

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 730 (U.S. 51 BUSINESS)

SECTION (56)RS-2

PROJECT ACF-0730(020)

LAFAYETTE ST TO WOODRIG RD IN BLOOMINGTON

MCLEAN COUNTY

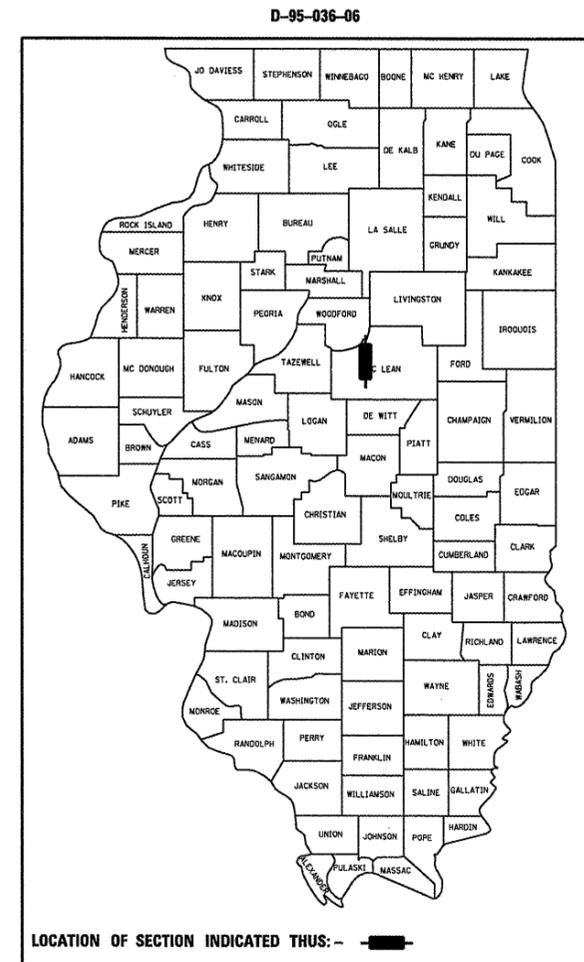
RESURFACING (3R)

C-95-037-06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 70516		

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

DESIGN DESIGNATION: N/A
CURRENT ADT = 19,500

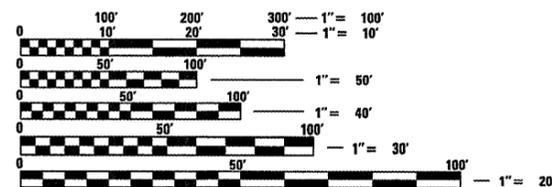
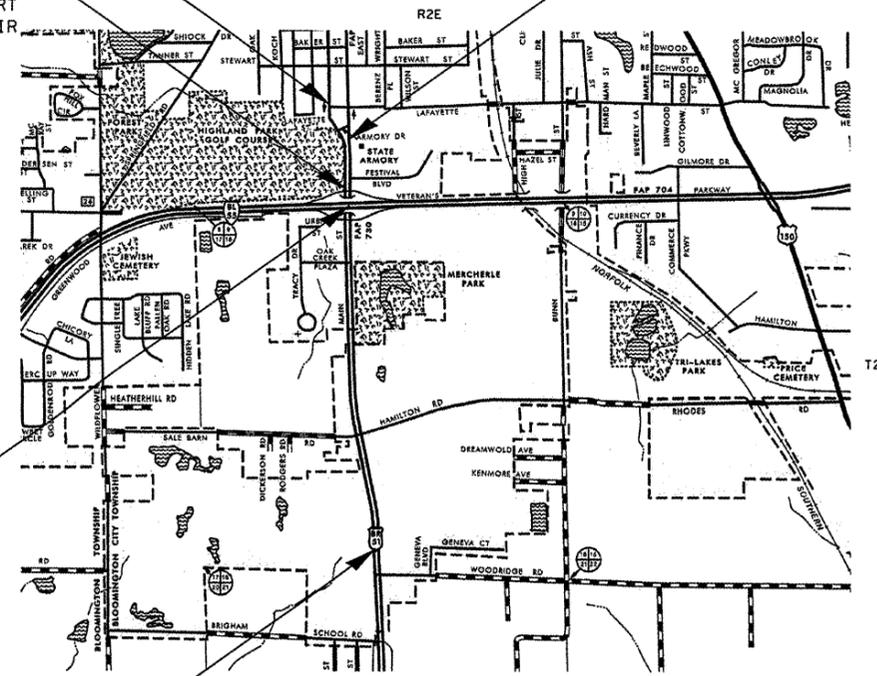


SECTION (56)RS-2 BEGINS
STA 249+88.00 (SB)

SN 057-8199
STA. 262+80
BOX CULVERT
SLAB REPAIR

STA 257+00.00 (NB)

SN 057-0063
STA. 265+30
CRASHWALL
EXTENSION



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 BLOOMINGTON TOWNSHIP

PROJECT ENGINEER: KEVIN TRAPP
SQUAD LEADER: JASON W STULTS
(217)-465-4181
CONTRACT NO. 70516

SECTION (56)RS-2 ENDS
STA 315+51.57

TOTAL LENGTH OF SECTION & PROJECT = 6,563.57 FEET = 1.243 MILES
NET LENGTH OF SECTION & PROJECT = 6,563.57 FEET = 1.243 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 24, 2008
Joseph E. Crowe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2008
Eric E. Darnold
ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G.N.-105.07
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEKS PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATING OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.05b
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location	Bus 51	Bus 51	Bus 51
Mixture Use	Polymer Level Binder	Polymer Surface	Cr Jts & Flangeway, Incid., P.D. Patches
AC/PG	SBS PG 70-22	SBS PG 70-22	SBS PG 64-22
RAP % (Max)	10	10	10
Design Air Voids	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 9.5
Friction Aggregate	Mix C	Mix D	Mix C

G.N.-406.10
FOR MULTILANE RESURFACING

WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S).

ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-442B -- PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

FILE NAME : c:\projects\4503606 (v8)\70516-text.dgn	USER NAME : craigp	DESIGNED : -	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 3
		DRAWN : -	REVISED : -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 70516				ILLINOIS FED. AID PROJECT			
		CHECKED : -	REVISED : -										
		DATE : 3/27/2008	REVISED : -										

SUMMARY OF QUANTITIES

LOCATION:

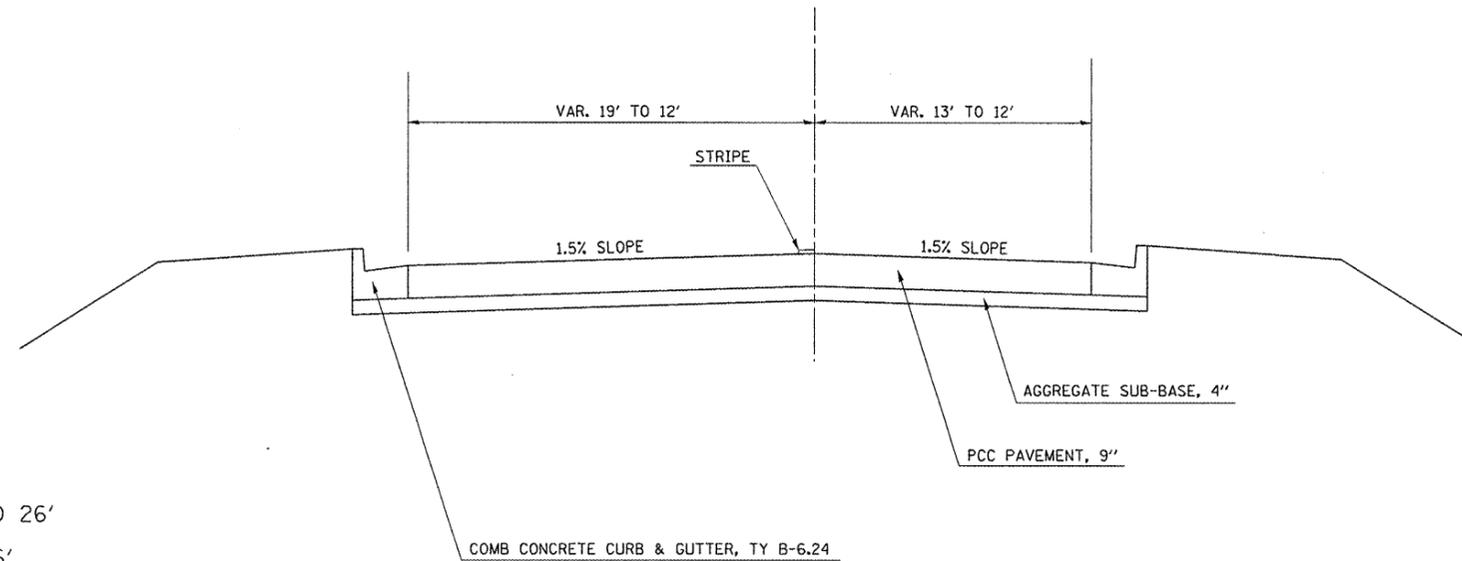
FAP 730 (US 51)			
MCLEAN CTY	MCLEAN CTY	MCLEAN CTY	MCLEAN CTY
STA. 249+88	STA. 297+26	STA. 297+26	STA. 297+26
TO	TO	SN 057-8199	SN 057-0063
STA. 316+00	STA. 319+75		
URBAN	URBAN	URBAN	URBAN
MULTILANE	MULTILANE	MULTILANE	MULTILANE
80% FEDERAL	50% CITY	80% FEDERAL	80% FEDERAL
20% STATE	50% STATE	20% STATE	20% STATE
I000	I000	SFTY-2A	SFTY-2A

CONSTRUCTION CODE:

PAY ITEM CODE	PAY ITEM	UNIT	TOTAL	QTY	QTY	QTY	QTY
20200100	EARTH EXCAVATION	CUYD	80		80		
25000100	SEEDING, CLASS 1	ACRE	0.4		0.4		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	37.0		37.0		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	37.0		37.0		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	37.0		37.0		
28000720	MULCH METHOD 2	ACRE	0.4		0.4		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3911.0	3911.0			
40600300	AGGREGATE (PRIME COAT)	TON	40.0	40.0			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	20.0	20.0			
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	2190.0	2190.0			
40600882	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	160.0	160.0			
40600885	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	320.0	320.0			
40600890	TEMPORARY RAMP	SQ YD	80.0	80.0			
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	4206.0	4206.0			
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	467.0	467.0			
40800030	AGGREGATE (PRIME COAT)	TON	1.0	1.0			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	150.0	150.0			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQFT	9305.0		9305.0		
42400800	DETECTABLE WARNINGS	SQFT	202.0		202.0		
44000300	CURB REMOVAL	FOOT	95.0		95.0		
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQYD	13.4	13.4			
44213200	SAW CUTS	FOOT	35.0	35.0			
50102400	CONCRETE REMOVAL	CU YD	2.8			2.8	
50300225	CONCRETE STRUCTURES	CU YD	13.8				13.8
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2340.0			890	1450
X0321781	MECHANICAL SPLICE	EACH	34			34	
54003000	CONCRETE BOX CULVERTS	CU YD	2.8			2.8	
58109210	WATER VALVES TO BE ADJUSTED	EACH	8.0	8.0			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5.0	5.0			
60255500	MANHOLES TO BE ADJUSTED	EACH	21.0	21.0			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2.0		2.0		
60260100	INLETS TO BE ADJUSTED	EACH	41.0	41.0			
60262510	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	1.0		1.0		
60262700	INLETS TO BE RECONSTRUCTED	EACH	1.0	1.0			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	15.0			15	
60618724	CONCRETE MEDIAN, TYPE M-2 (SPECIAL)	SQ FT	1075.0	1075.0			
67100100	MOBILIZATION	LSUM	1.0	1.0			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1.0	1.0			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1.0	1.0			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1.0		1.0		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20.0	20.0			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1590.0	1590.0			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	530.0	530.0			
78000100	THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS	SQ FT	702.0	702.0			
78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	7440.0	7440.0			
78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	1278.0	1278.0			
78000600	THERMOPLASTIC PAVEMENT MARKING- LINE 12"	FOOT	415.0	415.0			
78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	538.0	538.0			
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	405.0	405.0			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	405.0	405.0			
X0300826	CURB AND GUTTER REMOVAL	FOOT	15.0			15.0	
X0322468	GAS VALVE TO BE ADJUSTED	EACH	1.0	1.0			
X4401705	PARTIAL DEPTH REMOVAL	SQ YD	72.0	72.0			
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	1075.0	1075.0			
X4421000	PARTIAL DEPTH PATCHING	TON	13.0	13.0			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	28.0			
XX002133	RELOCATE SIGN AND BASE	EACH	1.0		1.0		
Z0017202	DOWEL BARS 1/2"	EACH	12.0	12.0			
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2.0	2.0			
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	3.0	3.0			

EXISTING TYPICAL CROSS SECTION ①

SB STA. 249+88.00 TO STA. 258+01.05 ②



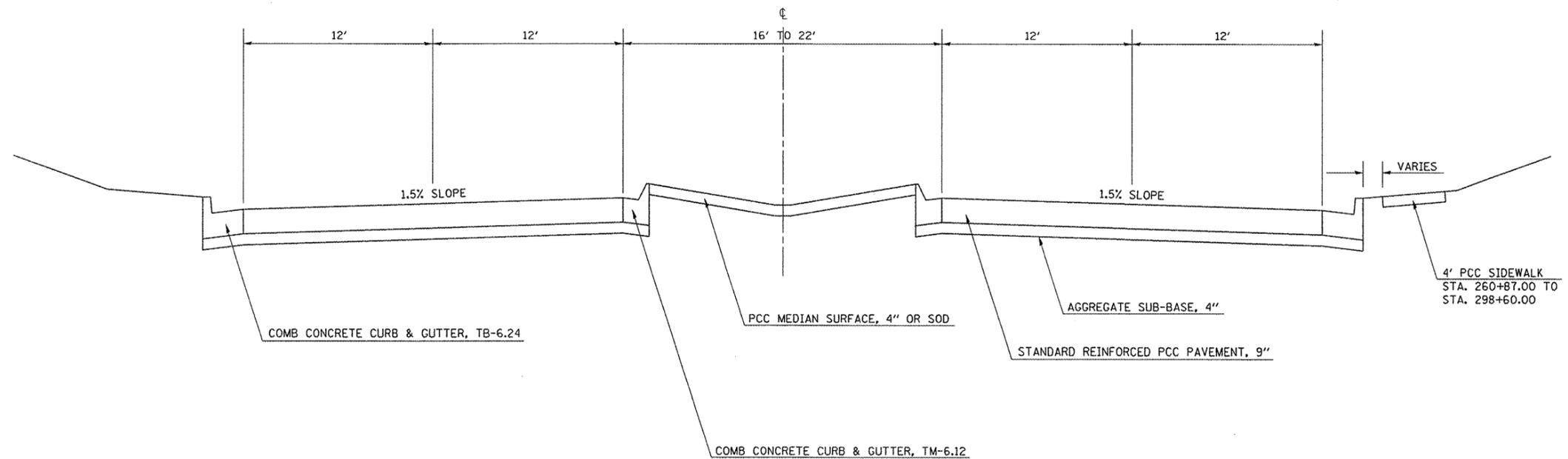
VARIABLE WIDTH OF PAVEMENT

STA. 250+17.29 TO STA. 251+17.29	32' TO 26'
STA. 251+17.29 TO STA. 256+12.63	26'
STA. 256+12.63 TO STA. 258+01.07	26' TO 24'

EXISTING TYPICAL CROSS SECTION ②

NB STA. 257+79.97 TO STA. 315+51.57

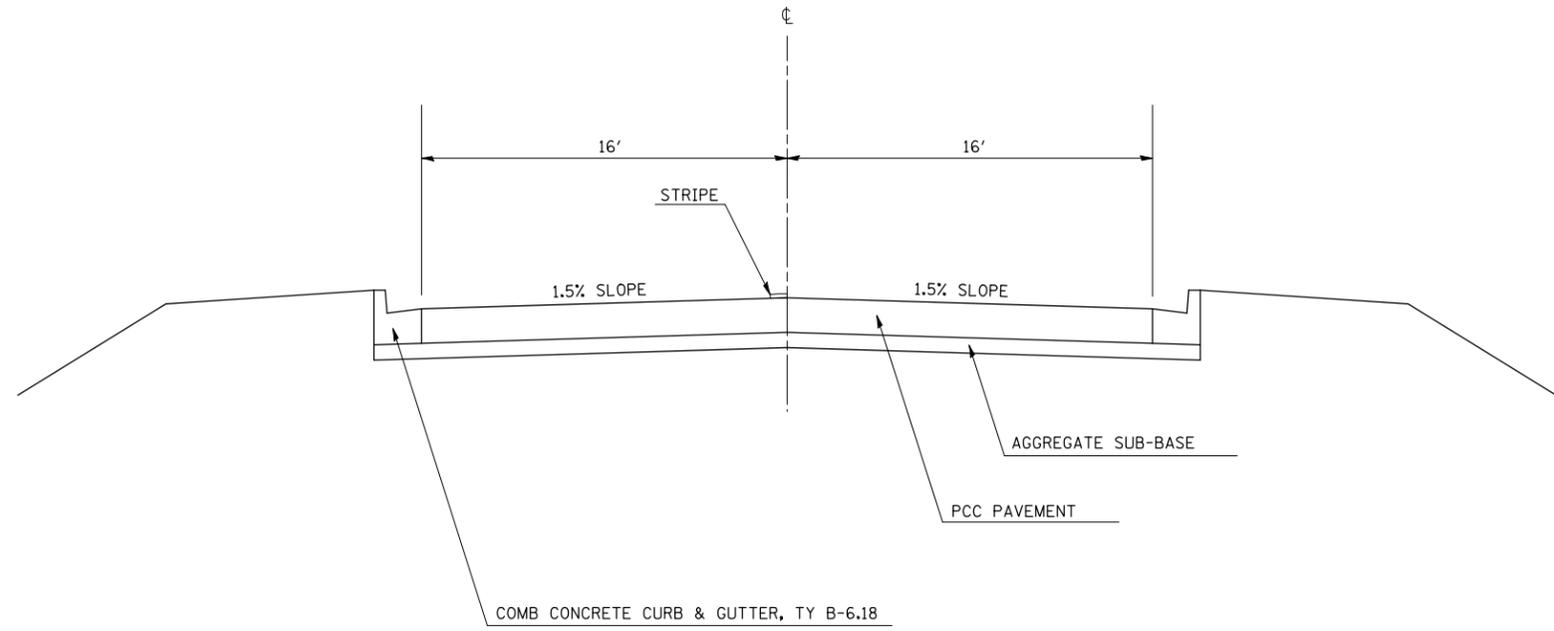
① SB STA. 258+01.05 TO STA. 315+51.57



FILE NAME *	USER NAME * collier-bv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\projects\d503606 (v8)\70516-typicals.dgn	PLLOT SCALE = 40.0000 / IN.	DRAWN -	REVISED -			730	(56)RS-2	MCCLEAN	51	5	
PLLOT DATE = 3/24/2008	DATE -	CHECKED -	REVISED -			CONTRACT NO. 70516					
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

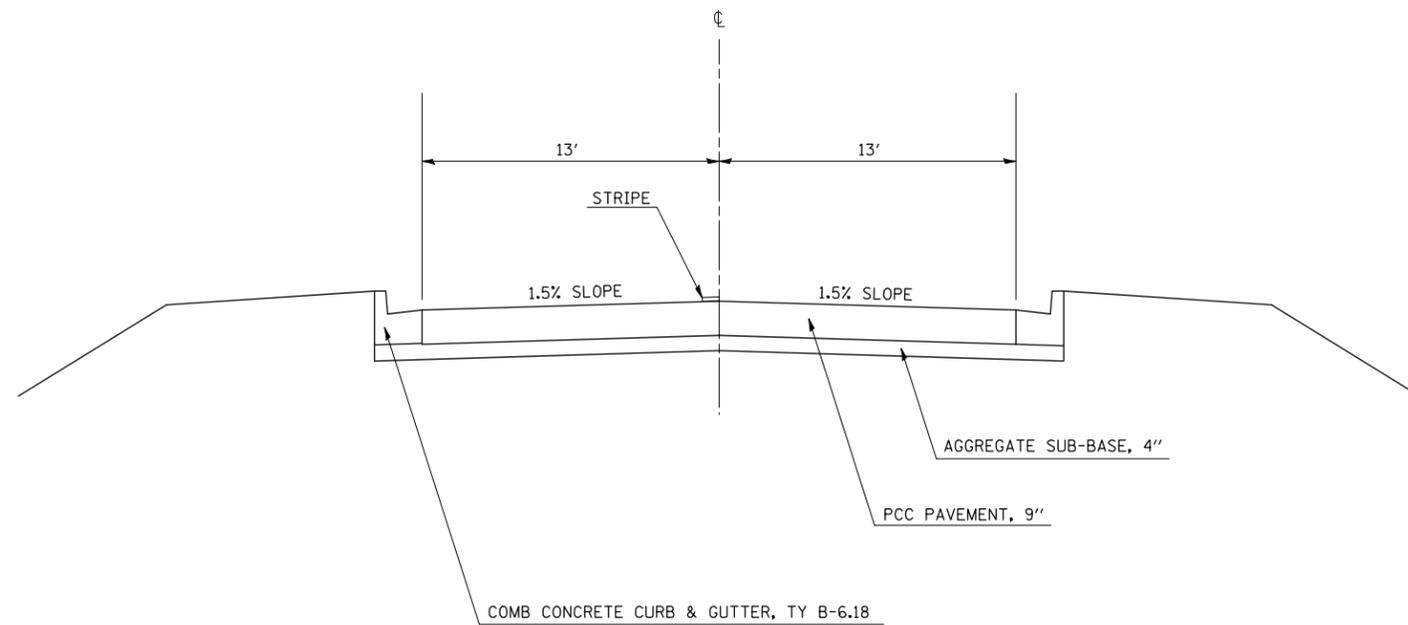
EXISTING TYPICAL CROSS SECTION

LAFAYETTE ST.
STA. 10+12.00 TO STA. 20+45.00



EXISTING TYPICAL CROSS SECTION

ARMORY DR
STA. 10+13.00 TO STA. 11+62.50



FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct\projects\d503606 (v8)\70516-typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

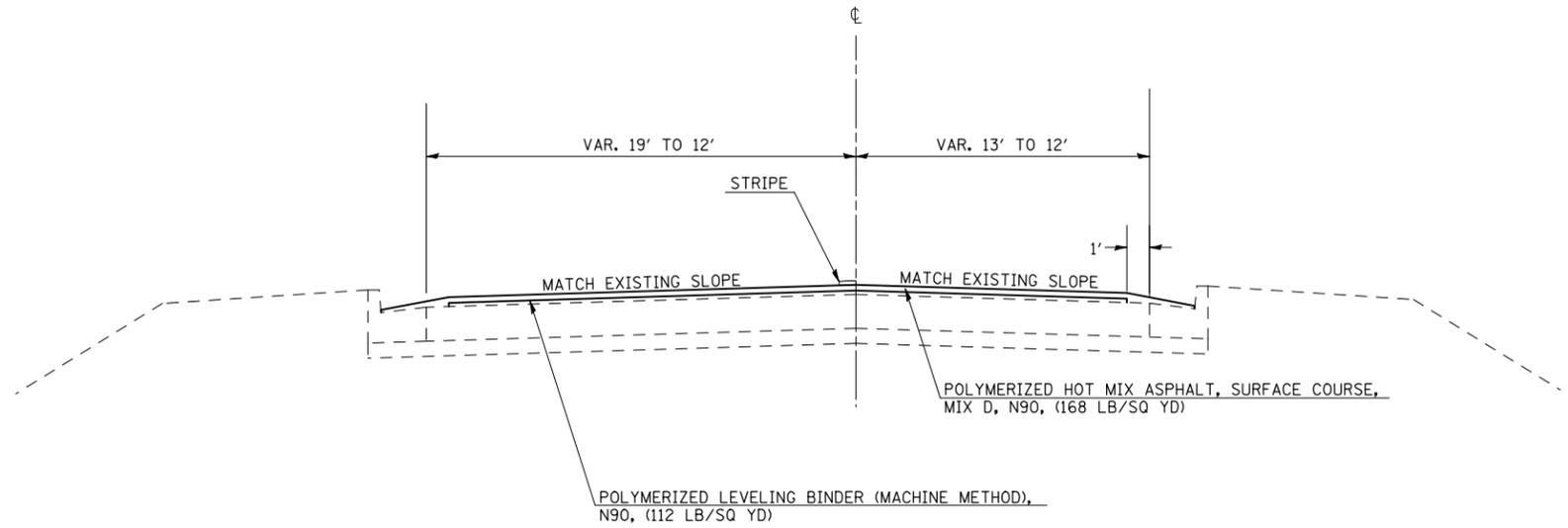
EXISTING TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	

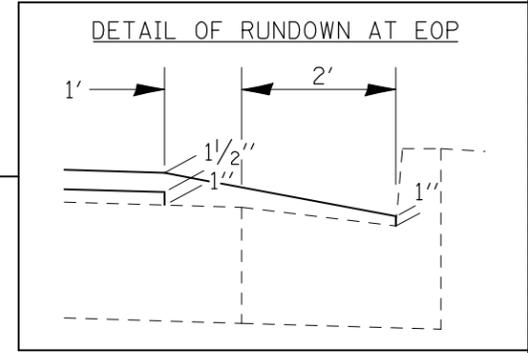
PROPOSED TYPICAL CROSS SECTION ①

SB STA. 249+88.00 TO STA. 258+01.05 ②



VARIABLE WIDTH OF PAVEMENT

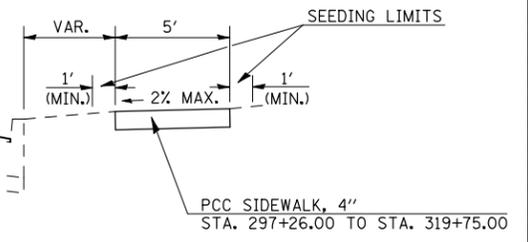
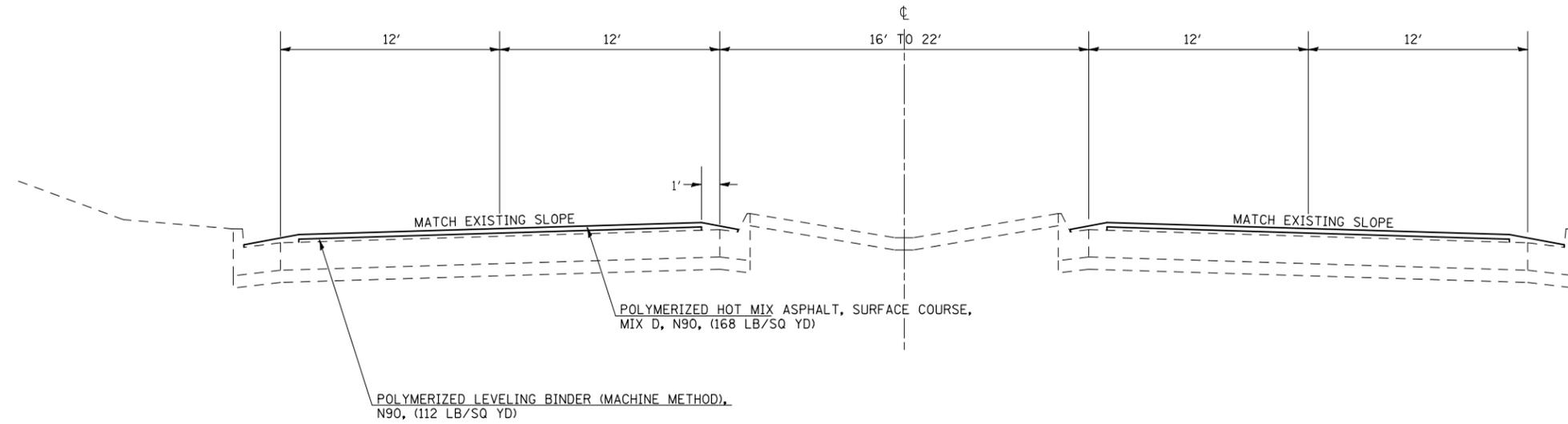
STA. 250+17.29 TO STA. 251+17.29	32' TO 26'
STA. 251+17.29 TO STA. 256+12.63	26'
STA. 256+12.63 TO STA. 258+01.07	26' TO 24'



PROPOSED TYPICAL CROSS SECTION ②

NB STA. 257+79.97 TO STA. 315+51.57

① SB STA. 258+01.05 TO STA. 315+51.57



FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d503606 (v8)\70516-typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL CROSS SECTIONS

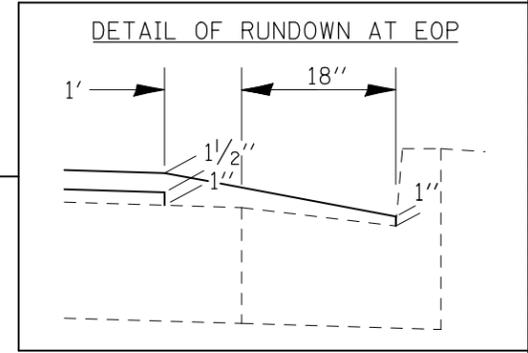
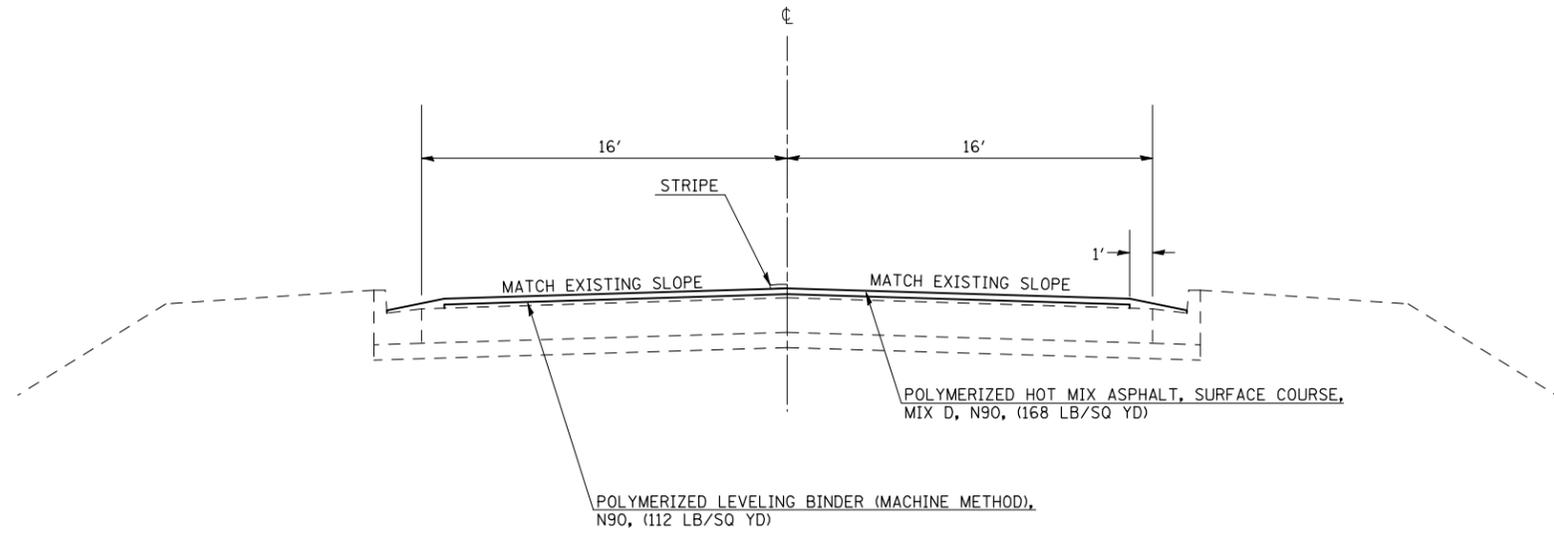
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
--------	-----------	----	--------	------	---------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	7
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROPOSED TYPICAL CROSS SECTION

LAFAYETTE ST.

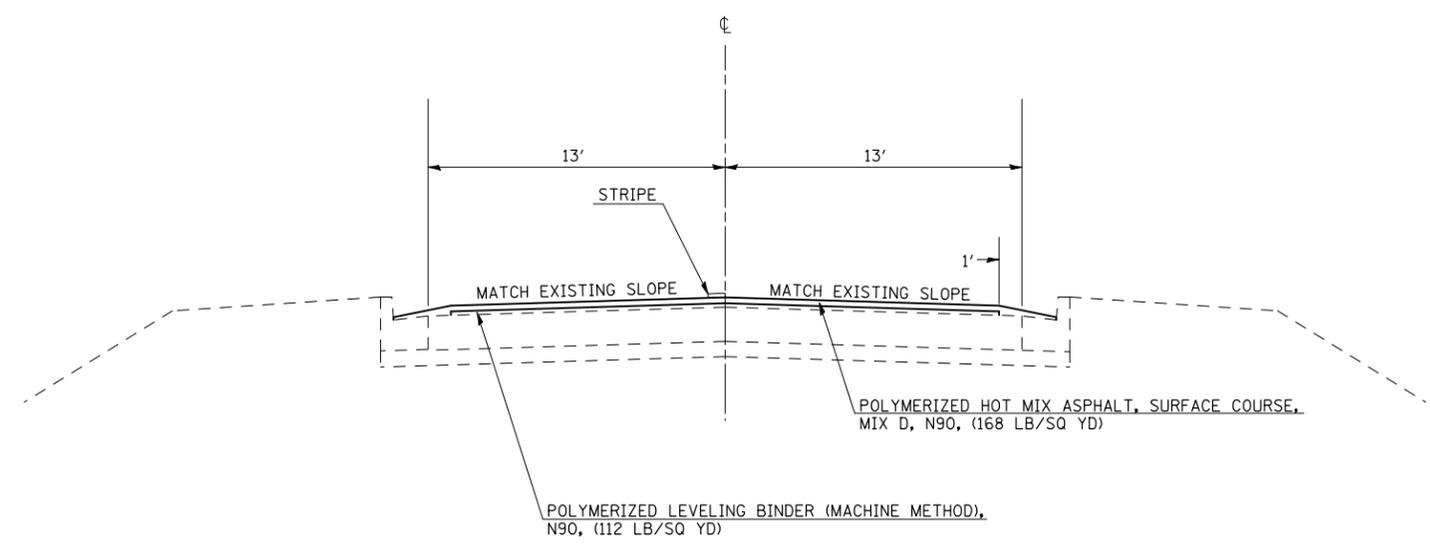
STA. 10+12.00 TO STA. 20+45.00



PROPOSED TYPICAL CROSS SECTION

ARMORY DR

STA. 10+13.00 TO STA. 11+62.50



FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct\projects\d503606 (v8)\70516-typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	

SCHEDULE OF QUANTITIES

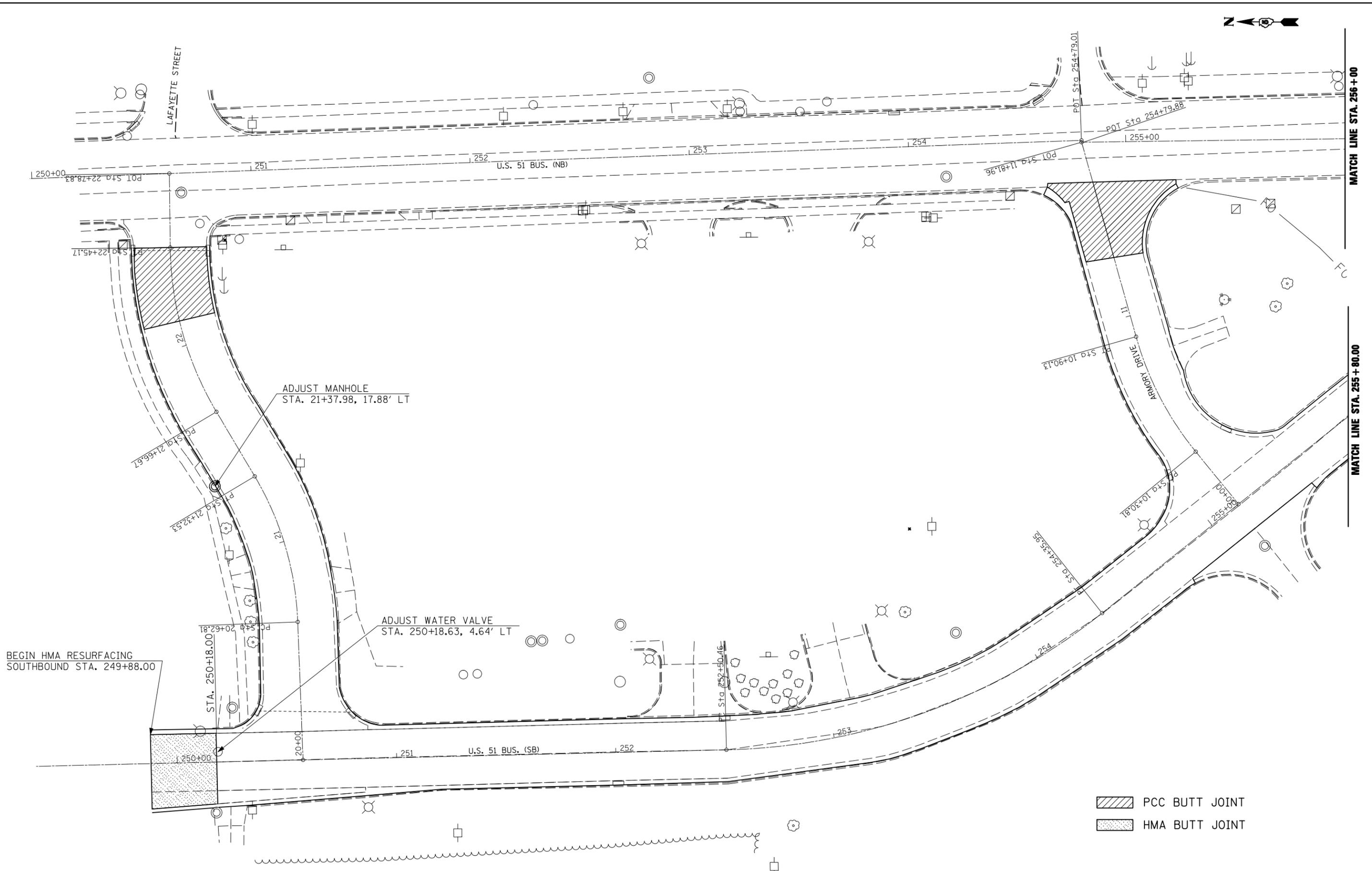
INLETS TO BE ADJUSTED (60260100)

STATION	OFFSET	LT/RT	LANE DIRECTION	LOCATION	QTY	EACH	NOTES
20+15	12'	LT	WB	LAFAYETTE ST.	1	EACH	
20+15	12'	RT	WB	LAFAYETTE ST.	1	EACH	
252+02	12'	RT	SB	US 51 BUS	1	EACH	
252+50.46	12'	LT	SB	US 51 BUS	1	EACH	
10+30	12	LT	EB	ARMORY DR.	1	EACH	
10+30	12	RT	EB	ARMORY DR.	1	EACH	
257+88	19.8	LT	NB	US 51 BUS	1	EACH	
257+80	19.8	RT	SB	US 51 BUS	1	EACH	
259+50	45.17	LT	NB	US 51 BUS	1	EACH	
261+00	45.17	RT	SB	US 51 BUS	1	EACH	
261+00	45.17	LT	NB	US 51 BUS	1	EACH	
262+90	73	LT	NB	US 51 BUS	1	EACH	
262+90	73	RT	SB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
263+45.00	72'	LT	NB	US 51 BUS	1	EACH	
266+05	35	RT	NB	US 51 BUS	1	EACH	
266+05	35	LT	SB	US 51 BUS	1	EACH	
267+85	5	RT	SB (MEDIAN)	US 51 BUS	1	EACH	
271+00	5	RT	SB (MEDIAN)	US 51 BUS	1	EACH	
271+00	34	LT	NB	US 51 BUS	1	EACH	
273+20	34	RT	SB	US 51 BUS	1	EACH	
274+33	45	RT	SB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
274+76	45	LT	NB	US 51 BUS	1	EACH	
277+49	0	LT	NB (MEDIAN)	US 51 BUS	1	EACH	
277+49	45	RT	SB	US 51 BUS	1	EACH	
281+03	2	LT	NB (MEDIAN)	US 51 BUS	0	EACH	RECONSTRUCT IF REQUIRED
281+03	36	LT	SB	US 51 BUS	1	EACH	
284+50	45	LT	NB	US 51 BUS	1	EACH	
284+50	45	RT	SB	US 51 BUS	1	EACH	
288+31	50	LT	NB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
288+50	10	RT	SB (MEDIAN)	US 51 BUS	1	EACH	
291+45	10	RT	SB (MEDIAN)	US 51 BUS	1	EACH	
291+45	45	LT	NB	US 51 BUS	1	EACH	
294+66	5	RT	SB (MEDIAN)	US 51 BUS	1	EACH	
294+66	45	LT	NB	US 51 BUS	1	EACH	
297+66	10	RT	SB (MEDIAN)	US 51 BUS	1	EACH	
297+66	45	LT	NB	US 51 BUS	1	EACH	
299+50.41	45'	RT	SB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
299+30.00	45'	RT	SB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
299+92	45	LT	NB	US 51 BUS	1	EACH	
300+00	45	RT	SB	US 51 BUS	1	EACH	
304+58	50	LT	NB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
305+13	50	LT	NB	US 51 BUS	0	EACH	NO ADJUSTMENT CONSIDERED LIKELY
305+85	45	LT	NB	US 51 BUS	1	EACH	
305+85	45	RT	SB	US 51 BUS	1	EACH	
310+00	45	RT	SB	US 51 BUS	1	EACH	
312+55	10	LT	NB (MEDIAN)	US 51 BUS	1	EACH	
312+55	45	RT	SB	US 51 BUS	1	EACH	
315+50	45	LT	NB	US 51 BUS	1	EACH	
315+50	45	RT	SB	US 51 BUS	1	EACH	
TOTAL					41		

SCHEDULE OF QUANTITIES

PAVEMENT MARKING

STATION	TO	STATION	LENGTH (FOOT)	SHORT TERM	SKIP DASH	SOLID	SOLID	STOP BAR	CROSSWALK	ISLAND STRIPING	ISLAND STRIPING
				PVT MKS (FOOT)	WHITE, 4" (FOOT)	YELLOW, 4" (FOOT)	WHITE, 4" (FOOT)	WHITE, 24" (FOOT)	WHITE, 6" (FOOT)	WHITE, 12" (FOOT)	YELLOW, 12" (FOOT)
				(70300100)		(78000200)		(78000650)	(78000400)	(78000600)	
SOUTHBOUND											
LAFAYETTE:											
20+25		22+45	220.00	22		440.0		24.0			
US 51 BUSINESS:											
249+78		255+00	522.00	52.20	130.5						
ARMORY DRIVE:											
10+04		11+42	138.00	13.80		276.0		24.0			
US 51 BUSINESS:											
255+00		256+60	160.00	16.00	40.0						
256+60		259+35	275.00	55.00	68.8	275.0					
259+35		259+60	25.00	5.00	6.3						
259+60		260+78	118.00	23.60	29.5		118.0	36.0			
260+78		262+65	187.00	18.70	46.8			30.0			
262+65		266+20	355.00	35.50	88.8				85.0		
266+20		267+10	90.00	9.00	22.5		90.0	36.0			
267+10		268+00	90.00	9.00					80.0	117.0	
268+00		272+15	415.00	41.50	103.8						
272+15		273+75	160.00	16.00	40.0		160.0	40.0			
273+75		278+90	515.00	51.50	128.8				110.0		
278+90		280+30	140.00	14.00	35.0		140.0				
280+30		284+65	435.00	43.50	108.8						
284+65		287+55	290.00	58.00	72.5		290.0				
287+55		295+25	770.00	77.00	192.5						
295+25		298+35	310.00	62.00	77.5		310.0	44.0			
298+35		299+53				60.0		46.0	730.0		24.0
299+53		302+70	316.87	31.69	79.2						
302+70		304+55	185.00	37.00	46.3		185.0				
304+55		316+00	1145.00	114.50	286.3						
NORTHBOUND											
257+00		261+01	400.80	80.16	200.4						
261+01		261+71	70.20	7.02				24.0	113.0		
261+71		262+30	59.00	5.90	14.8		59.0				
262+30		263+50	120.00	12.00	12.00		140.0	42.0		130.0	
263+50		266+10	260.00	52.00	65.0		422.0	48.0			
266+10		267+20	109.54	10.95	27.4				160.0		
267+20		267+87	67.46	6.75				46.0		144.0	
267+87		271+80	393.00	78.60	98.3		483.0				
271+80		274+66	286.00	57.20	71.5			18.0			
274+66		277+00	234.00	46.80	58.5		234.0	40.0			
277+00		288+37	1137.00	113.70	284.3						
288+37		290+50	213.00	42.60	53.3		213.0				
290+50		299+53	903.00	90.30	225.8						
299+53		301+00	147.00	29.40	36.8		430.0	40.0			
301+00		316+00	1500.00	150.00	375.0						
SUB-TOTALS				1589.87	3114.25	1051.00	3274.00	538.00	1278.00	391.00	24.00
TOTAL				1589.87	7440			538.00	1278.00	415.00	



BEGIN HMA RESURFACING
SOUTHBOUND STA. 249+88.00

ADJUST MANHOLE
STA. 21+37.98, 17.88' LT

ADJUST WATER VALVE
STA. 250+18.63, 4.64' LT

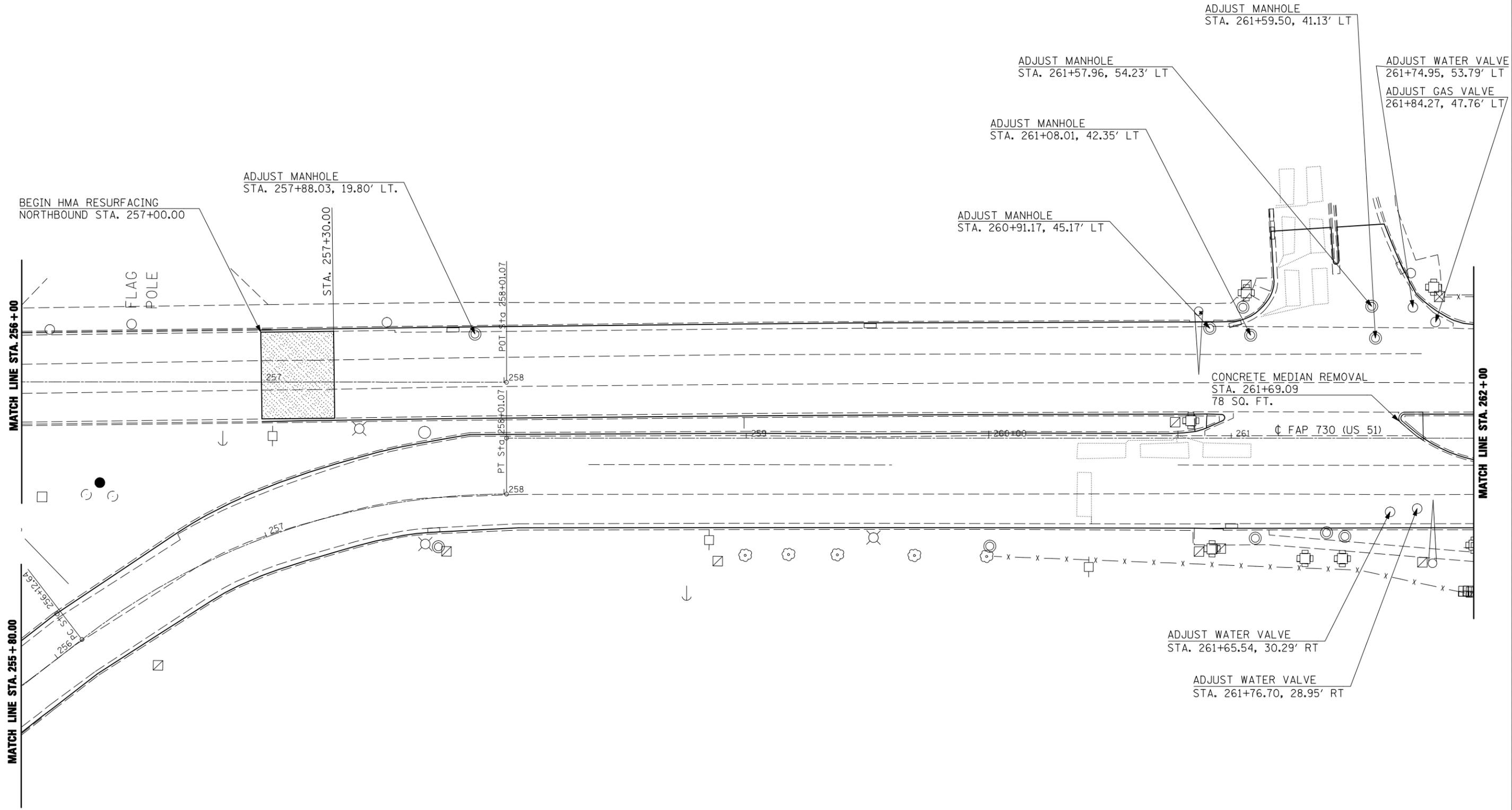
 PCC BUTT JOINT
 HMA BUTT JOINT

FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 40.0000' / IN.			
PLOT DATE = 3/24/2008			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 12
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.			70516	



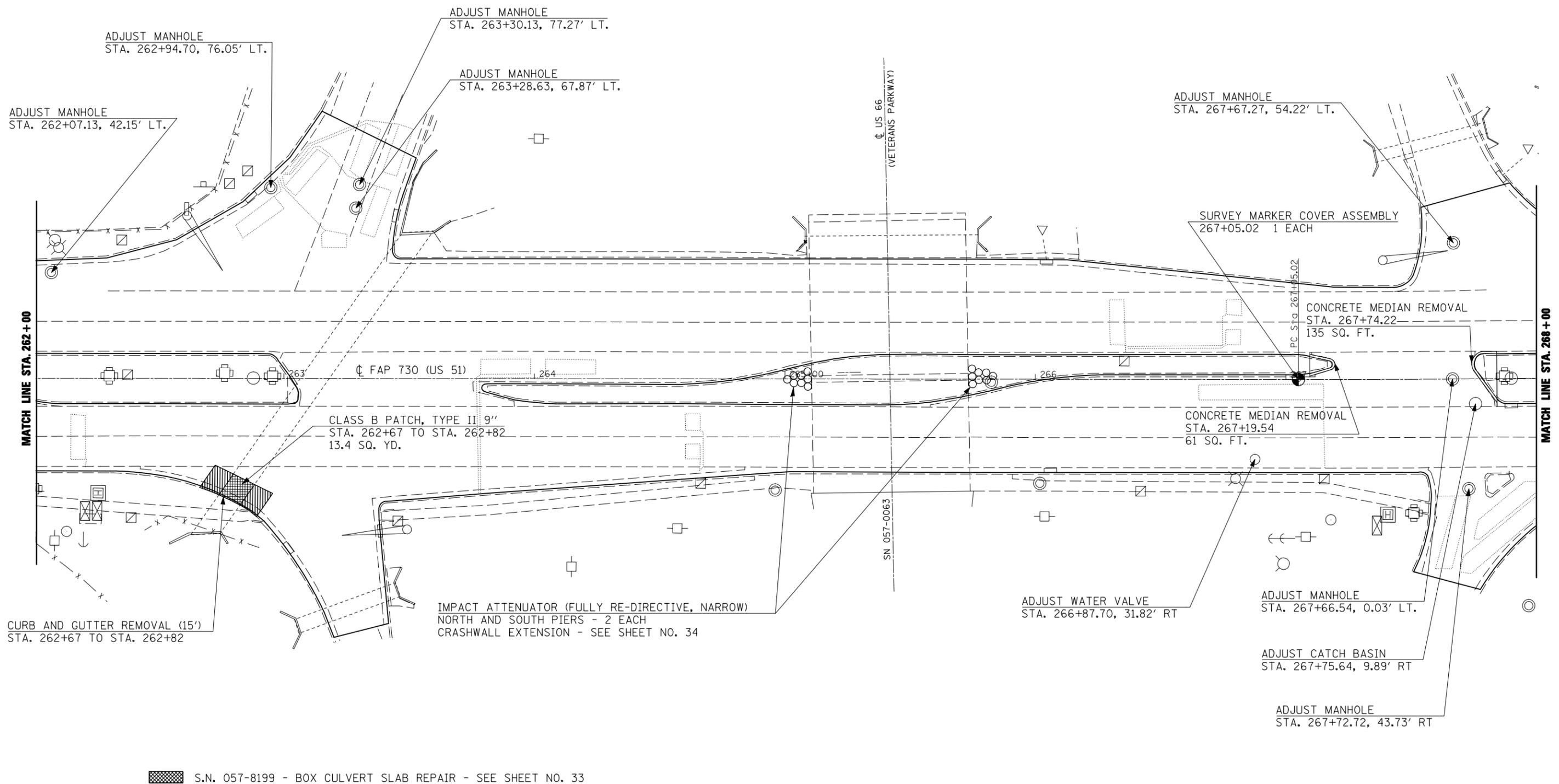
HMA BUTT JOINT

FILE NAME = c:\projects\4503626 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 13
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		

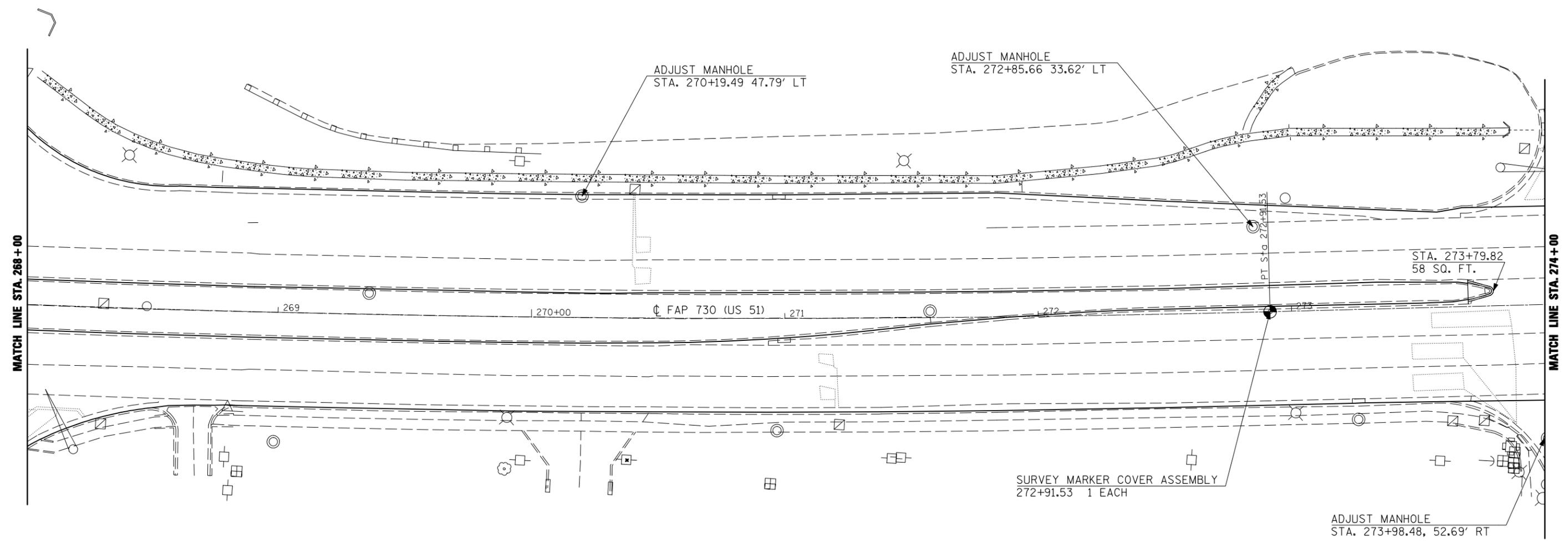


FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d503626 (v8)\70516sheets.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/24/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	14
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70516	

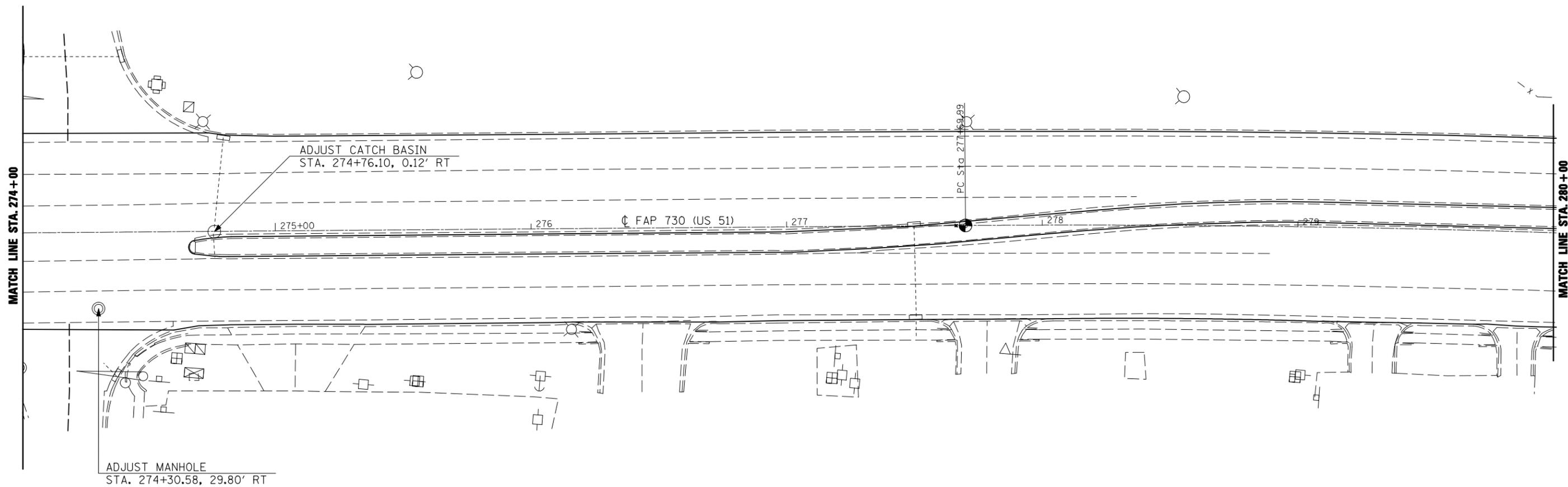


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 15
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		



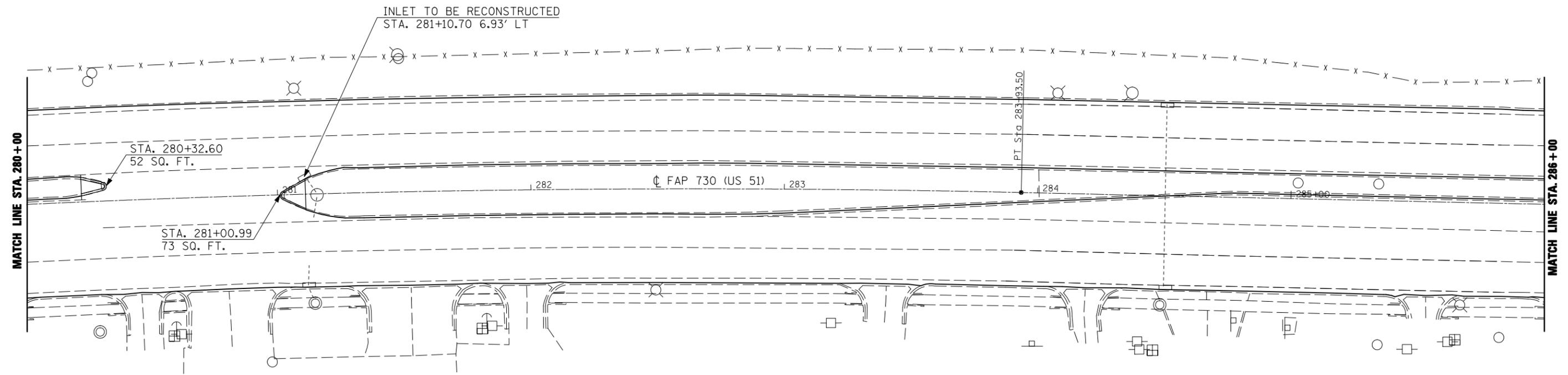
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d503606 (v8)\70516sheets.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	

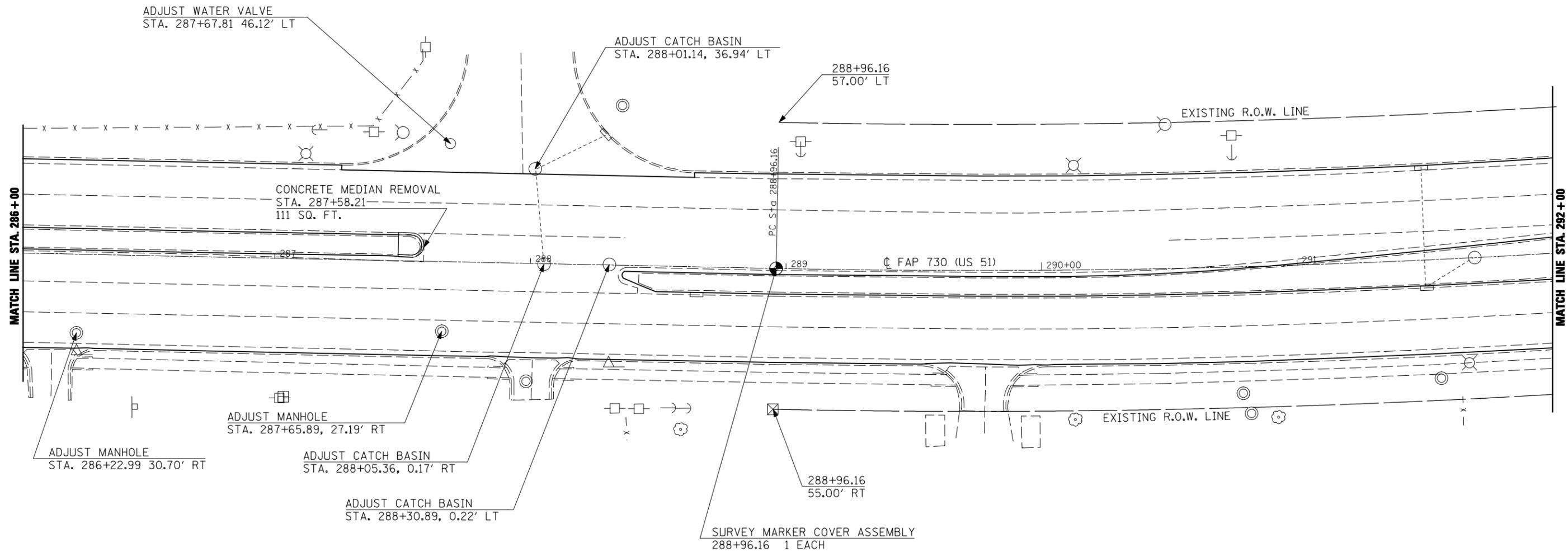


FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct\projects\d503606 (v8)\70516sheets.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	

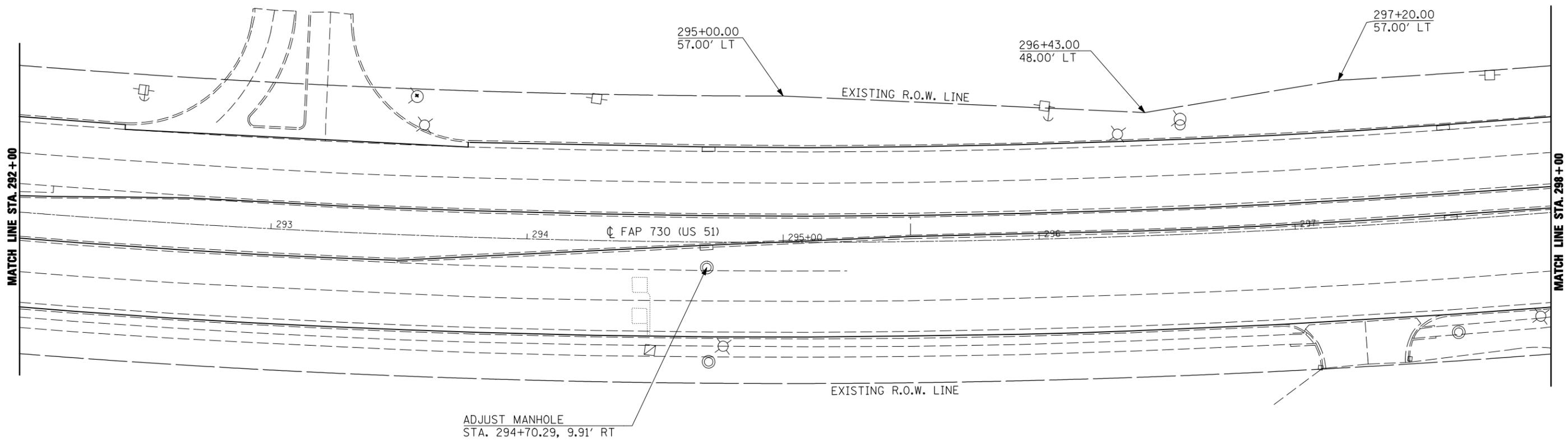


FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d503606 (v8)\70516sheets.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	

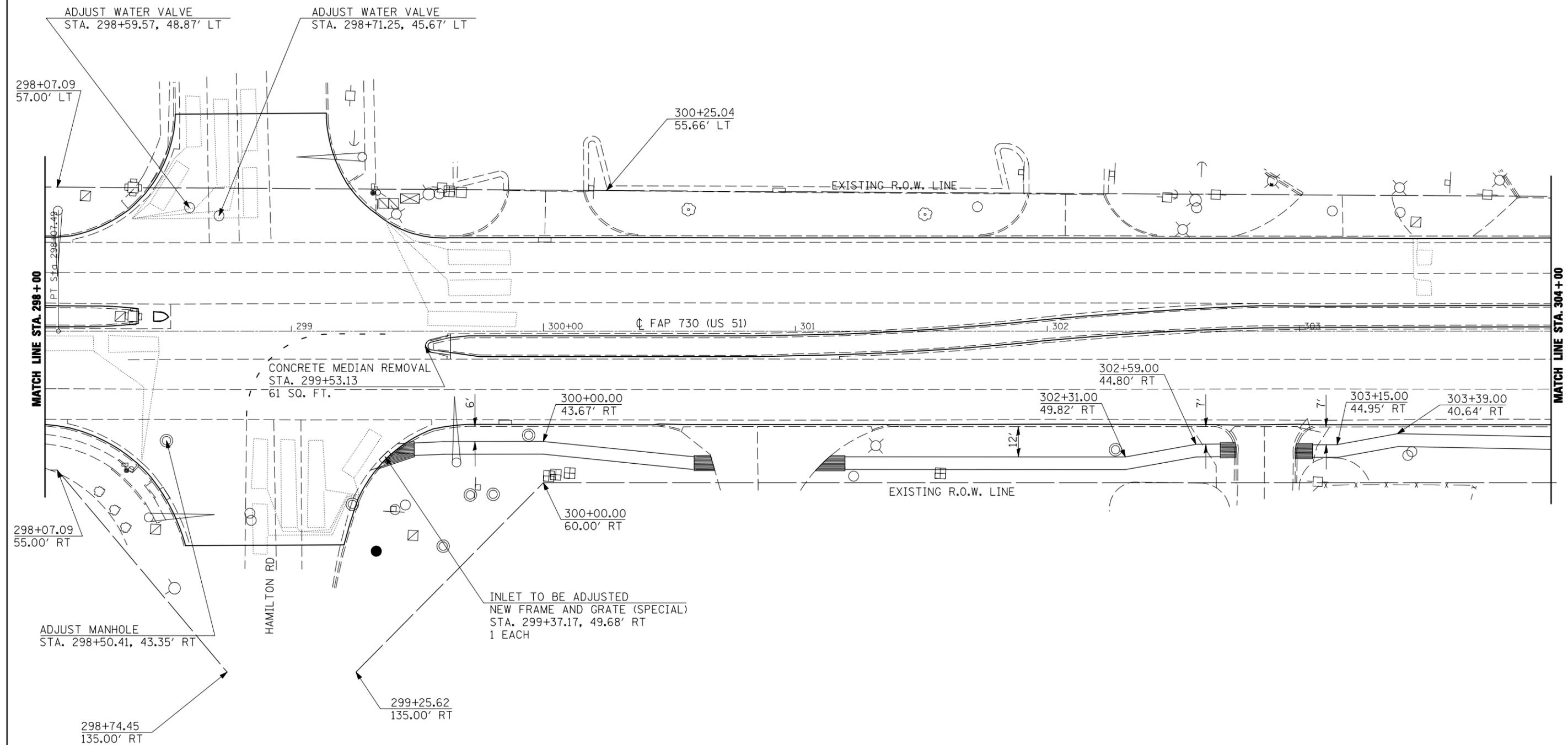


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 19
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		

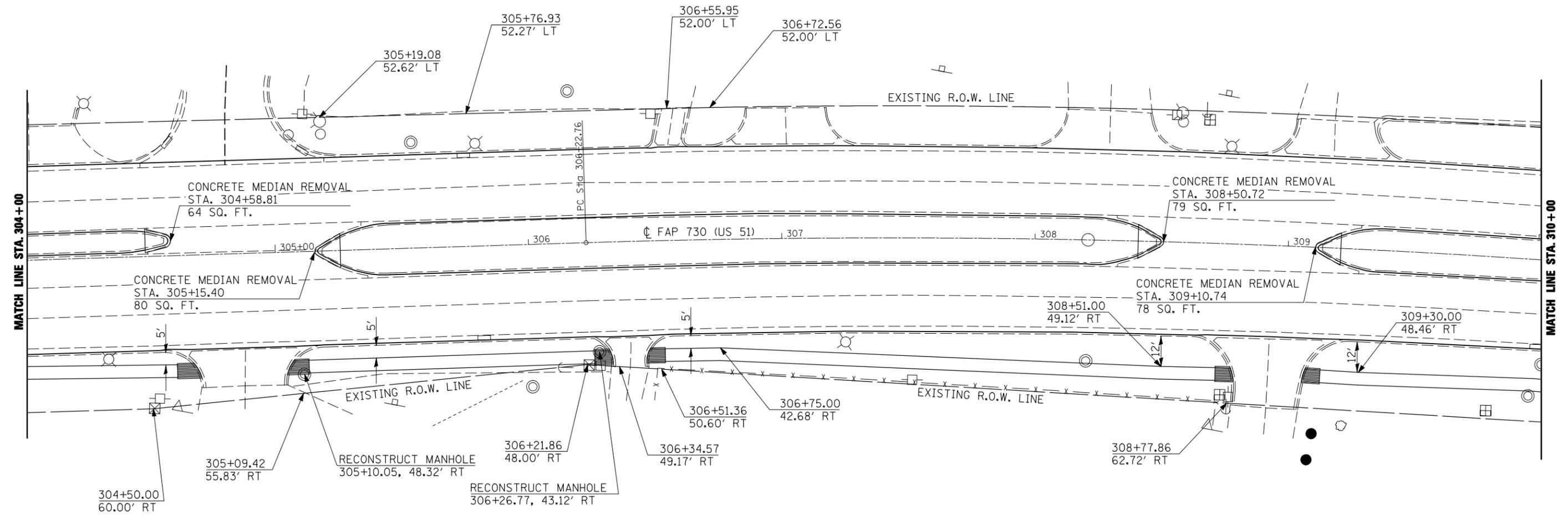


FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\4503626 (v8)\70516sheets.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	20
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		

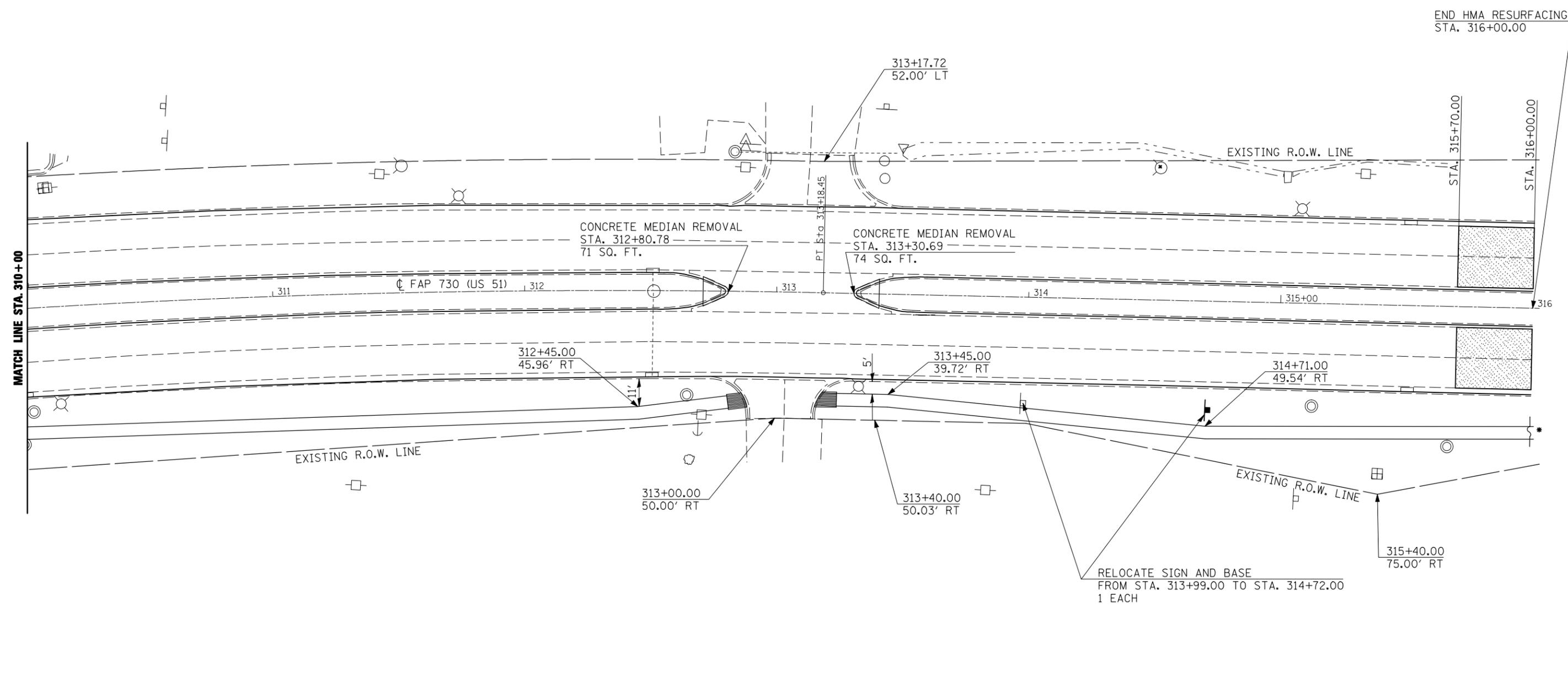
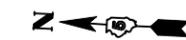


FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct\projects\d503626 (v8)\70516sheets.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	



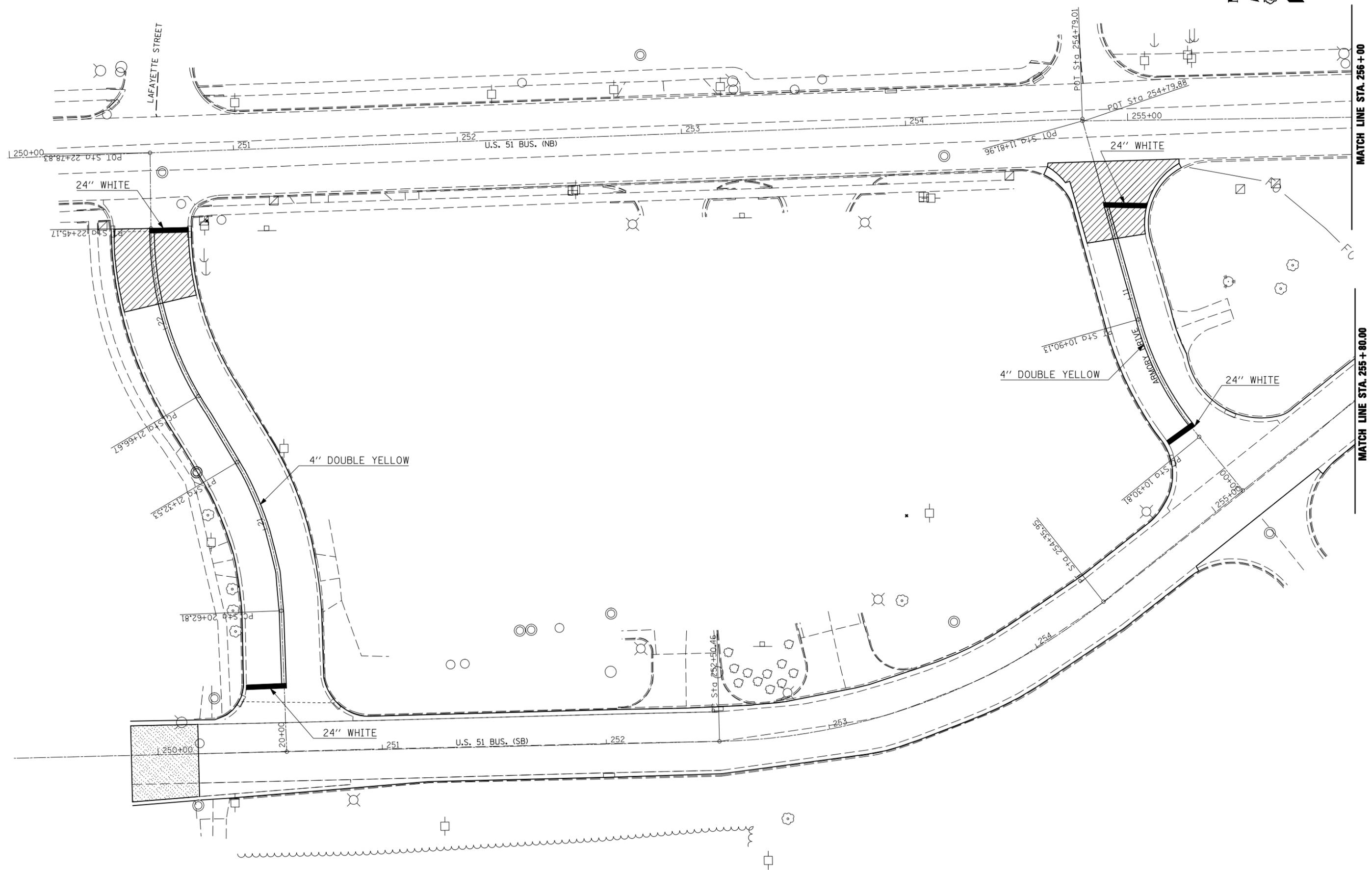
* SIDEWALK CONTINUES TO WOODRIG ROAD, AS PER R.E. LAYOUT

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\4503606 (v8)\70516sheets.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	



FILE NAME =
 c:\projects\d503606 (v8)\70516sheets.dgn

USER NAME = collierbw
 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = 3/24/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

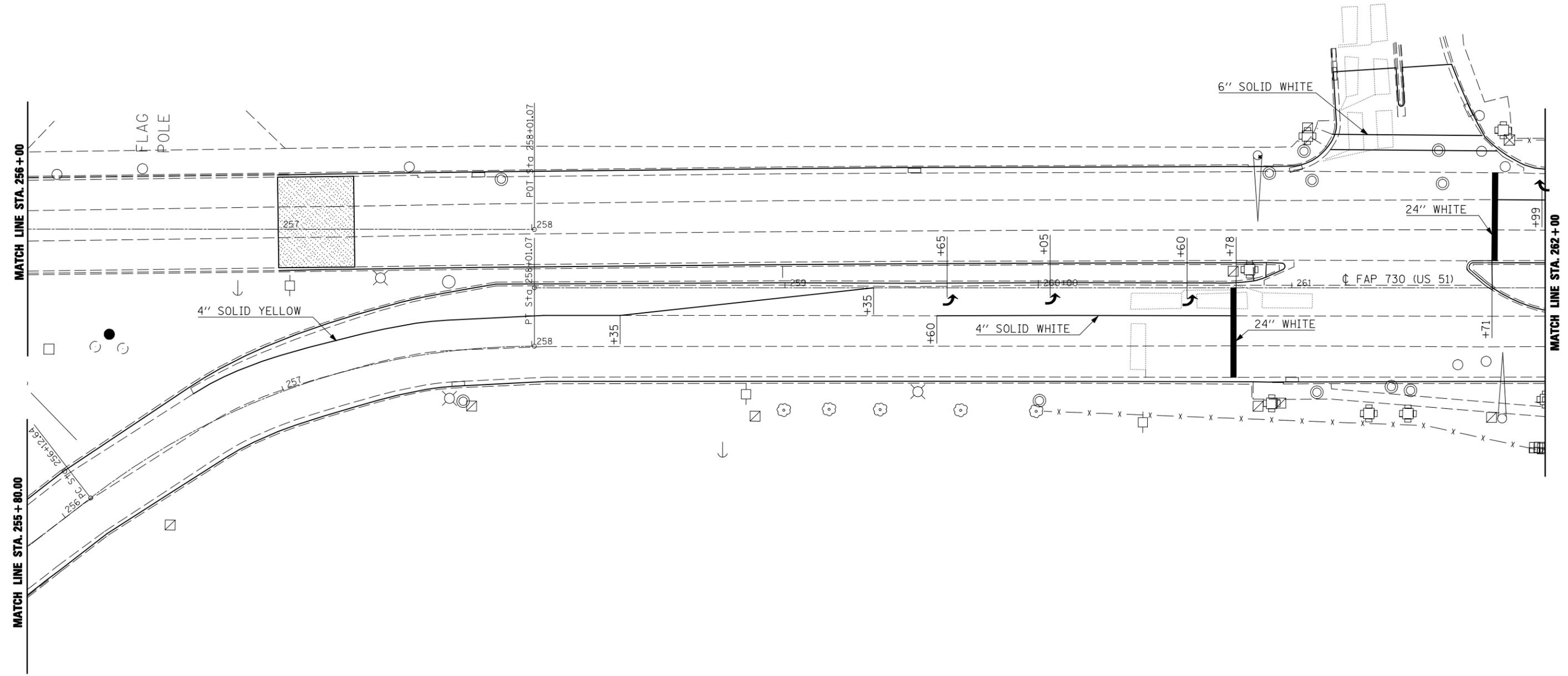
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	



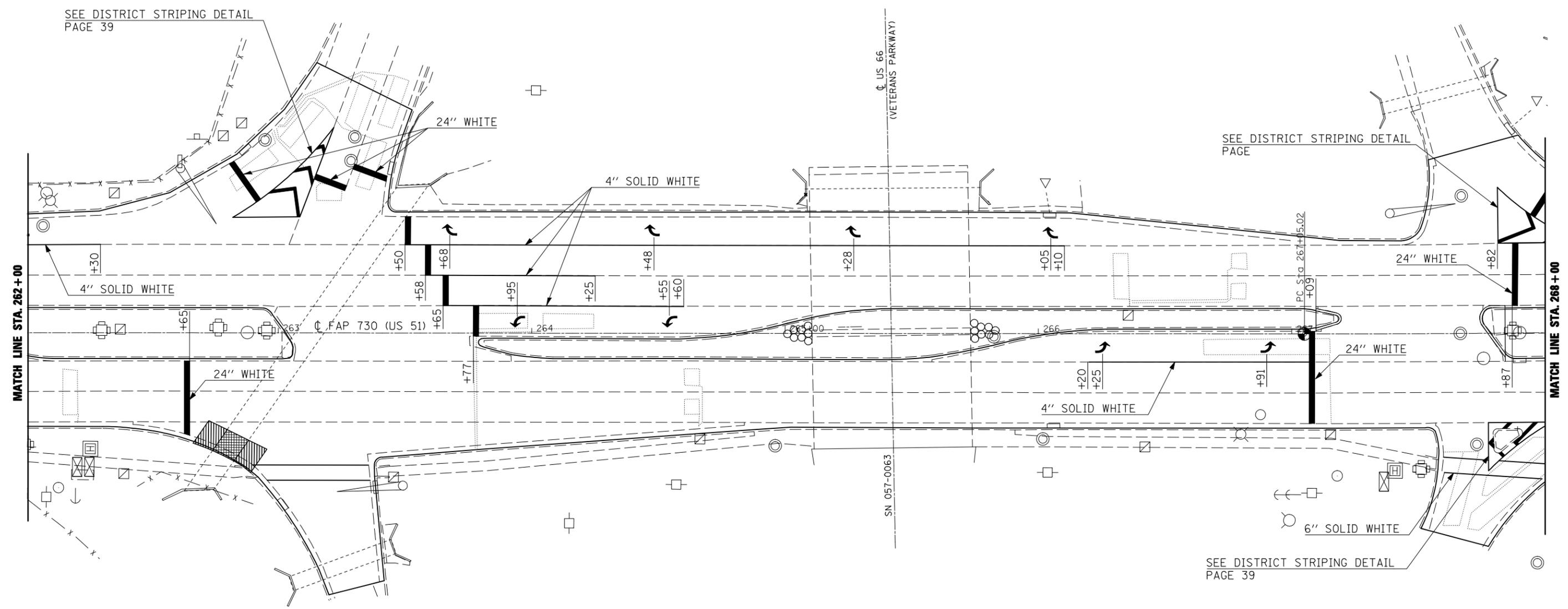
FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 24
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.			70516	



SEE DISTRICT STRIPING DETAIL
PAGE 39

SEE DISTRICT STRIPING DETAIL
PAGE

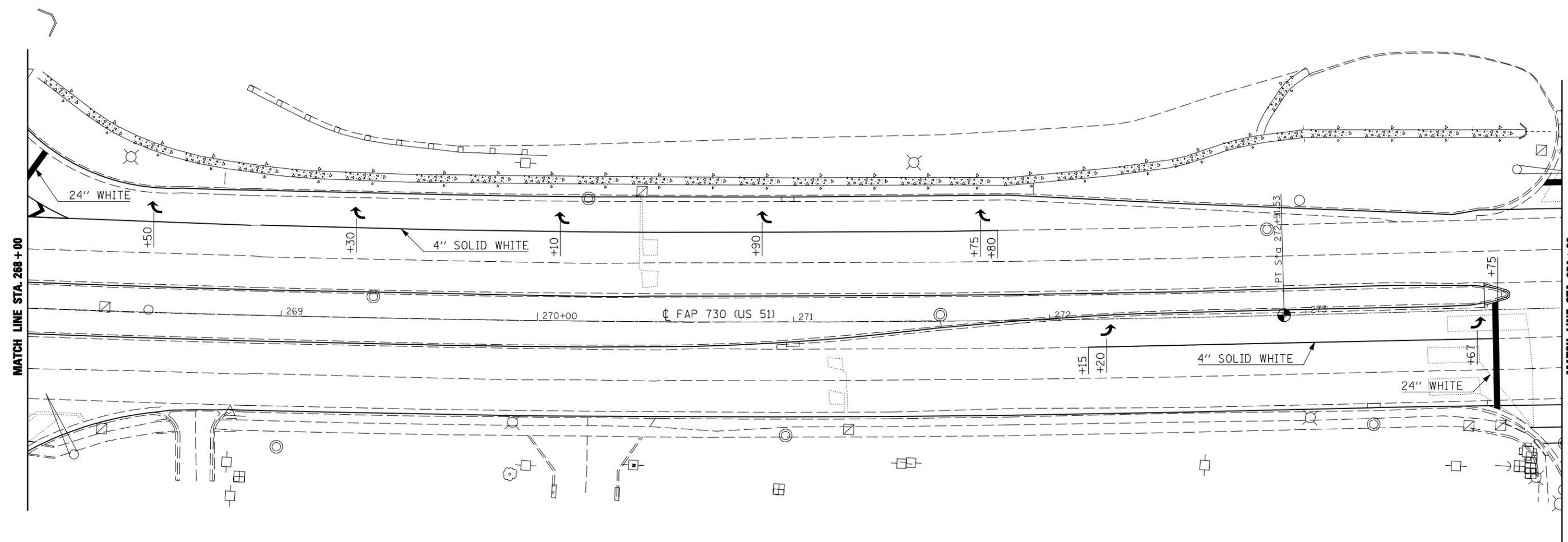
SEE DISTRICT STRIPING DETAIL
PAGE 39

FILE NAME = c:\projects\d503626 (v8)\70516sheets.dgn	USER NAME = craige	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 25
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 70516				

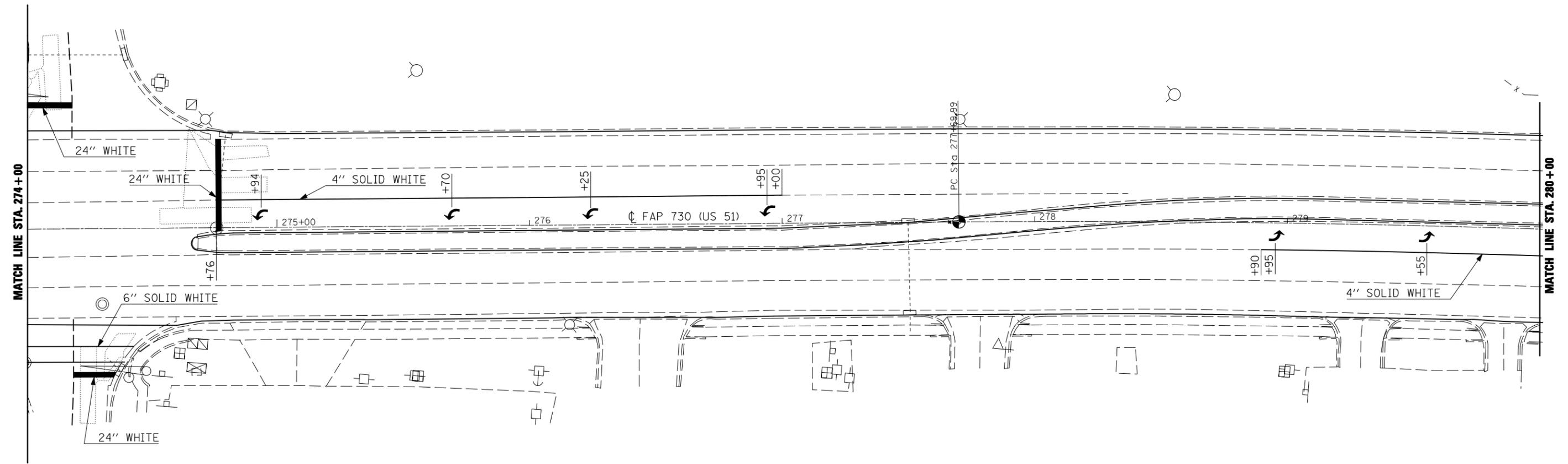


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 26
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		



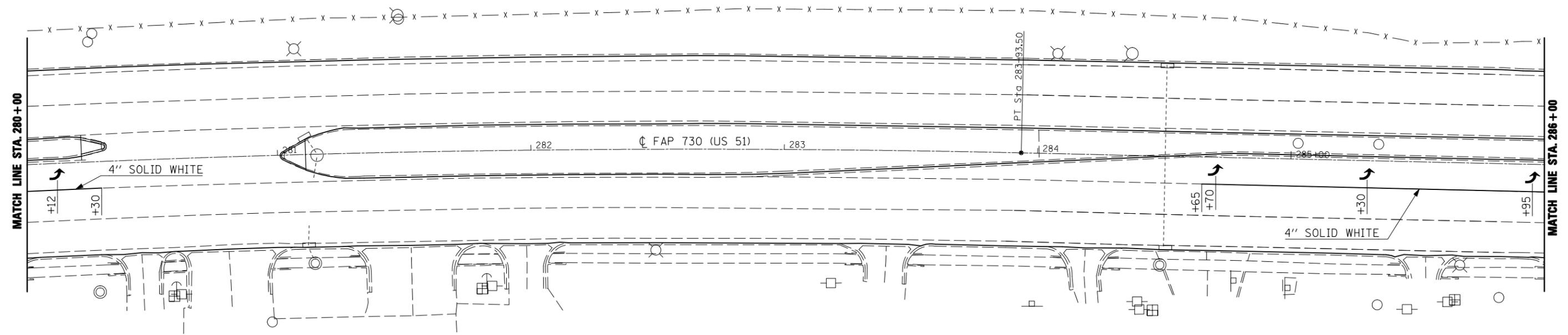
FILE NAME = c:\projects\d503626 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAIL

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 27
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		

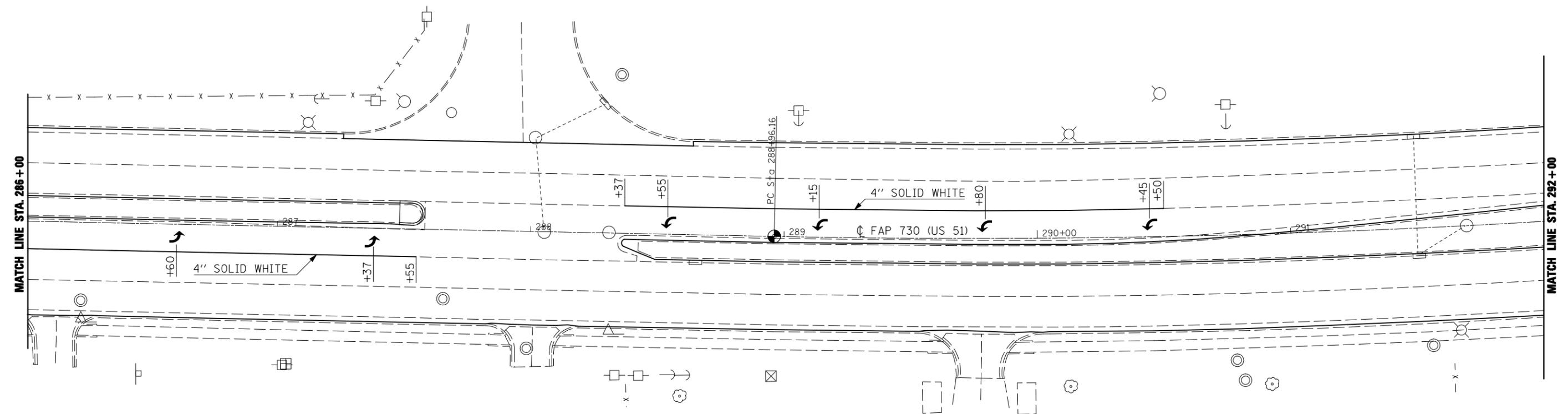


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		

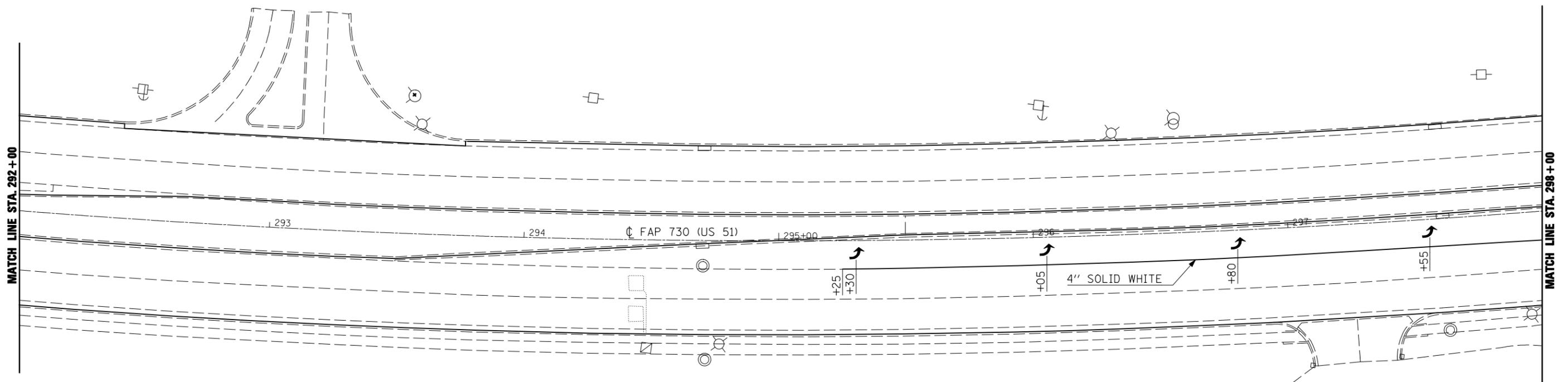


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 29
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		

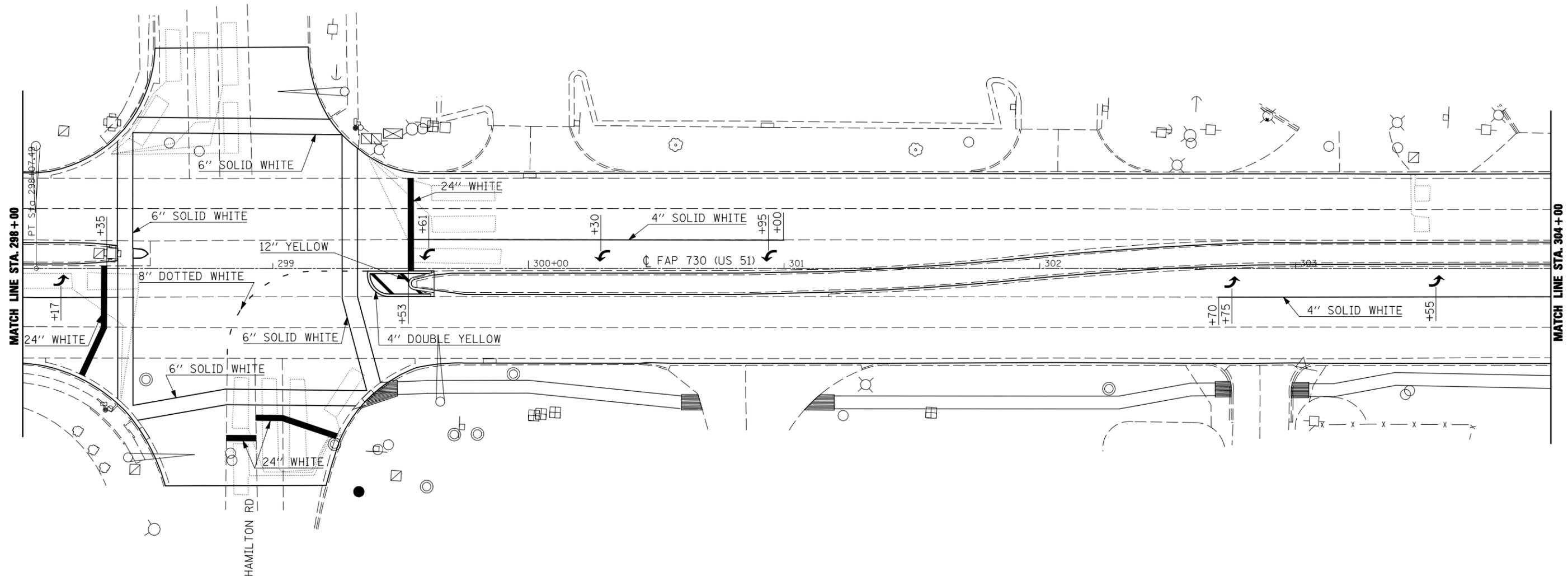


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 30
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.			70516	

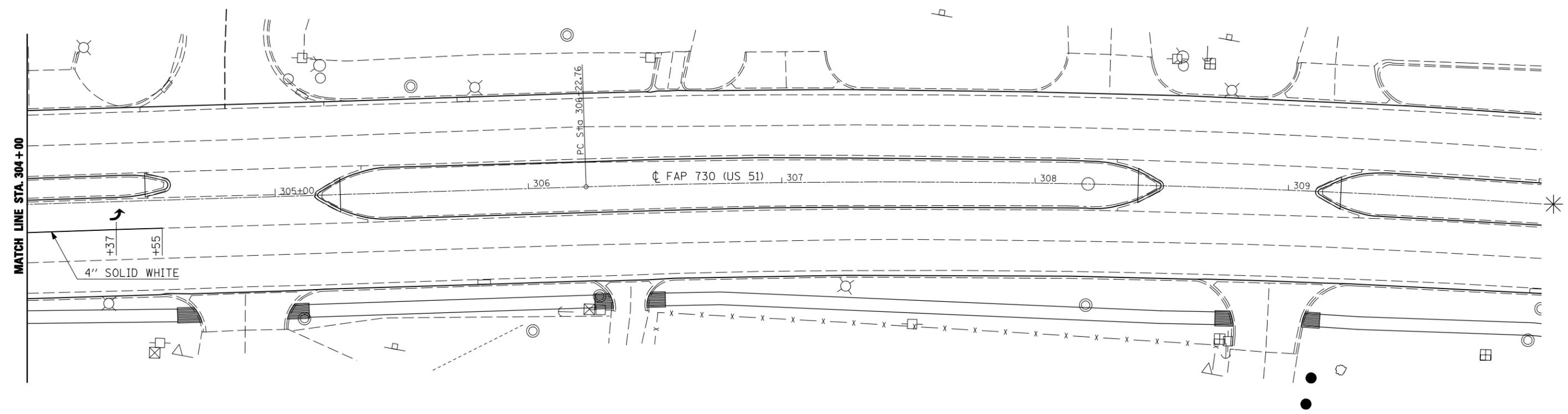


FILE NAME = c:\projects\d503606 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 31
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 70516		



* SKIP DASH ONLY
TO STA. 316+00

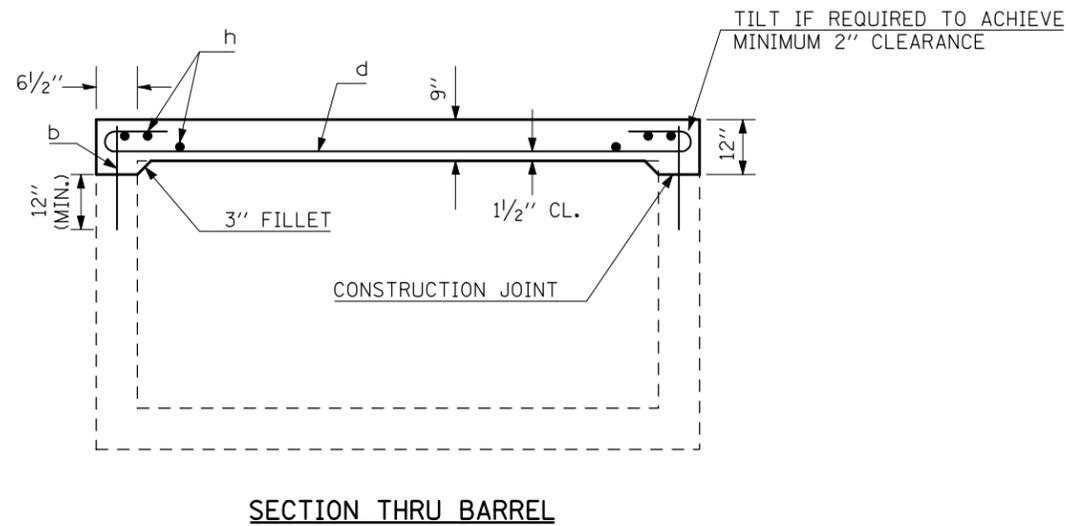
FILE NAME = c:\projects\d503626 (v8)\70516sheets.dgn	USER NAME = collierbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.			70516	

BOX CULVERT SLAB REPAIR



SECTION THRU BARREL

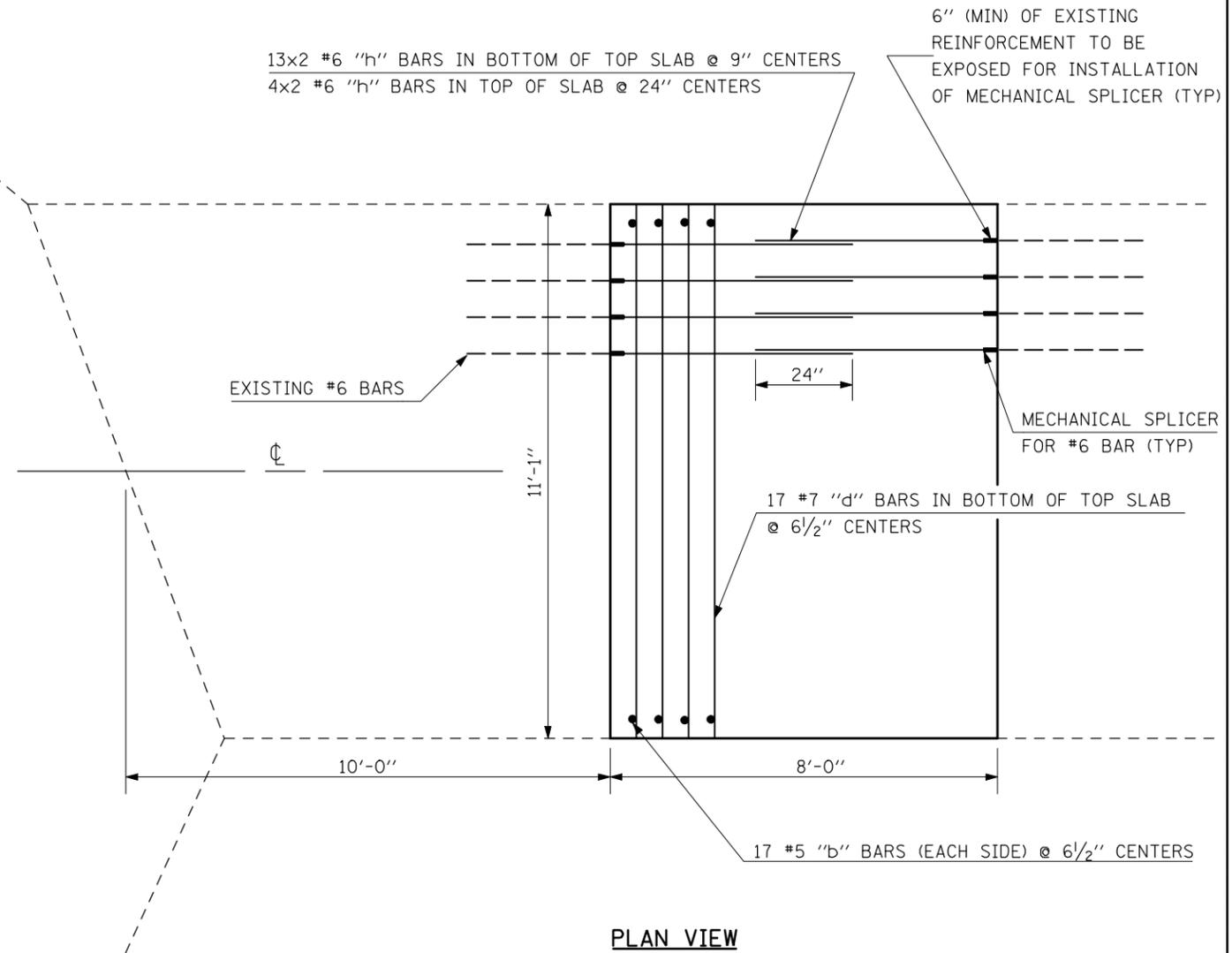
NOTES:

Bar "b" to be epoxy grouted a min. of 12" in accordance with Art. 584 of the standard specifications.

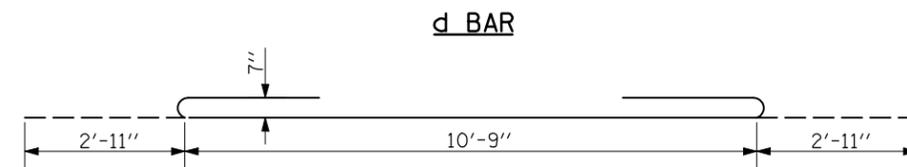
Bar "h" to be removed and disposed of. New "h" bars shall be spliced using mechanical splicers.

BILL OF MATERIALS

Bar	No.	Size	Length
b	34	#5	1'-7"
d	17	#7	16'-7"
h	34	#6	5'-0"
Bar Splicers	Each	34	
Concrete Removal	Cu.Yds.	2.8	
Concrete Box Culverts	Cu.Yds.	2.8	
Reinforcement Bars (Epoxy Coated)	LB.	890.0	



PLAN VIEW



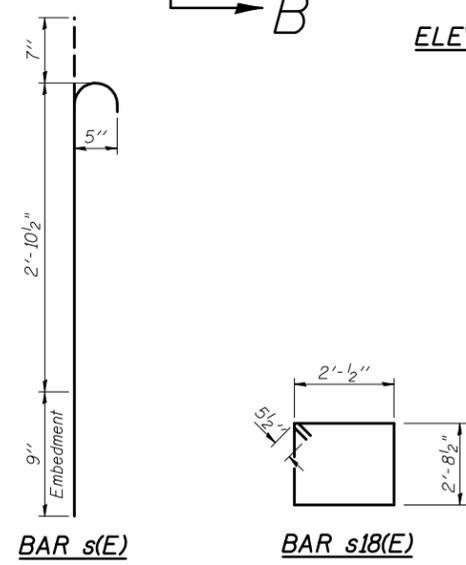
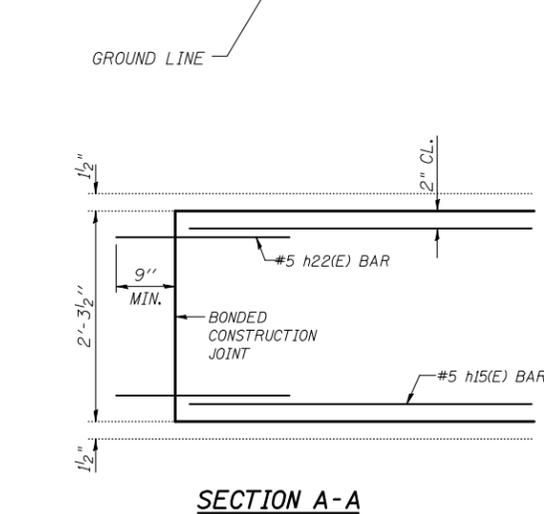
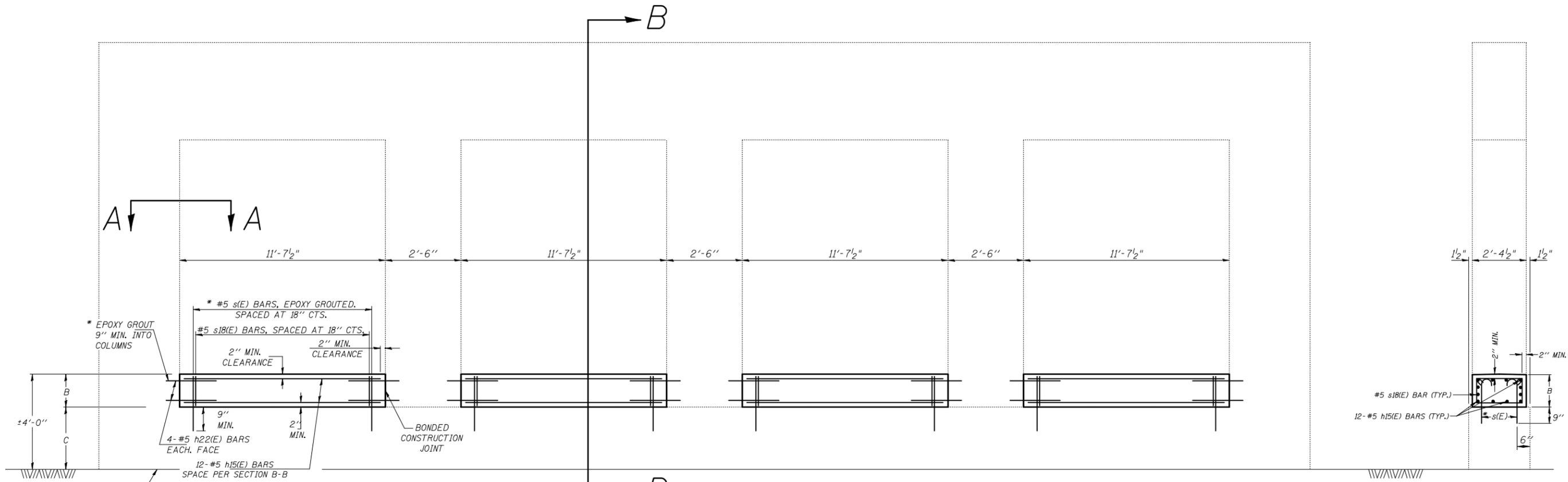
FILE NAME =	USER NAME = craige	DESIGNED -	REVISED -
ct\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BOX CULVERT SLAB REPAIR SN 057-8199

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	33
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES AND REINFORCEMENT BARS.

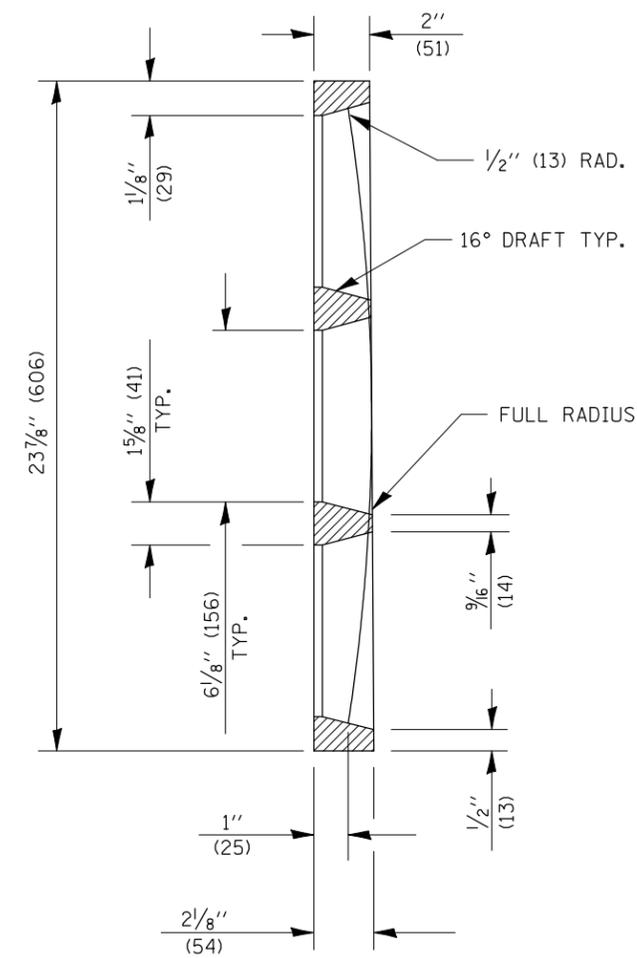
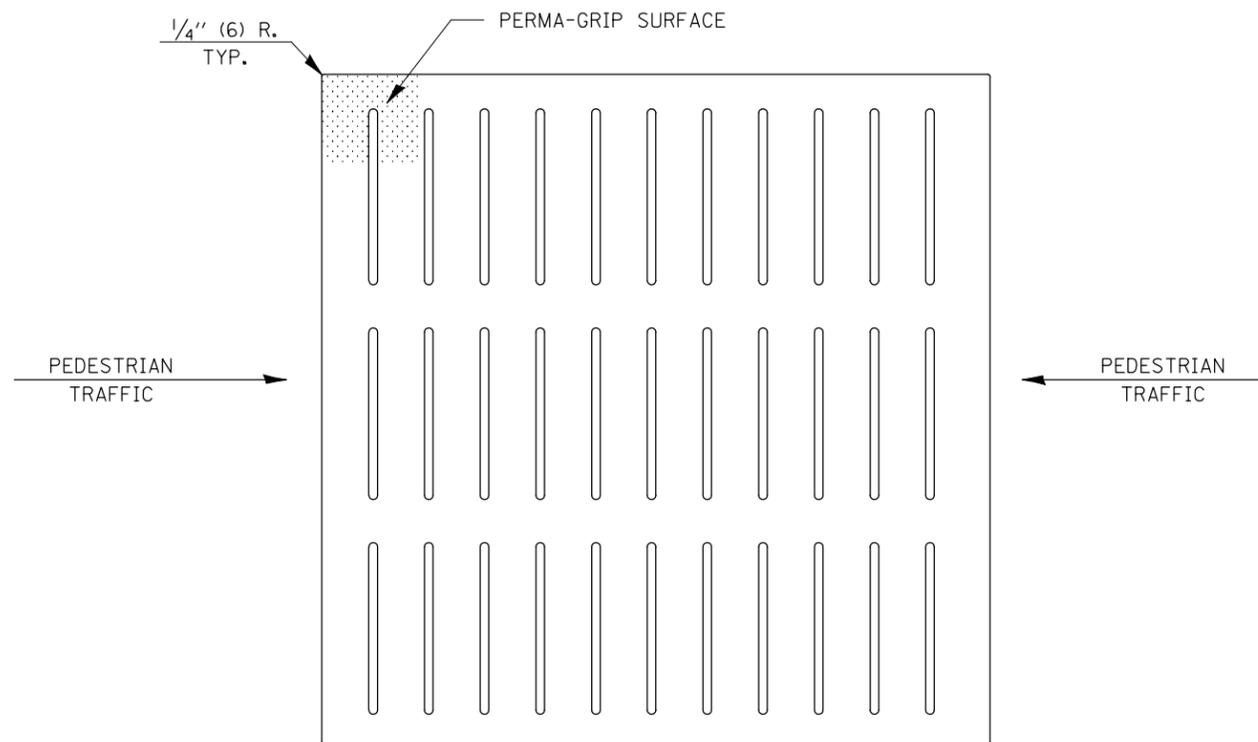
THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 60 (IL MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

CRASHWALL EXTENSION (TRAPEZOIDAL PIER)																										
STRUCTURE		DIMENSION		CONCRETE	BAR				BAR				BAR													
STATION	LOC.	B (FT)	C (FT)	STRUCTURES (CU YD)	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS						
057-0063	MED	3'- 1/2"	0'-11 1/2"	3.44	h15(E)	48	#5	11'-3"	566.0	h22(E)	64	#5	2'-9"	183.6	s(E)	72	#5	4'-2 1/2"	U	309.8	s18(E)	36	#5	10'-3"	□	391.0
265+42.00																										
				CONCRETE STRUCTURES =					566.0					183.6					309.8					391.0		
																					REINFORCEMENT BARS (EPOXY COATED) =	1450.0				

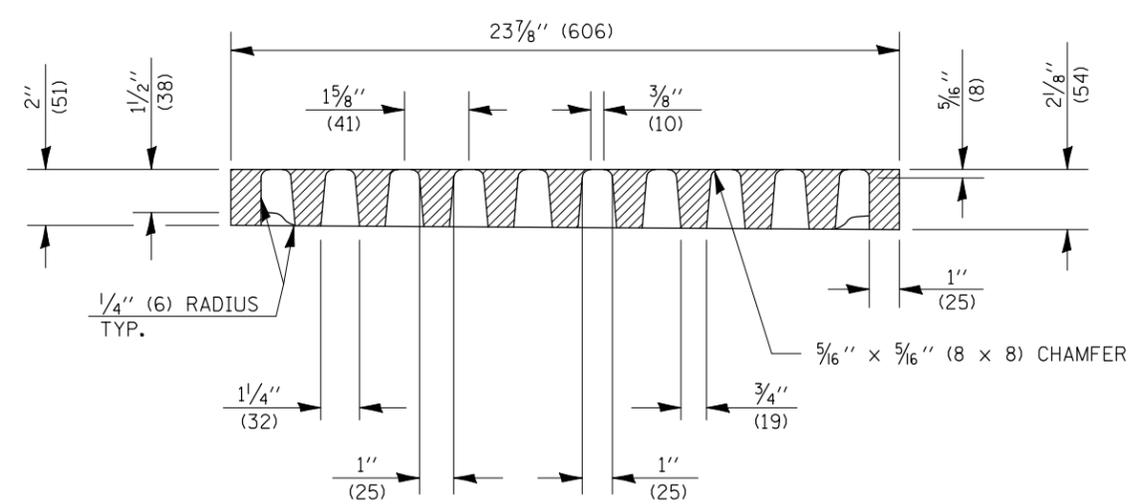
NOTE:
MED INDICATES MEDIAN PIER.



MATERIAL: CAST GRAY IRON ASTM A-48,
CLASS 35B
FINISH: NC PAINT
WEIGHT: 167 (76)

GENERAL NOTES

- NEENAH R-4808-A TYPE P GRATE OR EQUIVALENT SHALL BE USED.
- NEENAH R-3210-AL FRAME OR EQUIVALENT SHALL BE USED WITH THIS GRATE.
- THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL).



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06
ct:\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INLETS TO BE ADJUSTED WNEW FRAME AND GRATE (SPECIAL)

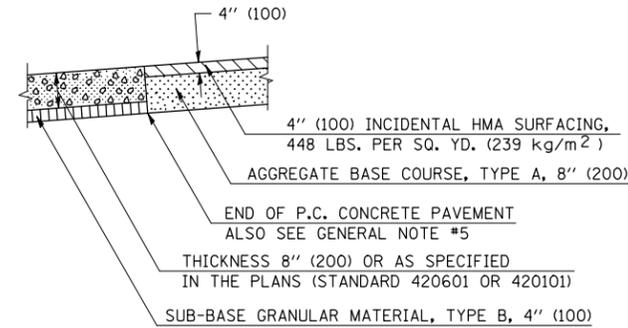
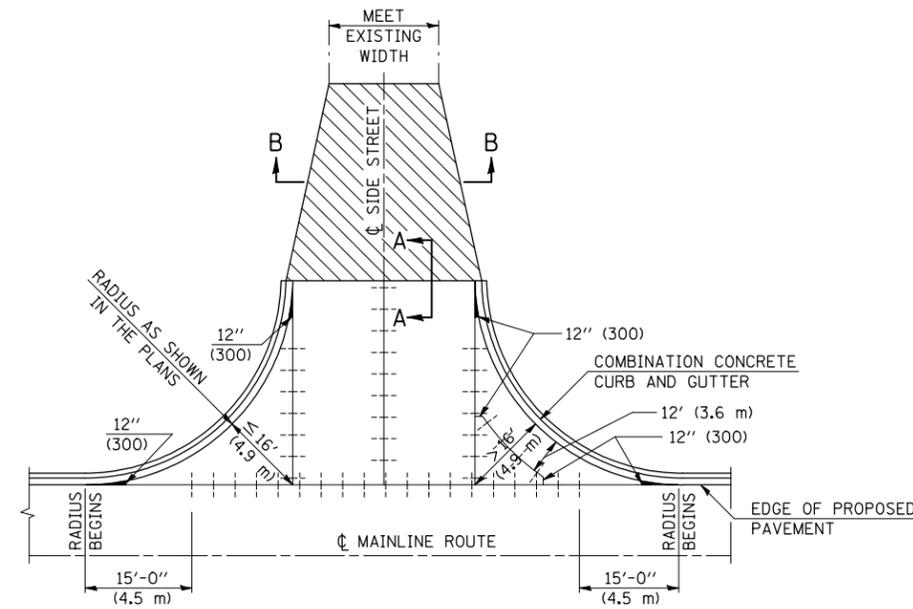
SCALE: SHEET NO. OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 60262510

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	35
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

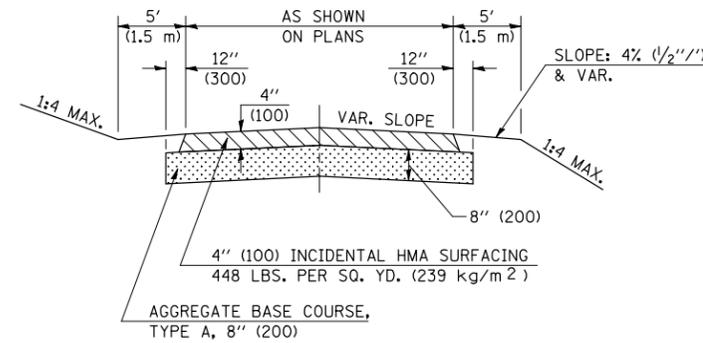
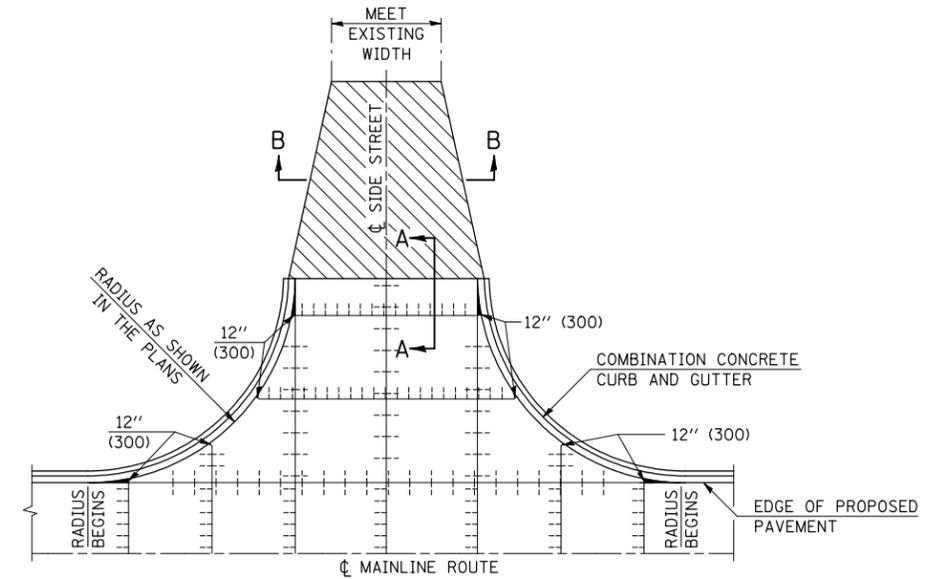
**NEW CONSTRUCTION
(3 R" IMPROVEMENTS)**

(ADJACENT TO RESURFACING OR WIDENING AND RESURFACING)



SECTION A-A

(ADJACENT TO JOINTED P.C.C. PAVEMENT)



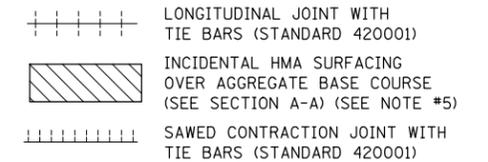
SECTION B-B

GENERAL NOTES

- ALL INTERSECTING SIDE STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS DETAIL EXCEPT THOSE NOTED IN THE PLANS.
- SAWED LONGITUDINAL JOINTS WITH TIE BARS WILL BE ALLOWED ALONG THE CENTERLINE ONLY WHEN THE STREET RETURN IS POURED FULL WIDTH. OTHER LONGITUDINAL JOINTS SHALL BE ACCORDING TO STANDARD 420001.
- THE MATERIAL WITHIN THE WIDTH TRANSITION AREA MAY BE DIFFERENT THAN SHOWN ABOVE. THE WIDTH TRANSITION MAY NOT BE REQUIRED AT ALL LOCATIONS.
- SHADED AREAS SHALL BE POURED MONOLITHIC WITH ADJACENT COMBINATION CONCRETE CURB AND GUTTER. THIS WORK WILL BE MEASURED AND INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD (m²) FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) OF THE TYPE AND THICKNESS SPECIFIED IN THE PLANS.
- SAWED CONTRACTION JOINTS, AS SHOWN IN STANDARD 420001, SHALL BE REQUIRED AT 12' (3.6 m) TO 18' (5.5 m) SPACING FOR JOINTED PCC PAVEMENT AND AT 40' (12.2 m) (MIN. SPACING 20' (6.1 m)) WHEN THE LENGTH OF THE RETURN EXCEEDS 40' (12.2 m).
- JOINT SPACING, MONOLITHIC POURS AND OTHER FEATURES MAY BE MODIFIED TO MAINTAIN ALIGNMENT OF JOINTS BETWEEN ADJACENT PANELS. SEE PAVEMENT JOINT PLANS.
- PLACEMENT OF PAVEMENT FABRIC SHALL BE AS SHOWN ON THE STANDARDS INCLUDED WITH THIS IMPROVEMENT.

URBAN SIDEROAD DESIGN STANDARDS (PPM 40-06)									
DESIGN ELEMENT	New Construction OR 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) OR 3P			SMART or Contract Maintenance		
	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT); (measured at end of radius or row line; greatest distance from edge of traveled way)	30 f-f	30 f-f	Coordinate with Geometrics Engineer	resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA			resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA		
RADIUS (FT)	30	30							
ENTRANCE GRADE (%)	1	1 to 4	4						
BREAKOVER (%)	0	5	10						
INTERSECTION ANGLE	60	75 to 90							
SURFACE TYPE									
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge		
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base					
PCC PAVEMENT (INCH)		8							

LEGEND



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 420030A

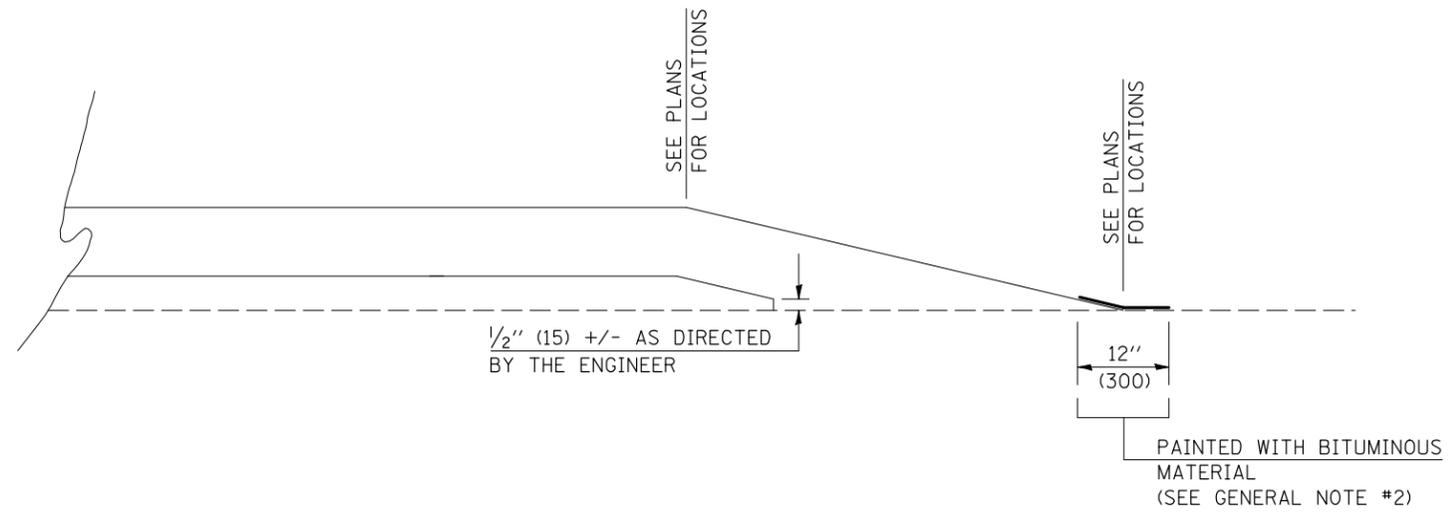
FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06 TJB
ct:\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED - 09/07 KAG
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTING SIDE STREETS (URBAN)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	36
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. ALL PROPOSED RUNDOWNS SHALL BE UNIFORMLY CONSTRUCTED AS FOLLOWS:
 1: 240 (20 FEET PER INCH) OF THICKNESS FOR NON-INTERSTATE IMPROVEMENTS (SEE ARTICLE 406.09)
 1: 360 (30 FEET PER INCH) OF THICKNESS FOR INTERSTATE IMPROVEMENTS

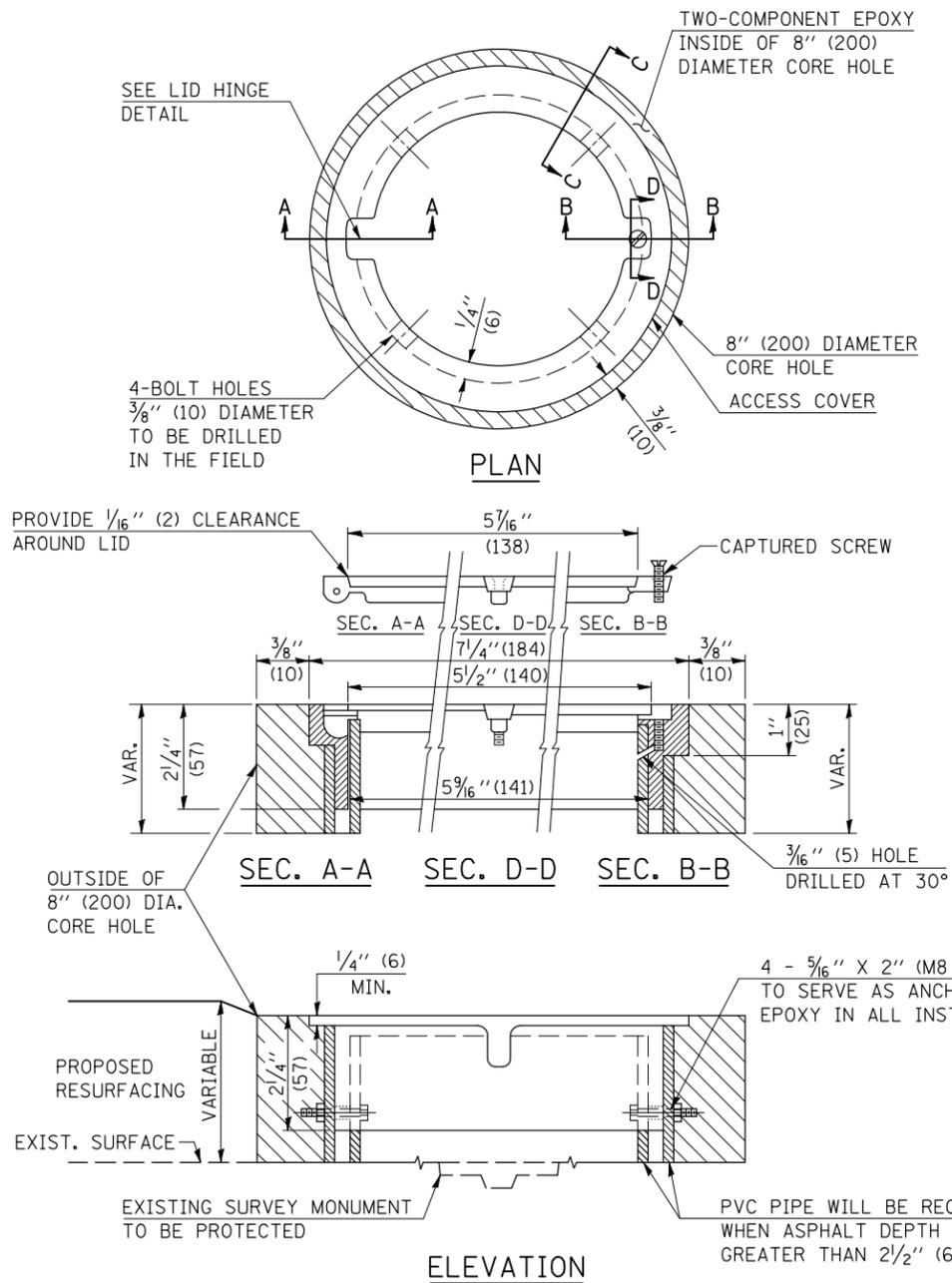
2. ON RESURFACING RUNDOWNS THAT ARE TO REMAIN IN PLACE AFTER COMPLETION OF THE SECTION, THE END OF THE FEATHEREDGE SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES (300 mm) WIDE, 6 INCHES (150 mm) ON THE RUNDOWN AND 6 INCHES (150 mm) ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 406AAAAA

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FEATHEREDGE RUNDOWN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -		730	(56)RS-2	MCLEAN	51	37			
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70516				
	PLOT DATE = 3/25/2008	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-601Es. NO EXCEPTIONS.

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

GENERAL NOTES

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. Z0070100

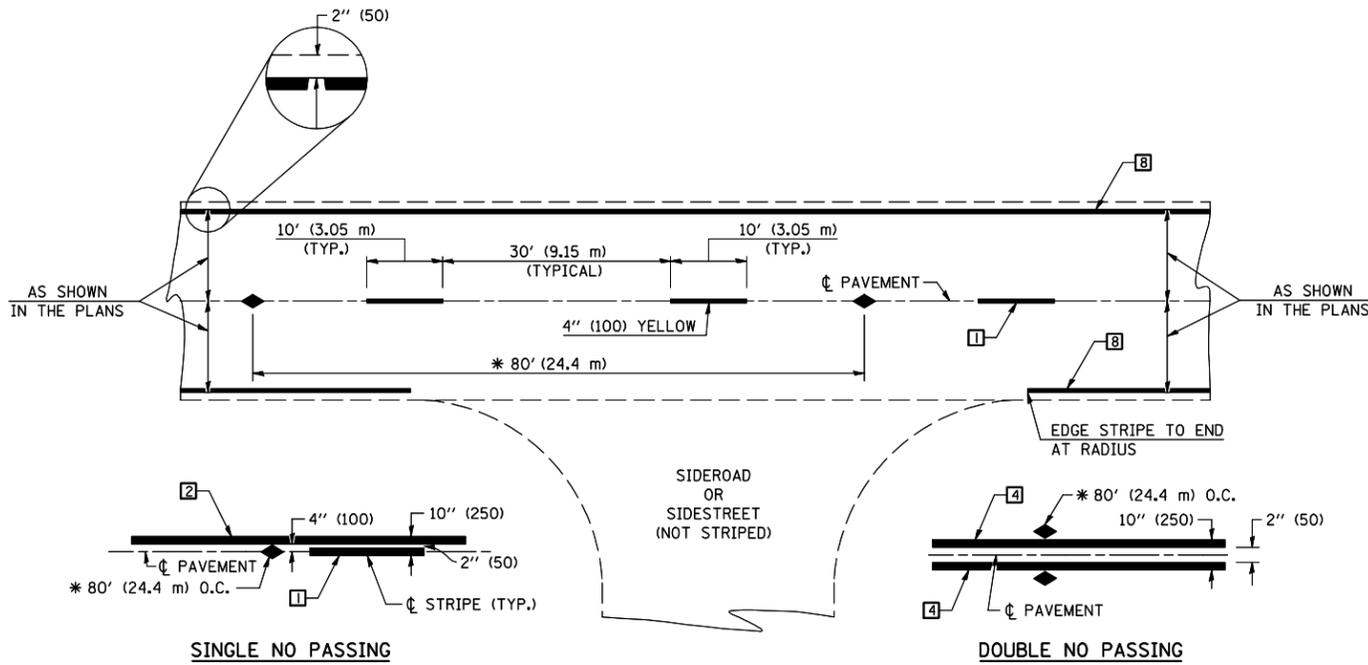
FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06
ct:\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	38
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

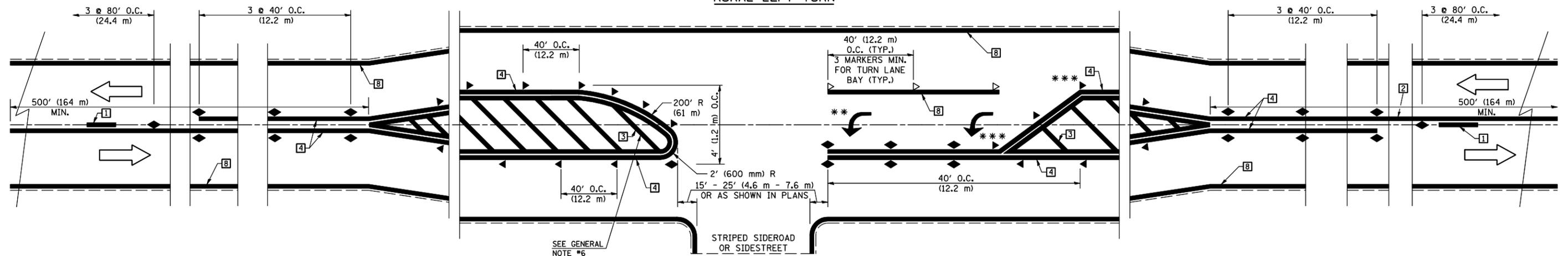
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

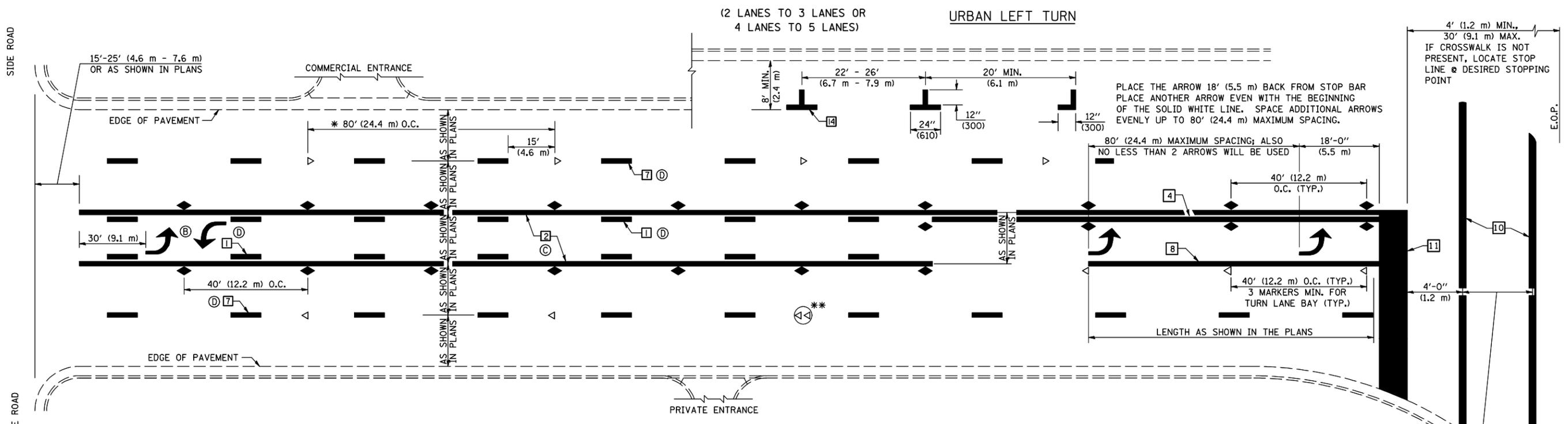
FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06
ct:\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	39
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

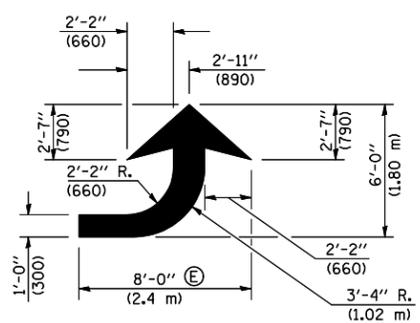


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER
ON CURVES WHERE ADVISORY SPEEDS ARE
10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
AND SPACED AS SHOWN IN HIGHWAY STANDARD
781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
HIGHWAYS.

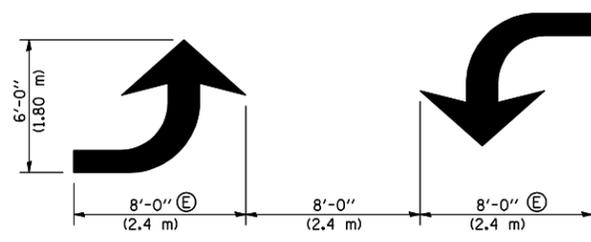
GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



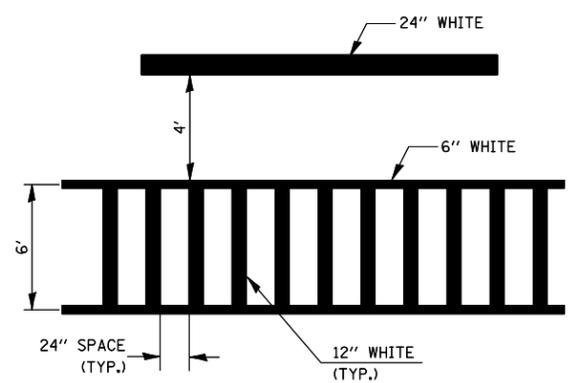
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

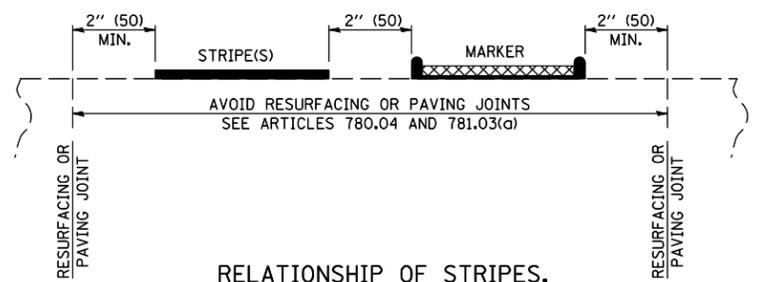


**TYPICAL DOUBLE
TURN ARROWS (WHITE)**

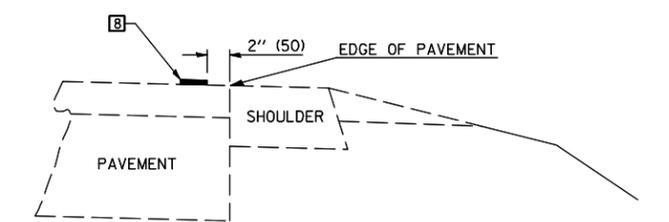
BLOOMINGTON-NORMAL CITY LIMITS ONLY



**TYPICAL SPACING FOR
CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

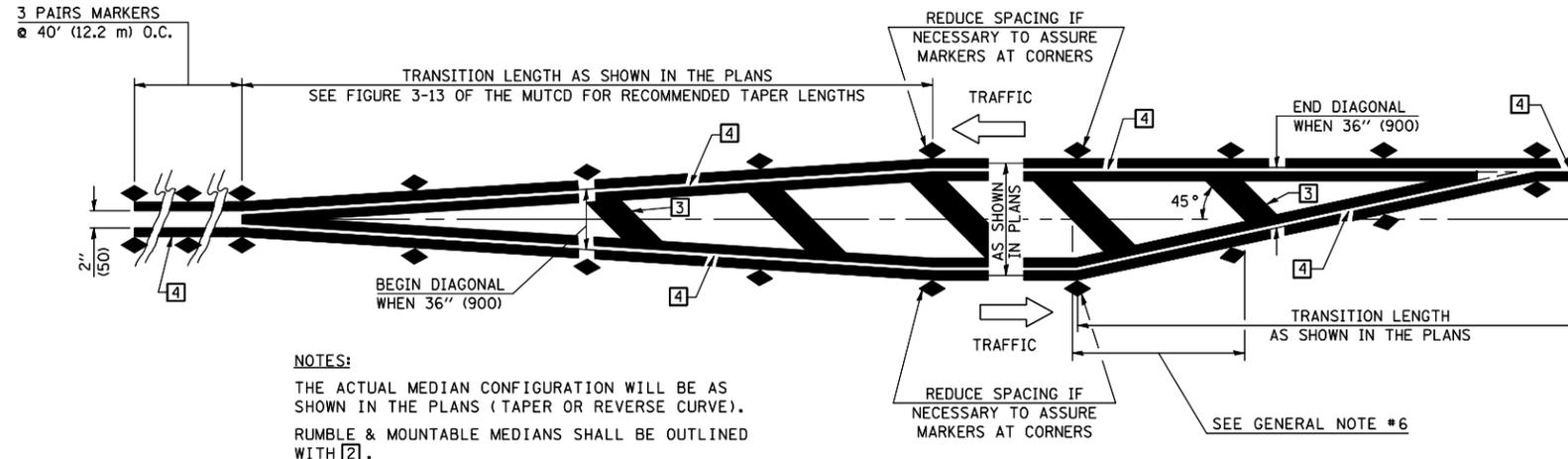
FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06
ct:\projects\d503626 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	40
CONTRACT NO. 70516				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

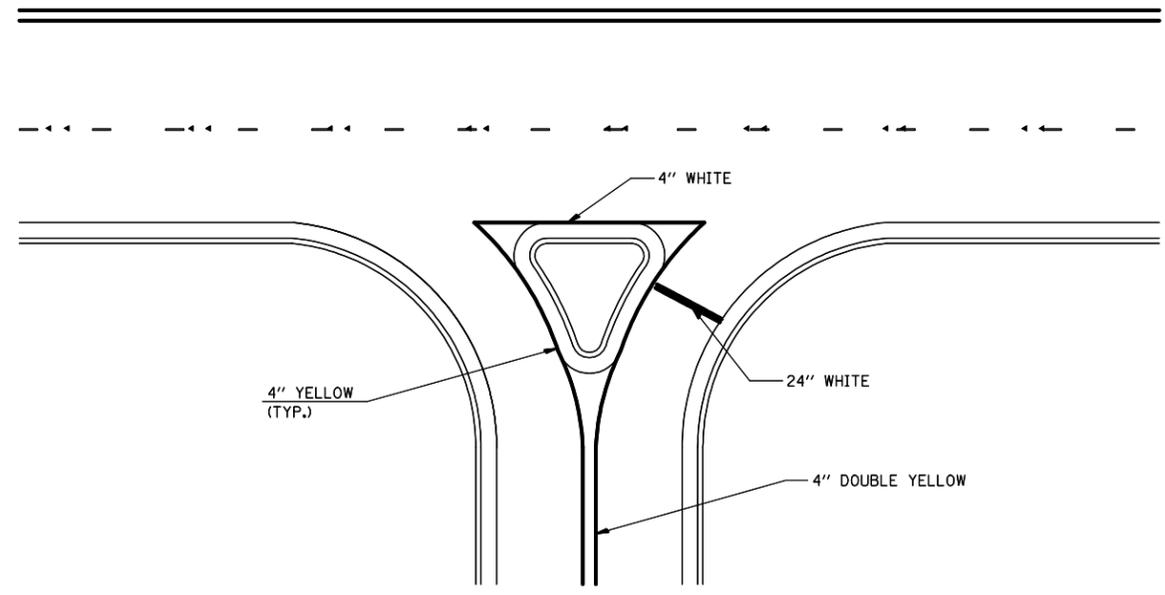


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

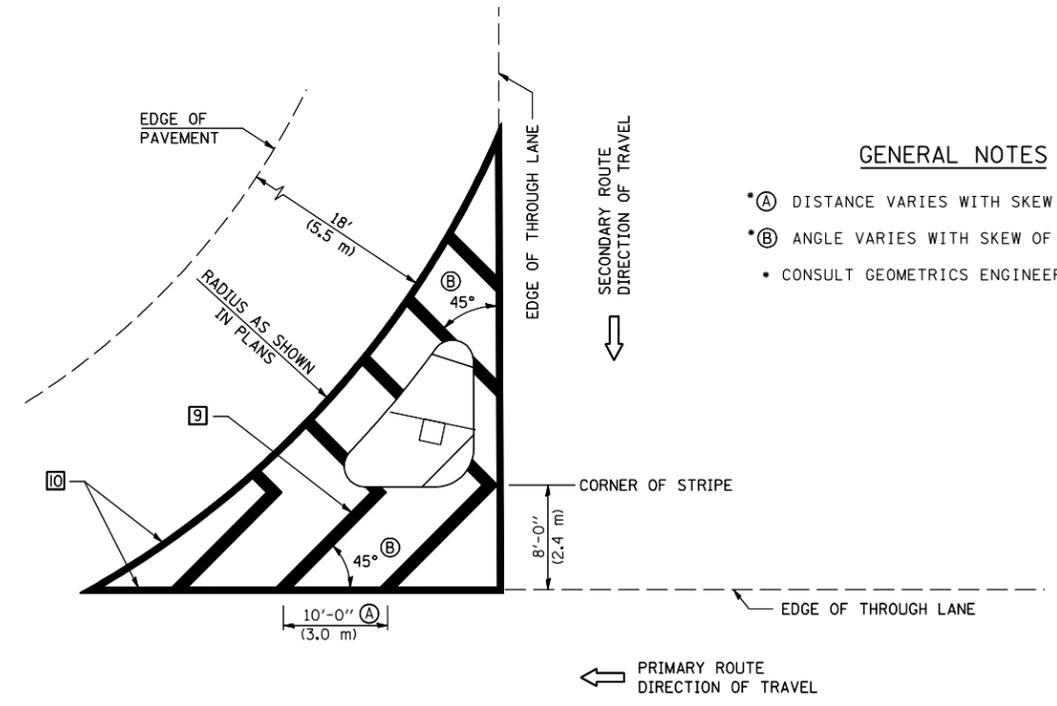
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- *A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- *B ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06
cr\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

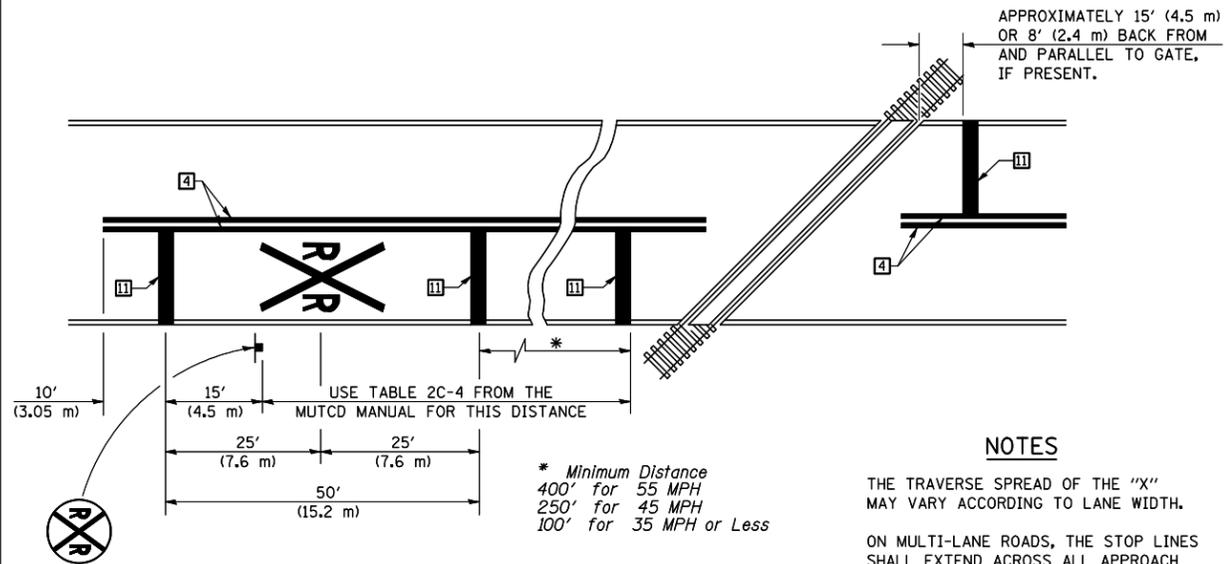
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	41
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



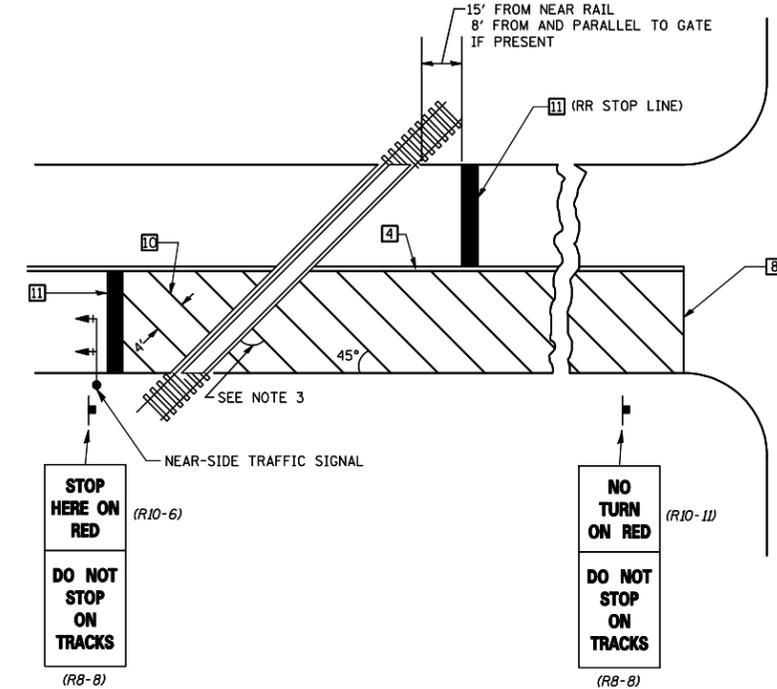
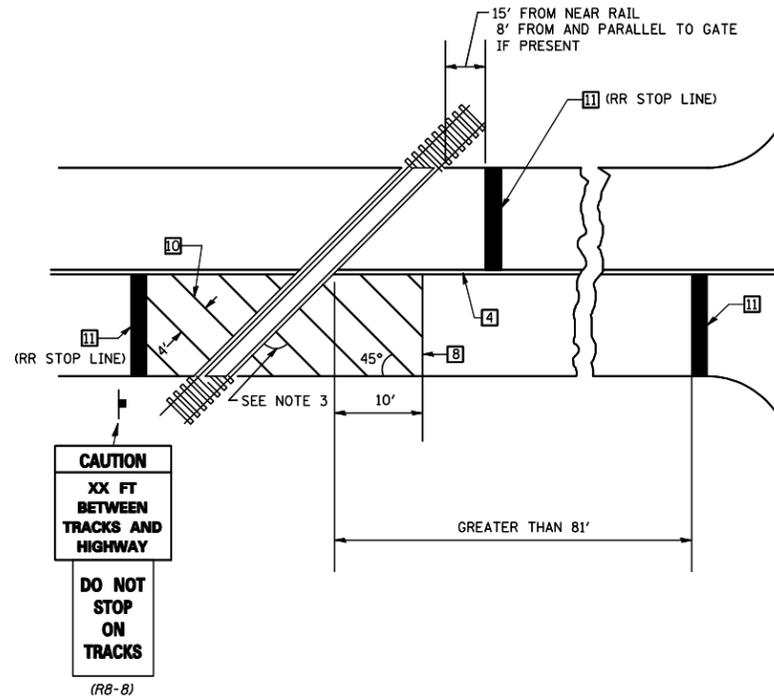
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

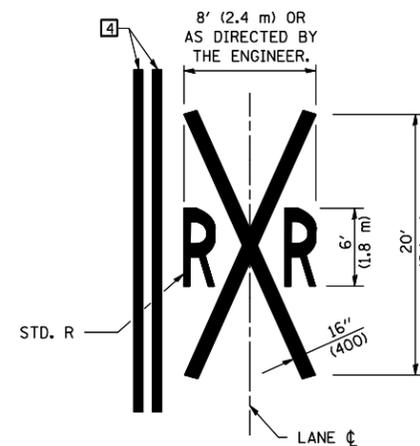
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = craige	DESIGNED -	REVISED - 11/06
cr\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

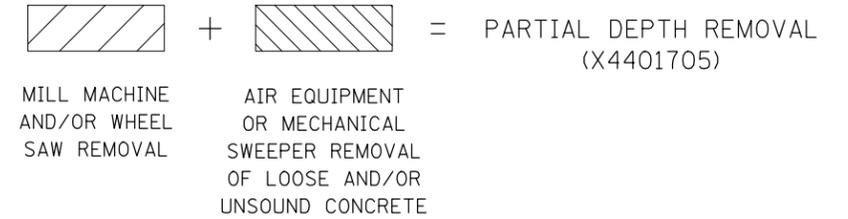
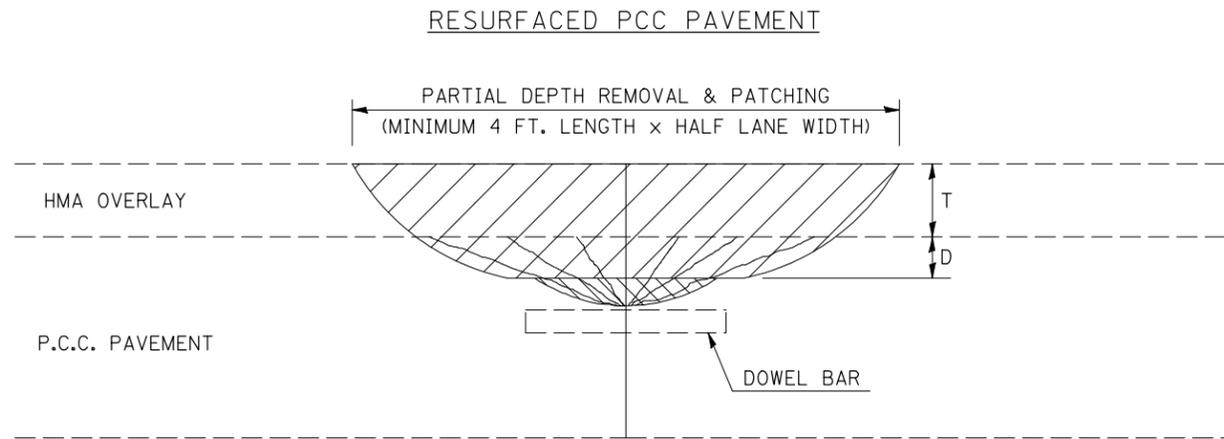
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	42
CONTRACT NO. 70516				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DESIGN NOTES

PARTIAL DEPTH HMA PATCHING SHALL NOT BE USED WHEN HMA OVERLAY THICKNESS (T) ON PCC PAVEMENT EXCEEDS 4 3/4 INCHES (145 mm) OR ON CRC PAVEMENT.

GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

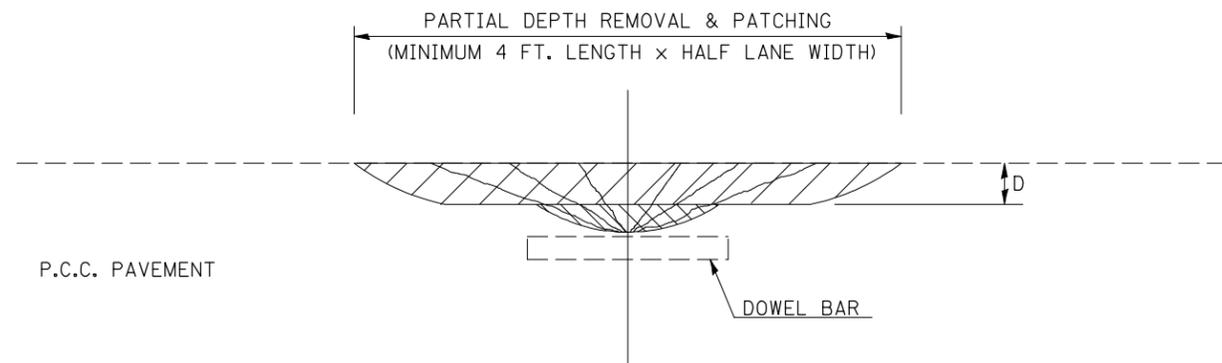
HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

BARE PCC PAVEMENT



DISTRICT 5 DETAIL NO. XX442100

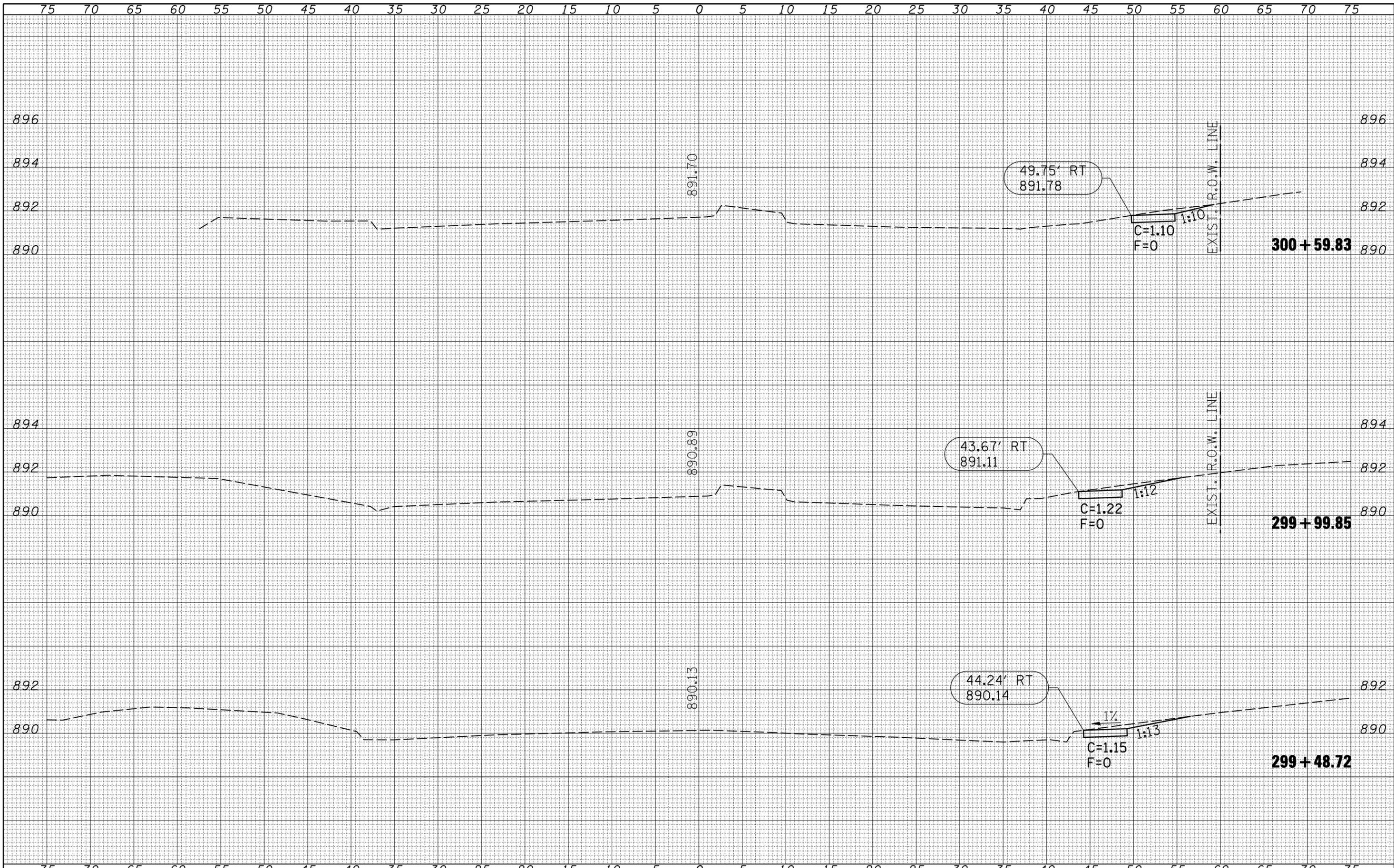
FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED - 11/06
ct:\projects\d503606 (v8)\70516-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	



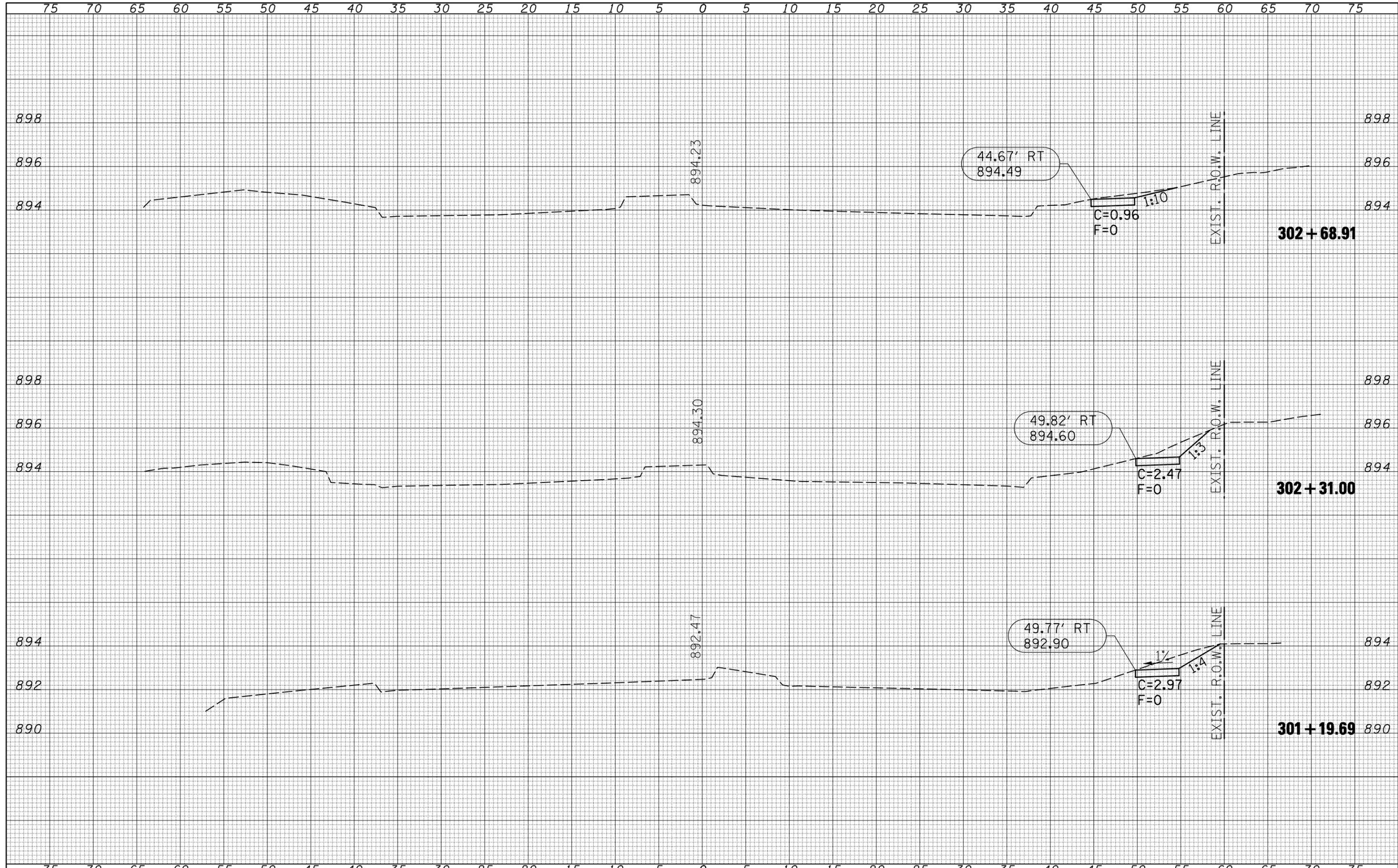
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

FILE NAME =	USER NAME = collier-bv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 51 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\d503606 (v8)\sidewalk_xs_sheets.dgn		DRAWN -	REVISED -					730	(56)RS-2	MCLEAN	51	44
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		SCALE:			CONTRACT NO. 70516				
PLOT DATE = 3/24/2008		DATE -	REVISED -		SHEET NO.	OF SHEETS	STA. 299+48.72 TO STA. 300+59.83	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

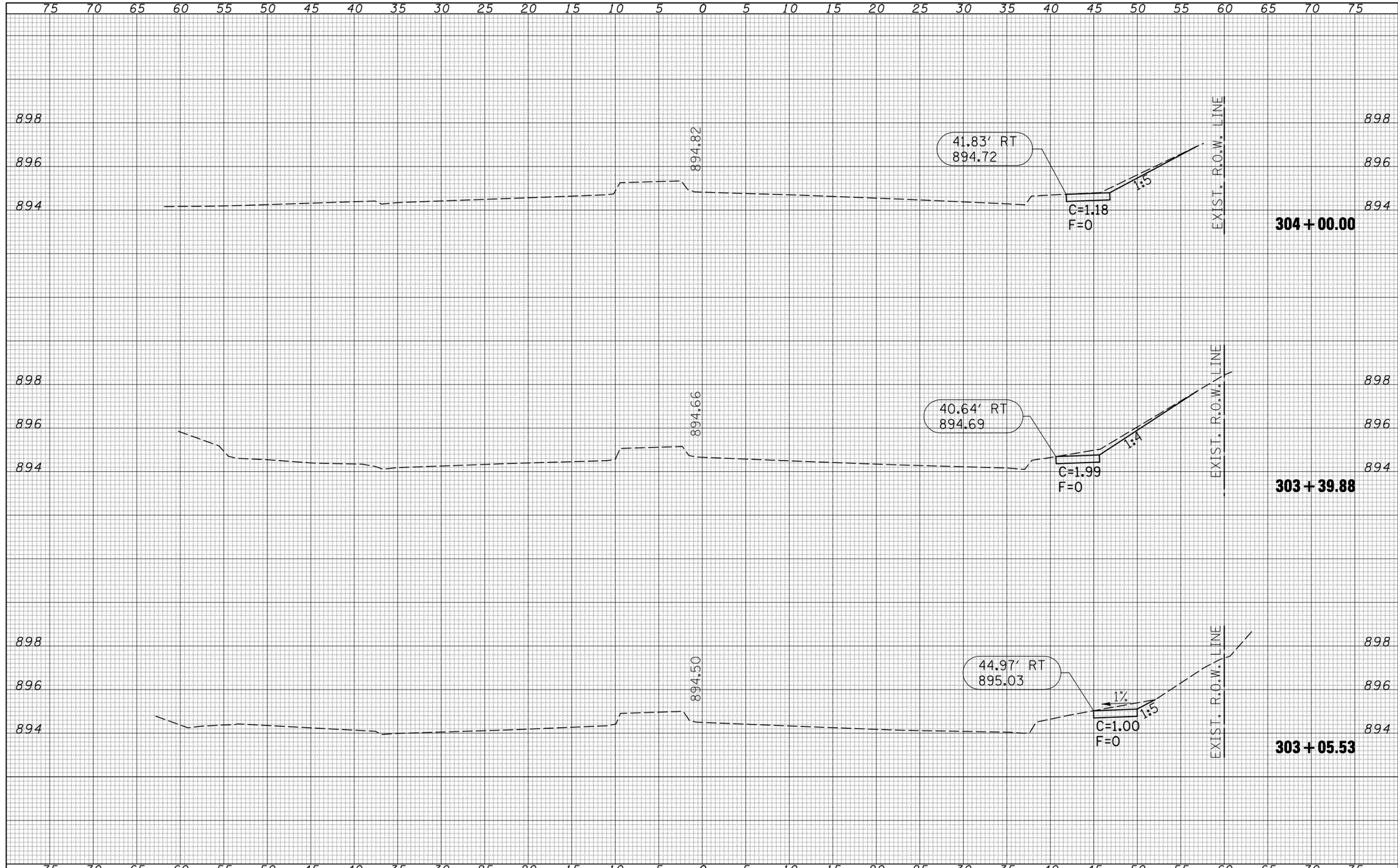
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



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

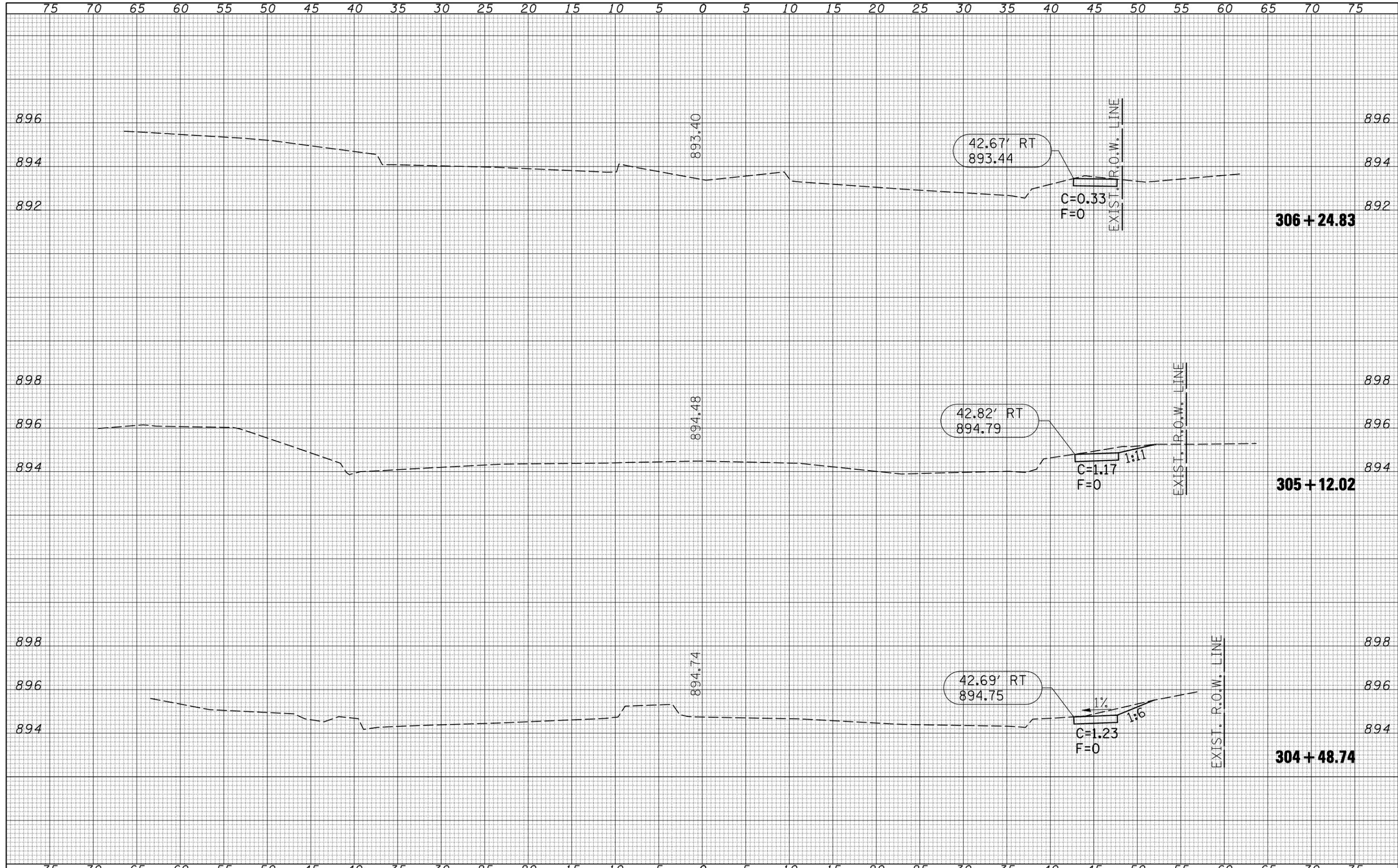
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED	
TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	



FILE NAME =	USER NAME = collier-bv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 51 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\d503606 (v8)\sidewalk_xs_sheets.dgn		DRAWN -	REVISED -					730	(56)RS-2	MCLEAN	51	46
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 303+05.53 TO STA. 304+00.00			CONTRACT NO. 70516				
PLOT DATE = 3/24/2008		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

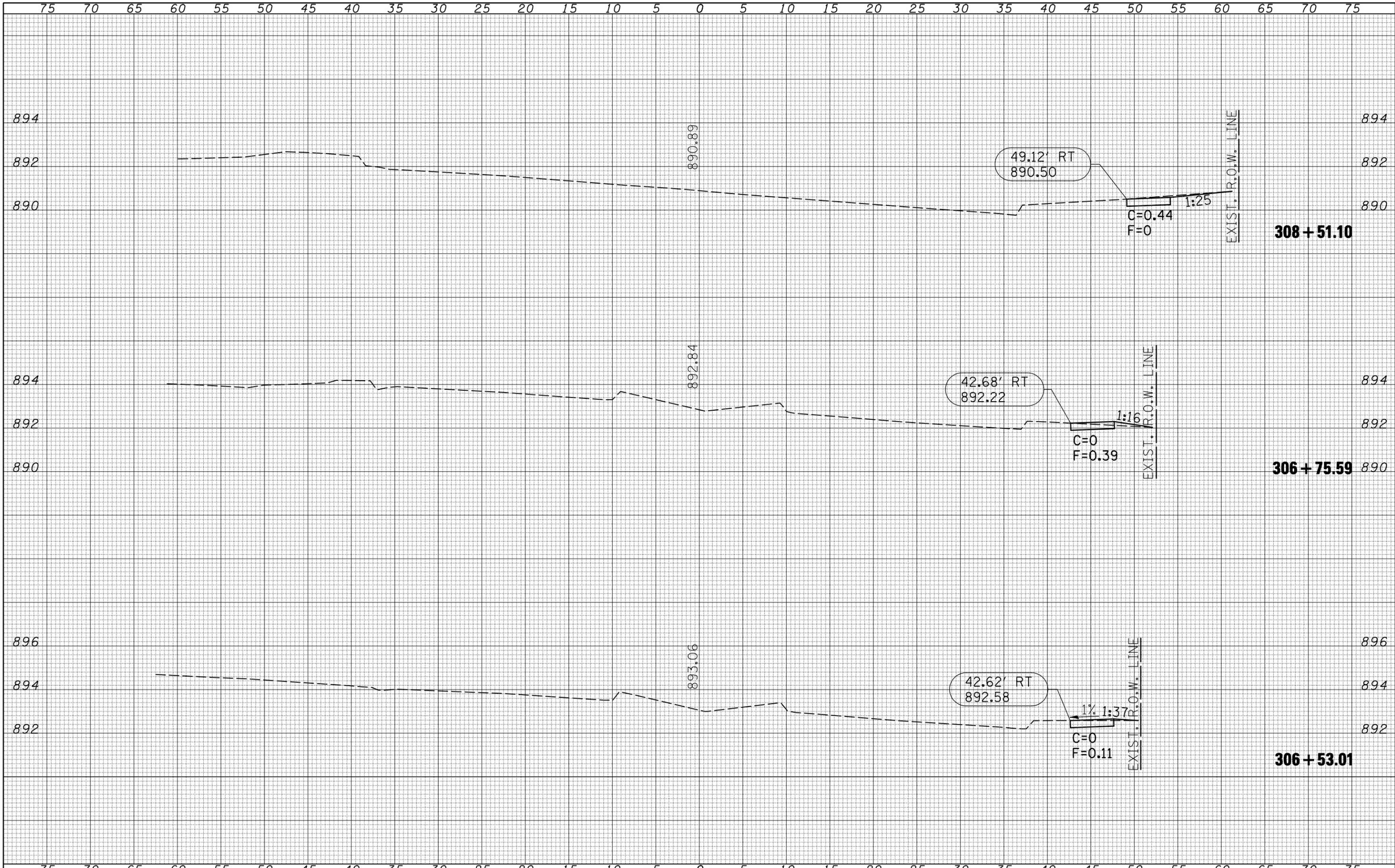
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
NO.	
FINISHED	
PLOTTED	
AREAS	
CHECKED	

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



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

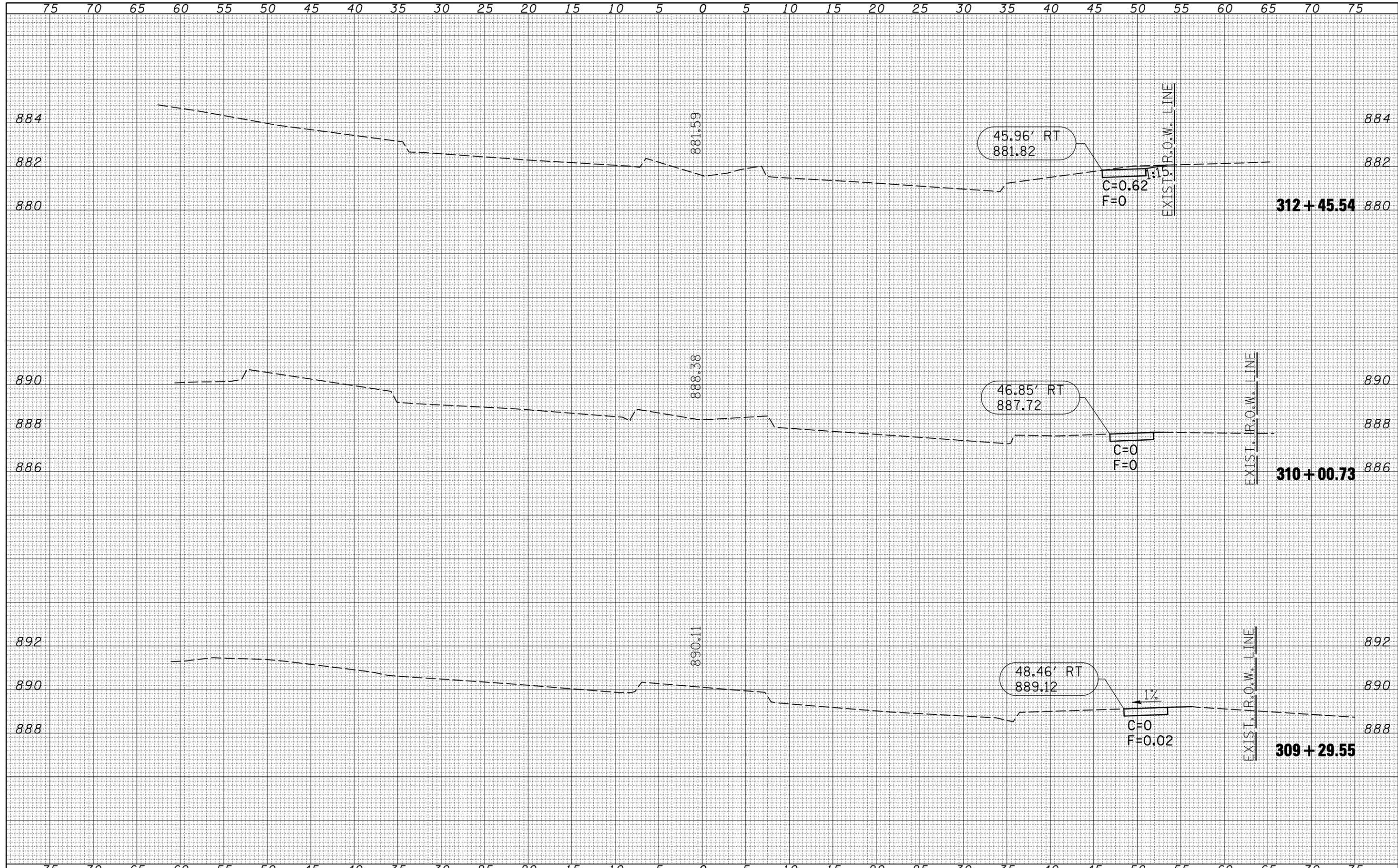
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = collier-bv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 51 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\d503606 (v8)\sidewalk_xs_sheets.dgn		DRAWN -	REVISED -		730	(56)RS-2	MCLEAN	51	48			
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 306+53.01 TO STA. 308+51.10			CONTRACT NO. 70516				
PLOT DATE = 3/24/2008		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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

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



FILE NAME = c:\projects\d503606 (v8)\sidewalk_xs_sheets.dgn

USER NAME = collier-bv
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

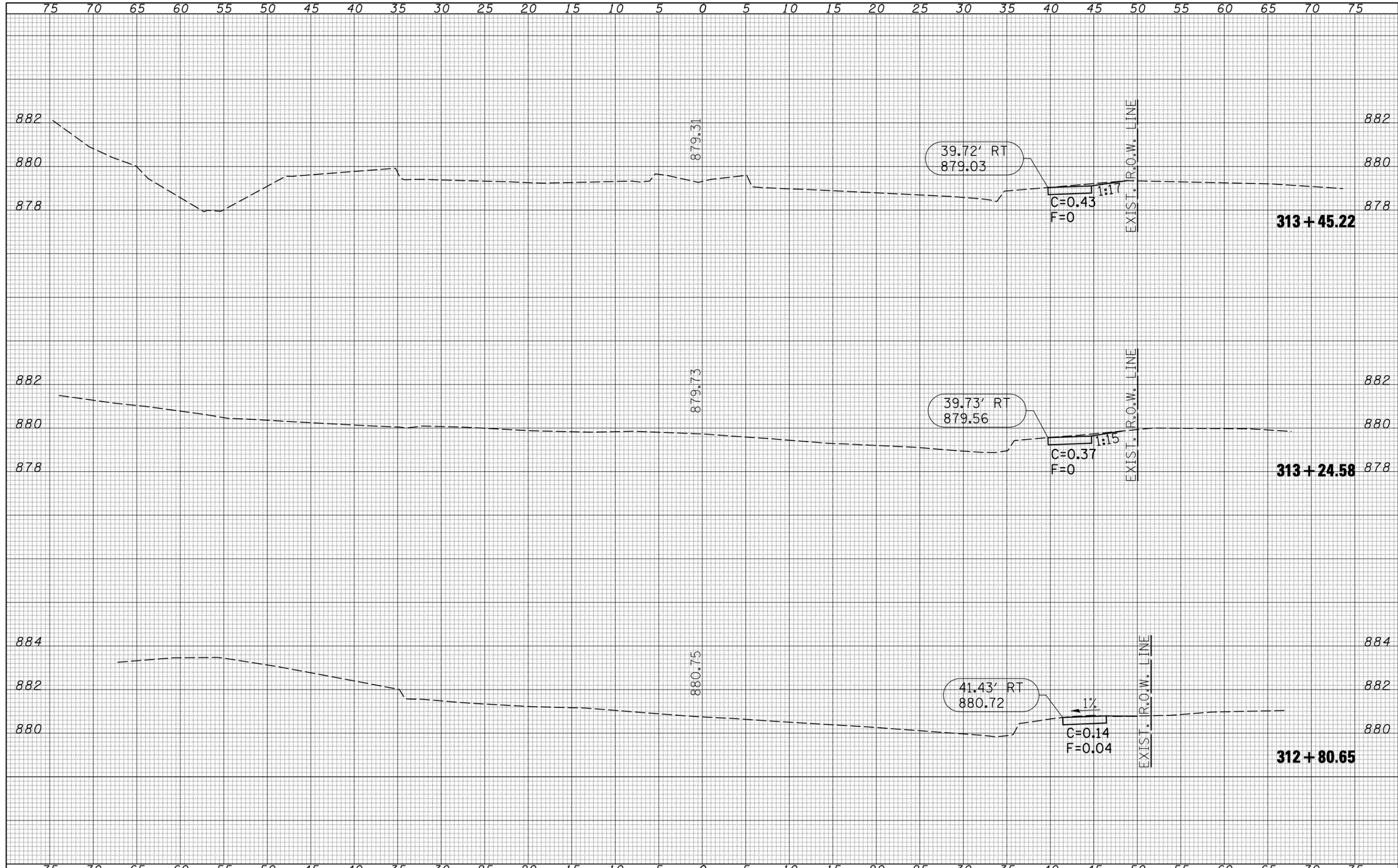
U.S. 51 CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 309+29.55 TO STA. 312+45.54

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	(56)RS-2	MCLEAN	51	49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70516	

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

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



FILE NAME = c:\projects\d503606 (v8)\sidewalk_xs_sheets.dgn	USER NAME = collier-bv	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 51 CROSS SECTIONS			F.A. RTE. 730	SECTION (56)RS-2	COUNTY MCLEAN	TOTAL SHEETS 51	SHEET NO. 50
	PLOT SCALE = 10.0000' / IN.	DRAWN -	REVISIED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 312+80.65	TO STA. 313+45.22	CONTRACT NO. 70516	
	PLOT DATE = 3/24/2008	CHECKED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISIED -									

