

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-2	CHAMPAIGN	7	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 70724		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 709 (US 136)
SECTION 113 I-2
SUNVIEW DR TO TANNER ST IN RANTOUL
CHAMPAIGN COUNTY

C-95-011-08

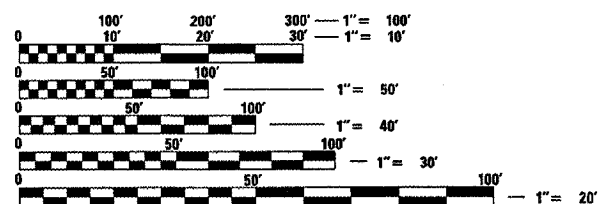
D-95-011-08



LOCATION OF SECTION INDICATED THIS: - [shaded box]

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

DESIGN DESIGNATION
12,600 (2008) OTHER PRINCIPAL ARTERIAL - N/A

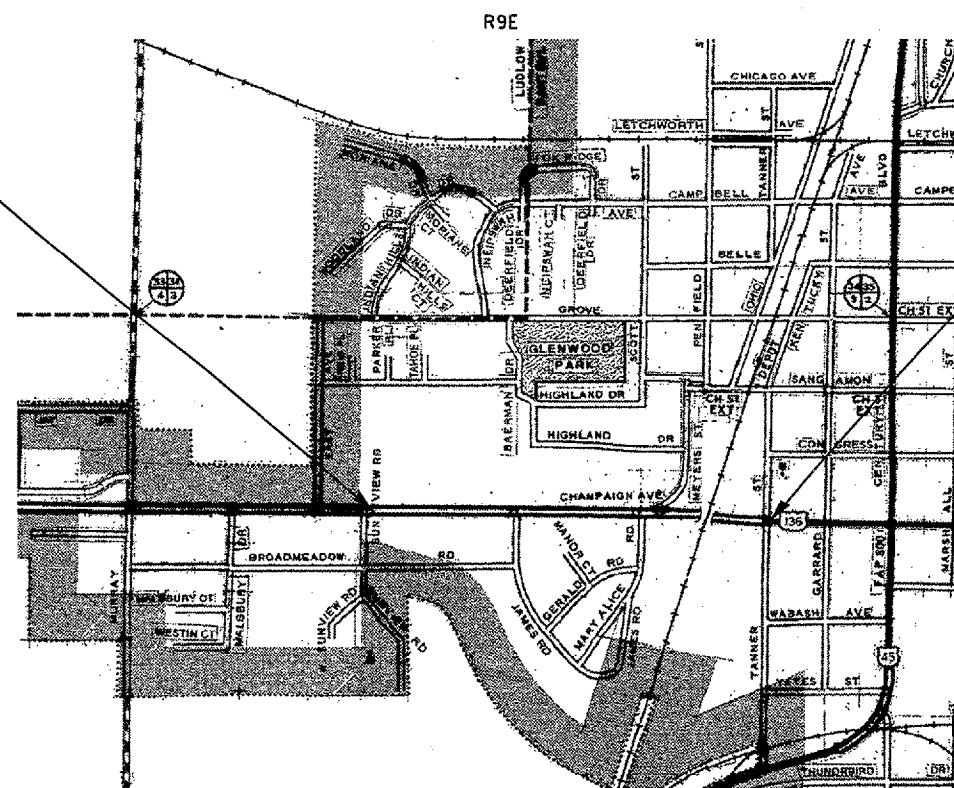


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

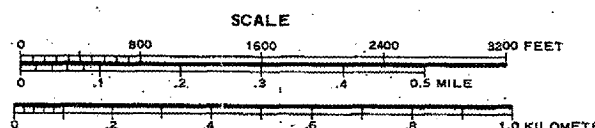
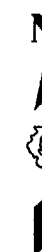
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER NANCY FASIG
PROJECT MANAGER JASON W. STULTS
(217) 465-4181
CONTRACT NO. 70724

SECTION 113 I-2
BEGINS: STATION 2270+54.60



SECTION 113 I-2
ENDS: STATION 2296+90.92



TOTAL AND NET LENGTH OF SECTION & PROJECT = 2636.32 FEET = 0.499 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 11, 2008*

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 20, 2008
Eric E. Horn
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

<u>DESCRIPTION</u>	<u>SHEET NO.</u>
COVER SHEET	1
INDEX OF SHEETS / HIGHWAY STANDARDS	2
GENERAL NOTES	3
SUMMARY OF QUANTITIES	4
EXISTING TYPICAL CROSS SECTIONS	5
SCHEDULE OF QUANTITIES	6, 7

HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT
001006	DECIMAL OF AN INCH AND A FOOT
420001-07	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
701602-03	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901	TRAFFIC CONTROL DEVICES

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.-406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	US 136	US 136
MIXTURE USE(S):	BOTTOM 8" OF 10" CLASS D PATCH	TOP 2" OF 10" CLASS D PATCH
AC/PG:	PG 64-22	PF 64-22
RAP %: (MAX)	10	10
DESIGN AIR VOIDS:	4.0%@NDES=90	4.0%@NDES=90
MIX COMPOSITION: (GRADATION)	IL 19.0	IL 9.5
FRICTION AGGREGATE:	N/A	MIX D

G.N.-440B

THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTER 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.

NO COMMITMENTS

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.-442(SPL)

IT IS NOT THE INTENT OF THE DISTRICT TO DISTURB ANY EXISTING DETECTOR LOOPS WITHIN THE PROPOSED SECTION. IF AN EXISTING DETECTOR LOOP IS IN CONFLICT WITH A PROPOSED PATCH LOCATION, THAT LOCATION SHALL BE DELETED FROM THE PLANS OR MOVED TO NOT INTERFERE WITH THE EXISTING DETECTOR LOOP.

FILE NAME =	USER NAME = collierb-	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\stults\spring_road_repair_2008 *1.dgn		DRAWN - ---	REVISED - ---			709	113_1:2	CHAMPAIGN	7	3
	PLOT SCALE = 48.0000 / IN.	CHECKED - ---	REVISED - ---							
	PLOT DATE = 3/11/2008	DATE - ---	REVISED - ---		SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
									CONTRACT NO. 70724	

SUMMARY OF QUANTITIES

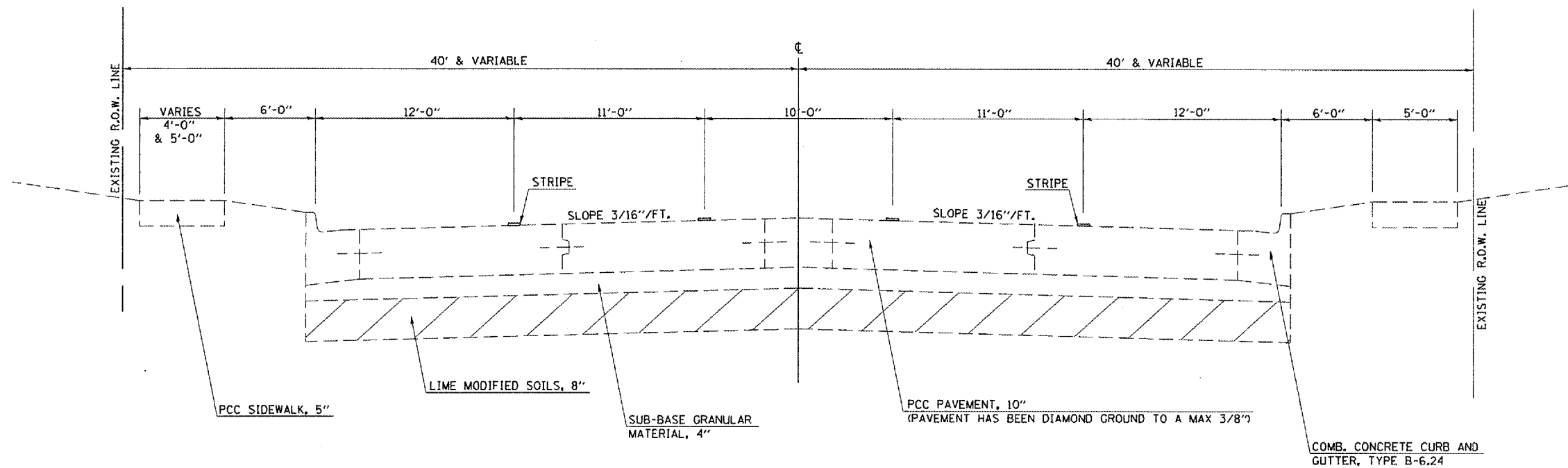
LOCATION OF WORK: FAP 709 (US 136)
 STA. 2270+54.60
 TO
 STA. 2296+90.92
 CHAMPAIGN COUNTY
 URBAN
 100% STATE

CONSTRUCTION TYPE CODE: J000
 TOTAL
 QUANTITY

CODE NO	ITEM	UNIT	TOTAL QUANTITY
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	275.0
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	20.0
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	13.0
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	24.0
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	41.0
44213200	SAW CUTS	FOOT	1,518.0
67100100	MOBILIZATION	L SUM	1.0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6.0
Z0017100	DOWEL BARS	EACH	500.0

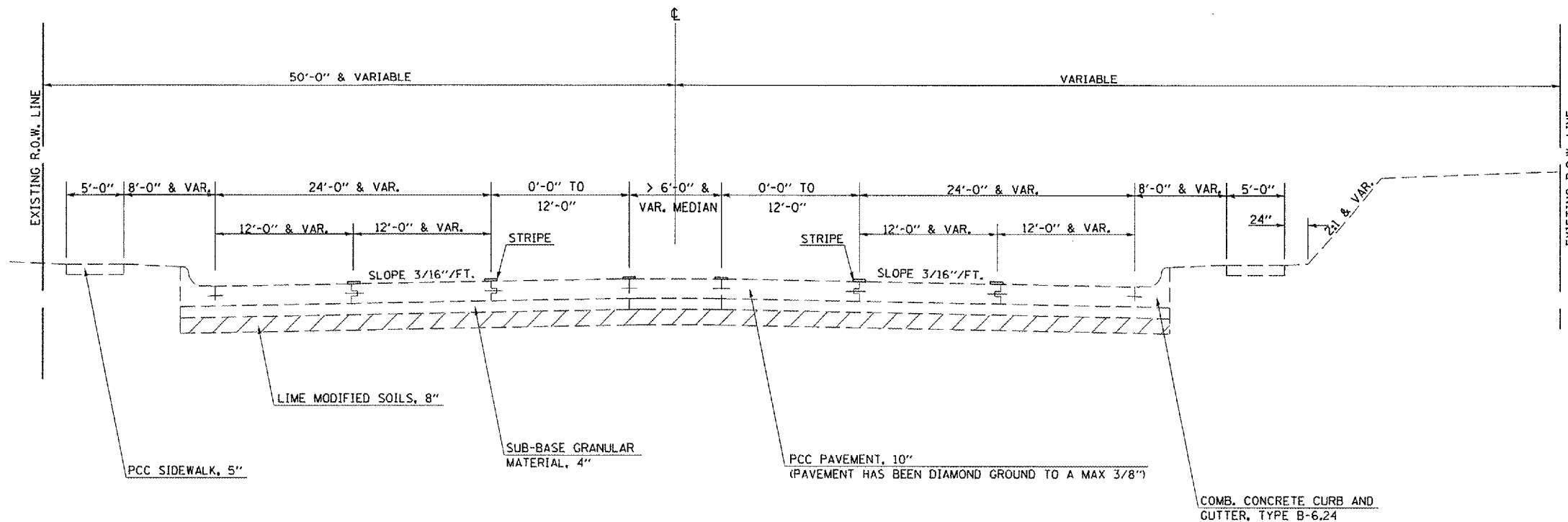
EXISTING TYPICAL CROSS SECTION ①

STATION 2270+54.60 TO STATION 2286+79.35 ②



EXISTING TYPICAL CROSS SECTION ②

① STATION 2286+79.35 TO STATION 2296+90.92



FILE NAME :	USER NAME : collierbw	DESIGNED : ---	REVISED : ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS	F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\projects\stults\spring road repair 2008	*1.dgn	DRAWN : ---	REVISED : ---			109	113 1-2	CHAMPAIGN	7	5	
PLOT SCALE : 40.0000 / IN.		CHECKED : ---	REVISED : ---			CONTRACT NO. 70724					
PLOT DATE : 3/11/2008		DATE : ---	REVISED : ---			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

SUMMARY OF QUANTITIES

CLASS B PATCHES

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	PATCH AREA				DOWEL BARS 20017100 (each)	SAW CUTS 44213200 (ft)	TIE BARS (each)	PAVEMENT FABRIC (sq. yd)
					TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)				
2271+00.00	EASTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2272+00.00	EASTBOUND	DRIVING	9	12	0.0	12.0	0.0	0.0	20	63.0	0	0.0
2273+00.00	EASTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2275+00.00	EASTBOUND	PASSING	9	12	0.0	12.0	0.0	0.0	20	63.0	0	0.0
2276+00.00	EASTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2277+00.00	EASTBOUND	DRIVING	9	12	0.0	12.0	0.0	0.0	20	63.0	0	0.0
2279+00.00	EASTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2280+00.00	EASTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2280+00.00	EASTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2284+00.00	EASTBOUND	DRIVING	10	12	0.0	13.3	0.0	0.0	20	66.0	0	0.0
2285+00.00	EASTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2294+00.00	EASTBOUND	TURN	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2295+00.00	EASTBOUND	TURN	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2271+00.00	WESTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2272+00.00	WESTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2274+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2275+00.00	WESTBOUND	DRIVING	9	12	0.0	12.0	0.0	0.0	20	63.0	0	0.0
2286+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2287+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2288+00.00	WESTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2288+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2288+70.00	WESTBOUND	DRIVING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2289+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2290+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
2292+00.00	WESTBOUND	PASSING	8	12	0.0	10.7	0.0	0.0	20	60.0	0	0.0
SHEET TOTALS					0.0	274.7	0.0	0.0	500.0	1518.0	0.0	0.0
					(sq. yd)	(sq. yd)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)
					0.0	275.0	0.0	0.0	500.0	1518.0	0.0	0.0
FINAL TOTALS					(sq. yd)	(sq. yd)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)

SUMMARY OF QUANTITIES

CLASS D PATCHES

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	DEPTH (inch)	PATCH AREA			
						TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)
2279+92.00	EASTBOUND	CENTERLINE	7	4	10	3.1	0.0	0.0	0.0
2280+07.00	EASTBOUND	CENTERLINE	7	5	10	3.9	0.0	0.0	0.0
2290+90.00	EASTBOUND	CENTERLINE	9	4	10	4.0	0.0	0.0	0.0
2291+08.00	EASTBOUND	CENTERLINE	7	4	10	3.1	0.0	0.0	0.0
2291+70.00	EASTBOUND	CENTERLINE	29	4	10	0.0	12.9	0.0	0.0
2292+07.00	EASTBOUND	CENTERLINE	92	4	10	0.0	0.0	0.0	40.9
2293+07.00	EASTBOUND	CENTERLINE	54	4	10	0.0	0.0	24.0	0.0
2286+92.00	WESTBOUND	CENTERLINE	7	4	10	3.1	0.0	0.0	0.0
2289+94.00	WESTBOUND	CENTERLINE	5	4	10	2.2	0.0	0.0	0.0
SHEET TOTALS						19.4 (sq. yd)	12.9 (sq. yd)	24.0 (sq. yd)	40.9 (sq. yd)

PATCH AREA			
TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)
20.0 (sq. yd)	13.0 (sq. yd)	24.0 (sq. yd)	41.0 (sq. yd)
FINAL TOTALS			