

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

FAU 1585 (119TH STREET)  
FAU 2403 (KOSTNER AVENUE) TO FAU 2812 (PULASKI ROAD)  
SIDEWALK CONSTRUCTION  
PROJECT: ARA-9003(663)  
SECTION NO.: 10-00088-00-SW  
JOB NO.: C-91-651-10  
VILLAGE OF ALSIP  
COOK COUNTY

F. A. U. ETE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	10-00088-00-SW	COOK	10	1
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(663)		

CONTRACT #63491

INDEX OF SHEETS

- 1 COVER SHEET, INDEX OF SHEETS, LOCATION MAP  
INDEX OF STATE STANDARDS
- 2 SUMMARY OF QUANTITIES & GENERAL NOTES
- 3 TYPICAL SECTIONS
- 4 SIDEWALK PLAN
- 5-7 CROSS SECTIONS
- 8-10 IDOT DISTRICT 1 DETAILS

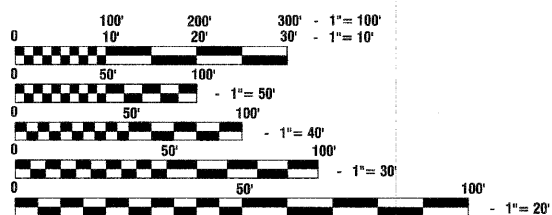
STATE STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 606001-04 CONCRETE CURB AND COMBINATION CONCRETE CURB & GUTTER
- 701501-05 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES

DESIGN DESIGNATION

119TH STREET

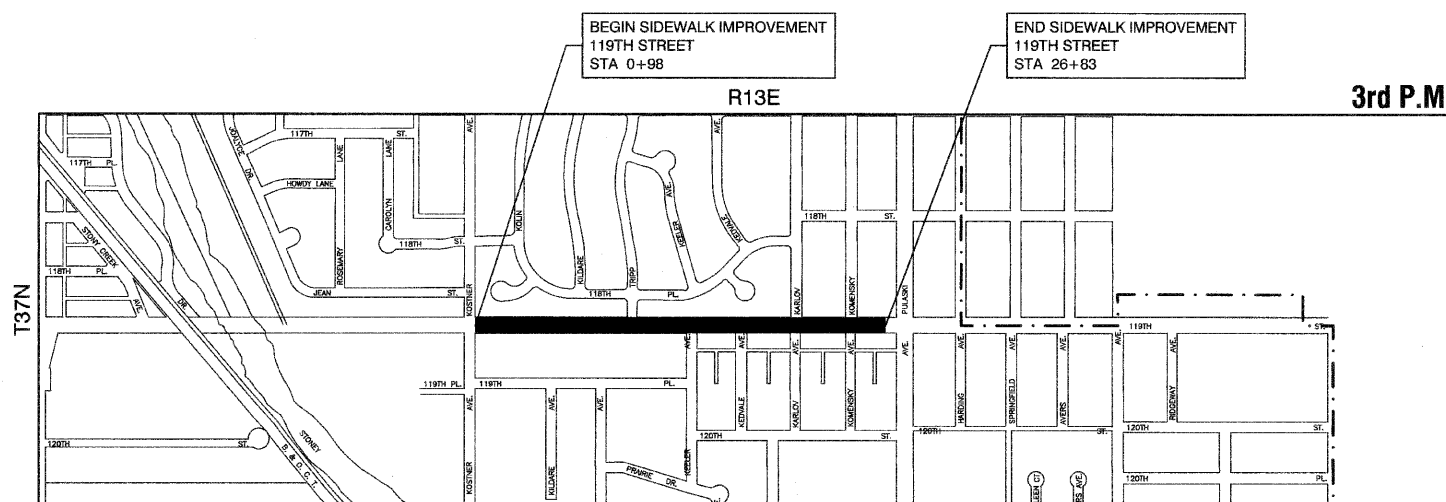
ADT=3,000 VPD (2007)  
=3,250 VPD (2030)  
DESIGN SPEED=30 MPH  
POSTED SPEED LIMIT=25 MPH



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

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

CONTRACT NO. 63491

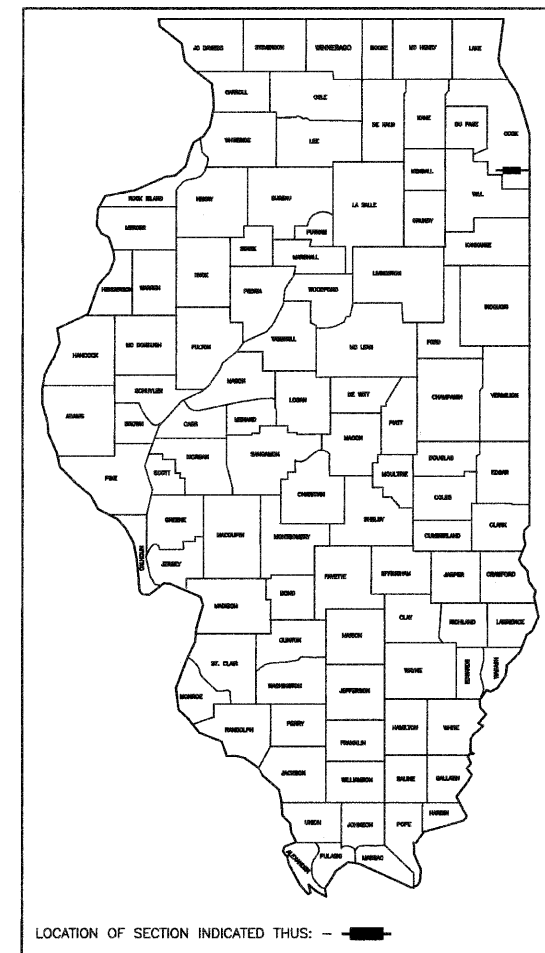


LOCATION MAP

N.T.S

— INDICATES PROPOSED IMPROVEMENT

GROSS LENGTH= 2,585 FEET = 0.49 MILES  
NET LENGTH= 2,585 FEET = 0.49 MILES



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

Approved: 4/21/10  
*Patrick E. Fitchner*  
President, Village of Alsip

Passed: July 12, 2010  
*Chris M. Hebert*  
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: JULY 15, 2010  
*Diana M. O'Keefe*  
Deputy Director of Highways, Region 1 Engineer

PRINTED BY THE AUTHORITY OF  
THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE  
DIRECT SUPERVISION OF:

*Thomas R. Lang*  
4/21/10



LICENSE EXPIRES: 11/30/11

I.D.O.T. FIELD ENGINEER: MEL MANGOBA 847-705-4408  
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700  
CONTACT ENGINEER: THOMAS R. LANG

DATE	
BY	
REVISIONS	
PLANNED	
PLOTTED	
GRADES CHECKED	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
PLOTTED	
GRADES CHECKED	
PROFILE	
NOTE BOOK	
NO.	

SUMMARY OF QUANTITIES					PAVEMENT	MARKINGS	SIGNS	LANDSCAPE	LIGHTS	SIGNALS	TRAINING	
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE							
					5 FTY-1B	SFTY-1D	Y002-1C	Y003	Y030-1E	Y031	Y080	
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	58	58							
	20200100	EARTH EXCAVATION	CU YD	396	396							
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	932	932							
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	12	12							
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	12	12							
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	12	12							
	25200100	SODDING	SQ YD	932	932							
	25200200	SUPPLEMENTAL WATERING	UNIT	10	10							
	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1268	1268							
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	25	25							
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10645	10645							
	42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	765	765							
	42400800	DETECTABLE WARNINGS	SQ FT	72	72							
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	150	150							
	44000300	CURB REMOVAL	FOOT	15	15							
	44000600	SIDEWALK REMOVAL	SQ FT	750	750							
	<del>Z0004512</del>	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	90	90							
	44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	20	20							
	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	1	1							
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1							
	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	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	250	250							
	Z0066500	STABILIZED DRIVEWAYS 7"	SQ YD	68	68							

\* - INDICATES SPECIALTY ITEMS

### 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.
- BEFORE ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 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.
- ALL PAVEMENT, CURB AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF STRAIGHT SAW CUT JOINT. THE COST FOR SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE INDIVIDUAL ITEMS BEING REMOVED
- THE CONTRACTOR MAY PROSECUTE WORK BETWEEN THE HOURS OF 7:00 A.M. AND DUSK EACH WORKDAY. NO WORK WILL BE PERMITTED ON SUNDAYS, OR ON HOLIDAYS, WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER.

### BENCH MARK:

TOP FLANGE HYDRANT NW CORNER  
119TH ST. & KOSTNER AVE.  
ELEVATION=599.95  
  
ARROW ON A HYDRANT S.W. CORNER  
OF 119TH ST & KEDVALE AVE.  
ELEVATION=598.03

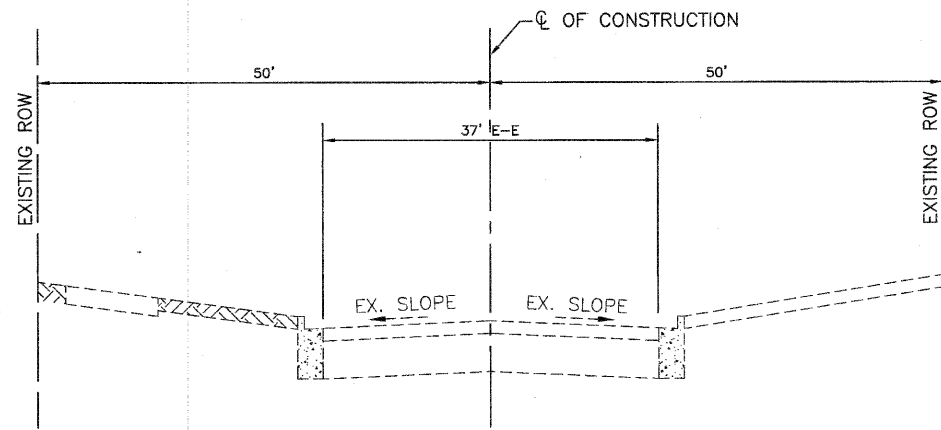
### EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE OR SHORTAGE
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STATION 0+98 TO 26+83	396	336	0	336

FILE NAME = 10246-QUAN-01 - BDOT P01	USER NAME =	DESIGNED -- TRL	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	119TH STREET SIDEWALK PLAN SUMMARY OF QUANTITIES ALSIP, ILLINOIS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -- TRL	REVISED --			1585	10-00098-00-SW	COOK	10	2	
		DRAWN -- RG	REVISED --			SCALE: N/A    SHEET NO. 2 OF 10 SHEETS    STA. TO STA.					
		PLOT DATE = 05-28-10	CHECKED -- AG			REVISED --	CONTRACT NO. 63491 FED. ROAD DIST. NO. 1    ILLINOIS    FED. AID PROJECT ARA-9003(663)				

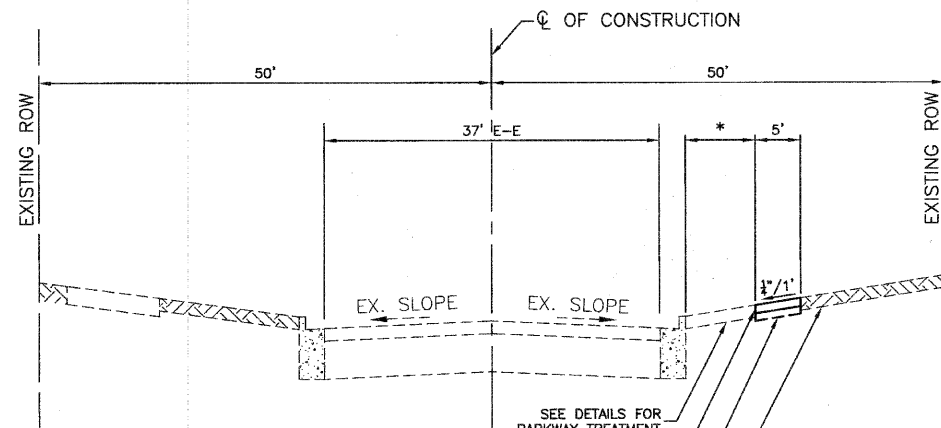
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	PLOTTED	BY
	CHECKED	
	RT. WAY CHECKED	
	LDG. FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	RT. WAY CHECKED	
	LDG. FILE NAME	
	NO.	



**EXISTING TYPICAL SECTION**

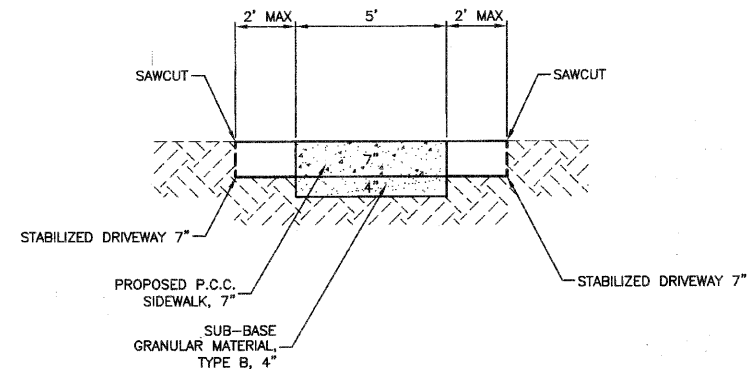
STA. 0+98 TO STA. 26+83, 119TH STREET



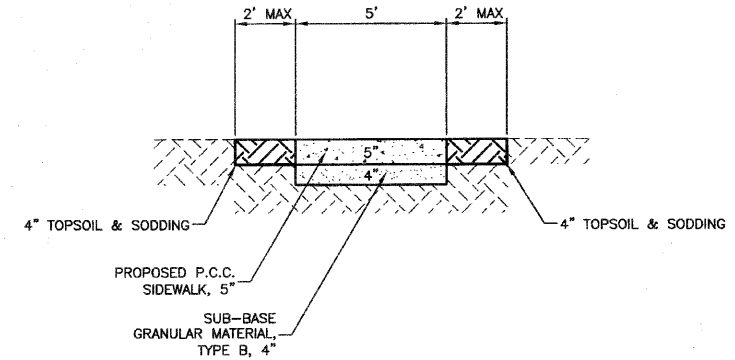
**PROPOSED TYPICAL SECTION**

STA. 0+98 TO STA. 26+83, 119TH STREET

SEE DETAILS FOR PARKWAY TREATMENT  
 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH OR 7 INCH  
 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"  
 SEE DETAILS FOR PARKWAY TREATMENT  
 - SEE PLAN FOR OFFSETS \*



**SIDEWALK DETAIL THROUGH DRIVEWAY**



**SIDEWALK DETAIL THROUGH PARKWAY**

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

ITEM	AIR VOIDS @ Ndes
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX C, NS0, (IL 9.5mm) 2"	4% @ 50 GYR
HMA BASE COURSE (HMA BINDER IL-19mm), 5"	4% @ 50 GYR
PATCHING	
CLASS D PATCHES, TYPE I, (HMA BINDER IL-19mm) 5"	4% @ 70 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX C, NS0 (IL-9.5mm) 2"	4% @ 50 GYR

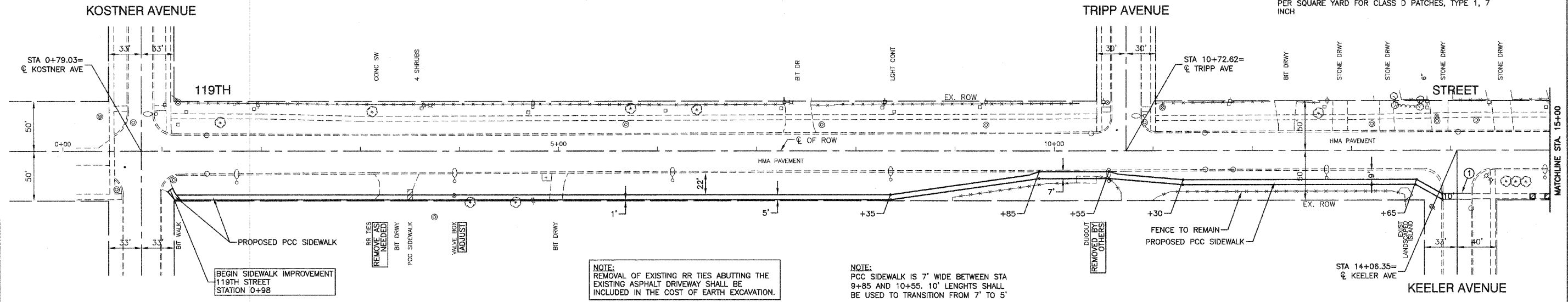
NOTES:  
 THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.  
 THE 'AC TYPE' FOR POLYMERIZED HMA MIXES SHALL BE 'SBS/SBR PG 70-22' AND FOR NON-POLYMERIZED HMA THE 'AC-TYPE' SHALL BE 'PG 64-22' UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR PERCENT OF RAP SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = 10246-TYPX-01 - P01	USER NAME =	DESIGNED -- TRL	REVISED --	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	119TH STREET SIDEWALK PLAN TYPICAL CROSS SECTIONS ALSIP, ILLINOIS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = N/A	CHECKED -- TRL	REVISED --		SCALE: N/A	SHEET NO. 3 OF 10 SHEETS	STA. 0+98 TO STA. 26+83	1585	10-00088-00-SW	COOK	10	3
	PLOT DATE = 05-28-10	DRAWN -- RG	REVISED --					CONTRACT NO. 63491				
		CHECKED -- AG	REVISED --					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-8003(683)				

NOTE:  
 CLASS D PATCHING ABUTTING CURB & GUTTER  
 REPLACEMENT SHALL BE 2" HMA SURFACE AND 5" HMA  
 BINDER AS OUTLINED IN THE HMA MIXTURE CHART.  
 THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE  
 PER SQUARE YARD FOR CLASS D PATCHES, TYPE 1, 7  
 INCH

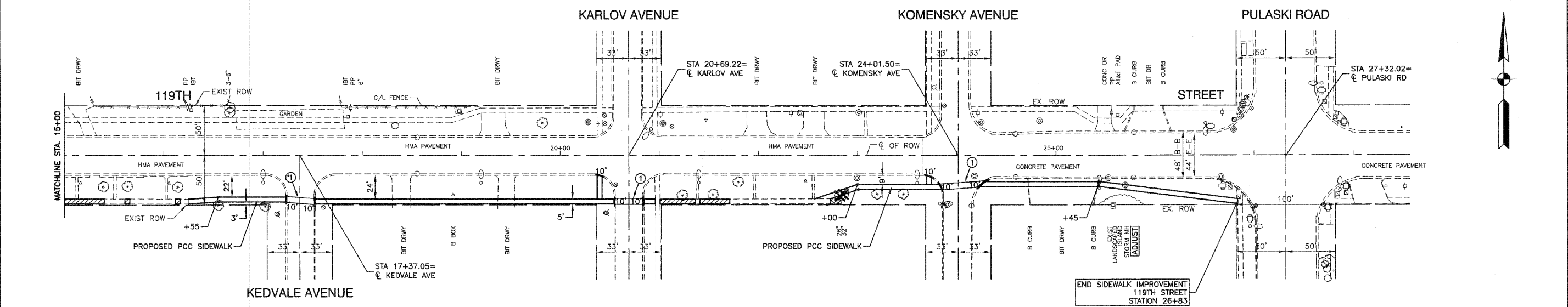
PLAN	SURVEYED	DATE
	PLOTTED	
	DESIGNED	
	CHECKED	
	DRAWN	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	DESIGNED	
	CHECKED	
	DRAWN	
	BY	
	DATE	



NOTE:  
 REMOVAL OF EXISTING RR TIES ABUTTING THE  
 EXISTING ASPHALT DRIVEWAY SHALL BE  
 INCLUDED IN THE COST OF EARTH EXCAVATION.

NOTE:  
 PCC SIDEWALK IS 7' WIDE BETWEEN STA  
 9+85 AND 10+55. 10' LENGTHS SHALL  
 BE USED TO TRANSITION FROM 7' TO 5'



**LEGEND**

- COMBINATION CONCRETE CURB/CURB & GUTTER REMOVAL & REPLACEMENT
- PORTLAND CEMENT CONCRETE SIDEWALK (5 INCH OR 7 INCH)
- PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT
- TREE OR SHRUB TO BE REMOVED

**PAVEMENT MARKING LEGEND**

- ① 6" WHITE LINES (6' C-C)

NOTE:  
 ANY EXCAVATED MATERIAL WITHIN THE PULASKI  
 ROAD RIGHT OF WAY SHALL NOT BE HAULED OFF  
 SITE AND REUSED WITHIN STATE RIGHT OF WAY.

FILE NAME = 10246-PLAN-01-01

USER NAME =	DESIGNED — TRL	REVISED —
	CHECKED — TRL	REVISED —
PLOT SCALE = 1"=50'	DRAWN — RG	REVISED —
PLOT DATE = 05-28-10	CHECKED — AG	REVISED —

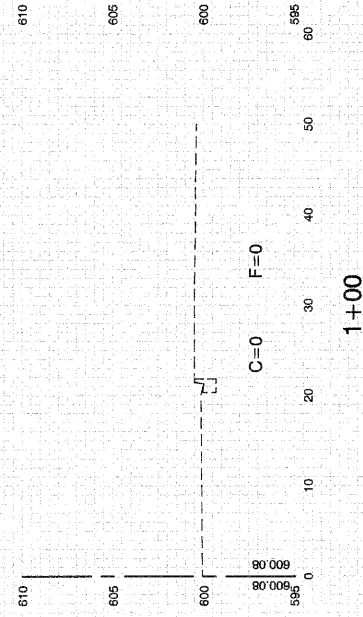
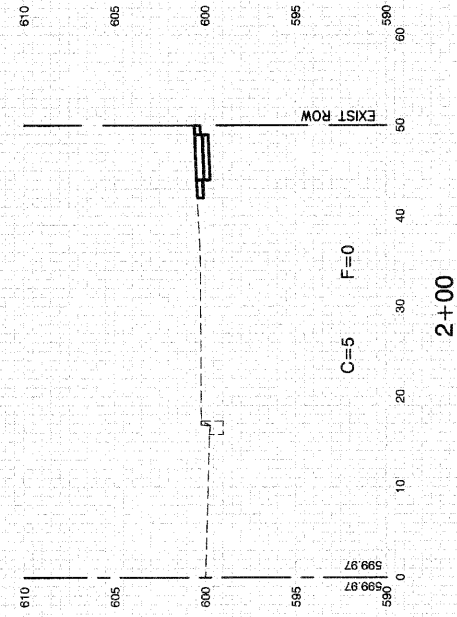
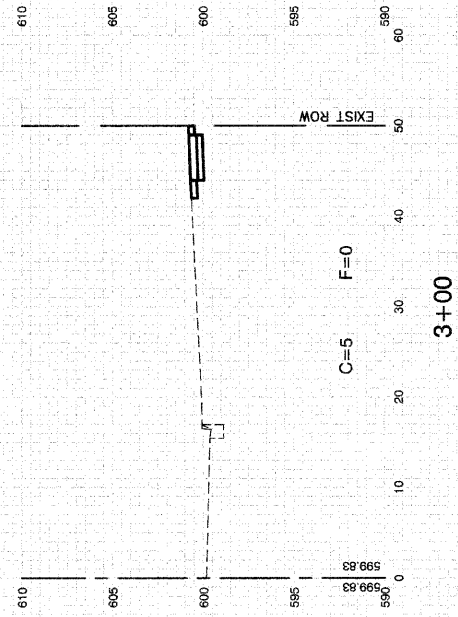
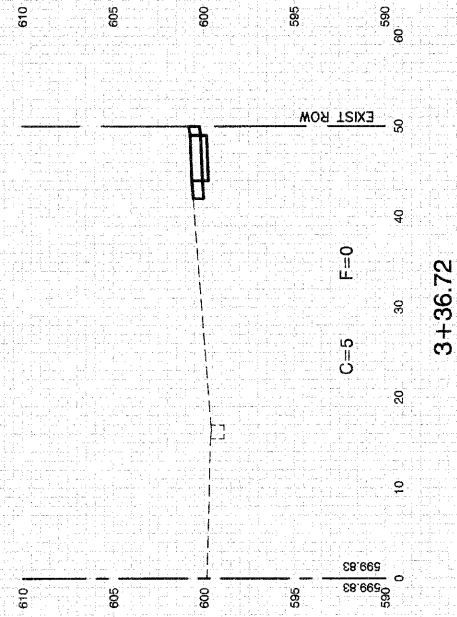
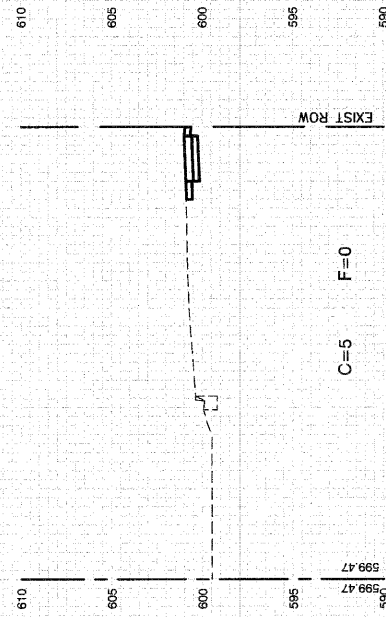
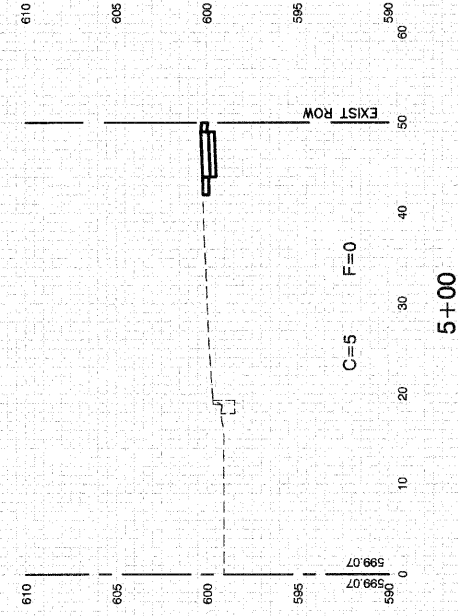
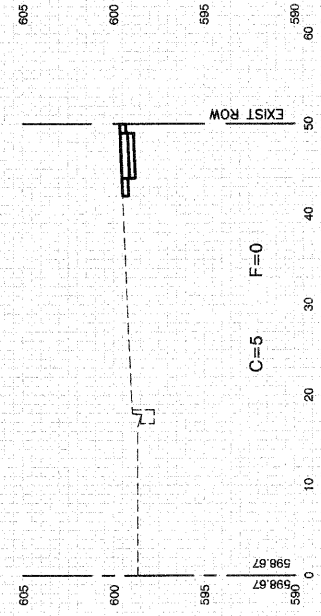
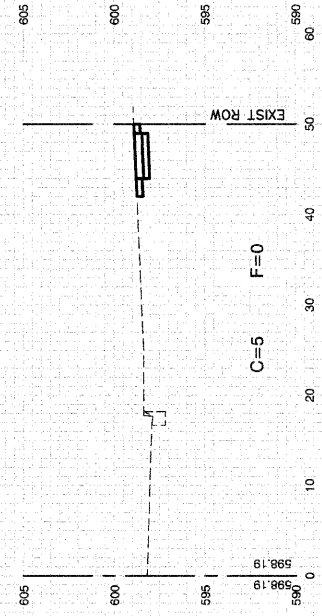
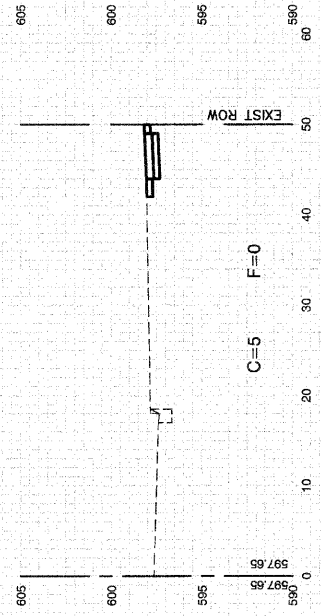
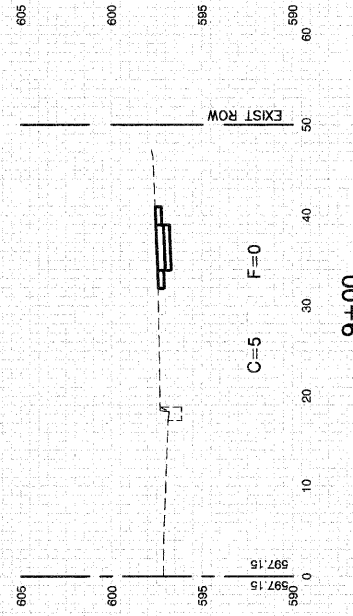
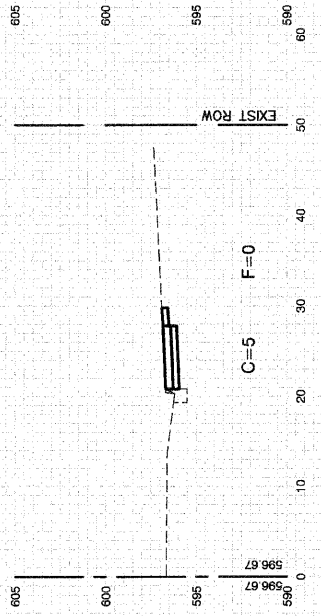
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

119TH STREET  
 PROPOSED SIDEWALK PLAN  
 ALSIP, ILLINOIS  
 SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 0+98 TO STA. 26+83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	10-00089-00-SW	COOK	10	4
CONTRACT NO. 63491				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(663)				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO.		
	GOOD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	GOOD FILE NAME		



FILE NAME = 10248-XSCT-01 - X01

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	CHECKED --	TRL	REVISED --	
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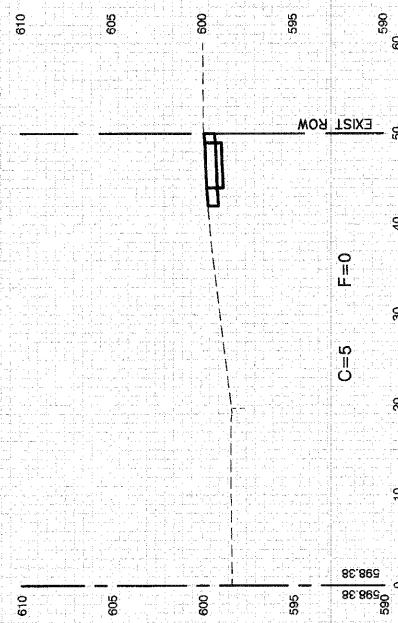
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

119TH STREET SIDEWALK PLAN		SCALE: H 1"=10' V 1"=5'		SHEET NO. 5 OF 10 SHEETS		STA. 0+98 TO STA. 26+83	
CROSS SECTIONS							
ALSIP, ILLINOIS							

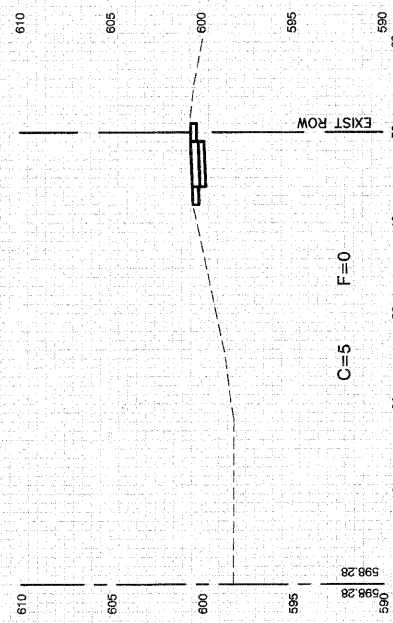
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	10-00088-00-SW	COOK	10	5
CONTRACT NO. 63491				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(663)				

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NOTE BOOK NO.	PLOTTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

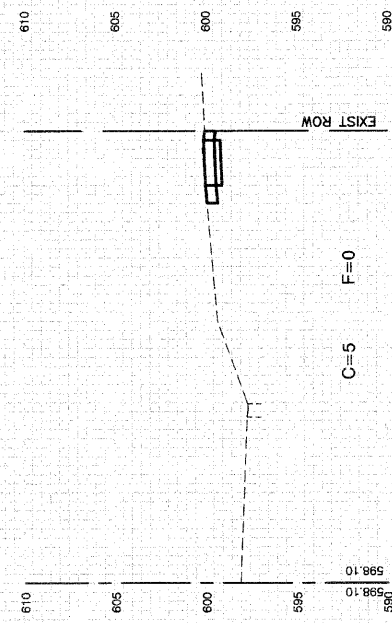
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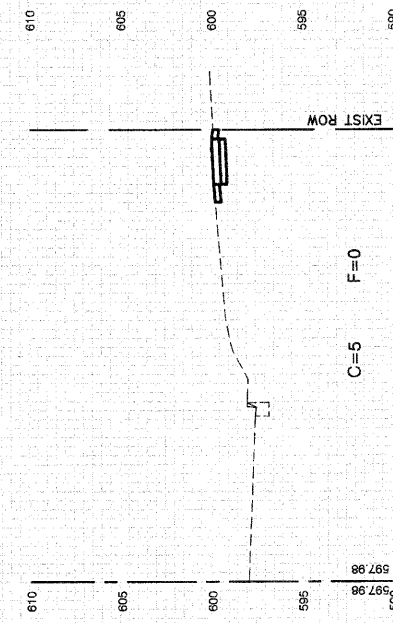
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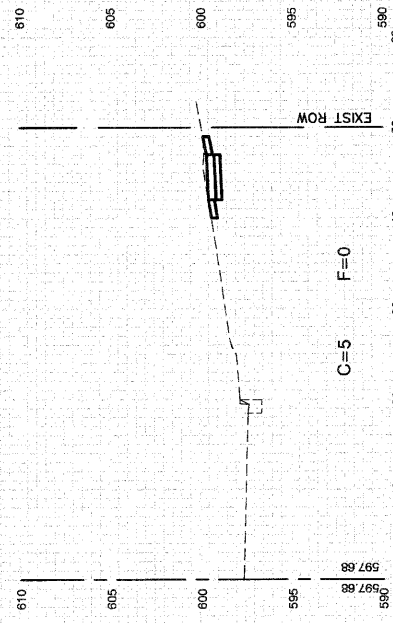
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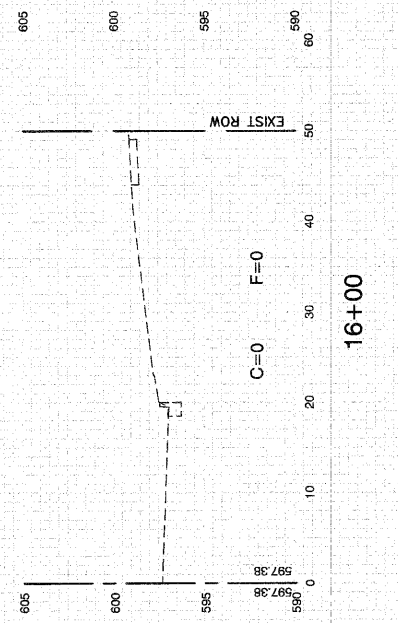
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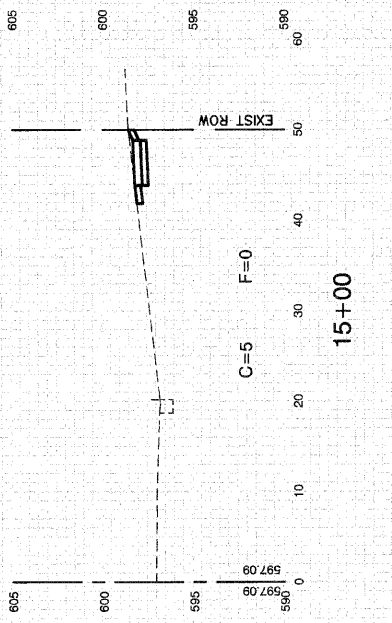
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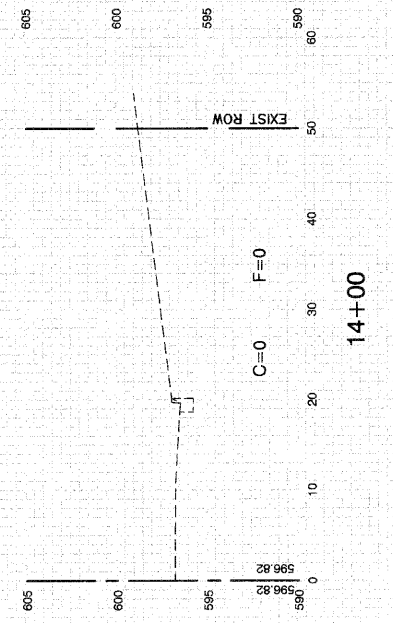
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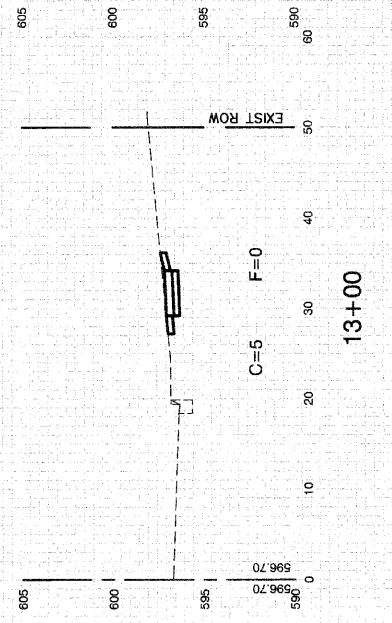
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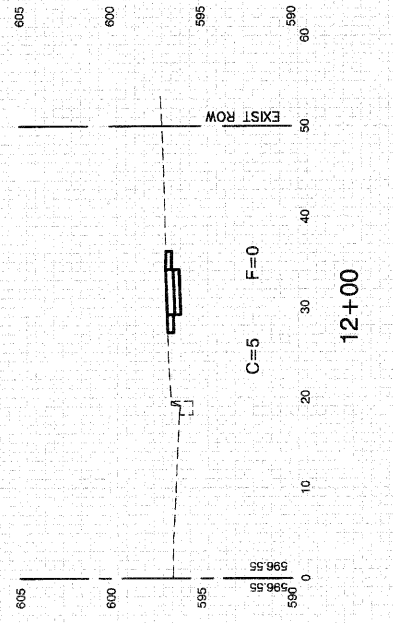
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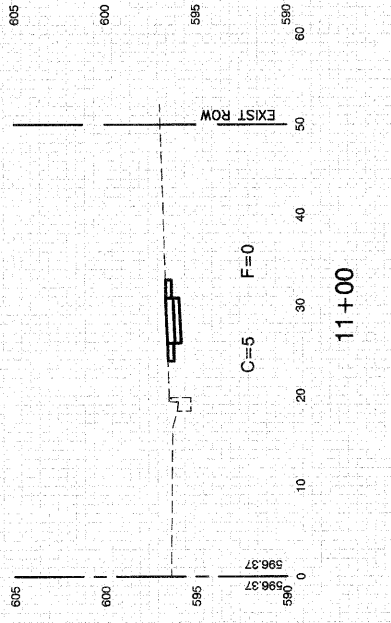
14+00



13+00



12+00



11+00

FILE NAME = 10246-XSCT-01 - X02

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	CHECKED --	TRL	REVISED --	
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PLOT DATE = 05-28-10	CHECKED --	AG	REVISED --	

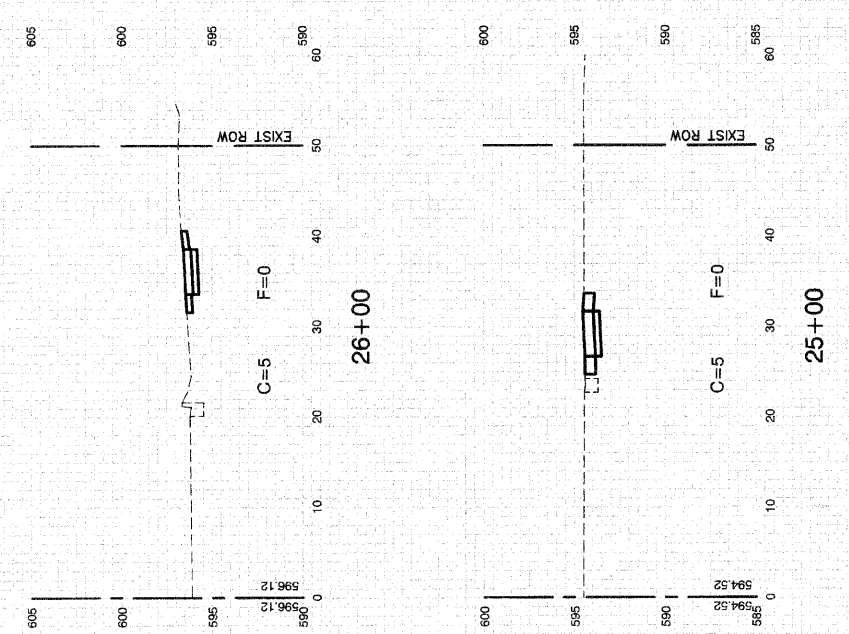
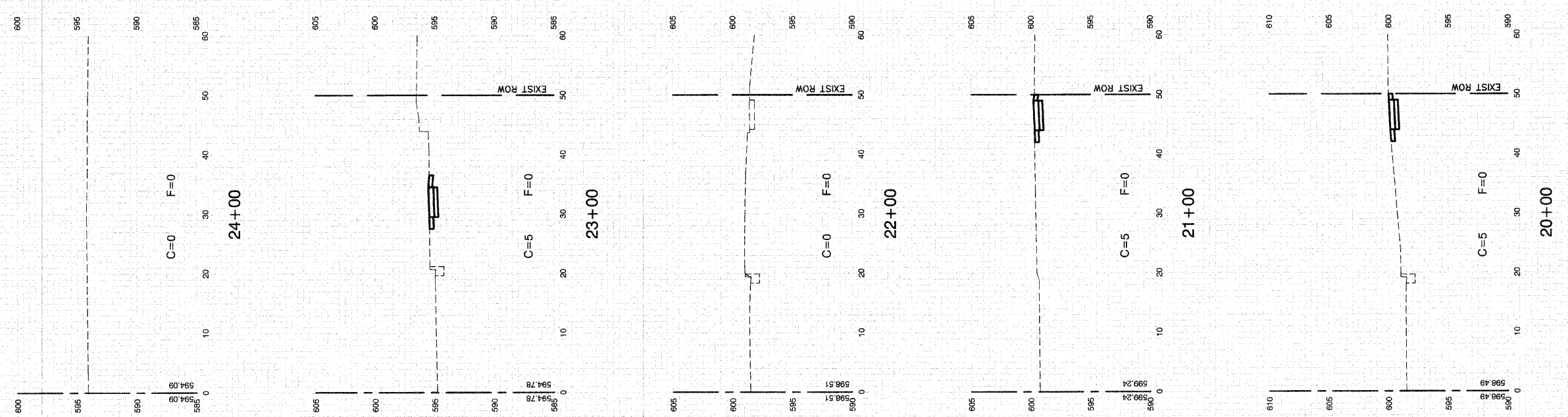
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

119TH STREET SIDEWALK PLAN CROSS SECTIONS ALSIP, ILLINOIS	
SCALE: H 1"=10' V 1"=5'	SHEET NO. 6 OF 10 SHEETS
STA. 0+98	TO STA. 26+83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	10-00088-00-SW	COOK	10	6
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT ARA-9003(663)	
CONTRACT NO. 63491				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		



FILE NAME = 10246-XSCT-01 - X03

USER NAME =	DESIGNED --	TRL	REVISED --
	CHECKED --	TRL	REVISED --
PLOT SCALE = H 1"=10' V 1"=5'	DRAWN --	RG	REVISED --
PLOT DATE = 05-28-10	CHECKED --	AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

119TH STREET SIDEWALK PLAN  
CROSS SECTIONS  
ALSIP, ILLINOIS

SCALE: H 1"=10' V 1"=5' SHEET NO. 7 OF 10 SHEETS STA. 0+98 TO STA. 26+83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	10-00088-00-SW	COOK	10	7
CONTRACT NO. 63491				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	ARA-6003(663)	

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER 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 PAY ITEM.

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) \*\*

18" (450) MAX.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

\* 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.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ 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.

⑥ 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.

⑦ 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.

⑧ 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.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:

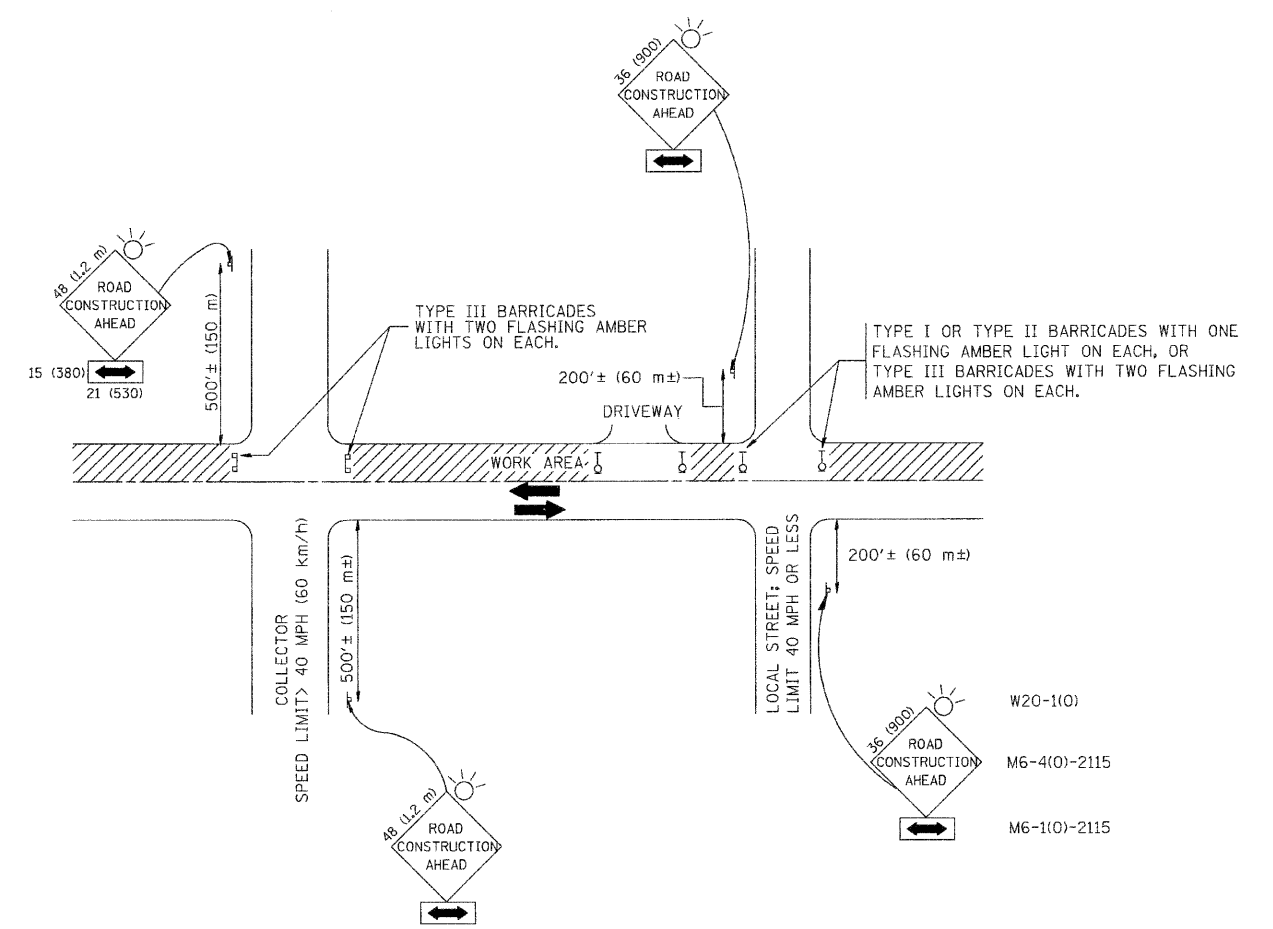
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME = 10246-DTL5-BD24 - BD-24	USER NAME = drsvakoo99	DESIGNED -- A. HOUSEH	REVISED -- R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	FAU. RTE. 1585	SECTION 10-00088-00-SW	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 8	
PLOT SCALE = 50.000' / IN.	DRAWN --	REVISOR -- M. GOMEZ 01-22-01	REVISOR -- A. ABBAS 03-21-97			<b>BD600-06 (BD-24)</b>		CONTRACT NO. 63491			
PLOT DATE = 12/15/2009	CHECKED -- 03-11-94	REVISOR -- R. BORO 12-15-09	REVISOR --			SCALE: SHEET NO. 8 OF 10 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(663)			





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.
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.

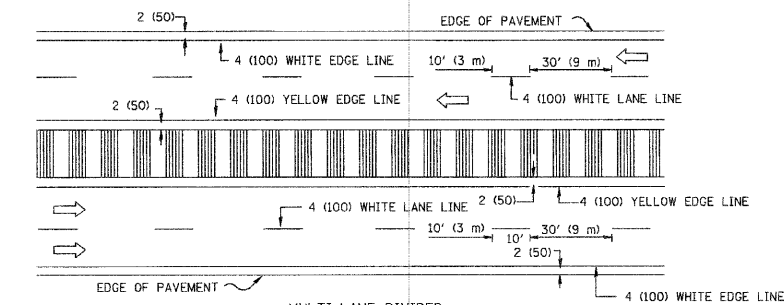
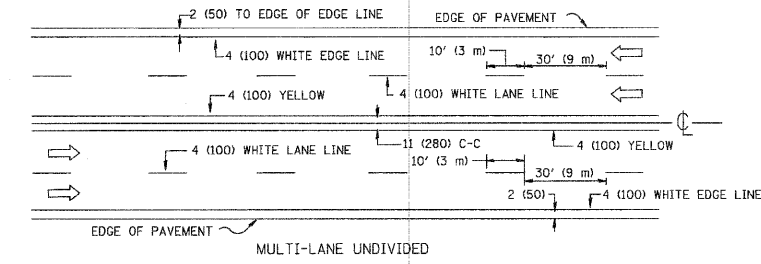
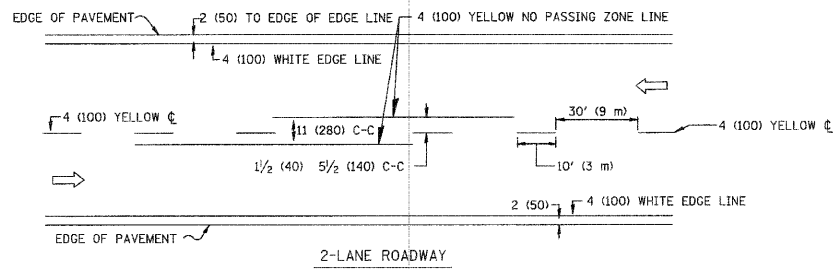
FILE NAME = 10246-DTSL-TC10 - TC-10	USER NAME = geglianobb	DESIGNED -- LHA	REVISED -- J. OBERLE 10-18-95
		CHECKED --	REVISED -- A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	DRAWN --	REVISED -- A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	CHECKED -- 06-89	REVISED -- T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

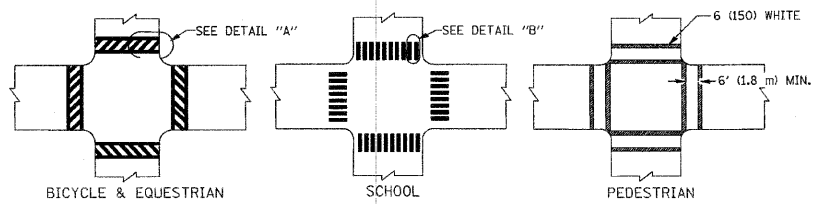
SCALE: SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	10-00088-00-SW	COOK	10	9
TC-10			CONTRACT NO. 63491	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-8003(663)				

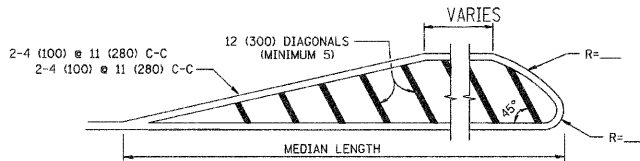
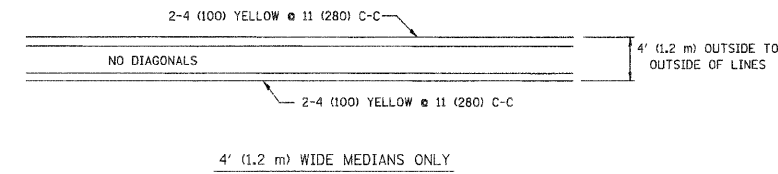


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

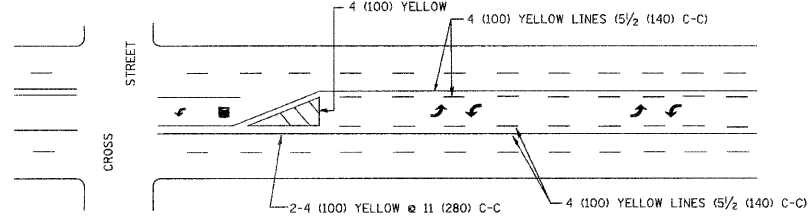


TYPICAL CROSSWALK MARKING

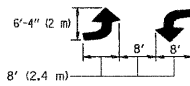


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
 75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))  
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

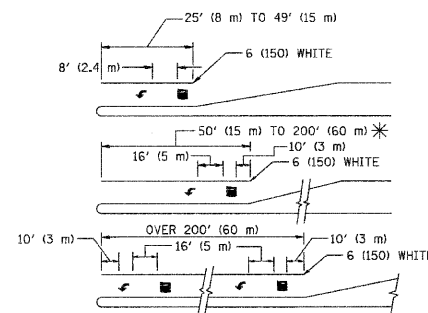


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

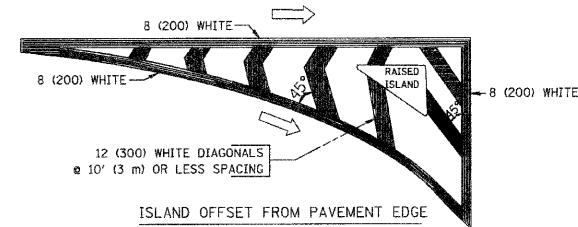


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

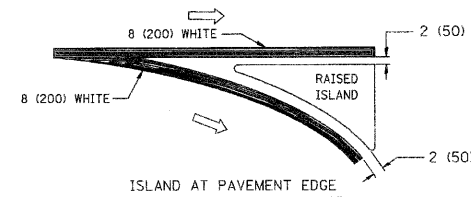
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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 1/2 (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 1/2 (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.
CORE 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: "RR"=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) @ 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 = 10246-DTLS-TC13 - TC-13	USER NAME = drivakosgn	DESIGNED -- EVERS	REVISED --T. RAMMACHER 10-27-94
		CHECKED --	REVISED --C. JUCIUS 09-09-09
	PLOT SCALE = 50.000' / IN.	DRAWN --	REVISED --
	PLOT DATE = 9/9/2009	CHECKED -- 03-19-90	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		FA.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		1585	10-0088-00-SW	COOK	10	10
SCALE:		SHEET NO. 10 OF 10 SHEETS		STA. N/A	TO STA. N/A	
		CONTRACT NO. 83491		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(663)		