#### INDEX OF SHEETS

- 1 COVER SHEET, INDEX OF SHEETS, LOCATION MAP INDEX OF STATE STANDARDS
- 2 SUMMARY OF QUANTITIES
- 3 TYPICAL CROSS SECTIONS & GENERAL NOTES

**STATE STANDARDS** 

**CURB RAMPS FOR SIDEWALKS** 

URBAN LANE CLOSURE, 2L, 2W UNDIVIDED

CLASS C AND D PATCHES

OR SIDEWALK CLOSURE
TRAFFIC CONTROL DEVICES

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

URBAN LANE CLOSURE, MULTILANE INTERSECTION

LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK

CONCRETE CURB AND COMBINATION CONCRETE CURB & GUTTER

- 4 SIDEWALK PLAN
- 5-8 CROSS SECTIONS

000001-05

424001-05

442201-03

606001-04

701501-05

701701-06

701801-04

701901-01

9-11 IDOT DISTRICT 1 DETAILS

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**FAU 1585 119TH STREET** 

**KOSTNER AVENUE (FAU 2403) TO PULASKI ROAD (FAU 2812)** 

**SIDEWALK CONSTRUCTION** 

PROJECT: M-9003 (085)

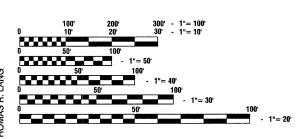
**SECTION NO.: 08-00085-00-SW** 

JOB NO.: C-91-014-09

VILLAGE OF ALSIP

COOK COUNTY

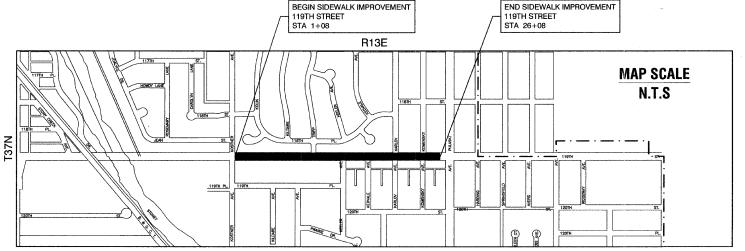




FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**CONTRACT NO. 63109** 



#### **LOCATION MAP**

- INDICATES PROPOSED IMPROVEMENT

GROSS LENGTH= 2,500 FEET = 0.48 MILES NET LENGTH= 2,500 FEET = 0.48 MILES 119TH STREET

ADT=3,000 (2007)

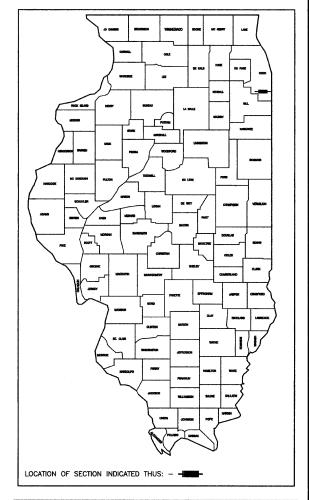
=3,250 (2030)

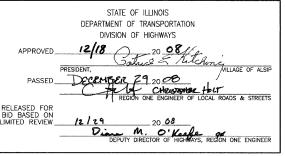
DESIGN SPEED=30 MPH

SPEED LIMIT=25 MPH



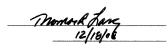
CONTRACT #63109





## PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:





SURVEYED PLOTTEN ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME



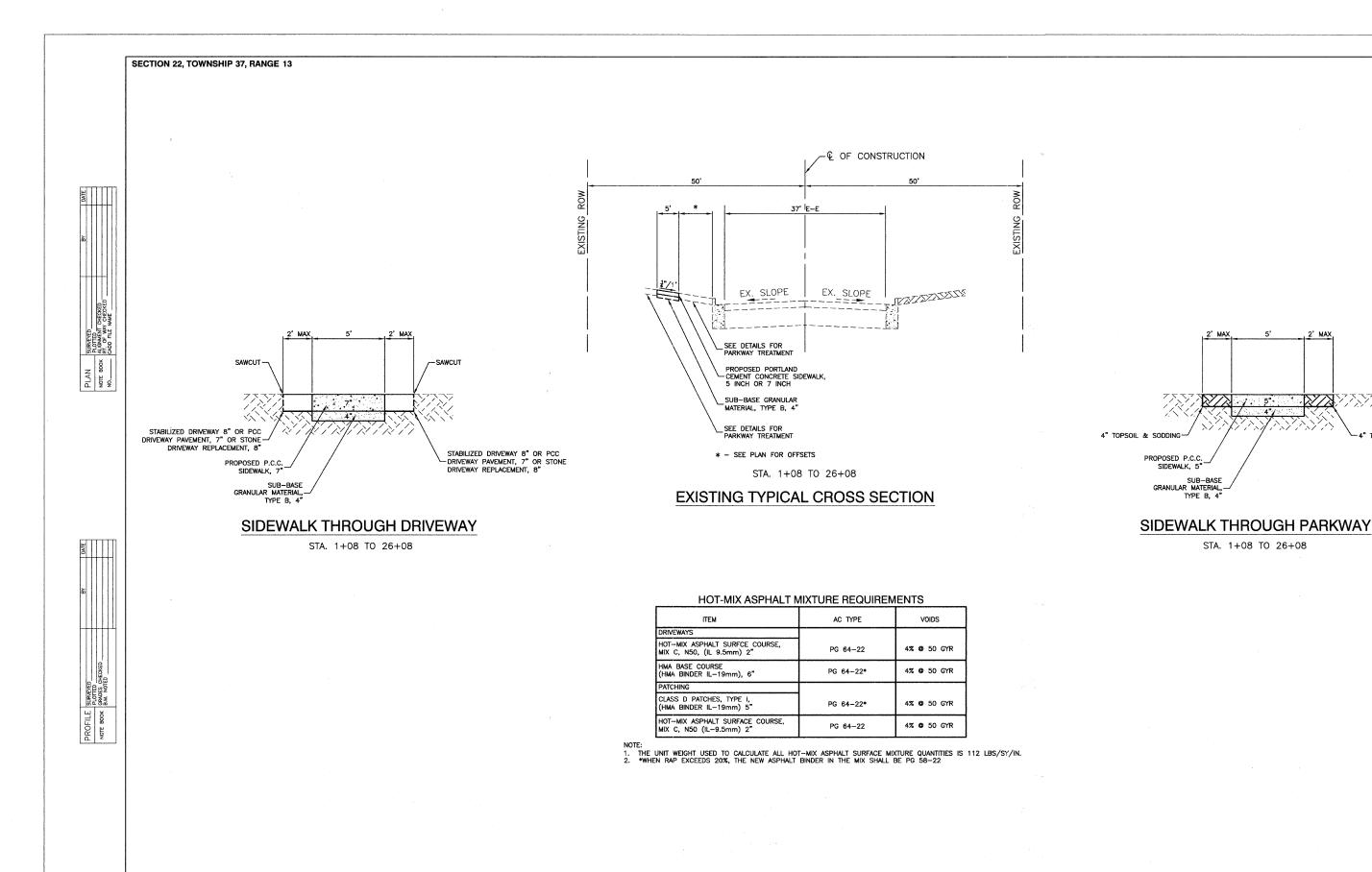
		SUMMARY OF QUANTITIES			PAVEMENT	MARKINGS	SIGNS	LANDSCAPE	LIGHTS	SIGNALS	TRAINING
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	SFTY-1B	SFTY-1D	CONSTR Y002-1C	Y003	Y030-1E	Y031	Y080
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	11117			3111 15	1002 10	1005	1030 12	1031	1000
		EARTH EXCAVATION	UNIT	30	30						
	20200100	TOPSOIL, FURNISH AND PLACE, 4"	CU YD	351	351						
	21101615	NITROGEN FERTILIZER NUTRIENTS	SQ YD	819	819						
	25000400	PHOSPHORUS FERTILIZER NUTRIENTS	POUND	10	/0						
	25000500	POTASSIUM FERTILIZER NUTRIENTS	POUND	10	10						
	25000600	SODDING	POUND	10	10						
	25200100	SUPPLEMENTAL WATERING	SQ YD	819	819						
	25200200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	UNIT	5	5						
	31101200	AGGREGATE FOR TEMPORARY ACCESS	SQ YD	1131	1131						
	40201000		TON	50	50		,				
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	7	7						
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9125	9125						
	42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	1050	1050						
	42400800	DETECTABLE WARNINGS	SQ FT	48	48						
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	140	140						
	44000600	SIDEWALK REMOVAL	SQ FT	335	335						
	44001700	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	30	30						
	44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	5	5						
	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	2						
	60255500	MANHOLES TO BE ADJUSTED	EACH	2	2						
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1						
	67100100	MOBILIZATION	L SUM	1	1						
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1							
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	. 1						
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1						
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	175	175	* p\$ 17% .					
	Z0066600	STABILIZED DRIVEWAYS 8"	SQ YD	56	56						
	X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	20	20						<b> </b>
	xx004848	STONE DRIVEWAY REPLACEMENT	SQ YD	31	31						

#### **GENERAL NOTES:**

- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTORS USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITIES INFORMATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 3. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- 4. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AND MAINTAIN ACCESS TO ALL PRIVATE PROPERTY DURING THE CONSTRUCTION PERIOD. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR CRUSHED STONE (TEMPORARY USE). IT HAS BEEN ESTIMATED THAT 2,000 TONS OF CRUSHED STONE (TEMPORARY USE) WILL BE NEEDED FOR THIS IMPROVEMENT. THIS ESTIMATED QUANTITY IS GYEVEN FOR THE BIDDER'S INFORMATION ONLY AND THE COUNTY TAKES NO RESPONSIBILITY FOR ITS ACCURACY. THE APPLICATION SHALL CONFORM TO THE SPECIAL PROVISION FOR CRUSHED STONE (TEMPORARY USE).
- 5. SODDING: ALL DISTURBED AREAS INDICATED ON LANDSCAPING PLANS (SHEETS 75-91) TO BE SODDED, SHALL INCLUDE FERTILIZER NUTRIENTS AND SUPPLEMENTAL WATERING, SUPPLEMENTAL WATERING WHICH IS TO BE USED AFTER THE INITIAL WATERING (AS SPECIFIED AND AS DIRECTED BY THE ENGINEER) SHALL BE APPLIED AT THE RATE OF 10 GALLONS PER SQUARE YARD OF SODDING. SODDED SLOPES WHICH ARE 2:1 OR STEEPER SHALL BE STAKED. PROVIDE A THREE FOOT (3') SODDED STRIP AROUND CATCH BASINS IN SEEDED AREAS.
- BEFORE ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 7. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF ALSIP.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2)
  WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE. USE
  ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- 9. 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.

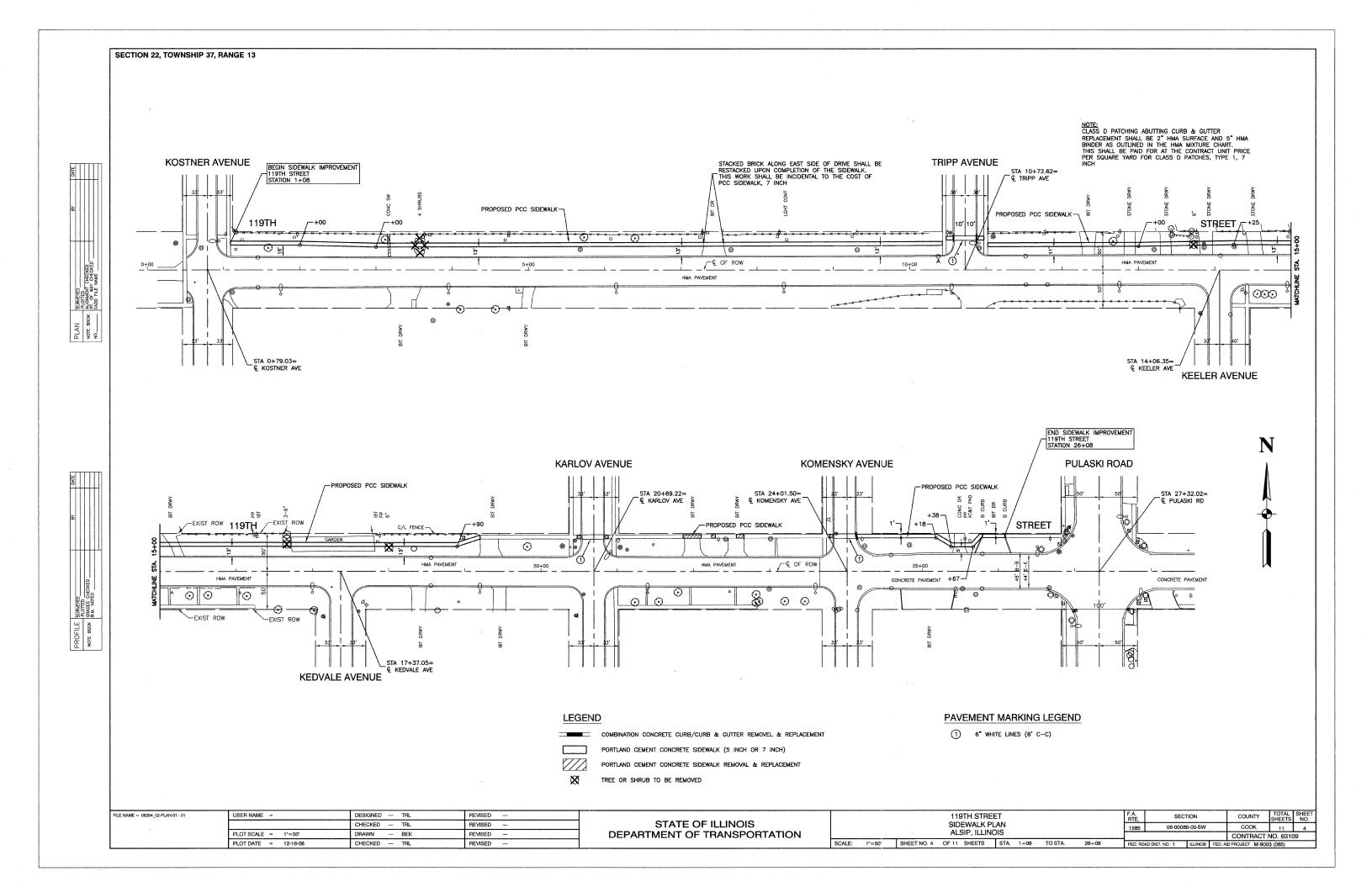
FILE NAME == 08294_02-QUAN-01 - IDOT P01	USER NAME =	DESIGNED TRL	REVISED		119TH STREET	F.A.	SECTION	COUNTY	TOTAL SI	EET
		CHECKED TRL	REVISED	STATE OF ILLINOIS	QUANTITIES	1505	08-00085-00-SW	соок	SHEETS!	<u>.0.</u>
	PLOT SCALE = N/A	DRAWN — MJD	REVISED	DEPARTMENT OF TRANSPORTATION	ALSIP, ILLINOIS	1365	00-00003-00-011	CONTRACT	NO 63109	2
	PLOT DATE = 12-16-08	CHECKED — TRL		SCALE: N/A SHEET NO. 2 OF 11 SHEETS STA. 1+08 TO STA. 26+08	FED. ROAD DIST.	NO. 1 ILLINOIS FED. A	ND PROJECT M-900			

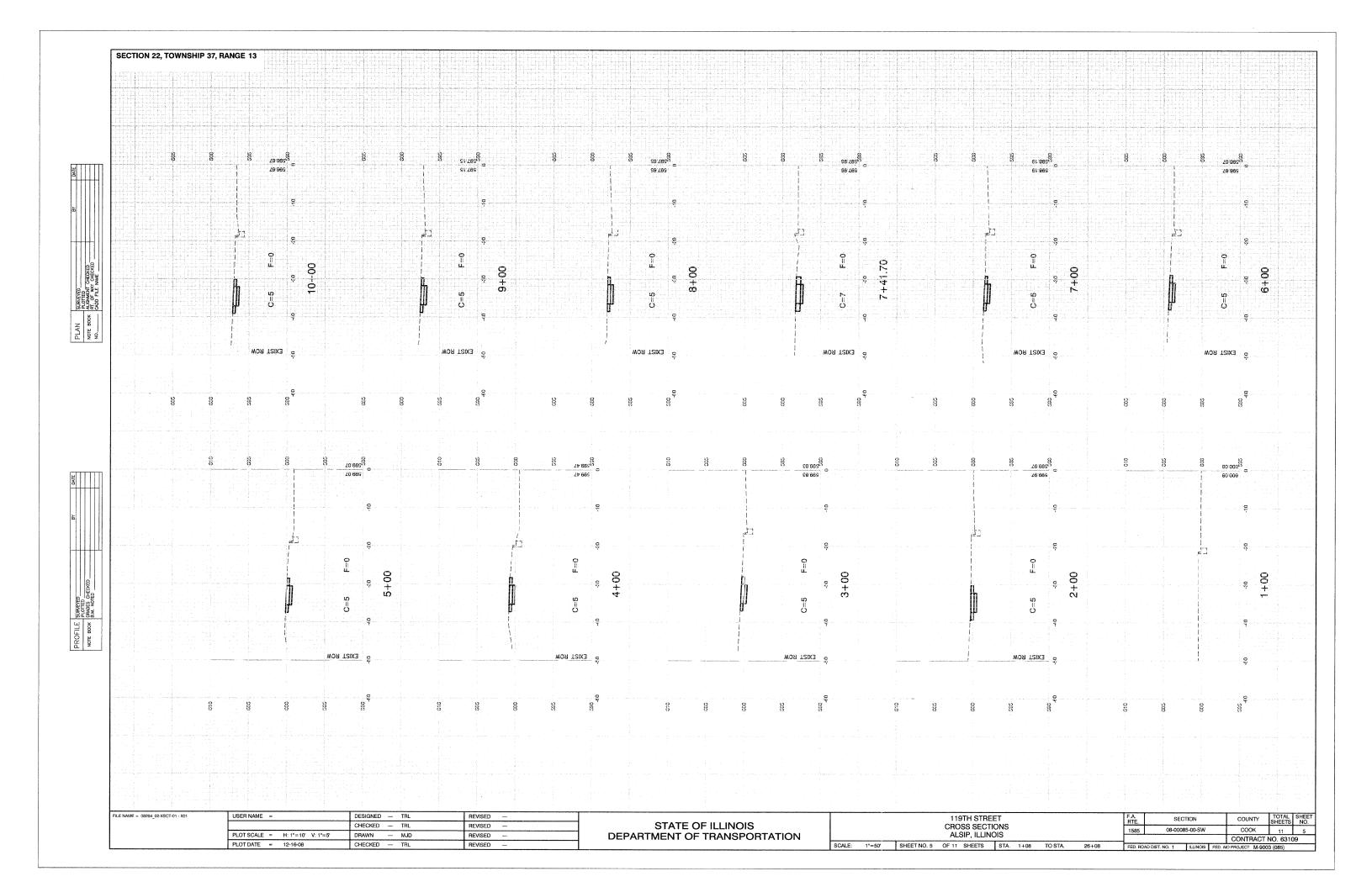
\* - INDICATES SPECIALTY ITEMS

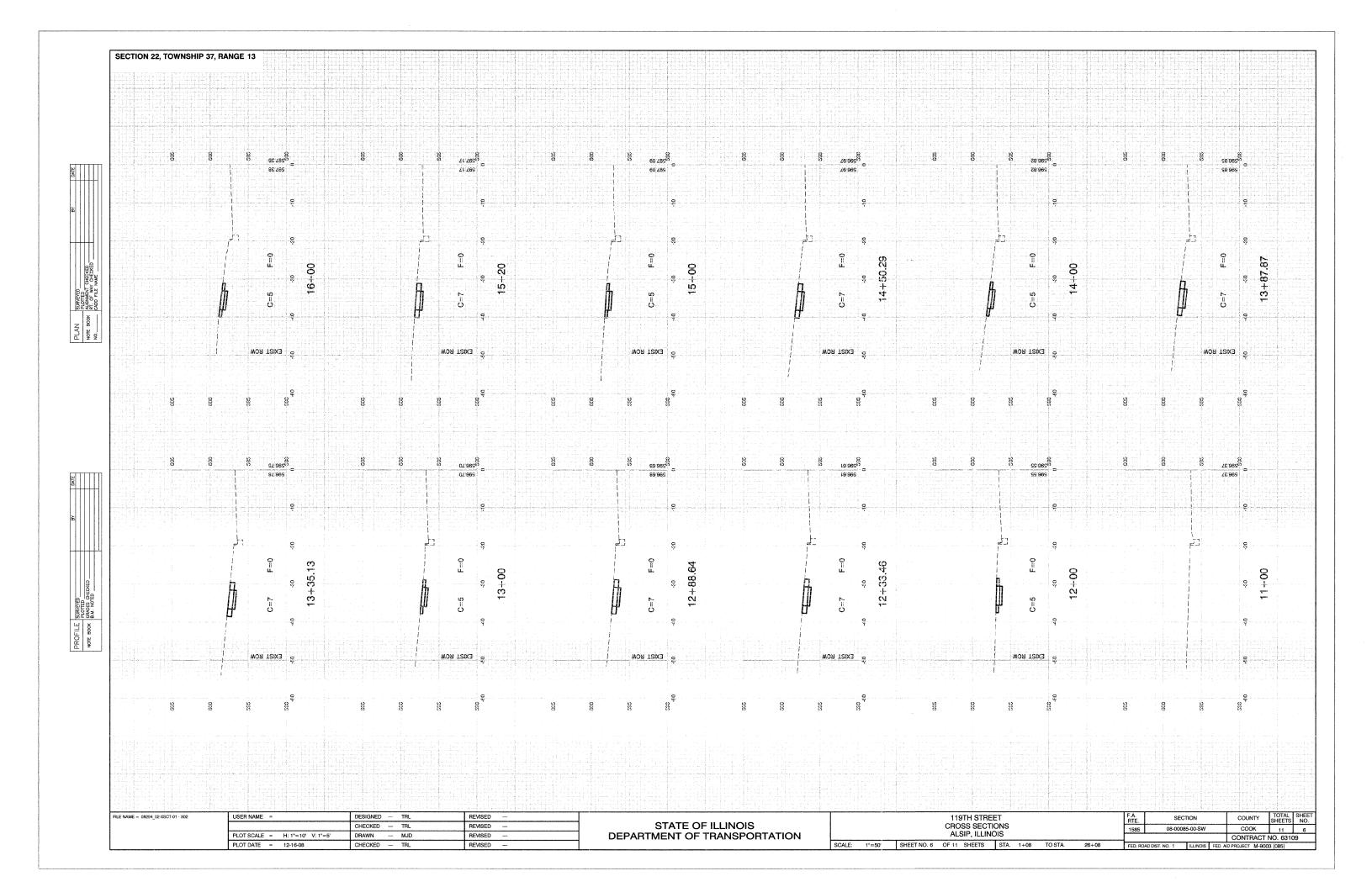


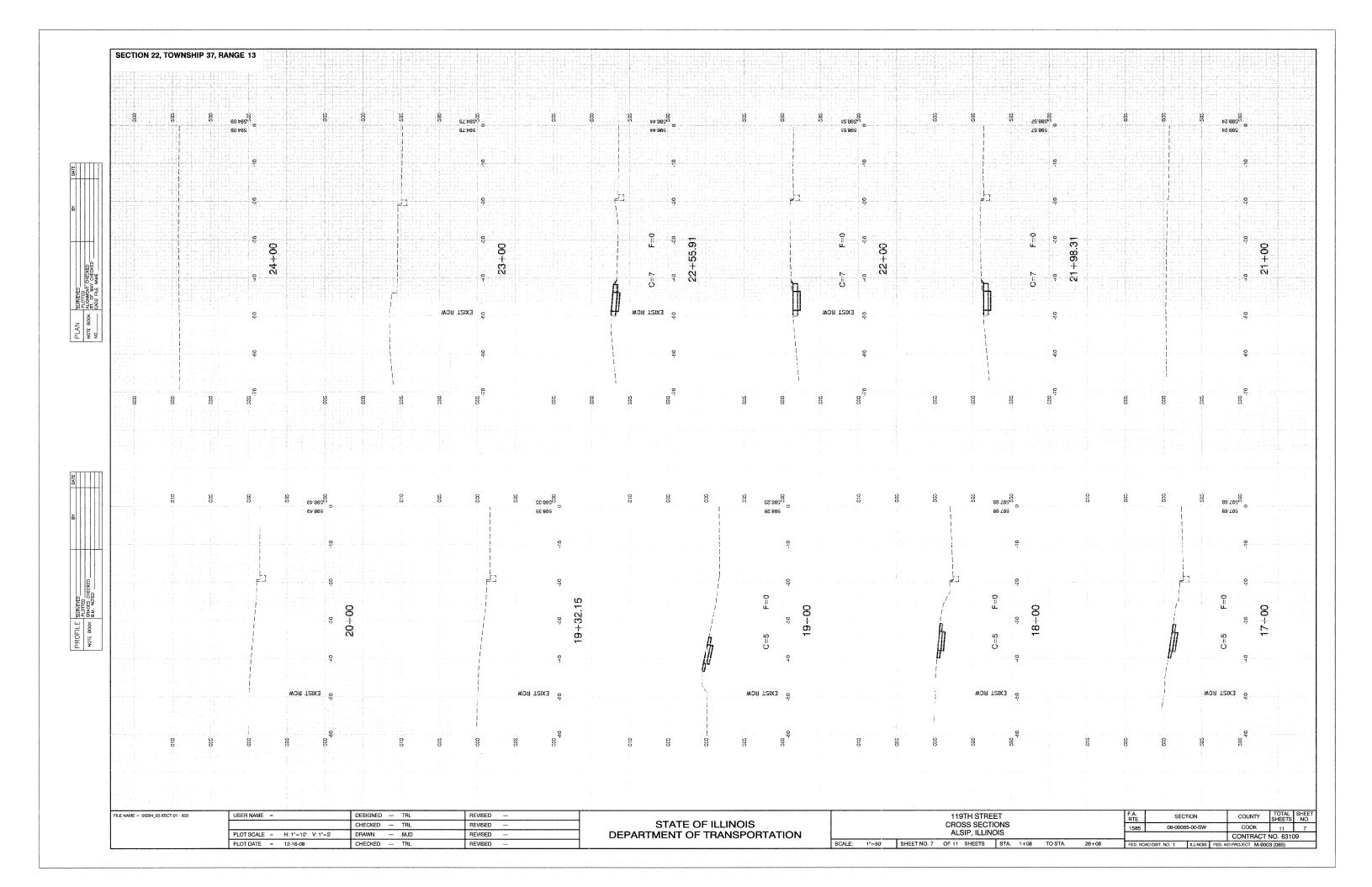
COUNTY TOTAL SHEET NO. COOK 11 3 FILE NAME = 08294\_02-TYPX-01 - P01 USER NAME = DESIGNED - TRL REVISED -119TH STREET SECTION COUNTY CHECKED - TRL STATE OF ILLINOIS TYPICAL CROSS SECTIONS REVISED ---**DEPARTMENT OF TRANSPORTATION** PLOT SCALE = N/A DRAWN -- MJD REVISED -CONTRACT NO. 63109 SCALE: N/A SHEET NO. 3 OF 11 SHEETS STA. 1+08 TO STA. 26+08 PLOT DATE = 12-16-08 CHECKED - TRL REVISED

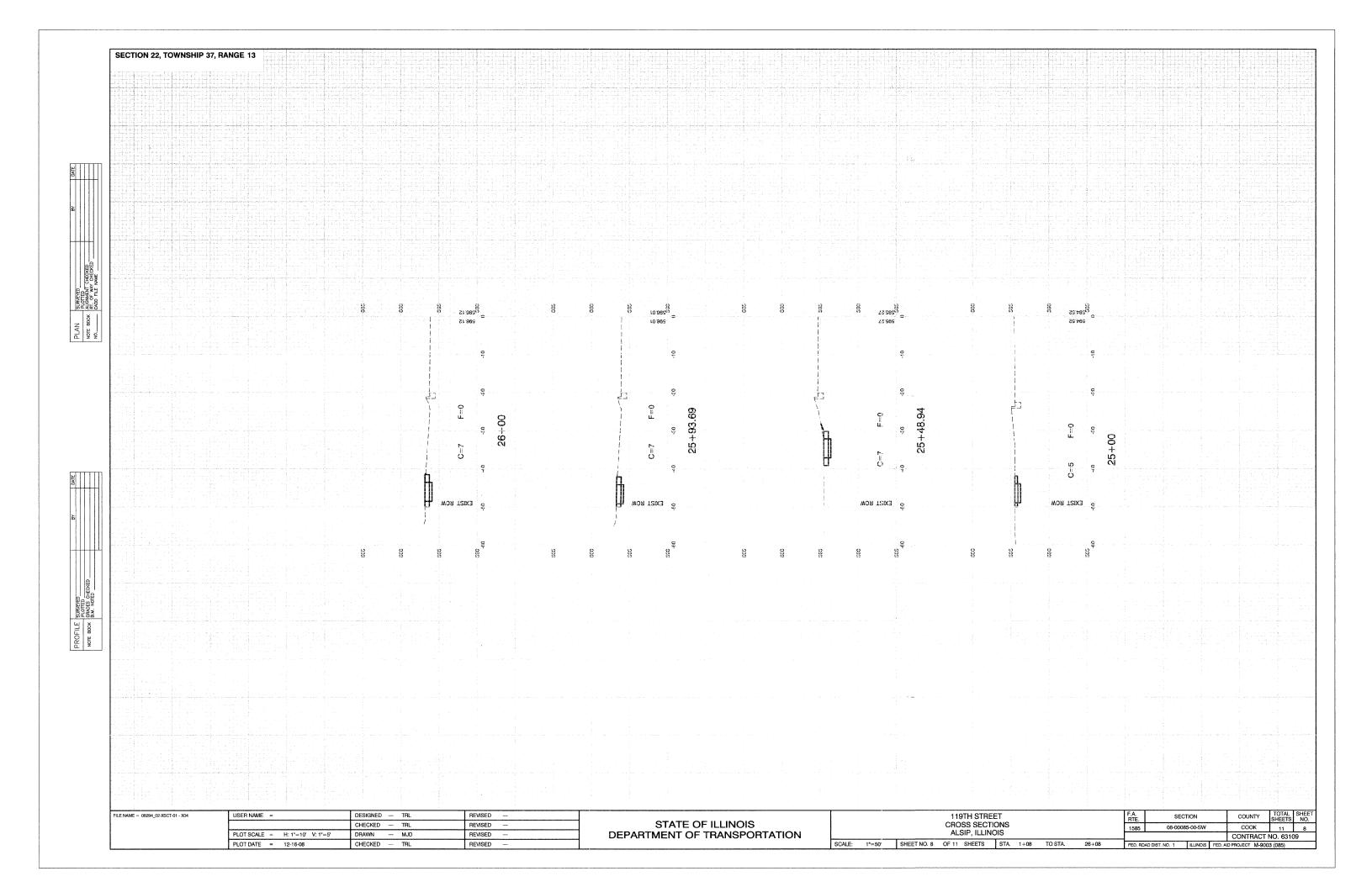
-4" TOPSOIL & SODDING

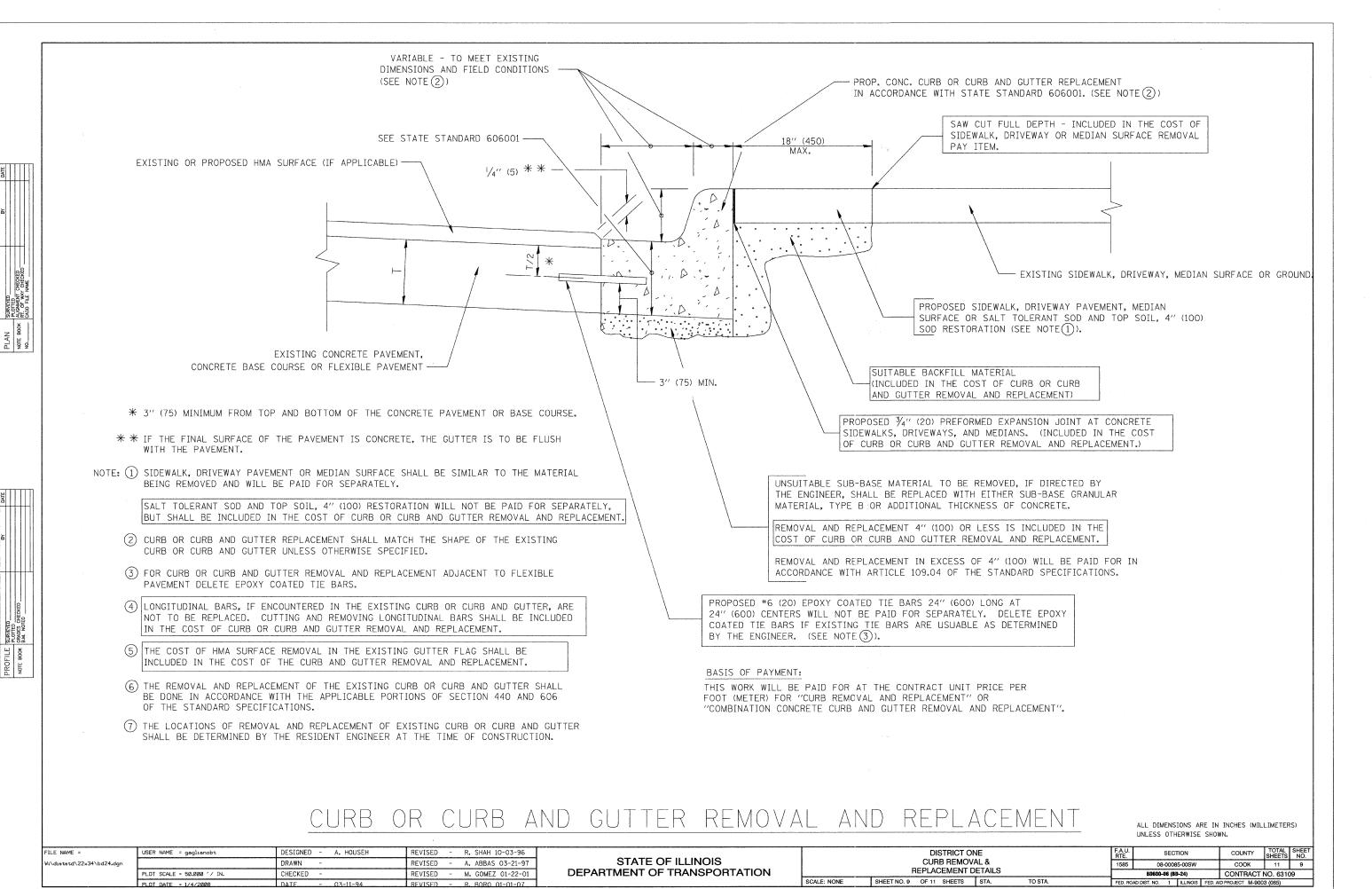






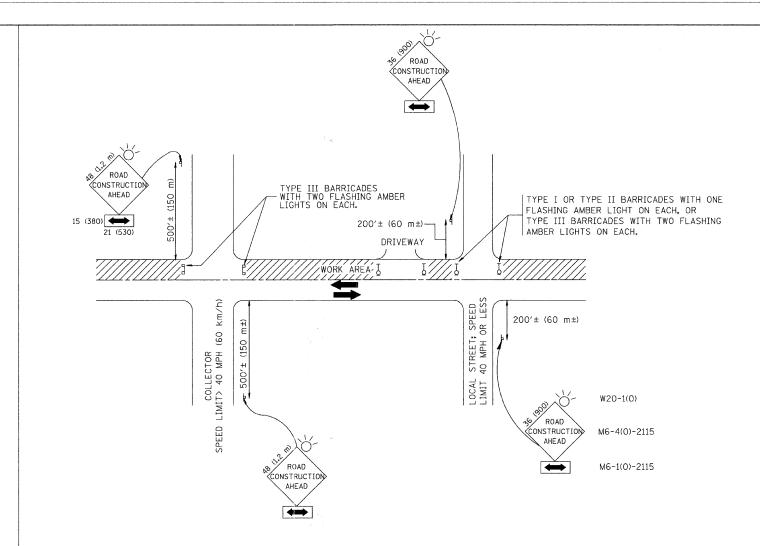












#### TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

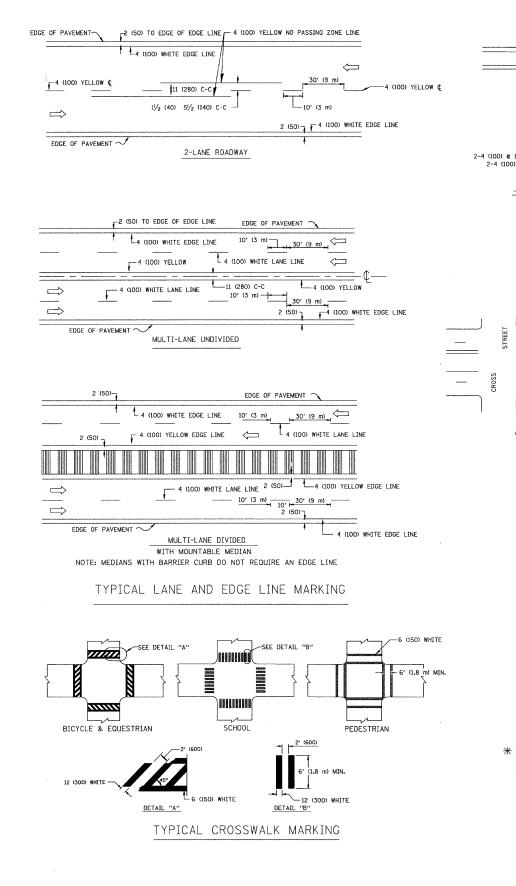
#### NOTES:

- 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:
- Q) 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.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE ROAD CONSTRUCTION AHEAD SIGN 48  $\times$  48 (1.2 m  $\times$  1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

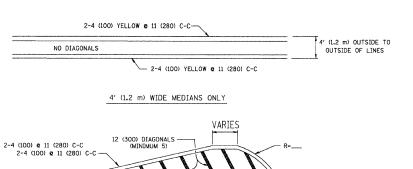
FILE NAME =	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95		DISTRICT ONE	F.A.## SECTION	COUNTY TOTAL SHEET NO.
W:\diststd\22x34\tcl0.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96	STATE OF ILLINOIS	TRAFFIC CONTROL & PROTECTION FO	1585 08-00085-00SW	COOK 11 10
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96	DEPARTMENT OF TRANSPORTATION	SIDE ROADS, INTERSECTIONS AND DRIVEWAYS	BD600-06 (BD-24)	CONTRACT NO. 63109
4	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T RAMMACHER 01-06-00		SCALE: NONE SHEET NO. 10 OF 11 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT M-9003 (085)

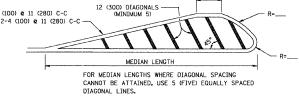


PLAN NOTE BOOK NO.\_\_\_\_\_

FILE

PROF

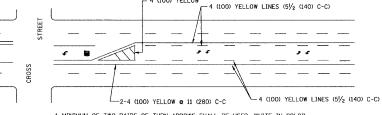




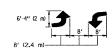
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

### - 4 (100) YELLOW

MEDIANS OVER 4' (1.2 m) WIDE

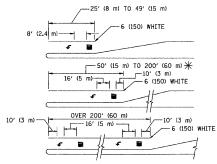


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR.



MEDIAN WITH TWO-WAY LEFT TURN LANE

#### TYPICAL PAINTED MEDIAN MARKING

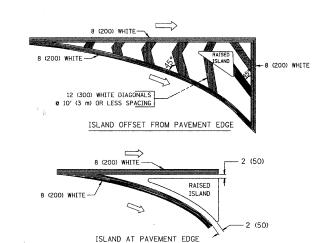


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  $\P$  AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>)  $\P$  AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* 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

TYPICAL LEFT (OR RIGHT) TURN LANE

#### TYPICAL TURN LANE MARKING



#### 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 UNDIVEDED 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	5½ (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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
2	8' (2.4m) 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 @ 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 <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) <b>e</b> 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 (0VER 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 =	USER NAME = gaglianobt	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
W:\dietstd\22x34\tc13.dgn		DRAWN -	REVISED -A. HOUSEH 10-09-96
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

DISTRICT ONE					F.A.## RTE. SECTION		COUNTY TOTAL SHEETS		SHEET NO.
PAVEMENT MARKING				1585	08-00085-00SW	COOK	11	11	
DETAIL SHEET						TC-13	CONTRACT	NO. 6310	19
SCALE: NONE SHEET NO. 11 OF 11 SHEETS STA. TO STA.				FED. ROA	AD DIST. NO. 1 ILLINOIS FED. AI	D PROJECT M-900	03 (085)		