

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107Z)RS-8, (B-19)RS-4	SANGAMON	28	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 72C98	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 67 (IL RTE. 29)
SECTION (107Z)RS-8, (B-19)RS-4

P.P.P. RESURFACING ON CLEARLAKE AVENUE
SANGAMON COUNTY

C-96-093-09

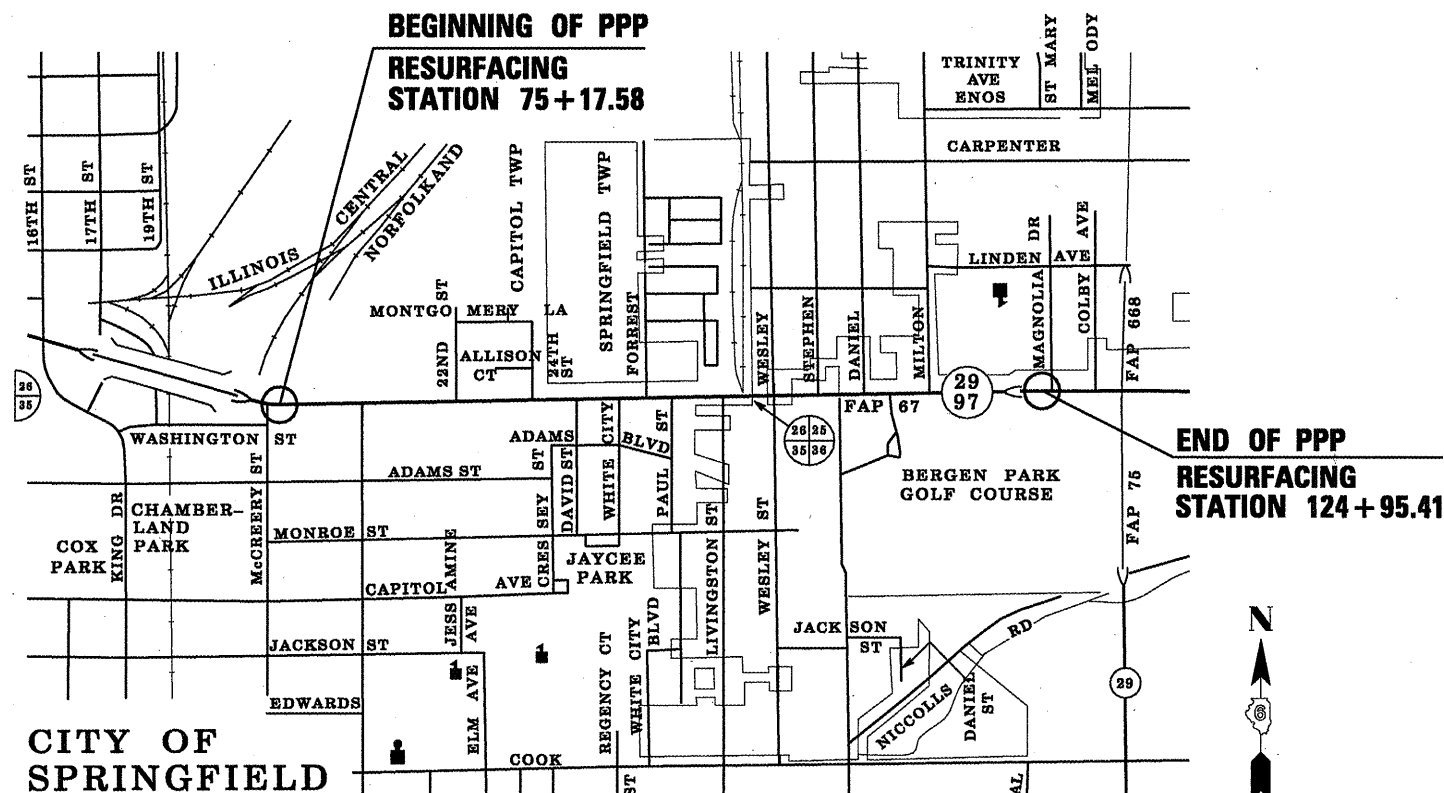
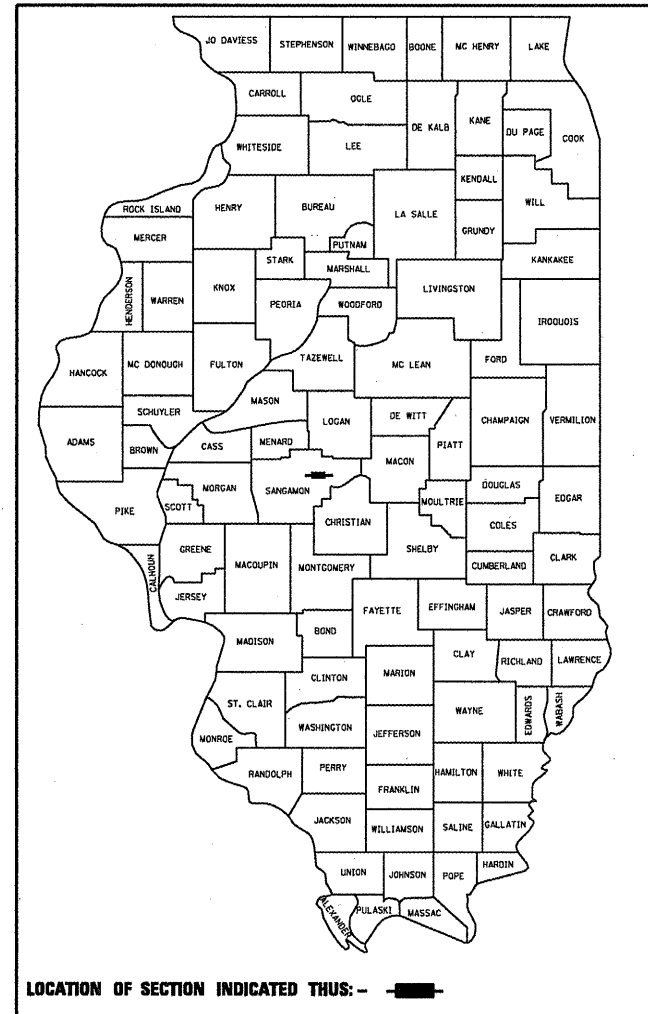
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STANDARDS

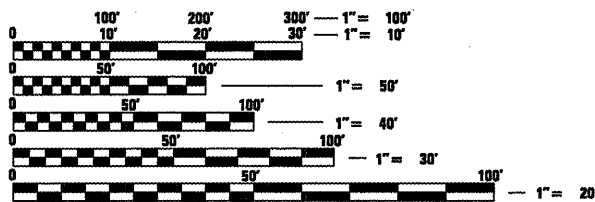
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- 701426-03 781001-03
- 701602-04
- 701701-06
- 701901-01

D-96-093-09



LOCATION MAP

NET LENGTH OF PROJECT = 4,977.83 FT. = 0.943 MILES
AVERAGE DAILY TRAFFIC:
CLEARLAKE AVENUE- 26,200 (2008)
MILTON AVENUE - 3,650 (2008)



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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED April 10 20 09
Roger L. Pinkell
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 1 20 09
Charles J. Ingersoll
 ENGINEER OF DESIGN AND ENVIRONMENT

May 1 20 09
Christina M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: SAL MADONIA (217) 782-4761
 PROJECT MANAGER: MARCUS BRUCE (217) 524-0946

CONTRACT NO. 72C98

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

CLEARLAKE AVENUE MAINLINE RESURFACING	
MIXTURE USE(S):	POLYMER HMA SURFACE
ACPG:	SBS PG 70-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGREGATE:	MIX "E"

INCIDENTAL HMA BITUMINOUS SURFACING	
MIXTURE USE(S):	INCIDENTAL SURFACE
ACPG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGREGATE:	MIX "C"

GENERAL NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:
 BITUMINOUS MATERIALS (PRIME COAT) 0.00038 TON/SQ. YD. (ON PAVEMENT)
 BITUMINOUS MATERIALS (PRIME COAT) 0.001425 TON/SQ.YD. (ON AGG)
 AGGREGATE PRIME COAT 0.002 TON/SQ. YD.
 BITUMINOUS CONCRETE SURFACE 0.056 TON/SQ. YD. PER 1"
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
9. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
10. WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
11. LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF ENGINEER DEEMS NECESSARY.
12. EXISTING MANHOLES AND INLET FRAMES & LIDS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED WITH NEW FRAMES AND LIDS AT THE CONTRACTOR'S EXPENSE.
13. THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS, PHONE (217) 782-7314.

DISTRICT SIX	
EXAMINED	<i>Louis Haasis</i> 20 <u> </u> <i>April 10, 2009</i>
OPERATIONS ENGINEER	
EXAMINED	<i>April 10, 20 2009</i> <i>Louis Haasis</i>
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED	<i>April 9 20 09</i> <i>ORMEI</i>
PROGRAM DEVELOPMENT ENGINEER	

SUMMARY OF QUANTITIES

CODE #	PAY ITEM	UNIT	100% STATE
			URBAN
			I000
			QUANTITY
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	12.5
40600300	AGGREGATE (PRIME COAT)	TON	66
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,330
40600995	CONSTRUCTING TEST STRIP	EACH	1
40600990	TEMPORARY RAMP	SQ YD	855
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	3,442
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	249
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	30,588
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	200
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	30
67100100	MOBILIZATION	L SUM	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,106
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	702
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	21,056

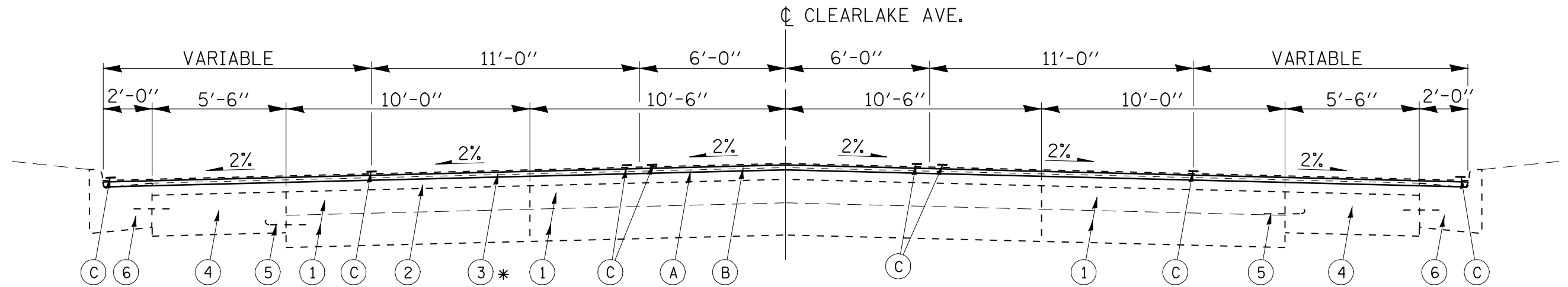
**Specialty Items*

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED - RTS 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES CLEARLAKE AVENUE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pwwork\PIWIDOT\LAUGHLINR1\dms21748\672C98-sht-500.dgn		DRAWN - RTS	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	6T	(107ZRS-8, (B-19)RS-4	SANGAMON	28	3
		CHECKED -	REVISED -		TO STA.			CONTRACT NO. 72C98				
		DATE - 09-25-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

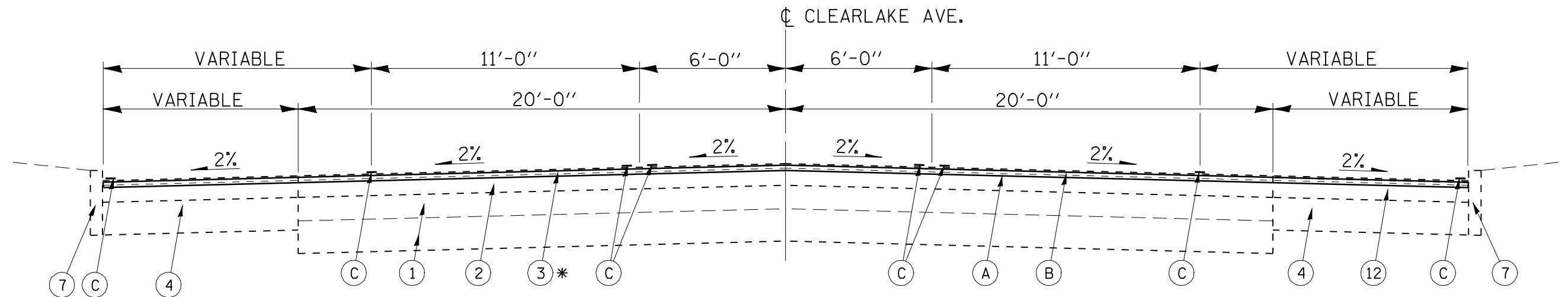
SUMMARY OF QUANTITIES (CONTINUED)

CODE #	PAY ITEM	UNIT	100% STATE
			URBAN
			I000
			QUANTITY
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	173
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	858
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	209
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	71
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	328
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	281
* 88600100	DETECTOR LOOP, TYPE I	FOOT	675

** Specialty Items*



STA. 75+17.58 TO STA. 79+24.00



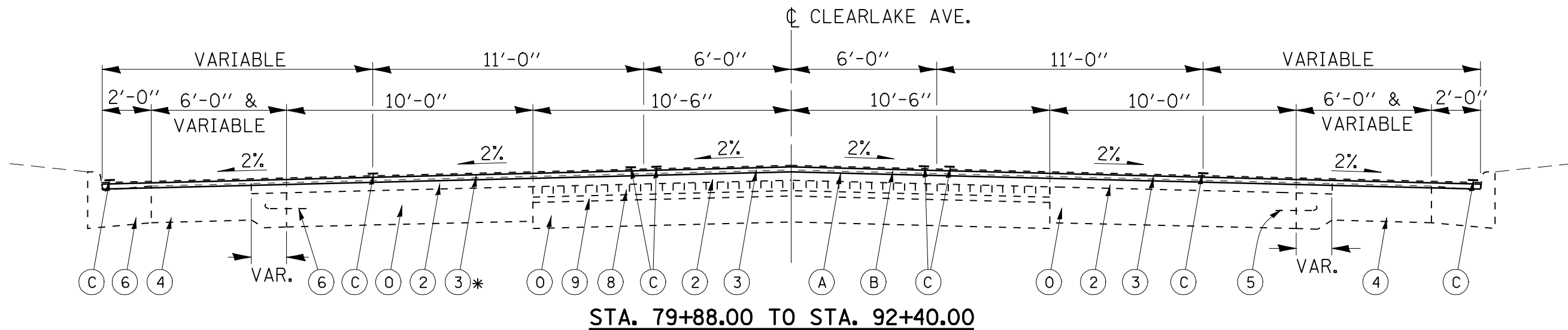
STA. 79+24.00 TO STA. 79+88.00

* EXISTING BIT. CONC. OVERLAY VARIES:
 C = 2" DEPTH
 E.O.P. = 1 1/2" DEPTH
 FLOWLINE OF GUTTER = 2 1/2" DEPTH

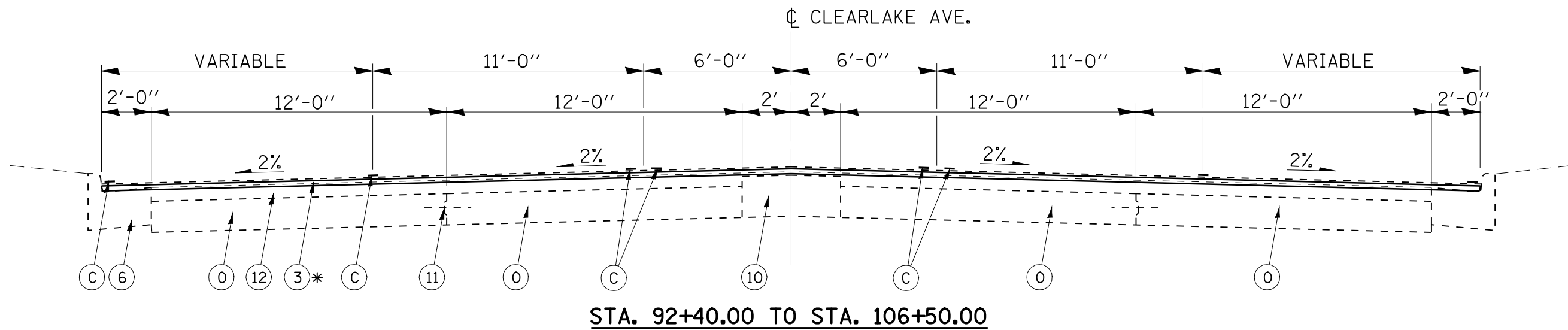
LEGEND

- ① P.C.C. BASE COURSE, 8", W/ BIT. CONC. CL I, 5 3/4"
- ② BITUMINOUS CONCRETE SURFACE COURSE, CL I, 3"
- ③ BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2" *
- ④ P.C.C. BASE COURSE WIDENING, 8"
- ⑤ EXPANSION TIE ANCHORS 3/4" DIA., 30" CTRS.
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑦ CONCRETE CURB, TYPE B
- ⑧ BRICK PAVEMENT, 4"
- ⑨ SAND CUSHION, 1"
- ⑩ CONCRETE MEDIAN, TYPE C-4
- ⑪ LONGITUDINAL CONSTRUCTION JOINT
- ⑫ BITUMINOUS CONCRETE SURFACE, 4"
- ⑬ LEVELING BINDER (MACHINE METHOD), VARIABLE DEPTH
- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- (B) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90 (2" DEPTH)
- (C) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED - RTS 04-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS CLEARLAKE AVENUE		F.A.P. RTE. 67	SECTION (107)RS-8, (B-19)RS-4	COUNTY SANGAMON	TOTAL SHEETS 28	SHEET NO. 5	
es:\pwork\pwork\LAUGHLINRL\dms21748\0672C98-shr-typical.dgn	DRAWN - RTS	CHECKED -	REVISED -		SCALE:	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 72C98		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT SCALE = 7.0000' / IN.	DATE - 09-25-08	REVISED -	REVISED -									
PLOT DATE = Apr-15-2009 02:43:38PM	DATE - 09-25-08	REVISED -	REVISED -									



STA. 79+88.00 TO STA. 92+40.00



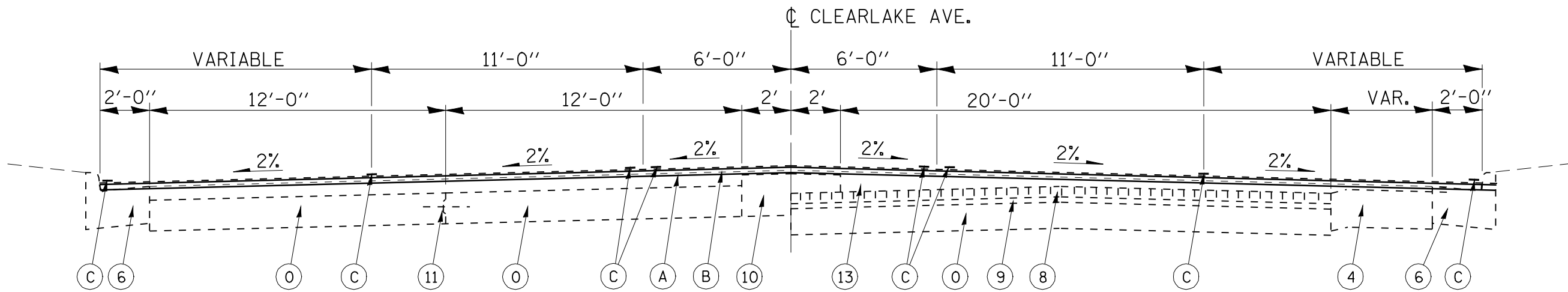
STA. 92+40.00 TO STA. 106+50.00

* EXISTING BIT. CONC. OVERLAY VARIES:
 ⌀ = 2" DEPTH
 E.O.P. = 1 1/2" DEPTH
 FLOWLINE OF GUTTER = 2 1/2" DEPTH

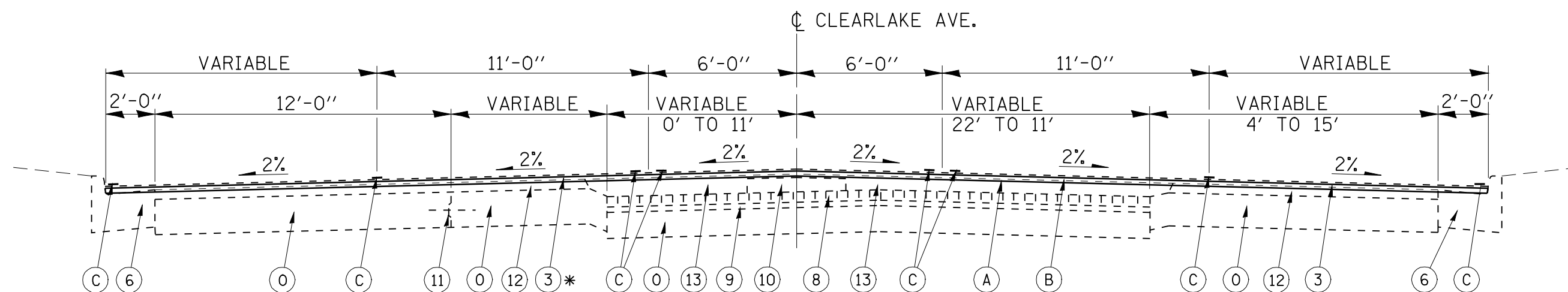
LEGEND

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- ⑦ CONCRETE CURB, TYPE B
- ⑧ BRICK PAVEMENT, 4"
- ⑨ SAND CUSHION, 1"
- ⑩ CONCRETE MEDIAN, TYPE C-4
- ⑪ LONGITUDINAL CONSTRUCTION JOINT
- ⑫ BITUMINOUS CONCRETE SURFACE, 4"
- ⑬ LEVELING BINDER (MACHINE METHOD), VARIABLE DEPTH
- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- (B) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90 (2" DEPTH)
- (C) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED - RTS 04-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS CLEARLAKE AVENUE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PWIDOT\LAUGHLINRL\dms21748\0672C98-shr-typico1.dgn	DRAWN - RTS	REVISED -	REVISED -		67	(107)RS-8, (B-19)RS-4	SANGAMON	28	6		
PLOT SCALE = 7.0000' / IN.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 72C98						
PLOT DATE = Apr-15-2009 02:43:41PM	DATE - 09-25-08	REVISED -	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



STA. 106+50.00 TO STA. 109+40.72



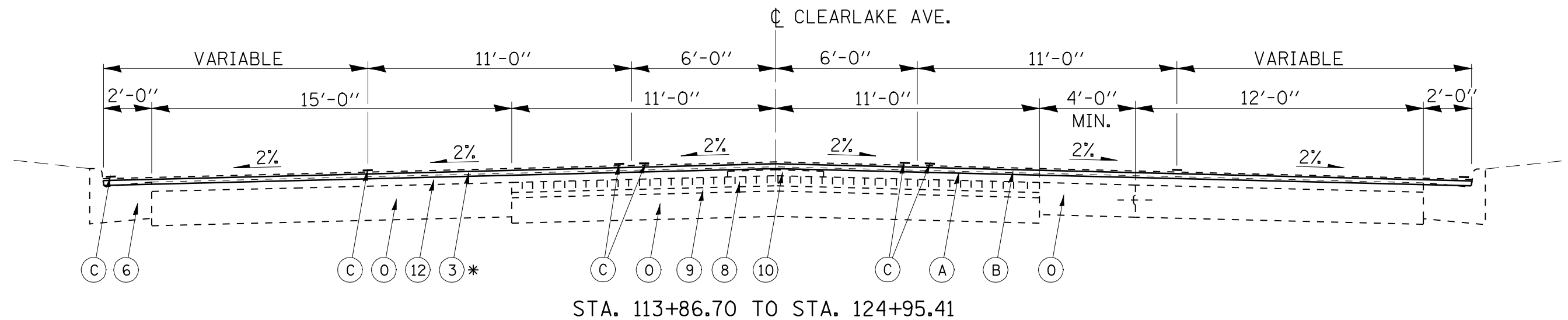
STA. 109+40.72 TO STA. 113+86.70

* EXISTING BIT. CONC. OVERLAY VARIES:
 ⌀ = 2" DEPTH
 E.O.P. = 1 1/2" DEPTH
 FLOWLINE OF GUTTER = 2 1/2" DEPTH

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PLOT DATE = Apr-15-2009 02:43:43PM	DATE - 09-25-08	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 09-25-08	REVISED -									



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		DRAWN - RTS	REVISED -		SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	67	(107)RS-8, (B-19)RS-4	SANGAMON	28	8
		CHECKED -	REVISED -						CONTRACT NO. 72C98				
		DATE - 09-25-08	REVISED -						ILLINOIS FED. AID PROJECT				

BITUMINOUS CONCRETE QUANTITIES FOR MAINLINE

LOCATION CLEARLAKE AVENUE			AREA (SQUARE YARD)	POLY HMA SUR CSE, MIX "E", N90 (2" DEPTH) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	BIT SURF REMOVAL (2.25" DEPTH) (SQ YD)	HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT (SQ YD)
STATION	TO	STATION						
75+17.75		75+27.75	62	7	0.02	0.12	--	62
75+27.75	-	80+00.00	2,946	336	1.14	6.02	3,008	--
80+00.00	-	85+00.00	3,130	351	1.19	6.26	3,130	--
85+00.00	-	90+00.00	3,145	353	1.20	6.29	3,145	--
90+00.00	-	95+00.00	3,108	348	1.18	6.22	3,108	--
95+00.00	-	100+00.00	3,123	350	1.19	6.25	3,123	--
100+00.00	-	105+00.00	3,118	349	1.18	6.24	3,118	--
105+00.00	-	110+00.00	3,201	359	1.22	6.40	3,201	--
110+00.00	-	115+00.00	3,077	345	1.17	6.15	3,077	--
115+00.00	-	120+00.00	2,894	324	1.10	5.79	2,894	--
120+00.00	-	124+85.41	2,846	326	1.11	5.82	2,908	--
124+85.41	-	124+95.41	62	7	0.02	0.12	--	62
TOTALS =			30,712	3,442	11.67	61.30	30,588	124

TEMPORARY RAMPS - SIDEROADS

LOCATION CLEARLAKE AVENUE (STREET NAME)	TEMP RAMP WIDTH (FOOT)	TEMPORARY RAMP (SQUARE YARD)
SOUTH WHEELER AVENUE	27	21
NORTH 22nd STREET	31	24
NORTH 24th STREET	27	21
SOUTH DAVID STREET	30	23
WHITE CITY BOULEVARD	30	23
NORTH FORREST AVENUE	36	28
SOUTH PAUL STREET	36	28
SOUTH LIVINGSTON STREET	30	23
SOUTH WESLEY STREET	30	23
NORTH WESLEY STREET	32	25
NORTH STEPHENS AVENUE	30	23
EASTDALE AVENUE	30	23
NORTH DANIEL AVENUE	31	24
BERGEN PARK GOLF COURSE	31	24
NORTH MILTON AVENUE	28	22
TOTALS:		357

**BITUMINOUS CONCRETE QUANTITIES FOR SIDEROADS
(10' APPRON)**

LOCATION CLEARLAKE AVENUE (STREET NAME)	AREA (SQUARE FOOT)	INCIDENTAL HMA SURFACING (2" AVERAGE DEPTH) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT (SQ YD)
SOUTH WHEELER AVENUE	1223	15	0.05	0.27	135.9
NORTH 22nd STREET	841	10	0.04	0.19	93.4
NORTH 24th STREET	787	10	0.03	0.17	87.4
SOUTH DAVID STREET	849	11	0.04	0.19	94.3
WHITE CITY BOULEVARD	787	10	0.03	0.17	87.4
NORTH FORREST AVENUE	460	6	0.02	0.10	51.1
SOUTH PAUL STREET	456	6	0.02	0.10	50.7
SOUTH LIVINGSTON STREET	778	10	0.03	0.17	86.4
SOUTH WESLEY STREET	776	10	0.03	0.17	86.2
NORTH WESLEY STREET	822	10	0.03	0.18	91.3
NORTH STEPHENS AVENUE	779	10	0.03	0.17	86.6
EASTDALE AVENUE	782	10	0.03	0.17	86.9
NORTH DANIEL AVENUE	775	10	0.03	0.17	86.1
BERGEN PARK GOLF COURSE	435	5	0.02	0.10	48.4
NORTH MILTON AVENUE	1,308	16	0.06	0.29	145.3
TOTALS:	11,858	149	0.50	2.64	1,318

TEMPORARY RAMPS - MAINLINE

STATION TO STATION			WIDTH	AREA
STATION	TO	STATION	(FOOT)	(SQUARE YARD)
75+15.75	-	75+57.75	+/-56'	249
124+55.41	-	124+95.41	+/-56'	249
TOTALS =				498

**BITUMINOUS CONCRETE QUANTITIES FOR COMMERCIAL & PRIVATE ENTRANCES
(3' APPRON)**

ENTRANCE LOCATION CLEARLAKE AVE. (STATION / TYPE)	AVERAGE ENTRANCE WIDTH (FOOT)	ENTRANCE AREA 3' APPRON (SQ YD)	INCIDENTAL HMA SURFACING (2" AVERAGE DEPTH) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT (SQ YD)	ENTRANCE LOCATION CLEARLAKE AVE. (STATION / TYPE)	AVERAGE ENTRANCE WIDTH (FOOT)	ENTRANCE AREA 3' APPRON (SQ YD)	INCIDENTAL HMA SURFACING (2" AVERAGE DEPTH) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT (SQ YD)
LEFT SIDE:							RIGHT SIDE:						
75+18 C. E.	19	6	0.71	0.002	0.01	6	79+61 C. E.	40	13	1.49	0.005	0.03	13
76+79 C. E.	48	16	1.79	0.006	0.03	16	79+95 P. E.	19	6	0.71	0.002	0.01	6
77+41 C. E.	43	14	1.61	0.005	0.03	14	80+37 P. E.	26	9	0.97	0.003	0.02	9
78+59 C. E.	42	14	1.57	0.005	0.03	14	81+42 C. E.	32	11	1.19	0.004	0.02	11
80+27C. E.	47	16	1.75	0.006	0.03	16	82+34 C. E.	39	13	1.46	0.005	0.03	13
81+12 P. E.	31	10	1.16	0.004	0.02	10	83+20 C. E.	32	11	1.19	0.004	0.02	11
82+56 P. E.	34	11	1.27	0.004	0.02	11	84+72 C. E.	46	15	1.72	0.006	0.03	15
83+05 P. E.	24	8	0.90	0.003	0.02	8	85+15 C. E.	29	10	1.08	0.004	0.02	10
83+41 P. E.	31	10	1.16	0.004	0.02	10	85+56 C. E.	36	12	1.34	0.005	0.02	12
84+14 C. E.	36	12	1.34	0.005	0.02	12	86+93 C. E.	47	16	1.75	0.006	0.03	16
85+06 C. E.	45	15	1.68	0.006	0.03	15	87+77 C. E.	23	8	0.86	0.003	0.02	8
86+26 C. E.	47	16	1.75	0.006	0.03	16	88+80 P. E.	26	9	0.97	0.003	0.02	9
87+80 C. E.	45	15	1.68	0.006	0.03	15	89+24 P. E.	16	5	0.60	0.002	0.01	5
90+18 P. E.	32	11	1.19	0.004	0.02	11	89+70 C. E.	19	6	0.71	0.002	0.01	6
92+13 P. E.	30	10	1.12	0.004	0.02	10	90+69 C. E.	31	10	1.16	0.004	0.02	10
92+53 P. E./ALL	37	12	1.38	0.005	0.02	12	91+05 C. E.	35	12	1.31	0.004	0.02	12
99+65 C. E.	43	14	1.61	0.005	0.03	14	91+87 C. E.	30	10	1.12	0.004	0.02	10
100+37 C. E.	42	14	1.57	0.005	0.03	14	92+49 ALLEY	24	8	0.90	0.003	0.02	8
101+29 C. E.	38	13	1.42	0.005	0.03	13	92+84 C. E.	43	14	1.61	0.005	0.03	14
104+75 C. E.	45	15	1.68	0.006	0.03	15	93+41 C. E.	42	14	1.57	0.005	0.03	14
105+69 C. E.	47	16	1.75	0.006	0.03	16	95+40 ALLEY	25	8	0.93	0.003	0.02	8
106+44 ALLEY	43	14	1.61	0.005	0.03	14	95+75 C. E.	40	13	1.49	0.005	0.03	13
107+00 C. E.	37	12	1.38	0.005	0.02	12	96+36 C. E.	45	15	1.68	0.006	0.03	15
108+59 C. E.	38	13	1.42	0.005	0.03	13	97+53 C. E.	41	14	1.53	0.005	0.03	14
109+34 C. E.	68	23	2.54	0.009	0.05	23	98+57 C. E.	42	14	1.57	0.005	0.03	14
109+93 P. E.	28	9	1.05	0.004	0.02	9	101+50 P. E.	20	7	0.75	0.003	0.01	7
112+64 ALLEY	24	8	0.90	0.003	0.02	8	101+76 P. E.	21	7	0.78	0.003	0.01	7
114+73 C. E.	34	11	1.27	0.004	0.02	11	102+49 P. E.	25	8	0.93	0.003	0.02	8
115+85 C. E.	46	15	1.72	0.006	0.03	15	103+14 P. E.	22	7	0.82	0.003	0.01	7
116+87 C. E.	44	15	1.64	0.006	0.03	15	103+87 P. E.	21	7	0.78	0.003	0.01	7
117+81 C. E.	38	13	1.42	0.005	0.03	13	105+39 C. E.	48	16	1.79	0.006	0.03	16
119+74 C. E.	61	20	2.28	0.008	0.04	20	106+40 P. E.	22	7	0.82	0.003	0.01	7
120+70 C. E.	41	14	1.53	0.005	0.03	14	106+91 C. E.	33	11	1.23	0.004	0.02	11
121+47 C. E.	45	15	1.68	0.006	0.03	15	108+61 C. E.	45	15	1.68	0.006	0.03	15
122+25 C. E.	24	8	0.90	0.003	0.02	8	109+24 P. E.	17	6	0.63	0.002	0.01	6
123+42 C. E.	34	11	1.27	0.004	0.02	11	109+92 P. E.	20	7	0.75	0.003	0.01	7
SUB TOTALS, LEFT SIDE =	470	470	52.68	0.179	0.94	470	SUB TOTALS, RIGHT SIDE =	418	418	46.78	0.159	0.84	418
OVERALL ENTRANCE TOTALS:									888	99	0.337	1.78	888

THERMOPLASTIC PAVEMENT MARKING - LINE 5"

LOCATION			DESCRIPTION	QUANTITY (FOOT)
STATION	TO	STATION		
75+17.58	-	78+32.56	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	314.98
79+18.63	-	93+56.06	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	1,437.43
94+25.89	-	96+63.70	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	237.81
97+28.11	-	100+30.04	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	301.93
100+99.48	-	103+85.38	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	285.90
104+52.83	-	107+52.01	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	299.18
108+19.37	-	112+31.86	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	412.49
113+00.00	-	115+58.07	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	258.07
116+27.84	-	124+95.41	EASTBOUND PVMT. EDGE LINE, WHITE SOLID	867.57
SUB TOTAL =				4,415.36
75+17.58	-	78+32.56	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	78.75
79+18.63	-	85+35.57	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	154.24
86+02.42	-	90+76.64	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	118.56
91+44.63	-	93+56.06	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	52.86
94+25.89	-	96+63.70	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	59.45
97+28.11	-	98+79.44	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	37.83
99+48.73	-	100+30.04	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	20.33
100+99.48	-	103+85.29	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	71.45
104+52.83	-	107+50.96	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	74.53
108+42.15	-	110+81.16	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	59.75
111+51.25	-	112+31.86	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	20.15
112+99.60	-	113+86.24	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	21.66
114+56.95	-	118+60.43	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	100.87
119+43.62	-	124+95.41	EASTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	137.95
SUB TOTAL =				1,008.37
75+17.58	-	78+32.56	EASTBOUND MEDIAN LINE, YELLOW SOLID	314.98
79+18.63	-	85+35.57	EASTBOUND MEDIAN LINE, YELLOW SOLID	616.94
86+02.42	-	90+76.64	EASTBOUND MEDIAN LINE, YELLOW SOLID	474.22
91+44.63	-	93+56.06	EASTBOUND MEDIAN LINE, YELLOW SOLID	211.43
94+25.89	-	96+63.70	EASTBOUND MEDIAN LINE, YELLOW SOLID	237.81
97+28.11	-	98+79.44	EASTBOUND MEDIAN LINE, YELLOW SOLID	151.33
99+48.73	-	100+30.04	EASTBOUND MEDIAN LINE, YELLOW SOLID	81.31
100+99.48	-	103+85.29	EASTBOUND MEDIAN LINE, YELLOW SOLID	285.81
104+52.83	-	107+50.96	EASTBOUND MEDIAN LINE, YELLOW SOLID	298.13
108+42.15	-	110+81.16	EASTBOUND MEDIAN LINE, YELLOW SOLID	239.01
111+51.25	-	112+31.86	EASTBOUND MEDIAN LINE, YELLOW SOLID	80.61
113+00.00	-	113+86.24	EASTBOUND MEDIAN LINE, YELLOW SOLID	86.24
114+56.95	-	118+65.14	EASTBOUND MEDIAN LINE, YELLOW SOLID	408.19
116+28.84	-	116+90.00	EASTBOUND MEDIAN LINE, YELLOW SOLID	61.16
119+46.84	-	124+95.41	EASTBOUND MEDIAN LINE, YELLOW SOLID	548.57
SUB TOTAL =				4,095.74
75+17.58	-	78+32.56	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	78.75
79+18.63	-	85+35.57	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	154.24
86+02.42	-	90+76.64	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	118.56
91+44.63	-	93+56.06	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	52.86
94+25.89	-	96+63.70	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	59.45
97+28.11	-	98+79.44	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	37.83
99+48.73	-	100+30.04	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	20.33
100+99.48	-	103+85.29	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	71.45
104+52.83	-	107+62.45	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	77.41
108+19.37	-	110+81.16	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	65.45
111+51.25	-	112+31.86	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	20.15
113+00.00	-	113+86.24	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	21.56
114+56.95	-	116+28.84	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	42.97
119+46.84	-	124+95.41	EASTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	137.14
SUB TOTAL =				958.14

LOCATION			DESCRIPTION	QUANTITY (FOOT)
STATION	TO	STATION		
75+17.58	-	85+35.57	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	1,017.99
86+02.42	-	90+76.64	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	474.22
91+44.63	-	98+79.44	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	734.81
99+48.73	-	107+69.89	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	821.16
108+42.15	-	110+81.16	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	239.01
111+51.25	-	113+86.24	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	234.99
114+56.95	-	118+69.14	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	412.19
119+48.84	-	124+95.41	WESTBOUND PVMT. EDGE LINE, WHITE SOLID	546.57
SUB TOTAL =				4,480.94
75+17.92	-	78+32.56	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	78.66
79+18.63	-	85+35.53	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	154.23
86+02.42	-	90+76.64	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	118.56
91+44.63	-	93+56.06	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	52.86
94+25.89	-	96+63.70	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	59.45
97+28.11	-	98+79.44	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	37.83
99+48.73	-	100+30.04	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	20.33
100+99.48	-	103+85.29	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	71.45
104+52.83	-	107+50.96	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	74.53
108+42.15	-	110+81.16	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	59.75
111+51.25	-	112+31.86	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	20.15
112+99.60	-	113+86.24	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	21.66
114+56.95	-	118+60.43	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	100.87
119+43.62	-	125+00.00	WESTBOUND CENTER LINE, WHITE 30' SKIP/ 10' DASH	139.10
SUB TOTAL =				1,009.43
75+17.58	-	78+32.56	WESTBOUND MEDIAN LINE, YELLOW SOLID	314.98
79+18.63	-	85+35.57	WESTBOUND MEDIAN LINE, YELLOW SOLID	616.94
86+02.42	-	90+76.64	WESTBOUND MEDIAN LINE, YELLOW SOLID	474.22
91+44.63	-	93+56.06	WESTBOUND MEDIAN LINE, YELLOW SOLID	211.43
94+25.89	-	96+63.70	WESTBOUND MEDIAN LINE, YELLOW SOLID	237.81
97+28.11	-	98+79.44	WESTBOUND MEDIAN LINE, YELLOW SOLID	151.33
99+48.73	-	100+30.04	WESTBOUND MEDIAN LINE, YELLOW SOLID	81.31
100+99.48	-	103+85.29	WESTBOUND MEDIAN LINE, YELLOW SOLID	285.81
104+52.83	-	107+62.45	WESTBOUND MEDIAN LINE, YELLOW SOLID	309.62
108+19.37	-	110+81.16	WESTBOUND MEDIAN LINE, YELLOW SOLID	261.79
111+51.25	-	112+31.86	WESTBOUND MEDIAN LINE, YELLOW SOLID	80.61
113+00.00	-	113+86.24	WESTBOUND MEDIAN LINE, YELLOW SOLID	86.24
114+56.95	-	118+65.14	WESTBOUND MEDIAN LINE, YELLOW SOLID	408.19
116+28.84	-	116+90.00	WESTBOUND MEDIAN LINE, YELLOW SOLID	61.16
119+46.84	-	124+95.41	WESTBOUND MEDIAN LINE, YELLOW SOLID	548.57
SUB TOTAL =				4,130.01
75+17.58	-	78+32.56	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	78.75
79+18.63	-	85+35.53	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	154.23
86+02.42	-	90+76.64	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	118.56
91+44.63	-	93+56.06	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	52.86
94+25.89	-	96+63.70	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	59.45
97+28.11	-	98+79.44	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	37.83
99+48.73	-	100+30.04	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	20.33
100+99.48	-	103+85.29	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	71.45
104+52.83	-	107+62.45	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	77.41
108+19.37	-	110+81.16	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	65.45
111+51.25	-	112+31.86	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	20.15
113+00.00	-	113+86.24	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	21.56
114+56.95	-	116+28.84	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	42.97
119+46.84	-	124+95.41	WESTBOUND MEDIAN LINE, YELLOW 30' SKIP/ 10' DASH	137.14
SUB TOTAL =				958.13
GRAND TOTAL =				21,056.10

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
es:\pwork\PWIDOT\LAUGHLINRL\dms21748\10672C98-sht-schedule.dgn		DRAWN - RTS	REVISED -
PLOT SCALE = 200.0000' / IN.		CHECKED - MEB	REVISED -
PLOT DATE = Apr-10-2009 01:45:28PM		DATE - 4-06-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107)RS-8, (B-19)RS-4	SANGAMON	28	11
CONTRACT NO. 72C98				
ILLINOIS FED. AID PROJECT				

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS (15.6 SQ FT)

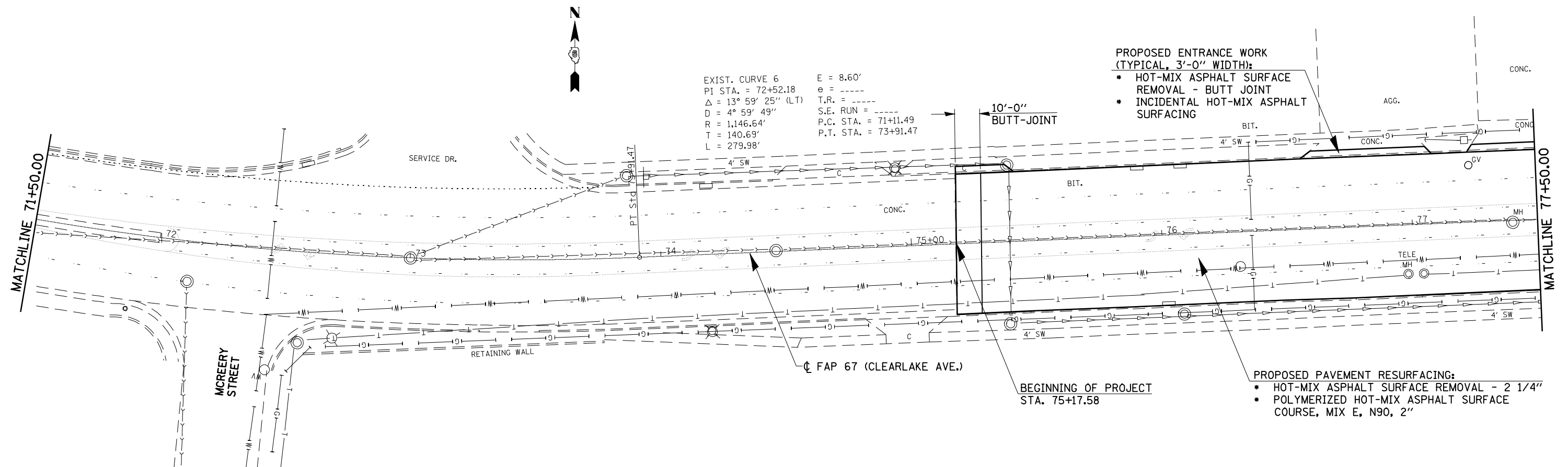
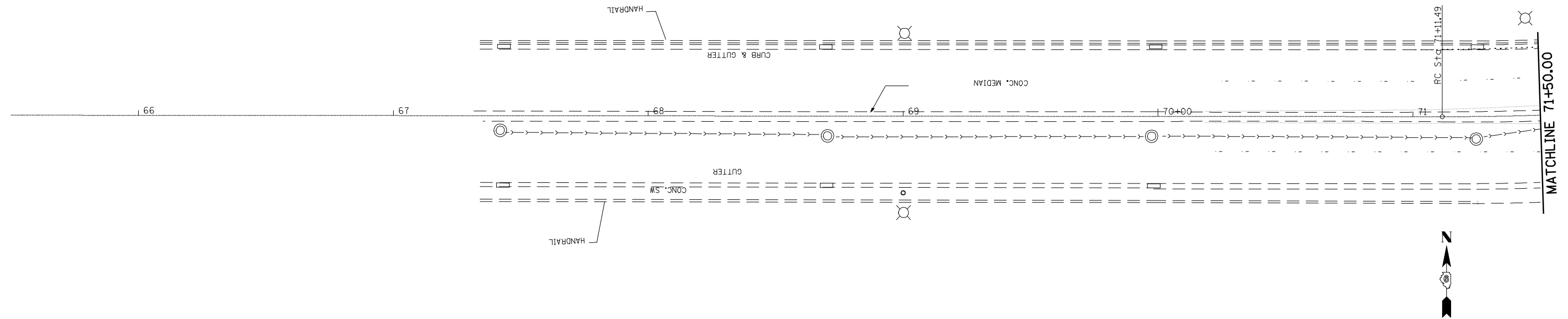
LOCATION (STATION)	DESCRIPTION	QUANTITY (SQUARE FOOT)	LOCATION (STATION)	DESCRIPTION	QUANTITY (SQUARE FOOT)
75+75.56	DIRECTIONAL ARROW, WHITE	15.60	101+24.48	DIRECTIONAL ARROW, WHITE	15.60
76+07.56	DIRECTIONAL ARROW, WHITE	15.60	101+56.48	DIRECTIONAL ARROW, WHITE	15.60
77+75.56	DIRECTIONAL ARROW, WHITE	15.60	103+28.29	DIRECTIONAL ARROW, WHITE	15.60
78+07.56	DIRECTIONAL ARROW, WHITE	15.60	103+60.29	DIRECTIONAL ARROW, WHITE	15.60
79+43.63	DIRECTIONAL ARROW, WHITE	15.60	104+77.83	DIRECTIONAL ARROW, WHITE	15.60
79+75.63	DIRECTIONAL ARROW, WHITE	15.60	105+09.83	DIRECTIONAL ARROW, WHITE	15.60
82+11.09	DIRECTIONAL ARROW, WHITE	15.60	106+93.96	DIRECTIONAL ARROW, WHITE	15.60
82+43.09	DIRECTIONAL ARROW, WHITE	15.60	107+25.96	DIRECTIONAL ARROW, WHITE	15.60
84+78.55	DIRECTIONAL ARROW, WHITE	15.60	108+44.37	DIRECTIONAL ARROW, WHITE	15.60
85+10.55	DIRECTIONAL ARROW, WHITE	15.60	108+76.37	DIRECTIONAL ARROW, WHITE	15.60
86+27.41	DIRECTIONAL ARROW, WHITE	15.60	110+24.16	DIRECTIONAL ARROW, WHITE	15.60
86+59.41	DIRECTIONAL ARROW, WHITE	15.60	110+56.16	DIRECTIONAL ARROW, WHITE	15.60
88+23.39	DIRECTIONAL ARROW, WHITE	15.60	111+75.53	DIRECTIONAL ARROW, WHITE	15.60
88+55.39	DIRECTIONAL ARROW, WHITE	15.60	111+07.53	DIRECTIONAL ARROW, WHITE	15.60
90+19.34	DIRECTIONAL ARROW, WHITE	15.60	113+26.02	DIRECTIONAL ARROW, WHITE	15.60
90+51.34	DIRECTIONAL ARROW, WHITE	15.60	113+58.03	DIRECTIONAL ARROW, WHITE	15.60
91+69.64	DIRECTIONAL ARROW, WHITE	15.60	115+26.90	DIRECTIONAL ARROW, WHITE	15.60
92+01.64	DIRECTIONAL ARROW, WHITE	15.60	115+58.90	DIRECTIONAL ARROW, WHITE	15.60
92+99.06	DIRECTIONAL ARROW, WHITE	15.60	117+01.09	DIRECTIONAL ARROW, WHITE	15.60
93+31.06	DIRECTIONAL ARROW, WHITE	15.60	117+72.06	DIRECTIONAL ARROW, WHITE	15.60
94+50.88	DIRECTIONAL ARROW, WHITE	15.60	118+39.24	DIRECTIONAL ARROW, WHITE	15.60
94+82.88	DIRECTIONAL ARROW, WHITE	15.60	119+75.78	DIRECTIONAL ARROW, WHITE	15.60
96+06.70	DIRECTIONAL ARROW, WHITE	15.60	120+08.78	DIRECTIONAL ARROW, WHITE	15.60
96+38.70	DIRECTIONAL ARROW, WHITE	15.60	121+85.78	DIRECTIONAL ARROW, WHITE	15.60
97+87.77	DIRECTIONAL ARROW, WHITE	15.60	122+90.78	DIRECTIONAL ARROW, WHITE	15.60
98+19.77	DIRECTIONAL ARROW, WHITE	15.60	123+95.78	DIRECTIONAL ARROW, WHITE	15.60
99+73.38	DIRECTIONAL ARROW, WHITE	15.60	125+00.78	DIRECTIONAL ARROW, WHITE	15.60
100+05.38	DIRECTIONAL ARROW, WHITE	15.60			
				TOTALS =	858.00

RAISED REFLECTIVE PAVEMENT MARKERS			
LOCATION	ONE-WAY CRYSTAL	TWO-WAY AMBER	PVMT. MARKER REMOVAL
	(EACH)	(EACH)	(EACH)
BEGINNING OF PROJECT (STA. 75+17.58) to SOUTH WHEELER ST.	9	16	22
SOUTH WHEELER ST. to NORTH 22nd ST.	16	30	60
NORTH 22nd ST. to NORTH 24th ST.	14	24	37
NORTH 24th ST. to SOUTH DAVID ST.	8	10	24
SOUTH DAVID ST. to WHITE CITY BLVD.	8	14	21
WHITE CITY BLVD. to NORTH FORREST AVE.	6	8	6
NORTH FORREST AVE. to SOUTH PAUL ST.	4	4	10
SOUTH PAUL ST. to SOUTH LIVINGSTON ST.	8	16	19
SOUTH LIVINGSTON ST. to NORTH / SOUTH WESLEY ST.	9	14	21
NORTH / SOUTH WESLEY ST. to NORTH STEPHENS AVE.	8	14	18
NORTH STEPHENS AVE. to EASTDALE AVE.	4	4	9
EASTDALE AVE. to NORTH DANIEL AVE.	4	4	7
NORTH DANIEL AVE. to NORTH MILTON AVE.	16	14	27
NORTH MILTON AVE. to END OF PROJECT (STA. 124+95.41)	14	28	0
TOTALS =	128	200	281

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 6"		
LOCATION (STATION)	PHYSICAL DESCRIPTION	QUANTITY (FOOT)
118+69.14	PEDESTRIAN CROSSWALKS, WHITE SOLID	56.93
118+75.14	PEDESTRIAN CROSSWALKS, WHITE SOLID	59.41
MILTON AVENUE	PEDESTRIAN CROSSWALKS, WHITE SOLID	53.17 & 39.18
TOTALS =		208.69

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24"		
LOCATION (STATION)	PHYSICAL DESCRIPTION	QUANTITY (FOOT)
118+65.14	WESTBOUND STOP BAR, WHITE SOLID	32.27
119+46.84	EASTBOUND STOP BAR, WHITE SOLID	22.53
MILTON AVENUE	SOUTHBOUND STOP BAR, WHITE SOLID	16.20
TOTALS =		71.00

THERMOPLASTIC PAVEMENT MARKING - LINE 6"				
LOCATION			PHYSICAL DESCRIPTION	QUANTITY (FOOT)
STATION	TO	STATION		
116+28.84	-	117+01.09	EASTBOUND TURN LANE LINE, WHITE 6' SKIP - 2' DASH	9.03
117+01.09	-	118+65.14	EASTBOUND TURN LANE LINE, WHITE SOLID	164.05
TOTALS =				173.08



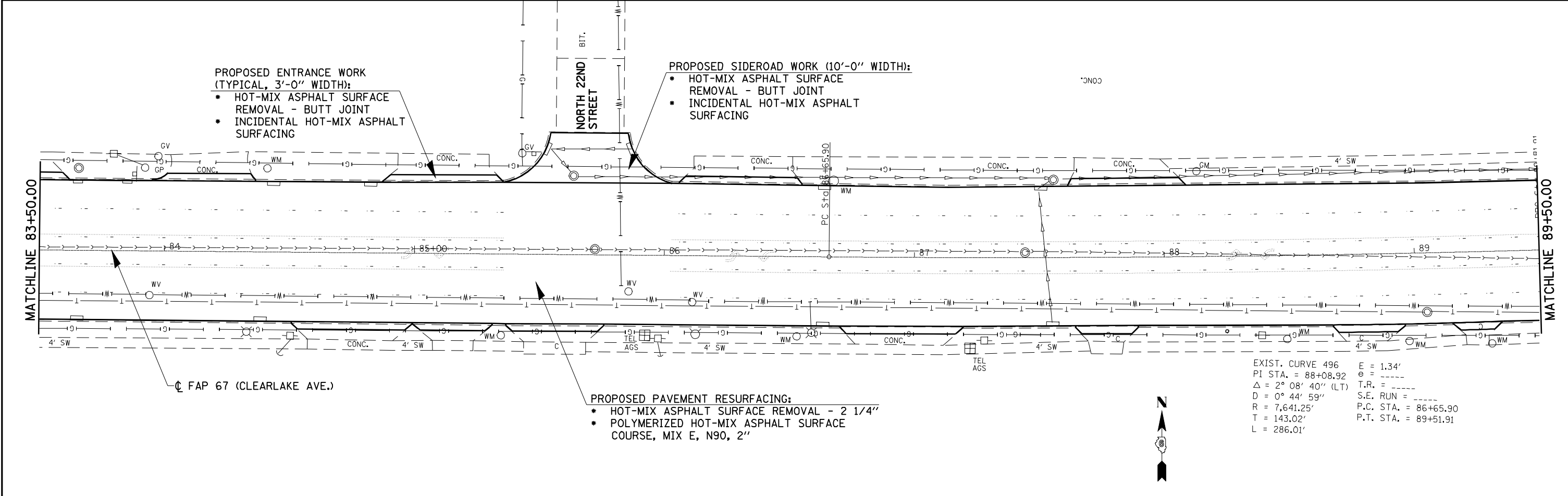
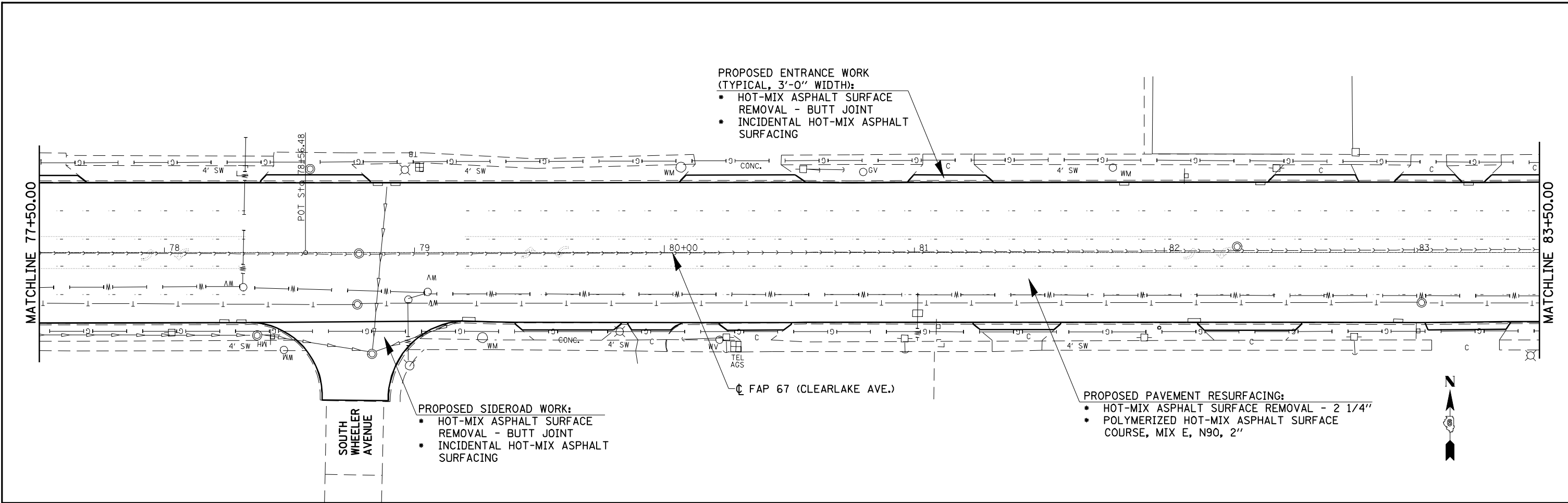
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

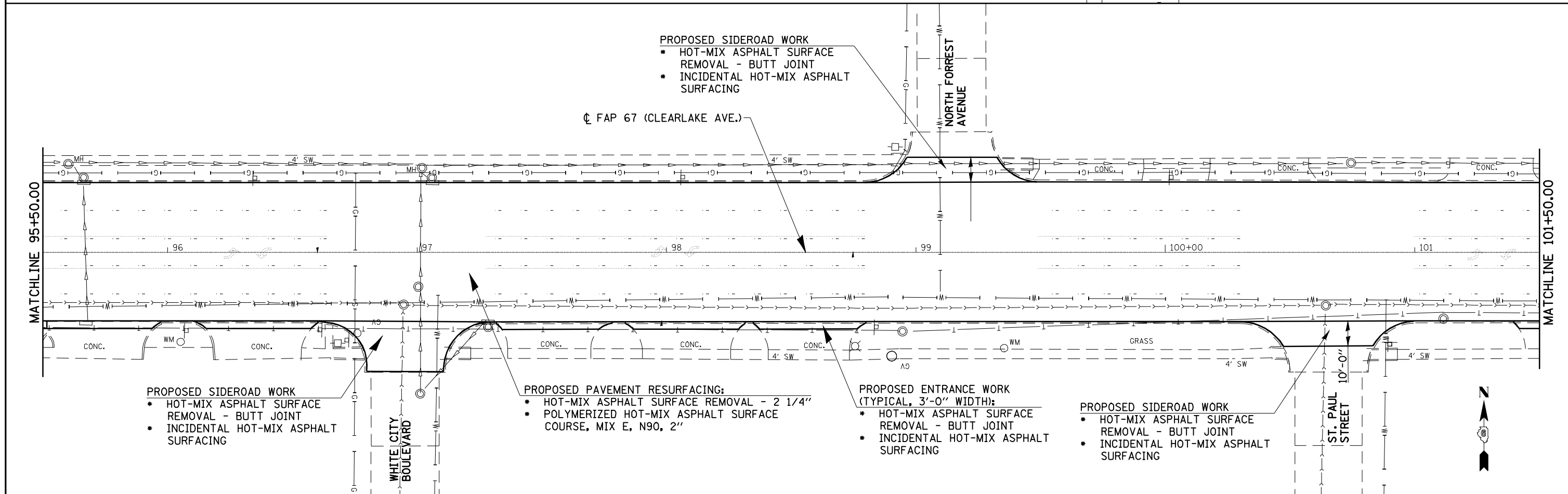
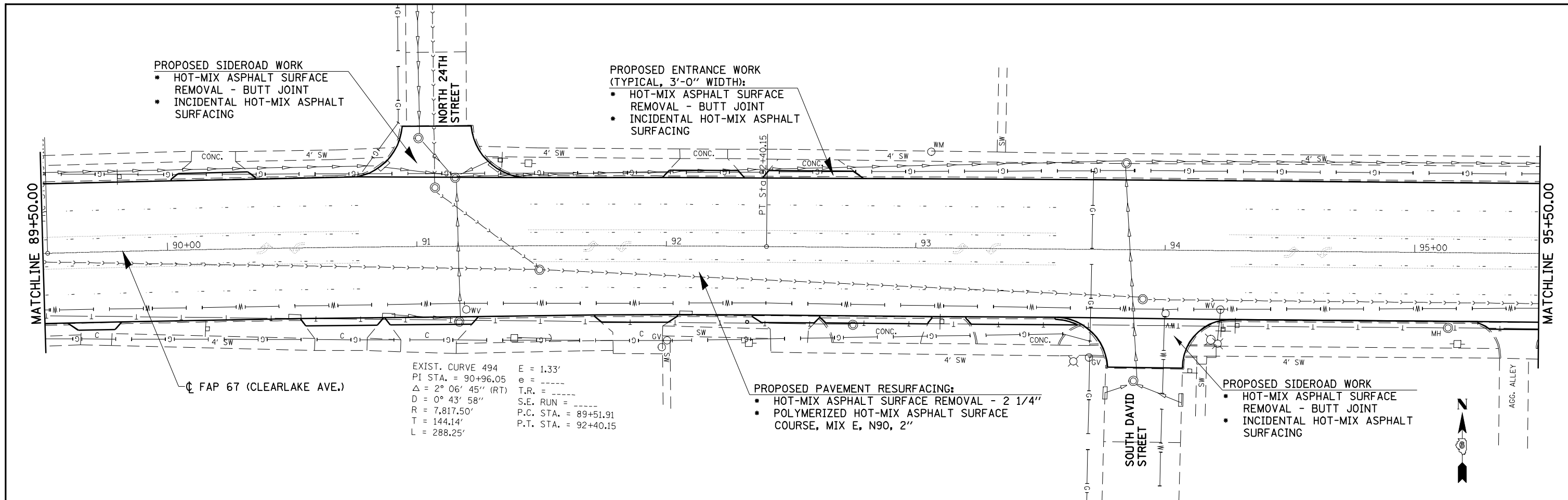
SCALE: 20 SHEET NO. 1 OF 5 SHEETS STA. 75+17.58 TO STA. 77+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107)RS-8, (B-19)RS-4	SANGAMON	28	14
CONTRACT NO. 72C98				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

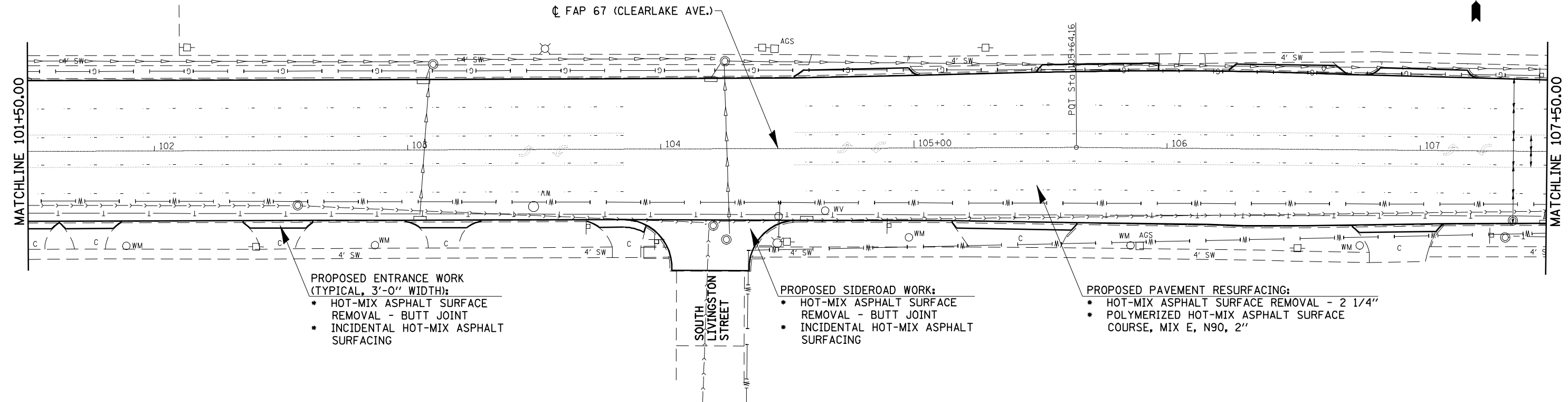


EXIST. CURVE 496
 PI STA. = 88+08.92
 $\Delta = 2^\circ 08' 40''$ (LT)
 $D = 0^\circ 44' 59''$
 $R = 7,641.25'$
 $T = 143.02'$
 $L = 286.01'$
 $E = 1.34'$
 $\theta = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 86+65.90$
 $P.T. STA. = 89+51.91$

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PWIDOT\LAUGHLINRL\dms21748\10672C98-shr-plan.dgn		DRAWN - RTS	REVISED -		67	(107ZRS-8, (B-19)RS-4	SANGAMON	28	15			
PLOT SCALE = 48.0000' / IN.		CHECKED - MEB	REVISED - RTS 04-10-2009		CONTRACT NO. 72C98							
PLOT DATE = Apr-10-2009 01:45:38PM		DATE - 04-09-09	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						
				SCALE: 20	SHEET NO. 2 OF 5 SHEETS	STA. 77+50.00 TO STA. 89+50.00						



FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE. 67	SECTION (107ZIR5-8, (B-19)RS-4	COUNTY SANGAMON	TOTAL SHEETS 28	SHEET NO. 16
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		CHECKED - MEB	REVISED - RTS 04-10-2009								
		DATE - 04-09-09	REVISED -								



PROPOSED ENTRANCE WORK
(TYPICAL, 3'-0" WIDTH):

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

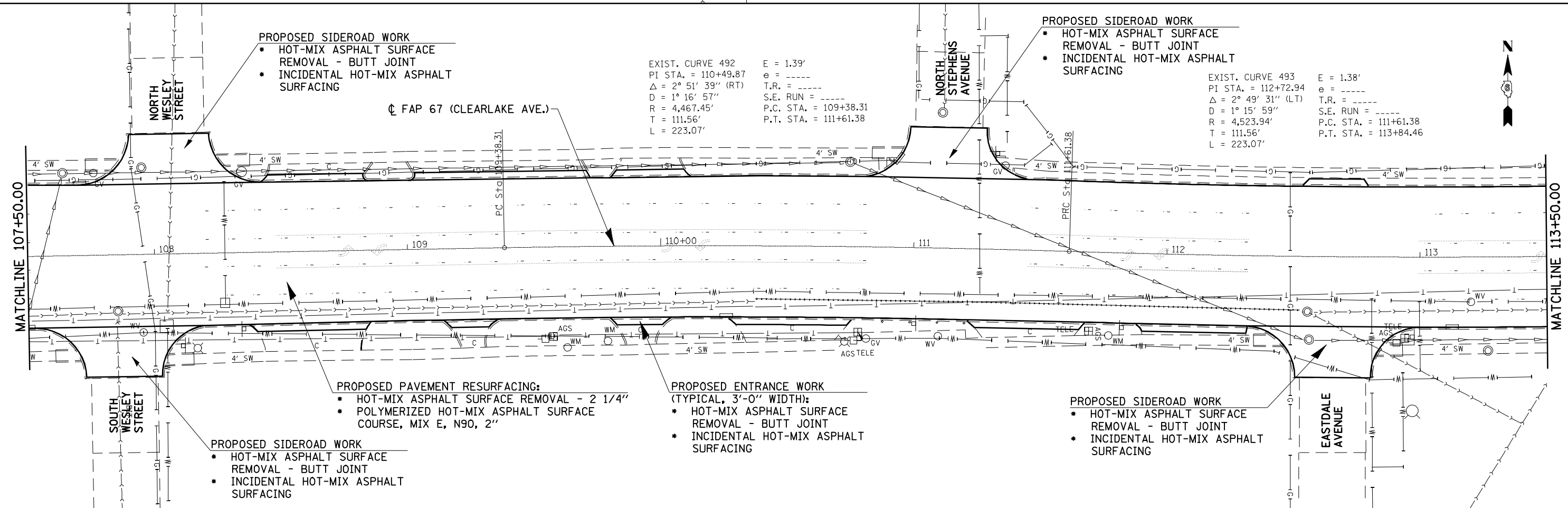
PROPOSED SIDEROAD WORK:

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

PROPOSED PAVEMENT RESURFACING:

- * HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- * POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 2"

SOUTH LIVINGSTON STREET



PROPOSED SIDEROAD WORK

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

PROPOSED SIDEROAD WORK

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

EXIST. CURVE 493
PI STA. = 112+72.94
Δ = 2° 49' 31" (LT)
D = 1° 15' 59"
R = 4,523.94'
T = 111.56'
L = 223.07'

E = 1.38'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 111+61.38
P.T. STA. = 113+84.46

EXIST. CURVE 492
PI STA. = 110+49.87
Δ = 2° 51' 39" (RT)
D = 1° 16' 57"
R = 4,467.45'
T = 111.56'
L = 223.07'

E = 1.39'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 109+38.31
P.T. STA. = 111+61.38

PROPOSED PAVEMENT RESURFACING:

- * HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- * POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N90, 2"

PROPOSED ENTRANCE WORK
(TYPICAL, 3'-0" WIDTH):

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

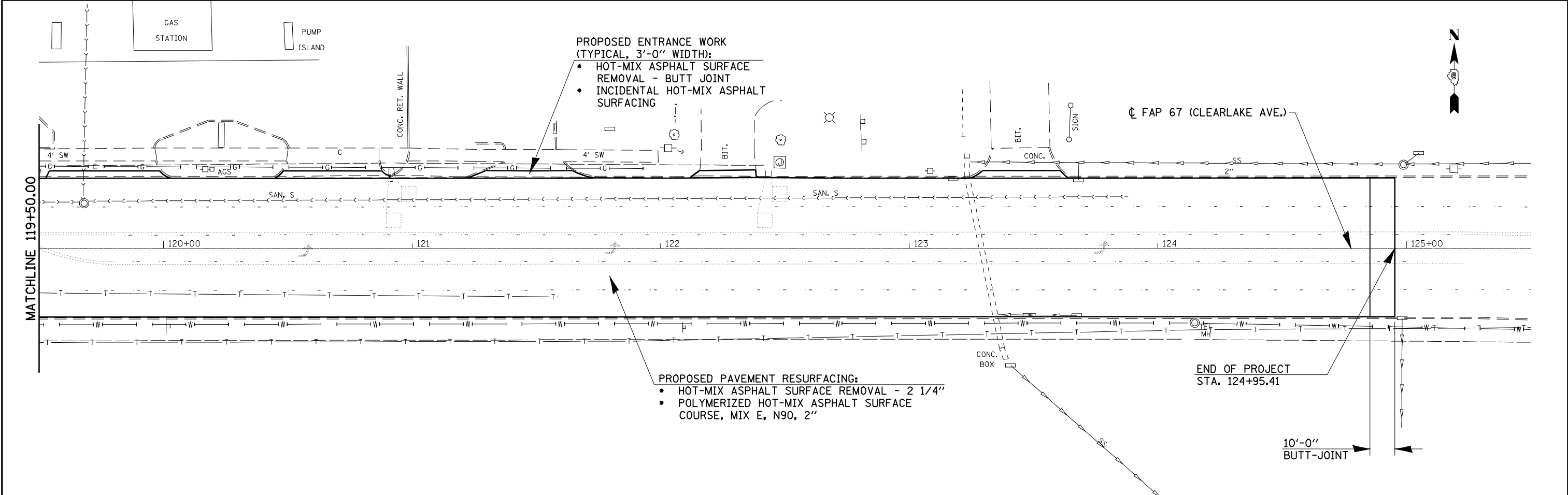
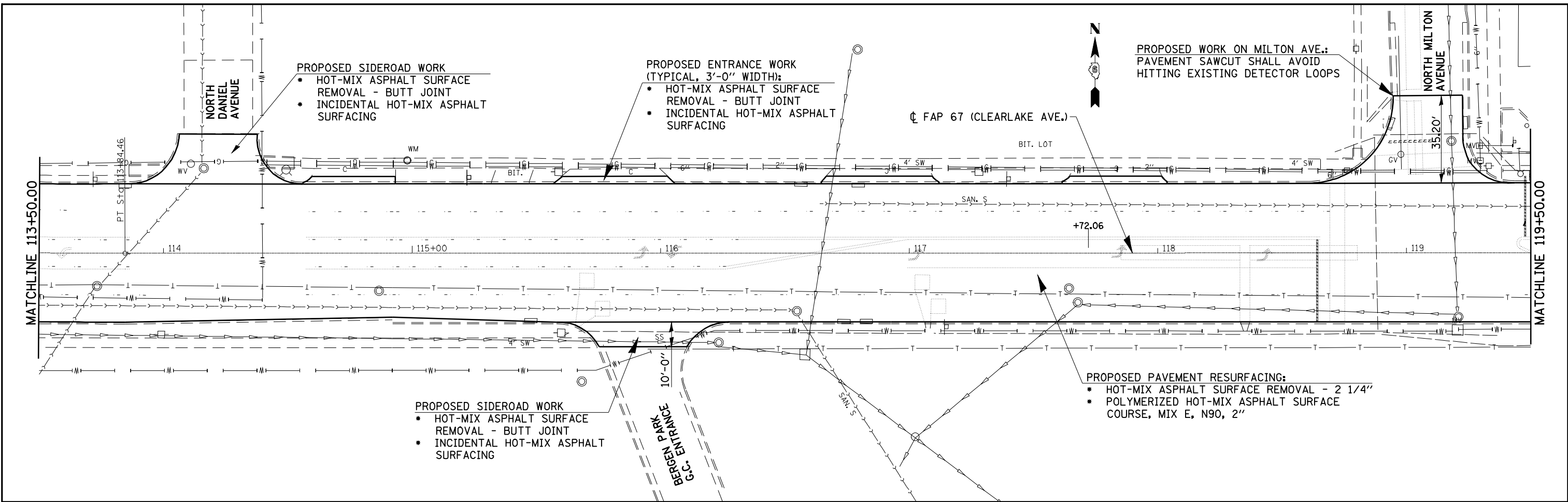
PROPOSED SIDEROAD WORK

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

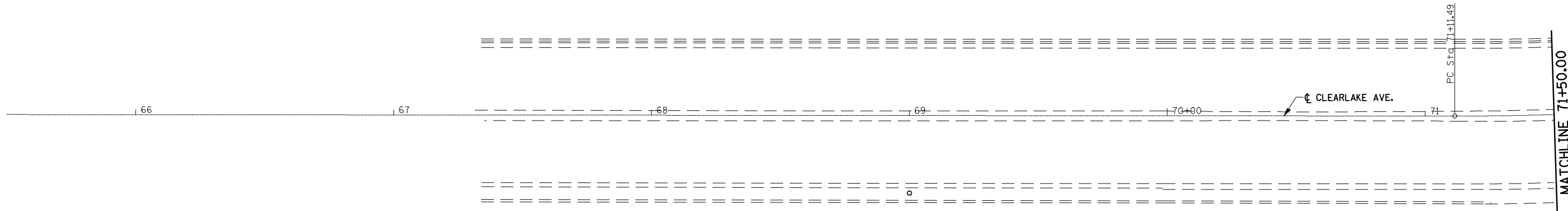
PROPOSED SIDEROAD WORK

- * HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- * INCIDENTAL HOT-MIX ASPHALT SURFACING

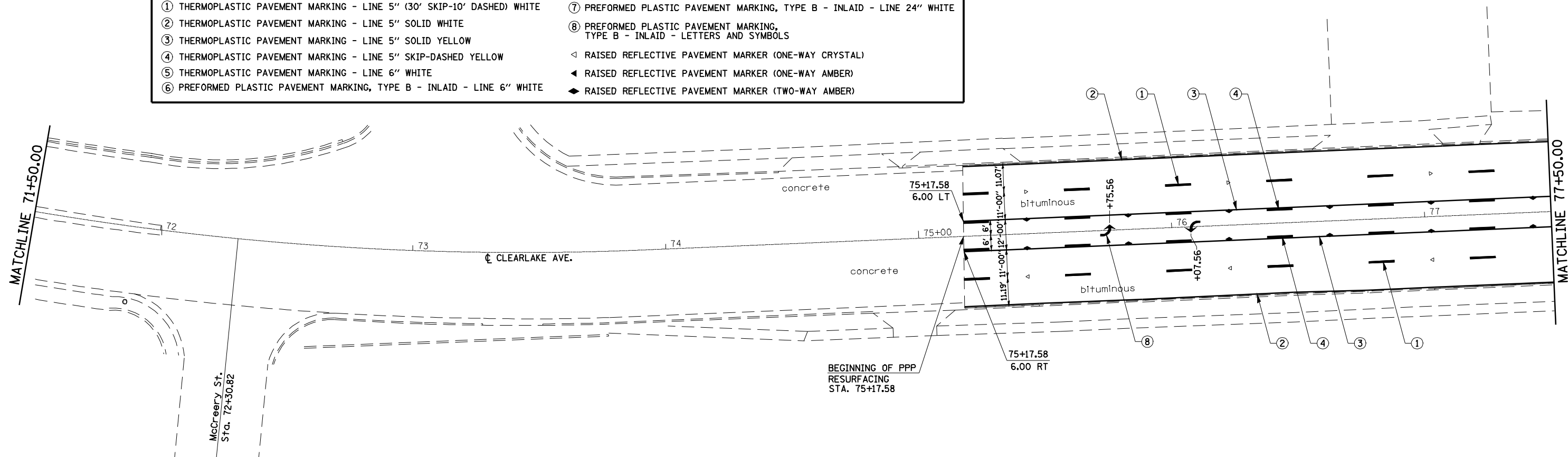
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	PLOT DATE = Apr-10-2009 01:45:44PM	CHECKED - MEB	REVISED - RTS 04-10-2009		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 04-09-09	REVISED -									



FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE. 67	SECTION (107)RS-8, (B-19)RS-4	COUNTY SANGAMON	TOTAL SHEETS 28	SHEET NO. 18
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PLOT SCALE = 40.0000' / IN.		CHECKED - MEB	REVISED - RTS 04-10-2009		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
PLOT DATE = Apr-10-2009 01:45:48PM		DATE - 04-09-09	REVISED -		CONTRACT NO. 72C98							



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP-10' DASHED) WHITE	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" WHITE
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID WHITE	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID YELLOW	◁ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SKIP-DASHED YELLOW	◄ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE	◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" WHITE	



FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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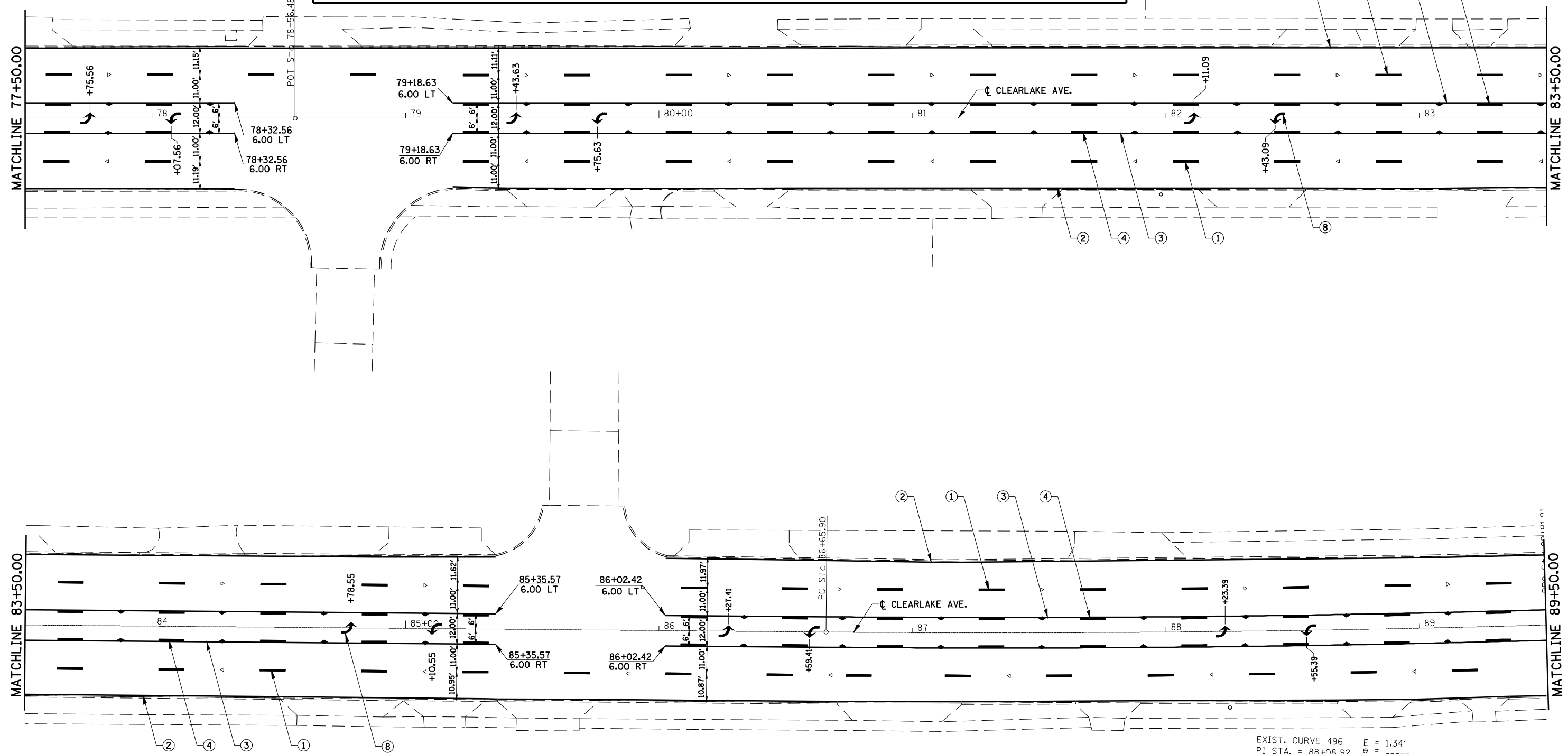
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING LAYOUT	
SCALE:	SHEET NO. 1 OF 5 SHEETS
STA. 67+50	TO STA. 77+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107Z)RS-8, (B-19)RS-4	SANGAMON	28	19
CONTRACT NO. 72C98				
ILLINOIS FED. AID PROJECT				

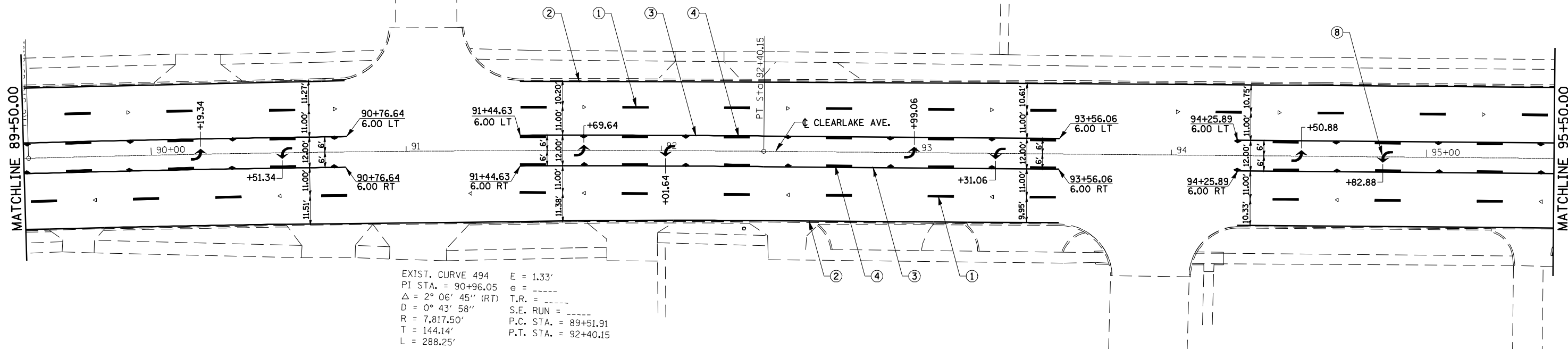
LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP-10' DASHED) WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID WHITE
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID YELLOW
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SKIP-DASHED YELLOW
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" WHITE
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" WHITE
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS
- ◁ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ◄ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



EXIST. CURVE 496
 PI STA. = 88+08.92
 $\Delta = 2^\circ 08' 40''$ (LT)
 $D = 0^\circ 44' 59''$
 $R = 7,641.25'$
 $T = 143.02'$
 $L = 286.01'$
 $E = 1.34'$
 $\theta = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 86+65.90$
 $P.T. \text{ STA.} = 89+51.91$

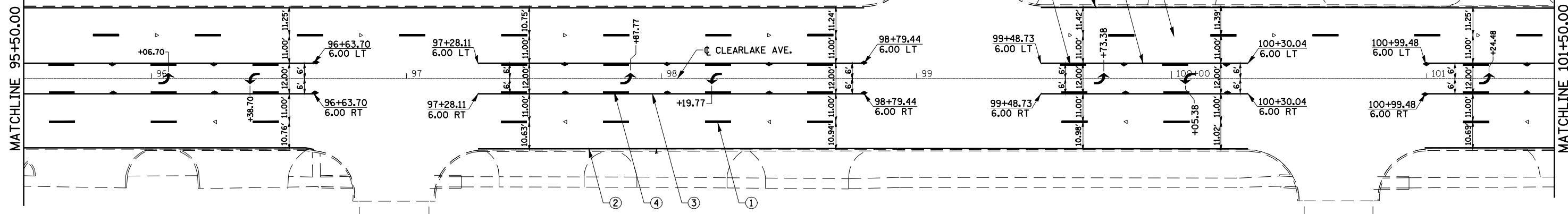
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es:\pwork\PWIDOT\LAUGHLINRL\dms21748\0672C98-shr-pmk.dgn		DRAWN - RTS	REVISED -		SCALE:	SHEET NO. 2 OF 5 SHEETS	STA. 67+50 TO STA. 89+50	CONTRACT NO. 72C98				
PLOT SCALE = 48.0000' / IN.		CHECKED - RTS	REVISED -		ILLINOIS FED. AID PROJECT							
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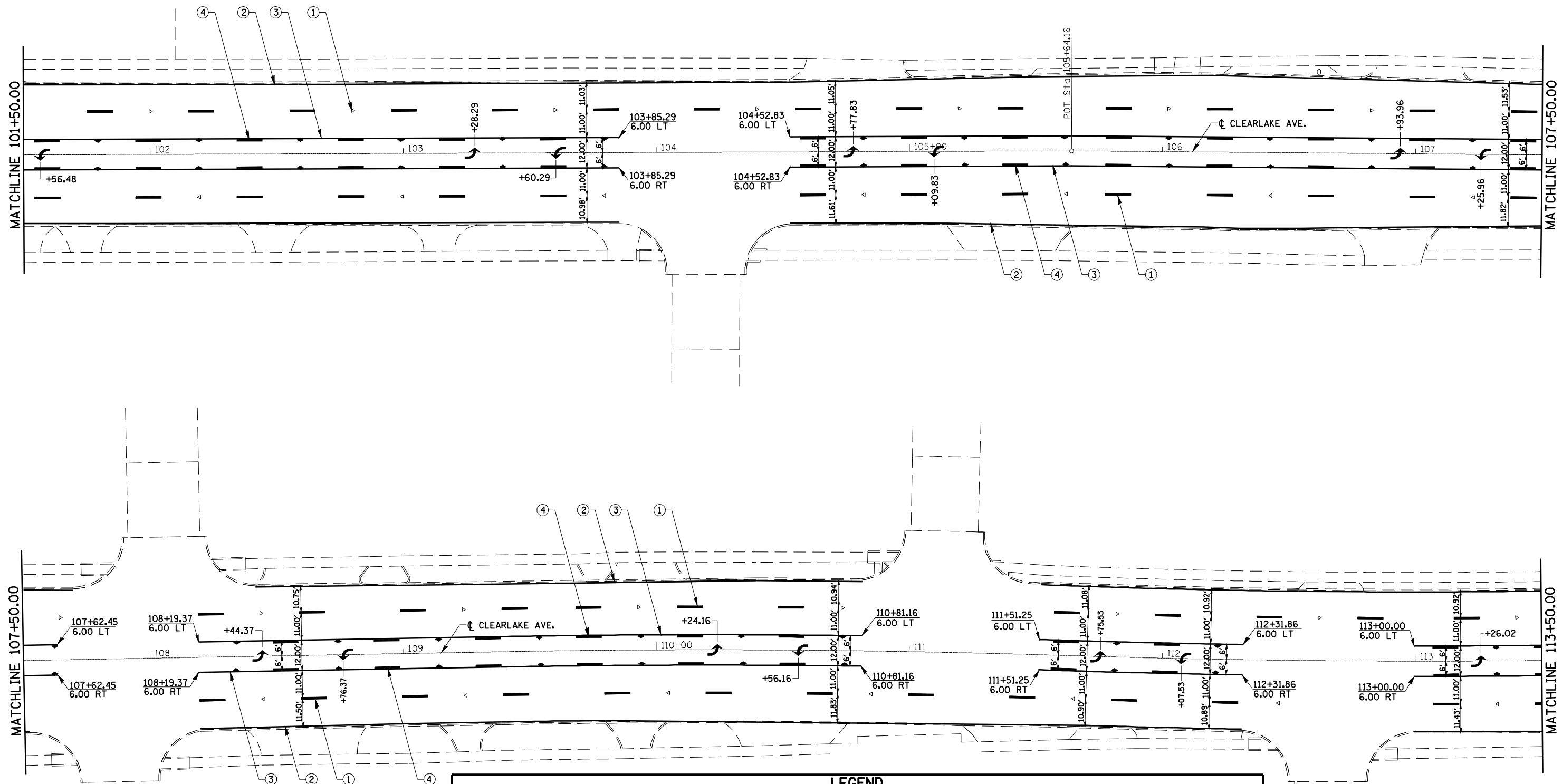
EXIST. CURVE 494 E = 1.33'
 PI STA. = 90+96.05 e = -----
 $\Delta = 2^\circ 06' 45''$ (RT) T.R. = -----
 D = $0^\circ 43' 58''$ S.E. RUN = -----
 R = 7,817.50' P.C. STA. = 89+51.91
 T = 144.14' P.T. STA. = 92+40.15
 L = 288.25'

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP-10' DASHED) WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID WHITE
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID YELLOW
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SKIP-DASHED YELLOW
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" WHITE
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" WHITE
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS
- ◁ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\PWIDOT\LAUGHLINRL\dms21748\10672C98-shr-pmk.dgn		DRAWN - RTS	REVISED -		SCALE:	SHEET NO. 3 OF 5 SHEETS	STA. 89+50	67	(107Z)RS-8, (B-19)RS-4	SANGAMON	28	21
PLOT SCALE = 48.0000' / IN.		CHECKED - RTS	REVISED -				TO STA. 101+50					
PLOT DATE = Apr-10-2009 01:45:57PM		DATE - 04-05-09	REVISED -									
ILLINOIS FED. AID PROJECT												



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP-10' DASHED) WHITE	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" WHITE
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID WHITE	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID YELLOW	◁ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SKIP-DASHED YELLOW	◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE	◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" WHITE	

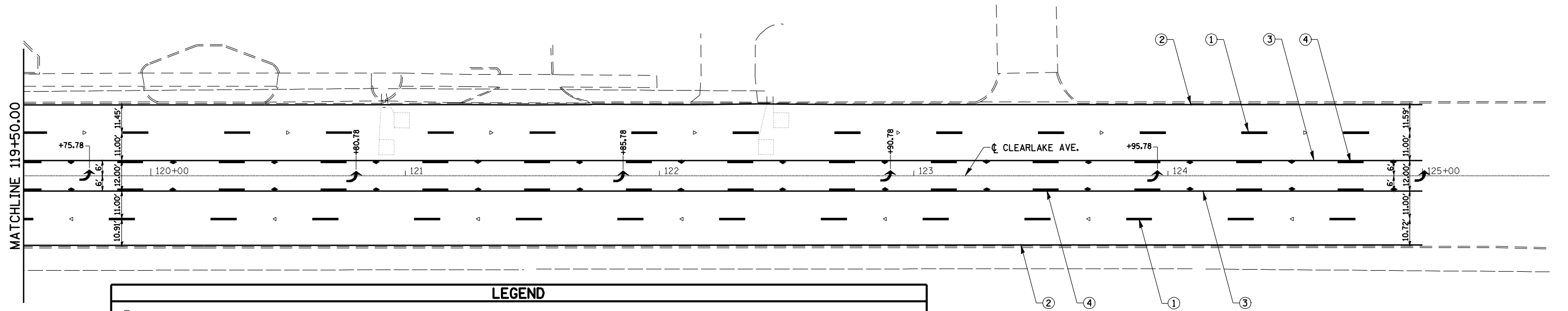
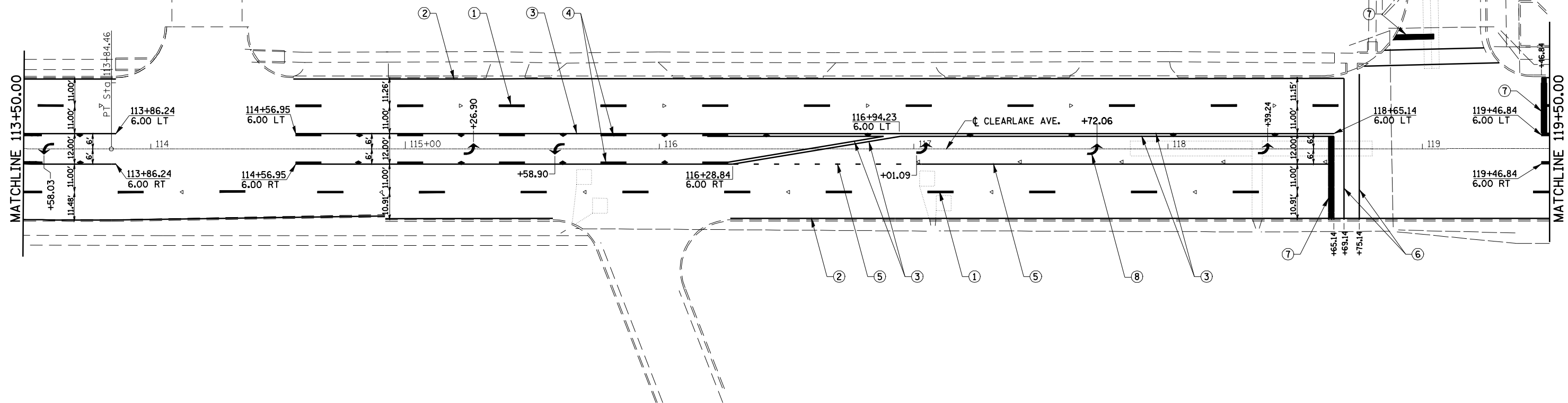
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PLOT SCALE = 48.0000' / IN.		CHECKED - RTS	REVISED -
PLOT DATE = Apr-10-2009 01:46:01PM		DATE - 04-05-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING LAYOUT

SCALE: SHEET NO. 4 OF 5 SHEETS STA. 101+50 TO STA. 113+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107)RS-8, (B-19)RS-4	SANGAMON	28	22
CONTRACT NO. 72C98				
ILLINOIS FED. AID PROJECT				



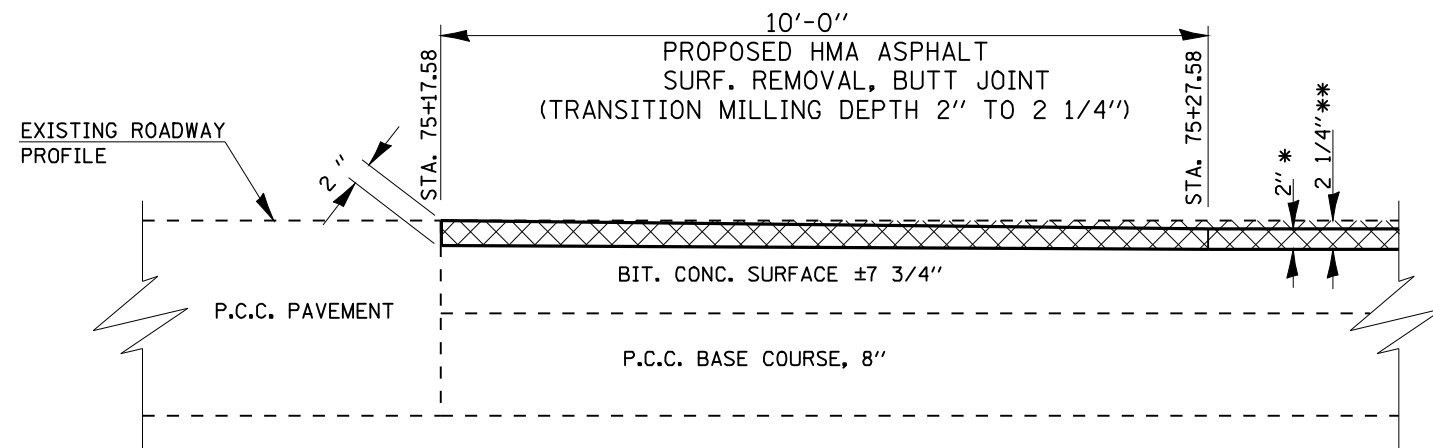
LEGEND			
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP-10' DASHED) WHITE	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" WHITE		
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID WHITE	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS		
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SOLID YELLOW	◁ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)		
④ THERMOPLASTIC PAVEMENT MARKING - LINE 5" SKIP-DASHED YELLOW	◄ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)		
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE	◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)		
⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" WHITE			

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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PLOT DATE = Apr-10-2009 01:46:04PM		DATE - 04-05-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

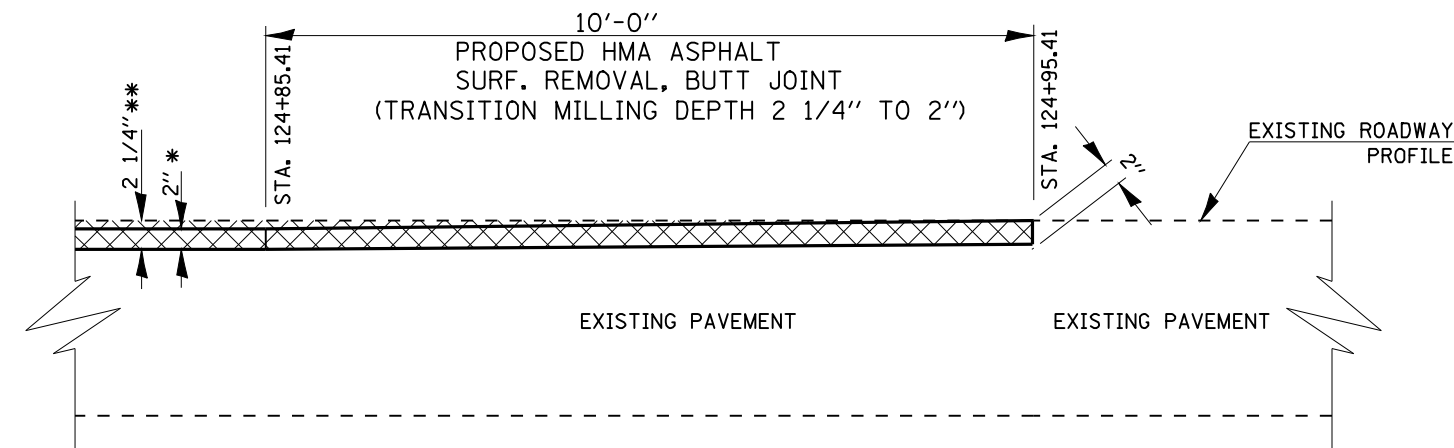
PAVEMENT MARKING LAYOUT			
SCALE:	SHEET NO. 5 OF 5 SHEETS	STA. 113+50	TO STA. 125+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107)RS-8, (B-19)RS-4	SANGAMON	28	23
CONTRACT NO. 72C98				
ILLINOIS FED. AID PROJECT				



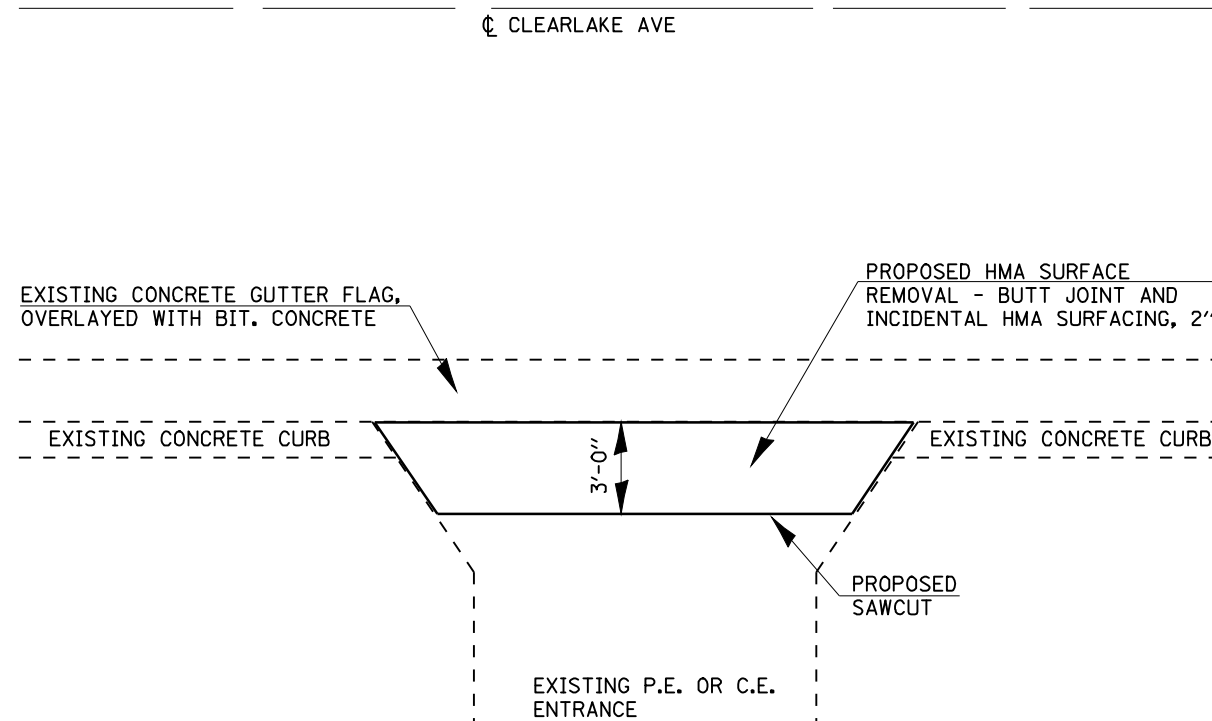
* POLYMERIZED HMA ASPHALT SURF. CRSE., MIX "E", N90 (2" DEPTH)
 ** HMA SURFACE REMOVAL, 2 1/4"

**PROPOSED MAINLINE BUTT-JOINT
 BEGINNING OF PROJECT**

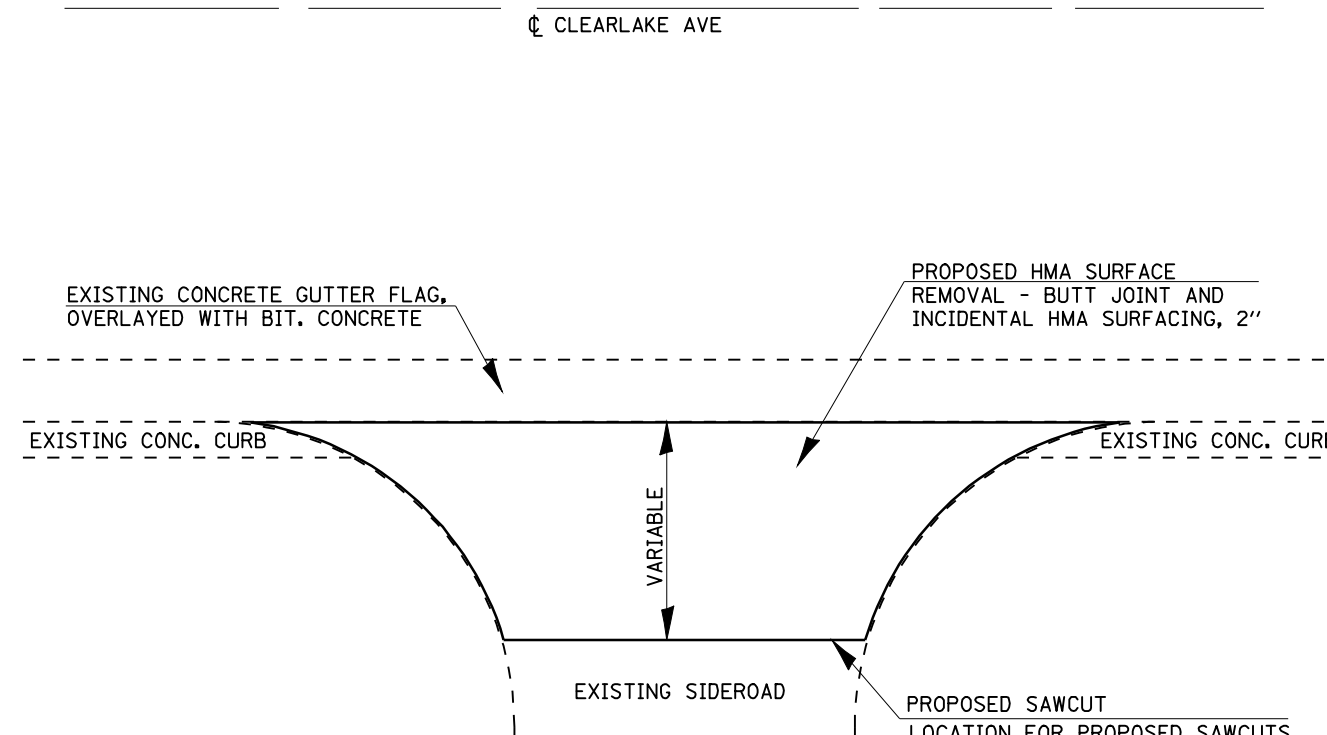


* POLYMERIZED HMA ASPHALT SURF. CRSE., MIX "E", N90 (2" DEPTH)
 ** HMA SURFACE REMOVAL, 2 1/4"

**PROPOSED MAINLINE BUTT-JOINT
 END OF PROJECT**



P.E., C.E. ENTRANCE DETAIL



SIDEROAD DETAIL

PROPOSED SAWCUT LOCATION FOR PROPOSED SAWCUTS VARIES WITH EACH SIDEROAD. SEE PLAN SHEETS FOR THEIR LOCATIONS. (SAWCUTS ARE INCLUDED IN THE COSTS FOR HMA SURFACE REMOVAL - BUTT JOINT)

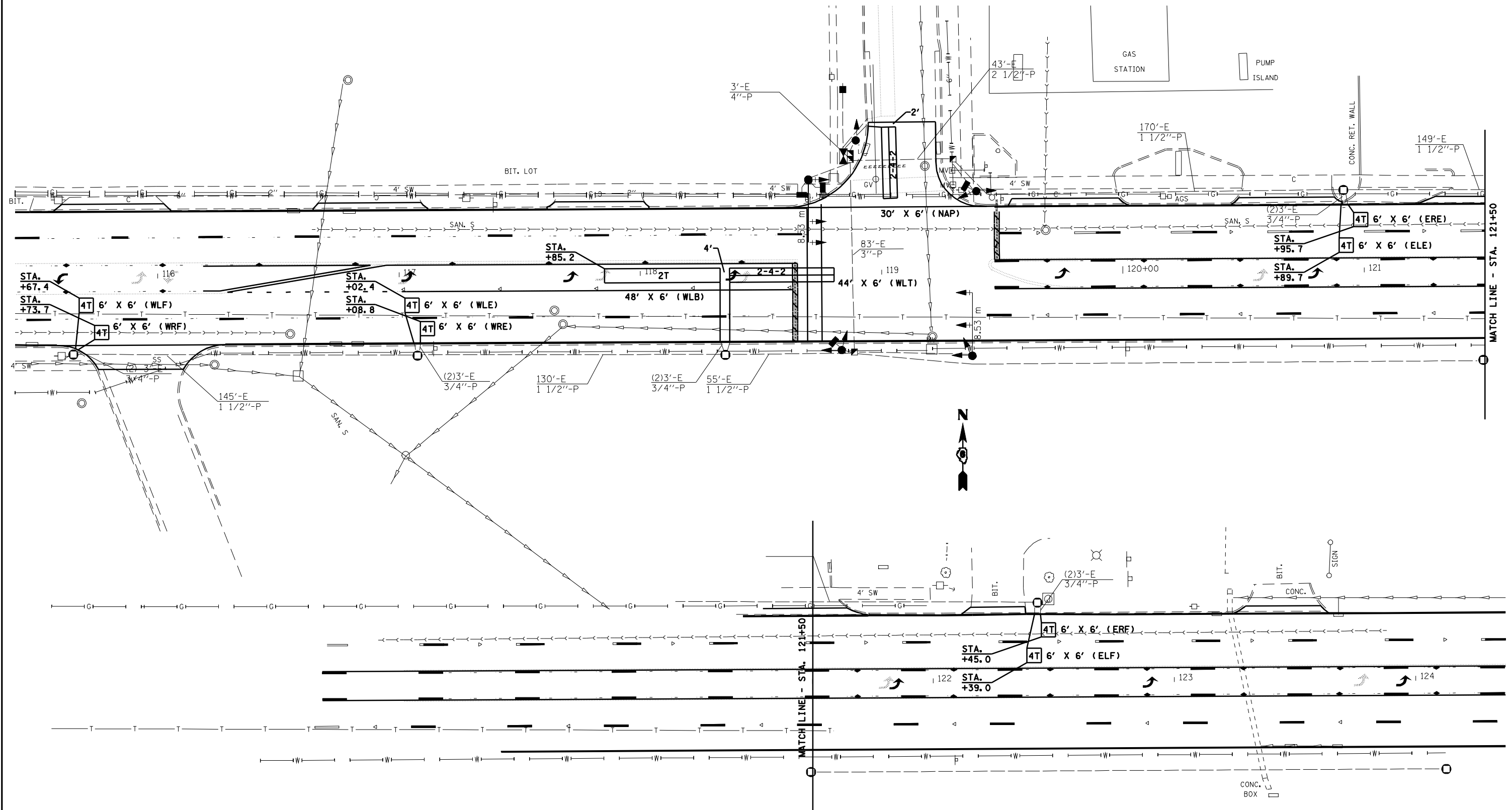
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ea:\pwork\pwork\LAUGHLINRL\dms21748\0672C98-shr-detail.dgn		DRAWN - RTS	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED - MEB	REVISED -
	PLOT DATE = Apr-10-2009 01:46:06PM	DATE - 04-08-09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107)RS-8, (B-19)RS-4	SANGAMON	28	24
CONTRACT NO. 72C98				
ILLINOIS FED. AID PROJECT				

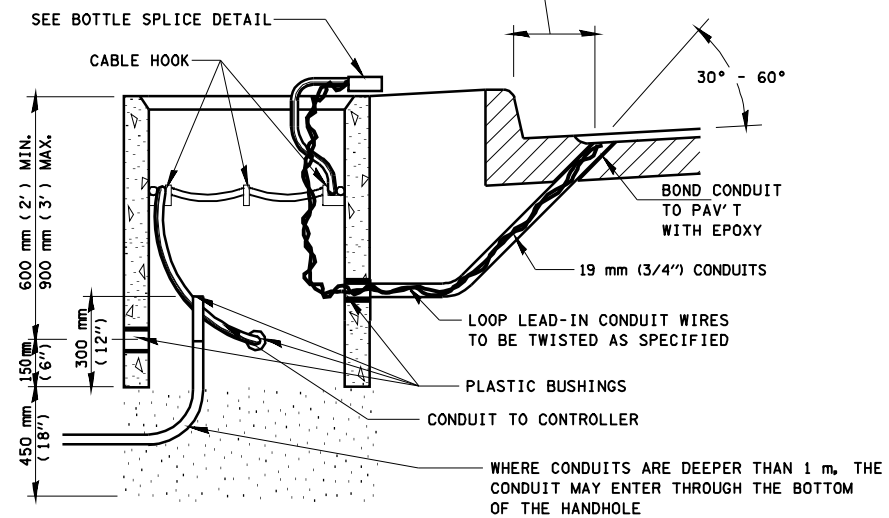


TRAFFIC SIGNAL QUANTITIES

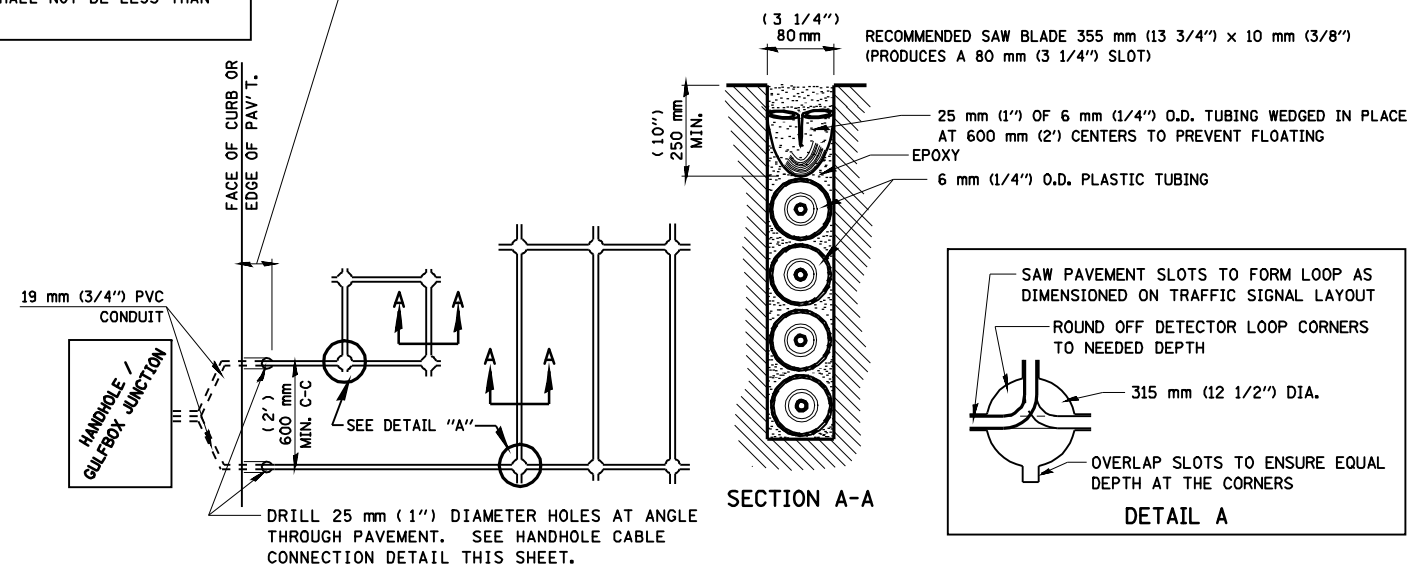
QUANTITY	UNIT	ITEM
675.0	FOOT	DETECTOR LOOP, TYPE I

LENGTH OF SLACK FOR LOOP LEAD-INS SHALL PROVIDE FOR MAKING THE SPLICE ON TOP OF THE HANDHOLE AND ONE COMPLETE LOOP OF THE INTERIOR OF THE HANDHOLE, THE SPLICE SHALL BE SUPPORTED BY A CABLE HOOK.

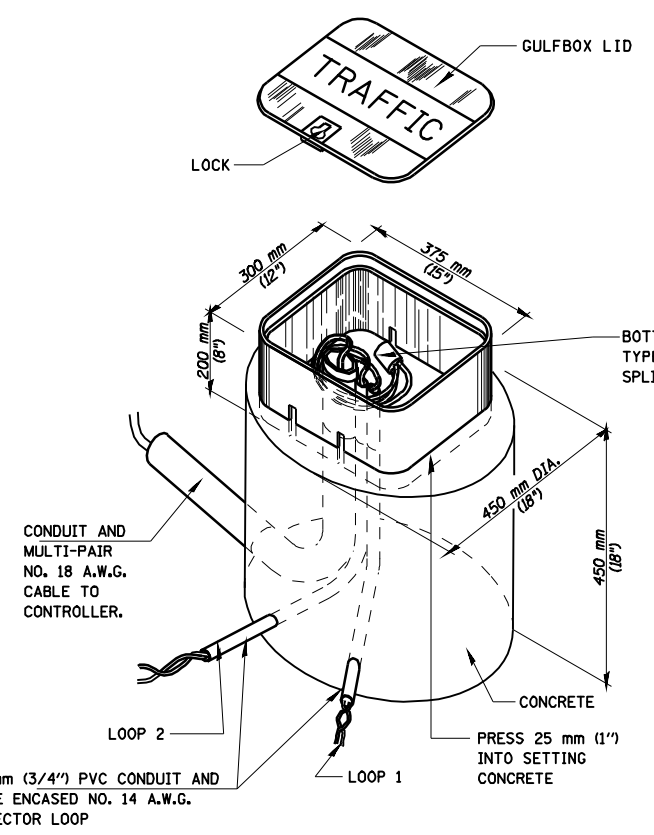
THE LOOP LEAD-IN CONDUIT HOLES SHALL BE PLACED AS CLOSE TO THE CURB AS POSSIBLE TO PERMIT SAW OVERLAP WITHOUT SCARRING FACE OF CURB.
IN NON-CURB LOCATIONS THE DISTANCE SHALL NOT BE LESS THAN 150 mm (6").



HANDHOLE CABLE CONNECTIONS

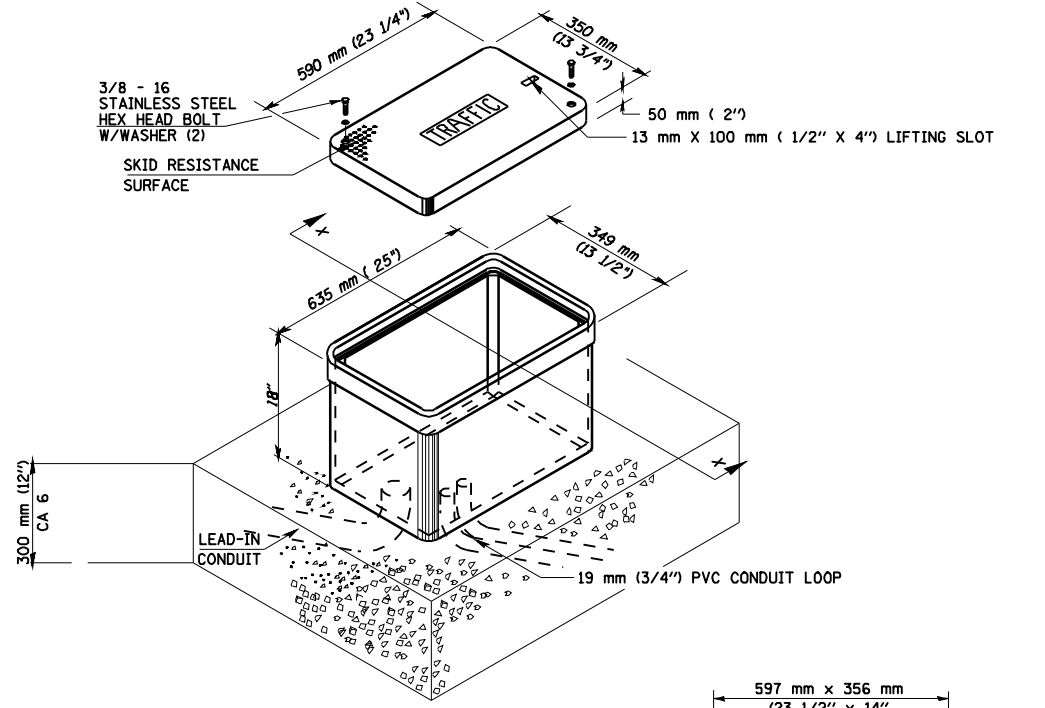


PAVEMENT SAWING DETAIL FOR TUBE ENCASED DETECTOR LOOP WIRE

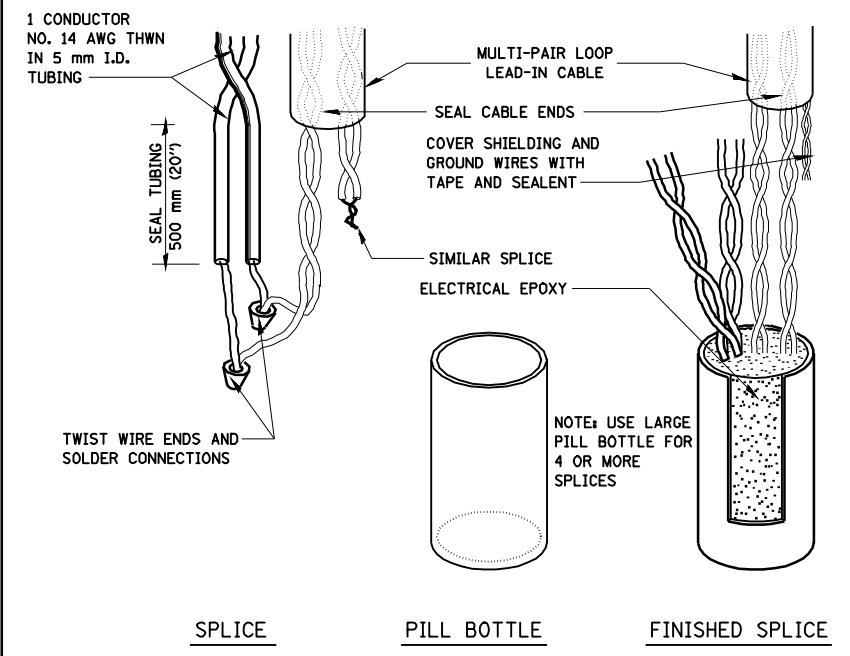


GULFBOX JUNCTION DETAIL

(SHOWING CONNECTION OF TUBE-ENCASED DETECTOR LOOP TO MULTI-PAIR LEAD-IN CABLE)



JUNCTION BOX (SPECIAL)



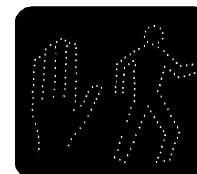
BOTTLE SPLICE DETAIL

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SQ M (SQ FT)
		PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		PC CONC SDWLK 100 mm SPECIAL IN SQ M (SQ YD)

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8'') SIGNAL SECTION
		300 mm (12'') SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm (9'') PEDESTRIAN SIGNAL FACE
		300 mm (12'') PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR



• - (107)RS-8, (B-19)RS-4