INDEX OF SHEETS

DESCRIPTION

TITLE & INDEX OF SHEETS

GENERAL NOTES, STANDARDS & SCHEDULE OF QUANTITIES

TYPICAL SECTIONS

PLAN SHEETS

PAVEMENT MARKING PLANS

TYPICAL PAVEMENT MARKING DETAILS

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS,
INTERSECTIONS AND DRIVEWAYS

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

PAVEMENT PATCHING FOR BITUMINOUS SURFACE PAVEMENT

DETAILS FOR FRAMES AND LID ADJUSTMENT WITH MILLING

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HIGHWAY STANDARDS SEE SHEET 2 OF 17.

PAVEMENT MARKINGS LETTERS AND SYMBOLS FOR TRAFFIC STAGING

TRAFFIC DATA

ADT (2003) = 13,000

POSTED SPEED = 40 mph



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.

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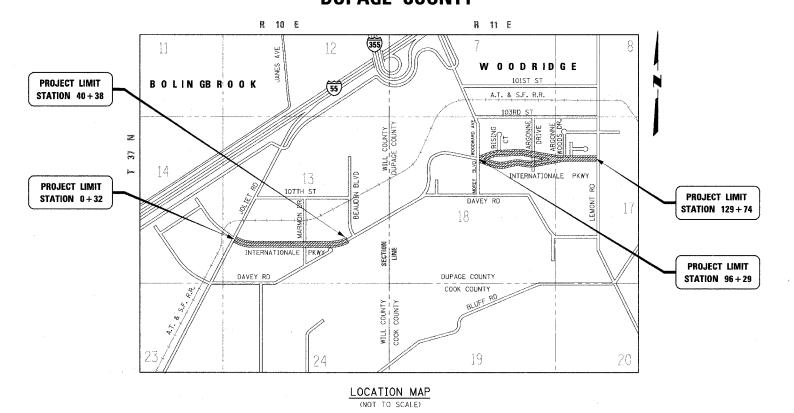
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

CONTRACT NO. 83788

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID PROJECT RESURFACING

FAU ROUTE 2992 (INTERNATIONALE PARKWAY)
FAU ROUTE 378 (JOLIET RD) TO BEAUDIN BLVD &
WOODWARD AVE TO FAU ROUTE 2612 (LEMONT RD)
SECTION: 04-00052-00-FP
PROJECT: M-8003(466)
JOB NO.: C-91-092-05
VILLAGE OF WOODRIDGE
DUPAGE COUNTY

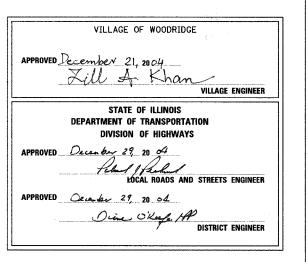


GROSS LENGTH AND NET LENGTH = 7,351 FEET (1.39 MILES)

OCCOMPTS REPORTS RE | F.A.U. | SECTION | COUNTY | TOTAL SHEETS | NO | 2992 | 04-00052-00-FP | DUPAGE | 17 | 1

CONTRACT NO.: 83788





# PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PLANS PREPARED BY:



1701 GOLF ROAD, SUITE 1000 TEL (847) 364-8800 ROLLING MEADOWS IL. 60008 FAX (847) 364-8818

PUSH, URS CORPORATION (847) 228-0707

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### GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS:

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002, (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFACTIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED MARCH 1, 2005; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PROJECT COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE VILLAGE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF BEGINING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. ATTENTION IS CALLED TO SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN, OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN SAFETY VESTS MEETING THE REQUIREMENTS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE SPECIFICATION ANSI/ISEA 107-1999 FOR CONSPICUITY CLASS 2 GARMENTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.

EXISTING UTILITIES:
EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE VILLAGE OF WOODRIDGE AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS. THE
CONTRACTOR SHALL GIVE PRIOR NOTIFICATION TO THE UTILITY COMPANIES AND THE VILLAGE OF WOODRIDGE OF HIS INTENTION TO BEGIN WORK.

CERTAIN EXISTING UTILITY FACILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION WILL HAVE TO BE REMOVED AND RELOCATED BY THE UTILITY COMPANIES OR THE VILLAGE OF WOODRIDGE. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE PROPOSED WORK WITH ALL AFFECTED UTILITY COMPANIES AND THE VILLAGE OF WOODRIDGE SO AS TO INSURE THE TIMELY COMPLETION AND MAINTENANCE OF SAID UTILITY FACILITIES.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR INTERFERENCE WITH OR DAMAGE TO ANY EXISTING UTILITY FACILITY AND APPURTENANCES SUCH AS WATER MAINS, SEWERS, GAS MAINS, ELECTRIC AND SIGNAL CABLES, CONDUITS, ETC., RESULTING FROM THE OPERATIONS OF THE CONTRACTORS EQUIPMENT OR EMPLOYEES AND SHALL REPAIR
OR REPLACE MUNICIPAL OWNED FACILITIES AT THE CONTRACTORS EXPENSE AND WITH THE LEAST POSSIBLE DELAY. THE CONTRACTOR IS REQUIRED TO REIMBURSE ANY IMPACTED PRIVATE UTILITY COMPANY THE COST OF REPAIRS OR REPLACEMENT. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY EXPENSES INCURRED BECAUSE OF DELAYS, INCONVENIENCES OR INTERRUPTIONS TO HIS WORK RESULTING FROM COMPLIANCE WITH THE ABOVE REQUIREMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING J.U.L.I.E. AT TOLL FREE NUMBER 800-892-0123 AND THE VILLAGE OF WOODRIDGE PUBLIC WORKS DEPARTMENT AT 630-719-4755 REQUESTING UTILITY LOCATION STAKING PRIOR TO EXCAVATING.

### TRAFFIC CONTROL AND MAINTENANCE:

THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT ONLY ONE TEMPORARY LANE CLOSURE
IN EACH DIRECTION IS IMPLEMENTED AT A TIME. A LANE CLOSURE WILL ONLY BE PERMITTED DURING CONSTRUCTION OPERATIONS AND IN ACCORDANCE WITH THE APPLICABLE IDOT STANDARD. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES INCLUDING FLAGGERS REQUIRED TO MAINTAIN TRAFFIC FLOW. THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT NO HOLES IN THE PAVEMENT REMAIN OPEN OVER NIGHT.

ACCESS TO ABUTTING PROPERTY SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. TIME REQUIRED FOR CONSTRUCTION AT DRIVEWAYS SHALL BE LIMITED TO THE MINIMUM TIME REQUIRED FOR SAID CONSTRUCTION AND, IF REQUIRED, TEMPORARY AGGREGATE SURFACE FOR DRIVEWAY ACCESS SHALL BE PROVIDED.

### HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-03	SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
442201-01	CLASS C AND D PATCHES
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701606-04	URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUTS FOR DETECTION LOOPS

DISPOSAL OF EXCESS MATERIAL:

ALL EXCESS MATERIAL AND ANY OTHER DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN OFF-SITE DISPOSAL AREA.

### PROTECTION OF PUBLIC/PRIVATE PROPERTY:

THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES, SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/PRIVATE PROPERTY. ANY ITEM THAT IS DAMAGED SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO

SAW <u>CUTTING FOR REMOVAL:</u>
THE CONTRACTOR SHALL BE REQUIRED TO MAKE A FULL DEPTH SAW CUT AT THE EDGE OF PAVEMENT ADJACENT TO THE REMOVAL OF ALL CONCRETE CURB OR COMBINATION CONCRETE CURB AND GUTTER. THE CONTRACTOR SHALL MAKE ALL FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB AND GUTTERS, SIDEWALKS, AND DRIVEWAYS AS SPECIFIED, OR AS DIRECTED BY THE ENGINEER. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR REMOVAL OF THE SPECIFIED ITEM IN THE CONTRACT.

BITUMINOUS SURFACE REMOVAL:

[THE ITEM OF BITUMINOUS SURFACE REMOVAL SHALL INCLUDE ALL SAW CUTS AND MILLING TO PROVIDE A NEAT, STRIAGHT PERPINDICULAR EDGE ADJACENT TO PAVEMENT TO REMAIN. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR BITUMINOUS SURFACE REMOVAL.

### EXISTING STREET CLEANLINESS:

THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER.

BASE COURSE CLEANING:

PRIOR TO APPLYING THE BITUMINOUS PRIME COAT, THE BASE SURFACE INCLUDING
GUTTERS SHALL BE CLEANED OF LOOSE GRINDINGS, LEAVES, OF ALL DUST, DIRT, WEEDS AND THER FOREIGN MATERIALS. COST TO BE CONSIDERED INCLUDED IN THE COST OF THE BITUMINOUS SURFACE WORK.

SE PAICHING AND MEMAIM:
PRIOR TO THE PLACEMENT OF PATCHES FOR BASE REPAIR, THE SUBBASE SHALL BE INSPECTED
BY THE ENGINEER. IF ADDITIONAL SUBBASE REPAIR IS NECESSARY, THE AREA SHALL BE UNDERCUT AND BACKFILLED WITH P.G.E. MATERIAL AS APPROVED BY THE ENGINEER. THE UNDERCUTTING, REMOVAL, HAULING AND DISPOSAL OF THE UNSUITABLE MATERIAL WILL NOT BE MEASURED AND PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE ITEM OF POROUS GRANULAR EMBANKMENT AS REQUIRED BY THE ENGINEER.

### BITUMINOUS CONCRETE PAVEMENTS:

FOR DESIGN AND QUANTITY ESTIMATION PURPOSES, THESE PLANS HAVE BEEN DEVELOPED USING 112.0 POUNDS PER SQUARE YARD PER INCH THICKNESS OF BITUMINOUS CONCRETE SURFACE PAVEMENTS. THE ENGINEER WILL CALCULATE AN ADJUSTED PLAN QUANTITY ONCE THE PROJECT IS UNDER CONTRACT AND A MIX DESIGN IS DEVELOPED AND APPROVED.

### CLEAN-UP AND DISPOSAL:

THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND ANY SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS THE WORK PROCEEDS. IF THE OWNER OR THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE.

THE CONTRACTOR SHALL CONFINE OPERATIONS WITHIN THE DEDICATED ROADWAY RIGHTS-OF-WAY. ANY DAMAGE OUTSIDE OF SAID RIGHTS-OF-WAY SHALL BE REPAIRED AT

ALL LANDSCAPING DAMAGED DURING CONSTRUCTION SHALL BE RESTORED WITH A MINIMUM OF 4" OF TOP SOIL AND SOD. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, OR SIDEWALK REPLACEMENT.

A PRE-SOD INSTALLATION INSPECTION SHALL BE HELD WITH THE ENGINEER, GENERAL CONTRACTOR, AND LANDSCAPE SUB-CONTRACTOR, APPROVAL BY THE ENGINEER WILL BE REQUIRED PRIOR TO THE INSTALLATION OF SOD.

CURB AND GUTTER REPLACEMENT:
THE MINIMUM THICKNESS OF THE PROPOSED GUTTER FLAG SHALL BE 10" UNLESS OTHERWISE STATED IN THE PLANS OR DIRECTED BY THE ENGINEER.

DISTURBED PAYEMENT AND GROUND AREAS SHALL BE RESTORED IMMEDIATELY FOLLOWING REPLACEMENT OPERATIONS, IN ALL CASES WITHIN THREE (3) WORKING DAYS FROM THE DATE THE CURB AND GUTTER WAS CAST. THE ENGINEER SHALL STOP THE CONTRACTOR FROM FURTHER REMOVAL OPERATIONS AT ANY TIME THE ENGINEER DETERMINES THE RESTORATION IS NOT BEING DONE IN A TIMELY MANNER, FAILURE TO COMPLY WITH THESE REQUIREMENTS SHALL RESULT IN THE ENFORCEMENT OF LIQUIDATED DAMAGES IN THE AMOUNT SPECIFIED IN ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS.

COUNTY TOTAL F.A.U. SECTION 2992 04-00052-00-FP DUPAGE 17 STA. TO STA. FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

CONTRACT NO.: 83788

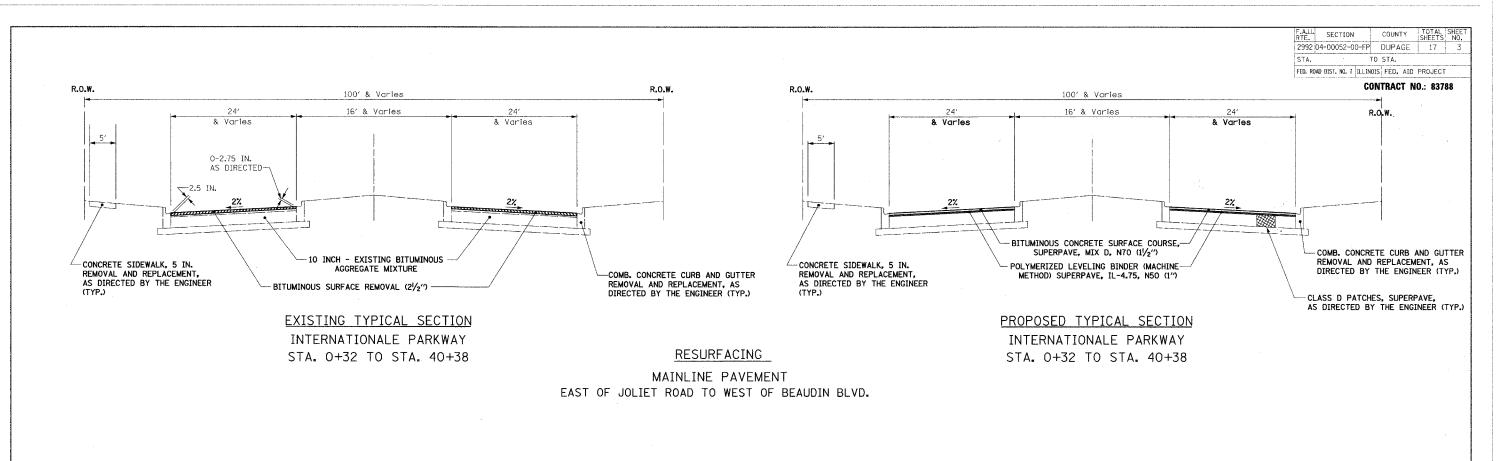
## SUMMARY OF QUANTITIES

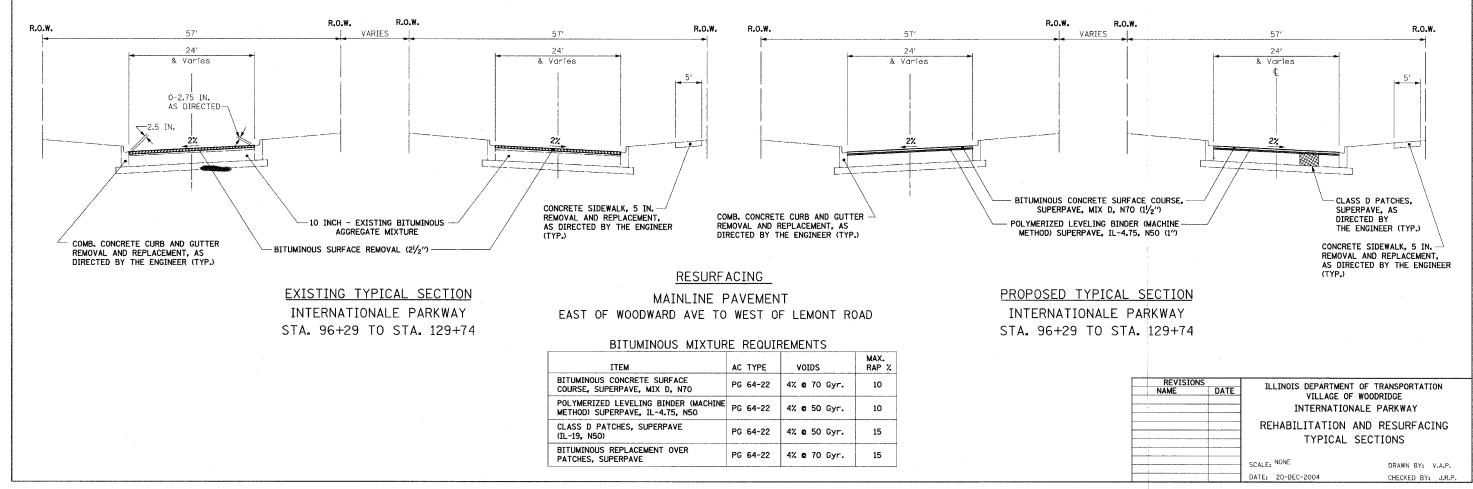
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FUNDING C
20700220	POROUS CRANULAR EMBANKMENT	CU YD		20
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON		9220
40600100	AGGREGATE (PRIME COAT)	TON	180	180
40600300	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	100	100
40600400			10	10
40602000	CONSTRUCTING TEST STRIP	EACH		
	BITUMINOUS REPLACEMENT OVER PATCHES, SUPERPAVE	TON	215	215
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2000	2000
44000008	BITUMINOUS SURFACE REMOVAL 2 1/2"	SQ YD	46073	46073
44000110	BITUMINOUS REMOVAL OVER PATCHES 2 1/2"	SQ YD	1520	1520
44000600	SIDEWALK REMOVAL	SQ FT	2000	2000
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1500	1500
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	24	24
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L. SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1550	1550
70300200	TEMPORARY PAVEMENT MARKINGS	F00T	6819	6819
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	200	200
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	348	348
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18367	18367
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1325	1325
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	549	549
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	309	309
88600100	DETECTOR LOOP, TYPE I	FOOT	480	480
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4
X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	2
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	3880	3880
X4067100	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	TON	2660	2660
XX006121	CLASS D PATCHES, SUPERPAVE, TYPE I, 11 1/2 INCH	SQ YD	380	380
	CLASS D PATCHES, SUPERPAVE, TYPE II, 11 1/2 INCH	SQ YD	380	380
XXDD6/22	CLASS D PATCHES, SUPERPAVE, TYPE III, 11 1/2 INCH	SQ YD	380	380
XXOO6123	CLASS D PATCHES, SUPERPAVE, TYPE IV, 11 1/2 INCH	SQ YD	380	380
XX <i>006124</i> Z <i>0076600</i>	TRAINEES	HOUR	500	Δ 500
Λ = Y08				

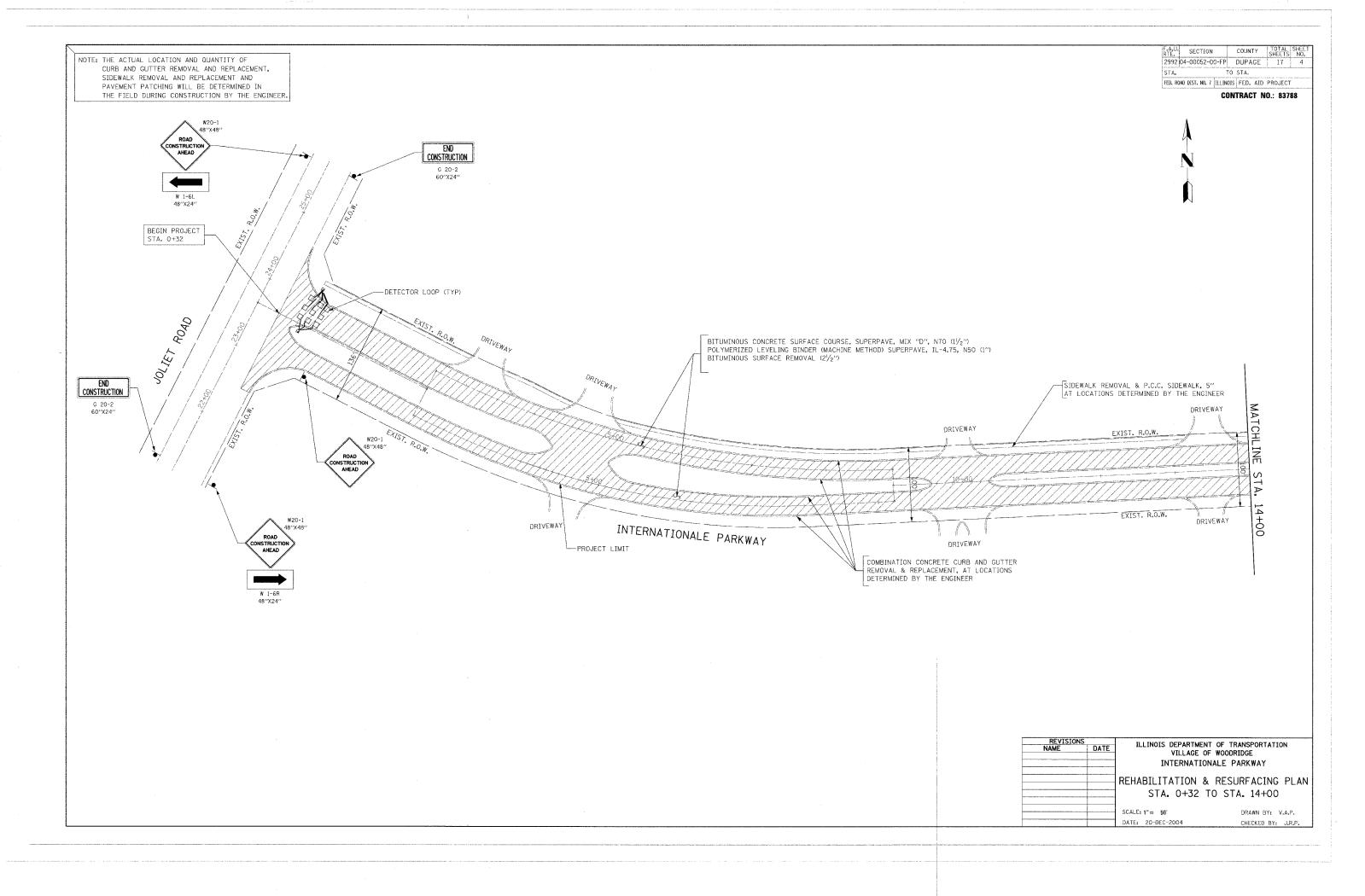
DEVICTORS

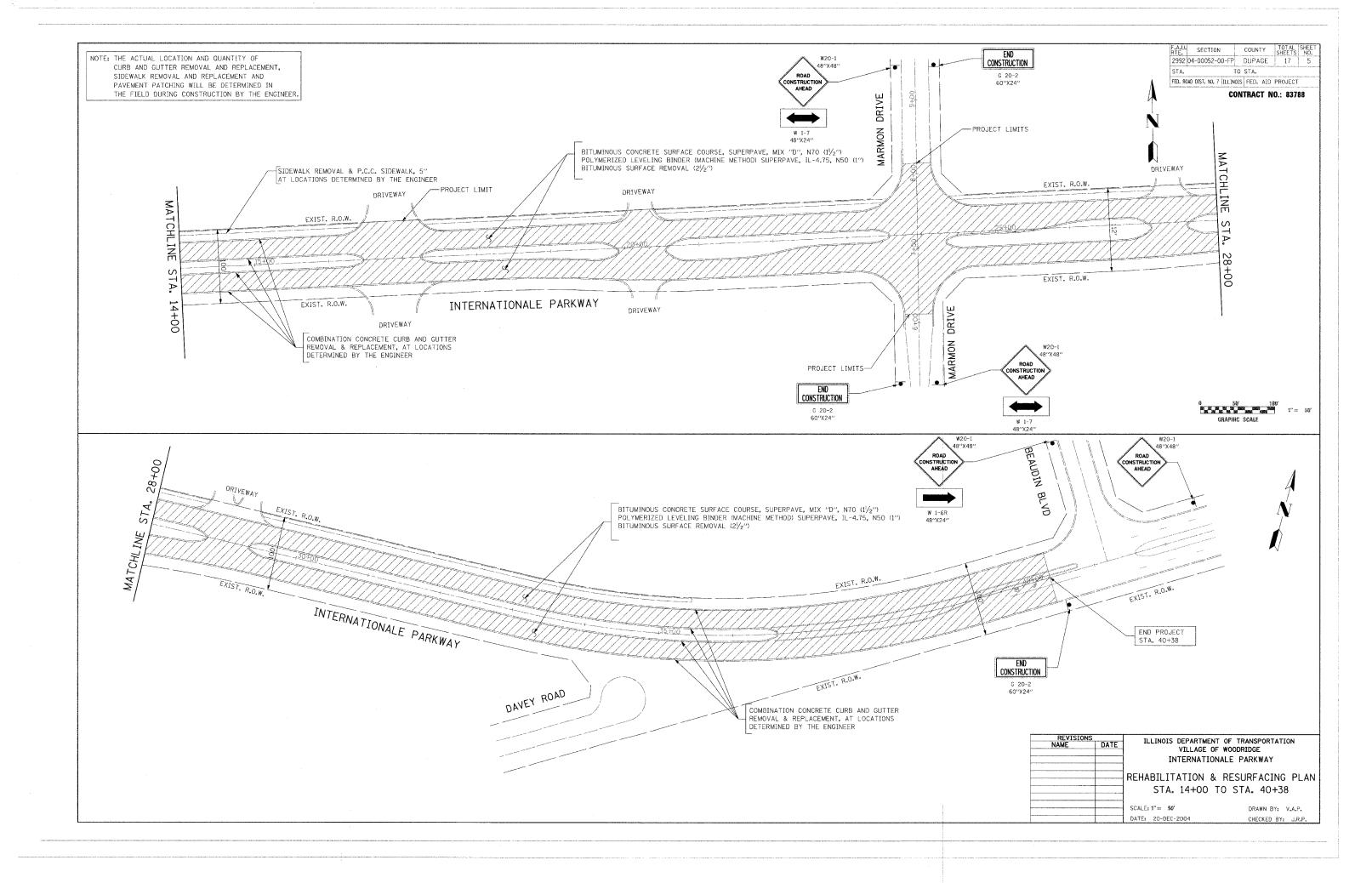
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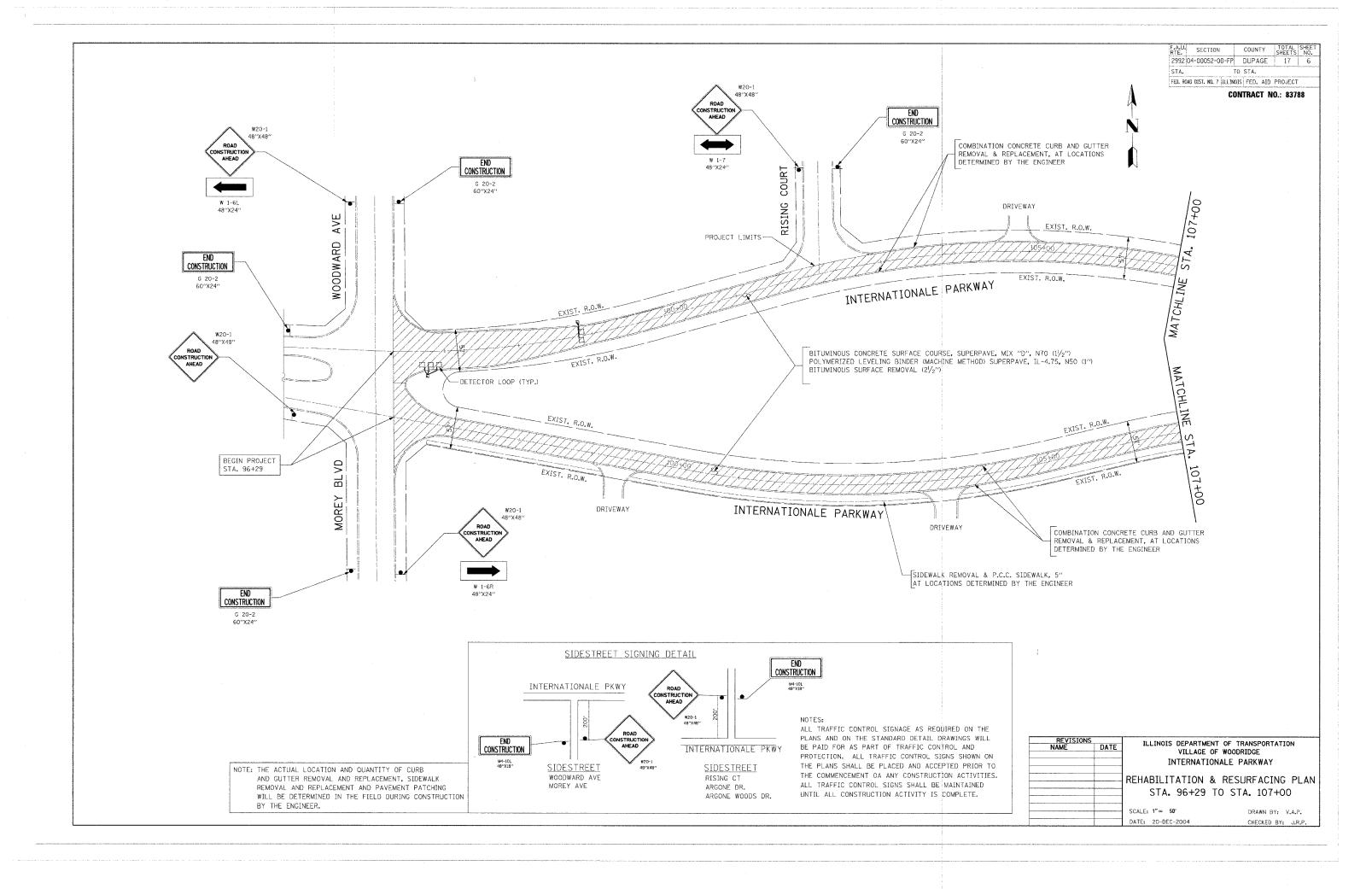
NAME DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF WOODRIDGE INTERNATIONALE PARKWAY
	REHABILITATION AND RESURFACING GENERAL NOTES, STANDARDS & SCHEDULE OF QUANTITIES
	SCALE: NONE DRAWN BY: V.A.P.  DATE: 20-DEC-2004 CHECKED BY: J.R.P.

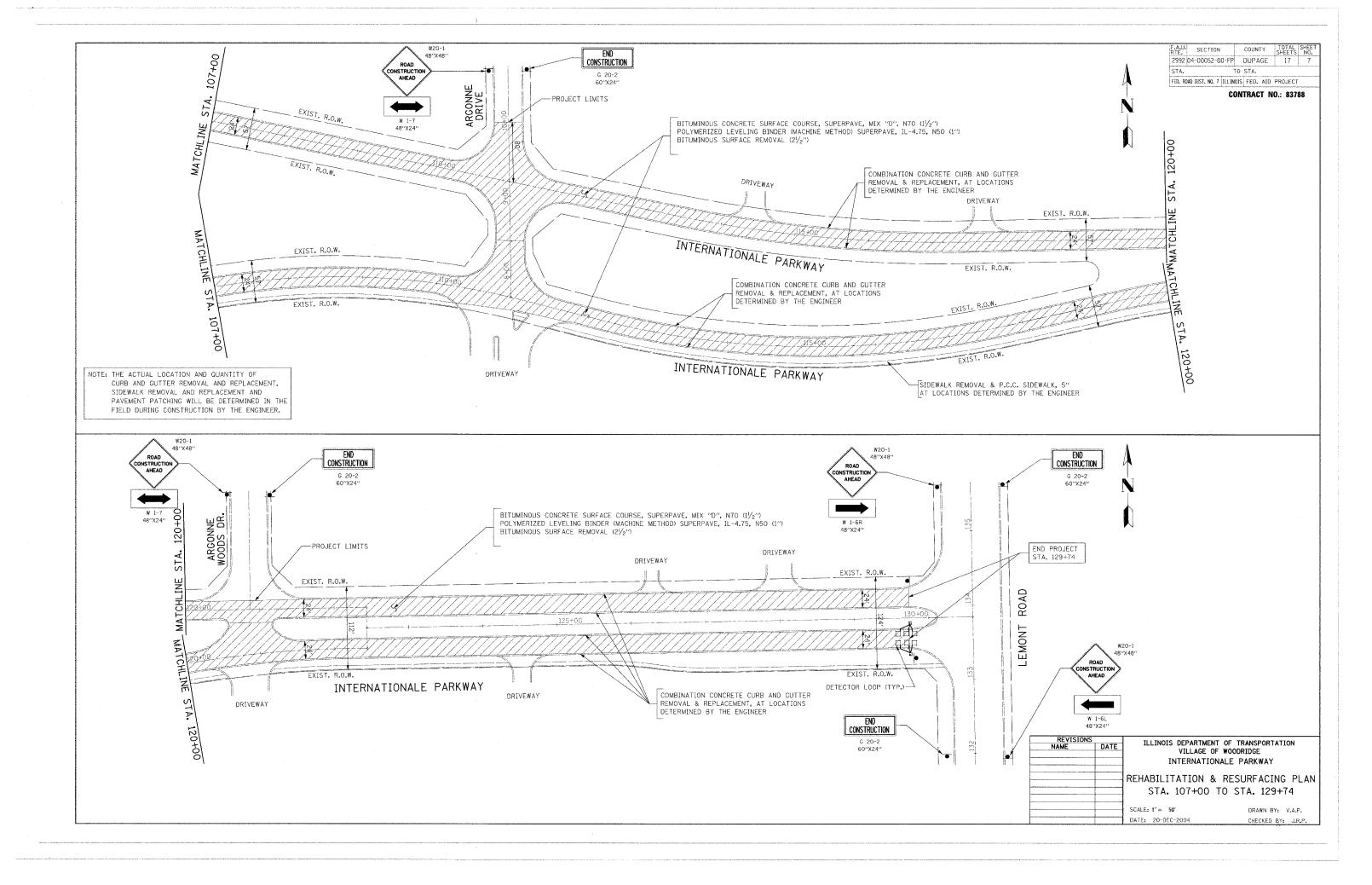


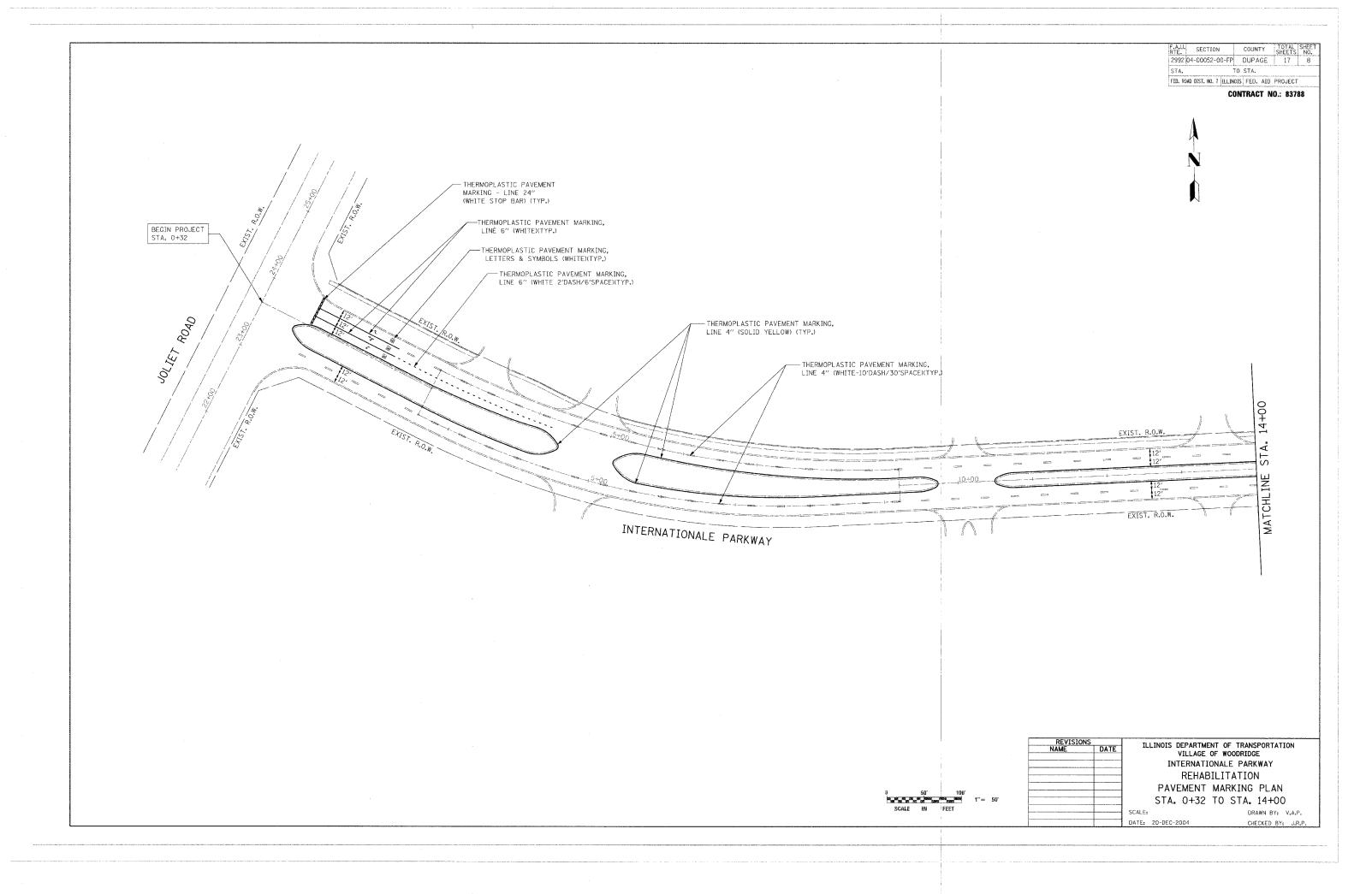


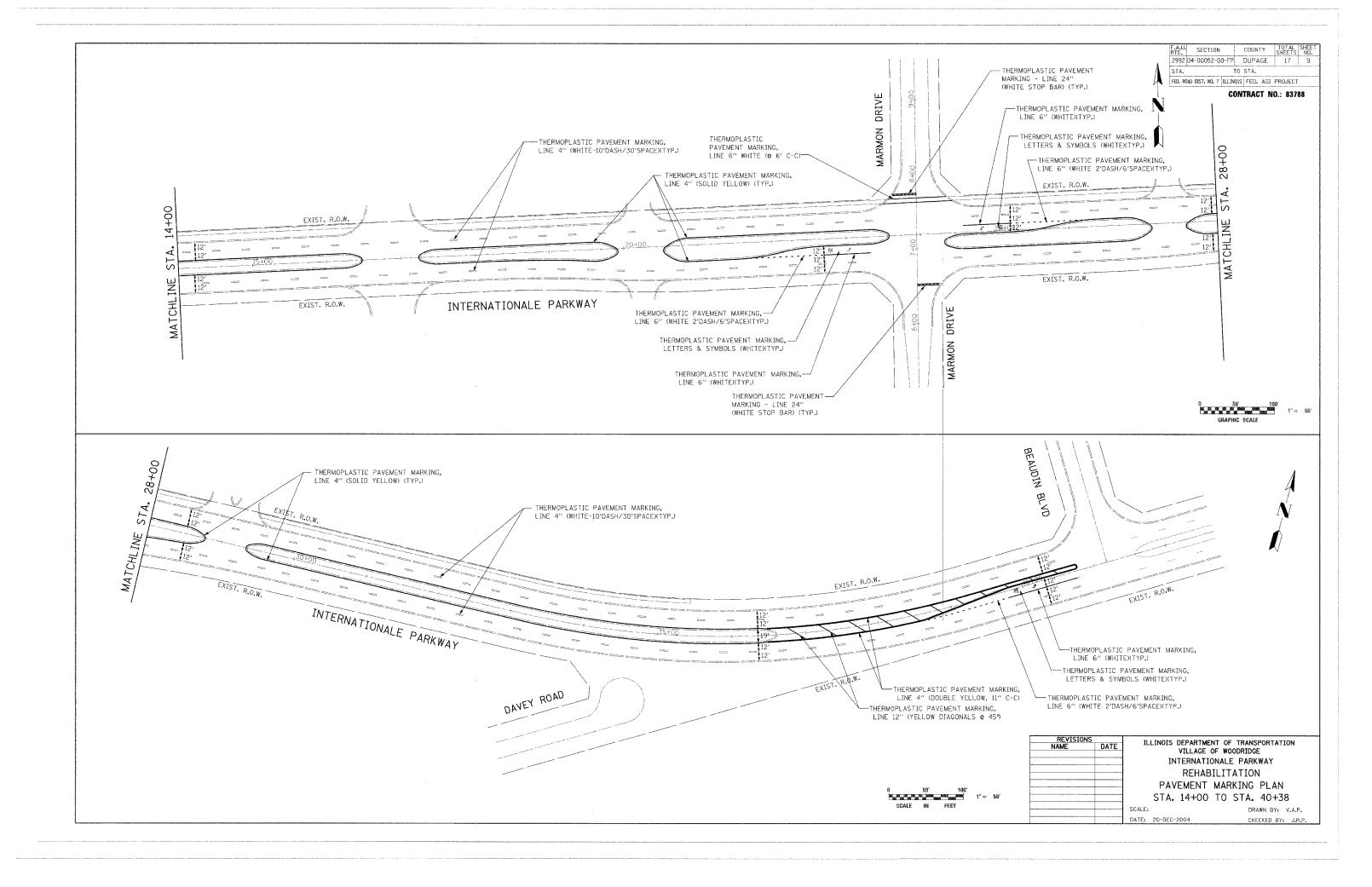


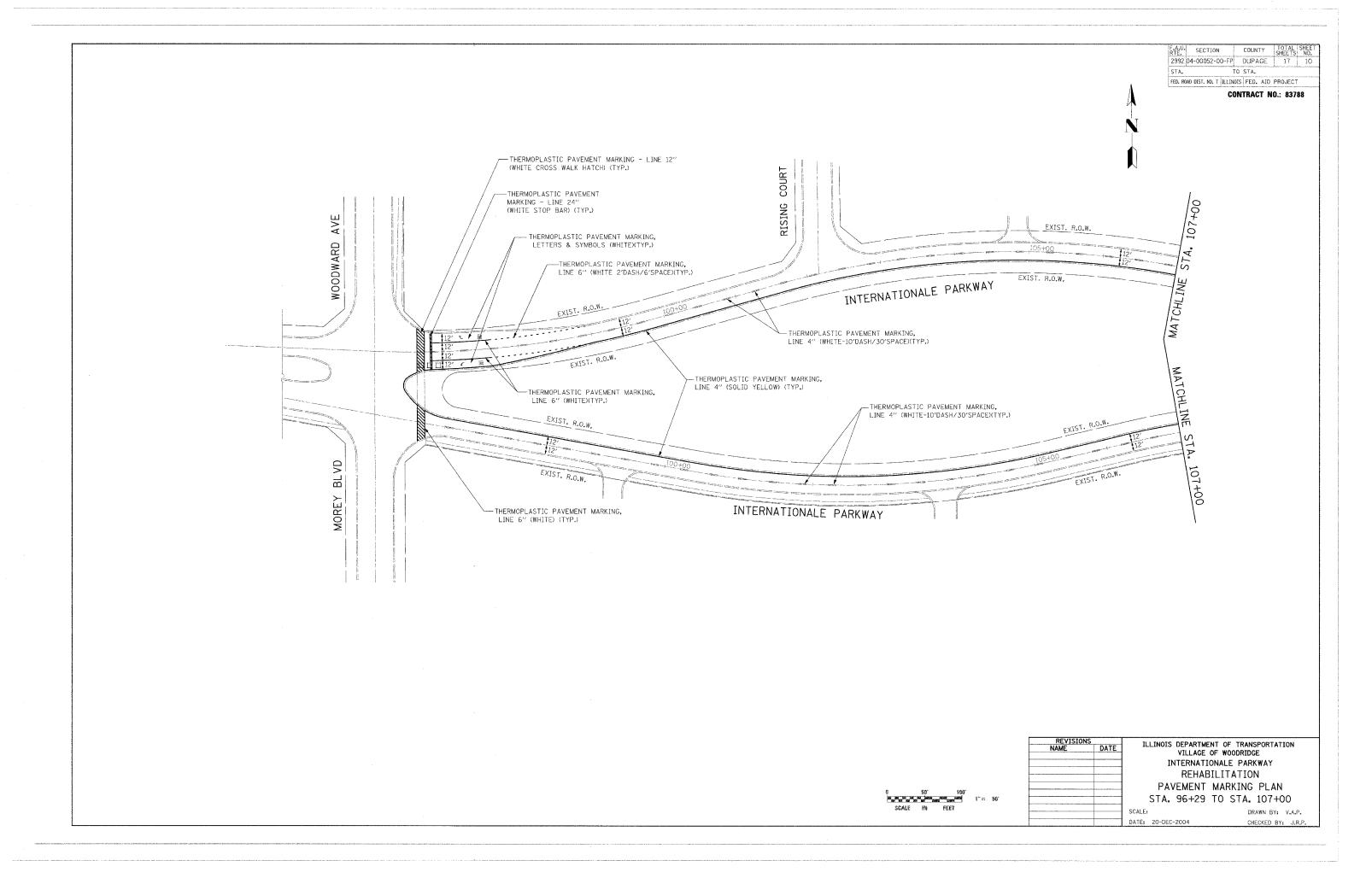


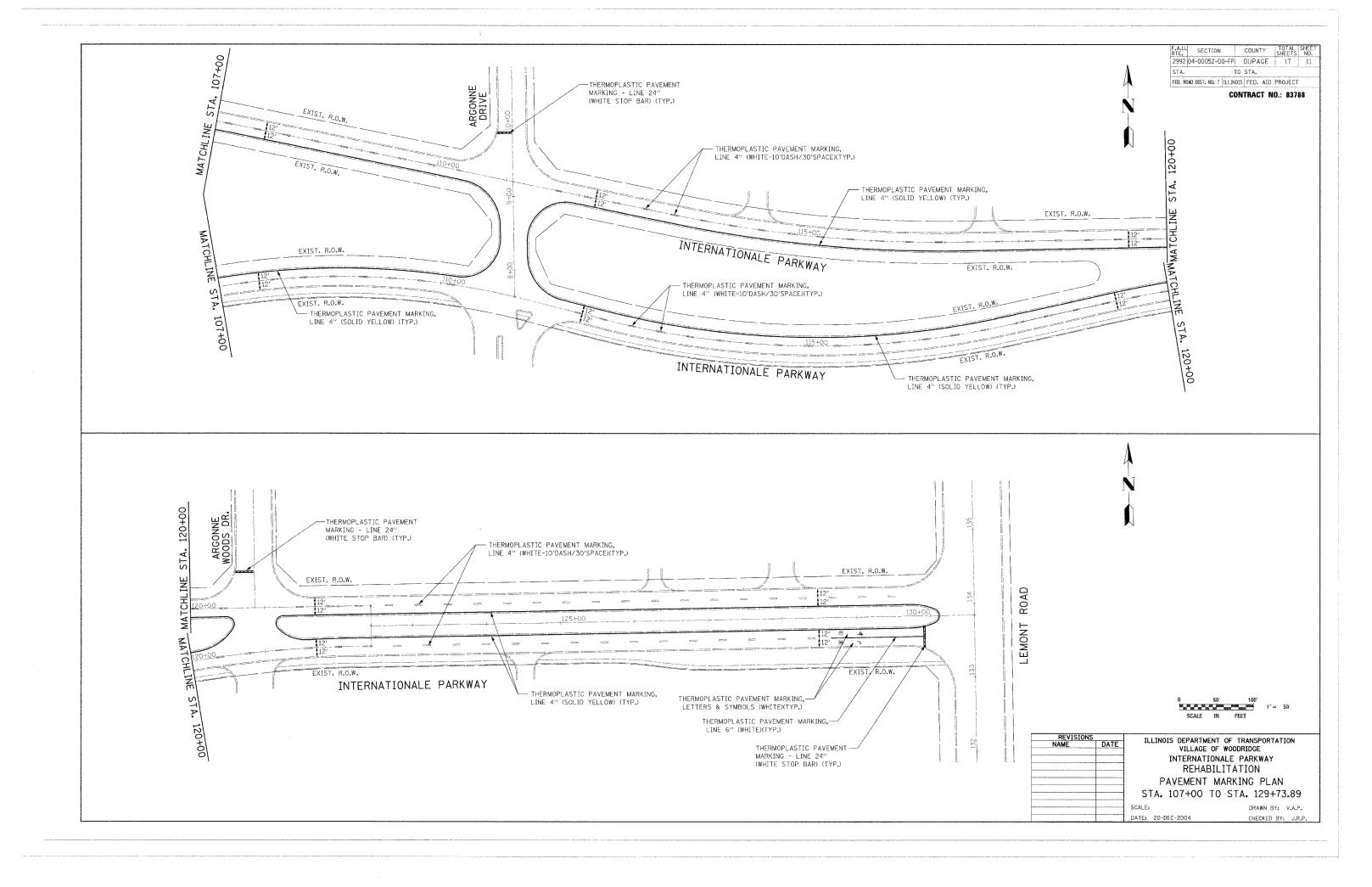


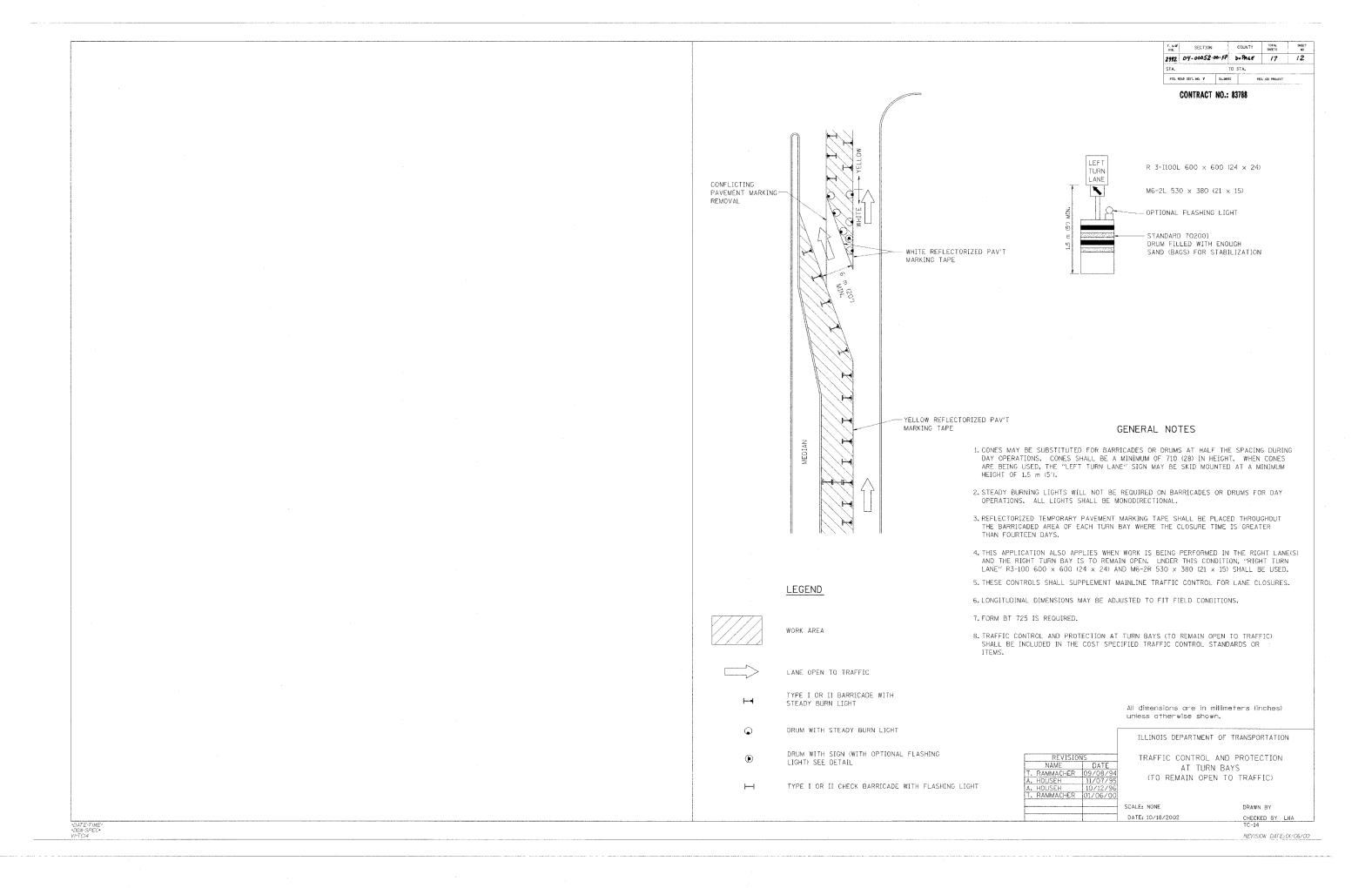






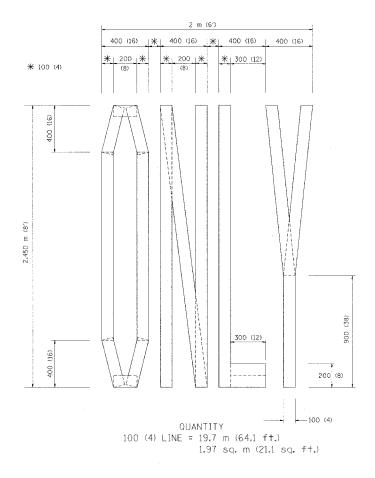


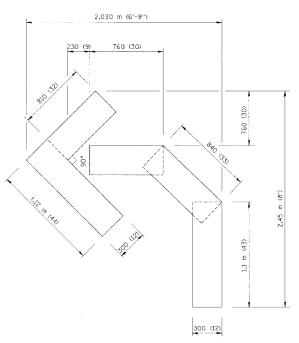




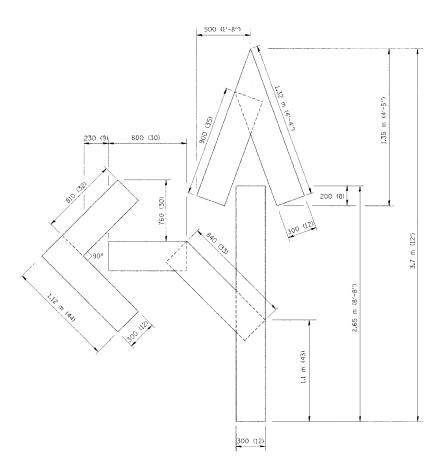
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2992 STA.	04-00052-00-	_	DUPAGE O STA.	17	13
F. A. 4 RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET

CONTRACT NO.: 83788





QUANTITY 100 (4) LINE = 13.9 m (45.5 ft.) 1.39 sq. m (15.2 sq. ft.)



QUANTITY 100 (4) LINE = 25.3 m (82.5 ft.) 2.53 sq. m (27.5 sq. ft.)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIO	NS
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E GOMEZ	08/28/00

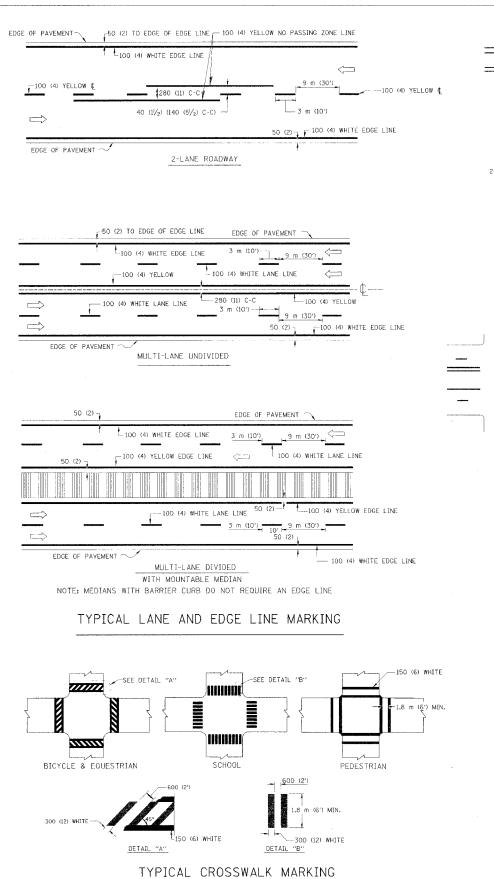
		VS	REVISION
		DATE	NAME
FE		09/18/94	RAMMACHER
+(		06/01/96	DBERLE
		06/05/96	RAMMACHER
		11/04/97	RAMMACHER
	CO. I. E	03/02/98	RAMMACHER

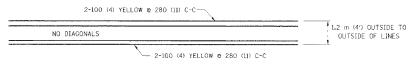
PAVEMENT MARKING ETTERS AND SYMBOLS FOR TRAFFIC STAGING

SCALE: NONE 08/28/00 DATE 10/18/2002

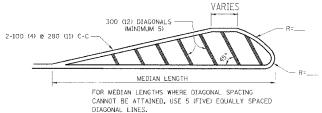
DRAWN BY CADD CHECKED BY TC-16

REVISION DATE: 08/28/00



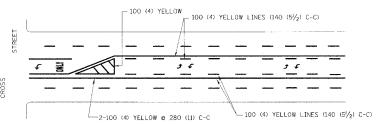


### 1.2 m (4') WIDE MEDIANS ONLY



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) T0 70 km/h (45 MPH)) 45 m (150') C-C (MORE THAN 70 km/h (45 MPH))

### MEDIANS OVER 1.2 m (4') WIDE

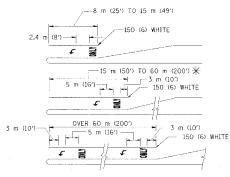


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

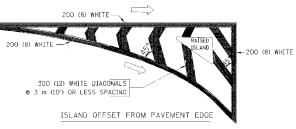
## TYPICAL PAINTED MEDIAN MARKING



\* 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".

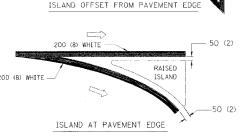
TYPICAL LEFT (OR RIGHT) TURN LANE

# TYPICAL TURN LANE MARKING



F. A.U RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET
2992	04-00052-	0.FP	DUPAGE	17	14
STA.		Т	O STA.		
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CONTRACT NO.: 83788



# TYPICAL ISLAND MARKING

			,	T
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10") LINE WITH 9 m (30") SPACE
CENTERLINE ON MULTI-LANE UNDIVEDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (51/2) 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	WHITE WHITE	3 m (10') LINE WITH 9 m (30') 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)	SOLID	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 (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	3 m (10') 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 TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EDUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS	SOLID	YELLOW: TWO WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE
	© 45° NO DIAGONALS USED FOR 1.2 m (4') 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)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R":0.33m2 (3.6 SQ. FT.) EACH "X"=5.0 m2 (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) ⊚ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	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 (OVER 70 km/h (45 MPH))

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

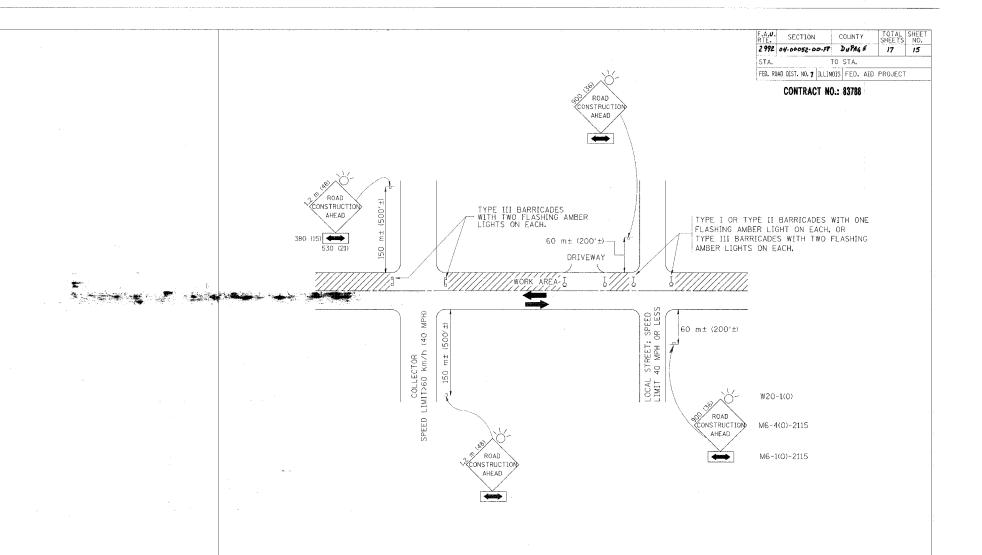
| DISTRICT ONE | DISTRICT ONE | O3-19-90 | TYPICAL PAVEMENT | O-27-94 | MARKINGS | O-27-96 | O-2

SCALE: NONE
DATE 10/18/2

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TC-13

REVISION DATE: 01/06/00



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

# NOTES:

- 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:
- of the Main Route.
- 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 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m  $\times$  1.2 m (48 $\times$ 48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
- 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 (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- 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.

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T. RAMMACHER	01/06/00	DD1	VEWAYS
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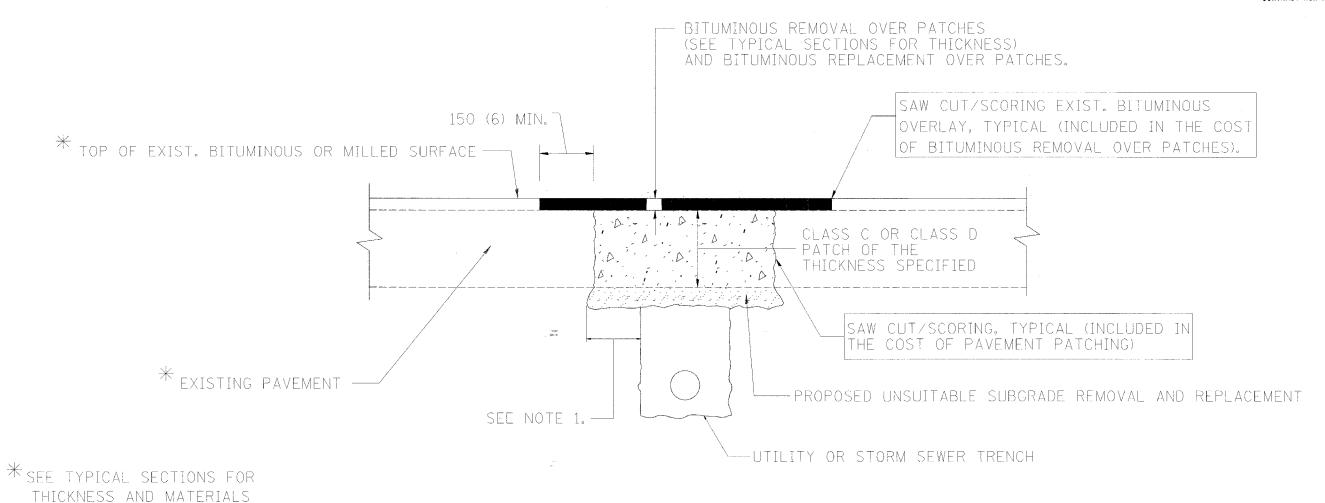
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REVISION DATE: 01/06/00

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2992 04-00052-00-FP DUPAGE 17 FED. AND PROJECT

CONTRACT NO.: 83788



## NOTES:

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- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
- 2, FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE SPECIAL PROVISION "PATCHING WITH BITUMINOUS OVERLAY REMOVAL".

# SEQUENCE OF CONSTRUCTION

- 1. REMOVE THE EXISTING BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE FULL DEPTH PATCHES
- 3. REPLACE BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR BITUMINOUS SURFACED **PAVEMENT** 

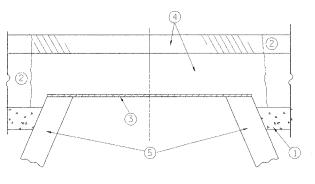
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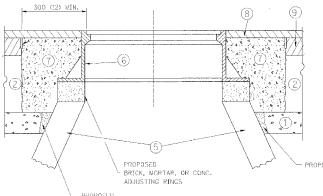
SCALE: NONE

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### CONTRACT NO.: 83788





### NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ROBINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

SAND FILL

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELSYNTION OF THE MILLED PAVEMENT SUPFACE PRIOR TO THE MILLING OPERATION, THE FRAME WILL NOT BE REMOVED AND COVERED BY THE MEYAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED.
THE LOW-RING AND RAISING OF THE FRAMES AND LIDS WILL
NOT BE PADD FOR SPRARTETY BUT WILL BE INCLUDED IN THE
COST OF THE CORRESPONDING PAY THEM.

### CONSTRUCTION PROCEDURES

### STAGE | (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 300 (12) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COYER THE STRUCTURE OPENING WITH A 900 (36) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 40 (11/2) THICK BITUMINOUS MATERIAL APPROVED BY THE ENGINEER.

### STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE BITUMINOUS MATERIAL AND CRUSHED STONE.
- BI INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL TO THE FLEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABL PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

### LEGEND

- SUB-BASE GRANUEAR MATERIAL
- 2 EXISTING PAVEMENT
- 3 900 (36) DIAMETER METAL PLATE
- PROPOSED CRUSHED STONE
  BITUMINGUS MATERIAL
- 5 EXISTING STRUCTURE
- (6) FRAME AND LID (SEE NOTES)
- CLASS ST CONCRETE, BITHMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL
- 8 PROPOSED BITUMINOUS CONCRETE SURFACE COURSE
- 9) PROPOSED BITJMENOUS CONCRETE.
  BINDER COURSE

### LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURNED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLING OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: FRAMES AND LIDS TO BE ADJUSTED, SPECIAL EACH

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

# DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS
OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE

DRAWN BY CHECKED BY

BD600-03 (BD-8)

REVISION DATE: 05/17/04

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