STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

# DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED

LOCAL AGENCY PAVEMENT PRESERVATION PROJECT

FAU 1375 (LIES ROAD) RESURFACING

SECTION: 04-00047-00-RS

**DUPAGE COUNTY** 

JOB NO.: C-91-113-06

GARY AVENUE TO SCHMALE ROAD (FAP 2561 TO FAU 2566)

PROJECT NO.: M-8003 (552)

INDEX OF SHEETS

VILLAGE OF CAROL STREAM SHEET NO. TITLE SUMMARY & SCHEDULE OF QUANTITIES, LEGEND, DETAILS AND GENERAL NOTES

INLET DETAIL, TYPICAL CROSS SECTION, MIXTURE REQUIREMENTS

LIES ROAD - STA 100+00 TO STA 123+85 LIES ROAD - STA 123+85 TO STA 153+60

LIES ROAD STRIPING PLAN

**IDOT TYPICAL PAVEMENT MARKINGS** 

IDOT TRAFFIC CONTROL AND PROTECTION AT TURN BAYS AND OTHER PROTECTION STANDARDS

IDOT BUTT JOINT AND BITUMINOUS TAPER DETAILS

IDOT PAVEMENT MAR4KING LETTERS & SYMBOLS FOR TRAFFIC STAGING

STANDARD

STANDARD SYMBOLS, ABREVIATIONS AND PATTERNS

CLASS C AND D PATCHES

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER 606001-02

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
URBAN LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN 701301-02

701606-04

URBAN LANE CLOSURE, MULTILANE INTERSECTION 701701-04

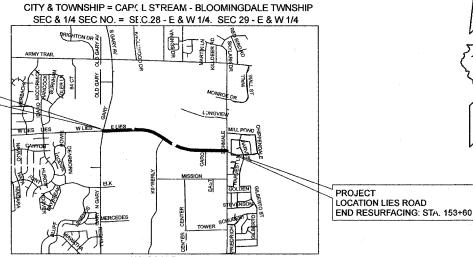
TYPICAL PAVEMENT MARKINGS DETECTOR LOOP INSTALLATIONS

LOCATION LIES ROAD BEGIN RESURFACING: STA. 100+42 DESIGN DESIGNATION

LIES ROAD LOCAL COLLECTOR

TRAFFIC DATA

LIES ROAD POSTED OR DESIGN SPEED = 35 MPH 2005 ADT = 12,500



LOCATION MAP

GROSS LENGTH OF PROJECT = 5318 LIN. FT. OR 1.01 MILES NET LENGTH OF PROJECT = 5417 LIN. FT. OR 1.03 MILES

500 N. GARY AVENUE (630) 871 - 6220

CONTRACT NO 83832

48 HOURS EFFORE YOU DIG EXCLUDING SA. SUN., & HOLIDAYS

WITH THE FOLLOWING COUNTY = DUPAGE

CALL JULIE 1-800-892-0123

CITY & TOWNSHIP = CAROL & EAM - BLOOMINGDA TWNSHIP SEC & 1/4 SEC NO. = SEC.28 - E & W 1/4. SEC 29 - E 1/4



LOCATION OF INDICATED SECTION THUS: - -



DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS							
APPROVED December	5, 2005  LOCAL AGENCY REPRESENTATIVE 2005						
APPROVED DECEMBER 21	2005 LOCAL ROADS ENGINEER						
APPROVED DEC 2/	2005  Hone M. O'Leefe/Col  ector of engineering, region engineer						

STATE OF ILLINOIS

### SUMMARY OF QUANTITIES

	SUMMARY OF QUANTITIES		
CODE			TOTAL
NUMBER	PAY ITEM	UNIT	QUANTITY
NUMBER			(1000-2A)
40400100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	3600
40600300	AGGREGATE (PRIME COAT)	TON	36
44000008	BITUMINOUS SURFACE REMOVAL, 2.5"	SY	36000
440∪1700	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FT	750
44201711	CLASS D PATCHES TYPE IV, 5"	SY	1000
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SY	36000
67100100	MOBILIZATION	LS	1
70102625	TRAFFIC CONTROL & PROTECTION, STANDARD 701606	LS	1
70102635	TRAFFIC CONTROL & PROTECTION, STANDARD 701701	LS	1
*78000100	THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS	SF	375
*78000200	THERMOPLASTIC PAVEMENT MARKING LINE, 4"	FT	26100
*78000400	THERMOPLASTIC PAVEMENT MARKING LINE, 6"	FT	1100
*78000600	THERMOPLASTIC PAVEMENT MARKING LINE, 12"	FT	600
*78000650	THERMOPLASTIC PAVEMENT MARKING LINE, 24"	FT	350
*88600600	DETECTOR LOOP REPLACEMENT	FT	600
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	TON	4400
X4066770	LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70, 0.75"-1.75"	TON	2200
Z0000600	ADJUSTING FRAMES FOR INLETS	EA	1
Z0048665	RAILROAD LIABILITY INSURANCE	LS	1
60262700	INLETS TO BE RECONSTRUCTED	EA	28
XX006470	TOPSOIL, SEED, AND STRAW	FT	520
	* INDICATES SPECIALTY ITEMS		

## LEGEND

 ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHE
1375	04-00047-00-RS	DUPAGE	10	2
ILLINOIS	PROJECT: M-800	3 (552)		
CONTRA	CT NO.: 83832			

### **EXISTING**

_A	BBREVIATIONS		SANITARY SEWER OR SERVICE STORM SEWER OR SERVICE WATER MAIN WATER SERVICE FORCE MAIN PIPE UNDERDRAIN	© GAS	GAS SERVICE VALVE CENTER LINE EASEMENT RIGHT OF WAY (ROW) TELEPHONE CABLE TELEPHONE DUCT
CI	CAST IRON	PD	PIPE DRAIN	☐ TEL	TELEPHONE VAULT
DI CL EL	DUCTILE IRON CENTERLINE ELEVATION	0	MANHOLE	o TR	TELEPHONE RISER
P	POINT	0	CATCH BASIN		CABLE TELEVISION (BURIED)
G	GUTTER		INLET	□ CTV	CABLE T.V. RISER
C BC	CURB BACK OF CURB		DRYWELL		CABLE T.V. VAULT UNDERGROUND ELECTRICAL
EP	EDGE OF PAVEMENT	$\triangleright$	END SECTION	¤ EM	ELECTRIC METER
TF	TOP OF FRAME	ರ	FIRE HYDRANT	ΠET	PAD MOUNTED TRANSFORMER
TC	TOP OF CURB OR CONCRETE	⊙WV	WATER VALVE W/ BOX AND COVER		ELECTRIC VAULT
CP R	SURVEY CONTROL POINT STRUCTURE TO BE RECONSTRUCTED	□	WATER VALVE VAULT	∍ JB	JUNCTION BOX
Ä	STRUCTURE TO BE ADJUSTED	⊙ BB ⊙co	CLEANOUT WATER SERVICE BOX	<b>B</b>	UTILITY POLE W/ GUY ANCHOR -
		₽ WM	WATER METER	Ř	UTILITY POLE W/ LIGHT
			TO BE ABANDONED AND/OR REMOV	ED ¤	LIGHT STANDARD
		G	GAS LINE	a WB	MAIL BOX
		⊙ GV	GAS VALVE W/ BOX AND COVER	$\diamond \diamond$	TRAFFIC SIGNAL POST W/ SIGNAL HEAD
		☐ cvv	GAS VALVE VAULT		HANDHOLE
		a CW	GAS METER	A ×	PAVEMENT CORE LOCATION
		O GR	CAS RISER		

### **PROPOSED**

BITUMINOUS SURFACE REMOVAL - BUTT JOINT

CLASS D PATCHES, TYPE IV -5"

### GENERAL NOTES

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED GRAVEL OR CRUSHED STONE.

ALL SAW CUTTING SHALL BE INCLUDED IN THE UNIT COST OF THE ITEM INDICATED FOR REMOVAL.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR A FLOURESCENT ORANGE VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE CONTRACT.

NO STREET CLOSURES WILL BE ALLOWED.

THE CONTRACTOR SHALL REPLACE ALL STREET SIGNS AND MAIL BOXES REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT.

ALL OPEN HOLES, BROKEN PAVEMENT AND TRENCHES RESULTING FROM STRUCTURE ADJUSTMENTS, CURB REPAIRS OR STORM SEWER WORK SHALL BE BACKFILLED FO GRADE BY THE END OF THE DAY.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR, SHALL CALL "JULIE" AT 800—892—0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND THE VILLAGE OF CAROL STREAM ENGINEERING SERVICES DEPARTMENT

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OF TYPE II BARRICADE USED — ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.

WHEN MILLED PAVENENT IN OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL SETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED. BUTT JOINTS ARE BEING INCLUDED IN THE COST OF REMOVAL

DRIVEWAYS SHALL REMAIN ACCESSIBLE DURING THE ENTIRE DURATION OF THE PROJECT.

ALL ELTUMINOUS MIXTURES SHALL BE QC/QA. HEAT SCARIFICATION AND ASPHALT MODIFIER SHALL BE QC/QA.

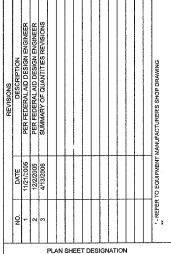
THE CURB AND GUTTER REMOVAL AND REPLACMENT AND PATCHING  $\nu$  'ILL NOT EXCEED THE QUANTITIES LISTED IN THE SUMMARY OF QUANTITIES

CURB AND GUTTER REMOVAL AND REPLACEMENT SCHEDULE							
STATION BEGIN	STATION END	LOCATION	LENGTH				
100+50	100+54	55' LT	4'				
100+80	100+96	40' LT	16'				
105+40	105+54	30' LT	14'				
107+00	107+05	30' LT	4'				
108+70	108+74	30' LT	4'				
112+70	113+05	30' LT	35'				
113+20	113+56	30' LT	36'				
116+50	117+50	30' LT	100'				
118+90	119+03	30' LT	13'				
125+45	125+77	30' LT	32'				
129+40	129+62	30' LT	22'				
132+85	133+33	30' LT	48'				
140+40	140+80	30' LT	40'				
141+65	141+71	30' LT	6'				
144+60	144+64	30' LT	4'				
149+45	149+76	30' LT	21'				
150+80	150+85	30' LT	5'				
101+45	101+59	35' RT	14'				
112+60	112+91	30' RT	31'				
113+15	113+35	30' RT	20'				
114+00	114+05	30' RT	5'				
114+40	114+44	30' RT	4'				
118+35	118+40	30' RT	5'				
123+65	123+72	30' RT	7'				
125+90	126+20	30' RT	30'				
144+80	144+93	40' RT	13'				
145+25	145+25	70' RT	17'				
146+25	146+25	30' RT	44'				
147+40	147+40	30' RT	13'				

	INLET REPAIR SCHEDULE									
	STATION	LOCATION	WORK TO BE DONE							
	101+70	LT	REPAIR							
	101+70	RT	ADJUST							
	104+80	LT	REPAIR							
	104+80	RT	REPAIR							
	107+95	LT	REPAIR							
	107+95	RT	REPAIR							
	111+10	LT	REPAIR							
	111+10	RT	REPAIR							
	115+50	RT	REPAIR							
	117+90	RT	REPAIR							
	120+70	RT	REPAIR							
	123+40	RT	REPAIR							
	126+20	RT	REPAIR							
	126+50	RT	REPAIR							
	127+45	LT.	REPAIR							
	129+70	LT	REPAIR							
	131+50	LT	REPAIR							
	133+20	LT	REPAIR							
	135+00	LT	REPAIR							
	136+80	LT	REPAIR							
	140+80	LT	REPAIR							
ĺ	143+55	LT	REPAIR							
	143+55	RT	REPAIR REPAIR							
	144+95 145+20	RT RT	REPAIR							
	145+20	RT	REPAIR							
	145+50	LT	REPAIR							
	147+70	RT	REPAIR							
	147+70	LT	REPAIR							
	149+80	RT .	REPAIR							
	153+10	I T	REPAIR							
	153+10	RT	REPAIR							
	100+10	13.1	INEL ABY							



ENGINEERING SERVICES 500 N. GARY AVENUE 60188 (630) 871 - 6220



	PLAN SHEET DESIGNATION
COVER	
G - GEN	ERAL .

H - HAZARDOUS MATERIALS

C - CIVIL

L - LANDSCAPE S - STRUCTURAL

A - ARCHITECTURAL I - INTERIORS

0 - FOUIPMENT

F - FIRE PROTECTION

P - PLUMBING M - MECHANICAL

E - ELECTRICAL T - TELECOMMUNICATIONS

R - RESOURCE

PROJECT NO.: M-8003 (552)

DWG FILE: LIES ROAD

SCALE: N/A

DRAWING DATE: 9/30/05

DESIGNED BY: JB

DRAWN BY: JB

CHECKED BY: BC

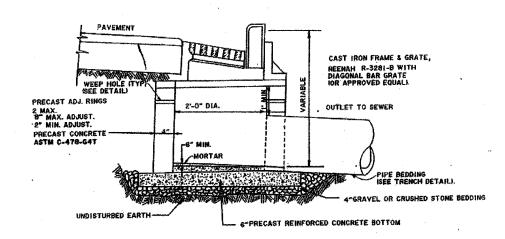
PLOTTED BY: MS

VILLAGE OF CAROL STREAM ILLINOIS

LIES ROAD (LAPP) PROJECT

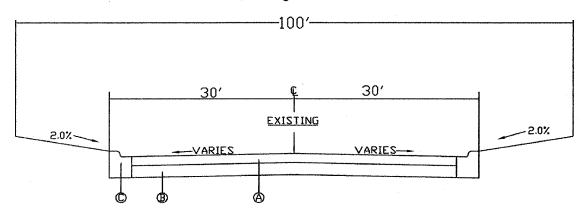
SHEET TITLE

SUMMARY & SCHEDULE OF QUANTITIES, LEGEND, DETAILS AND GENERAL NOTES



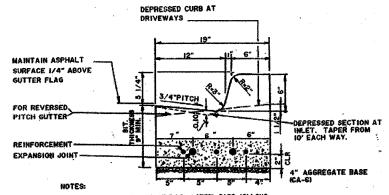
INLET DETAIL

Existing R.O.W.



Existing Legend STA 100+42 – 153+60

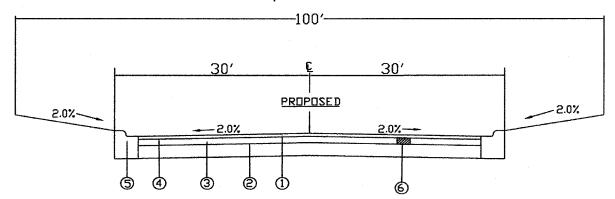
- A Bituminous Surface Removal (2.5")
- B Existing Bit. Agg. Matl. Base
- Existing Comb. Conc. Curb & Gutter TYPE B6.12



- ALL JOINTS TO SE SEALED WITH APPROVED JOINT SEALER.
- MARK CURB WITH INSCRIBED "S" OR "W" FOR UTILITY CROSSINGS

CURB & GUTTER B-6.12

# Proposed R.O.W.



# Proposed Legend STA 100+42 - 153+60

- ① Bit. Conc. Sur. Crse. SuperPave, Mix D, N70 (2.0")
- Strip Reflective Crack Control Treatment
- 3 Leveling Binder (Machine Method) SuperPave N70\*
  - Bit. Material (Prime Coat)
- (5) Comb. Conc. Curb & Gutter
- (6) CLASS D PATCH, TYPE IV, 5"
- \*0.75" 1.75" Varies to Maintain 2% Cross Slope

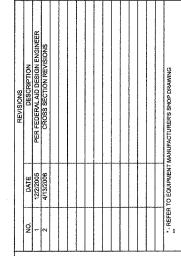
### THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURES IS 112 LBS/YD<sup>2</sup>/IN

The second secon								
MIXTURE REQUIREMENTS								
MIXTURE USES	AC/PG	AIR VOIDS PERCENT	PERCENT RAP					
BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D", N70	PG 64-22	4% @ 70 GYRATIONS	10%					
LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70	PG 64-22	4% @ 70 GYRATIONS	10%					
CLASS D PATCHES, TYPE IV, 5", IL-19mm	PG 64-22	4% @ 70 GYRATIONS	15%					



**ENGINEERING SERVICES** 500 N. GARY AVENUE 60188

(630) 871 - 6220



PLAN SHEET DESIGNATION

G - GENERAL H - HAZARDOUS MATERIALS

- C CIVIL L LANDSCAPE
- S STRUCTURAL A ARCHITECTURAL I - INTERIORS
- Q EQUIPMENT
- F FIRE PROTECTION
- P PLUMBING M - MECHANICAL
- E ELECTRICAL
- T TELECOMMUNICATIONS
- R RESOURCE

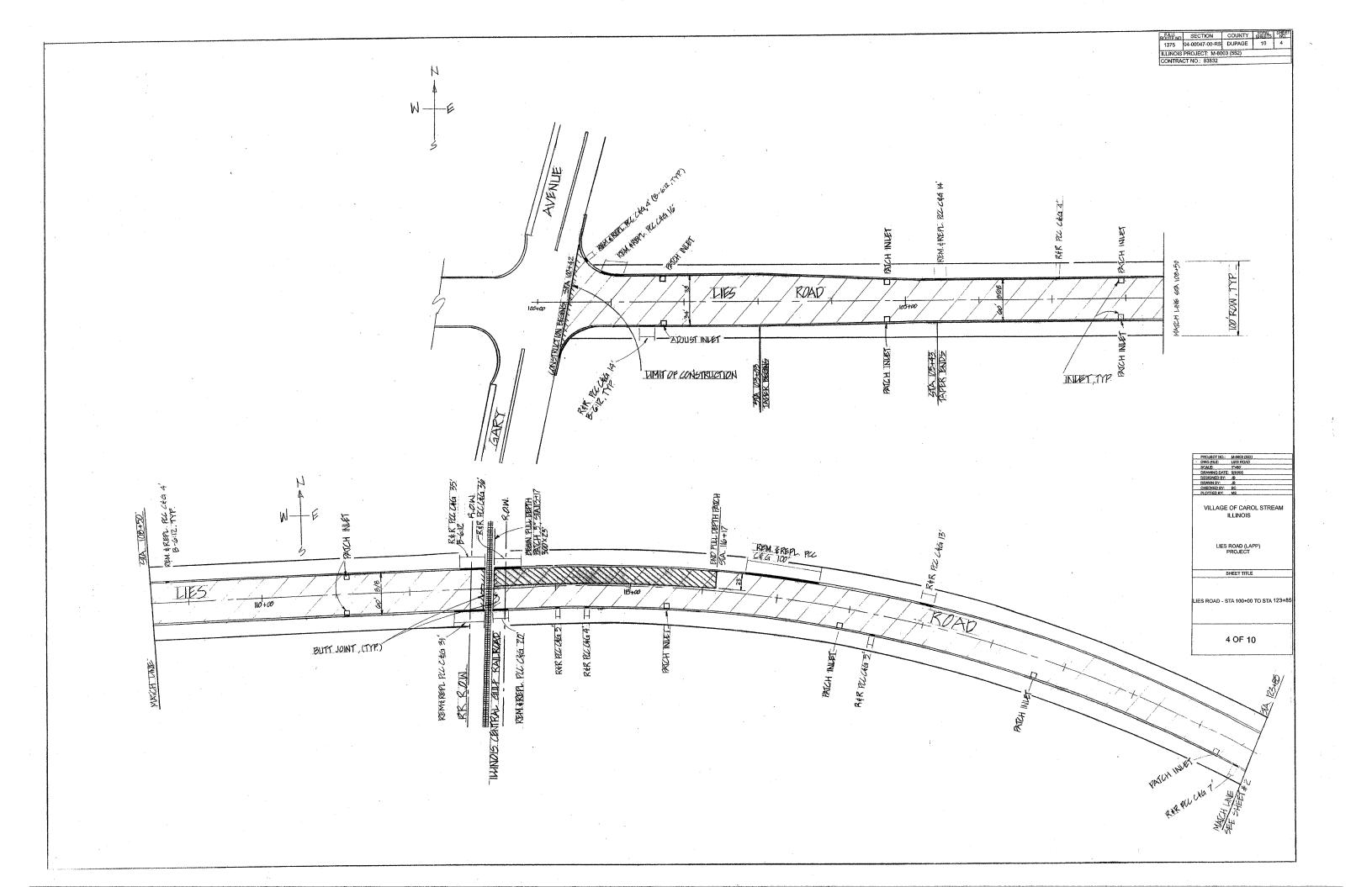
PROJECT NO.: M-8003 (552) DWG FILE: LIES ROAD SCALE: N/A DRAWING DATE: 9/30/05 DESIGNED BY: JB DRAWN BY: JB CHECKED BY: BC PLOTTED BY: MS

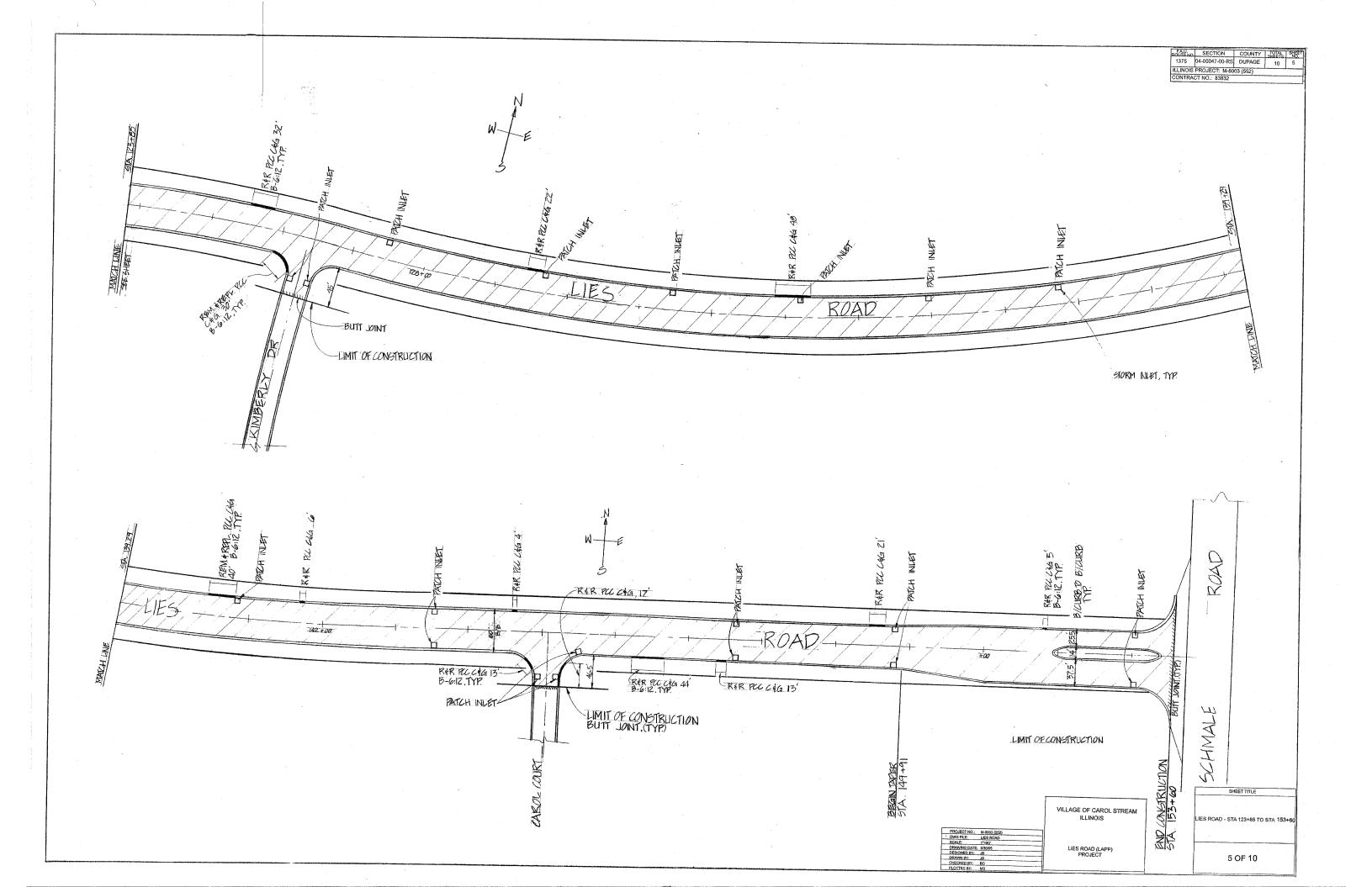
VILLAGE OF CAROL STREAM ILLINOIS

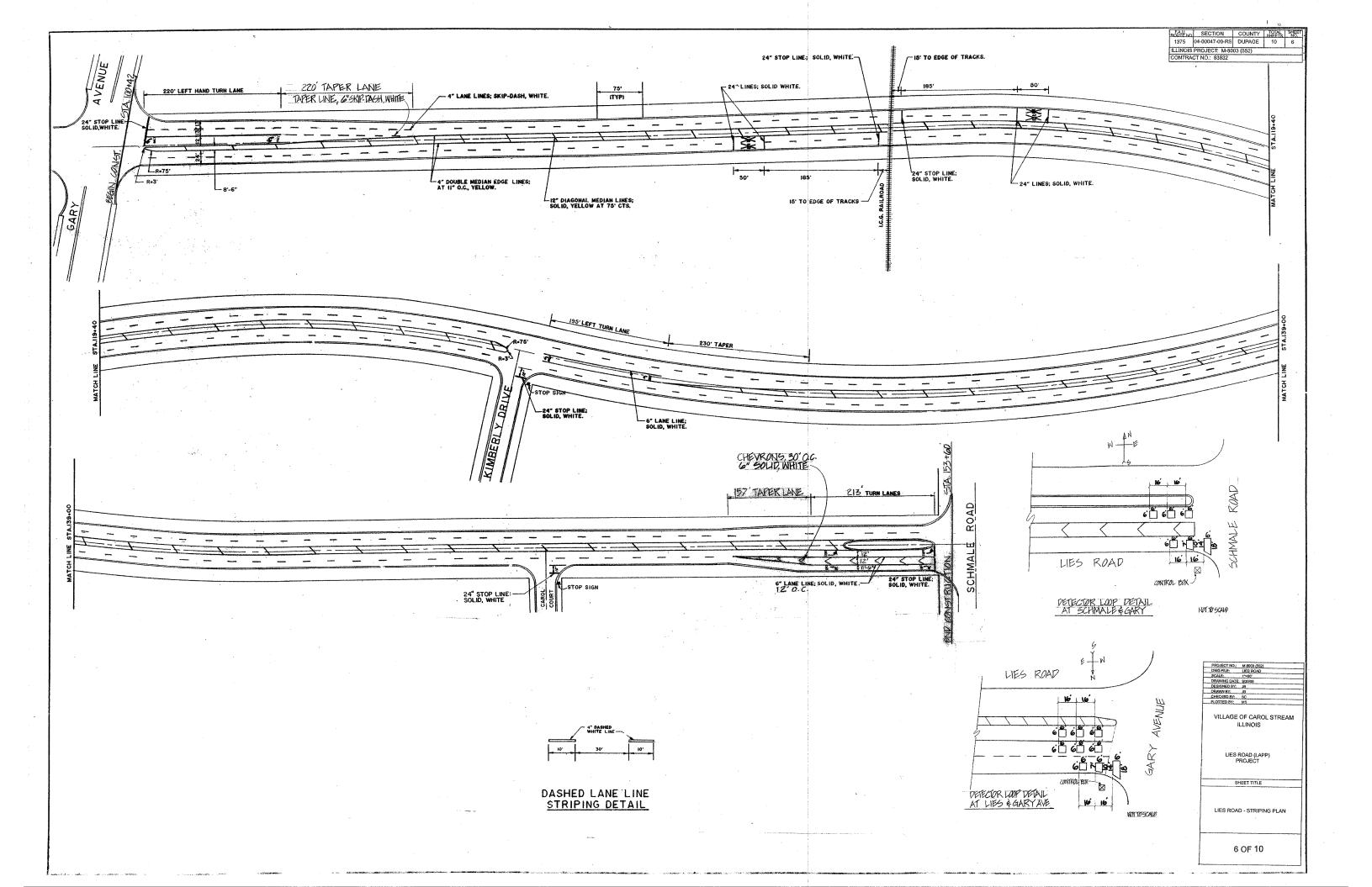
LIES ROAD (LAPP) PROJECT

SHEET TITLE

INLET AND CURB AND GUTTER DETAILS, TYPICAL CROSS-SECTION





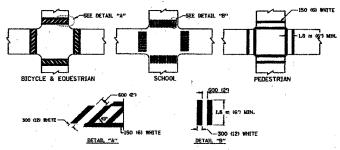


-60 (2) TO EDGE OF EDGE LINE EDGE OF PAVEMENT 100 (4) WHITE LANE LINE  $\leftarrow$ ----100 (4) YELLOW 100 (4) YELLON 3 m (10°) 9 m (50°) 50 (2) - -100 (4) WHITE EDGE LINE EDGE OF PAVEMENT MULTI-LANE UNDIVIDED

\_100 (4) WHITE FDGE LINE \_\_\_ 3 m (102 \_9 m (307\_ <--L 100 (4) WHITE LANE LINE \_ 100 (4) YELLOW EDGE LINE (  $\Rightarrow$ ➡ 3 m (10°) 9 m (30°) 50 (2)7 EDGE OF PAVEMENT - 100 (4) WHITE EDGE LINE MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

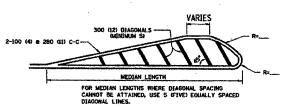
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

2-100 (4) YELLOW @ 280 (11) C-C--2-100 (4) YELLOW @ 288 (11) C-C

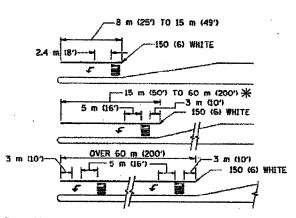
1.2 m (47 WIDE MEDIANS ONLY



DIAGONAL LINE SPACING: 15 m (50") C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75") C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150") C-C (MORE THAN 70 km/h (45 MPH))

MEDIANS OVER 1.2 m (4") WIDE 100 (4) YELLOW LINES (140 (51/2) C-C) TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. RS SHALL BE PLACED AT 60 m. (2007) TO 90 m (3007) INTERVALS,

> MEDIAN WITH TWO-WAY LEFT THRN LANE TYPICAL PAINTED MEDIAN MARKING



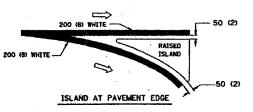
FULL SIZE LETTERS 2.4 m (8") AND ARROWS SHALL BE USED.

\* TURN LANES IN EXCESS OF 120 m (400") IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

300 (12) WHITE DIAGONALS # 3 m (10') OR LESS SPACING ISLAND OFFSET FROM PAVEMENT EDGE



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIOTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LAME PAVEMENT .	100 (4)	SKIP-DASH	YELLOW	3 m (IO) LINE WITH 9 m (IO) SPACE
CENTERLINE ON MULTI-LANE UNDIVEDED PAVEMENT	2 4 100 (4)	SOLID	YELLOW	280 (II) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 B 100 (4)	SOLID SOLID	AETTOM AETTOM	140 (S/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHETE	3 m GO'S LINE WITH 9 to GO'S SPACE
DOTTED LINES EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES .	100 (4)	SQLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW: EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (87)	SOLID	WHITE -	SEE TYPICAL TURN LAME MARKING DETAIL
TWO WAY LEFT TURN WARKING	2 8 100 (4) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	3 m (80') LINE WITH 9 m (30') SPACE FOR SKIP-DASH, 140 (5½) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	2.4 m.(8') LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL THO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & COUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 8 150 161 300 (12) 2 45° 300 (12) 6 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.6 in GCT APART 600 (27) APART 600 (27) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	690 (24)	SOL10	WINTE	PLACE 1.2 to 443 th advance of and parallel to exposurely, if present themselve, place at despend stopping point. Farallel to epositional deviction, swere possible.
PAINTED MEDIANS	2 & 100 (4) WITH 300 (IZ) DIAGONALS	SOLID	YELLOW: TWO WAY TRAFFIC	280 GID C-C FOR THE DOUBLE LINE
	e 45° NO DIACONALS USED FOR 1.2 m (47 WIDE MEDIANS		WHITE: ONE WAY TRAFFIC	SEE TYPICAL PAINTED MEDIAN MARKING,
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS # 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 5 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH 3 m (50') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6") 1ETTERS; 400 (16) LINE FOR "K"	SOLID	WATE	SEE STATE STANDARD 7800D1 AREA 0Ft "RP-0_035m2 (3.6 SQ. FT.) EACH "X"MESO m2 (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) p 45°	SOLID	WHITE - RIGHT YELLOW + LEFT	15 m (50°) C-C (LESS THAN 50 km/r) (30 MPH)) 25 m (75°) C-C (30 km/r) (30 MPH) TO 70 km/h (45 MPH 45 m (150°) C-C (OVER 70 km/r) (45 MPH)

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND SRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE TYPICAL PAVEMENT MARKINGS

DRAWN BY CADD CHECKED BY

ROUTE NO. SECTION COUNTY SHEETS SHEET 1375 04-00047-00-RS DUPAGE 10 7

ILLINOIS PROJECT: M-8003 (552) CONTRACT NO.: 83832

> **ENGINEERING SERVICES** 500 N. GARY AVENUE 60188 (630) 871 - 6220

				_			-	-	-		_	_			 	
REVISIONS	DESCRIPTION															* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWING
	DATE															ER TO EQUIPMENT MA
	Ö															÷ :
•	c	OV	FR	_	PLA	NI:	SHI	EET	ΓDI	ESI	GN	ATI	ON			

H - HAZARDOUS MATERIALS

L - LANDSCAPE

S - STRUCTURAL

A - ARCHITECTURAL I - INTERIORS

Q - EQUIPMENT

P ~ PLUMBING

M - MECHANICAL E - ELECTRICAL

- TELECOMMUNICATIONS

R - RESOURCE

DWG FILE: LIES ROAD

DRAWING DATE: 9/30/05 DESIGNED BY: JB DRAWN BY: JB

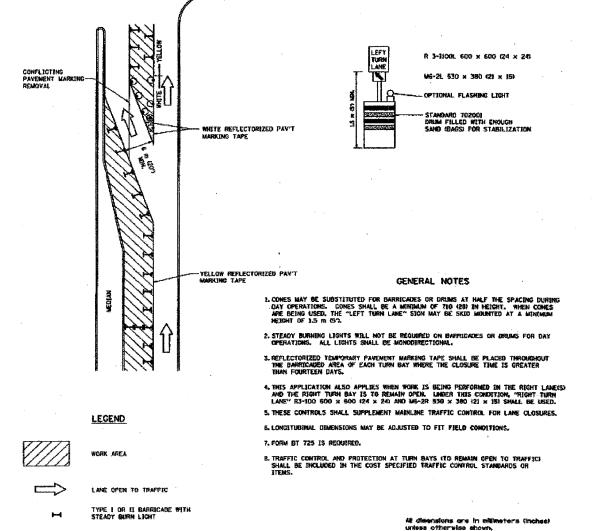
PLOTTED BY: MS

VILLAGE OF CAROL STREAM ILLINOIS

> LIES ROAD (LAPP) PROJEČT

SHEET TITLE

**IDOT DISTRICT 1** TYPICAL PAVEMENT MARKINGS



BLUNGIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS

ITO REMAIN OPEN TO TRAFFICE

CHECKED BY LIKE

SCALE: NONE

ORUM WITH STEADY BURN LIGHT

TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FEE. 1010 1177, 481. BASHON PEE. 483 1 TYPE I OR TYPE II BARRICADES WITH ONE FLASHING AMBER LIGHT ON EACH. OR TYPE III BARRICADES WITH TWO FLASHING AMBER LIGHTS ON EACH. 60 m± (200°±)---DRIVEWAY 60 m± (200'±) 5

### TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 1. SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN BO KIB/H (40 MPH) AS SKOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEERS
- O) ONE ROAD (CONSTRUCTION ANSAB SIGN L2 m x 1.2 m (48x48) WITH A FLASHER MAINTED ON IT APPROXIMATELY 150 m (500") IN ADVANCE
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW MAG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY.
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES STID. 701501, STD. 701506 OR THE APPROPRIATE STANDARD. THE SPACENS OF STEEN AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CHASISTENT WITH THE SIDE ROAD LANE CLOSING.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL AND PROTECTION FOR

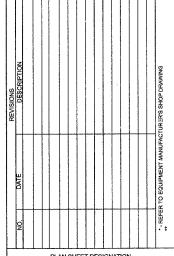
SIDE ROADS, INTERSECTIONS, AND , DRIVEWAYS

DRAWN BY

ROUTE NO. SECTION COUNTY SHEETS SHEET 1375 04-00047-00-RS DUPAGE 10 8

ILLINOIS PROJECT: M-8003 (552) CONTRACT NO.: 83832

> **ENGINEERING SERVICES** 500 N. GARY AVENUE 60188 (630) 871 - 6220



### PLAN SHEET DESIGNATION COVER

- G GENERAL
- H HAZARDOUS MATERIALS C - CIVIL
- L LANDSCAPE S STRUCTURAL
- A ARCHITECTURAL I INTERIORS
- Q EQUIPMENT F FIRE PROTECTION
- P PLUMBING M MECHANICAL
- E ELECTRICAL T TELECOMMUNICATIONS
- R RESOURCE

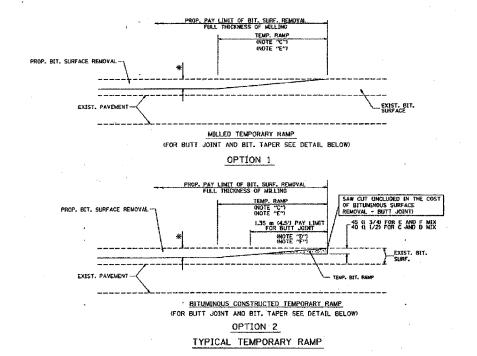
PROJECT NO.: M-8003 (552)
DWG FILE: LIES ROAD SCALE: DRAWING DATE: 9/30/05 DESIGNED BY: JB DRAWN BY: JB CHECKED BY: BC

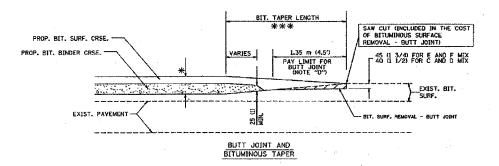
> VILLAGE OF CAROL STREAM ILLINOIS

> > LIES ROAD (LAPP)

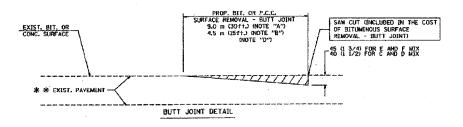
SHEET TITLE

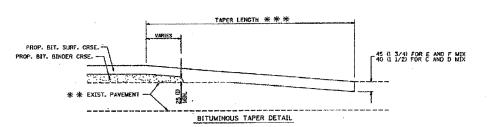
IDOT TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS





| ROUTE NO | SECTION | COUNTY | SHEETS | SHEET | NO. | 1375 | 04-00047-00-RS | DUPAGE | 10 | 9 ILLINOIS PROJECT: M-8003 (552) CONTRACT NO.: 83832





### TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

\* \* PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

BASIS OF PAYMENT:

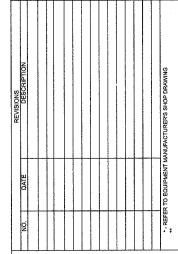
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 900 (3 ft.) PER INCH OF MILLING THICKNESS.
- G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS



**ENGINEERING SERVICES** 500 N. GARY AVENUE 60188 (630) 871 - 6220



- H HAZARDOUS MATERIALS
- L LANDSCAPE
- L LANDSCAPE
  S STRUCTURAL
  A ARCHITECTURAL
  I INTERIORS
  Q EQUIPMENT
  F FIRE PROTECTION
- P PLUMBING
- M MECHANICAL
- E ELECTRICAL T - TELECOMMUNICATIONS

PLOTTED BY: MS

R - RESOURCE

PROJECT NO.: M-8003 (552)
DWG FILE: LIES ROAD
SCALE: N/A DRAWING DATE: 9/30/05 DESIGNED BY: JB DRAWN BY: JB

VILLAGE OF CAROL STREAM ILLINOIS

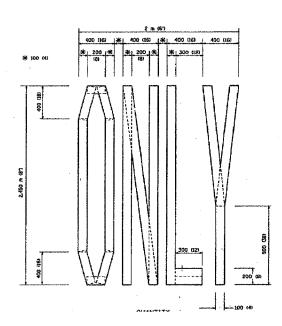
> LIES ROAD (LAPP) PROJEČT

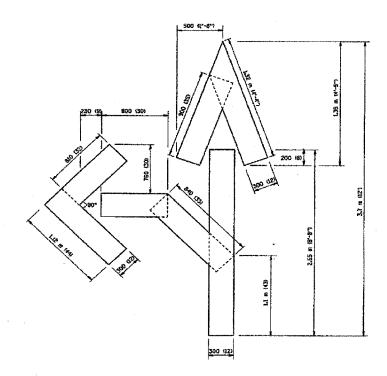
IDOT BUTT JOINT AND **BITUMINOUS TAPER** DETAILS

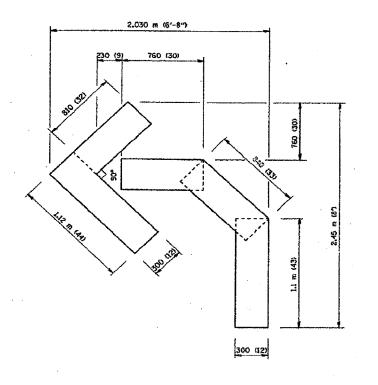
9 OF 10

TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR MILLING AND RESURFACING

 ROUTE NO	SECTION	COUNTY	SHEETS	SHEET							
1375	04-00047-00-RS	DUPAGE	10	10							
ILLINOIS PROJECT: M-8003 (552)											
CONTRA	CT NO.: 83832										

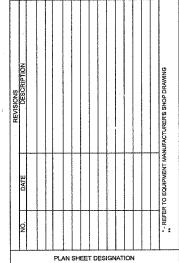








**ENGINEERING SERVICES** 500 N. GARY AVENUE 60188 (630) 871 - 6220



# PLAN SHEET DESIGN COVER G - GENERAL H - HAZARDOUS MATERIALS C - CIVIL L - LANDSCAPE S - STRUCTURAL A - ARCHITECTURAL I - INTERIORS Q - EQUIPMENT F - FIRE PROTECTION P - PLUMBING M - MECHANICAL E - ELECTRICAL T - TELECOMMUNICATIONS R - RESOURCE

PLOTTED BY: MS

PROJECT NO.: M-8003 (552)
DWG FILE: LIES ROAD
SCALE: N/A
DRAWING DATE: 9/30/05
DESIGNED BY: JB DRAWN BY: JB CHECKED BY: BC

VILLAGE OF CAROL STREAM ILLINOIS

LIES ROAD (LAPP) PROJECT

SHEET TITLE

IDOT PAVEMENT MARKING **LETTERS & SYMBOLS** FOR TRAFFIC STAGING

10 OF 10

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

DRAWN BY CADD CHECKED BY