

GENERAL CONSTRUCTION NOTES PAVING AND STORM SEWERS

SPECIFICATIONS

THE LATEST EDITIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY GOVERN OTHER WORK ON THIS PROJECT AS INDICATED BY REFERENCE.

CARE IN EXCAVATION

CARE SHALL BE EXERCISED BY THE CONTRACTOR IN CARRYING OUT EARTH AND/OR TRENCHING OPERATIONS SO THAT LOCAL SERVICES, WATER VALVES, MANHOLES, CATCH BASINS, INLETS, BUFFALO BOXES, AND OTHER STRUCTURES ARE NOT DAMAGED OR REMOVED. ANY DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NOTIFICATION OF PUBLIC UTILITIES

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OFFICIALS OF THE PUBLIC WORKS DEPARTMENT OF THE LOCAL MUNICIPALITY, J.U.L.I.E. AT 1-800-892-0123, AND OTHER PUBLIC AND PRIVATE UTILITIES SO THAT ARRANGEMENTS CAN BE MADE TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AS WELL AS TO PROVIDE ADEQUATE PROTECTION AND INSPECTION THERETO. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.

BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCT-ION". ADEQUATE LIGHTING SHALL BE MAINTAINED FROM DUSK TO DAWN AT ALL LOCATIONS WHERE CONSTRUCTION OPERATIONS WARRANT, OR AS DESIGNATED BY

EXCAVATED MATERIALS

THE WASTE OBTAINED FROM EARTH OR TRENCH EXCAVATION INCLUDED UNDER THIS CONTRACT SHALL NOT BE DISPOSED OF BY THE CONTRACTOR UNTIL PERMISSION IS RECEIVED FROM THE OWNER SINCE THEY MAY REQUIRE THE CONTRACTOR TO DISPOSE OF THIS MATERIAL AT LOCATIONS AS DESIGNATED. THE CONTRACT UNIT PRICE BIDS FOR EARTH EXCAVATION SHALL INCLUDE DISPOSAL OF WASTE MATERIALS AS MAY OR MAY NOT BE DESIGNATED. ABOVE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THEREFORE, AS A PROVISION OF THIS CONTRACT, THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SURPLUS TRENCH SPOIL MATERIALS OFF THE SITE AS WORK PROGRESSES. THE TEMPORARY STOCKPILLING OF THIS MATERIAL ON THE PROJECT SITE WILL NOT BE ALLOWED.

PROTECTION OF SIGNS AND PROPERTY

ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLES 107.20 AND 107.21 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

SPECIAL ATTENTION IS DRAWN TO ARTICLE 105.06 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WHICH REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVING CONTROL OF ALL THE WORK AS THE AGENT OF THE GENERAL CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.

SAWING EXISTING IMPROVEMENTS

ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT THE PROPOSED IMPROVEMENT AND MUST BE REMOVED, SHALL BE SAWED AS DIRECTED PRIOR TO REMOVAL, ALL ITEMS SO REMOVED SHALL BE REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR BETTER. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR THE REMOVAL OF EACH ITEM, AND REPLACEMENT WILL BE PAID FOR UNDER THE RESPECTIVE ITEMS IN THE CONTRACT UNLESS OTHERWISE INDICATED, SAW CUTTING FOR PATCHES WILL BE INCIDENTAL TO THE PATCHING ITEM.

CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WOODEN STAKES OR OTHER LAYOUT MATERIALS FOR LAYOUT OF THE LINES AND GRADES OF THE PROJECT. FAILURE TO PROVIDE STAKES IN A TIMELY MANNER WILL RESULT IN A DELAY IN STAKEOUT WHICH WILL BE APPLICABLE AGAINST THE TIME LIMIT FOR COMPLETION SHOWN IN THE PROJECT SPECIFICATIONS, LINE AND GRADE WILL BE ESTABLISHED BY THE ENGINEER AT REGULAR INTERVALS ON PERMANENTLY PAVED SURFACES, SIDEWALKS OR STAKES AT THE ENGINEER'S OPTION, ALL WITHIN THE PUBLIC RIGHT—OF—WAY AND SHALL BE TRANSFERRED BY THE CONTRACTOR TO THE ACTUAL LINE OF CONSTRUCTION

PROJECT SAFETY

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED- ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 40 MM (1-1/2 INCHES WHERE THE SPEED LIMIT IS 80 KM/H (45 MPH) OR LESS AND 25 MM (1 INCH) WHERE THE SPEED LIMIT IS GREATER THAN 80 KM/H (45 MPH). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 75 MM (3 INCHES) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

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.

THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS, OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE DOCUMENTS AND SPECIFICATIONS.

ALL ITEMS ASSOCIATED WITH CURB AND GUTTER, DRIVEWAYS AND PATCHING WILL NOT EXCEED THE QUANTITIES LISTED IN THE SUMMARY OF QUANTITIES.

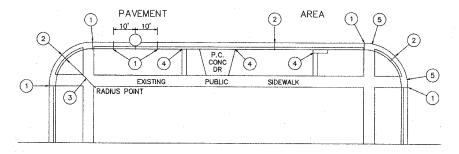
SUMMARY OF QUANTITIES

	FAU RTE	SEC	TION	COUNTY	SHEETS	NO.	
	(75TH ST)1691	05 0004					
	(751H S1)1691 (RIVER RD)1692	05-00012	1-00-K2	COOK	18	2	
1	F.H.W.A. R			PROJECT	M-800	3(570)	

CONTRACT NO. 83868

Code			Total		
No	Description	Unit	Quantity	75th Street	River Road
			1000		
20101400	Nitrogen Fertilizer Nutrient	Pound	3	1.74	1.66
20101500	Phosphorus Fertilizer Nutrient	Pound	3	1.74	1.66
20101600	Potassium Fertilizer Nutrient	Pound	3	1.74	1.66
20200100	Earth Excavation	CU YD	27	14	13
21101615	Topsoil Furnish and Place, 4"	SQ YD	235	120	115
25200110	Sodding, Salt Tolerant	SQ YD	235	120	115
25200200	Supplemental Watering	UNIT	10	5	5
40600200	Bituminous Materials (Prime Coat)	TON	18	8	10
40600300	Aggregate (Prime Coat)	TON	42	19	23
42300400	Portland Cement Concrete Driveway Pavement, 8"	SQ YD	126	46	80
44000200	Driveway Pavement Removal	SQ YD	298	151	147
44201749	Class D Patching, Type I, 9"	SQ YD	5	5	PRODUCES AND ARREST AND ADDRESS OF THE PROPERTY AND ARREST ARREST AND ARREST AND ARREST ARREST AND ARREST ARREST AND ARREST A
44201753	Class D Patching, Type II, 9"	SQ YD	34	22	12
4420 1757	Class D Patching, Type IV, 9"	SQ YD	483	100	
60250200	Catch Basins to be Adjusted	EACH	8	8	**************
60255600	Manhole to be Adjusted, (Special)	EACH	8	0	
60260100	Inlets to be Adjusted	EACH	9	9	
60266600	Valve Boxes to be Adjusted	EACH	5	5	
67100100	Mobilization	L SUM	1	0.5	0.5
70102620	Traffic Control and Protection, Standard 701501	L SUM	1	0.5	0.5
70300100	Short-Term Pavement Marking	FOOT	955	955	L
78000100	Thermoplastic Pavement Marking-Letters & Symbols	SQFT	523	523	
78000200	Thermoplastic Pavement Marking-Line 4"	FOOT	15490	15490	0
78000400	Thermoplastic Pavement Marking-Line 6"	FOOT	1568	1568	0
78000600	Thermoplastic Pavement Marking-Line 12"	FOOT	572	572	C
78000650	Thermoplastic Pavement Marking-Line 12	FOOT	168	168	0
78001100	Paint Pavement Marking-Letters & Symbols	SQ FT	252	252	0
78001110	Paint Pavement Marking-Lene 4"	FOOT	1288	1288	0
78001110	Paint Pavement Marking-Line 4"	FOOT	1764	1764	0
78001150	Paint Pavement Marking-Line 6	FOOT		1764	0
78001180	Paint Pavement Marking-Line 12 Paint Pavement Marking-Line 24"	FOOT	28 352	The second resemble to the second second second	0
88600600	Detector Loop Replacement	- American		352	
X3550100		FOOT	389	389	0
	Bituminous Base Course, Superpave, 4"	SQ YD	172	105	67
X4066414	Bituminous Concrete Surface Course, Superpave, Mixture "C", N50	TON	2780	19	2761
X4066424	Bituminous Concrete Surface Course, Superpave, Mixture "D", N50	TON	1967	1967	0
X4066614	Bituminous Concrete Binder Course, Superpave, IL-19.0, N50	TON	2528	2528	O
X4067100	Polymerized Leveling Binder (Machine Method), Superpave, IL-4.75, N50	TON	1131	0	1131
X4409410	Bituminous Surface Removal, 2 1/4"	SQ YD	22901	0	22901
X4409423	Bituminous Surface Removal, 3 3/4"	SQ YD	18729	18729	0
XX003560	Curb and Gutter Removal and Replacement	FOOT	1151	489	662
Z0048665	Railroad Protective Liability Insurance	L SUM	1	1	C

* SPECIALTY ITEMS



- 1. EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT TEN FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE.
- 2. CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS
- 3. ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 4. LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- 5. DEPRESS CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED, FOR THE CONSTRUCTION OF RAMPED SIDEWALKS FOR ACCESS BY THE HANDICAPPED.

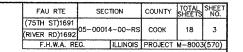
JOINT DETAILS



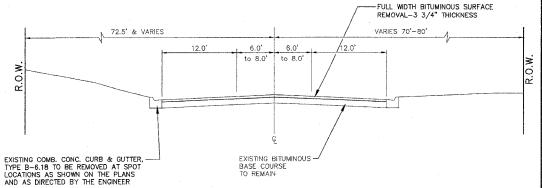
Frank Novotny & Associates, Inc.

GENER	RAL	NOTES
SUMMARY	OF	QUANTITIES

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PROJECT, NO.	SCALE	SHFFT
05084	NONE	JIILLI
DRAWN/DESIGNED	DATE	2
JEP/THK	NOV., 2005	OF
CHECKED / APPROVED	FIFLD BOOK NO	18
CHECKED/APPROVED THK/JLC	FILE	SHEETS
	1	OFFICE

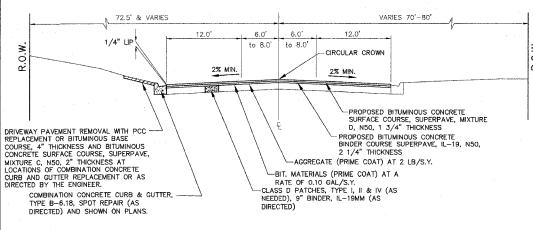


CONTRACT NO. 83868



EXISTING TYPICAL CROSS SECTION (75th STREET)

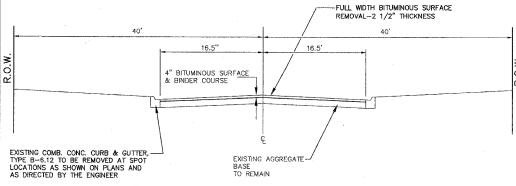
STA 10+41 TO STA 59+15
RESURFACING OMISSION 33+90 TO 37+10
RESURFACING OMISSION 46+88 TO 49+76
RESURFACING OMISSION 54+15 TO 54+45



PROPOSED TYPICAL CROSS SECTION (75th STREET)

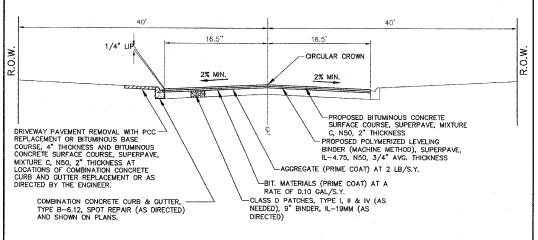
STA 10+41 TO STA 59+15
RESURFACING OMISSION 33+90 TO 37+10
RESURFACING OMISSION 46+88 TO 49+76
RESURFACING OMISSION 54+15 TO 54+45

BITUMINOUS MATERIALS (PRIME COAT) WILL BE PAID FOR BY THE TON.



EXISTING TYPICAL CROSS SECTION (RIVER ROAD)

STA 4+39 TO STA 69+26



PROPOSED TYPICAL CROSS SECTION (RIVER ROAD)

STA 4+39 TO STA 69+26

BITUMINOUS MATERIALS (PRIME COAT) WILL BE PAID FOR BY THE TON.



Frank Novotny & Associates, Inc.

VOIDS

4% @ 50 GYR

4% @ 50 GYF

4% @ 50 GYR

2.5% @ 50 GYR

PG 64-22 4% 60 70 GYR

PG 64-22 4% 6 50 GYF

PG 58-22 2% @ 50 GYF

BITUMINOUS MIXTURE REQUIREMENT

SBS/SBR

ITEM

SUPERPAVE, MIXTURE D, N50, 1 3/4" THICKNESS

BITUMINOUS CONCRETE SURFACE COURSE,

BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50, 2 1/4" THICKNESS

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 2" THICKNESS

BITUMINOUS PATCHING

CLASS D PATCHS, TYPE I, II &IV (AS NEEDED),

BITUMINOUS DRIVEWAY

BITUMINOUS CONCRETE SURFACE COURSE.

BITUMINOUS BASE COURSE, SUPERPAVE,

POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 3/4" THICKNESS

75TH STREET

RIVER ROAD

9" BINDER, IL-19MM

825 Midway Drive & Willowbrook, IL. & 60527 & Telephone: (630) 887-8640 & Fax: (630) 887-0132
Illinois Professional Design Firm No. 184-000928

LBS/SQ YD/IN RAP %

15

25

15

0

15

15

50

112

112

112

112

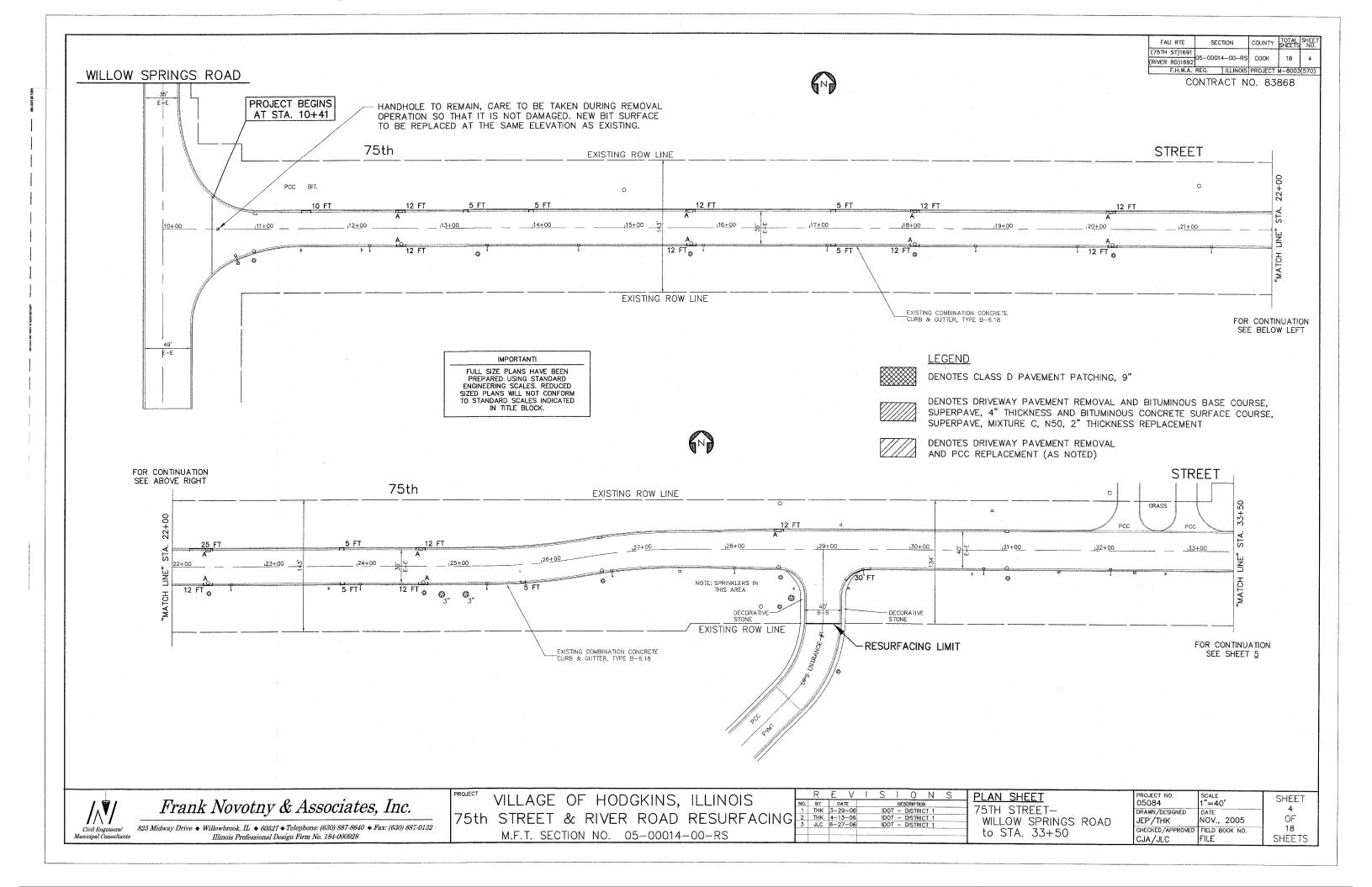
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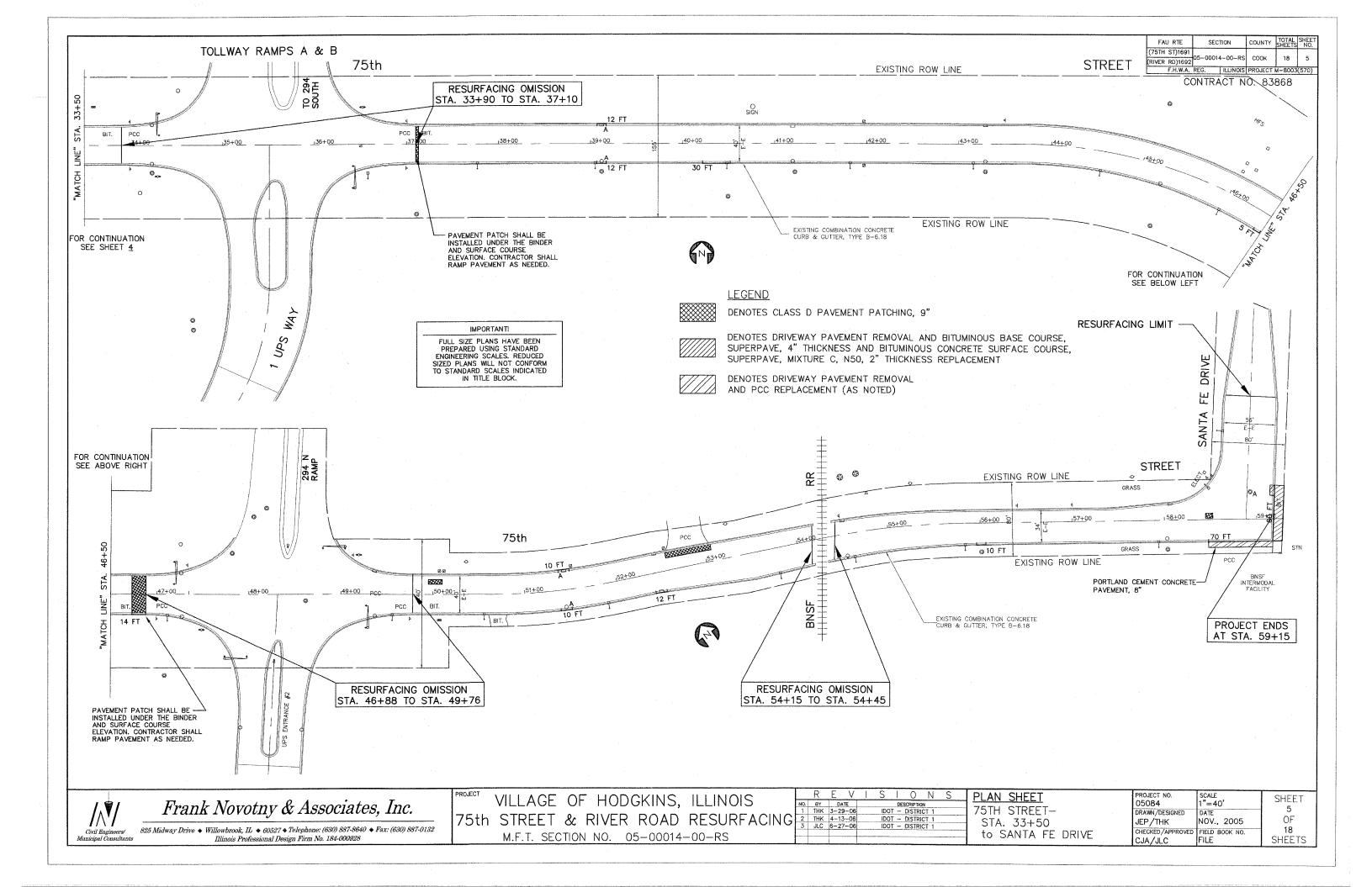
75th STREET & RIVER ROAD RESURFACING
M.F.T. SECTION NO. 05-00014-00-RS

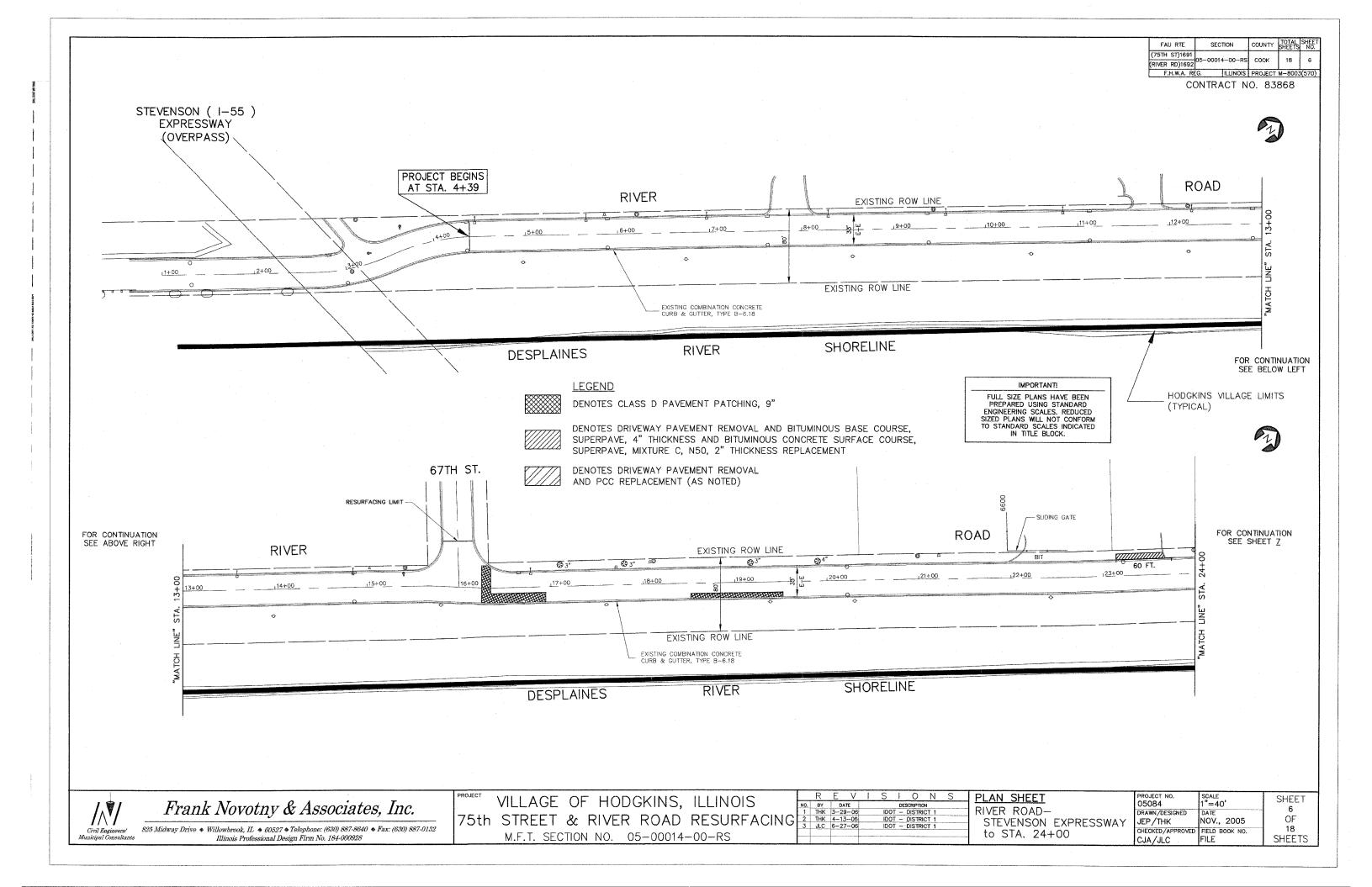
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-	2	THK	41306		IDOT -	- DISTR	ICT 1		
~	3	JLC	6-27-06		IDOT -	DISTR	CT 1		

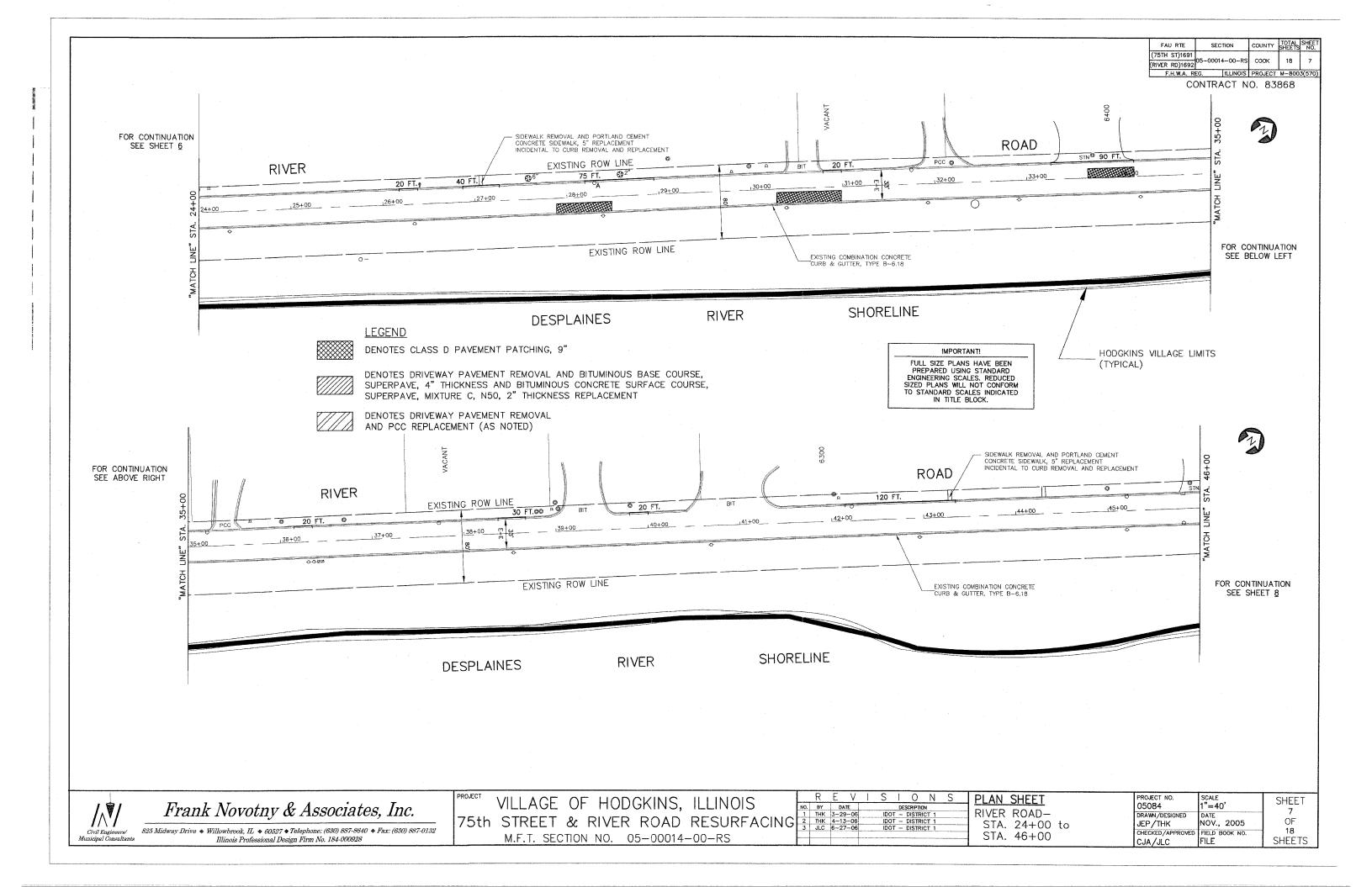
TYPICAL CROSS SECTIONS

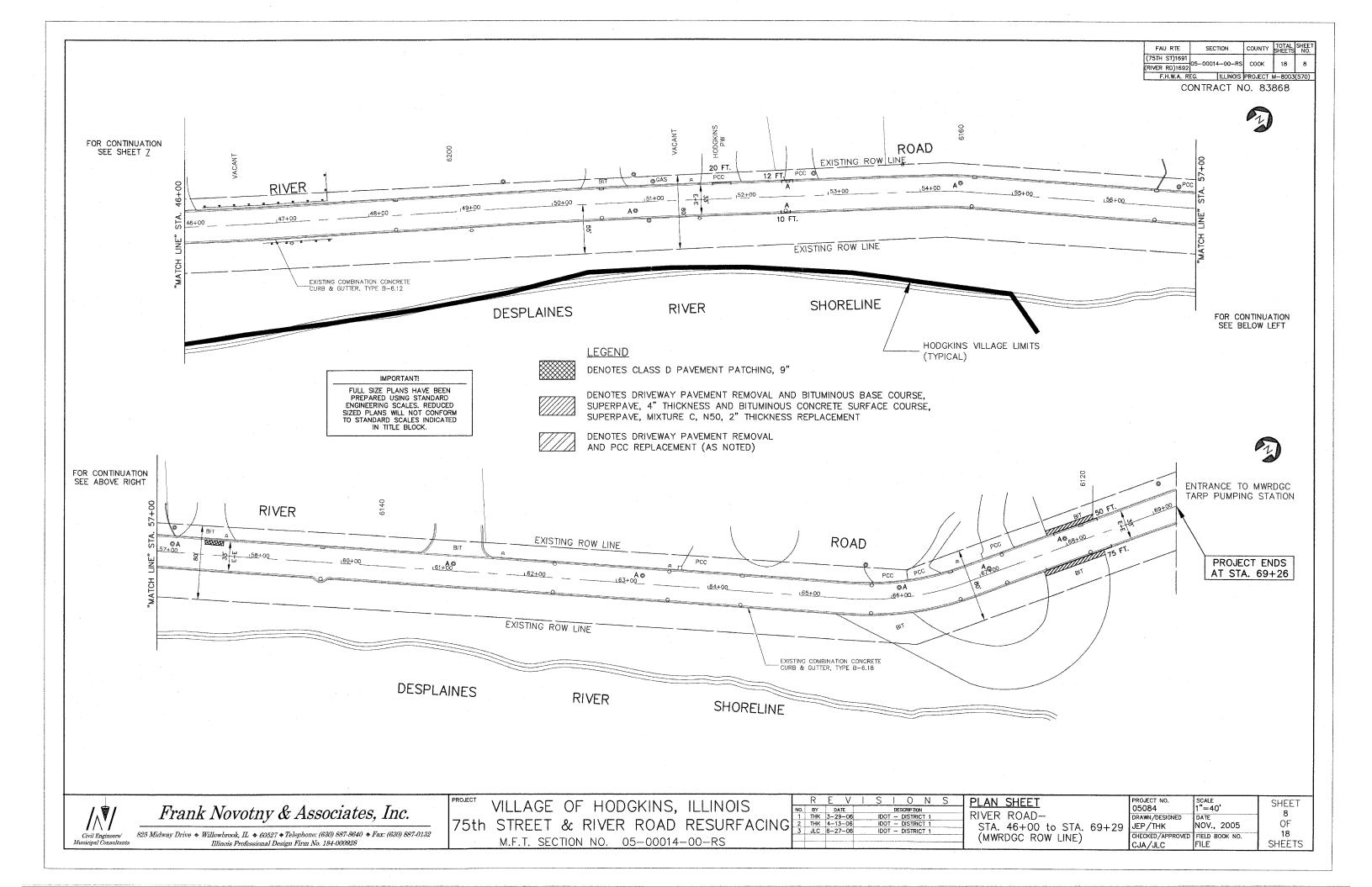
PROJECT NO. 05084	SCALE NONE	SHEET
	DATE NOV., 2005	OF
CHECKED/APPROVED THK/JLC	FIELD BOOK NO. FILE	18 SHEETS

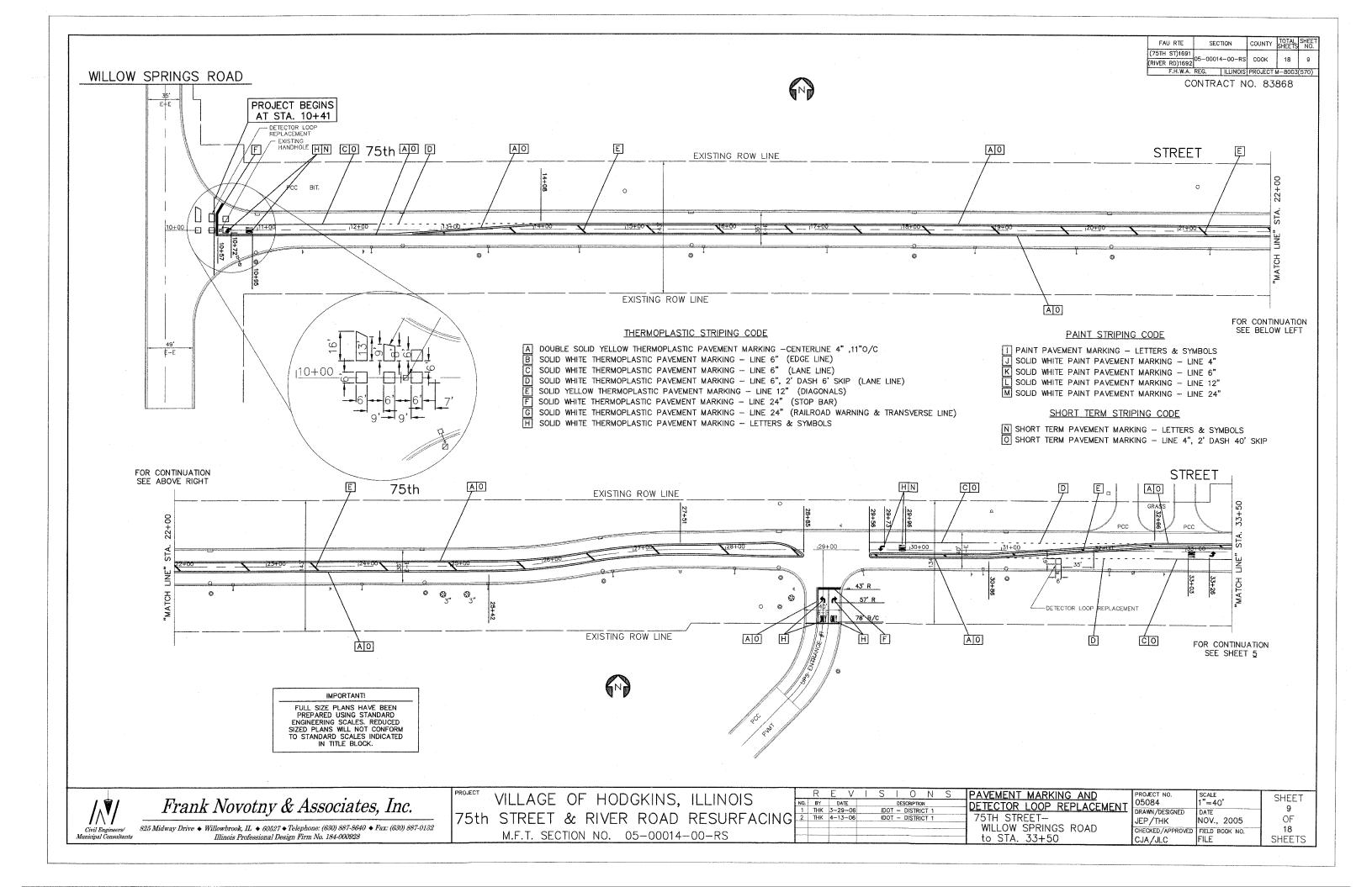


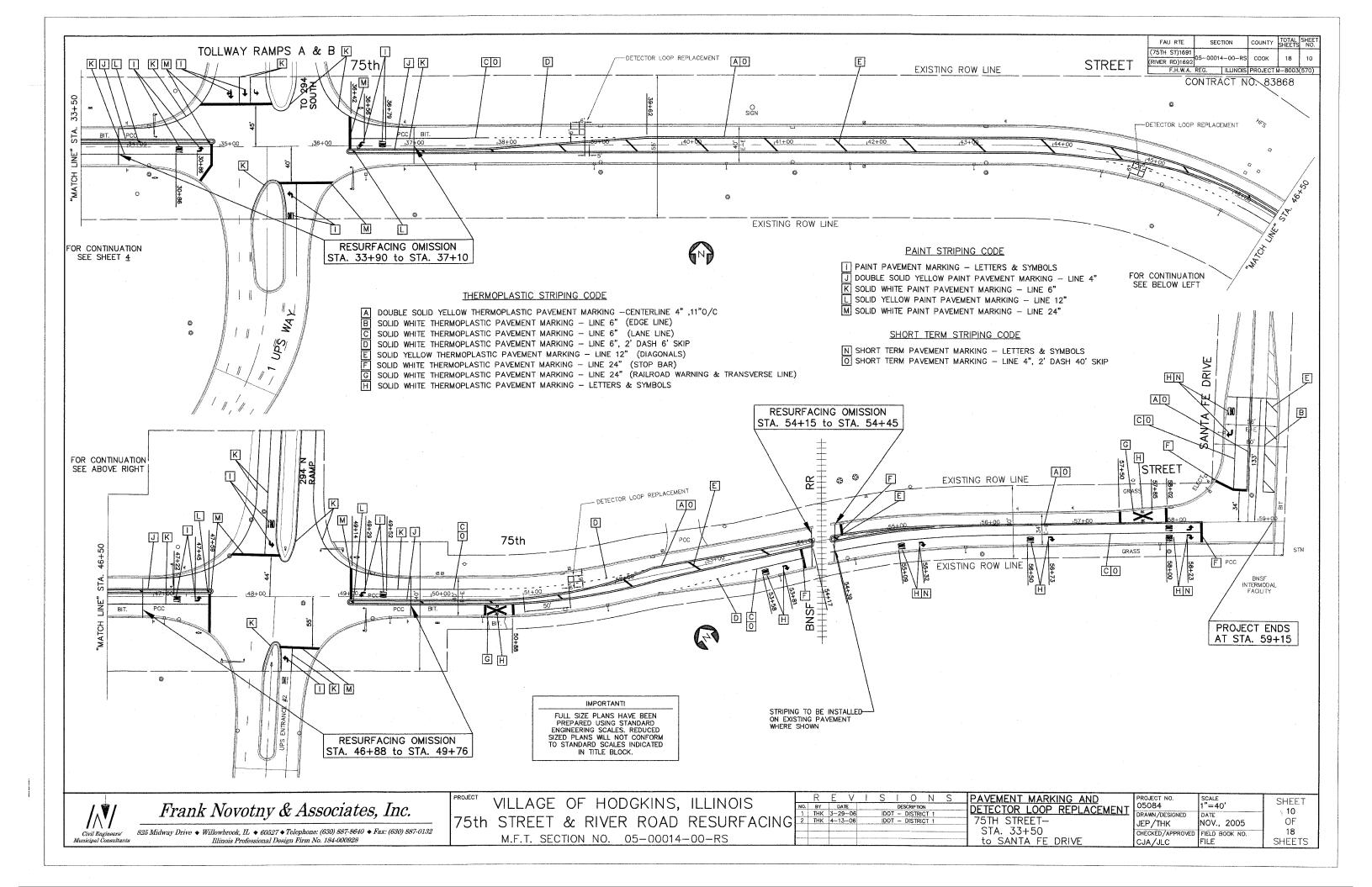


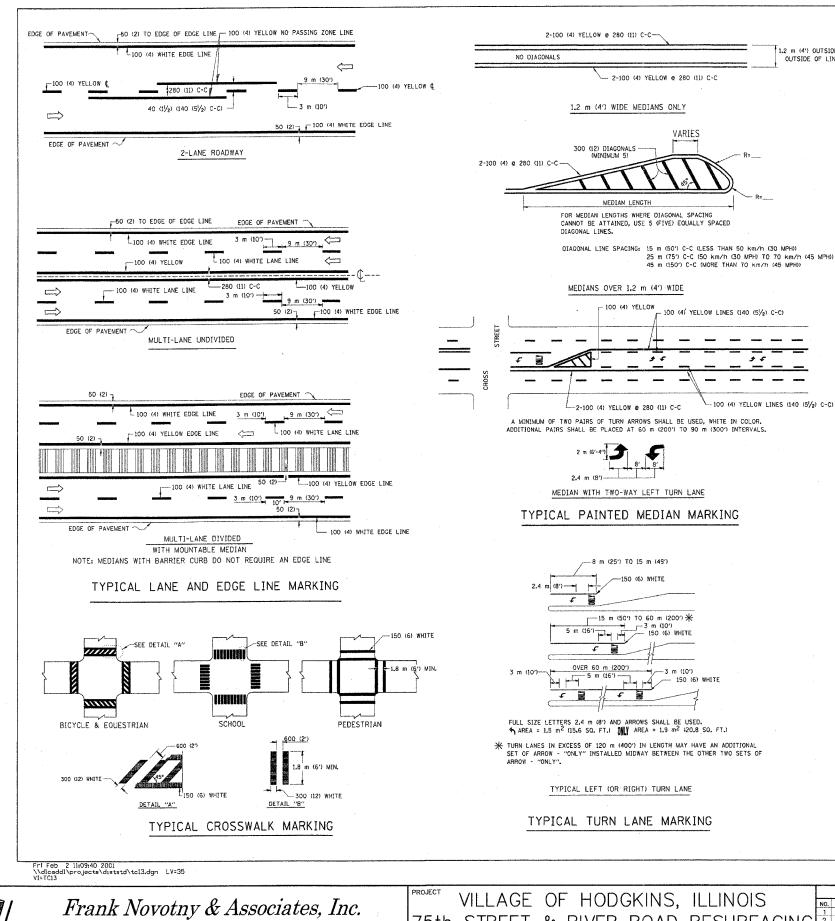


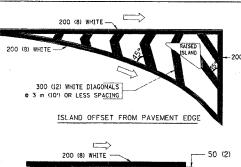












1.2 m (4') OUTSIDE TO

FAU RTE COUNTY SHEETS NO. SECTION 75TH ST)1691 18 05-00014-00-RS COOK (RIVER RD)1692 F.H.W.A. REG.

OO (8) WHITE CONTRACT NO. 83868

TYPICAL ISLAND MARKING

ISLAND AT PAVEMENT EDGE

ISLAND

	TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
OW LINES (140 (51/2) C-C)	CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10") LINE WITH 9 m (30") SPACE
AND HOLD HOLD WAR	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 c 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
100 (4) YELLOW LINES (140 (51/2) C-C)	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
, WHITE IN COLOR. m (300') INTERVALS.	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
RKING		2.4 m (8') LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
	CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 g 150 (6) 300 (12) g 45° 300 (12) g 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 (47) 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 @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE 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 (0VER 70 km/h (45 MPH))
WHITE	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 0F: "R"*-0,33m ² (3,6 SQ, FT.) EACH "X"=5.0 m ² (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 (0VER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 1997 AND STATE STANDARD 780001.

	LARGE SIZE	SMALL SIZE
THROUGH ARROW	1.07 (11.5)	0.60 (6.5)
LEFT OF RIGHT ARROW	1.47 (15.6)	0.60 (8.5)
COMBINATION LEFT (RIGHT) AND THROUGH ARROW	2.42 (26.0)	1.37 (14.7)
RAILROAD "R" 1.8m (6ft.)	0.33 (3.6)	
RAILROAD "X" 6.1m (20ft.)	5.02(54.0)	_
HANDICAPPED SYMBOL	0.43 (4.6)	

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD CHECKED BY

TC-13



825 Midway Drive & Willowbrook, IL & 60527 & Telephone: (630) 887-8640 & Fax: (630) 887-0132 Illinois Professional Design Firm No. 184-000928

VILLAGE OF HODGKINS, ILLINOIS 75th STREET & RIVER ROAD RESURFACING 2 THK 4-13-06 M.F.T. SECTION NO. 05-00014-00-RS

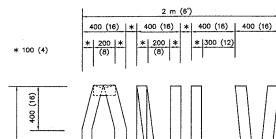
R E V I SIONS DESCRIPTION

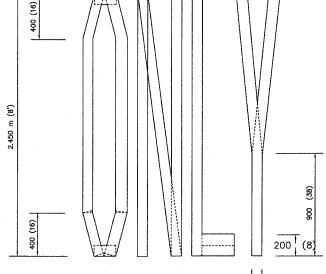
PAVEMENT MARKING **STANDARDS**

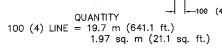
PROJECT NO. SHEET 05084 NONE 11 DRAWN/DESIGNED OF JEP/THK NOV., 2005 18 CHECKED/APPROVED FIELD BOOK NO. SHEETS THK/JLC

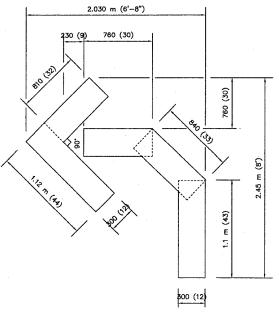


CONTRACT NO. 83868

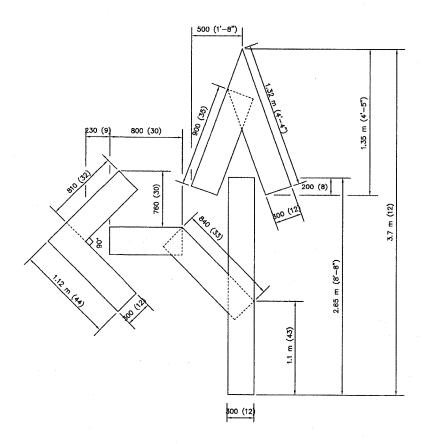








QUANTITY 100 (4) LINE = 13.9 m (45.5 ft.) 1.39 sq. m (15.2 sq. ft.)



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

SIONS TEMPORARY PAVEMENT MARKING
1ER09/18/94 LETTERS AND SYMBOLS

SCALE: NONE DATE 08/19/99

DRAWN BY CADD CHECKED BY



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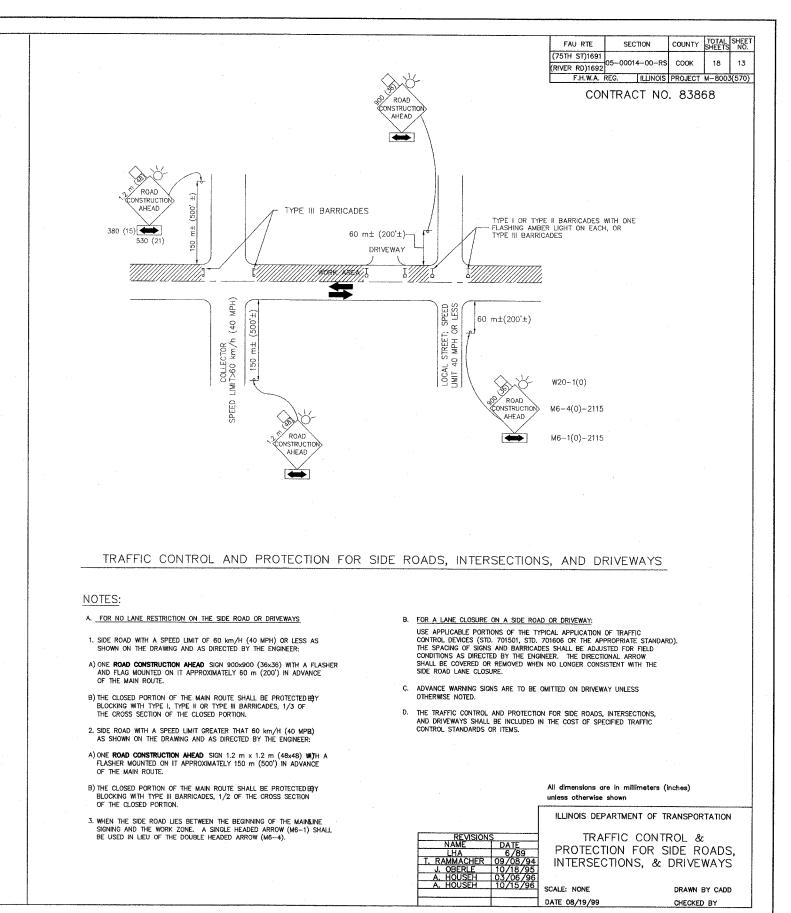
825 Midway Drive 🔷 Willowbrook, IL 💠 60527 & Telephone: (630) 887-8640 & Fax: (630) 887-0132
Illinois Professional Design Firm No. 184-000928

75th STREET & RIVER ROAD RESURFACING
M.F.T. SECTION NO. 05-00014-00-RS

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PROJECT NO. 05084	SCALE NONE	SHEET
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75th STREET & RIVER ROAD RESURFACING
M.F.T. SECTION NO. 05-00014-00-RS

TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS

ROL & PROJECT NO. 05084

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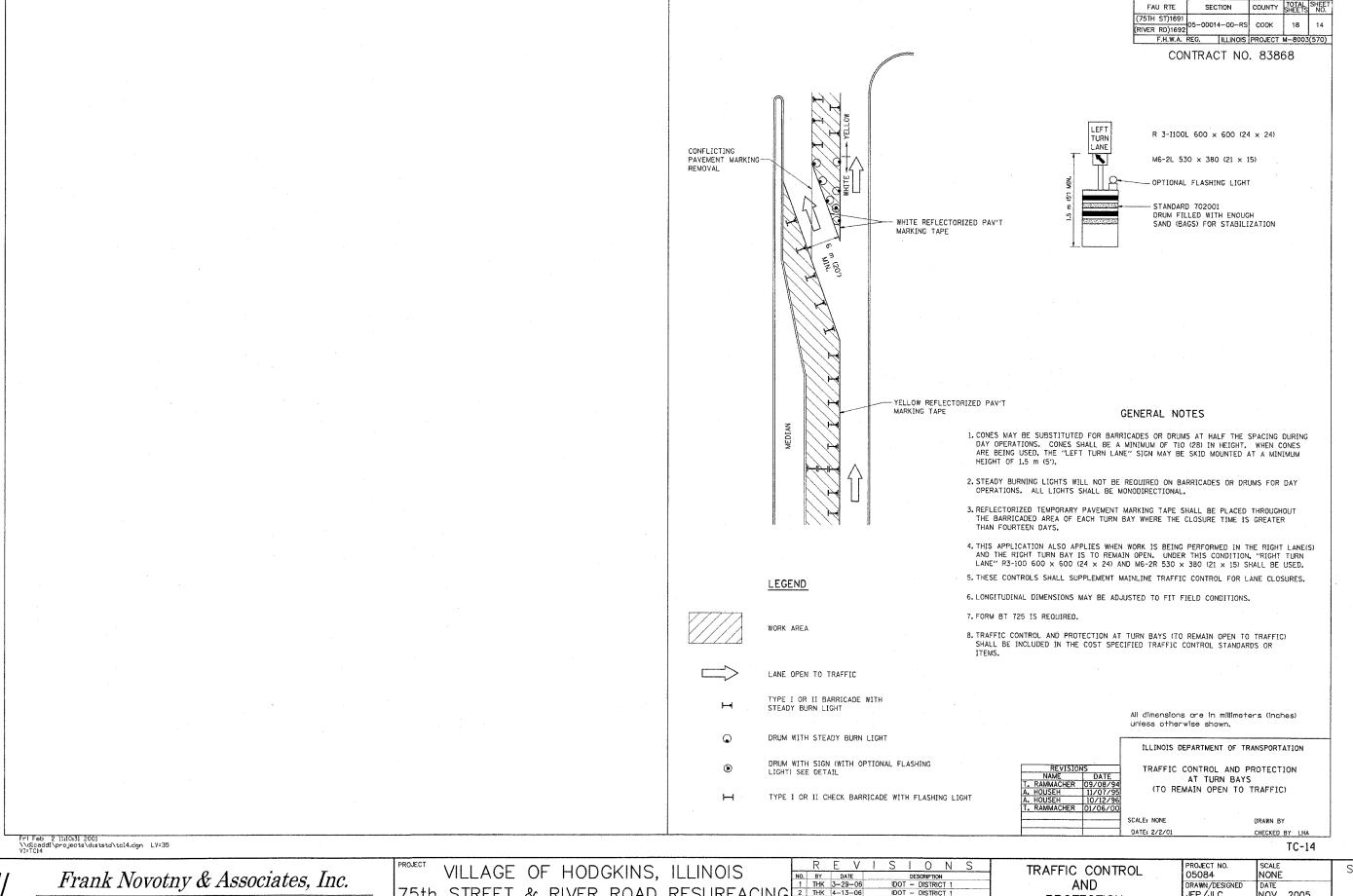
 PROJECT NO.
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SHEETS



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75th STREET & RIVER ROAD RESURFACING M.F.T. SECTION NO. 05-00014-00-RS

PROTECTION AT TURN BAYS

SHEET OF JFP/JLC NOV., 2005 CHECKED/APPROVED FIELD BOOK NO.
JLC FILE SHEETS

FAU RTE SECTION COUNTY (75TH ST)1691 18 COOK 15 05-00014-00-RS VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELS CONDITIONS CONTRACT NO. 83868 (SEE NOTE (2)) PROP. CONC. CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE(2)) SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL 450 (18) SEE STATE STANDARD 606001 -MAX. EXISTING OR PROPOSED BITUMINOUS SURFACE (IF APPLICABLE) 5 (1/4) ** Δ EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE OR GROUND. PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SALT TOLERANT SOD AND TOP SOIL, 100 (4) SOD RESTORATION (SEE NOTE (1)). NOTE: SIDEWALK REMOVAL AND REPLACEMENT EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT SUITABLE BACKFILL MATERIAL SHALL BE INCIDNETAL TO CURB AND -75 (3) MIN. (INCLUDED IN THE COST OF CURB OR CURB GUTTER REMOVAL AND REPLACEMENT AND GUTTER REMOVAL AND REPLACEMENT) * 75 (3) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE. PROPOSED 20 (3/4) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONRETE, THE GUTTER IS TO BE FLUSH OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.) WITH THE PAVEMENT. NOTE: (1) DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY BEING REMOVED AND WILL BE PAID FOR SEPARATELY. THE ENGINEER, SHALL BE REPLACE WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE. HALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMEN REMOVAL AND REPLACEMENT 100 (4) OR LESS IS INCLUDED IN THE (2) CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHARE OF THE EXISTING COST OF CURB AND CURB AND GUTTÉR REMOVAL AND REPLACEMENT. CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED. REMOVAL AND REPLACEMENT IN EXCESS OF 100 (4) WILL BE PAID FOR IN (3) FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS. PAVEMENT DELETE EPOXY COATED TIE BARS. PROPOSED NO. 20 (NO. 6) EPOXY COATED TIE BARS 600 (24) LONG AT (4) LONGITUDINAL BARS IF ENCOUNTEDED IN THE EXISITNG CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACE. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED 600 (24) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③). IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT. (5) THE COST OF BITUMINOUS SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT. BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT PRICE PER METER (FOOT) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT". All dimensions are in millimeters (inches) unless otherwise shown ILLINOIS DEPARTMENT OF TRANSPORTATION CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT CURB OR CURB AND GUTTER REMOVAL & REPLACEMENT DATE 08/19/99 CHECKED BY

Civil Engineers/

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75th STREET & RIVER ROAD RESURFACING
M.F.T. SECTION NO. 05-00014-00-RS

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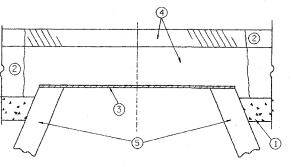
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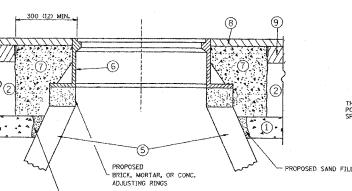
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SHEET 15 005 OF NO. 18 SHEETS

COUNTY TOTAL SHEET NO. FAU RTE SECTION 75TH ST)1691 05-00014-00-RS COOK 18 (RIVER RD)1692 F.H.W.A. REG.

CONTRACT NO. 83868





SAND FILL

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE REQINEER. 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.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL 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.

WHEN STRUCTURES ARE TO BE RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE RECONSTRUCTION PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (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.
- C) COVER THE STRUCTURE OPENING WITH A 900 (36) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 40 (1½)
 THICK BITUMINOUS MATERIAL APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE BITUMINOUS MATERIAL AND CRUSHED STONE.
- B) 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 ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

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

LEGEND

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

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE 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

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE

DATE: 08/19/99

DRAWN BY CHECKED BY BD600-03 (BD-8)

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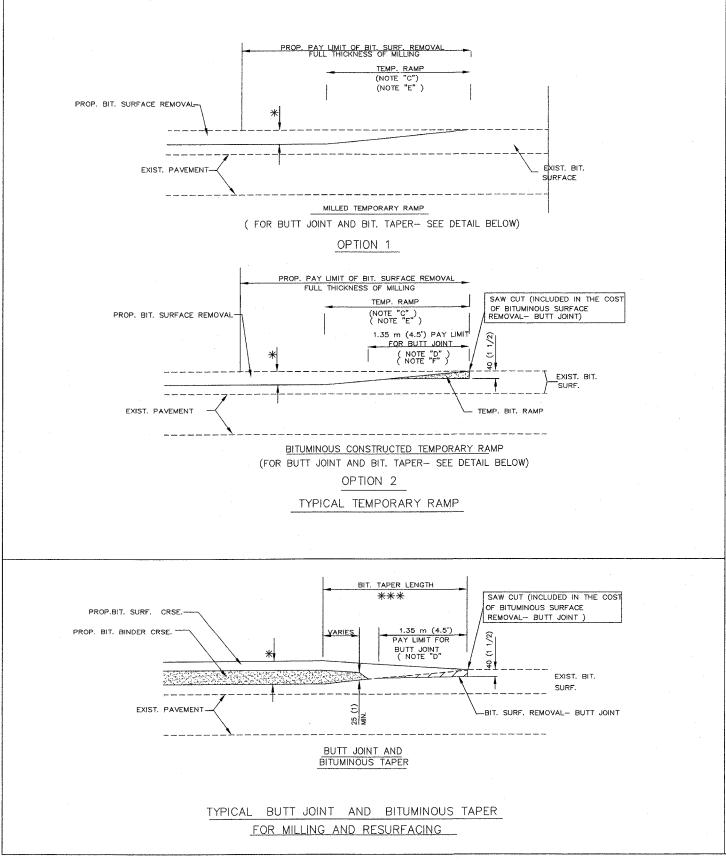
VILLAGE OF HODGKINS, ILLINOIS 75th STREET & RIVER ROAD RESURFACING 2 THK 4-13-06 M.F.T. SECTION NO. 05-00014-00-RS

SIONS DESCRIPTION IDOT - DISTRICT

DETAILS FOR FRAMES & LIDS ADJUSTMENT WITH MILLING

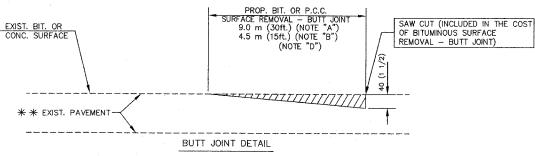
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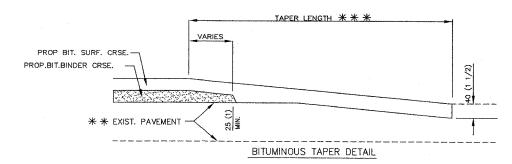
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COUNTY SHEETS NO. (75TH ST)1691 5-00014-00-RS COOK 18 (RIVER RD)1692

CONTRACT NO. 83868





TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

* PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

- A: MAINLINE ROADWAY AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.

THE BUTT JOINT WILL BE PAID FOR PER SQUARE METER (SQUARE YARD.)
AS "BITUMINOUS SURFACE REMOVAL — BUTT JOINT" OR
AS" PORTLAND CEMENT CONCRETE SURFACE REMOVAL — BUTT
JOINT".

BASIS OF PAYMENT:

- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS SURFACES.
- E: TAPER THE TEMP. RAMP AT THE RATE OF 900 (3 ft.) PER INCH OF MILLING THICKNESS
- F: INSTALLATION AND REMOVAL OF THE 1.35m (4.5') TEMP. BIT. RAMP WILL BE PAID AS " BITUMINOUS SURFACE REMOVAL BUTT JOINT".
- 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.
- ** * * 6.1 m (20') PER 25 (1) RESURFACING (NOTE "A") 3.0 m (10') PER 25 (1) RESURFACING (NORE "B")

All dimensions are in millimeters (inches) unless otherwise shown

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

DATE 08/19/99

DRAWN BY CADD CHECKED BY

VILLAGE OF HODGKINS, ILLINOIS 75th STREET & RIVER ROAD RESURFACING THE HATS-06 M.F.T. SECTION NO. 05-00014-00-RS

REVISIONS DESCRIPTION

IDOT - DISTRICT 1

BUTT JOINT AND BITUMINOUS TAPER **DETAILS**

PROJECT NO. 05084 SHEET NONE 17 DRAWN /DESIGNED OF JFP/JLC NOV., 2005 18 CHECKED/APPROVED FIELD BOOK NO. SHEETS

Civil Engineers/ Municipal Consultants

Frank Novotny & Associates, Inc.

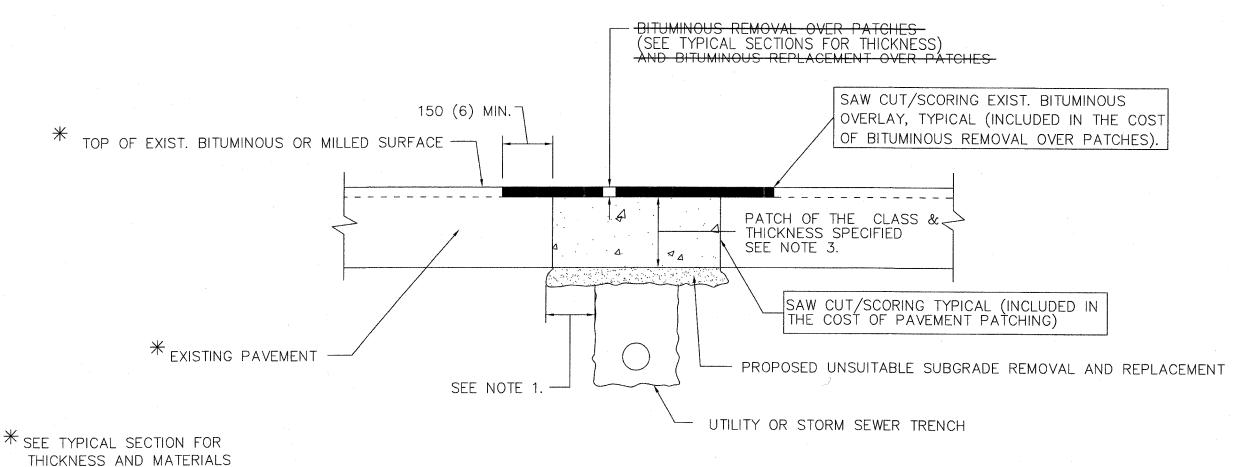
825 Midway Drive \clubsuit Willowbrook, IL \spadesuit 60527 \spadesuit Telephone: (630) 887-8640 \spadesuit Fax: (630) 887-0132 Illinois Professional Design Firm No. 184-000928

FAU RTE SECTION COUNTY TOTAL SHEETS NO.

(75TH ST)1691
(RIVER RD)1692

F.H.W.A. REG. HILLINDIS PROJECT M-8003(570)

CONTRACT NO. 83868



NOTES:

- 1. THE WITDH 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".
- 3. THE BASE COURSE PATCHING SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF ARTICLE 442 OF THE STANDARD SPECIFICATIONS AND ALL REQUIREMENTS OF STANDARDS 442001—01, 442101—01, 442201 ARE APPLICABLE BASED ON THE CLASS OF PATCH SPECIFIED.

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

REVISIONS REVISIONS

ME DATE NAME DATE
AH 10/25/94 ART ABBAS 04/27/98
AH 01/14/95
AH 04/24/95
AH 04/24/95
AH 04/24/95

SCALE: NONE
DATE 08/19/99

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75th STREET & RIVER ROAD RESURFACING
M.F.T. SECTION NO. 05-00014-00-RS

PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT