

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14+2	1
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		

CONTRACT NO. 63291

INDEX OF SHEETS

- COVER SHEET, INDEX OF SHEETS, LOCATION MAP, INDEX OF STATE STANDARDS
- GENERAL NOTES, JOINT DETAILS, SUMMARY OF QUANTITIES
- TYPICAL CROSS SECTIONS, HOT-MIX ASPHALT MIXTURE REQUIREMENTS
- PLAN: 63RD STREET (RESURFACING) - LAGRANGE ROAD to EAST AVENUE
- PLAN: 63RD STREET (PAVEMENT MARKINGS) - LAGRANGE ROAD to EAST AVENUE
- PLAN: 63RD STREET (DETECTOR LOOP REPLACEMENT) - AT LAGRANGE ROAD
- DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
- TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
- SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
- CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- FRAMES AND LIDS ADJUSTMENTS WITH MILLING
- BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS
- PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

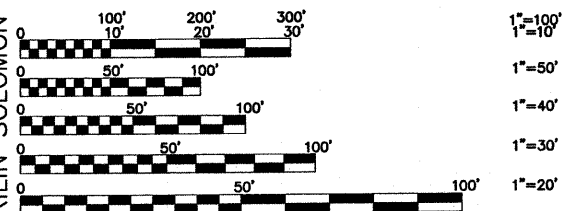
STATE STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 604001-03 FRAME & LIDS, TYPE 1
- 606001-04 CONCRETE CURB AND COMBINATION CONCRETE CURB & GUTTER
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701606-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTOR LOOPS

TRAFFIC DATA

ADT:
63rd STREET 3,000 (2009)

POSTED SPEED	DESIGN SPEED
30 MPH (EXISTING)	30 MPH (EXISTING)
30 MPH (PROPOSED)	30 MPH (PROPOSED)



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.

JULIE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
CALL 811

Know what's below.
Call before you dig.

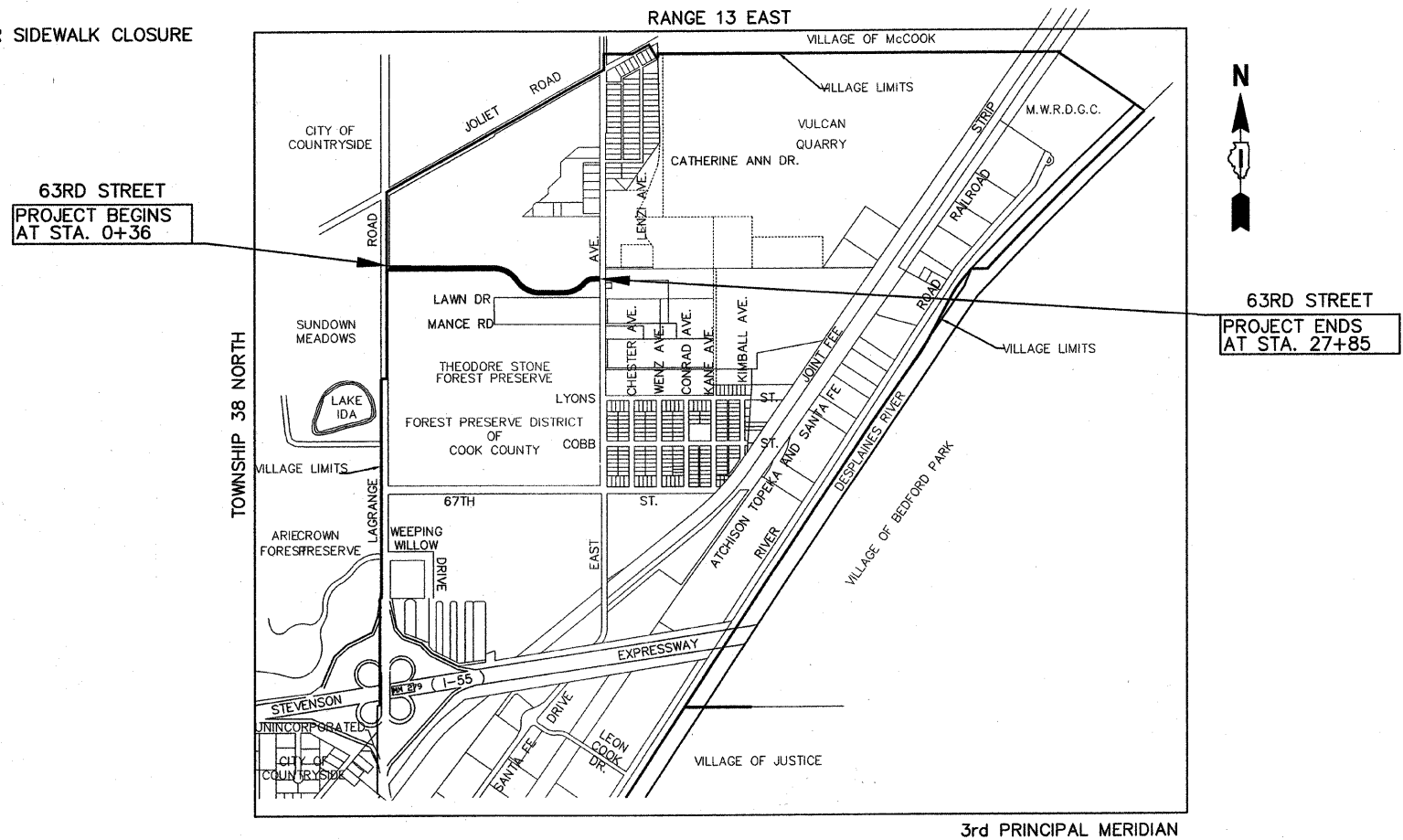
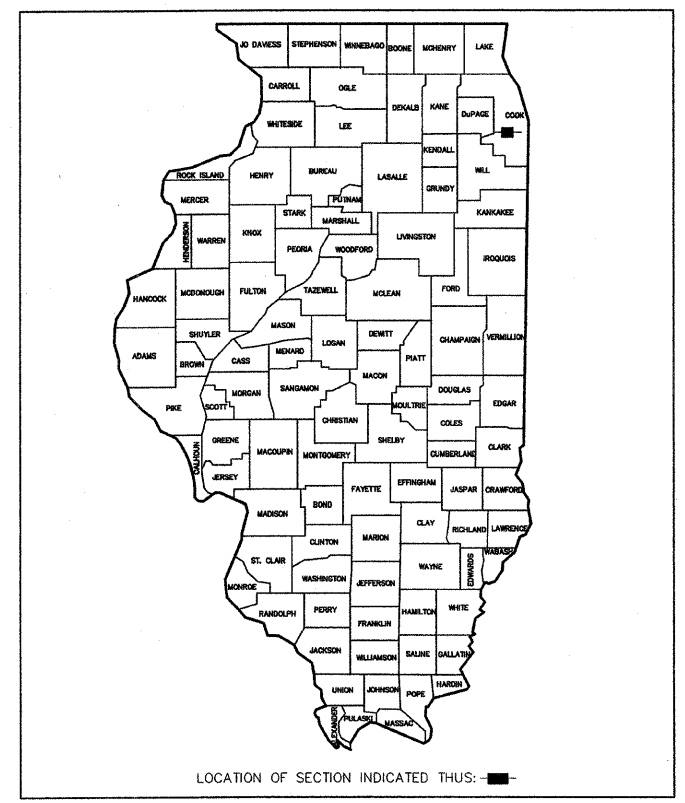
Frank Novotny & Associates, Inc.
Civil Engineers
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825 Midway Drive • Willowbrook, IL • 60527 • Telephone: (630) 987-8640 • Fax: (630) 887-0132
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000628

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	7-07-09	PER IDOT REVIEW
2	JLC	8-17-09	PER IDOT REVIEW
3	JLC	9-09-09	PER IDOT REVIEW

CONTRACT NO. 63291

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID HIGHWAY

63RD STREET (FAU ROUTE 1704)
FROM LAGRANGE ROAD (FAP 330) to EAST AVENUE (FAU 2719)
LAPP RESURFACING
FEDERAL PROJECT ARA-9003(218)
SECTION NO. 09-00015-00-RS
VILLAGE OF HODGKINS
COOK COUNTY
JOB NO. C-91-273-09
PROJECT LOCATION MAP
N.T.S.



MARILYN SOLOMON (847) 705-4407
FIELD DESIGN ENGINEER

— DENOTES LOCATION OF IMPROVEMENT IN LYONS TOWNSHIP

LENGTH OF PROJECT

GROSS LENGTH OF PROJECT 2749 FEET (0.5206 MILES)
NET LENGTH OF PROJECT 2749 FEET (0.5206 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 8-14 2009

VILLAGE PRESIDENT Noel B. Cummings
NOEL B. CUMMINGS, PRESIDENT

PASSED August 31, 2009
District #1 Engineer of Local Roads & Streets

RELEASING FOR BID
BASED ON LIMITED
REVIEW SEPTEMBER 1, 2009
Debra M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION #1 ENGINEER

James L. Cainkar
JAMES L. CAINKAR, P.E.
IL. P.E. NO. 62-36190
EXPIRES 11-30-2009
DATE Aug 17, 2009

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	2
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		

CONTRACT NO. 63291

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 OR 811, 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.

TRAFFIC CONTROL DEVICES

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

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 INCLUDED IN THE COST OF 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".

SUPERINTENDENCE

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. SAWCUTTING FOR PATCHES WILL BE INCLUDED IN THE COST OF 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. CONSTRUCTION LAYOUT STAKES WILL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT ITEM.

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 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. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 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 HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

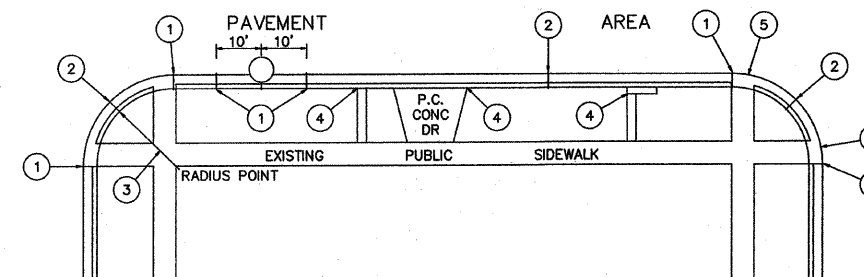
THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

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.

DRAINAGE STRUCTURE REPLACEMENT OR RECONSTRUCTION

NOTE: LOCATIONS OF CATCH BASINS AND INLETS TO BE REMOVED AND REPLACED, OR CATCH BASINS AND MANHOLES TO BE RECONSTRUCTED, SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.



- 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.
- CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS.
- ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- 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

SUMMARY OF QUANTITIES

Item No	Description	Unit	Quantity	Construction Code
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5	
40600300	AGGREGATE (PRIME COAT)	TON	12	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	145	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1146	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	23	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQFT	290	
42400800	DETECTABLE WARNINGS	SQ FT	80	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	11696	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	133	
44000600	SIDEWALK REMOVAL	SQ FT	290	
SP 44001700	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	340	
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	40	
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	100	
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	40	
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	100	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	1	
60260100	INLETS TO BE ADJUSTED	EACH	1	
SP 60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	
67100100	MOBILIZATION	L SUM	1	
SP 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	12204	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4353	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	367	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9540	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	884	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	524	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	110	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	10	
SP 88600600	DETECTOR LOOP REPLACEMENT	FOOT	351	
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	655	
* SP XX006257	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	163	
* SP Z0018500	DRAINAGE STRUCTURE TO BE CLEANED	EACH	17	

* SPECIALTY ITEM

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1-3/4" (IL-9.5mm)	PG 64-22	4% @ 50 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
DRIVEWAYS		
INCIDENTAL HOT-MIX ASPHALT SURFACING, MIX "C", N50, (IL 9.5 mm), 3"	PG 64-22	4% @ 50 GYR
PATCHING		
CLASS D PATCHES, TYPE III-IV, 9"x12", (HMA BINDER IL-19.0mm)	*PG 64-22	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

NOTE:
CONTRACTOR SHALL MILL BEFORE PATCHING

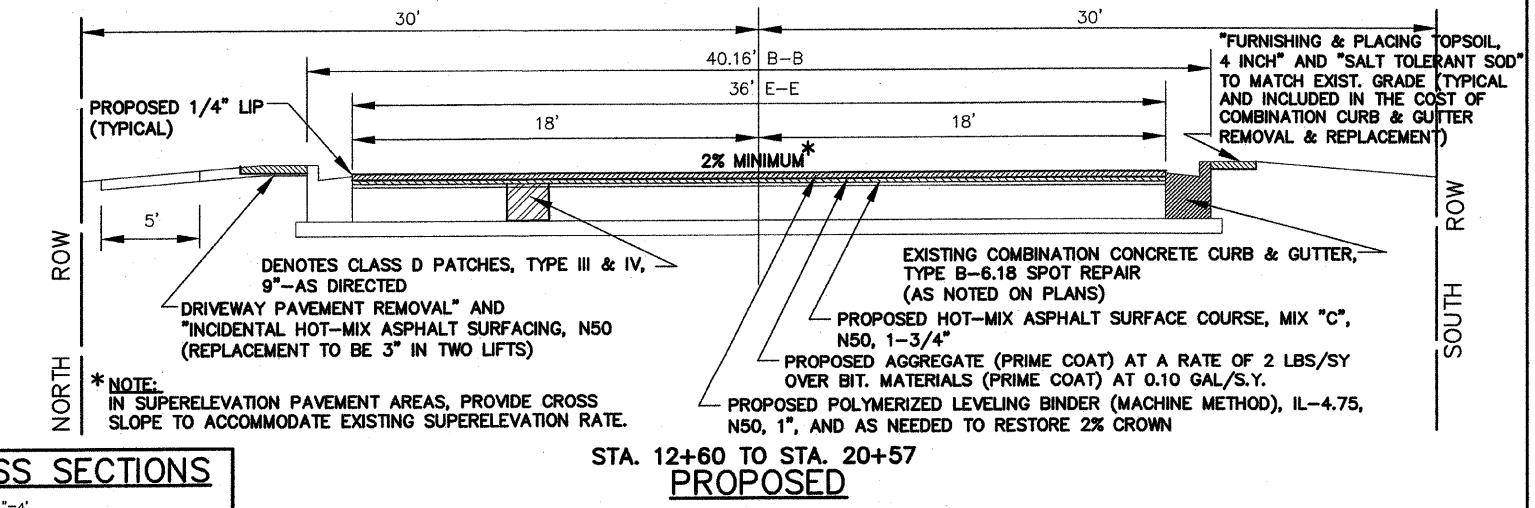
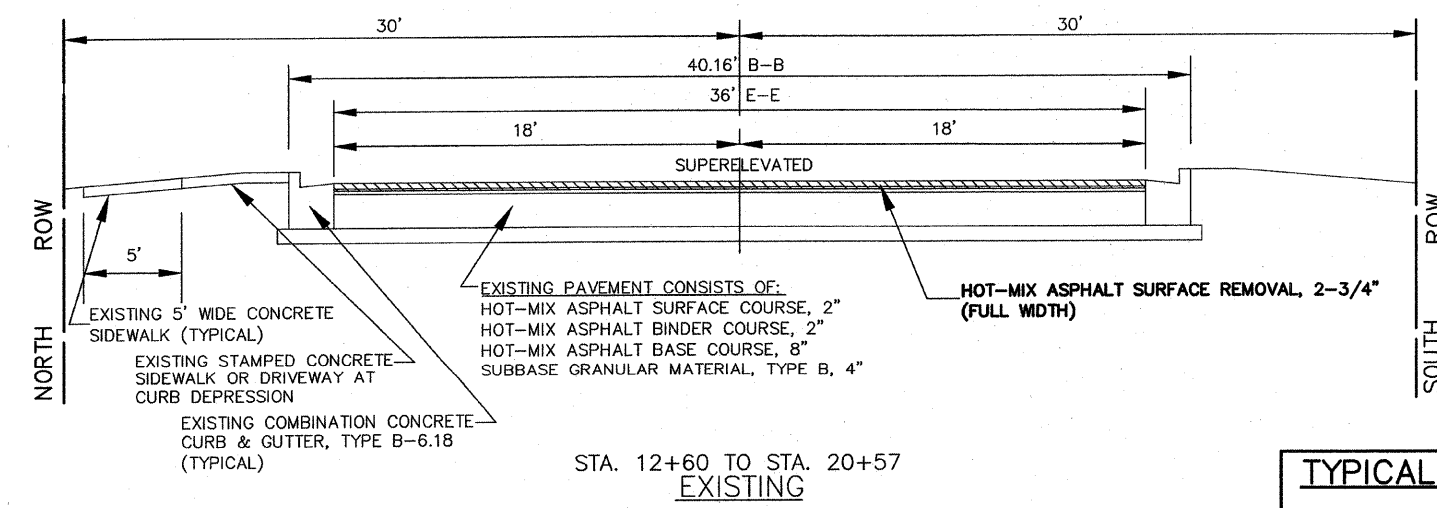
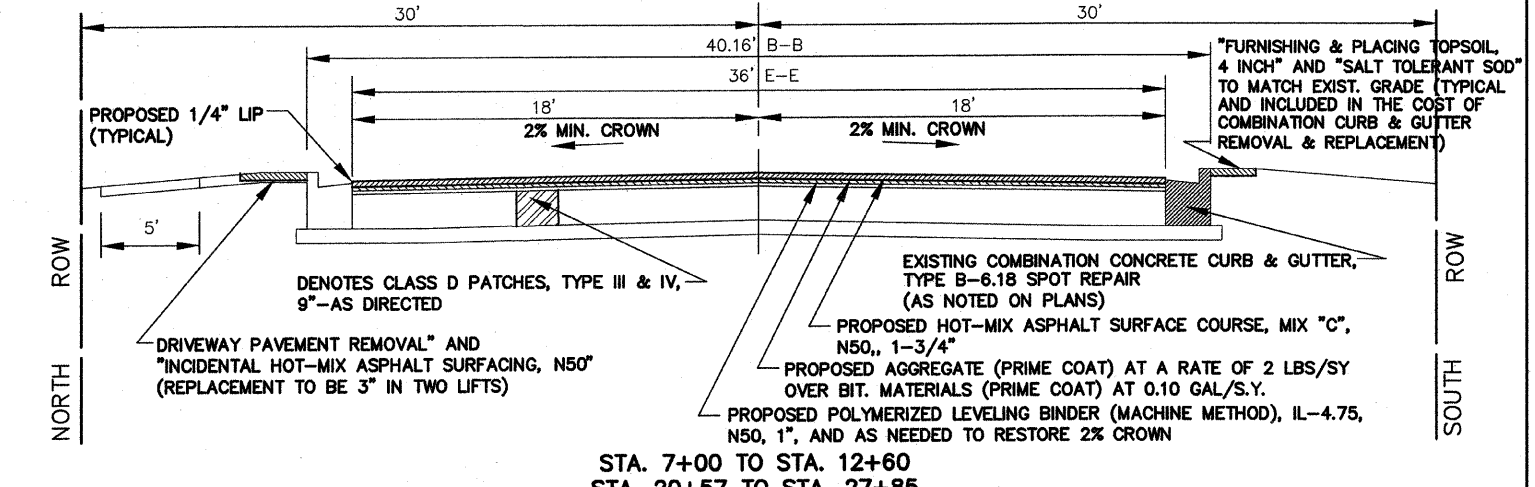
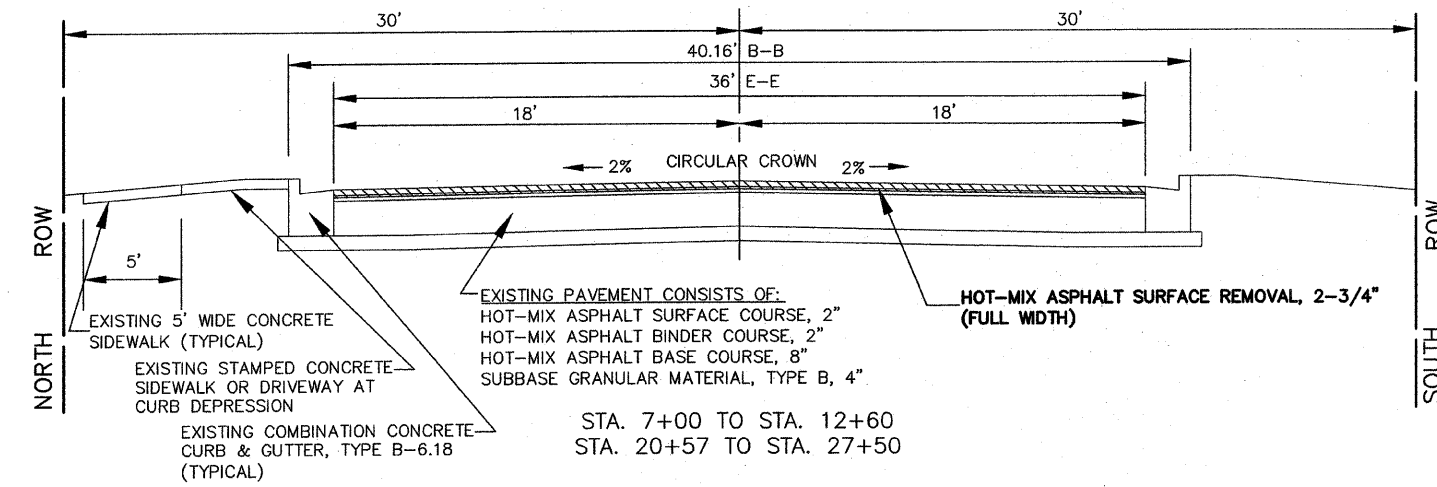
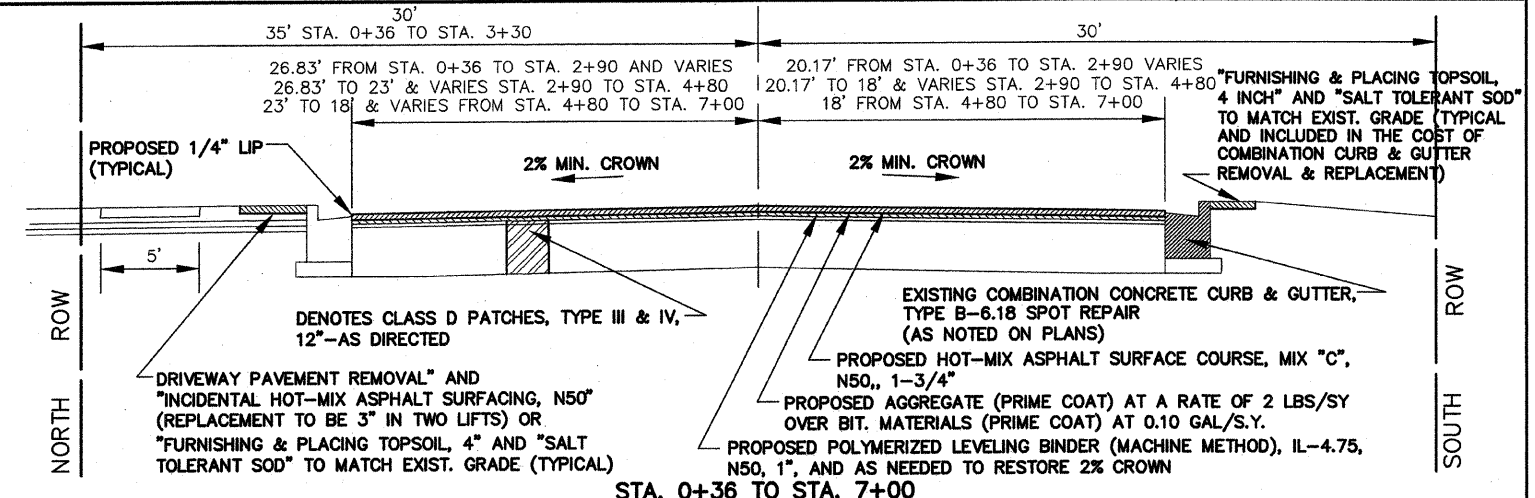
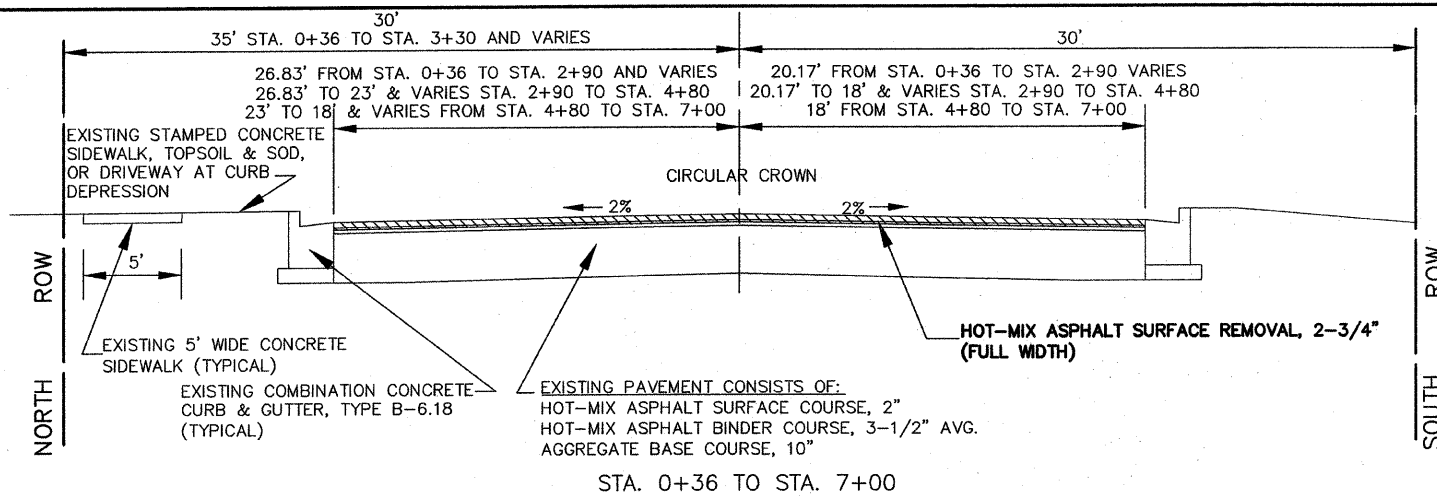
NOTE:
CARE SHALL BE TAKEN, DURING SPOT REPAIRS, IN REMOVING NORTH SIDE COMBINATION CONCRETE CURB & GUTTER ADJACENT TO EXISTING STAMPED CONCRETE SIDEWALK IN ORDER NOT TO DISTURB/DAMAGE THE STAMPED CONCRETE SIDEWALK.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	3
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		

CONTRACT NO. 63291

IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



TYPICAL CROSS SECTIONS

SCALE: 1"=4'

Frank Novotny & Associates, Inc.
 Civil Engineers/Municipal Consultants
 825 Midway Drive • Willowbrook, IL • 60527 • Telephone: (630) 887-8640 • Fax: (630) 887-0132
 Illinois Professional Design Firm No. 184-000928

PROJECT
VILLAGE OF HODGKINS, ILLINOIS
63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

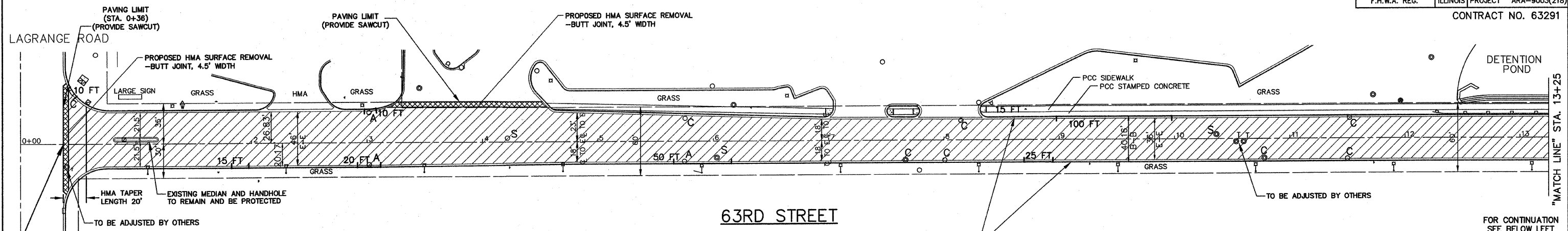
REVISIONS			
NO.	BY	DATE	DESCRIPTION
2	JLC	8-17-09	PER IDOT REVIEW

TYPICAL CROSS SECTIONS
HOT-MIX MIXTURES REQUIREMENTS

PROJECT NO. 06212	SCALE 1"=4'	SHEET 3
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	OF 14
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	4
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(218)	

CONTRACT NO. 63291



63RD STREET
CONTRACT BEGINS
AT STA. 0+36

FOR CONTINUATION
SEE BELOW LEFT

63RD STREET

LEGEND

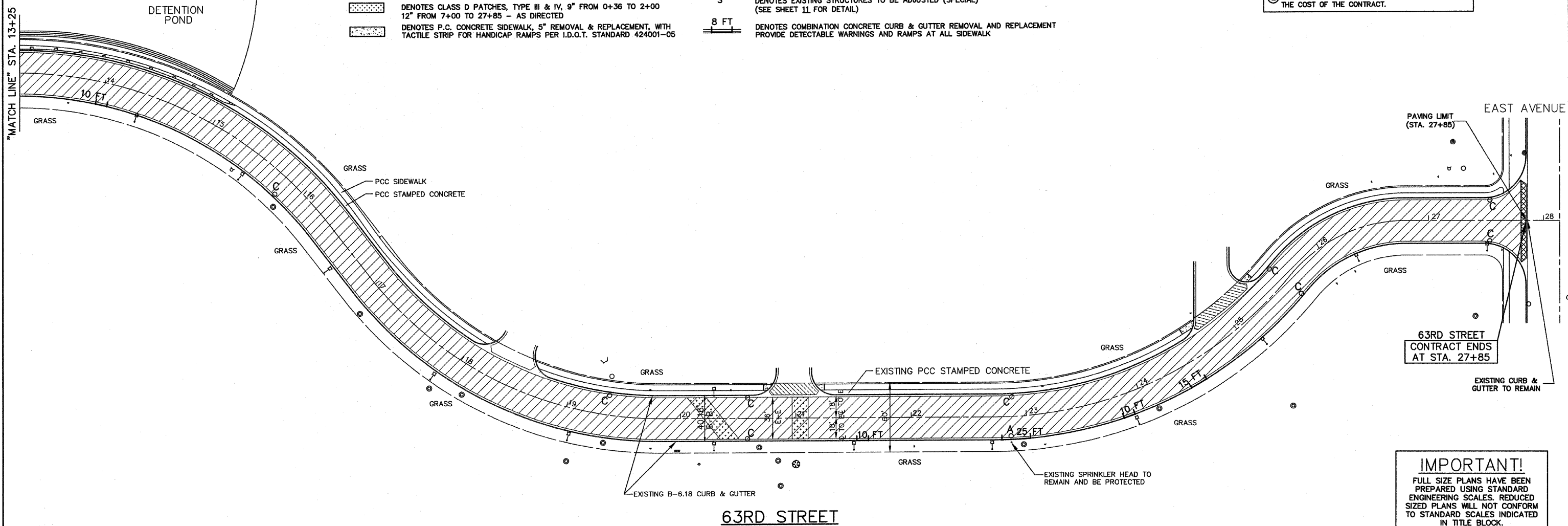
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (4.5' WIDTH)
- DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
- DENOTES CLASS D PATCHES, TYPE III & IV, 9" FROM 0+36 TO 2+00 12" FROM 7+00 TO 27+85 - AS DIRECTED
- DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL & REPLACEMENT, WITH TACTILE STRIP FOR HANDICAP RAMPS PER I.D.O.T. STANDARD 424001-05
- "A" DENOTES EXISTING CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN, COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
- "C" EXISTING STRUCTURE TO BE CLEANED & GROUTED
- "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL) (SEE SHEET 11 FOR DETAIL)
- 8 FT DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT PROVIDE DETECTABLE WARNINGS AND RAMPS AT ALL SIDEWALK



FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK
SEE SHEET 3

NOTE:
 ① ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.
 ② ALL SAWCUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

FOR CONTINUATION
SEE ABOVE RIGHT



63RD STREET
CONTRACT ENDS
AT STA. 27+85

EXISTING CURB &
GUTTER TO REMAIN

63RD STREET

IMPORTANT!
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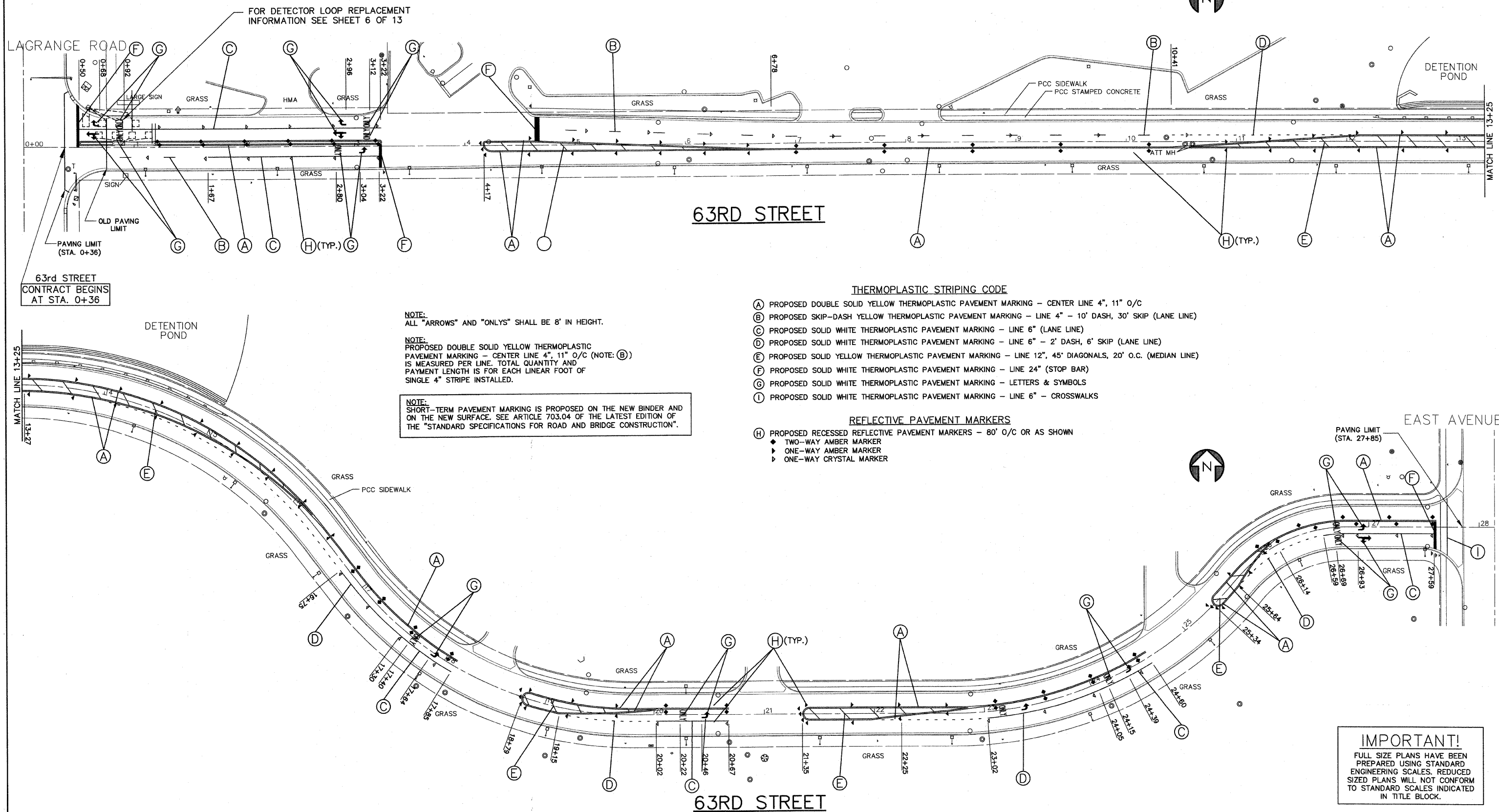
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 Illinois Professional Design Firm No. 184-000928

PROJECT **VILLAGE OF HODGKINS, ILLINOIS**
63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

R E V I S I O N S			
NO.	BY	DATE	DESCRIPTION
2	JLC	8-17-09	PER IDOT REVIEW

PAVING PLAN:
63RD STREET
 LaGRANGE RD. TO EAST AVE.

PROJECT NO. 06212	SCALE 1"=40'	SHEET 4 OF 14 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	



63rd STREET
CONTRACT BEGINS
AT STA. 0+36

NOTE:
ALL "ARROWS" AND "ONLAYS" SHALL BE 8" IN HEIGHT.

NOTE:
PROPOSED DOUBLE SOLID YELLOW THERMOPLASTIC
PAVEMENT MARKING - CENTER LINE 4", 11" O/C (NOTE: B)
IS MEASURED PER LINE. TOTAL QUANTITY AND
PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF
SINGLE 4" STRIPE INSTALLED.

NOTE:
SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE NEW BINDER AND
ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF
THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

THERMOPLASTIC STRIPING CODE

- (A) PROPOSED DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - CENTER LINE 4", 11" O/C
- (B) PROPOSED SKIP-DASH YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 4" - 10' DASH, 30' SKIP (LANE LINE)
- (C) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (LANE LINE)
- (D) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" - 2' DASH, 6' SKIP (LANE LINE)
- (E) PROPOSED SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING - LINE 12", 45' DIAGONALS, 20' O.C. (MEDIAN LINE)
- (F) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)
- (G) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
- (I) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" - CROSSWALKS

REFLECTIVE PAVEMENT MARKERS

- (H) PROPOSED RECESSED REFLECTIVE PAVEMENT MARKERS - 80' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▶ ONE-WAY CRYSTAL MARKER

IMPORTANT!
FULL SIZE PLANS HAVE BEEN
PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED
SIZED PLANS WILL NOT CONFORM
TO STANDARD SCALES INDICATED
IN TITLE BLOCK.

REVISIONS			
NO.	BY	DATE	DESCRIPTION

STRIPING PLAN:
63RD STREET
LAGRANGE RD. TO EAST AVE.

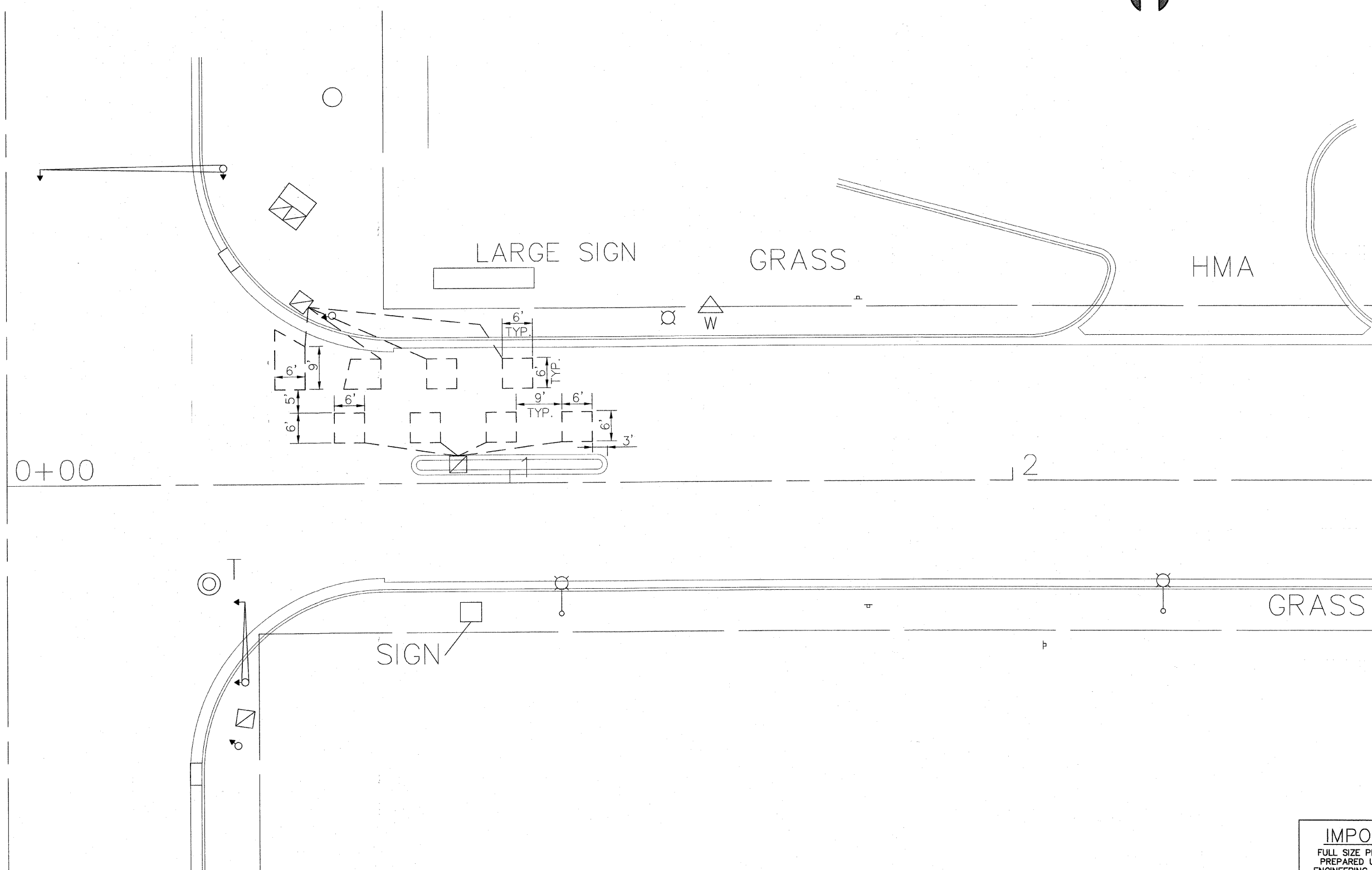
PROJECT NO. 06212	SCALE 1"=40'	SHEET 5
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	OF 14
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	6
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(218)	

CONTRACT NO. 63291



LAGRANGE ROAD



63RD STREET

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

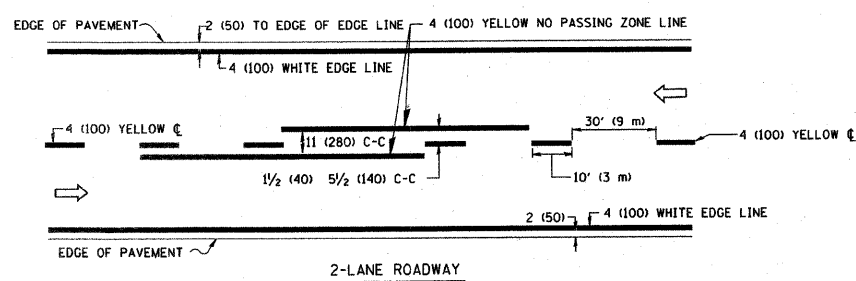
Frank Novotny & Associates, Inc.
 Civil Engineers/
 Municipal Consultants
 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132
 Illinois Professional Design Firm No. 184-000928

PROJECT
VILLAGE OF HODGKINS, ILLINOIS
63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

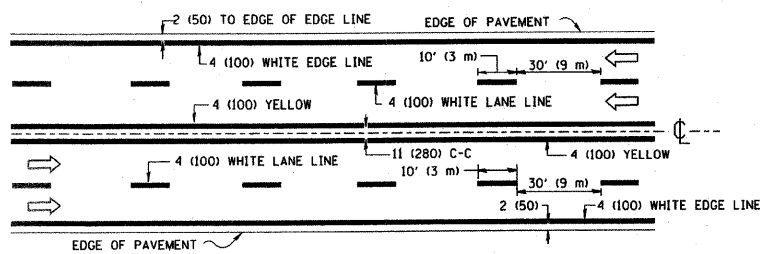
R E V I S I O N S			
NO.	BY	DATE	DESCRIPTION

DETECTOR LOOP REPLACEMENT PLAN:
63RD STREET
AT LAGRANGE RD.

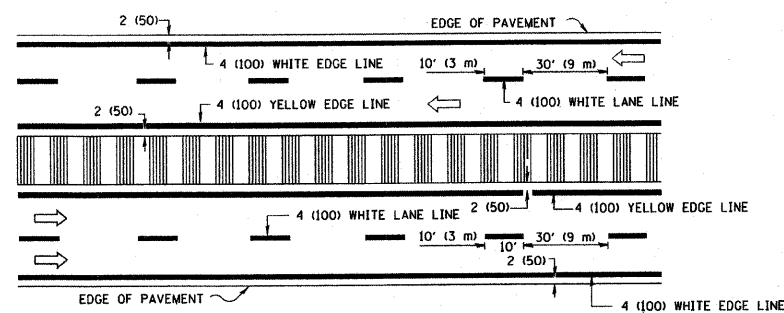
PROJECT NO. 06212	SCALE 1"=10'	SHEET 6
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	OF 14
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	SHEETS



2-LANE ROADWAY



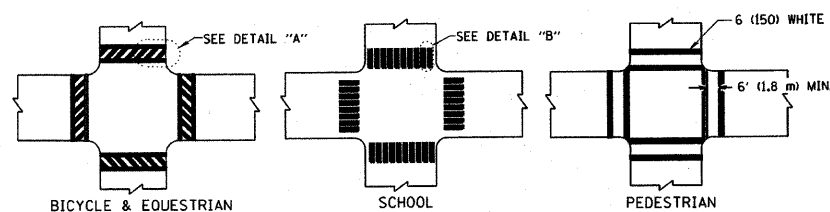
MULTI-LANE UNDIVIDED



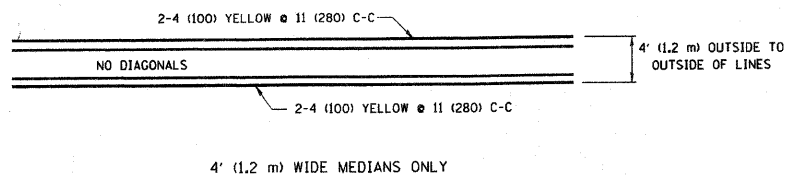
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

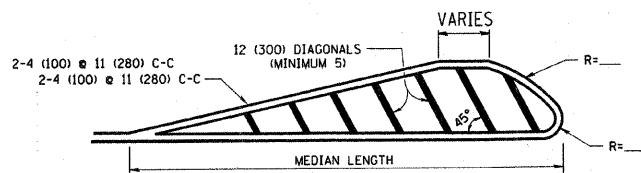
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



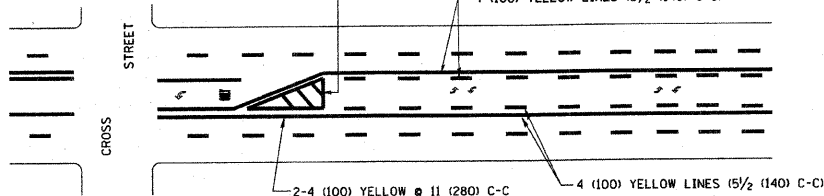
4' (1.2 m) WIDE MEDIANS ONLY



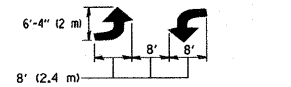
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

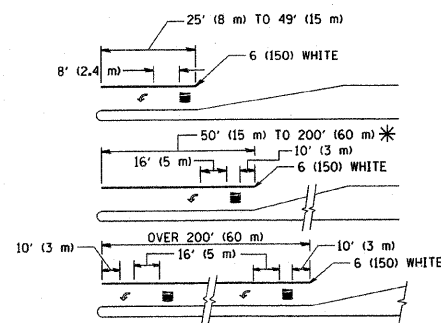


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

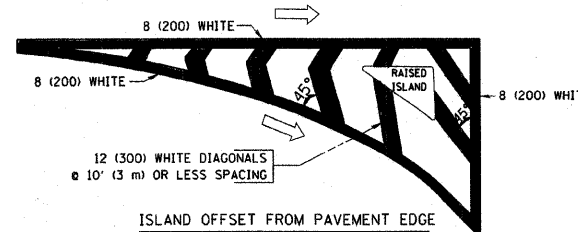


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

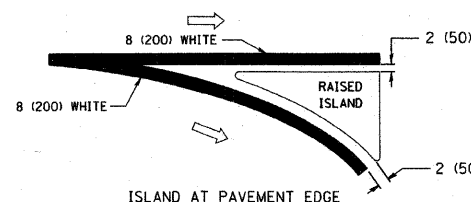
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 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 (6.5)
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)	-

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD
CHECKED BY
TC-13

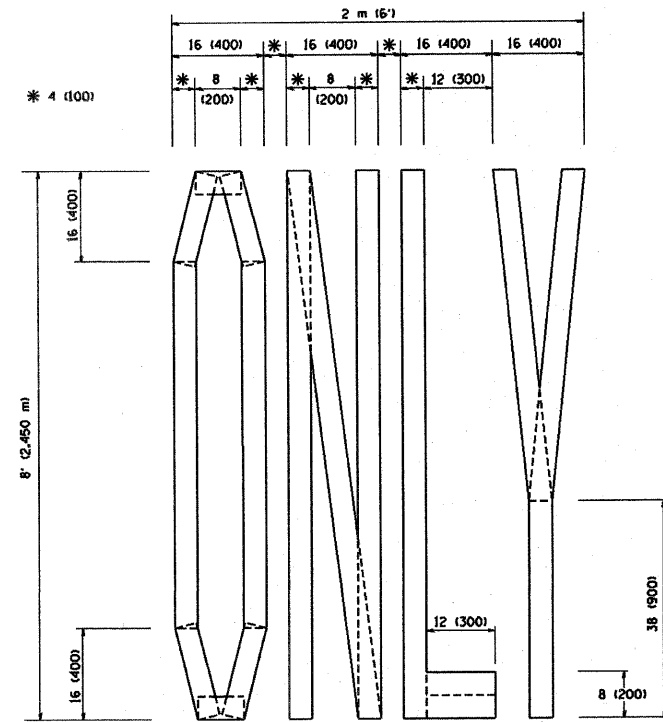
PLT DATE = 3/6/2007
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USER NAME = bobard

REVISIONS			
NO.	BY	DATE	DESCRIPTION

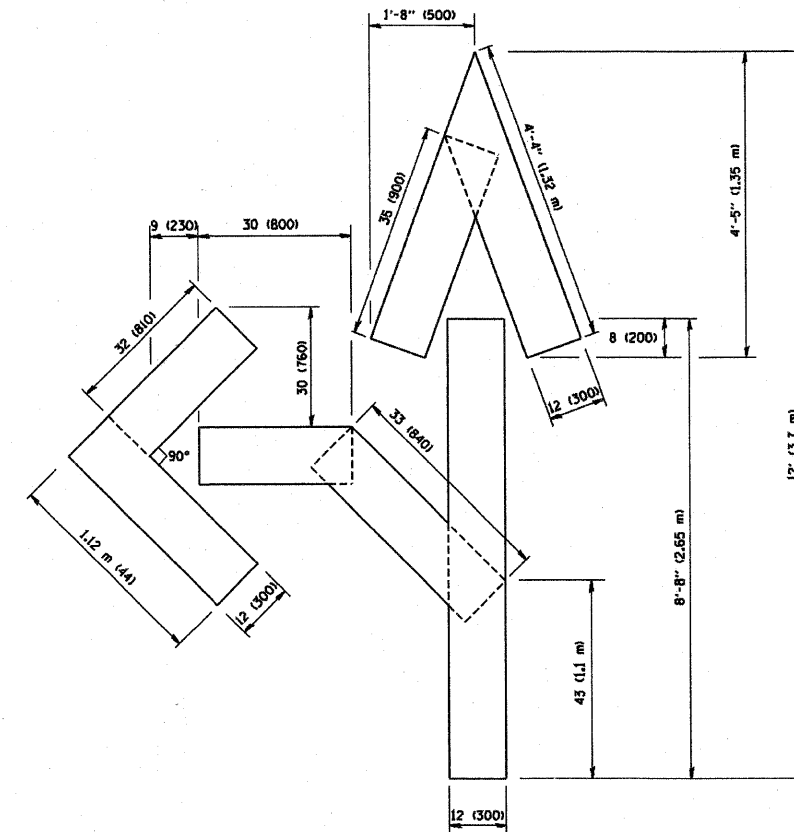
PROJECT NO. 06212	SCALE NONE
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	8
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		

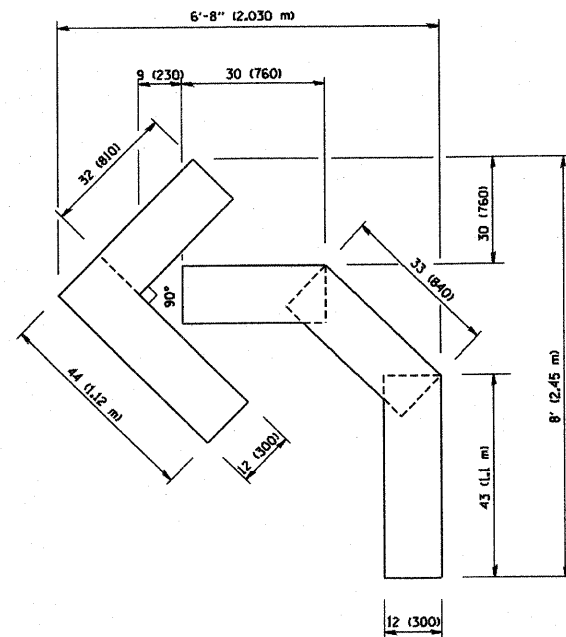
CONTRACT NO. 63291



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



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



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

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

REVISIONS	
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

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING
LETTERS AND SYMBOLS
FOR TRAFFIC STAGING**

SCALE: NONE

DRAWN BY CADD

CHECKED BY

TC-16

PLOT DATE: 3/7/2007
PLOT SCALE: 1/8" = 1'-0"
PLOT USER: J. OBERLE



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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

PROJECT

VILLAGE OF HODGKINS, ILLINOIS
63RD STREET PAVING
LaGRANGE ROAD TO EAST AVENUE
MFT SECTION NO. 09-00015-00-RS

REVISIONS			
NO.	BY	DATE	DESCRIPTION

**PAVEMENT MARKING
LETTERS AND SYMBOLS
FOR TRAFFIC STAGING**

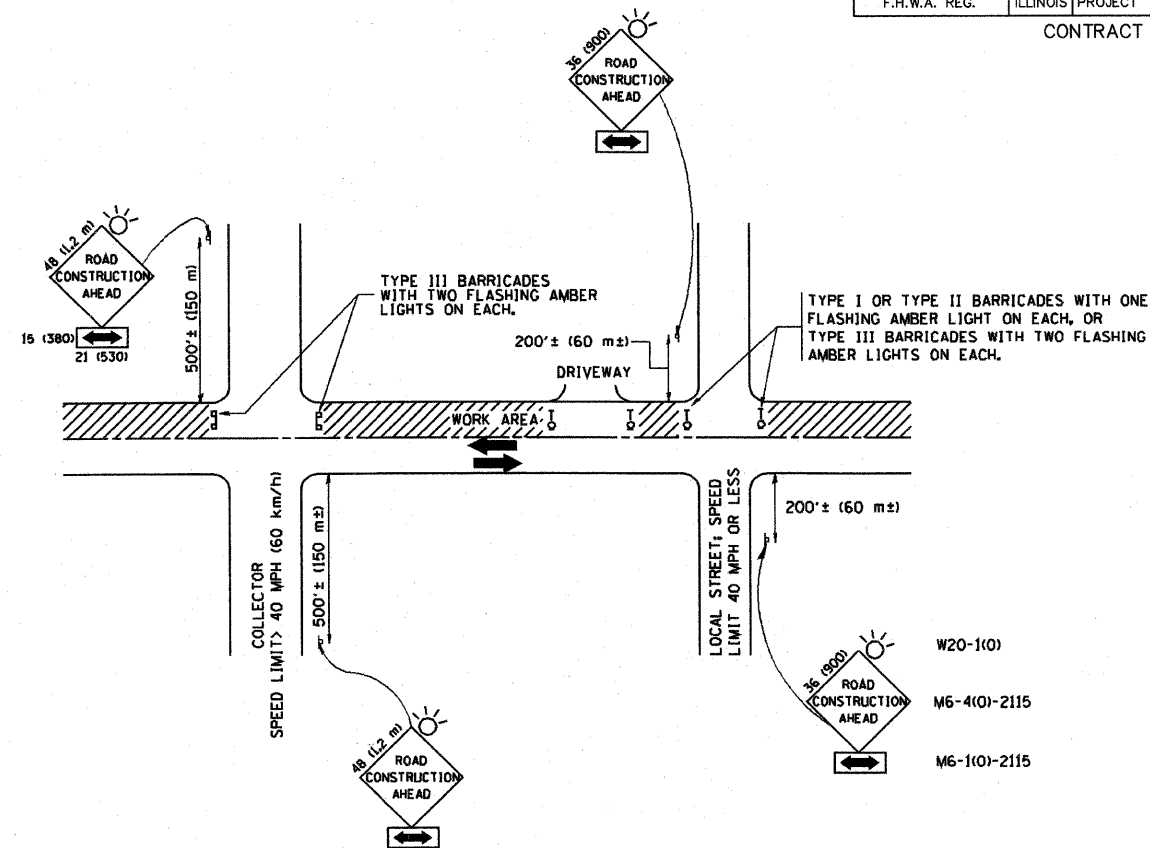
PROJECT NO.
06212
DRAWN/DESIGNED
JFP/JLC
CHECKED/APPROVED
JLC

SCALE
NONE
DATE
APR., 2008
FIELD BOOK NO.
NONE

SHEET
8
OF
14
SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	9
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		

CONTRACT NO. 63291



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - 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.
- 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 DRIVEWAYS

- 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.

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

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION
FOR
SIDE ROADS, INTERSECTIONS, AND
DRIVEWAYS

SCALE: NONE
DRAWN BY
CHECKED BY
TC-10

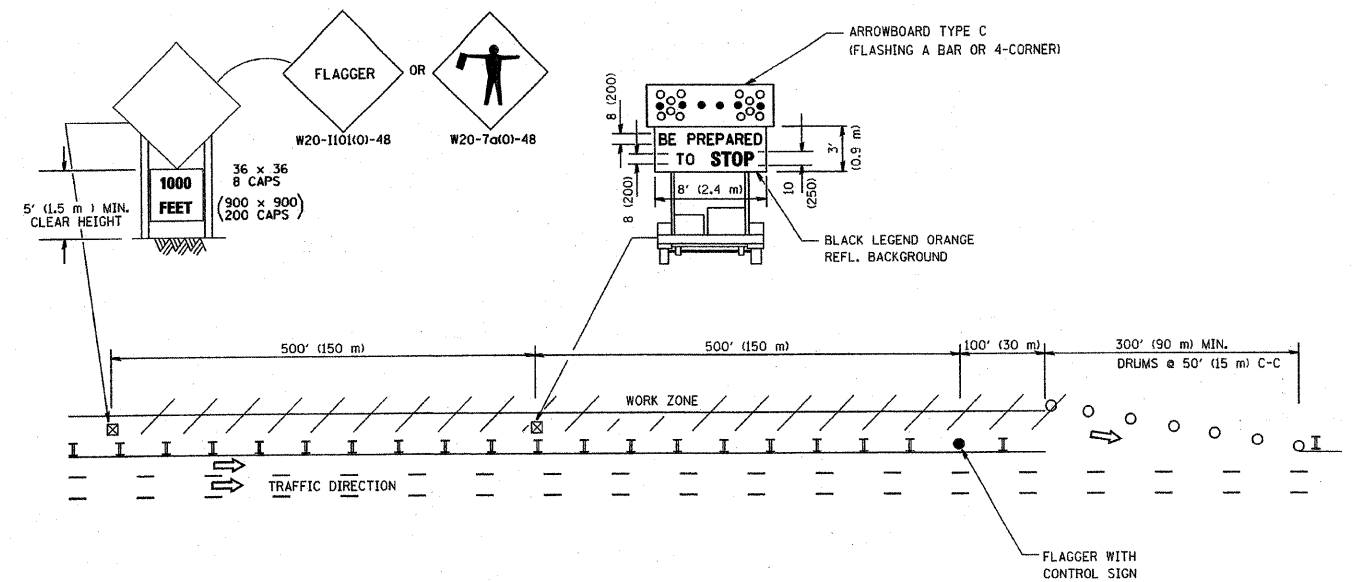
PLOT DATE: 3/6/2007
PLOT SCALE: 1/8"=1'-0"
USER NAME: bward

REVISIONS			
NO.	BY	DATE	DESCRIPTION

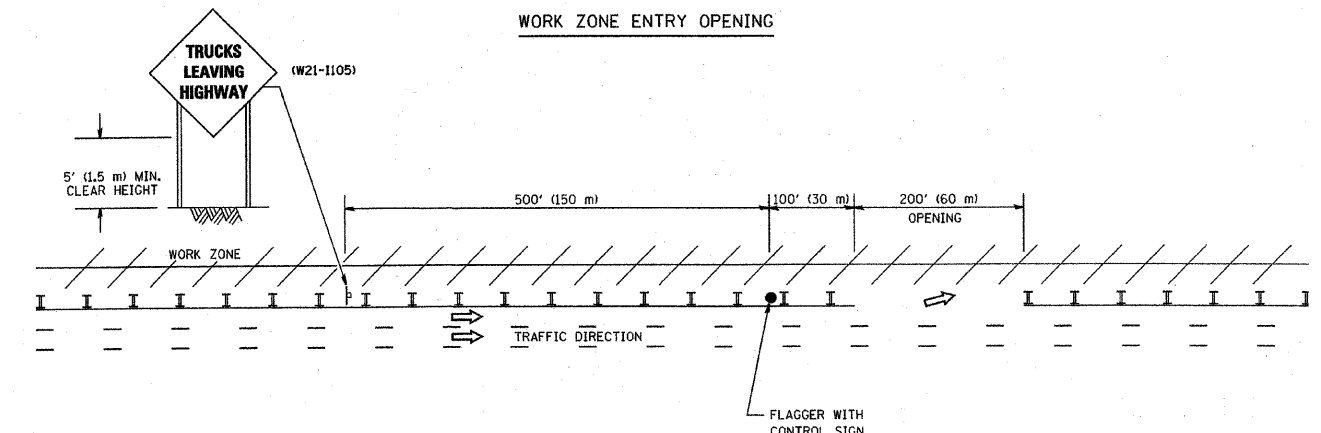
SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	10
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		
CONTRACT NO. 63291				

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

SCALE: NONE
DATE: 1/4/2007
DRAWN BY: CADD
CHECKED BY: TC-18

PLOT DATE = 1/4/2007
 PLOT SCALE = 3/8" = 1'-0"
 USER NAME = jtrachf

Frank Novotny & Associates, Inc.
 Civil Engineers/Municipal Consultants
 825 Midway Drive • Willowbrook, IL • 60527 • Telephone: (630) 887-8640 • Fax: (630) 887-0132
 Illinois Professional Design Firm No. 184-000928

PROJECT: VILLAGE OF HODGKINS, ILLINOIS
 63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

REVISIONS			
NO.	BY	DATE	DESCRIPTION

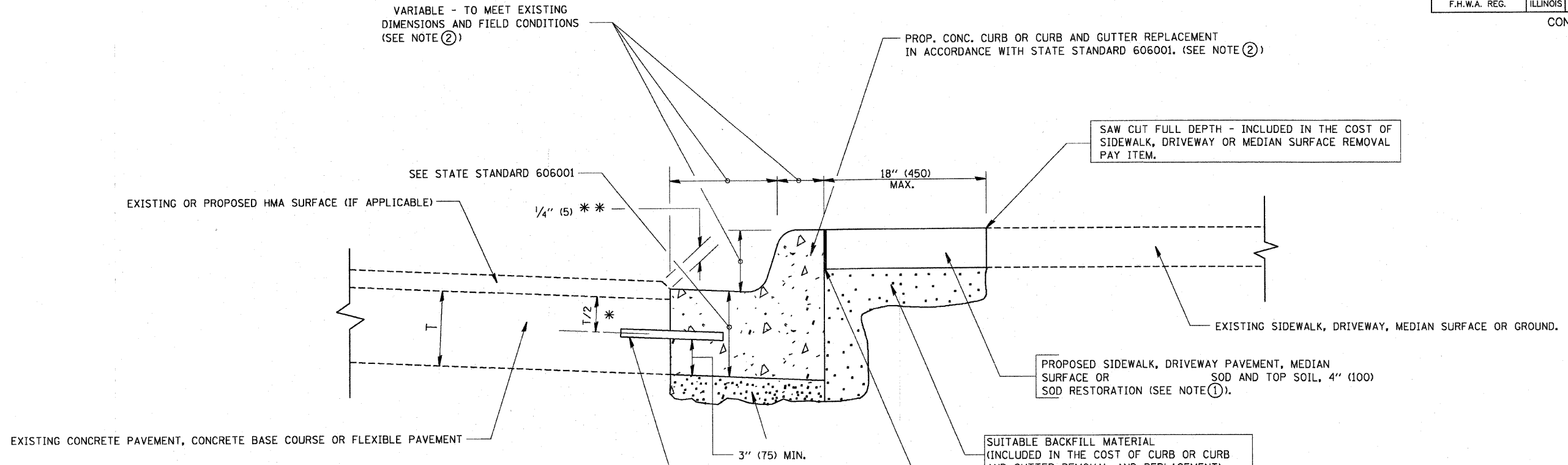
SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

PROJECT NO. 06212	SCALE NONE	SHEET 10
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	OF 14
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	SHEETS

REVISION DATE: 01/01/07

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	11
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(218)	

CONTRACT NO. 63291



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 - ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR "CURB & GUTTER REMOVAL" AND "COMBINATION CONCRETE CURB & GUTTER" OF THE TYPE INDICATED.

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


REVISIONS	
NO.	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE
HORIZ. NONE
DRAWN BY: JFP/JLC
CHECKED BY: JLC

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

PLOT DATE: 04/11/07
 FILE NAME: K:\projects\1704.dgn
 PLOT SCALE: 80000 / IN.
 USER NAME: bborod


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 Civil Engineers / Municipal Consultants
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 Illinois Professional Design Firm No. 184-000928

PROJECT: **VILLAGE OF HODGKINS, ILLINOIS**
63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

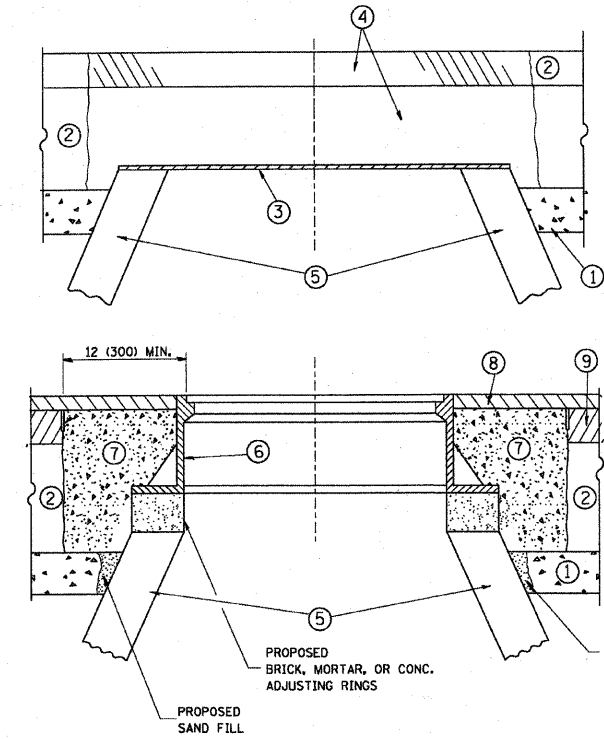
REVISIONS			
NO.	BY	DATE	DESCRIPTION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

PROJECT NO. 06212	SCALE NONE	SHEET 11 OF 14 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	12
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-9003(218)		

CONTRACT NO. 62291



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX 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 S1 CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE 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
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS S1 CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

NOTES:

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

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

WHEN STRUCTURES ARE TO BE ADJUSTED OR 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 CORRESPONDING PAY ITEM.

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: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/98
R. SHAH	03/10/99
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: VERT. NONE
HORIZ. NONE

DRAWN BY
CHECKED BY

BD600-03 (BD-8)

PLOT DATE: 3/16/2007
 FILE NAME: K:\projects\110908.dgn
 PLOT SCALE: DB:8000 / 1" = 100'
 USER NAME: baward

Frank Novotny & Associates, Inc.
 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132
 Civil Engineers / Municipal Consultants
 Illinois Professional Design Firm No. 184-000928

PROJECT: VILLAGE OF HODGKINS, ILLINOIS
 63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

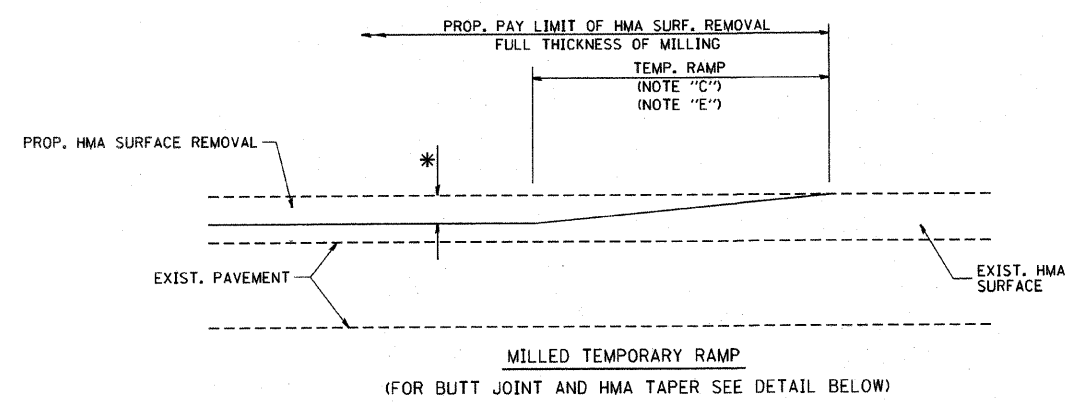
REVISIONS			
NO.	BY	DATE	DESCRIPTION

DETAILS FOR FRAMES AND LIDS ADJUSTMENTS WITH MILLING

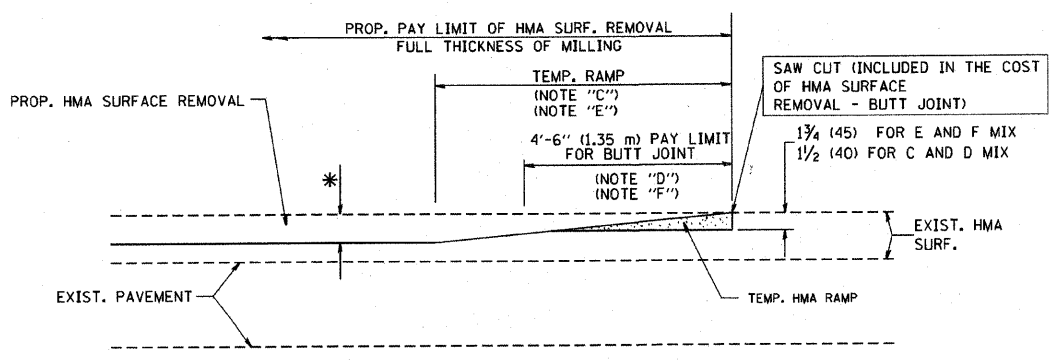
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DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	OF 14
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	13
F.H.W.A. REG.		ILLINOIS PROJECT	ARA-9003(218)	

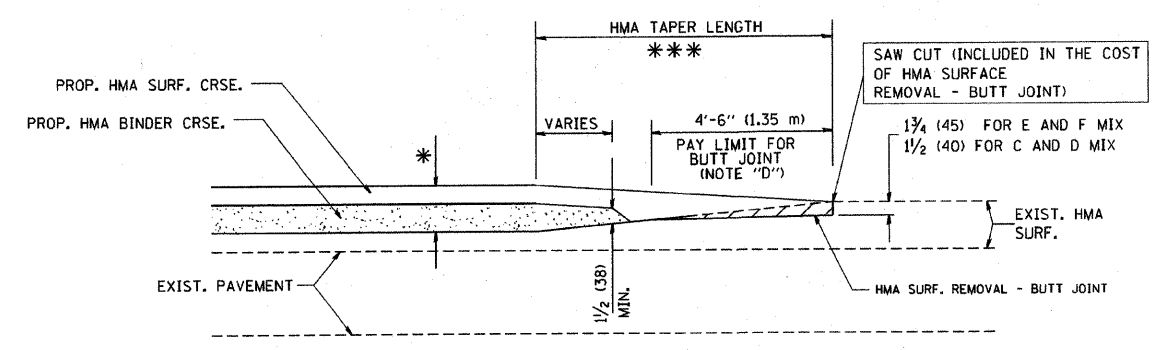
CONTRACT NO. 63291



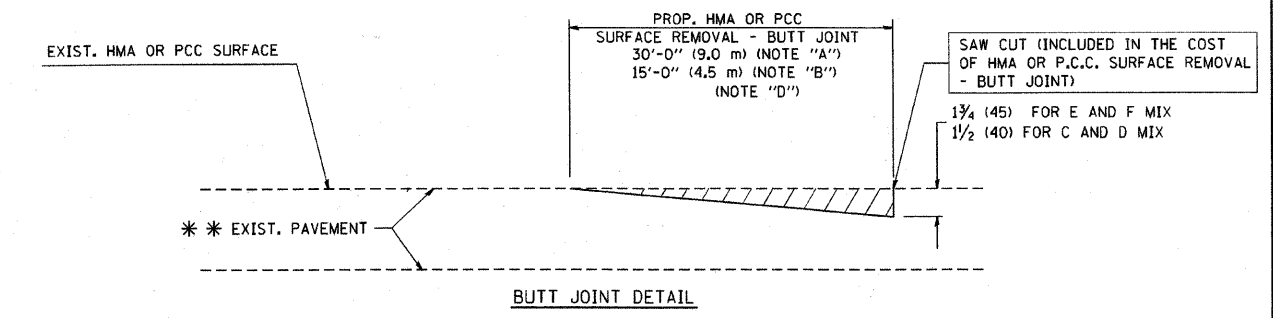
OPTION 1



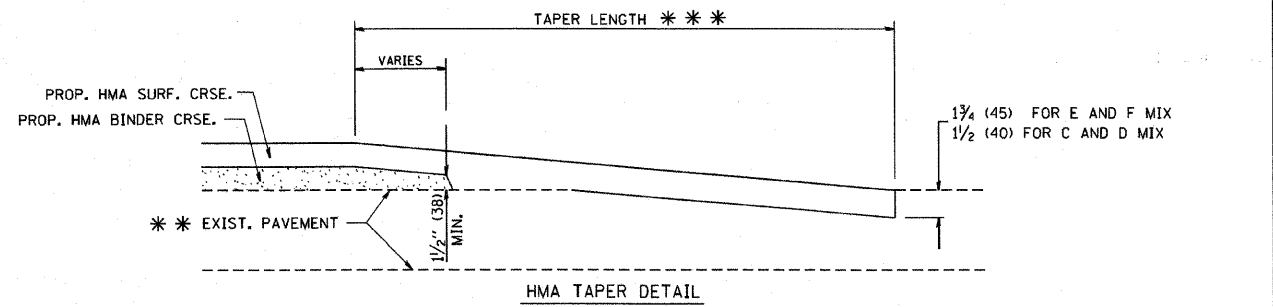
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORD	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
HORIZ. NONE
DRAWN BY
CHECKED BY
BD400-05 (V1-BD32)

PLOT DATE = 3/15/2007
 FILE NAME = K:\projects\bd32.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = bboard1

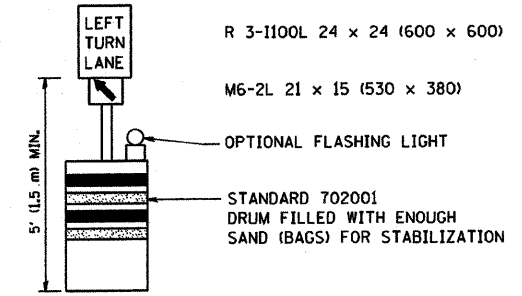
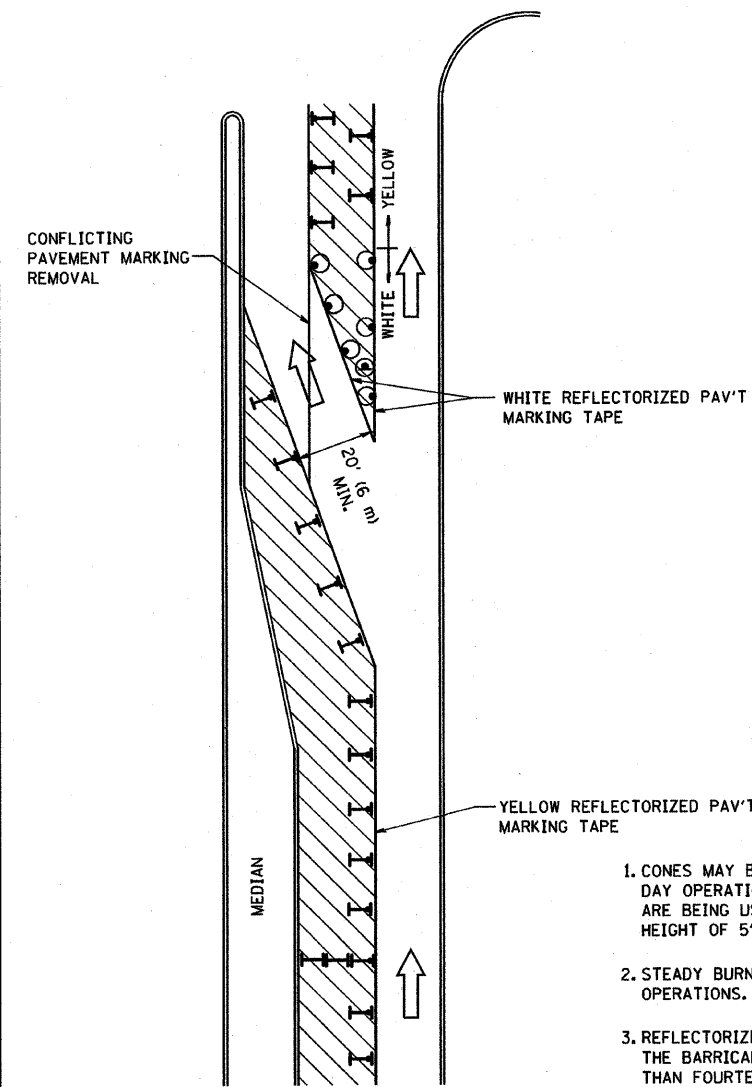
Frank Novotny & Associates, Inc.
 Civil Engineers/ Municipal Consultants
 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132
 Illinois Professional Design Firm No. 184-000928

PROJECT: VILLAGE OF HODGKINS, ILLINOIS
 63RD STREET PAVING
 LaGRANGE ROAD TO EAST AVENUE
 MFT SECTION NO. 09-00015-00-RS

REVISIONS			
NO.	BY	DATE	DESCRIPTION

BUTT JOINT AND HMA TAPER DETAILS

PROJECT NO. 06212	SCALE NONE	SHEET 13 OF 14 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE APR., 2008	
CHECKED/APPROVED JLC	FIELD BOOK NO. NONE	


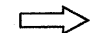






GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

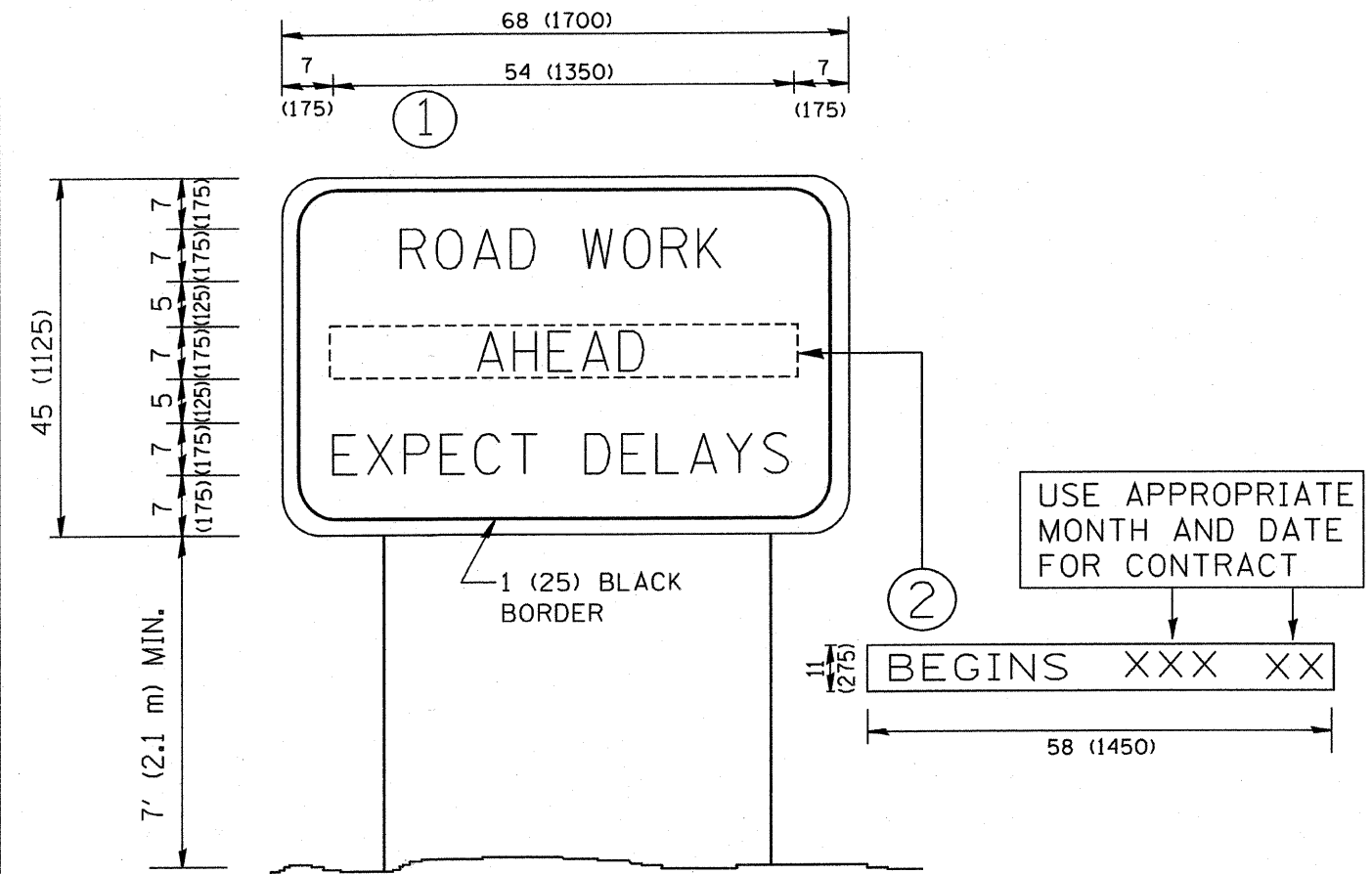
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = goglionobt	DESIGNED -	REVISED -T. RAMMACHER 09-08-94
W:\datatd\22x34\tcl4.dgn		DRAWN -	REVISED - A. HOUSEH 11-07-95
		CHECKED -	REVISED - A. HOUSEH 10-12-96
		DATE -	REVISED -T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1704	09-00015-00-RS	COOK	14	14a
TC-14			CONTRACT NO. 63291	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT ARA-9003(218)				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = W:\stata\22x34\to22.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		1704	09-00015-00-RS	COOK	14	14b			
PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99	TC-22		CONTRACT NO. 63291			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(218)				
	DATE -	REVISED - C. JUCIUS 01-31-07	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					