

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	1

* (47Z-3)RS-1 & (52CS,48Z-1)RS-3

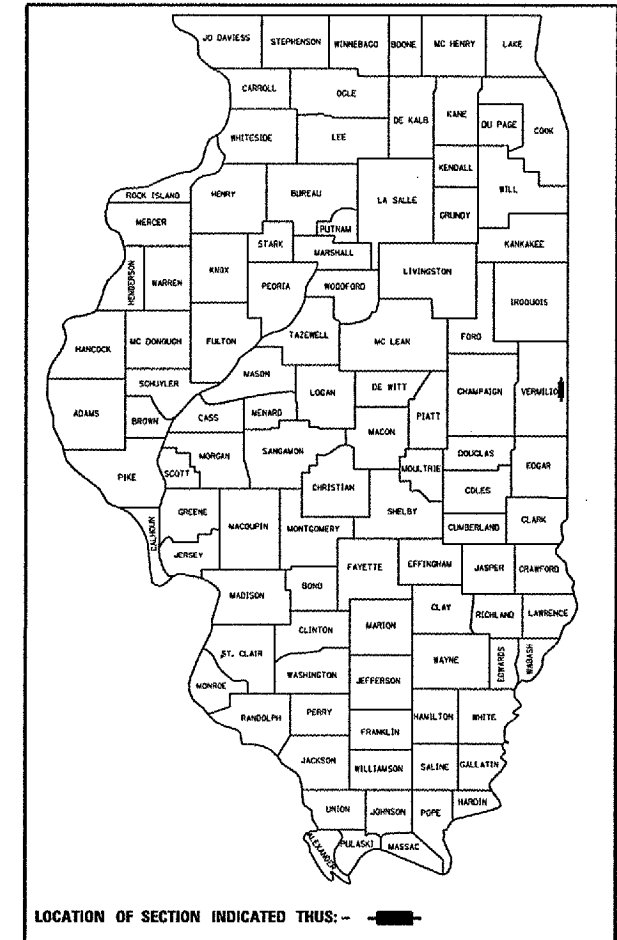
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 332 (US 136 / IL 1)
SECTION (47Z-3)RS-1 & (52CS,48Z-1)RS-3
PROJECT
VERMILION COUNTY

C-95-063-01
RESURFACING (SMART) FROM WINTER AVE. TO MAIN ST. IN DANVILLE

D-95-038-01



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 5

DESIGNER: RYAN CARROLL (217)465-4181

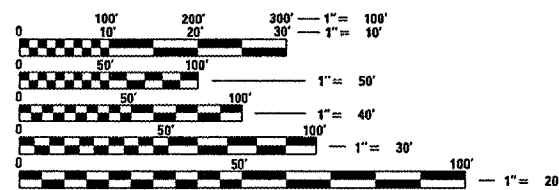
PROJECT ENGINEER: KENSIL GARNETT

PROJECT ENGINEER: KENSIL GARNETT

SQUAD LEADER: CORY SHEEHY

CURRENT ADT:
FAP 332 (US 136 / ILL 1)
ADT: 21,000 (2003)
FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL

DESIGN DESIGNATION
N/A

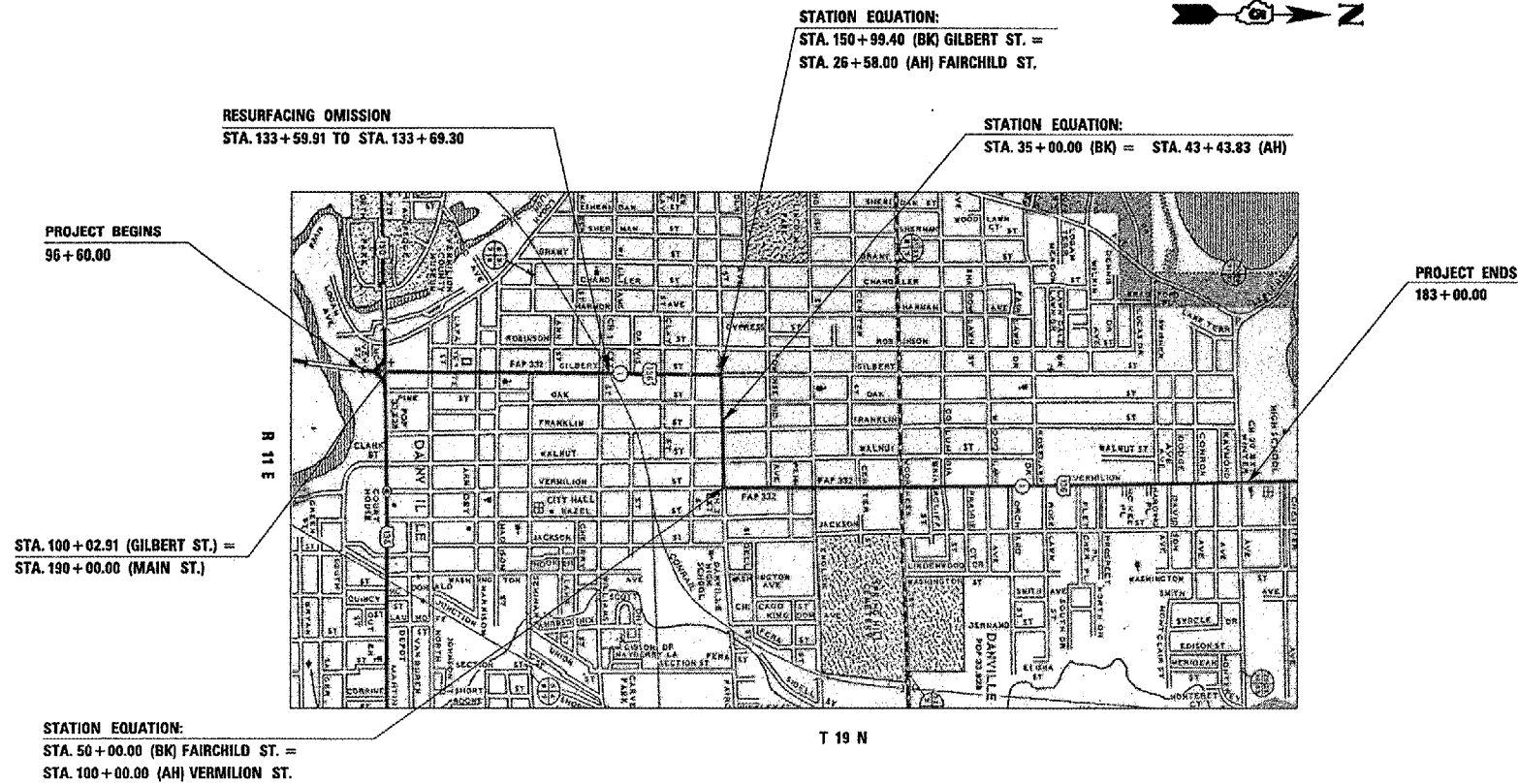


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 DANVILLE & NEWELL TOWNSHIPS

CONTRACT NO. 70185

F.A.P. ROUTE 332 SECTION (47Z-3)RS-1 & (52CS,48Z-1)RS-3 VERMILION COUNTY



TOTAL LENGTH OF SECTION & PROJECT = 15,237.57 FEET = 2.886 MILES
NET LENGTH OF SECTION & PROJECT = 15,228.18 FEET = 2.884 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Marcy 22 2007*

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

May 11, 2007
Eric E. Horn
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2007
Michael R. Sees P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	2

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3

INDEX OF SHEETS

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LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-02	CLASS C & D PATCHES
604051-02	FRAME AND GRATE, TYPE 11
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS
701602-02	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	3

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3

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.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. Gale Free
Roadmaster
CSX Transportation
564 CSX Lane
Danville, IL 61834
(217) 442-0126

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

David Clifford
CSX Transportation
1700 West 167th Street
Calumet City, IL 60409
708-832-2170

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.-406.10
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.-406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	FAP 332 (US 136 / IL 1) Main St. to Winter Ave. in Danville		
Mixture Use(s):	Poly Surface	Class D Patch	Incidental and PD Patch
AC/PG:	SBS PG 70-22	PG 64-22	PG 64-22
RAP %: (Max)**	10%	10%	10%
Design Air Voids:	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate:	Mix F *	N.A.	Mix C

*The Polymer Surface Mix F has been calculated at 120lbs/yd²/in. thickness.

G.N.-408B

THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED,

AT THE FOLLOWING LOCATIONS:

ENGLISH STREET
VORHEES AVENUE
WINTER AVENUE

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).

G.N.-873

EXISTING DETECTOR LOOPS IN THE AREAS OF PROPOSED SURFACE REMOVAL SHALL BE REPLACED PER THE EXISTING LOCATIONS EXCEPT AS NOTED IN THE PLANS. EXISTING DETECTOR LOOPS SHALL BE DISCONNECTED AT THE GULFBOX JUNCTION OR HANDHOLE PRIOR TO COLD MILLING AT THAT RESPECTIVE LOCATION. NEW DETECTOR LOOPS SHALL BE CONNECTED TO THE RESPECTIVE EXISTING AMPLIFIER. IN GENERAL, ADVANCED DETECTOR LOOPS FOR DILEMMA ZONE PROTECTION LOCATED AT THE SAME STATION SHALL BE GROUPED TOGETHER ON A COMMON AMPLIFIER. PRESENCE LOOPS SHALL BE GROUPED BY LANE ON A COMMON AMPLIFIER. DETECTOR LOOPS SHALL BE WIRED IN SERIES PER THE DETAIL SHOWN IN THE PLANS.

WHERE IT IS NECESSARY TO INSTALL MORE THAN ONE LOOP LEAD-IN IN A CONDUIT; LEAD-INS SHARING THE SAME CONDUIT SHALL BE ON A COMMON AMPLIFIER.

G.N.-1004.01

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	4

• (47Z-3)RS-1 & (52CS,4BZ-1)RS-3

SUMMARY OF QUANTITIES

URBAN
 STA. 96+60 to 183+00
 80% FED.
 20% STATE
 CONSTRUCTION CODE: 1000-2A

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	9,783.0
40600300	AGGREGATE (PRIME COAT)	TON	196.0
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	5.0
40600895	CONSTRUCTING TEST STRIP	EACH	1.0
40600990	TEMPORARY RAMP	SQ YD	378.0
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	8,805.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	157.0
40800030	AGGREGATE (PRIME COAT)	TON	3.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	132.0
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	97,823.0
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	1,571.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	19.0
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	127.0
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	17.0
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	200.0
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	134.0
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	27.0
44201899	CLASS D PATCHES, TYPE II, 21 INCH	SQ YD	14.0
44201905	CLASS D PATCHES, TYPE IV, 21 INCH	SQ YD	107.0
60255500	MANHOLES TO BE ADJUSTED	EACH	23.0
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	6.0
60261325	INLETS TO BE ADJUSTED WITH NEW TYPE 11 GRATE	EACH	1.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	19.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4.0
67100100	MOBILIZATION	L SUM	1.0

*SPECIALTY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	5

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3

SUMMARY OF QUANTITIES

URBAN
 STA. 96+60 to 183+00
 80% FED.
 20% STATE
 CONSTRUCTION CODE: I000-2A

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	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
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17,982.0
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,787.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	40,384.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5,708.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	585.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1,404.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5,934.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,787.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40,384.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,708.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	585.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,366.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,227.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	502.0
* 88600100	DETECTOR LOOP, TYPE I	FOOT	7,807.0
X4401705	PARTIAL DEPTH REMOVAL	SQ YD	477.0
X4421000	PARTIAL DEPTH PATCHING	TON	151.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28.0
Z0010900	COLD MILLING (SPECIAL)	FOOT	3,447.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	2.0

*SPECIALTY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	6

(47Z-3)RS-1 & (52CS,48Z-1)RS-3

SCHEDULE OF QUANTITIES

TABULATION OF MAINLINE RESURFACING QUANTITIES									
LOCATION	AVERAGE TOTAL ROADWAY WIDTH	LENGTH	AREA	44000154	40600100	40600300	40603595		
				HMA SURFACE REMOVAL	BITUMINOUS MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	POLYMERIZED HMA SURFACE CSE MIX "F", N90		
				1.25 IN	TON	TON	TON		
	FOOT	FOOT	SQ YD	SQ YD	TON	TON	TON		
GILBERT ST./MAIN ST.			9658.2	9658.2	965.8	19.3	869.2		
STA. 103 + 20 TO 133 + 60	54.00	3039.9	18239.5	18239.5	1823.9	36.5	1641.8		
RAILROAD OMISSION									
STA. 133 + 69 TO 146 + 50	54.00	1280.7	7684.2	7684.2	768.4	15.4	691.6		
STA. 146 + 50 TO 148 + 25	52.50	175.0	1020.8	1020.8	102.1	2.0	91.9		
GILBERT ST./FAIRCHILD ST.			4271.4	4271.4	427.1	8.5	384.4		
STA. 29 + 32 TO 35 + 00	57.00	568.0	3597.3	3597.3	359.7	7.2	323.8		
STATI 0 + 00 TO 0 + 00									
STA. 43 + 44 TO 47 + 09	56.00	365.3	2272.9	2272.9	227.3	4.5	204.6		
FAIRCHILD ST./VERMILION ST.			4714.3	4714.3	471.4	9.4	424.3		
STA. 102 + 54 TO 124 + 63	55.00	2209.4	13502.0	13502.0	1350.2	27.0	1215.2		
STA. 124 + 63 TO 127 + 60	55.00	296.9	1814.4	1814.4	181.4	3.6	163.3		
STA. 127 + 60 TO 129 + 16	51.50	156.1	893.2	893.2	89.3	1.8	80.4		
STA. 129 + 16 TO 174 + 00	48.00	4483.9	23914.1	23914.1	2391.4	47.8	2152.3		
STA. 174 + 00 TO 174 + 98	52.00	98.0	566.2	566.2	56.6	1.1	51.0		
STA. 174 + 98 TO 175 + 25	56.00	27.0	168.0	168.0	16.8	0.3	15.1		
WINTER AVE./VERMILION ST.			3882.1	3882.1	388.2	7.8	349.4		
STA. 180 + 39 TO 183 + 00	56.00	261.0	1624.0	1624.0	162.4	3.2	146.2		
			GRAND-TOTALS =	97,822.5	9,782.3	195.6	8,804		
			USE	97823.0	9783.0	196.0	8805.0		

TABULATION OF INCIDENTAL RESURFACING QUANTITIES				
LOCATION	44000196	40800010	40800030	40800050
	HMA SURFACE REMOVAL SPECIAL	BITUMINOUS MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	INCIDENTAL HMA SURFACING
	SQ YD	GALLONS	TON	TON
ENGLISH ST. (EAST)	250.50	25.05	0.50	21.04
ENGLISH ST. (WEST)	179.30	17.93	0.36	15.06
VORHEES ST. (EAST)	406.59	40.66	0.81	34.15
VORHEES ST. (WEST)	353.64	35.36	0.71	29.71
WINTER AVE. (WEST)	381.00	38.10	0.76	32.00
	GRAND-TOTALS =	1,571.0	157.1	132.0
	USE	1,571.0	157.0	132.0

40600900 TEMPORARY RAMPS	
LOCATION	SQ YD
S. GILBERT ST.	45.4
E. MAIN	32.2
W. MAIN	31.1
W. FAIRCHILD	30.6
N. GILBERT	28.9
S. VERMILION	32.8
E. FAIRCHILD	31.7
E. WINTER	72.9
W. WINTER	71.6
TOTAL =	377.2
USE =	378.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	7

SCHEDULE OF QUANTITIES

CLASS D PATCHING SCHEDULE								
STATION	DIRECTION	LANE	LENGTH	WIDTH	DEPTH	TYPE II	TYPE III	TYPE IV
						12"	12"	12"
			(FT)	(FT)	(IN)	44201789	44201794	44201796
						(SQ YD)	(SQ YD)	(SQ YD)
GILBERT ST.								
96+72.5*	SB	DL	25	12	12	0.0	0.0	33.3
96+72.5*	SB	PL	25	12	12	0.0	0.0	33.3
96+72.5*		TWLTL	25	12	12	0.0	0.0	33.3
96+72.5*	NB	DL	25	12	12	0.0	0.0	33.3
96+72.5*	NB	PL	25	12	12	0.0	0.0	33.3
96+72.5*	NB	RT TURN LN	25	12	12	0.0	0.0	33.3
103+69.0	SB	DL	6	12	12	8.0	0.0	0.0
103+69.0	SB	PL	6	12	12	8.0	0.0	0.0
103+69.0		TWLTL	6	12	12	8.0	0.0	0.0
103+69.0	NB	PL	6	12	12	8.0	0.0	0.0
103+69.0	NB	DL	6	12	12	8.0	0.0	0.0
124+59.0	SB	PL	4	12	12	5.3	0.0	0.0
139+67.0	SB	DL	4	12	12	5.3	0.0	0.0
139+67.0	SB	PL	4	12	12	5.3	0.0	0.0
139+67.0		TWLTL	4	12	12	5.3	0.0	0.0
139+67.0	NB	PL	4	12	12	5.3	0.0	0.0
139+67.0	NB	DL	4	12	12	5.3	0.0	0.0
148+72.0	SB	DL	6	12	12	8.0	0.0	0.0
148+72.0	SB	PL	6	12	12	8.0	0.0	0.0
148+72.0		TWLTL	6	12	12	8.0	0.0	0.0
148+72.0	NB	PL	6	12	12	8.0	0.0	0.0
148+72.0	NB	DL	6	12	12	8.0	0.0	0.0
VERMILION ST.								
176+06.0	NB	DL	6	22	12	14.7	0.0	0.0
MAIN ST.						0.0	0.0	0.0
100+75.47	WB	MEDIAN	6	25	12	0.0	16.7	0.0
TOTALS						126.7	16.7	200.0
						(SQ YD)	(SQ YD)	(SQ YD)
USE						127.0	17.0	200.0
						(SQ YD)	(SQ YD)	(SQ YD)

CLASS D PATCHING SCHEDULE						
STATION	DIRECTION	LANE	LENGTH	WIDTH	DEPTH	TYPE II
						18"
			(FT)	(FT)	(IN)	44201863
						(SQ YD)
VERMILION ST.						
144+79.0	NB	DL	12	8	18	10.7
169+32.0	NB	DL	6	12	18	8.0
169+63.0	SB	DL	6	12	18	8.0
TOTALS						26.7
						(SQ YD)
USE						27.0
						(SQ YD)

CLASS D PATCHING SCHEDULE							
STATION	DIRECTION	LANE	LENGTH	WIDTH	DEPTH	PATCH AREA	
						TYPE II 21"	TYPE IV 21"
			(FT)	(FT)	(IN)	44201899	44201905
						(SQ YD)	(SQ YD)
VERMILION ST.							
117+34.0	NB	DL	20	6	21	13.3	0.0
120+50.0	NB	DL	60	12	21	0.0	80.0
123+12.0	NB	DL	20	12	21	0.0	26.7
TOTALS						13.3	106.7
						(SQ YD)	(SQ YD)
USE						14.0	107.0
						(SQ YD)	(SQ YD)

CLASS D PATCHING SCHEDULE						
STATION	DIRECTION	LANE	LENGTH	WIDTH	DEPTH	TYPE IV
						14"
			(FT)	(FT)	(IN)	44201821
						(SQ YD)
VERMILION ST.						
124+85.0	SB	DL	100	6	14	66.7
124+85.0	NB	DL	100	6	14	66.7
TOTALS						133.3
						(SQ YD)
USE						134.0
						(SQ YD)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	8

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3

SCHEDULE OF QUANTITES

PARTIAL DEPTH PATCHING SCHEDULE							
STATION	DIRECTION	LANE	LENGTH	WIDTH	EXISTING OVERLAY THICKNESS (4 3/4" or less)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TONS)
			(FT)	(FT)	(IN)		
GILBERT ST.							
100+71.0	SB	DL	6	12	2.5	8.0	2.5
100+71.0	SB	PL	6	12	2.5	8.0	2.5
100+71.0		TWLTL	6	12	2.5	8.0	2.5
100+71.0	NB	PL	6	12	2.5	8.0	2.5
100+71.0	NB	DL	6	12	2.5	8.0	2.5
101+71.0	SB	DL	6	12	2.5	8.0	2.5
101+71.0	SB	PL	6	12	2.5	8.0	2.5
101+71.0		TWLTL	6	12	2.5	8.0	2.5
101+71.0	NB	PL	6	12	2.5	8.0	2.5
101+71.0	NB	DL	6	12	2.5	8.0	2.5
115+88.0	SB	DL	4	12	2.5	5.3	1.6
115+88.0	SB	PL	4	12	2.5	5.3	1.6
115+88.0		TWLTL	4	12	2.5	5.3	1.6
115+88.0	NB	PL	4	12	2.5	5.3	1.6
115+88.0	NB	DL	4	12	2.5	5.3	1.6
130+57.0	NB	PL	4	12	2.5	5.3	1.6
134+64.0	SB	DL	4	12	2.5	5.3	1.6
134+64.0	SB	PL	4	12	2.5	5.3	1.6
134+64.0		TWLTL	4	12	2.5	5.3	1.6
134+64.0	NB	PL	4	12	2.5	5.3	1.6
134+64.0	NB	DL	4	12	2.5	5.3	1.6
136+66.0	SB	DL	4	12	2.5	5.3	1.6
136+66.0	SB	PL	4	12	2.5	5.3	1.6
136+66.0		TWLTL	4	12	2.5	5.3	1.6
136+66.0	NB	PL	4	12	2.5	5.3	1.6
136+66.0	NB	DL	4	12	2.5	5.3	1.6
137+67.0	SB	DL	4	12	2.5	5.3	1.6
137+67.0	SB	PL	4	12	2.5	5.3	1.6
137+67.0		TWLTL	4	12	2.5	5.3	1.6
137+67.0	NB	PL	4	12	2.5	5.3	1.6
TOTALS						186.7	57.5
						(SQ YD)	(TONS)

PARTIAL DEPTH PATCHING SCHEDULE							
STATION	DIRECTION	LANE	LENGTH	WIDTH	EXISTING OVERLAY THICKNESS (4 3/4" or less)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	PARTIAL DEPTH PATCHING X4421000 (TONS)
			(FT)	(FT)	(IN)		
137+67.0	NB	DL	4	12	2.5	5.3	1.6
140+67.0	SB	DL	4	12	2.5	5.3	1.6
140+67.0	SB	PL	4	12	2.5	5.3	1.6
140+67.0		TWLTL	4	12	2.5	5.3	1.6
140+67.0	NB	PL	4	12	2.5	5.3	1.6
140+67.0	NB	DL	4	12	2.5	5.3	1.6
142+67.0	SB	DL	4	12	2.5	5.3	1.6
142+67.0	SB	PL	4	12	2.5	5.3	1.6
142+67.0		TWLTL	4	12	2.5	5.3	1.6
142+67.0	NB	PL	4	12	2.5	5.3	1.6
142+67.0	NB	DL	4	12	2.5	5.3	1.6
143+69.0	SB	DL	4	12	2.5	5.3	1.6
143+69.0	SB	PL	4	12	2.5	5.3	1.6
143+69.0		TWLTL	4	12	2.5	5.3	1.6
143+69.0	NB	PL	4	12	2.5	5.3	1.6
143+69.0	NB	DL	4	12	2.5	5.3	1.6
145+69.0	SB	DL	4	12	2.5	5.3	1.6
145+69.0	SB	PL	4	12	2.5	5.3	1.6
145+69.0		TWLTL	4	12	2.5	5.3	1.6
145+69.0	NB	PL	4	12	2.5	5.3	1.6
145+69.0	NB	DL	4	12	2.5	5.3	1.6
146+71.0	SB	DL	4	12	2.5	5.3	1.6
146+71.0	SB	PL	4	12	2.5	5.3	1.6
146+71.0		TWLTL	4	12	2.5	5.3	1.6
146+71.0	NB	PL	4	12	2.5	5.3	1.6
146+71.0	NB	DL	4	12	2.5	5.3	1.6
VERMILION ST.						0.0	0.0
103+74.00**	SB	DL	6	12	3.0	8.0	2.7
103+74.00**	SB	PL	6	12	3.0	8.0	2.7
103+74.00**		TWLTL	6	12	3.0	8.0	2.7
103+74.00**	NB	PL	6	12	3.0	8.0	2.7
103+74.00**	NB	DL	6	12	3.0	8.0	2.7
122+32.00**	SB	DL	6	12	3.0	8.0	2.7
123+73.00**	SB	DL	20	12	3.0	26.7	9.0
123+73.00**	SB	PL	20	6	3.0	13.3	4.5
123+73.00**		TWLTL	4	12	3.0	5.3	1.8
123+73.00**	NB	PL	7	12	3.0	9.3	3.1
123+73.00**	NB	DL	4	12	3.0	5.3	1.8
125+14.00	SB	PL	20	6	3.0	13.3	4.5
174+74.00	NB	DL	6	12	2.5	8.0	2.5
MAIN ST.						0.0	0.0
193+09.00	EB	MEDIAN	50	4	2.5	22.2	6.8
TOTALS						290.2	92.8
						(SQ YD)	(TONS)
GRAND TOTALS						476.9	150.3
						(SQ YD)	(TONS)
USE						477.0	151.0
						(SQ YD)	(TONS)

** Remove existing Hot-Mix Asphalt to a depth of 6".

SCHEDULE OF QUANTITIES

78000100

THERMOPLASTIC PAVEMENT MARKINGS - LETTERS & SYMBOLS

LEFT TURN ARROWS

STA.	SQ. FT.
GILBERT ST.	
98+56.0	15.6
99+38.0	15.6
100+87.0	15.6
101+52.0	15.6
102+20.0	15.6
105+47.0	15.6
106+27.0	15.6
107+56.0	15.6
108+36.0	15.6
112+43.0	15.6
113+23.0	15.6
114+50.0	15.6
115+30.0	15.6
120+48.0	15.6
121+28.0	15.6
122+64.0	15.6
123+44.0	15.6
131+09.5	15.6
131+89.5	15.6
133+19.0	15.6
134+00.0	15.6
149+23.7	15.6
149+72.5	15.6
150+21.2	15.6
FAIRCHILD ST.	
27+24.5	15.6
28+06.0	15.6
28+86.0	15.6
29+36.0	15.6
29+80.0	15.6
46+69.0	15.6
47+34.0	15.6
47+84.0	15.6
48+52.0	15.6
49+19.4	15.6
50+76.5	15.6
VERMILION ST.	
99+26.4	15.6
100+91.2	15.6
101+34.6	15.6
101+78.0	15.6
111+50.0	15.6
112+30.0	15.6
113+58.0	15.6
114+38.0	15.6
124+66.0	15.6
125+46.0	15.6
126+88.0	15.6
127+71.0	15.6
176+18.6	15.6
177+09.4	15.6
178+41.0	15.6
179+21.0	15.6
MAIN ST.	
188+66.0	15.6
189+24.0	15.6
193+56.0	31.2
194+38.0	31.2

ENGLISH ST.	
49+26.5	15.6
50+69.5	15.6
VORHEES ST.	
49+26.0	15.6
50+75.0	15.6
WINTER AVE.	
49+20.0	15.6
SUB-TOTAL =	967.2
RIGHT TURN ARROWS	
STA.	SQ. FT.
GILBERT ST.	
100+87.0	15.6
101+52.0	15.6
102+20.0	15.6
102+48.0	15.6
121+28.0	15.6
149+23.7	15.6
149+72.5	15.6
150+34.4	15.6
VERMILION ST.	
100+71.0	15.6
101+24.5	15.6
101+78.0	15.6
MAIN ST.	
188+84.0	15.6
190+73.0	15.6
191+36.5	15.6
192+00.0	15.6
SUB-TOTAL =	202.8

COMBINATION LEFT & THROUGH ARROWS

STA.	SQ. FT.
FAIRCHILD ST.	
27+24.5	26.0
28+06.0	26.0
28+86.0	26.0
47+84.0	26.0
48+52.0	26.0
49+19.4	26.0
50+76.5	26.0
VERMILION ST.	
49+19.4	26.0
SUB-TOTAL =	156.0

DUAL LEFT TURN ARROWS

STA.	SQ. FT.
103+89.0	31.2
109+45.0	31.2
110+60.0	31.2
111+53.0	31.2
116+20.0	31.2
117+63.0	31.2
119+58.0	31.2
124+67.0	31.2
125+81.0	31.2
128+00.5	31.2
130+20.0	31.2
135+63.0	31.2
136+70.0	31.2
137+85.0	31.2
139+56.0	31.2
141+27.0	31.2
142+47.0	31.2

78000200

THERMOPLASTIC PAVEMENT MARKING - 4" WHITE (SKIP-DASH)

STA.	TO	STA.	O/S	&	O/S	FOOT		
GILBERT ST.								
97+78.0	TO	99+56.0	19'-0"	LT &	16'-0"	RT 100.0		
100+69.0	TO	102+20.0	19'-0"	LT &	16'-0"	RT 80.0		
102+20.0	TO	103+20.0	19'-0"	LT TO 16'-0"	LT &	16'-0"	RT 60.0	
103+20.0	TO	106+45.0	16'-0"	LT &	16'-0"	RT 160.0		
107+38.0	TO	109+75.0	16'-0"	LT &	16'-0"	RT 120.0		
110+30.0	TO	113+41.0	16'-0"	LT &	16'-0"	RT 160.0		
114+32.0	TO	116+50.0	16'-0"	LT &	16'-0"	RT 120.0		
117+33.0	TO	121+46.0	16'-0"	LT &	16'-0"	RT 220.0		
122+46.0	TO	124+97.0	16'-0"	LT &	16'-0"	RT 140.0		
125+51.0	TO	132+07.5	16'-0"	LT &	16'-0"	RT 340.0		
133+01.0	TO	137+00.0	16'-0"	LT &	16'-0"	RT 200.0		
137+55.0	TO	141+57.0	16'-0"	LT &	16'-0"	RT 200.0		
142+17.0	TO	146+21.0	16'-0"	LT &	16'-0"	RT 200.0		
146+93.8	TO	149+23.7	15'-8"	LT TO 20'-0"	LT &	15'-8"	RT TO 13'-0"	RT 120.0
149+23.7	TO	150+39.2	20'-0"	LT		30.0		
FAIRCHILD ST.								
27+06.5	TO	28+86.0			15'-0"	RT 100.0		
28+86.0	TO	29+97.7	20'-0"	LT TO 17'-8"	LT &	15'-0"	RT TO 16'-1"	RT 60.0
30+76.0	TO	33+80.0	16'-0"	LT &	16'-0"	RT 160.0		
34+45.0	TO	35+00.0	16'-0"	LT &	16'-0"	RT 40.0		
43+43.8	TO	45+80.0	16'-0"	LT &	16'-0"	RT 120.0		
46+51.0	TO	47+84.0	16'-0"	LT TO 18'-0"	LT &	16'-0"	RT 80.0	
47+84.0	TO	49+37.4	18'-0"	LT &	16'-0"	RT 80.0		
VERMILION ST.								
99+20.1	TO	99+44.4	17'-0"	LT &	18'-0"	RT 20.0		
100+73.2	TO	101+78.0	17'-6"	LT &	16'-6"	RT 60.0		
101+78.0	TO	102+78.0	17'-6"	LT TO 16'-6"	LT &	16'-6"	RT 60.0	
102+78.0	TO	106+00.0	16'-6"	LT &	16'-6"	RT 160.0		
106+90.0	TO	109+15.0	16'-6"	LT &	16'-6"	RT 120.0		
110+03.0	TO	112+48.0	16'-6"	LT &	16'-6"	RT 120.0		
113+40.0	TO	119+21.0	16'-6"	LT &	16'-6"	RT 300.0		
120+07.0	TO	125+64.0	16'-6"	LT &	16'-6"	RT 280.0		
126+71.0	TO	127+71.0	16'-6"	LT &	16'-6"	RT 60.0		
127+71.0	TO	129+52.0	16'-6"	LT TO 12'-0"	LT &	16'-6"	RT TO 12'-0"	RT 100.0
129+52.0	TO	130+20.0	12'-0"	LT &	12'-0"	RT 40.0		
131+05.0	TO	132+29.0	12'-0"	LT &	12'-0"	RT 60.0		
133+11.0	TO	135+72.0	12'-0"	LT &	12'-0"	RT 140.0		
136+56.0	TO	139+00.0	12'-0"	LT &	12'-0"	RT 120.0		
140+26.0	TO	142+31.0	12'-0"	LT &	12'-0"	RT 100.0		
143+15.0	TO	146+12.0	12'-0"	LT &	12'-0"	RT 160.0		
146+98.0	TO	147+47.0	12'-0"	LT &	12'-0"	RT 20.0		
148+32.0	TO	152+29.0	12'-0"	LT &	12'-0"	RT 200.0		
153+54.0	TO	156+17.0	12'-0"	LT &	12'-0"	RT 140.0		
157+27.0	TO	159+85.0	12'-0"	LT &	12'-0"	RT 140.0		
160+69.0	TO	163+43.0	12'-0"	LT &	12'-0"	RT 140.0		
164+22.0	TO	164+90.0	12'-0"	LT &	12'-0"	RT 40.0		
165+80.0	TO	166+75.0	12'-0"	LT &	12'-0"	RT 60.0		
168+89.0	TO	170+23.0	12'-0"	LT &	12'-0"	RT 80.0		
171+97.0	TO	173+79.0	12'-0"	LT &	12'-0"	RT 100.0		
174+38.0	TO	176+18.6	12'-0"	LT TO 17'-0"	LT &	12'-0"	RT TO 17'-0"	RT 100.0
176+18.6	TO	177+27.4	17'-0"	LT &	17'-0"	RT 60.0		
178+23.0	TO	181+65.6	18'-5"	RT TO 25'-0"	RT &	16'-0"	RT TO 9'-0"	RT 180.0
181+65.6	TO	183+00.0	25'-0"	LT &	14'-0"	RT 80.0		
MAIN ST.								
188+46.0	TO	189+42.0	14'-0"	LT TO 12'-0"	LT	30.0		
190+55.0	TO	192+00.0	15'-5"	LT		80.0		
193+38.0	TO	194+38.0			18'-0"	RT TO 17'-0"	RT 60.0	
SUB-TOTAL =						6,300.0		

THERMOPLASTIC PAVEMENT MARKING - 4" WHITE (SOLID)

STA.	TO	STA.	O/S	FOOT	
GILBERT ST.					
96+74.1	TO	97+88.7	16'-5"	RT TO 37'-2"	RT 135.0
96+74.4	TO	97+61.5	16'-5"	RT TO 44'-2"	RT 95.0
96+85.2	TO	97+66.3	35'-1"	RT TO 60'-6"	RT 91.5
98+20.6	TO	99+56.0	27'-0"	RT	135.4
98+20.6	TO	98+57.7	27'-0"	RT TO 57'-8"	RT 45.1
98+35.0	TO	99+60.0	54'-0"	RT TO 73'-0"	RT 30.0
99+26.0	TO	99+58.6	31'-0"	RT	32.6
98+56.0	TO	99+56.0	5'-0"	RT	100.0
100+69.0	TO	102+20.0	7'-0"	LT & 31'-0"	LT 302.0
102+20.0	TO	103+20.0	7'-0"	LT TO 5'-0"	LT 100.0
105+47.0	TO	106+45.0	5'-0"	RT	98.0
107+38.0	TO	108+36.0	5'-0"	LT	98.0
112+43.0	TO	113+41.0	5'-0"	RT	98.0
114+32.0	TO	115+30.0	5'-0"	LT	98.0
120+48.0	TO	121+46.0	5'-0"	RT	98.0
122+46.0	TO	123+44.0	5'-0"	LT	98.0
131+09.5	TO	132+07.5	5'-0"	RT	98.0
133+01.0	TO	134+00.0	5'-0"	LT	99.0
149+23.7	TO	150+52.4	2'-0"	RT & 13'-0"	RT 257.4
151+58.1	TO	151+69.5	9'-0"	LT & 20'-0"	LT 22.9
FAIRCHILD ST.					
25+87.6	TO	26+02.3	2'-0"	RT & 13'-0"	RT 29.5
27+06.5	TO	28+86.0	9'-0"	LT & 20'-0"	LT 359.0
29+36.0	TO	29+97.7	4'-1"	RT	61.7
46+51.0	TO	47+34.0	5'-0"	LT TO 7'-0"	83.0
47+84.0	TO	49+37.4	5'-0"	RT	153.4
50+58.5	TO	50+78.6	6'-4"	LT	20.1
VERMILION ST.					
99+20.1	TO	99+44.4	6'-4"	RT	24.3
100+53.0	TO	100+73.2	5'-6"	LT & 29'-6"	LT 20.2
100+73.2	TO	101+78.0	5'-6"	LT & 29'-6"	LT 209.6
111+50.0	TO	112+48.0	5'-6"	RT	98.0
113+40.0	TO	114+38.0	5'-6"	LT	98.0
124+66.0	TO	125+64.0	5'-6"	RT	98.0
126+71.0	TO	127+71.0	5'-6"	LT	100.0
176+18.6	TO	177+27.4	6'-0"	RT	108.8
178+23.0	TO	179+21.0	5'-6"	LT TO 8'-10"	LT 98.0
MAIN ST.					
188+46.0	TO	189+42.0	9'-0"	RT TO 11'-0"	RT 96.0
188+46.0	TO	189+42.0	20'-0"	RT TO 22'-0"	RT 96.0
189+00.0	TO	189+20.0	21'-0"	RT TO 29'-3"	

SCHEDULE OF QUANTITIES

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	10

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3

THERMOPLASTIC PAVEMENT MARKING - 4" WHITE (LANE EXTENTIONS)

STA.	TO	STA.	O/S	TO	O/S	FOOT
GILBERT ST.						
96+60.0	TO	97+76.0	17'-7" LT	TO	19'-0" LT	42.0
96+60.0	TO	98+20.6	5'-0" RT	TO	16'-0" RT	50.0
96+60.0	TO	98+33.7	17'-7" LT	TO	52'-9" RT	70.0
150+39.2	TO	27+06.5 (FAIRCHILD)	20'-0" LT	TO	9'-0" LT	36.0
FAIRCHILD ST.						
49+37.4	TO	100+73.2 (VERMILION)	5'-0" RT	TO	16'-6" RT	40.0
MAIN ST.						
191+85.9	TO	193+36.0	36'-2" RT	TO	7'-0" RT	54.0
SUB-TOT						292.0

THERMOPLASTIC PAVEMENT MARKING - 4" YELLOW (SKIP-DASH)

STA.	TO	STA.	O/S	TO	O/S	FOOT
GILBERT ST.						
103+59.0	TO	104+87.0	4'-6" LT	TO	4'-6" LT	60.0
108+96.0	TO	109+75.0	4'-6" LT	TO	4'-6" LT	40.0
110+30.0	TO	111+83.0	4'-6" LT	TO	4'-6" LT	80.0
115+90.0	TO	116+50.0	4'-6" LT	TO	4'-6" LT	40.0
117+33.0	TO	119+88.0	4'-6" LT	TO	4'-6" LT	140.0
124+04.0	TO	124+97.0	4'-6" LT	TO	4'-6" LT	40.0
125+51.0	TO	130+50.0	4'-6" LT	TO	4'-6" LT	260.0
134+59.0	TO	137+00.0	4'-6" LT	TO	4'-6" LT	120.0
137+55.0	TO	141+57.0	4'-6" LT	TO	4'-6" LT	200.0
142+17.0	TO	146+21.0	4'-6" LT	TO	4'-6" LT	200.0
FAIRCHILD ST.						
30+76.0	TO	33+80.0	4'-6" LT	TO	4'-6" LT	160.0
34+45.0	TO	35+00.0	4'-6" LT	TO	4'-6" LT	40.0
43+43.8	TO	45+80.0	4'-6" LT	TO	4'-6" LT	120.0
VERMILION ST.						
102+78.0	TO	106+00.0	5'-0" LT	TO	5'-0" RT	160.0
106+90.0	TO	109+15.0	5'-0" LT	TO	5'-0" RT	120.0
110+03.0	TO	110+90.0	5'-0" LT	TO	5'-0" RT	40.0
114+98.0	TO	119+21.0	5'-0" LT	TO	5'-0" RT	220.0
120+07.0	TO	124+06.0	5'-0" LT	TO	5'-0" RT	200.0
179+81.0	TO	181+65.6	9'-7" LT TO 13'-6" LT	TO	1'-5" RT TO 2'-6" LT	100.0
181+65.6	TO	183+00.0	13'-6" LT	TO	2'-6" LT	80.0
SUB-TOTAL =						2,420.0

THERMOPLASTIC PAVEMENT MARKING - 4" YELLOW (DOUBLE)

STA.	TO	STA.	O/S	FOOT		
GILBERT ST.						
97+68.0	TO	98+56.0	MEDIAN	378.0		
98+56.0	TO	99+56.0	7'-0" LT	200.0		
100+69.0	TO	103+59.0	5'-0" RT	580.0		
104+87.0	TO	106+45.0	5'-0" LT	316.0		
107+38.0	TO	108+96.0	5'-0" RT	316.0		
111+83.0	TO	113+41.0	5'-0" LT	316.0		
113+43.0	TO	113+49.0	5'-0" RT	12.0		
114+32.0	TO	115+90.0	5'-0" RT	316.0		
119+88.0	TO	121+46.0	5'-0" LT	316.0		
122+46.0	TO	124+04.0	5'-0" RT	316.0		
130+49.5	TO	132+07.5	5'-0" LT	316.0		
146+93.8	TO	149+23.7	MEDIAN TRANSITION	919.6		
133+01.0	TO	134+59.0	5'-0" RT	316.0		
149+23.7	TO	150+39.2	9'-0" LT	231.0		
151+58.1	TO	151+69.5	2'-0" RT	22.9		
FAIRCHILD ST.						
25+87.6	TO	26+02.3	11'-0" LT	29.5		
27+06.5	TO	28+86.0	3'-0" RT	359.0		
28+86.0	TO	29+36.0	3'-0" RT TO 7'-11" LT	100.0		
29+36.0	TO	29+97.7	7'-11" LT TO 6'-8" LT	123.4		
46+51.0	TO	47+34.0	5'-0" RT	166.0		
47+34.0	TO	47+84.0	5'-0" RT TO 7'-0" LT	100.0		
47+84.0	TO	49+37.4	7'-0" LT	306.8		
50+58.5	TO	50+78.6	5'-0" RT	40.1		
VERMILION ST.						
99+20.1	TO	99+44.1	5'-0" LT	48.0		
100+73.2	TO	102+78.0	5'-6" RT	409.6		
110+90.0	TO	112+48.0	5'-6" LT	316.0		
113+40.0	TO	114+98.0	5'-6" RT	316.0		
124+06.0	TO	125+64.0	5'-6" LT	316.0		
126+71.0	TO	127+71.0	5'-6" RT	200.0		
127+71.0	TO	129+52.0	MEDIAN	728.0		
129+52.0	TO	130+20.0	C.L.	136.0		
131+05.0	TO	132+29.0	C.L.	248.0		
133+11.0	TO	135+72.0	C.L.	522.0		
136+56.0	TO	139+00.0	C.L.	488.0		
140+26.0	TO	142+31.0	C.L.	410.0		
143+15.0	TO	146+12.0	C.L.	594.0		
146+98.0	TO	147+47.0	C.L.	98.0		
148+32.0	TO	152+29.0	C.L.	794.0		
153+54.0	TO	156+17.0	C.L.	526.0		
157+27.0	TO	159+85.0	C.L.	516.0		
160+69.0	TO	163+43.0	C.L.	548.0		
164+22.0	TO	164+90.0	C.L.	136.0		
165+80.0	TO	166+75.0	C.L.	190.0		
168+89.0	TO	170+23.0	C.L.	268.0		
171+97.0	TO	173+79.0	C.L.	364.0		
174+38.0	TO	176+18.6	MEDIAN	720.0		
176+18.6	TO	177+27.4	6'-0"	217.6		
178+23.0	TO	179+81.0	5'-5" RT TO 1'-11" RT	316.0		
MAIN ST.						
188+46.0	TO	189+42.0	2'-0" LT TO C.L.	192.0		
193+38.0	TO	194+38.0	5'-0" RT	200.0		
ENGLISH ST.						
49+15.0	TO	49+44.5	6'-0" LT	59.0		
50+51.5	TO	50+76.0	6'-0" LT	49.0		
VORHEES ST.						
49+00.0	TO	49+44.0	6'-0" LT	88.0		
50+57.0	TO	51+00.0	6'-0" LT	86.0		
WINTER AVE.						
49+15.0	TO	49+38.0	5'-6" LT	46.0		
SUB-TOTAL =						16,241.4

THERMOPLASTIC PAVEMENT MARKING - 4" YELLOW (SOLID)

STA.	TO	STA.	O/S	&	O/S	FOOT
GILBERT ST.						
97+61.5	TO	193+31 (MAIN ST.)		&	44'-2" RT TO 18'-0" RT (MEDIAN)	383.3
97+88.7	TO	193+31 (MAIN ST.)		&	37'-2" RT TO 18'-0" RT (MEDIAN)	370.0
103+59.0	TO	104+87.0	5'-0" LT	&	5'-0" RT	256.0
108+96.0	TO	109+75.0	5'-0" LT	&	5'-0" RT	158.0
110+30.0	TO	111+83.0	5'-0" LT	&	5'-0" RT	306.0
115+90.0	TO	116+50.0	5'-0" LT	&	5'-0" RT	120.0
117+33.0	TO	119+88.0	5'-0" LT	&	5'-0" RT	510.0
124+04.0	TO	124+97.0	5'-0" LT	&	5'-0" RT	186.0
125+51.0	TO	130+50.0	5'-0" LT	&	5'-0" RT	998.0
134+59.0	TO	137+00.0	5'-0" LT	&	5'-0" RT	482.0
137+55.0	TO	141+57.0	5'-0" LT	&	5'-0" RT	804.0
142+17.0	TO	146+21.0	5'-0" LT	&	5'-0" RT	808.0
FAIRCHILD ST.						
30+76.0	TO	33+80.0	5'-0" LT	&	5'-0" RT	608.0
34+45.0	TO	35+00.0	5'-0" LT	&	5'-0" RT	110.0
43+43.8	TO	45+80.0	5'-0" LT	&	5'-0" RT	472.4
VERMILION ST.						
102+78.0	TO	106+00.0	5'-6" LT	&	5'-6" RT	644.0
106+90.0	TO	109+15.0	5'-6" LT	&	5'-6" RT	450.0
110+03.0	TO	110+90.0	5'-6" LT	&	5'-6" RT	174.0
114+98.0	TO	119+21.0	5'-6" LT	&	5'-6" RT	846.0
120+07.0	TO	124+06.0	5'-6" LT	&	5'-6" RT	798.0
179+81.0	TO	181+65.6	10'-1" LT TO 14'-0" LT	&	1'-2" RT TO 2'-0" LT	369.2
181+65.6	TO	183+00.0	13'-6" LT	&	2'-0" LT	288.8
MAIN ST.						
190+51.0	TO	193+14.6		&	C.L. TO 18'-0" LT (MEDIAN)	542.0
SUB-TOTAL =						10,663.7
TOTAL =						40,384.0
USE =						40,384.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	11

(47Z-3)RS-1 & (52CS,48Z-1)RS-3

SCHEDULE OF QUANTITIES

78000400

THERMOPLASTIC PAVEMENT MARKING - 6" WHITE (CROSS-WALK)

STA.	FOOT	MAIN ST.	FOOT
GILBERT ST.			
99+62.5	64.0	189+42.0	23.0
99+68.5	64.0	189+48.0	23.0
100+53.5	84.0	189+52.5	80.0
100+59.5	89.0	189+57.5	80.0
106+52.0	67.0	190+40.5	73.0
106+57.0	75.0	190+46.5	74.0
107+27.0	73.0	ENGLISH ST.	
107+32.0	66.0	49+53.5	43.0
113+61.0	60.0	49+59.6	44.0
113+66.0	64.0	50+45.5	43.0
114+21.0	75.0	50+51.5	44.0
114+26.0	67.0	VORHEES ST.	
121+52.0	61.0	49+54.5	56.0
121+57.0	64.0	49+60.5	66.0
122+15.0	67.0	50+41.5	75.0
122+20.0	64.0	50+47.6	67.0
132+16.0	68.0	VORHEES ST.	
132+21.0	75.0	49+44.0	66.0
132+87.0	76.0	49+50.0	71.0
132+92.0	68.0	WINTER AVE.	
150+58.3	72.0	49+51.0	61.0
150+64.3	81.0	49+57.0	61.0
151+45.3	80.0	SUB-TOTAL = 4,687.0	
151+51.3	69.0		
FAIRCHILD ST.			
26+08.3	66.0		
26+14.3	76.0		
26+94.5	88.0		
27+00.5	78.0		
49+73.4	82.0		
49+79.4	83.0		
50+43.8	77.0		
50+49.8	77.0		
VERMILION ST.			
99+50.4	85.0		
99+56.4	83.0		
100+41.0	100.0		
100+47.0	100.0		
112+69.5	75.0		
112+71.5	84.0		
113+18.5	77.0		
113+24.5	73.0		
125+74.5	73.0		
125+80.5	82.0		
126+50.5	81.0		
126+56.5	74.0		
177+33.4	77.0		
177+39.4	85.0		
178+07.5	88.0		
178+13.5	80.0		

THERMOPLASTIC PAVEMENT MARKING - 6" WHITE (RAILROAD CROSSING)

STA.	TO	STA.	FOOT
GILBERT ST.			
133+35.0	TO	133+93.0	1020.8
SUB-TOTAL =			1,020.8
TOTAL =			5,707.8
USE =			5,708.0

78000600

THERMOPLASTIC PAVEMENT MARKING - 12"

STA.	TO	STA.	FOOT
GILBERT ST.			
96+60.0	TO	97+88.7	102.0
97+68.0	TO	98+56.0	29.0
98+20.6	TO	99+56.0	89.0
146+93.8	TO	149+23.7	74.5
VERMILION ST.			
127+71.0	TO	129+52.0	52.6
174+38.0	TO	176+18.6	42.4
MAIN ST.			
190+45.4	TO	191+65.0	19.7
190+51.0	TO	191+80.0	52.1
193+14.7	TO	194+38.0	123.3
TOTAL =			585.0
USE =			585.0

78100650

THERMOPLASTIC PAVEMENT MARKING - 24"

STA.	FOOT
GILBERT ST.	
97+78.0	24.0
98+25.0	11.0
98+50.0	11.0
99+56.0	37.9
100+69.0	48.9
106+45.0	38.3
107+38.0	37.2
113+41.0	10.5
113+51.0	21.8
114+32.0	38.9
121+46.0	36.9
122+46.0	32.0
132+07.5	40.1
133+01.0	62.6
133+29.5	22.0
133+93.0	32.0
133+98.0	22.0
134+83.0	32.0
135+33.0	32.0
150+39.2	11.0
150+52.4	28.0
151+58.1	35.2
FAIRCHILD ST.	
26+02.3	35.2
27+06.5	44.2
49+37.4	39.6
50+58.5	41.3
VERMILION ST.	
99+44.4	41.6
100+53.0	43.9
100+73.2	11.0
112+48.0	33.0
113+40.0	33.8
122+64.0	41.5
126+71.0	36.5
177+27.4	42.4
178+23.0	42.8
MAIN ST.	
189+40.3	22.0
189+42.0	21.5
190+55.0	41.8
191+65.0	13.0
193+38.0	24.0
ENGLISH ST.	
49+44.5	25.0
50+51.5	25.5
VORHEES ST.	
49+44.0	27.1
50+57.0	29.1
WINTER AVE.	
49+38.0	30.0
TOTAL = 1,365.1	
USE = 1,366.0	

MANHOLE SCHEDULE

STA.	O/S	EACH
GILBERT ST.		
97+15.0	6.0' RT	1.0
97+93.5	2.5' RT	1.0
98+36.0	25.0' RT	1.0
98+43.0	46.5' LT	1.0
98+50.5	37.0' RT	1.0
99+64.5	49.4' LT	1.0
100+20.5	76.4' RT	1.0
100+21.0	7.2' RT	1.0
100+46.5	30.5' RT	1.0
100+51.0	13.4' RT	1.0
103+03.0	26.0' RT	1.0
104+14.0	26.0' RT	1.0
105+45.0	11.8' RT	1.0
105+66.5	25.4' RT	1.0
106+80.0	21.2' RT	1.0
106+85.0	11.5' RT	1.0
107+09.0	18.0' RT	1.0
107+11.0	16.7' RT	1.0
110+02.0	10.1' RT	1.0
110+19.5	20.0' RT	1.0
111+76.0	17.0' LT	1.0
112+79.0	16.0' LT	1.0
113+75.0	14.5' LT	1.0
114+18.5	25.8' RT	1.0
114+20.4	9.3' RT	1.0
116+76.0	10.2' RT	1.0
116+76.0	24.0' LT	1.0
117+02.0	19.2' RT	1.0
117+16.0	10.5' LT	1.0
118+47.0	24.0' RT	1.0
119+73.0	25.0' RT	1.0
119+94.0	5.2' RT	1.0
121+00.0	26.0' RT	1.0
121+97.0	4.2' RT	1.0
122+24.0	26.0' RT	1.0
123+41.0	26.0' RT	1.0
124+44.0	3.3' LT	1.0
125+18.5	1.0' RT	1.0
125+52.5	25.5' RT	1.0
127+00.0	26.0' RT	1.0
128+07.5	25.2' RT	1.0
128+13.0	12.5' RT	1.0
128+84.0	1.0' RT	1.0
129+41.5	14.0' RT	1.0
130+27.0	25.5' RT	1.0
130+70.0	1.0' RT	1.0
130+95.0	26.0' RT	1.0
132+16.0	25.1' RT	1.0
132+47.0	5.7' RT	1.0

STA.	O/S	EACH
GILBERT ST.		
132+57.0	13.5' RT	1.0
132+77.0	21.6' RT	1.0
134+04.0	23.1' RT	1.0
135+25.0	26.0' LT	1.0
136+31.0	26.0' LT	1.0
136+90.0	26.0' LT	1.0
137+61.0	26.0' LT	1.0
139+00.0	26.0' LT	1.0
139+91.0	25.6' LT	1.0
142+23.5	25.5' RT	1.0
143+35.0	26.0' LT	1.0
144+37.0	25.4' RT	1.0
144+87.0	26.0' LT	1.0
145+30.0	26.0' LT	1.0
145+78.0	26.0' RT	1.0
146+86.0	26.2' RT	1.0
149+02.0	25.5' LT	1.0
FAIRCHILD ST.		
26+97.0	28.0' LT	1.0
44+53.0	C.L.	1.0
48+04.0	0.5' RT	1.0
VERMILION ST.		
103+76.0	20.6' RT	1.0
171+38.0	16.4' RT	1.0
172+76.0	16.5' RT	1.0
174+00.0	18.0' RT	1.0
174+60.0	23.0' LT	1.0
174+70.0	16.6' RT	1.0
MAIN ST.		
188+25.0	32.5' LT	1.0
188+56.0	29.5' RT	1.0
TOTAL = 77.0 *		

* THE QUANTITY TO BE ADJUSTED IS 30% OF THE TOTAL NUMBER OF MANHOLES LISTED IN THE MANHOLE SCHEDULE. IT IS THE RESIDENT'S DISCRETION AS TO WHICH MANHOLES WILL BE ADJUSTED.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	12

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3

SCHEDULE OF QUANTITIES

**Z0010900
COLD MILLING SPECIAL**

STA.	TO	STA.	LENGTH (FT)
GILBERT ST./MAIN ST.			
96+80.00 RT (GILBERT ST.)	TO	194+59.80 RT (MAIN ST.)	599.9
97+48.00 RT (GILBERT ST.)	TO	192+83.50 RT (MAIN ST.)	732.0
98+32.00 RT (GILBERT ST.)	TO	191+84.00 (MAIN ST.)	500.0
FAIRCHILD ST.			
34+40.00 RT	TO	35+00.00 RT	60.0
STATION EQUATION			
43+43.83 RT	TO	49+18.00 RT	574.4
30+84.36 LT	TO	35+00.00 LT	415.6
STATION EQUATION			
43+43.83 LT	TO	49+08.11 LT	564.3
TOTAL =			3446.2
USE =			3447.0

**88600100
DETECTOR LOOP, TYPE 1**

LOCATION	FOOT	CONNECTION TYPE
NORTH ST.	430.0	SINGLE PAIR
HARRISON ST.	450.0	SINGLE PAIR
SEMINARY ST.	429.0	SINGLE PAIR
WILLIAMS ST.	426.0	SINGLE PAIR
GILBERT ST. & FAIRCHILD ST.	1462.0	MULTI-PAIR
VERMILION ST. & FAIRCHILD ST.	1683.0	MULTI-PAIR
ENGLISH ST.	960.0	MULTI-PAIR
VORHEES ST.	1047.0	MULTI-PAIR
WINTER AVE.	920.0	MULTI-PAIR
TOTAL =		7807.0
USE =		7807.0

**Z0070100
SURVEY MONUMENT COVER ASSEMBLY**

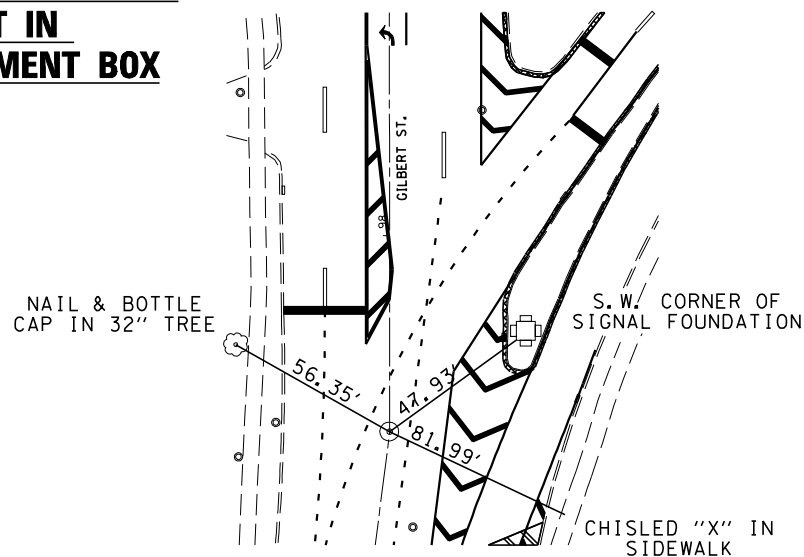
STA.	EACH
GILBERT ST.	
97+42.29	1.0
100+02.91	1.0
106+89.89	1.0
107+10.00	1.0
108+50.00	1.0
110+00.35	1.0
113+67.00	1.0
113+91.76	1.0
115+07.00	1.0
116+79.63	1.0
117+02.63	1.0
121+96.27	1.0
125+21.41	1.0
132+54.16	1.0
137+25.27	1.0
141+87.18	1.0
146+51.72	1.0
VERMILION ST.	
100+00.02	1.0
126+15.44	1.0
153+11.41	1.0
163+18.90	1.0
175+25.00	1.0
TOTAL =	
22.0	

TIE POINT LAYOUT

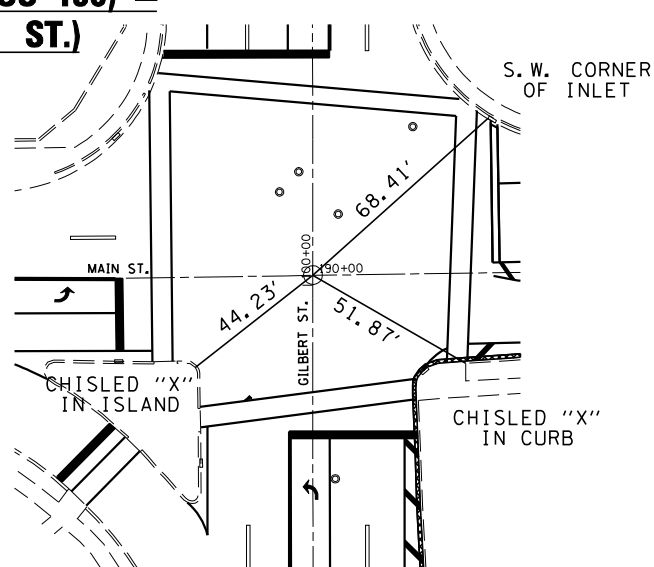
CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	CHAMPAIGN	62	13
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*(47Z-31RS-1 & (52CS,4BZ-1)RS-3				

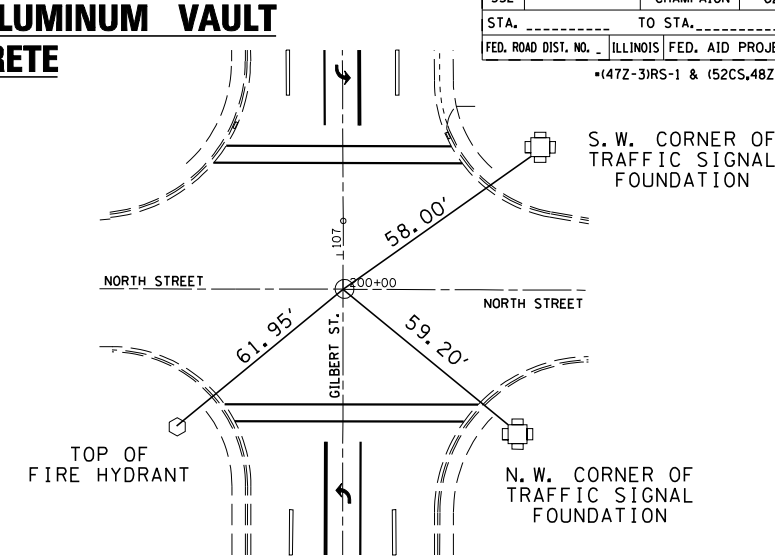
P.I. #4 97+42.29
TABLET IN MONUMENT BOX



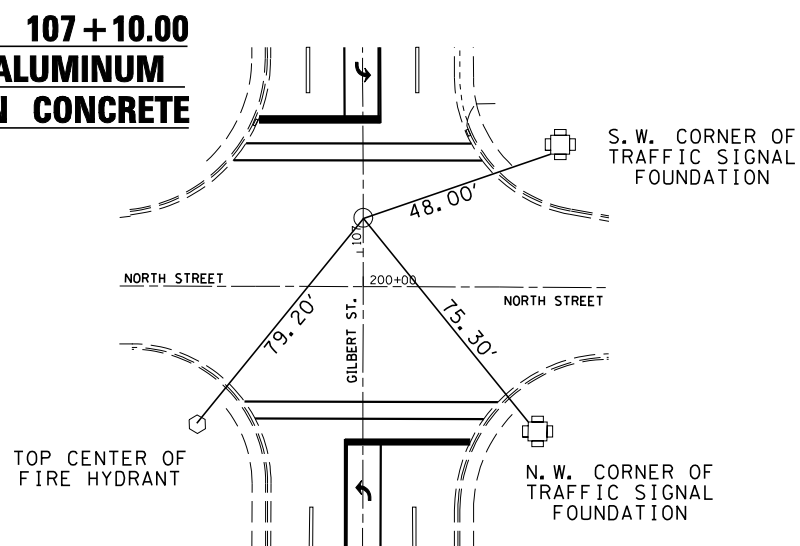
P.I. #3 190+00 (US 150) = 100+02.91 (MAIN ST.)
IDOT VAULT



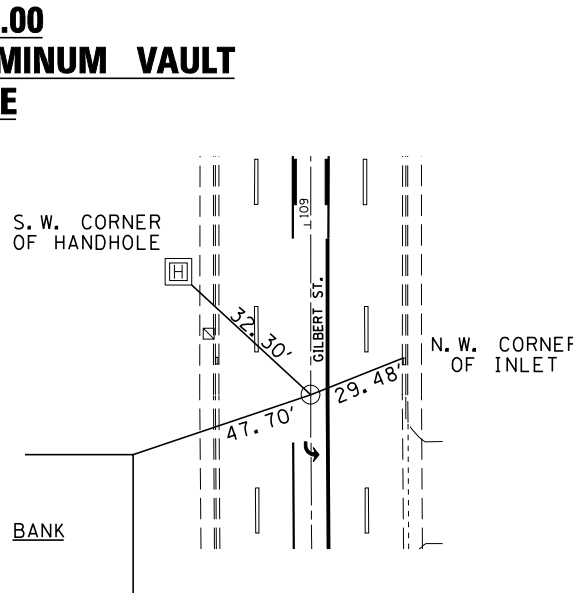
P.I. STA. 106+89.89
ROUND ALUMINUM VAULT IN CONCRETE



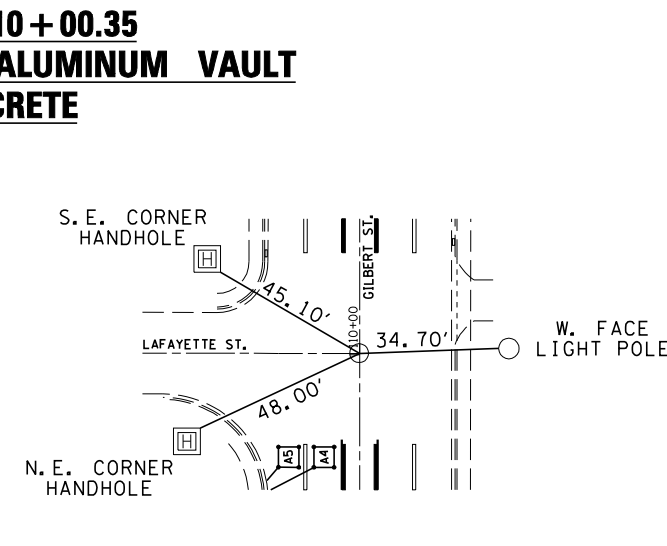
P.I. KINK 107+10.00
ROUND ALUMINUM VAULT IN CONCRETE



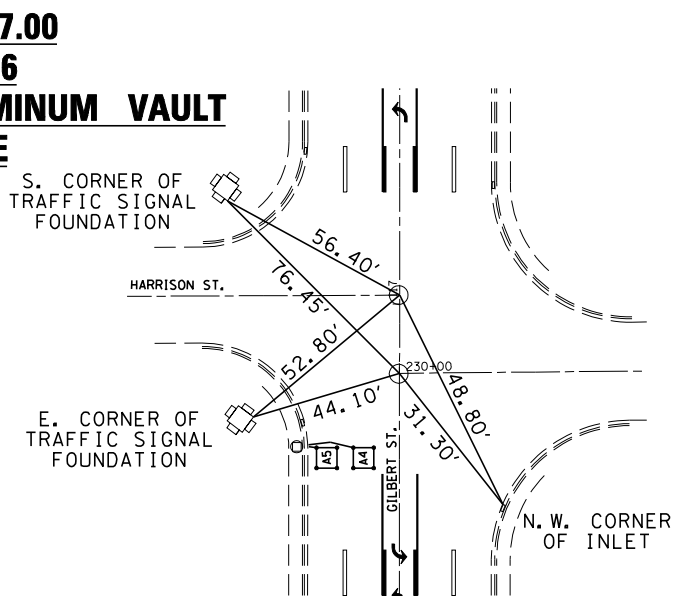
STA. 108+50.00
ROUND ALUMINUM VAULT IN CONCRETE



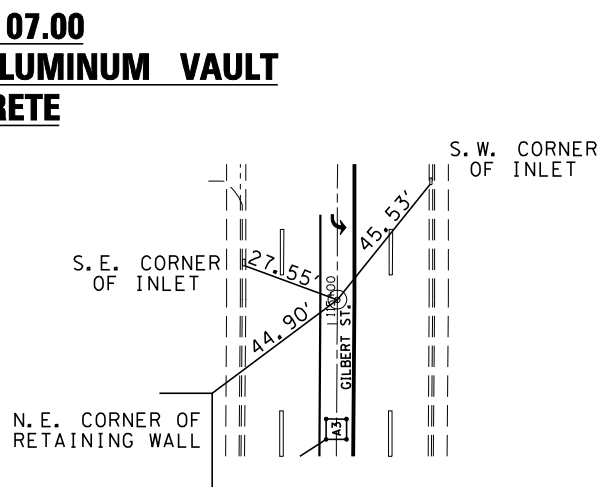
P.O.T 110+00.35
ROUND ALUMINUM VAULT IN CONCRETE



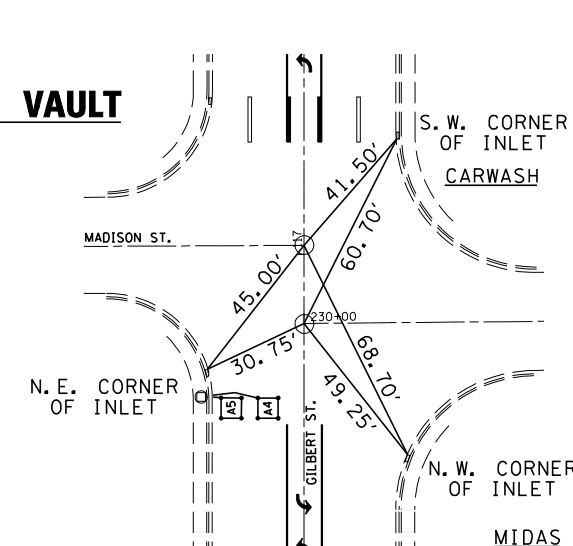
P.O.T. 113+67.00
P.I. 113+91.76
ROUND ALUMINUM VAULT IN CONCRETE



STA. 115+07.00
ROUND ALUMINUM VAULT IN CONCRETE



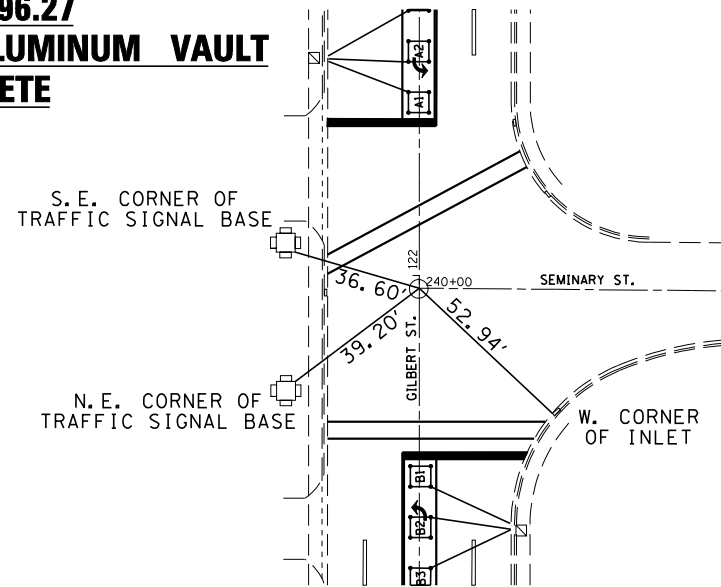
STA. 116+79.63
STA. 117+02.63
ROUND ALUMINUM VAULT IN CONCRETE



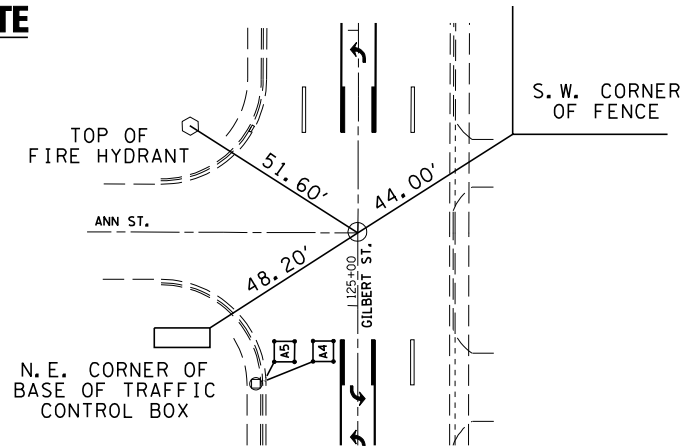
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USER NAME = cecrollit

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	CHAMPAIGN	62	14
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

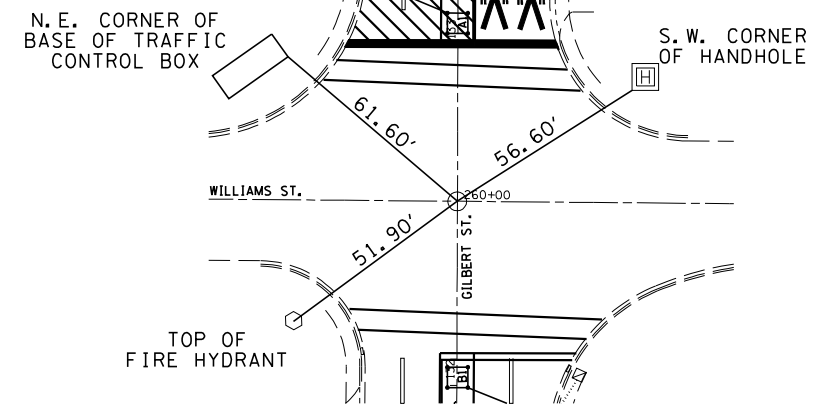
STA. 121 + 96.27
ROUND ALUMINUM VAULT
IN CONCRETE



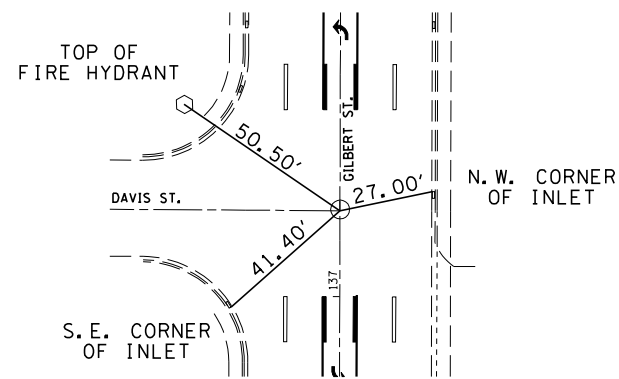
P.I. 125 + 21.41
ROUND ALUMINUM VAULT
IN CONCRETE



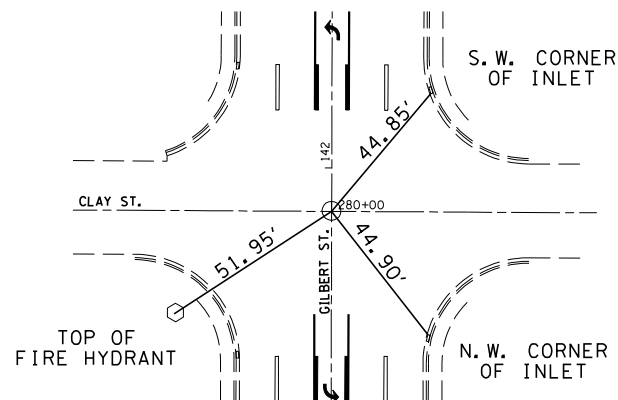
132 + 54.16
ROUND ALUMINUM VAULT
IN CONCRETE



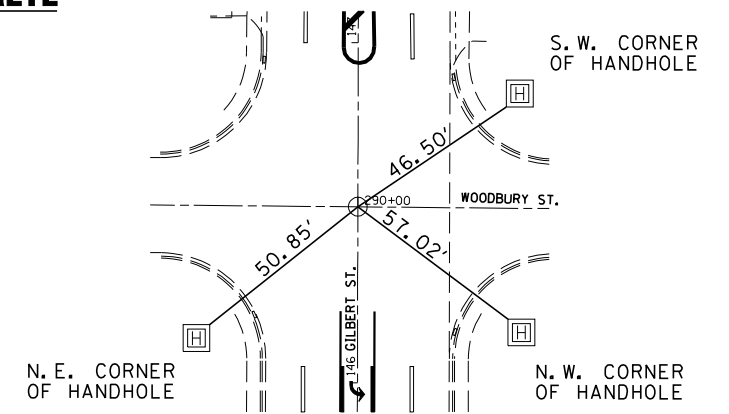
STA. 137 + 25.27
ROUND ALUMINUM VAULT
IN CONCRETE



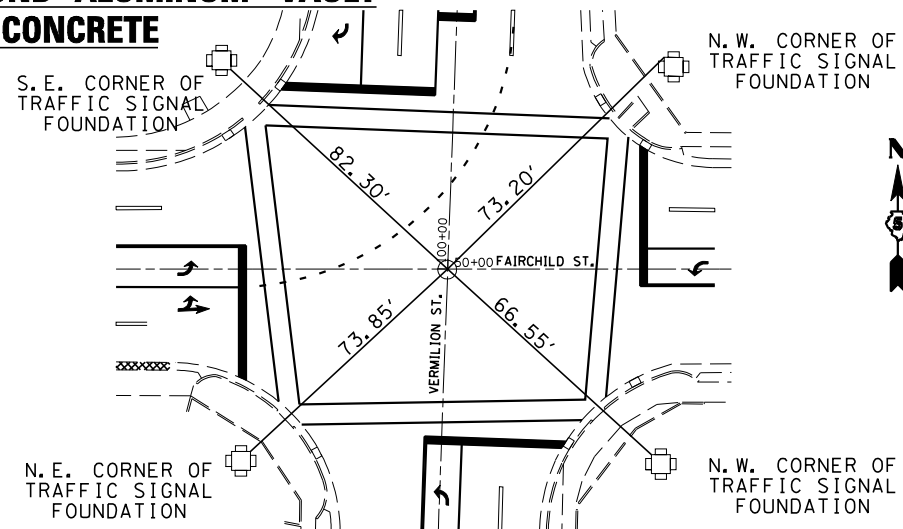
STA. 141 + 87.18
ROUND ALUMINUM VAULT
IN CONCRETE



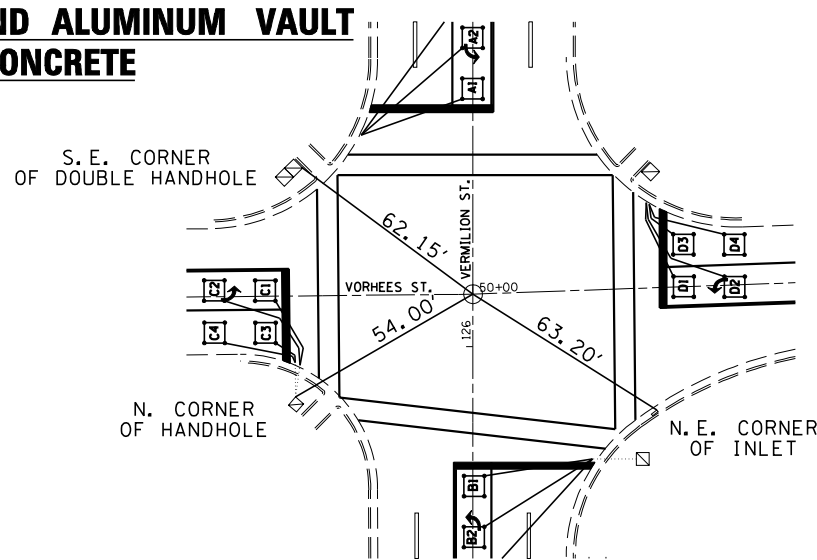
P.O.T. #58 STA. 146 + 51.72
ROUND ALUMINUM VAULT
IN CONCRETE



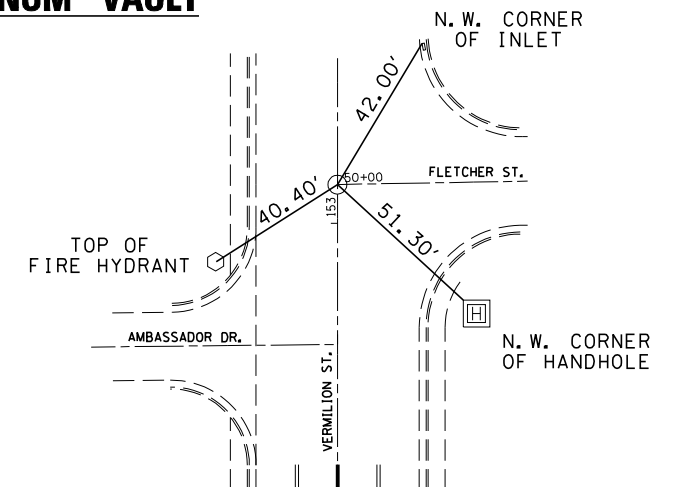
50+00 FAIRCHILD ST. = 100+00 VERMILION ST.
ROUND ALUMINUM VAULT
IN CONCRETE



STA. 126 + 15.44
ROUND ALUMINUM VAULT
IN CONCRETE

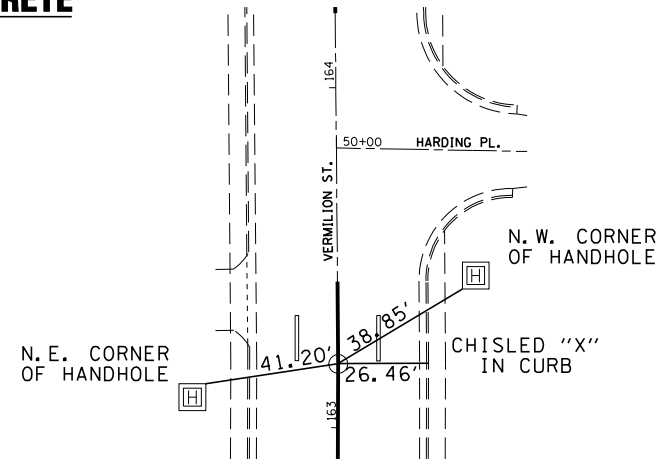


STA. 153 + 11.41
ROUND ALUMINUM VAULT
IN CONCRETE

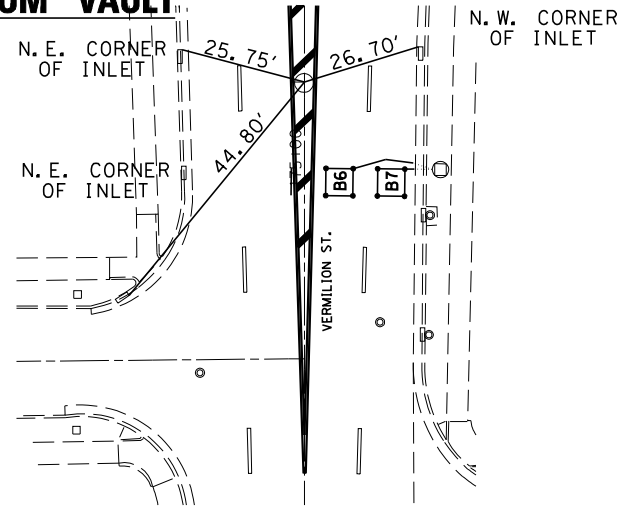


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	CHAMPAIGN	62	15
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

**P.I. #4 STA. 163+18.90
ROUND ALUMINUM VAULT
IN CONCRETE**



**STA. 175+25.00
ROUND ALUMINUM VAULT
IN CONCRETE**

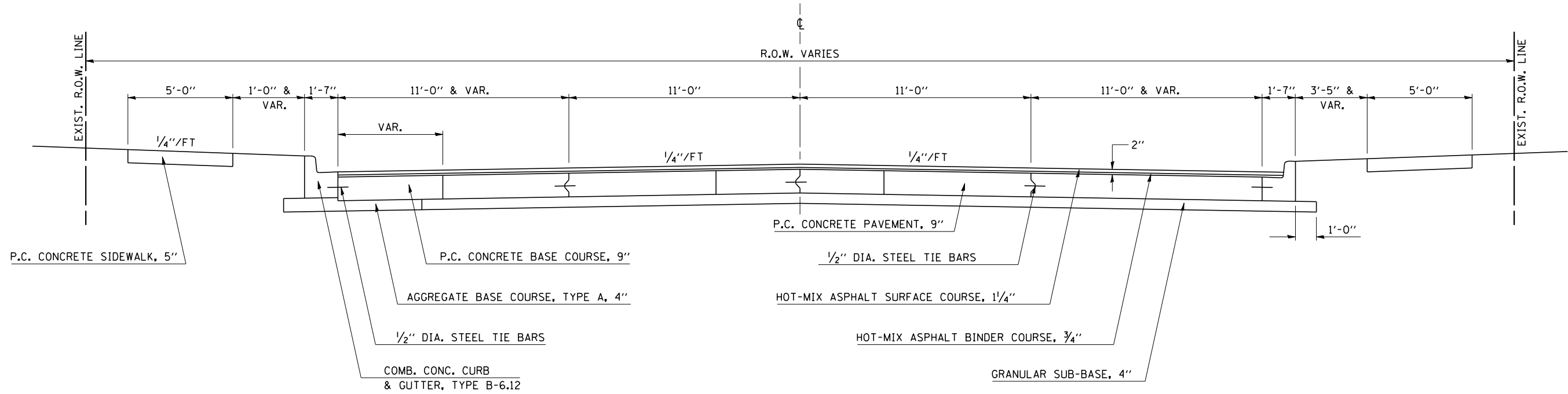


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	16

(47Z-3)RS-1 & (52CS,4BZ-1)RS-3
CONTRACT NO. 70185

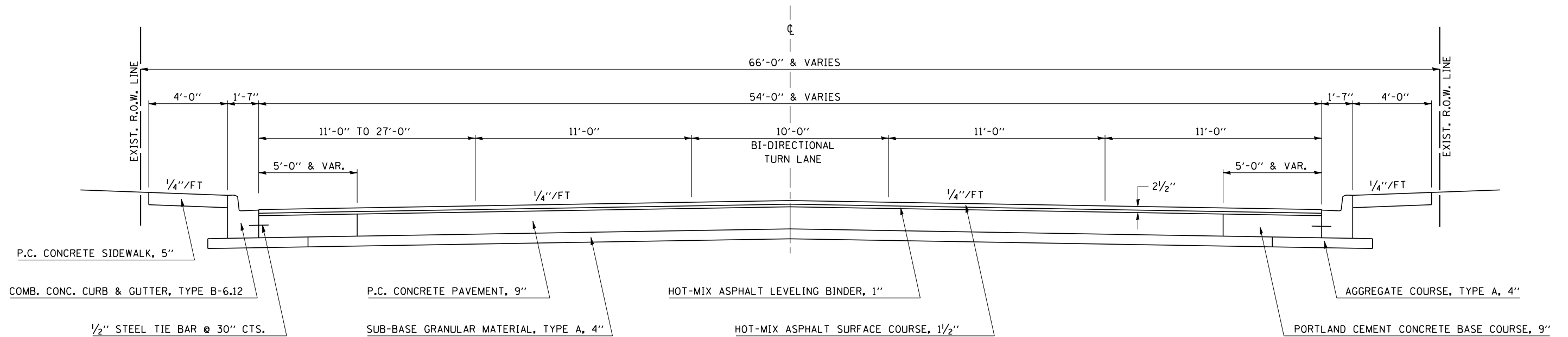
EXISTING TYPICAL CROSS SECTION

STA 96+60.00 TO STA 100+35.00 (GILBERT ST.)



EXISTING TYPICAL CROSS SECTION

STA 100+35.00 TO STA 146+50.00 (GILBERT ST.)
RAILROAD OMISSION: STA 133+59.91 TO STA 133+69.30



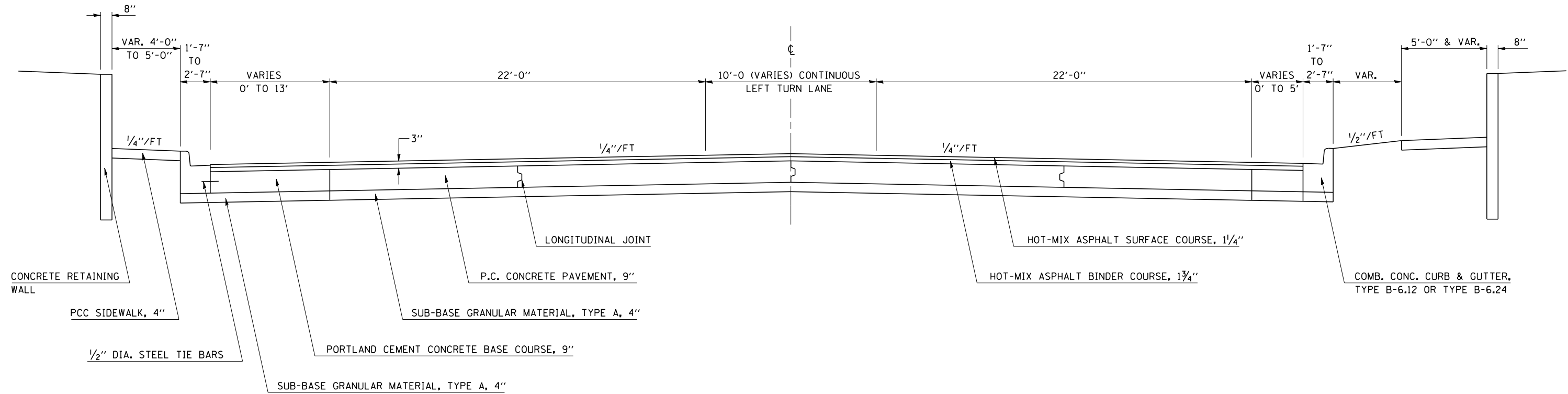
• 16'-0" RIGHT TURN LANE FROM 100+35.00 TO 103+20.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	17

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

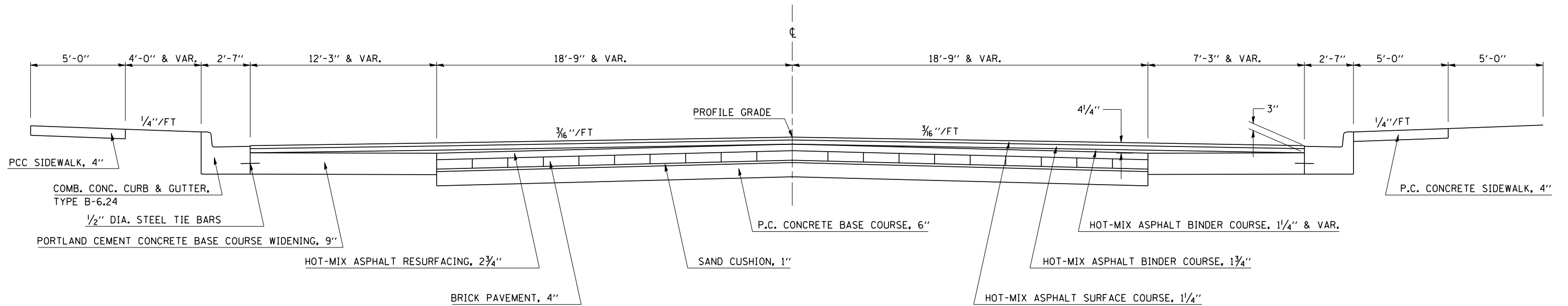
EXISTING TYPICAL CROSS SECTION

STA 146+50.00 TO STA 150+50.00 (GILBERT ST.)
STA 150+99.40 (BK) GILBERT ST. = STA 26+58.00 (AH) FAIRCHILD ST.



EXISTING TYPICAL CROSS SECTION

STA 26+58.00 TO STA 28+21.30 (FAIRCHILD ST.)

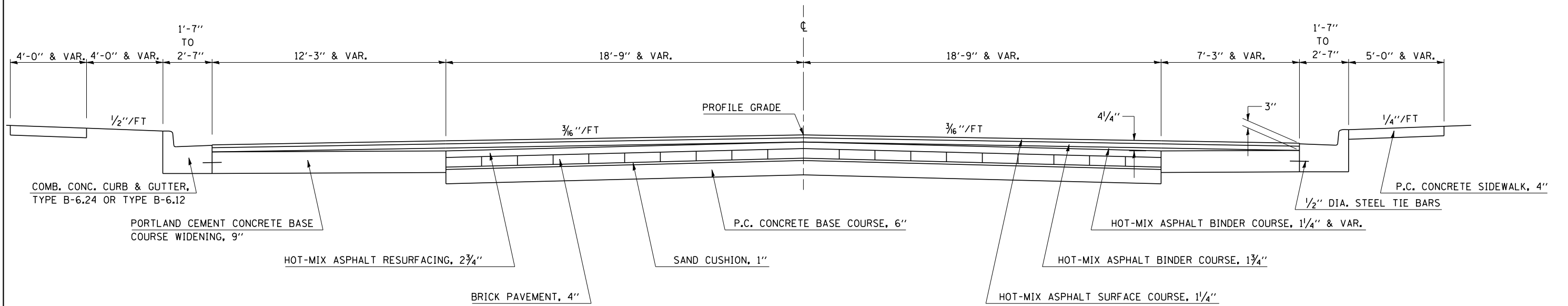


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	62	18

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

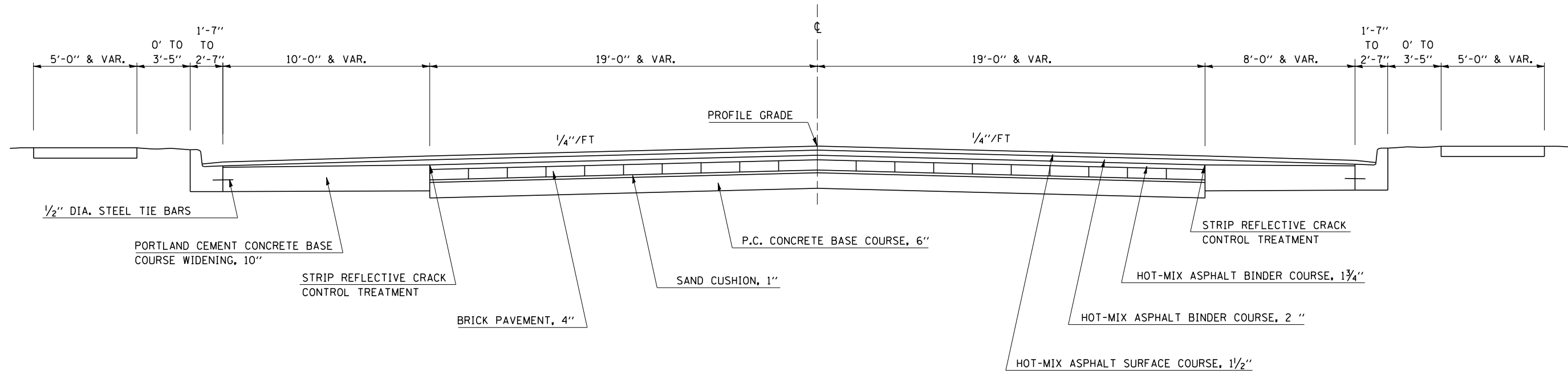
EXISTING TYPICAL CROSS SECTION

STA 28+21.30 TO STA 33+32.00 (FAIRCHILD ST.)



EXISTING TYPICAL CROSS SECTION

STA 33+32.00 TO STA 35+00.00 (BK) FAIRCHILD ST.
STA 43+43.83 (AH) TO STA 50+00.00 (BK) FAIRCHILD ST.
STA 50+00.00 (BK) FAIRCHILD ST. = STA 100+00.00 (AH) VERMILION ST.

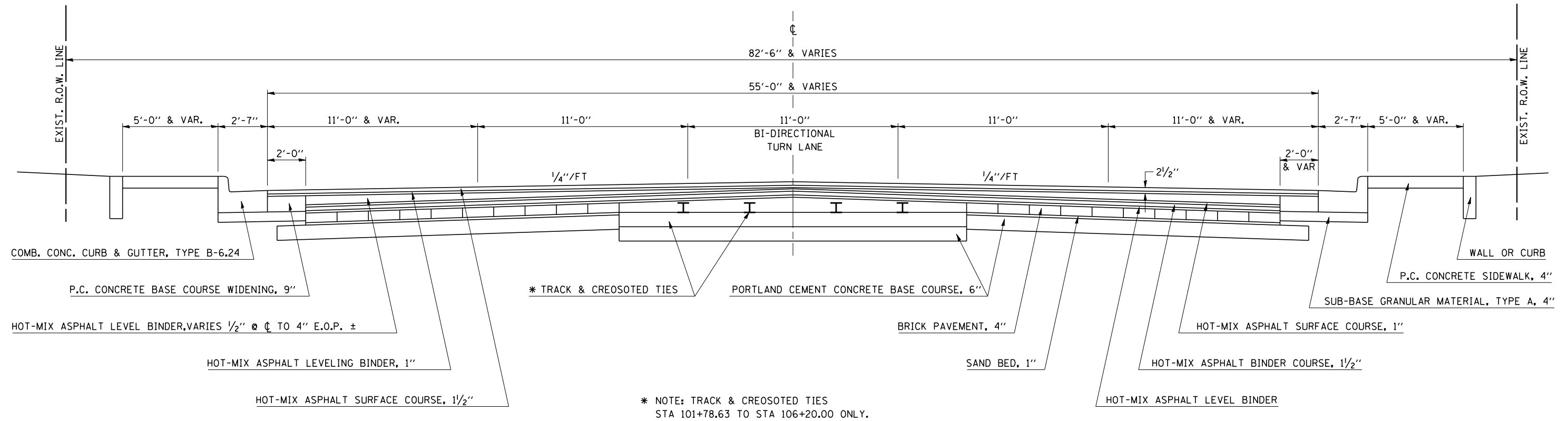


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	62	19

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

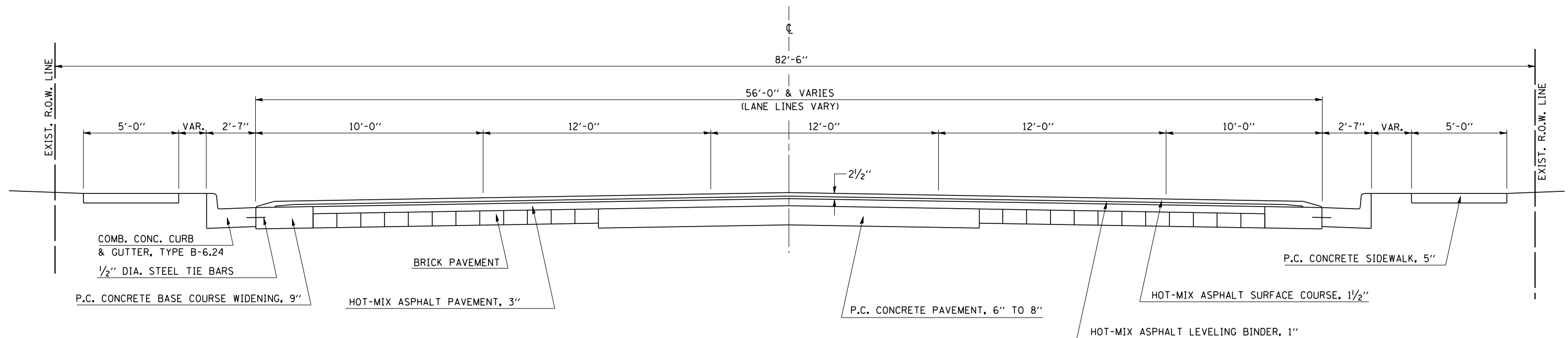
EXISTING TYPICAL CROSS SECTION

STA 100+00.00 TO STA 124+63.10 (VERMILION ST.)



EXISTING TYPICAL CROSS SECTION

STA 124+63.10 TO STA 129+16.10 (VERMILION ST.)

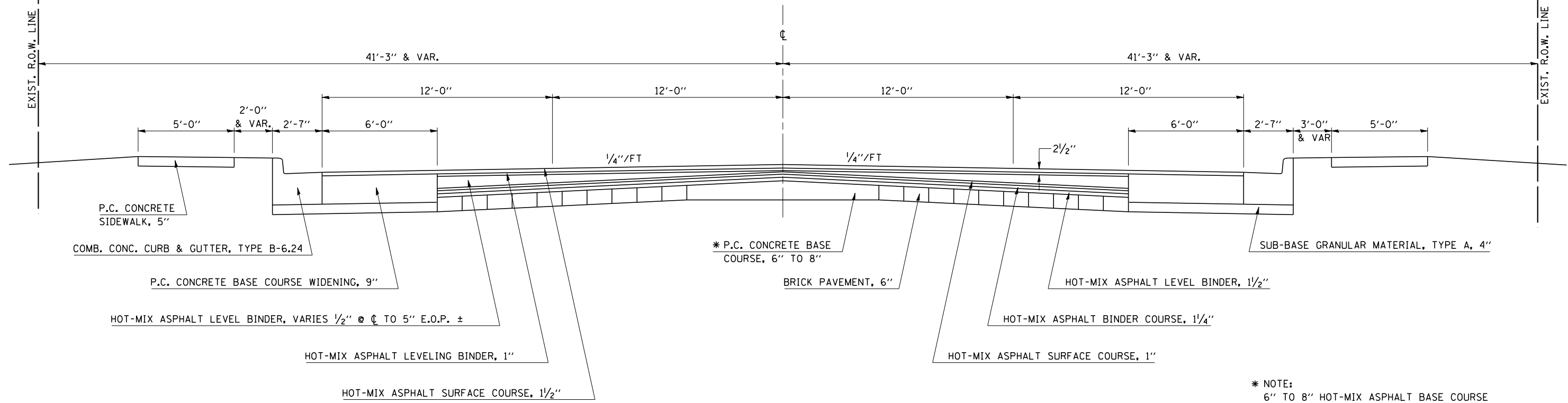


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	20

(47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

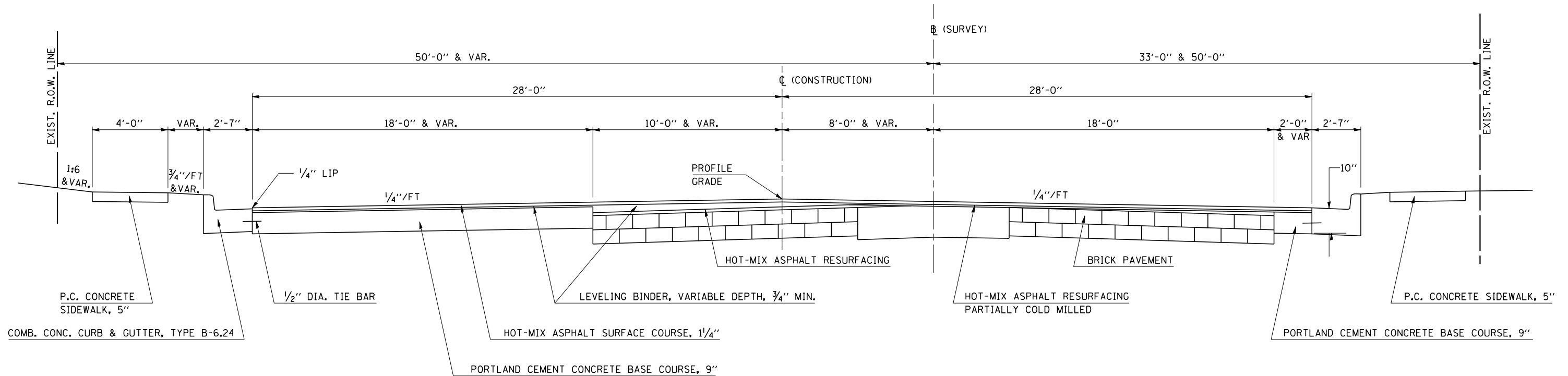
EXISTING TYPICAL CROSS SECTION

STA 129+16.10 TO STA 175+25.00 (VERMILION ST.)



EXISTING TYPICAL CROSS SECTION

STA 175+25.00 TO STA 183+00.00 (VERMILION ST.)

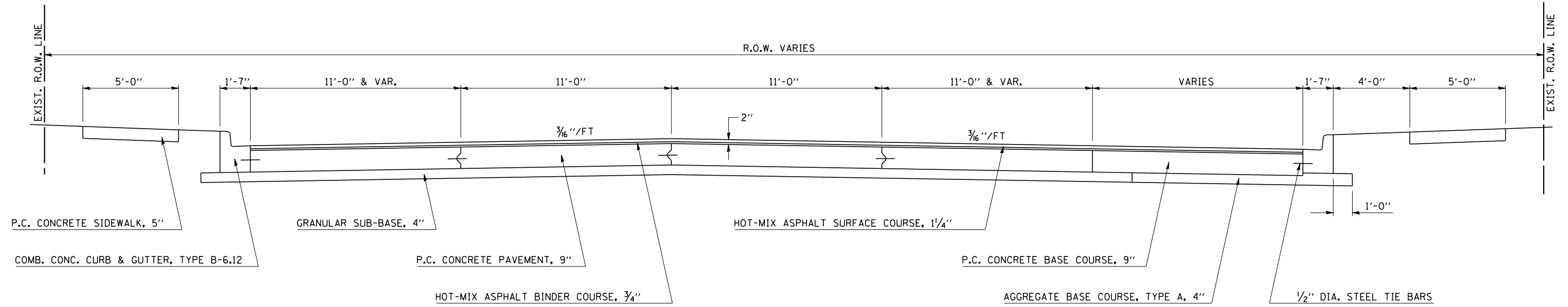


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	21

• (47Z-3)RS-1 & (52CS,4BZ-1)RS-3
CONTRACT NO. 70185

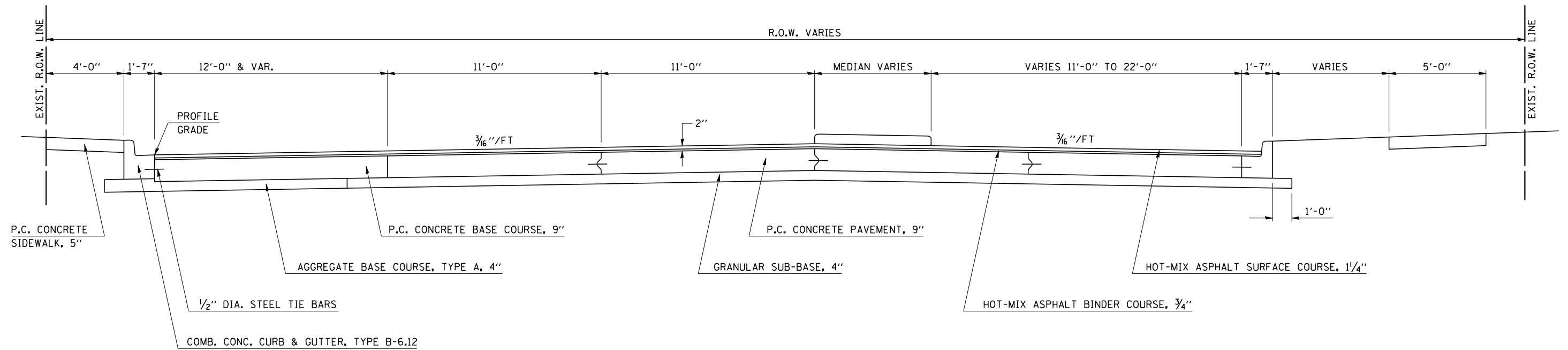
EXISTING TYPICAL CROSS SECTION

STA 188+46.00 TO STA 189+53.00 (MAIN ST.)



EXISTING TYPICAL CROSS SECTION

STA 190+45.00 TO STA 195+57.00 (MAIN ST.)
(STA 100+02.90 GILBERT ST. = STA 190+00.00 MAIN ST.)

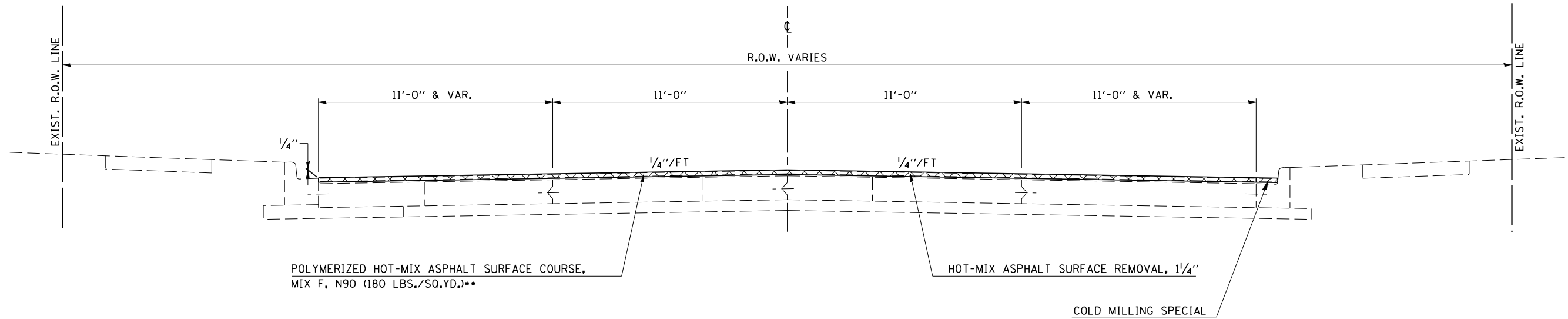


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	22

(47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

1 PROPOSED TYPICAL CROSS SECTION

STA 96+60.00 TO STA 100+35.00 (GILBERT ST.) 2

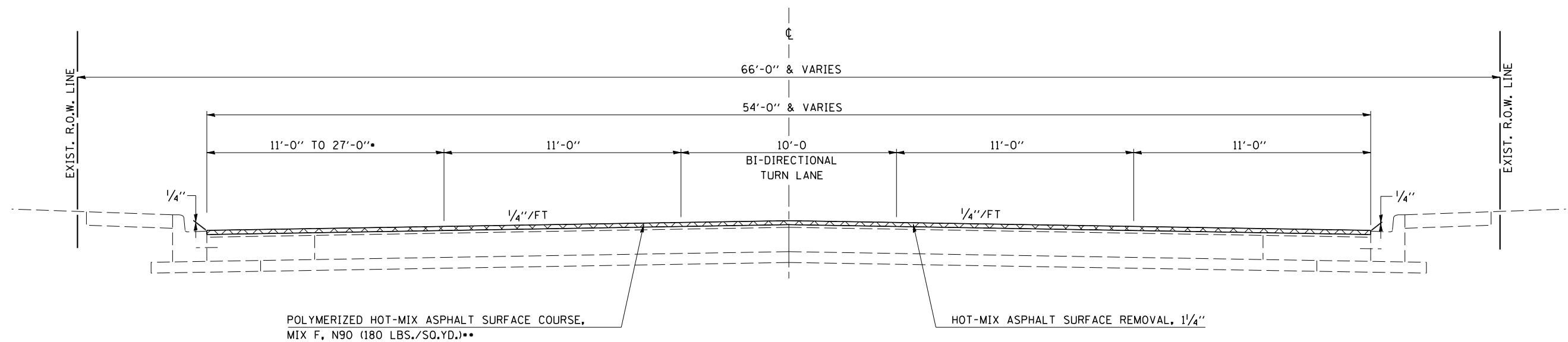


** THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

2 PROPOSED TYPICAL CROSS SECTION

1 STA 100+35.00 TO STA 146+50.00 (GILBERT ST.) 3

RAILROAD OMISSION: STA 133+59.91 TO STA 133+69.30



• 16'-0" RIGHT TURN LANE FROM 100+35.00 TO 103+20.00

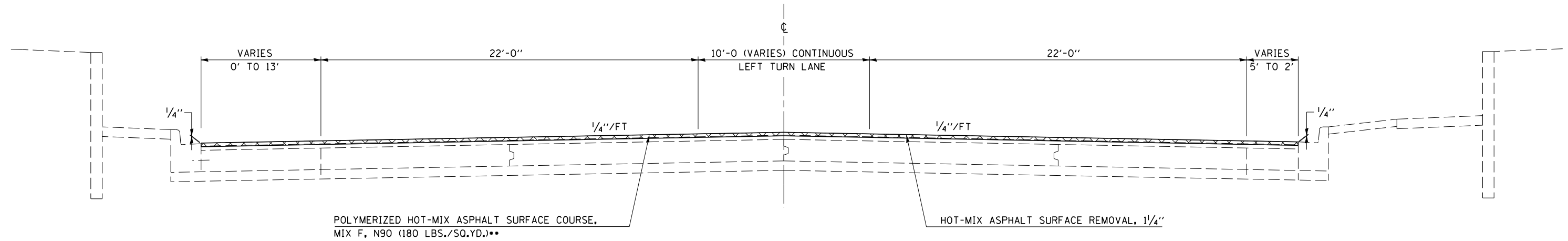
** THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	23

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

3 PROPOSED TYPICAL CROSS SECTION

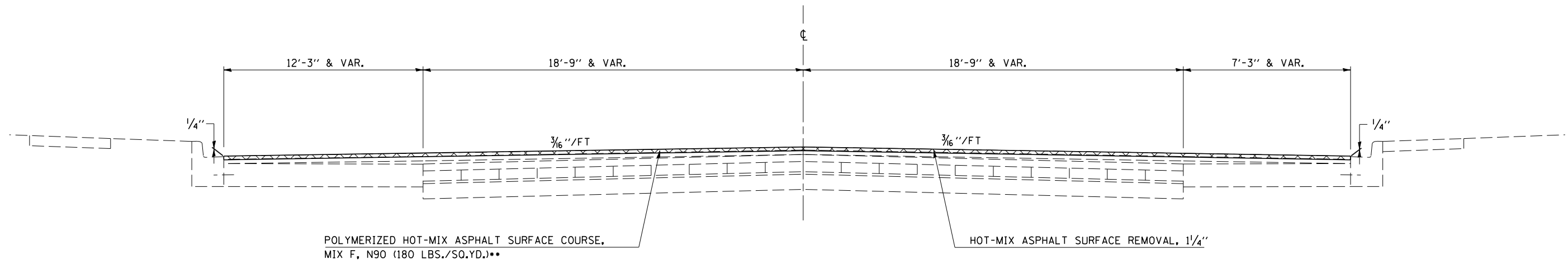
② STA 146+50.00 TO STA 150+99.38 (GILBERT ST.) ④
STATION EQUATION: STA 150+99.40 (GILBERT ST.) BK = STA 26+58.00 (FAIRCHILD ST.) AH



•• THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

4 PROPOSED TYPICAL CROSS SECTION

③ STA 26+58.00 TO STA 28+21.30 (FAIRCHILD ST.) ⑤
STATION EQUATION: STA 150+99.40 (GILBERT ST.) BK = STA 26+58.00 (FAIRCHILD ST.) AH



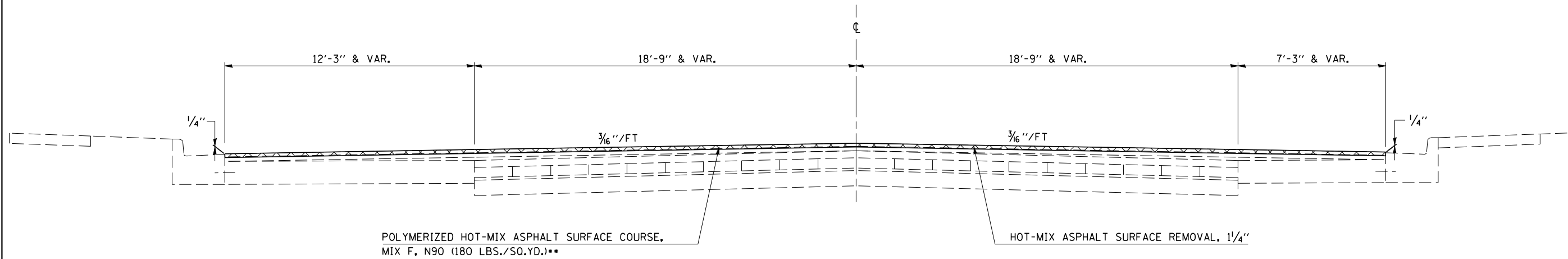
•• THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	24

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

5 PROPOSED TYPICAL CROSS SECTION

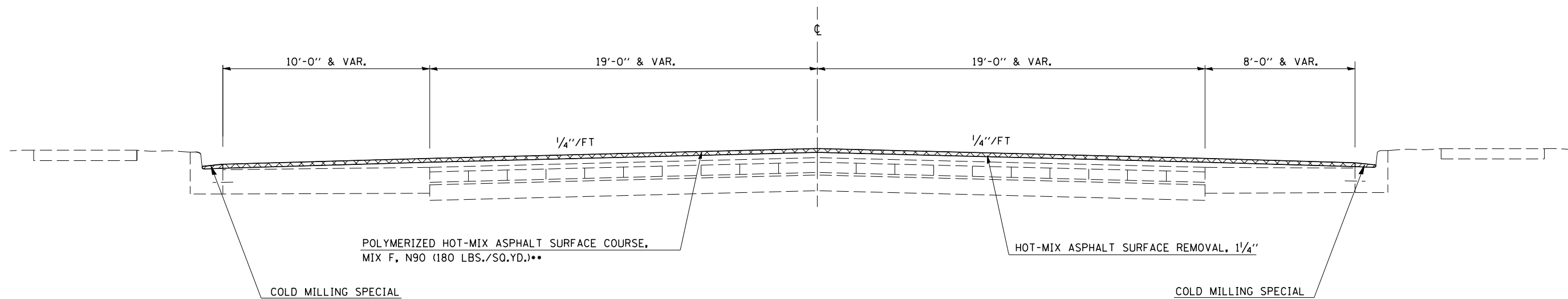
4 STA 28+21.30 TO STA 33+32.00 (FAIRCHILD ST.) 6



** THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

6 PROPOSED TYPICAL CROSS SECTION

5 STA 33+32.00 TO 35+00.00 (BK) FAIRCHILD ST.
STA 43+43.83 (AH) TO STA 50+00.00 (BK) FAIRCHILD ST. 7
STA EQ 50+00.00 (BK) FAIRCHILD ST. = STA 100+00.00 (AH) VERMILION ST.



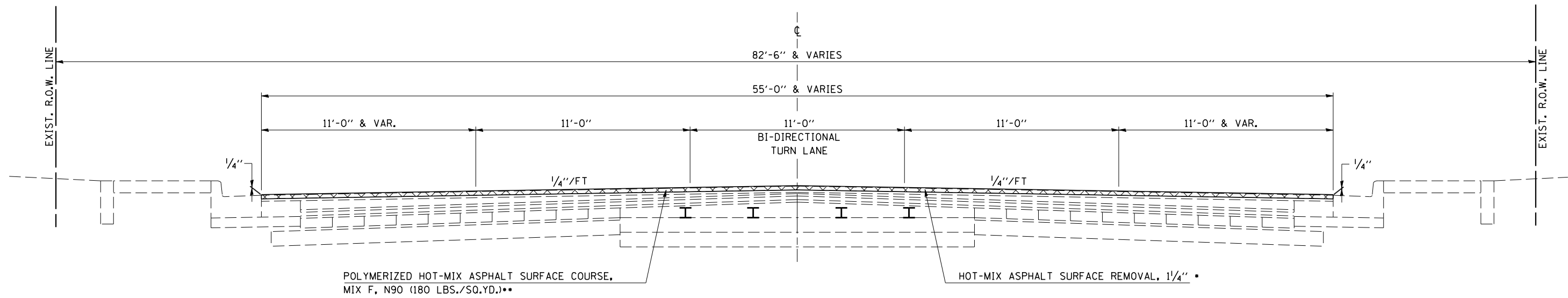
** THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	62	25

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

7 PROPOSED TYPICAL CROSS SECTION

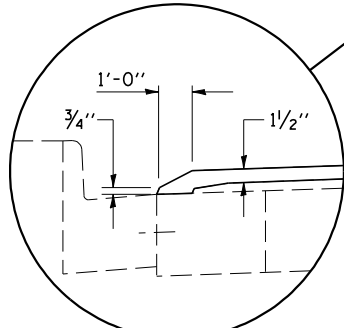
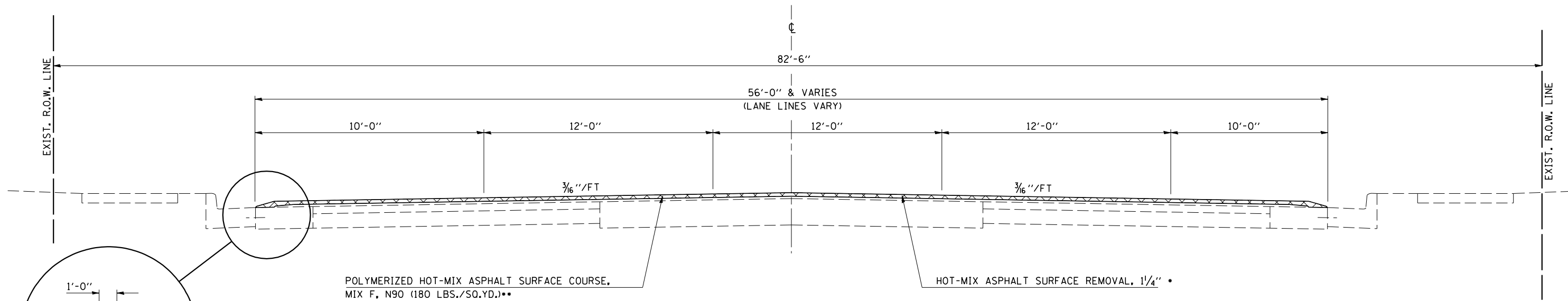
⑥ STA 100+00.00 TO STA 124+63.10 (VERMILION ST.) ⑧



- THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.
- THE MILLING SHOULD BEGIN AT THE E.O.P. MILL 1 1/4" DOWN AND CARRY THE SLOPE OF 1/4"/FT TOWARDS CENTERLINE.

8 PROPOSED TYPICAL CROSS SECTION

⑦ STA 124+63.10 TO STA 129+16.10 (VERMILION ST.) ⑨



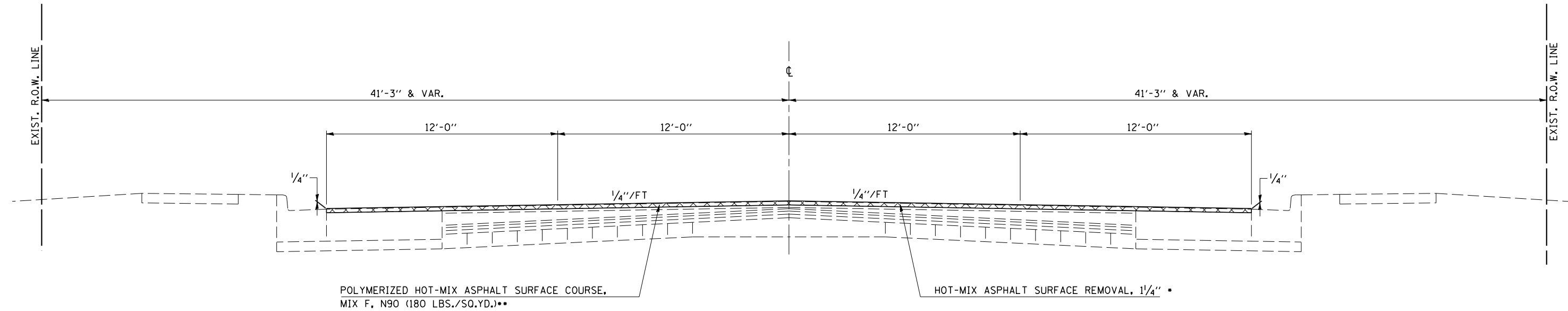
- THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.
- THE MILLING SHOULD BEGIN AT THE E.O.P. MILL 1 1/4" DOWN AND CARRY THE SLOPE OF 1/4"/FT TOWARDS CENTERLINE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	26

• (47Z-3)RS-1 & (52CS,4BZ-1)RS-3
CONTRACT NO. 70185

9 PROPOSED TYPICAL CROSS SECTION

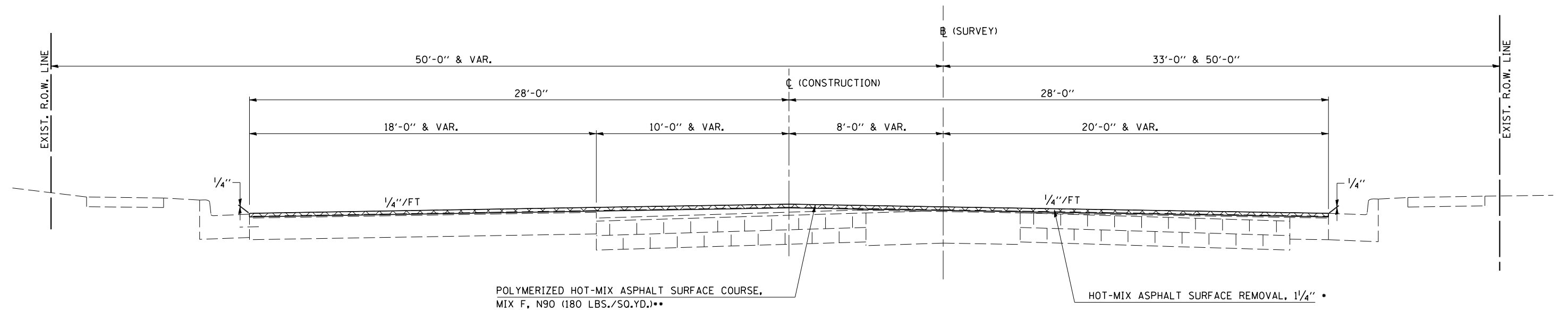
8 STA 129+16.10 TO STA 175+25.00 (VERMILION ST.) 10



- THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.
- THE MILLING SHOULD BEGIN AT THE E.O.P. MILL 1/4" DOWN AND CARRY THE SLOPE OF 1/4"/FT TOWARDS CENTERLINE.

10 PROPOSED TYPICAL CROSS SECTION

9 STA 175+25.00 TO STA 183+00.00 (VERMILION ST.)



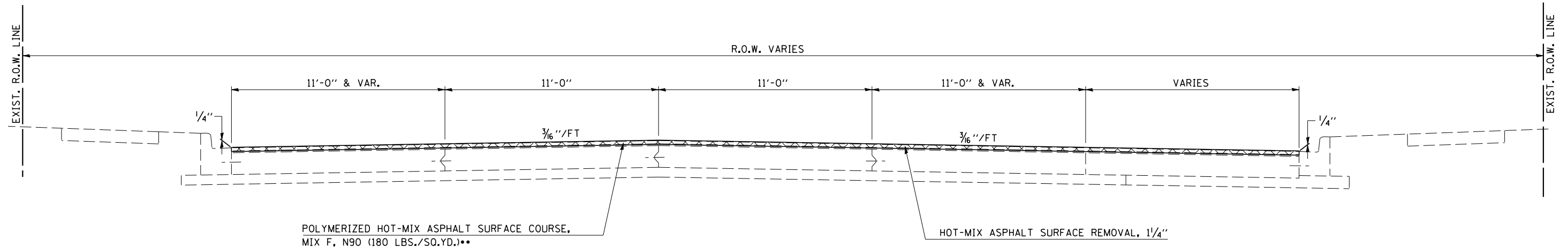
- THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.
- THE MILLING SHOULD BEGIN AT THE E.O.P. MILL 1/4" DOWN AND CARRY THE SLOPE OF 1/4"/FT TOWARDS CENTERLINE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	27

• (47Z-3)RS-1 & (52CS,48Z-1)RS-3
CONTRACT NO. 70185

PROPOSED TYPICAL CROSS SECTION

STA 188+46.00 TO STA 189+53.00 (MAIN ST.)



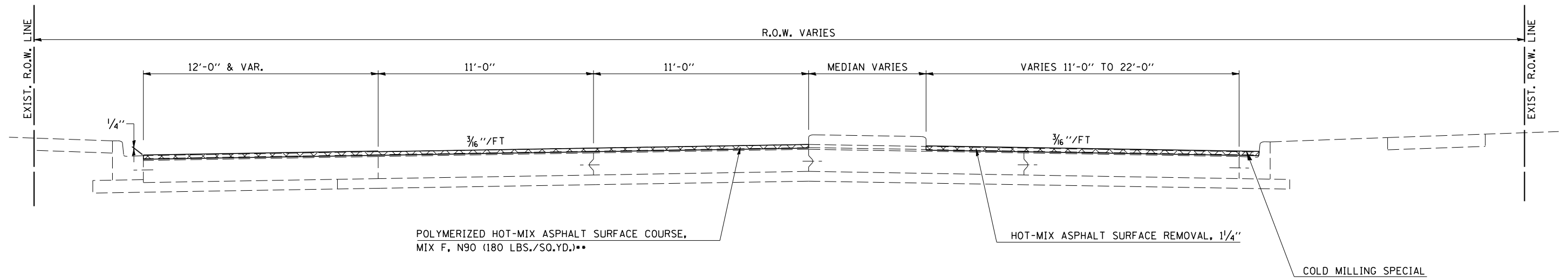
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
MIX F, N90 (180 LBS./SQ.YD.)**

HOT-MIX ASPHALT SURFACE REMOVAL, 1/4"

** THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

PROPOSED TYPICAL CROSS SECTION

STA 190+45.00 TO STA 195+57.00 (MAIN ST.)
(STA 100+02.9 GILBERT ST. = STA 190+00.0 MAIN ST.)



POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
MIX F, N90 (180 LBS./SQ.YD.)**

HOT-MIX ASPHALT SURFACE REMOVAL, 1/4"

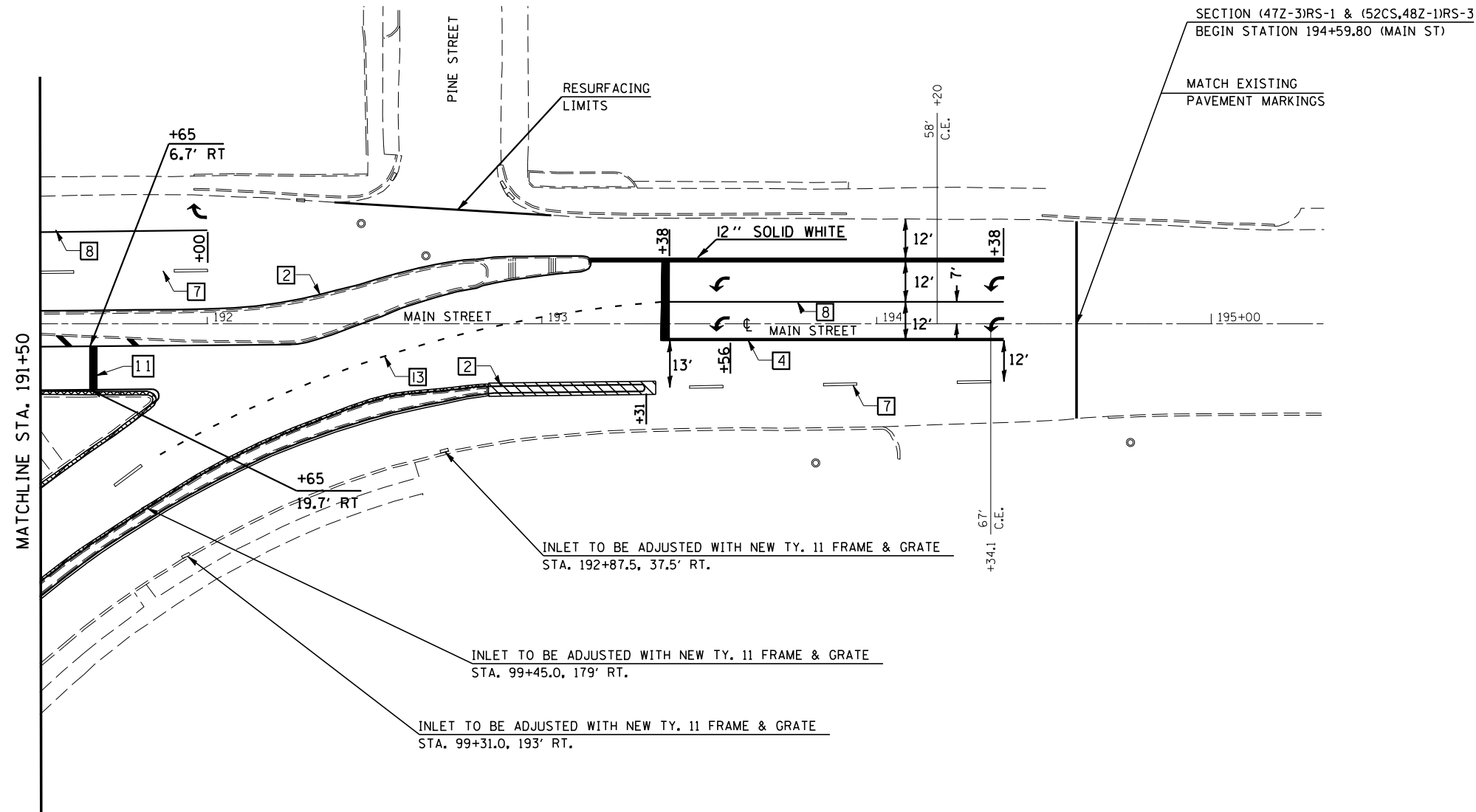
COLD MILLING SPECIAL

** THE POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 HAS BEEN CALCULATED AT 120 LB/SQ.YD./IN.

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	29
STA. 191+50		TO STA. 194+59.80		
FED. ROAD DIST. NO. _		ILLINOIS FED. AID PROJECT		
*(47Z-3)RS-1 & (52CS,48Z-1)RS-3				



PARTIAL DEPTH PATCHING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

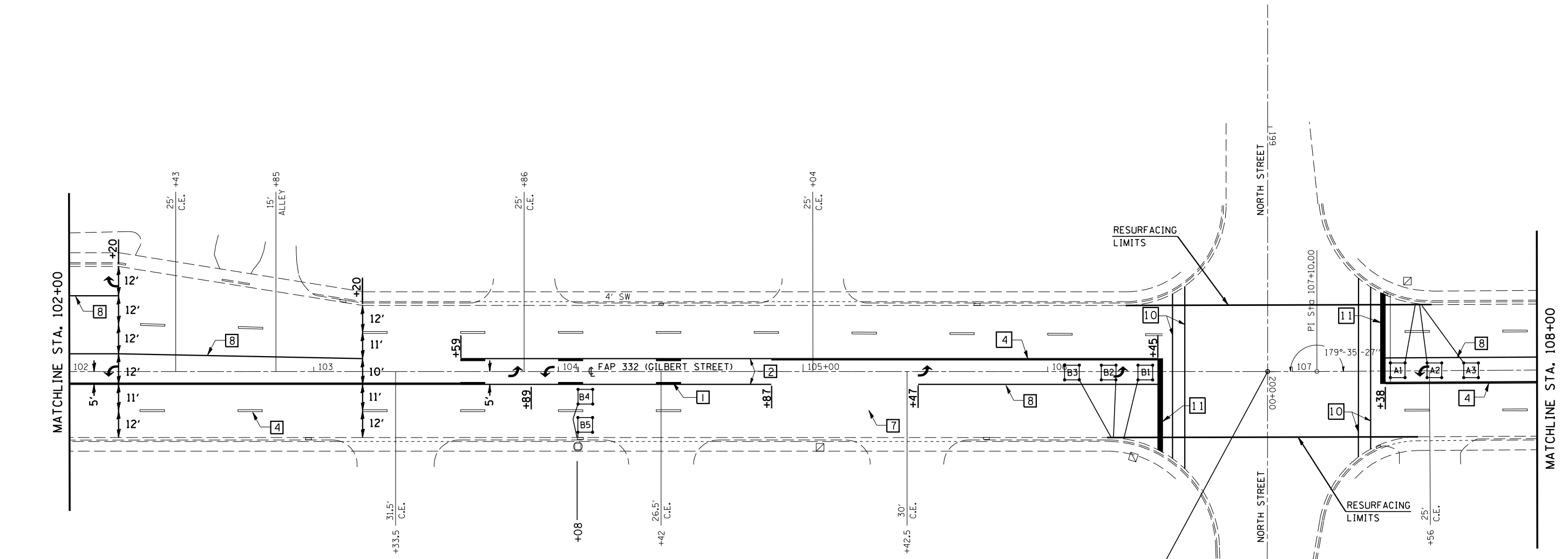
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

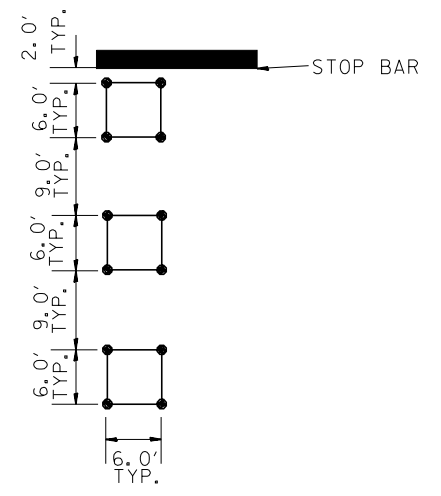
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PLOT SCALE = 42,352% / IN.
USER NAME = carrollt

T 19 N, R 11 W, SEC. 5, 2ND P.M.

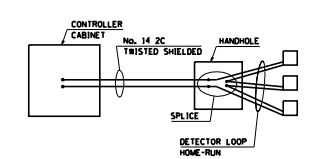
CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	30
STA. 102+00		TO STA. 108+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
•(47Z-3IRS-1 & 152CS,4BZ-1RS-3				



DETECTOR LOOP LAYOUT



DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH SINGLE PAIR CABLE



DETECTOR LOOP DATA		
NORTH ST.		
LOOP	SIZE	TURNS
A1-3	6' x 6'	3
A4-5	6' x 6'	4
B1-3	6' x 6'	3
B4-5	6' x 6'	4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. _____
HORIZ. _____

DATE _____

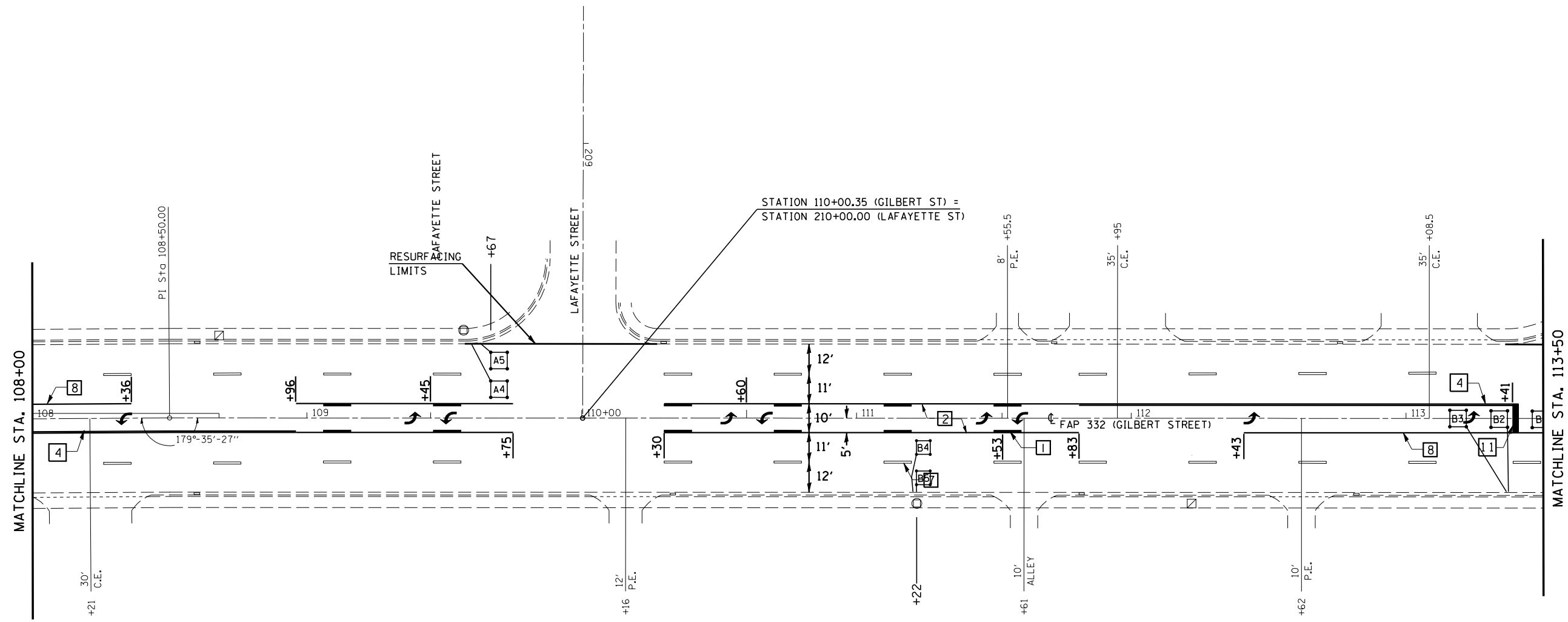
DRAWN BY _____
CHECKED BY _____

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PLOT SCALE = 42,352% / IN.
USER NAME = carrollr

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	31
STA. 108+00		TO STA. 113+50		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
*47Z-31RS-1 & 152CS,48Z-1RS-3				



PLOT DATE = 3/27/2007
 FILE NAME = c:\projects\4803801\c81\atp\atp.dgn
 PLOT SCALE = 42.3524' / IN.
 USER NAME = carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

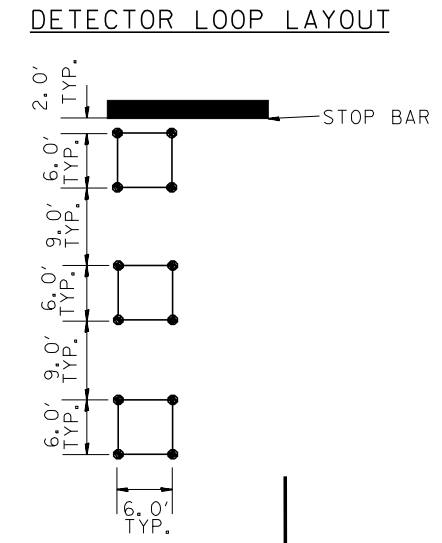
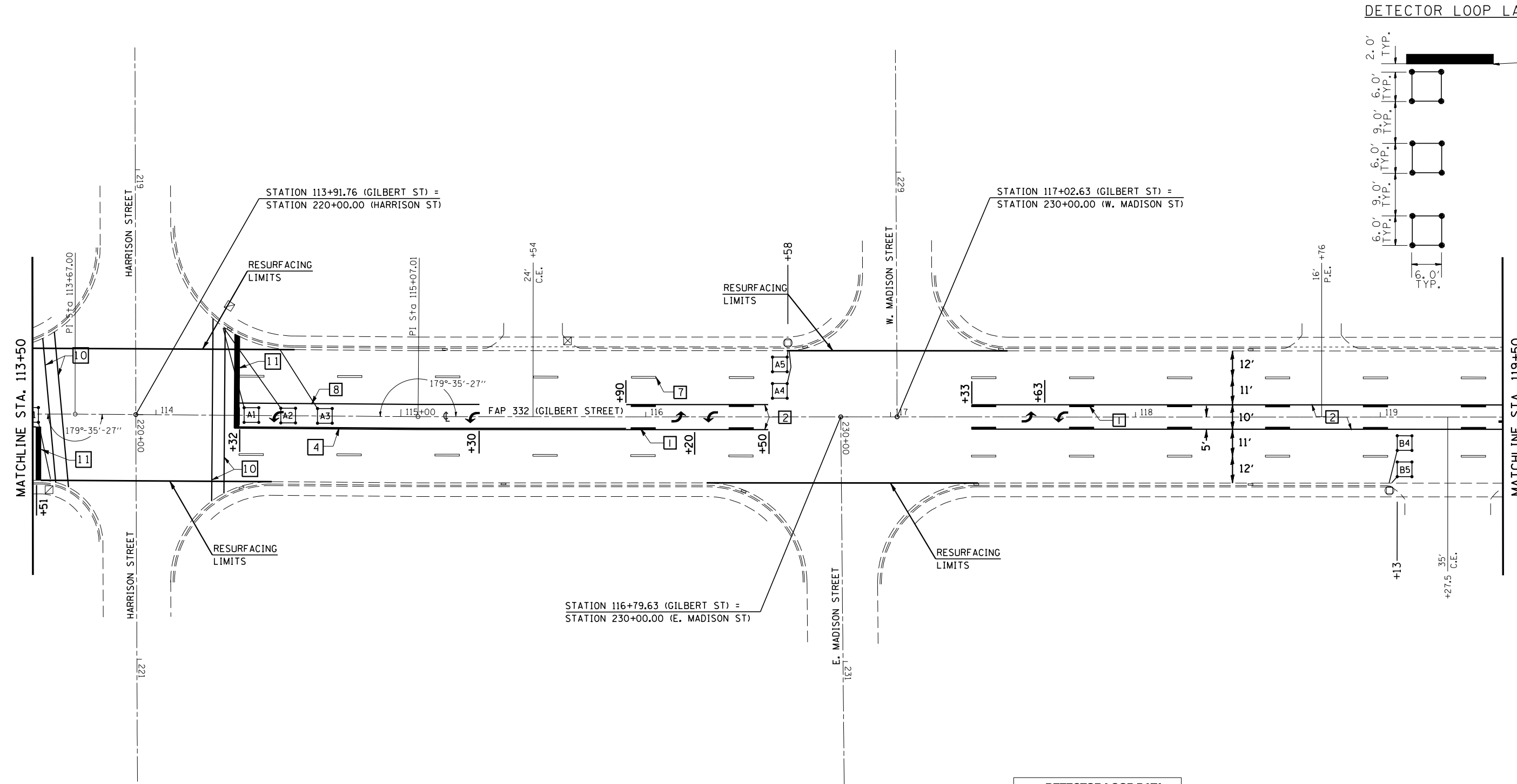
ROADWAY PLANS

SCALE: VERT. / HORIZ.
 DATE

DRAWN BY
 CHECKED BY

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	32
STA. 113+50		TO STA. 119+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
+147Z-3)RS-1 & (52CS,48Z-1)RS-3				



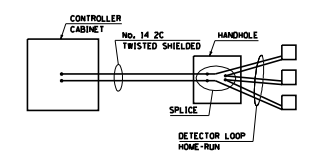
STATION 116+79.63 (GILBERT ST) =
STATION 230+00.00 (E. MADISON ST)

STATION 117+02.63 (GILBERT ST) =
STATION 230+00.00 (W. MADISON ST)

STATION 113+91.76 (GILBERT ST) =
STATION 220+00.00 (HARRISON ST)

DETECTOR LOOP DATA		
HARRISON ST.		
LOOP	SIZE	TURNS
A1-3	6' x 6'	3
A4-5	6' x 6'	3
B1-3	6' x 6'	3
B4-5	6' x 6'	4

DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH SINGLE PAIR CABLE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. DATE
HORIZ. DATE

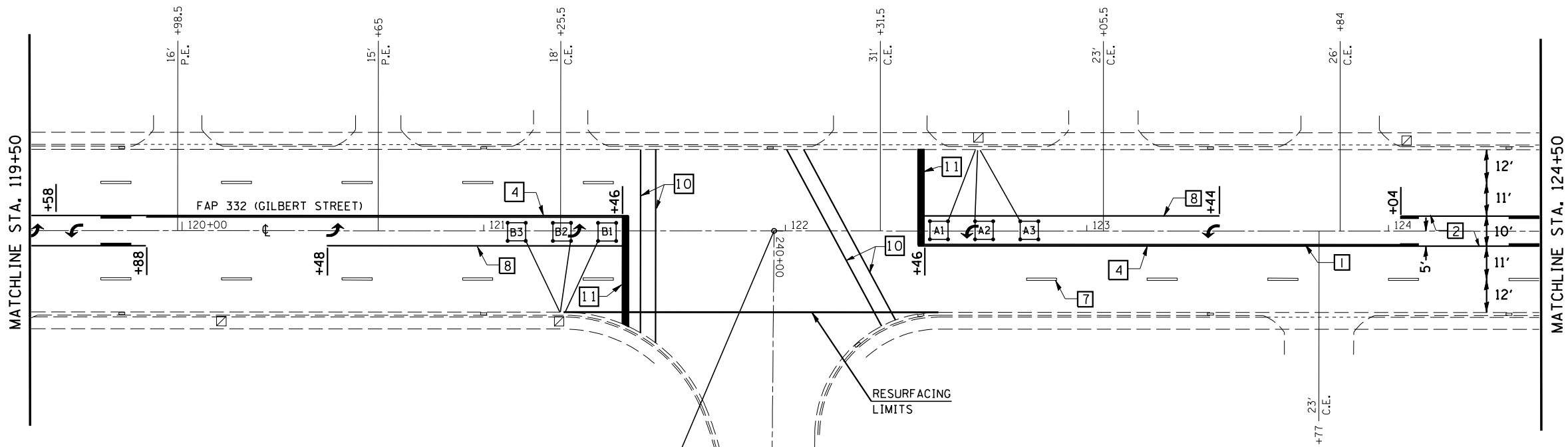
DRAWN BY
CHECKED BY

PLOT DATE = 3/27/2007
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USER NAME = cernolirt

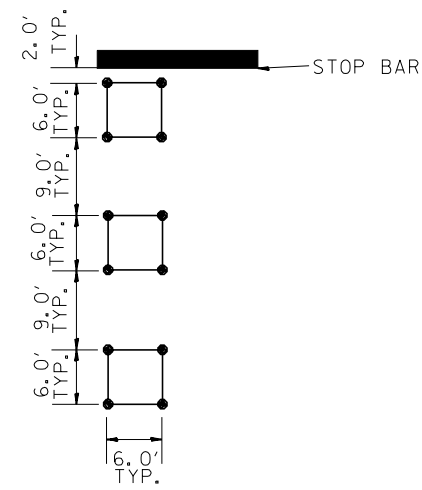
T 19 N, R 11 W, SEC. 5, 2ND P.M.



CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	33
STA. 119+50		TO STA. 124+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*147Z-31RS-1 & (52CS,48Z-1)RS-3				

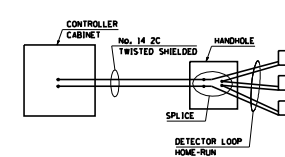


DETECTOR LOOP LAYOUT



STATION 121+96.27 (GILBERT ST) =
STATION 240+00.00 (SEMINARY ST)

DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH SINGLE PAIR CABLE



DETECTOR LOOP DATA		
SEMINARY ST.		
LOOP	SIZE	TURNS
A1-3	6' x 6'	3
A4-5	6' x 6'	4
B1-3	6' x 6'	3
B4-5	6' x 6'	4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

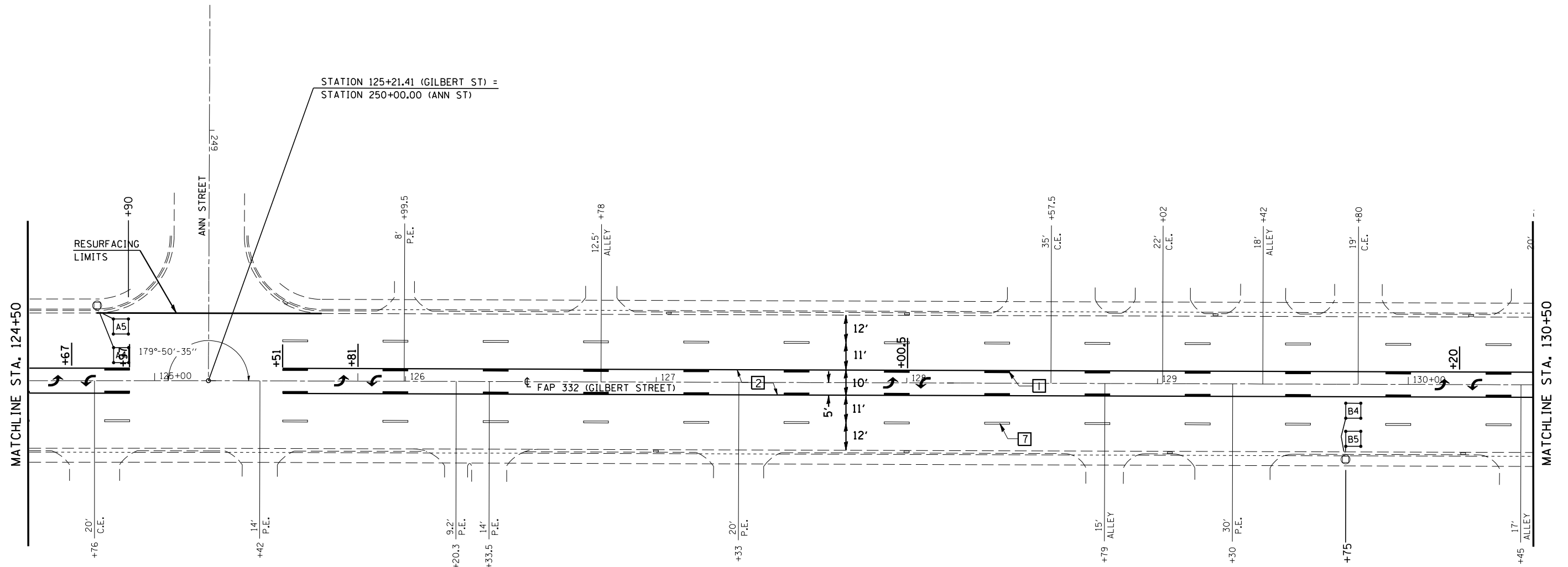
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	34
STA. 124+50		TO STA. 130+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
*(47Z-3)RS-1 & (52CS,4BZ-1)RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4893881\4893881.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

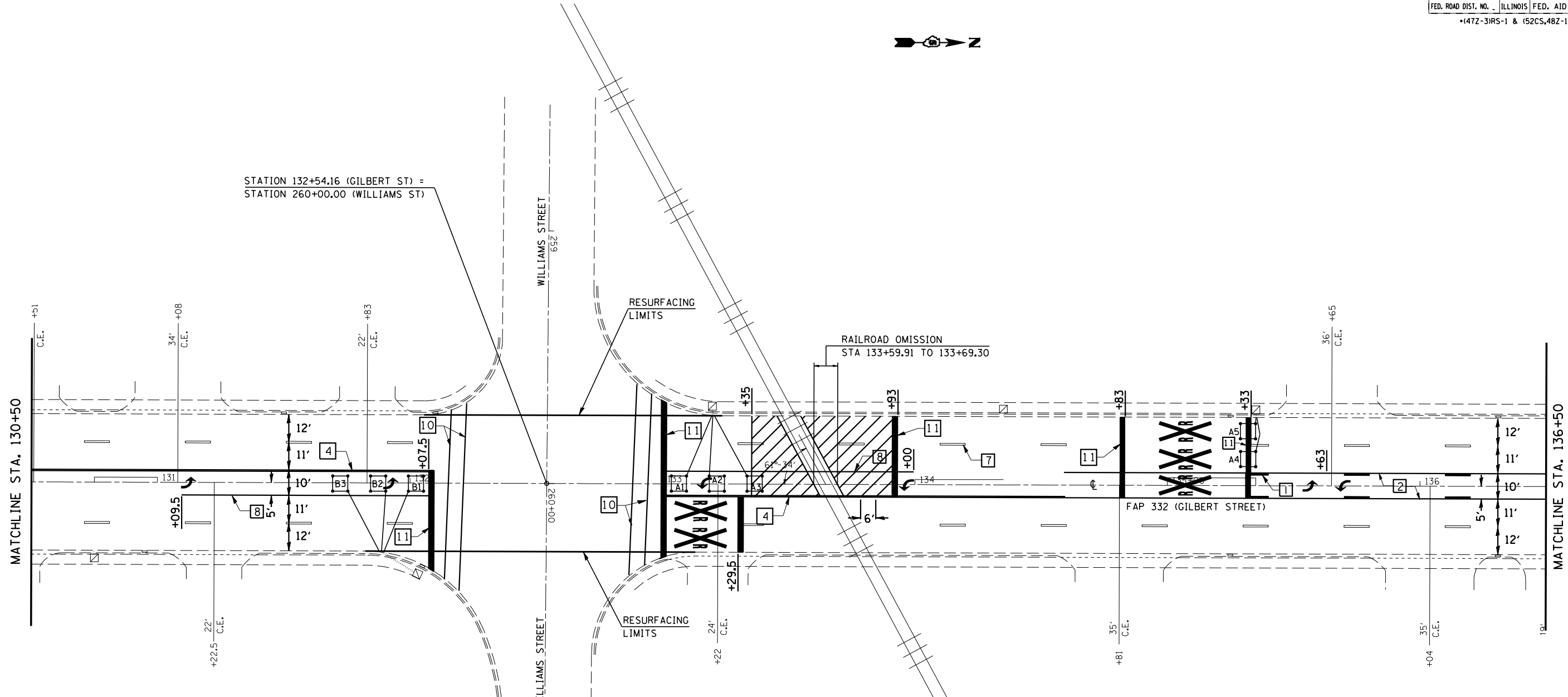
ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

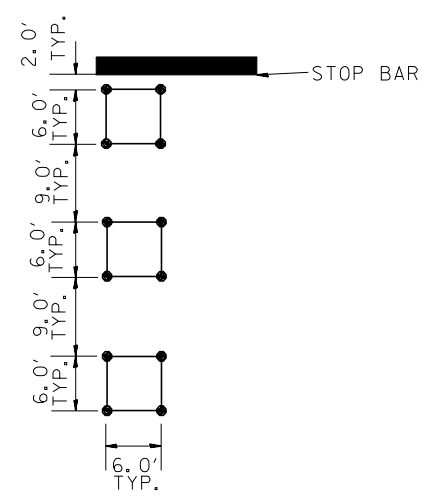
SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

T 19 N, R 11 W, SEC. 5, 2ND P.M.

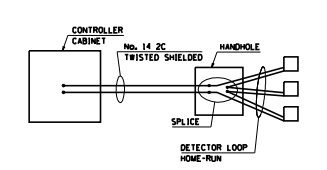
CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	35
STA. 130+50		TO STA. 136+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
•(47Z-3)RS-1 & (52CS,48Z-1)RS-3				



DETECTOR LOOP LAYOUT



DETAIL OF DETECTOR LOOP WIRING



DETECTOR LOOP DATA		
WILLIAMS ST.		
LOOP	SIZE	TURNS
A1-3	6' x 6'	3
A4-5	6' x 6'	3
B1-3	6' x 6'	3
B4-5	6' x 6'	4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. _____
HORIZ. _____

DATE _____

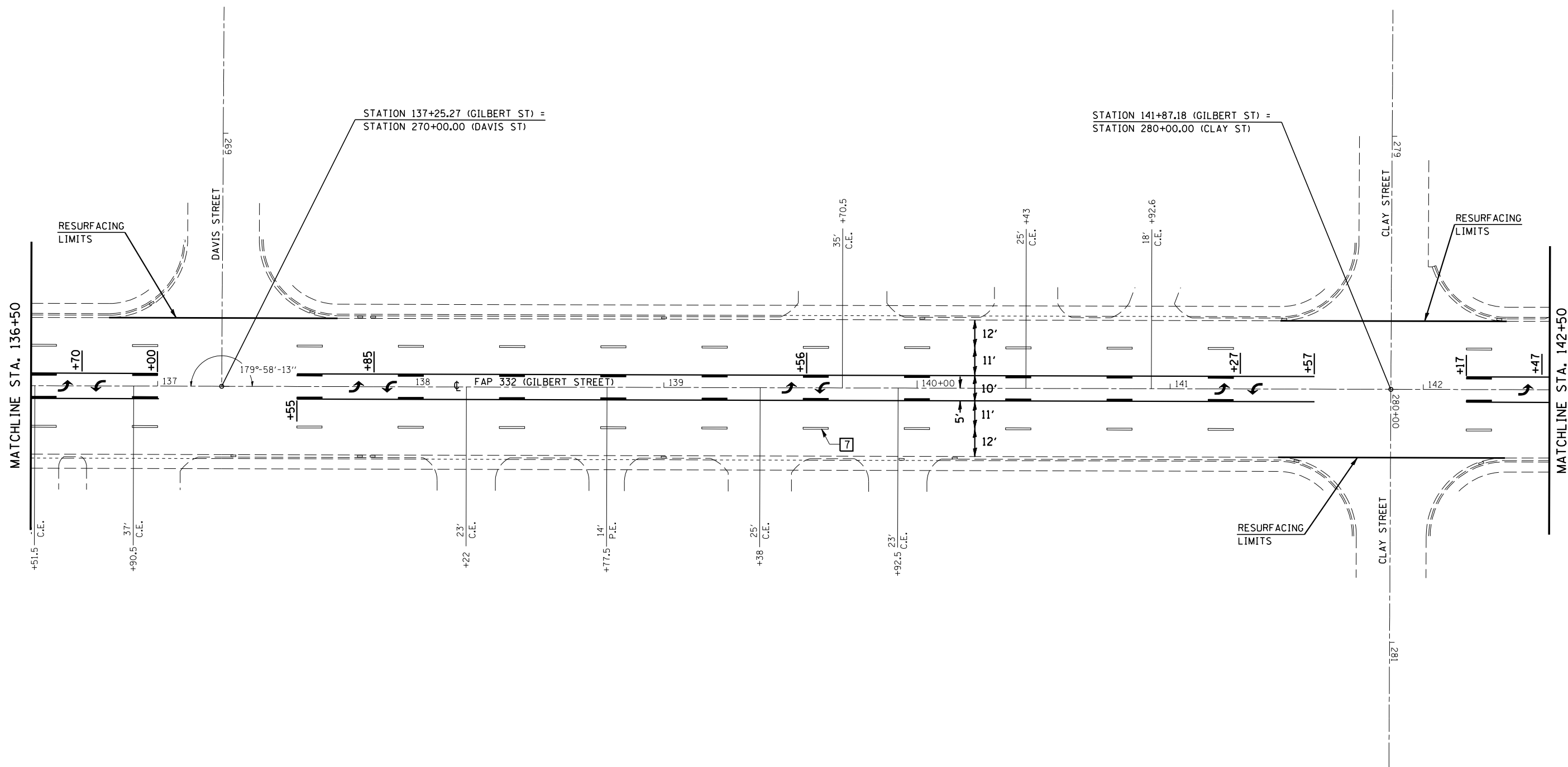
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CHECKED BY _____

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PLOT SCALE = 42,352% / IN.
USER NAME = crollrt

T 19 N, R 11 W, SEC. 5, 2ND P.M.



CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	36
STA. 136+50		TO STA. 142+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
+147Z-3)RS-1 & (52CS,482-1)RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4893881\c81\at\riping.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

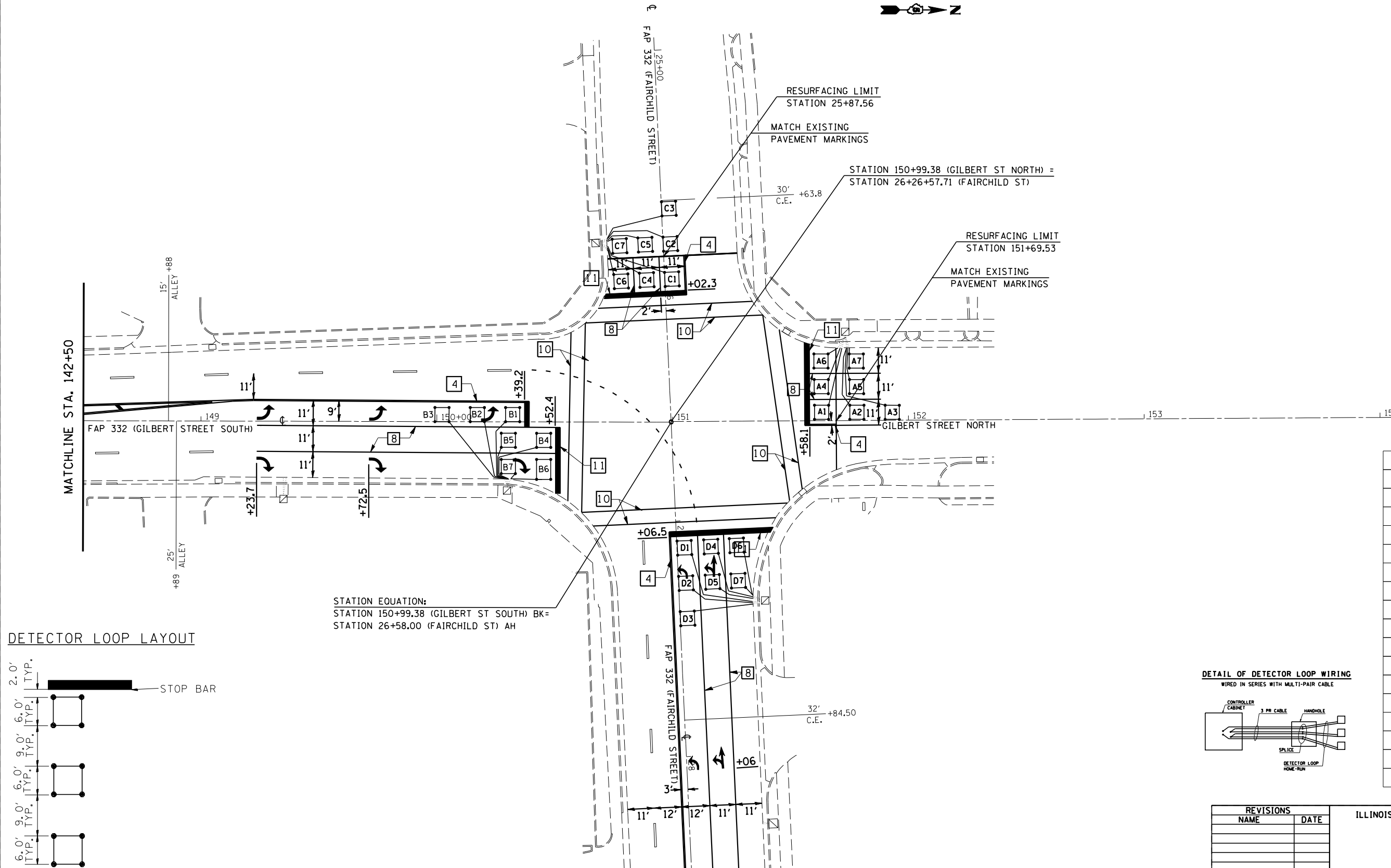
ROADWAY PLANS

SCALE: VERT. / HORIZ.
 DATE

DRAWN BY
 CHECKED BY

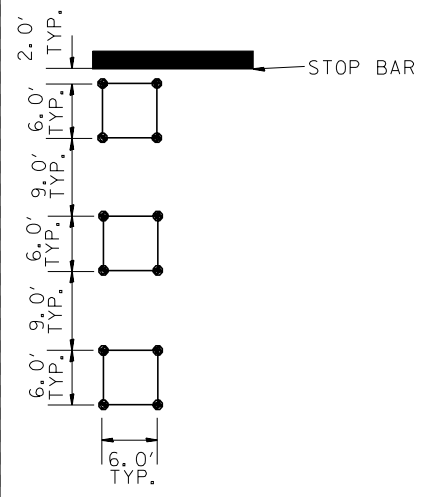
T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	38
STA. 142+50		TO STA. 28+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+147Z-3)RS-1 & (52CS,48Z-1)RS-3				

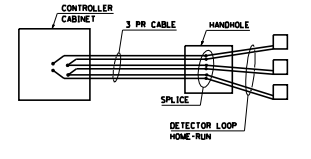


STATION EQUATION:
 STATION 150+99.38 (GILBERT ST SOUTH) BK=
 STATION 26+58.00 (FAIRCHILD ST) AH

DETECTOR LOOP LAYOUT



DETAIL OF DETECTOR LOOP WIRING
 WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA		
GILBERT ST. & FAIRCHILD ST.		
LOOP	SIZE	TURNS
A1-3	6' X 6'	4
A4-5	6' X 6'	3
A6-7	6' X 6'	3
B1-3	6' X 6'	4
B4-5	6' X 6'	4
B6	6' X 8.5'	3
B7	6' X 6'	3
B8-9	6' X 6'	5
C1-3	6' X 6'	4
C4-5	6' X 6'	4
C6-7	6' X 6'	4
D1-3	6' X 6'	3
D4-5	6' X 6'	3
D6-7	6' X 6'	3
D8-9	6' X 6'	5

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. DATE
 HORIZ. DATE

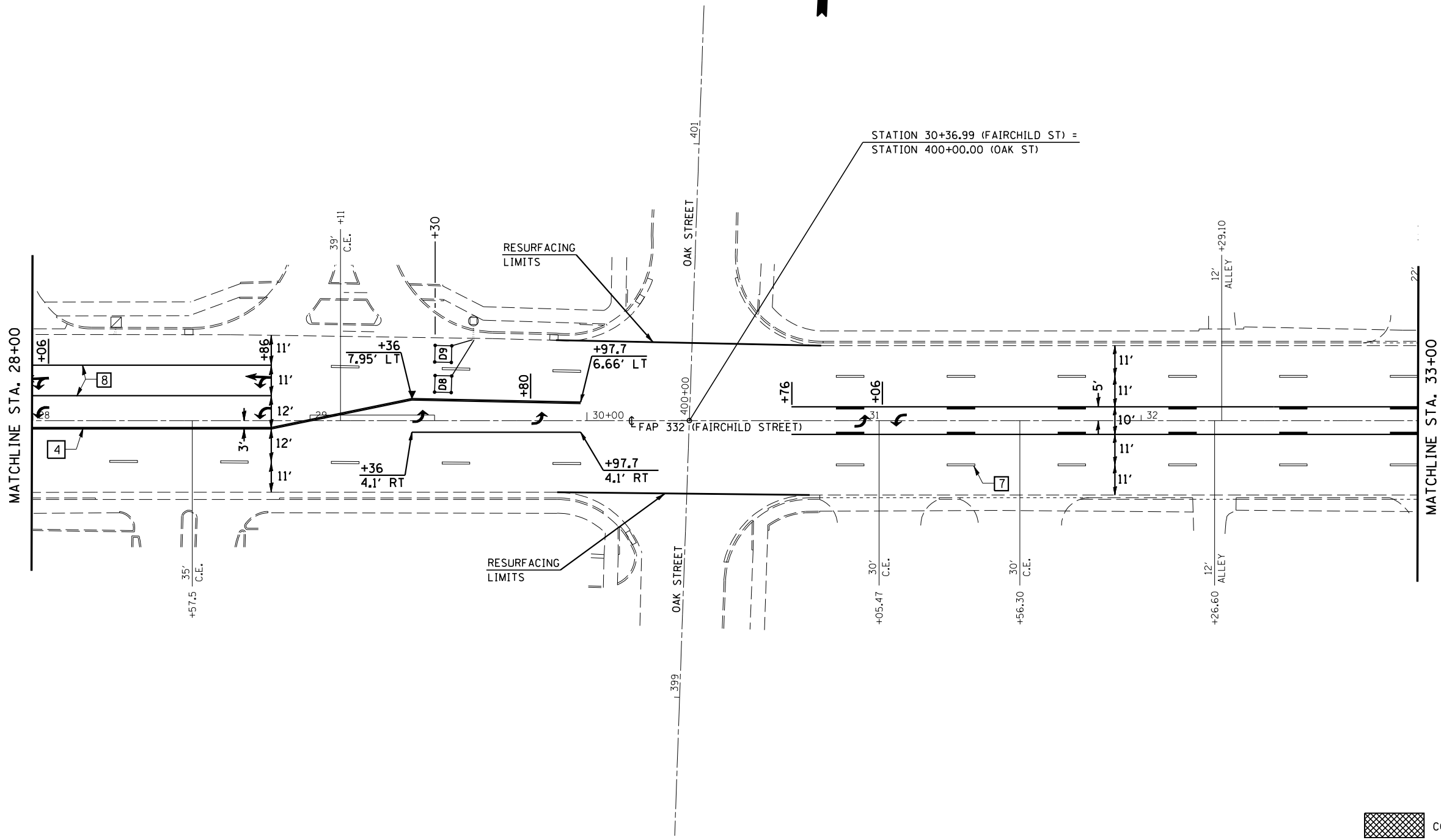
DRAWN BY
 CHECKED BY


PLOT DATE = 3/27/2007
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 PLOT SCALE = 42,352% / IN.
 USER NAME = cecollrt

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	39
STA. 28+00		TO STA. 33+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
+147Z-3)RS-1 & (52CS,48Z-1)RS-3				



 COLD MILLING SPECIAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

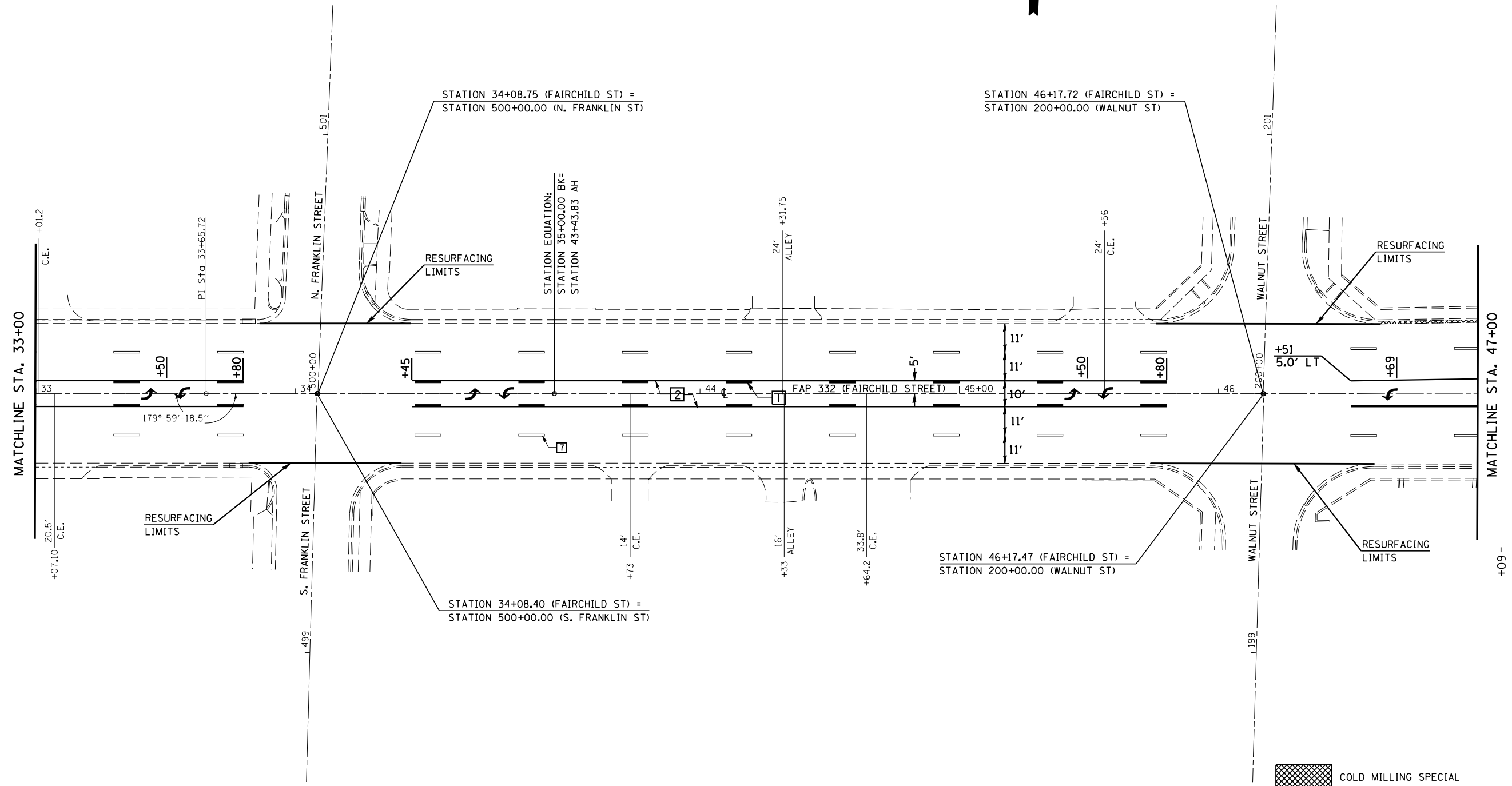
ROADWAY PLANS

SCALE: VERT. DATE: HORIZ. DRAWN BY: CHECKED BY:

PLOT DATE = 3/27/2007
 FILE NAME = c:\projects\4893881\c81\at\riping.dgn
 PLOT SCALE = 42,352% / IN.
 USER NAME = carrollt

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	40
STA. 33+00		TO STA. 47+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*(472-3)RS-1 & (52CS,48Z-1)RS-3				



COLD MILLING SPECIAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

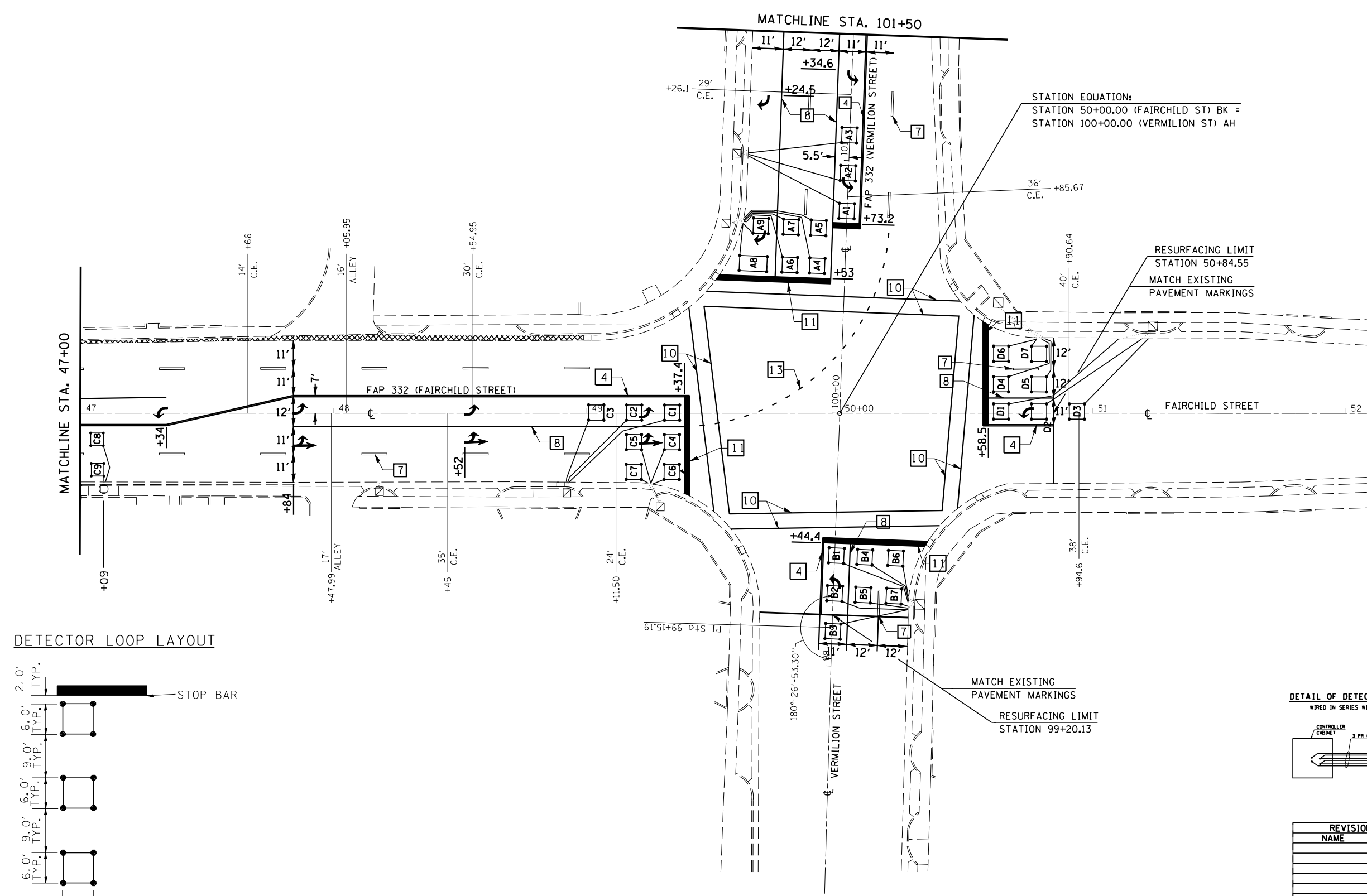
PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\48938801\c81\at\riping.dgn
 PLOT SCALE : 42.3524' / IN.
 USER NAME : carrollt

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	41

STA. 47+00 TO STA. 101+50
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 *1472-3)RS-1 & (52CS,48Z-1)RS-3



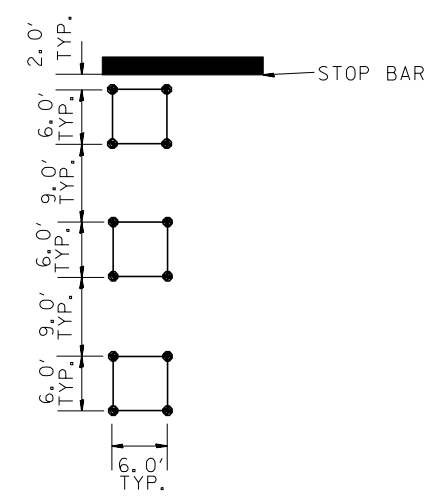
STATION EQUATION:
 STATION 50+00.00 (FAIRCHILD ST) BK =
 STATION 100+00.00 (VERMILION ST) AH

RESURFACING LIMIT
 STATION 50+84.55
 MATCH EXISTING
 PAVEMENT MARKINGS

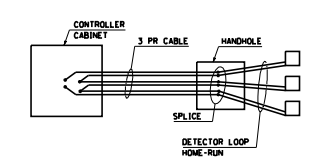
MATCH EXISTING
 PAVEMENT MARKINGS
 RESURFACING LIMIT
 STATION 99+20.13

DETECTOR LOOP DATA		
VERMILION ST. & FAIRCHILD ST.		
Loop	Size	Turns
A1-3	6' X 6'	3
A4-5	6' X 6'	3
A6-7	6' X 6'	3
A8	6' X 11'	3
A9	6' X 6'	3
A10-11	6' X 6'	5
B1-3	6' X 6'	5
B4-5	6' X 6'	5
B6-7	6' X 6'	5
C1-3	6' X 6'	4
C4-5	6' X 6'	3
C6-7	6' X 6'	3
C8-9	6' X 6'	5
D1-3	6' X 6'	5
D4-5	6' X 6'	4
D6-7	6' X 6'	4

DETECTOR LOOP LAYOUT



DETAIL OF DETECTOR LOOP WIRING
 WIRED IN SERIES WITH MULTI-PAIR CABLE



COLD MILLING SPECIAL

REVISIONS	
NAME	DATE

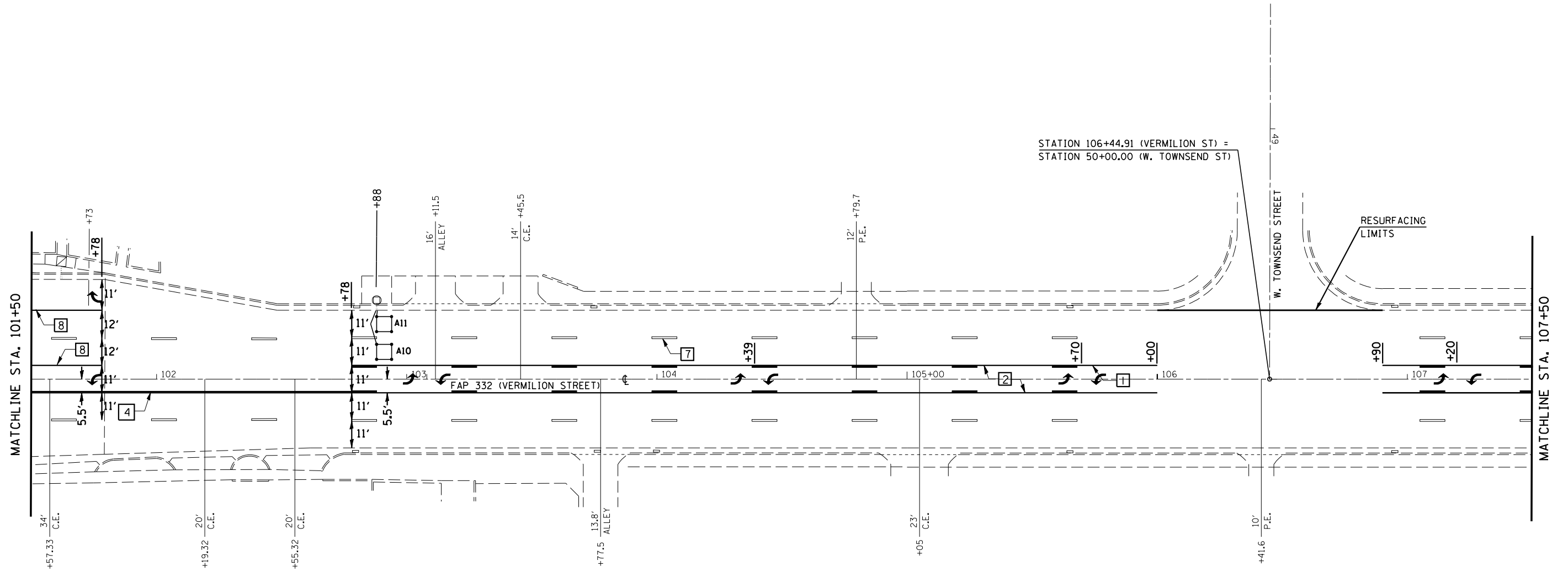
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ROADWAY PLANS
 SCALE: VERT. / HORIZ.
 DATE / DRAWN BY / CHECKED BY

PLOT DATE = 3/27/2007
 FILE NAME = c:\projects\4893881\c81\atv\riping.dgn
 PLOT SCALE = 42.3525 / IN.
 USER NAME = carrollrt

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	42
STA. 101+50		TO STA. 107+50		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
*(47Z-3IRS-1 & 52CS,48Z-1RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4593881\c81\at\riping.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollr

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

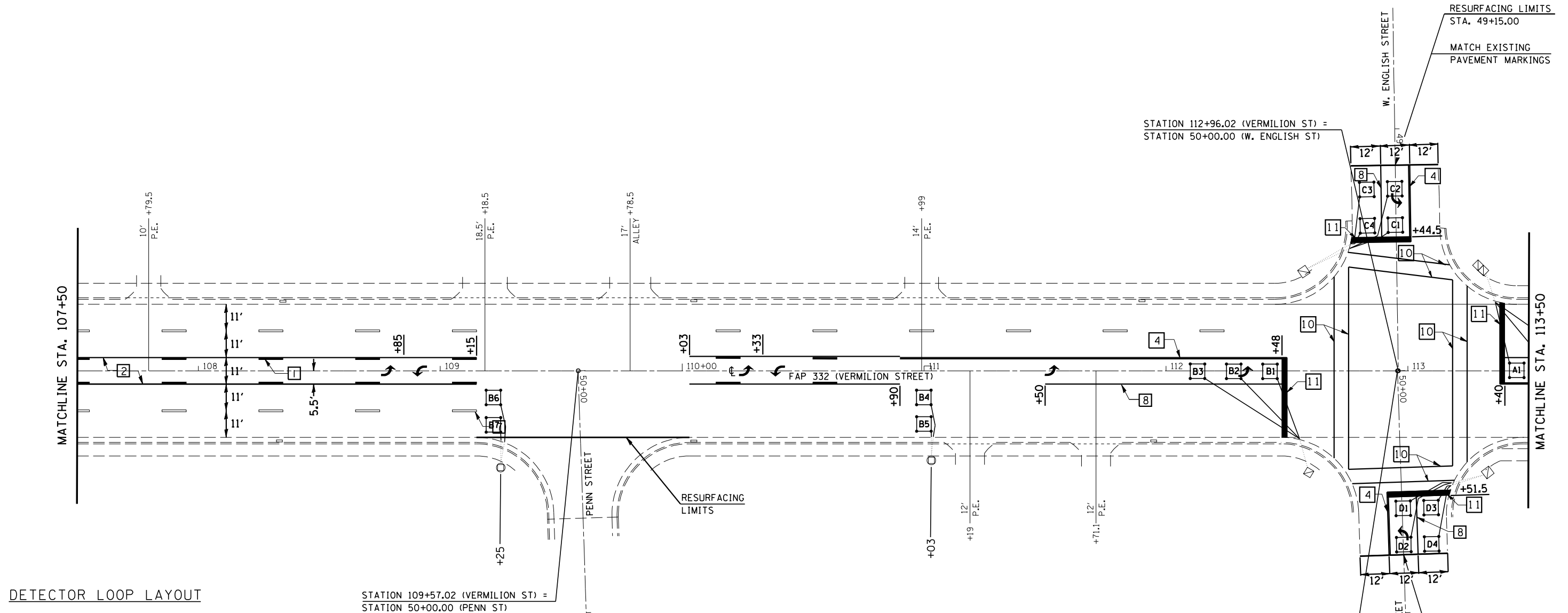
ROADWAY PLANS

SCALE: VERT.
 HORIZ.
 DATE

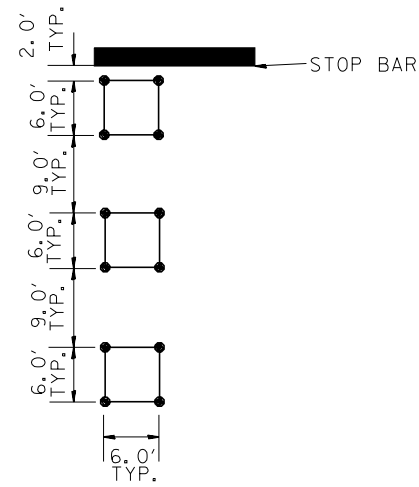
DRAWN BY
 CHECKED BY

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	43
STA. 107+50		TO STA. 113+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*(47Z-3)RS-1 & (52CS,48Z-1)RS-3				



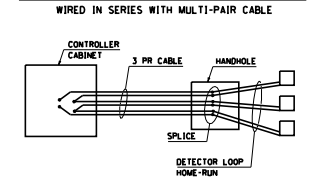
DETECTOR LOOP LAYOUT



STATION 109+57.02 (VERMILION ST) =
STATION 50+00.00 (PENN ST)

STATION 112+95.70 (VERMILION ST) =
STATION 50+00.00 (E. ENGLISH ST)

DETAIL OF DETECTOR LOOP WIRING



DETECTOR LOOP DATA
ENGLISH ST.

LOOP	SIZE	TURNS
A1-3	6' X 6'	3
A4-5	6' X 6'	4
A6-7	6' X 6'	5
B1-3	6' X 6'	4
B4-5	6' X 6'	5
B6-7	6' X 6'	6
C1-2	6' X 6'	3
C3-4	6' X 6'	3
D1-2	6' X 6'	3
D3-4	6' X 6'	3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 3/27/2007
FILE NAME = c:\projects\4593881\c81\vt\riping.dgn
PLOT SCALE = 42,352% / IN.
USER NAME = carrollr

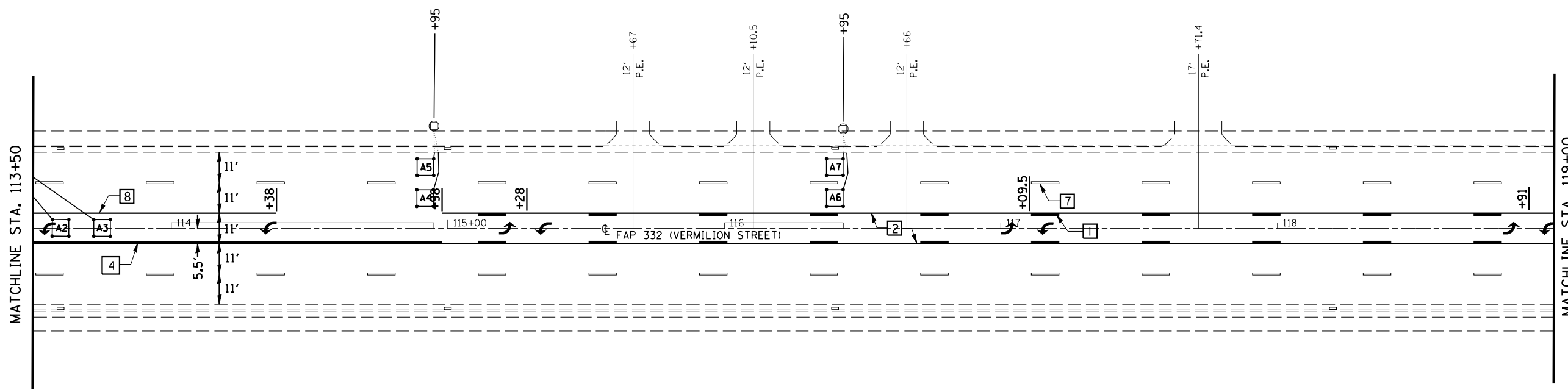
T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	44

STA. 113+50 TO STA. 119+50
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

*1472-3IRS-1 & (52CS,48Z-1)RS-3



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4593881\4593881.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

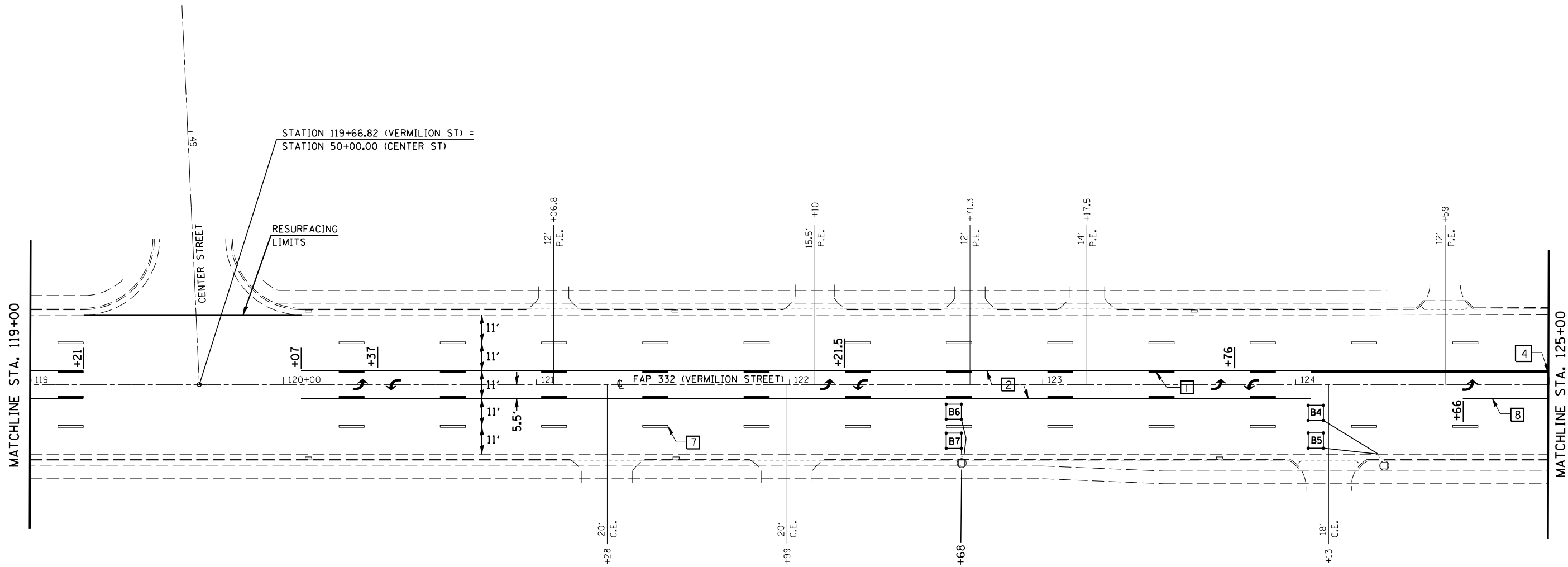
ROADWAY PLANS

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

T 19 N, R 11 W, SEC. 5, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	45
STA. 119+00		TO STA. 125+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(47Z-3IRS-1 & 52CS,48Z-1RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4593881\4593881.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

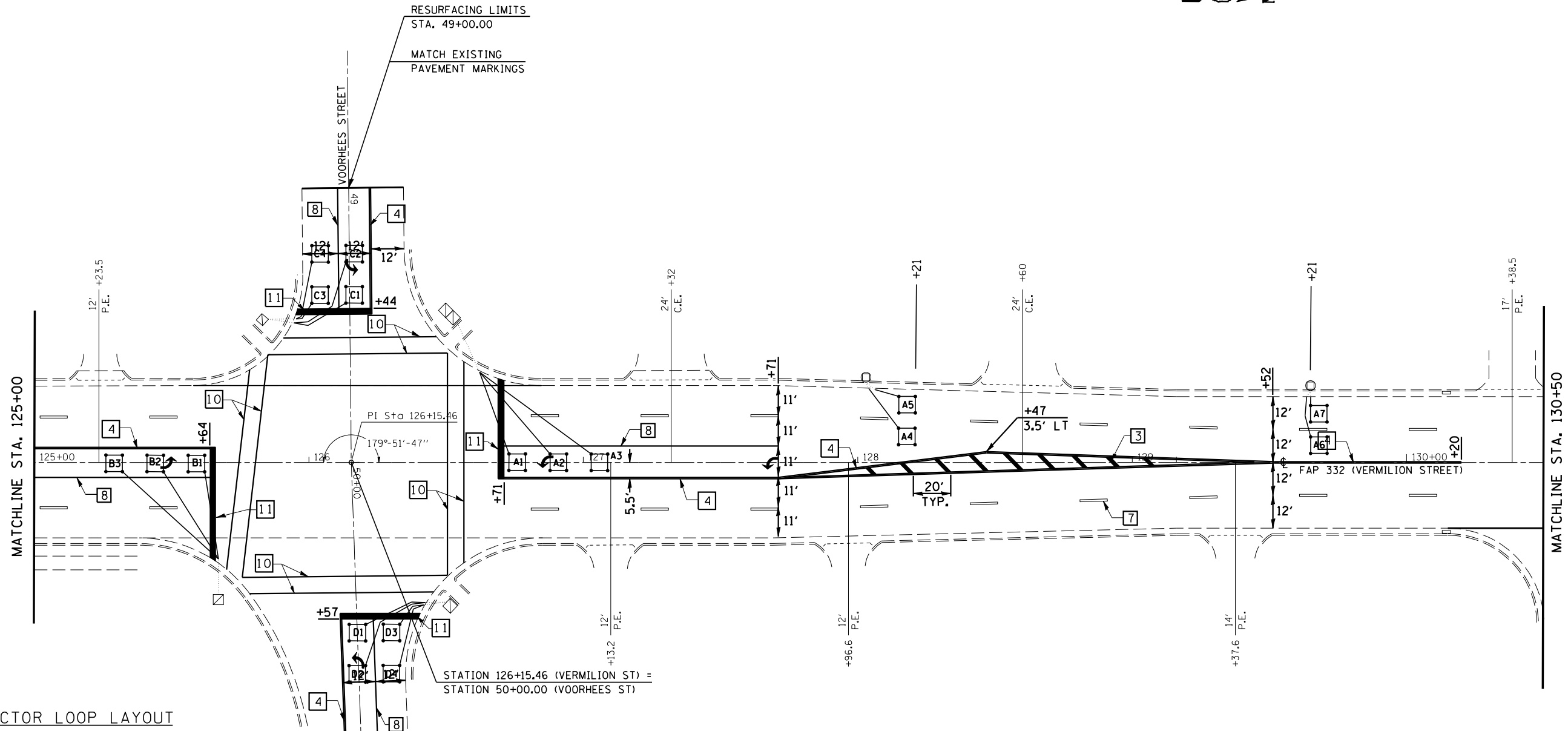
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 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

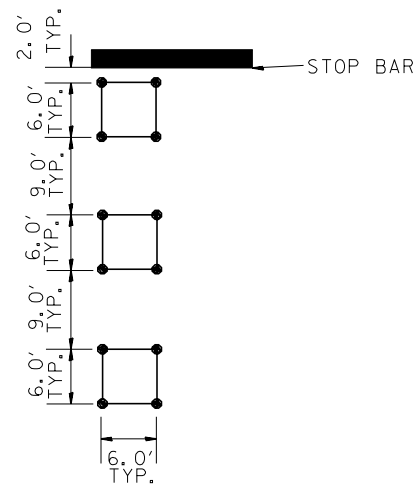
T 19 N, R 11 W, SEC. 5, 2ND P.M.

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	46
STA. 125+00		TO STA. 130+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*147Z-31RS-1 & 152CS,48Z-1RS-3				



DETECTOR LOOP LAYOUT

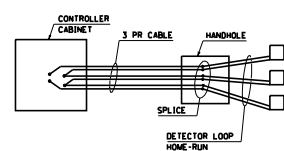


RESURFACING LIMITS
STA. 50+00.00

MATCH EXISTING
PAVEMENT MARKINGS

DETAIL OF DETECTOR LOOP WIRING

WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA		
VORHEES ST.		
LOOP	SIZE	TURNS
A1-3	6	3
A4-5	6	3
A6-7	6	5
B1-3	6	4
B4-5	6	5
B6-7	6	6
C1-2	6	3
C3-4	6	3
D1-2	6	4
D3-4	6	4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. _____
HORIZ. _____

DATE _____

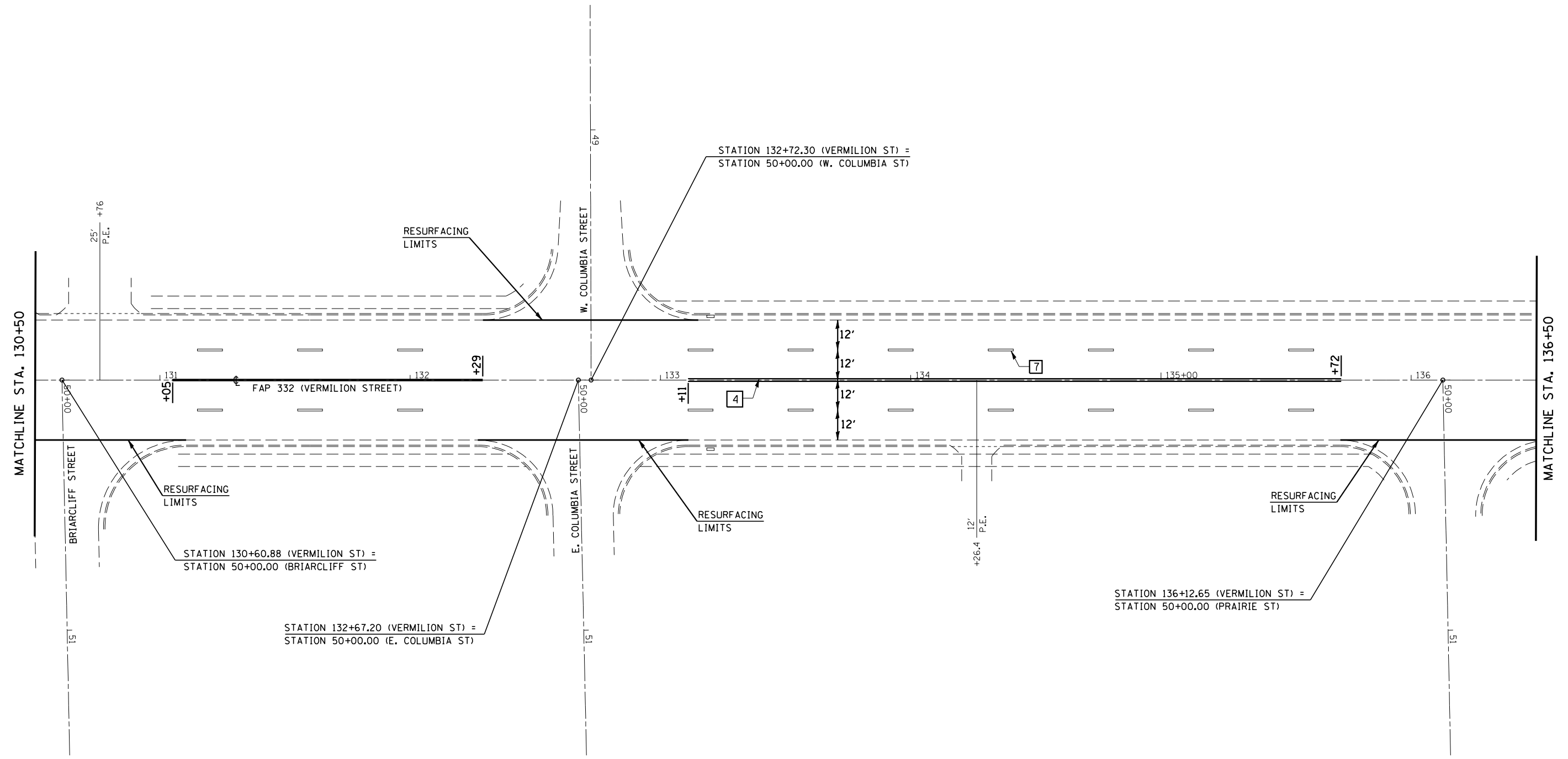
DRAWN BY _____
CHECKED BY _____

PLOT DATE = 3/27/2007
FILE NAME = c:\projects\4593881\c81\at\riping.dgn
PLOT SCALE = 42.3525 / IN.
USER NAME = carrollt

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	47
STA. 130+50		TO STA. 136+50		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* (472-31RS-1 & 152CS,48Z-1RS-3)				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4593881\4593881.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

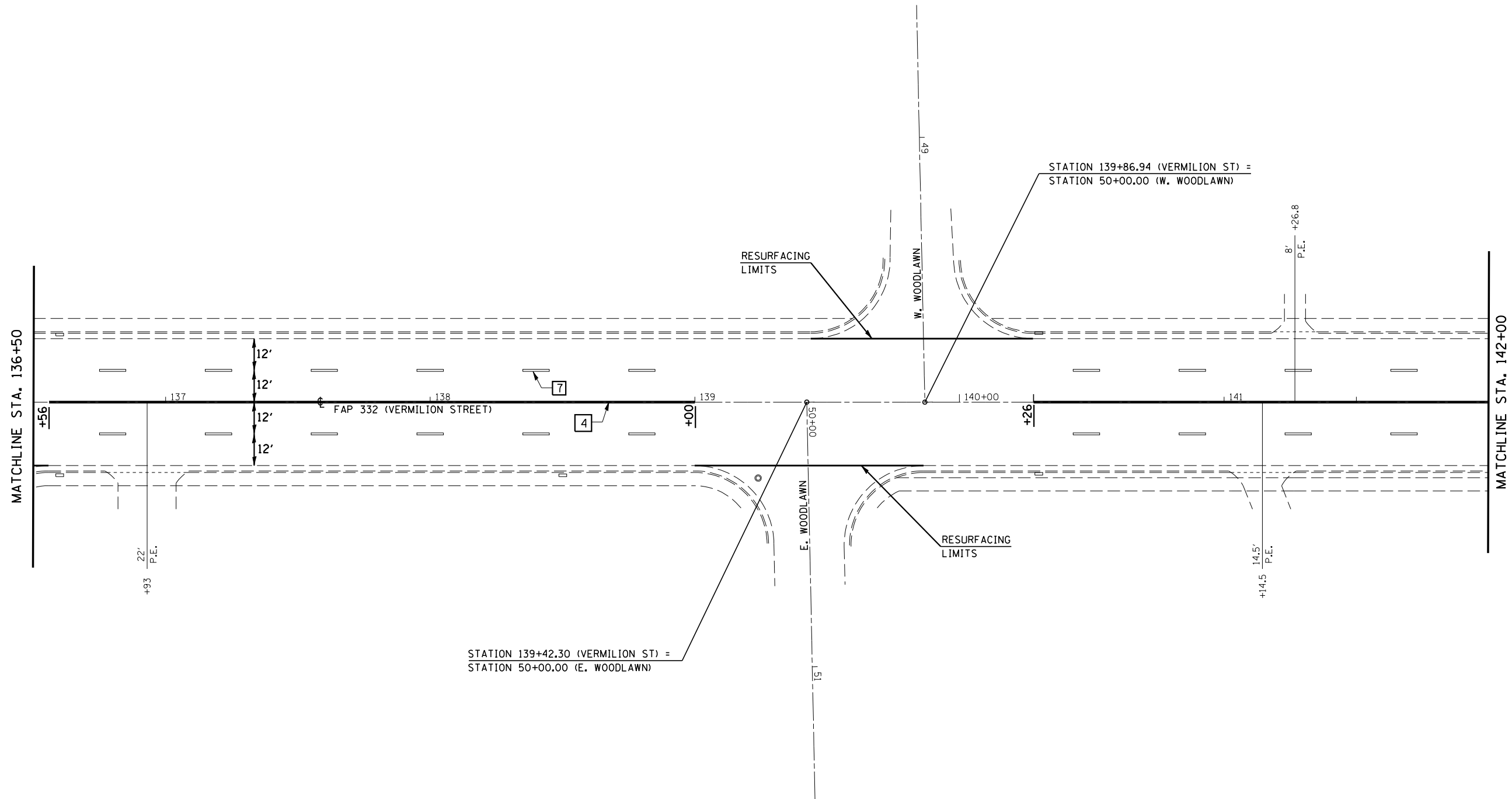
SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	48
STA. 136+50		TO STA. 142+00		
FED. ROAD DIST. NO. _		ILLINOIS FED. AID PROJECT		
*(47Z-3)RS-1 & (52CS,4BZ-1)RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\48938801\481\481.rpt.dgn
 PLOT SCALE : 42.3525' / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

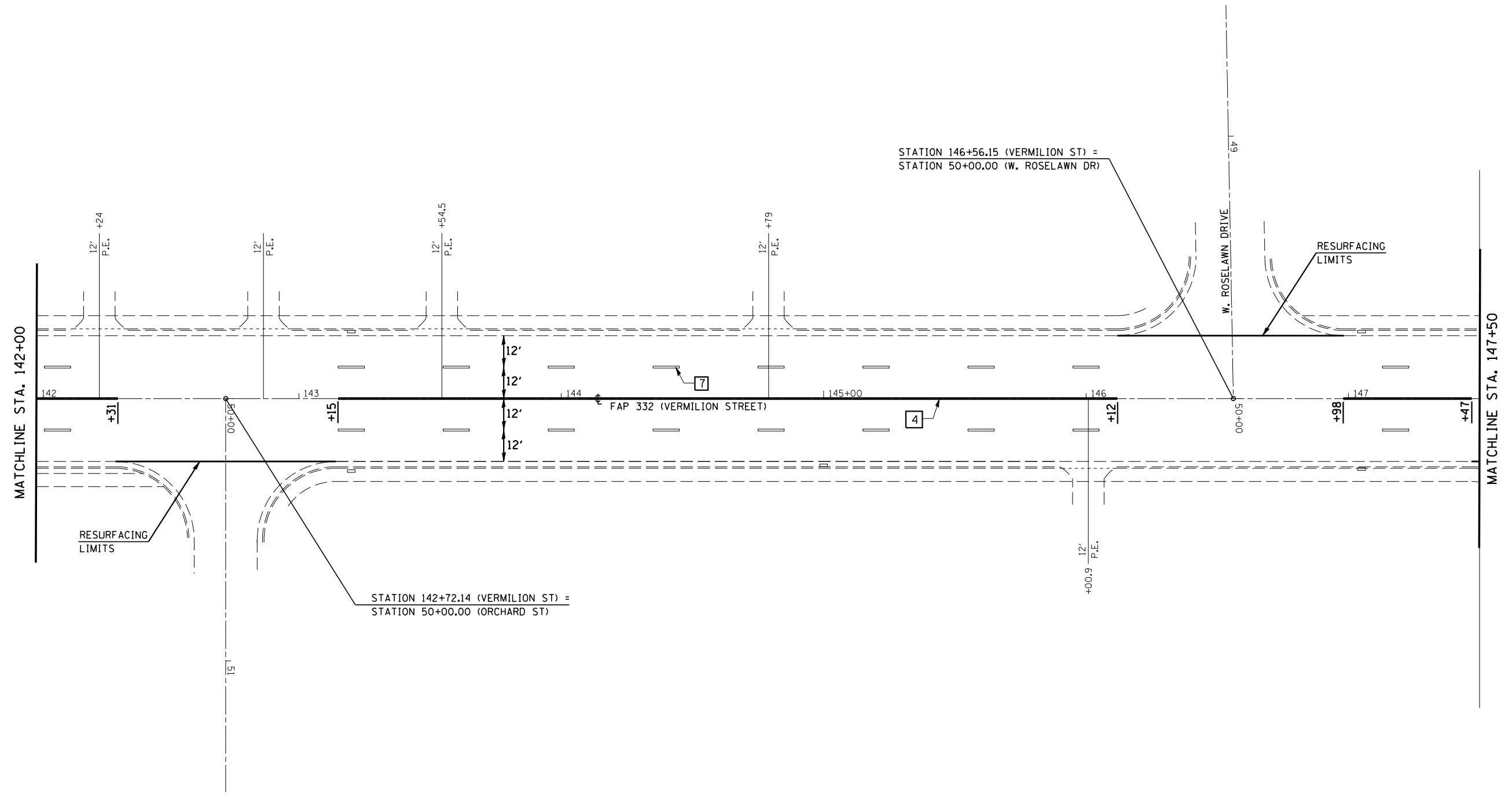
SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	49
STA. 142+00		TO STA. 147+50		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
*147Z-3)RS-1 & (52CS,48Z-1)RS-3				



RESURFACING LIMITS

RESURFACING LIMITS

STATION 142+72.14 (VERMILION ST) =
STATION 50+00.00 (ORCHARD ST)

STATION 146+56.15 (VERMILION ST) =
STATION 50+00.00 (W. ROSELAWN DR)

PLOT DATE : 3/27/2007
FILE NAME : c:\projects\5893881\5893881.dgn
PLOT SCALE : 42,352% / IN.
USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

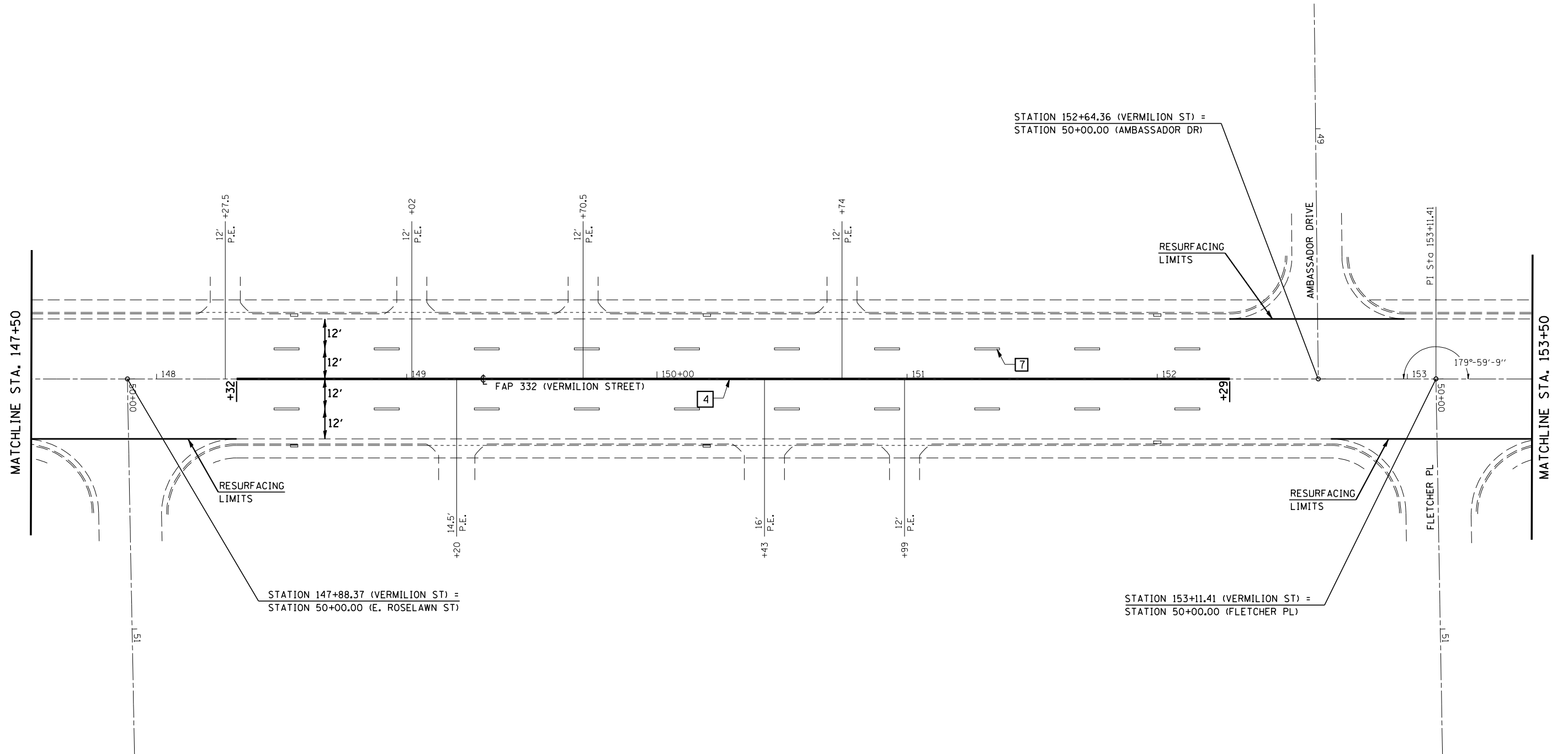
ROADWAY PLANS

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	50
STA. 147+50		TO STA. 153+50		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
*(47Z-3)RS-1 & (52CS,4BZ-1)RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4893881\4893881.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

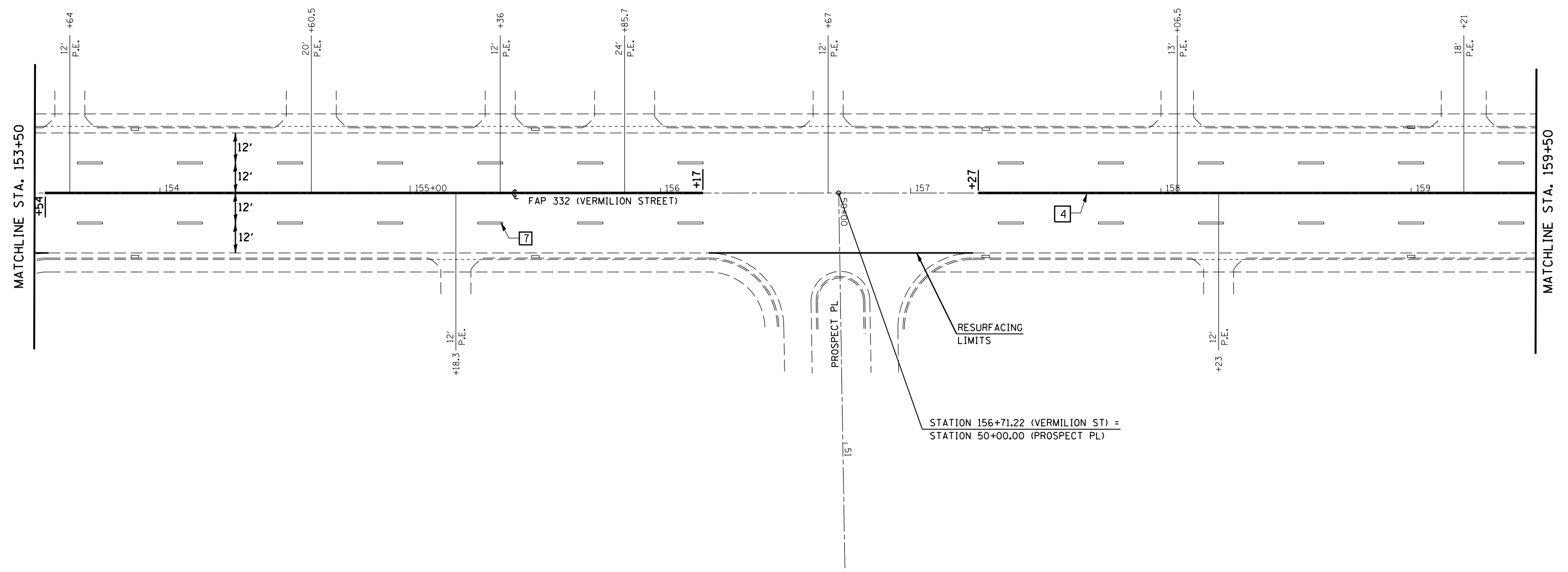
SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	51
STA. 153+50		TO STA. 159+50		
FED. ROAD DIST. NO. _		ILLINOIS FED. AID PROJECT		
*(47Z-3IRS-1 & (52CS,48Z-1)RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\4593881\481\atp.rdg.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

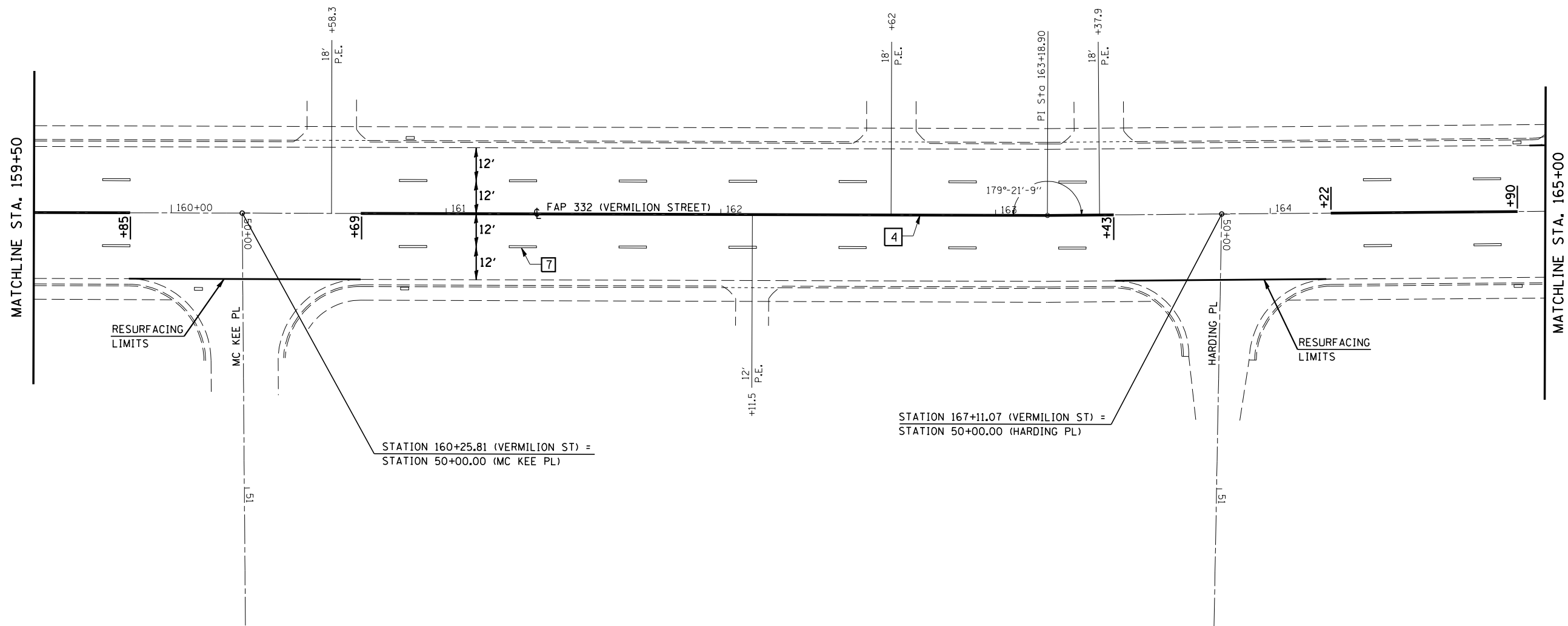
SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	62	52
STA. 159+50		TO STA. 165+00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
*(47Z-3)RS-1 & (52CS,4BZ-1)RS-3				



STATION 160+25.81 (VERMILION ST) =
STATION 50+00.00 (MC KEE PL)

STATION 167+11.07 (VERMILION ST) =
STATION 50+00.00 (HARDING PL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

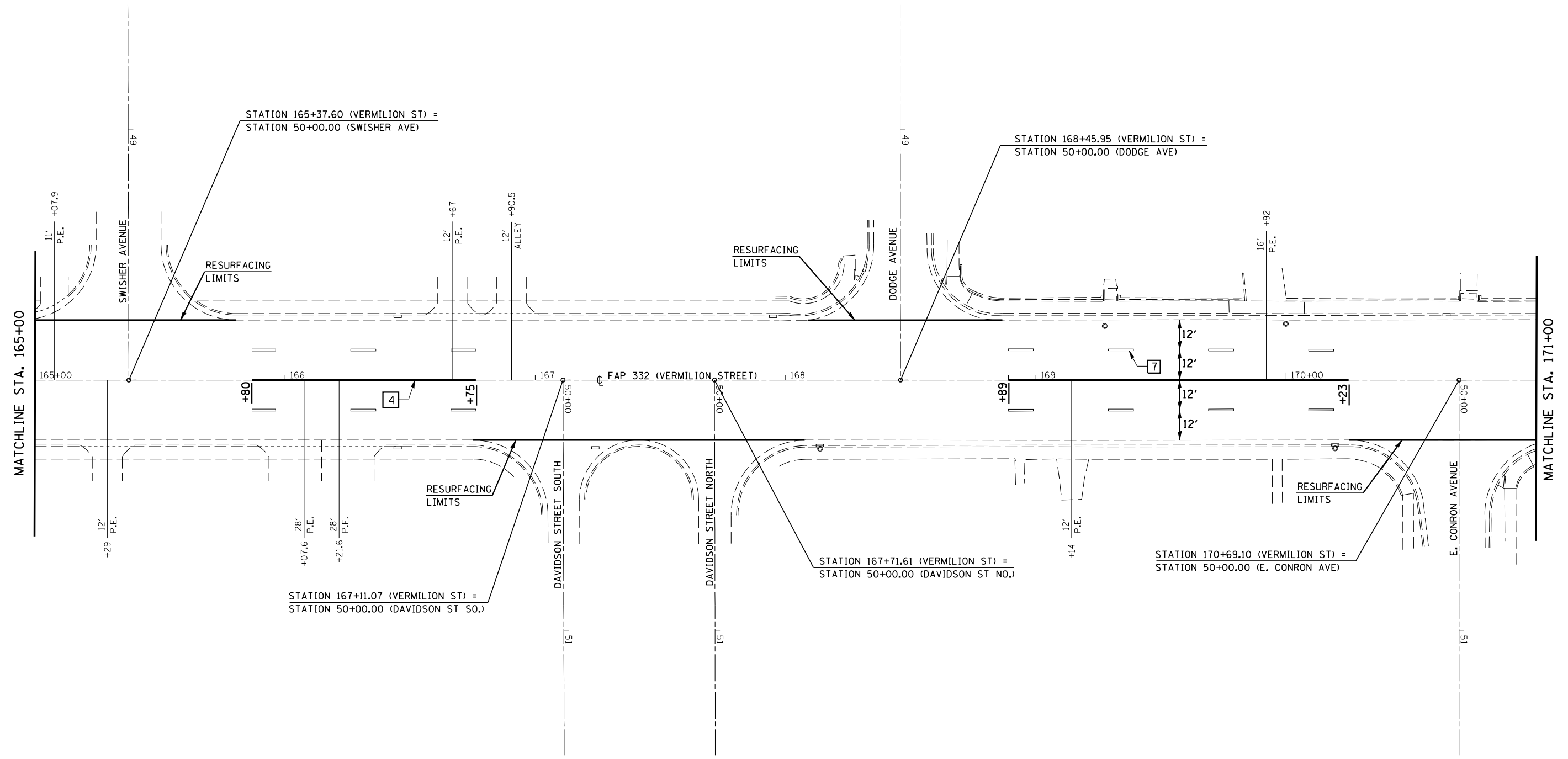
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE : 3/27/2007
FILE NAME : c:\projects\45938801\45938801.dgn
PLOT SCALE : 42,352% / IN.
USER NAME : carrollr

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	53
STA. 165+00		TO STA. 171+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(47Z-3)RS-1 & (52CS,4BZ-1)RS-3				



PLOT DATE = 3/27/2007
 FILE NAME = c:\projects\4593881\4593881.dgn
 PLOT SCALE = 42,352% / IN.
 USER NAME = carrollt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

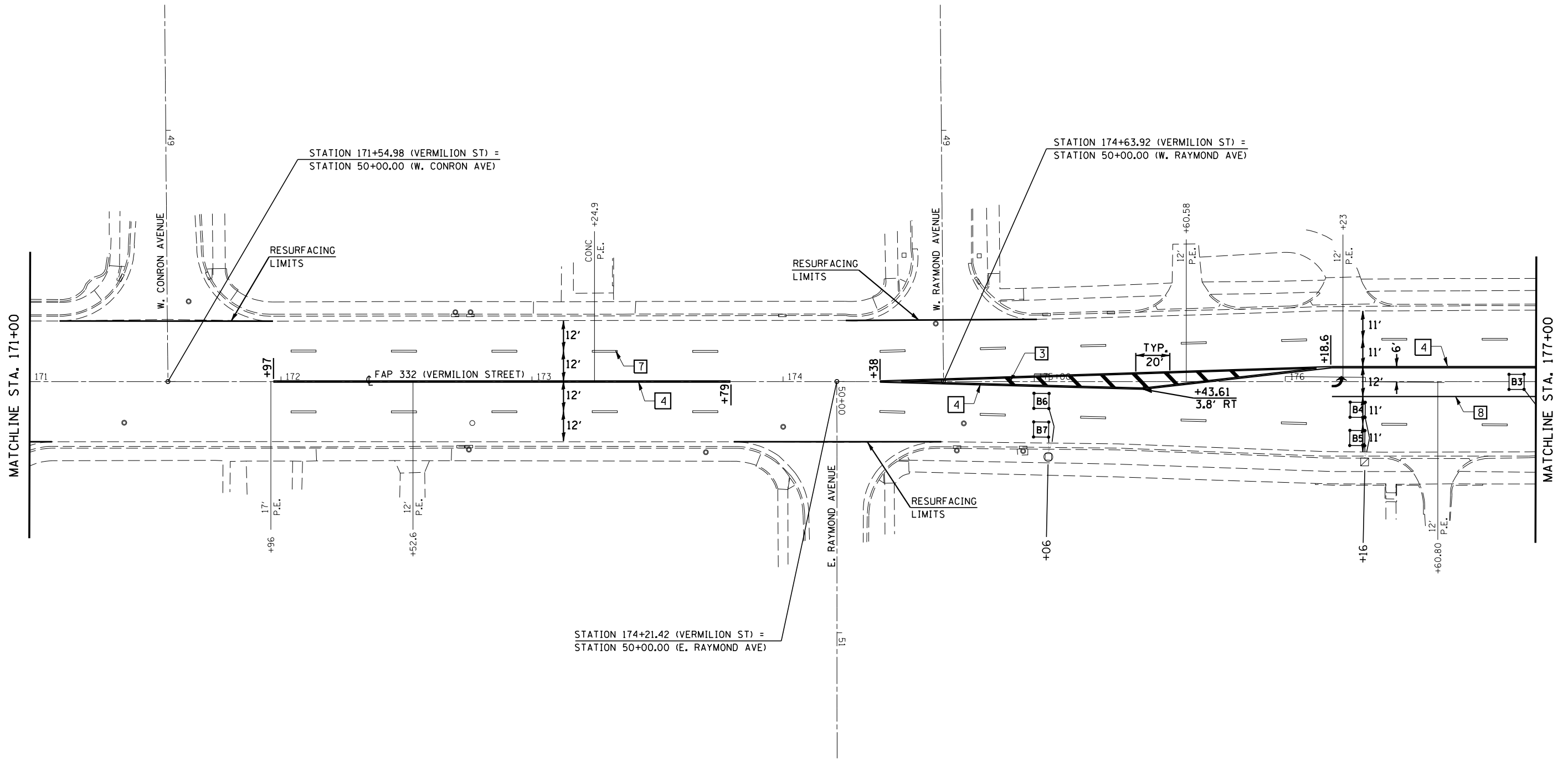
SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	54
STA. 171+00		TO STA. 177+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*47Z-3IRS-1 & (52CS,4BZ-1RS-3				



PLOT DATE : 3/27/2007
 FILE NAME : c:\projects\48938801\48938801.dgn
 PLOT SCALE : 42,352% / IN.
 USER NAME : carrollrt

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

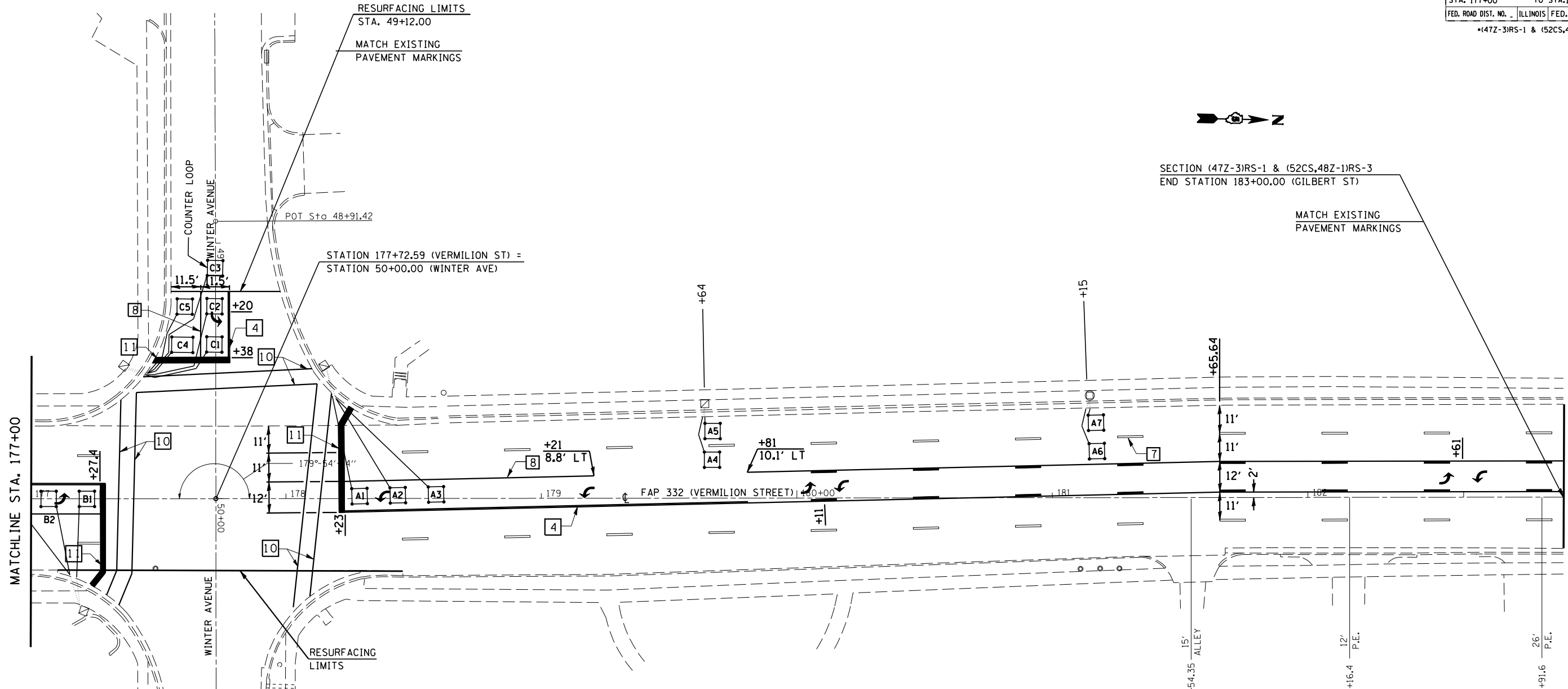
T 20 N, R 11 W, SEC. 32, 2ND P.M.

CONTRACT NO. 70185				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	.	VERMILION	62	55
STA. 177+00		TO STA. 183+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(47Z-3)RS-1 & (52CS,48Z-1)RS-3				

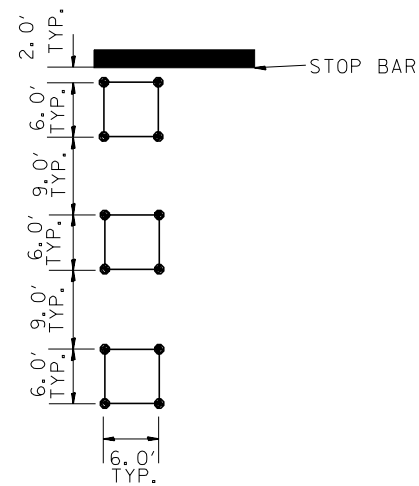


SECTION (47Z-3)RS-1 & (52CS,48Z-1)RS-3
END STATION 183+00.00 (GILBERT ST)

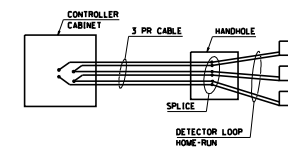
MATCH EXISTING
PAVEMENT MARKINGS



DETECTOR LOOP LAYOUT



DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA		
WINTER AVE.		
LOOP	SIZE	TURNS
A1-3	6	4
A4-5	6	5
A6-7	6	6
B1-3	6	4
B4-5	6	4
B6-7	6	5
C1-2	6	4
C3-4	6	4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

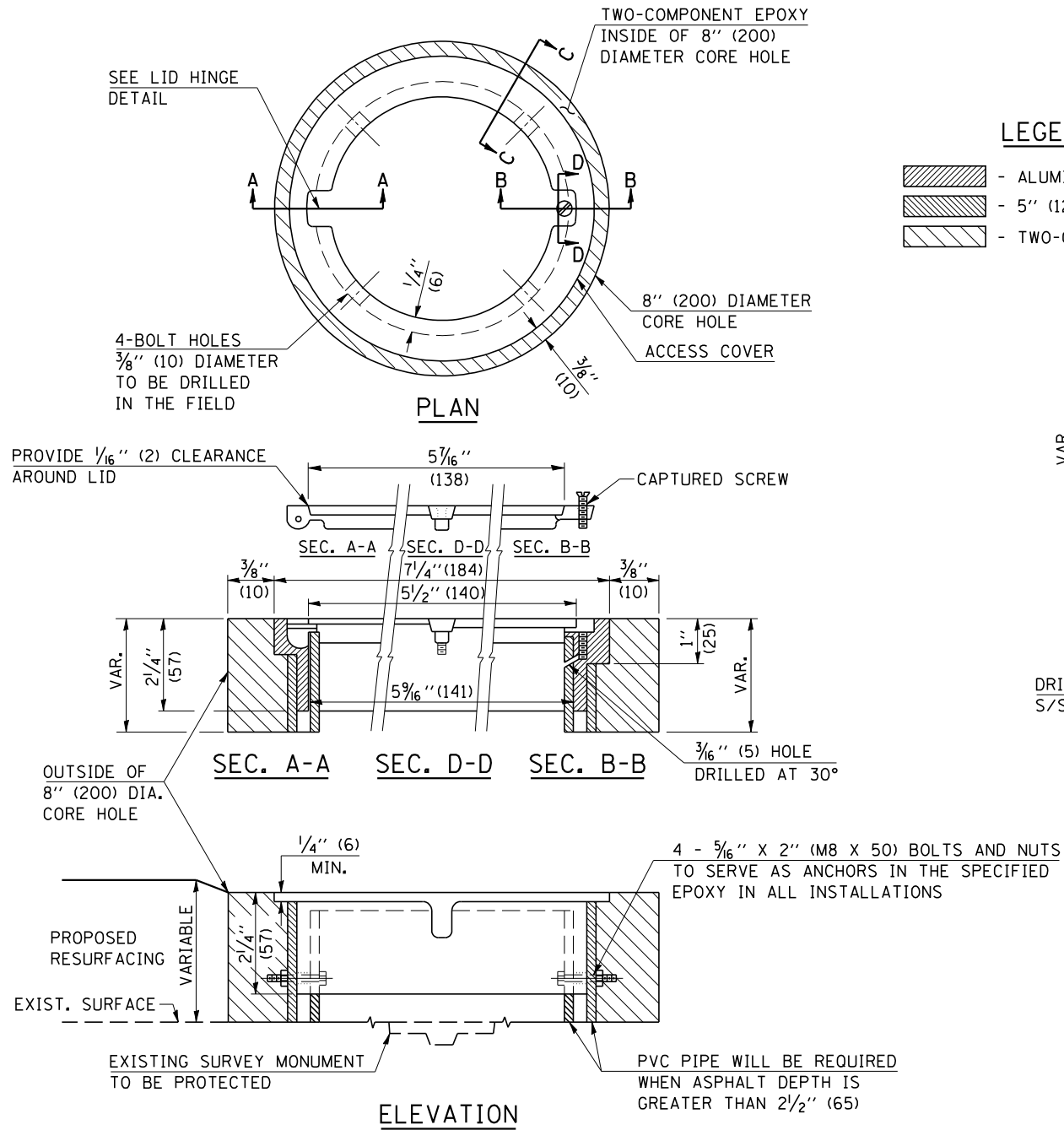
ROADWAY PLANS

SCALE: VERT.
HORIZ.
DATE




DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	62	56

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; 00-A-601Es. NO EXCEPTIONS.

BILL OF MATERIAL

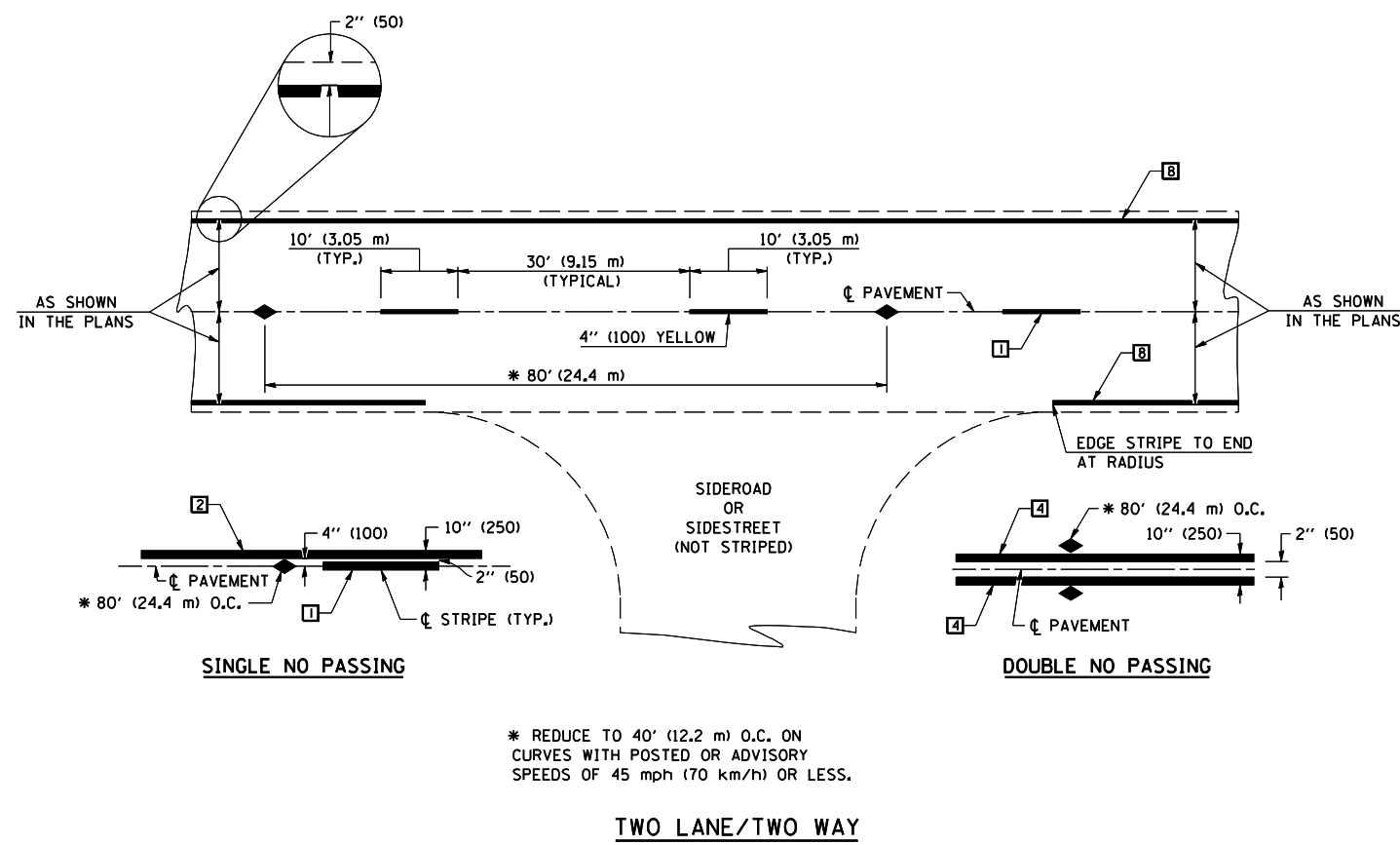
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

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.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL D-1.04	TJB	SURVEY MONUMENT COVER ASSEMBLY
			DISTRICT 5 DETAIL NO. Z0070100



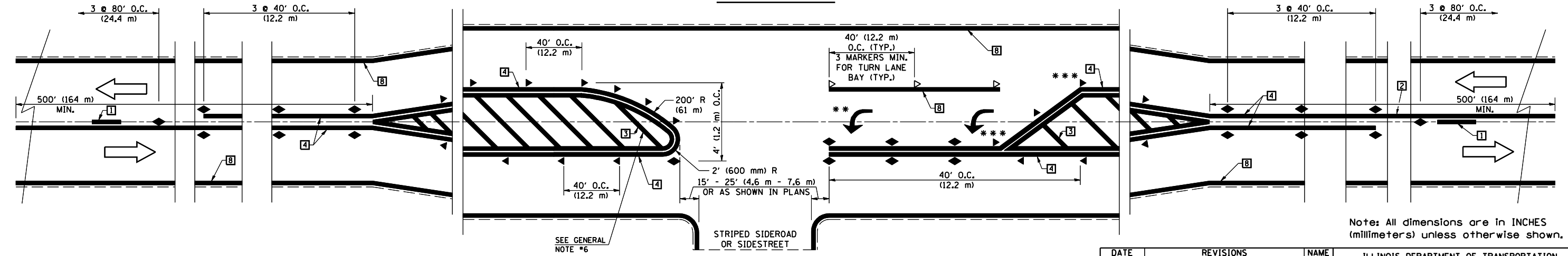
TYPICAL PAVEMENT MARKING LEGEND

- 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

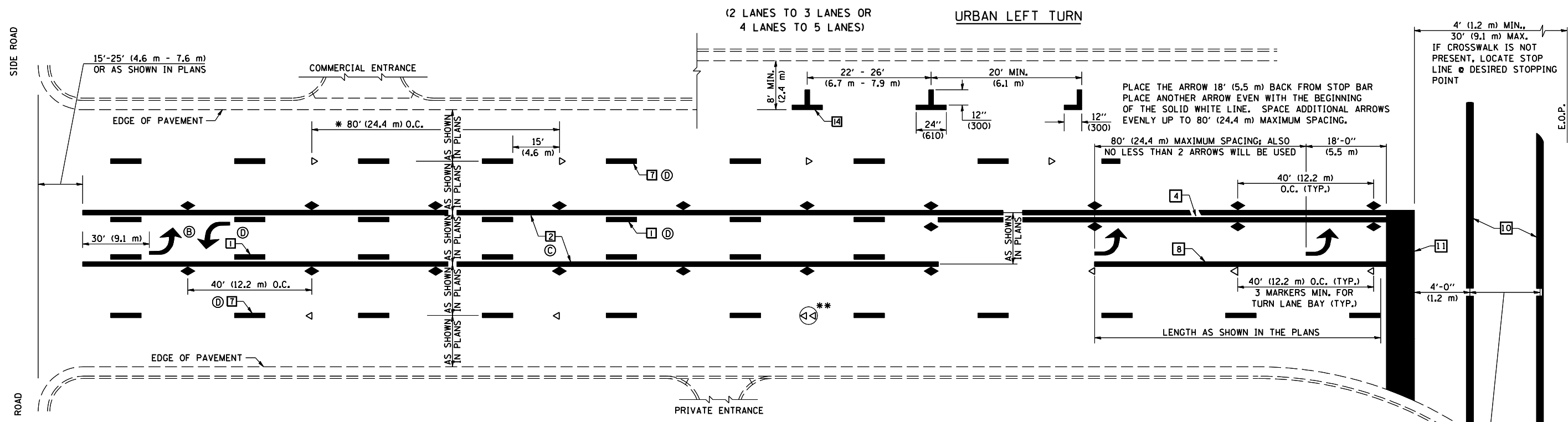


*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
DISTRICT 5 DETAIL NO. 7800AAAA

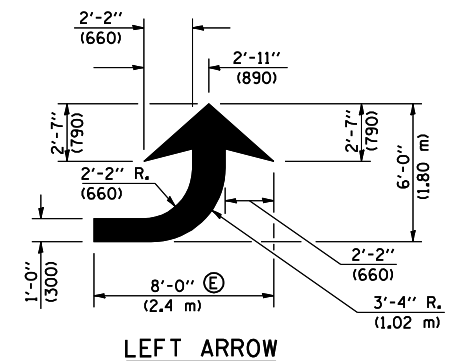
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 USER NAME = carrollr



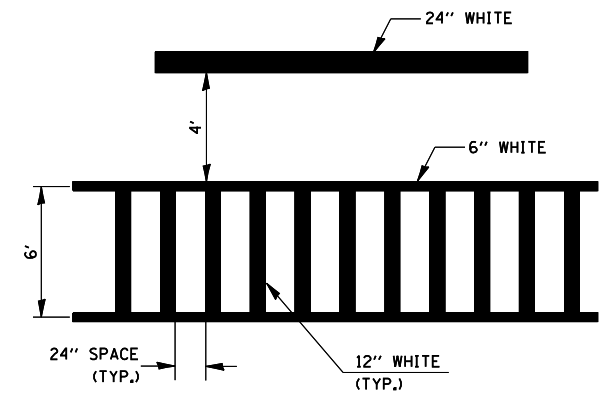
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

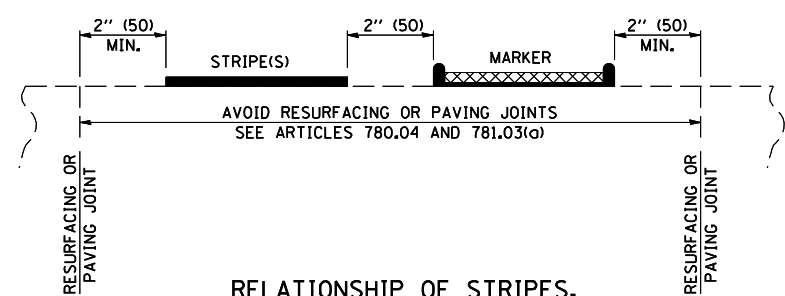
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

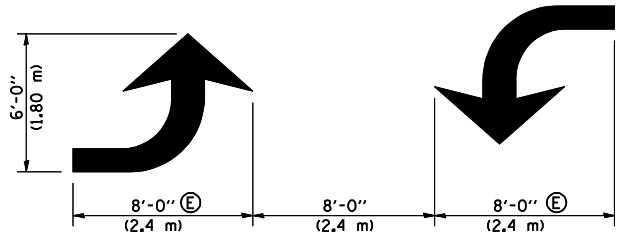


TYPICAL SPACING FOR CROSSWALKS & STOP BARS

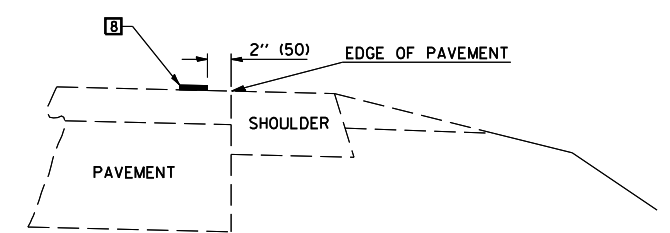


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

- 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.
 - Ⓔ TURN ARROW SIZE DEPENDS ON THE LOCATION. RURAL LOCATION - LARGE ARROW SIZE URBAN LOCATION - SMALL ARROW SIZE



TYPICAL DOUBLE TURN ARROWS (WHITE)



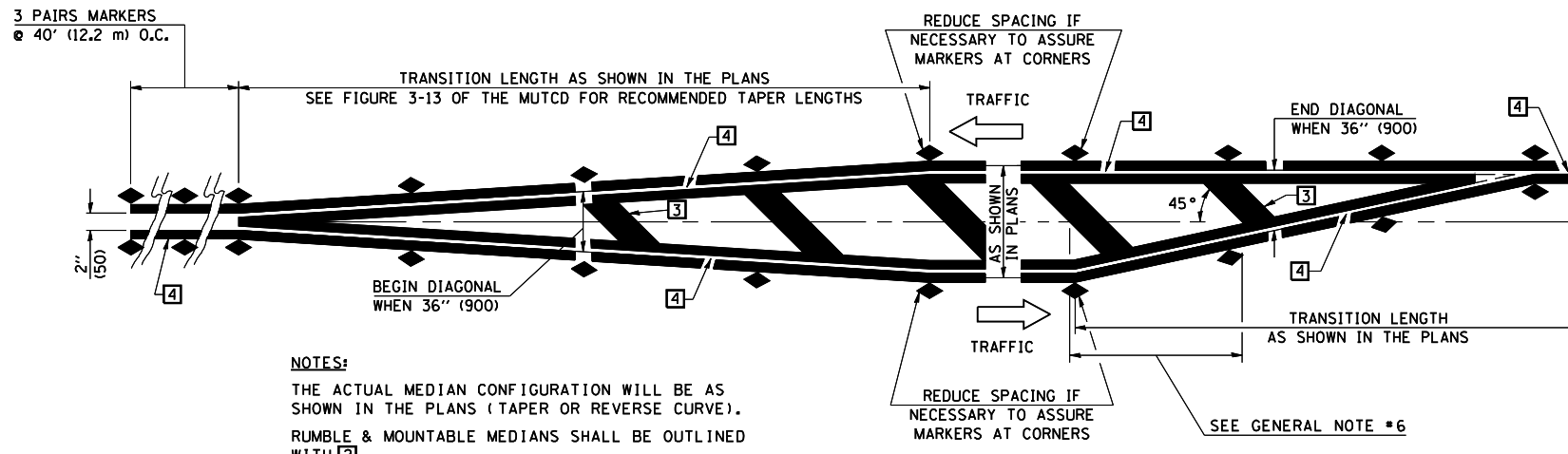
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
 (SAFETY SHOULDER OR PAVED SURFACE)
 SEE ARTICLE 780.04

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

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
DISTRICT 5 DETAIL NO. 7800AAA

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 USER NAME = cecrollit

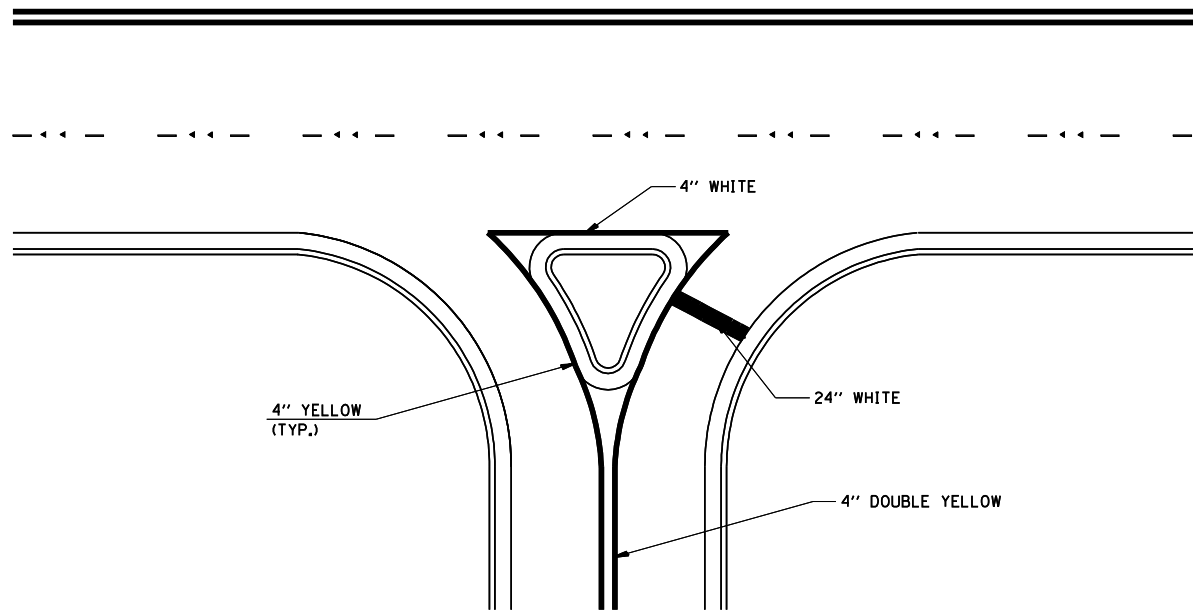


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

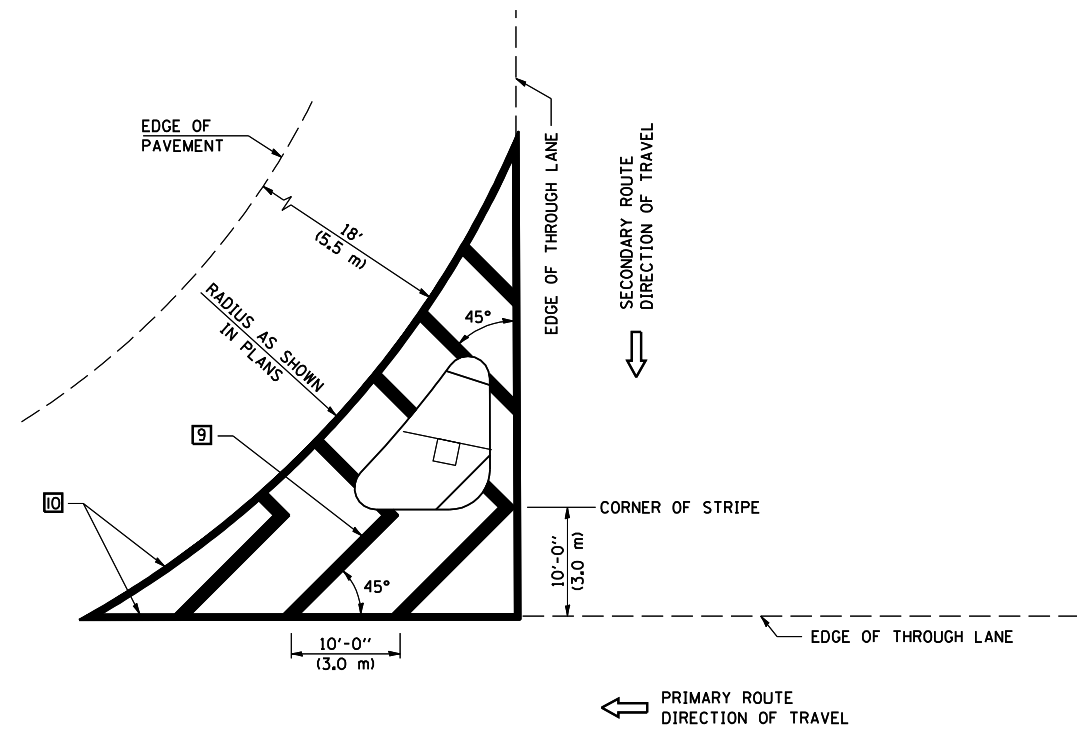
TYPICAL MEDIAN TRANSITIONS

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



ISLAND

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

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
DISTRICT 5 DETAIL NO. 7800AAA

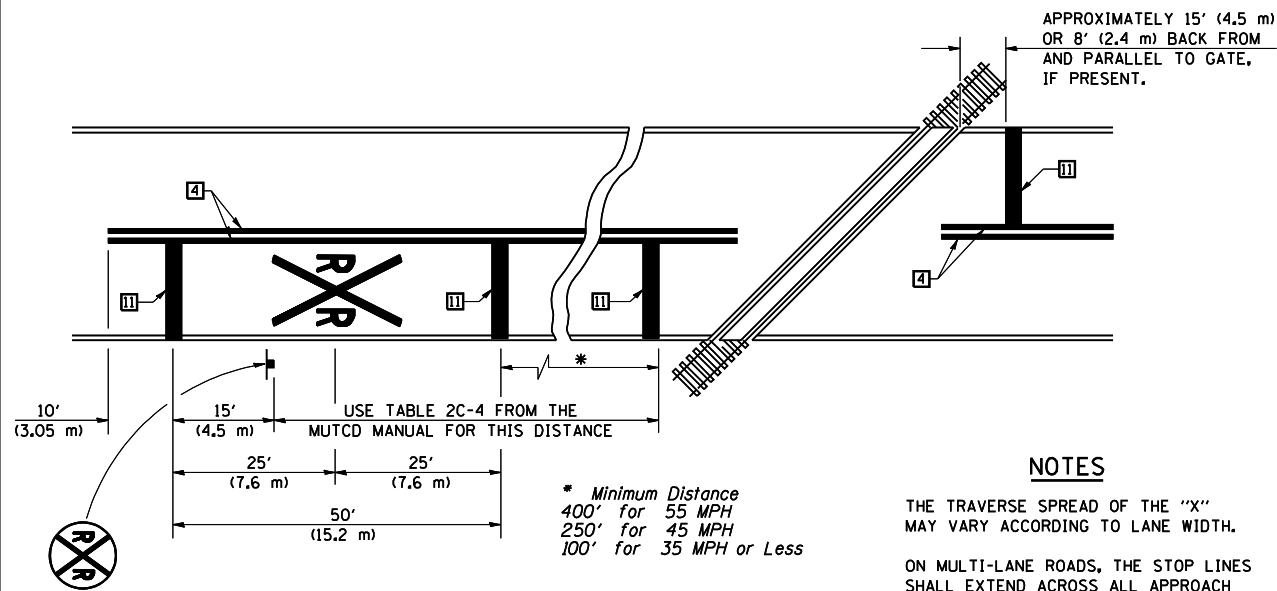
PLOT DATE = 3/27/2007
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 USER NAME = crollrt

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332		VERMILION	62	60

• (47Z-3)RS-1 & (52CS,4BZ-1)RS-3

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

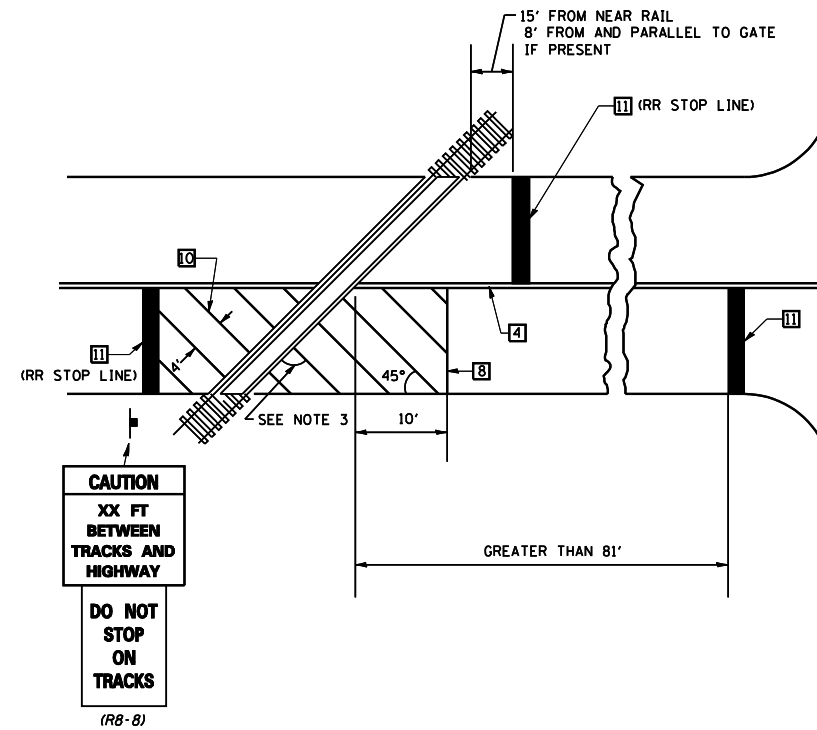
NOTES

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

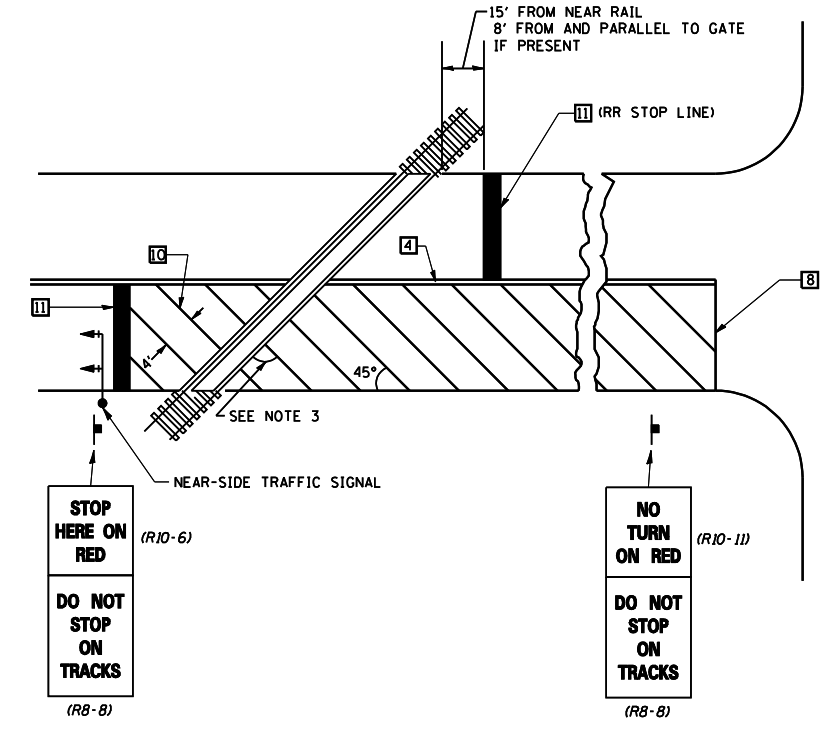
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

* Minimum Distance
400' for 55 MPH
250' for 45 MPH
100' for 35 MPH or Less



(RB-8)



(RB-8)

(RB-8)

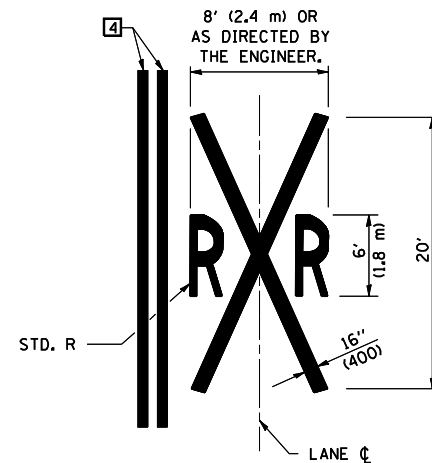
SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

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.

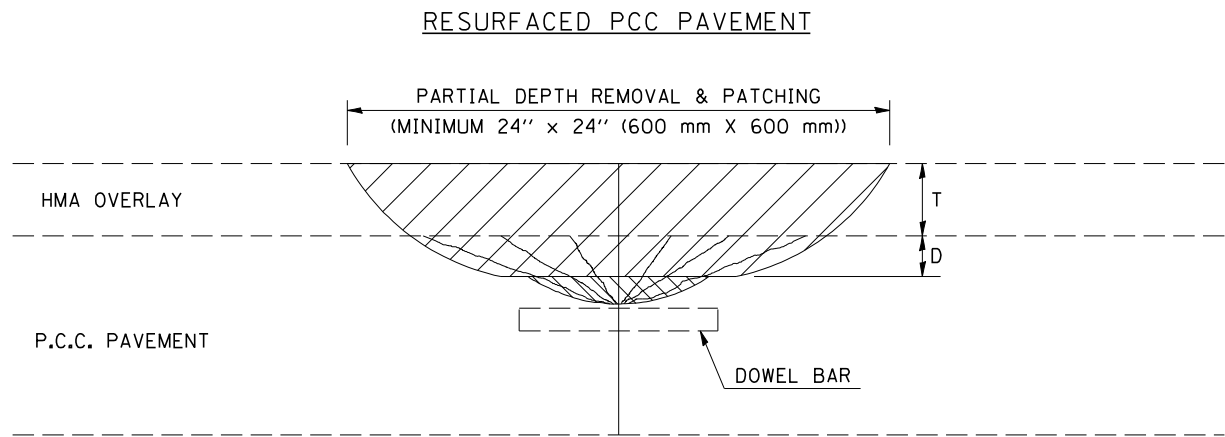
WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

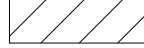
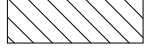


Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL F-5.25	TJB	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
			DISTRICT 5 DETAIL NO. 7800AAAA

PLOT DATE = 3/27/2007
FILE NAME = c:\projects\48938801\c81\ext.dgn
PLOT SCALE = 42.352% / IN.
USER NAME = cecollrt



 +  = PARTIAL DEPTH REMOVAL (X4401705)

MILL MACHINE AND/OR WHEEL SAW REMOVAL AIR EQUIPMENT OR MECHANICAL SWEEPER REMOVAL OF LOOSE AND/OR UNSOUND CONCRETE

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.

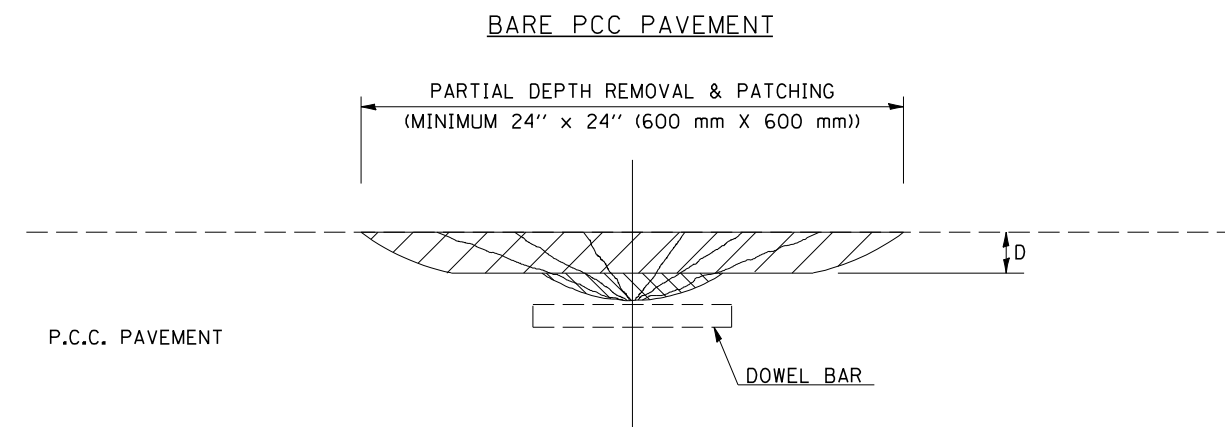
GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

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.

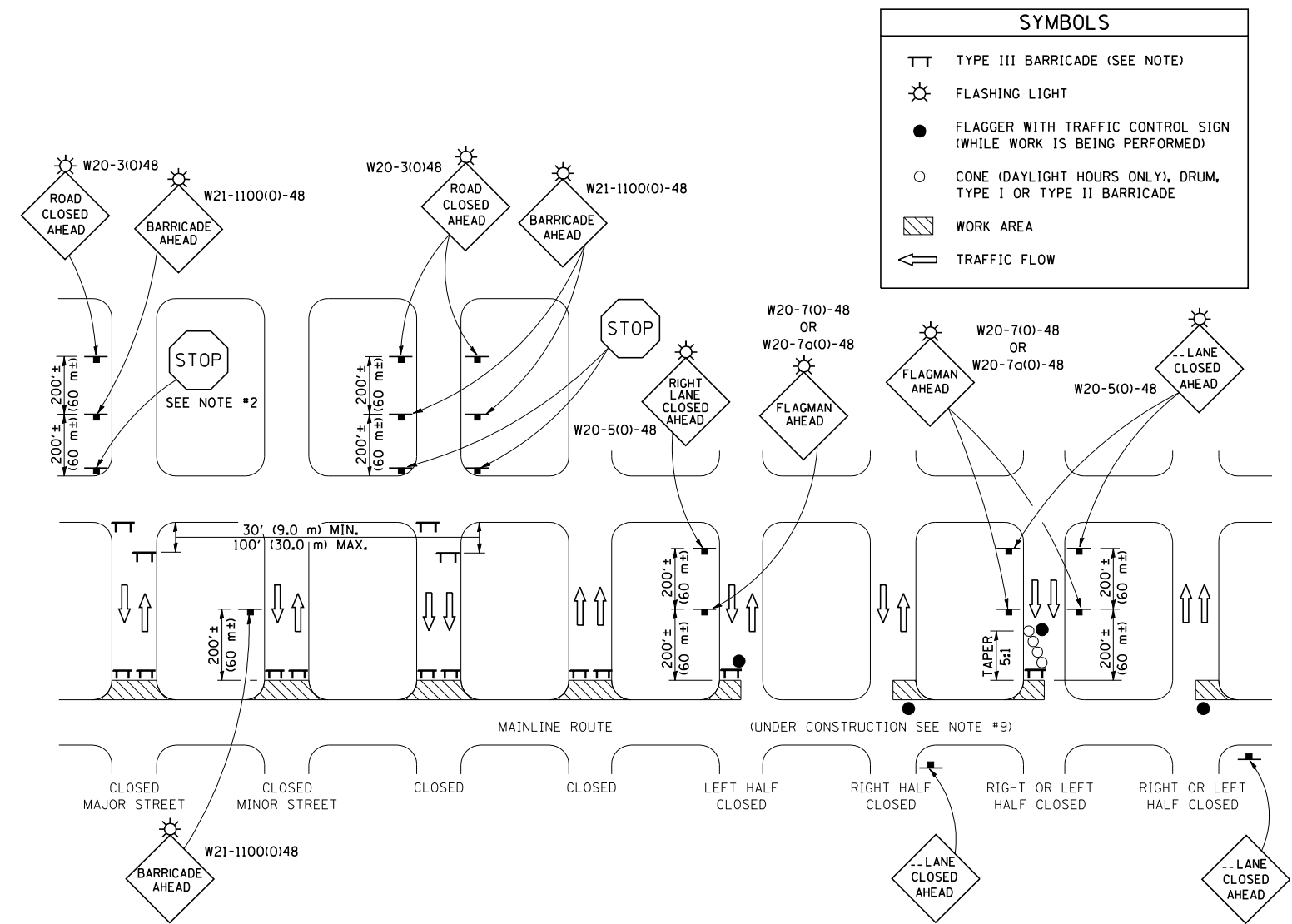
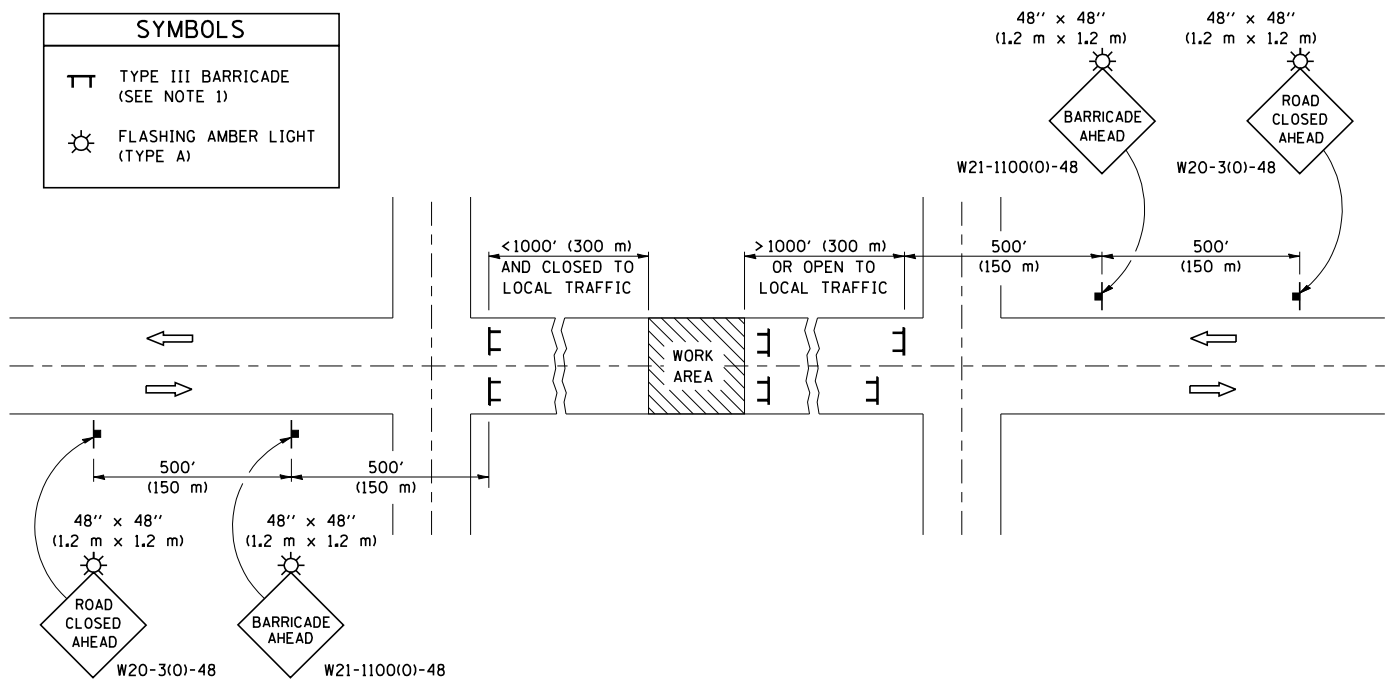
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL C-5.01	TJB	
			PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING
			DISTRICT 5 DETAIL NO. XX442100

ROAD CLOSURE

SIDEROAD / STREET CLOSURE



GENERAL NOTES

1. TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 702001 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
3. WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
4. STANDARD 702001 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
6. REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
7. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
8. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
9. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
10. FORMS BT. 725 AND BT. 726 ARE REQUIRED.
11. WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
12. AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

GENERAL NOTES

1. TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
3. STANDARD 702001 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
4. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
5. ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
7. FORMS BT 725 AND BT 726 ARE REQUIRED.
8. THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
9. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS INVOLVING THE RECONSTRUCTION OF ALL APPLICABLE SIDE STREETS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

DATE	REVISIONS	NAME
11/06	REPLACED DETAILS F-5.03 & F-5.04	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL & PROTECTION DEVICES
DISTRICT 5 DETAIL NO. 7020000