

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	1
FEDERAL ROAD DISTRICT NO. 1 ILLINOIS		CONTRACT NO. 63421		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID PROJECT

INDEX OF SHEETS

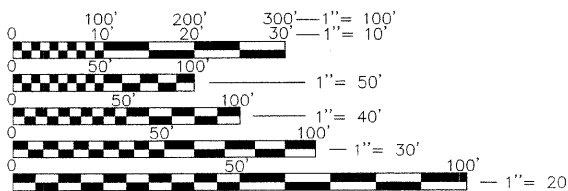
- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES AND GENERAL NOTES
- 3 TYPICAL SECTIONS
- 4 SCHEDULE OF QUANTITIES
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**KEDZIE AVENUE (FAU 2831)
153RD STREET TO 159TH STREET
SIDEWALK CONSTRUCTION
SECTION No. 09-00041-00-SW
PROJECT No. ARA 9003(395)
JOB No. C-91-783-09
CITY OF MARKHAM
COOK COUNTY**

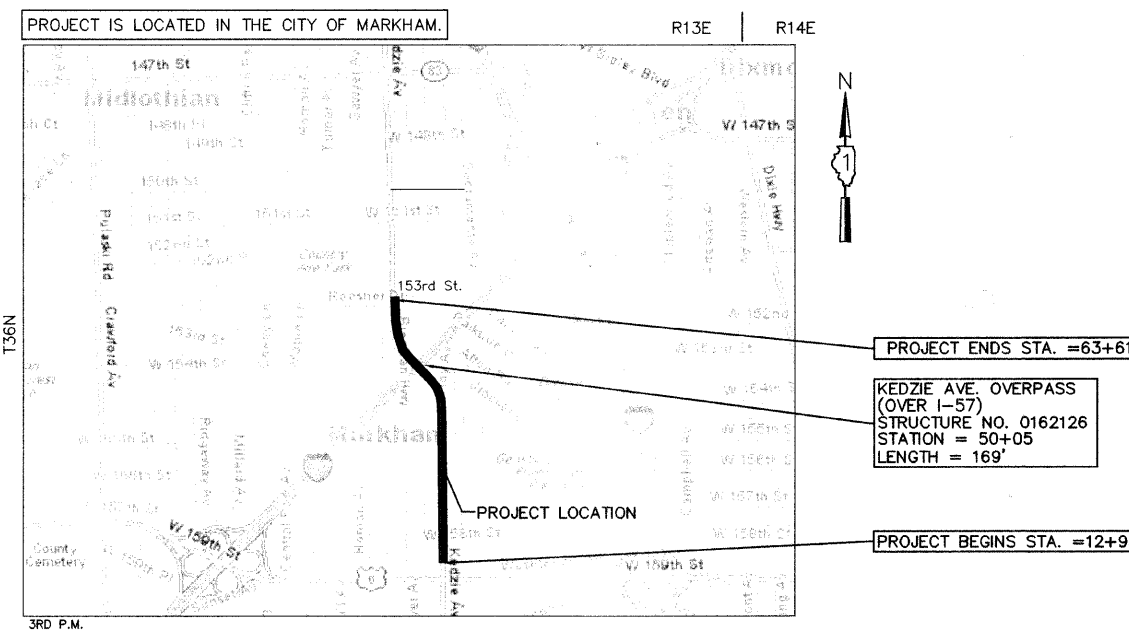


KEDZIE AVENUE MINOR ARTERIAL
ADT= 16,300 (2006)
POSTED SPEED LIMIT=45 M.P.H.



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



LOCATION MAP
N.T.S.
BREMEN TOWNSHIP
GROSS LENGTH OF PROJECT = 5,068 FEET (0.96 MI)
NET LENGTH OF PROJECT = 5,068 FEET (0.96 MI)

FIELD ENGINEER: MELCHOR MANGOBA (847) 705-4408
CONSULTANTS: BURKE ENGINEERING CORPORATION (708) 326-4000

CONTRACT NO. 63421


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 11-30 2009
David Weis
MAYOR, CITY OF MARKHAM

PASSED 12-15 2009
G.Holt/ch
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 12-15 2009
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER


PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



Mark A. Wesolowski 11/30/09
ENGINEER DATE

MARK A. WESOLOWSKI
ILLINOIS REGISTRATION NO. 062054598
EXPIRATION DATE: 11/30/11

PLANS PREPARED BY:



BURKE ENGINEERING CORPORATION
Civil Engineer Consultants - Planners - Land Surveyors
18330 Distinctive Drive, Orland Park, Illinois 60467
Phone: (708) 326-4000 Fax: (708) 326-4050

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- 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 LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY AND THEIR ENGINEER DO NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, SURFACE, OR OVERHEAD UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE CITY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE CITY, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- WHEN IN CONSTRUCTION OPERATION, IF 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 WORKING DAY. ALL STRUCTURES, ROAD SURFACES, CURB AND GUTTER, AND SIDEWALK SHALL BE CLEAN AT THE END OF CONSTRUCTION OPERATIONS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AND SHALL BE INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE CITY PUBLIC WORKS. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIAL.
- ALL SAWCUTTING SHALL BE INCLUDED IN REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM (COMPACTED) THICKNESS PERMITTED.
- EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." STOP SIGNS, SPEED LIMIT SIGNS, AND STREET NAME SIGNS SHALL BE INCLUDED IN THE PAY ITEMS FOR TRAFFIC CONTROL AND PROTECTION.
- MAILBOXES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED, TEMPORARILY RELOCATED, AND REPLACED UPON COMPLETION OF THE PROPOSED IMPROVEMENTS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCIDENTAL TO THE COST OF STORM SEWER BEING CONNECTED.
- EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
- MANHOLES AND CATCHBASINS TYPE A WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN 6', SHALL BE CONSTRUCTED WITH FLAT TOPS.
- ALL ADJUSTMENTS OR RECONSTRUCTIONS SHALL INCLUDE THE REMOVAL AND REPLACEMENT, AT THE CONTRACTOR'S EXPENSE, OF ALL UNSUITABLE 24" INSIDE DIAMETER ADJUSTING RINGS.

S.I.	PAY CODE	PAY ITEM	UNIT	QUANTITY	PAVEMENT	
					CONSTRUCTION TYPE CODE	SFTY-1B
	20101000	TEMPORARY FENCE	FOOT	50		50
	20101200	TREE ROOT PRUNING	EACH	15		15
	20200100	EARTH EXCAVATION	CU YD	850		850
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50		50
	20700110	POROUS GRANULAR EMBANKMENT	TON	100		100
	20800150	TRENCH BACKFILL	CU YD	40		40
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4,320		4,320
	25000210	SEEDING, CLASS 2A	ACRE	0.89		0.89
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	80		80
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	80		80
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	80		80
	25100630	EROSION CONTROL BLANKET	SQ YD	4,320		4,320
	25200200	SUPPLEMENTAL WATERING	UNIT	30		30
	28000400	PERIMETER EROSION BARRIER	FOOT	4,410		4,410
	28000500	INLET AND PIPE PROTECTION	EACH	5		5
*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	23,500		23,500
*	42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SQ FT	330		330
*	42400800	DETECTABLE WARNINGS	SQ FT	48		48
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	44		44
*	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	65		65
	44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	15		15
	50901735	BRIDGE FENCE RAILING (SIDEWALK)	FOOT	225		225
	55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	10		10
	55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	125		125
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE B GRATE	EACH	2		2
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
*	60406500	FRAMES AND LIDS, SPECIAL	EACH	1		1
	67100100	MOBILIZATION	L SUM	1		1
	70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1		1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	11		11
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3		3
o	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	191		191
*	XX002258	STRUCTURES TO BE ADJUSTED	EACH	1		1
*	XX003503	FLARED END SECTION REMOVAL	EACH	1		1
*	XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SQ YD	38		38

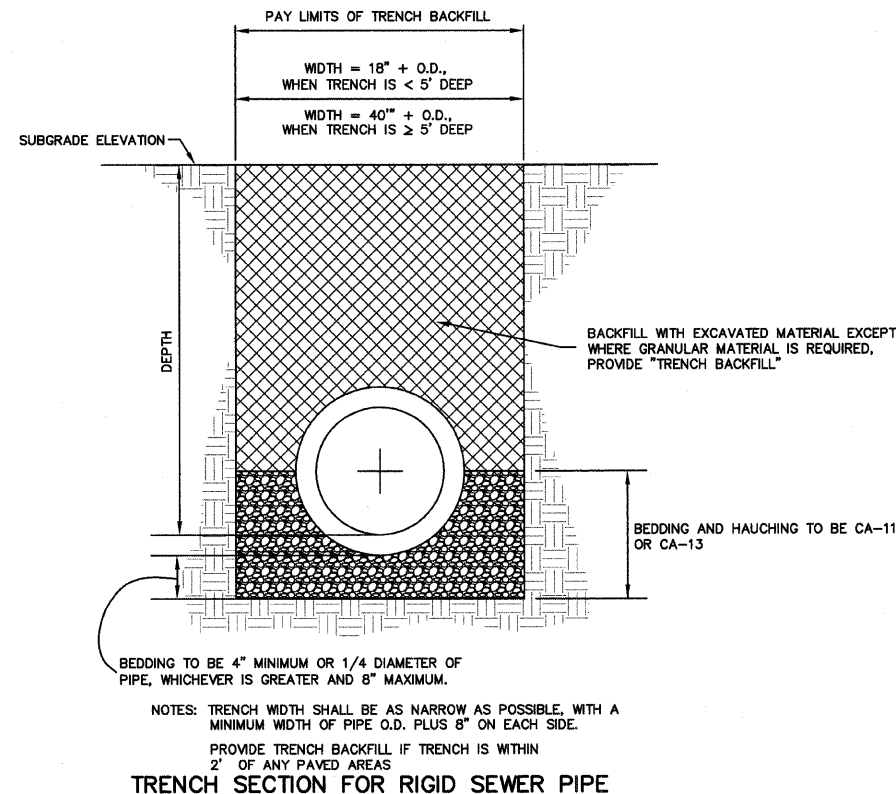
* - INDICATES SPECIAL PROVISION o - INDICATES SPECIALTY ITEM

HIGHWAY STANDARDS

000001-05	STANDARD STANDARDS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
602001-01	CATCH BASIN TYPE A
602011-01	CATCH BASIN TYPE C
602401-02	MANHOLE TYPE A
602601-02	FLAT TOP
602701-02	MANHOLE STEPS
604001-03	FRAME & LIDS, TYPE 1
604036-02	GRATE, TYPE B
606001-04	CONCRETE CURB TYPE B AND COMBINATIN CONCRETE CURB & GUTTER
664001-02	CHAIN LINK FENCE
701301-03	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720006-02	SIGN PANEL ERECTION DETAILS
780001-02	TYPICAL PAVEMENT MARKINGS

BENCHMARKS

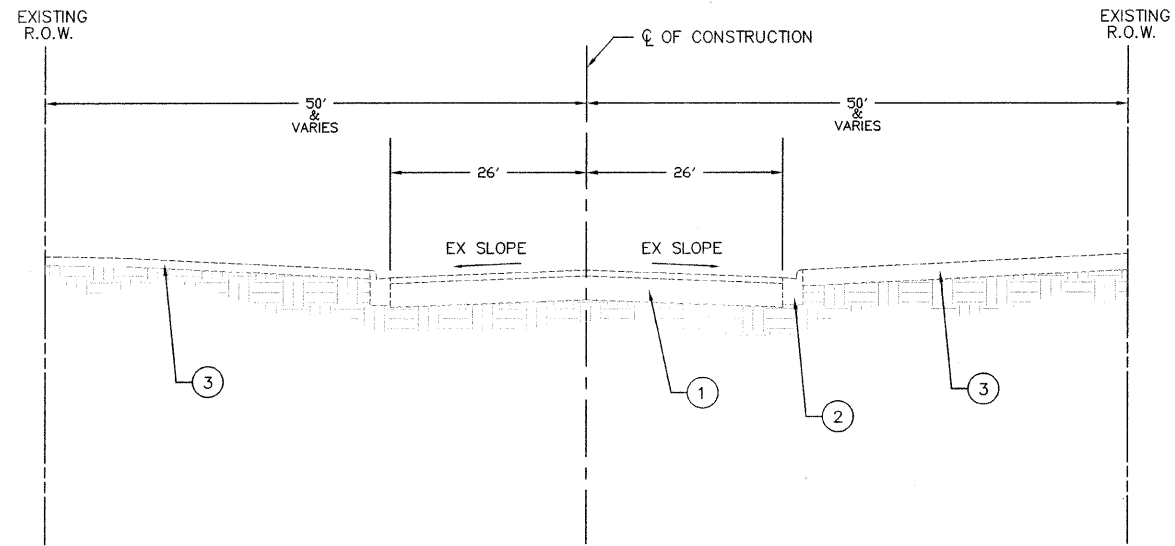
BM NO. 1	CROSS CUT IN NORTHEAST FLANGE BOLD ON FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF KEDZIE AVE. AND 159TH ST. (STA ±11+50) MARK IS 0.9' ABOVE GRADE.	EL = 615.69 (NAVD 88)
BM NO. 2	CROSS CUT IN NORTHEAST FLANGEBOLT ON FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF KEDZIE AVE. AND 155TH ST. (STA ±36+90) MARK IS ±2.0' ABOVE GRADE.	EL = 611.89 (NAVD 88)
BM NO. 3	CROSS CUT IN NORTHEAST FLANGEBOLT ON FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF KEDZIE AVE. AND 151ST ST. MARK IS ±1.6' ABOVE GRADE.	EL = 609.87 (NAVD 88)



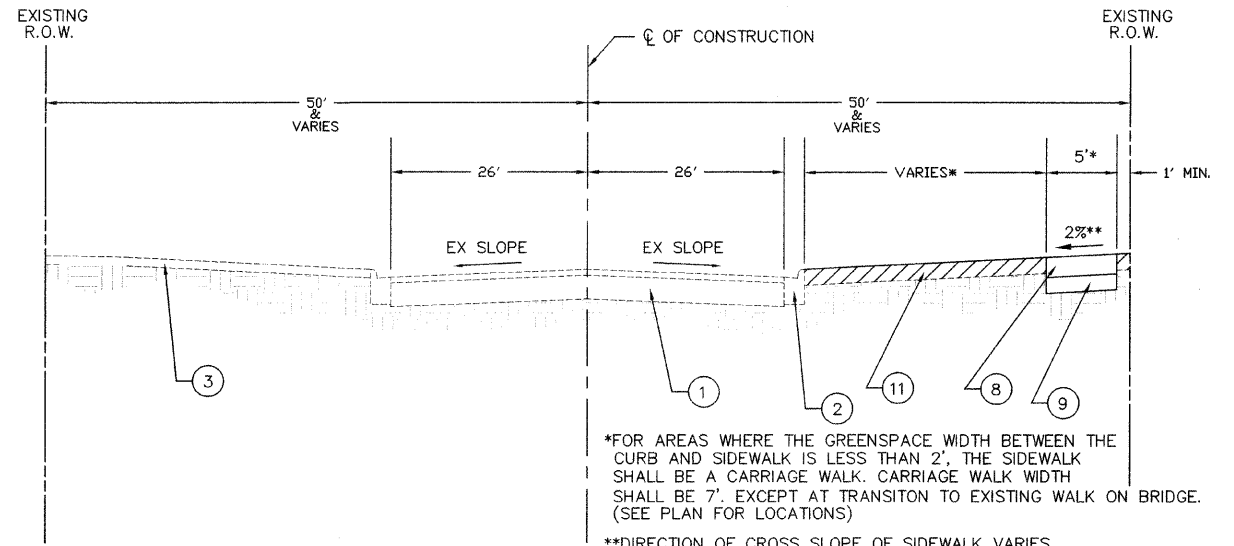
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	PLOT DATE = 08/27/09 - 16:00 by gjeff	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST. SIDEWALK CONSTRUCTION SUMMARY OF QUANTITIES AND GENERAL NOTES		F.A.U. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 2
SCALE:	SHEET NO. 2 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO 63421		
				FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT ARA 9003(395)	



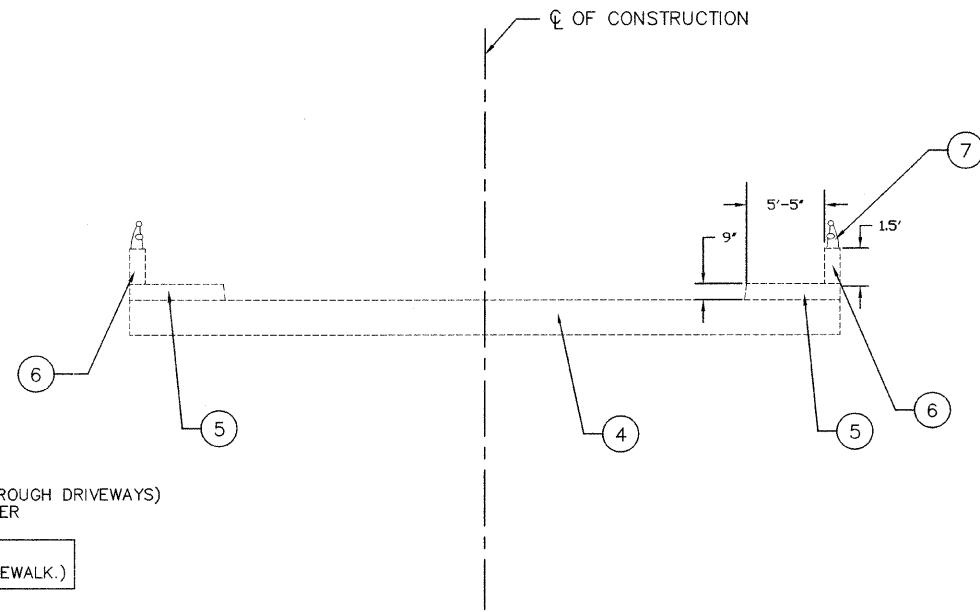
EXISTING TYPICAL CROSS SECTION



*FOR AREAS WHERE THE GREENSPACE WIDTH BETWEEN THE CURB AND SIDEWALK IS LESS THAN 2', THE SIDEWALK SHALL BE A CARRIAGE WALK. CARRIAGE WALK WIDTH SHALL BE 7', EXCEPT AT TRANSITION TO EXISTING WALK ON BRIDGE. (SEE PLAN FOR LOCATIONS)
 **DIRECTION OF CROSS SLOPE OF SIDEWALK VARIES. SEE PLAN VIEW AND CROSS SECTION SHEETS.

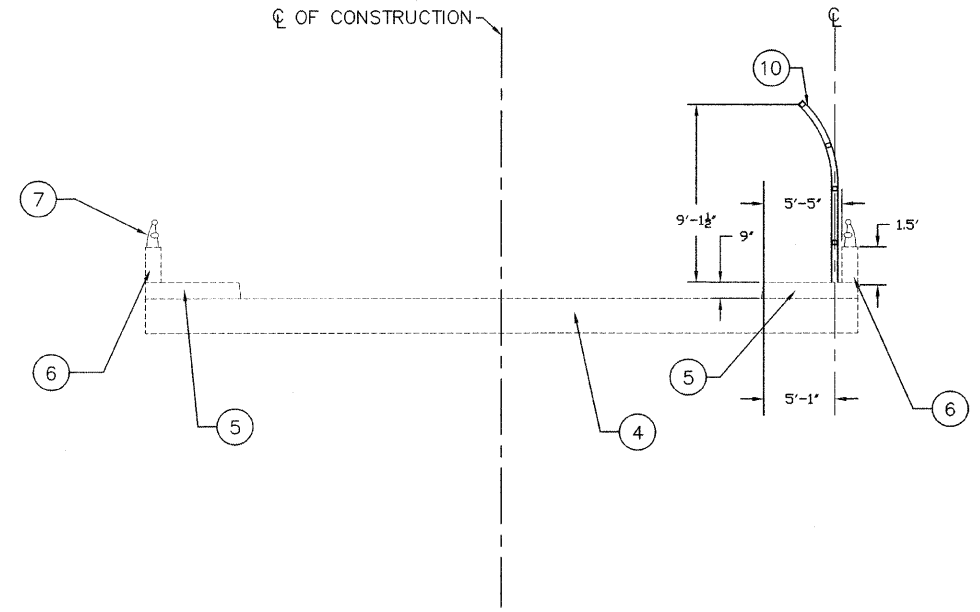
PROPOSED TYPICAL CROSS SECTION

- ① EXISTING ROADWAY
- ② EXISTING CURB & GUTTER
- ③ EXISTING PARKWAY
- ④ EXISTING BRIDGE
- ⑤ EXISTING SIDEWALK
- ⑥ EXISTING CONCRETE PARAPET
- ⑦ EXISTING TYPE L BRIDGE RAIL
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH (8-INCH THROUGH DRIVEWAYS) AT LOCATIONS AS SHOWN ON PLANS OR DIRECTED BY ENGINEER
- ⑨ PROPOSED 4" (COMPACTED) AGGREGATE BASE COUSE (CA-6) (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK.)
- ⑩ BRIDGE FENCE RAILING (SIDEWALK) (SEE DETAIL)
- ⑪ PARKWAY RESTORATION (4" TOPSOIL & CLASS 2A SEED WITH EROSION CONTROL BLANKET) (LIMITS TO BE AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.)



EXISTING TYPICAL BRIDGE CROSS SECTION

(BRIDGE STRUCTURE NUMBER 0162126)



PROPOSED TYPICAL BRIDGE CROSS SECTION

(BRIDGE STRUCTURE NUMBER 0162126)

MIXTURE TYPE	AIR VOIDS • N _{DES}
DRIVEWAYS	
HOT MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL-9.5mm) 3"	4% @ 50 Gyr.
PATCHING, [REDACTED]	
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5mm) 1 1/2"	4% @ 70 Gyr.
CLASS D PATCHES, TYPE I, 6 INCH (HMA BINDER IL-19.0mm)	

NOTE:
 1. 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

NOTE:
 IT IS OUR UNDERSTANDING THAT IDOT INTENDS TO REMOVE AND RECONSTRUCT THE I-57 BRIDGE (STRUCTURE NUMBER 0162126) AS PART OF THE FUTURE I-57/I-294 INTERCHANGE WHICH IS CURRENTLY IN PHASE 1 ENGINEERING.

FILE NAME =	USER NAME =	DESIGNED -- GGA/JDH	REVISED -- 11-30-09
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		CHECKED -- MAW	REVISED --
		DATE --	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.	
SIDEWALK CONSTRUCTION	
TYPICAL SECTIONS	
SCALE:	SHEET NO. 3 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	3
FED. ROAD DIST. NO. 1 ILLINOIS				FED. AID PROJECT ARA 9003(395)

CONTRACT NO. 63421

DRIVEWAY SCHEDULE					
				4400200	XX006806
	DRIVEWAY	DRIVEWAY	DRIVEWAY	DRIVEWAY PAVEMENT	HMA DRIVEWAY
	WIDTH (FT)	LENGTH (FT)	AREA (SQ FT)	REMOVAL (SQ YD)	PAVEMENT (SQ YD)
STA.					
13+00	28.5	17	4845	54	38
17+00	5	10	50	5.6	0
				59.6	38
				SY	SY

8" THICK SIDEWALK THROUGH DRIVEWAY SCHEDULE			
			42400410
			PORTLAND CEMENT
	SIDEWALK	SIDEWALK	CONC. SIDEWALK, 8"
STA.	WIDTH (FT)	LENGTH (FT)	AREA (SQ FT)
13+00	5	30	150
17+00	5	10	50
18+00	5	26	130
			330
			SF

PIPE TABLE						
						20800150
			DIA.	LENGTH	SLOPE	TRENCH BACKFILL
START STA.	END STA.	DESCRIPTION	(IN)	(FT)	(%)	(CY)
21+77.5	23+00	SS T1 RCP CL IV	15	125	0.72	37.0
34+94	35+00	SS T1 RCP CL IV	12	10	0.50	3.0
						40
						CY

CURB & GUTTER REMOVAL AND REPLACEMENT SCHEDULE			
			44001700
			COMB C C&G
			REM & REPL
STA.	LOCATION	STREET	LENGTH (FT)
12+94	N. SIDE	WALGREENS ENTR.	8
16+40	S. SIDE	158TH STREET	14
16+88	N. SIDE	158TH STREET	9
36+25	S. SIDE	155TH STREET	13
36+90	N. SIDE	155TH STREET	13
63+50	S. SIDE	153RD STREET	8
			65
			LF

STRUCTURE ADJUSTMENT SCHEDULE					
				XX002258	60406500
		EXISTING RIM	ADJUSTED RIM	STRUCTURES TO	FRAME &
STA.	OFFSET	ELEVATION	ELEVATION	BE ADJUSTED	LIDS SPECIAL
				(EACH)	(EACH)
36+00.63	8.5' RIGHT	609.58	610.6	1	
46+97.16	4.2' RIGHT	629.72	629.3		1
				1	1
				EACH	EACH

RELOCATE SIGN PANEL ASSEMBLY			
		72400500	72400600
STA.	OFFSET	TYPE A	TYPE B
14+35	12.5' RIGHT	1	
15+91	1.5' RIGHT	1	
24+60	6.0' RIGHT		1
33+18	11.0' RIGHT	1	
35+30	2.5' RIGHT	1	
35+76.5	8.0' RIGHT	1	
38+40	10.0' RIGHT	1	
40+30	10.0' RIGHT	1	
43+32.8	9.0' RIGHT	1	
46+22.5	9.5' RIGHT	1	
53+61.7	9.0' RIGHT		1
54+65.6	9.0' RIGHT	1	
60+30	3.5' RIGHT		1
61+54	3.0' RIGHT	1	
		11	3
		EACH	EACH

DRAINAGE STRUCTURE TABLE											
							INVERT				
STA.	OFFSET	MH	CB	INL	ES	F&G	N	S	W	E	RIM ELEV
21+77.5	10.0' RIGHT		TYPE A			T8	608.06		608.06		611.2
23+00	16.4' RIGHT	TYPE A				T1FCL	608.96	608.96			611.85
34+94	13.0' RIGHT		TYPE A			T8			605.5		608.6

NOTE:
 1. ALL QUANTITIES SHOWN IN THE SCHEDULES ARE APPROXIMATE. THE ENGINEER WILL LOCATE ALL IMPROVEMENTS IN THE FIELD PRIOR TO CONSTRUCTION. PAYMENT SHALL BE BASED ON ACTUAL FIELD MEASUREMENTS.
 2. ALL OFFSETS ARE FROM EXISTING BACK OF CURB ALONG THE EAST SIDE OF KEDZIE AVENUE.

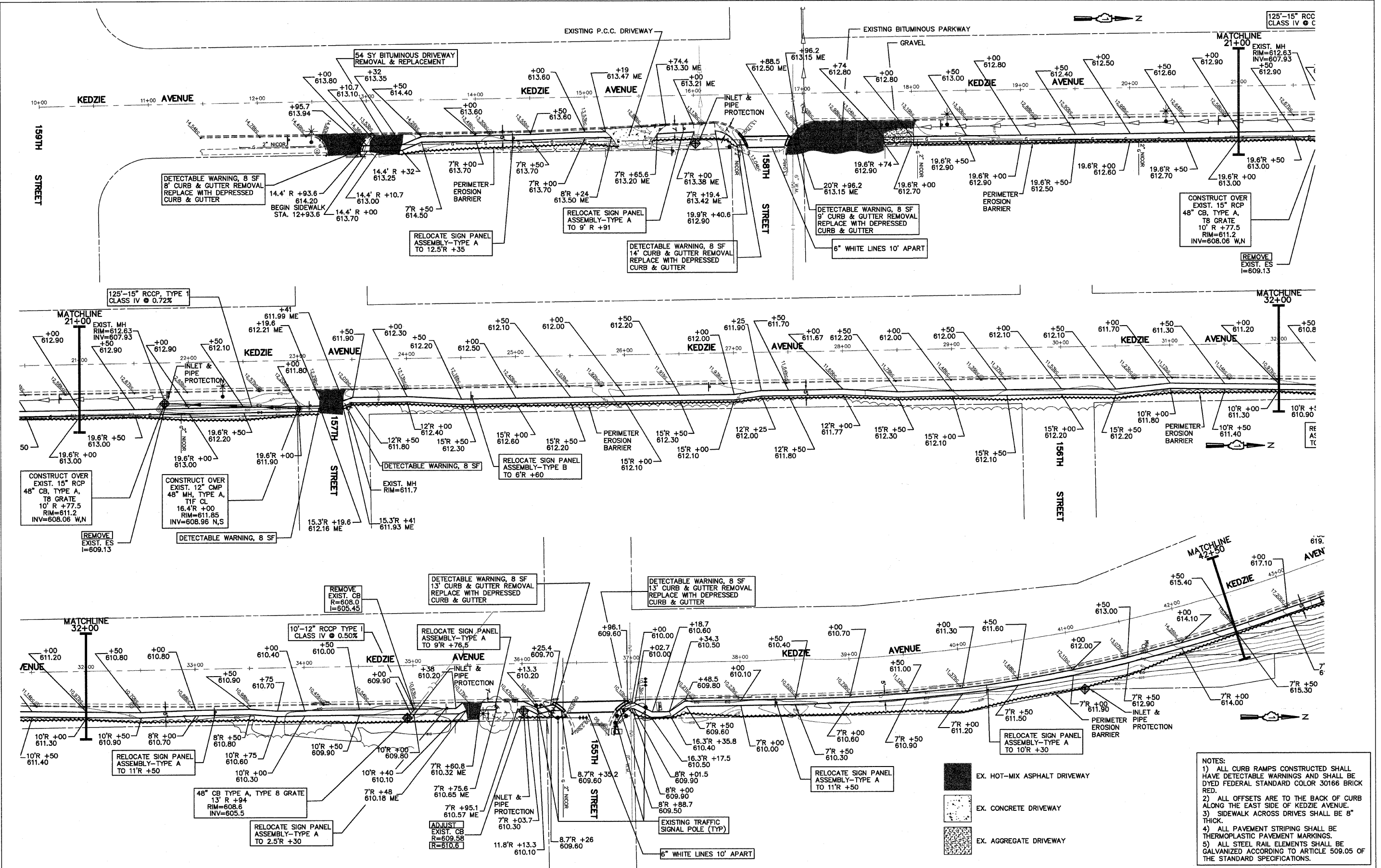
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
SCHEDULE OF QUANTITIES**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	4
SCALE:			SHEET NO. 4 OF 19 SHEETS	STA. TO STA.
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT ARA 9003(395)	

CONTRACT NO. 63421



- NOTES:**
- 1) ALL CURB RAMPS CONSTRUCTED SHALL HAVE DETECTABLE WARNINGS AND SHALL BE DYED FEDERAL STANDARD COLOR 30166 BRICK RED.
 - 2) ALL OFFSETS ARE TO THE BACK OF CURB ALONG THE EAST SIDE OF KEDZIE AVENUE.
 - 3) SIDEWALK ACROSS DRIVES SHALL BE 8" THICK.
 - 4) ALL PAVEMENT STRIPING SHALL BE THERMOPLASTIC PAVEMENT MARKINGS.
 - 5) ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.

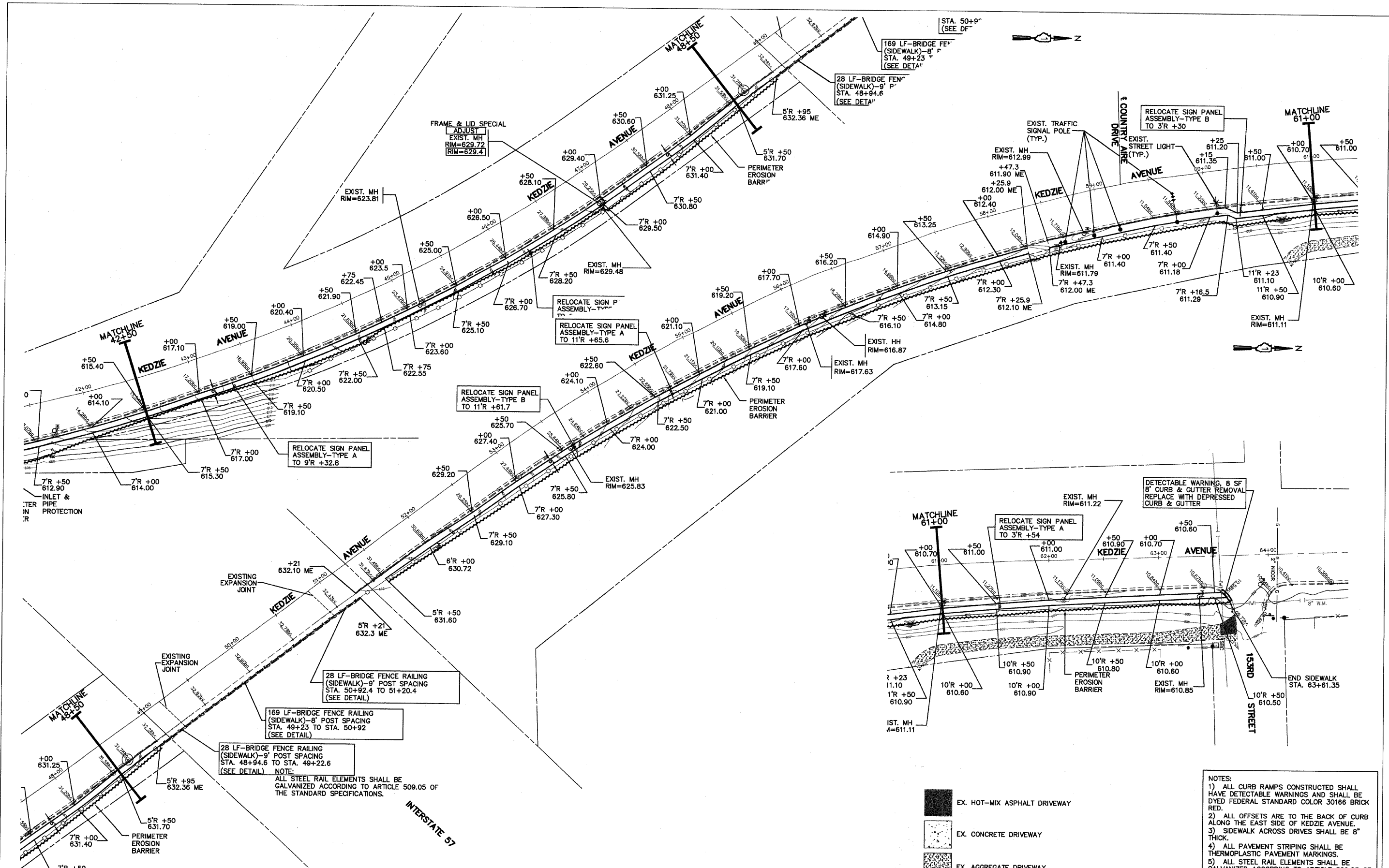
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	PLOT DATE = 11/30/09 - 20:00 by Mark		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

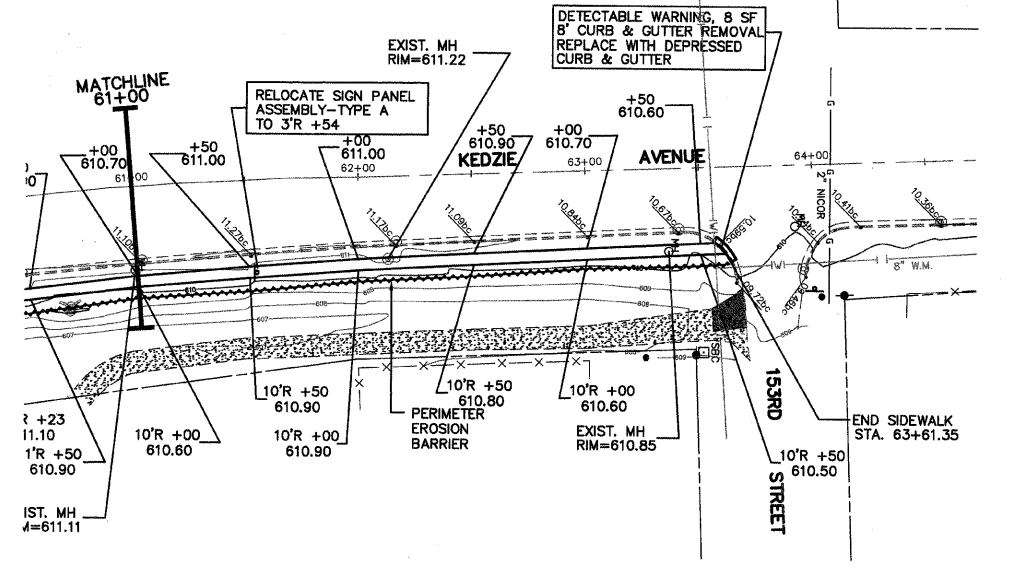
**KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
SIDEWALK PLAN**




SCALE: 1"=40' SHEET NO. 5 OF 19 SHEETS STA. TO STA.

F.A.U. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 5
CONTRACT NO. 63421				
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA 9003(395)		



NOTE:
ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.



-  EX. HOT-MIX ASPHALT DRIVEWAY
-  EX. CONCRETE DRIVEWAY
-  EX. AGGREGATE DRIVEWAY

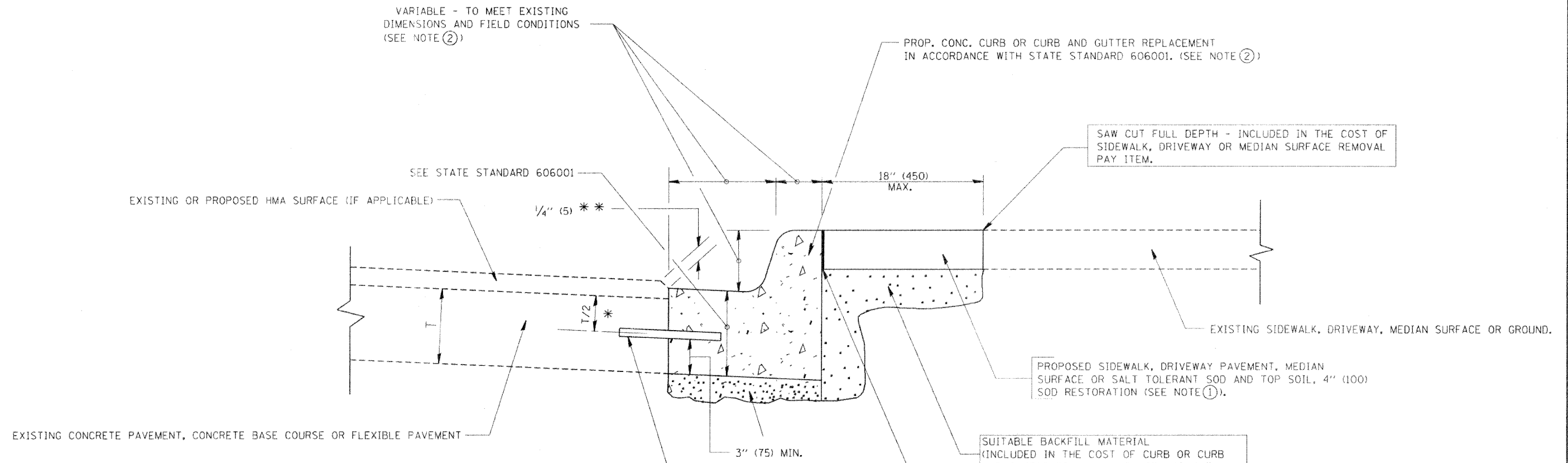
- NOTES:
- 1) ALL CURB RAMPS CONSTRUCTED SHALL HAVE DETECTABLE WARNINGS AND SHALL BE DYED FEDERAL STANDARD COLOR 30166 BRICK RED.
 - 2) ALL OFFSETS ARE TO THE BACK OF CURB ALONG THE EAST SIDE OF KEDZIE AVENUE.
 - 3) SIDEWALK ACROSS DRIVES SHALL BE 8" THICK.
 - 4) ALL PAVEMENT STRIPING SHALL BE THERMOPLASTIC PAVEMENT MARKINGS.
 - 5) ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.

FILE NAME = H:\09\09-024\PLANS\PLAN.dwg	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11-30-09
		DRAWN - GGA/BKL/BJS	REVISED -
	PLOT SCALE =	CHECKED - MAW	REVISED -
	PLOT DATE = 11/30/09 - 20:00 by Mark	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST. SIDEWALK CONSTRUCTION SIDEWALK PLAN	
SCALE: 1"=40'	SHEET NO. 6 OF 19 SHEETS
STA. _____	TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	6
CONTRACT NO. 63421				
FED. ROAD DIST. NO. 1		ILLINOIS		
FED. AID PROJECT ARA 9003(395)				



- * 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.

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).

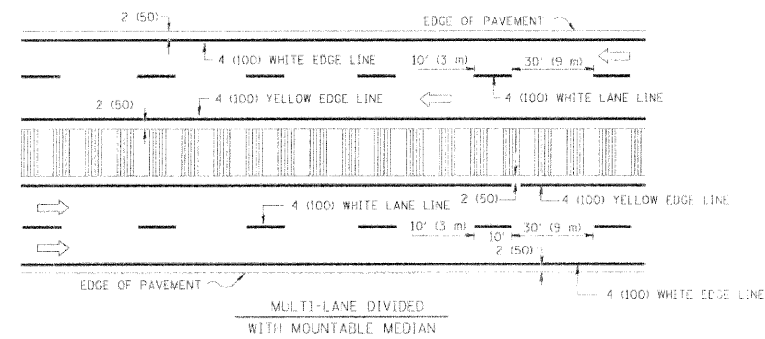
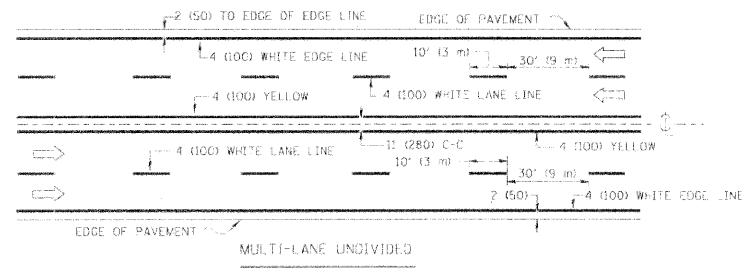
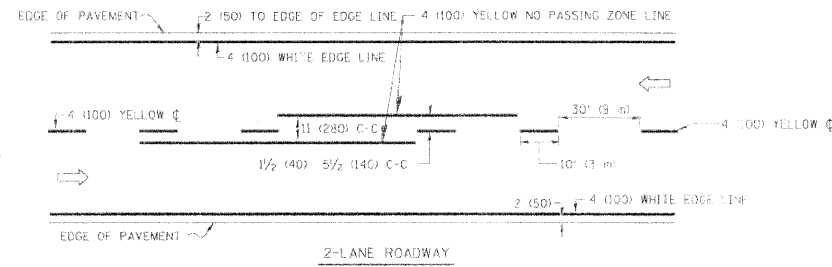
BASIS OF PAYMENT:

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

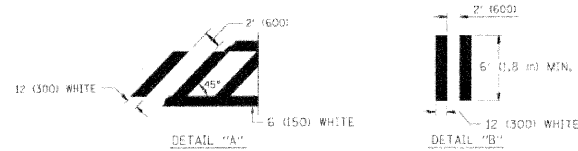
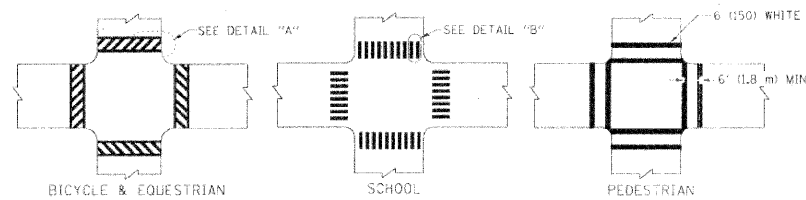
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME: w:\distscd\22-34\bd24.dgn	USER NAME: geglernobt	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: 50.000' / 1" IN.	DRAWN -	REVISED - A. ABBAS 03-21-97			2831	09-00041-00-SW	COOK	19	7
	PLOT DATE: 1/4/2008	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 63421		
		DATE: 03-11-94	REVISED - R. BORO 01-01-07	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				

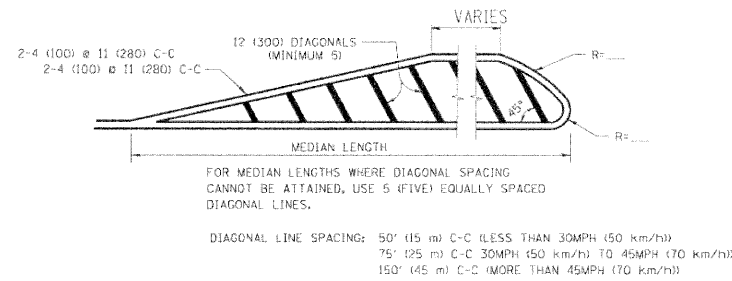
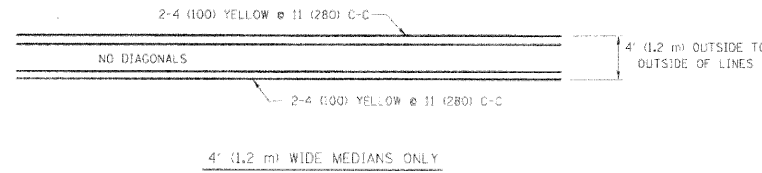


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

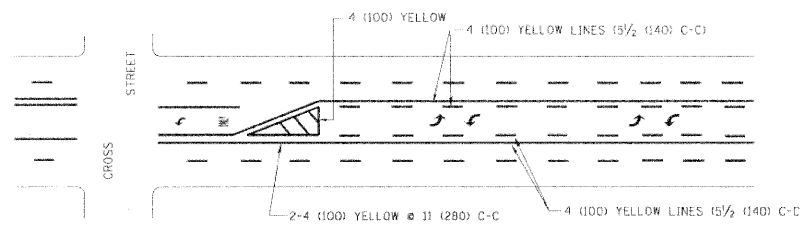
TYPICAL LANE AND EDGE LINE MARKING



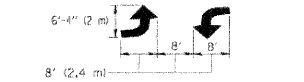
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE

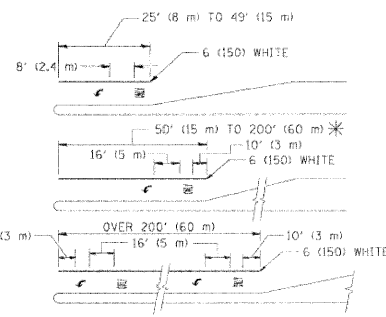


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

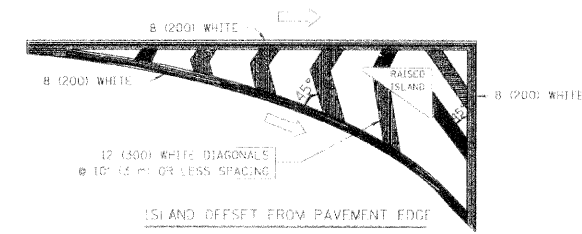
TYPICAL PAINTED MEDIAN MARKING



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



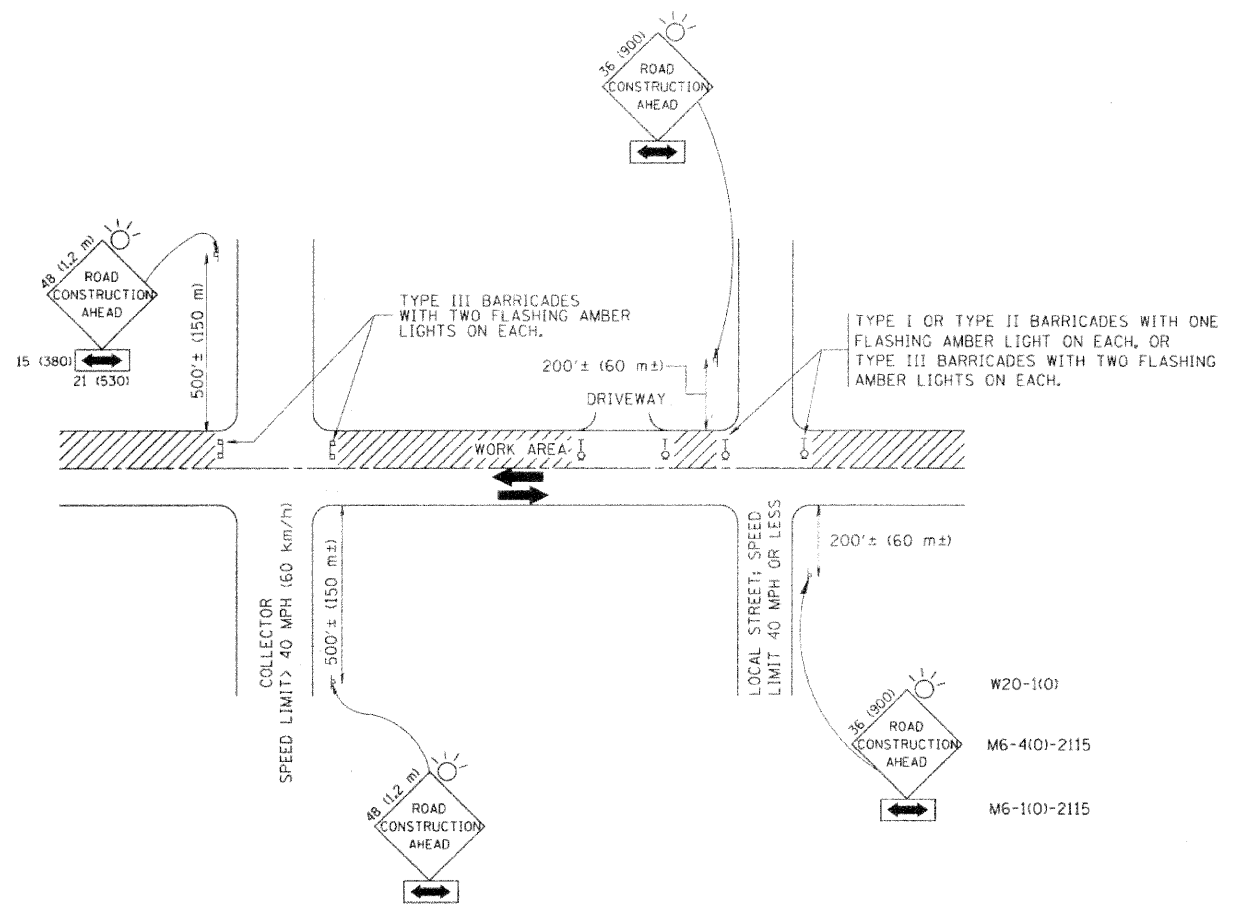
TYPICAL ISLAND MARKING

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 6M/T 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' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO-WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) 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.
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" 15' (4.5 m) MIN. LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 78001 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 78001.

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

FILE NAME: cr\pav\mark\new\dot\dr\evk\design\00128315\103.dgn	USER NAME: dr\evk\design	DESIGNED: EVERS	REVISED: T. RAMMACHER 10-27-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	P.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
PLT SCALE: 50,000 1/2 IN.	CHECKED:	REVISED: C. JUICIUS 09-09-09	2831			09-00041-00-SW	COOK	19	8	
PLT DATE: 3/17/2009	DATE: 03-19-90	REVISED:	TC-13			CONTRACT NO. 63421				
SCALE: NONE						SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT ARA 9003(395)		



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. 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:
 - a) 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 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.
 - 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 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.

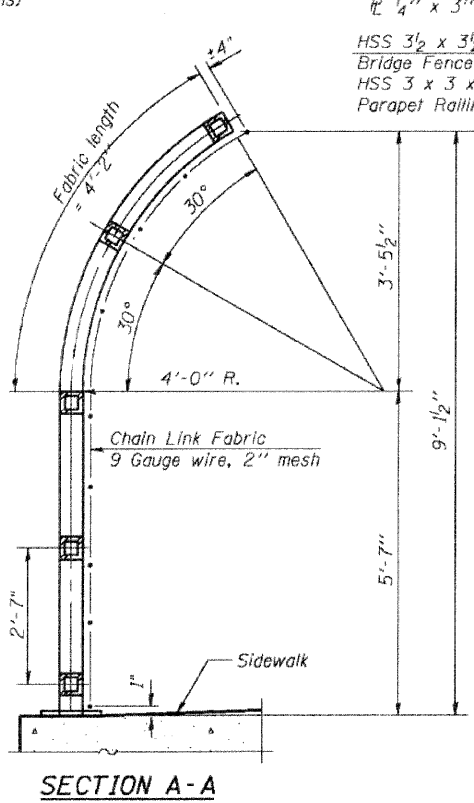
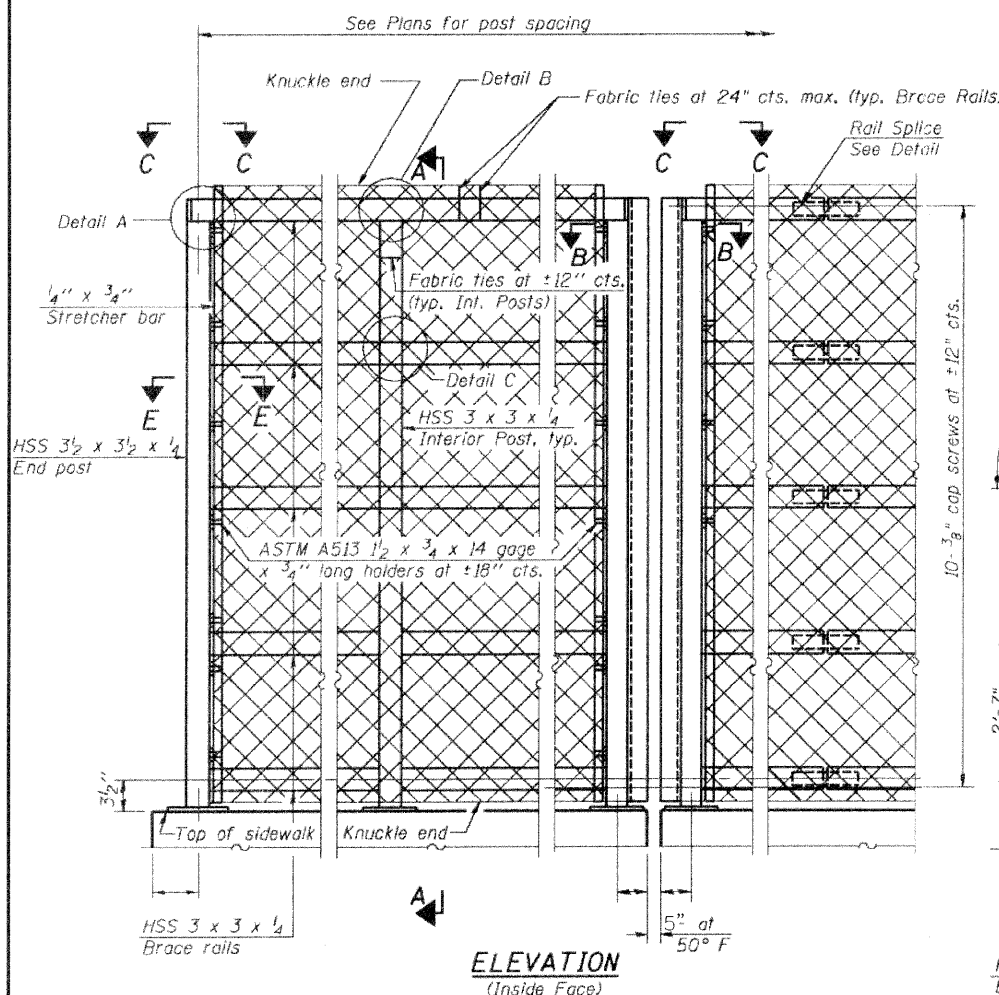
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		DRAWN : -	REVISED : A. HOUSEH 03-06-96
	PLOT SCALE : 50.000 1 / IN.	CHECKED : -	REVISED : A. HOUSEH 10-15-96
	PLOT DATE : 1/4/2000	DATE : 06-89	REVISED : T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	9
TC-10			CONTRACT NO. 63421	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



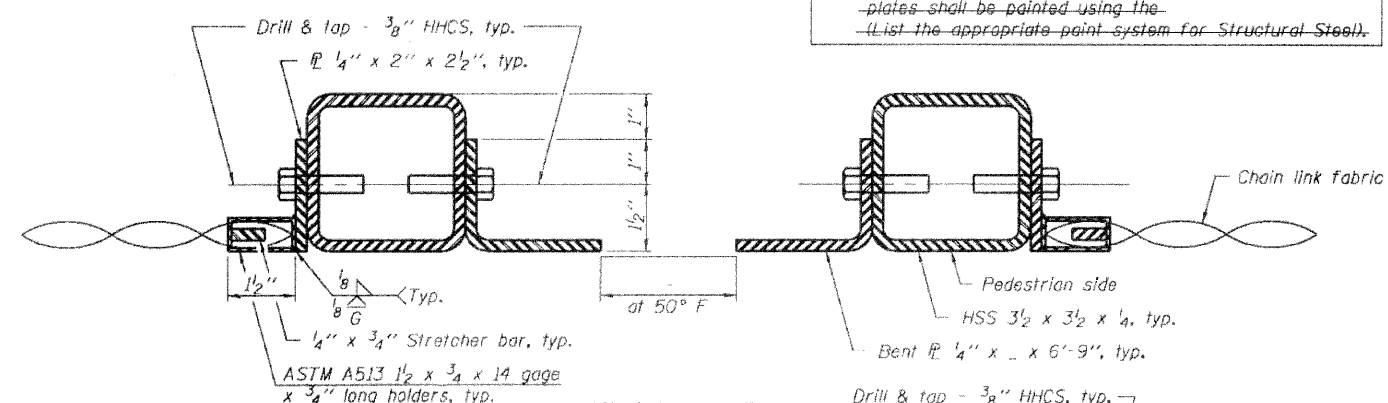
HSS 3/2 x 3/2 x 1/4
Bridge Fence Railing
HSS 3 x 3 x 1/4
Parapet Railing

DETAIL A

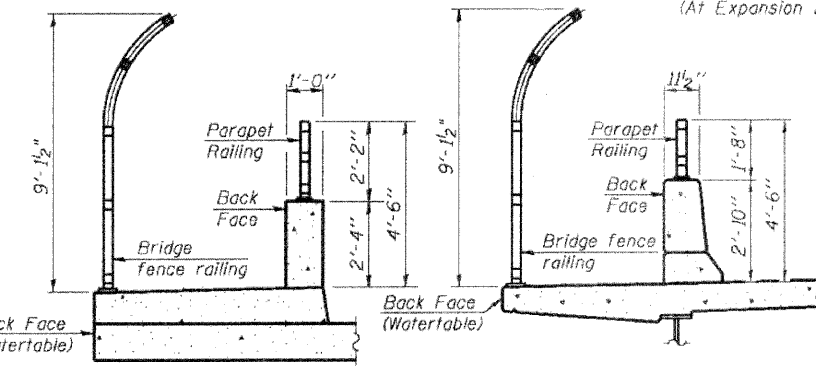
DETAIL B

DETAIL C

The designer should add the appropriate note as applicable.
A. When railing is galvanized:
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
B. When railing is painted:
All post, railing, splices, anchor devices, and plates shall be painted using the (List the appropriate paint system for Structural Steel).

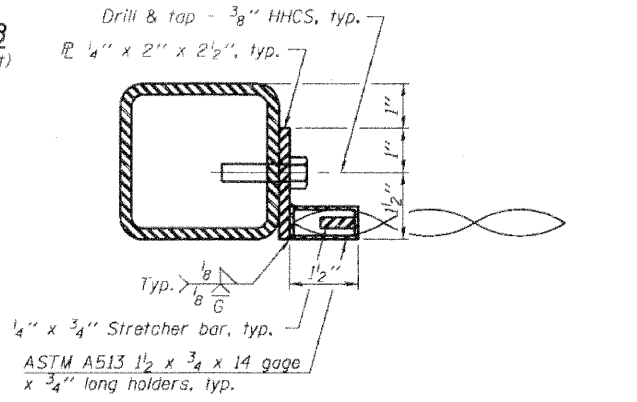


SECTION B-B
(At Expansion Joint)

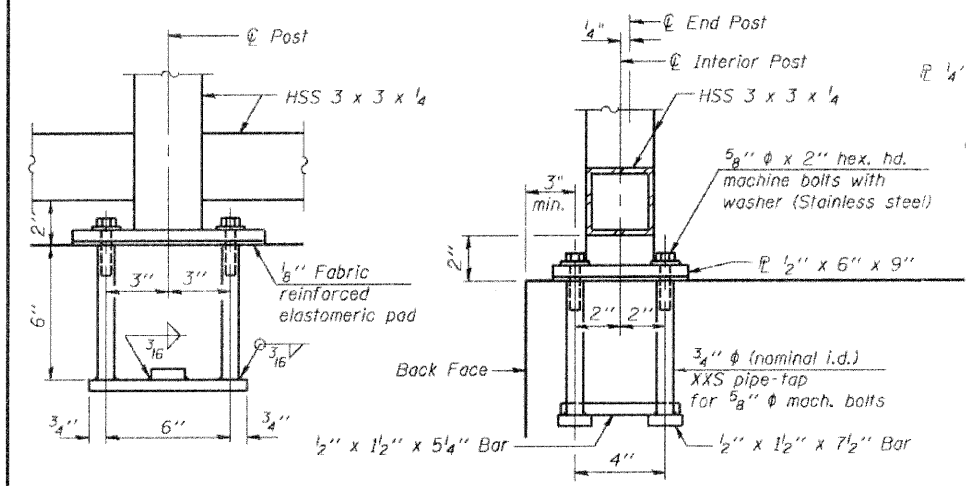


SECTION THRU SIDEWALK

SECTION THRU DECK

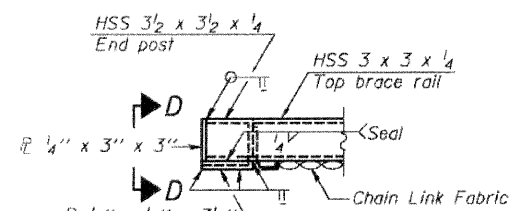


SECTION E-E

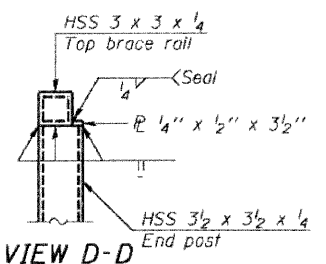


ANCHOR BOLT DETAILS

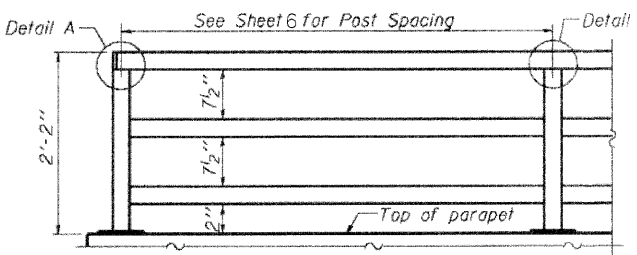
In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



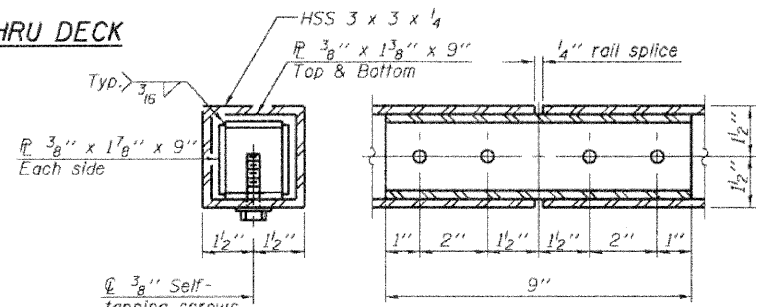
VIEW C-C



VIEW D-D



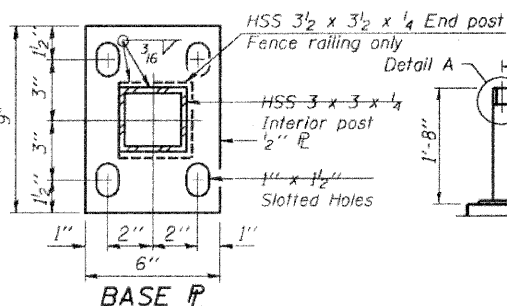
PARAPET RAILING
ELEVATION
(Inside Face of Three Element Rail)



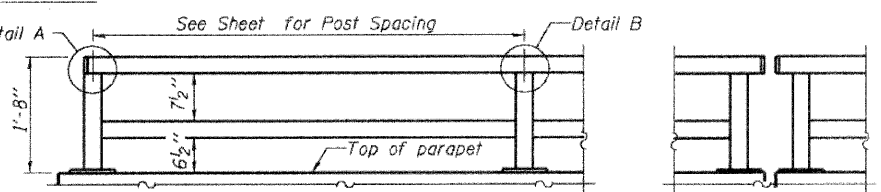
RAIL SPLICE

BILL OF MATERIAL

Item	Unit	Quantity
Bridge Fence Railing (Sidewalk)	Foot	225
Parapet Railing	Foot	



BASE P



PARAPET RAILING
ELEVATION
(Two Element Rail Shown - Three Element Rail Similar)

PARAPET RAILING
ELEVATION AT EXPANSION JOINT

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES

R-33 10-1-08 (10'-0" Maximum Post Spacing)

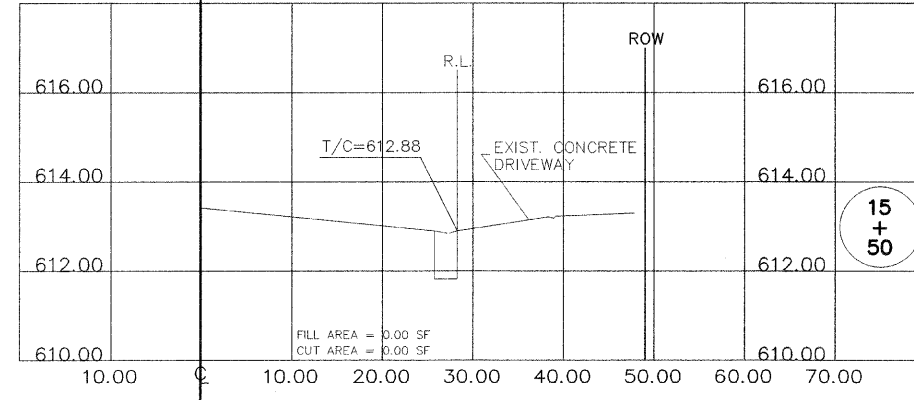
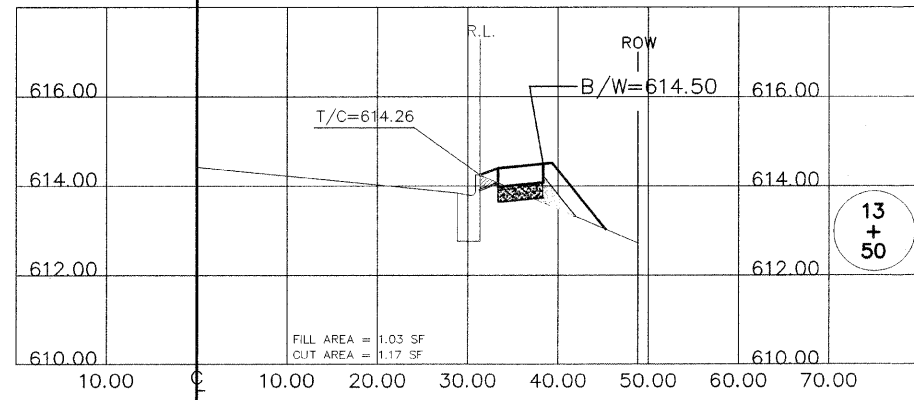
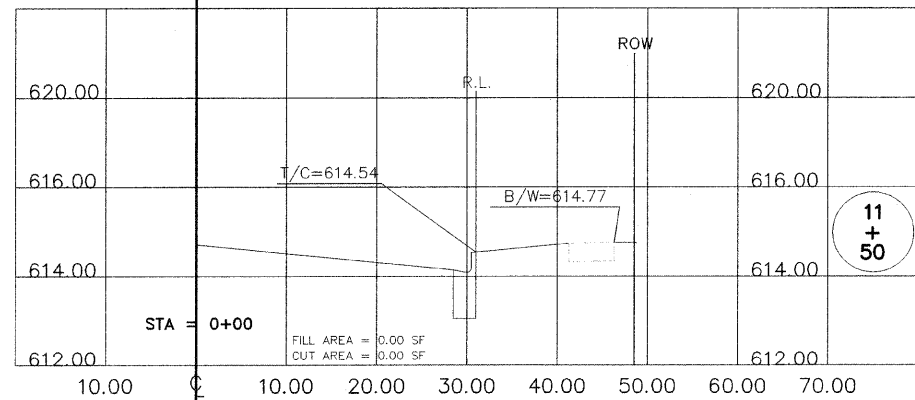
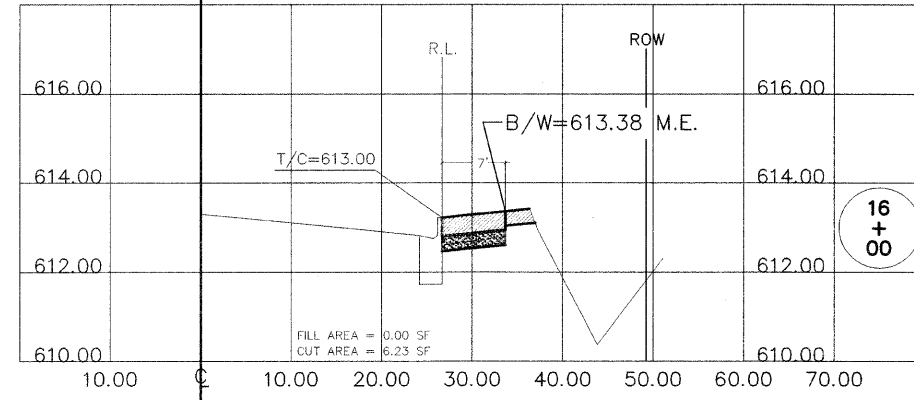
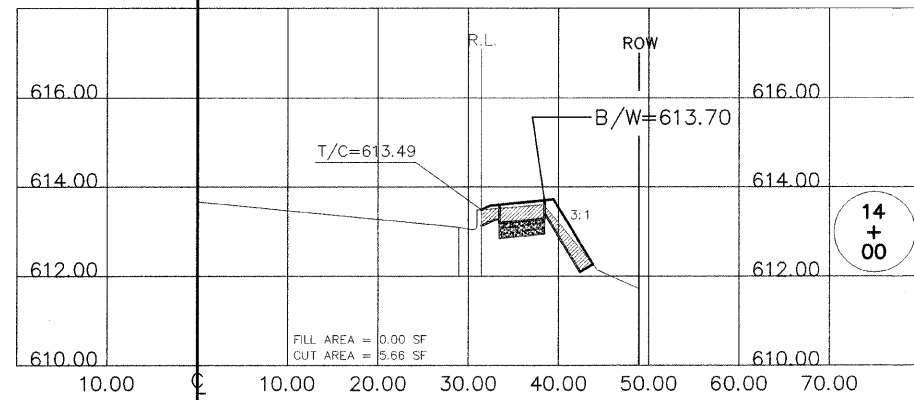
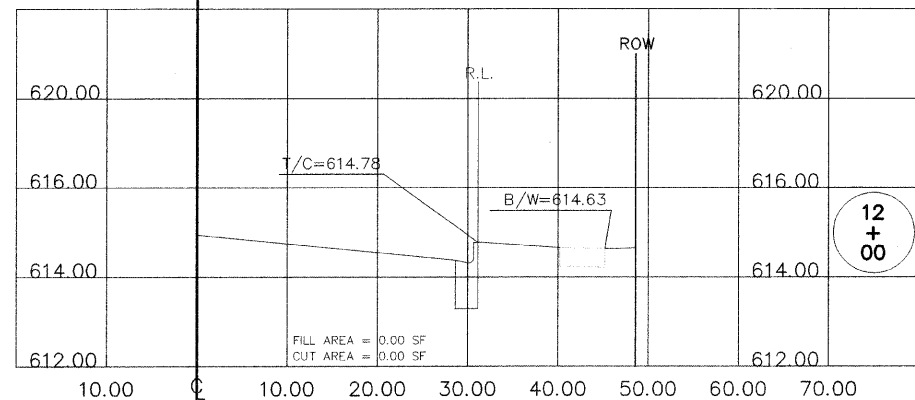
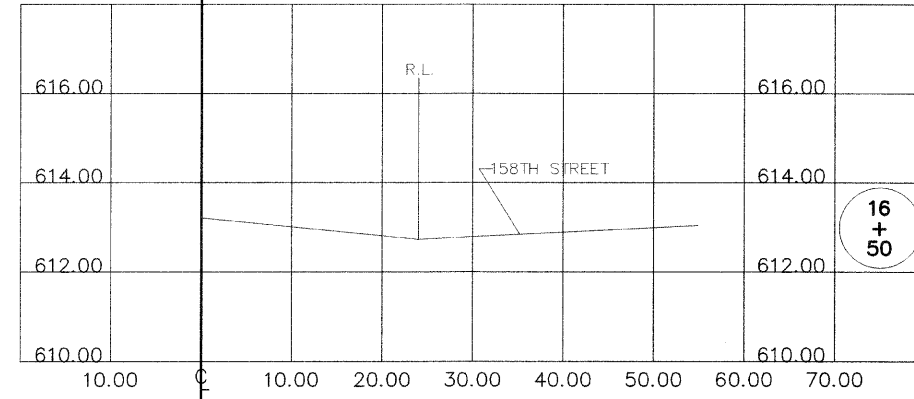
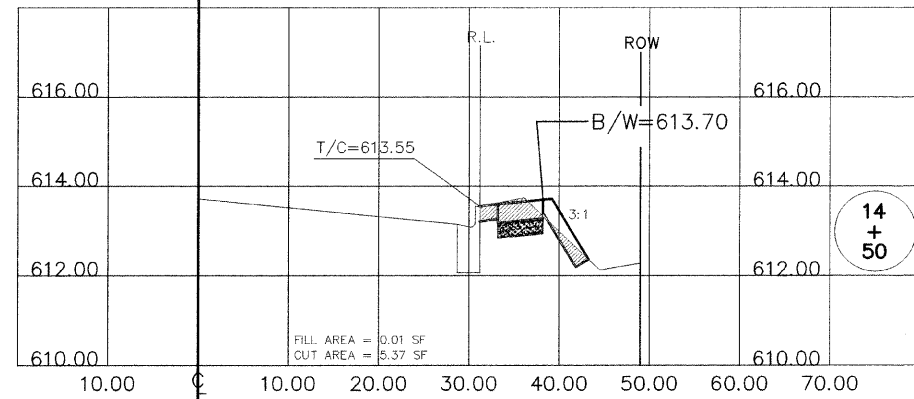
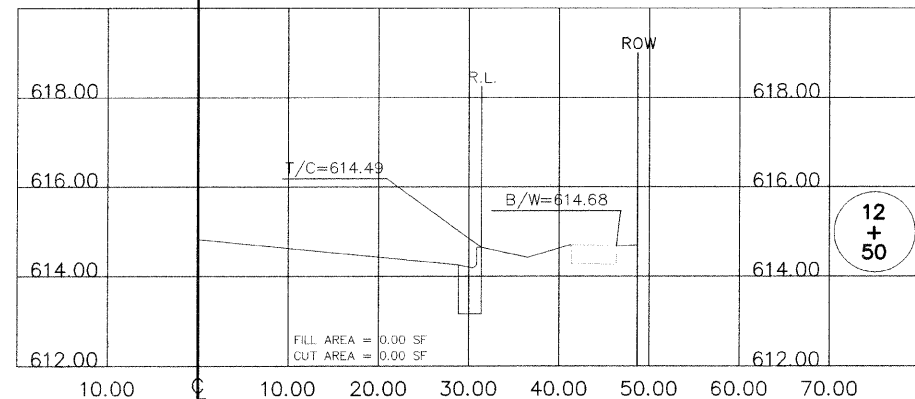
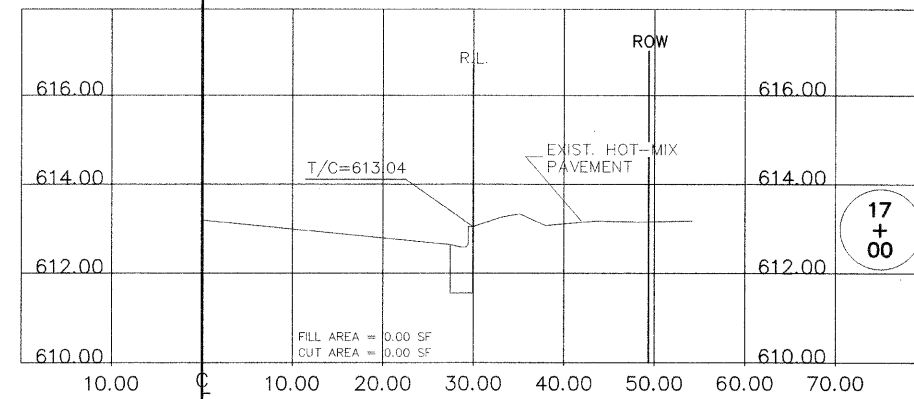
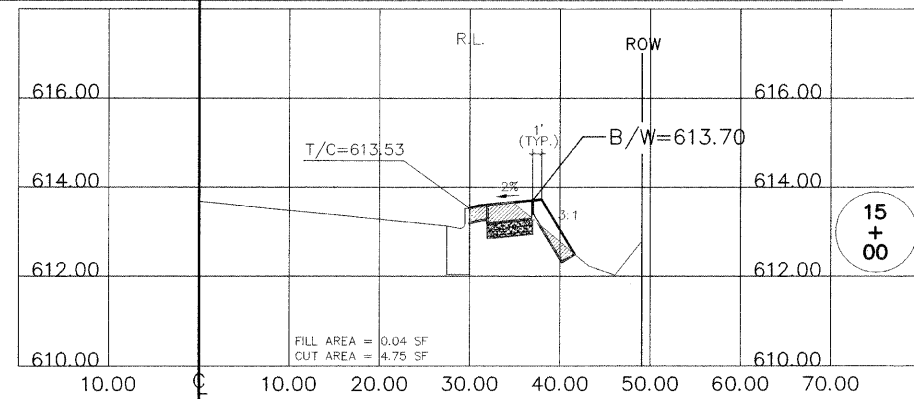
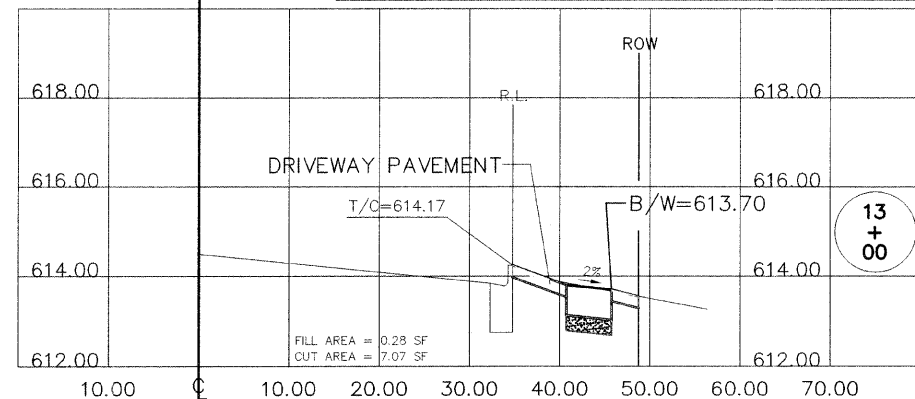
SHEET NO. 10	F.A. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 10
CONTRACT NO. 63421			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)		

BRIDGE FENCE RAILING
SIDEWALK MOUNTED
STRUCTURE NO. 0162126

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS

NOTES:

1. ALL SIDEWALKS AND PARKWAYS SHALL BE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
2. DITCH SIDE SLOPES SHALL BE 4:1 UNLESS OTHERWISE INDICATED.
3. DITCH BOTTOM WIDTH SHALL BE 2 FT. UNLESS OTHERWISE INDICATED.
4. FLAT AREA ADJACENT TO CURB SHALL BE 1.5 FT. MINIMUM.
5. FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA

FILL AREA

FILE NAME =	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11/30/09
R:\09\00-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg		DRAWN - GGA/BKL/BJS	REVISED -
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED - MAW	REVISED -
	PLOT DATE = 11/30/09 - 11:16 by JL	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS

SCALE: VERT-1"=2'
HORIZ-1"=10'

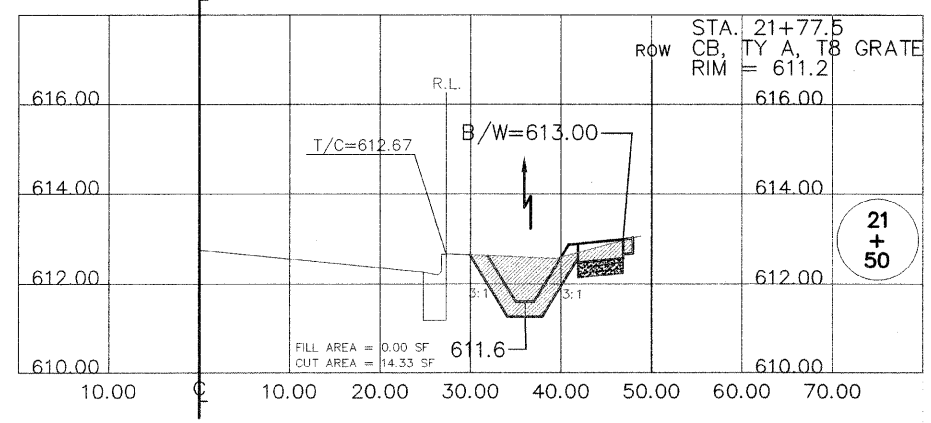
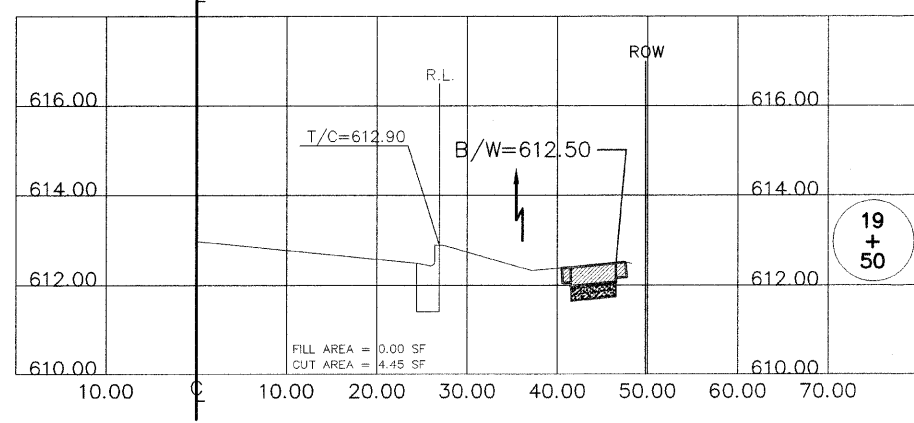
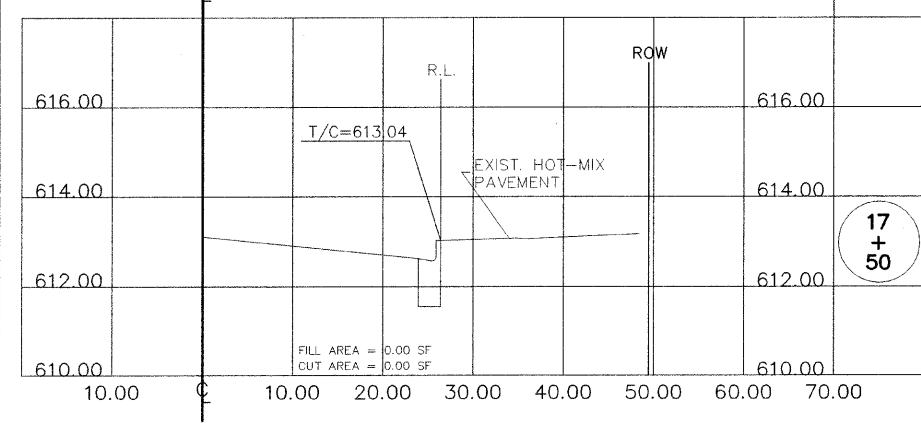
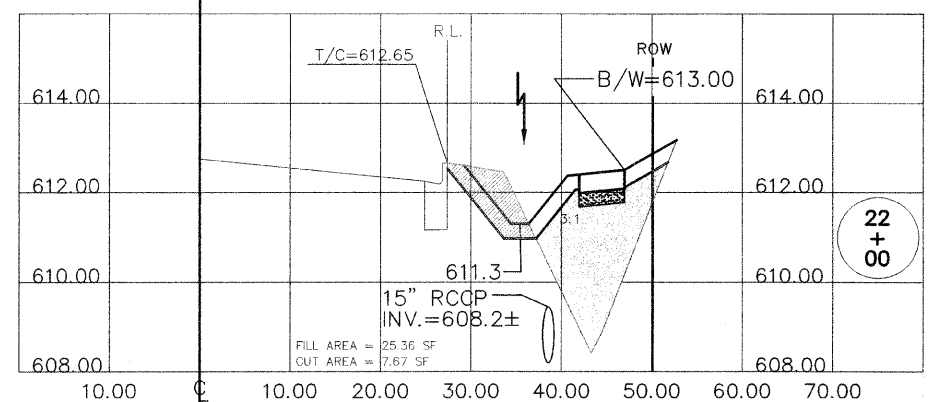
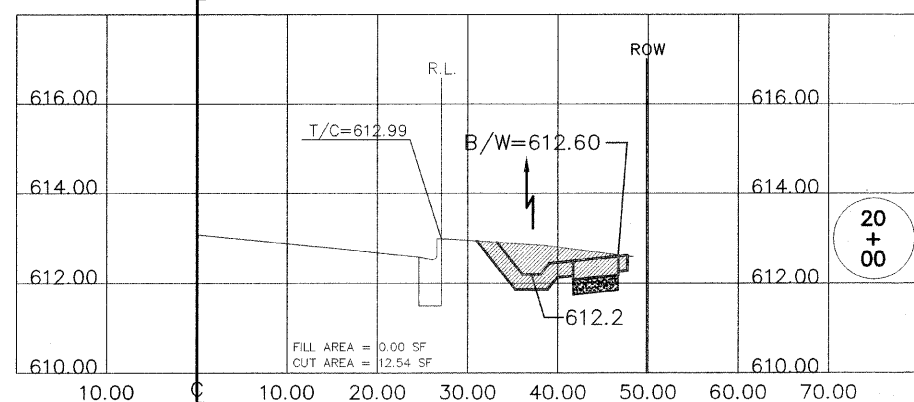
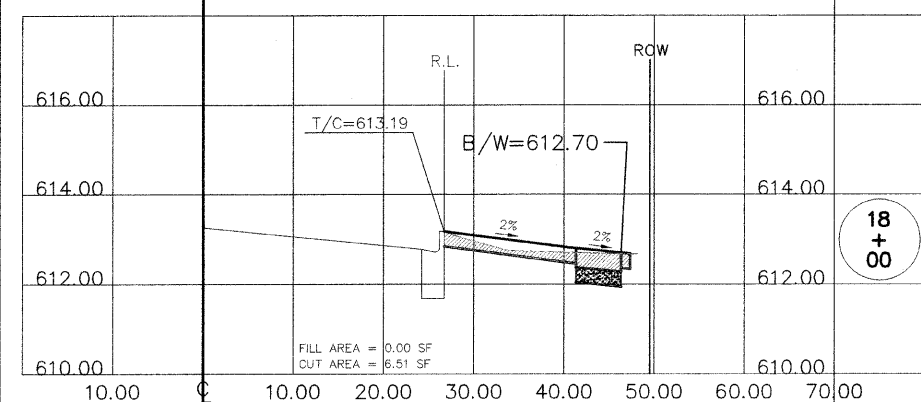
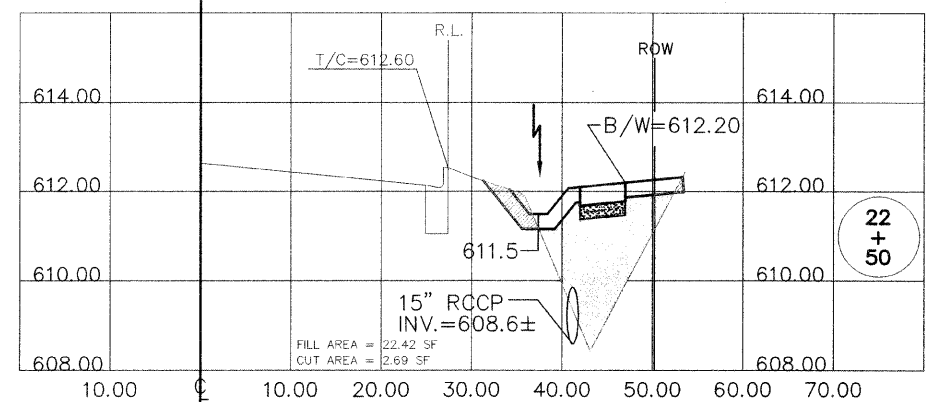
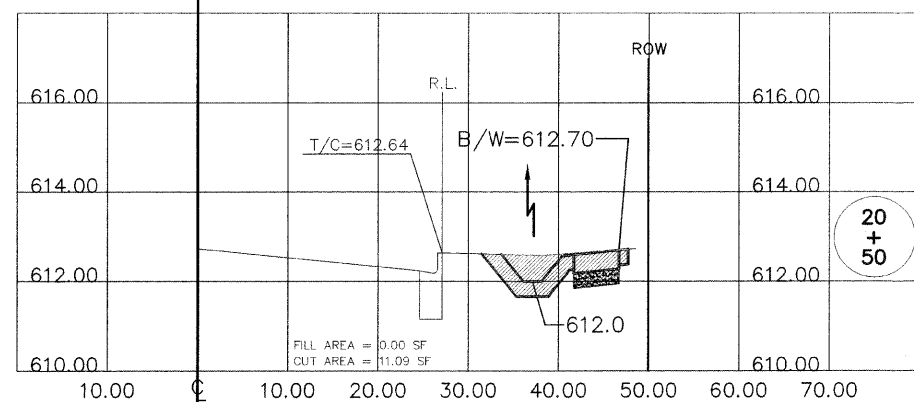
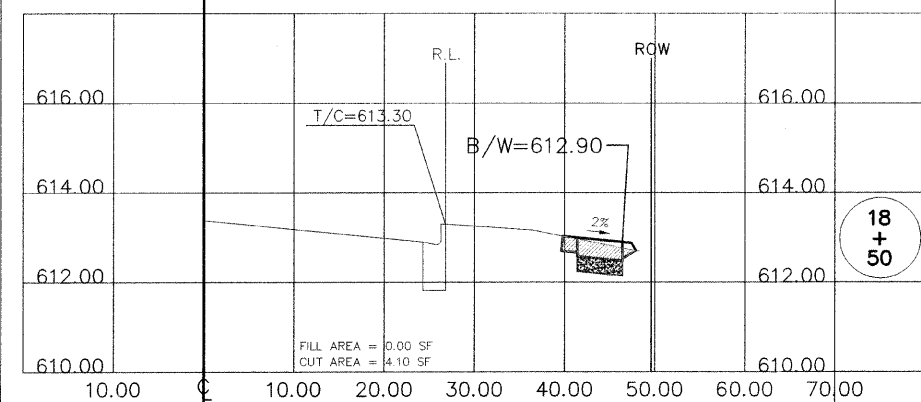
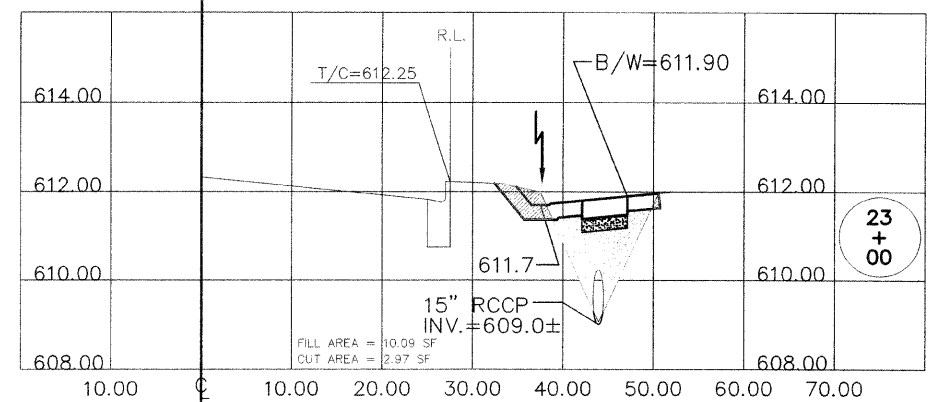
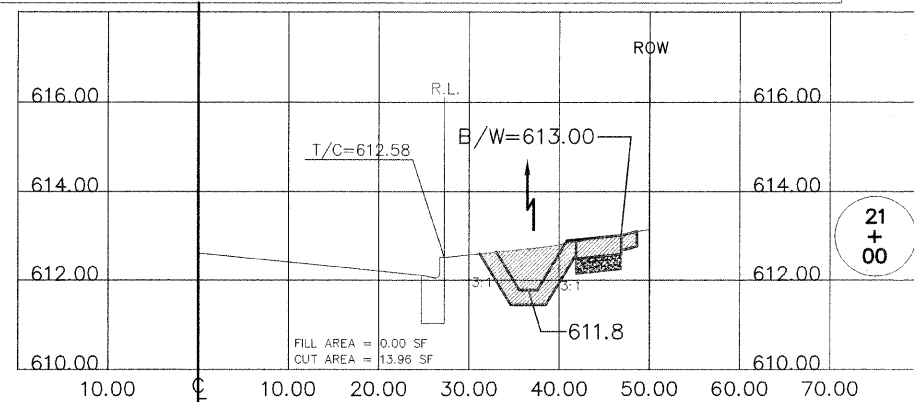
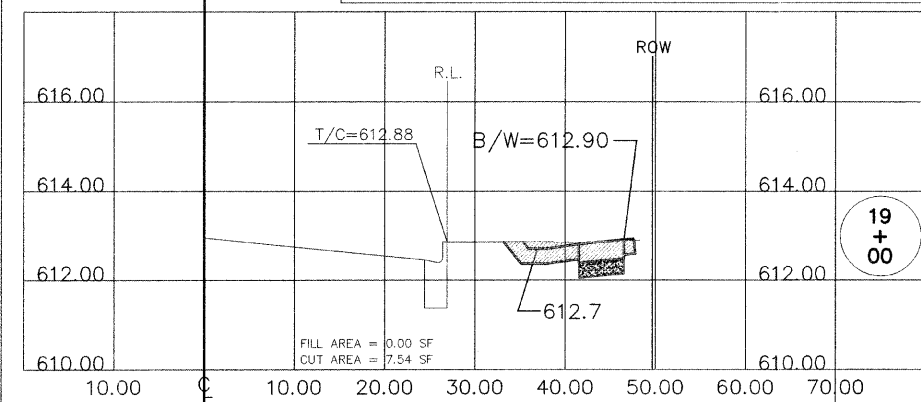
SHEET NO. 11 OF 19 SHEETS | STA. 11+50 TO STA. 17+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				

CONTRACT NO. 63421

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS

- NOTES:
 1. ALL SIDEWALKS AND PARKWAYS SHALL BE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
 2. DITCH SIDE SLOPES SHALL BE 4:1 UNLESS OTHERWISE INDICATED.
 3. DITCH BOTTOM WIDTH SHALL BE 2 FT. UNLESS OTHERWISE INDICATED.
 4. FLAT AREA ADJACENT TO CURB SHALL BE 1.5 FT. MINIMUM.
 5. FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA [Hatched Box]
 FILL AREA [White Box]

FILE NAME = H:\09\09-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg	USER NAME =	DESIGNED -- GGA/JDH	REVISED -- 11/30/09
		DRAWN -- GGA/BKL/BJS	REVISED --
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED -- MAW	REVISED --
	PLOT DATE = 11/30/09 - 11:16 by JH	DATE --	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

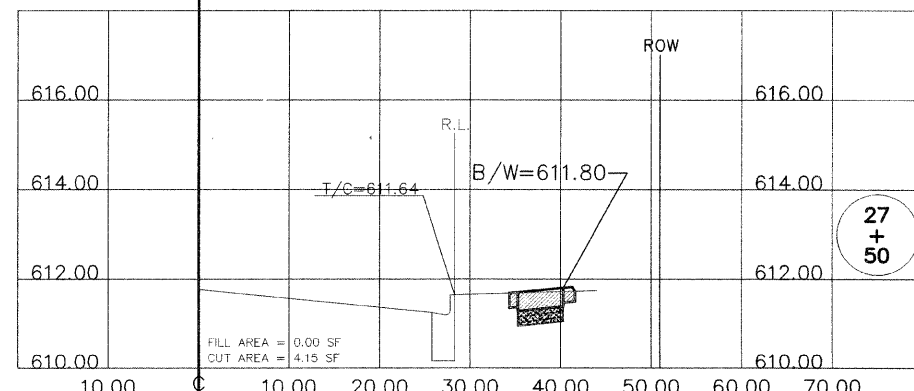
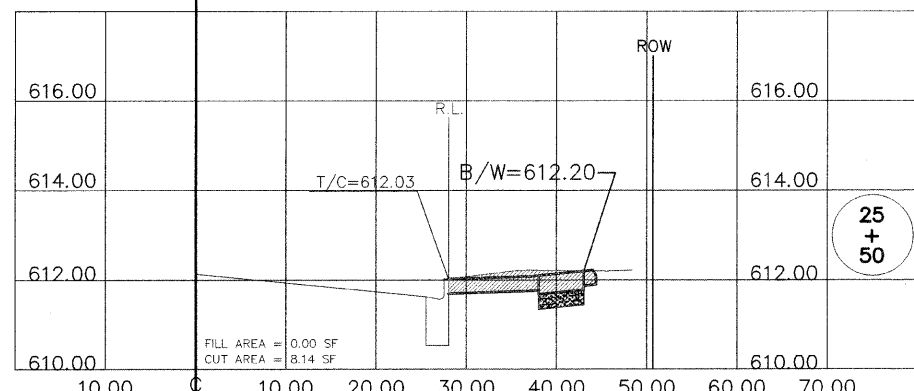
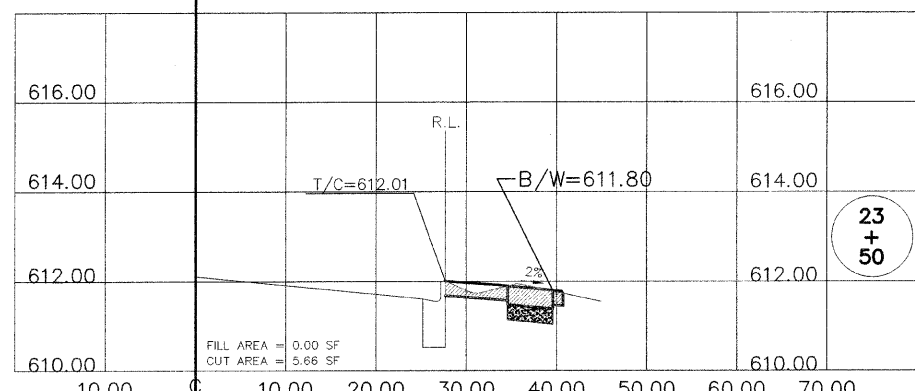
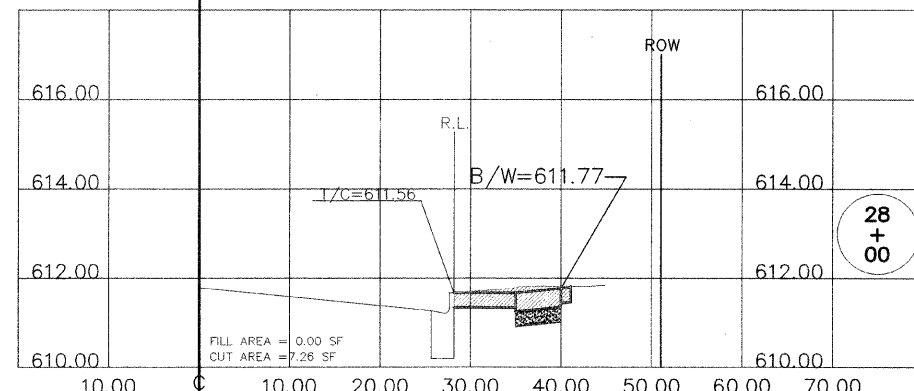
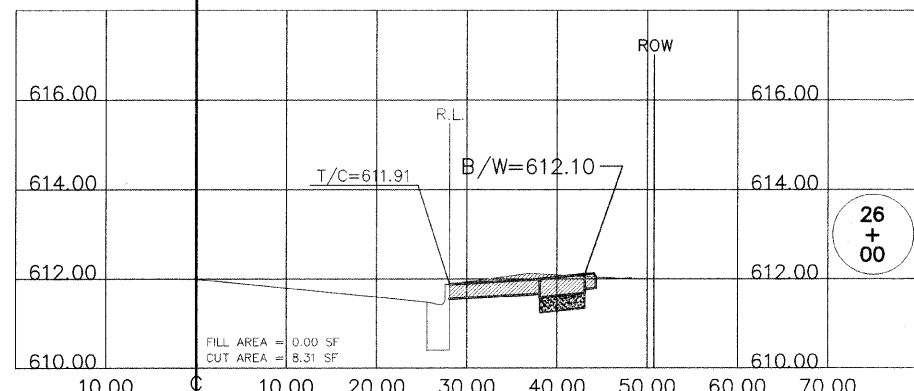
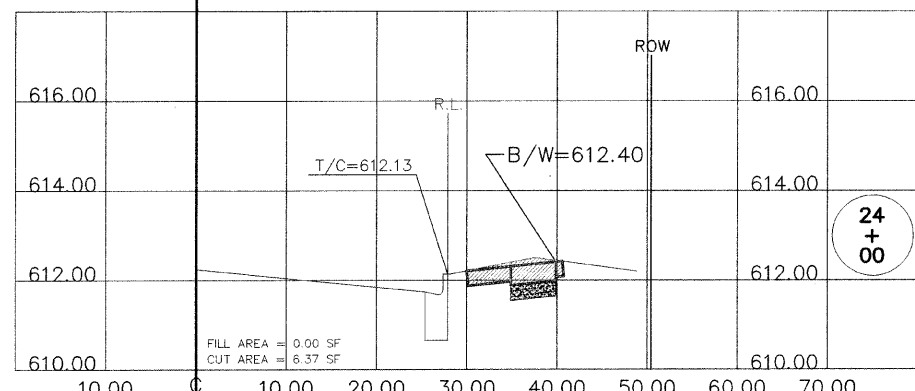
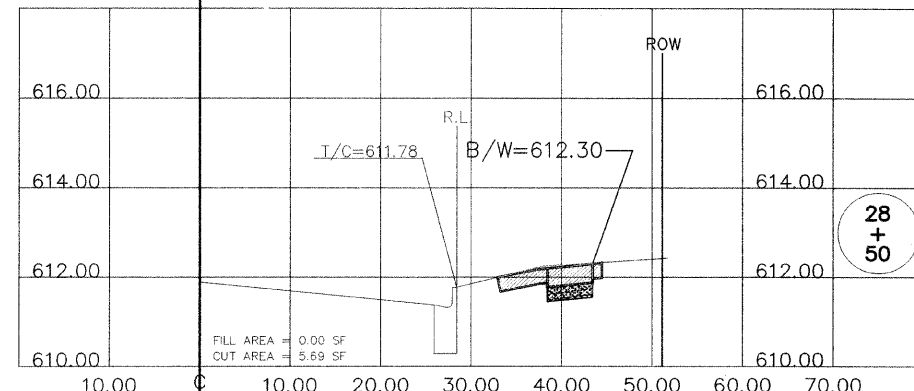
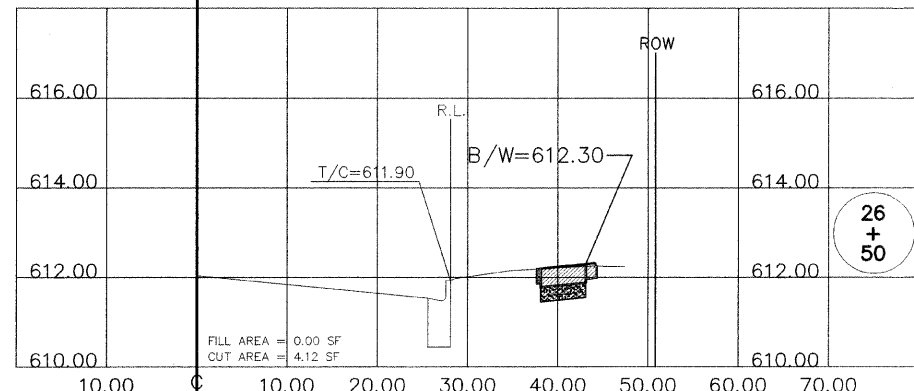
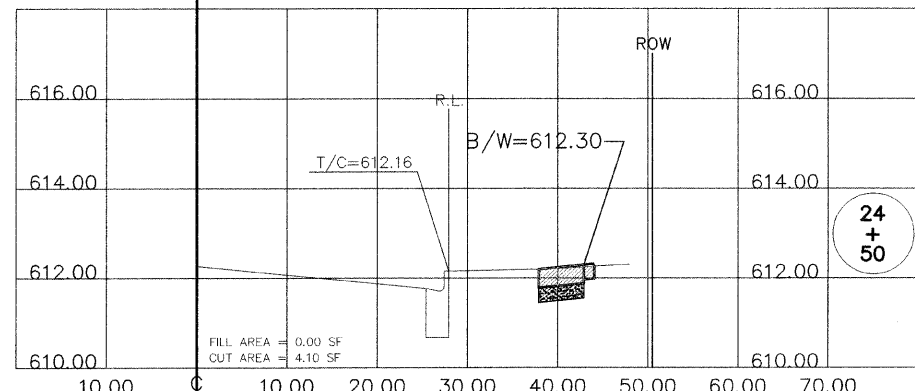
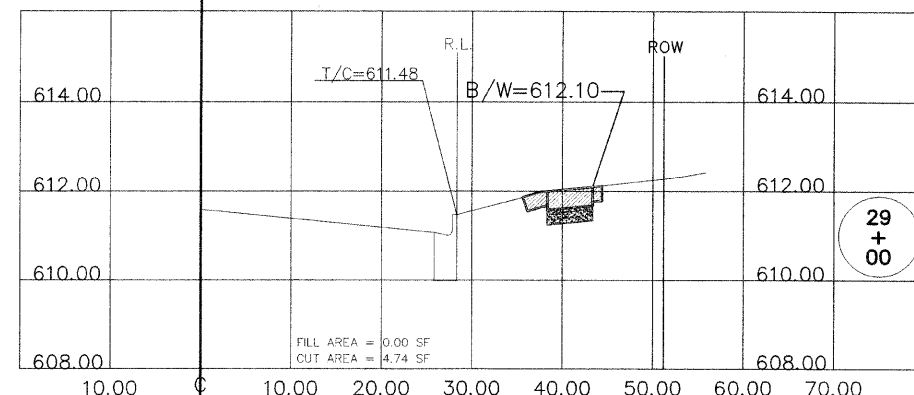
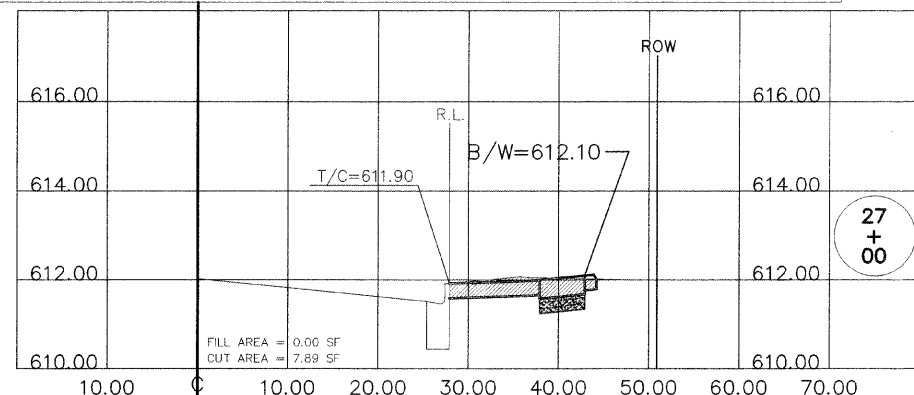
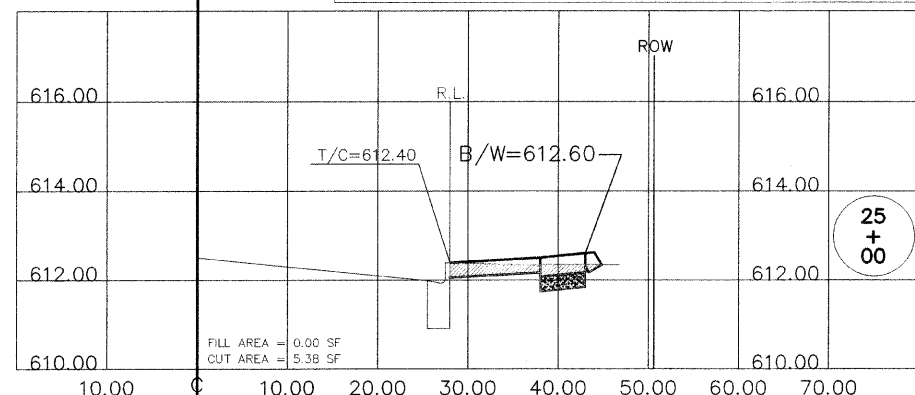
KEDZIE AVENUE FROM 153RD ST. TO 159TH ST. SIDEWALK CONSTRUCTION CROSS-SECTIONS		F.A.U. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 12
SCALE: VERT-1"=2' HORIZ-1"=10'		SHEET NO. 12 OF 19 SHEETS		STA. 11+50 TO STA. 17+00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)	
						CONTRACT NO. 63421

STA. 21+77.5
 CB, TY A, TB GRATE
 RIM = 611.2

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS

NOTES:

1. ALL SIDEWALKS AND PARKWAYS SHALL BE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
2. DITCH SIDE SLOPES SHALL BE 4:1 UNLESS OTHERWISE INDICATED.
3. DITCH BOTTOM WIDTH SHALL BE 2 FT. UNLESS OTHERWISE INDICATED.
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5. FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA FILL AREA

FILE NAME =	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11/30/09
H:\09\09-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg		DRAWN - GGA/BKL/BJS	REVISED -
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED - MAW	REVISED -
	PLOT DATE = 11/30/09 - 11:16 by JH	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

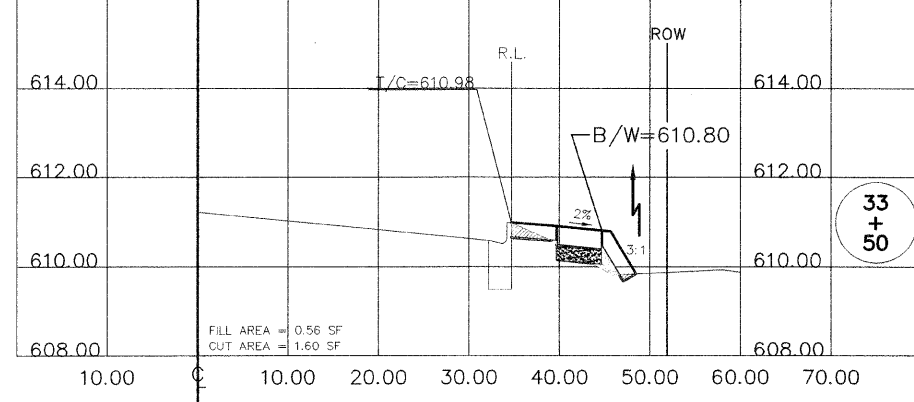
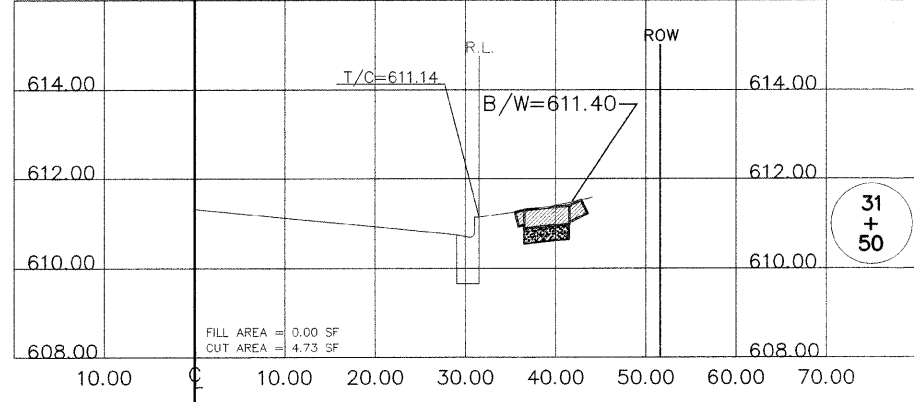
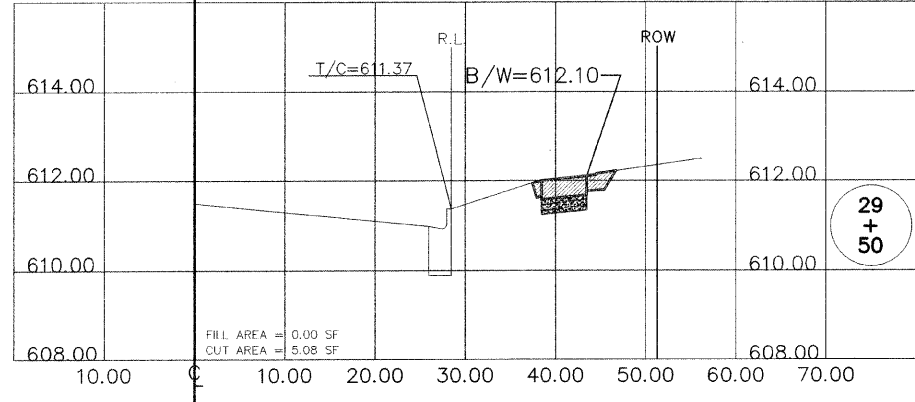
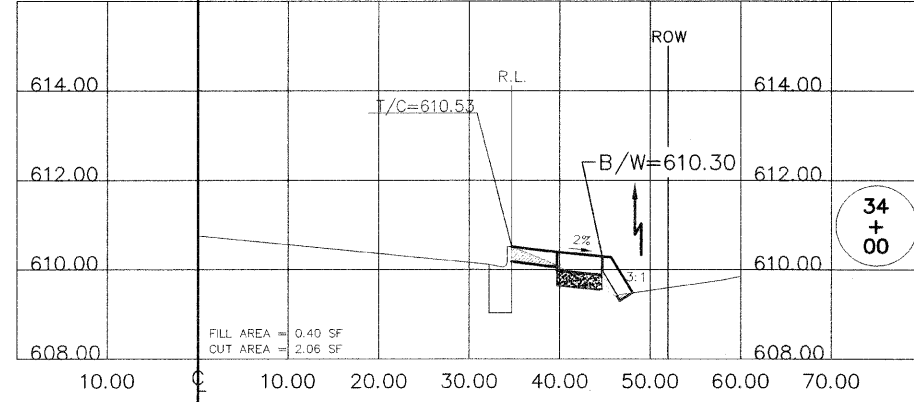
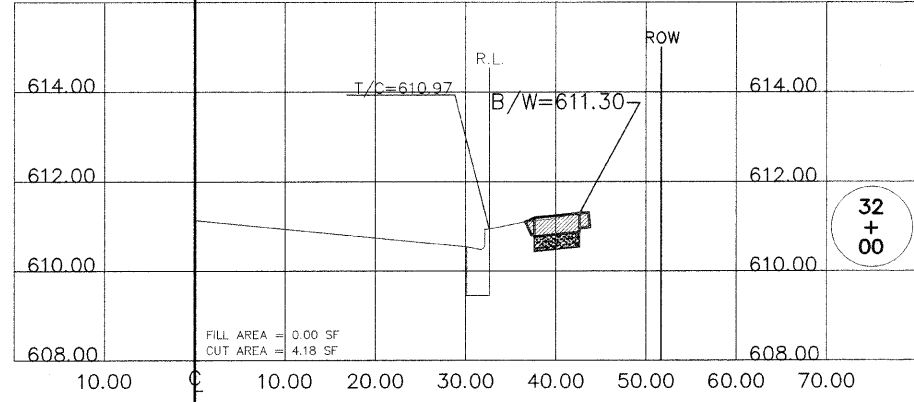
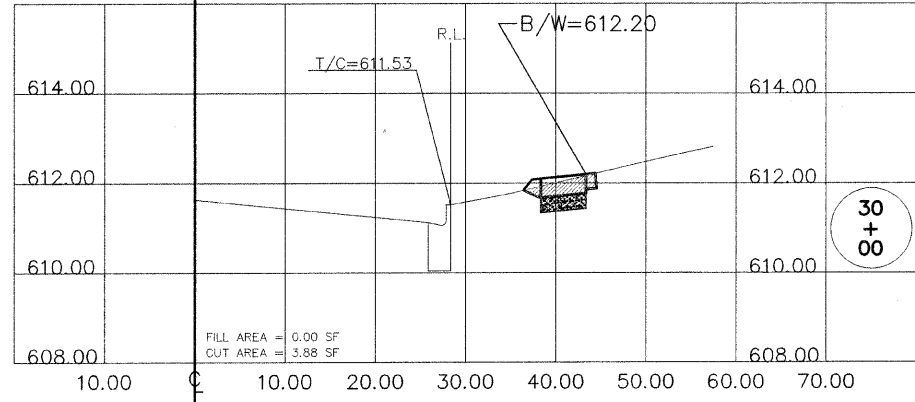
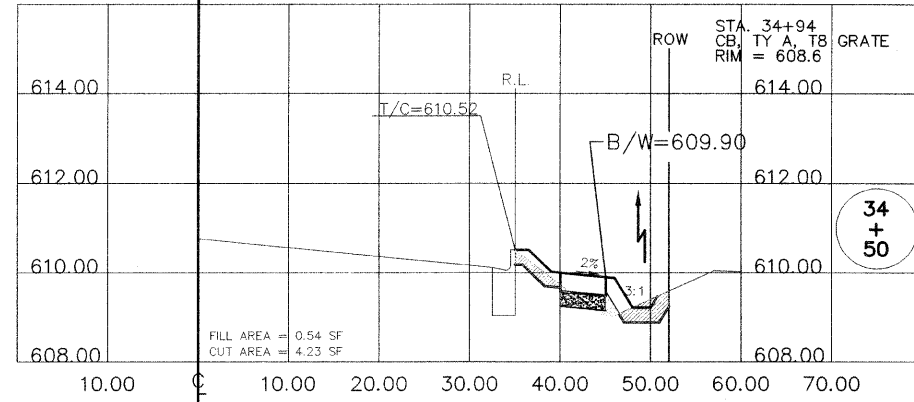
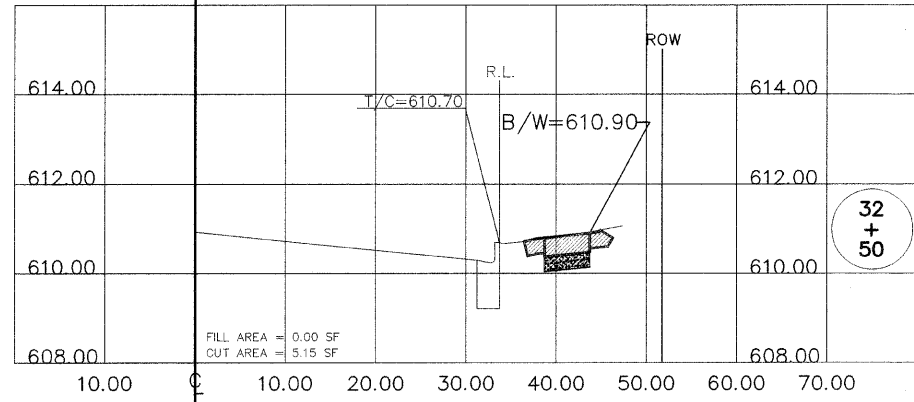
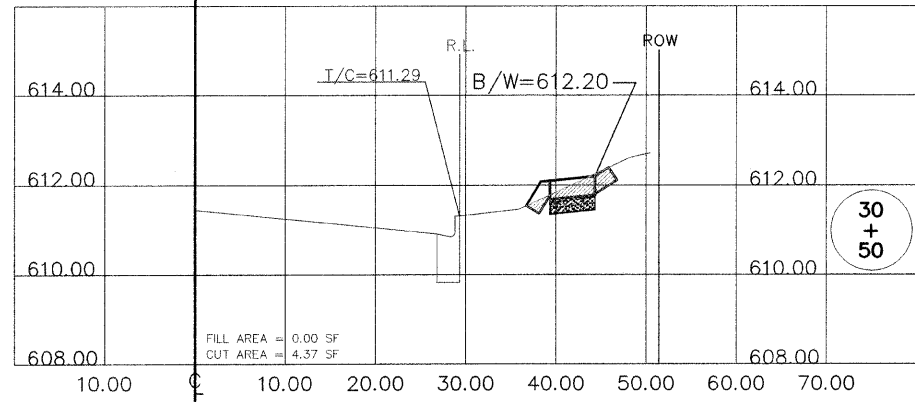
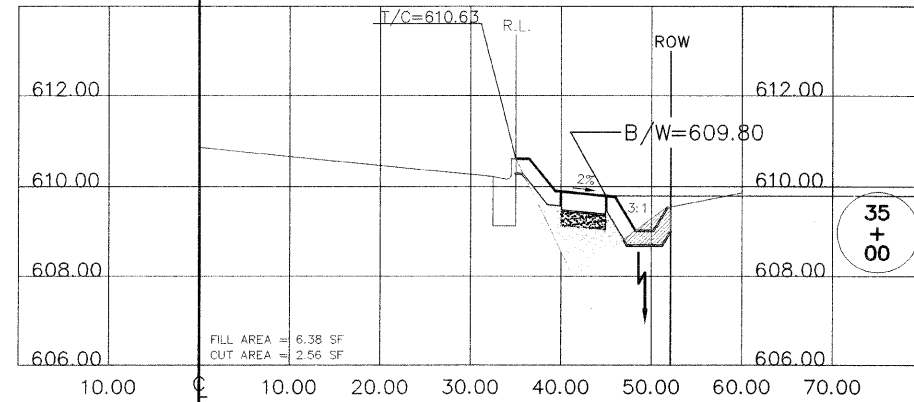
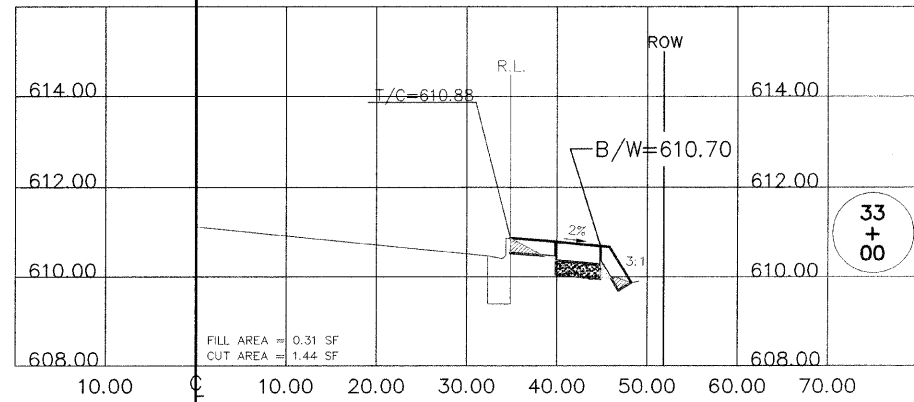
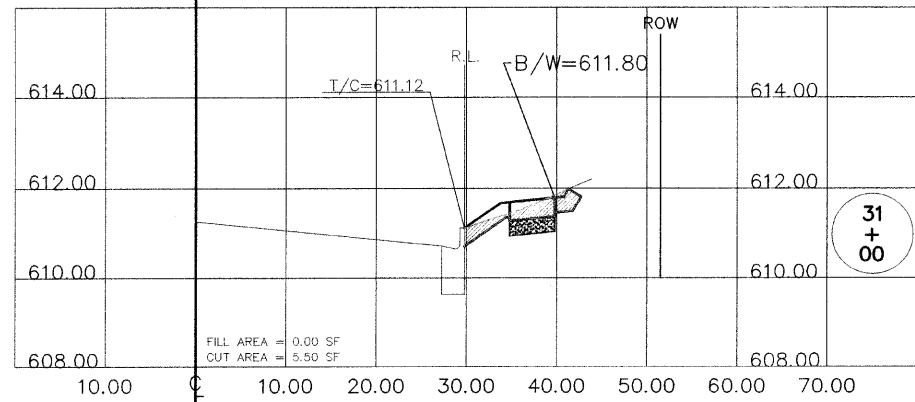
KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS
SCALE: SHEET NO. 13 OF 19 SHEETS STA. 23+50 TO STA. 29+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	13
CONTRACT NO. 63421				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS.

NOTES:

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5. FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA
 FILL AREA

FILE NAME = H:\09\09-024\PLANS\KEDZIE_AVE_CROSS-SECTIONS.dwg	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11/30/09
		DRAWN - GGA/BKL/BJS	REVISED -
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED - MAW	REVISED -
	PLOT DATE = 11/30/09 - 11:16 by jf	DATE -	REVISED -

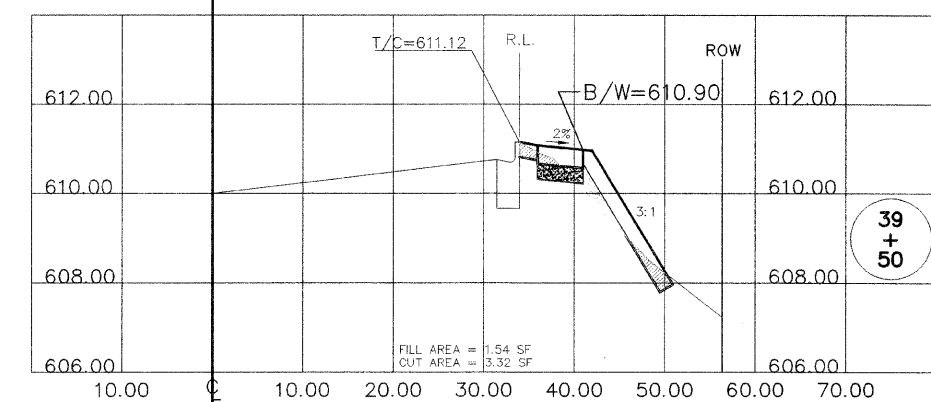
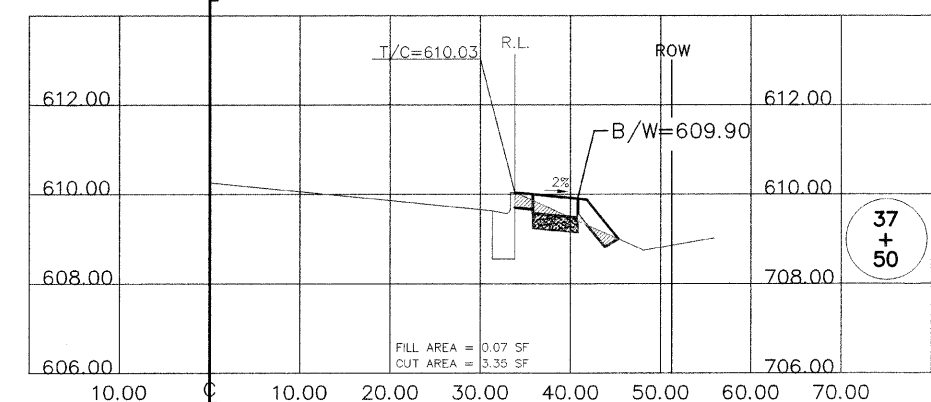
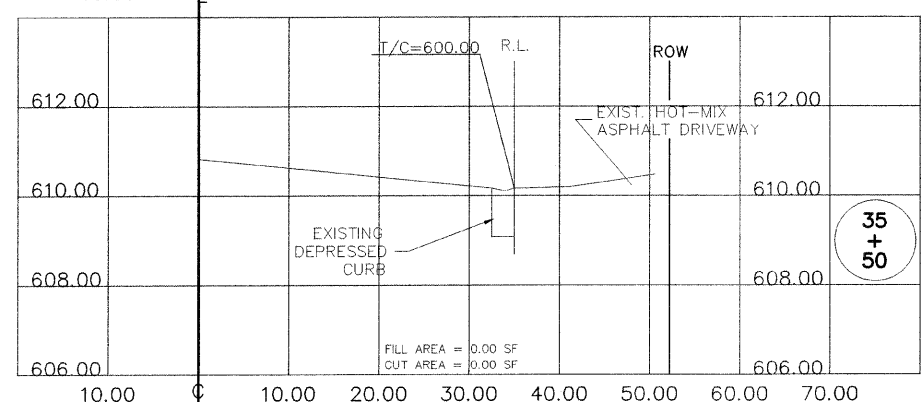
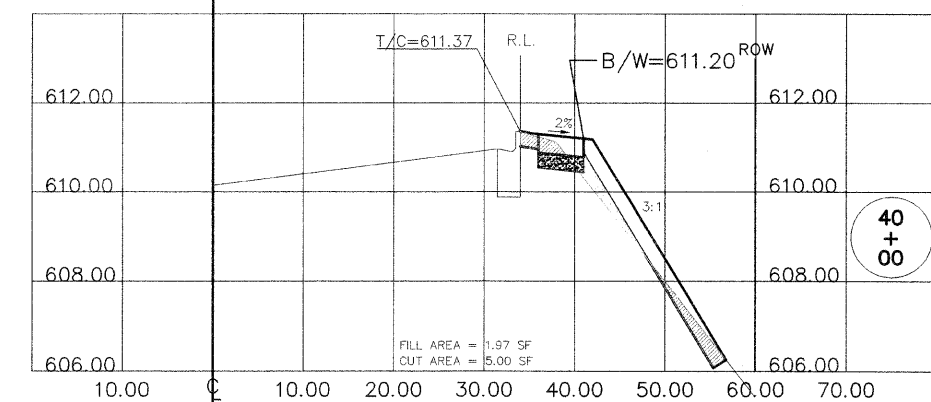
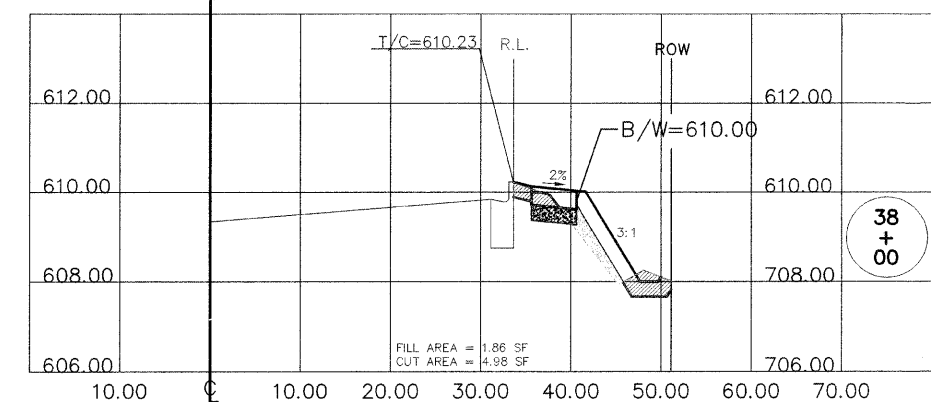
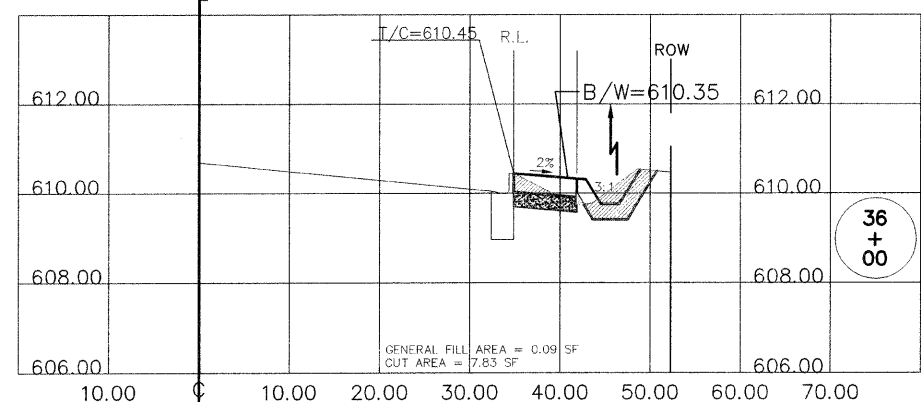
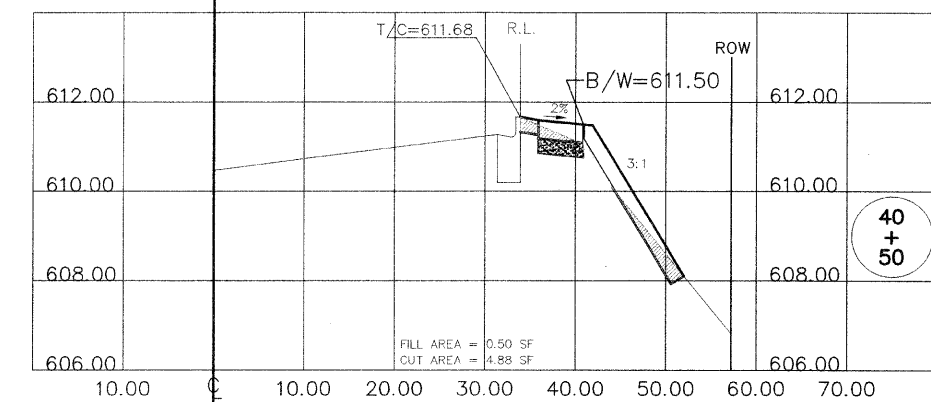
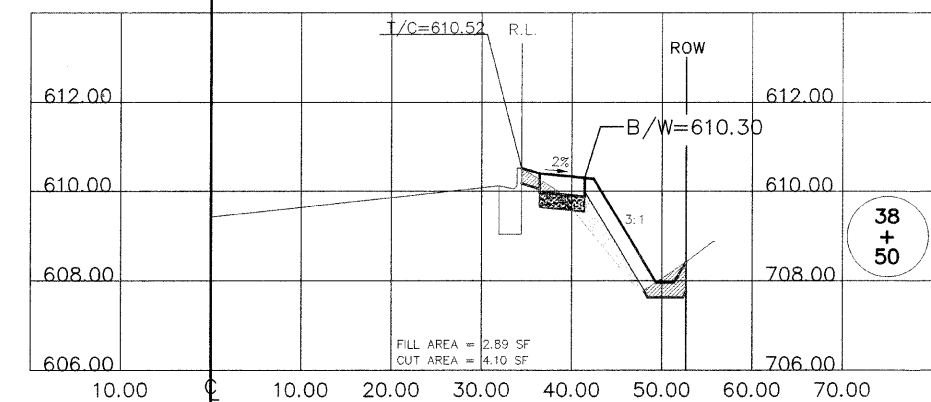
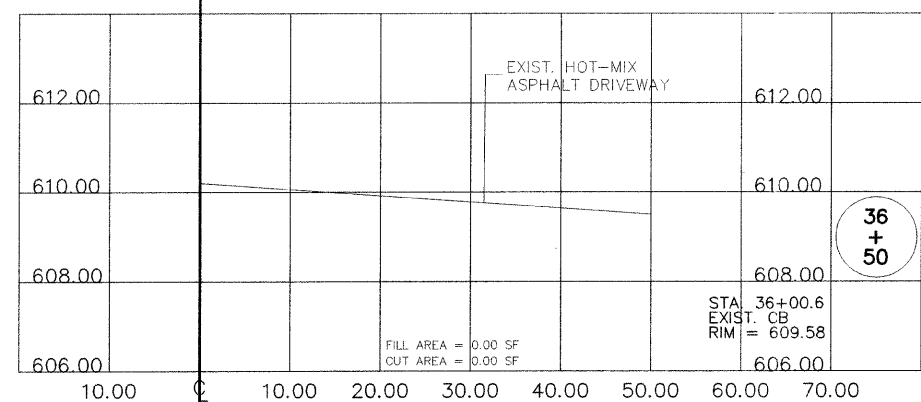
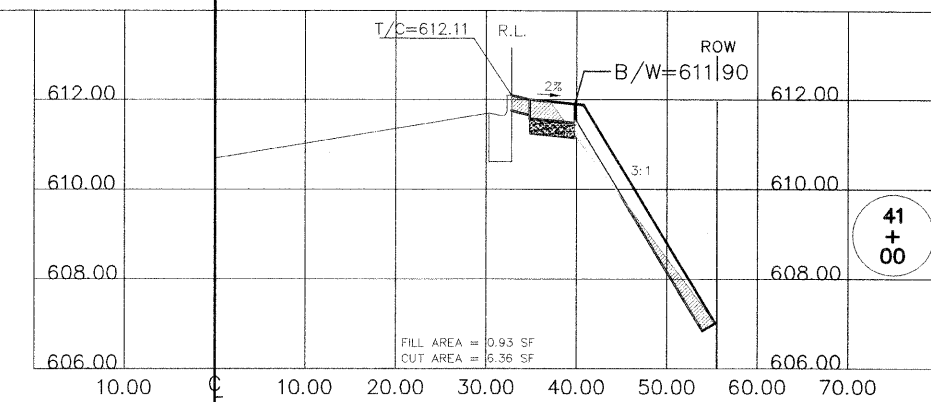
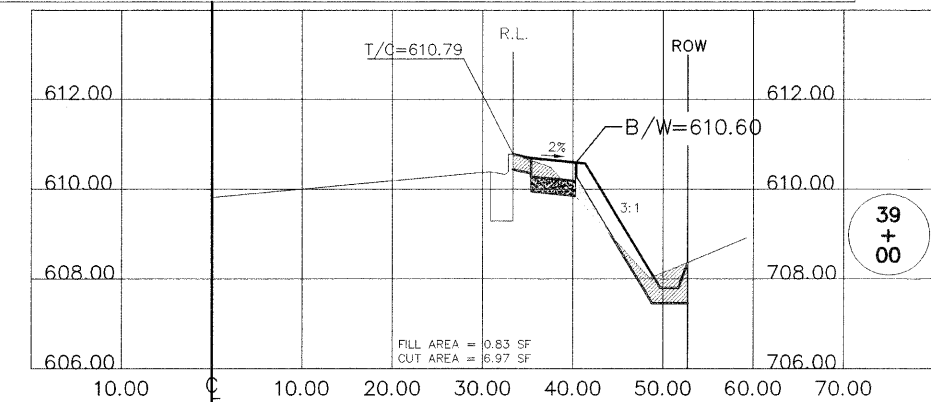
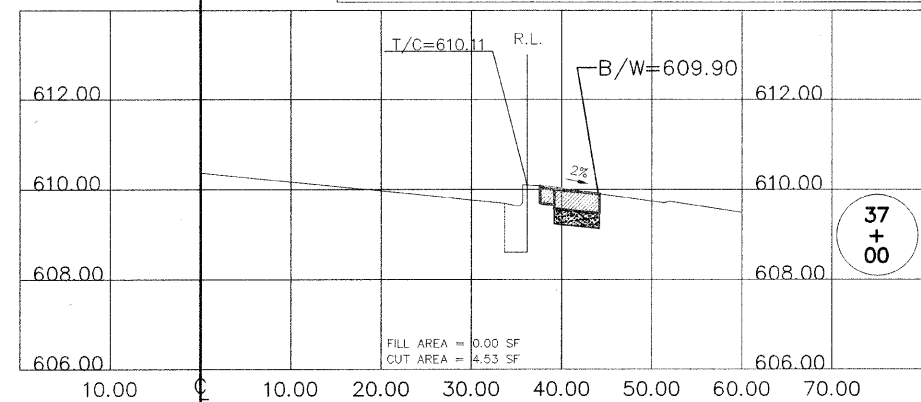
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.		F.A.U. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 14
SIDEWALK CONSTRUCTION		SCALE: SHEET NO. 14 OF 19 SHEETS		CONTRACT NO. 63421		
CROSS-SECTIONS		STA. 29+50 TO STA. 35+00		FED. ROAD DIST. NO. 1 ILLINOIS		
				FED. AID PROJECT ARA 9003(395)		

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS

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CUT AREA
 FILL AREA

FILE NAME =	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11/30/09
H:\09\09-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg		DRAWN - GGA/BKL/BJS	REVISED -
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED - MAW	REVISED -
	PLOT DATE = 11/30/09 - 11:16 by JJ	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

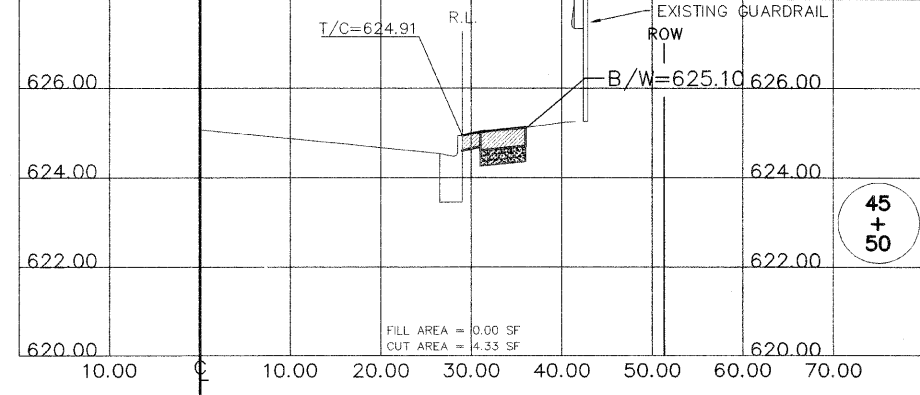
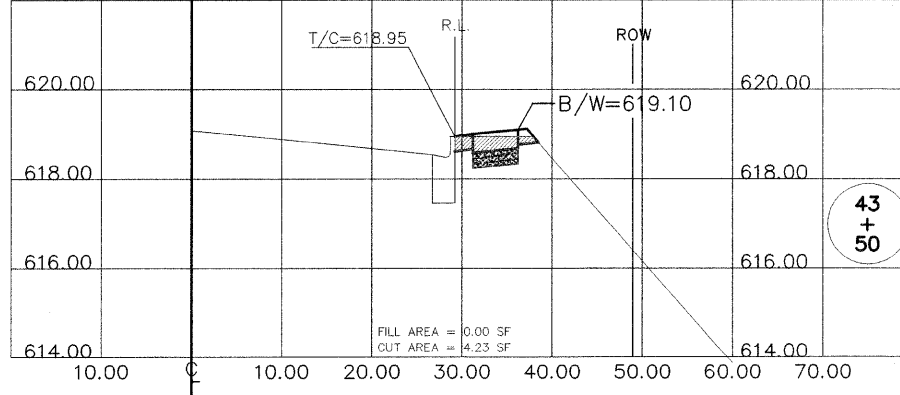
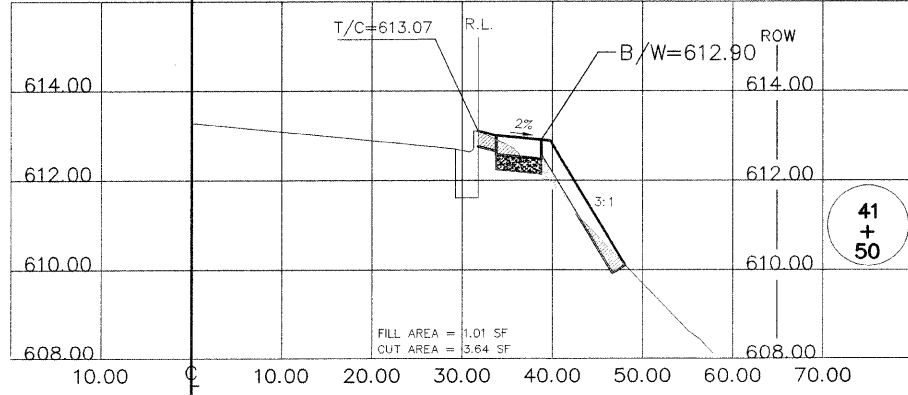
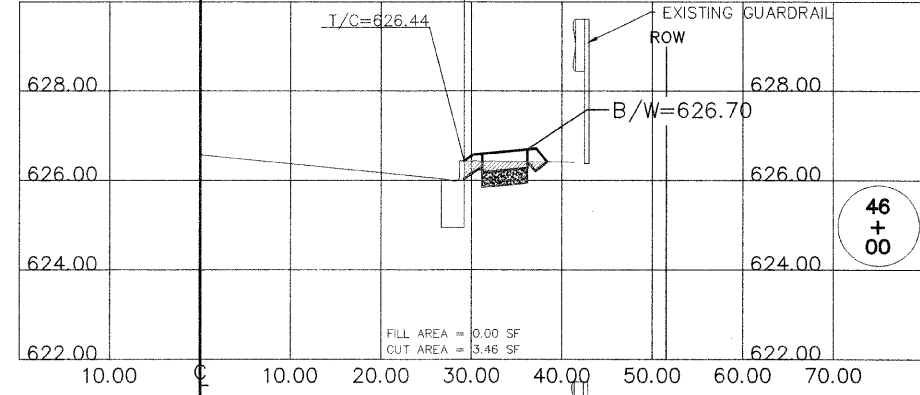
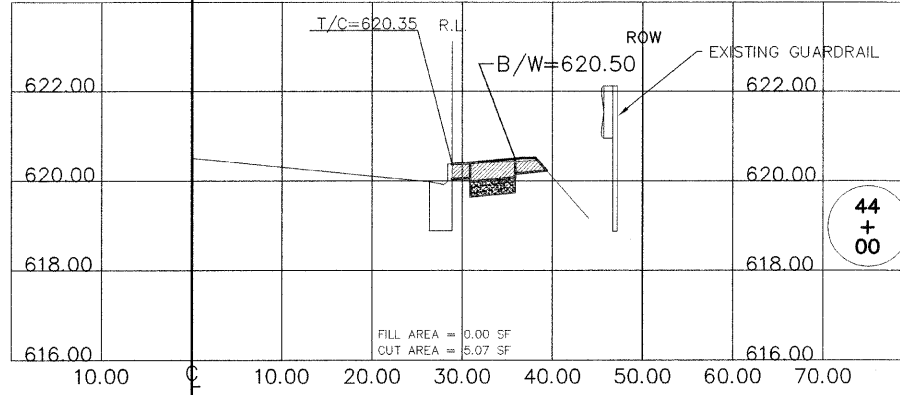
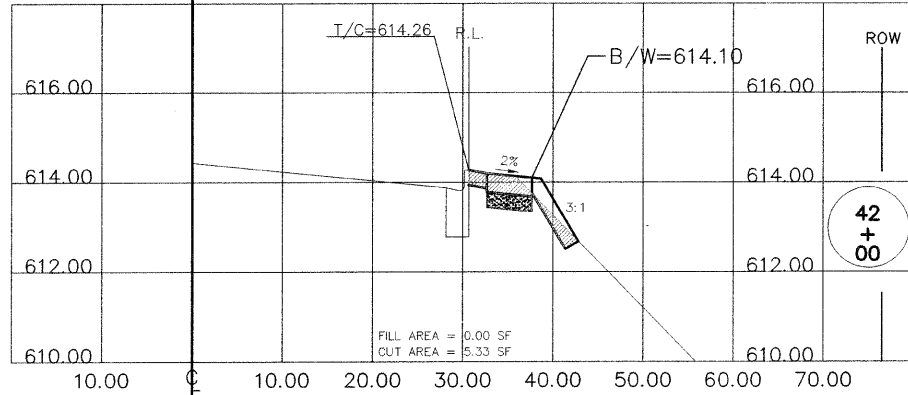
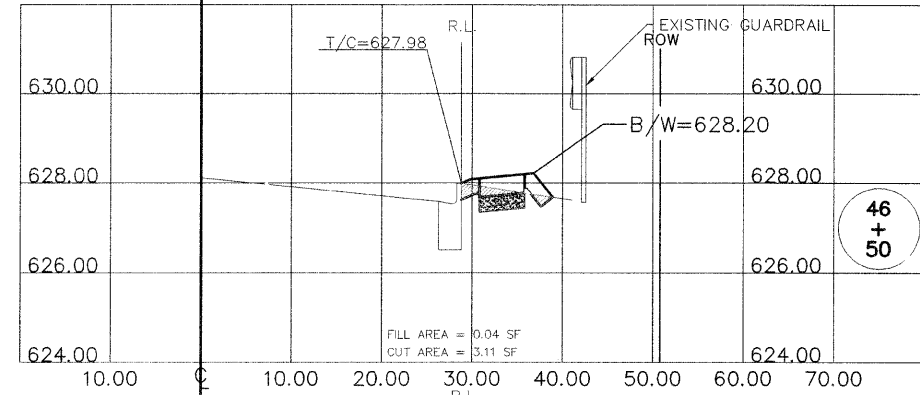
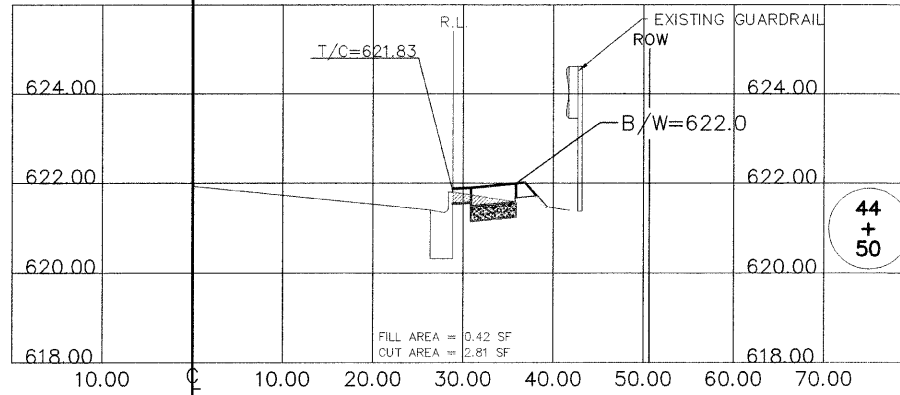
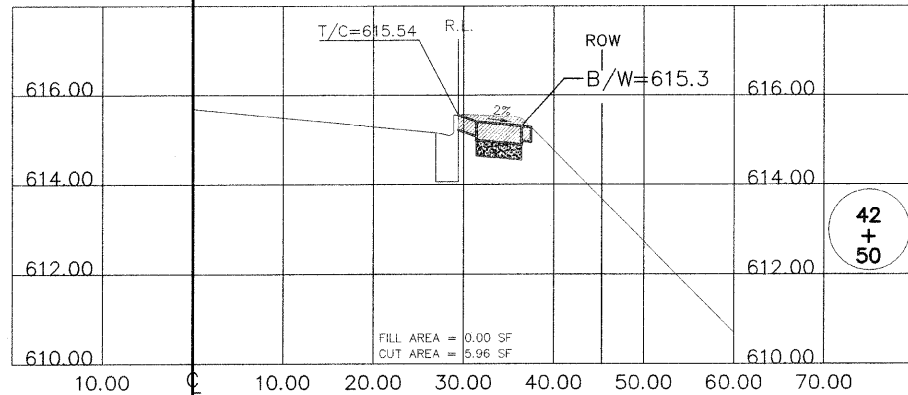
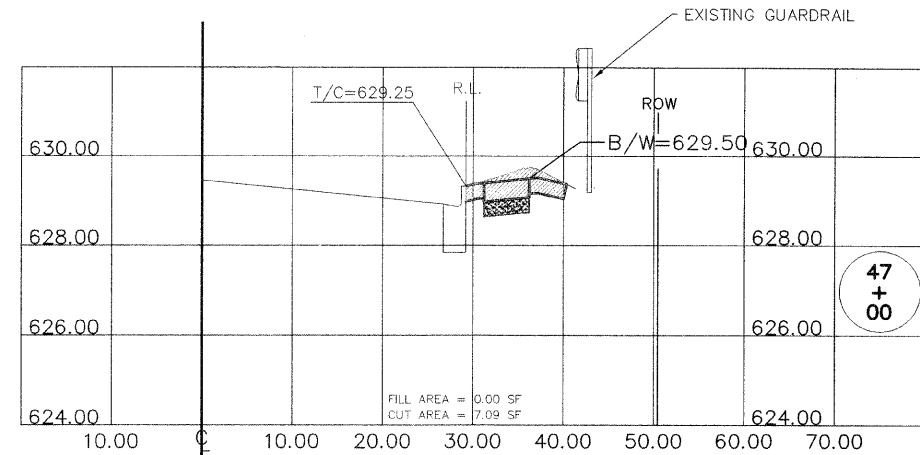
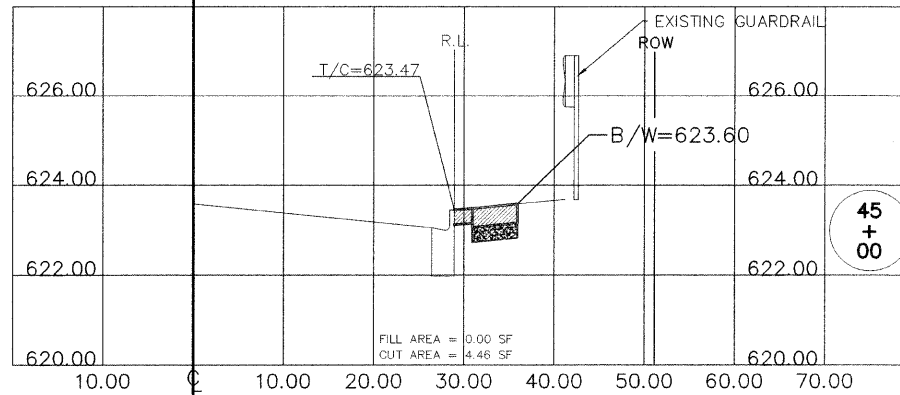
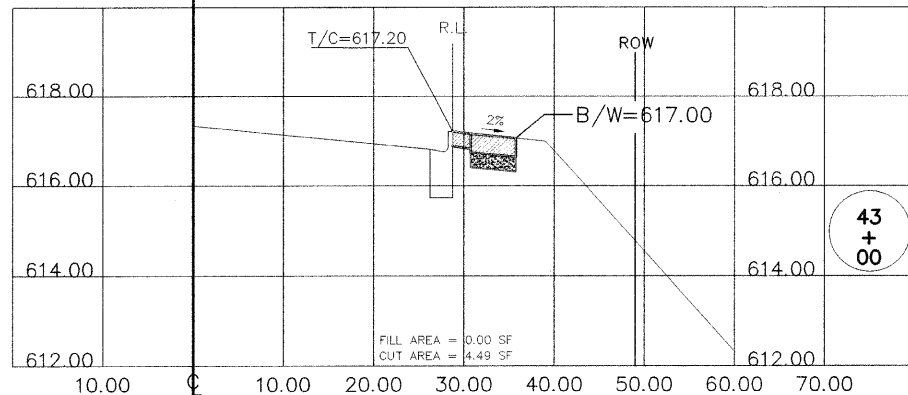
KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS
SCALE: VERT-1"=2' HORIZ-1"=10' SHEET NO. 15 OF 19 SHEETS STA. 35+50 TO STA. 41+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	15
CONTRACT NO. 63421				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS.

NOTES:

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CUT AREA
 FILL AREA

FILE NAME =	USER NAME =	DESIGNED -- GGA/JDH	REVISED -- 11/30/09
H:\09\09-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg		DRAWN -- GGA/BKL/BJS	REVISED --
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED -- MAW	REVISED --
	PLOT DATE = 11/30/09 - 11:16 by jf	DATE --	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS

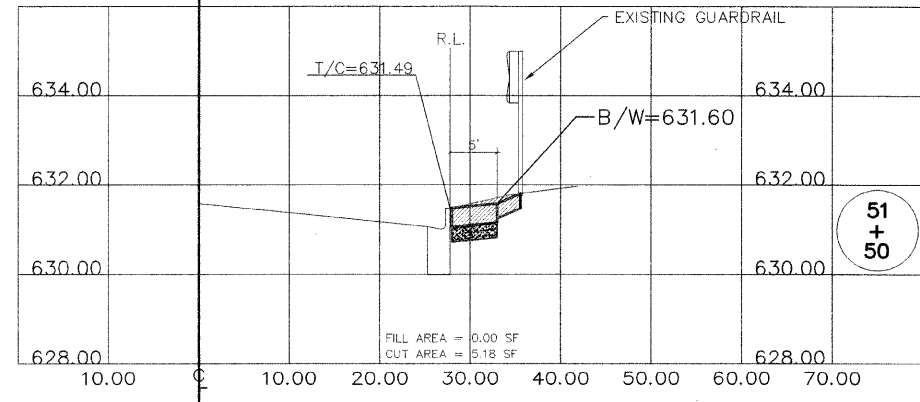
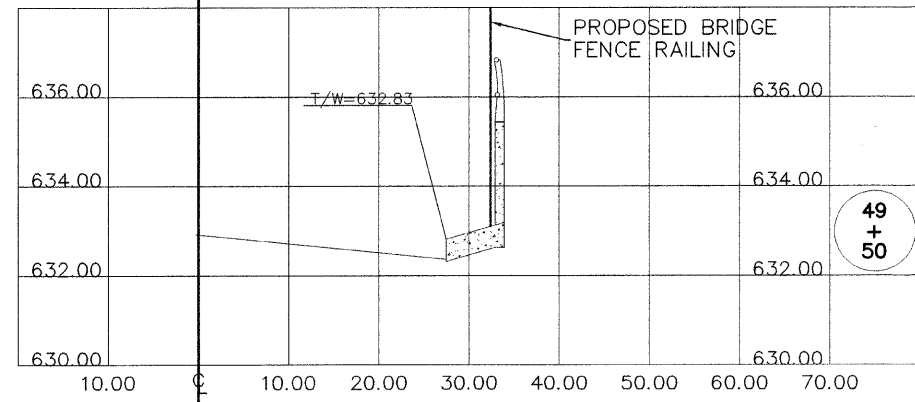
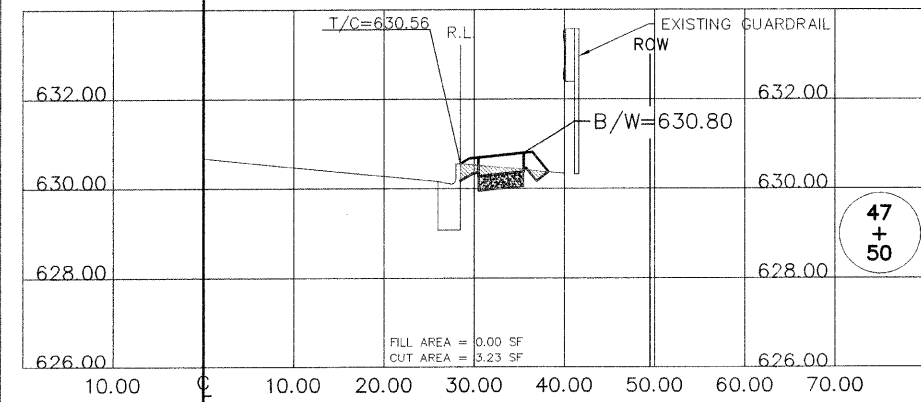
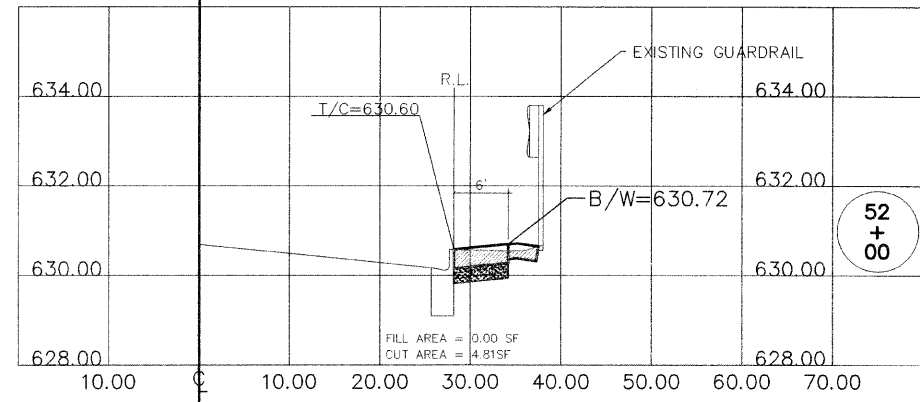
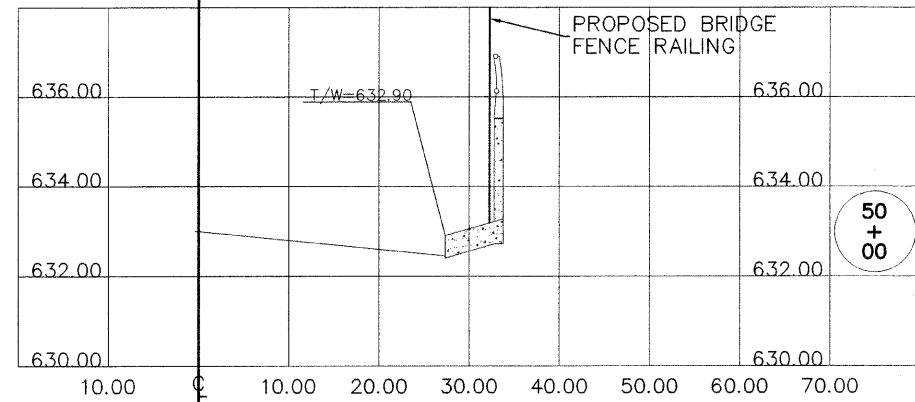
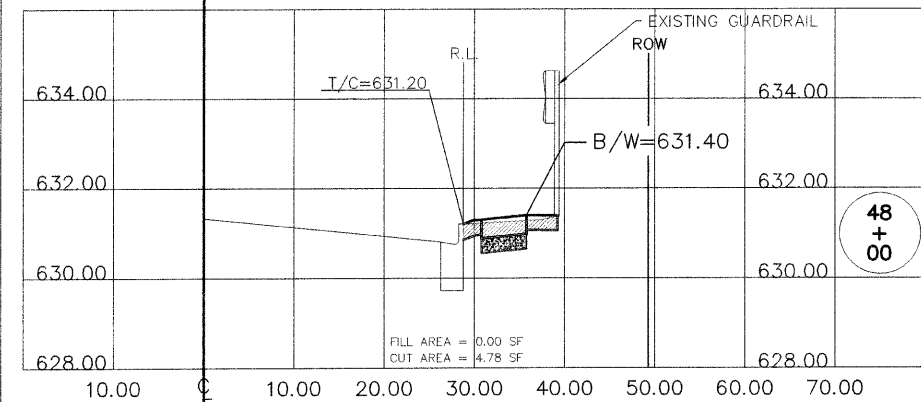
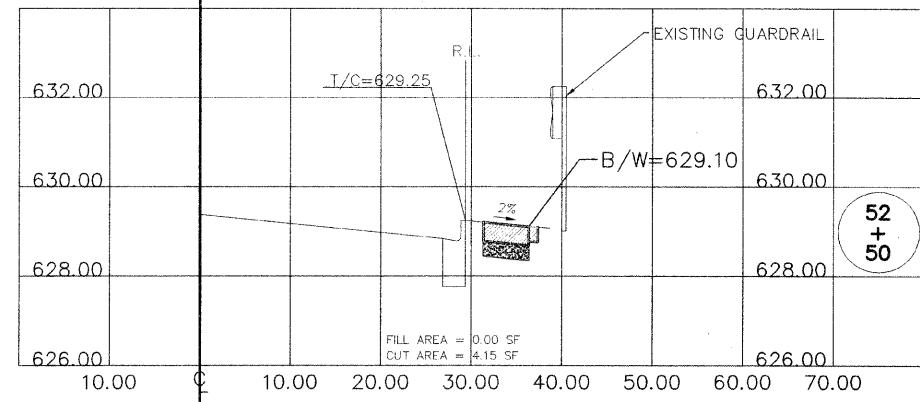
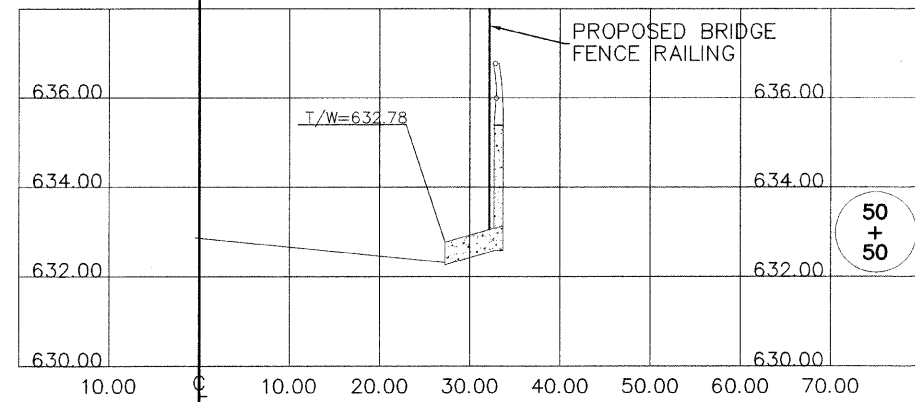
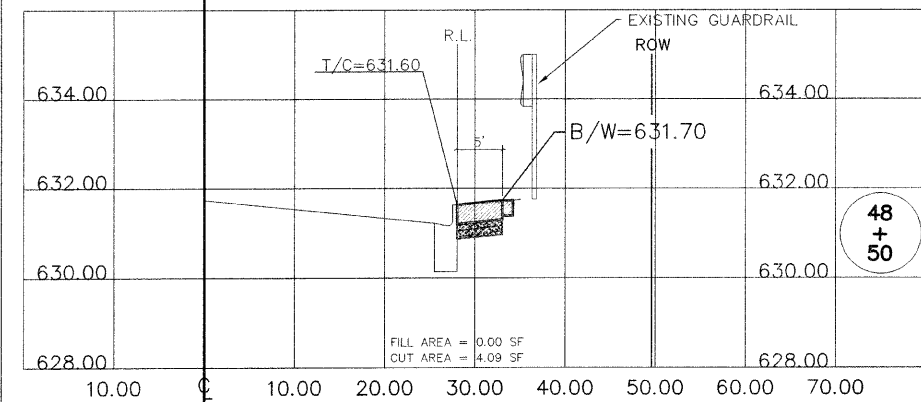
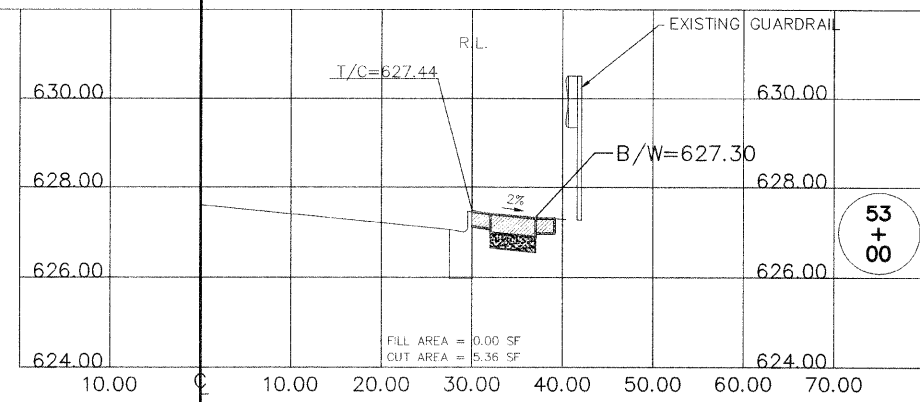
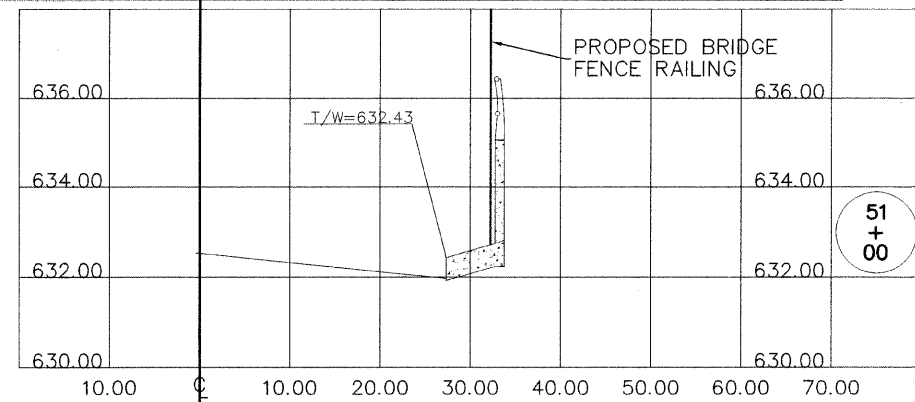
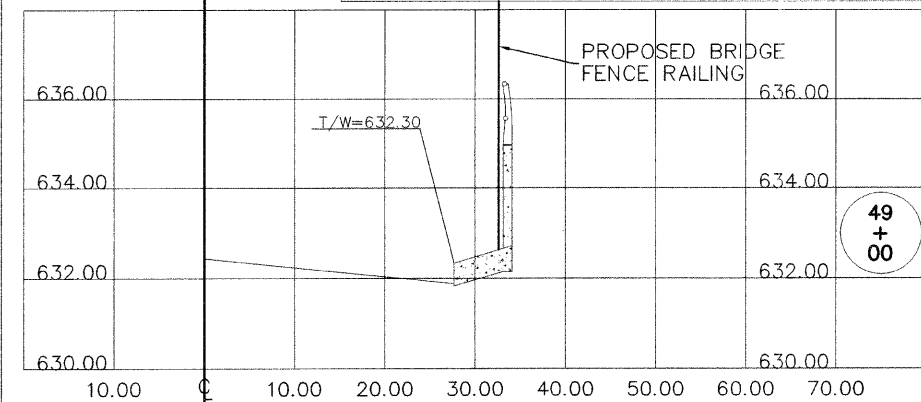
SCALE: VERT-1"=2' HORIZ-1"=10' SHEET NO. 16 OF 19 SHEETS STA. 41+50 TO STA. 47+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				
CONTRACT NO. 63421				

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS.

NOTES:

- ALL SIDEWALKS AND PARKWAYS SHALL BE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
- DITCH SIDE SLOPES SHALL BE 4:1 UNLESS OTHERWISE INDICATED.
- DITCH BOTTOM WIDTH SHALL BE 2 FT. UNLESS OTHERWISE INDICATED.
- FLAT AREA ADJACENT TO CURB SHALL BE 1.5 FT. MINIMUM.
- FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA FILL AREA

FILE NAME = H:\09\09-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11/30/09
		DRAWN - GGA/BKL/BJS	REVISED -
	PLOT SCALE = VERT-1"=2' HORIZ-1"=10'	CHECKED - MAW	REVISED -
	PLOT DATE = 11/30/09 - 11:16 by JH	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS

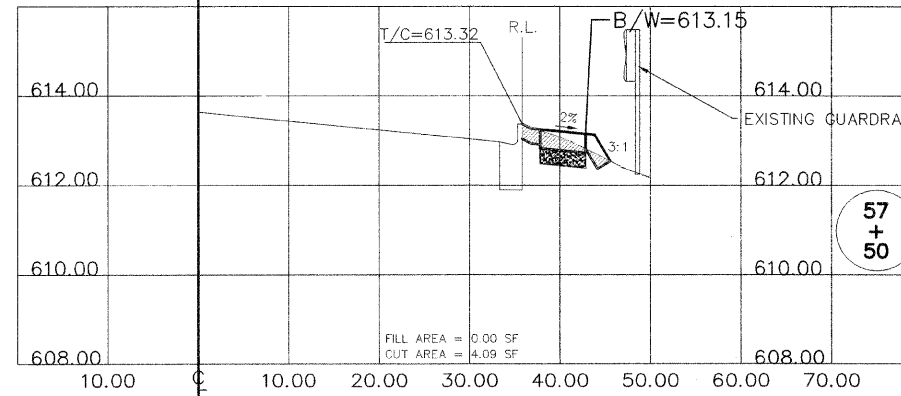
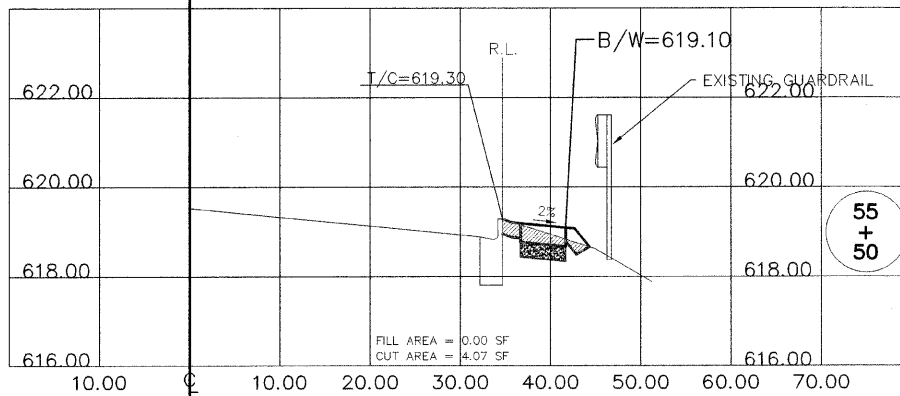
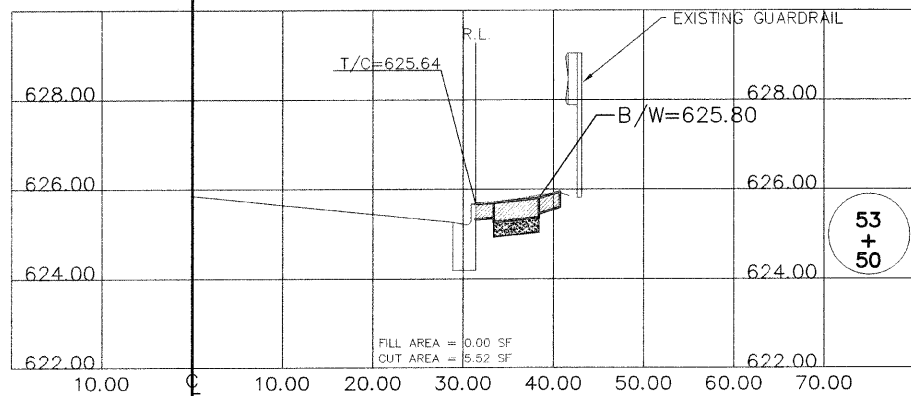
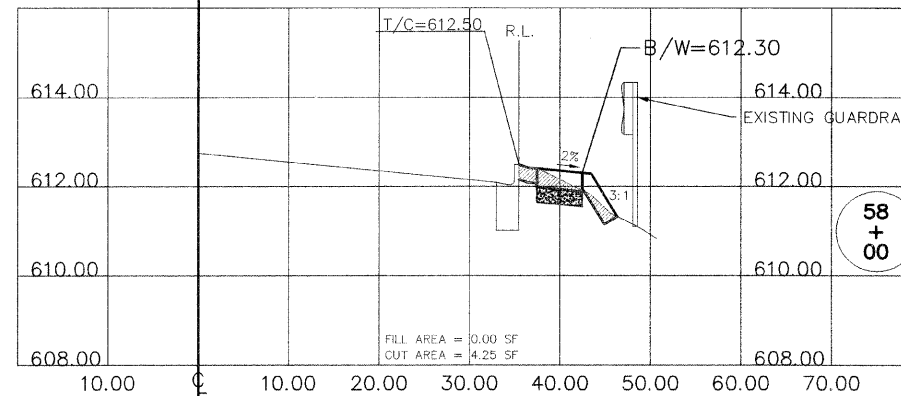
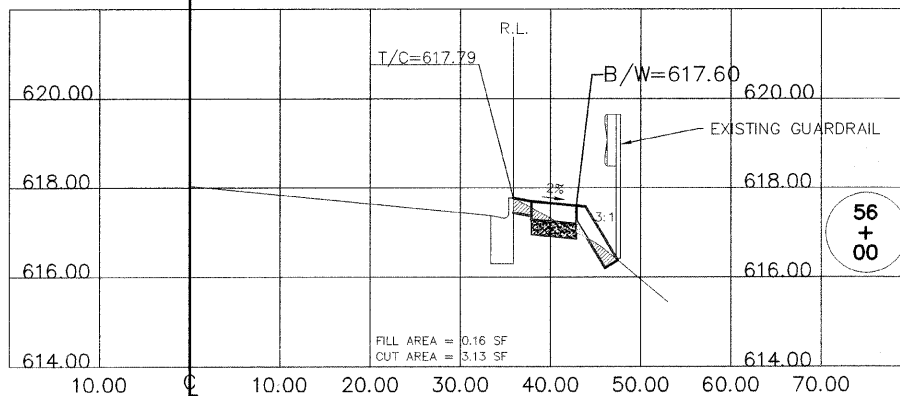
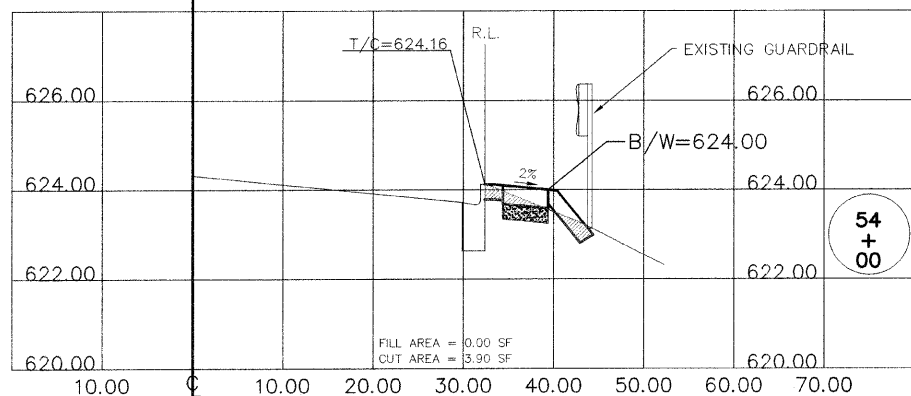
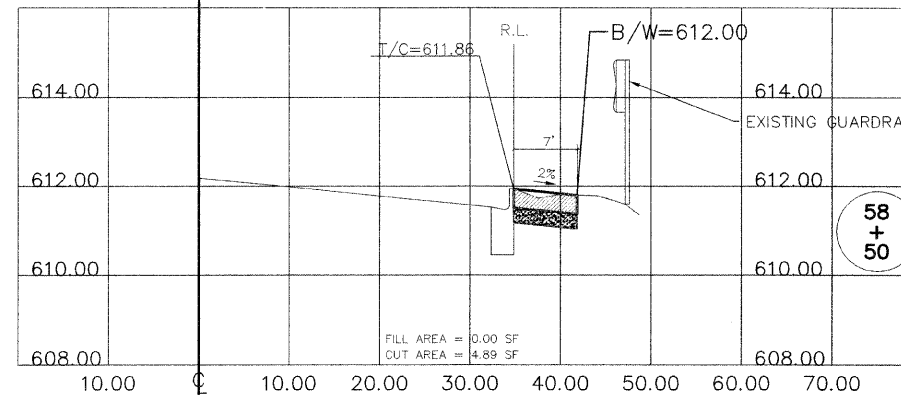
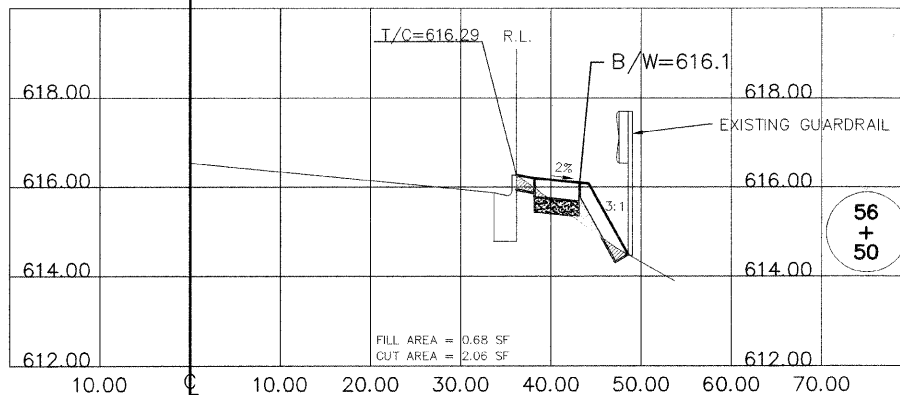
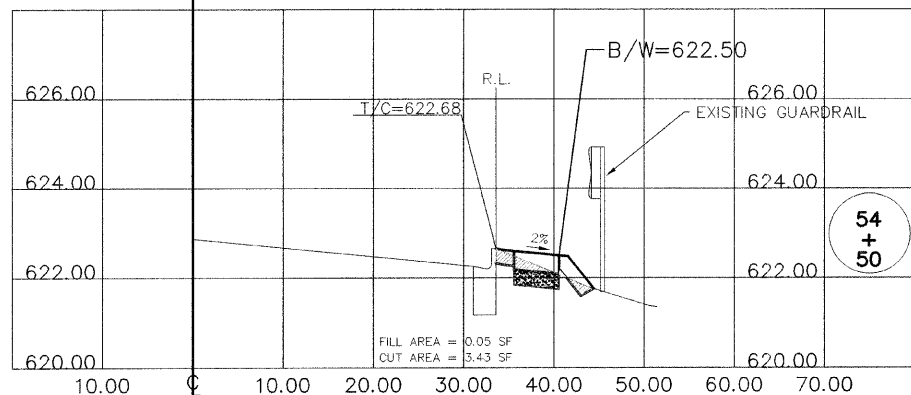
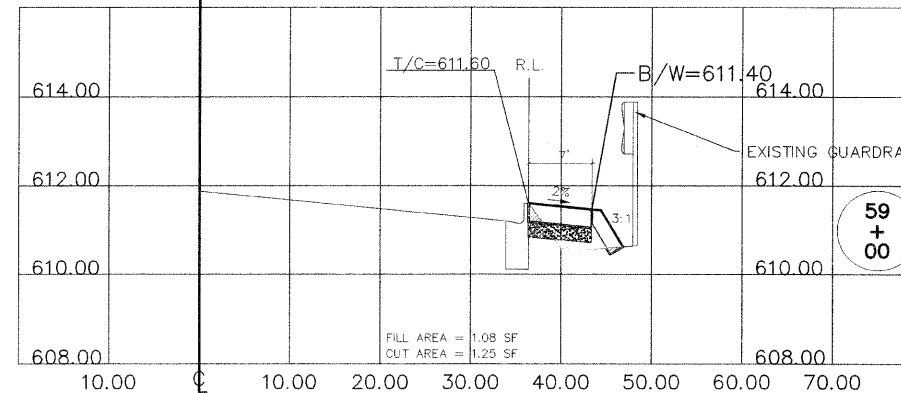
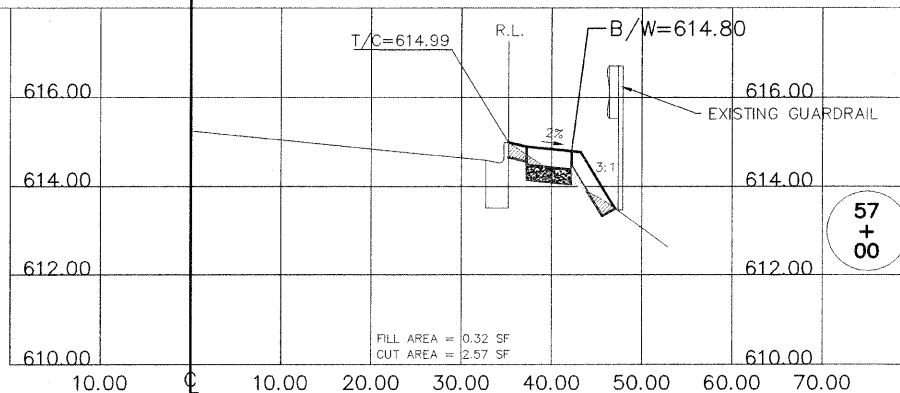
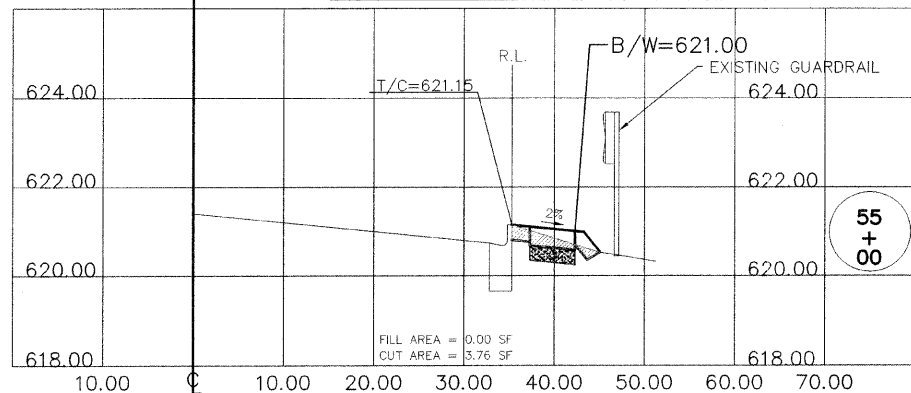
SCALE: VERT-1"=2' HORIZ-1"=10' SHEET NO. 17 OF 19 SHEETS STA. 47+50 TO STA. 53+00

F.A.U. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 17
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT ARA 9003(395)	
CONTRACT NO. 63421				

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS.

NOTES:

1. ALL SIDEWALKS AND PARKWAYS SHALL BE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
2. DITCH SIDE SLOPES SHALL BE 4:1 UNLESS OTHERWISE INDICATED.
3. DITCH BOTTOM WIDTH SHALL BE 2 FT. UNLESS OTHERWISE INDICATED.
4. FLAT AREA ADJACENT TO CURB SHALL BE 1.5 FT. MINIMUM.
5. FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA [Hatched Box]
FILL AREA [Stippled Box]

FILE NAME = H:\09\09-024\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg	USER NAME =	DESIGNED - GGA/JDH	REVISED - 11/30/09
		DRAWN - GGA/BKL/BJS	REVISED -
		CHECKED - MAW	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS

SCALE: VERT-1"=2'
HORIZ-1"=10'
SHEET NO. 19 OF 19 SHEETS
STA. 53+50 TO STA. 59+00

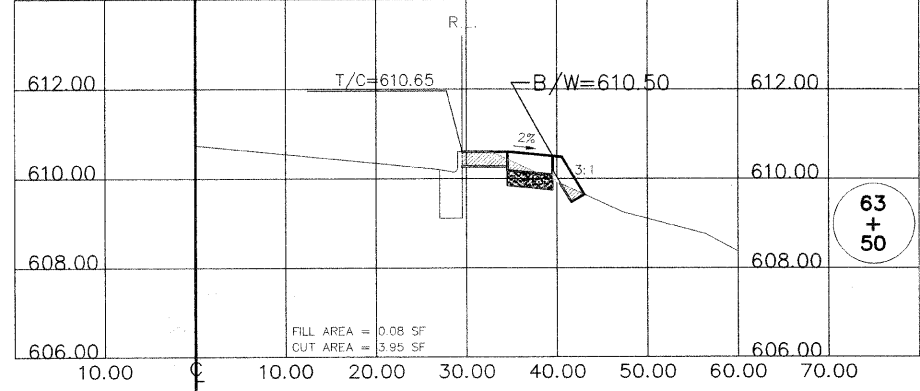
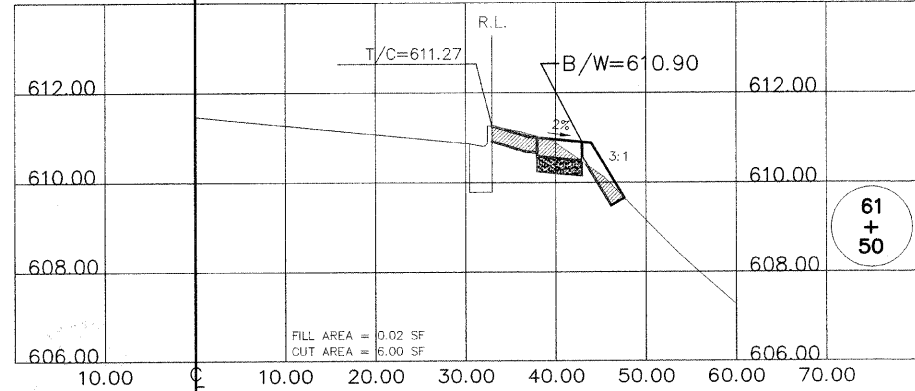
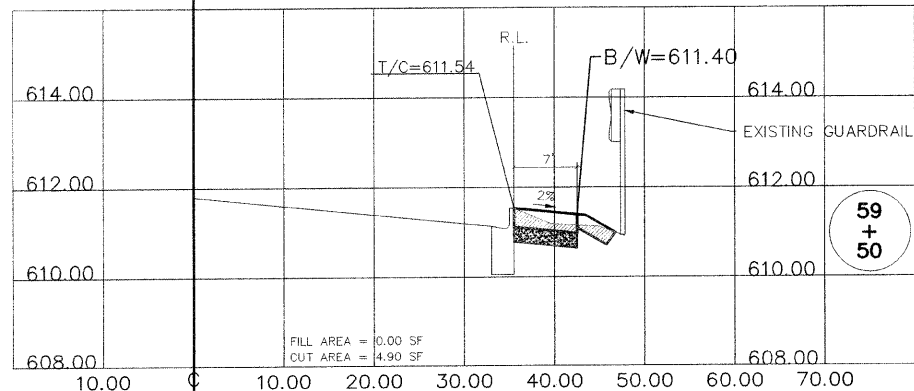
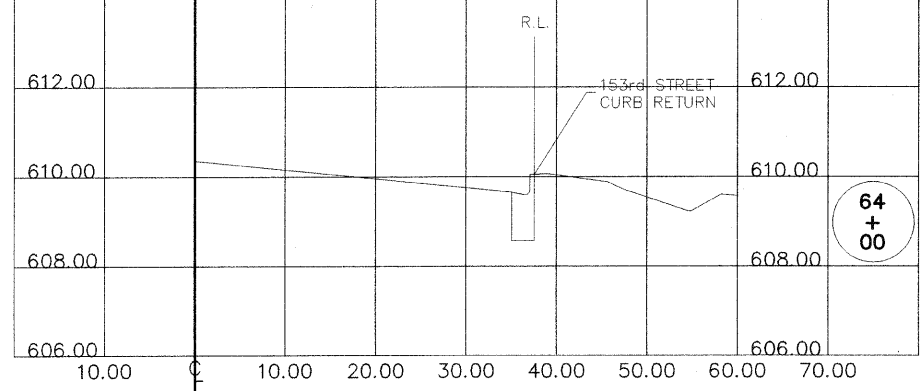
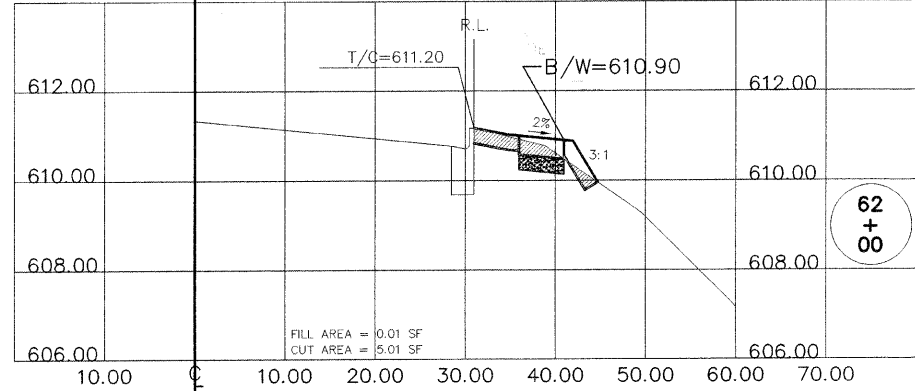
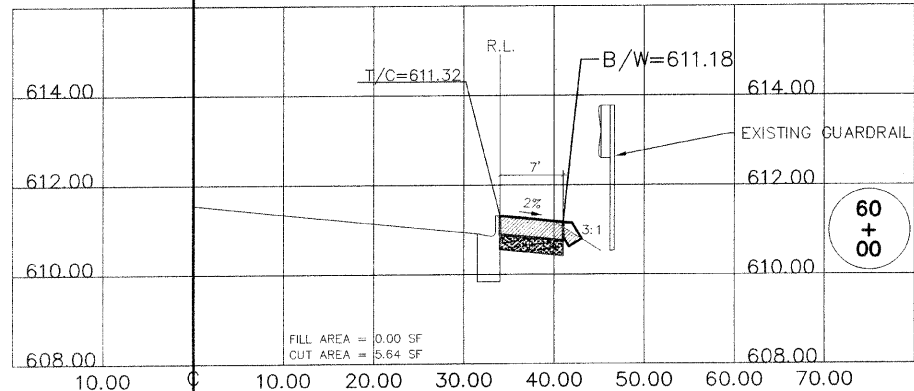
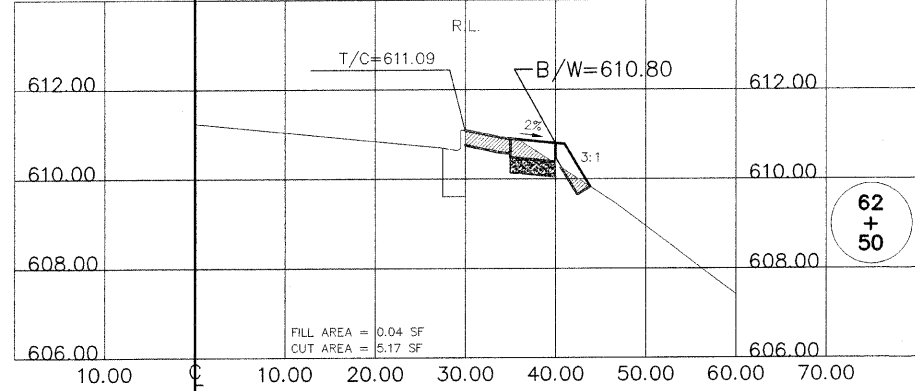
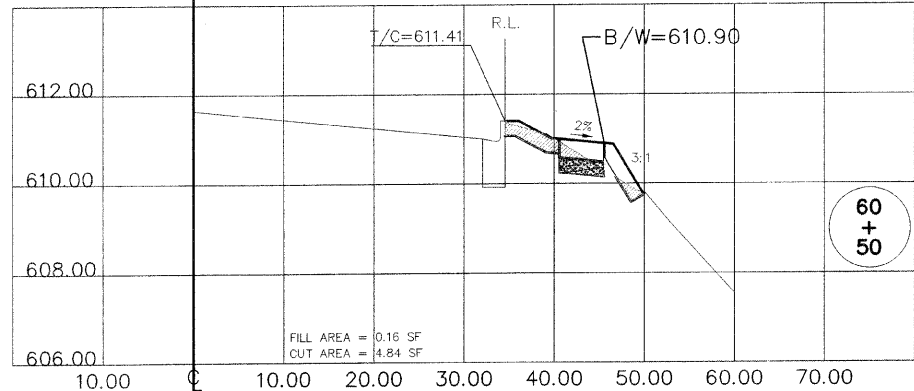
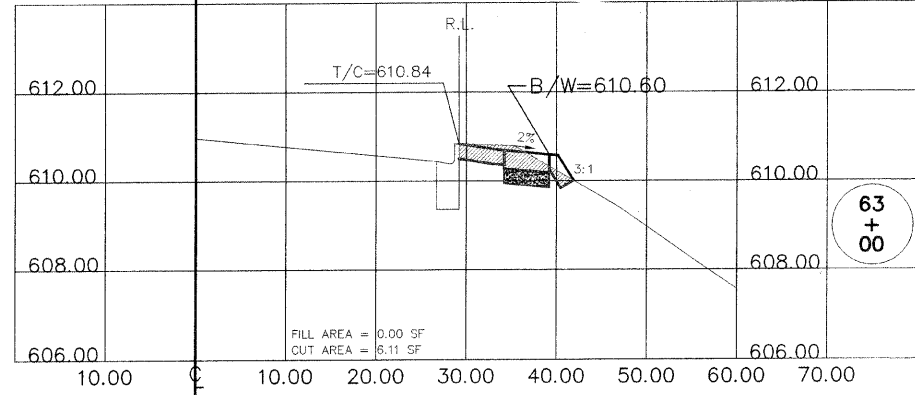
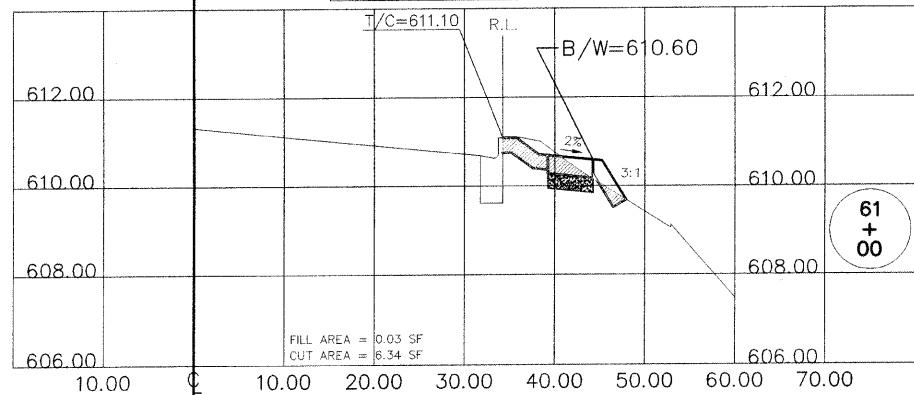
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2831	09-00041-00-SW	COOK	19	18
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT ARA 9003(395)	

CONTRACT NO. 63421

R.L. = REFERENCE LINE THAT RELATES TO THE SIDEWALK OFFSETS INDICATED IN THE PLANS

NOTES:

1. ALL SIDEWALKS AND PARKWAYS SHALL BE 2% CROSS SLOPE UNLESS OTHERWISE INDICATED.
2. DITCH SIDE SLOPES SHALL BE 4:1 UNLESS OTHERWISE INDICATED.
3. DITCH BOTTOM WIDTH SHALL BE 2 FT. UNLESS OTHERWISE INDICATED.
4. FLAT AREA ADJACENT TO CURB SHALL BE 1.5 FT. MINIMUM.
5. FLAT AREA ADJACENT TO SIDEWALK SHALL BE 1.0 FT. MINIMUM.



CUT AREA [Hatched Pattern]
FILL AREA [Stippled Pattern]

FILE NAME = H:\09\00-02\PLANS\KEDZIE AVE_CROSS-SECTIONS.dwg	USER NAME =	DESIGNED -- GGA/JDH	REVISED -- 11/30/09
		DRAWN -- GGA/BKL/BJS	REVISED --
		CHECKED -- MAW	REVISED --
		DATE --	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEDZIE AVENUE FROM 153RD ST. TO 159TH ST.
SIDEWALK CONSTRUCTION
CROSS-SECTIONS
SCALE: VERT-1"=2'
HORIZ-1"=10'
SHEET NO. 19 OF 19 SHEETS
STA. 59+50 TO STA. 65+00

F.A.U. RTE. 2831	SECTION 09-00041-00-SW	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 19
CONTRACT NO. 63421				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA 9003(395)				