ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	1
	JOB No: C-93-013-25		PROJECT No: UDKA(723)	

06-12-2026 LETTING ITEM 079

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

"PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS"

TOLL FREE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) TELEPHONE NUMBER 1-800-892-0123

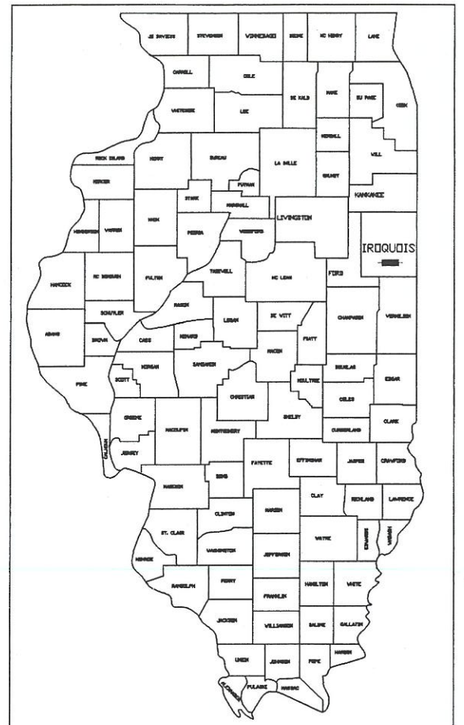
PLANS FOR PROPOSED IMPROVEMENT OF FEDERAL AID SECONDARY HIGHWAY 334

SURFACE TRANSPORTATION PROGRAM – RURAL
"HMA RESURFACING PROJECT"
IROQUOIS COUNTY

FAS ROUTE 334 (CH 9)
SECTION: 21-00317-00-RS
PROJECT NO. UDKA(723)
JOB NO. C-93-013-25

INDEX OF SHEETS	
SHEET NUMBER	DESCRIPTION
1	COVER SHEET -- LOCATION MAP
2	SUMMARY OF QUANTITIES, GENERAL NOTES, MIXTURE TABLE, AND BUTT JOINT DETAIL
3-6	EXISTING & PROPOSED X-SECTIONS
7	EXISTING & PROPOSED X-SECTION FOR SN: 038-0180
8	SHOULDER WIDENING & MILLING QUANTITY TABLES
9-10	TYPICAL ENTRANCES, SIDE ROAD INTERSECTIONS, MAIL BOX TURNOUTS & INCIDENTAL HMA SURFACING
11	QUANTITY TABLES
12	RUMBLE STRIP DETAIL

ILLINOIS HIGHWAY STANDARD DRAWINGS	
000001-09	SYMBOLS AND ABBREVIATIONS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 24-2	MAILBOX TURNOUT



N

BEGIN PROJECT
STA 0+84
(1200E/1000N)

UNION PACIFIC RR OMMISSION
STA 351+70 TO 351+80

0 1 2 3 4
SCALES MILE

MAJOR COLLECTOR 2036 ADT = 725, 1,000
PV = 88% SU = 7 % MU = 5 %
DESIGN SPEED = 50 M. P. H.

END PROJECT
STA 503+20
MILFORD VILLAGE LIMITS

T25N

038-0180
STA 448+27 TO STA 450+59

GROSS LENGTH = 50,236.00 FT. = 9.514 MILE
UP RR OMISSION LENGTH = 10.00 FT. = .001 MILE
NET LENGTH = 50,226.00 FT. = 9.513 MILE

Approved MARCH 17, 2026
Alan Harwood
COUNTY ENGINEER

Passed APRIL 10, 2026
DISTRICT THREE LOCAL ROADS AND STREETS ENGINEER

RELEASED FOR BID BASED ON LIMITED REVIEW APRIL 10, 2026
Justin Thompson
REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LICENSED PROFESSIONAL ENGINEER
ALAN J HARWOOD
062-062548
OF ILLINOIS

"THESE PLAN WERE PREPARED BY ME OR BY A FULL TIME MEMBER OF MY STAFF WORKING UNDER MY DIRECT SUPERVISION"

Alan Harwood

ALAN J. HARWOOD, COUNTY ENGINEER
ILL. REG. PROF. ENG. #620-062548
DATE EXPIRES: 11/30/27

CONTRACT 87859

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	2
	JOB No: C-93-013-25		PROJECT No: UDKA(723)	

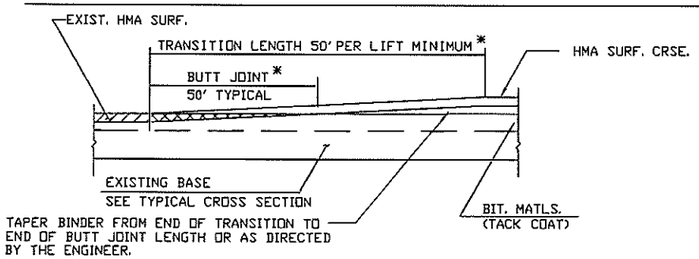
CONTACT 87859

SUMMARY OF QUANTITIES

	PAY ITEM #	PAY ITEM	FUND CODE	0005
			UNIT	QUANTITY
SP	20200500	EARTH EXCAVATION (WIDENING)	CU YD	720
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	88,100
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	50,226
SP	40600405	MATERIAL TRANSFER DEVICE	TON	25,025
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	812
	40600990	TEMPORARY RAMP	SQ YD	225
SP	40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	3,300
SP	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	10,975
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'C', N50	TON	10,750
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	805
SP	44000155	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2	SQ YD	1,807
SP	44000161	HOT-MIX ASPHALT SURFACE REMOVAL 3	SQ YD	320
SP	48101200	AGGREGATE SHOULDER, TYPE B	TON	9,650
SP	48203100	HMA SHOULDERS	TON	1,449
SP	52000035	PREFORMED JOINT SEAL 2 3/4	FOOT	35
SP	66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	6
	67100100	MOBILIZATION	L SUM	1
SP	70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,040
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,673
SP	70300221	TEMPORARY PAVEMENT MARKING LINE 4" PAINT	FOOT	38,487
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	122
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	78
* SP	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	76,974
* SP	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS & SYMBOLS	SQ FT	122
* SP	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	78
SP	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
SP	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
SP	Z0055300	RUMBLE STRIP	EACH	3

SP: SEE SPECIAL PROVISIONS
* SPECIALTY ITEM

HMA SURFACE REMOVAL BUTT JOINT DETAIL



* OR AS DIRECTED BY THE ENGINEER

MIXTURE TABLE

	HMA BINDER	HMA SHOULDERS	HMA BINDER	HMA SURFACE	INCIDENTAL HMA
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 19.0	IL 9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE	N/A	N/A	N/A	MIXTURE C	MIXTURE C
DENSITY TEST METHOD	NUCLEAR	CORES	NUCLEAR	NUCLEAR	SATISFACTION OF ENGINEER
MIXTURE WEIGHT	112#/Sq. Yd./In.	112#/Sq. Yd./In.	112#/Sq. Yd./In.	112#/Sq. Yd./In.	112#/Sq. Yd./In.
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE	REQUIRED	N/A	REQUIRED	REQUIRED	N/A
LOCATION(S)	STA. 0+84 TO STA. 351+70	ENTIRE PROJECT	STA. 351+80 TO STA. 503+20	ENTIRE PROJECT	ENTIRE PROJECT

GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE TYPICAL X-SECTION IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

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.

SECTION NOTES

THE PROPOSED IMPROVEMENT CONSISTS OF A HOT-MIX ASPHALT SURFACE COURSE INCLUDING BINDER COURSE, SHOULDER STONE AND ALL WORK NECESSARY TO COMPLETE THE PROJECT ACCORDING TO THE PLANS AND SPECIFICATIONS.

COUNTY HIGHWAY 4 IS A COMBINATION OF SECTIONS: V-15d, 32-15d, 64-15d, 209G, 212G, V-W&RS, (V1-15d)BR, & (64,32-15d)W&RS, (V-15d)RS

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUALITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
BITUMINOUS MATERIALS TACK COAT	0.05/0.025	LBS/SQ FT
HOT MIX ASPHALT SURFACE COURSE	112	LBS/SQ YD/INCH
BINDER COURSE, IL-9.5, N50	112	LBS/SQ YD/INCH
BINDER COURSE, IL-19.0, N50	112	LBS/SQ YD/INCH
SHORT TERM PAVEMENT MARKING	4	FT/40 FT OF APPLICATION
PAINT PAVEMENT MARKING - LINE 4"	10	FT/40 FT OF APPLICATION

PAVEMENT DESIGN - CH 9

STRUCTURAL DESIGN TRAFFIC: YEAR 2036
PV= 638 (88%) SU= 51 (7%) MU= 36 (5%)
ROAD CLASSIFICATION CLASS III
TRAFFIC FACTOR: ACTUAL TF = 0.195 AC TYPE = PG 64-22
SN_F = 3.4
PG GRADE: BINDER = PG 64-22 SURFACE = PG 64-22
SUB GRADE SUPPORT RATING:
IBV = 2.5 (STA. 0+84 TO 351+70)

PAVEMENT DESIGN - CH 9

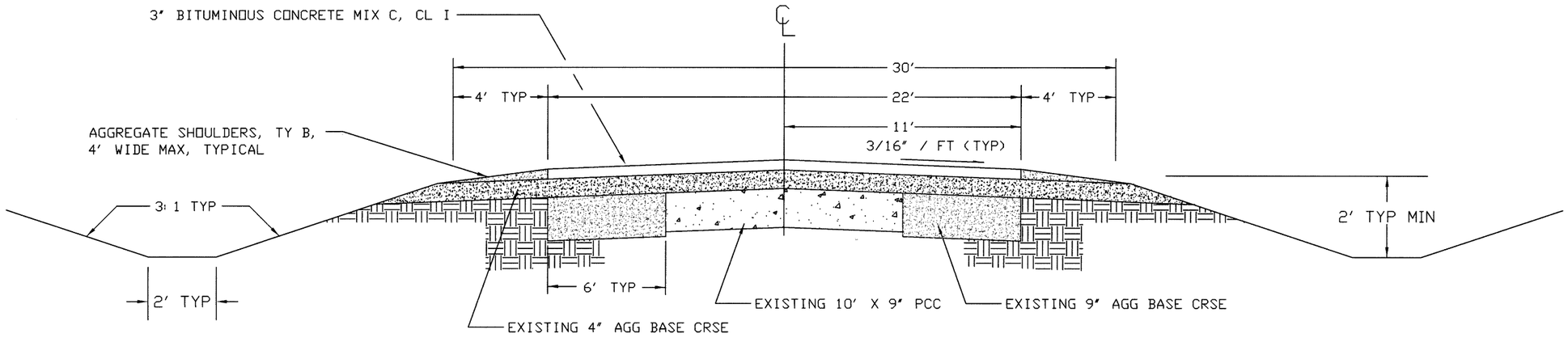
STRUCTURAL DESIGN TRAFFIC: YEAR 2036
PV= 880 (88%) SU= 70 (7%) MU= 50 (5%)
ROAD CLASSIFICATION CLASS III
TRAFFIC FACTOR: ACTUAL TF = 0.270 AC TYPE = PG 64-22
SN_F = 3.6
PG GRADE: BINDER = PG 64-22 SURFACE = PG 64-22
SUB GRADE SUPPORT RATING:
IBV = 2.5 (STA. 351+80 TO 503+20)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	3
	JOB No: C-93-013-25	PROJECT No: UDKA(723)		

CONTACT 87859

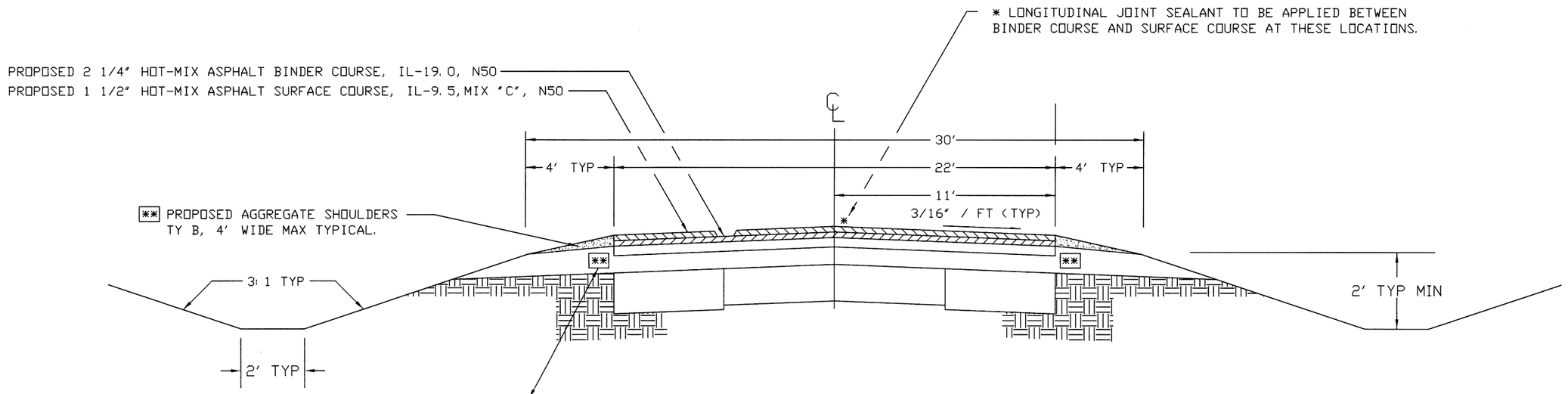
EXISTING TYPICAL SECTION 1

STATION 0+84 TO 316+71
STATION 329+40 TO 351+70



PROPOSED TYPICAL SECTION 1

STATION 0+84 TO 316+71
STATION 329+40 TO 351+70

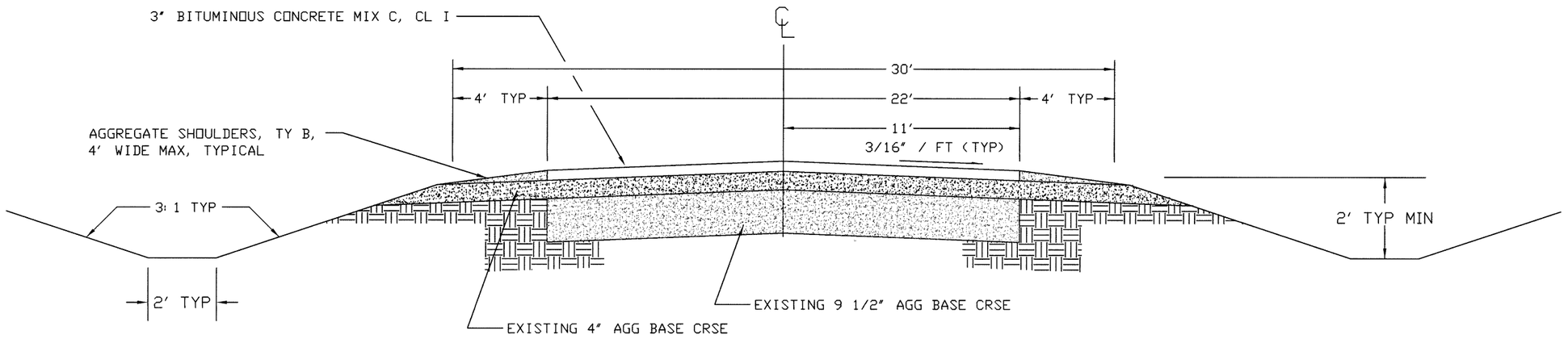


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	4
	JOB No: C-93-013-25		PROJECT No: UDKA(723)	

CONTACT 87859

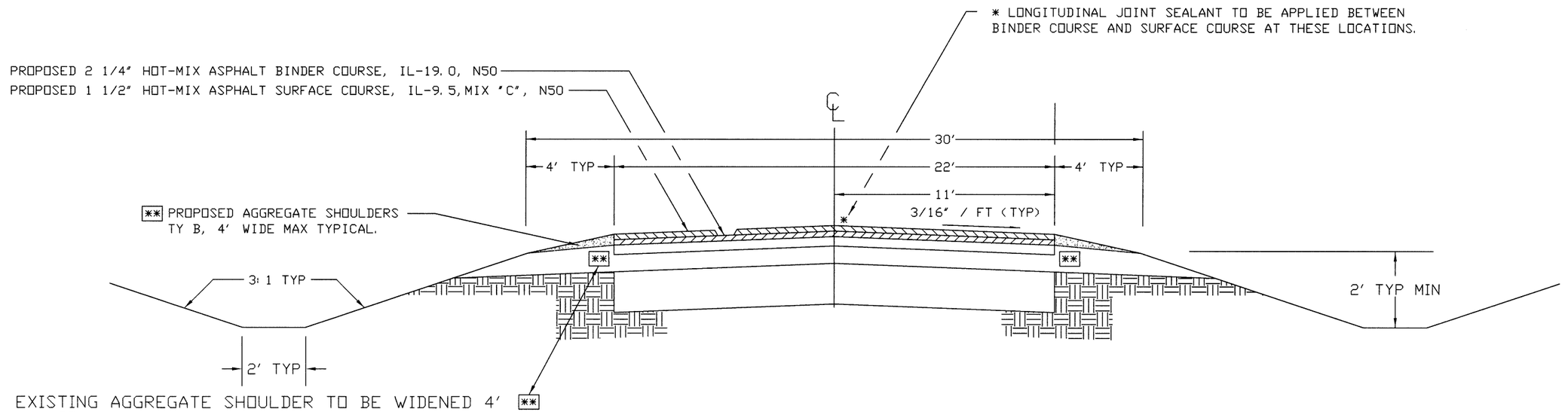
EXISTING TYPICAL SECTION 2

STATION 316+71 TO 329+40



PROPOSED TYPICAL SECTION 2

STATION 316+71 TO 329+40

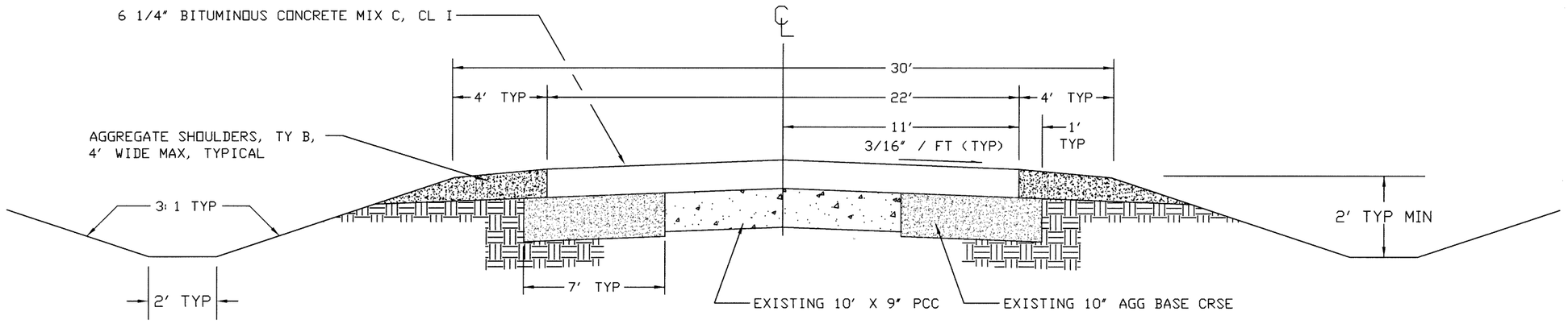


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	5
	JOB No: C-93-013-25	PROJECT No: UDKA(723)		

CONTACT 87859

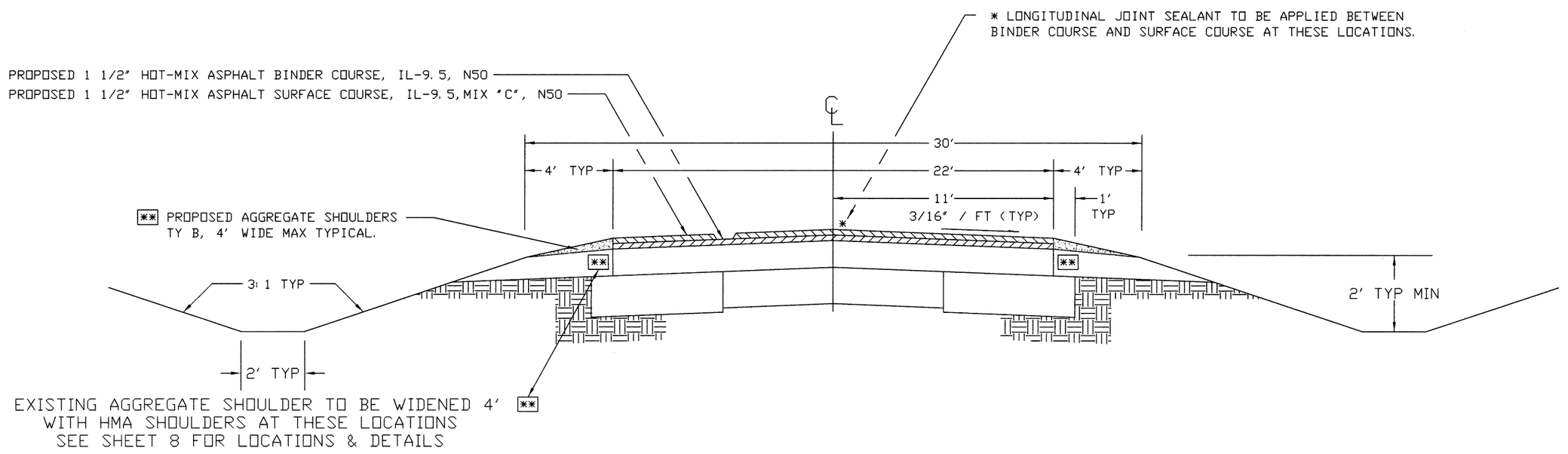
EXISTING TYPICAL SECTION 3

STATION 351+80 TO 443+20
STATION 467+72 TO 502+30



PROPOSED TYPICAL SECTION 3

STATION 351+80 TO 443+20
STATION 467+72 TO 502+30

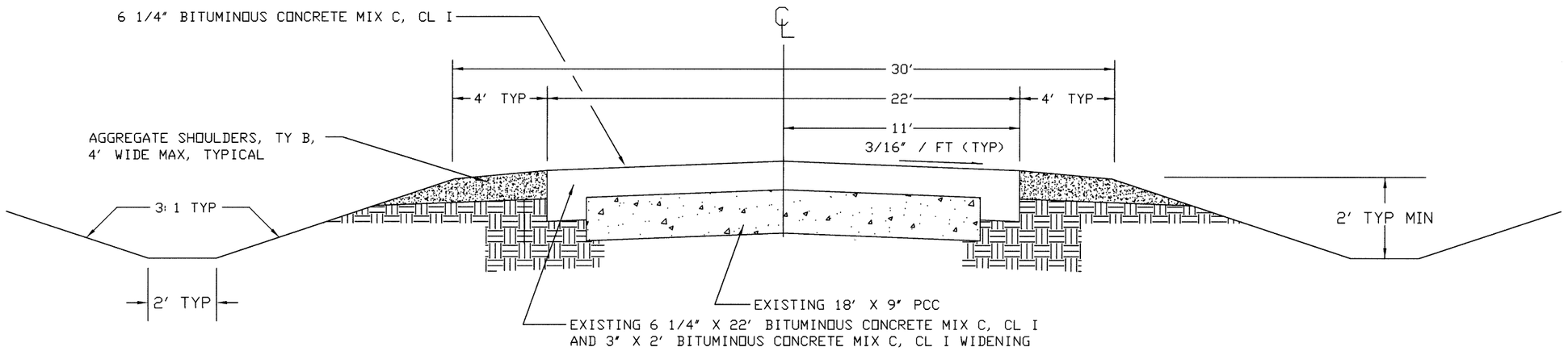


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	6
	JOB No: C-93-013-25		PROJECT No: UDKA(723)	

CONTACT 87859

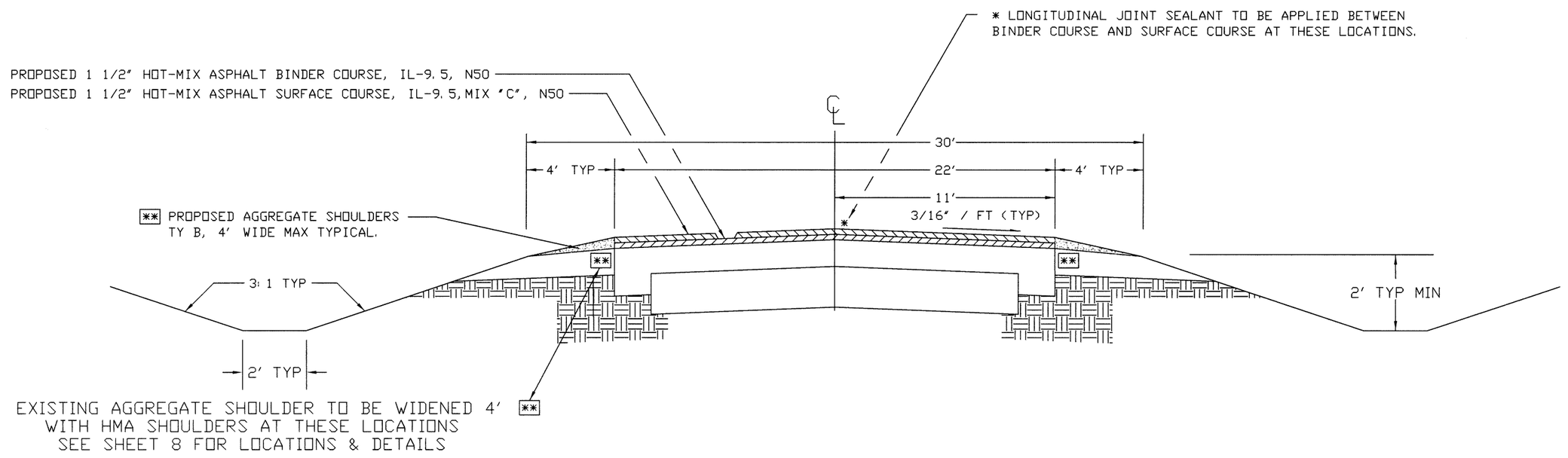
EXISTING TYPICAL SECTION 4

STATION 443+20 TO 448+27
STATION 450+59 TO 467+72



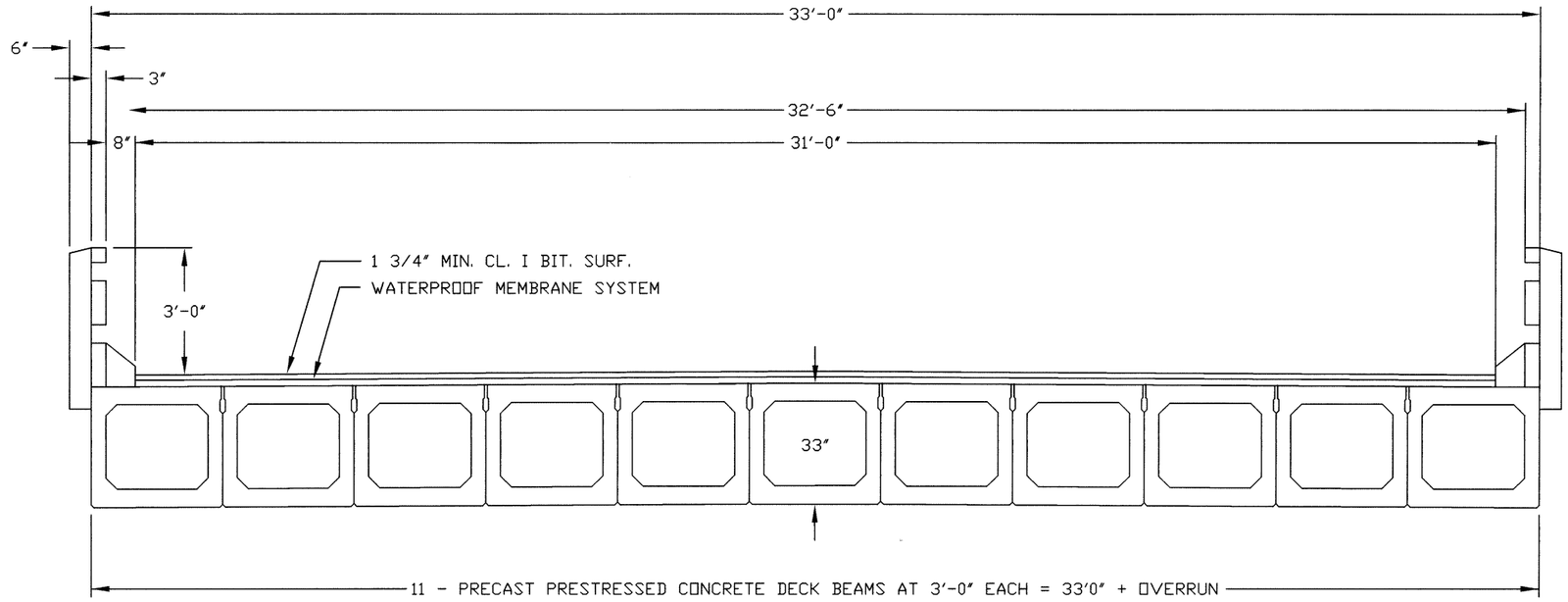
PROPOSED TYPICAL SECTION 4

STATION 443+20 TO 448+27
STATION 450+59 TO 467+72

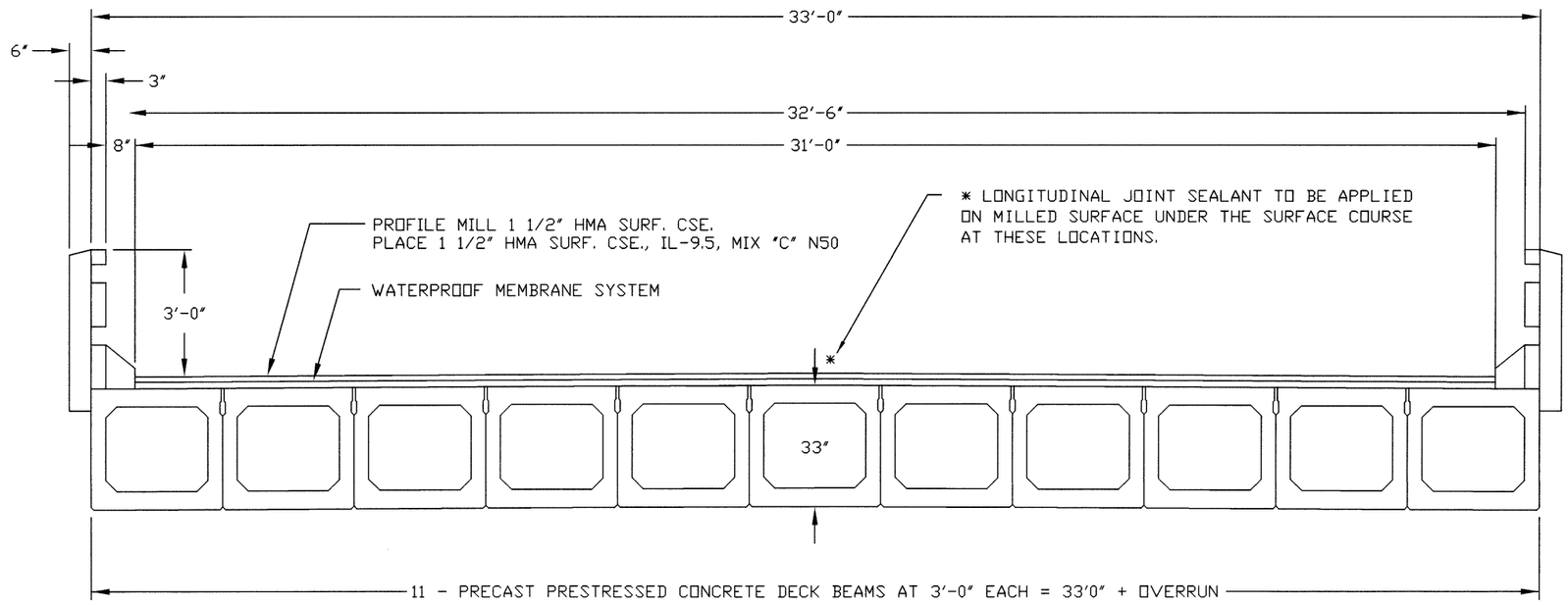


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	7
	JOB No: C-93-013-25		PROJECT No: UDKA(723)	

CONTRACT 87859



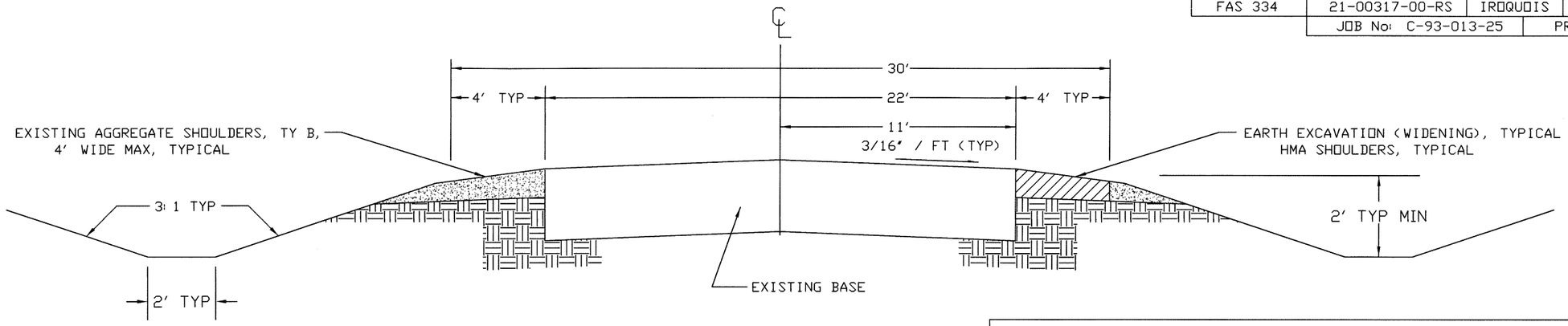
EXISTING CROSS SECTION
STRUCTURE 038-0180
STA 448+27 TO STA 450+59



PROPOSED CROSS SECTION
STRUCTURE 038-0180
STA 448+27 TO STA 450+59

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	8
	JOB No: C-93-013-25	PROJECT No: UDKA(723)		

CONTRACT 87859



40600982
HMA SURFACE REMOVAL
BUTT JOINT

STATION TO STATION	SQ. YDS.
1+90 TO 2+20	74
351+40 TO 351+70	74
351+80 TO 352+10	74
366+00 LT	120
447+87 TO 448+27	98
450+59 TO 450+89	74
475+80 LT	65
476+20 RT	25
482+17 RT	30
486+36 LT	20
487+22 RT	60
500+90 TO 501+30	98
TOTAL =	812

40600990
TEMPORARY RAMP

STATION TO STATION	SQ. YDS.
0+84 TO 0+90	33
351+64 TO 351+70	15
351+80 TO 351+86	15
366+00 LT	15
448+21 TO 448+33	30
448+79 TO 448+91	30
450+53 TO 450+65	30
475+80 LT	20
450+53 TO 450+65	20
503+14 TO 503+20	17
TOTAL =	225

* INCLUDES QUANTITY FOR INTERSECTION RADII

44000155
HMA SURFACE REMOVAL 1 1/2"

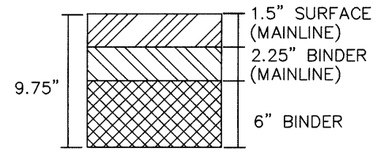
STATION TO STATION	WIDTH	SQ. YDS.
0+84 TO 1+90	22	304*
4+14 TO 4+41 LT	11	33
6+16 TO 6+43 LT	11	33
10+95 TO 11+21 LT	11	32
448+27 TO 450+59	31	799
453+15 TO 455+70 LT	2	57
501+30 TO 503+20	26	549
TOTAL =		1,807

44000161
HMA SURFACE REMOVAL 3"

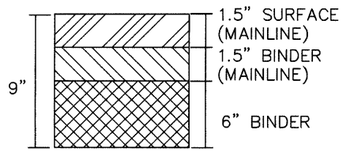
STATION TO STATION	WIDTH	SQ. YDS.
210+50 TO 215+30 LT	6	320
TOTAL =		320

HMA SHOULDERS

STA 0+84 TO STA 351+70



STA 351+80 TO STA 503+20



20200500
EARTH EXCAVATION (WIDENING)

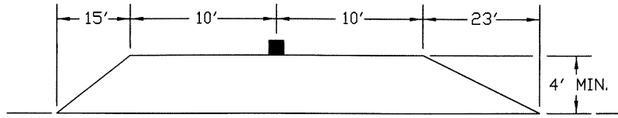
STATION	WIDTH	CU YD
STA 0+84 TO 2+21 RT	4	11*
STA 0+84 TO 2+21 LT	4	11*
STA 109+95 TO 112+67 LT	4	20
STA 113+20 TO 116+85 RT	4	27
STA 315+65 TO 322+75 RT	4	53
STA 322+90 TO 330+40 LT	4	56
STA 360+35 TO 365+95 RT	4	42
STA 366+00 TO 371+30 LT	4	39
STA 415+30 TO 421+60 RT	3	35
STA 430+08 TO 435+57 LT	4	41
STA 442+15 TO 448+31 LT	4	46
STA 450+55 TO 468+00 RT	4	129
STA 450+63 TO 468+00 LT	4	129
STA 473+58 TO 474+08 LT	4	4
STA 474+50 TO 475+57 LT	4	8
STA 476+12 TO 478+00 LT	4	14
STA 487+60 TO 490+50 RT	4	22
STA 492+90 TO 497+35 RT	4	33
TOTAL =		720

48203100
HMA SHOULDERS

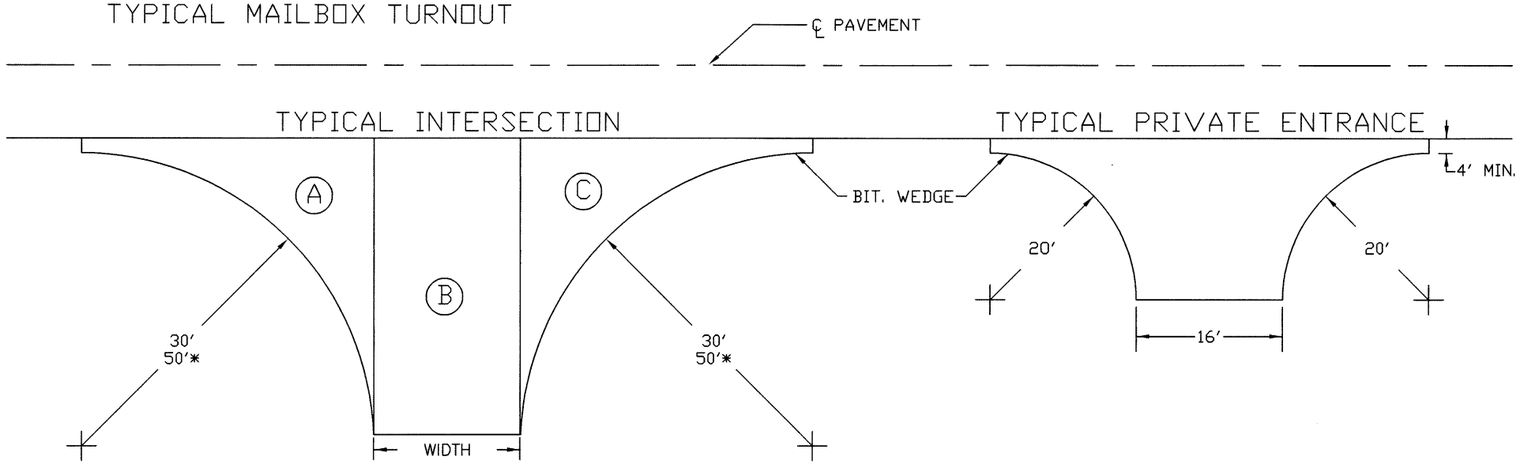
STATION	TON
STA 0+84 TO 2+21 RT	23
STA 0+84 TO 2+21 LT	23
STA 109+95 TO 112+67 LT	41
STA 113+20 TO 116+85 RT	55
STA 315+65 TO 322+75 RT	106
STA 322+90 TO 330+40 LT	112
STA 360+35 TO 365+95 RT	84
STA 366+00 TO 371+30 LT	79
STA 415+30 TO 421+60 RT	71
STA 430+08 TO 435+57 LT	82
STA 442+15 TO 448+31 LT	92
STA 450+55 TO 468+00 RT	261
STA 450+63 TO 468+00 LT	259
STA 473+58 TO 474+08 LT	8
STA 474+50 TO 475+57 LT	16
STA 476+12 TO 478+00 LT	28
STA 487+60 TO 490+50 RT	43
STA 492+90 TO 497+35 RT	66
TOTAL =	1,449

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	9
	JOB No: C-93-013-25	PROJECT No: UDKA(723)		

CONTACT 87859



TYPICAL MAILBOX TURNOUT



A+C = RADIUS ON MAINLINE SHOWN AS SIDE = VAR
ALL INTERSECTION ARE THE WIDTH NOTED.

A+B+C = TYPICAL SIDE ROAD INTERSECTION

TYPICAL INTERSECTION - SIDE ROADS

STATION	SIDE	WIDTH	SQ. YD.	LOCATION	TON
47+40	LT	16'	65	1380E/1000N	16 TON
47+40	RT	16'	65	1380E/1000N	16 TON
113+00	LT	20'	75	1500E/1000N	25 TON
113+00	RT	20'	75	1500E/1000N	25 TON
163+45	LT	18'	70	1600E/1000N	12 TON
163+45	RT	18'	70	1600E/1000N	11 TON
218+24	LT	16'	65	1700E/1000N	14 TON
218+24	RT	16'	65	1700E/1000N	14 TON
270+68	LT	20'	75	1800E/1000N	25 TON
270+68	LT	20'	75	1800E/1000N	25 TON
296+71	RT	16'	65	1850E/1000N	10 TON
322+80	LT	16'	65	1900E/1000N	16 TON
322+80	LT	16'	65	1900E/1000N	16 TON
366+00 *	LT	22'	120	2000E/1000N	25 TON
366+00	RT	20'	75	2000E/1000N	18 TON
391+82	LT	20'	75	2050E/1000N	16 TON
425+58	RT	20'	75	2110E/ 990N	18 TON
475+80	LT	24'	85	WESTWOOD ST	10 TON
487+22	RT	22'	120	MARTHA'S CT	20 TON
TOTALS			1445		332 TON

TYPICAL PRIVATE ENTRANCE

STATION	SIDE	SQ. YD.	TON	STATION	SIDE	SQ. YD.	TON
63+30	RT	55	8 TON	429+70	LT	55	8 TON
64+15	RT	55	8 TON	436+03	LT	55	8 TON
71+67	LT	55	8 TON	438+18	LT	55	8 TON
82+25	LT	55	8 TON	422+95	LT	55	8 TON
86+80	RT	55	8 TON	461+16	LT	55	8 TON
155+21	LT	55	8 TON	468+22	LT	55	8 TON
160+35	LT	55	8 TON	469+67	LT	55	8 TON
196+14	RT	55	8 TON	472+12	LT	55	8 TON
215+30	LT	55	8 TON	474+35	LT	55	8 TON
215+75	LT	55	8 TON	476+20	RT	55	8 TON
216+45	LT	55	8 TON	476+63	LT	55	8 TON
264+68	RT	55	8 TON	482+17	RT	55	8 TON
290+64	RT	55	8 TON	483+25	RT	55	8 TON
301+19	LT	55	8 TON	484+53	RT	55	8 TON
358+21	RT	55	8 TON	485+18	RT	55	8 TON
379+21	RT	55	8 TON	488+94	LT	55	8 TON
393+53	LT	55	8 TON	489+95	RT	55	8 TON
422+35	LT	55	8 TON	492+00	LT	55	8 TON
423+67	LT	55	8 TON	495+54	LT	55	8 TON
				TOTALS		2,090	304 TON

TYPICAL MAILBOX TURNOUT

STATION	SIDE	SQ. YD.	TON
64+12	LT	20	3 TON
72+37	LT	20	3 TON
81+98	LT	20	3 TON
86+82	LT	20	3 TON
155+11	RT	20	3 TON
196+14	LT	20	3 TON
264+68	LT	20	3 TON
290+64	LT	20	3 TON
379+23	RT	20	3 TON
393+43	LT	20	3 TON
423+83	LT	20	3 TON
429+94	LT	20	3 TON
435+74	LT	20	3 TON
437+81	LT	20	3 TON
469+86	LT	20	3 TON
471+94	LT	20	3 TON
474+57	LT	20	3 TON
482+48	LT	20	3 TON
483+50	LT	20	3 TON
484+56	LT	20	3 TON
488+68	LT	20	3 TON
490+36	LT	20	3 TON
491+69	LT	20	3 TON
495+28	LT	20	3 TON
TOTALS		480	72 TON

40800050

INCIDENTAL HMA SURFACING TOTALS

TYPICAL INT.'S & SIDE ROADS	332 TONS
TYPICAL PRIVATE ENTRANCES	304 TONS
TYPICAL COMMERCIAL ENTRANCES	97 TONS
TYPICAL MAILBOX TURNOUT	72 TONS
TOTAL = 805 TONS	

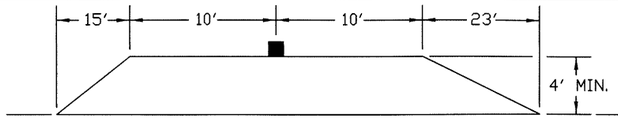
NOTE: AGGREGATE SHALL BE PLACED AROUND ALL PRIVATE ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROAD INTERSECTIONS AND SHALL BE CONSIDERED INCIDENTAL TO AGGREGATE SHOULDERS, TYPE B AND PLACED AS DIRECTED BY THE ENGINEER. THIS QUANTITY IS IS INCLUDED IN THE AGGREGATE SHOULDERS, TYPE B TOTAL QUANTITY.

TYPICAL COMMERCIAL ENTRANCE

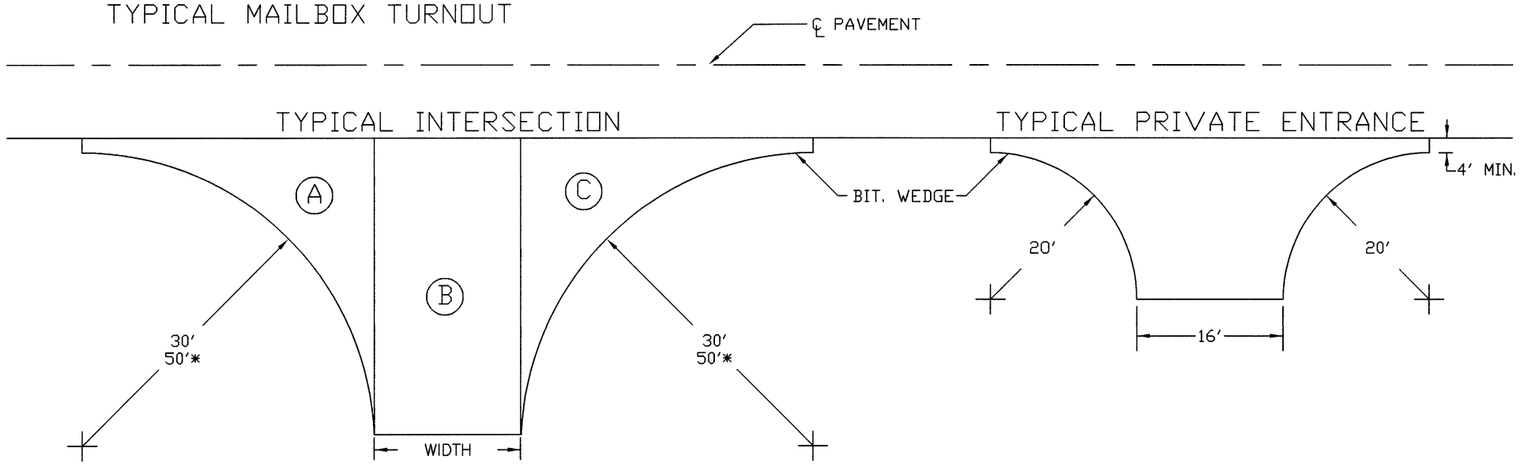
STATION	SIDE	WIDTH	SQ. YD.	TON
2+47	RT	35'	65	10 TON
110+75	LT	35'	120	25 TON
340+68	RT	30'	75	12 TON
346+95	RT	18'	60	10 TON
353+38	LT	30'	120	25 TON
486+36	LT	60'	90	15 TON
TOTALS			530	97 TON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	10
	JOB No: C-93-013-25	PROJECT No: UDKA(723)		

CONTACT 87859



TYPICAL MAILBOX TURNOUT



48101200

AGGREGATE SHOULDER, TY B	TOTALS
MAINLINE QUANTITIES	9,307 TONS
FIELD ENTRANCE QUANTITIES	343 TONS
TOTAL = 9,650 TONS	

NOTE: AGGREGATE SHALL BE PLACED AROUND ALL PRIVATE ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROAD INTERSECTIONS AND SHALL BE CONSIDERED INCIDENTAL TO AGGREGATE SHOULDERS, TYPE B AND PLACED AS DIRECTED BY THE ENGINEER. THIS QUANTITY IS IS INCLUDED IN THE AGGREGATE SHOULDERS, TYPE B TOTAL QUANTITY.

TYPICAL FIELD ENTRANCES

STATION	SIDE	TYPE	PROPOSED	TON	STATION	RT/LT	TYPE	PROPOSED	TON
14+75	RT	FE	AGG	7 TON	255+85	LT	FE	AGG	7 TON
26+06	LT	FE	AGG	7 TON	283+69	RT	FE	AGG	7 TON
34+00	RT	FE	AGG	7 TON	291+59	RT	FE	AGG	7 TON
34+16	LT	FE	AGG	7 TON	296+40	LT	FE	AGG	7 TON
34+60	RT	FE	AGG	7 TON	309+59	RT	FE	AGG	7 TON
45+02	RT	FE	AGG	7 TON	309+77	LT	FE	AGG	7 TON
60+41	RT	FE	AGG	7 TON	330+93	LT	FE	AGG	7 TON
60+63	LT	FE	AGG	7 TON	339+46	RT	FE	AGG	7 TON
79+56	RT	FE	AGG	7 TON	339+67	LT	FE	AGG	7 TON
80+30	LT	FE	AGG	7 TON	382+68	LT	FE	AGG	7 TON
115+85	RT	FE	AGG	7 TON	396+99	LT	FE	AGG	7 TON
115+85	LT	FE	AGG	7 TON	406+21	LT	FE	AGG	7 TON
126+18	RT	FE	AGG	7 TON	411+00	RT	FE	AGG	7 TON
139+00	RT	FE	AGG	7 TON	418+53	LT	FE	AGG	7 TON
147+27	LT	FE	AGG	7 TON	430+82	LT	FE	AGG	7 TON
152+18	LT	FE	AGG	7 TON	433+57	RT	FE	AGG	7 TON
191+56	RT	FE	AGG	7 TON	434+70	LT	FE	AGG	7 TON
192+20	LT	FE	AGG	7 TON	460+25	RT	FE	AGG	7 TON
196+14	RT	FE	AGG	7 TON	468+26	RT	FE	AGG	7 TON
204+75	LT	FE	AGG	7 TON	473+38	RT	FE	AGG	7 TON
209+46	LT	FE	AGG	7 TON	479+86	RT	FE	AGG	7 TON
225+19	RT	FE	AGG	7 TON	485+25	LT	FE	AGG	7 TON
231+41	RT	FE	AGG	7 TON	491+83	RT	FE	AGG	7 TON
231+56	LT	FE	AGG	7 TON	501+32	RT	FE	AGG	7 TON
236+35	LT	FE	AGG	7 TON	TOTALS = 343 TONS				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	11
	JOB No: C-93-013-25	PROJECT No: UDKA(723)		

CONTRACT 87859

67100100 MOBILIZATION

STATION TO STATION	L SUM
ENTIRE JOB	1
TOTAL =	1

X7010216 TRAFFIC CONTROL & PROTECTION (SPECIAL)

STATION TO STATION	L SUM
ENTIRE JOB	1
TOTAL =	1

Z0048665 RAILROAD PROTECTIVE LIABILITY INSURANCE

STATION TO STATION	L SUM
ENTIRE JOB	1
TOTAL =	1

70300100 SHORT TERM PAVEMENT MARKING

STATION TO STATION	FOOT
1+12 TO 351+70	3,506
351+80 TO 503+20	1,514
TOTAL =	5,020
(2 LIFTS) TOTAL =	10,040

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

STATION TO STATION	SQ FT
1+12 TO 503+20	1,673
TOTAL =	1,673

78001110 – PAINT PAVEMENT MARKING – LINE 4"
70300221 – TEMPORARY PAVEMENT MARKING LINE 4" – PAINT

STATION TO STATION		FOOT	LINE 4"
CENTERLINE			
1+14 TO 112+65		11,151	2,788
113+50 TO 217+90		10,440	2,610
218+80 TO 320+25		10,145	2,536
326+70 TO 351+41		2,471	618
357+06 TO 363+15		609	152
368+90 TO 418+00		4,910	1,228
477+25 TO 503+20		2,595	649
NO PASSING ZONES			
102+34 TO 113+50	RT	1,116	1,116
112+65 TO 123+65	LT	1,100	1,100
166+10 TO 174+60	RT	850	850
177+60 TO 186+10	LT	850	850
207+20 TO 218+80	RT	1,160	1,160
217+90 TO 229+45	LT	1,155	1,155
309+40 TO 326+70	RT	1,730	1,730
320+25 TO 336+49	LT	1,624	1,624
345+41 TO 368+90	RT	2,349	2,349
351+41 TO 358+13	LT	672	672
363+15 TO 379+30	LT	1,615	1,615
408+10 TO 477+25	RT	6,915	6,915
418+00 TO 485+70	LT	6,770	6,770
	SUB-TOTAL=		38,487

TOTAL ALL STRIPING FOR PAINT PAVEMENT MARKING LINE 4" (TWO APPLICATIONS) = 76,974'

TOTAL FOR TEMPORARY PAVEMENT MARKING = 38,487'

52000035 PREFORMED JOINT SEAL 2 3/4"

STATION	FOOT
448+85	35
TOTAL =	35

66700205 PERMANENT SURVEY MARKERS TYPE 1

STATION	EACH
34+26.20	1
47+38.27	1
60+48.92	1
86+72.62	1
218+25.00	1
270+66.00	1
TOTAL =	6

78000100 THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS

STATION TO STATION	SQ FT
348+76 RT	61
354+60 LT	61
TOTAL =	122

78000650 THERMOPLASTIC PAVEMENT MARKING – LINE 24"

STATION	FOOT
1+16 RT	12
348+46 RT	11
348+96 RT	11
351+41 RT	11
352+13 LT	11
354+35 LT	11
354+85 LT	11
TOTAL =	78

78011000 GROOVING FOR RECESSED PAVEMENT MARKING LETTERS & SYMBOLS

STATION TO STATION	SQ FT
348+76 RT	61
354+60 LT	61
TOTAL =	122

78011125 GROOVING FOR RECEESSED PAVEMENT MARKING 25"

STATION	FOOT
1+16 LT	11
348+46 RT	11
348+96 RT	11
351+41 RT	11
352+13 LT	11
354+35 LT	11
354+85 LT	11
TOTAL =	78

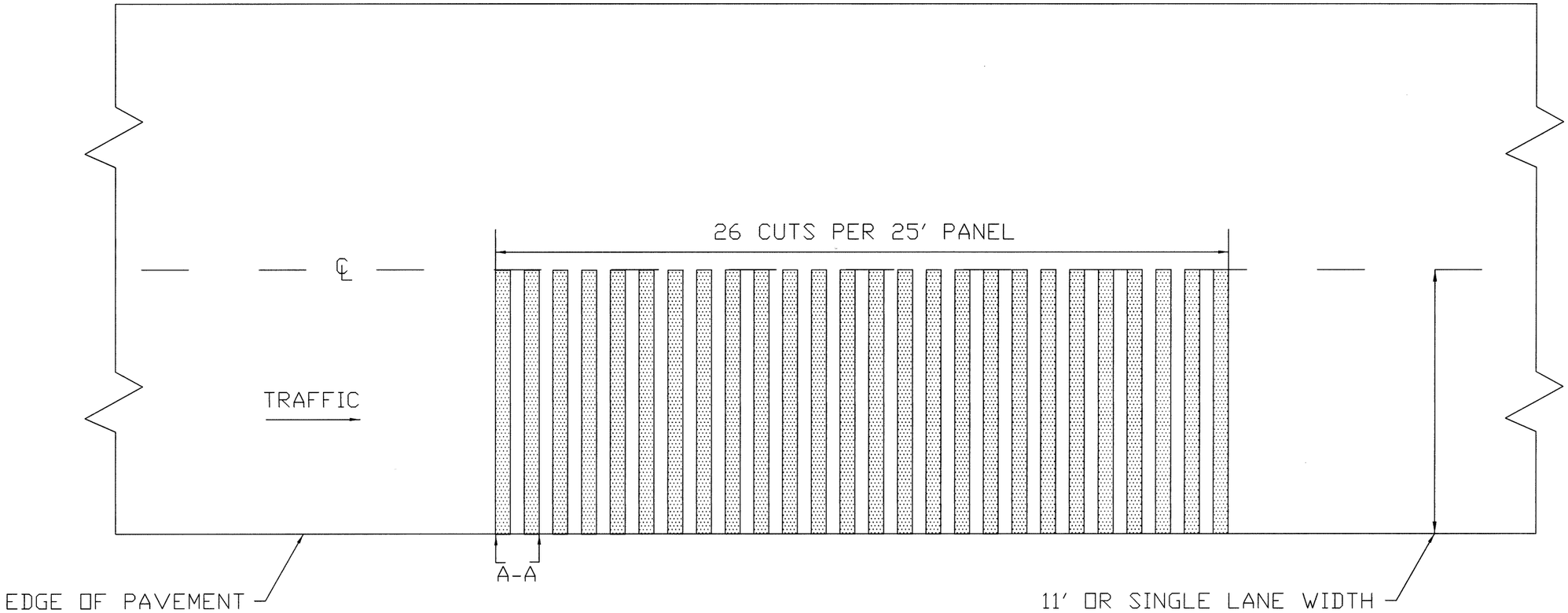
PAVEMENT SCHEDULE

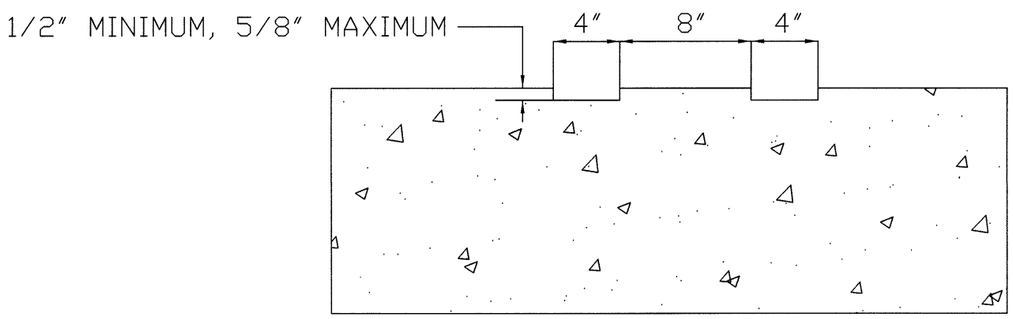
PAY ITEM	40603080	40602978	40604050	48101200	40600290	40600370	40600405	48203100
UNIT	(TON)	(TON)	(TON)	(TON)	(POUND)	(FOOT)	(TON)	(TON)
STATION TO STATION	HMA BINDER COURSE IL-19.0, N50	HMA BINDER COURSE IL-9.5, N50	HMA SURFACE COURSE IL-9.5 MIX "C" N50	AGGREGATE SHOULDERS TYPE B	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	HMA SHOULDERS
0+84 TO 351+70	10,975		7,580	7,460	61,540	35,086	18,555	360
351+80 TO 503+20		3,300	3,170	2,190	26,560	15,140	6,470	1,089
TOTAL =	10,975	3,300	10,750	9,650	88,100	50,226	25,025	1,449

RUMBLE STRIP DETAIL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 334	21-00317-00-RS	IROQUOIS	12	12
	JOB No: C-93-013-25		PROJECT No: UDKA(723)	

CONTRACT 87859





SECTION A-A
RUMBLE STRIP CUT IN NEW
PCC OR HMA PAVEMENT

Z0055300
RUMBLE STRIPS

STATION	EACH
3+87 TO 4+12 LT	1
5+87 TO 6+12 LT	1
10+47 TO 10+97 LT	1
TOTAL =	3