

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	09-00046-00-SW	WILL	7	1
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT ARA-9003(362)	

CONTRACT #63260

INDEX OF SHEETS

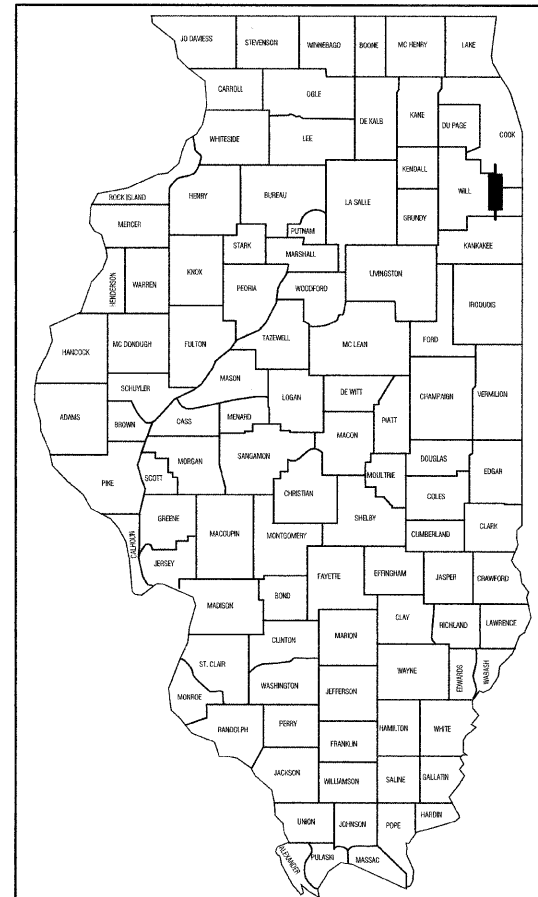
- COVER SHEET
- SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTIONS
- PLAN AND PROFILE
- 6. CROSS SECTIONS
- CONSTRUCTION DETAILS

HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 602301-02 INLET - TYPE A
- 604036-02 GRATE TYPE 8
- 606001-04 CONCRETE CURB & COMBINATION CONCRETE CURB & GUTTER
- 701006-03 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-01 TYPICAL PAVEMENT MARKINGS

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

**RATHJE ROAD (FAU 4304) SIDEWALK EXTENSION
CORNING AVE. TO NORTH STREET
PROJECT: ARA-9003(362)
SECTION NO.: 09-00046-00-SW
JOB NO.: C-91-677-09
VILLAGE OF PEOTONE
WILL COUNTY**



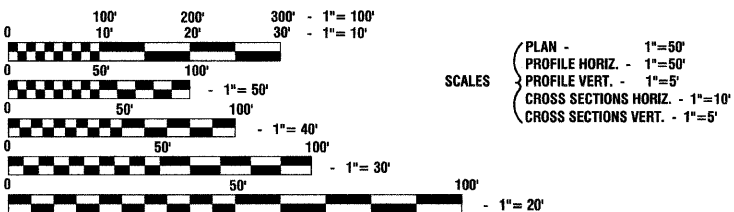
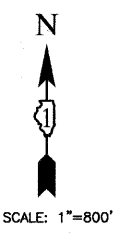
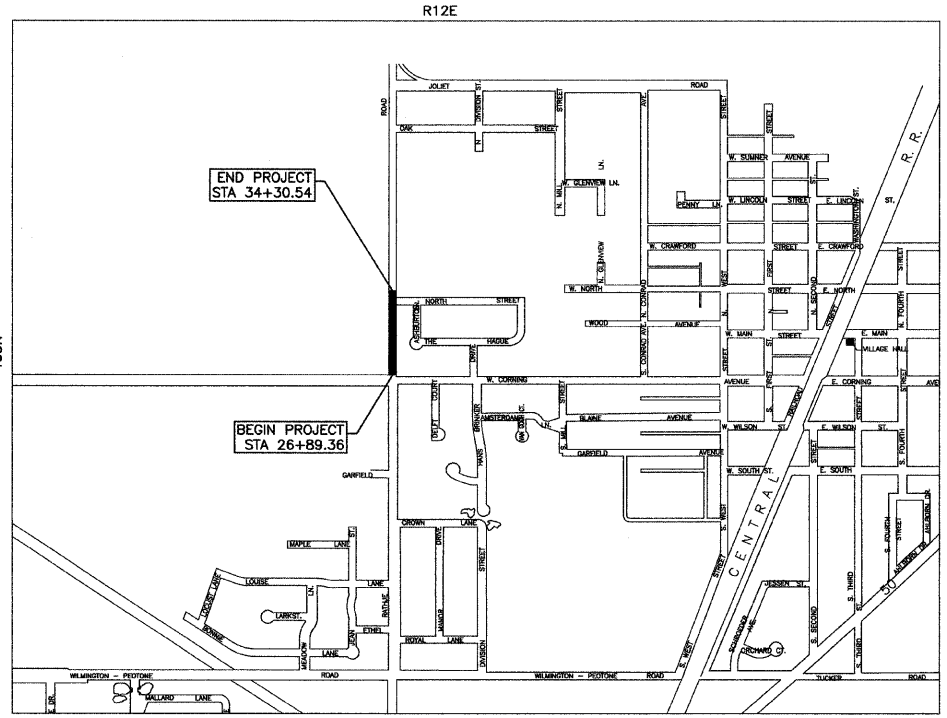
LOCATION OF SECTION INDICATED THIS: - [rectangle] -

DESIGN DESIGNATION - RATHJE ROAD ADT 7,000 (2030) - COLLECTOR
PV=6,650 SU=280 MU=70

2005 ADT - 2,000
2030 ADT - 7,000

EXISTING SPEED LIMIT - 30 MPH
PROPOSED SPEED LIMIT - 30 MPH

DESIGN PERIOD - 20 YEARS
DESIGN SPEED LIMIT - 35 MPH
STREET CLASSIFICATION - CLASS II ROAD



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.

J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1 - 800 - 892 - 0123 or 811

CONTRACT NO. 63260

PROJECT LOCATION

GROSS LENGTH = 741.18 FEET = 0.14 MILES
NET LENGTH = 741.18 FEET = 0.14 MILES

PRINTED BY THE AUTHORITY OF
THE STATE OF ILLINOIS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: *[Signature]*
Village of Peotone - President
Local Agency Position

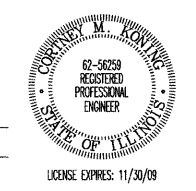
Passed: SEPTEMBER 1, 2009
[Signature]
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: SEPTEMBER 1, 2009
[Signature]
Deputy Director of Highways, Region 1 Engineer

DESCRIPTION OF IMPROVEMENT
THIS IMPROVEMENT CONSISTS OF EARTH EXCAVATION, SIDEWALK, LANDSCAPING, AND ALL INCIDENTAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

[Signature]
8/17/09



LICENSE EXPIRES: 11/30/09

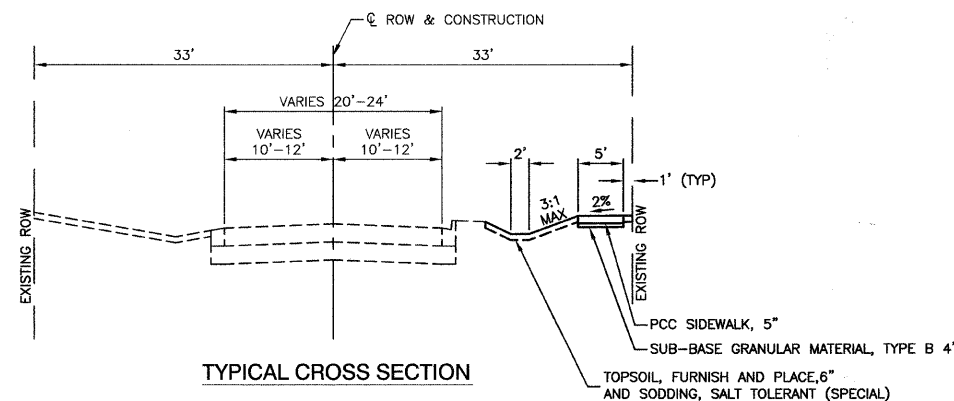
FIELD ENGINEER: MELCHOR MANGOBA 847-705-4408
CONSULTANTS: ROBINSON ENGINEERING, LTD. 815-806-0300

SUMMARY OF QUANTITIES					
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	SFTY-1B
	20200100	EARTH EXCAVATION	CU YD	306	306
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	837	837
	25200650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	837	837
	28000300	TEMPORARY DITCH CHECKS	EACH	1	1
	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	379	379
	42001300	PROTECTIVE COAT	SQ YD	379	379
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3408	3408
	42400800	DETECTABLE WARNINGS	SQ FT	16	16
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	20	20
	60236200	INLETS, TYPE A, TYPE B GRATE	EACH	1	1
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	20	20
	67100100	MOBILIZATION	L SUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	229	229
	XX003503	FLARED END SECTION REMOVAL	EACH	1	1

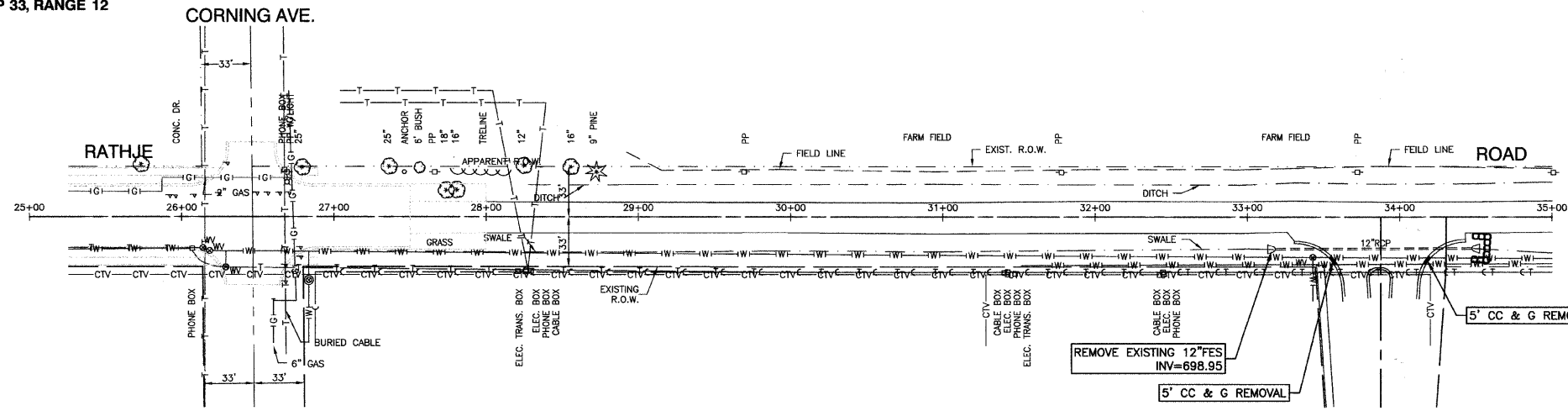
* - INDICATES SPECIALTY ITEMS

GENERAL NOTES

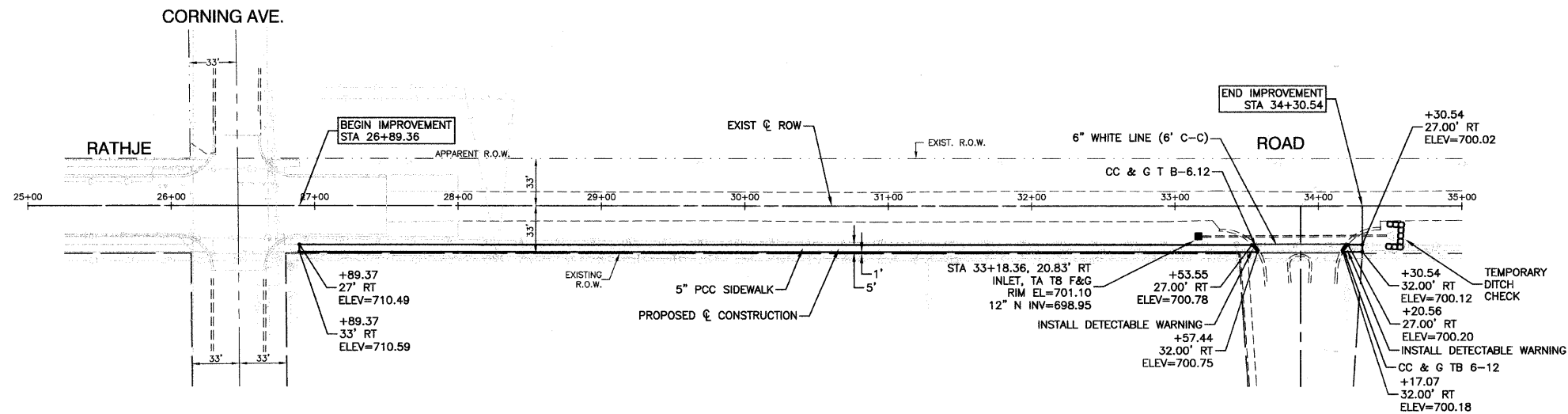
1. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
2. ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. WHEN, IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE SHOWN ON THE PLANS. HOWEVER, THE DEPARTMENT DOES NOT GUARANTEE ITS ACCURACY. PRIOR TO COMMENCING OPERATIONS ON THE PROJECT WHICH MAY IN ANY WAY CREATE THE POSSIBILITY OF INVOLVEMENT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY INVOLVED. ADJUSTMENT OF ALL PUBLIC UTILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT WILL BE DONE BY THE RESPECTIVE OWNERS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCE CAUSED BY THESE ADJUSTMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATION BEFORE STARTING CONSTRUCTION OPERATIONS.
5. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
6. THE CONTRACTOR SHALL CONTACT ROBINSON ENGINEERING (708) 331-6700, AND THE VILLAGE OF PEOTONE (708) 258-3279 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. ALL PAVEMENT, CURB AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF STRAIGHT SAW CUT JOINT. THE COST FOR SAW CUTTING SHALL BE INCIDENTAL TO THE CONTRACT.
8. CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2007, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.



FILE NAME = 08322-QUAN-01 - P01	USER NAME =	DESIGNED - CMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES, GENERAL NOTES AND TYPICAL CROSS SECTION	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - CMK	REVISED -			4304	08-00046-00-SW-	WILL	7	2	
	PLOT SCALE =	DRAWN - AG	REVISED -			CONTRACT NO. 63260					
	PLOT DATE = 08-06-09	CHECKED - AG	REVISED -			SCALE: NA	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(362)



EXISTING CONDITIONS



PROPOSED IMPROVEMENTS

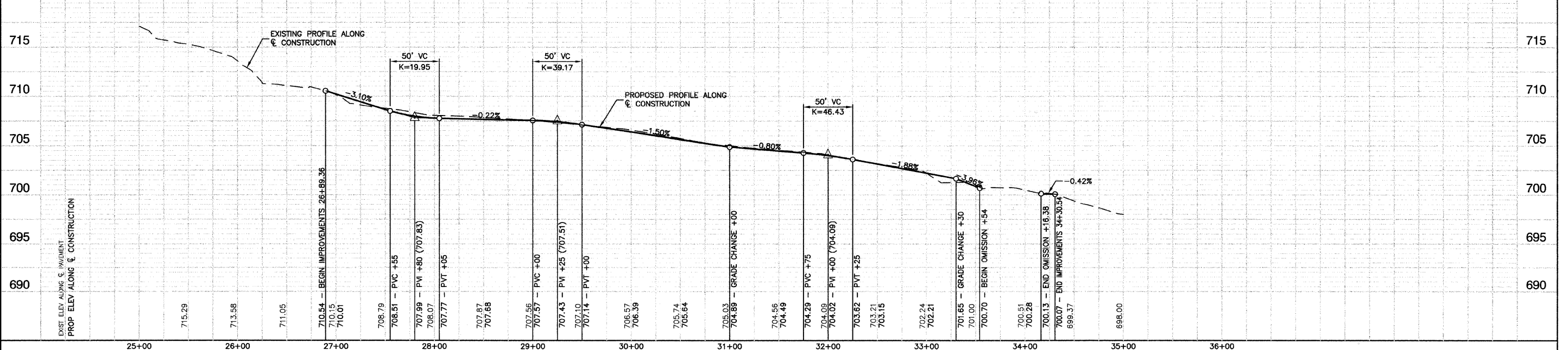


LEGEND

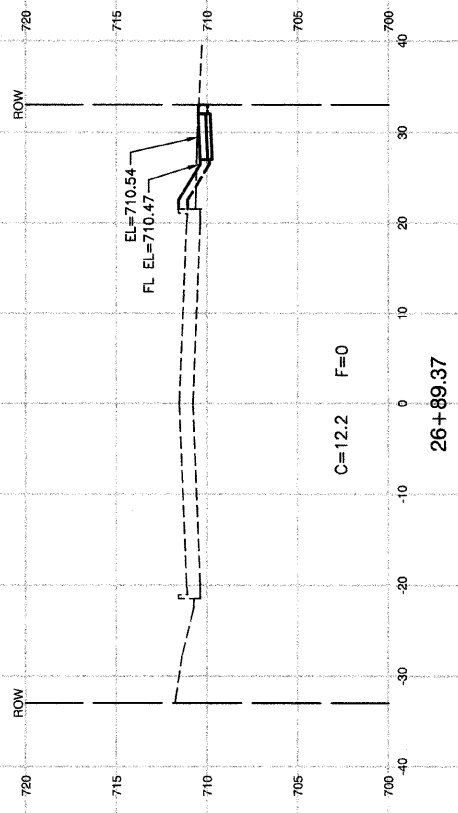
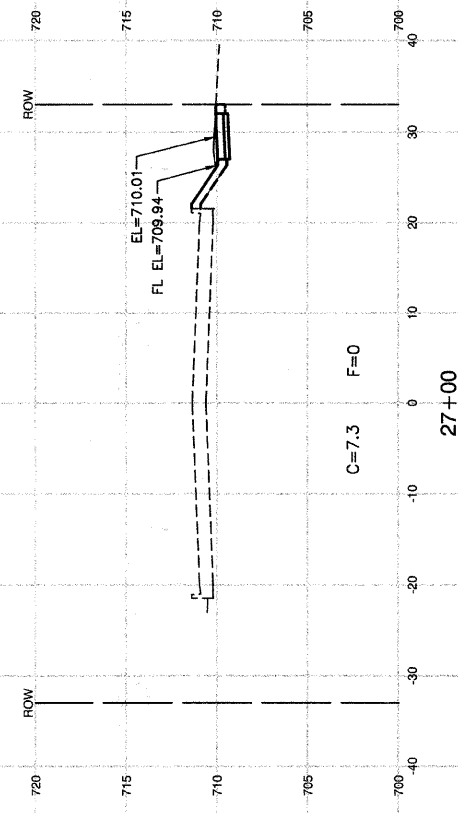
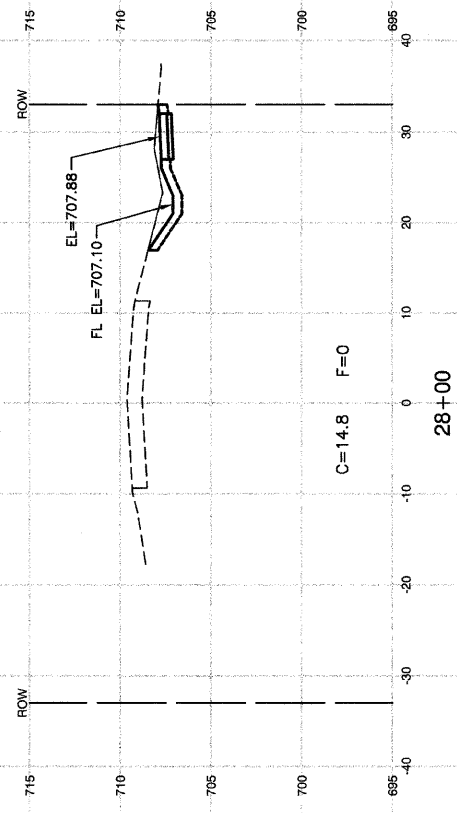
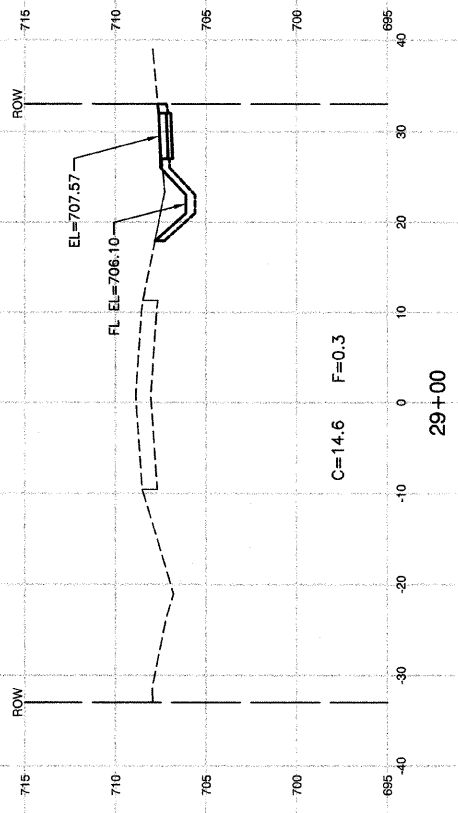
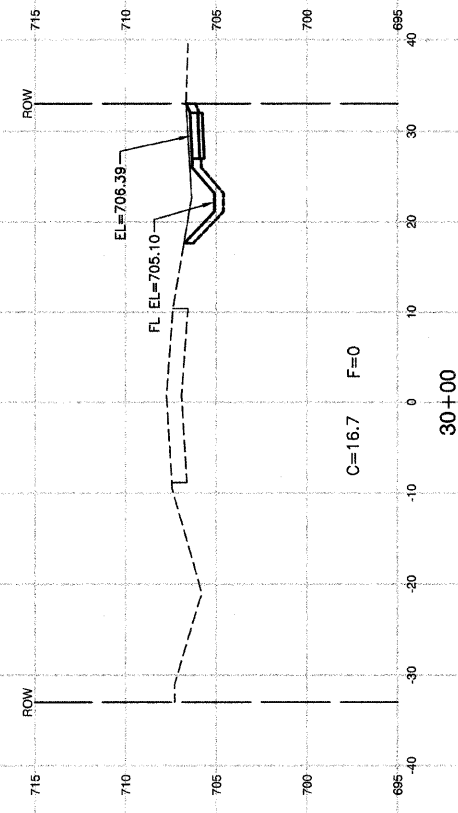
- CONC. CURB AND GUTTER REMOVAL
- ▣ SIDEWALK REMOVAL

- NOTE:
1. P.C.C. SIDEWALK SHALL BE 6" THICK THRU ALL DRIVEWAYS.
 2. ALL P.C.C. SIDEWALK SHALL BE 5' WIDE EXCEPT WHERE SHOWN ON PLANS.
 3. ALL CURB RAMP FOR SIDEWALK SHALL INCLUDE DETECTABLE WARNINGS AND DEPRESSED CURB PER CURRENT HIGHWAY STANDARDS.
 4. OFFSETS ARE NOTED FROM CL OF CONSTRUCTION.

BENCH MARK:
 BENCH MARK #26
 R.R. SPIKE IN SOUTH FACE OF POWER POLE, 1ST PP
 EAST OF RATHJE RD., NORTH SIDE CORNING AVE.
 ELEVATION=711.24



FILE NAME = 0822-PLAN 01 - P01	USER NAME =	DESIGNED - CMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RATHJE ROAD SIDEWALK EXTENSION CORNING AVE. TO NORTH ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=50'	CHECKED - CMK	REVISED -		SCALE: H 1"=50' V 1"=5'	4304	09-00046-00-SW	WILL	7	3
	PLOT DATE = 08-06-09	DRAWN - AG	REVISED -		SHEET NO. 3 OF 7 SHEETS	STA.	CONTRACT NO. 63260			
		CHECKED - AG	REVISED -		TO STA.	FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT ARA-9003(362)



FILE NAME = 09022-XSCT-01 - X01

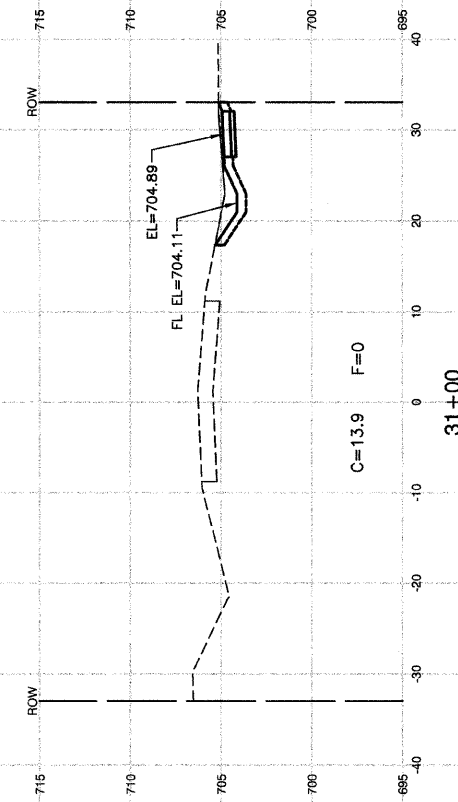
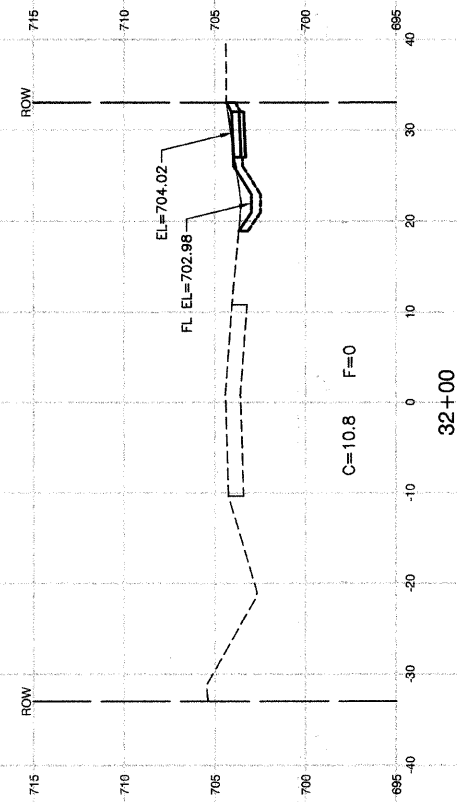
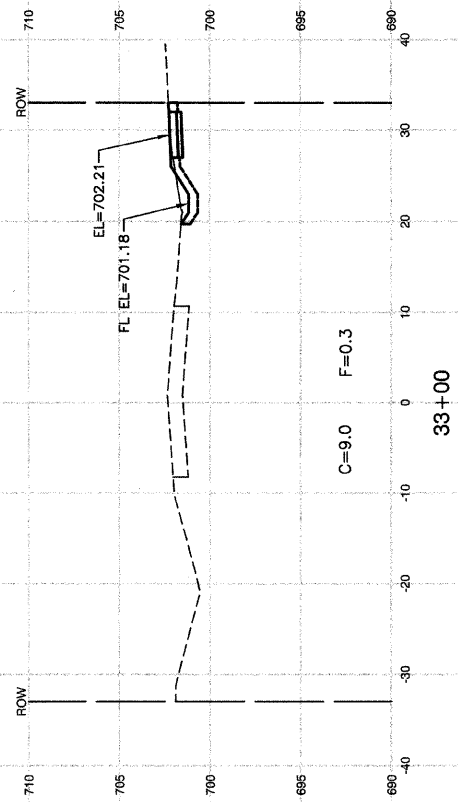
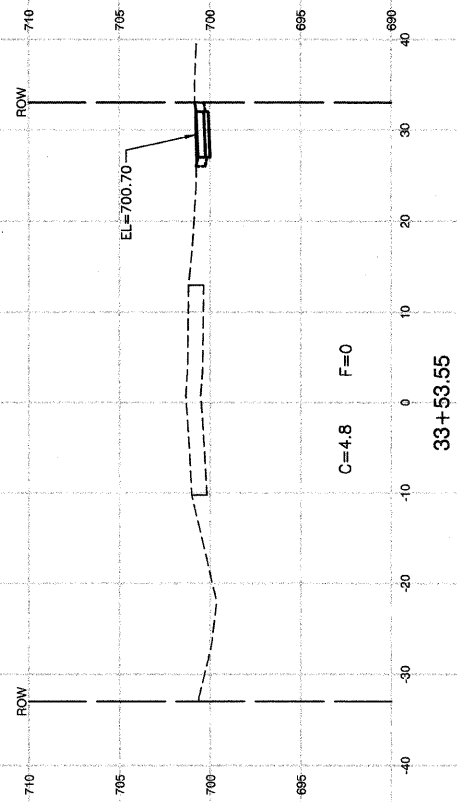
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PLOT SCALE =	DRAWN — AG	REVISED —
PLOT DATE = 08-06-09	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RATHJE ROAD SIDEWALK EXTENSION CROSS SECTIONS		F.A.U. RTE. 4304	SECTION 09-00046-00-SW	COUNTY WILL	TOTAL SHEETS 7	SHEET NO. 4
SCALE: H 1"=10' V 1"=5'		SHEET NO. 4 OF 7 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-9003(362)		

CONTRACT NO. 63260

NOTE: PROPOSED INLET
 @ STA. 33+18.36, 20.83*RT
 RIM EL=7101.10



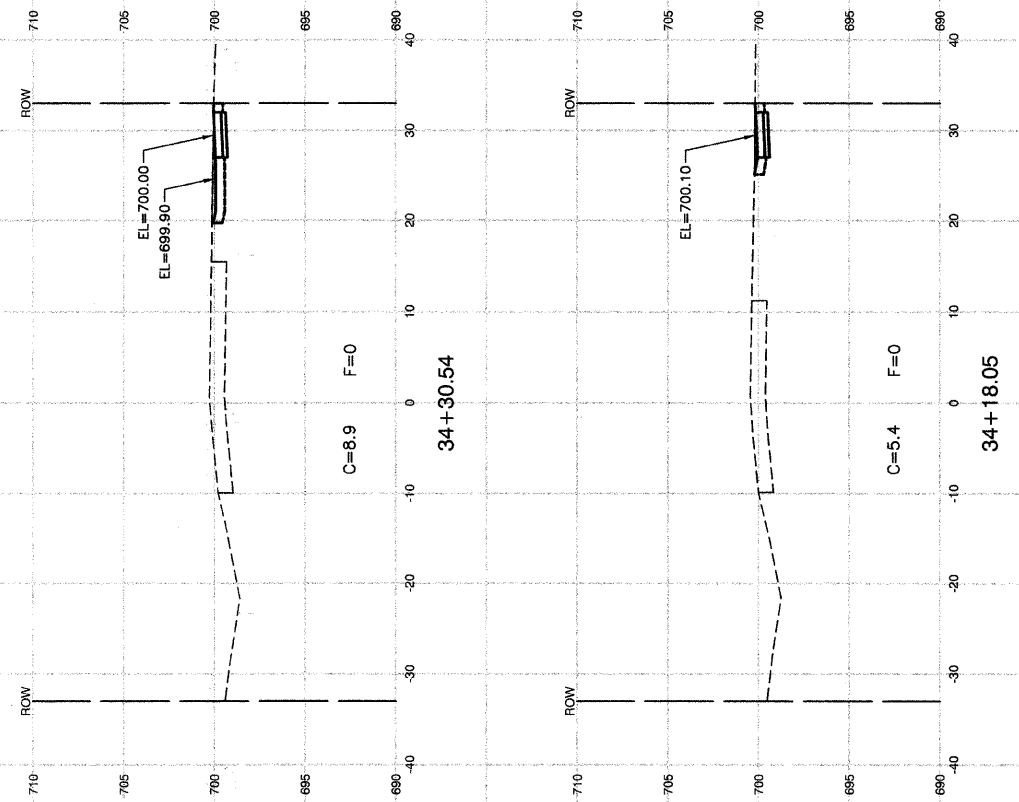
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PLOT SCALE =	DRAWN — AG	REVISED —
PLOT DATE = 08-06-09	CHECKED — AG	REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RATHJE ROAD
 SIDEWALK EXTENSION
 CROSS SECTIONS
 SCALE: H 1"=10' V 1"=5' SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	09-00046-00-SW	WILL	7	5
CONTRACT NO. 63260				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(362)				



FILE NAME = 09322-XSCT-01 - X03

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	CHECKED — CMK	REVISED —
PLOT SCALE =	DRAWN — AG	REVISED —
PLOT DATE = 08-06-09	CHECKED — AG	REVISED —

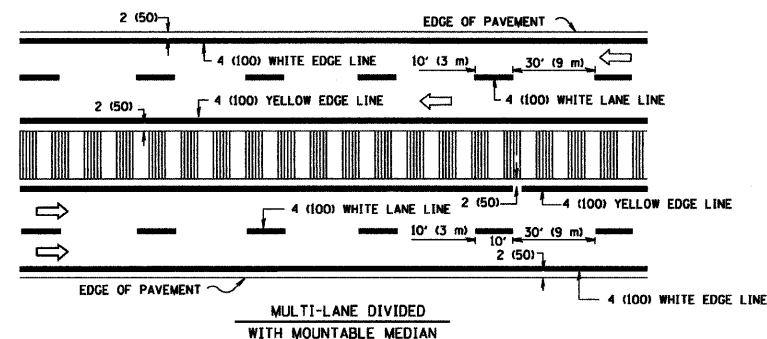
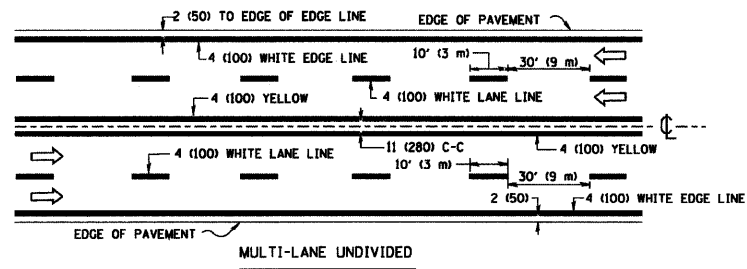
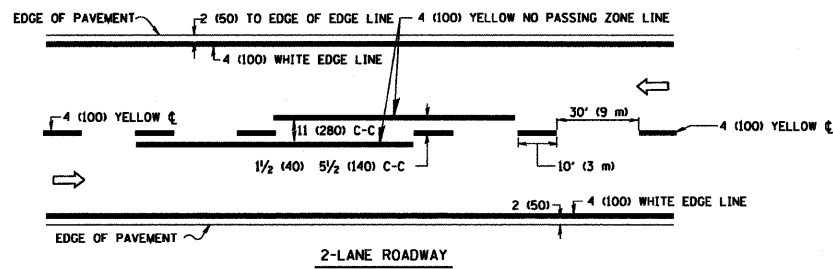
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RATHJE ROAD
SIDEWALK EXTENSION
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5'

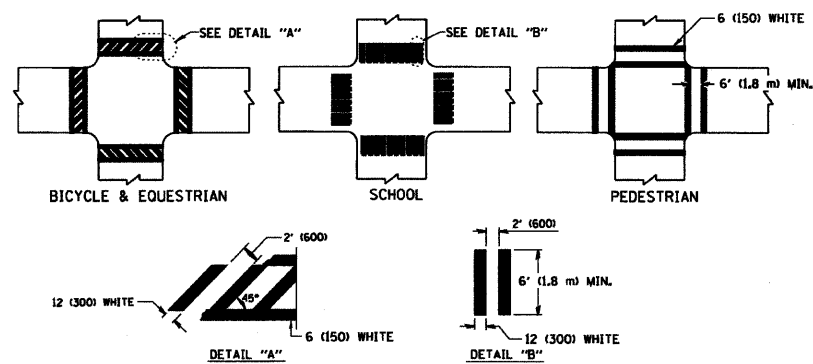
SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	09-00046-00-SW	WILL	7	6
CONTRACT NO. 63260				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(362)				

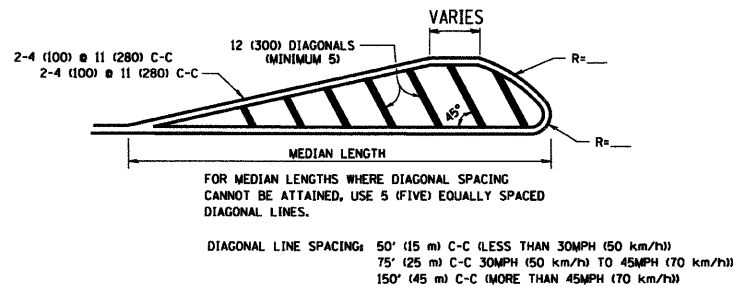
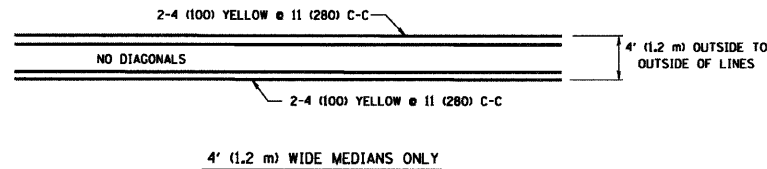


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

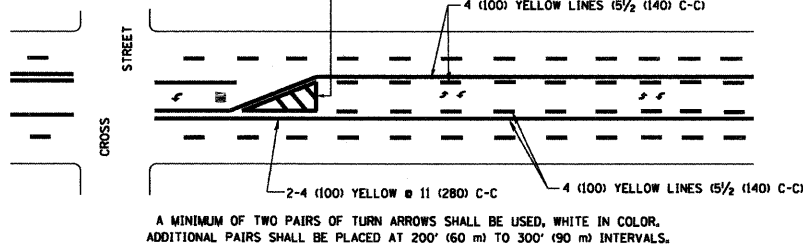
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

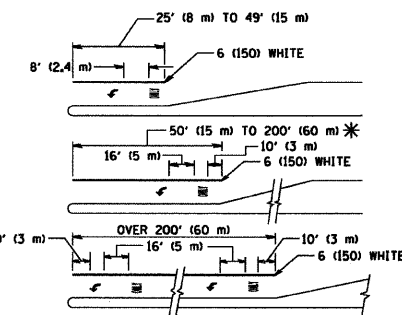


MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

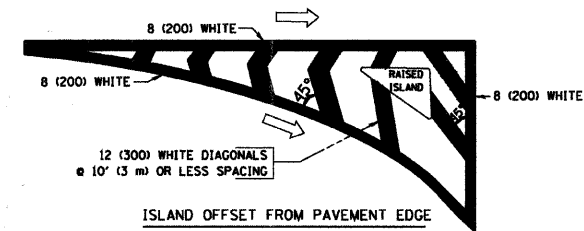
MEDIAN WITH TWO-WAY LEFT TURN LANE



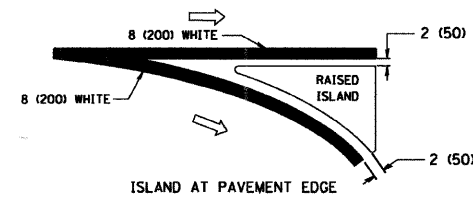
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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 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" IS 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.

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

FILE NAME = 09022-QUAN-01 - D01

USER NAME =	DESIGNED --	REVISED --
PLOT SCALE =	CHECKED --	REVISED --
PLOT DATE =	DRAWN --	REVISED --
	CHECKED --	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
TYPICAL PAVEMENT MARKING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4304	09-00046-00-SW	WILL	7	7
CONTRACT NO. 63260				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(362)				

SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.