

WHITE BEAR AVE. AT WOODLYNN AVE. - LEFT TURN LANE S.A.P. 62-665-13

7-14-77 L.K.F. STATEMENT OF ESTIMATED QUANTITIES (ENGINEER'S ESTIMATE) *Rev 7-14-77*

ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	UNIT PRICE	AMOUNT
2104.503	REMOVE CONCRETE SIDEWALK	S.F.	6,893	75	5,169 75
2104.501	REMOVE CONCRETE CURB AND GUTTER	L.F.	450	1 25	562 50
2104.501	REMOVE 15" R.C.P.	L.F.	10	3 50	35 00
2104.509	REMOVE CATCH BASIN	EA.	1	65 00	65 00
2104.523	SALVAGE CASTING	EA.	1	50 00	50 00
2211.501	AGGREGATE BASE CLASS 5	TON	258	4 00	1,032 00
2301.501	8" NON-REINFORCED CONCRETE PAVEMENT	S.Y.	434	8 50	3,689 00
2301.521	STRUCTURAL CONCRETE	C.Y.	32	30 00	960 00
2301.529	REINFORCEMENT BARS	LB.	294	50	147 00
2503.501	15" R.C.P. SEWER CL. IV	L.F.	10	10 50	105 00
2506.507	CONSTRUCT CATCH BASIN DESIGN R.C.- 2	L.F.	4.2	142 86	600 00
2521.501	4" CONCRETE SIDEWALK	S.F.	3,510	1 60	5,616 00
2531.501	CONCRETE CURB AND GUTTER , DESIGN B618	L.F.	440	4 00	1,760 00
565.606	RELOCATE HANDHOLE #22	EA.	1	50 00	50 00
			TOTAL		19,841 25

MICROFILMED
RAMSEY CO. EN. 1

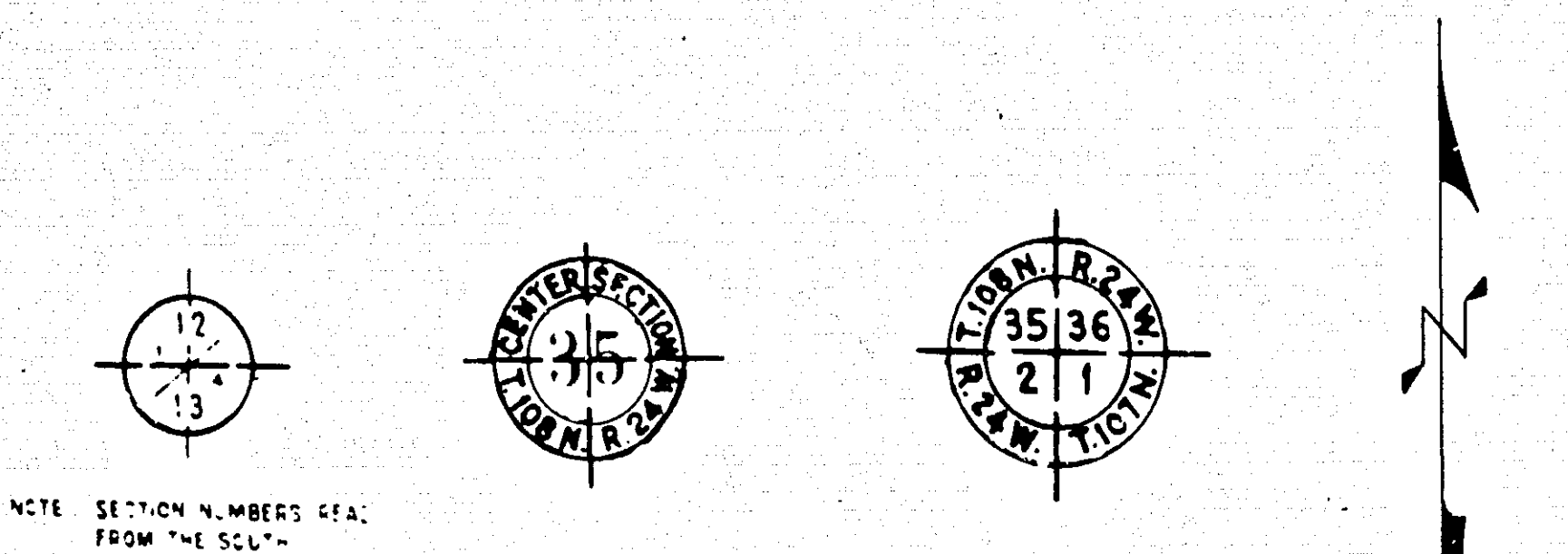
22-117

PLANS SYMBOLS

STATE LINE	-----	SPRINGS	-----
COUNTY LINE	-----	MARSH	-----
TOWNSHIP OR RANGE LINE	-----	TIMBER	-----
SECTION LINE	-----	ORCHARD	-----
QUARTER LINE	-----	BRUSH	-----
SIXTEENTH LINE	-----	NURSERY	-----
RIGHT OF WAY LINE	-----	CATCH BASIN	-----
PRESENT RIGHT OF WAY LINE	-----	FIRE HYDRANT	-----
CONTROL OF ACCESS LINE	-----	CATTLE GUARD	-----
PROPERTY LINE (Except Land Lines)	-----	OVERPASS (Highway Over)	-----
VACATED PLATTED PROPERTY	-----	UNDERPASS (Highway Under)	-----
CORPORATE OR CITY LIMITS	-----	BRIDGE	-----
TRUNK HIGHWAY CENTER LINE	-----	BUILDING (One Story Frame)	-----
RETAINING WALL	-----	F FRAME C CONCRETE	-----
RAILROAD	-----	S STONE T TILE	-----
RAILROAD RIGHT OF WAY LINE	-----	B BRICK ST STUCCO	-----
RIVER OR CREEK	-----	IRON PIPE OR ROD	-----
DRY RUN	-----	MONUMENT (STONE, CONCRETE, OR METAL)	-----
DRAINAGE DITCH	-----	WOODEN HUB	-----
DRAIN TILE	-----	GRAVEL PIT	-----
CULVERT	-----	SAND PIT	-----
DROP INLET	-----	BORROW PIT	-----
GUARD RAIL	-----	ROCK QUARRY	-----
BARBED WIRE FENCE	-----		
WOVEN WIRE FENCE	-----		
CHAIN LINK FENCE	-----		
RAILROAD SHOW FENCE	-----		
STONE WALL OR FENCE	-----		
HEDGE	-----		
RAILROAD CROSSING SIGN	-----		
RAILROAD CROSSING BELL	-----		
ELECTRIC WARNING SIGN	-----		
CROSSING GATE	-----		
MEANDER CORNER	-----		

UTILITIES SYMBOLS

POWER POLE LINE	-----	CONDUIT	-----
TELEPHONE OR TELEGRAPH POLE LINE	-----	TELEPHONE CABLE IN CONDUIT	-----
JOINT TELEPHONE AND POWER ON POWER POLES	-----	ELECTRIC CABLE IN CONDUIT	-----
ON TELEPHONE POLES	-----	TELEPHONE MANHOLE	-----
ANCHOR	-----	ELECTRIC MANHOLE	-----
STEEL TOWER	-----	BURIED TELEPHONE CABLE	-----
STREET LIGHT	-----	BURIED ELECTRIC CABLE	-----
PEDESTAL TELEPHONE CABLE TERMINAL	-----	AERIAL TELEPHONE CABLE	-----
GAS MAIN	-----	SEWER (SANITARY OR STORM)	-----
WATER MAIN	-----	SEWER MANHOLE	-----



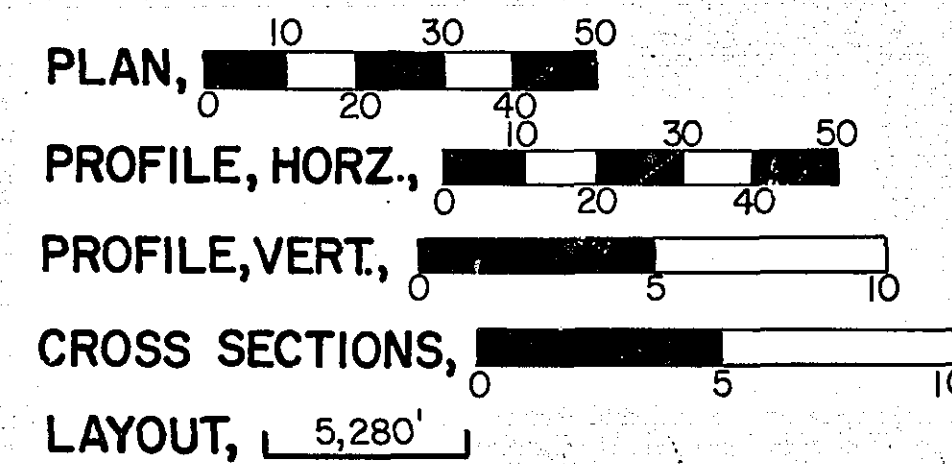
PIT DATA

PIT NO.	Located in
PIT NO.	Dead Haul
PIT NO.	Located in
PIT NO.	Dead Haul

THE "MINNESOTA HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED JANUARY 1, 1972 AS AMENDED BY "SUPPLEMENTAL SPECIFICATIONS" DATED APRIL 1, 1976 SHALL GOVERN.

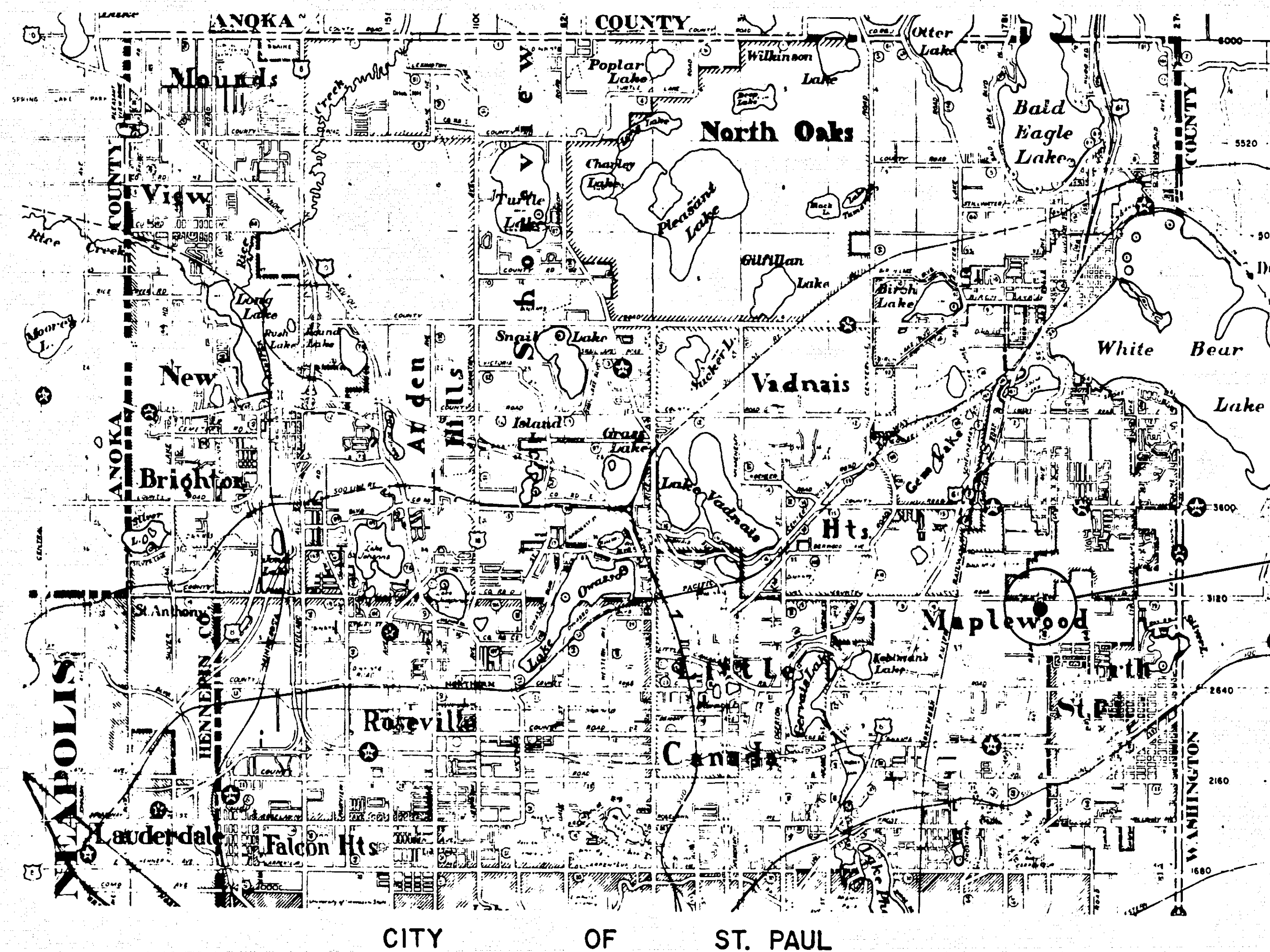
WHITE BEAR AVE.
AT
WOODLYN AVE.

GROSS LENGTH	445	FEET = 0.0843 MILES
BRIDGES-LENGTH	FEET =	MILES
EXCEPTIONS-LENGTH	FEET =	MILES
NET LENGTH	445	FEET = 0.0843 MILES



OFFICE OF COUNTY ENGINEER RAMSEY COUNTY

WHITE BEAR AVE.
AT
WOODLYN AVE.
IN MAPLEWOOD
CONSTRUCTION PLAN FOR: LEFT TURN LANE
S.A.P. NO. 62-665-13 ACCOUNT NO. 50152



INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION PLAN

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Wayne Leonard
Date Aug. 9, 1977 Reg. No. 5782

RECOMMENDED FOR APPROVAL: <i>R. D.</i> DATE <u>8/9/77</u>	RECOMMENDED FOR APPROVAL: <i>Handwritten</i> DATE <u>8-10-77</u>
RECOMMENDED FOR APPROVAL: <i>M.D.K.</i> DATE <u>8/9/77</u>	APPROVED: <i>Handwritten</i> DATE <u>2-21-78</u>
RECOMMENDED FOR APPROVAL: <i>J.A.P.</i> DATE <u>8/9/77</u>	APPROVED: <i>Handwritten</i> DATE <u>11/1/77</u>
RECOMMENDED FOR APPROVAL: <i>P.K.</i> DATE <u>8/9/77</u>	APPROVED: _____ DATE _____
RECOMMENDED FOR APPROVAL: <i>L.K.F.</i> DATE <u>8-9-77</u>	APPROVED: _____ DATE _____
APPROVED: <i>Handwritten</i> DATE <u>8-10-77</u>	MINNESOTA DEPARTMENT OF TRANSPORTATION
	RECOMMENDED FOR APPROVAL: <i>Handwritten</i> DATE <u>11/29/77</u>
	RECOMMENDED FOR APPROVAL: <i>Handwritten</i> DATE <u>11/30/77</u>
	APPROVAL: <i>Handwritten</i> DATE <u>12/1/77</u>

MICROFILMED
RAMSEY CO. ENGR.

STATEMENT OF ESTIMATED QUANTITIES				
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2506.507	CONSTRUCT CATCH BASIN DESIGN R.C.- 2	L.F.	4.2	
2521.501	4" CONCRETE SIDEWALK	S.F.	3,510	
2531.501	CONCRETE CURB AND GUTTER , DESIGN B61B	L.F.	440	
565.606	RELOCATE HANDHOLE #22	EA.	1	

STANDARD DETAIL PLATES	
0002 A	SPECIFICATION REFERENCE TO STANDARD PLATES
1016 F	CONCRETE PAVEMENTS : NON- REINFORCED
1100 K	EXPANSION JOINTS
1120 P	CONTRACTION JOINTS
1140 P	LONGITUDINAL JOINTS
1141 B	PAVEMENT KEYWAY FOR KEYED JOINT CONSTRUCTION
3000 G	REINFORCED CONCRETE PIPE
3006 B	GASKET JOINT FOR REINFORCED CONCRETE PIPE
7100 D	CONCRETE CURB AND GUTTER
8000F	STANDARD BARRICADE

