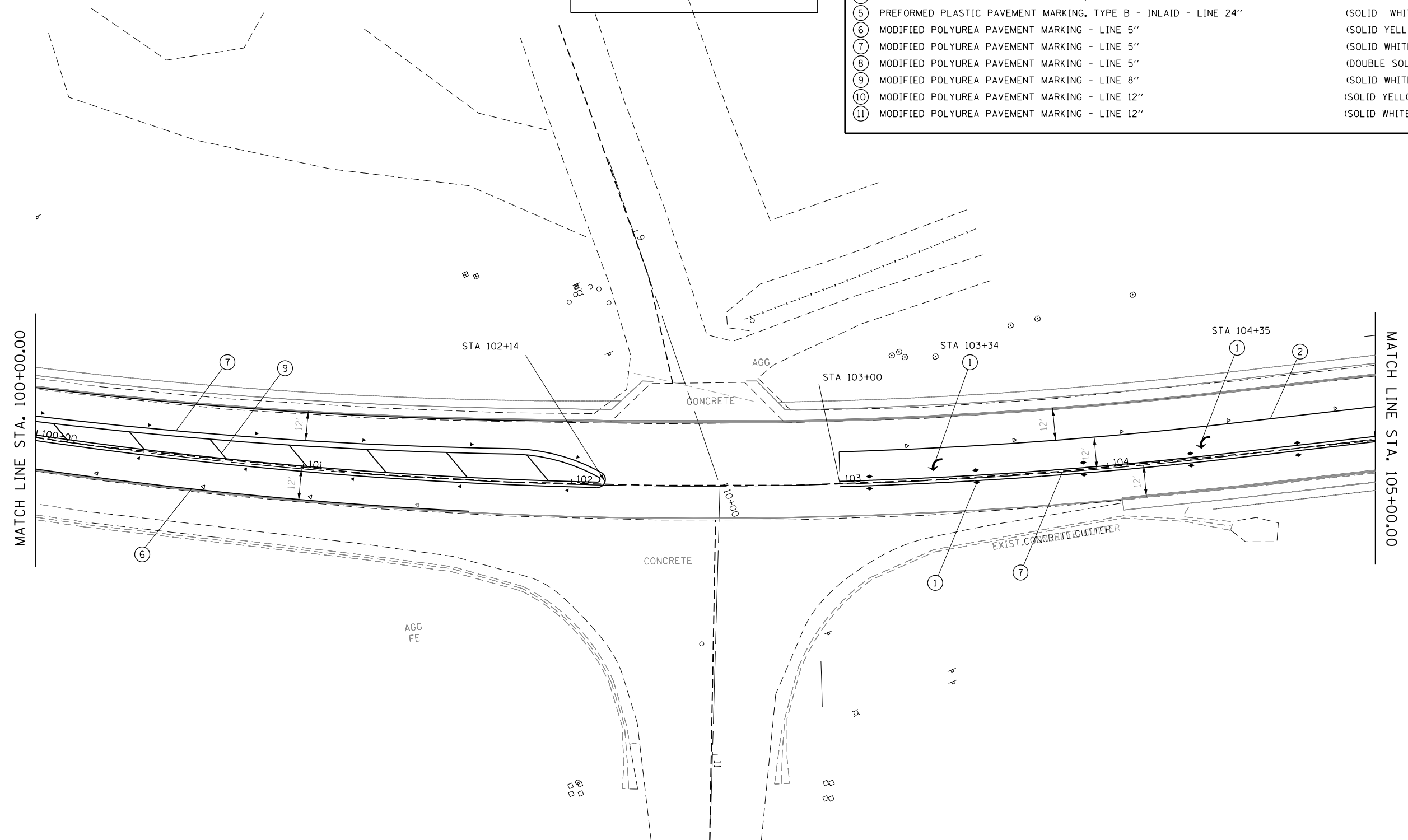
PAVEMENT MARKING DETAIL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	42
CONTRACT NO. 72C89			ILLINOIS FED. AID PROJECT	



LEGEND	
①	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTER AND SYMBOLS
②	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5" (SKIP-DASH WHITE)
③	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (SOLID WHITE)
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (MINI SKIP-DASH WHITE)
⑤	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (SOLID WHITE)
⑥	MODIFIED POLYUREA PAVEMENT MARKING - LINE 5" (SOLID YELLOW)
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⑩	MODIFIED POLYUREA PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
⑪	MODIFIED POLYUREA PAVEMENT MARKING - LINE 12" (SOLID WHITE)



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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

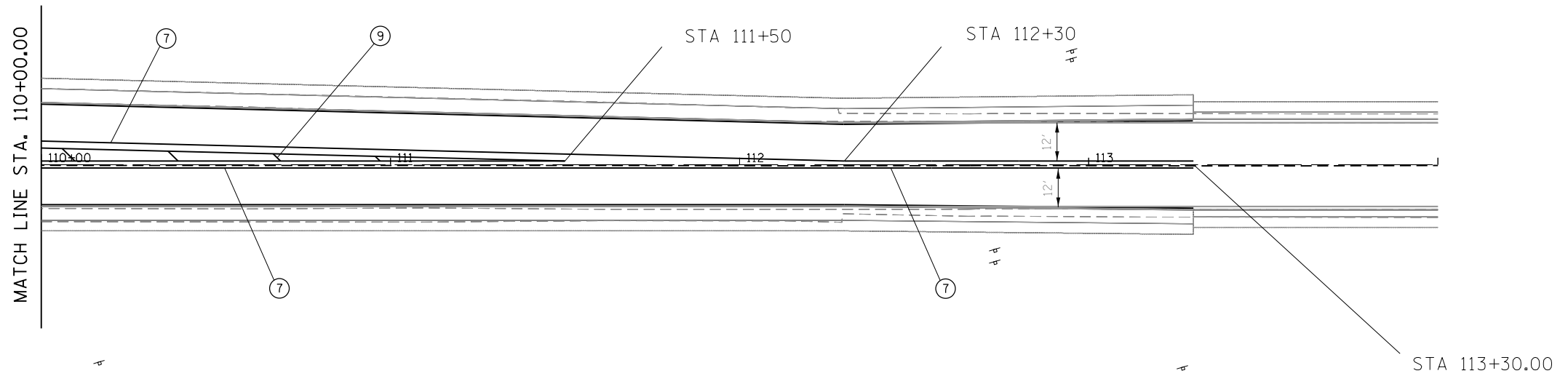
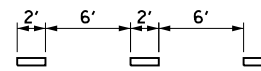
PAVEMENT MARKING DETAIL SHEETS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C89	

LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTER AND SYMBOLS
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5" (SKIP-DASH WHITE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (SOLID WHITE)
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- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (SOLID WHITE)
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- ⑪ MODIFIED POLYUREA PAVEMENT MARKING - LINE 12" (SOLID WHITE)

• MINI-SKIP DASH DETAIL



FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL SHEETS

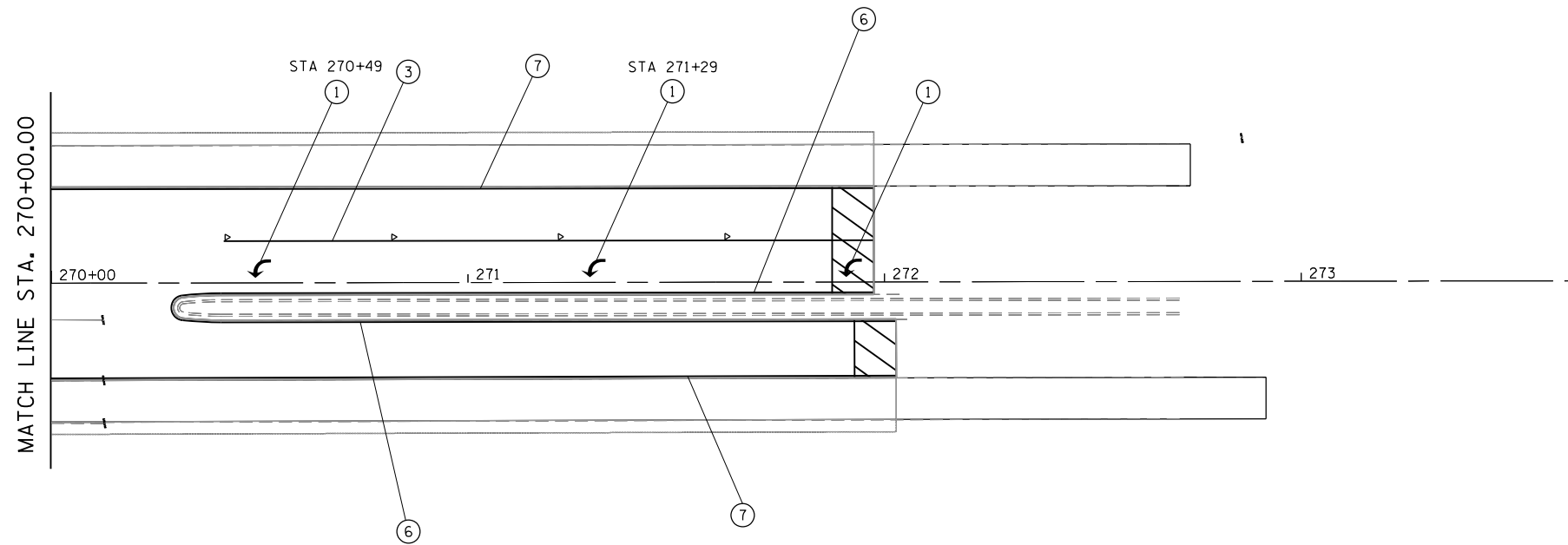
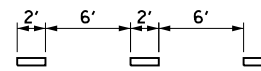
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(107) RS-8, I-3	PIKE	70	45
CONTRACT NO. 72C89			ILLINOIS FED. AID PROJECT	

LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTER AND SYMBOLS
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5" (SKIP-DASH WHITE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (SOLID WHITE)
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- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (SOLID WHITE)
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- ⑪ MODIFIED POLYUREA PAVEMENT MARKING - LINE 12" (SOLID WHITE)

• MINI-SKIP DASH DETAIL



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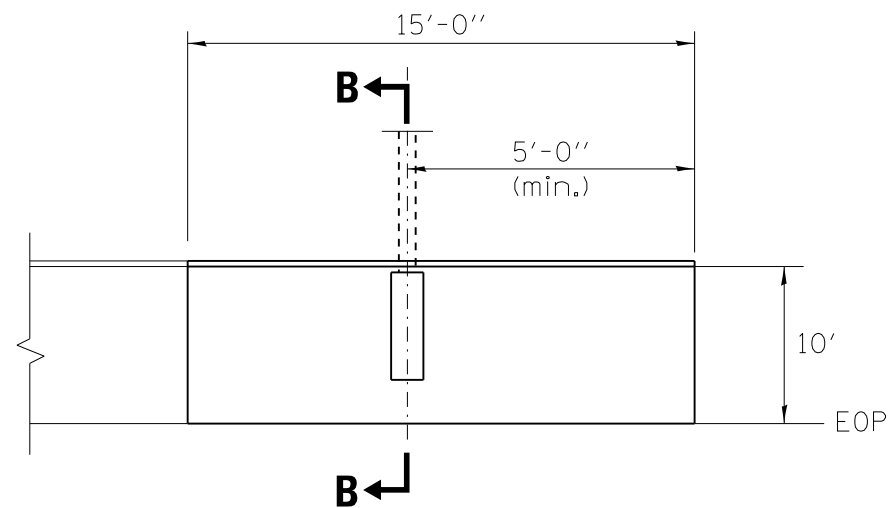
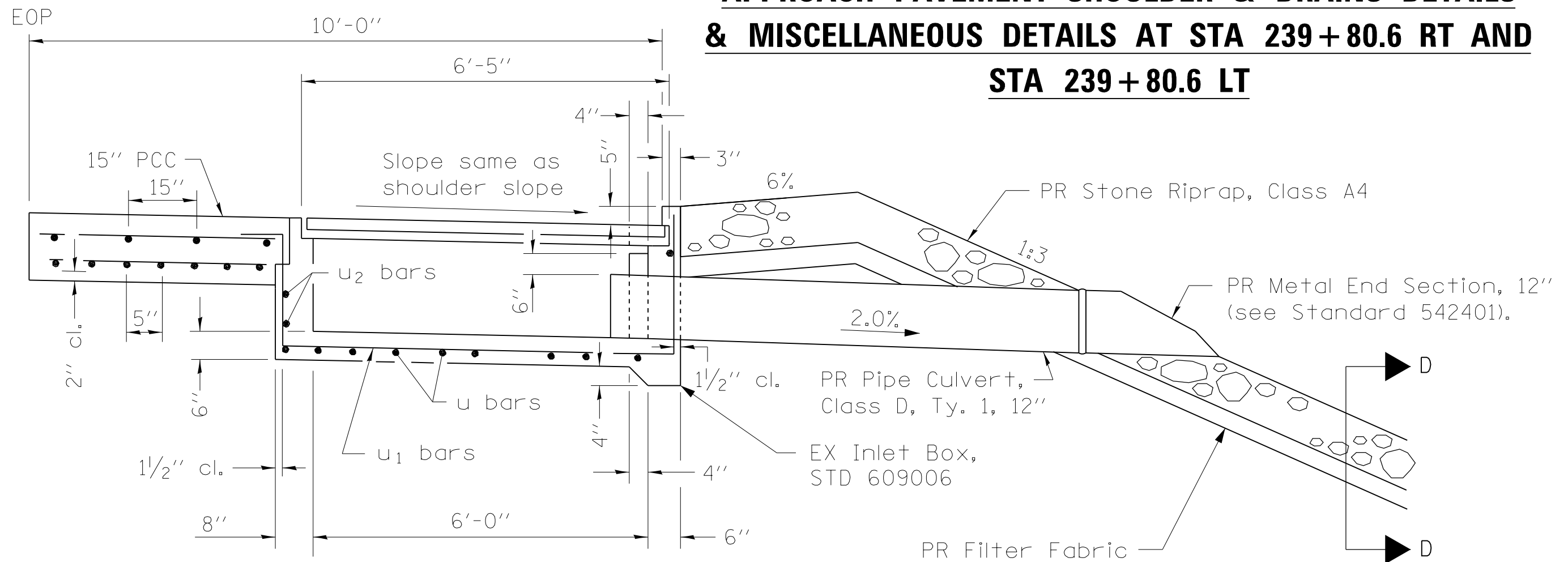
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

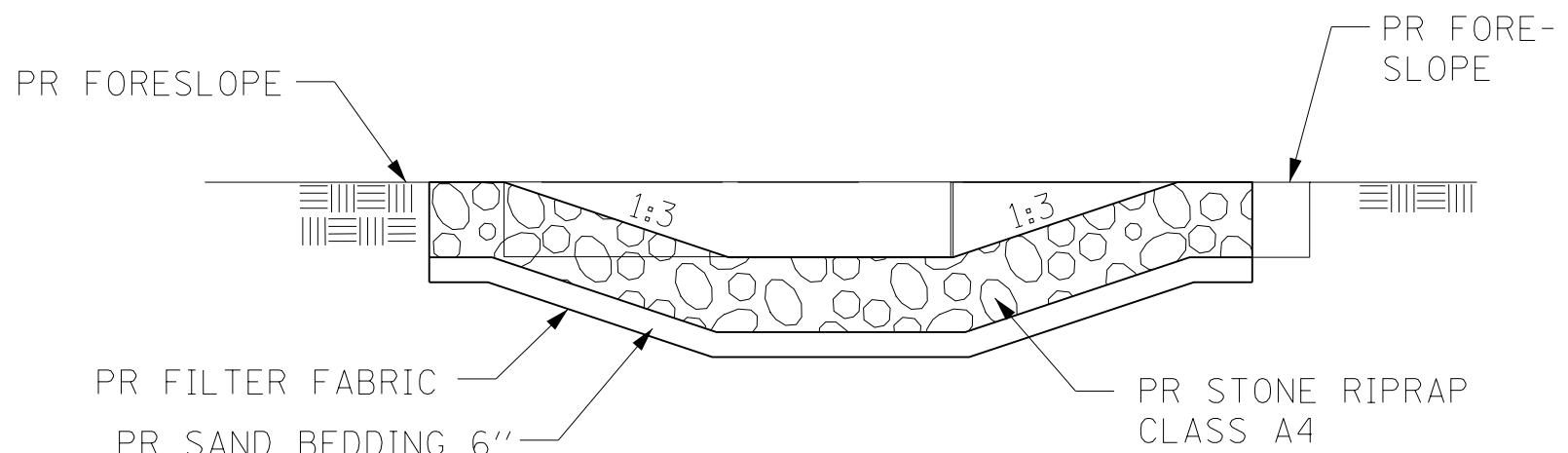
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321	(107) RS-8, I-3	PIKE	70	48
CONTRACT NO. 72C89			ILLINOIS FED. AID PROJECT	

APPROACH PAVEMENT SHOULDER & DRAINS DETAILS & MISCELLANEOUS DETAILS AT STA 239+80.6 RT AND STA 239+80.6 LT



**TYPICAL DETAIL PLAN
APPROACH SHOULDER &
DRAIN DETAIL**

SECTION B-B



SECTION D-D

INLET TYPE	SHOULDER WIDTH	0-0 GRATING FRAME	INLET BOX INSIDE WIDTH	INLET BOX INSIDE LENGTH
Type D	10'	6'-5"	6'-0"	18"



PROPOSED PAVMENT REMOVAL SPL

PRECAST CONC.
PR END SECTIONS
STA./116+00, 32' RT
US INV. = 685.89

PR 24" PIPE CULVERT

STA. 115+80
PR 5' MH TY A W/
TY 1 F & CL
INV. = 683.96
TOG = 686.71

PR 18" PIPE CULVERT
TYPE 1 CLASS A
PRECAST CONC.

PR END SECTION
STA. 115+80, 55' RT
INV. = 687.08

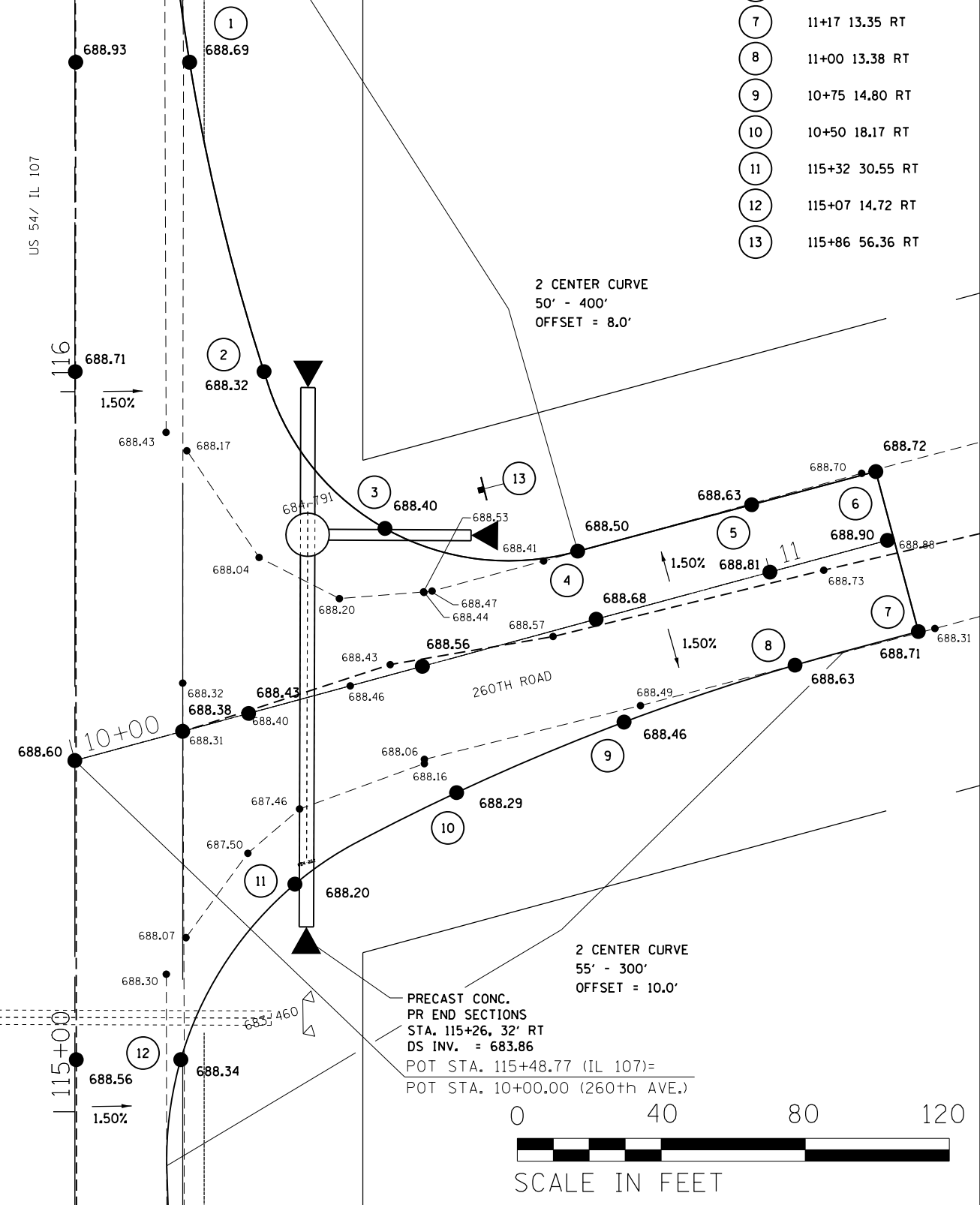
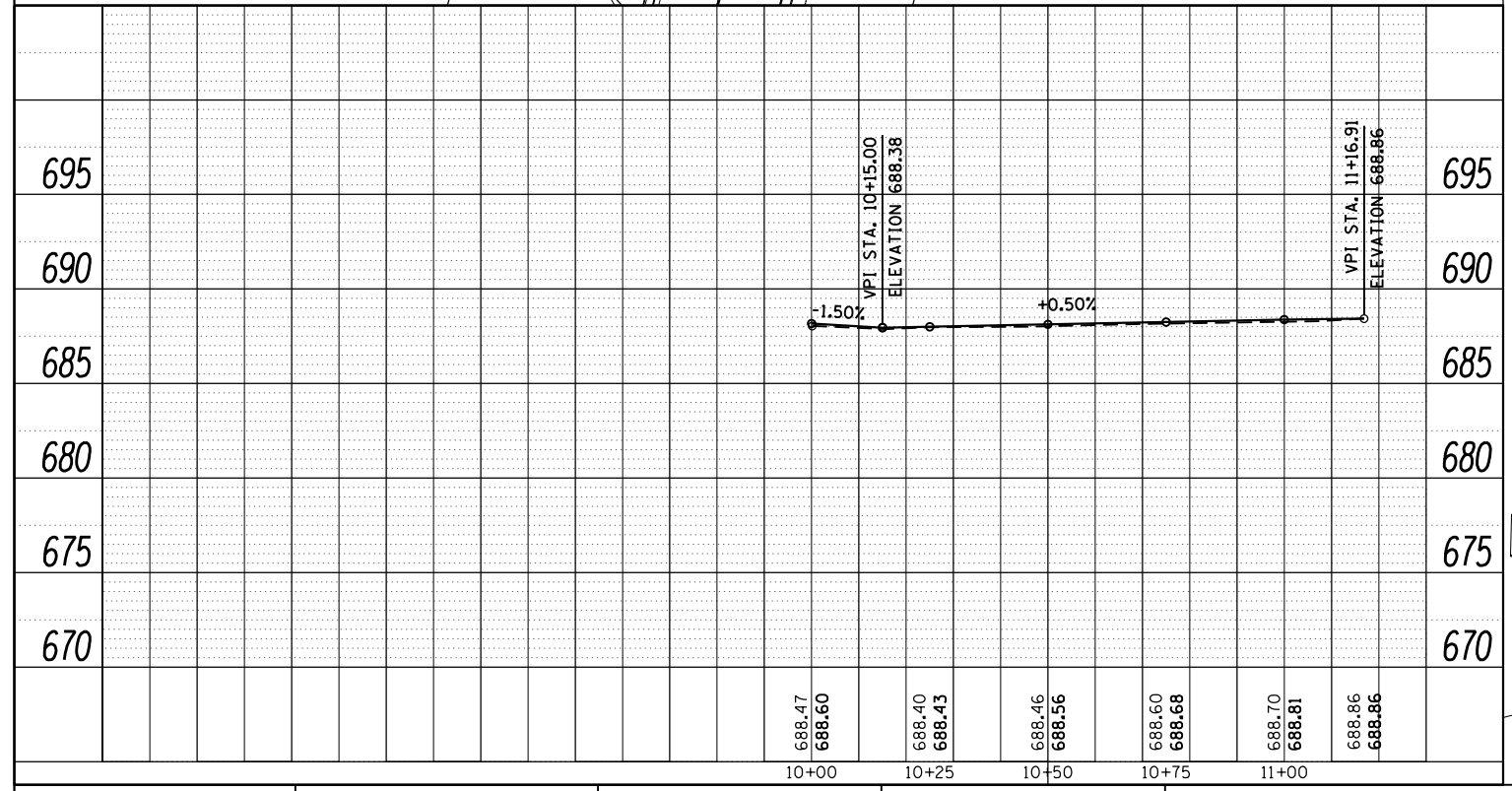
260TH ROAD

PROPOSED SUBBASE

END OF IMPROVEMENT
STA. 11+16.91

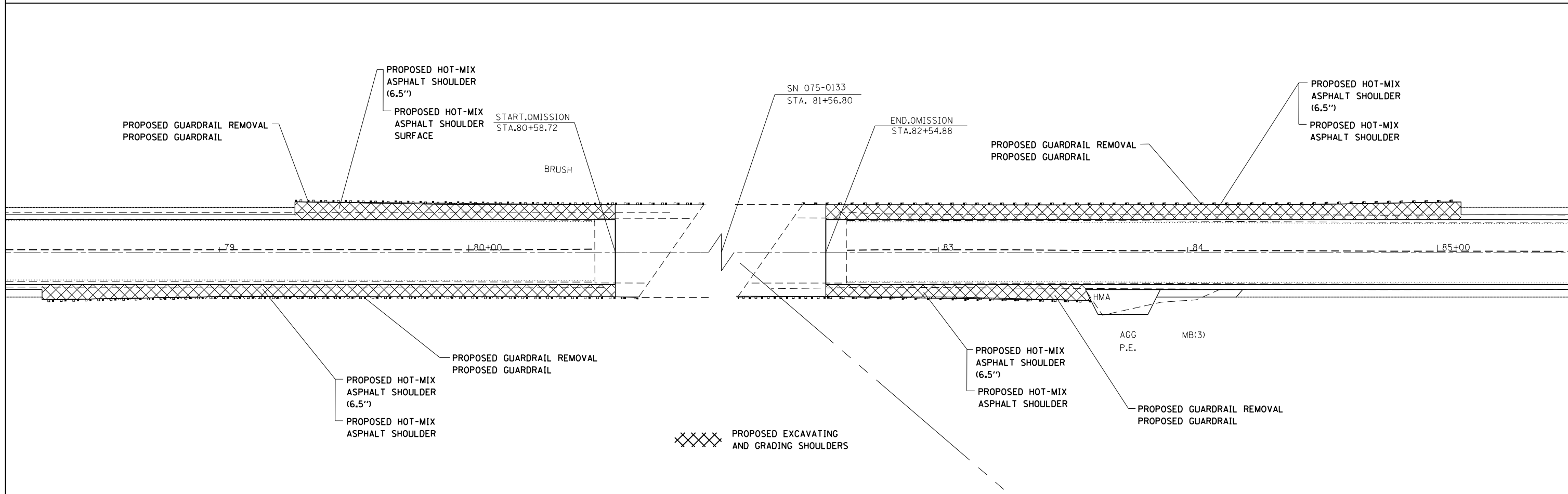
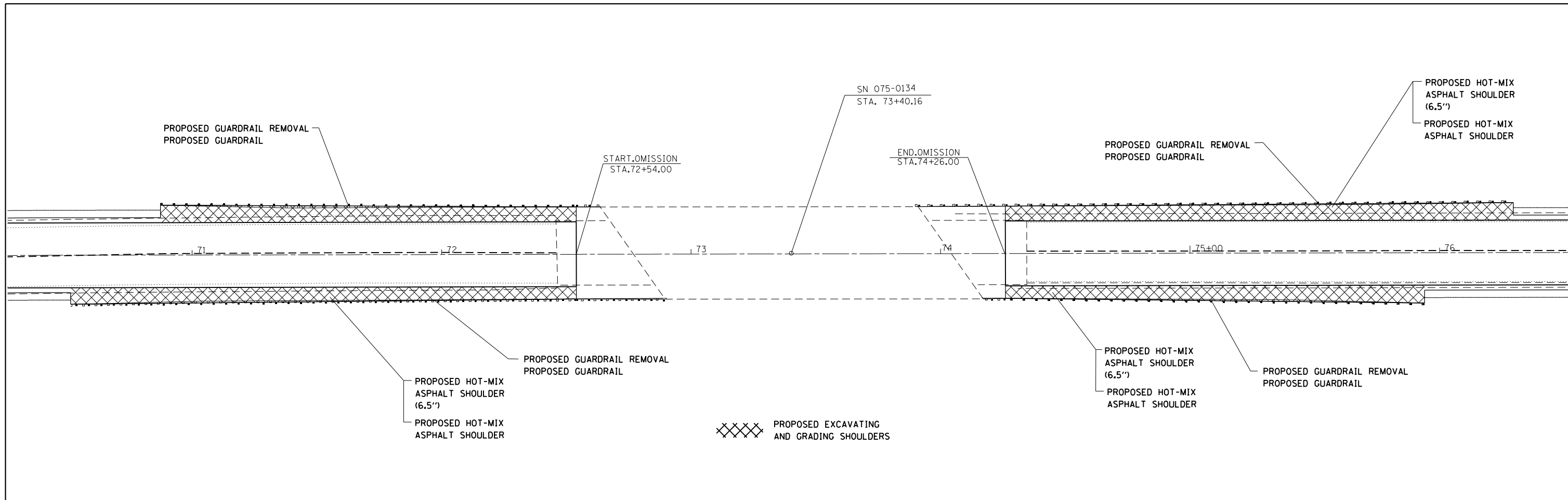
PRECAST CONC.
PR END SECTIONS
STA. 116+00, 32' RT
US INV. = 685.89

EXISTING CULVERT TO BE REMOVED
PROPOSED 75' CULVERT



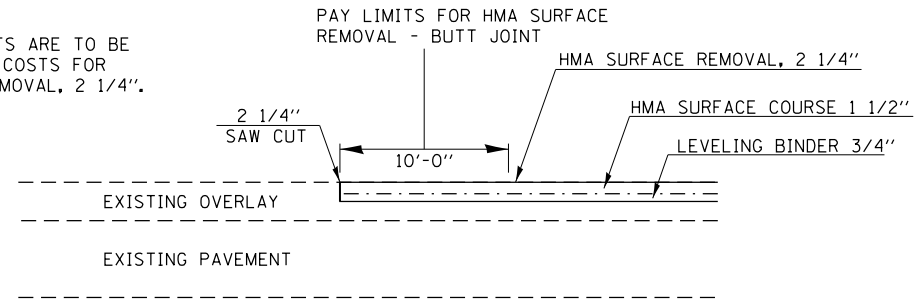
- 1 116+46 15.94 RT
- 2 116+03 26.27 RT
- 3 10+50 19.85 LT
- 4 10+75 9.80 LT
- 5 11+00 9.70 LT
- 6 11+17 9.63 LT
- 7 11+17 13.35 RT
- 8 11+00 13.38 RT
- 9 10+75 14.80 RT
- 10 10+50 18.17 RT
- 11 115+32 30.55 RT
- 12 115+07 14.72 RT
- 13 115+86 56.36 RT





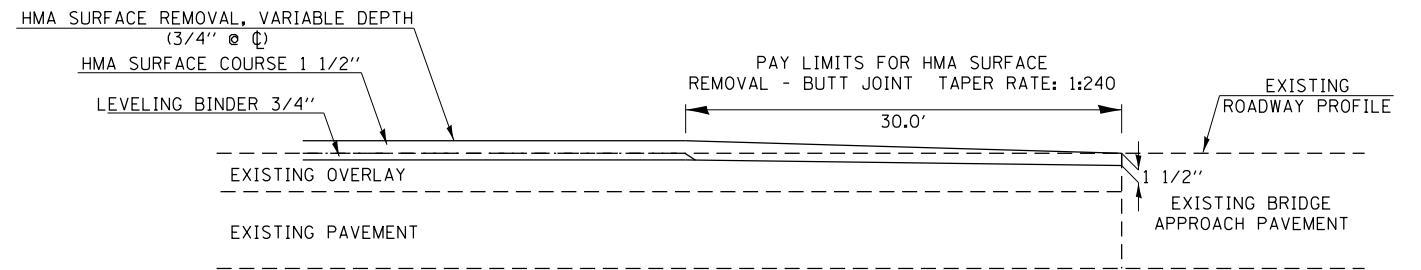
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Default	PLT DATE = 10/16/2015	DATE -	REVISED -			CONTRACT NO. 72C89					
						ILLINOIS FED. AID PROJECT					

NOTE:
PROPOSED SAWCUTS ARE TO BE INCLUDED IN THE COSTS FOR "HMA SURFACE REMOVAL, 2 1/4".



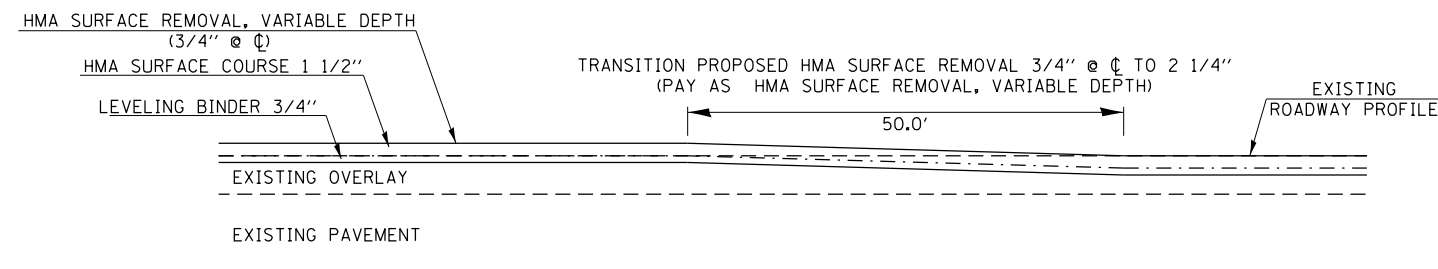
BUTT JOINT DETAIL #1

STA 31+95 - STA 31+85
 STA 271+87.37 (LT) - STA 271+97.37 (LT)
 STA 271+92.70 (RT) - STA 272+02.70 (RT)
 STA 18+86.16 (RAMP D) - STA 18+96.16 (RAMP D)
 STA 1+49.63 (RAMP C) - STA 1+59.63 (RAMP C)



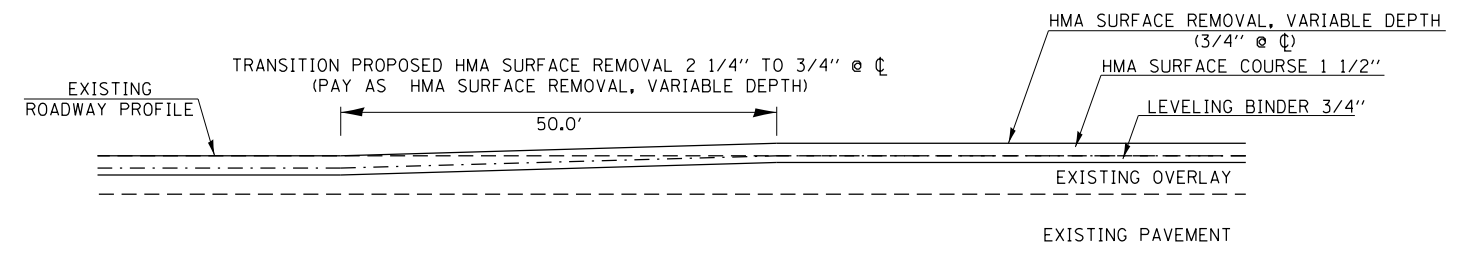
BUTT JOINT DETAIL #2

STA 72+24 - STA 72+54
 STA 74+26 - STA 74+56
 STA 80+28.72 - STA 80+58.72
 STA 82+54.88 - STA 82+84.88
 STA 238+32 - STA 238+62
 STA 239+92 - STA 240+22



TRANSITION RAMP DETAIL #1

STA 87+29.00 - STA 87+79.00
 STA 96+68.32 - STA 97+18.32
 STA 218+87.00 - STA 219+37.00
 STA 243+10.00 - STA 243+60.00
 STA 262+04.14 - STA 262+54.14



TRANSITION RAMP DETAIL #2

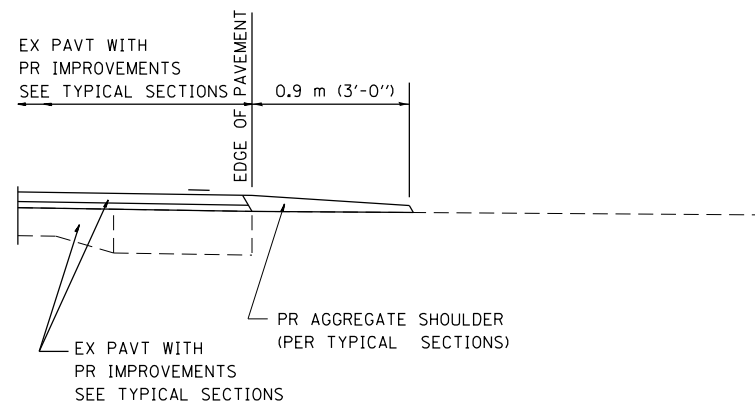
STA 42+59.10 - STA 43+09.10
 STA 93+60.00 - STA 94+10.00
 STA 104+35.00 - STA 104+85.00
 STA 232+00.00 - STA 232+50.00
 STA 251+46.00 - STA 251+96.00

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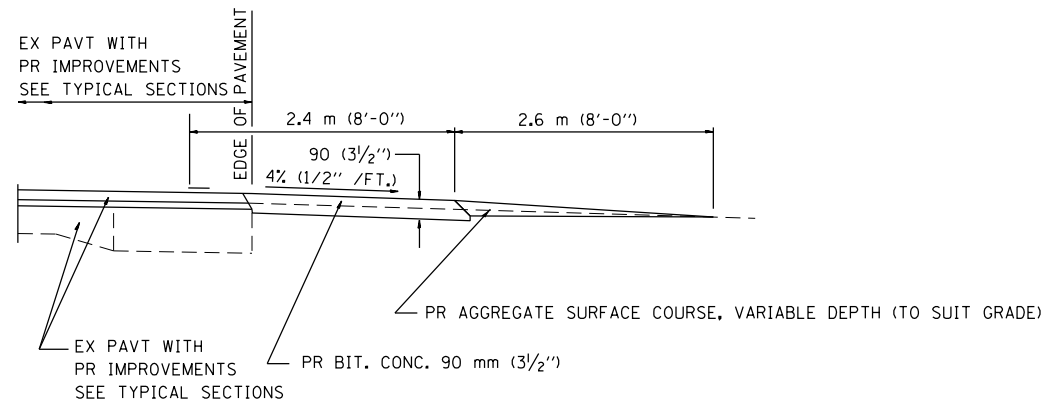
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND TRANSITION DETAIL			
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

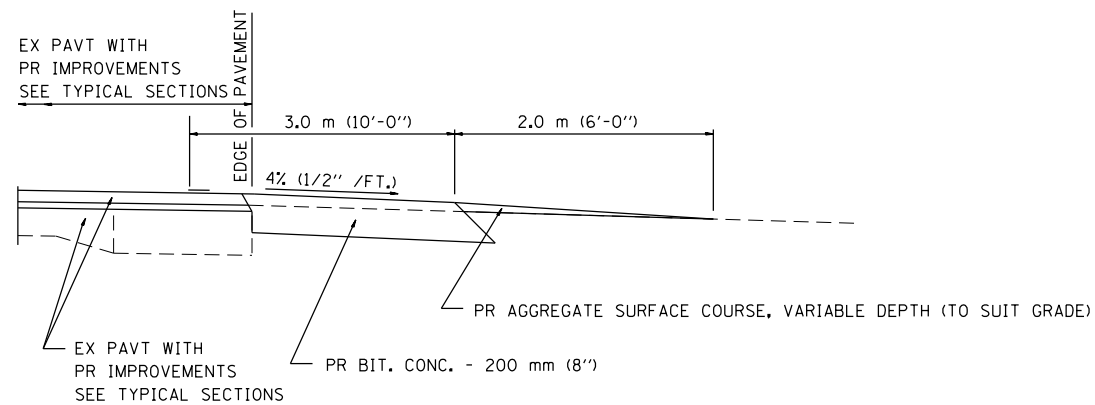
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CONTRACT NO. 72C89				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



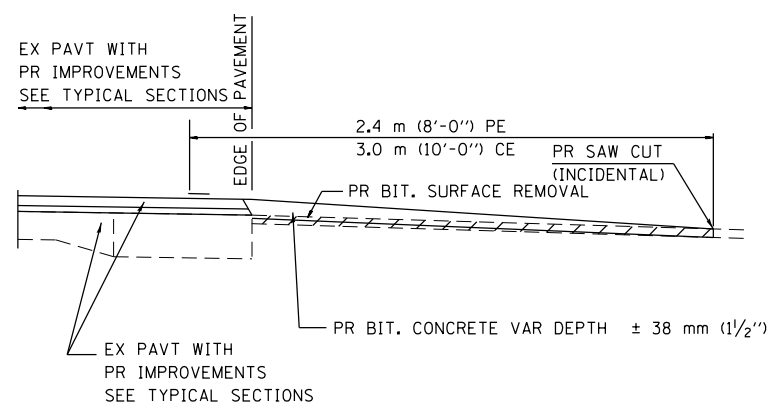
SECTION A-A FOR EX EARTH/ AGGREGATE FE



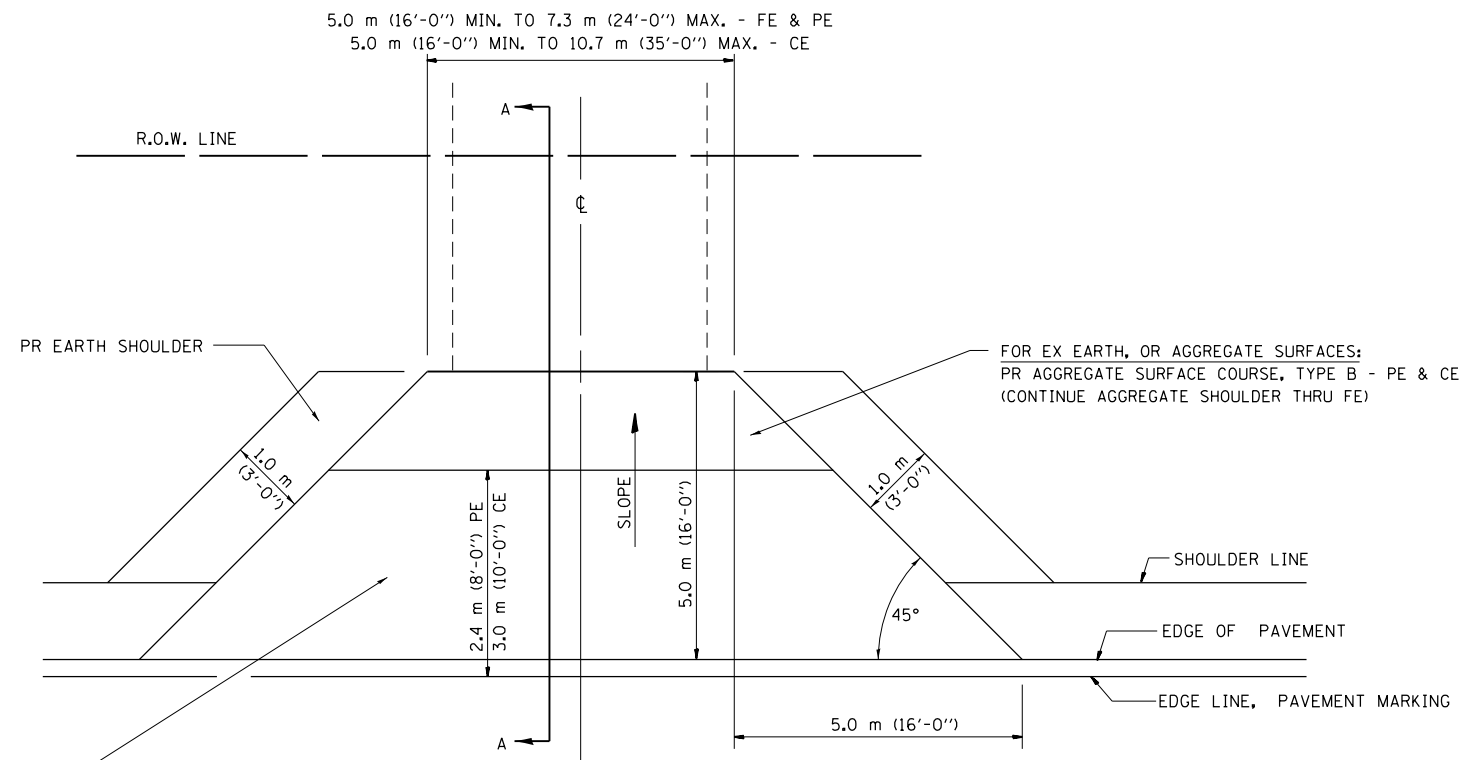
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
 PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR BITUMINOUS OR P.C. CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL, VARIABLE DEPTH

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

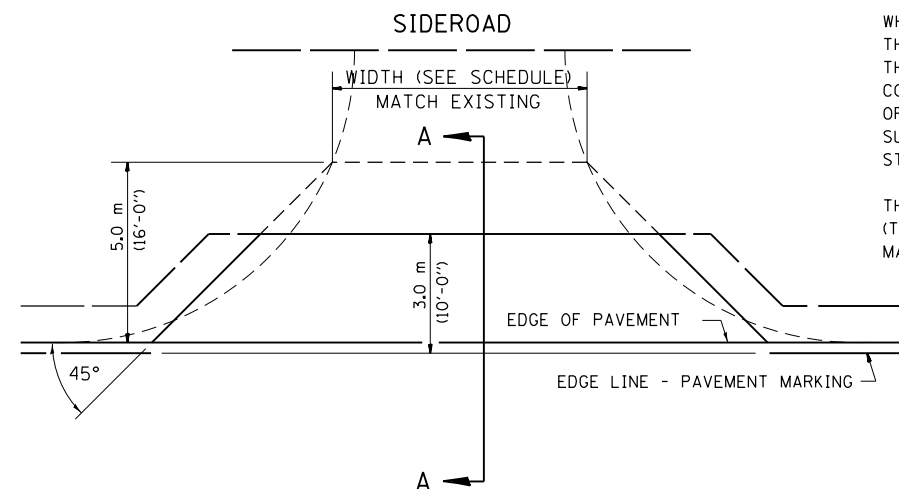
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE C, CLASS I, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METRIC TON (TON) FOR "INCIDENTAL BITUMINOUS SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.



FILE NAME =	USER NAME = Verenskif	DESIGNED - JCN	REVISED -
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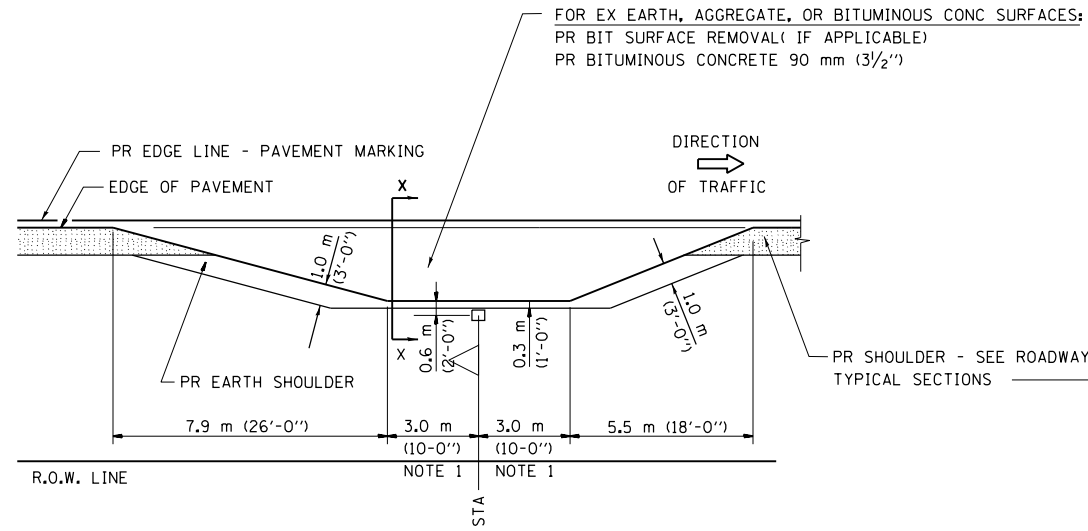
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS FOR ENTRANCE,
 MAILBOX TURNOUT & SIDE ROAD

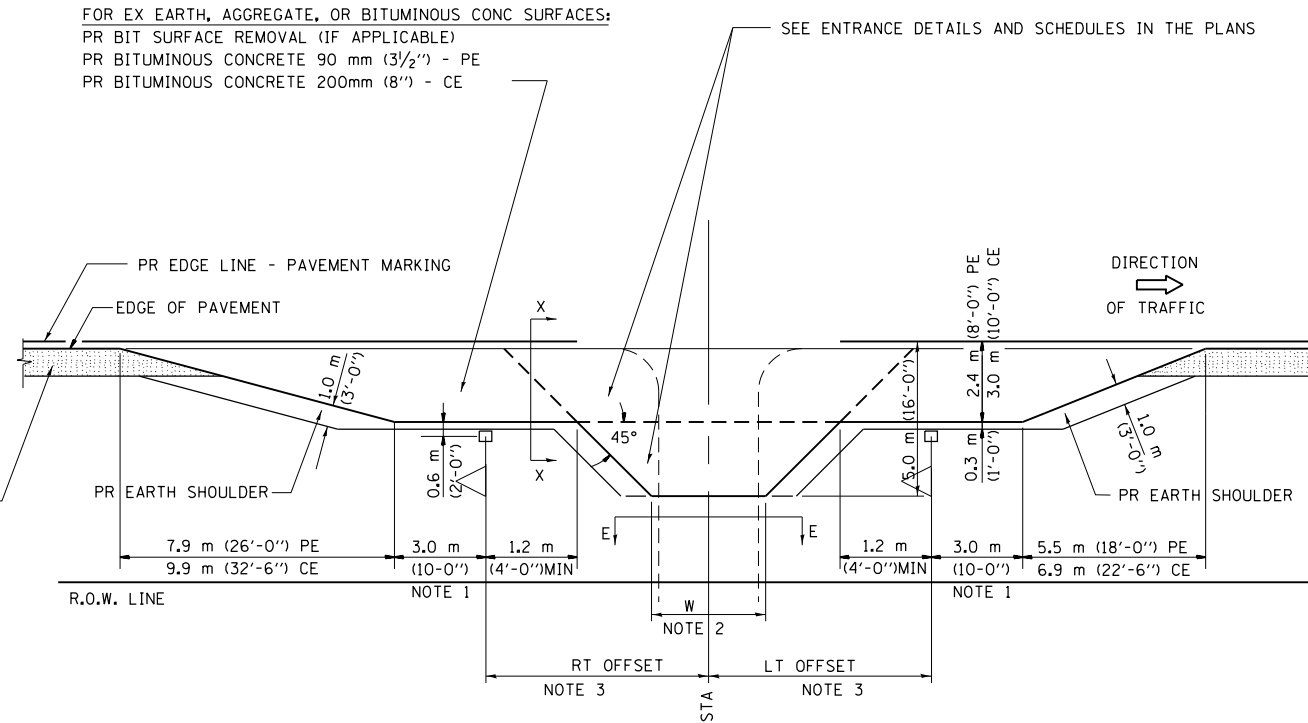
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72c89				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

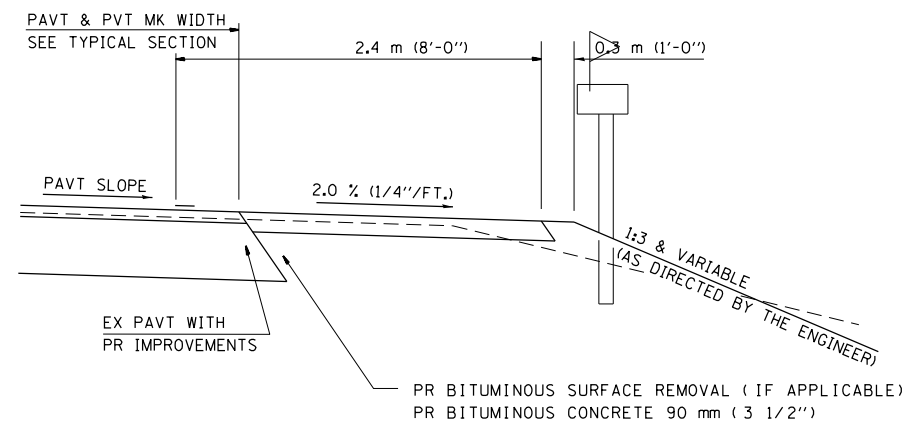
DETAILS OF MAILBOX TURNOUTS



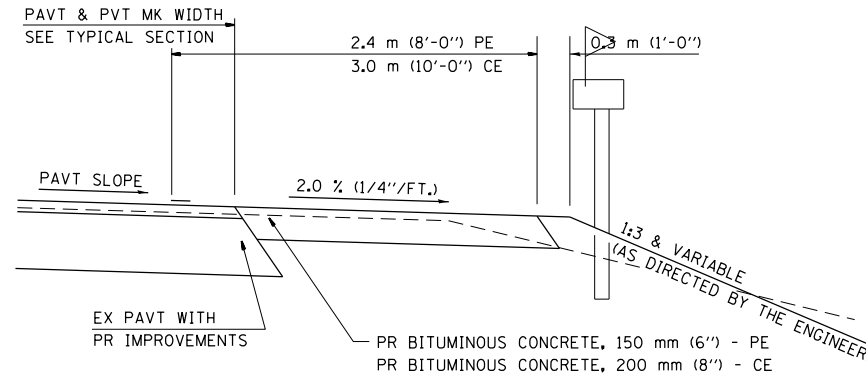
PLAN - MAILBOX TURNOUTS



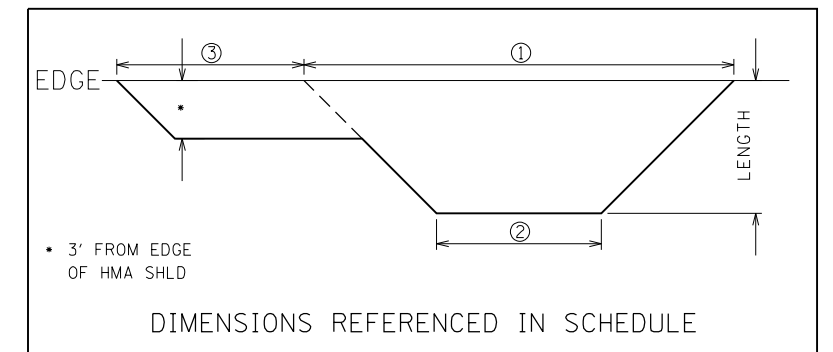
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE



DIMENSIONS REFERENCED IN SCHEDULE

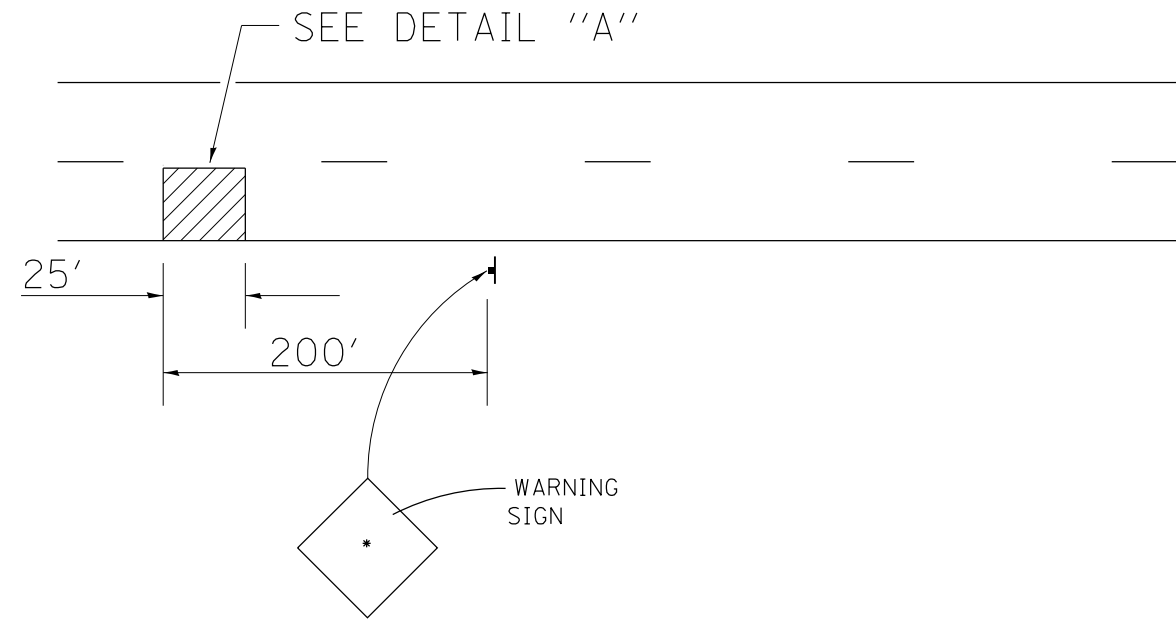
- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.

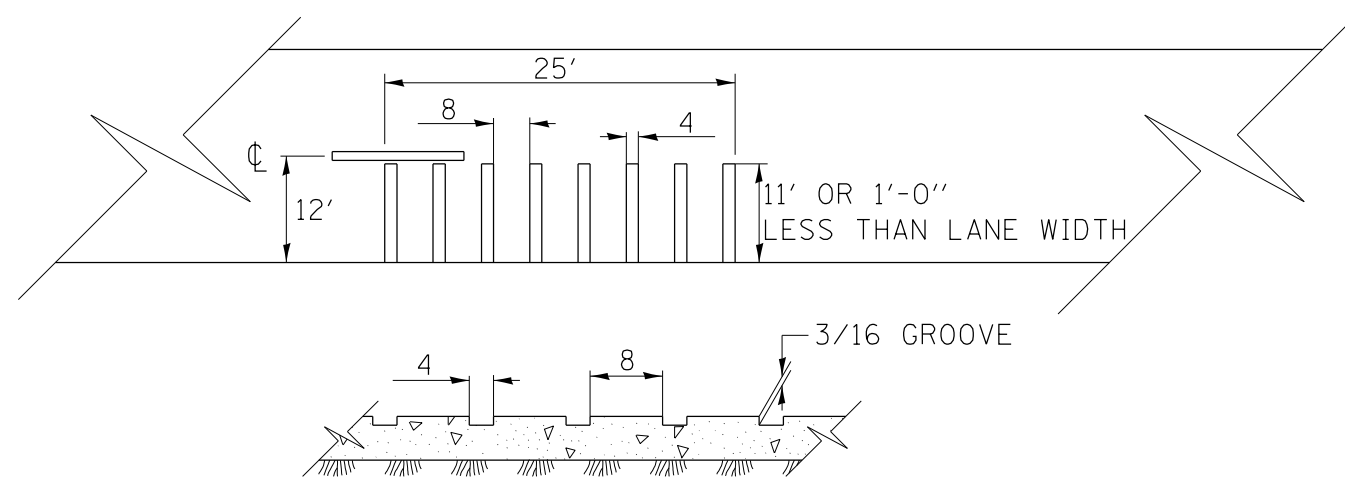
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ENT PPP.DGN		CHECKED - JCN	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	321	(107) RS-8, I-3	PIKE	70	55
		DATE - 2/23/99	REVISED -					CONTRACT NO. 72C89					
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

ENTRANCE AND SIDEROAD IMPROVEMENT SCHEDULE												
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH 1	WIDTH 2	WIDTH 3	LENGTH (FROM EDGE OF PAVEMENT)	LENGTH (FROM EDGE OF SHOULDER)	PROPOSED HMA THICKNESS	HMA SURFACE REMOVAL, BUTT JOINT	BITUMINOUS PRIME COAT	AGGREGATE PRIME COAT	INCIDENTAL HMA SURFACE
(LT/RT)(STA) (+)	(FE/PE/CE/MB)	(EARTH/AGG./BIT./P.C.C.)	FOOT	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	TON	TON	TON
RT STA 43+19.00	P.E.	BIT	31	19	19		10	1.50	34.1	0.01	0.07	2.87
RT STA 44+54.00	P.E.	BIT	35	15	15		10	1.50	32.8	0.01	0.07	2.75
LT STA 45+28.00	C.E.	BIT	46	25	-		11	1.50	43.4	0.02	0.09	3.64
RT STA 45+85.00	P.E.	BIT	35	17	17		10	1.50	34.6	0.01	0.07	2.90
RT STA 46+36.00	P.E.	BIT	34	17	-		10	1.50	28.3	0.01	0.06	2.38
RT STA 46+95.00	P.E.	BIT	45	26	-		8	1.50	31.6	0.01	0.06	2.65
LT STA 47+82.00	C.E.	BIT	58	33	-		12	1.50	60.7	0.02	0.12	5.10
RT STA 49+61.00	P.E.	BIT	40	20	-		9	1.50	30.0	0.01	0.06	2.52
RT STA 54+30.00	C.E.	BIT	104	32	-		13	1.50	98.2	0.04	0.20	8.25
RT STA 55+72.00	P.E.	BIT	35	23	24		10	1.50	40.2	0.02	0.08	3.38
LT STA 56+12.22	TR 1515 N.	BIT	64	37	-		10	1.50	56.1	0.02	0.11	4.71
RT STA 60+66.00	P.E.	BIT	65	47	-		10	1.50	62.2	0.02	0.12	5.23
RT STA 62+91.00	P.E.	BIT	40	16	23		10	1.50	38.8	0.01	0.08	3.26
RT STA 66+64.00	P.E.	BIT	81	44	-		11	1.50	76.4	0.03	0.15	6.42
RT STA 83+74.00	P.E.	BIT	30	20	33		10	1.50	38.8	0.01	0.08	3.26
RT STA 86+59.00	C.E.	BIT	36	20	30		10	1.50	41.1	0.02	0.08	3.45
LT STA 90+50.00	C.E.	BIT	65	57	-		10	2.25	67.8	0.03	0.14	8.54
LT STA 91+23.00	C.E.	BIT	75	56	-		10	2.25	72.8	0.03	0.15	9.17
LT STA 114+83.00	P.E.	BIT	38	25	-		10	1.50	35.0	0.01	0.07	2.94
RT STA 115+48.77	260TH AVE.	BIT	69	23	-		25	1.50	127.8	0.05	0.26	10.73
RT STA 123+48.00	MB	BIT	37	21	-		5	1.50	16.1	0.01	0.03	1.35
LT STA 123+60.00	P.E.	BIT	30	15	-		10	1.50	25.0	0.01	0.05	2.10
RT STA 131+54.00	C.E.	BIT	148	125	-		8	1.50	121.3	0.05	0.24	10.19
RT STA 146+59.00	P.E.	BIT	30	20	-		5	1.50	13.9	0.01	0.03	1.17
RT STA 146+93.00	MB	BIT	37	30	-		3	1.50	11.2	0.00	0.02	0.94
LT STA 147+30.00	P.E.	BIT	35	20	-		10	1.50	30.6	0.01	0.06	2.57
RT STA 155+87.00	P.E.	BIT	39	22	27		9	1.50	39.5	0.02	0.08	3.32
RT STA 156+52.00	P.E.	BIT	48	18	57		11	1.50	59.3	0.02	0.12	4.98
RT STA 157+39.00	P.E.	BIT	23	18	-		3	1.50	6.8	0.00	0.01	0.57
LT STA 162+54.00	P.E.	BIT	40	16	-		10	1.50	31.1	0.01	0.06	2.61
RT STA 163+79.00	MB	BIT	48	30	-		5	1.50	21.7	0.01	0.04	1.82
RT STA 164+96.00	C.E.	BIT	55	33	-		10	1.50	48.9	0.02	0.10	4.11
RT STA 166+76.00	P.E.	BIT	35	18	-		10	1.50	29.4	0.01	0.06	2.47
RT STA 167+08.00	MB	BIT	30	30	-		10	1.50	33.3	0.01	0.07	2.80
RT STA 167+40.00	P.E.	BIT	36	15	-		10	1.50	28.3	0.01	0.06	2.38
RT STA 170+88.35	PLEASANT GROVE	BIT	54	38	-		10	1.50	51.1	0.02	0.10	4.29
LT STA 170+88.35	270TH AVE.	BIT	43	28	-		10	1.50	39.4	0.01	0.08	3.31
LT STA 181+83.00	P.E.	BIT	53	27	20		8	1.50	42.2	0.02	0.08	3.55
RT STA 189+39.00	P.E.	BIT	45	22	-		10	1.50	37.2	0.01	0.07	3.13
RT STA 193+44.00	273RD LN.	BIT	50	33	-		10	1.50	46.1	0.02	0.09	3.87
LT STA 195+77.11	274TH LN.	BIT	48	37	-		10	1.50	47.2	0.02	0.09	3.97
LT STA 198+99.00	MB	BIT	38	30	-		3	1.50	11.3	0.00	0.02	0.95
RT STA 199+03.00	P.E.	BIT	42	25	-		10	1.50	37.2	0.01	0.07	3.13
LT STA 202+07.00	P.E.	BIT	33	22	23		10	1.50	38.2	0.01	0.08	3.21
RT STA 202+18.00	P.E.	BIT	34	21	-		10	1.50	30.6	0.01	0.06	2.57
RT STA 205+38.00	P.E.	BIT	72	48	-		10	1.50	66.7	0.03	0.13	5.60
LT STA 205+70.00	P.E.	BIT	53	32	24		10	1.50	55.2	0.02	0.11	4.64
LT STA 215+01.00	P.E.	BIT	55	37	20		10	1.50	57.8	0.02	0.12	4.85
LT STA 219+05.00	P.E.	BIT	21	13	-		10	2.25	18.9	0.01	0.04	2.38
RT STA 220+26.00	F.E.	AGG	-	-	-		NO IMPROVEMENT	-	-	-	-	-
LT STA 234+32.94	280TH AVE.	BIT	62	34	-		10	1.50	53.3	0.02	0.11	4.48
RT STA 236+03.00	P.E.	BIT	50	42	-		12	1.50	61.3	0.02	0.12	5.15
RT STA 241+73.00	F.E.	AGG	-	-	-		NO IMPROVEMENT	-	-	-	-	-
RT STA 259+97.00	P.E.	BIT	34	18	-		10	1.50	28.9	0.01	0.06	2.43
LT STA 260+39.00	F.E.	AGG	-	-	-		NO IMPROVEMENT	-	-	-	-	-
LT STA 260+55.00	MB	BIT	20	15	-		3	1.50	5.8	0.00	0.01	0.49
RT STA 263.41.00	F.E.	AGG	-	-	-		NO IMPROVEMENT	-	-	-	-	-
TOTAL =									2295.7	0.9	4.6	199.5

RUMBLE STRIP FOR SIGN IDENTIFICATION



GROOVED



DETAIL "A"

NOTES

THE GROOVES SHALL BE CONSTRUCTED WITH A MILLING MACHINE CAPABLE OF COLD MILLING THE EXISTING SURFACE IN THE PATTERN SHOWN.

RUMBLE RESURFACING SHALL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS. THE LENGTH SHALL BE THE DISTANCE FROM OUTSIDE EDGE TO OUTSIDE EDGE OF THE GROOVE WHICH WILL BE APPROXIMATELY 25'. THE WIDTH SHALL BE 1' LESS THAN LANE WIDTH.

RUMBLE STRIPS SHALL BE CONSTRUCTED AS SHOWN AND PAID FOR PER SQUARE YARD AS RUMBLE RESURFACING.

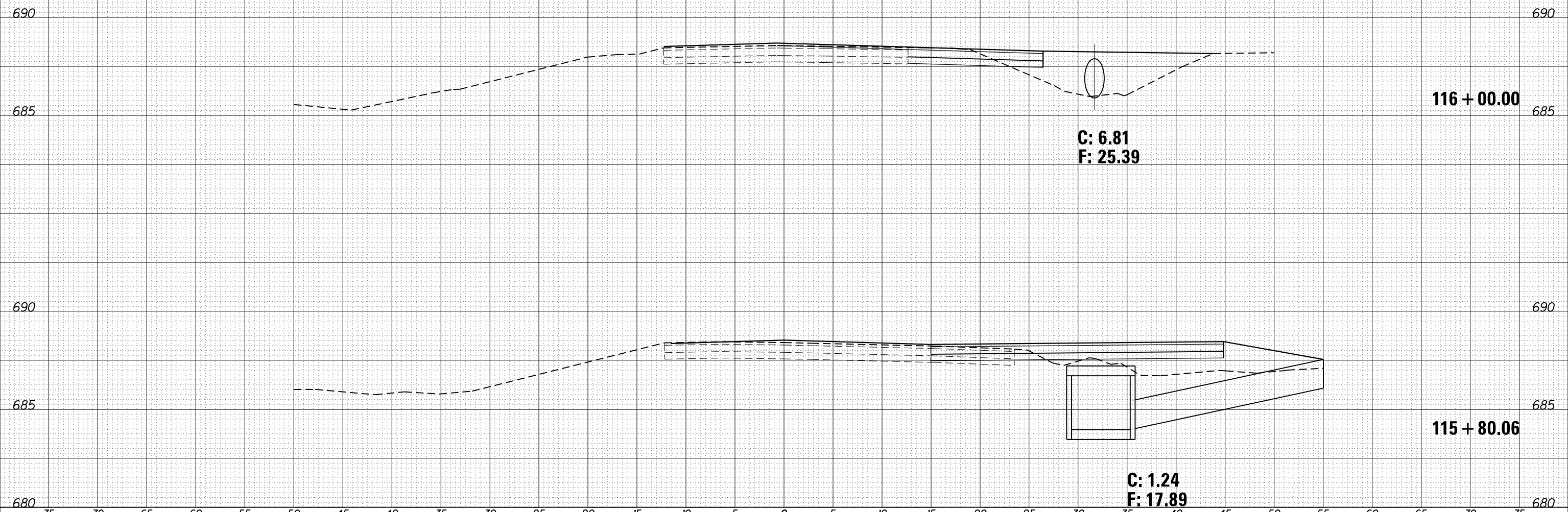
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

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PLOT SCALE = 10000.0000' / in.		DATE -	REVISED -		CONTRACT NO. 72C89							
PLOT DATE = 10/16/2015					SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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FINAL SURVEY NOTE BOOK NO.	

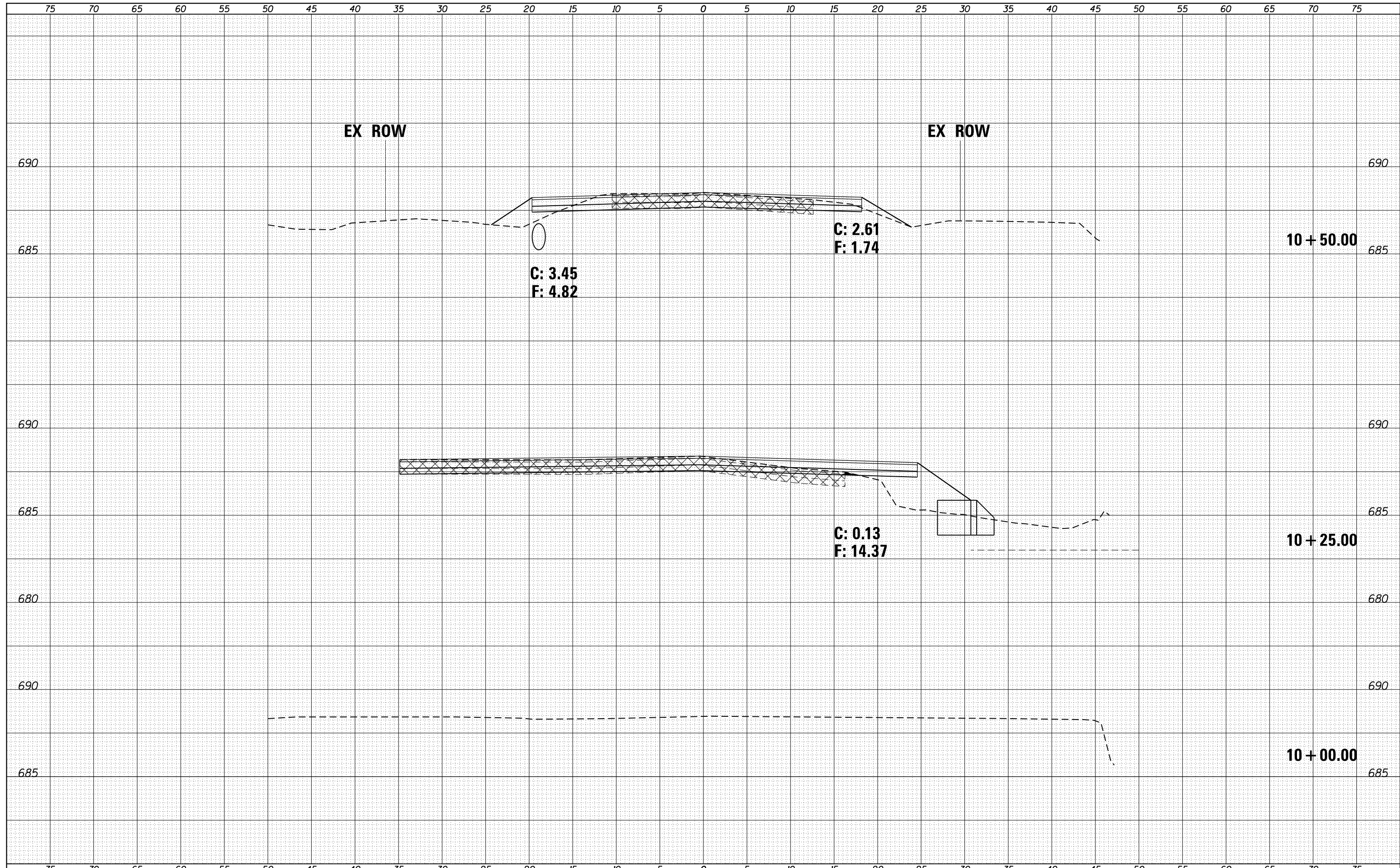
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ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 54 CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -		CONTRACT NO. 72C89								
	PLOT DATE = 10/16/2015	DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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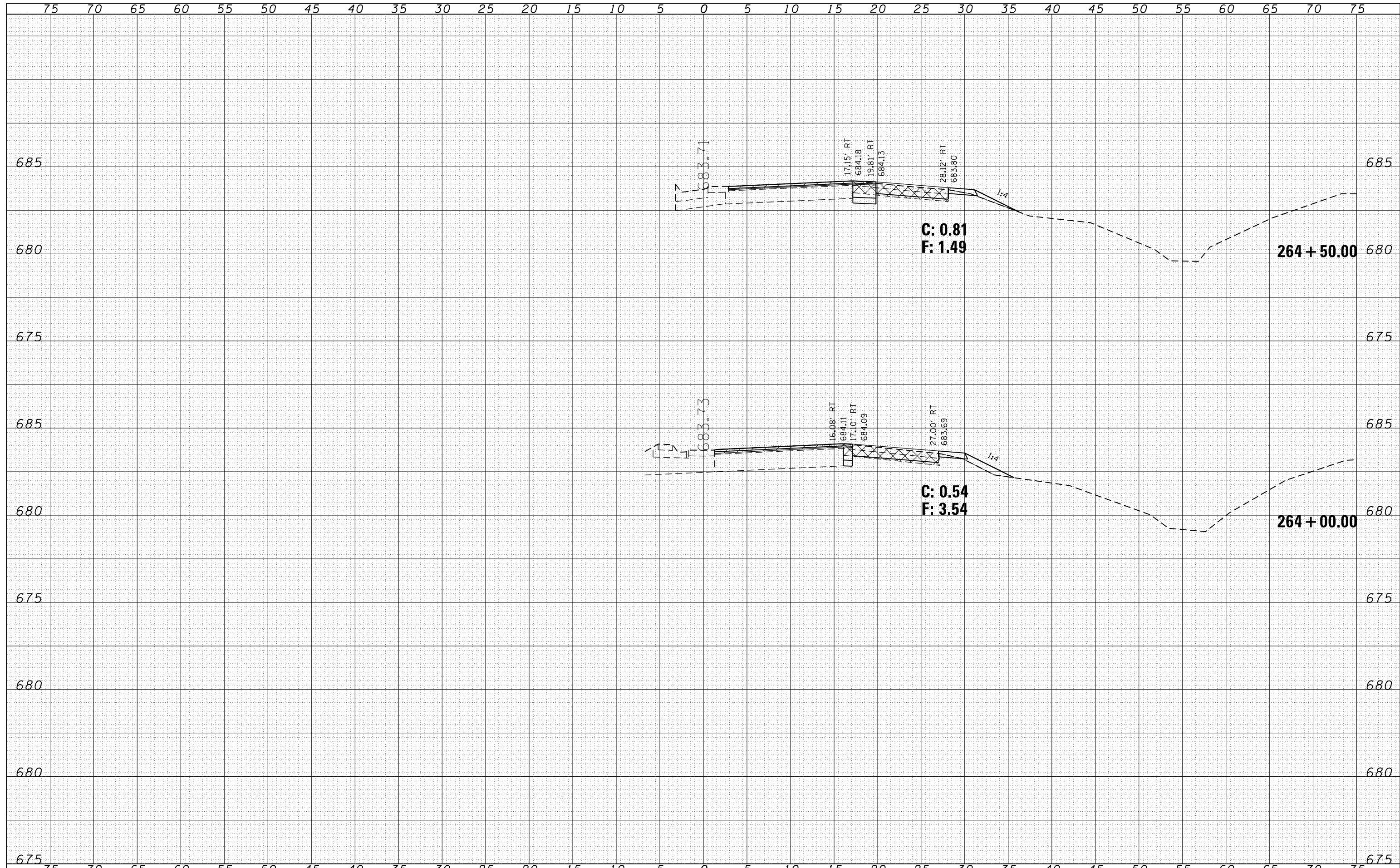
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	260TH AVE CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	10/16/2015	CHECKED -	REVISIED -					321	(107) RS-8, 1-3	PIKE	70	65
		DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 10+00.00	TO STA. 10+50.00	CONTRACT NO. 72C89	
											ILLINOIS FED. AID PROJECT	

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

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SURVEYED PLOTTED	
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NOTE BOOK AREAS CHECKED	



FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISER -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 10/16/2015	DATE -	REVISER -	REVISER -	ILLINOIS FED. AID PROJECT				

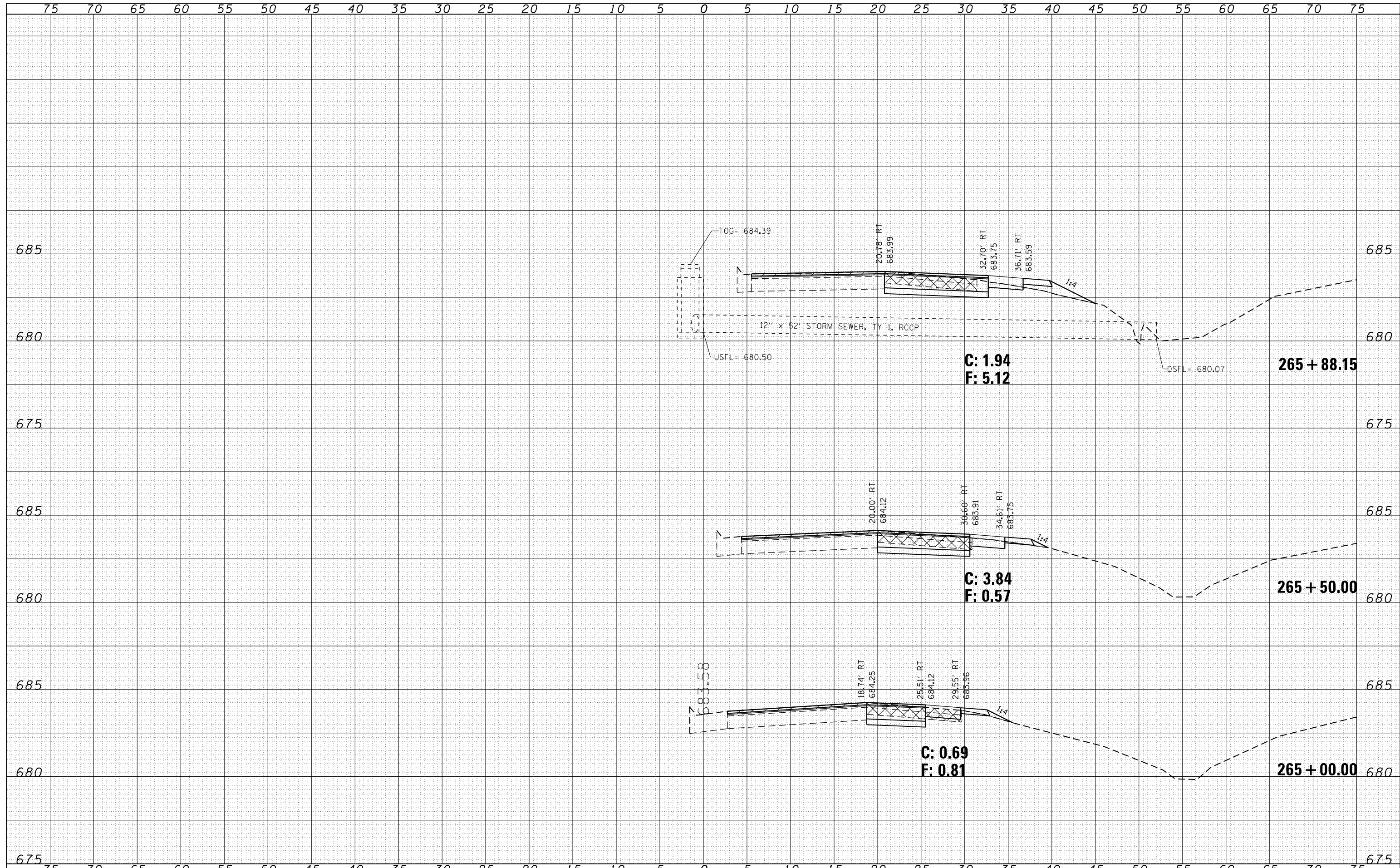
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIGHT TURN LANE X SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 263+00.00 TO STA. 264+50.00

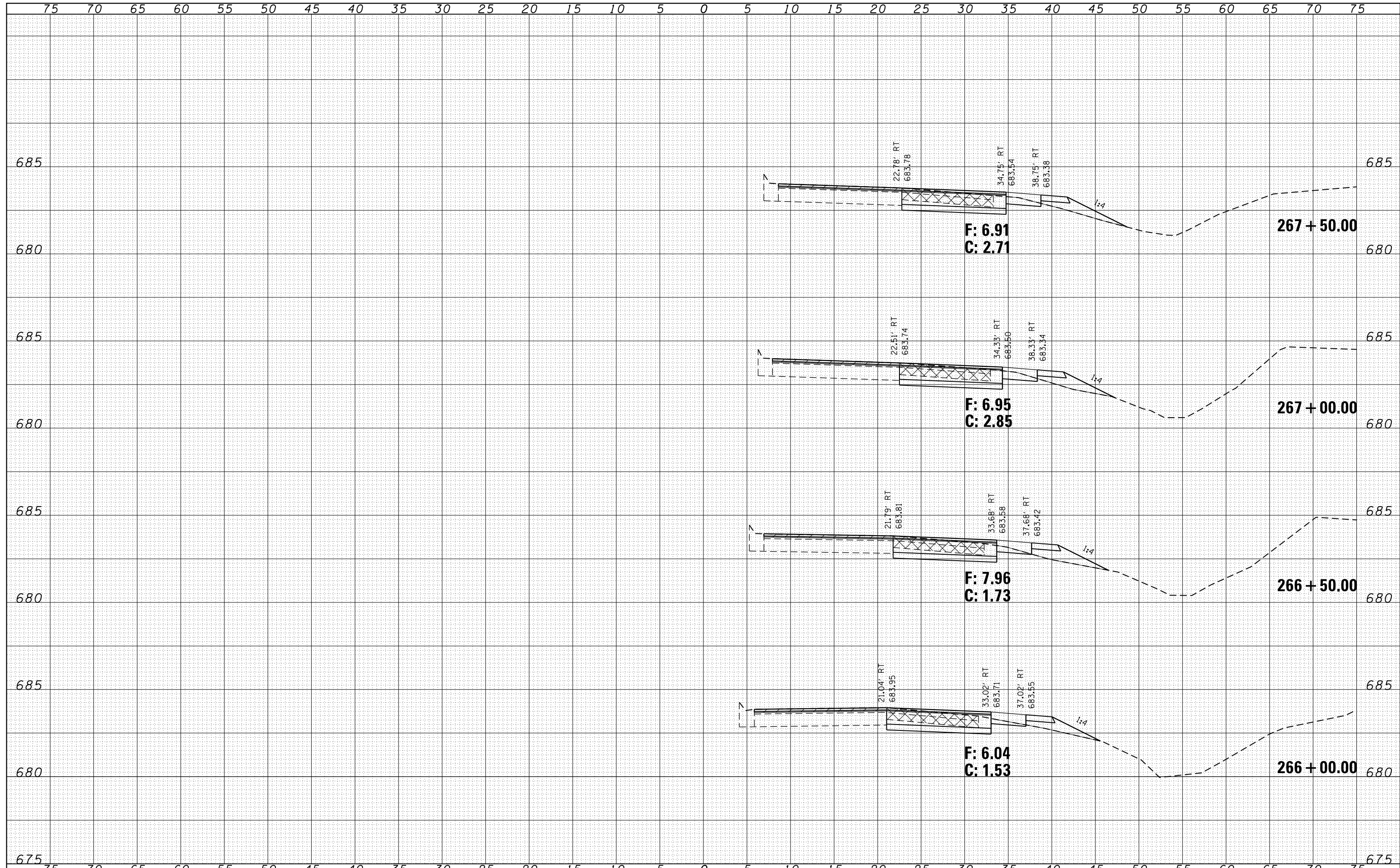
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DATE	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
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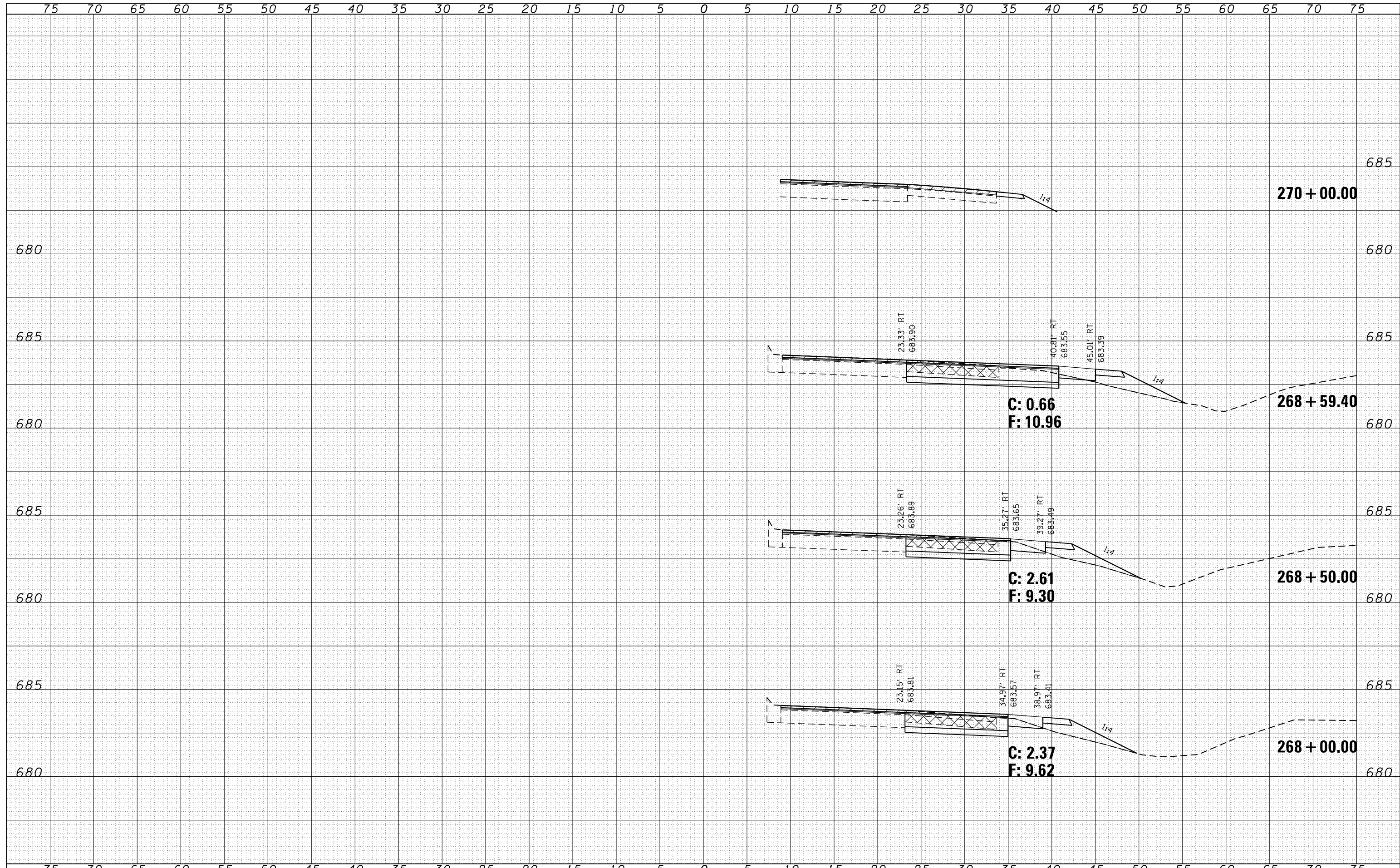
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FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT TURN LANE X SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000" / in.		DATE -	REVISIED -		CONTRACT NO. 72C89			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/16/2015					SCALE:	SHEET NO.	OF SHEETS	STA. 266+00.00 TO STA. 267+50.00				

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

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



FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT TURN LANE X SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000" / in.		DATE -	REVISIED -		SCALE:			SHEET NO.	OF SHEETS	STA. 268+00.00 TO STA. 270+00.00	CONTRACT NO. 72C89	
PLOT DATE = 10/16/2015					ILLINOIS FED. AID PROJECT							