

LOCATION OF SECTION INDICATED THUS: - ■ -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAU ROUTE 2674 (COUNTY HIGHWAY 8 - MADISON STREET)
FROM HIGH GROVE BOULEVARD TO 55th STREET
BIKE PATH**

**SECTION 07-00001-10-BT
PROJECT HPP-1756(100)
JOB NO: C-91-356-10
DUPAGE COUNTY**

INDEX OF SHEETS

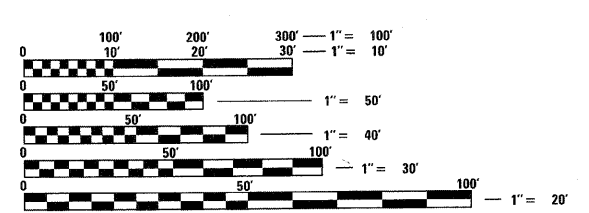
SHEET NO.	DESCRIPTION
1	TITLE SHEET/INDEX
2	GENERAL NOTES, DESIGN STANDARDS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6-8	PLAN SHEETS
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IDOT HIGHWAY STANDARDS USED

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
602001-01	CATCH BASIN TYPE A
602301-02	INLET, TYPE A
604001-03	FRAMES AND LIDS, TYPE 1
604036-02	GRATE, TYPE B
606001-04	CONCRETE CURB & COMBINATION CURB & GUTTER
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN Ln CLOSURE, 2L, 2W BIDIRECT LEFT TURN LN.
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP

IDOT DISTRICT ONE DETAILS

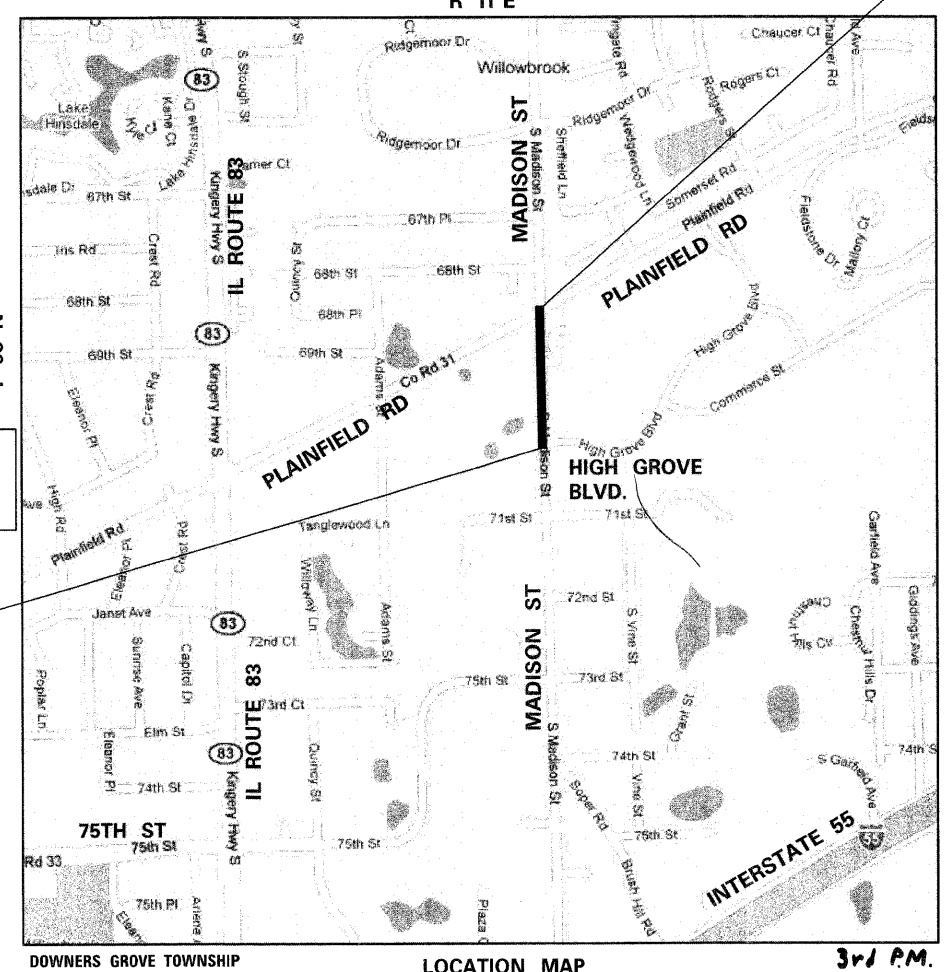
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-36	FIRE HYDRANT TO BE MOVED
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS
TC-13	DISTRICT 1 TYPICAL PAVEMENT MARKINGS



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

PLANS PREPARED BY
HDR ENGINEERING INC.
FOR
DUPAGE COUNTY DIVISION OF TRANSPORTATION
CHARLES F. TOKARSKI P.E., COUNTY ENGINEER
PROJECT MANAGER: MICHAEL KELLY, P.E. (312) 443-4909



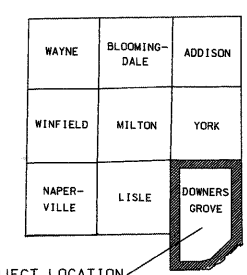
DOWNERS GROVE TOWNSHIP LOCATION MAP NOT TO SCALE 3rd P.M.

GROSS LENGTH OF PROJECT = 977.72 FT. = 0.19 MI.
NET LENGTH OF PROJECT = 977.72 FT. = 0.19 MI.

END PROJECT
STA. 19+74.81
MADISON STREET



DESIGN DESIGNATION
URBAN COLLECTOR
ADT: 11,500
YEAR: 2008
POSTED SPEED LIMIT
40 MPH



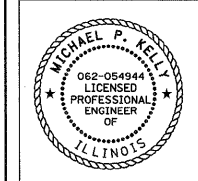
PROJECT LOCATION
DUPAGE COUNTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED May 7, 2010
Charles F. Tokarski
DUPAGE COUNTY DIVISION OF TRANSPORTATION, COUNTY ENGINEER

PASSED MAY 27, 2010
C. H. H. Christensen
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW MAY 27, 2010
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



BY: *Michael P. Kelly* DATE: APRIL 26, 2010
HDR ENGINEERING, INC.
LICENSE EXPIRES NOV. 30, 2011

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

DATE	BY

DATE	BY

FIELD ENGINEER: MARILYN SOLOMON, P.E. (847)705-4407

GENERAL NOTES

- THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGGERS AND OTHER TRAFFIC CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY, AND ARE NOT NECESSARILY COMPLETE. CONTRACTOR SHALL MAKE HIS OWN INVESTIGATIONS AS TO LOCATION OF ALL EXISTING UNDERGROUND STRUCTURES, CABLES AND PIPELINES IN ACCORDANCE WITH ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.
- ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.
- ALL ROAD SIGNS, STREET SIGNS AND TRAFFIC SIGNS WHICH NEED TO BE RELOCATED OR MOVED DUE TO CONSTRUCTION SHALL BE TAKEN DOWN AND STORED BY THE CONTRACTOR EXCEPT THOSE THAT ARE NECESSARY FOR PROPER TRAFFIC CONTROL WHICH SHALL BE TEMPORARILY RESET UNTIL COMPLETION OF CONSTRUCTION OPERATIONS. AFTER COMPLETION OF THE WORK, THE CONTRACTOR SHALL RESET ALL SAID SIGNS. THE WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. WORK SHALL NOT COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- SPECIAL ATTENTION IS DRAWN TO THE FACT THAT ARTICLE 105.06 OF THE STANDARD SPECIFICATIONS REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.
- THE UNIT PRICE FOR ALL REMOVAL PAY ITEMS SHALL INCLUDE ALL REQUIRED SAW CUTS.
- ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF BURR RIDGE AND WILLOWBROOK. THE CONTRACTOR SHALL ALSO COORDINATE WITH DUPAGE COUNTY D.O.T. FOR TRAFFIC SIGNAL LOCATES.
- WHENEVER, DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EROSION CONTROL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- EXISTING PUBLIC AND PRIVATE UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES, MUNICIPALITIES, AND SURVEYS. IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LOCATION OF ALL UTILITIES AND STRUCTURES THAT MAY BE FOUND IN THE VICINITY OF THE CONSTRUCTION. HE WILL ALSO ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES MAY BE DIFFERENT THAN INDICATED.
- SHOULD ANY DAMAGES OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE REPAIRS IN A MANNER ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF HIS CONSTRUCTION SCHEDULE AND COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER, IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF STANDARD SPECIFICATIONS.
- ALL UTILITIES, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS.
- ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION AND WILL NOT BE PAID FOR SEPARATELY.
- THE CONTRACTOR WILL BE REQUIRED TO KEEP THE CURRENT SIDEWALK OPEN AT ALL TIMES WITH THE USE OF IDOT STANDARD ROAD PLAN 701801-04. THE CONTRACTOR WILL ONLY BE ALLOWED TO DIRECT PEDESTRIANS TO THE OTHER SIDE OF MADISON STREET AT SIGNALIZED OR 4 WAY STOPPED CONTROLLED INTERSECTIONS.
- ALL FIRE HYDRANTS TO BE RELOCATED AS PART OF THE CONTRACT SHALL BE RELOCATED IN ACCORDANCE WITH IDOT-DISTRICT 1 DETAIL BD-36. ALL WORK ASSOCIATED WITH RELOCATING THE HYDRANT SHALL BE CONSIDERED INCLUDED IN THE COST OF TO PAY ITEM 56400100 'FIRE HYDRANTS TO BE MOVED'.
- THE CONTRACTOR SHALL CONTACT AND OBTAIN APPROVAL FROM THE VILLAGE OF WILLOWBROOK PUBLIC WORKS DEPARTMENT FOR ALL MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA. WHENEVER AN EXISTING WATER MAIN OR A SECTION THEREOF IS TO BE SHUT DOWN DURING THE COURSE OF CONSTRUCTION, EVERY INDIVIDUAL CONSUMER SHALL BE NOTIFIED AT LEAST SEVENTY-TWO HOURS PRIOR TO SHUT DOWN.
- TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF STANDARD SPECIFICATION.
- ALL CLEARING, REMOVAL OF BUSHES, HEDGES AND TREES UNDER SIX (6) INCHES IN DIAMETER SHALL BE AS STATED IN SECTION 201 OF STANDARD SPECIFICATION.
- OVERHANGING LIMBS ARE TO BE TRIMMED OR CUT OFF TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF TWENTY (20) FEET FROM THE FINISHED SURFACE OF THE ROAD. CLEARANCE TO SIDEWALKS OR PATHS SHALL BE AS DIRECTED BY THE ENGINEER. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED TREE EXPERT AS STATED IN THESE NOTES AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION. ALL CUTS OVER ONE (1) INCH IN DIAMETER SHALL BE MADE AT THE GROWTH RING AT THE NEXT LARGE BRANCH. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TREE PRUNING (OVER 10" DIAMETER).

- TOPSOIL SHALL BE PLACED TO A DEPTH OF SIX (6) INCHES AND BE MEASURED IN SQUARE YARDS.
- THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.
- TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.
- ALL EXISTING GRANULAR AND HOT-MIX ASPHALT PAVEMENT TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT PAVEMENT BY GRINDING OR EXCAVATING. IF THE HOT-MIX ASPHALT PAVEMENT IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. HOT-MIX ASPHALT PAVEMENT REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO HOT-MIX ASPHALT PAVEMENT SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.
- ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL.
- ALL EXISTING DOMESTIC BUFFALO BOXES ARE TO BE ADJUSTED BY THE CONTRACTOR. THE COST OF THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- THE STATION / OFFSET / ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
- EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING CONNECTED.
- MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.
- ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER.
- ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS. THE COST OF INVERTS SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.
- ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER; THIS WORK WILL BE PAID FOR AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.
- TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
- TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
- THE CONTRACTOR SHALL PERFORM THE LAYOUT AND STAKING OF THE BIKE PATH ALIGNMENT AT THE PROJECT SITE AND THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION LAYOUT PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE MATERIALS FOR AGGREGATE BASE COURSE SHALL BE RESTRICTED TO CRUSHED CA-6.
- WHERE CLOSED LIDS ARE PROVIDED, THEY SHALL BE FURNISHED WITH 2-INCH RAISED LETTERS CAST INTO THE LID READING "RESTRICTOR", "STORM", "SANITARY", OR "WATER" AS APPROPRIATE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE LID PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL NOT BEGIN THE WORK TO BE PERFORMED UNDER THE CONTRACT WITHOUT WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER TO PROCEED WITH THE WORK AND SHALL COMMENCE WORK NOT LATER THAN TEN (10) DAYS AFTER RECEIVING THE AUTHORIZATION TO PROCEED.

☐ DENOTES WORK NOT PAID FOR SEPERATELY

UTILITY INFORMATION

UTILITY	CONTACT	PHONE
ATT- DISTRIBUTION	SHARON TILJAK	708-709-2523
COMED- JOLIET	JOE STACHO	630-424-5704
COMCAST- BLUE ISLAND	THOMAS MUNAR	630-600-6352
FLAGG CREEK WATER RECLAMATION DISTRICT	TOM O'CONNOR	630-323-3299
LEVEL 3 COMMUNICATIONS		877-366-8344
NICOR GAS	SCOTT STOGSDILL	630-938-8676
ATT- T-TGG	JIM EVERETT	770-335-9815
VILLAGE OF WILLOWBROOK	TIM HALIK	630-920-2261

PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
PT. OF WAY CHECKED		
ADJ. FILE NAME		
NO.		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
NOTED		
STRUCTURE		
NOTATIONS		
CHKD		
NO.		

FILE NAME =	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - ML	REVISED -		GENERAL NOTES			2674	07-00001-10-BT	DUPAGE	24	2
		CHECKED - MPK	REVISED -		SCALE: NTS			SHEET NO. 1 OF 1 SHEETS			CONTRACT NO: 63470	
		DATE - 03/12/2010	REVISED -		STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEM (*)	S.P. NEEDED (X)	PAY ITEM NUMBER	FULL PAY ITEM NAME	UNIT OF MEASURE	QUANTITY (Y047)
		20101100	TREE TRUNK PROTECTION	EACH	14
		20101200	TREE ROOT PRUNING	EACH	14
		20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10
		20200100	EARTH EXCAVATION	CU YD	238
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	130
		20800150	TRENCH BACKFILL	CU YD	2
		21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	680
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	9
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	9
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	9
		25100630	EROSION CONTROL BLANKET	SQ YD	680
		25200110	SODDING, SALT TOLERANT	SQ YD	680
		25200200	SUPPLEMENTAL WATERING	UNIT	18
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	14
		28000400	PERIMETER EROSION BARRIER	FOOT	1,531
		28000500	INLET AND PIPE PROTECTION	EACH	2
		31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1,321
		35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,039
		35501316	HOT MIX ASPHALT BASE COURSE, 8"	SQ YD	163
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	459
		40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	218
		42001300	PROTECTIVE COAT	SQ YD	195
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,244
		42400800	DETECTABLE WARNINGS	SQ FT	214
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	163
		44000600	SIDEWALK REMOVAL	SQ FT	5,315

* DENOTES SPECIALTY ITEM.

PLAN	DATE
SURVEYED	BY
ALIGNED	DATE
RT. OF WAY CHECKED	
NO. _____	
FILE NAME _____	

PROFILE	DATE
SURVEYED	BY
CREATED	DATE
BLM. NOTED	
STRUCTURE NOTATIONS OK'D	
NO. _____	

FILE NAME =	USER NAME = *USER*	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	PLOT SCALE = *SCALE*	DRAWN - ML	REVISED -			2674	07-00001-10-BT	DUPAGE	24	3
	PLOT DATE = *DATE*	CHECKED - MPK	REVISED -			SUMMARY OF QUANTITIES CONTRACT NO: 63470				
		DATE - 03/12/2010	REVISED -	SCALE: NTS	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

SUMMARY OF QUANTITIES

SPECIALTY ITEM (*)	S.P. NEEDED (X)	PAY ITEM NUMBER	FULL PAY ITEM NAME	UNIT OF MEASURE	QUANTITY (Y047)
	X	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	196
		550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	8
*		56400100	FIRE HYDRANTS TO BE MOVED	EACH	1
*	X	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1
	X	60238800	INLETS, TYPE A	EACH	1
		60250200	CATCH BASINS TO BE ADJUSTED	EACH	1
		60255500	MANHOLES TO BE ADJUSTED	EACH	1
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4
		60402210	GRATES, TYPE 8	EACH	1
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1
		67100100	MOBILIZATION	L SUM	1
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
		70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	X	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1.50
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	499
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	840
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	27
	X	78300100	PAVEMENT MARKING REMOVAL	SQ FT	218
	X	XX007657	TRAIL TREE ROOT BARRIER	FOOT	684
	X	Z0013798	CONSTRUCTION LAYOUT	L SUM	1

* DENOTES SPECIALTY ITEM.

SCHEDULE OF EARTH EXCAVATION (20200100)						
LOCATION	EARTH EXCAVATION 20200100 CU YD	EXCAVATION AVAILABLE ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT VOLUME NEEDED CU YD	BALANCE PER STAGE WASTE (+) NEED (-) CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 20201200 CU YD	SUB-BASE GRANULAR MATERIAL, TYPE B 6" 31101400 SQ YD
MADISON ST. BIKE PATH - STA. 9+97.09 TO STA. 19+74.81	238	202	30	172	130	1,321
PROJECT TOTAL	238				130	1,321
(ASSUMES 15% SHRINKAGE FACTOR)						

SEE CROSS-SECTION SHEETS 15-24 FOR STATION BY STATION BREAKDOWN OF EARTHWORK QUANTITY

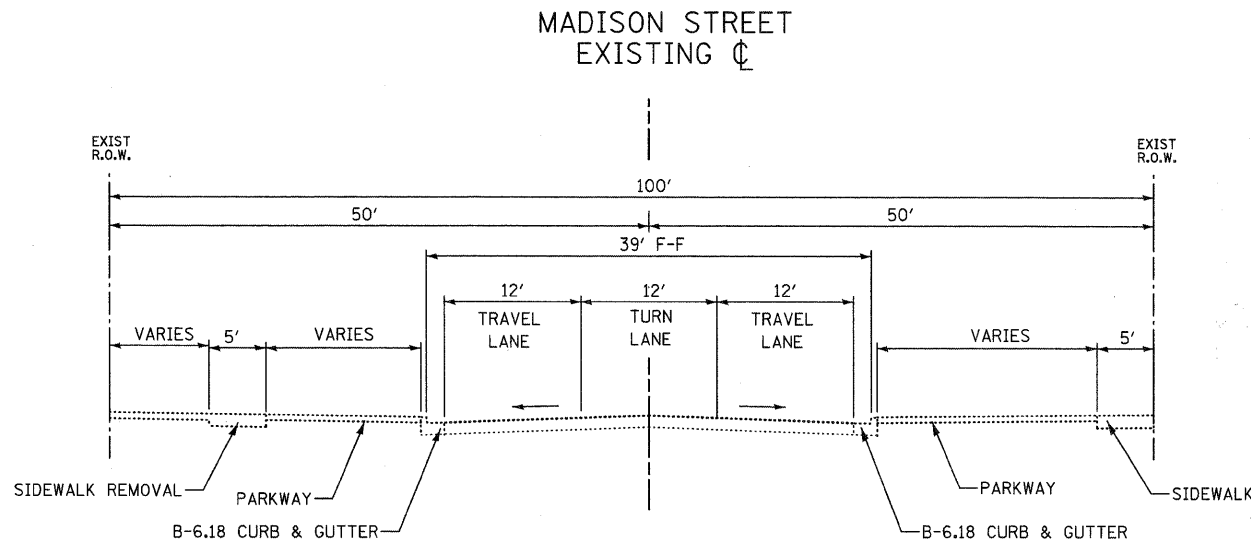
FILE NAME =	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.U. RTE. 2674	SECTION 07-00001-10-BT	COUNTY DUPAGE	TOTAL SHEETS 24	SHEET NO. 4
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	PLOT DATE = #DATE#	DATE - 03/12/2010	REVISED -			CONTRACT NO: 63470				

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NOTE BOOK NO.					

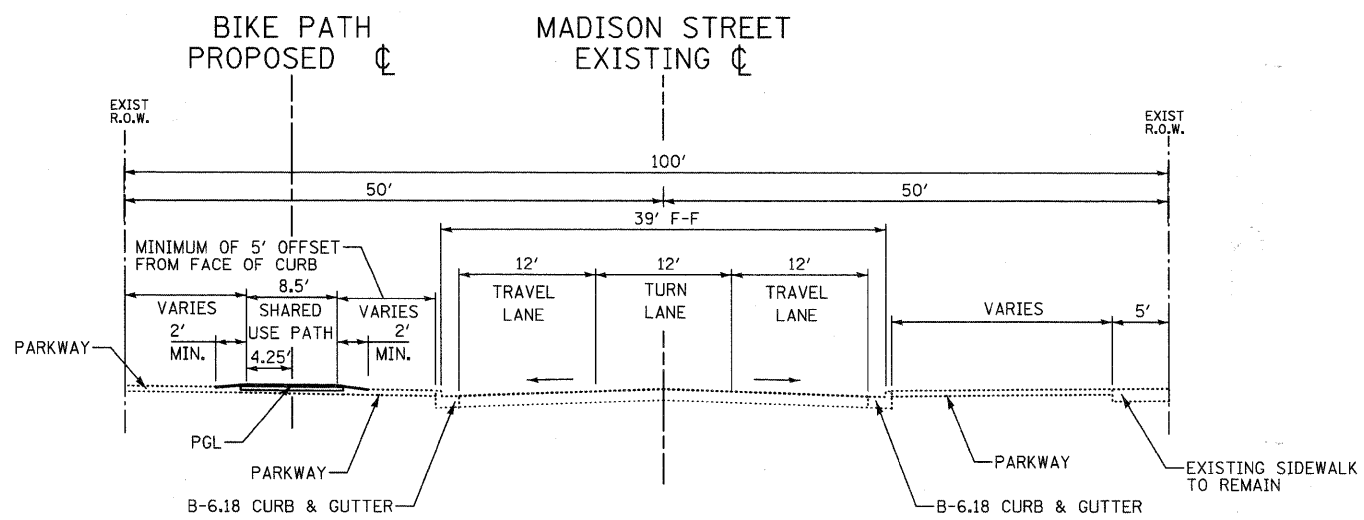
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NOTE BOOK NO.				

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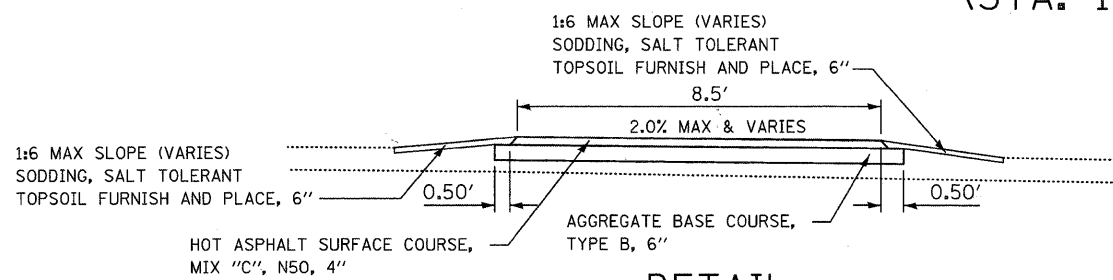
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	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
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EXISTING TYPICAL SECTION
 STA. 10+00.00 TO STA. 19+68.55
 (STA. 16+03.31 TO 16+51.21 ENTRANCE OMISSION)



PROPOSED TYPICAL SECTION
 STA. 10+00.00 TO STA. 19+68.55
 (STA. 16+03.31 TO 16+51.21 ENTRANCE OMISSION)



DETAIL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIX TYPE	% AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm) 2"	4% @ 50 GYRATIONS

UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES 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 =	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - ML	REVISED -			2674	07-0001-10-BT	DUPAGE	24	5	
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	PLOT DATE = #DATE#	DATE - 03/12/2010	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: NTS	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.		

PROP. CURVEPR_PATH-1
 PI STA. =12+31.62
 $\Delta = 5^\circ 15' 11''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 4.59'$
 $L = 8.75'$
 $E = 0.11'$
 $e = (2.0\%)$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA =12+27.04
 P.T. STA =12+35.79

PT# 200, NGS BM DK 3296
 SURVEY DISK SET IN CONC BASE OF LIGHTPOLE
 @ SE CORNER OF PLAINFIELD AND MADISON ST
 ELEVATION+732.18 NAVD88

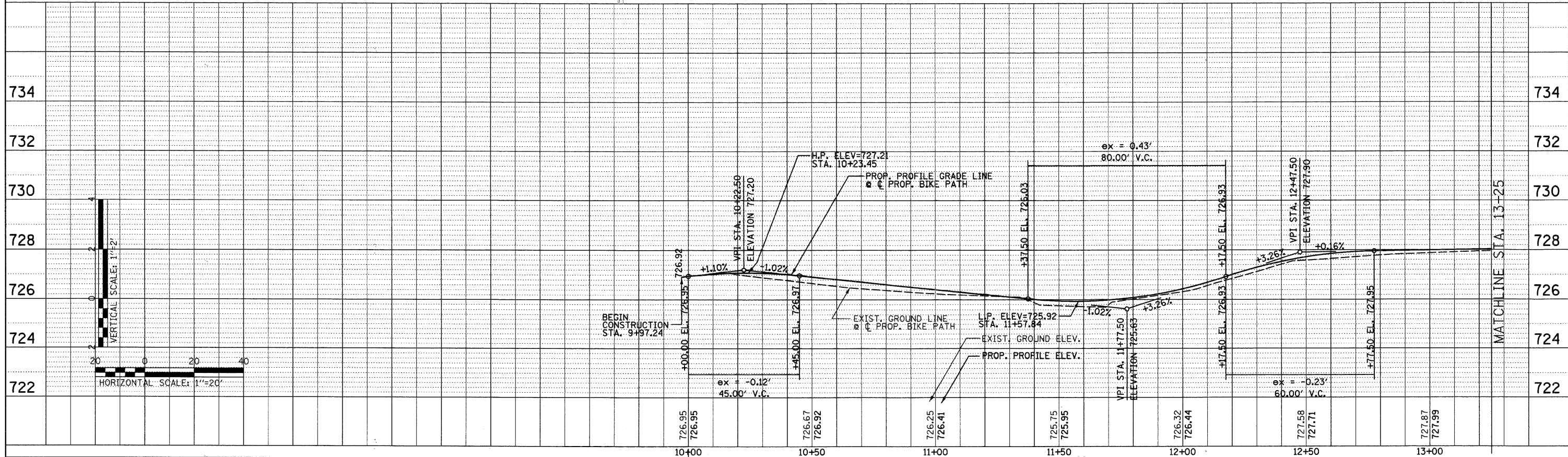
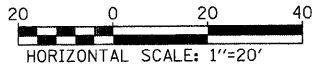
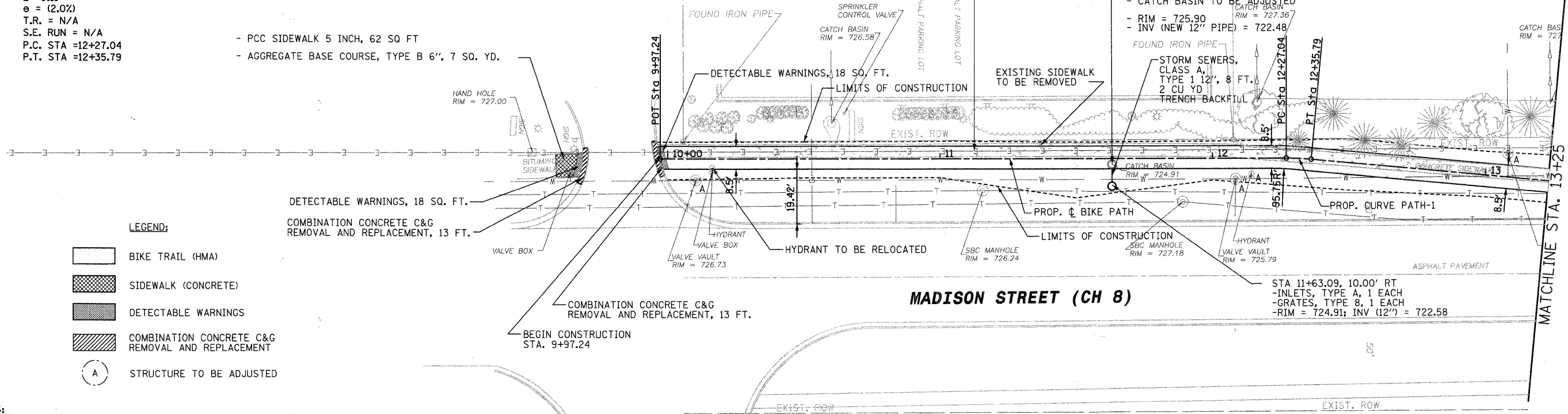
- PCC SIDEWALK 5 INCH, 62 SQ FT
 - AGGREGATE BASE COURSE, TYPE B 6", 7 SQ. YD.

- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 36 TONS
 - BITUMINOUS MATERIALS (PRIME COAT), 162 GAL.
 - AGGREGATE BASE COURSE, TYPE B 6", 324 SQ. YD.

DATE	
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PROF.	
NO.	

- LEGEND:**
- BIKE TRAIL (HMA)
 - SIDEWALK (CONCRETE)
 - DETECTABLE WARNINGS
 - COMBINATION CONCRETE C&G REMOVAL AND REPLACEMENT
 - STRUCTURE TO BE ADJUSTED

NOTES:
 ALL EXISTING SIDEWALK THROUGHOUT THE PROPOSED BIKE PATH SHALL BE REMOVED. WORK PAID FOR AS SIDEWALK REMOVAL.
 ALL EXISTING PAVEMENT MARKING THAT CONFLICTS WITH PROPOSED PAVEMENT MARKING SHALL BE REMOVED. WORK PAID FOR AS PAVEMENT MARKING REMOVAL.

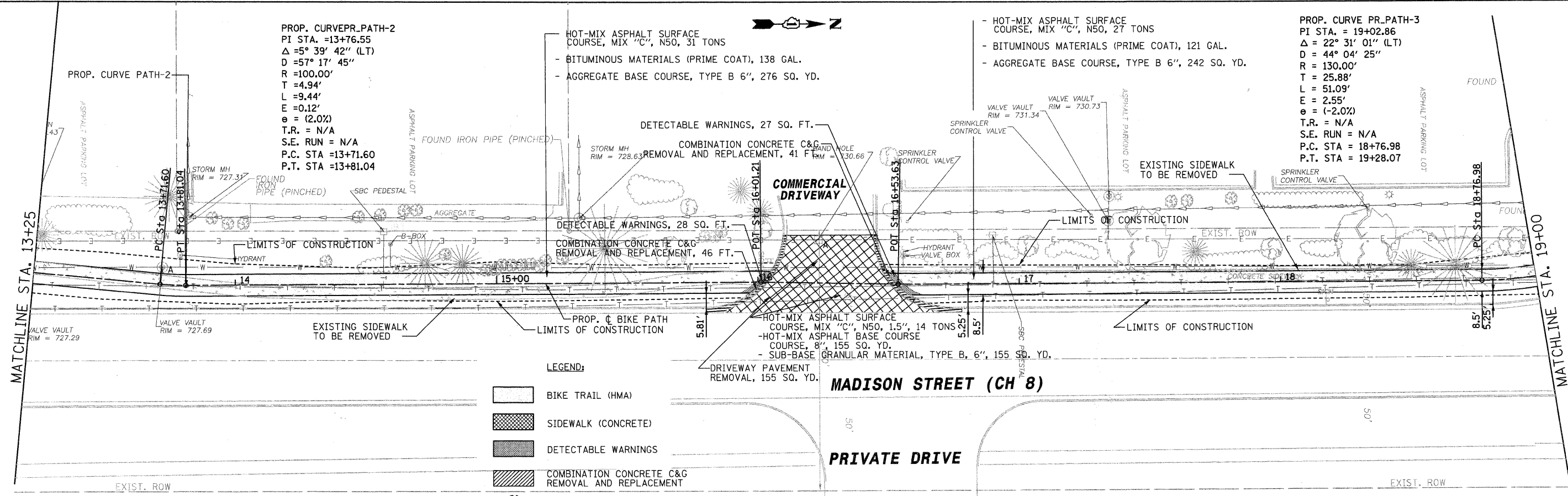


FILE NAME =	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS EXISTING AND PROPOSED PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - ML	REVISED -			2674	07-00001-10-BT	DUPAGE	24	6	
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PLOT DATE = #DATE#		DATE - 03/12/2010	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

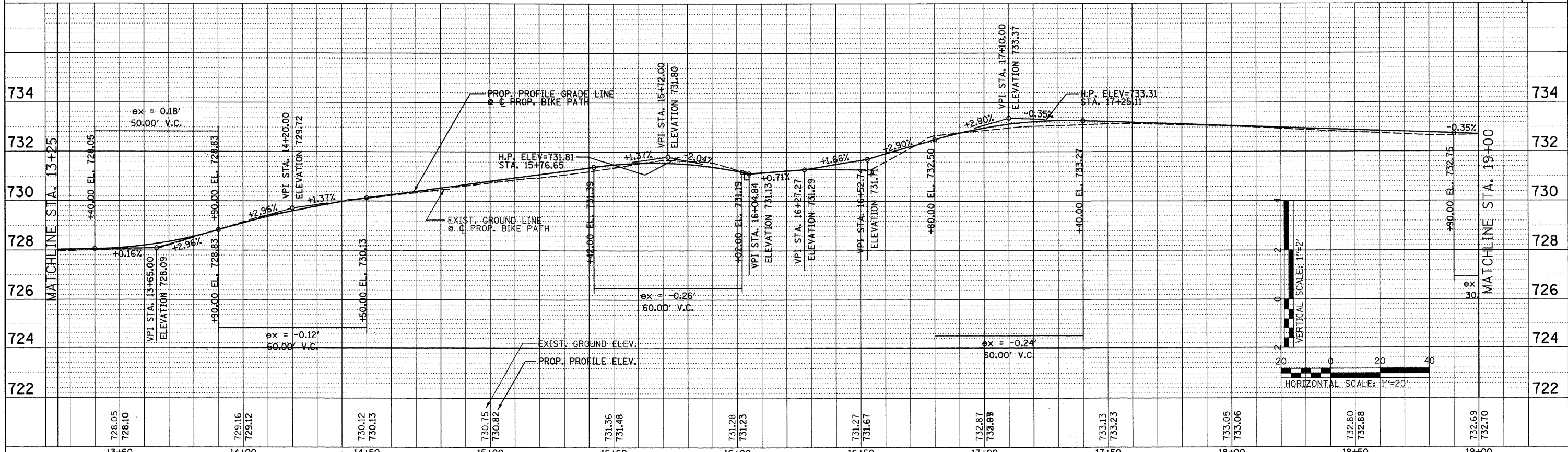
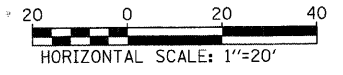
SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 9+97.09 TO STA. 13+25

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	GRADES CHECKED	BY
	B.M. NOTED	
	STRUCTURE NOTATIONS CHFD	
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	NO. OF FILE NAME	



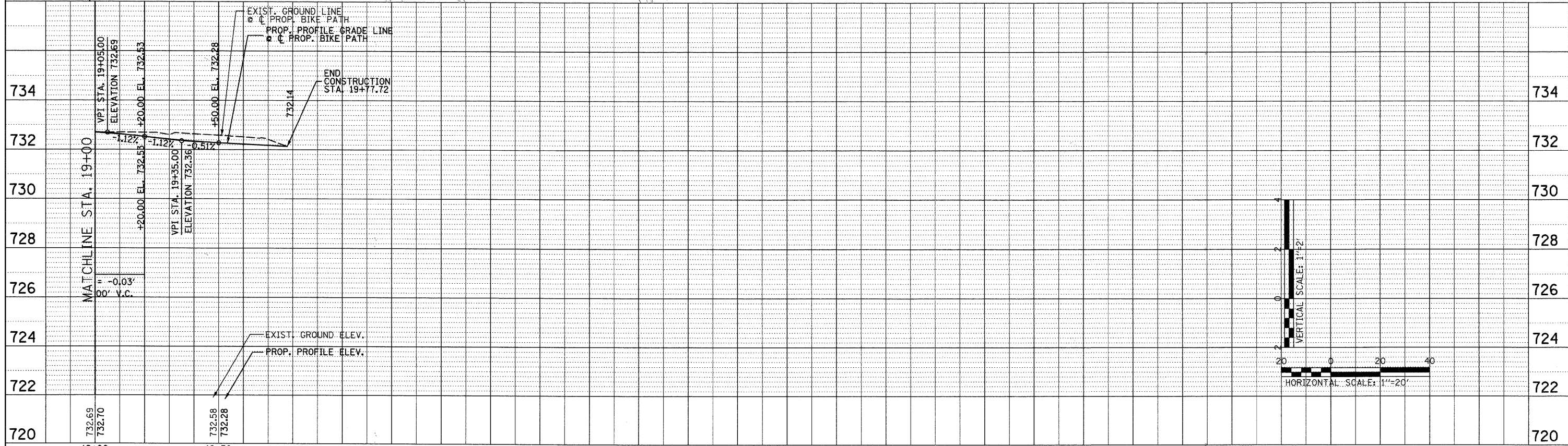
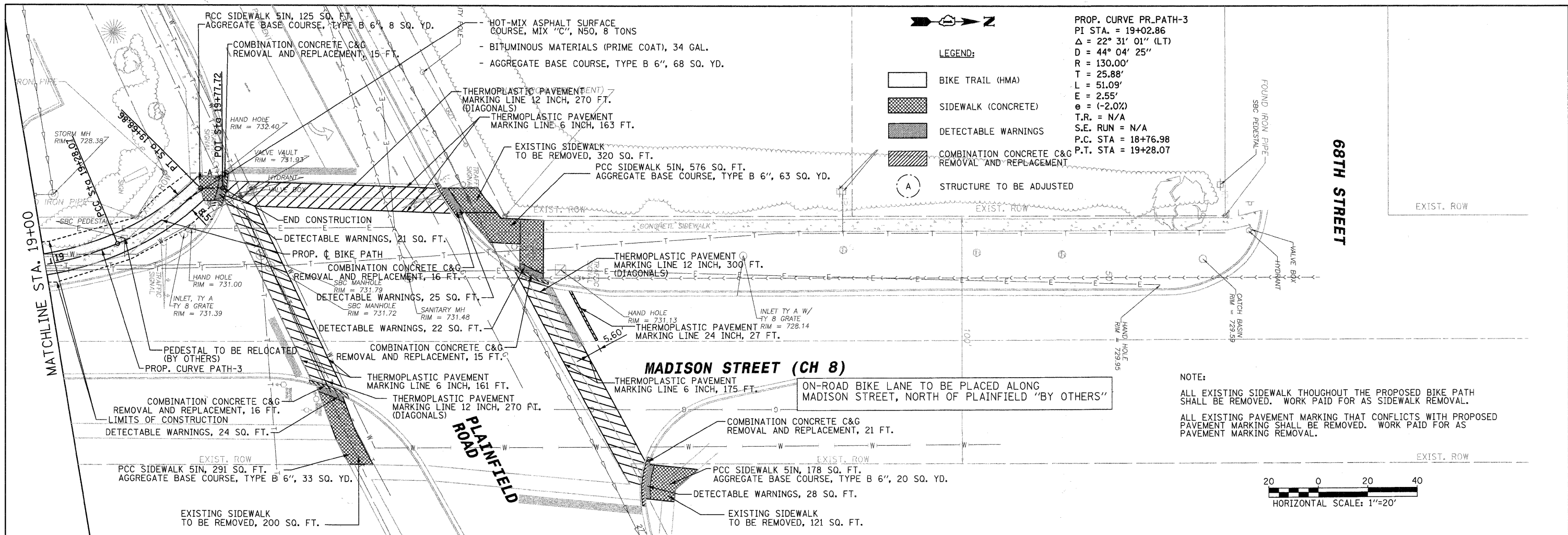
NOTE:
 ALL EXISTING SIDEWALK THROUGHOUT THE PROPOSED BIKE PATH SHALL BE REMOVED. WORK PAID FOR AS SIDEWALK REMOVAL.
 ALL EXISTING PAVEMENT MARKING THAT CONFLICTS WITH PROPOSED PAVEMENT MARKING SHALL BE REMOVED. WORK PAID FOR AS PAVEMENT MARKING REMOVAL.



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS EXISTING AND PROPOSED PLAN	F.A.U. RTE. 2674	SECTION 07-00001-10-BT	COUNTY	TOTAL SHEETS 24	SHEET NO. 7
PLOT SCALE = #SCALE#	CHECKED - MPK	REVISOR -	SCALE: 1" = 20'			SHEET NO. 2 OF 3 SHEETS	STA. 13+25 TO STA. 19+00	DUPAGE	CONTRACT NO: 63470	
PLOT DATE = #DATE#	DATE - 03/12/2010	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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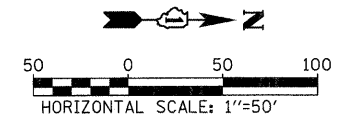


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		DATE - 03/12/2010	REVISED -								

GENERAL NOTES FOR SOIL EROSION CONTROL

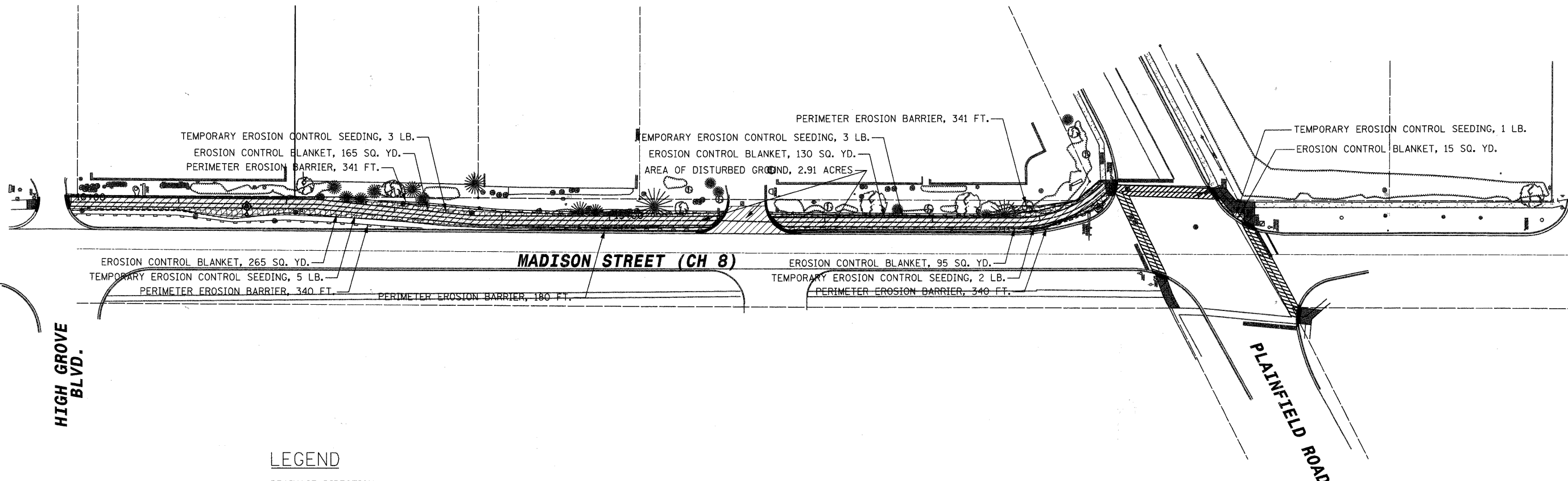
- PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK, CULVERT, OR STORM SEWER CONSTRUCTION.
- THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THIS TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND AREAS DAMAGED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE RESTORED. THE RESTORATION OF THE AREA DISTURBED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE INCLUDED IN THE PAY ITEM OF PERIMETER EROSION BARRIER.
- THE INSTALLATION, REMOVAL & MAINTENANCE OF PERIMETER EROSION BARRIER SHALL BE PAID FOR UNDER THE ITEM OF PERIMETER EROSION BARRIER.
- ALL DISTURBED AREAS SHALL BE SEEDED/SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION IN THAT AREA HAS CONCLUDED.
- ALL SEEDED AREAS SHALL BE COVERED WITH EROSION CONTROL BLANKET.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 15-116 OF THE DU PAGE COUNTY COUNTYWIDE STORM WATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE SEPTEMBER 24, 1991 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILR40.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
- ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.

- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
- CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
- ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
- THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- THE COST OF REMOVING SEDIMENT OR REPAIRING EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.



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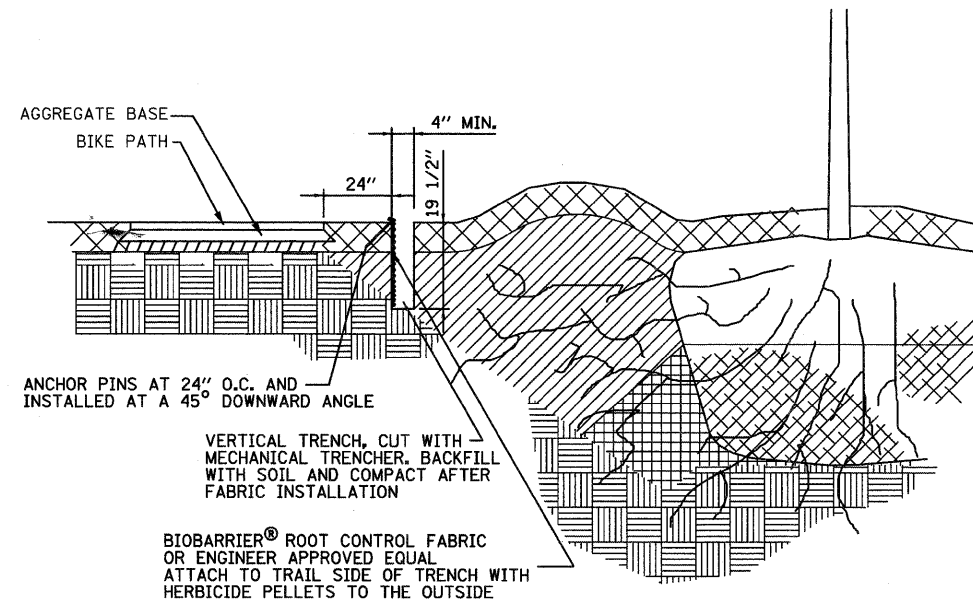
LEGEND

- DRAINAGE DIRECTION
- TEMPORARY EROSION CONTROL SEEDING (28000250) AND EROSION CONTROL BLANKET (25100630)
- LIMITS OF CONSTRUCTION
- WORK ZONE
- PERIMETER EROSION BARRIER (28000400)
- INLET AND PIPE PROTECTION (28000500)

FILE NAME =	USER NAME = #USER*	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS EROSION CONTROL PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - ML	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS	STA. 9+97.09 TO STA. 19+74.81	2674	07-00001-10-BT	DUPAGE	24	9
		CHECKED - MPK	REVISED -		CONTRACT NO: 63470							
		DATE - 03/12/2010	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

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	STRUCTURE NOTATIONS CHECKED	
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	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	



TRAIL ROOT BARRIER

N.T.S.

FILE NAME =	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS DETAIL			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = #DATE#	DATE - 03/12/2010	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ③)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ③)

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)

18" (450) MAX.

1/4" (5) **

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

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 6" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

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

3" (75) MIN.

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 USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ④).

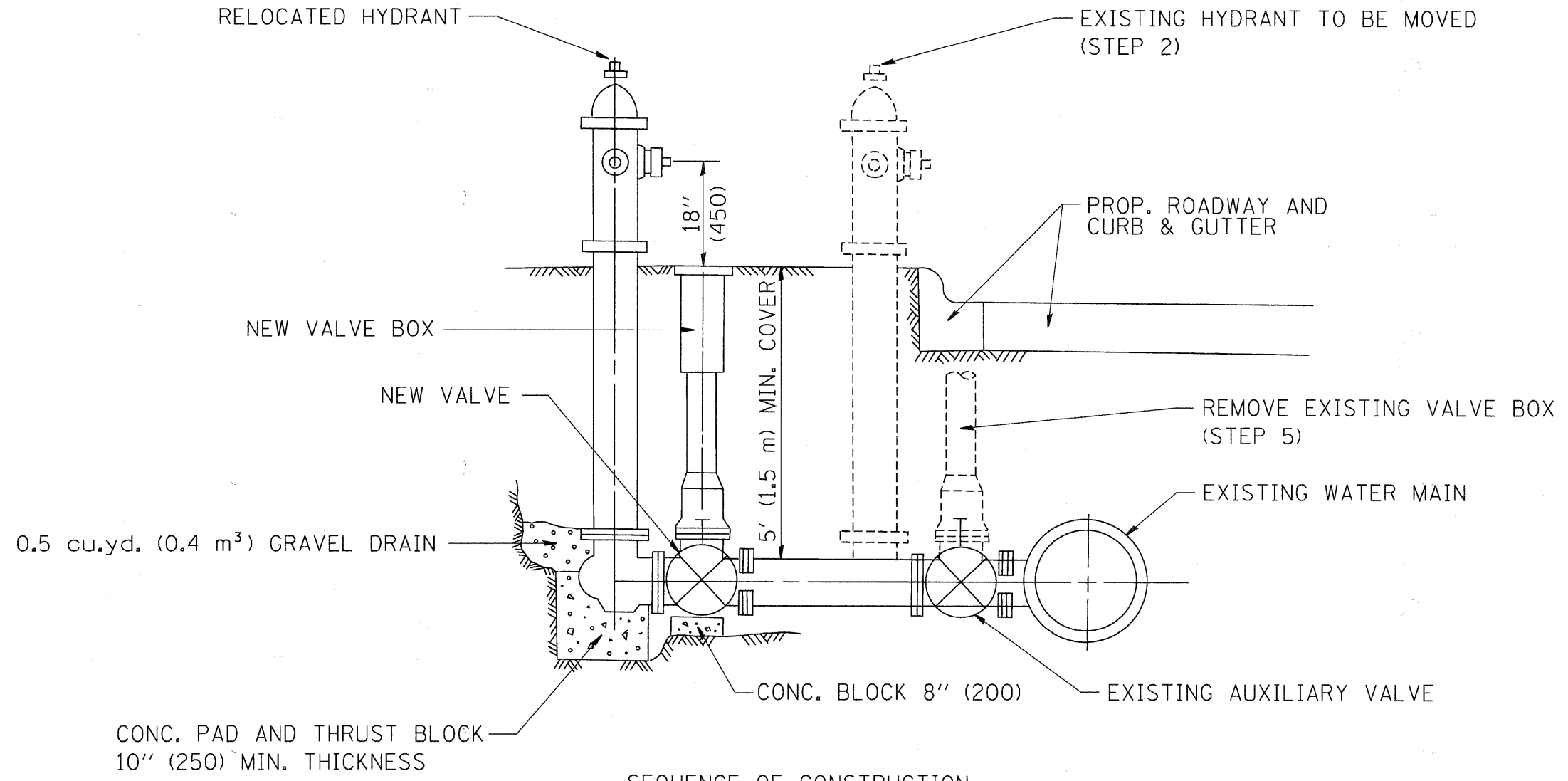
BASIS OF PAYMENT:

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 =	USER NAME = drivakosgn	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. 2674	SECTION 07-00001-10-BT	COUNTY DUPAGE	TOTAL SHEETS 24	SHEET NO. 11		
c:\pwork\pwork\drivakosgn\ad018315\bd24.dgn	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. ABBAS 03-21-97			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. BD600-06 (BD-24)		
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - M. GOMEZ 01-22-01			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
			REVISED - R. BORO 12-15-09									



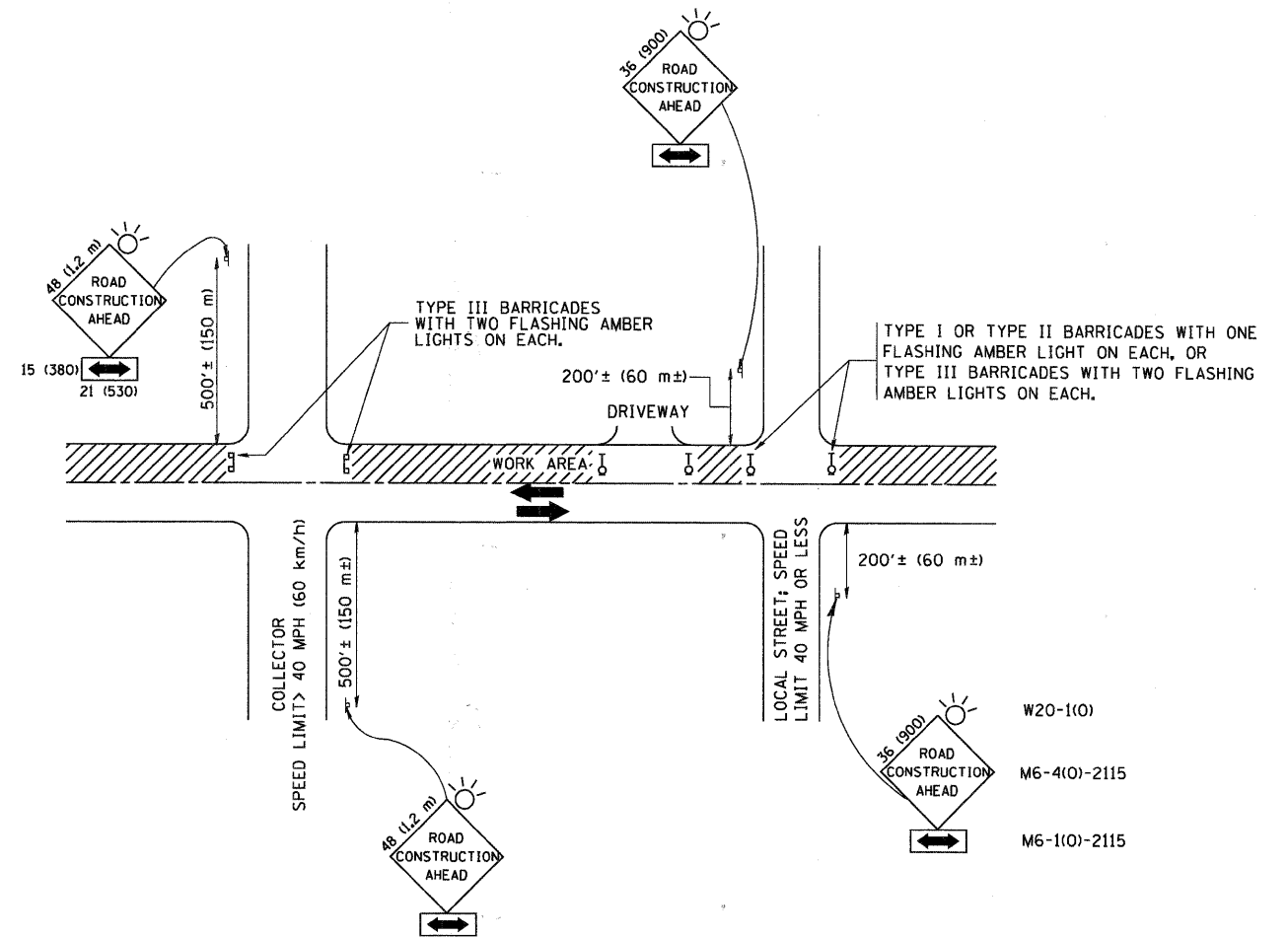
- SEQUENCE OF CONSTRUCTION:
1. CLOSE EXISTING VALVE.
 2. REMOVE EXISTING HYDRANT.
 3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
 4. RELOCATE EXISTING HYDRANT.
 5. OPEN EXISTING VALVE, REMOVE BOX.
 6. BACKFILL.
 7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A. RTE. 2674	SECTION 07-00001-10-BT	COUNTY DUPAGE	TOTAL SHEETS 24	SHEET NO. 12
		DRAWN -	REVISED - R. SHAH 10-25-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-36		CONTRACT NO.	
		CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



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 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.

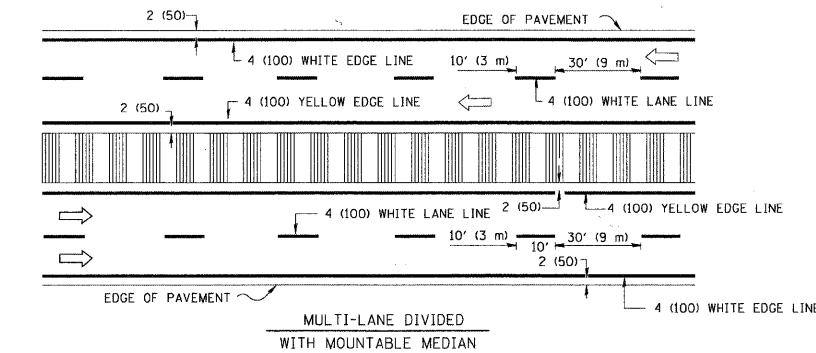
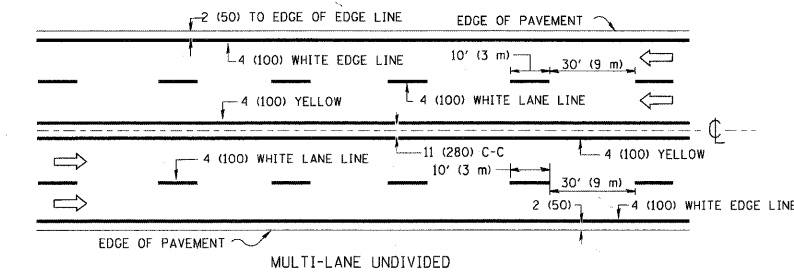
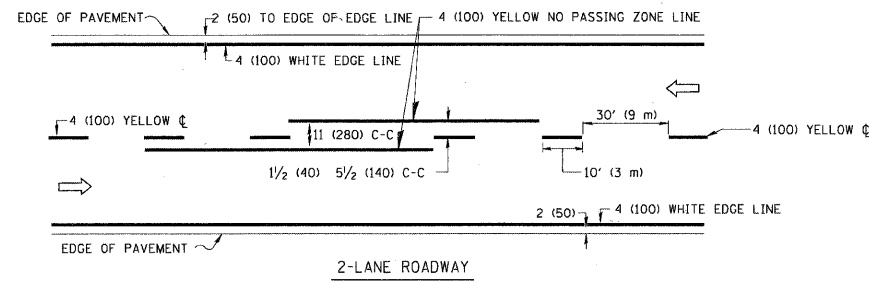
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

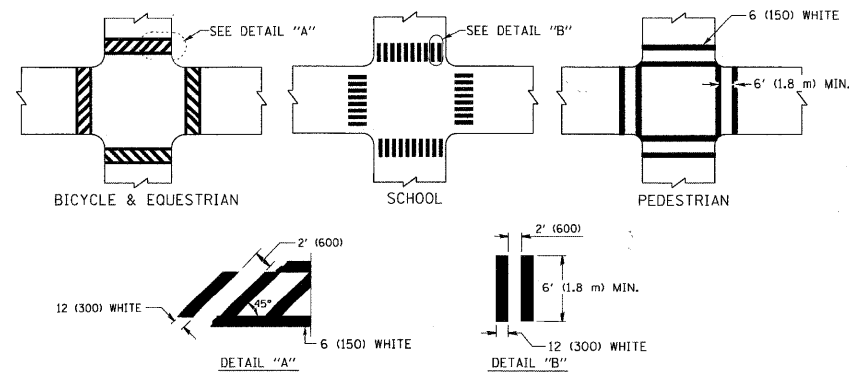
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

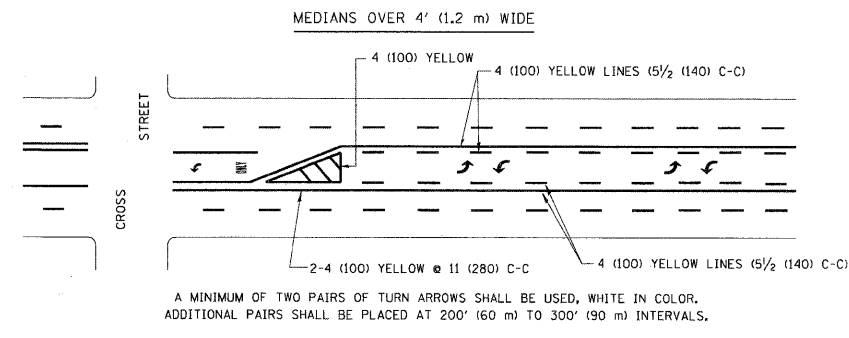
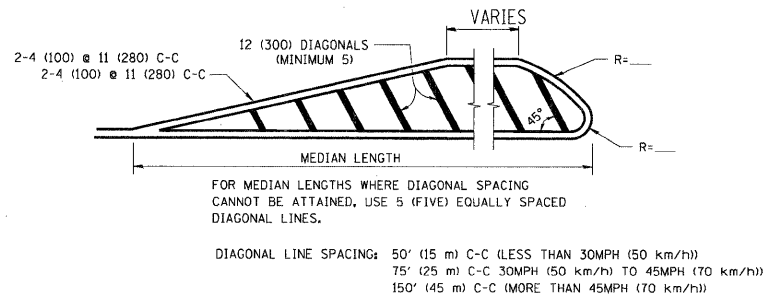
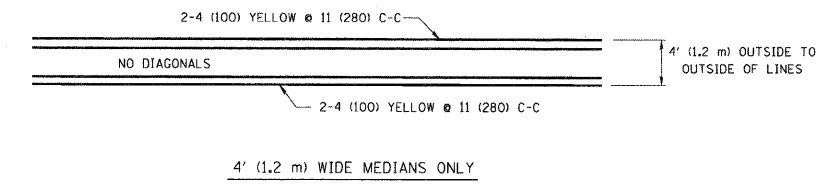
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TC-10			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



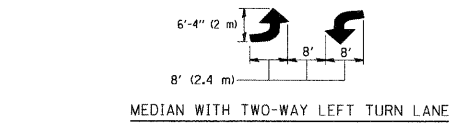
TYPICAL LANE AND EDGE LINE MARKING



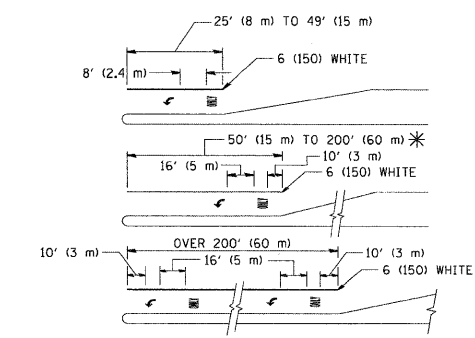
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



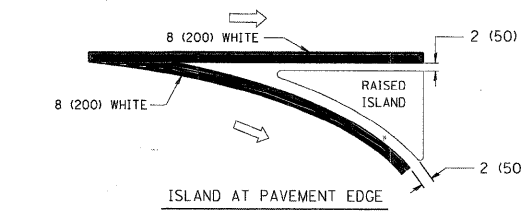
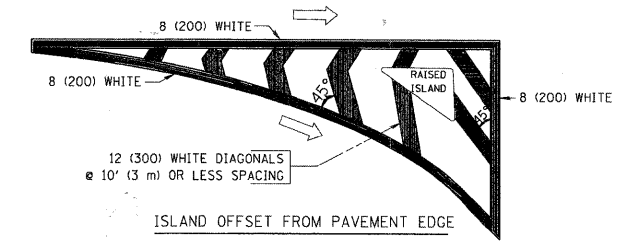
TYPICAL TURN LANE MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE

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 TURN LANE MARKING



TYPICAL ISLAND MARKING

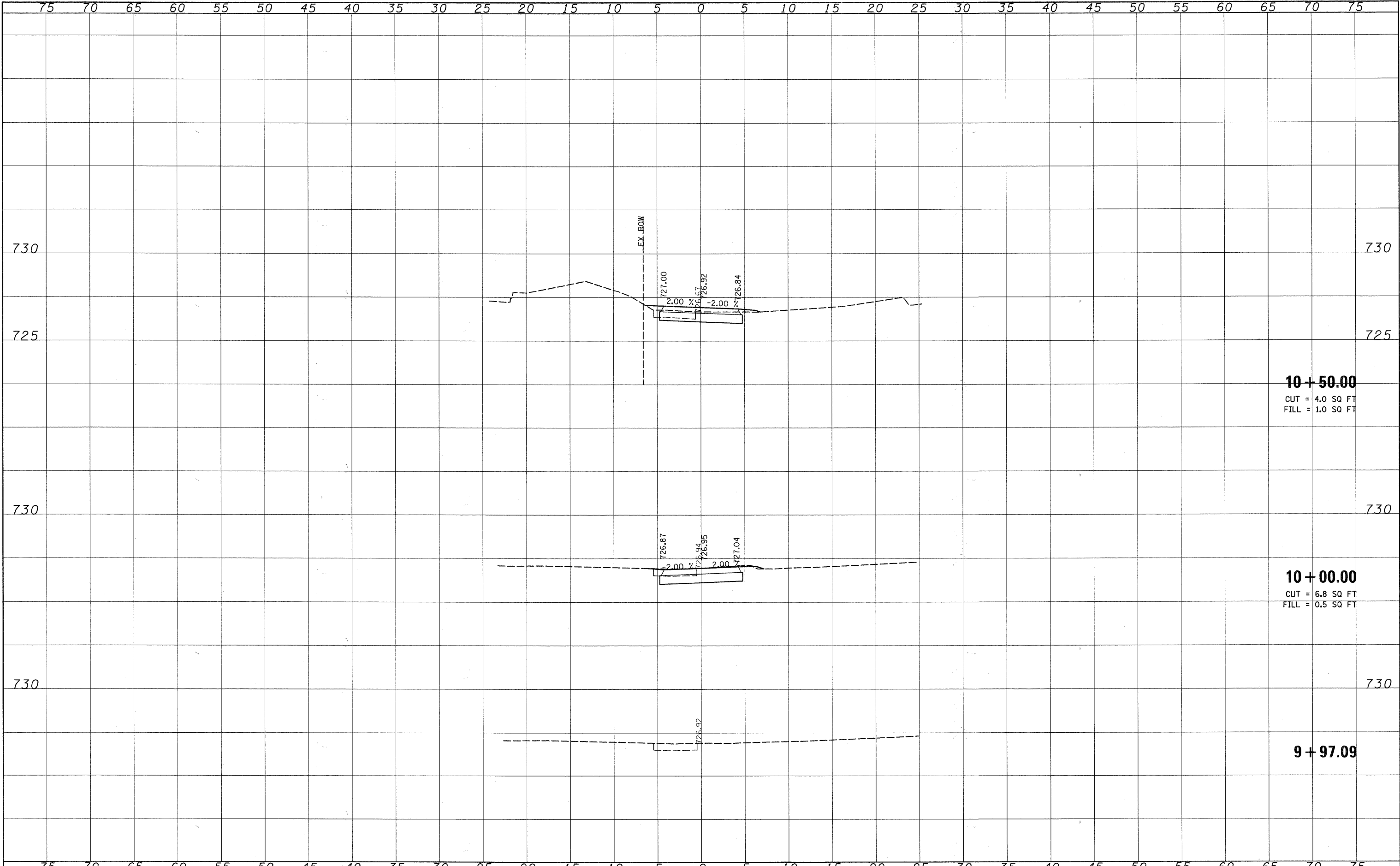
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 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 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) AREA OF LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

DATE	
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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NOTE BOOK	
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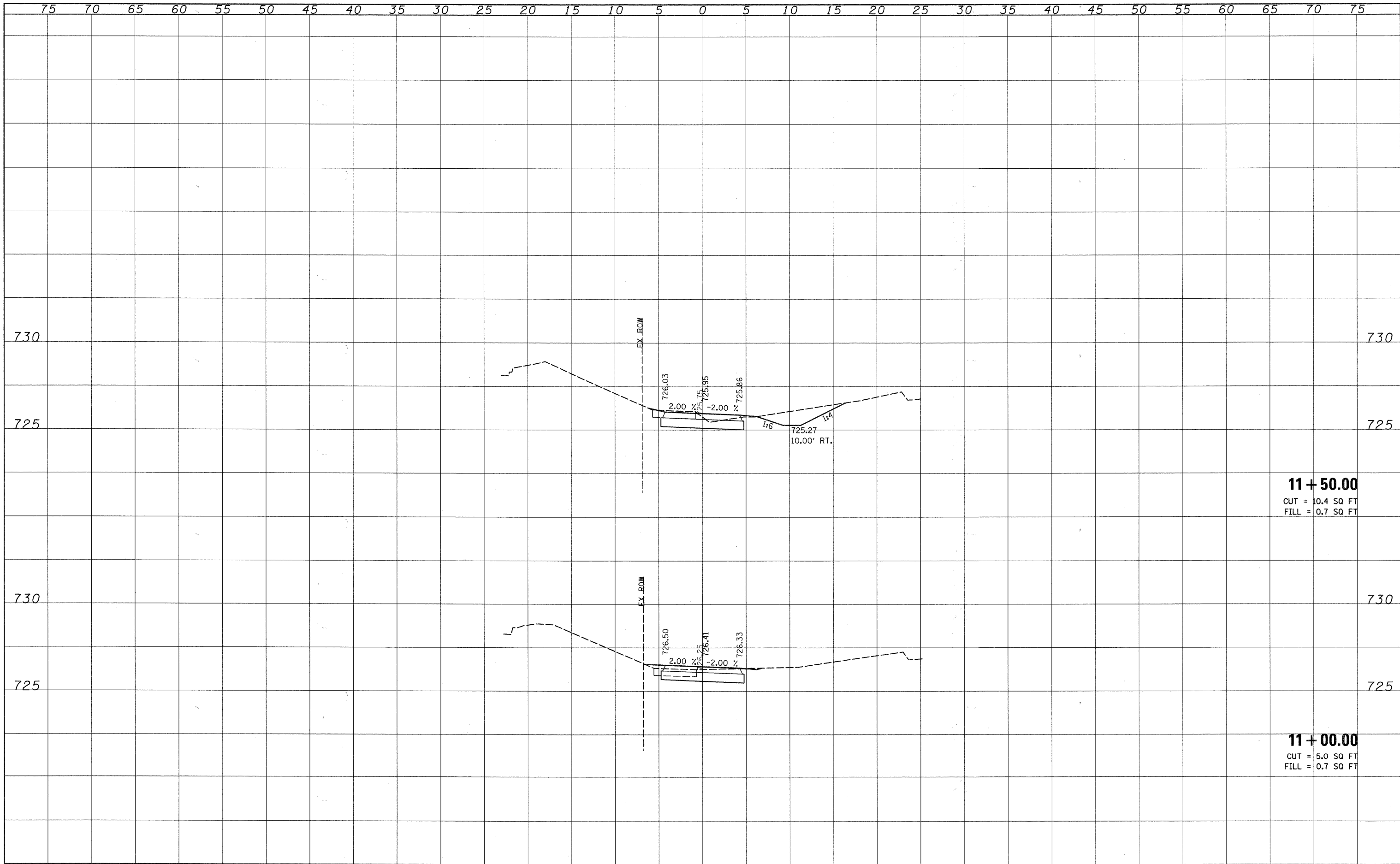
10 + 50.00
 CUT = 4.0 SQ FT
 FILL = 1.0 SQ FT

10 + 00.00
 CUT = 6.8 SQ FT
 FILL = 0.5 SQ FT

9 + 97.09

FINAL SURVEY	SURVEYED	DATE
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ORIGINAL SURVEY	SURVEYED	DATE
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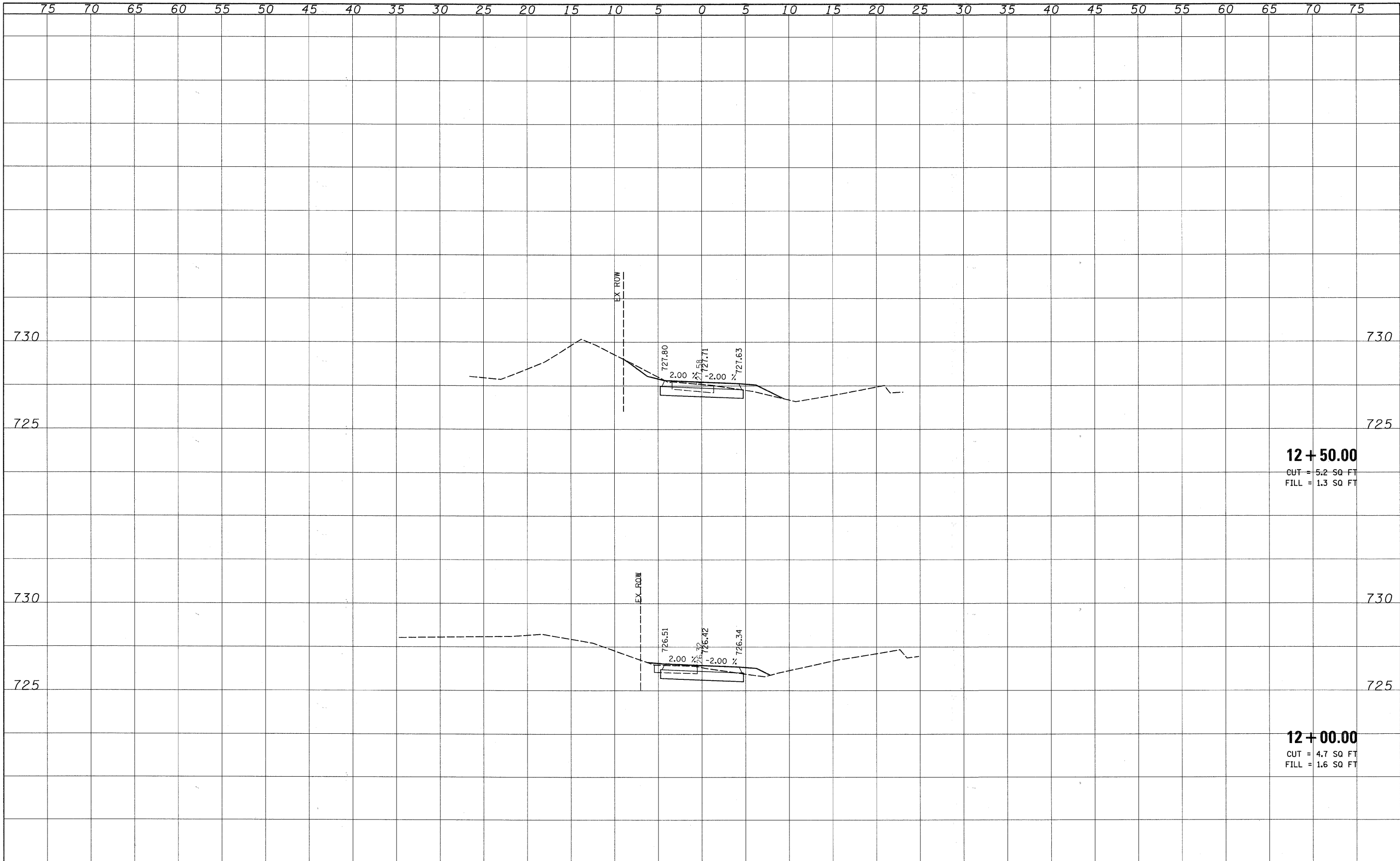


11 + 50.00
 CUT = 10.4 SQ FT
 FILL = 0.7 SQ FT

11 + 00.00
 CUT = 5.0 SQ FT
 FILL = 0.7 SQ FT

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NOTE BOOK	PLOTTED	BY
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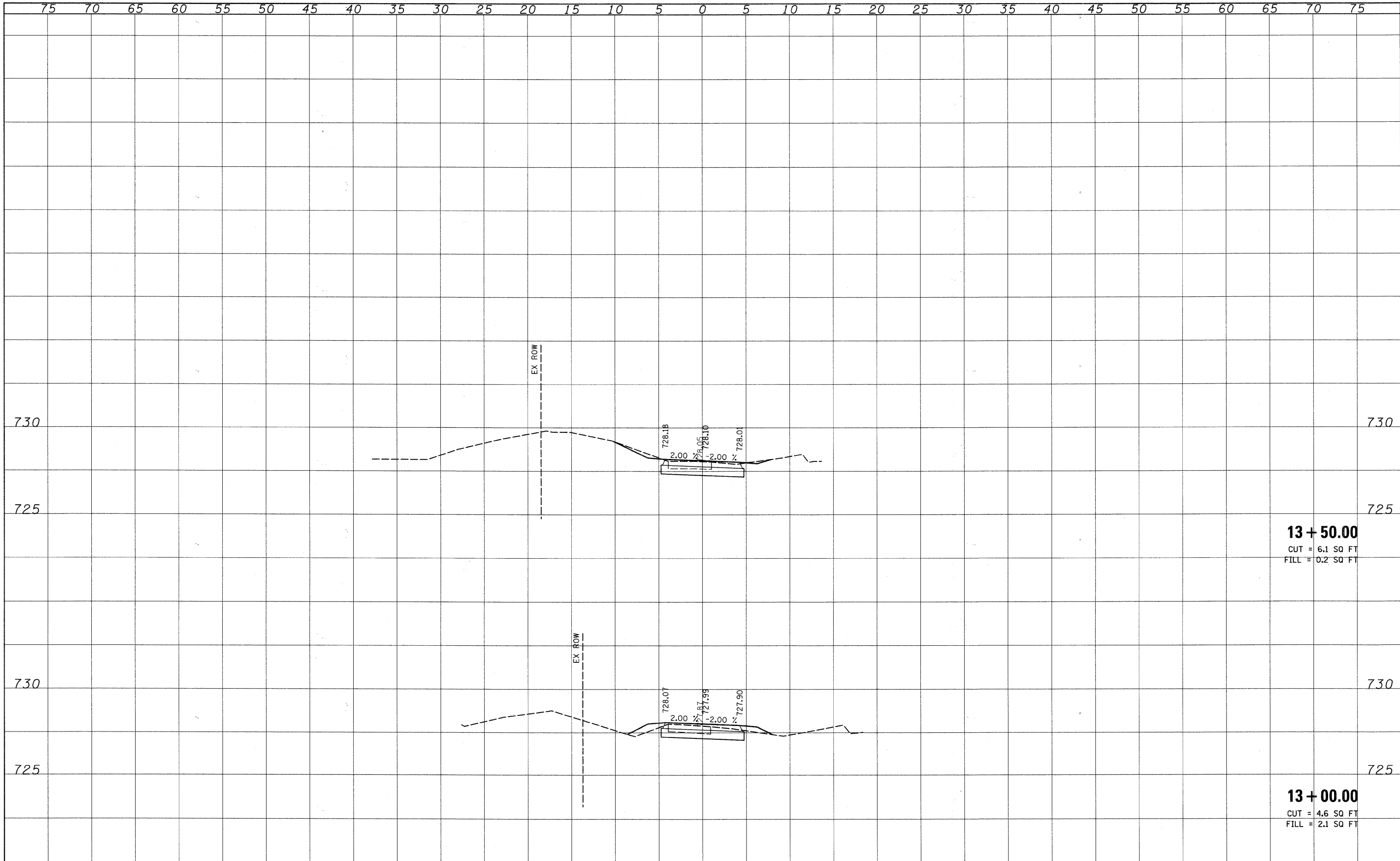


12 + 50.00
 CUT = 5.2 SQ FT
 FILL = 1.3 SQ FT

12 + 00.00
 CUT = 4.7 SQ FT
 FILL = 1.6 SQ FT

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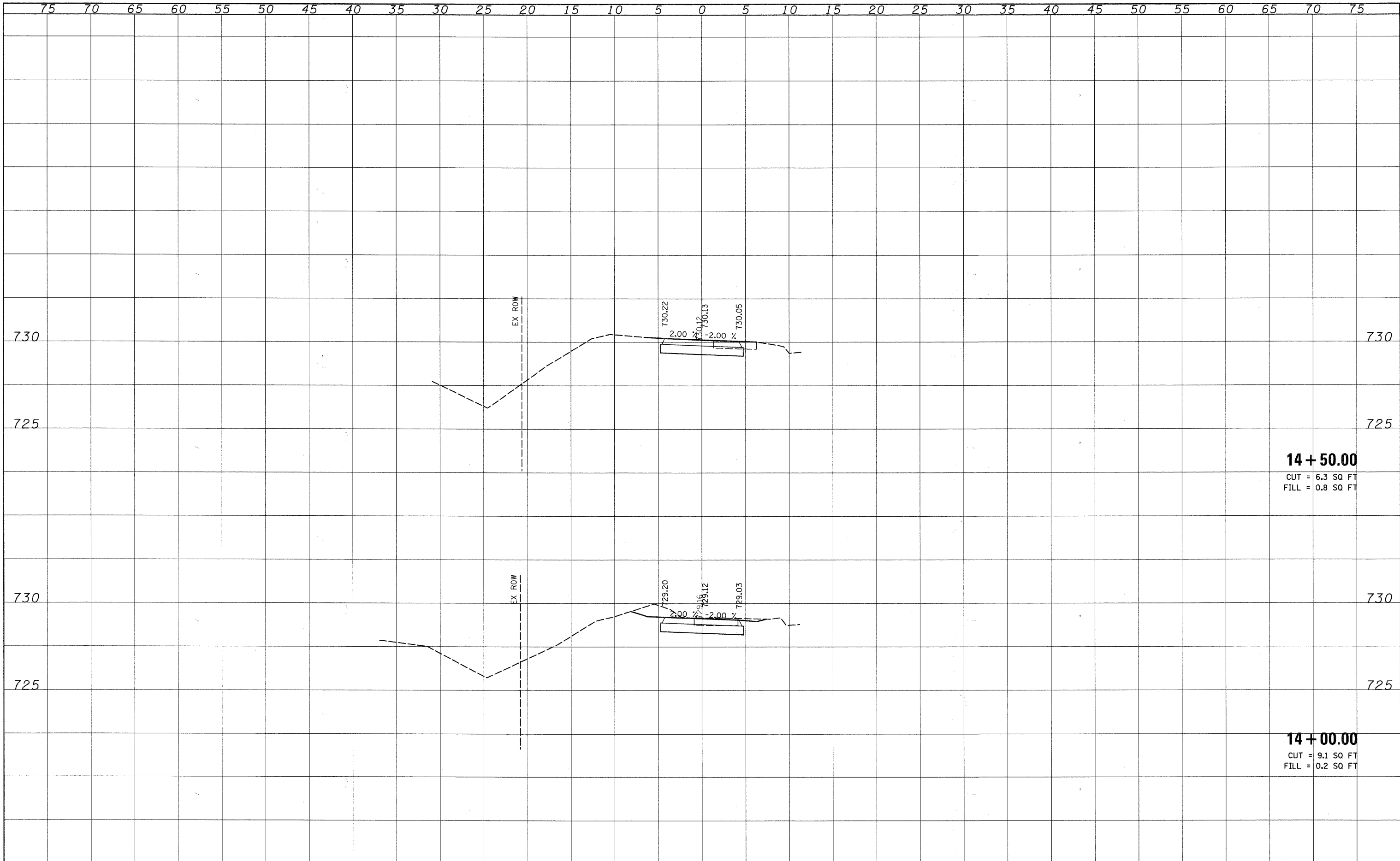
13 + 50.00
 CUT = 6.1 SQ FT
 FILL = 0.2 SQ FT

13 + 00.00
 CUT = 4.6 SQ FT
 FILL = 2.1 SQ FT

FILE NAME =	USER NAME = #USER#	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET (CH 8) BIKE PATH IMPROVEMENTS CROSS SECTIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILEL#		DRAWN - ML	REVISED -		SCALE: 1"=5'(H); 2.5'(V)	SHEET NO. 4 OF 10 SHEETS	STA. 13+00	TO STA. 13+50	2674	07-00001-10-BT	DUPAGE	24	18
		CHECKED - MPK	REVISED -								CONTRACT NO: 63470		
		DATE - 02/19/2010	REVISED -								FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS CHECKED	

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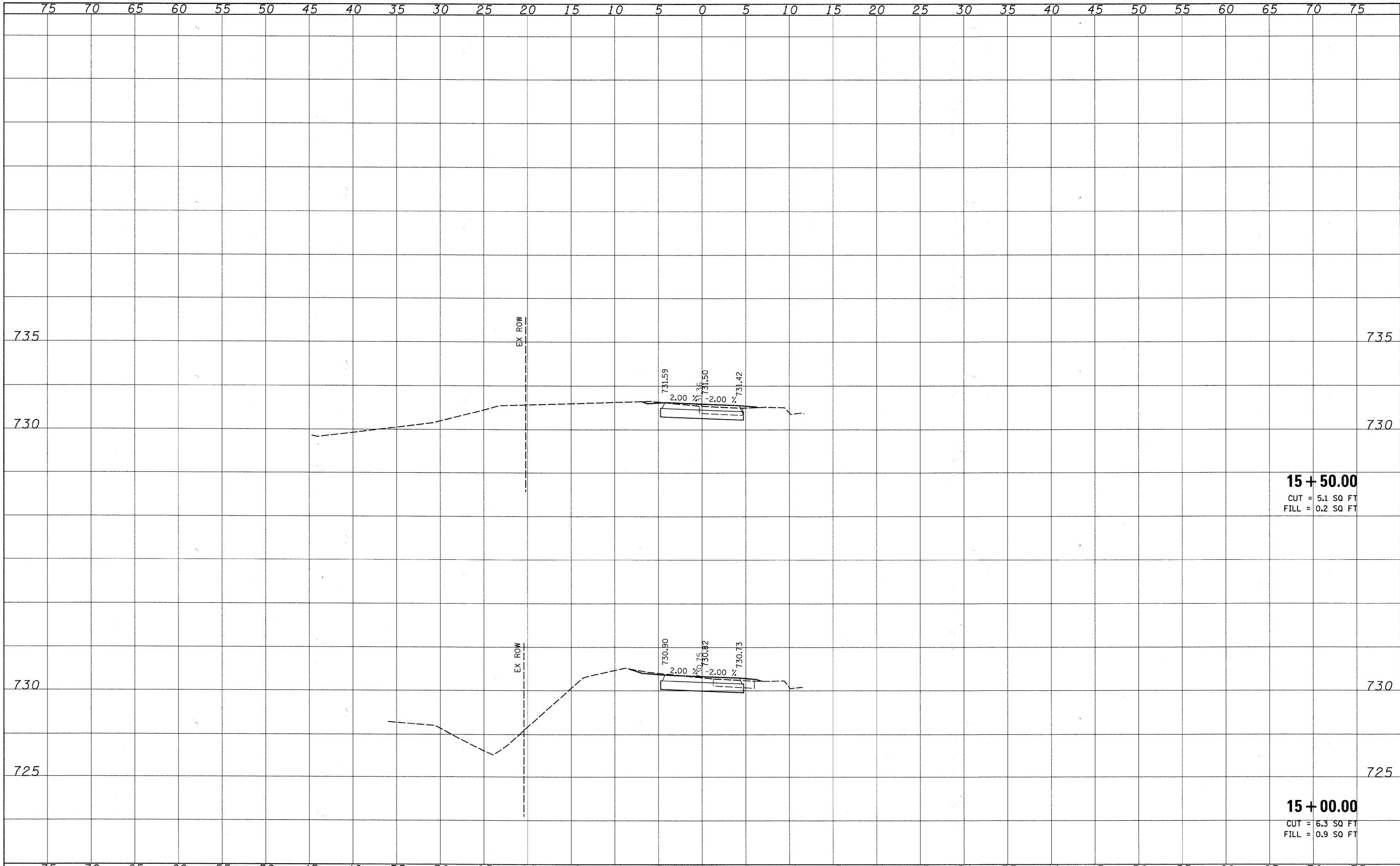


14 + 50.00
 CUT = 6.3 SQ FT
 FILL = 0.8 SQ FT

14 + 00.00
 CUT = 9.1 SQ FT
 FILL = 0.2 SQ FT

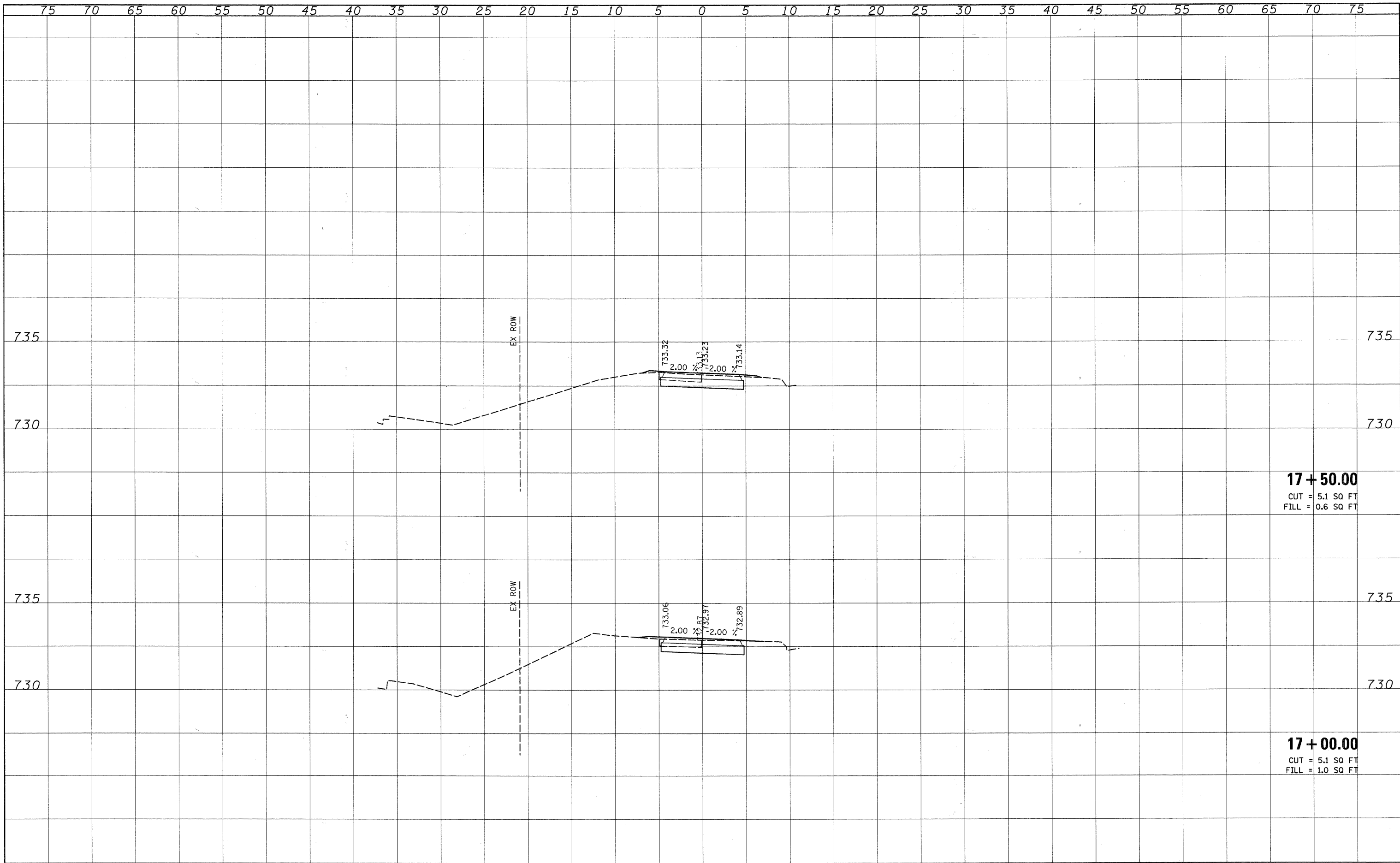
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ORIGINAL SURVEY	DATE
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15 + 50.00
 CUT = 5.1 SQ FT
 FILL = 0.2 SQ FT

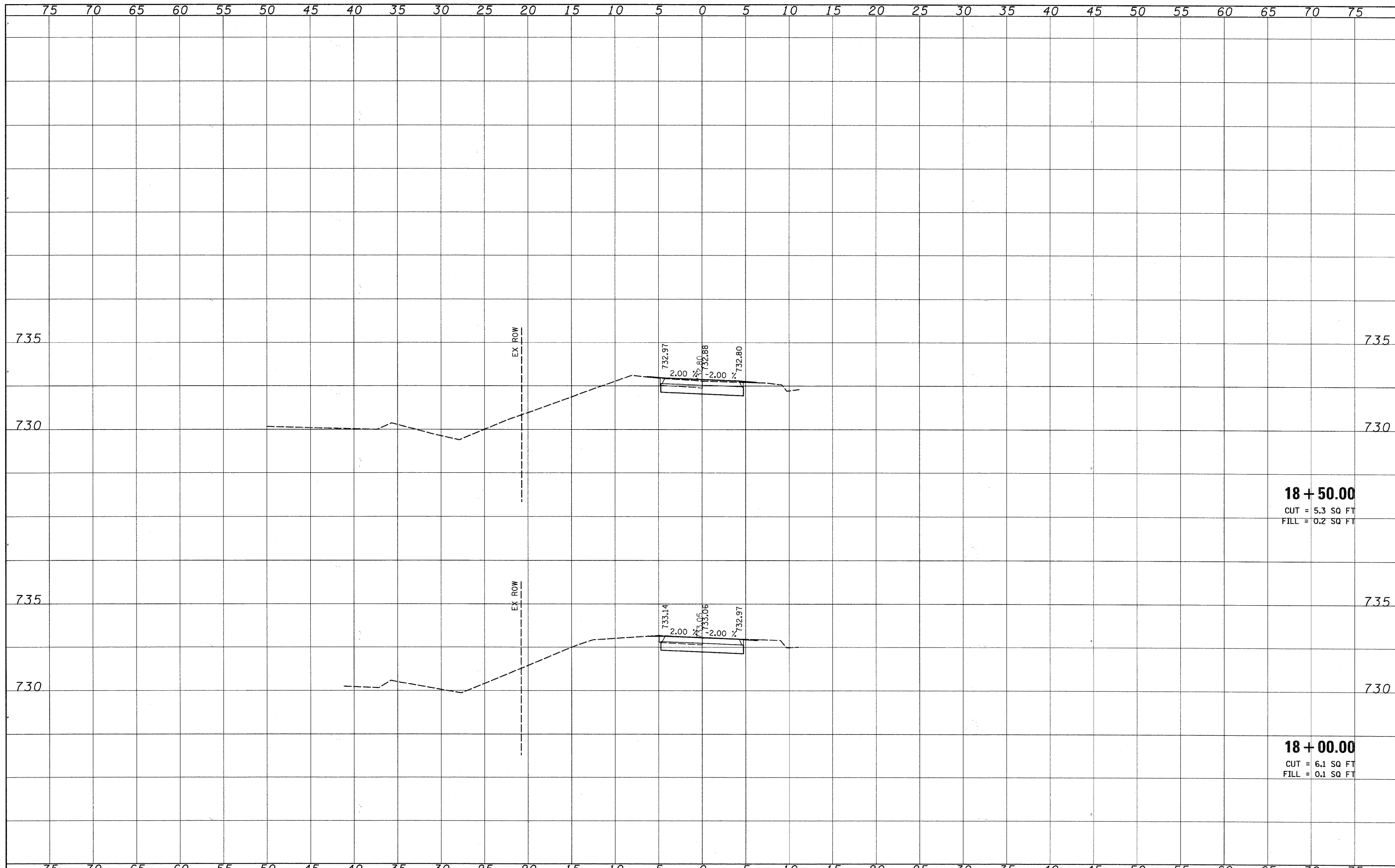
15 + 00.00
 CUT = 6.3 SQ FT
 FILL = 0.9 SQ FT



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NOTE BOOK	
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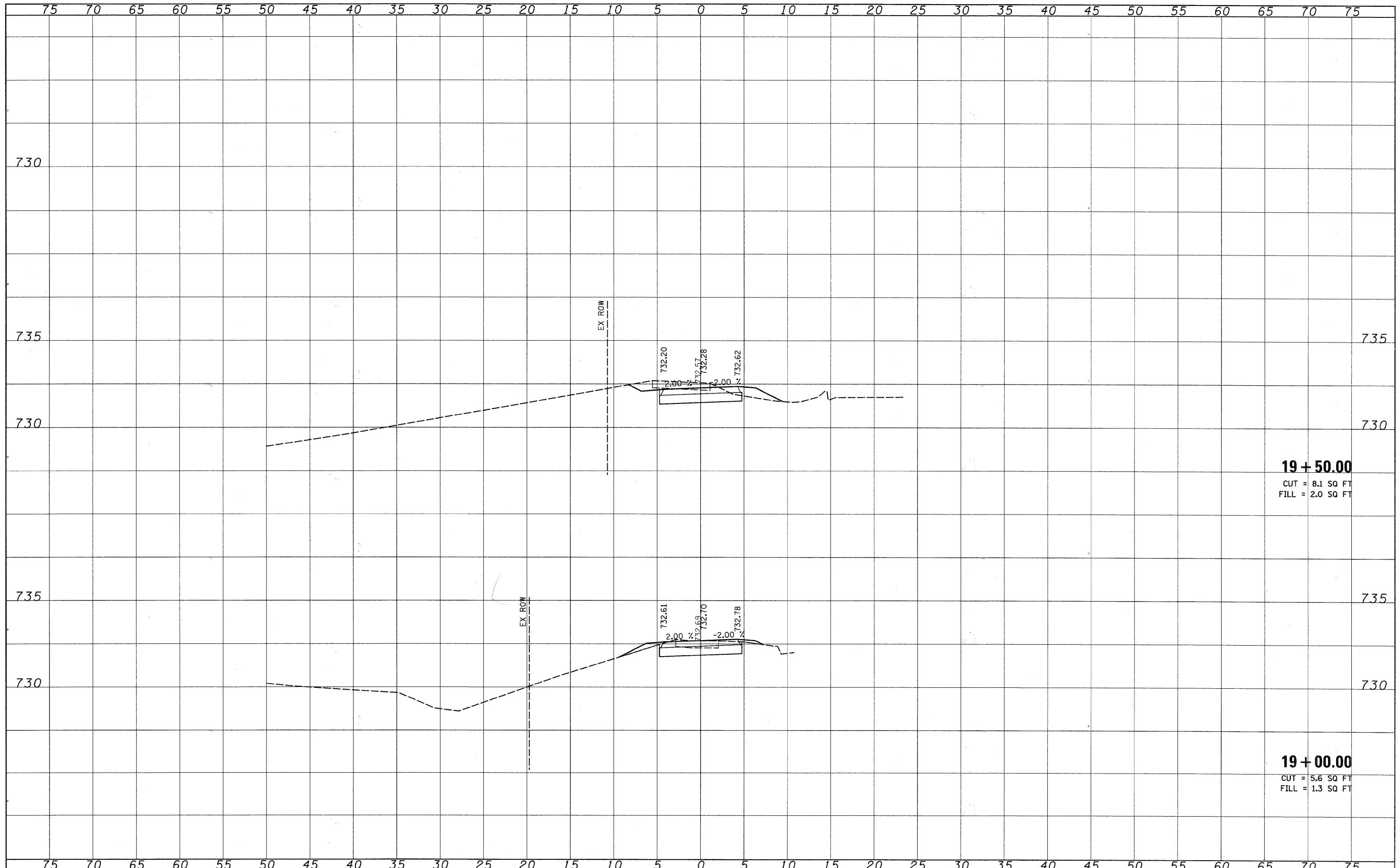
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	PLOT DATE = #DATE#	CHECKED - MPK	REVISED -									
		DATE - 02/19/2010	REVISED -									



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DATE	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
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19 + 50.00
 CUT = 8.1 SQ FT
 FILL = 2.0 SQ FT

19 + 00.00
 CUT = 5.6 SQ FT
 FILL = 1.3 SQ FT

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