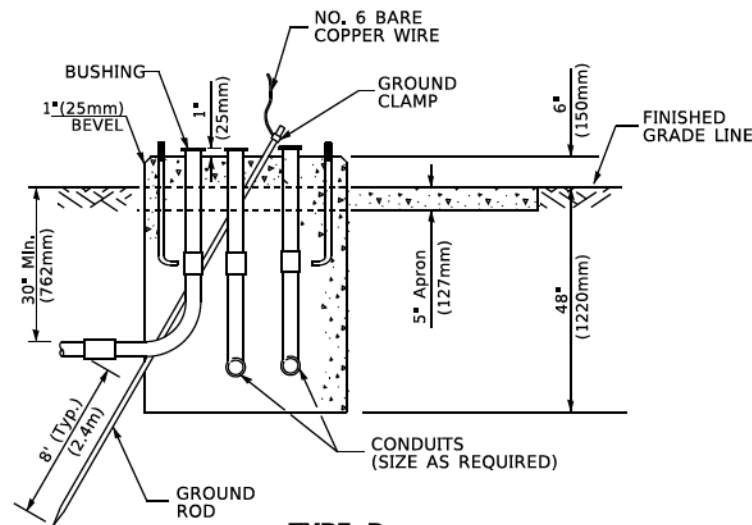
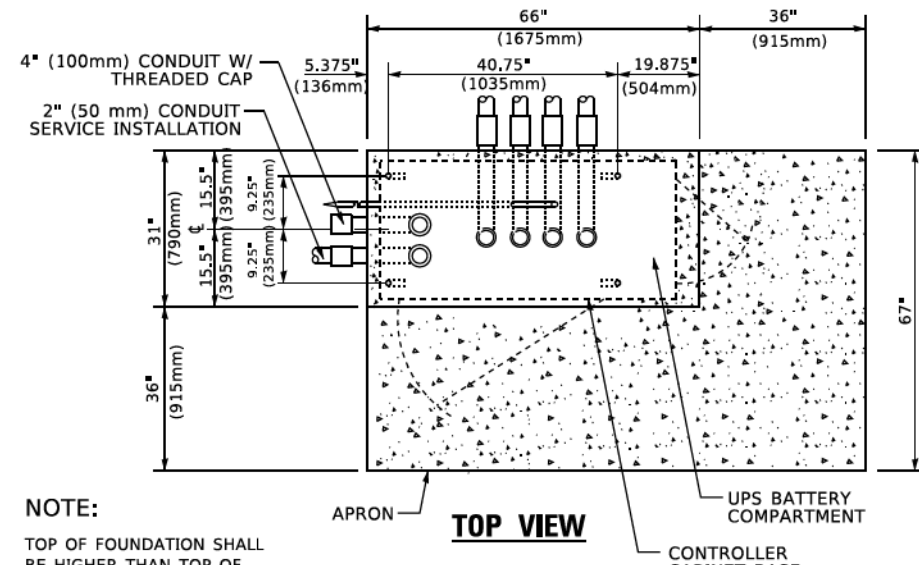


TOP VIEW



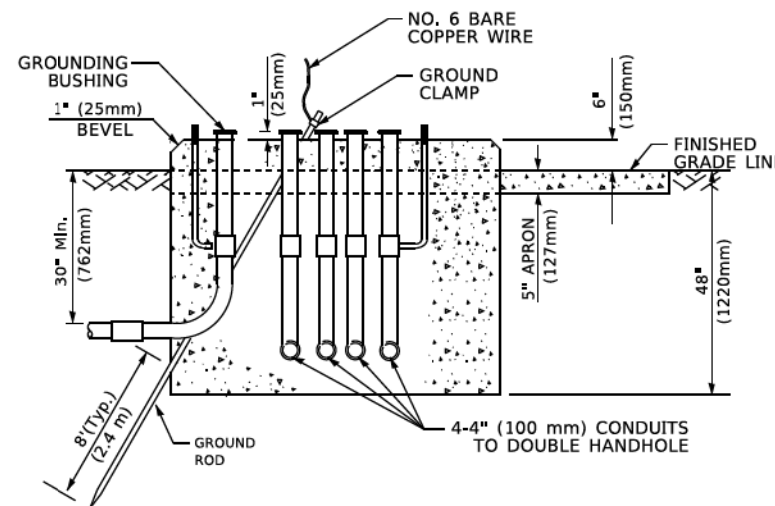
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



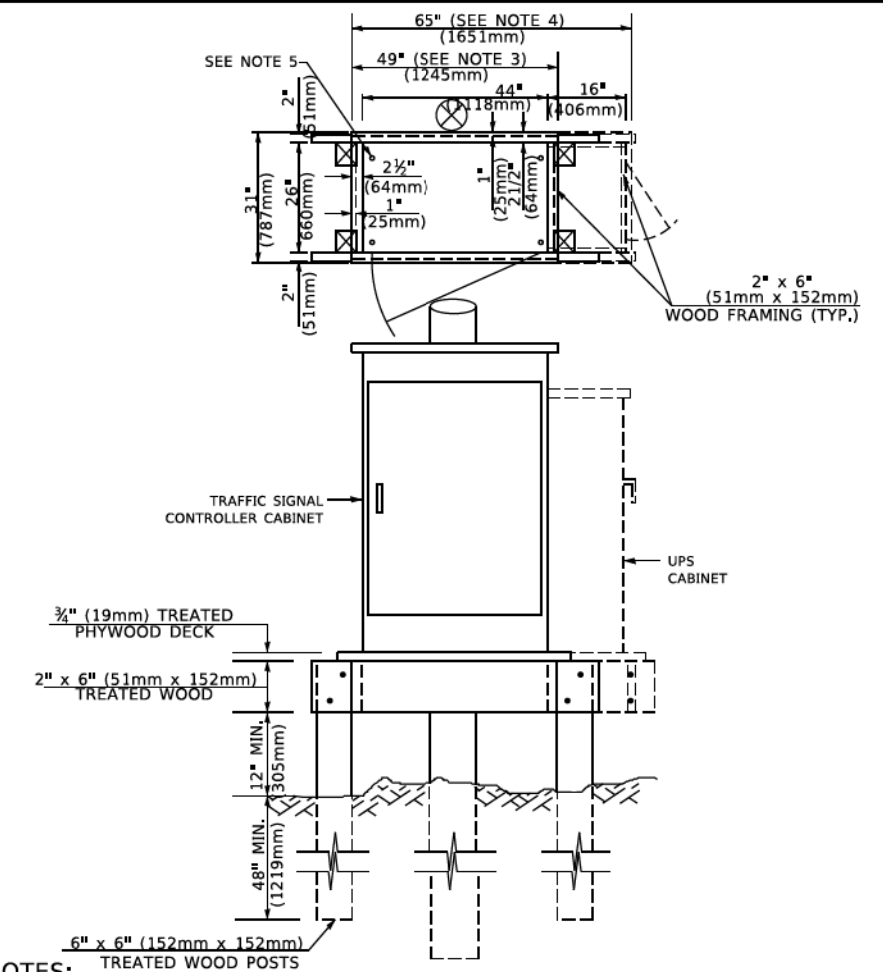
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

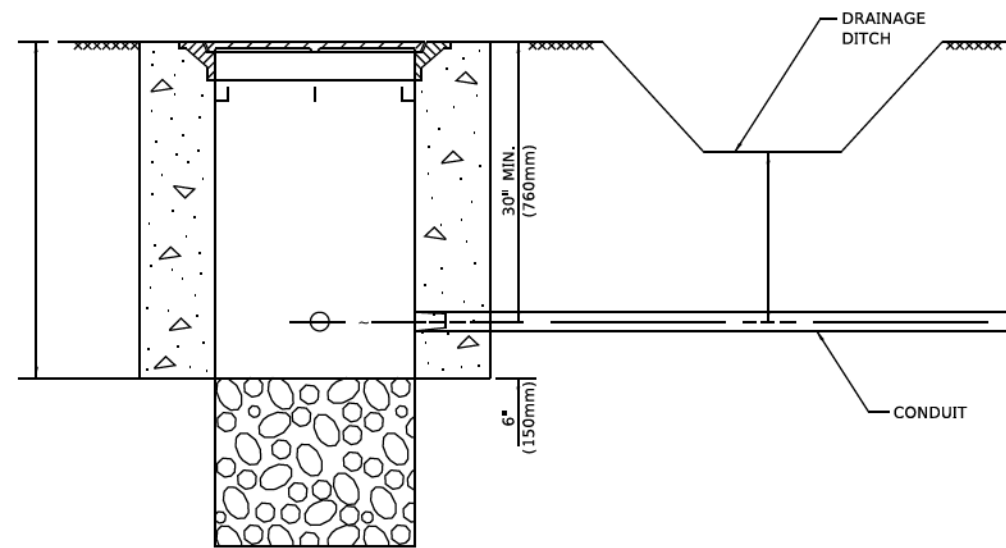
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PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 5 OF 7 SHEETS STA. TO STA.

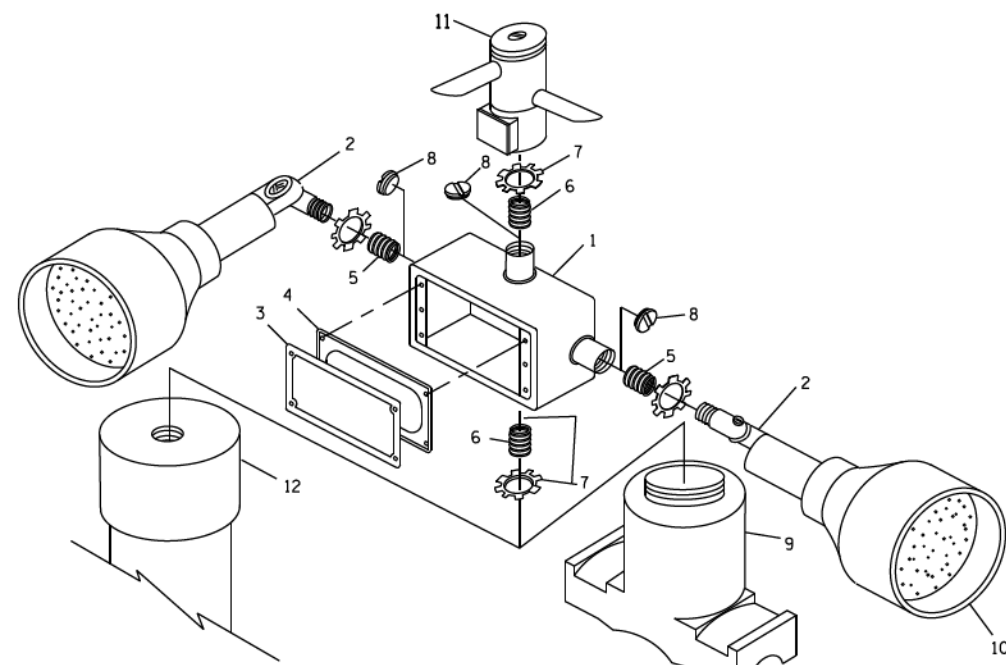
MUN/TR. RTE. 0666/0096	SECTION 18-00132-00-PV	COUNTY COOK/DUPAGE	TOTAL SHEETS 177	SHEET NO. 101
TS-05		CONTRACT NO. 61J09	ILLINOIS FED. AID PROJECT	



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)

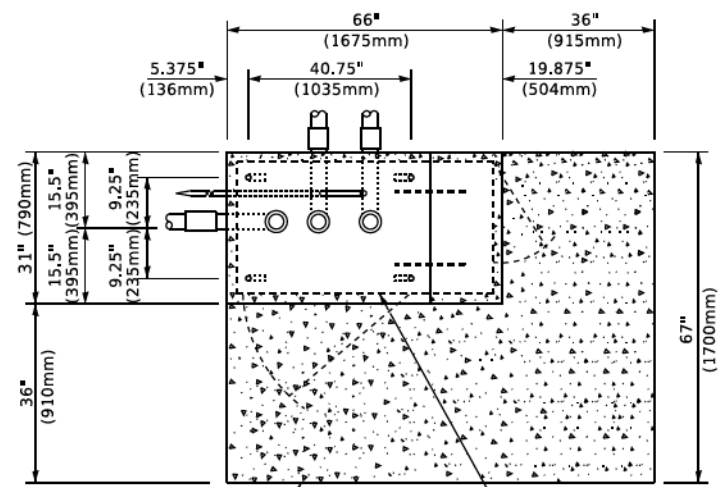


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

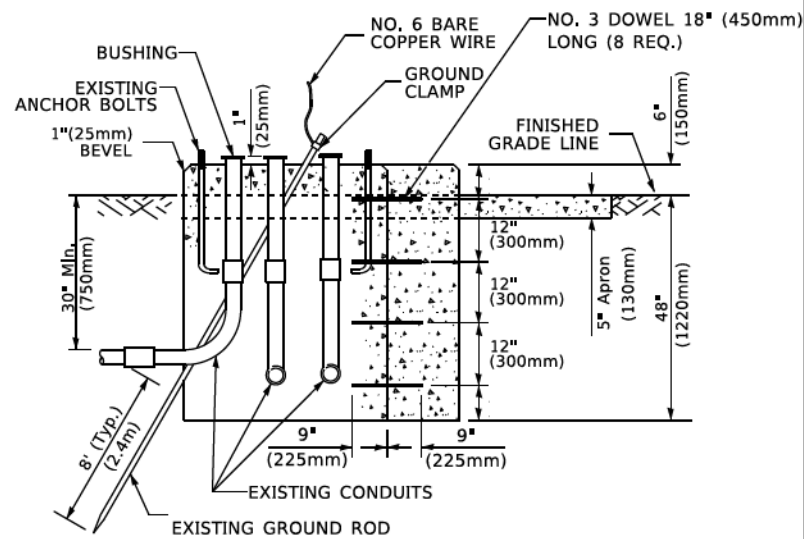
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU. IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5,4 m) POST MIN.]

NOTES:

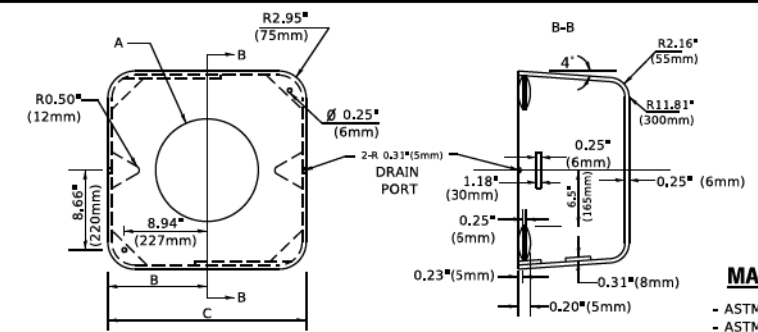
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED, THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



TOP VIEW
(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

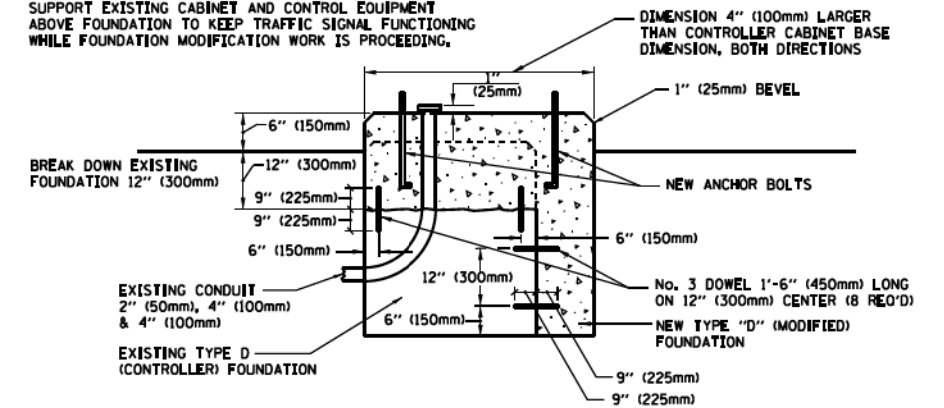
SHROUD

NOTES:

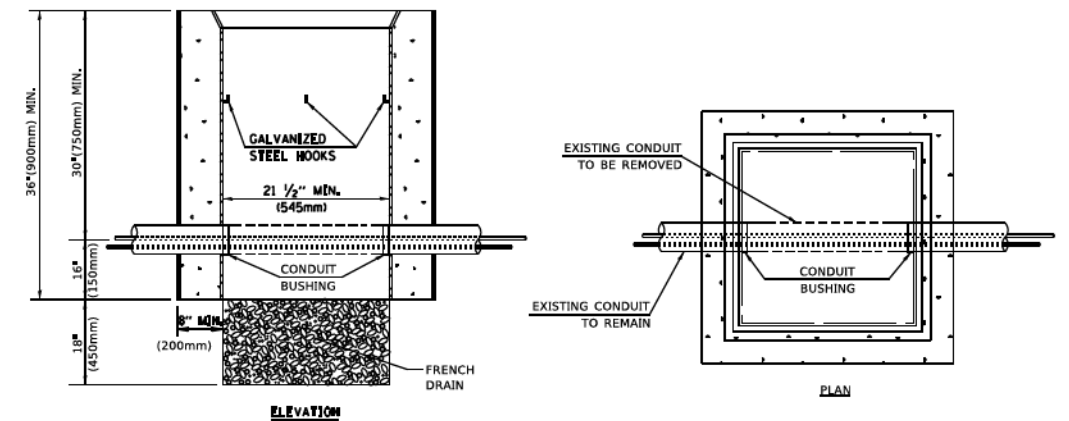
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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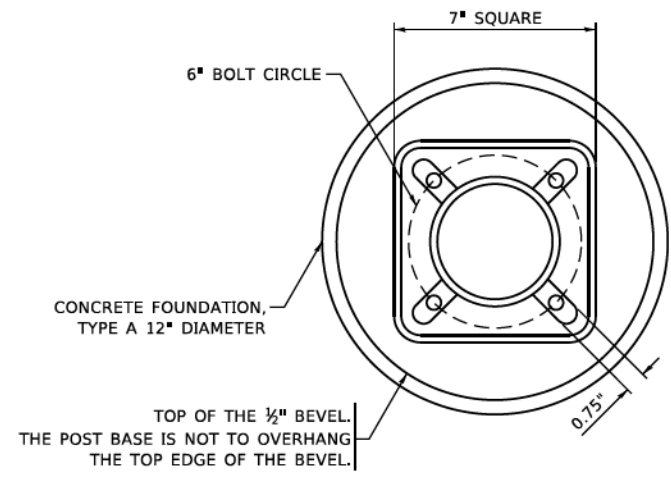
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

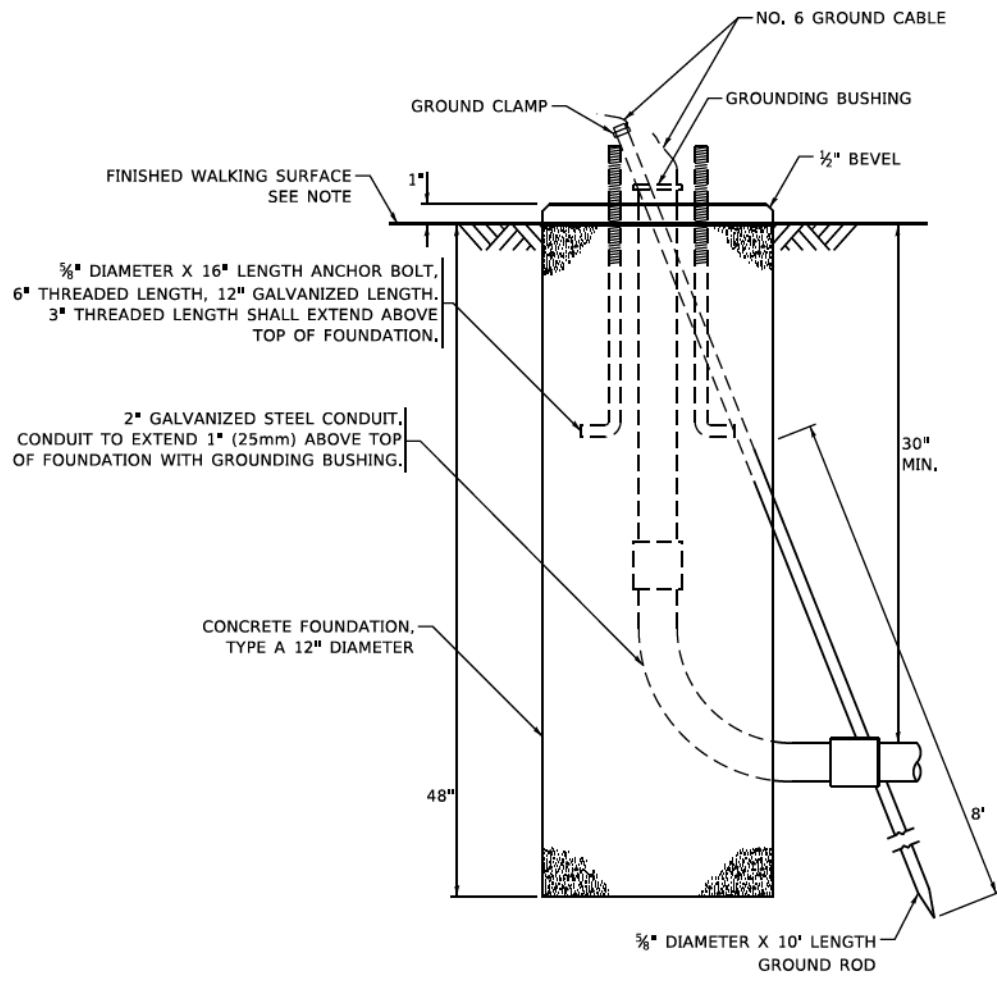
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MUN/TRI RTE. 0666/0096	SECTION 18-00132-00-PV	COUNTY COOK/DUPAGE	TOTAL SHEETS 177	SHEET NO. 102
TS-05		CONTRACT NO. 61J09	ILLINOIS FED. AID PROJECT	

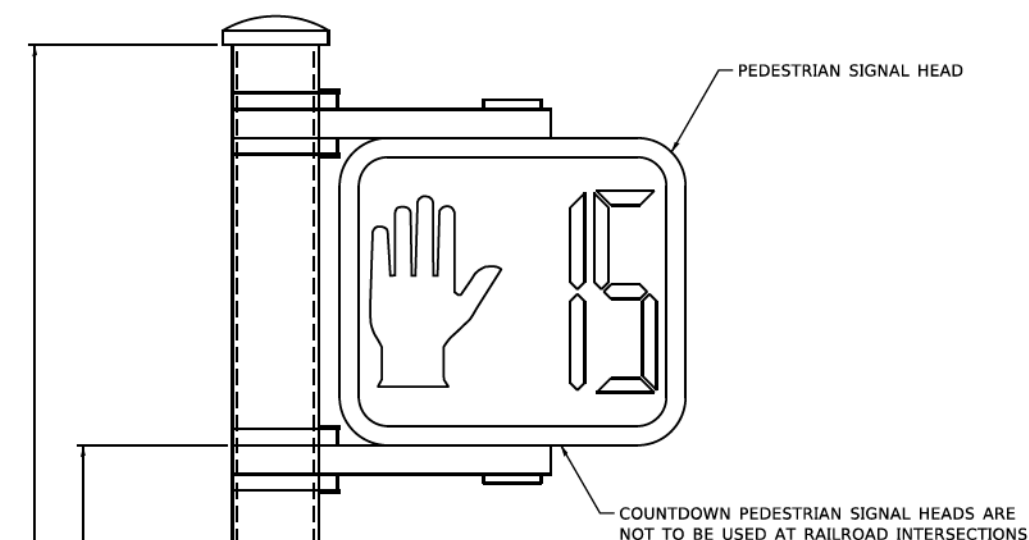


BOLT PATTERN

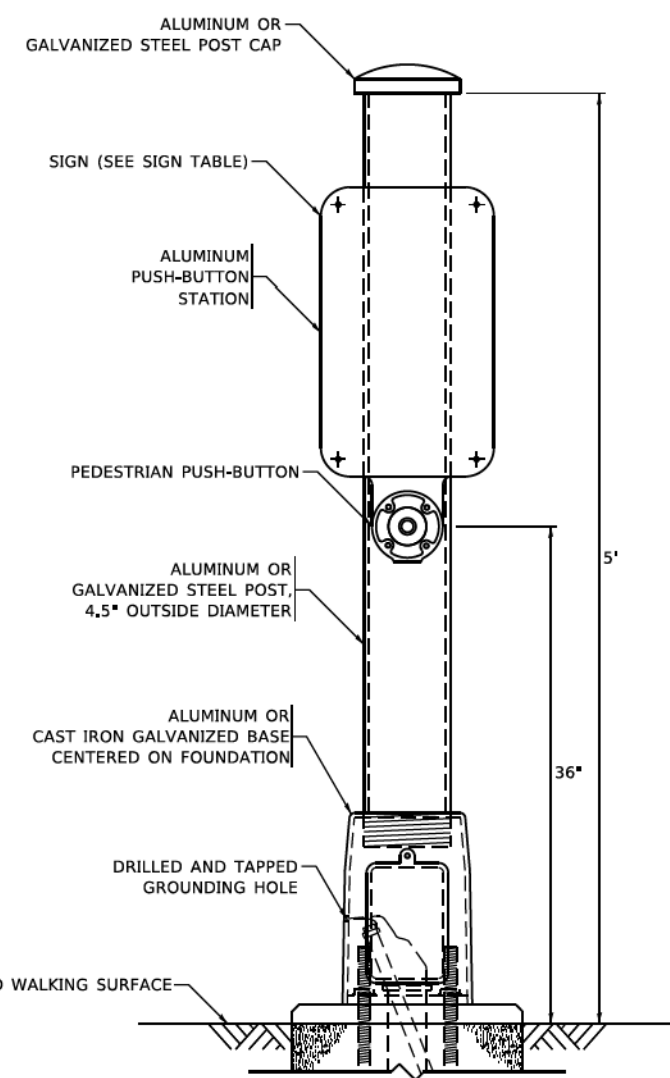
NOTE:
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



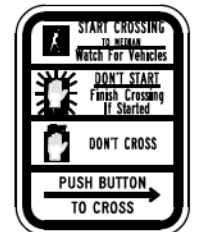
PEDESTRIAN SIGNAL POST, 10 FT.



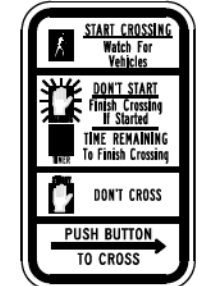
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:
 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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 PROJECT: 18-00132-00-PV

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	DATE - 10-15-2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 7 OF 7 SHEETS
STA.	TO STA.

MUN/TRA RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0090	18-00132-00-PV	COOK/DUPAGE	177	103
TS-05		CONTRACT NO. 61J09		
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	ROAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATION SHOWN	

LEGEND

	EXISTING LIGHTING UNIT 50 WATT LED LUMINAIRE, 30 FT ALUMINUM POLE		PROPOSED LIGHTING UNIT LUMINAIRE, LED, ROADWAY 190 WATT LED LUMINAIRE, 240V LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM
	EXISTING IDOT LIGHTING UNIT		PROPOSED LIGHTING UNIT LUMINAIRE, LED, SPECIAL 40 WATT LED LUMINAIRE, 240V LIGHT POLE, SPECIAL 15 FT M.H. ALUMINUM POLE, 2 FT MAST ARM
	EXISTING LIGHTING UNIT (OTHERS)		PROPOSED LIGHTING UNIT WITH AVIATION OBSTRUCTION WARNING LUMINAIRE LUMINAIRE, LED, SPECIAL 40 WATT LED LUMINAIRE, 240V LIGHT POLE, SPECIAL 15 FT M.H. ALUMINUM POLE, 2 FT MAST ARM AVIATION OBSTRUCTION WARNING LUMINAIRE (6W LED, 120V)
	EXISTING LIGHTING CONTROLLER 120/240 VOLT		TEMPORARY LIGHTING CONTROLLER 120/240 VOLT
	EXISTING LIGHTING CABLES		
	REMOVAL OF EXISTING CABLES		
	EXISTING LIGHTING UNIT TO BE REMOVED		
	PROPOSED UNIT DUCT AS SPECIFIED IN PLANS		
	PROPOSED LIGHTING CONTROLLER 120/240 VOLT, 100 AMP		

	TEMPORARY LIGHTING UNIT TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G 50 FT. WOOD POLE (35 FT. MOUNTING HEIGHT) 15 FT. MAST ARM
	AERIAL CABLES AS SPECIFIED IN PLANS
	TEMPORARY WOOD POLE, 40 FT., CLASS 4

LIGHTING SCHEDULE OF QUANTITIES

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	100
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	330
81603055	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1033
81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2466
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	110
81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	446
82200705	AVIATION OBSTRUCTION WARNING LUMINAIRE, LED	EACH	8
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	4
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	13
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	4
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	14
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	4
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	4
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4
84200804	REMOVAL OF POLE FOUNDATION	EACH	4
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2024
X0327349	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	1
X0327350	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	3
X1400238	LUMINAIRE, LED, SPECIAL	EACH	14
X8040104	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1
X8211007	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	3
X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1
X8300001	LIGHT POLE, SPECIAL	EACH	14
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	12
X8380025	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE (FURNISH ONLY)	EACH	1
X8950075	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	18
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15
XX009551	LUMINAIRE, LED, ROADWAY	EACH	4
XX009559	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM (FURNISH ONLY)	EACH	1
XX009560	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE (FURNISH ONLY)	EACH	3
	LIGHT POLE, SPECIAL (FURNISH ONLY)	EACH	3
	LUMINAIRE, LED, SPECIAL (FURNISH ONLY)	EACH	3
	LUMINAIRE, LED, ROADWAY (FURNISH ONLY)	EACH	1

LIGHTING GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- EXISTING LIGHTING WILL REMAIN OPERATIONAL UNTIL TEMPORARY LIGHTING IS INSTALLED AND OPERATIONAL. TEMPORARY LIGHTING WILL REMAIN OPERATIONAL UNTIL PROPOSED LIGHTING IS INSTALLED, OPERATIONAL, AND COMPLETES SUCCESSFUL TESTING. TRANSITION OF EXISTING TO TEMPORARY TO PROPOSED LIGHTING SYSTEM WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT SAME EVENING.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS FOR ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATIONS HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- LIGHT POLE FOUNDATION TYPE WILL BE METAL UNLESS OTHERWISE SPECIFIED IN THE PLANS. FOUNDATION TYPE IS BASED ON KNOWN UTILITY INFORMATION. OFFSET FOUNDATION LOCATIONS WERE BASED ON ATLAS AND ABOVE GROUND STRUCTURES FOR LOCATION OF UTILITIES. WHERE POSSIBLE, OFFSET FOUNDATIONS SHOULD BE REPLACED WITH METAL FOUNDATIONS. FOUNDATION TYPE SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. CONTRACTOR WILL BE PAID FOR THE FOUNDATION TYPE INSTALLED WITH NO ADDITIONAL COMPENSATION FOR CHANGE FROM CONTRACT PLAN.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- FOR ALL CONCRETE FOUNDATIONS, A MINIMUM OF 2 SLEEVES SHALL BE PROVIDED REGARDLESS OF WHAT IS BEING INSTALLED. THE SLEEVES SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS, OTHER UTILITIES, AND LANDSCAPING. PREFERRED LOCATION OF UNIT DUCT IS 12 INCHES OFF PROPOSED BACK OF CURB AND IN NO CASE SHALL IT BE CLOSER THEN 12 INCHES. PLACEMENT OF UNIT DUCT GREATER THAN 12 INCHES FROM THE BACK OF CURB SHALL BE APPROVED BY THE ENGINEER.
- WHEN SPLICING TO EXISTING POLE, ANY AND ALL WORK REQUIRED TO RUN THE PROPOSED UNIT DUCT INTO EXISTING FOUNDATION SLEEVE AND SPLICING IN EXISTING POLE SHALL BE COVERED AND INCLUDED IN THE PAY ITEM FOR THE UNIT DUCT.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
- THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.
- NO UNDERGROUND SPLICING ALLOWED.
- ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
- OFFSET CALL-OFFS FOR TEMPORARY LIGHT POLES ARE FROM THE CENTER OF POLES TO PROPOSED CONSTRUCTION BASELINE. OFFSETS CALL-OFFS FOR PROPOSED LIGHT POLES ARE FROM THE CENTER OF POLES TO PROPOSED EDGE OF PAVEMENT (E.O.P.)

MODEL: SH06LNAME5
FILE NAME: ...33272-sh-lighting00.dgn



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DATE -	2/28/2023	REVISED -	

VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE

LIGHTING LEGEND, GENERAL NOTES, AND BILL OF MATERIAL

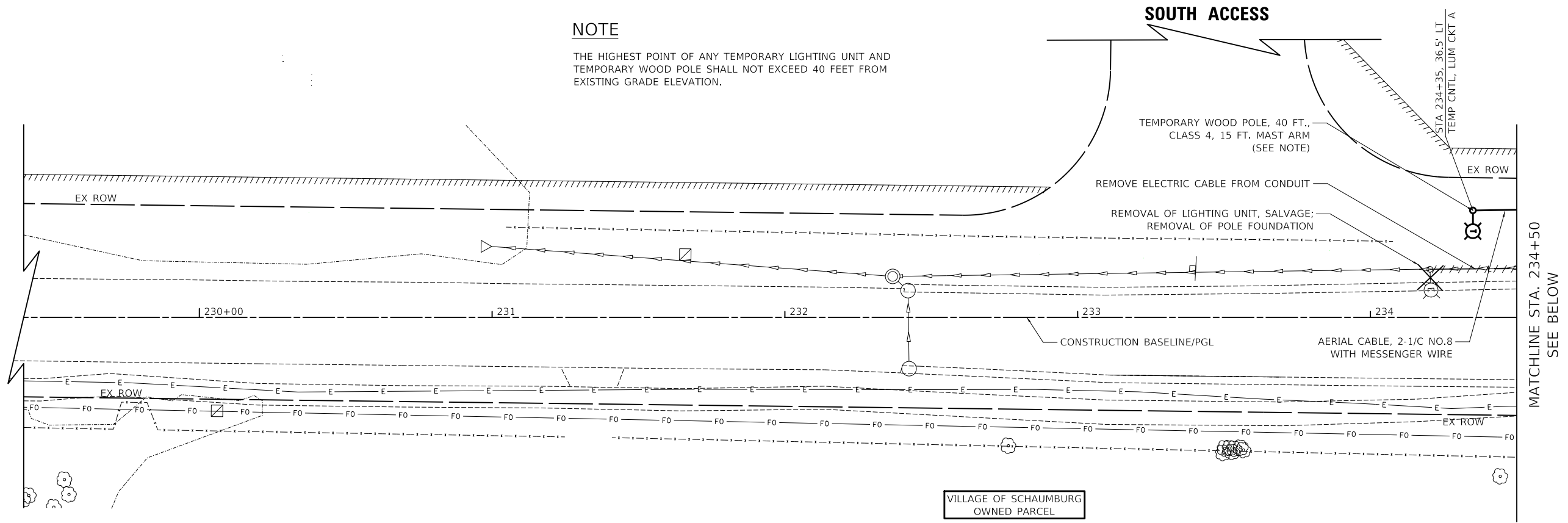
N.T.S SHEET 1 OF 1 SHEETS STA. TO STA.

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	104
ILLINOIS			CONTRACT NO. 61J09	

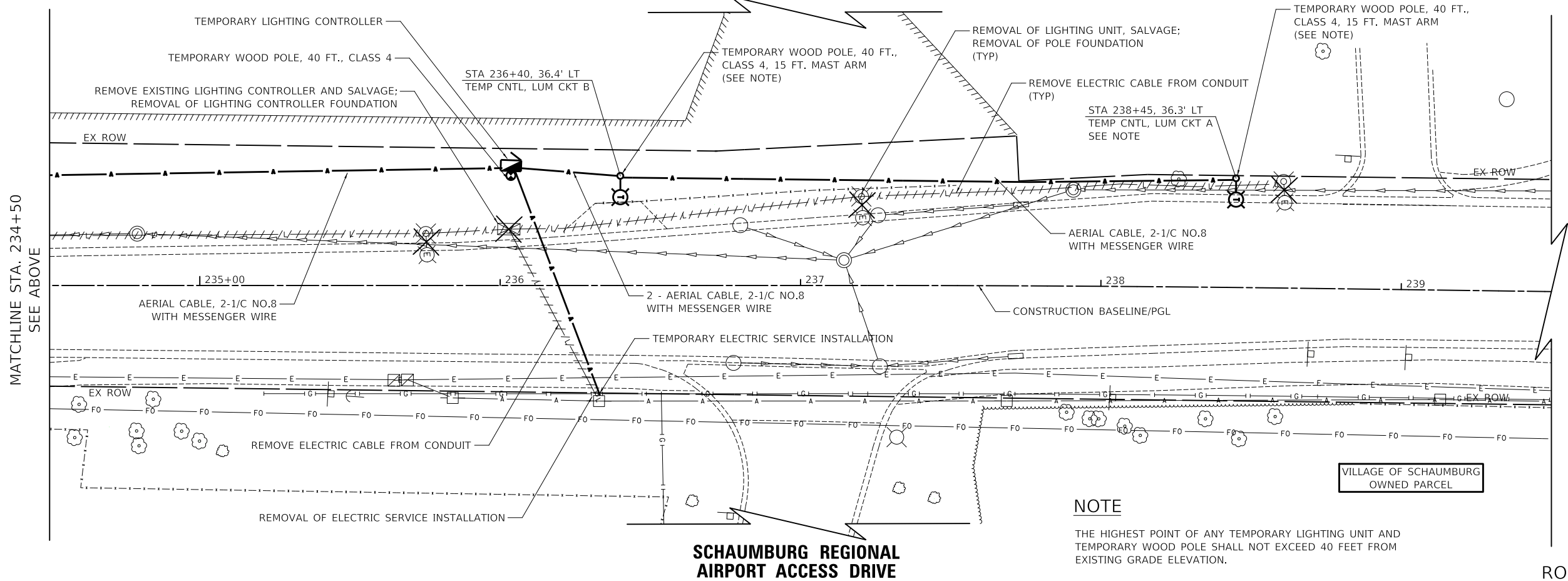
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	AS BUILT FILE NAME	
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NOTE

THE HIGHEST POINT OF ANY TEMPORARY LIGHTING UNIT AND TEMPORARY WOOD POLE SHALL NOT EXCEED 40 FEET FROM EXISTING GRADE ELEVATION.



NORTH ACCESS



SCHAUMBURG REGIONAL AIRPORT ACCESS DRIVE

NOTE

THE HIGHEST POINT OF ANY TEMPORARY LIGHTING UNIT AND TEMPORARY WOOD POLE SHALL NOT EXCEED 40 FEET FROM EXISTING GRADE ELEVATION.

RODENBURG ROAD

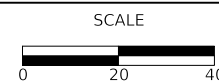
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FILE NAME: ...13272-sh-lighting01.dgn



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**VILLAGE OF SCHAUMBURG /
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REMOVAL LIGHTING PLAN

SHEET 1 OF 1 SHEETS STA. 229+40.00 TO STA. 239+50.00

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	105
			CONTRACT NO. 61109	
ILLINOIS				

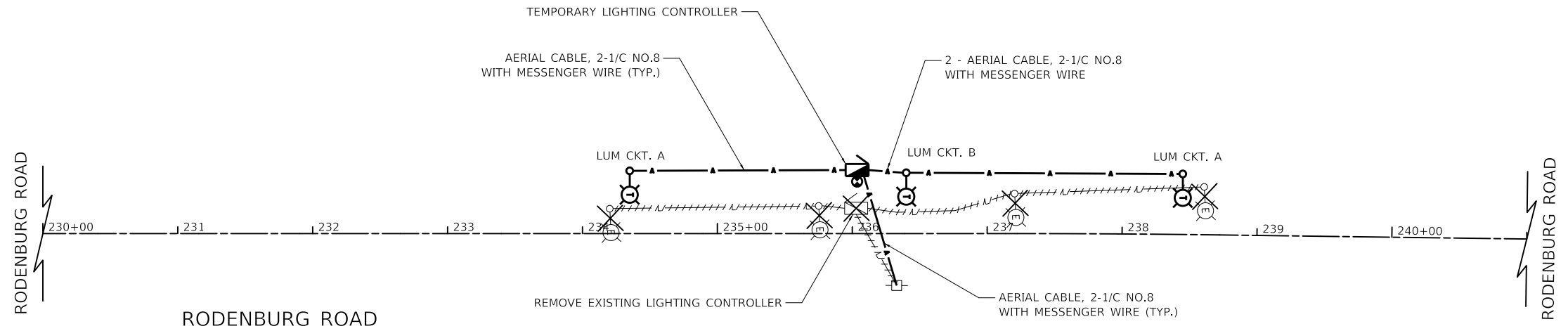
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	PLOTTED	
	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHWD	
	NO.	
	BY	

MODEL: SMODEL\MAMES
FILE NAME: ...3572-sh-lighting02.dgn

LEGEND

- EXISTING LIGHTING CONTROLLER
120/240 VOLT
- REMOVAL OF EXISTING CABLES
- EXISTING LIGHTING UNIT TO BE REMOVED
- TEMPORARY LIGHTING UNIT
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G
50 FT. WOOD POLE (35 FT. MOUNTING HEIGHT)
15 FT. MAST ARM
- AERIAL CABLES
AS SPECIFIED IN PLANS
- TEMPORARY WOOD POLE, 40 FT., CLASS 4
- TEMPORARY LIGHTING CONTROLLER
120/240 VOLT



NOTE

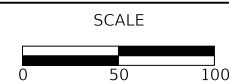
THE HIGHEST POINT OF ANY TEMPORARY LIGHTING UNIT AND TEMPORARY WOOD POLE SHALL NOT EXCEED 40 FEET FROM EXISTING GRADE ELEVATION.



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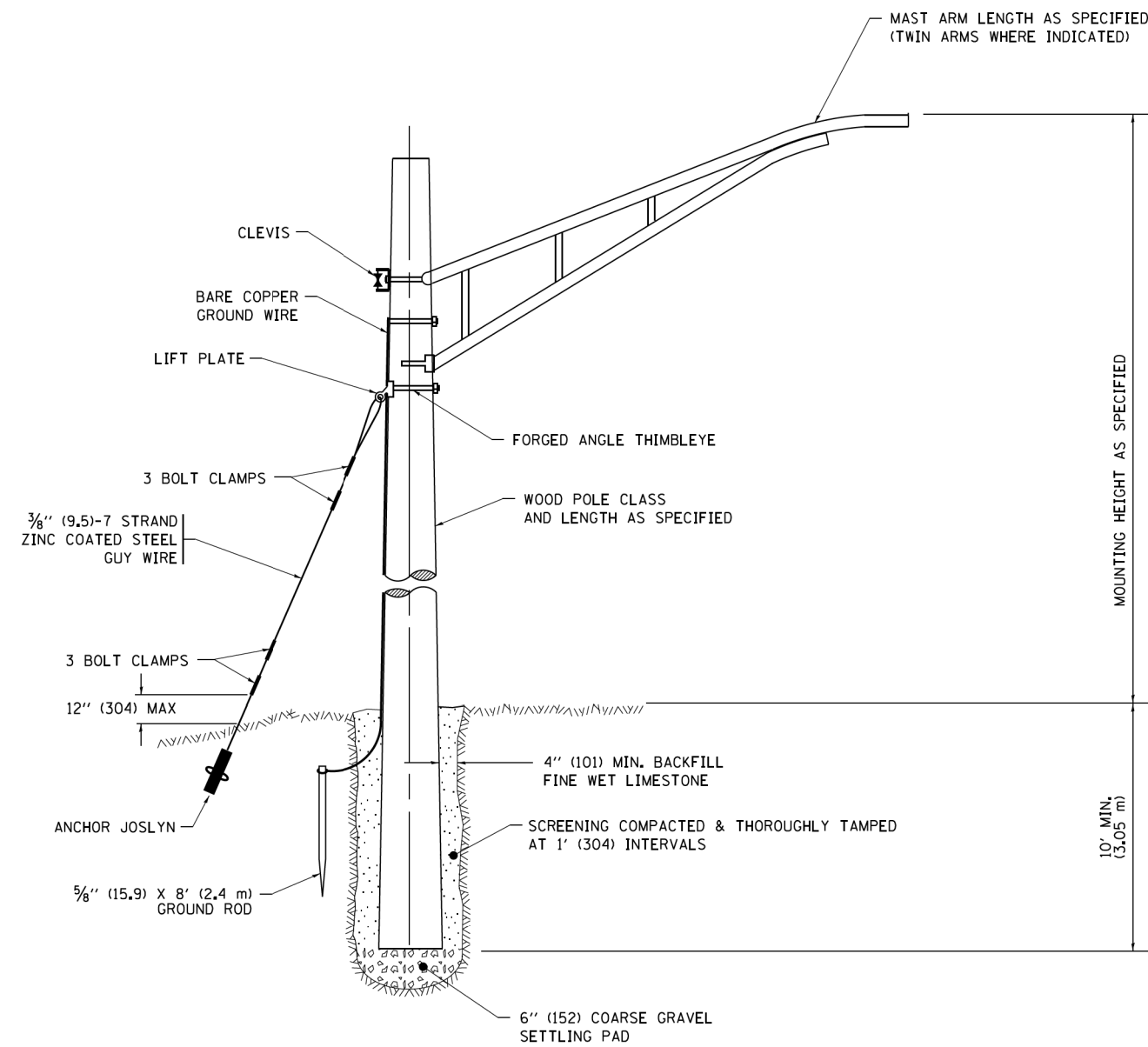
**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**



TEMPORARY WIRING DIAGRAM

SHEET 1 OF 1 SHEETS STA. TO STA.

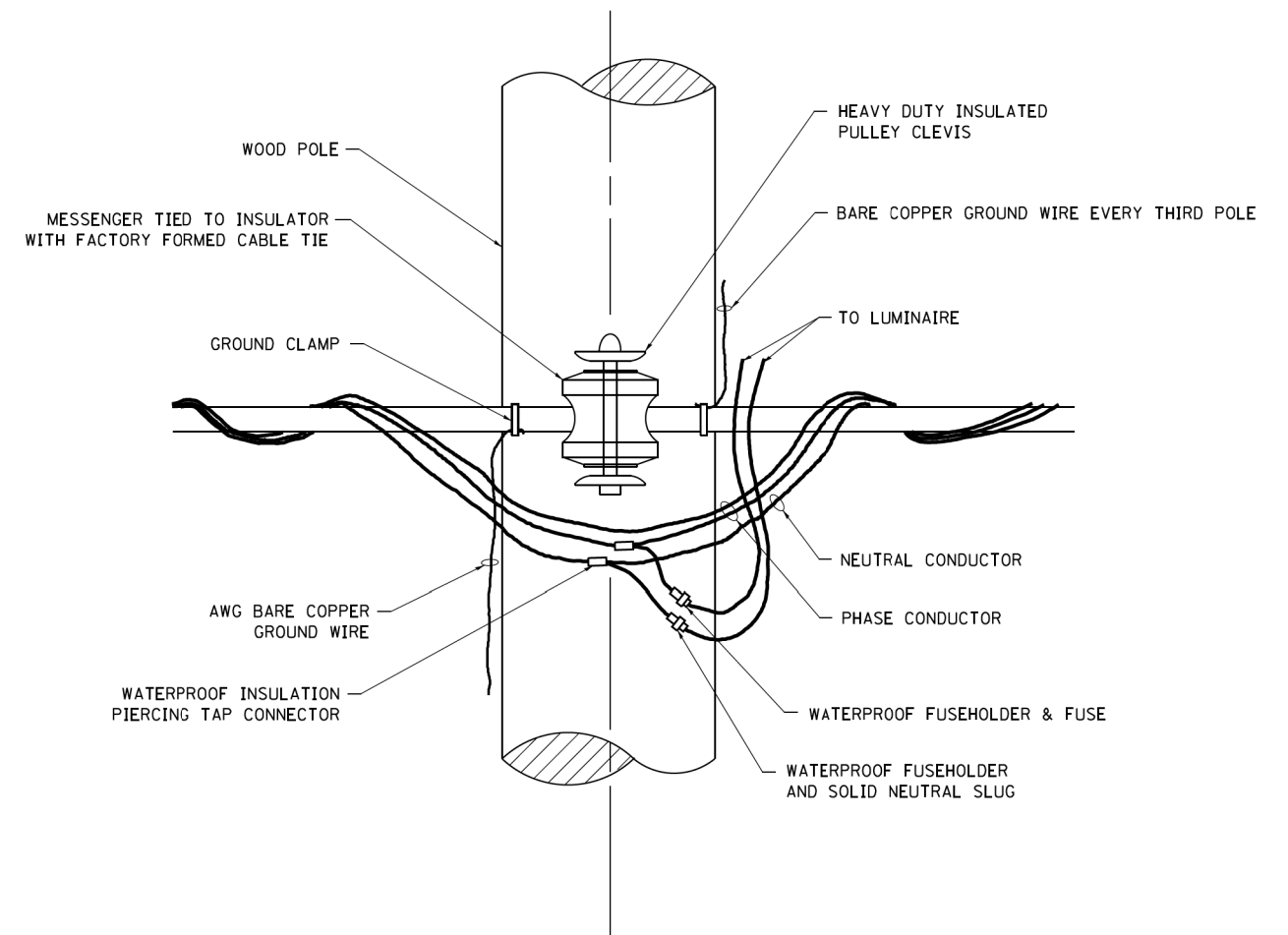
MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	106
ILLINOIS			CONTRACT NO. 61J09	



TEMPORARY LIGHT POLE DETAIL

NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.



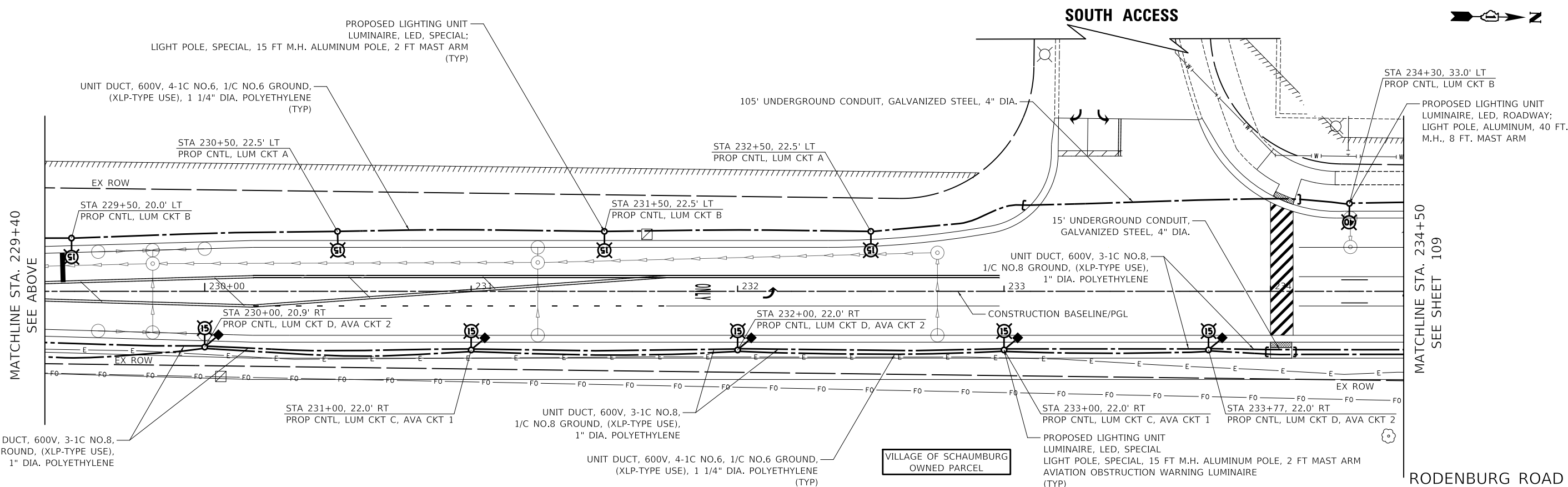
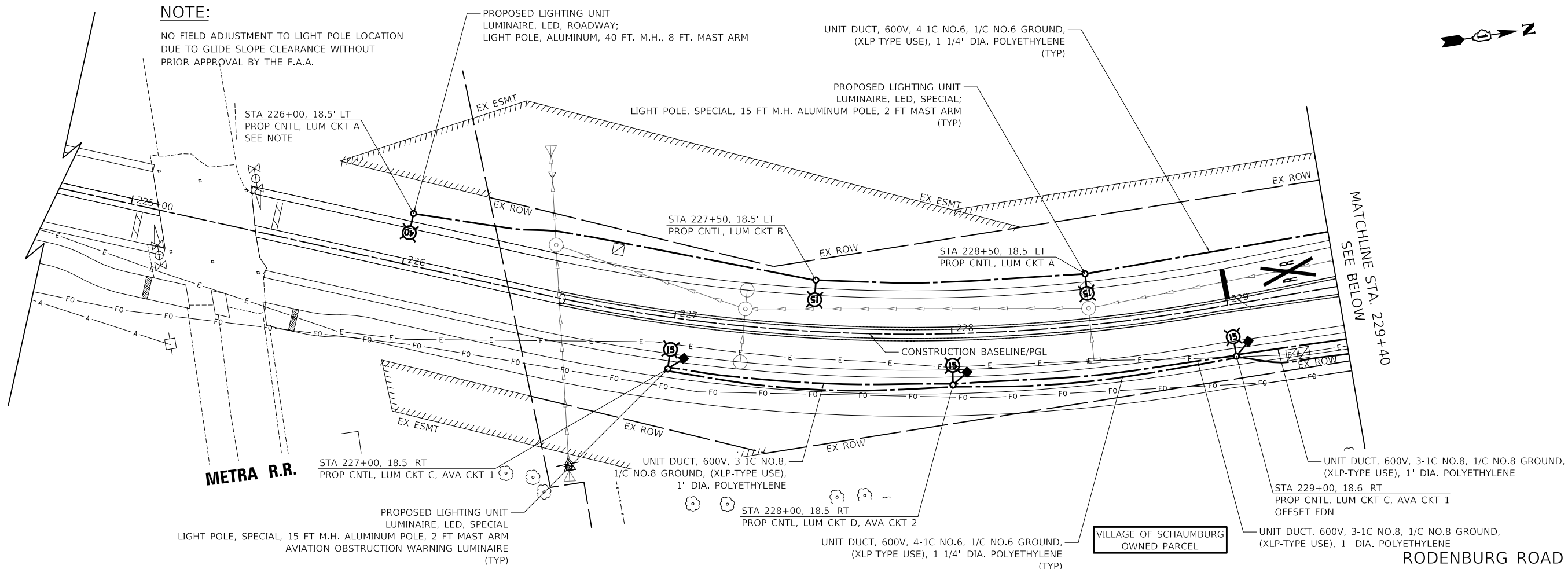
TEMPORARY LIGHT POLE ATTACHMENT DETAIL

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHT POLE DETAILS			MUN/TR	SECTION	COUNTY	TOTAL	SHEET
pw\1\1084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\1084EBID\CADD\Drawings\CADsheets\be800.dgn		DRAWN	REVISED - R.T. 07-26-16		0666/0092	18-00132-00-PV	COOK / DUPAGE	177	107			
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISED -		BE-800		CONTRACT NO. 61109					
	PLOT DATE = 9/1/2016	DATE -	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	DATE
	BY	
	NOTED	
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	FILE NAME	
	NO.	

NOTE:

NO FIELD ADJUSTMENT TO LIGHT POLE LOCATION DUE TO GLIDE SLOPE CLEARANCE WITHOUT PRIOR APPROVAL BY THE F.A.A.

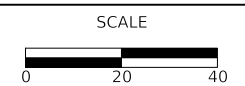


MODEL: SPODELMAMES
FILE NAME: ...33272-sh-lighting03.dgn

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DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**



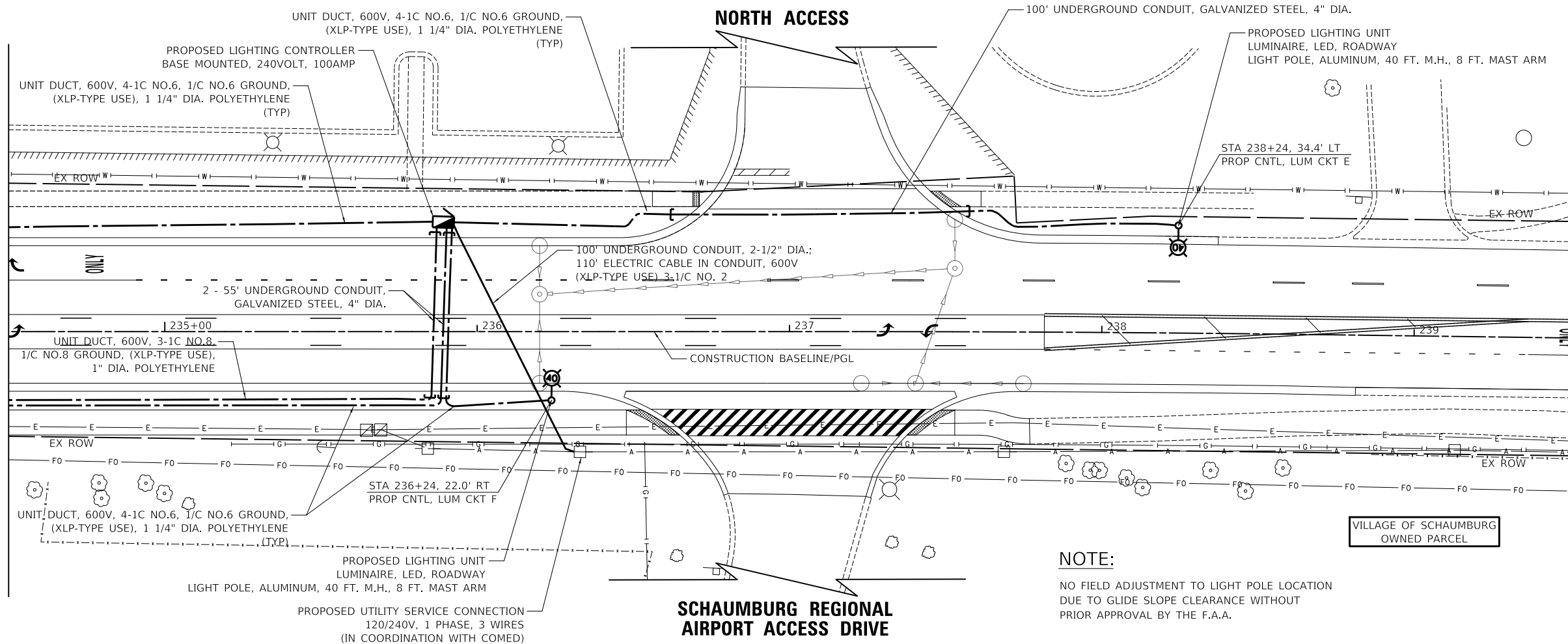
PROPOSED LIGHTING PLAN

SHEET 1 OF 2 SHEETS STA. 200+88.90 TO STA. 226+00.00

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	108
			CONTRACT NO. 61109	
ILLINOIS				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

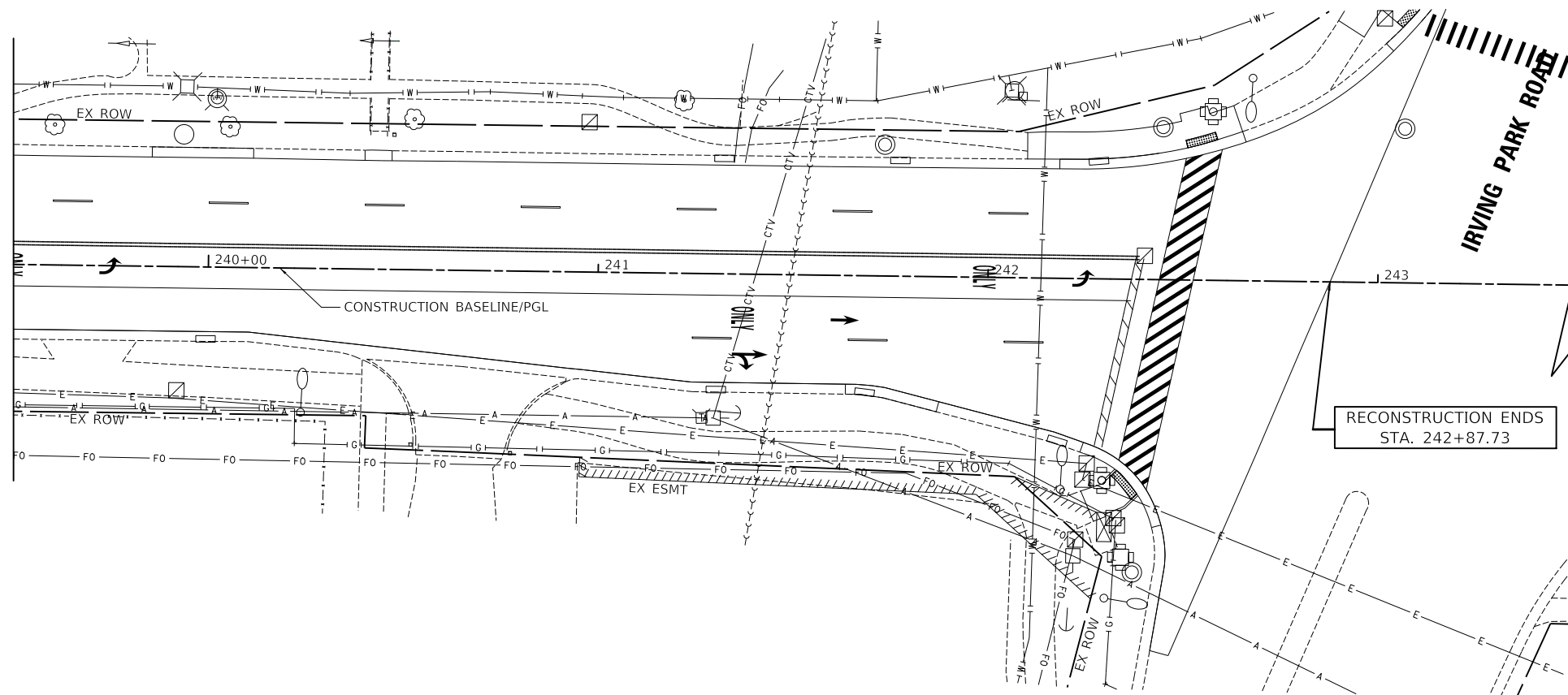
MATCHLINE STA. 234+50
SEE SHEET 108



MATCHLINE STA. 239+50
SEE BELOW

NOTE:
NO FIELD ADJUSTMENT TO LIGHT POLE LOCATION
DUE TO GLIDE SLOPE CLEARANCE WITHOUT
PRIOR APPROVAL BY THE F.A.A.

MATCHLINE STA. 239+50
SEE ABOVE



RECONSTRUCTION ENDS
STA. 242+87.73

MODEL: SMODELNAMEN
FILE NAME: ...13272-sh-lighting03.dgn



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VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE








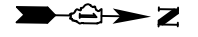
PROPOSED LIGHTING PLAN

SHEET 2 OF 2 SHEETS STA. 226+00.00 TO STA. 242+87.73

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	109
ILLINOIS			CONTRACT NO. 61109	

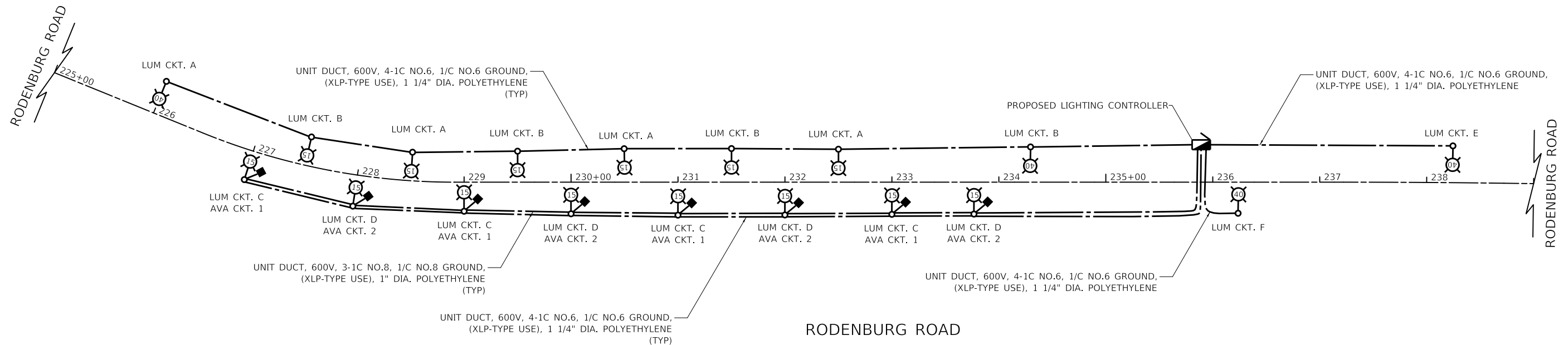
LEGEND

-  PROPOSED UNIT DUCT
AS SPECIFIED IN PLANS
-  PROPOSED LIGHTING CONTROLLER
120/240 VOLT, 100 AMP
-  PROPOSED LIGHTING UNIT
LUMINAIRE, LED, ROADWAY
190 WATT LED LUMINAIRE, 240V
LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM
-  PROPOSED LIGHTING UNIT
LUMINAIRE, LED, SPECIAL
40 WATT LED LUMINAIRE, 240V
LIGHT POLE, SPECIAL
15 FT M.H. ALUMINUM POLE, 2 FT MAST ARM
-  PROPOSED LIGHTING UNIT WITH AVIATION OBSTRUCTION WARNING LUMINAIRE
LUMINAIRE, LED, SPECIAL
40 WATT LED LUMINAIRE, 240V
LIGHT POLE, SPECIAL
15 FT M.H. ALUMINUM POLE, 2 FT MAST ARM
AVIATION OBSTRUCTION WARNING LUMINAIRE
(6W LED, 120V)



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	



BLACK CABLE	QTY	TOTAL AMPS	KW LOAD @ 120V	RED CABLE	QTY	TOTAL AMPS	KW LOAD @ 120V
A	4	1.55	0.19	A	4	1.55	0.19
B	4	1.55	0.19	B	4	1.55	0.19
C	4	0.80	0.10	C	4	0.80	0.10
D	4	0.80	0.10	D	4	0.80	0.10
E	1	0.95	0.11	E	1	0.95	0.11
F	1	0.95	0.11	F	1	0.95	0.11
1	4	0.20	0.02	2	4	0.20	0.02
TOTAL	6.8	0.82		TOTAL	6.8	0.82	

LUMINAIRE, LED, SPECIAL - 40 WATT (240V) = 0.20 AMP
 LUMINAIRE, LED, ROADWAY - 190 WATT LED (240V) = 0.95 AMP
 AVIATION OBSTRUCTION WARNING LUMINAIRE, LED - 6 WATT (120V) = 0.05 AMP

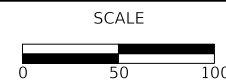
MODEL: SMODEL\MAMES FILE NAME: ...13272-sh-lighting04.dgn



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**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**



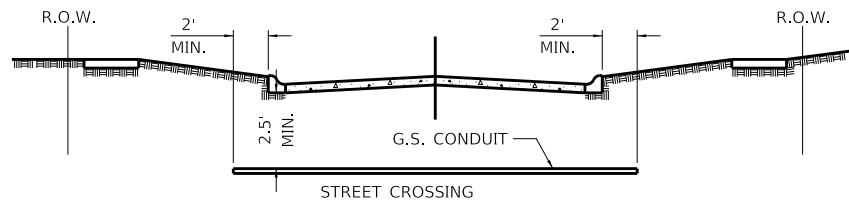
PROPOSED WIRING DIAGRAM

SHEET 1 OF 1 SHEETS STA. TO STA.

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	110
ILLINOIS			CONTRACT NO. 61J09	

DATE	
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ALIGNMENT CHECKED	
CONTRACT FILE NAME	
PLAN	
NOTE BOOK	
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GRADES CHECKED	
STRUCTURE NOTATION SHOWN	
PROFILE	
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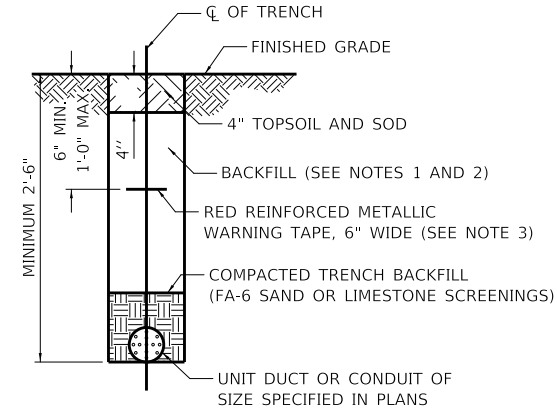


- ① CONDUIT SHALL BE HEAVY WALL RIGID G.S. CONDUIT.
- ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF CURB.
- ④ LOCATION OF CONDUIT CROSSING SHALL BE MARK ON CURBS WITH ARROWS.

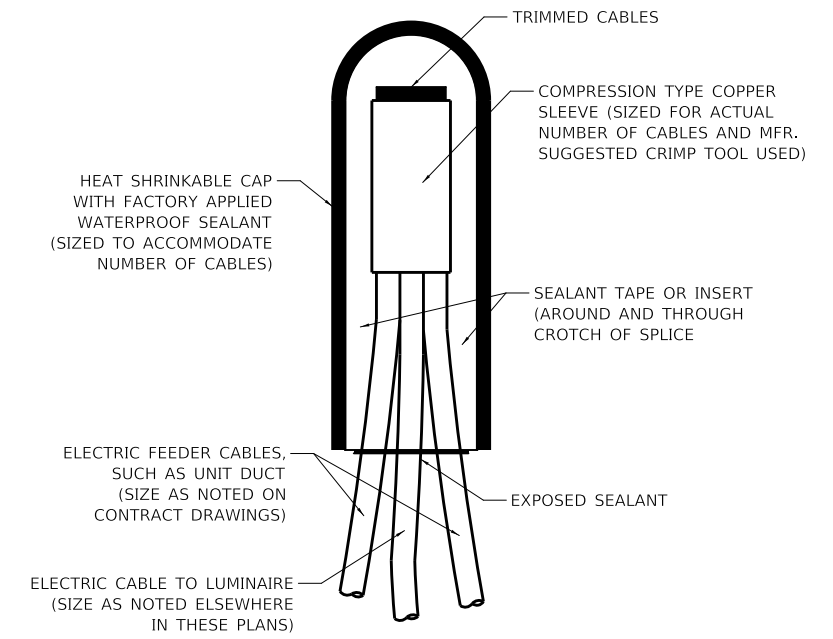
ELECTRICAL CONDUIT UNDER PAVEMENT

NOTES:

1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.
5. MINIMUM UNIT DUCT AND CONDUIT DEPTH IS 30". NOTIFY RESIDENT ENGINEER AND VILLAGE ENGINEER WITH CONFLICTS.

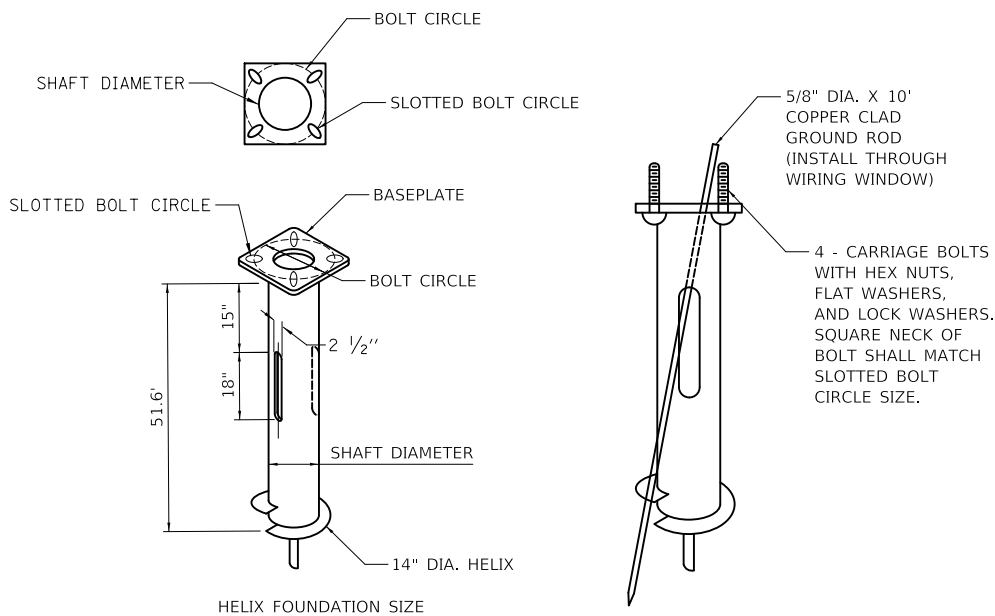


TYPICAL TRENCH CROSS SECTION



NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS



NOTES FOR METAL FOUNDATION

1. METAL FOUNDATION SHALL BE THE FOUNDATION USED FOR ALL LIGHTING AND DECORATIVE LIGHTING UNITS UNLESS CONDITIONS IN THE FIELD MAKES IT IMPOSSIBLE TO USE METAL FOUNDATIONS, THEN AN OFFSET FOUNDATION SHALL BE USED WITH ENGINEER APPROVAL.
2. ALL MATERIAL SHALL BE GALVANIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. FABRICATE TWO SLOTS IN THE SHAFT AT 180 DEGREE FOR UNIT DUCTS AND CABLES ENTERING AND LEAVING THE POLE FOUNDATION.
5. BASEPLATES NEED TO BE MARKED PROPERLY WHERE RACEWAY OPENINGS ARE LOCATED. FOUNDATION WILL BE REJECTED IF TOP PLATE IS NOT OR IMPROPERLY MARKED.
6. HELIX FOUNDATION SHALL BE INSTALLED VERTICAL AND THE BASEPLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
7. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
8. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASEPLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
9. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
10. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
11. GROUND ROD, 5/8" DIA. X 10', THROUGH FOUNDATION WILL BE REQUIRED AND INCLUDED ON ALL LIGHT POLE FOUNDATIONS INCLUDING METAL FOUNDATIONS.

11. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB. METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
12. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
13. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
14. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.
15. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:

BASE PLATE:	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT:	ASTM A 252 - (LATEST REVISION) GRADE 2, (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW:	AASHTO M 183 (ASTM A 635) (LATEST REVISION)
PILOT POINT:	AASHTO M 270 (ASTM A 575) (LATEST REVISION)
ANCHOR RODS/STUDS:	AASHTO M 314 (ASTM F 1554) (LATEST REVISION)
HEXAGON NUTS:	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H (LATEST REVISION)
WASHERS:	AASHTO M 293 (ASTM F 436) (LATEST REVISION)

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
≤ 30 FT.	11 1/2"	8 3/8"	6 FT.	12" X 12" X 1"
31 FT. - 35 FT.	11 1/2"	8 3/8"	6 FT.	12" X 12" X 1"
36 FT. - 40 FT.	15"	8 3/8"	6 FT.*	15" X 15" X 1 1/4"
41 FT. - 45 FT.	15"	8 3/8"	6 FT.	15" X 15" X 1 1/4"
46 FT. - 50 FT.	15"	10"	8 FT.	15" X 15" X 1 1/4"

* FOR TWIN LUMINAIRES THE SHAFT LENGTH WILL BE 8 FT.

POLE FOUNDATION METAL

HELIX MUST BE FORMED BY MATCHING METAL DIE (SIDE VIEW OF TRUE HELICAL FORM)

MODEL: SHODELNAME5
FILE NAME: ...13272-sh-lighting05.dgn

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DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

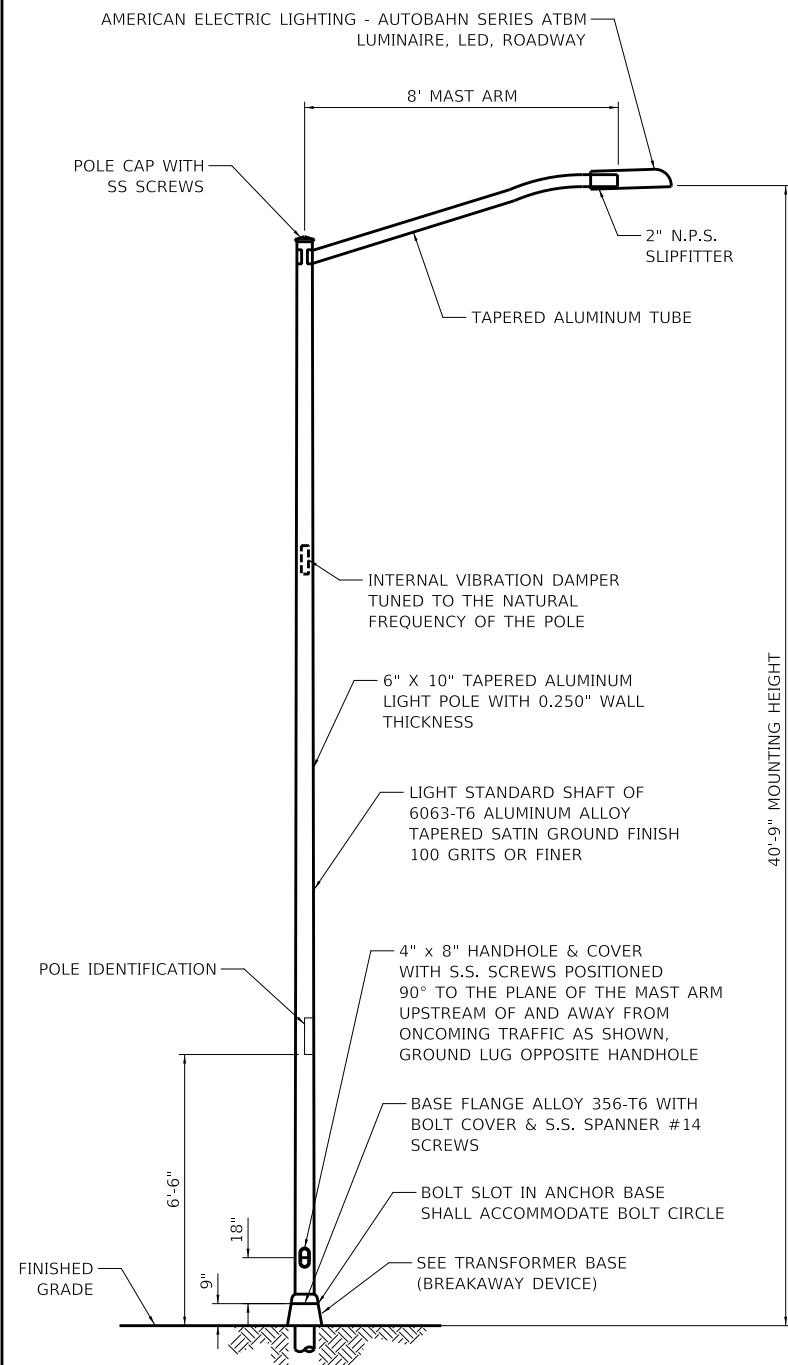
LIGHTING DETAILS

N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	111
			CONTRACT NO. 61109	
ILLINOIS				

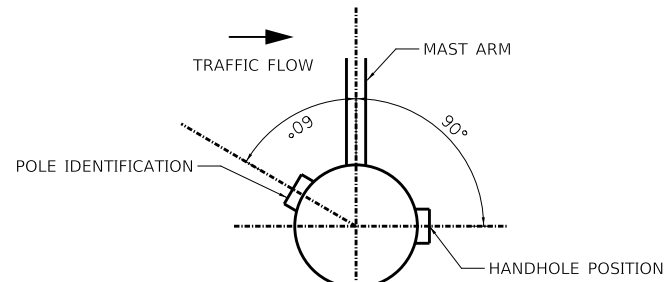
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PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
FILE NAME	

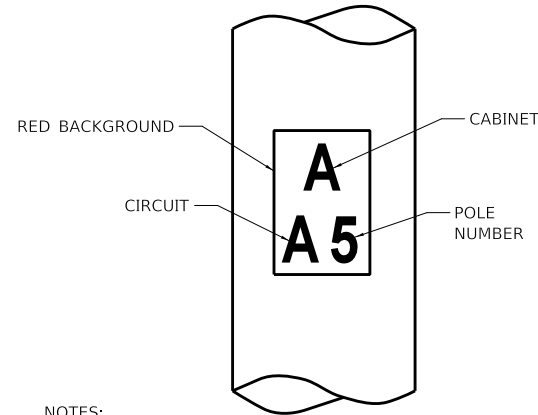


- NOTES:
- HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
 - DESIGN AND FABRICATION OF THE POLE SHAFT, ARMS, TENONS, AND ATTACHMENTS SHALL BE ACCORDING TO AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED.
 - POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
 - A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECK SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

LIGHTING UNIT
(NOT TO SCALE)



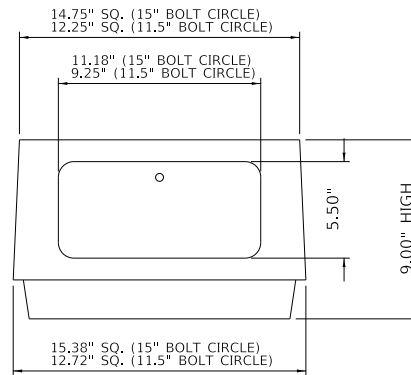
POSITION OF HANDHOLE AND POLE IDENTIFICATION



NOTES:

- 2" HIGH WHITE LETTERS SCREENED ON A 4" X 6" RED, PRESSURE SENSITIVE AND REFLECTIVE BACKGROUND. INSTALL ONLY WHEN AIR TEMPERATURE IS AT LEAST FIFTY DEGREES FAHRENHEIT.
- THE CONTRACTOR SHALL COORDINATE LIGHT POLE AND CONTROLLER IDENTIFICATION NUMBERS WITH THE VILLAGE PRIOR TO CONSTRUCTION.

POLE IDENTIFICATION

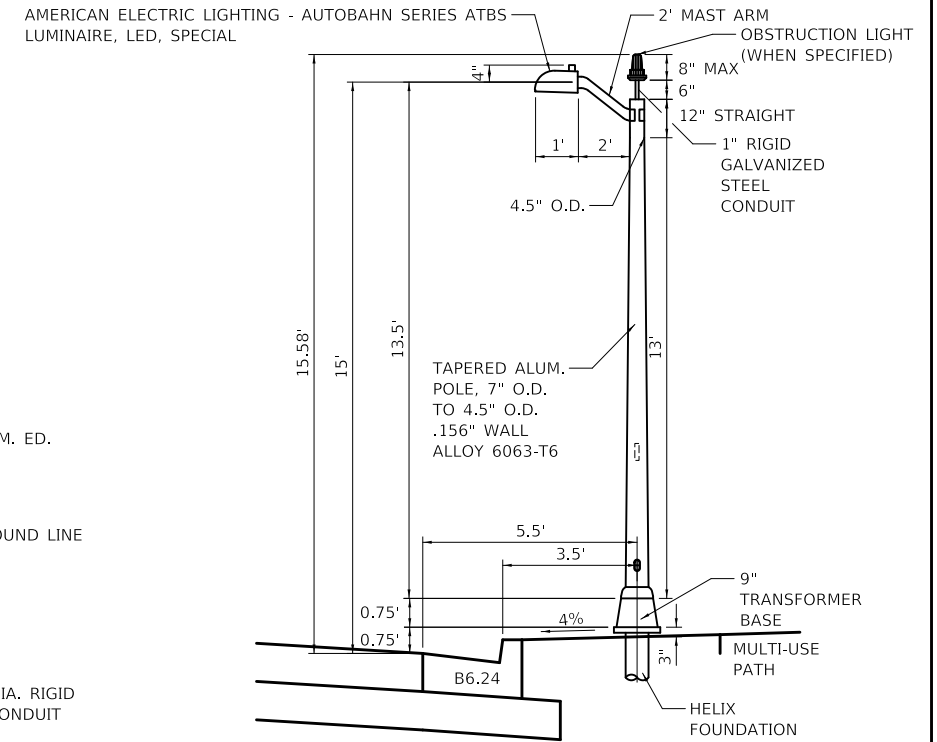


NOTES:

- HARDWARE: CARRIAGE BOLTS SHALL BE USED WITH FLAT WASHER, LOCK WASHER, AND NUTS. NO THREADED ROD ALLOWED.
- GROUNDING: AREA WHERE THE GROUND WIRE ATTACHES TO TRANSFORMER BASE MUST BE SCRATCHED TO ENSURE EFFECTIVE BONDING.

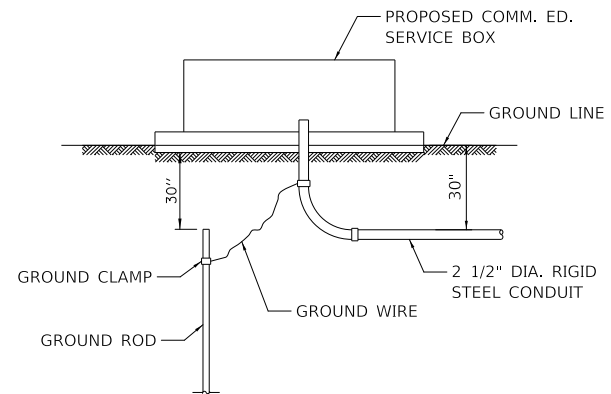
TRANSFORMER BASE (BREAKAWAY DEVICE)

(MEET CURRENT AASHTO REQUIREMENTS)



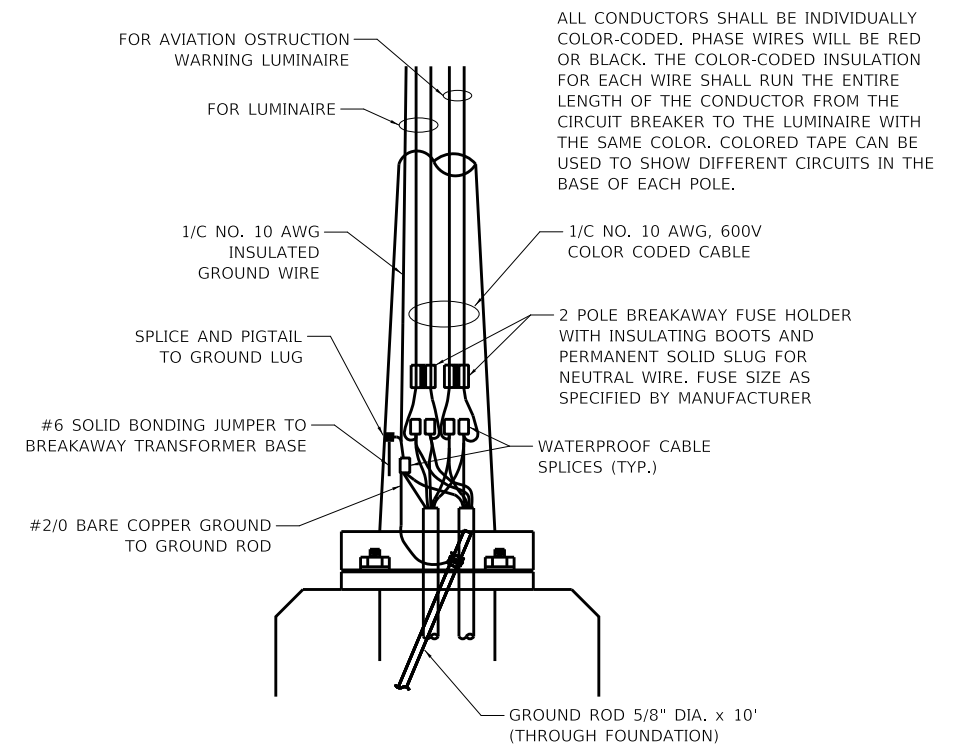
15 FOOT LIGHTING UNIT DETAIL

(NOT TO SCALE)



PROPOSED SERVICE INSTALLATION

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.



LIGHT POLE HANDHOLE WIRING DIAGRAM



Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED -	KDC	REVISED -	
DRAWN -	KDC	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	2/28/2023	REVISED -	

VILLAGE OF SCHAUMBURG / VILLAGE OF ROSELLE

LIGHTING DETAILS

N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

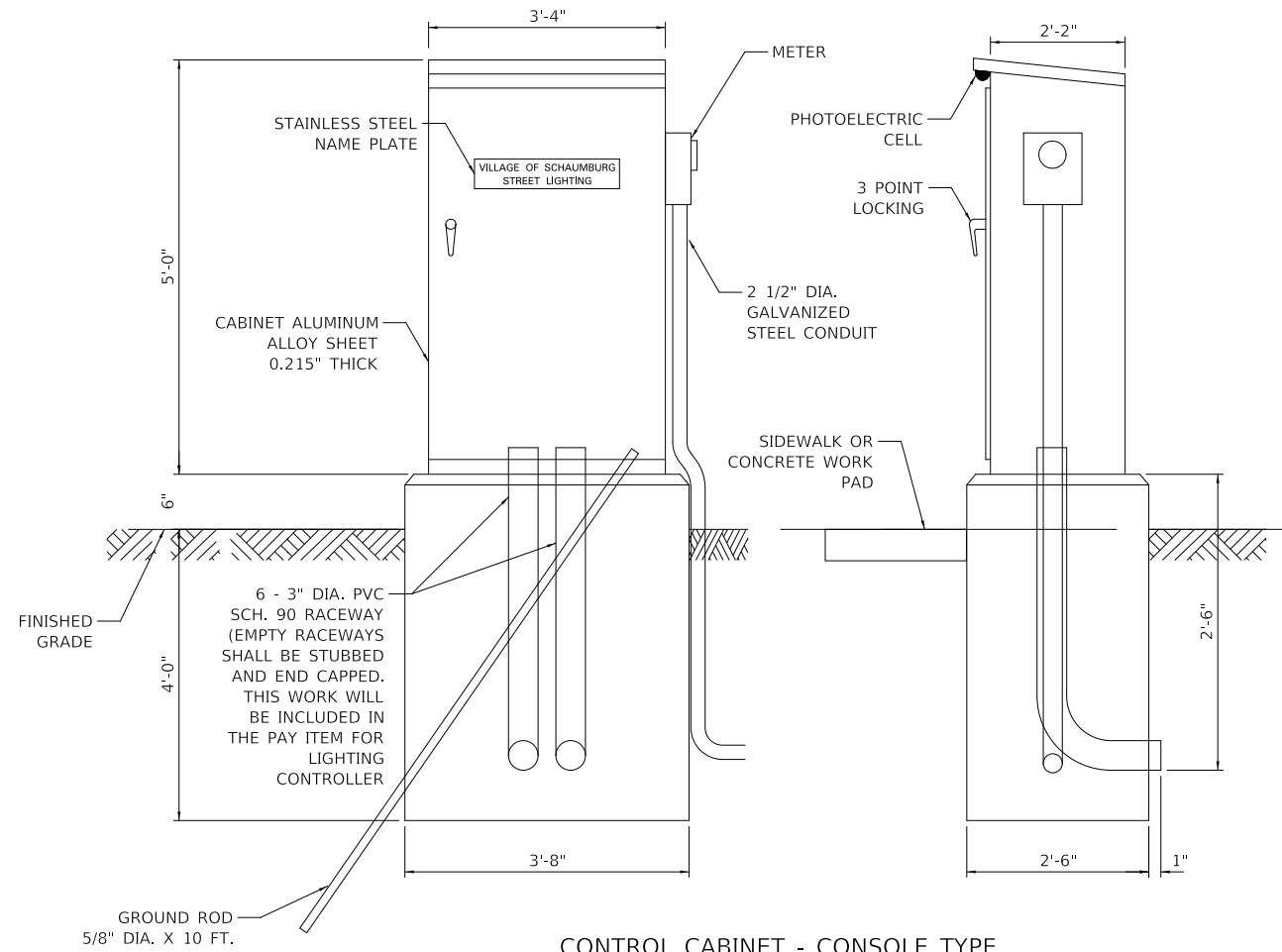
MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	112
				CONTRACT NO. 61109
ILLINOIS				

MODEL: SH06L0M006
FILE NAME: ...33272-sh-lighting06.dgn

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK	
NO.	
FILE NAME	

MODEL: SMODELNAMEN
FILE NAME: ...3572-sh-lighting07.dgn



CONTROL CABINET - CONSOLE TYPE

PROPOSED LIGHTING CONTROLLER COMPONENT SCHEDULE	
ITEM	SPECIFICATION OR EQUAL
① MAIN CIRCUIT BREAKER	100 AMPERE, 2 POLE, 240 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 25,000 RMS SYMMETRICAL AMPS AT 600V
② OUTLET CIRCUIT BREAKER	20 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
③ PHOTOELECTRIC CELL CONTROL CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
④ AUXILIARY RELAY	120 VOLT SPST 60 HZ COIL
⑤ FOUR POINT TERMINAL BLOCK	600 VOLT
⑥ LAMPHOLDER	120 VOLT SWITCHED LAMPHOLDER
⑦ REMOTE CONTROL SWITCH - CONTACTOR	100 AMPERE, 2 POLE, 240 VOLT RATING, 120V COIL SQUARE D ELECTRICALLY OPERATED, MECHANICALLY HELD LIGHTING CONTACTOR
⑧ BRANCH LINE CIRCUIT BREAKERS	CKTS. A - F 30 AMP, 2 POLE, 240 VOLT RATING CKTS. 1 - 2 20 AMP, 1 POLE, 120 VOLT RATEING ALL CIRCUITS SHALL BE INTERRUPTING CAPACITY NOT LESS THAN 10,000 RMS SYMMETRICAL AMPS
⑨ PHOTOELECTRIC CELLCONTROL WIRE	3-600V XLP NO. 10
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 2
⑪ CONTROL WIRE	2-600V XLP NO. 10
⑫ HAND-AUTO-OFF CONTROL SWITCH	10 AMPERE, 3 POLE, 120 VOLT.
⑬ LIGHTING ARRESTOR	BRACKET MOUNTED SURGE ARRESTOR FOR 120/240V 3W SERVICE
⑭ PHOTOELECTRIC CELL	120 SECONDS OFF TIME DELAY, 120V
⑮ MICRO SWITCH	MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN
⑯ OUTLET	120 VOLT SWITCHED LAMPHOLDER AND 20 AMP GFI DUPLEX RECEPTACLE. WEATHERPROOF SINGLE GANG CAST ALUMINUM BOX AND WEATHERPROOF COVER.

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

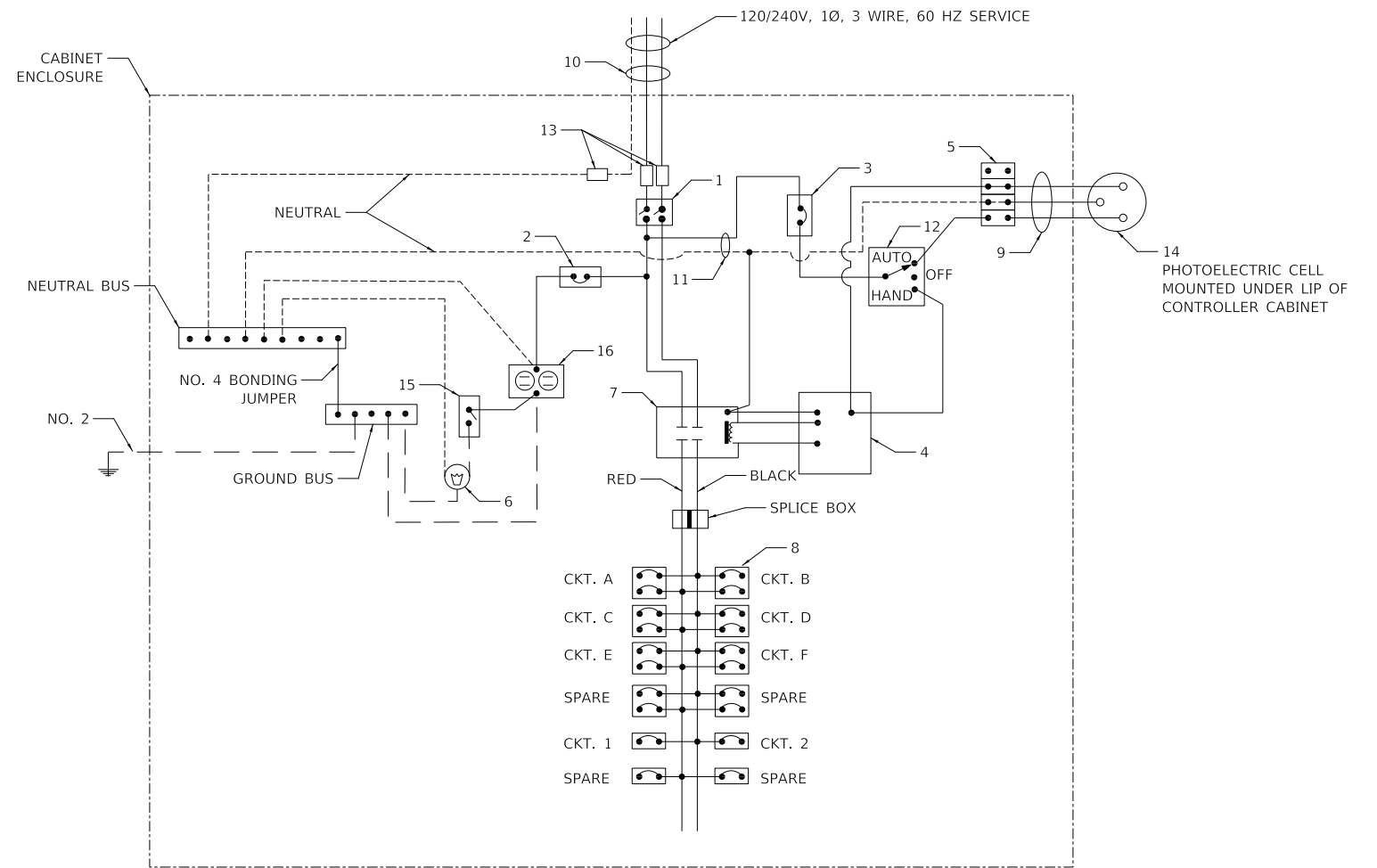
A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

CONTROLLER CABINET PAINTING NOTE:
THE CABINET SHALL BE PRIMED AND PAINTED GREEN. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCLUDED IN THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.

PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING "LIVE CIRCUITS EVEN WHEN MAIN CIRCUIT BREAKER IS IN OFF POSITION".

THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.



PANEL WIRING DIAGRAM

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DESIGNED -	KDC	REVISED -	
DRAWN -	KDC	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

LIGHTING DETAILS

N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

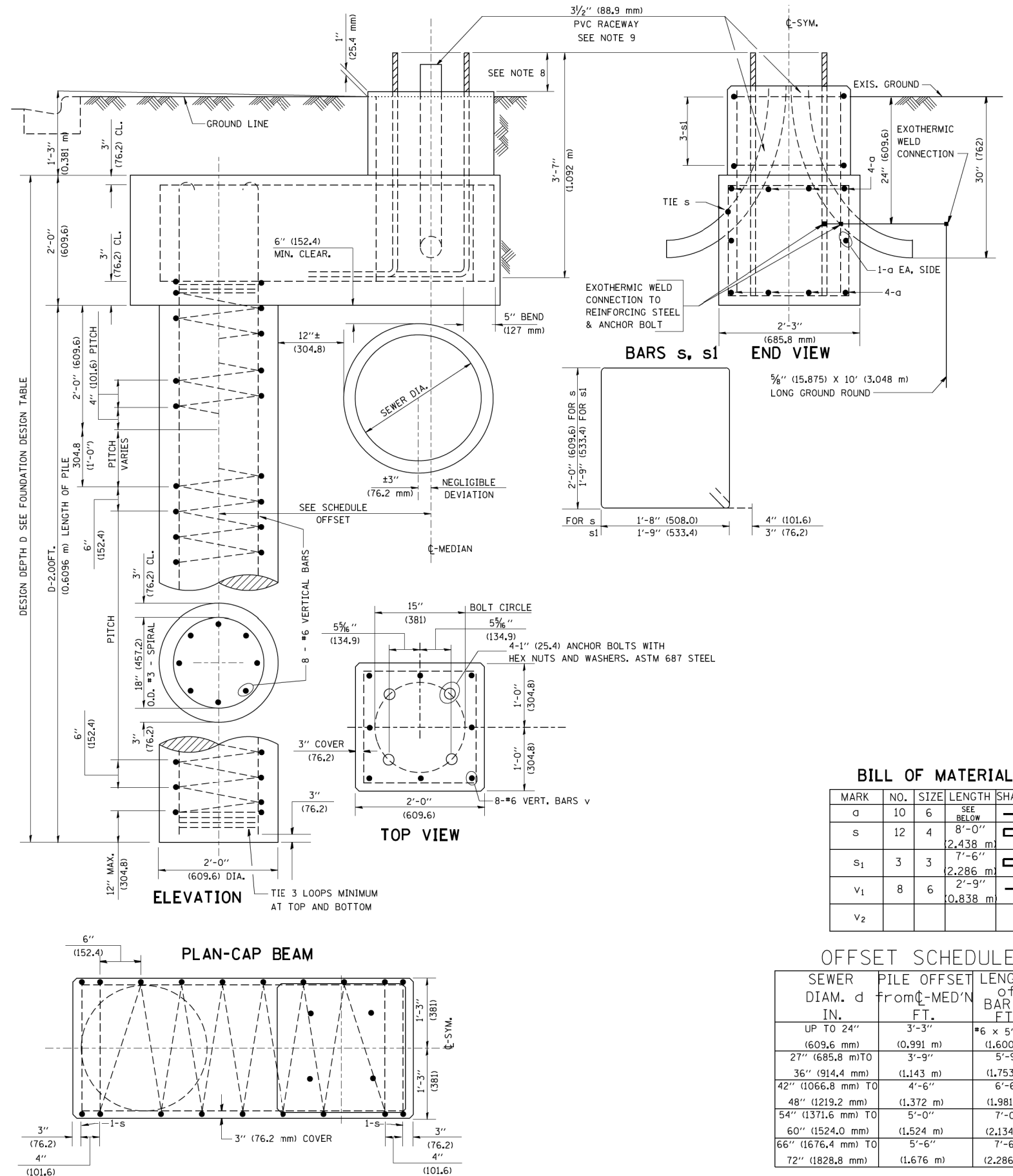
MUN/TR R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	113
			CONTRACT NO. 61J09	
ILLINOIS				

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s ₁	3	3	7'-6" (2.286 m)	□
v ₁	8	6	2'-9" (0.838 m)	—
v ₂				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET FROM C-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1.600 m)
27" (685.8 mm) TO	3'-9" (1.143 m)	5'-9" (1.753 m)
36" (914.4 mm)	(1.143 m)	(1.753 m)
42" (1066.8 mm) TO	4'-6" (1.372 m)	6'-6" (1.981 m)
48" (1219.2 mm)	(1.372 m)	(1.981 m)
54" (1371.6 mm) TO	5'-0" (1.524 m)	7'-0" (2.134 m)
60" (1524.0 mm)	(1.524 m)	(2.134 m)
66" (1676.4 mm) TO	5'-6" (1.676 m)	7'-6" (2.286 m)
72" (1828.8 mm)	(1.676 m)	(2.286 m)

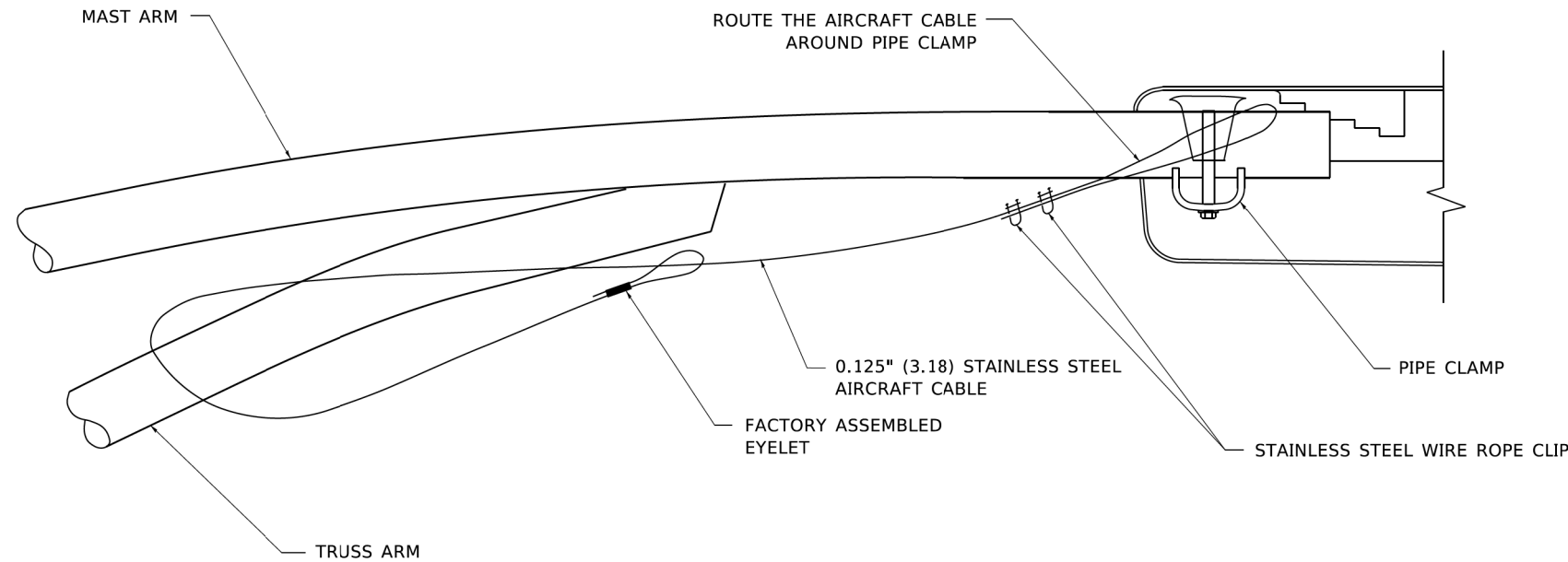
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

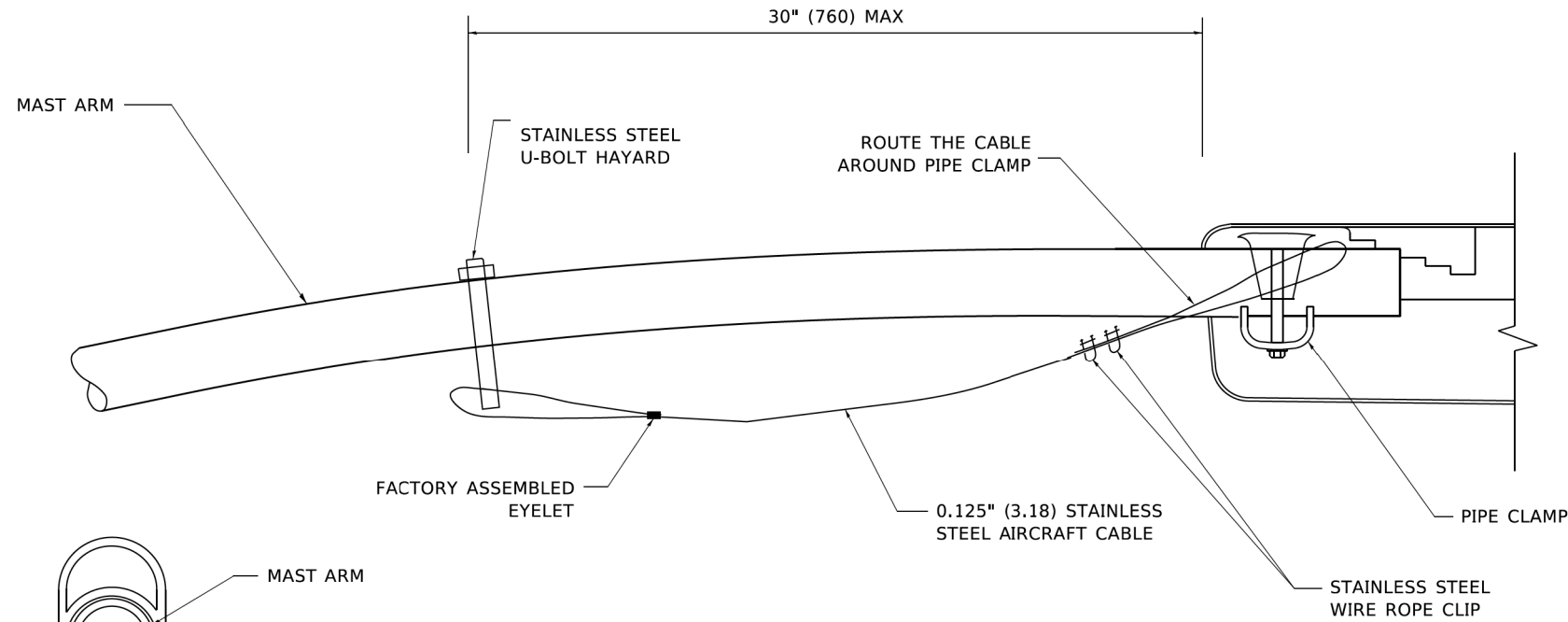
LIGHT POLE FOUNDATION OFFSET
40" (12.192 m) TO 47 1/2" (14.478 m) M.H.
15" (381 mm) BOLT CIRCLE

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

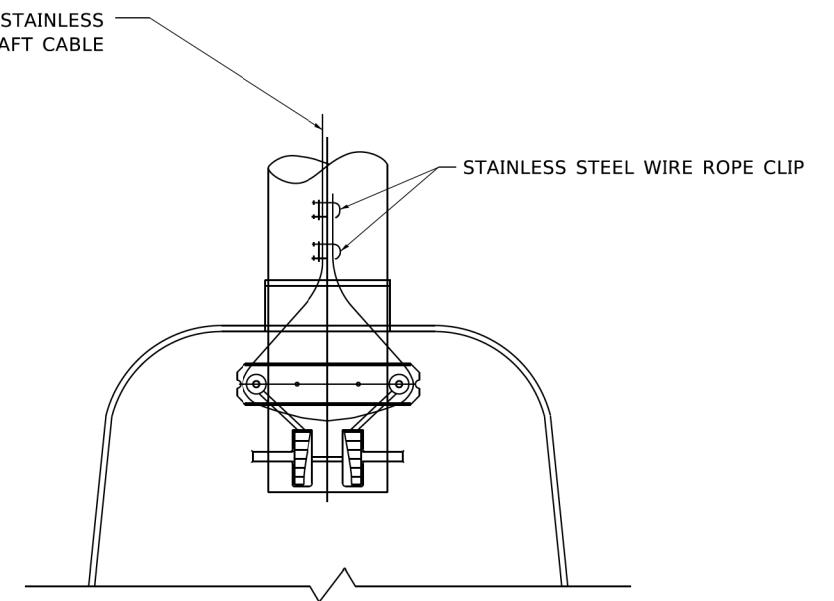
MUN/TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06660092	18-00132-00-PV	COOK / DUPAGE	177	114
BE-310			CONTRACT NO.	61109
ILLINOIS FED. AID PROJECT				



SIDE VIEW (TRUSS ARM)
N.T.S.



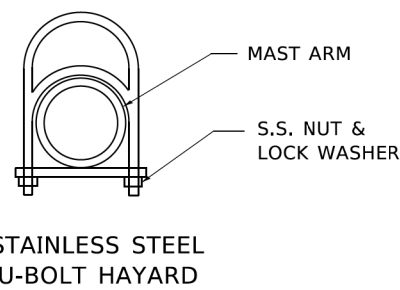
SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.



BOTTOM VIEW
N.T.S.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.



STAINLESS STEEL U-BOLT HAYARD

MODEL: Default
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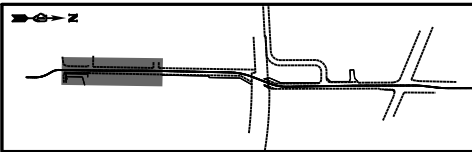
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	DRAWN -	REVISED -
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PLOT DATE = 4/19/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

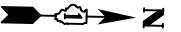
LUMINAIRE SAFETY CABLE ASSEMBLY

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

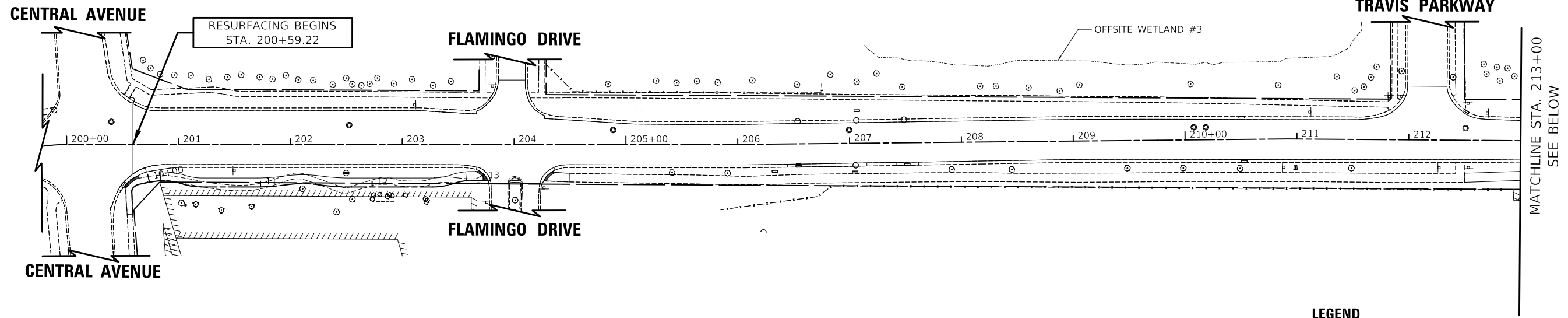
MUN/TRA	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0094	18-00132-00-PV	COOK / DUPAGE	177	115
BE-701			CONTRACT NO. 61J09	
ILLINOIS FED. AID PROJECT				



KEYMAP



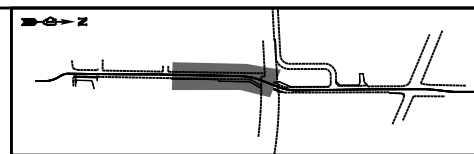
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	BY	
	NOTED	
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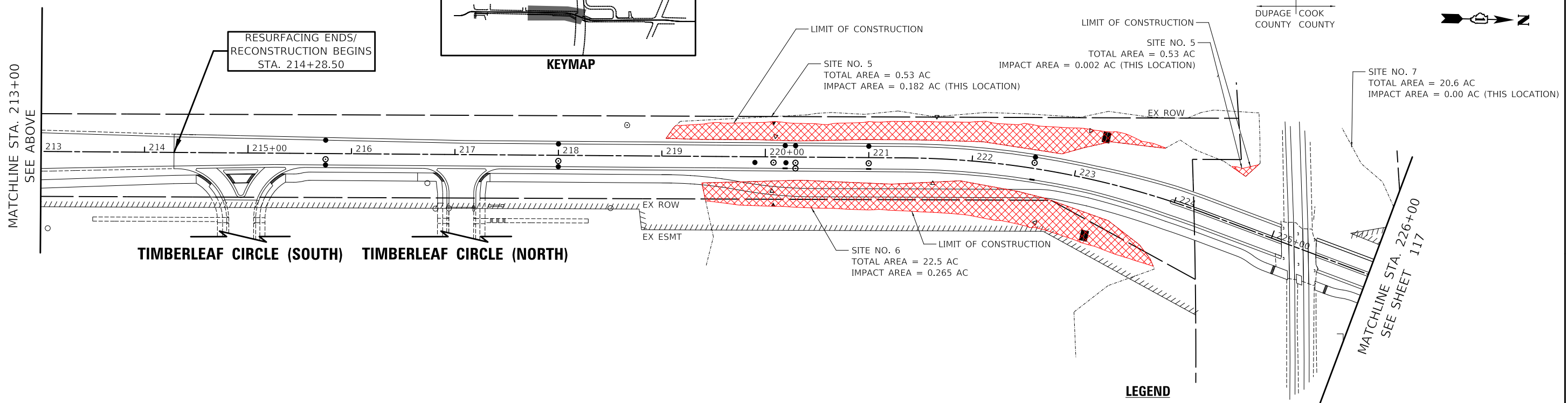
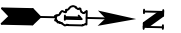
LEGEND

- WETLAND LIMIT
- ⊙ EXISTING TREE TO REMAIN
- ▨ PERMANENT IMPACT AREA

RODENBURG ROAD



KEYMAP



LEGEND

- WETLAND LIMIT
- ⊙ EXISTING TREE TO REMAIN
- ▨ PERMANENT IMPACT AREA

RODENBURG ROAD

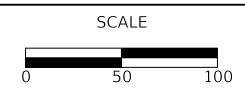
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Tel: 630.773.3900 Fax: 630.773.3975
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DESIGNED -	KDC	REVISED -	
DRAWN -	KDC	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

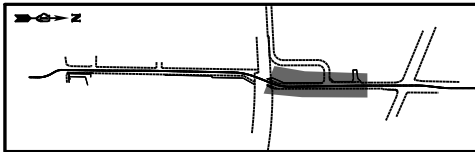


WETLAND IMPACT EXHIBIT

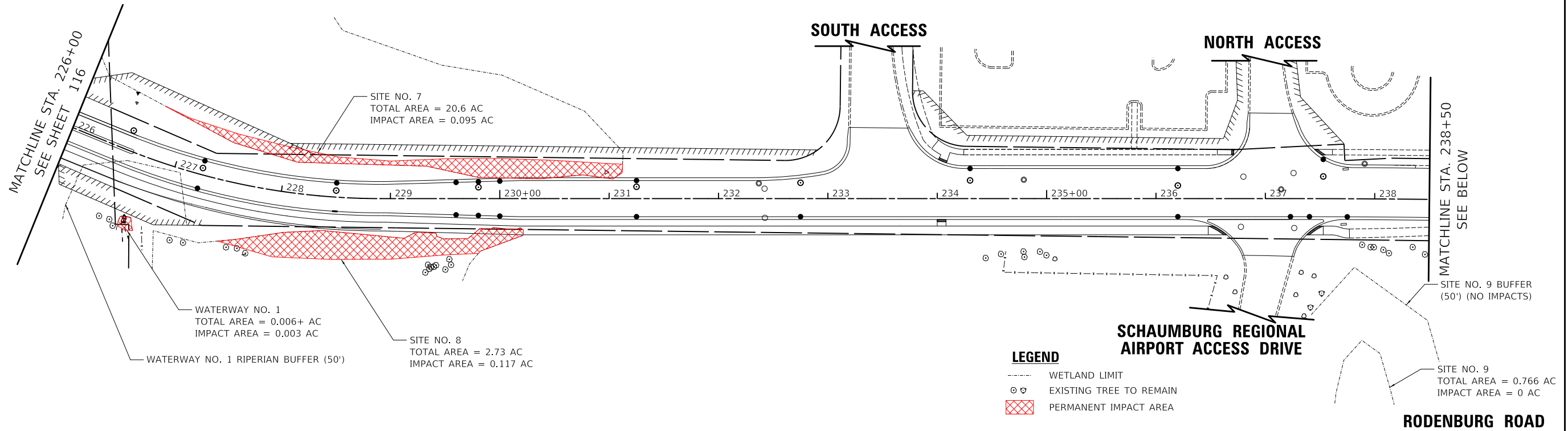
SHEET 1 OF 2 SHEETS STA. 200+88.90 TO STA. 226+00.00

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	116
ILLINOIS			CONTRACT NO. 61J09	

PLAN	SUBMITTED	DATE
	BY	
NOTE BOOK	PLOTTED	
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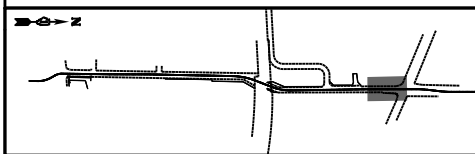


KEYMAP

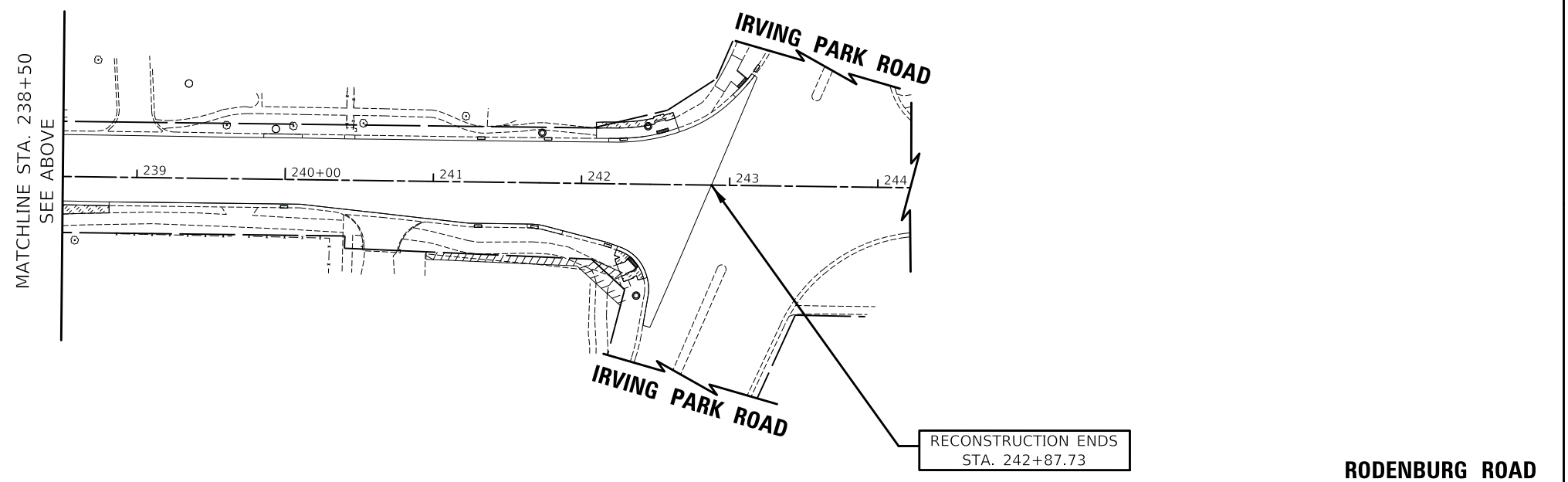


LEGEND

- WETLAND LIMIT
- ⊙ EXISTING TREE TO REMAIN
- ▨ PERMANENT IMPACT AREA



KEYMAP



LEGEND

- WETLAND LIMIT
- ⊙ EXISTING TREE TO REMAIN
- ▨ PERMANENT IMPACT AREA

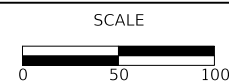
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CHECKED -	DJK	REVISED -	
DATE -	2/28/2023	REVISED -	

VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE



WETLAND IMPACT EXHIBIT

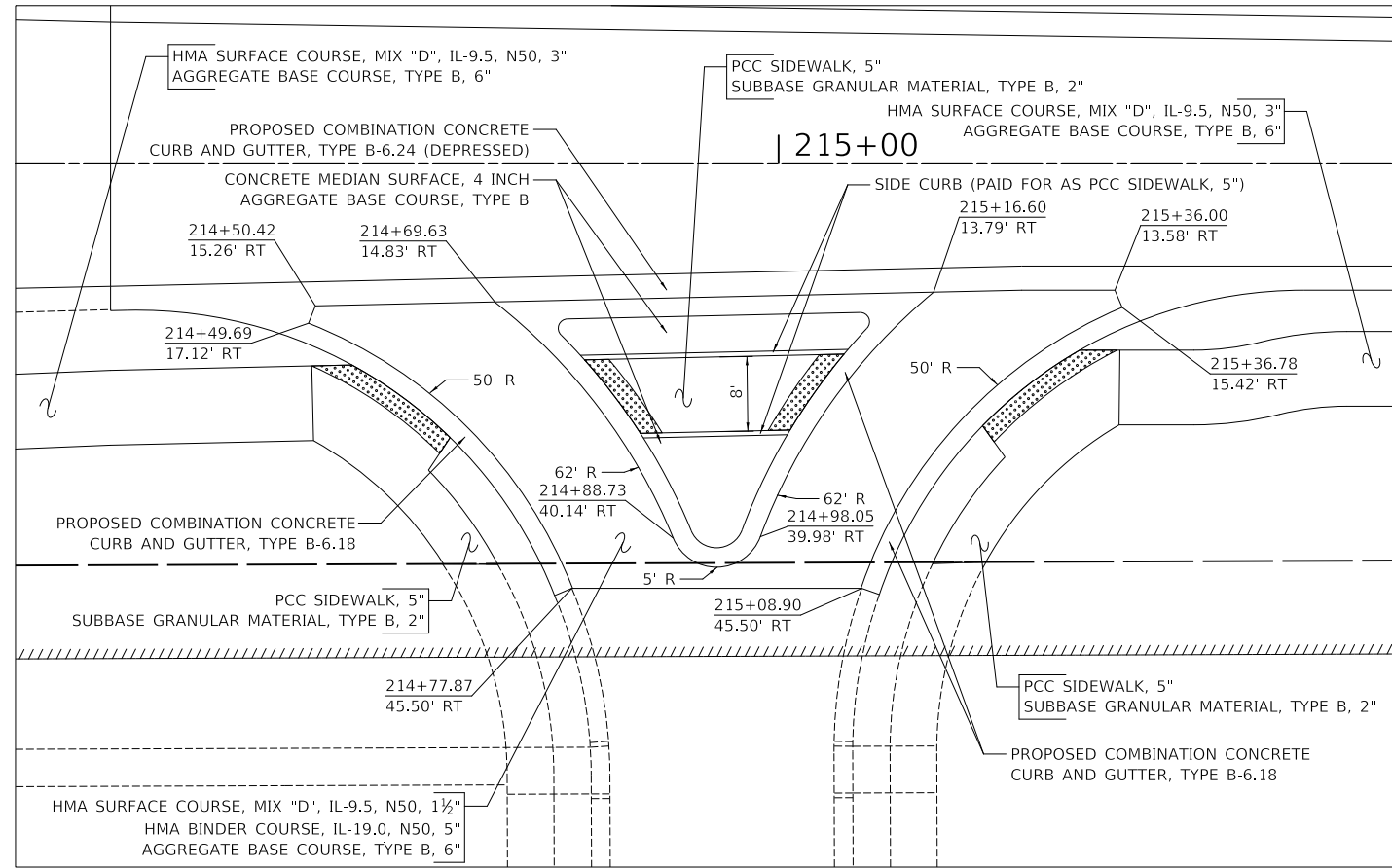
SHEET 2 OF 2 SHEETS STA. 226+00.00 TO STA. 242+87.73

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	117
ILLINOIS			CONTRACT NO. 61J09	

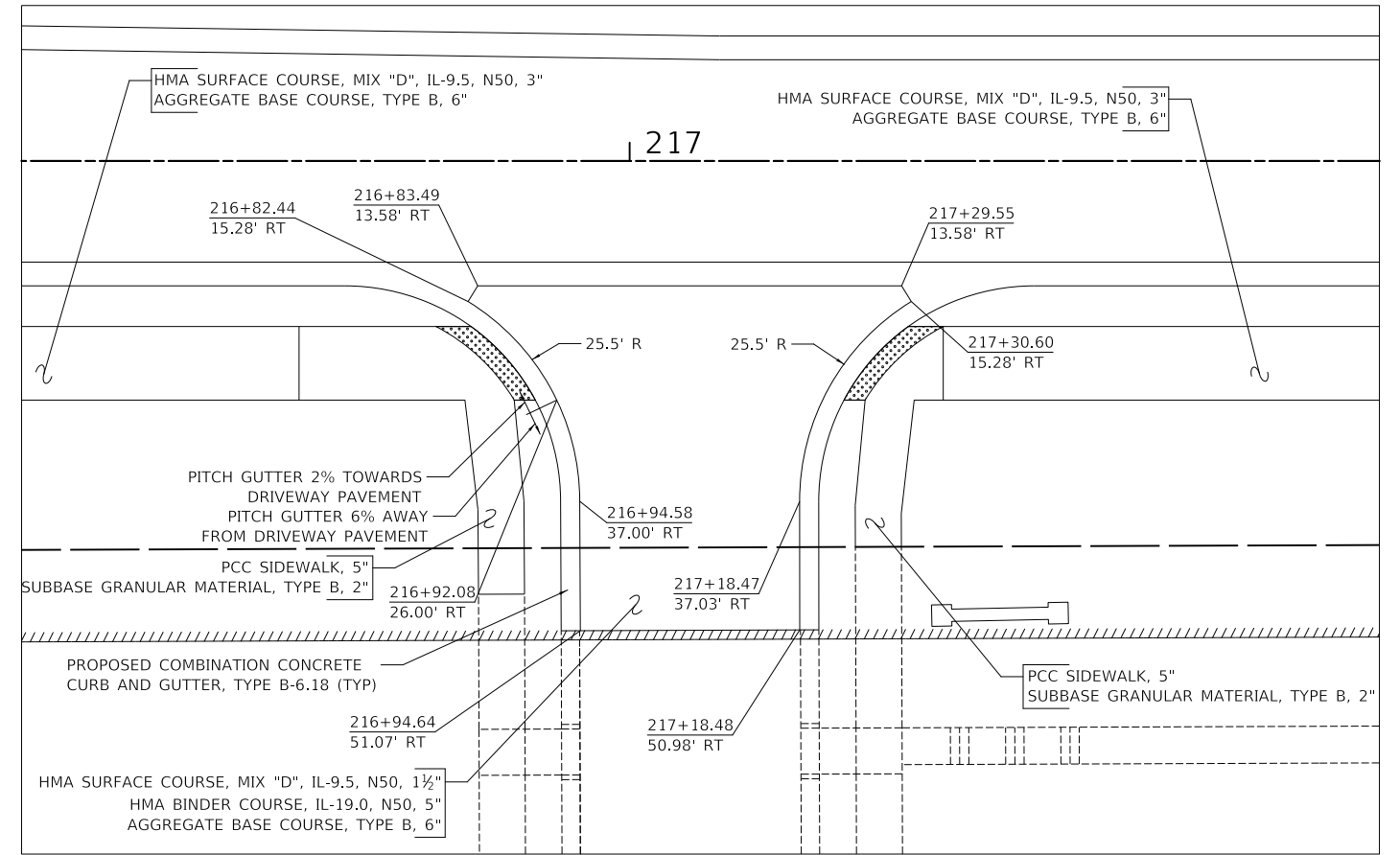
RODENBURG ROAD

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	



TIMBERLEAF CIRCLE (SOUTH)



TIMBERLEAF CIRCLE (NORTH)

MODEL: SMODEL\MAMES
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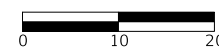


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DESIGNED	-	KDC	REVISED	-
DRAWN	-	KDC	REVISED	-
CHECKED	-	DJK	REVISED	-
DATE	-	2/28/2023	REVISED	-

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

SCALE



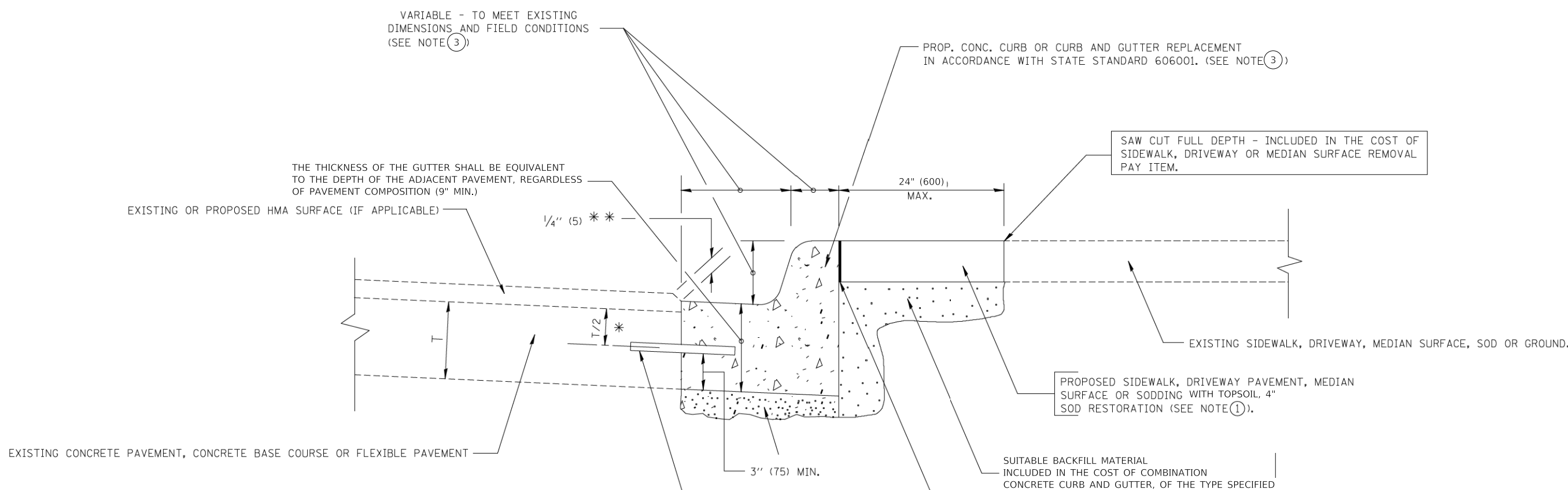
ENTRANCE DETAILS

SHEET 1 OF 1 SHEETS STA. TO STA.

MUN/TR R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	118
CONTRACT NO. 61109				
ILLINOIS				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
FIELD FILE NAME	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CURVD	
PROFILE	
NOTE BOOK	
NO.	



- * 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 AND TOPSOIL 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 CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.
- 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" OR LESS IS INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, OF THE TYPE SPECIFIED.

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

WHERE EXISTING CURB AND GUTTER IS TO BE REMOVED AND REPLACED ADJACENT TO EXISTING CONCRETE PAVEMENT REMAINING IN PLACE, THE CONTRACTOR SHALL PERFORM THE REMOVAL SO THAT THE EXISTING TIE BARS CAN BE USED IN TYING THE NEW CURB AND GUTTER TO THE EXISTING PAVEMENT. ANY TIE BARS WHICH ARE DAMAGED OR MISSING SHALL BE REPLACED WITH NO. 6 TIE BARS, 24 INCHES LONG, EMBEDDED 8 INCHES AT 24 IN. CENTERS IN ACCORDANCE WITH THE ARTICLE 420.05 (B) OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

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

CURB AND GUTTER REMOVAL AND REPLACEMENT DETAIL

CIVILTECH
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Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

CONSTRUCTION DETAILS

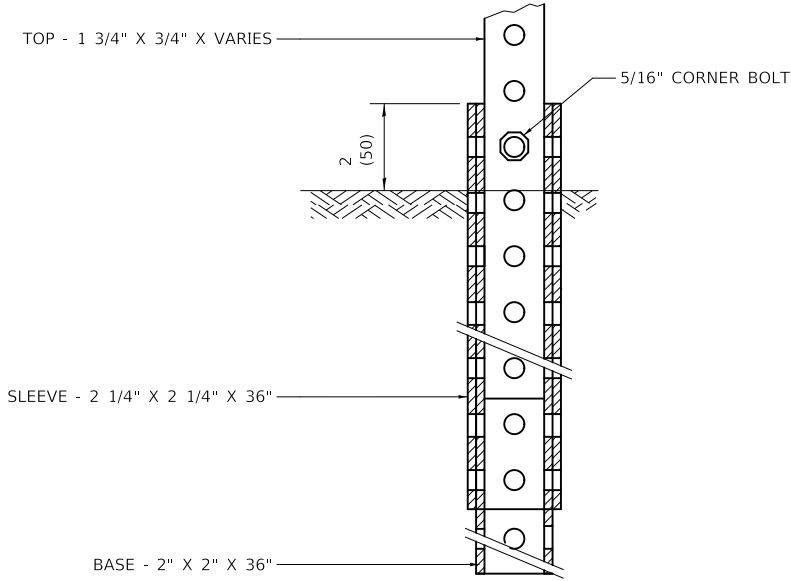
SHEET 1 OF 10 SHEETS

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	119
				CONTRACT NO. 61109
				ILLINOIS

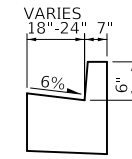
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FILE NAME: ...117-Detail13572-Detail

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	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
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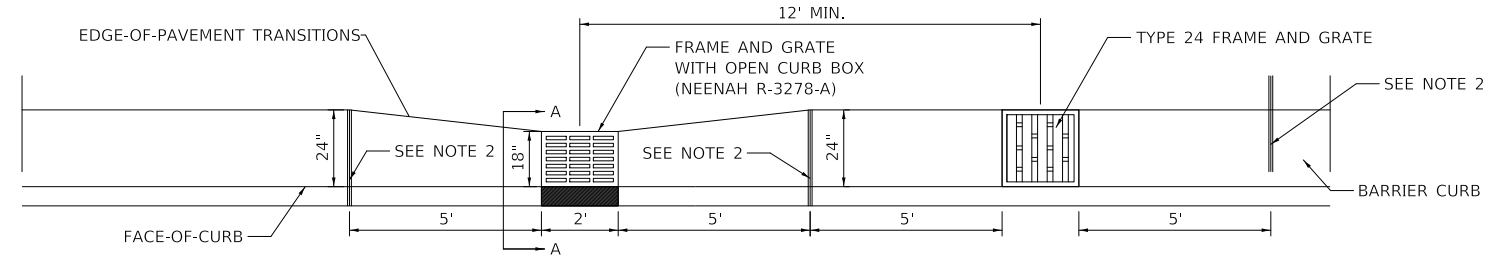
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
	NO.	



TELESCOPING STEEL SIGN SUPPORT (SPECIAL) MOUNT DETAIL



SECTION A-A



PLAN

CURB AND GUTTER TRANSITION DETAIL AT SPECIAL FRAME AND GRATE STRUCTURE

NOTES

1. ALL CURB AND GUTTER TRANSITIONS SHALL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".
2. EXPANSION JOINT PER IDOT STANDARD 606001.

MODEL: SMODEL\MAMES
FILE NAME: ...17-Dec-2023-Details



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DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

CONSTRUCTION DETAILS

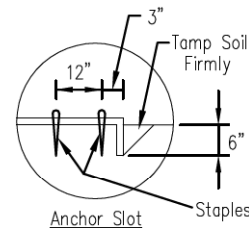
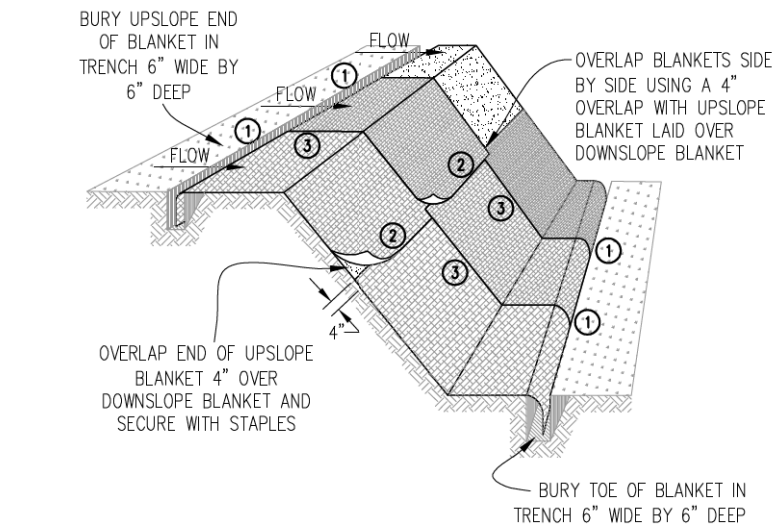
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MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 61109	
ILLINOIS				

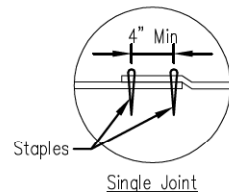
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	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
	NO.	

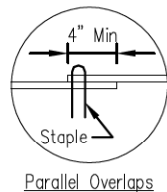
AUTOCAD2006



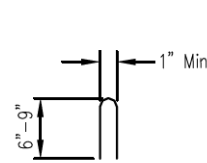
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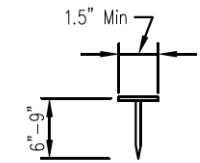
DETAIL 2



DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

NOTES:

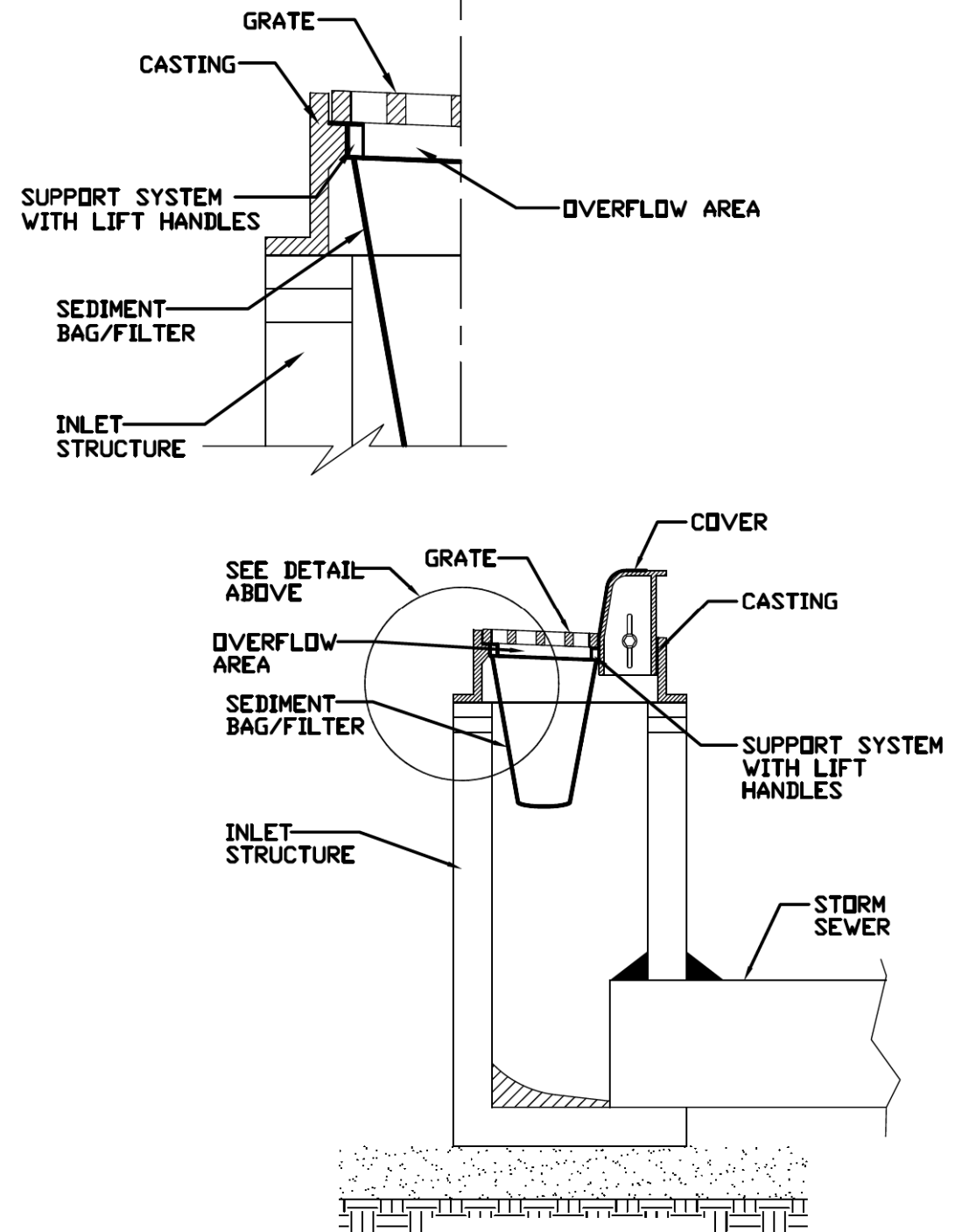
1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of materia. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

EROSION CONTROL BLANKET INSTALLATION DETAILS

Designed	_____	Date	_____
Drawn	B. JOHNSON	11/08	_____
Checked	_____	_____	_____
Approved	_____	_____	_____

Sheet	1	of	1
Drawing No.	IUM-561D		
File No.	IUM-561D		

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION



REFERENCE	_____
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IUM-561D
SHEET	1 OF 1
DATE	01-11-11



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CHECKED	- DJK	REVISED	-
DATE	- 2/28/2023	REVISED	-

VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE

CONSTRUCTION DETAILS

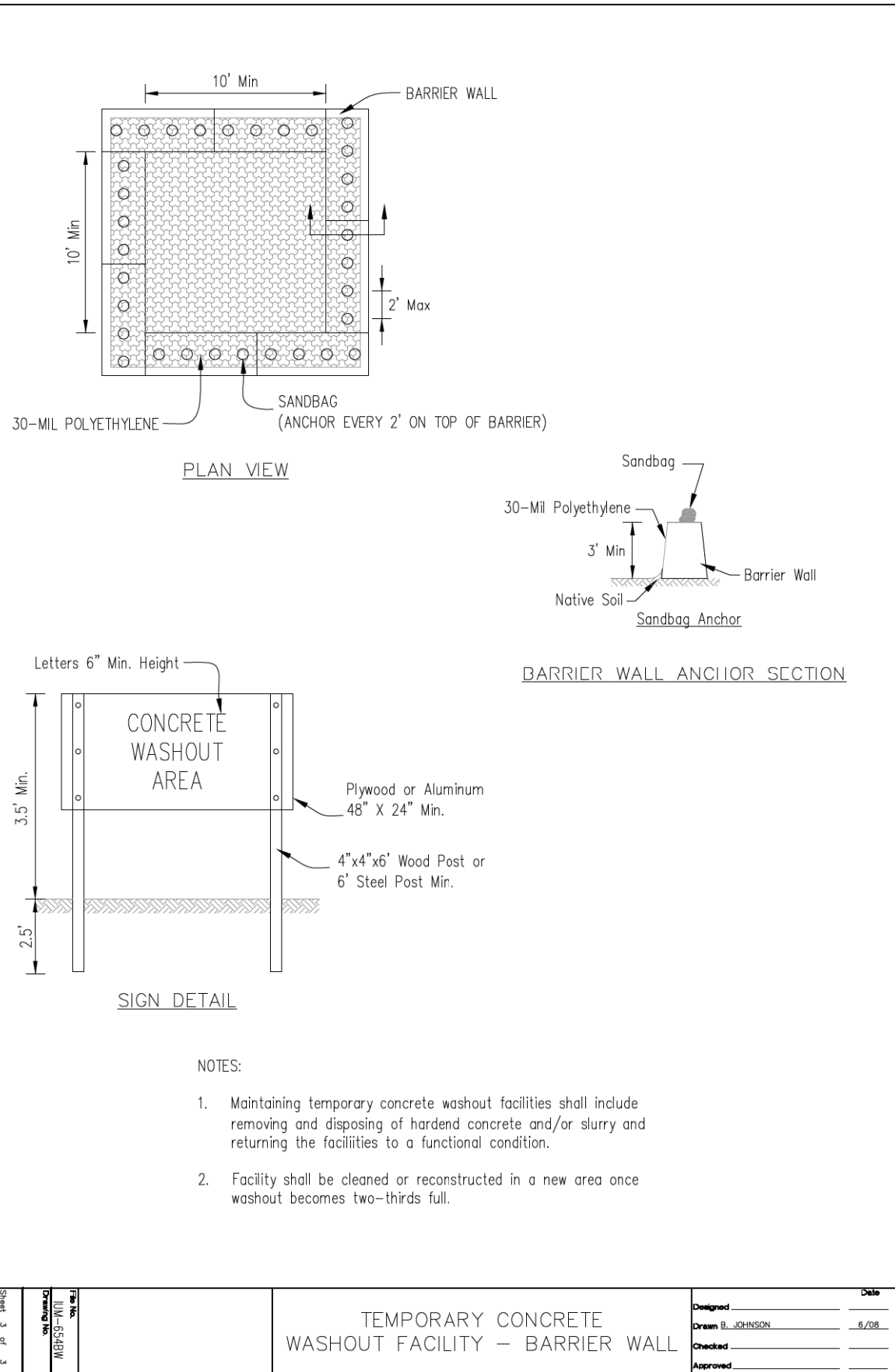
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MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	121
			CONTRACT NO. 61109	
ILLINOIS				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATION SHEET	

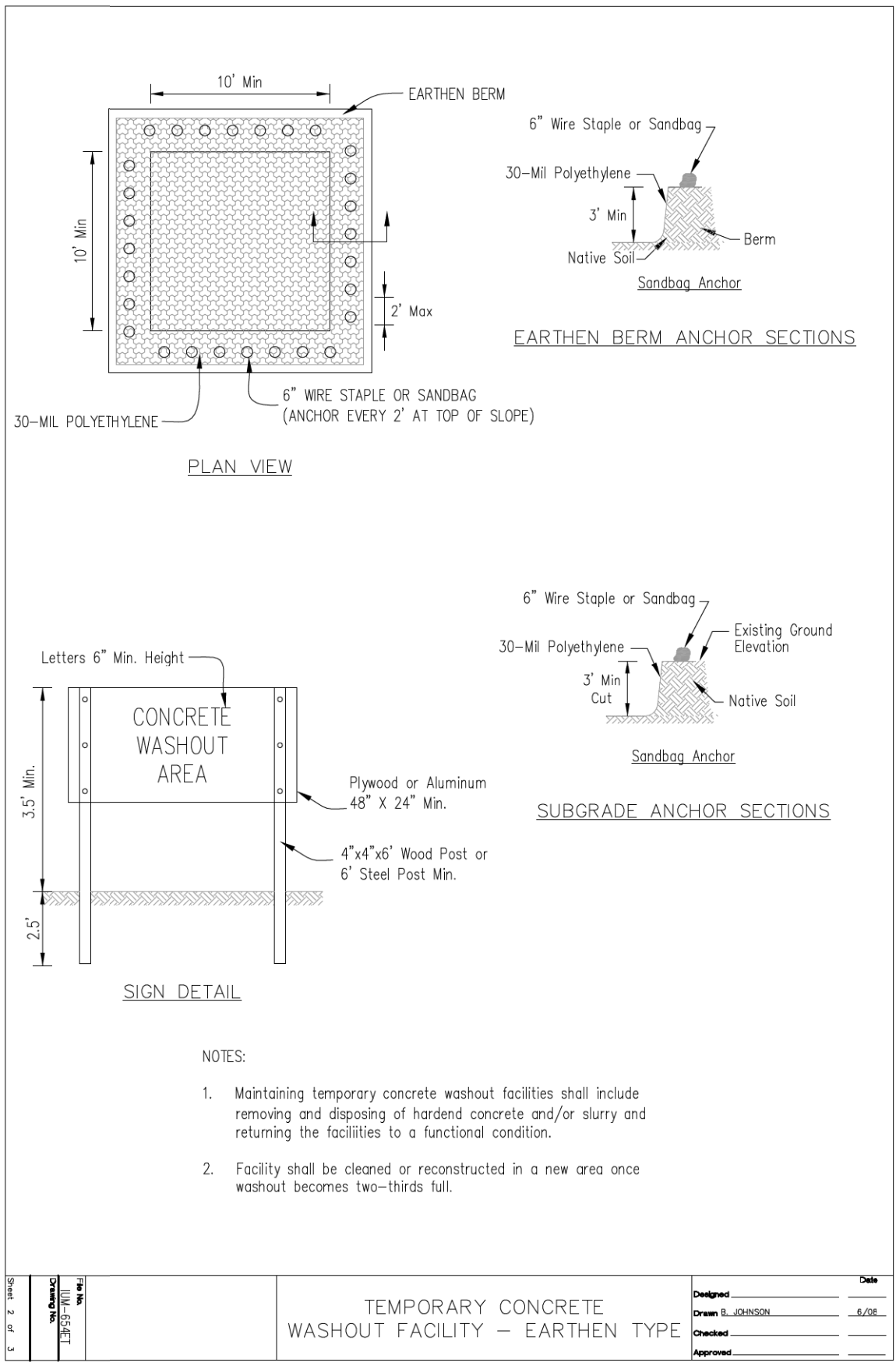
AUTOCAD2006



Sheet 3 of 3
Drawing No. MW-654BW
File No. MW-654BW

TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL	
Designed	
Drawn B. JOHNSON	6/08
Checked	
Approved	

AUTOCAD2006



Sheet 2 of 3
Drawing No. MW-654BT
File No. MW-654BT

TEMPORARY CONCRETE WASHOUT FACILITY - EARTHEN TYPE	
Designed	
Drawn B. JOHNSON	6/08
Checked	
Approved	

MODEL: SHODLNAME5
FILE NAME: ...137-dca4a13572-Details



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DATE -	2/28/2023	REVISED -	

VILLAGE OF SCHAUMBURG /
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CONSTRUCTION DETAILS

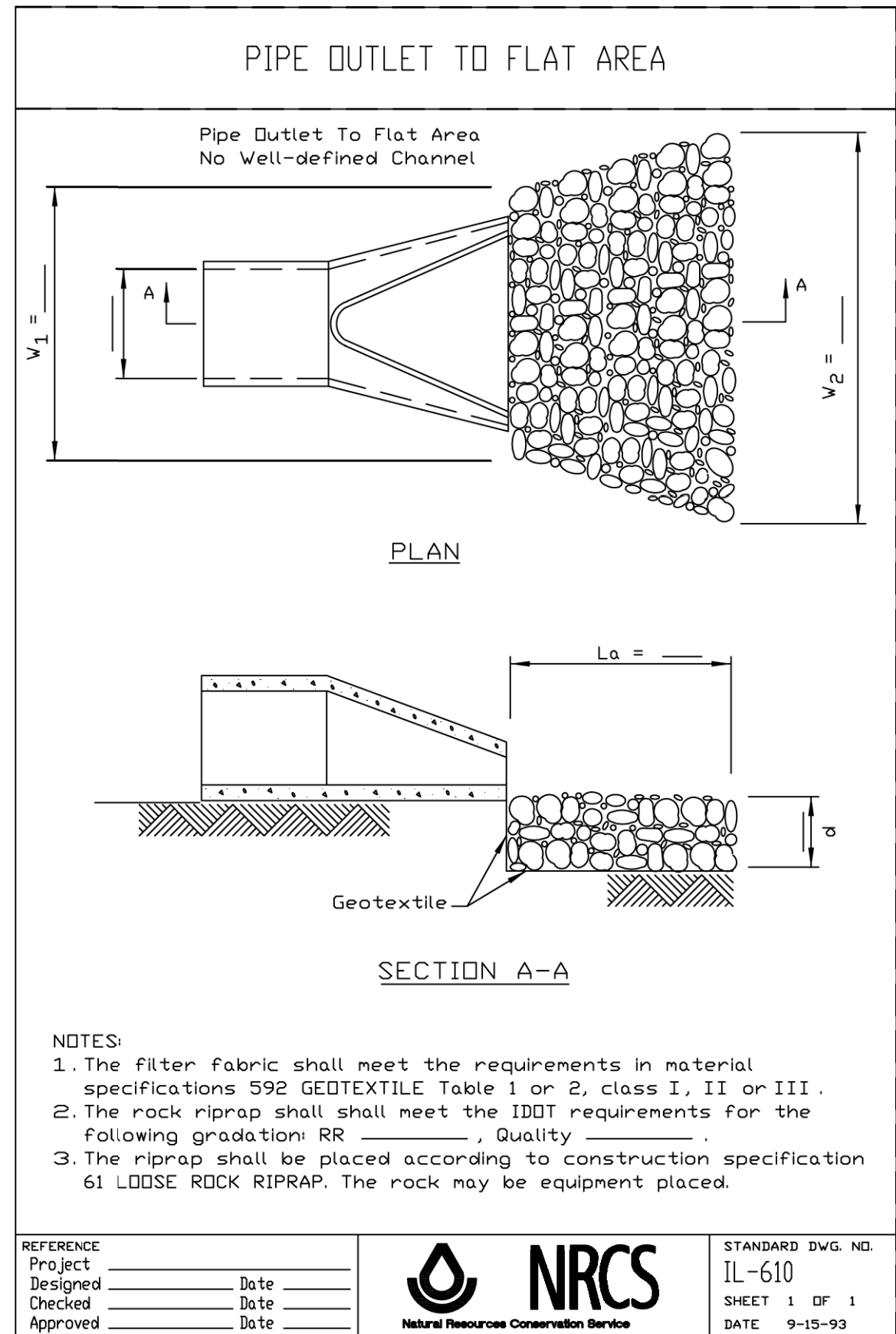
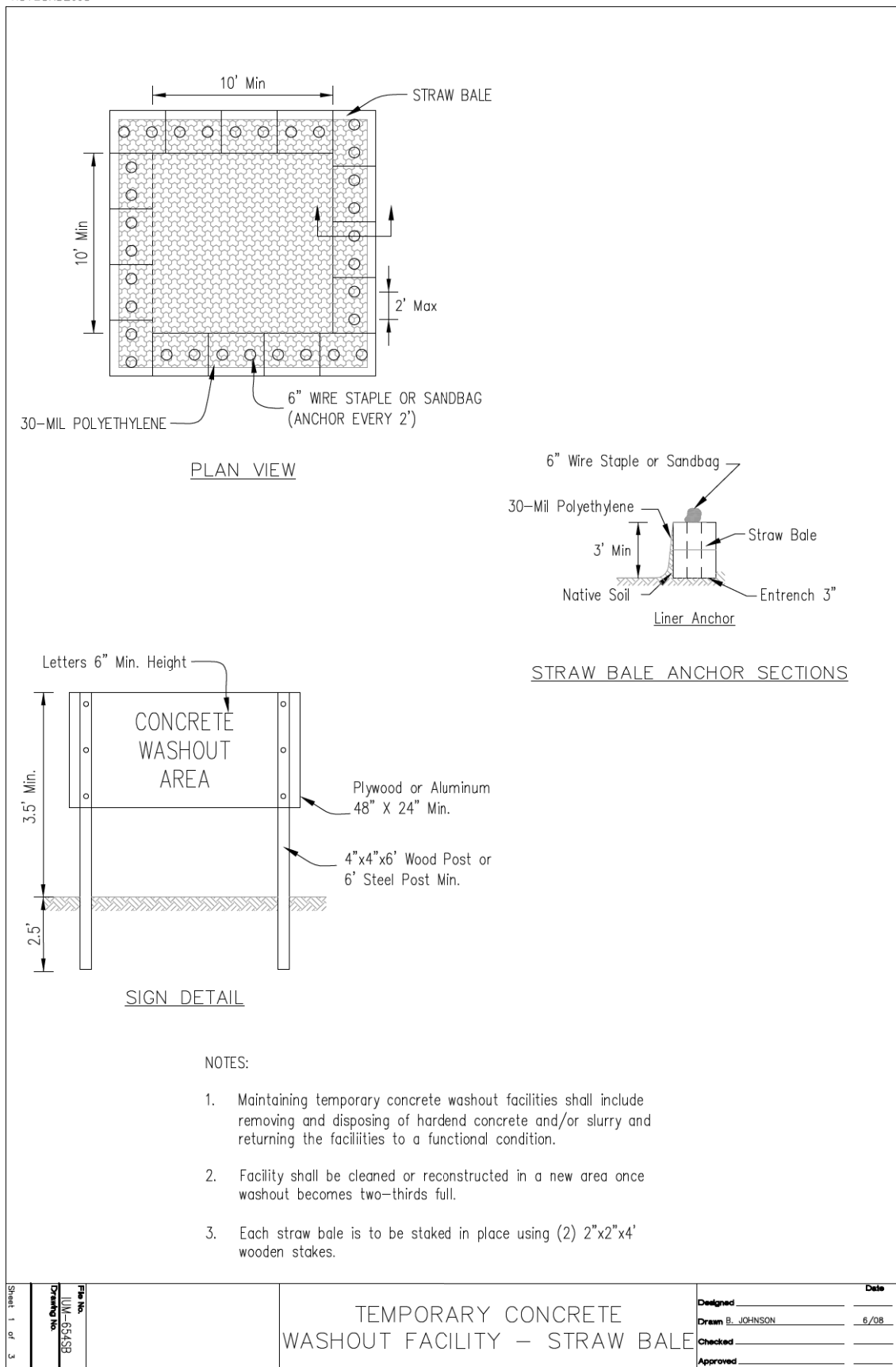
SHEET 4 OF 10 SHEETS

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	122
CONTRACT NO. 61109			ILLINOIS	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATION SHOWN		

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MODEL: SHODLNAME5
FILE NAME: ...137-Defeat13572_Details

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DATE	-	2/28/2023	REVISED	-

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

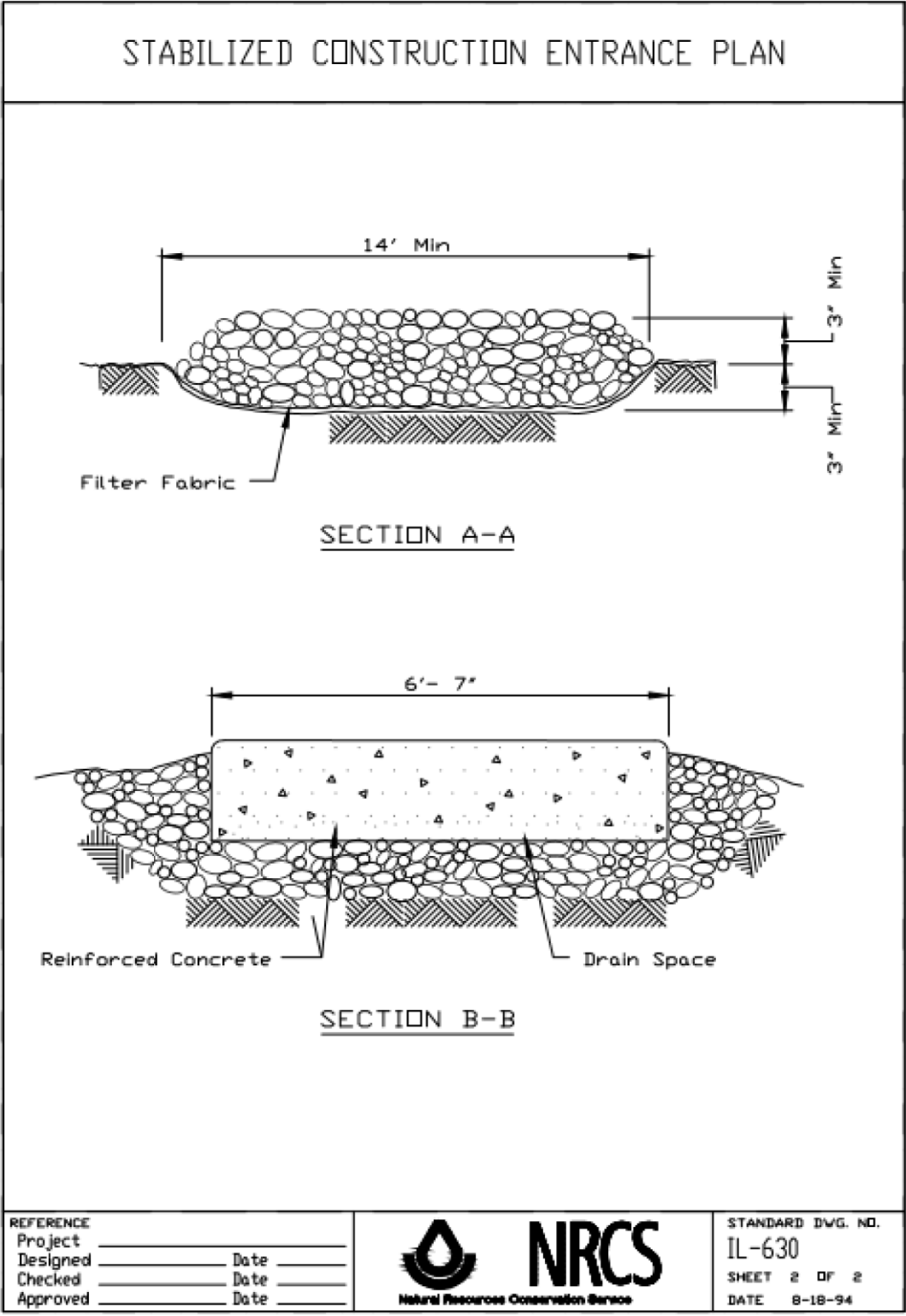
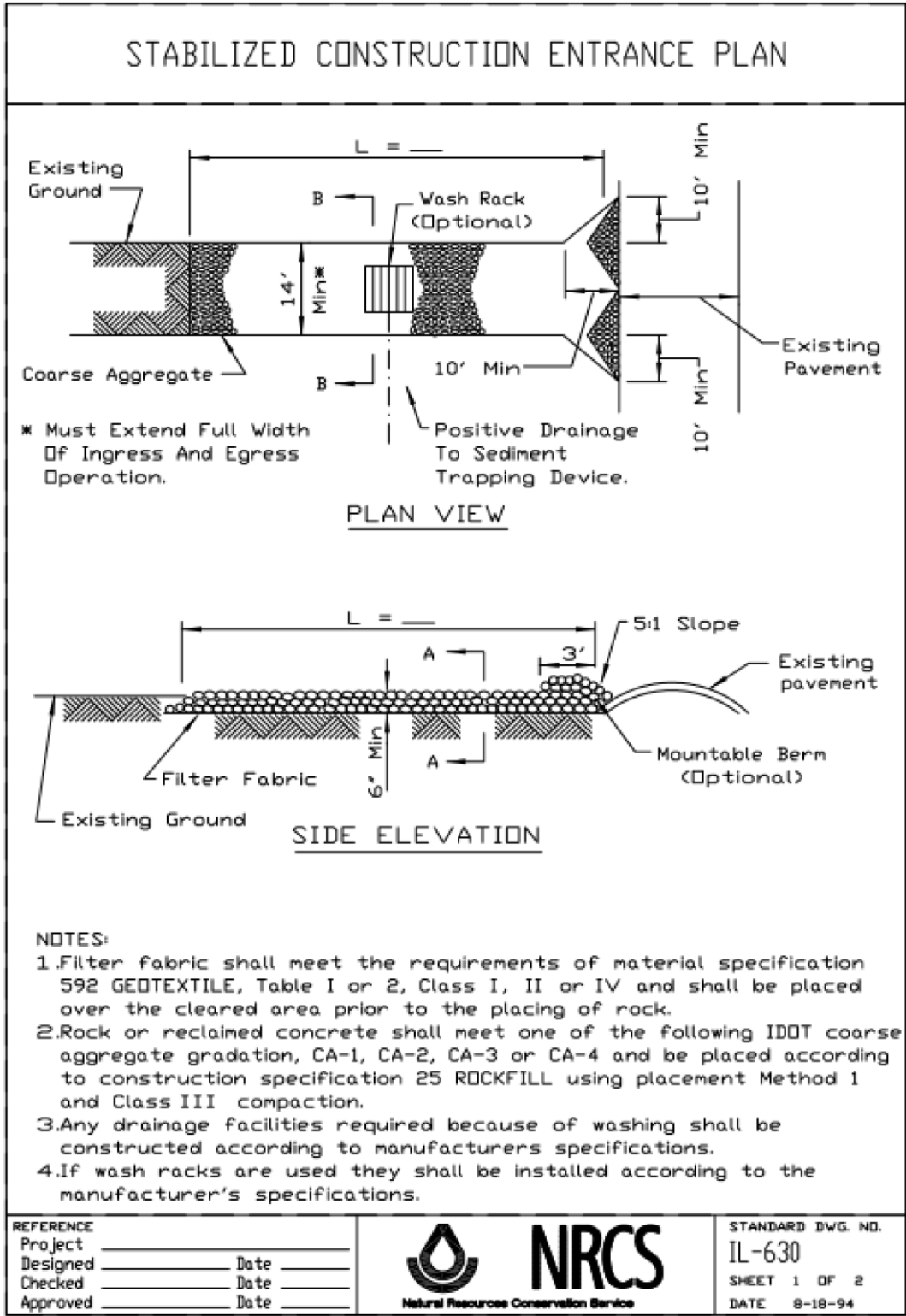
CONSTRUCTION DETAILS

SHEET 5 OF 10 SHEETS

MUN/TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	123
ILLINOIS			CONTRACT NO. 61J09	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	



MODEL: SH06LNAME5
FILE NAME: ...13720240413572_Details



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CHECKED - DJK	REVISED -
DATE - 2/28/2023	REVISED -

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

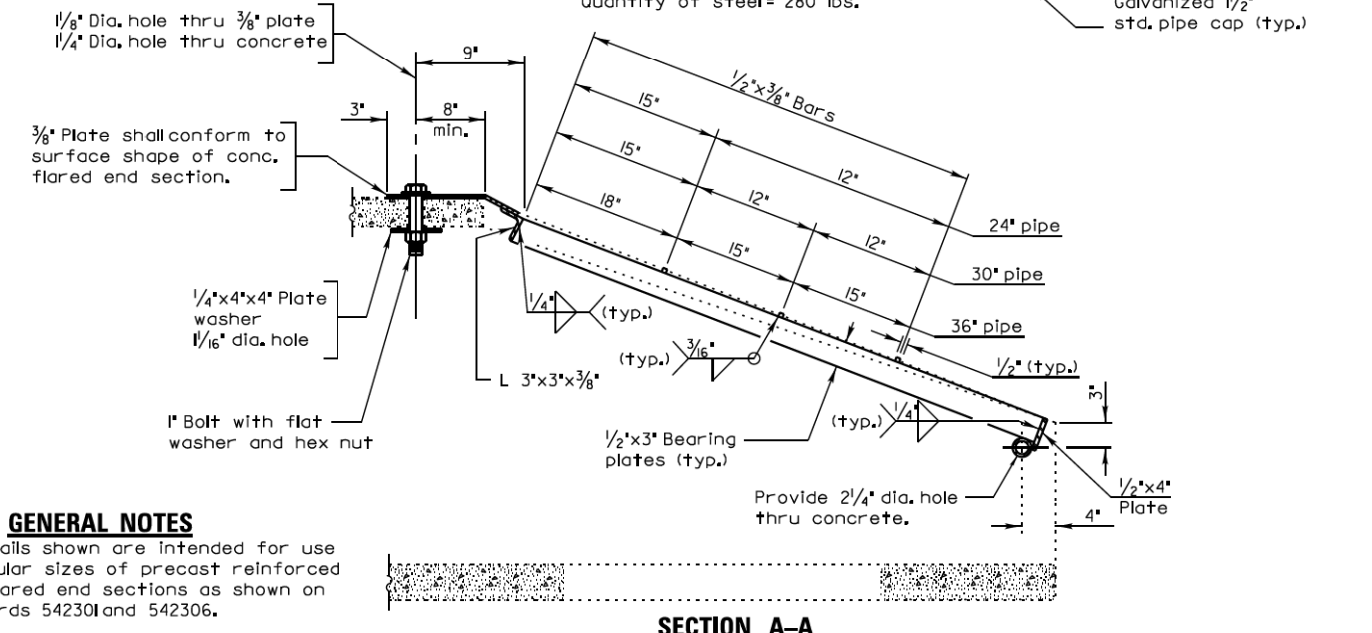
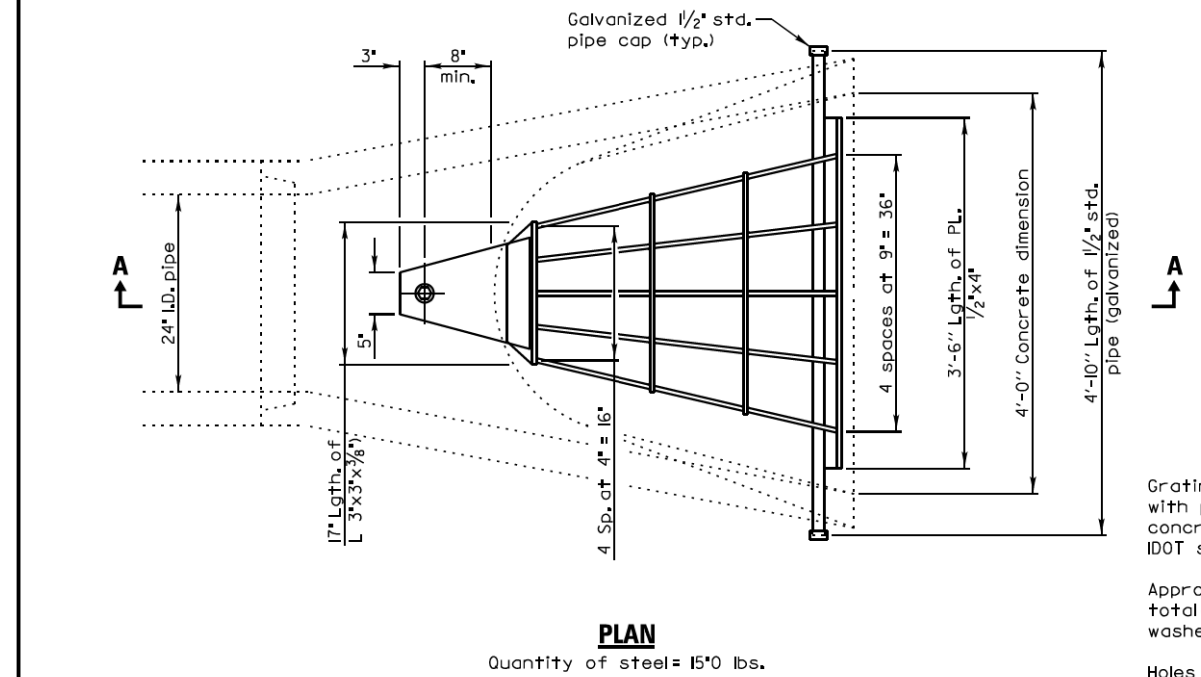
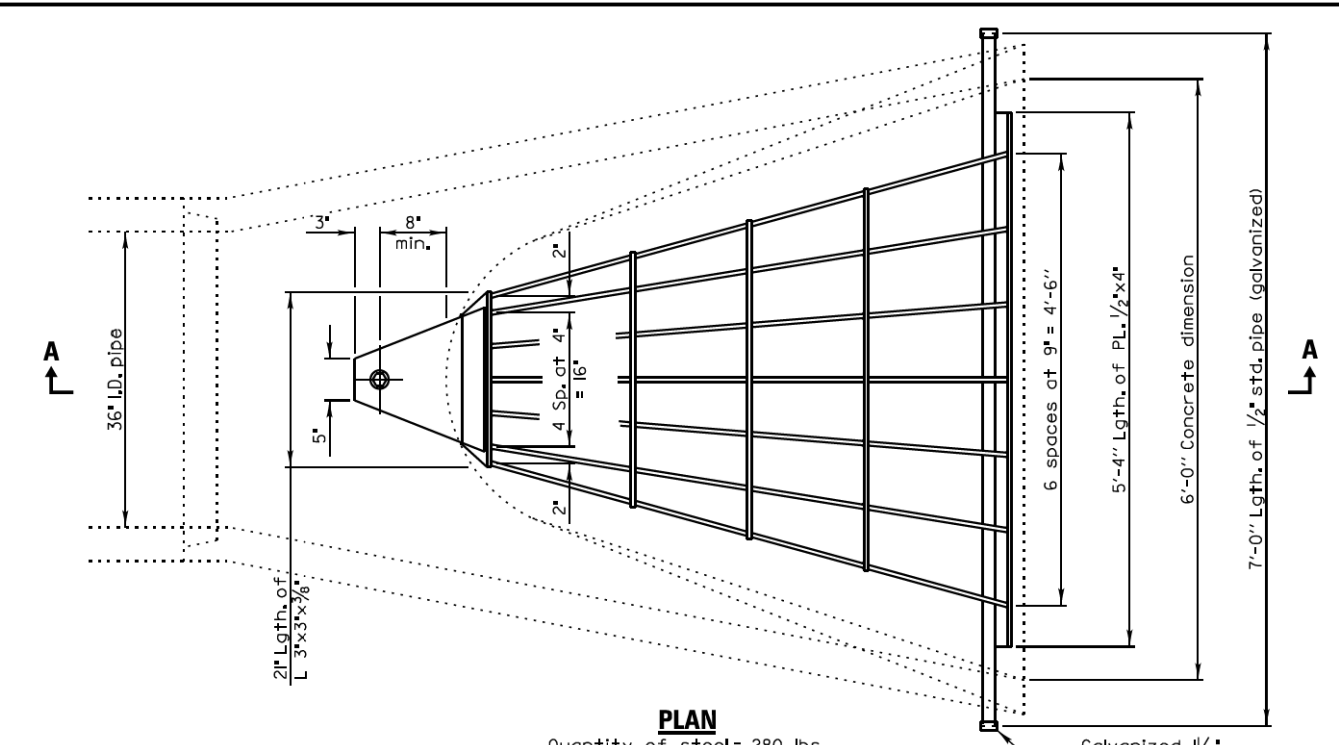
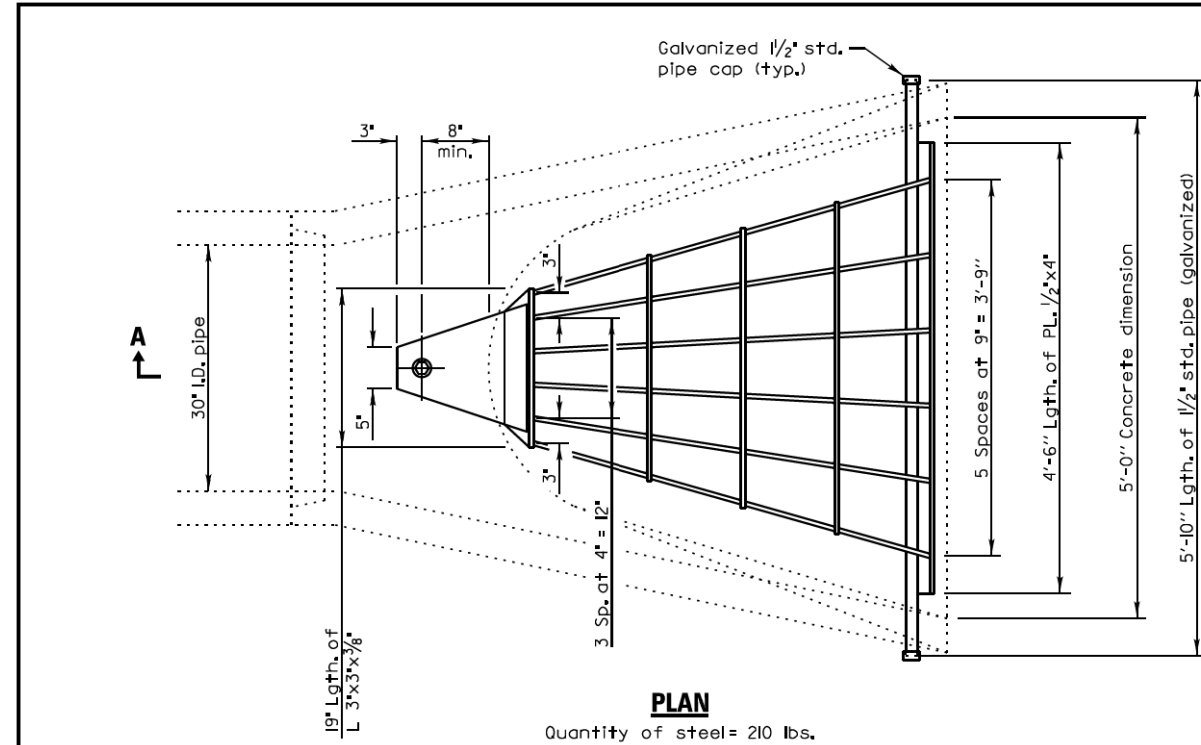
CONSTRUCTION DETAILS

SHEET 6 OF 10 SHEETS

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ILLINOIS			CONTRACT NO. 61109	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	



GENERAL NOTES

Grating details shown are intended for use with particular sizes of precast reinforced concrete flared end sections as shown on IDOT standards 542301 and 542306.

Approximate quantity of steel shown includes total quantity of grating, bolts, nuts, washers and steel pipe.

Holes in the precast concrete flared end sections shall be cored to the diameters noted. If cone-out on the other end of the hole occurs, the hole shall be filled with grout to correct the diameter of the hole.

REVISIONS	DATE

GRATING FOR CONCRETE FLARED END SECTIONS (24"-54")

SHEET 1 OF 2



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CHECKED - DIK	REVISED -
DATE - 2/28/2023	REVISED -

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

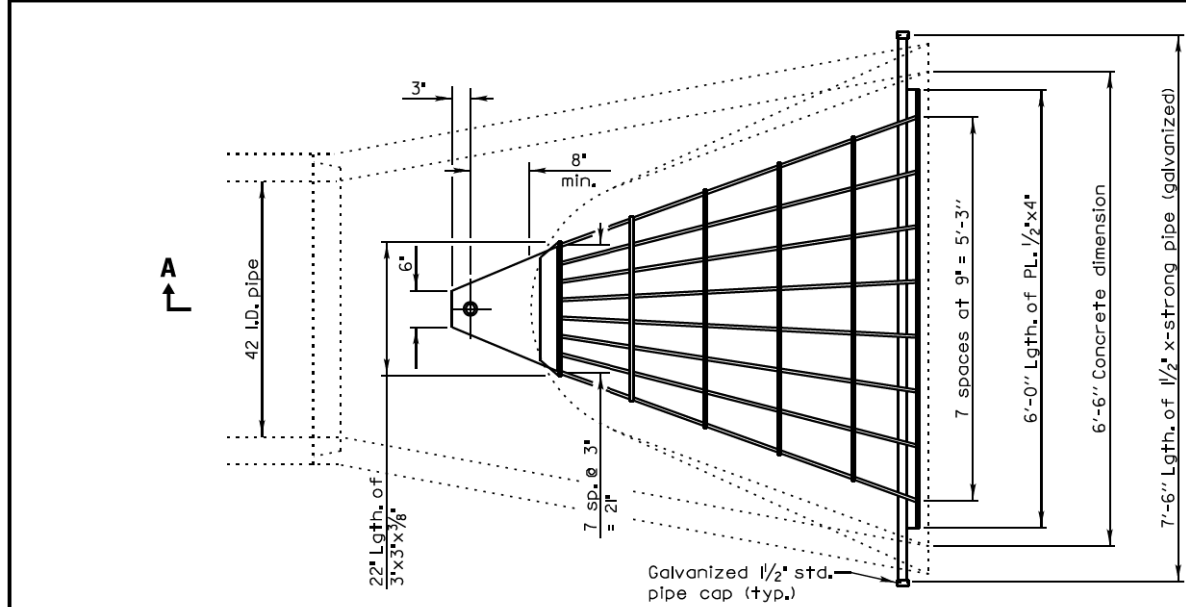
CONSTRUCTION DETAILS

SHEET 7 OF 10 SHEETS

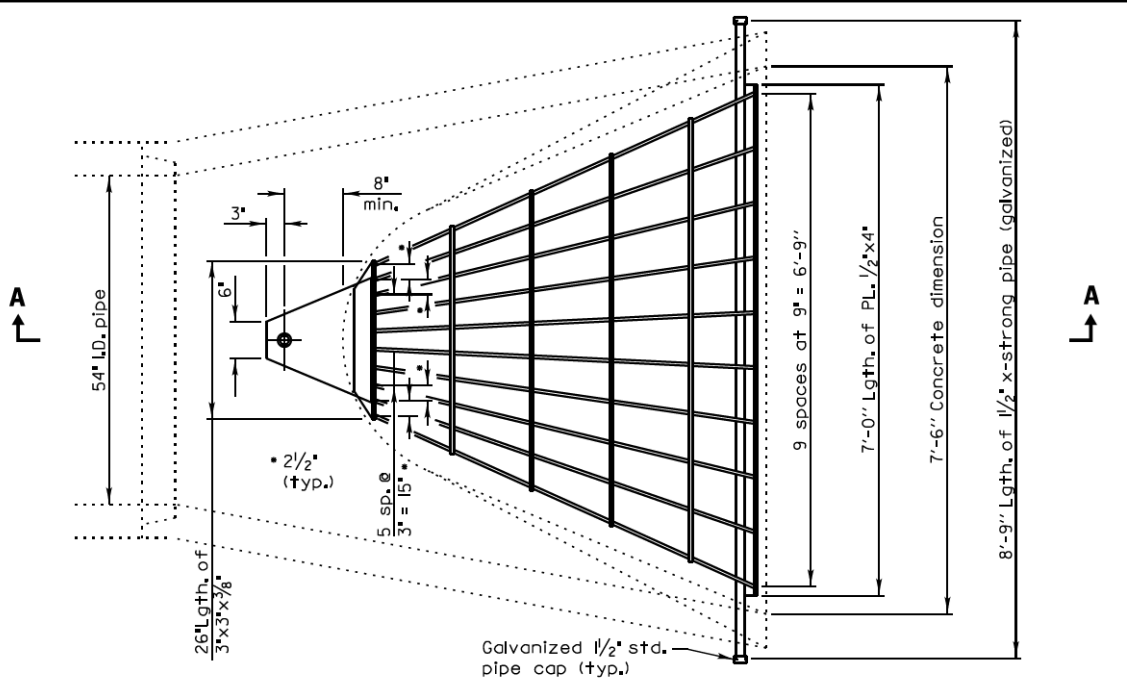
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ILLINOIS			CONTRACT NO. 61109	

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	PLOTTED		
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	NOTE BOOK		
	NO.		
	FILE NAME		

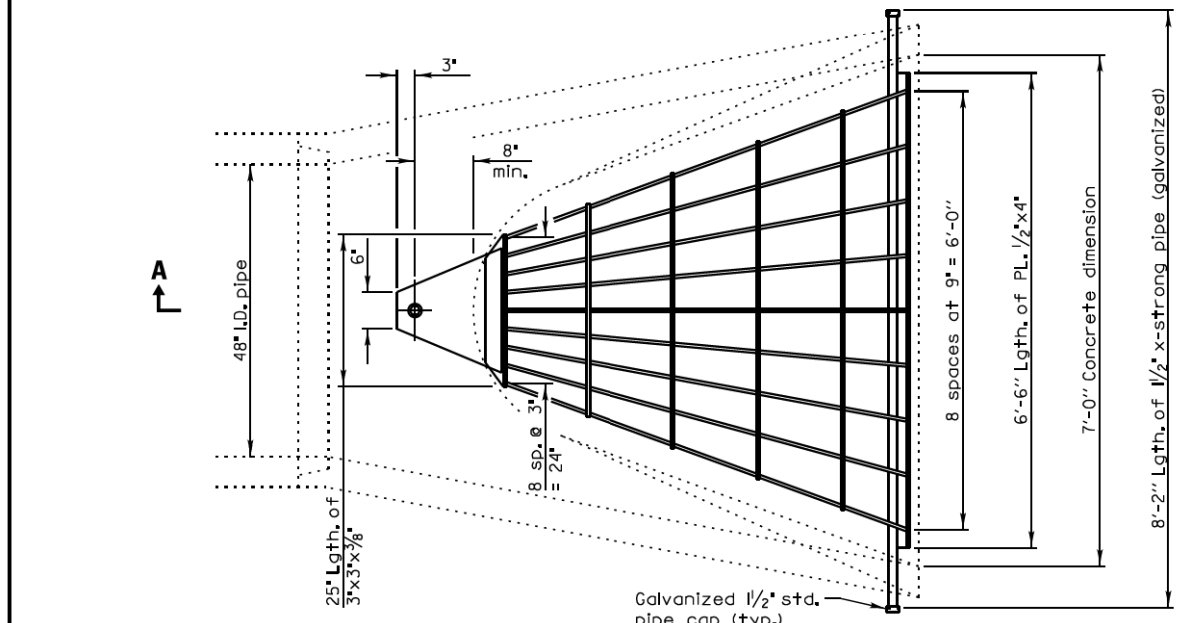
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	FILE NAME		



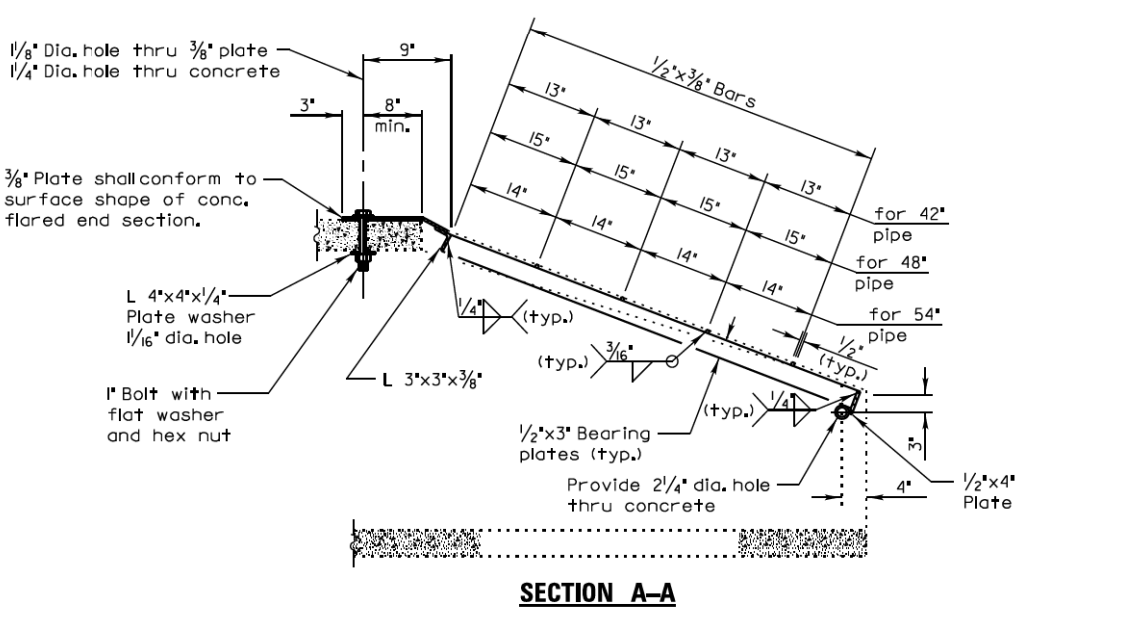
PLAN
Quantity of steel= 320 lbs.



PLAN
Quantity of steel= 425 lbs.



PLAN
Quantity of steel= 400 lbs.



SECTION A-A

REVISIONS	DATE		

GRATING FOR CONCRETE FLARED END SECTIONS (24"-54")

SHEET 2 OF 2

MODEL: SHODLNAME
FILE NAME: ...137-deta13572-Deta1



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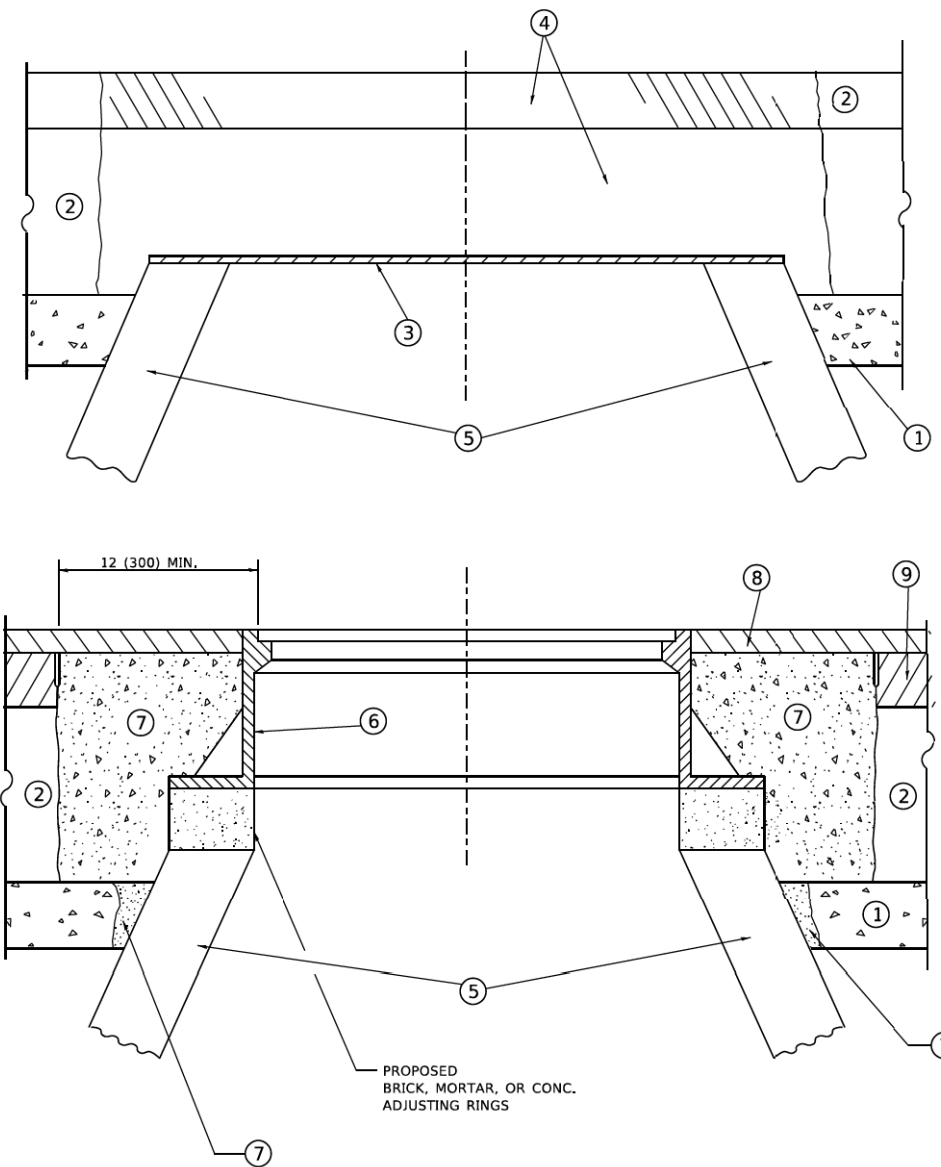
DESIGNED -	KDC	REVISED -	
DRAWN -	KDC	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	2/28/2023	REVISED -	

**VILLAGE OF SCHAUMBURG /
VILLAGE OF ROSELLE**

CONSTRUCTION DETAILS

SHEET 8 OF 10 SHEETS

MUN/TR R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666/0092	18-00132-00-PV	COOK / DUPAGE	177	126
ILLINOIS			CONTRACT NO. 61109	



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS*PP-1 CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

NOTES

- 1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

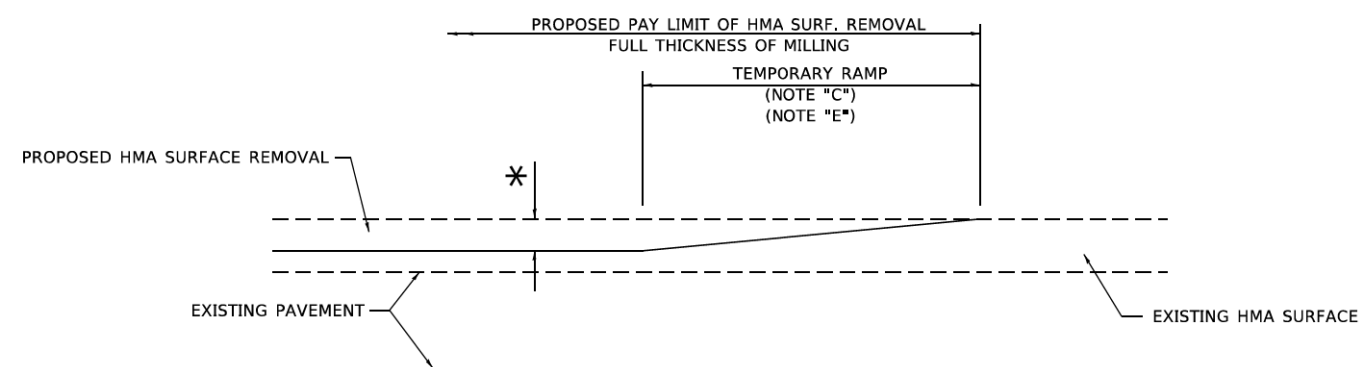
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

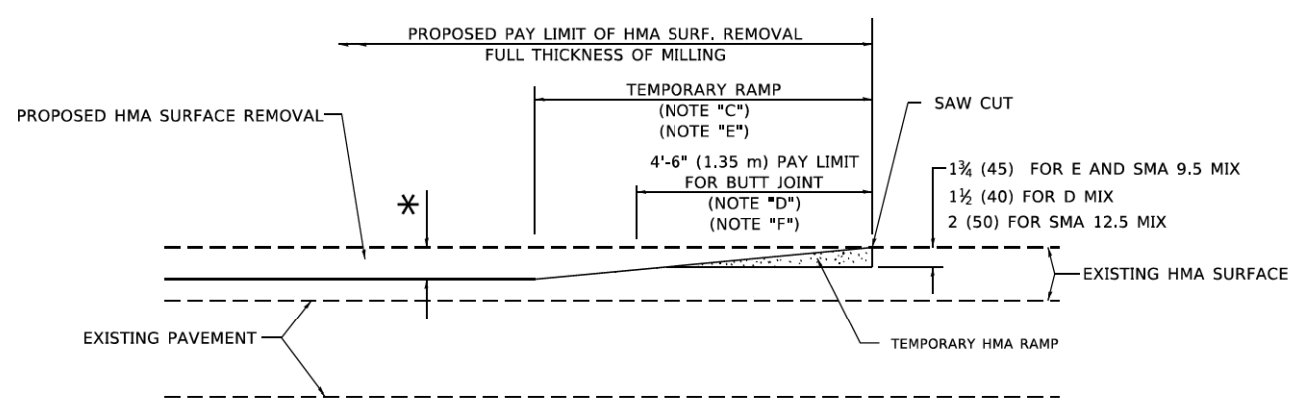
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0606 /0092	18-00132-00-PV	COOK / DUPAGE	177	127
BD600-03 (BD-08)			CONTRACT NO. 61J09	
ILLINOIS FED. AID PROJECT				

MODEL: Default
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PROJECT: 18-00132-00-PV
DRAWN: R. SHAH
CHECKED: R. BORO
DATE: 10-25-94
REVISIONS:
REVISED - R. BORO 01-01-07
REVISED - R. BORO 03-09-11
REVISED - R. BORO 12-06-11
REVISED - K. SMITH 11-18-22



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

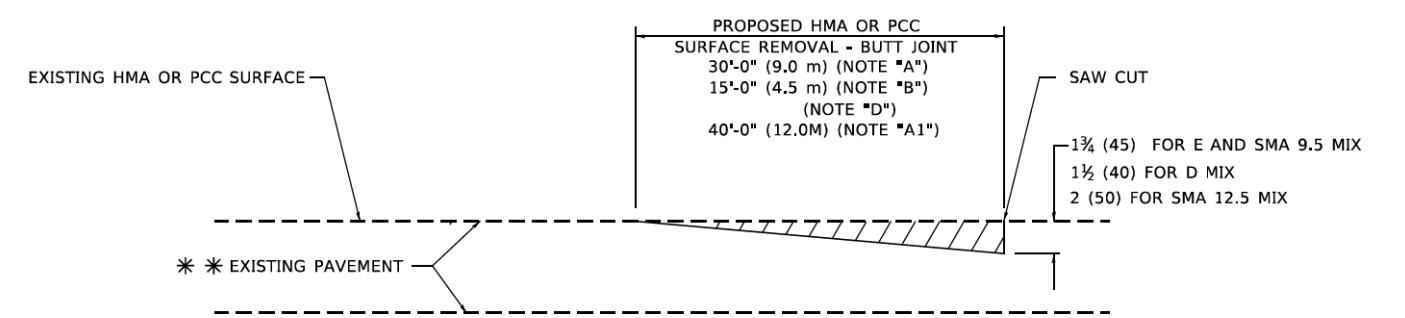
OPTION 1



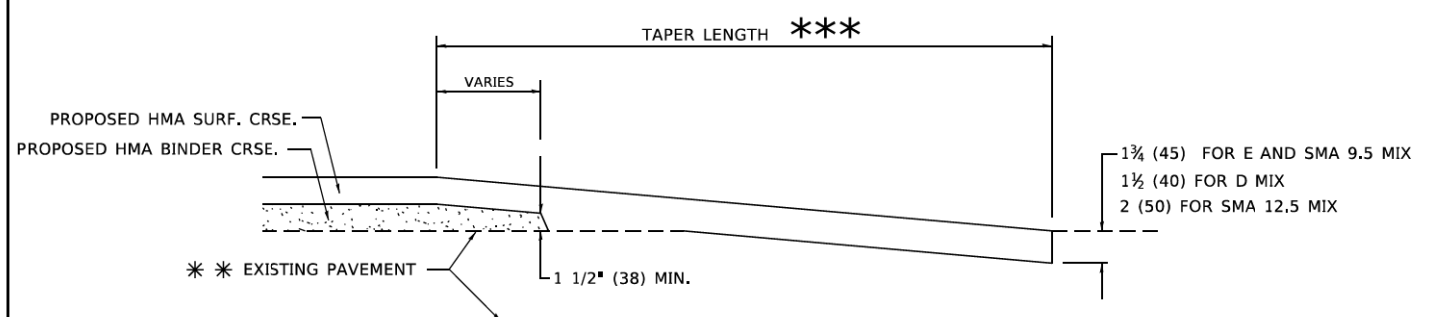
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

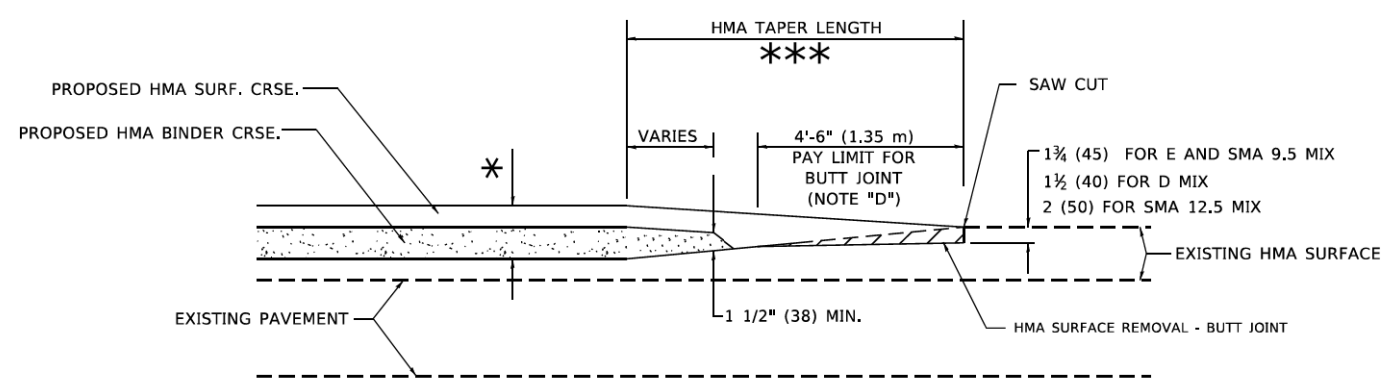
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4' (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

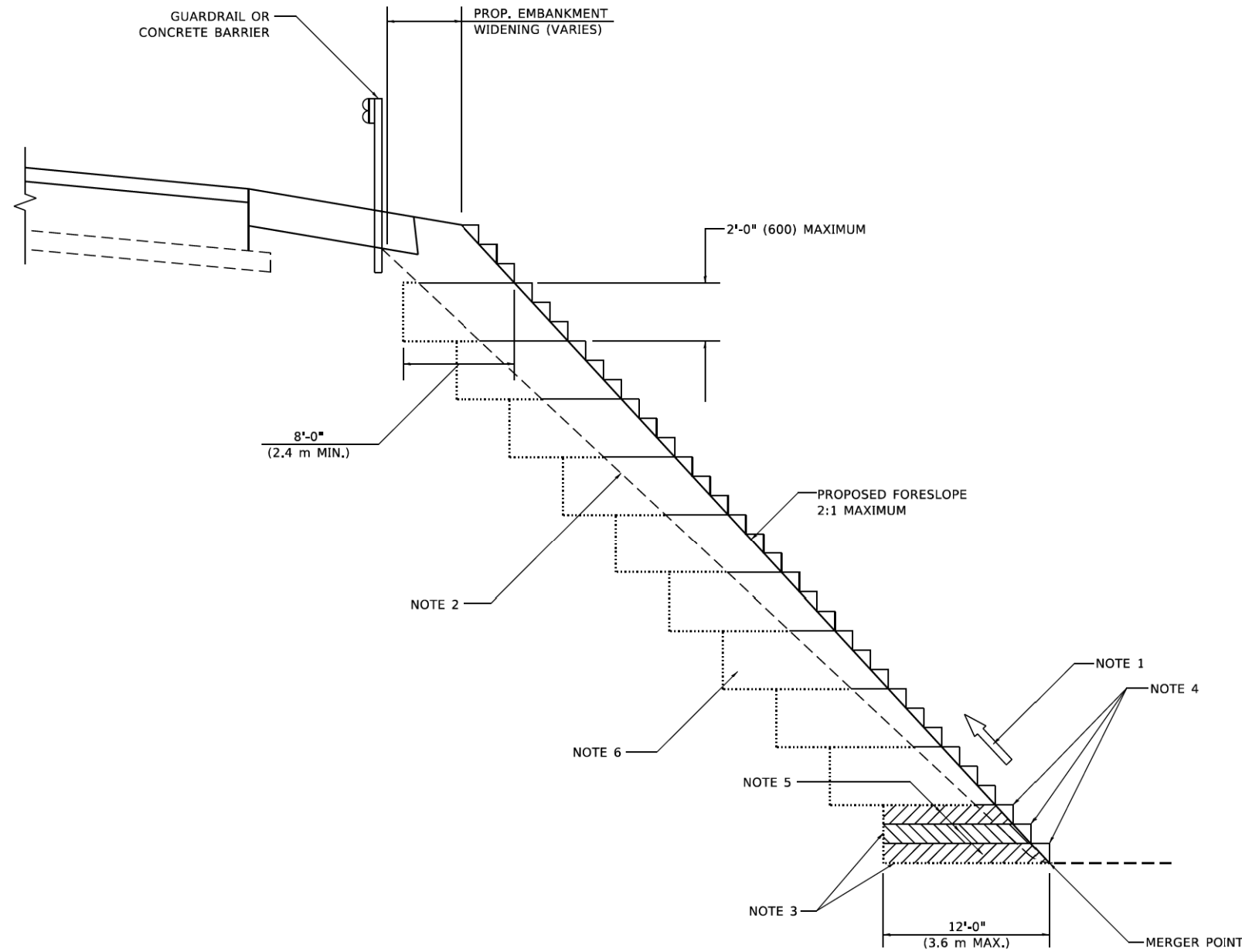
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SHEET: 128 OF 177

USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / In.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

MUN/RTA	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0606/0092	18-00132-00-PV	COOK / DUPAGE	177	128
BD400-05 BD-32		CONTRACT NO. 61109		
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

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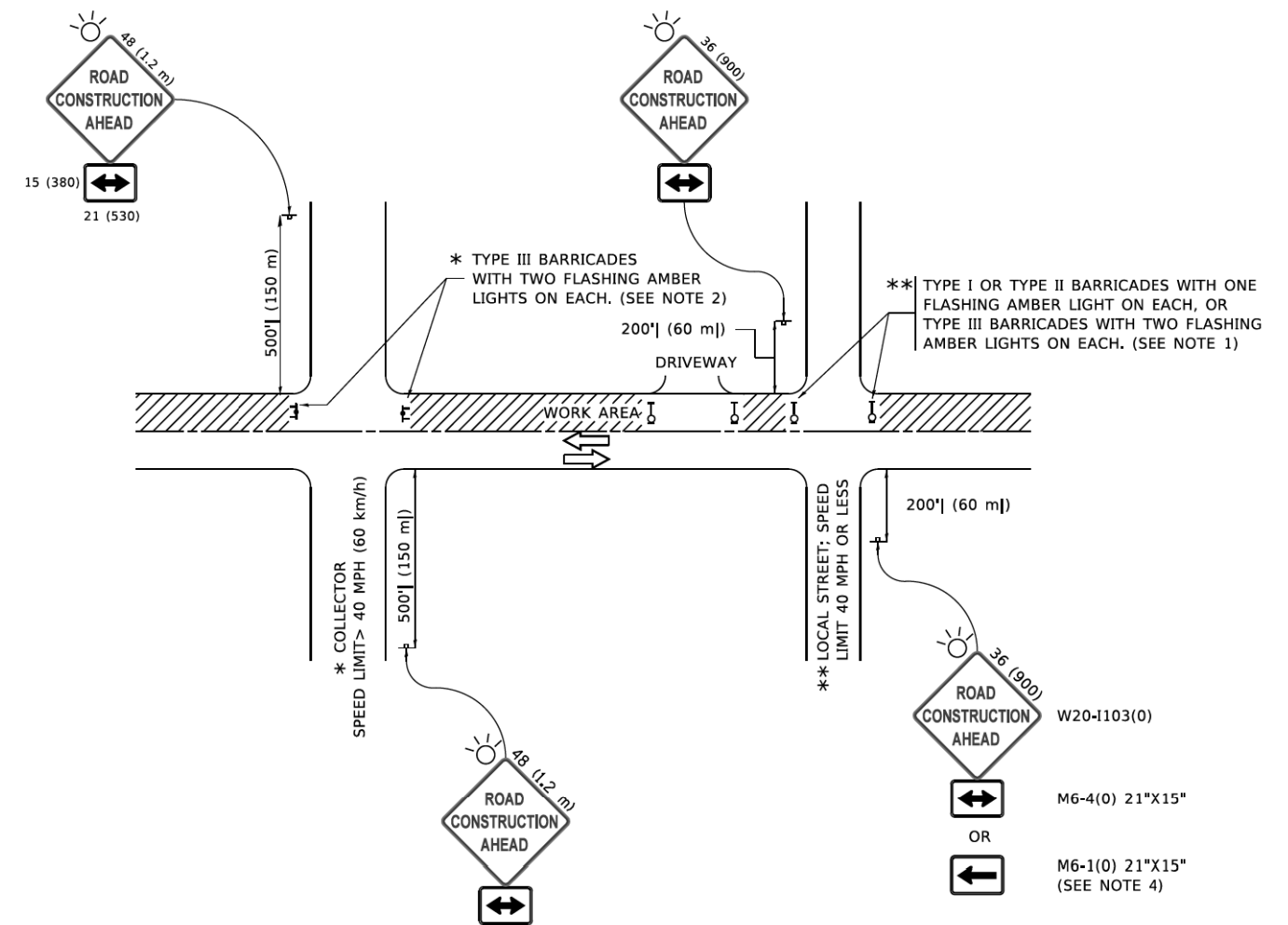
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	DRAWN - CADD	REVISED -
PLOT SCALE = 100.0000' / In.	CHECKED - S.E.B.	REVISED -
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

MUN/TR RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0606 7092	18-00132-00-PV	COOK / DUPAGE	177	129
BD-51		CONTRACT NO. 61109		
ILLINOIS FED. AID PROJECT				



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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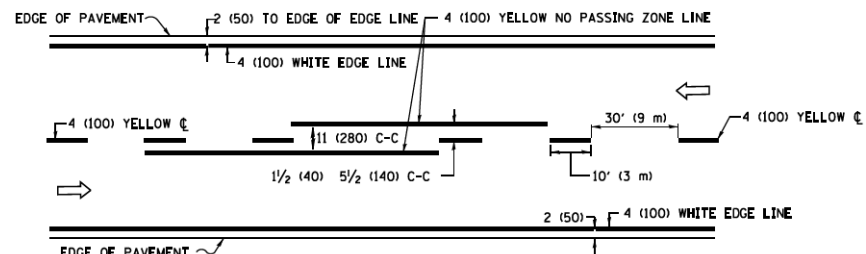
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

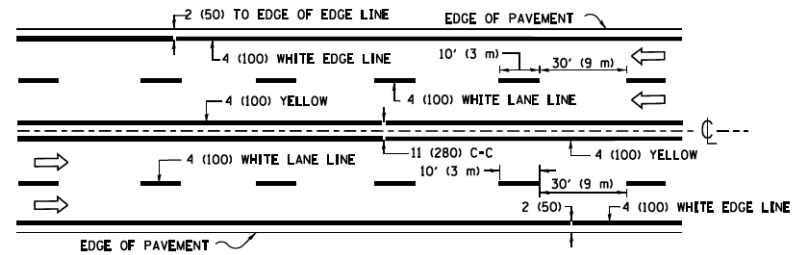
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

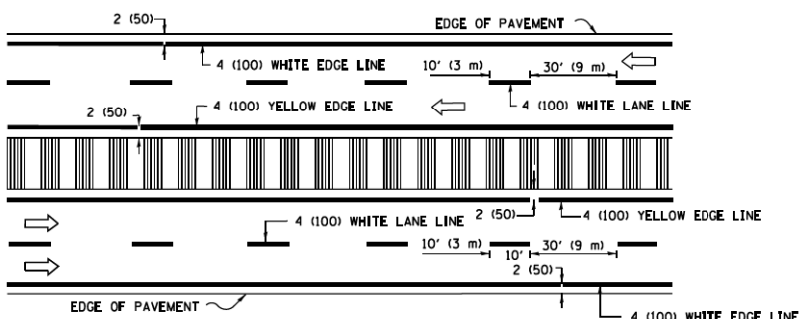
MUN/TRA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0606 /0092	18-00132-00-PV	COOK / DUPAGE	177	130
TC-10			CONTRACT NO. 61J09	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

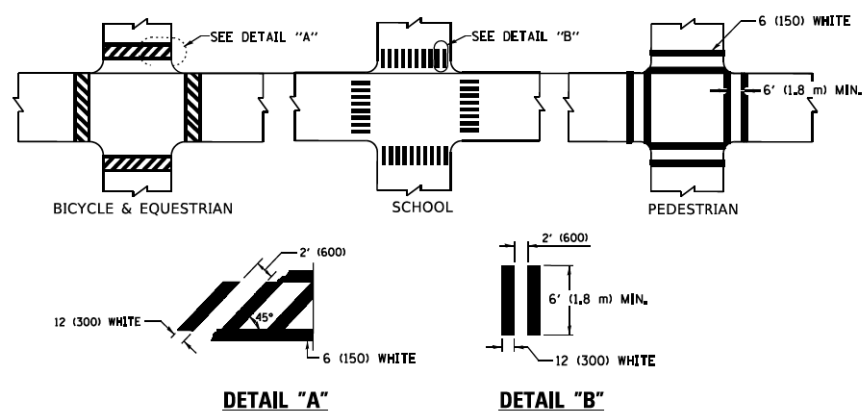


MULTI-LANE UNDIVIDED



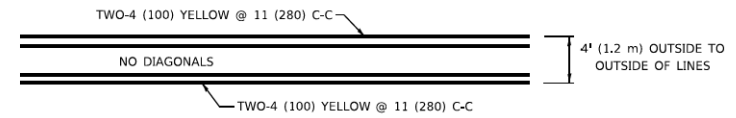
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

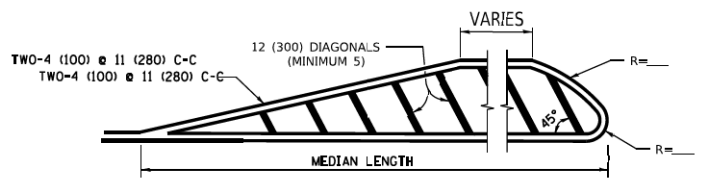


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

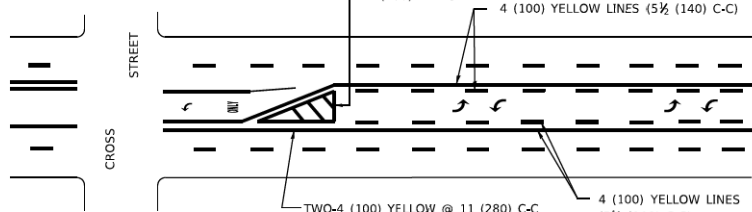


4' (1.2 m) WIDE MEDIANS ONLY



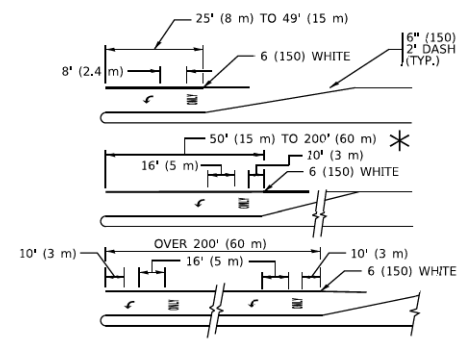
MEDIANS OVER 4' (1.2 m) WIDE

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



MEDIAN WITH TWO-WAY LEFT TURN LANE

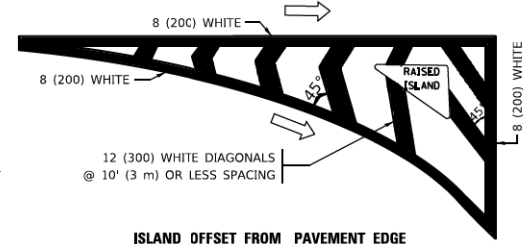
TYPICAL PAINTED MEDIAN MARKING



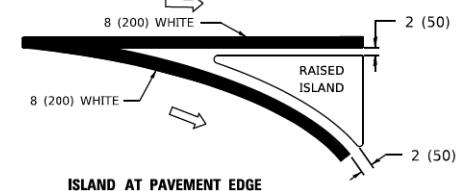
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - *ONLY* INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - *ONLY*.

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

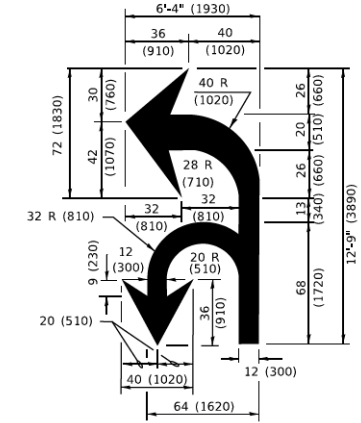


ISLAND OFFSET FROM PAVEMENT EDGE

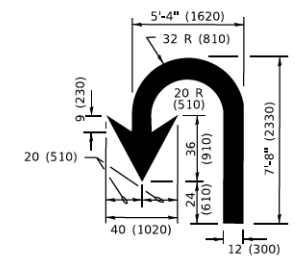


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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 MEDIANS IN YELLOW
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.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: *RR* 15' 6" (1.8 m) LETTERS; 16 (400) LINE FOR *X*	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R* = 3.6 SQ. FT. (0.33 m ²) EACH *X* = 54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		MUN/TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		0606	18-00132-00-PV	COOK / DUPAGE	177	131
SCALE: NONE		TC-13		CONTRACT NO. 61J09		
SHEET 1 OF 2 SHEETS		STA. TO STA.		ILLINOIS / FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

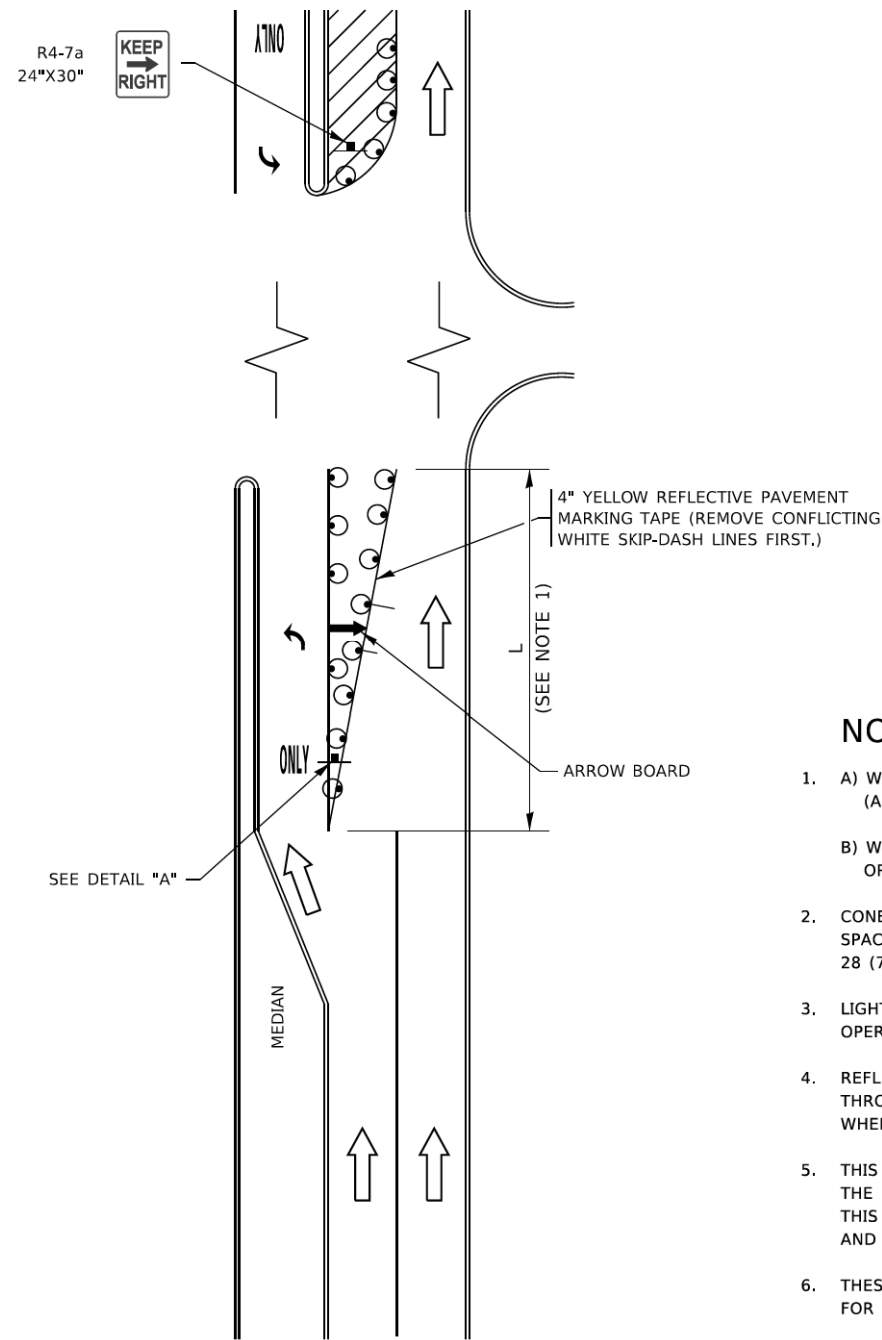


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

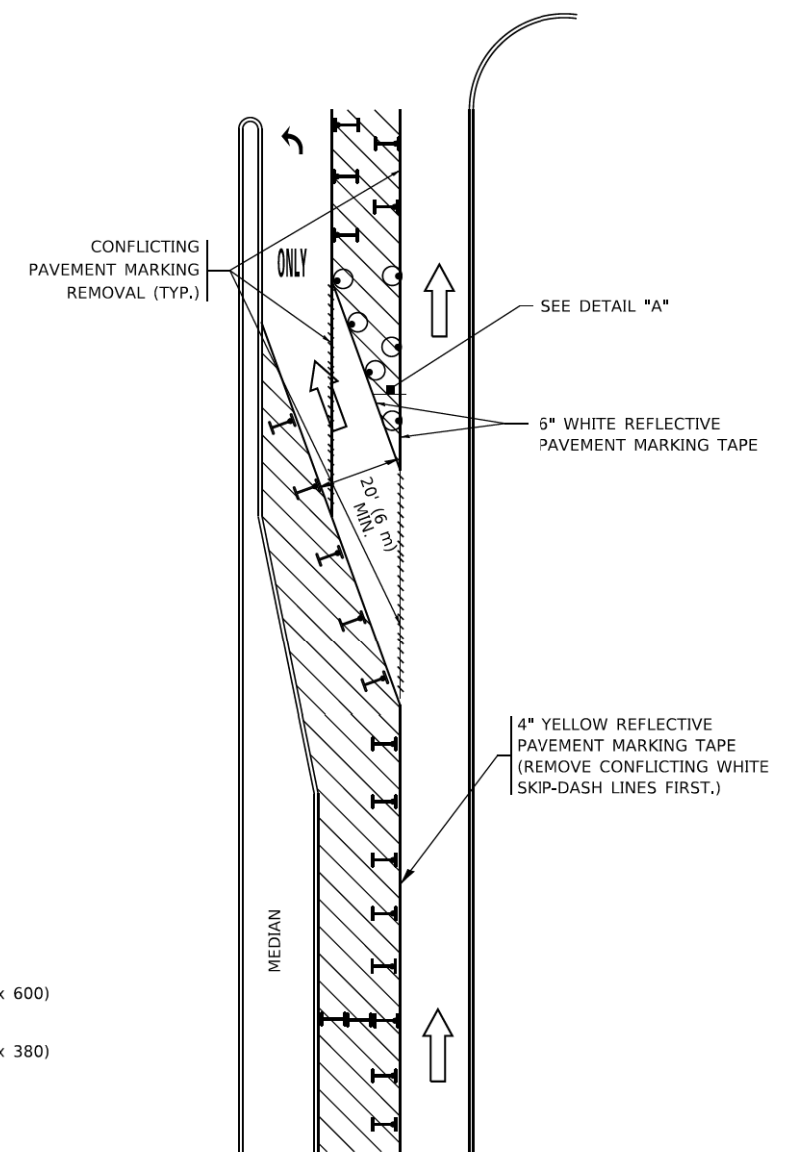


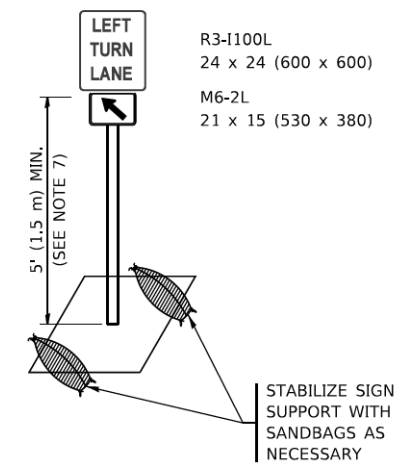
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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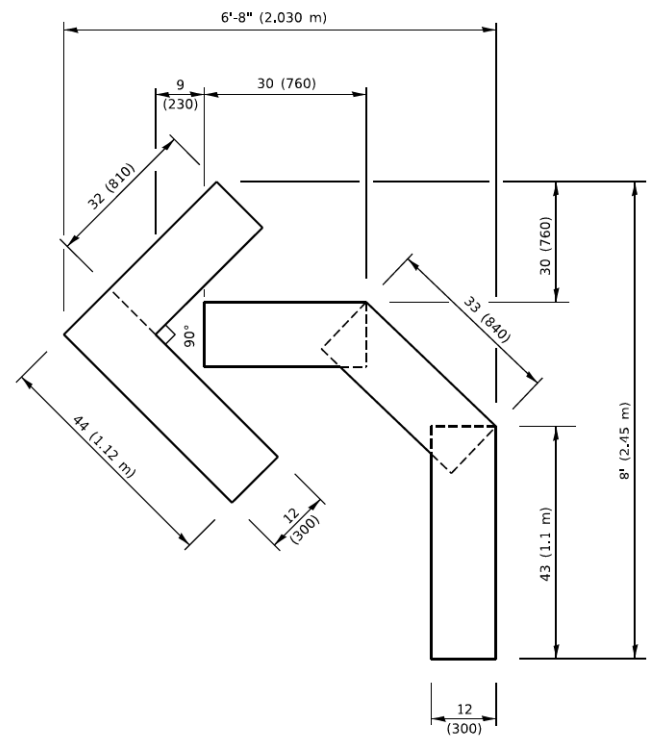
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PLOT SCALE = 50.0000" / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

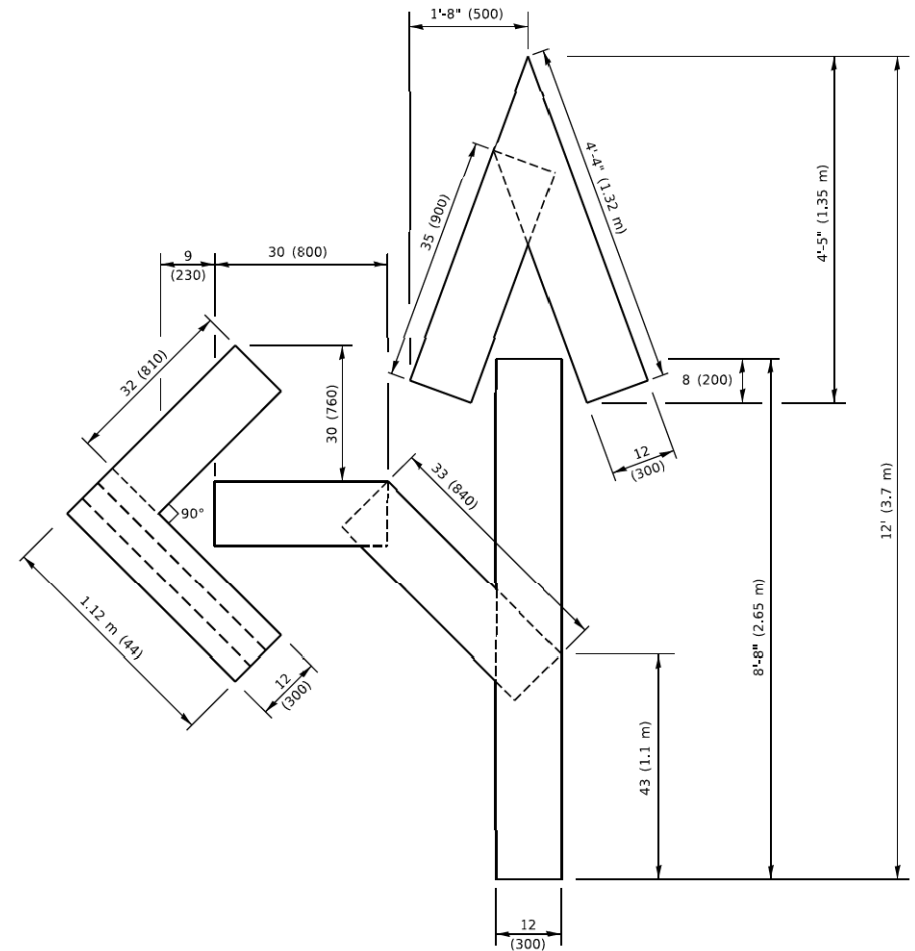
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

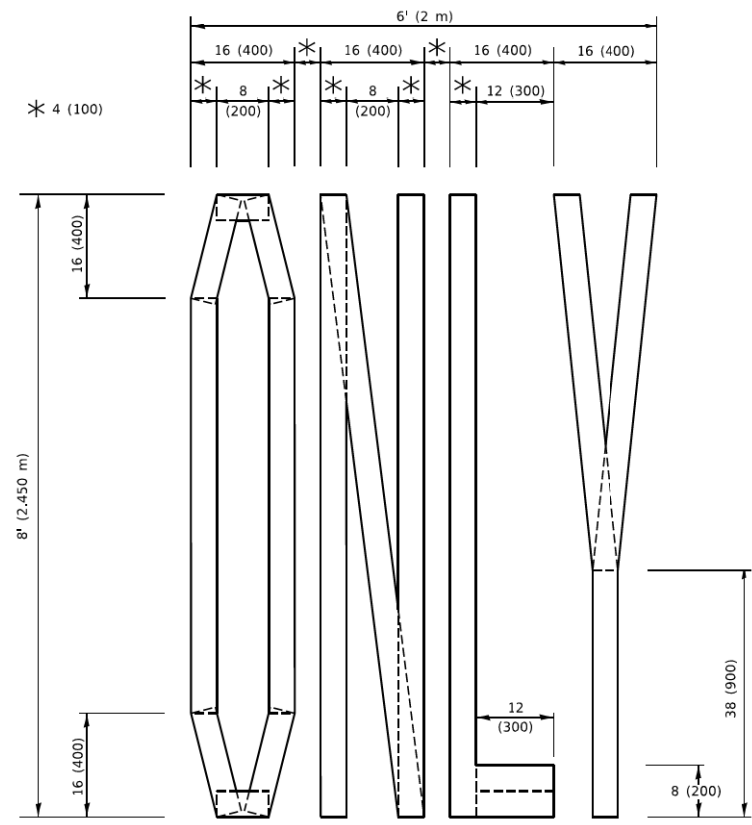
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TC-14		CONTRACT NO. 61J09		
ILLINOIS FED. AID PROJECT				



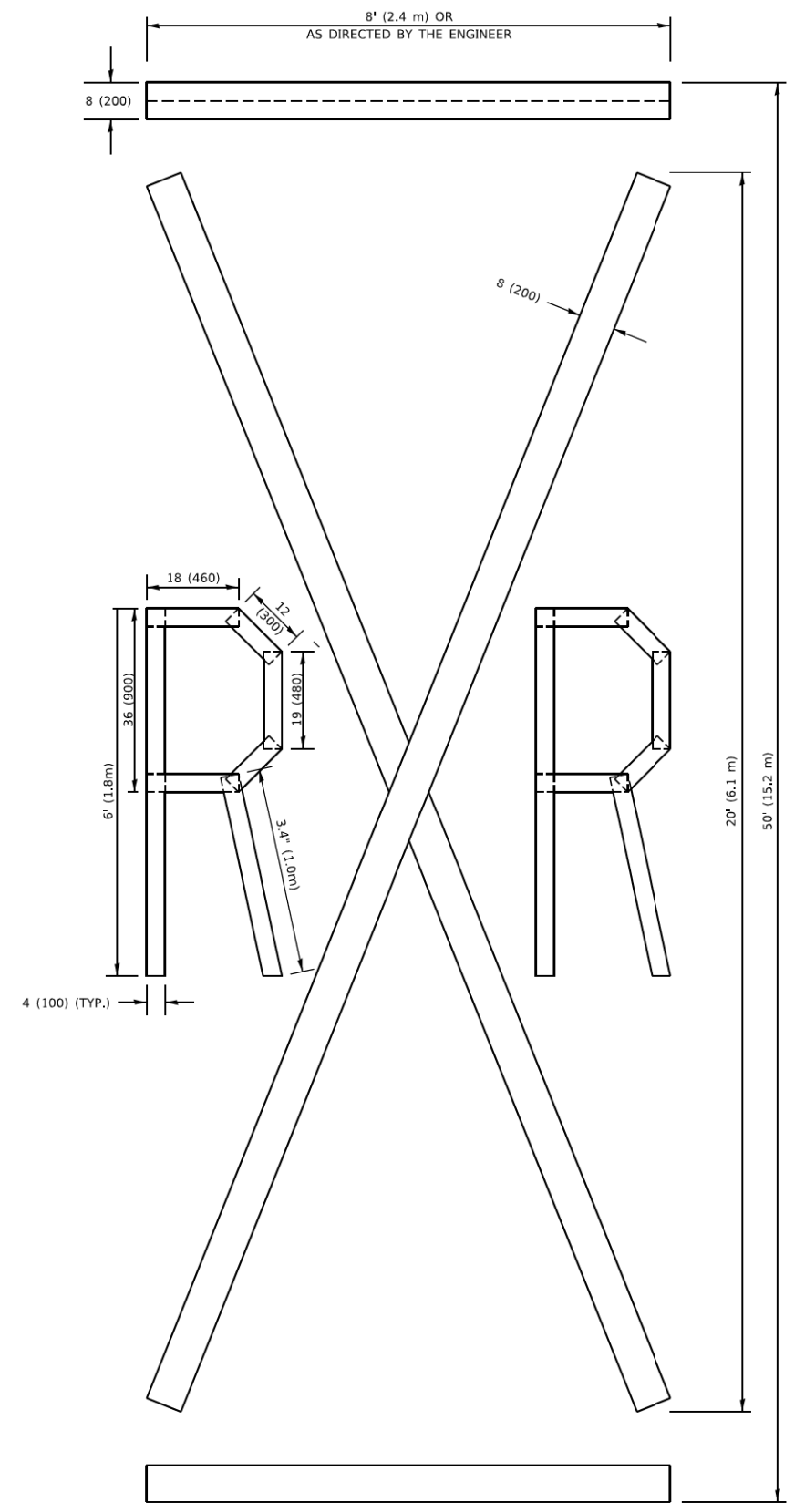
QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

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

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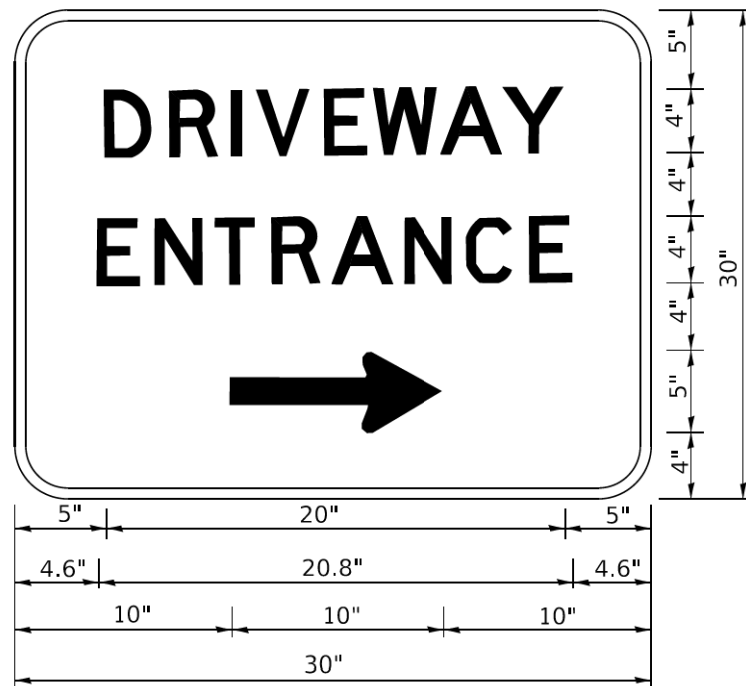
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / In.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

MUN/TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666 /0092	18-00132-00-PV	COOK / DUPAGE	177	133
TC-16		CONTRACT NO. 61109		
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL Default
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USER NAME = footemj	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 1 / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

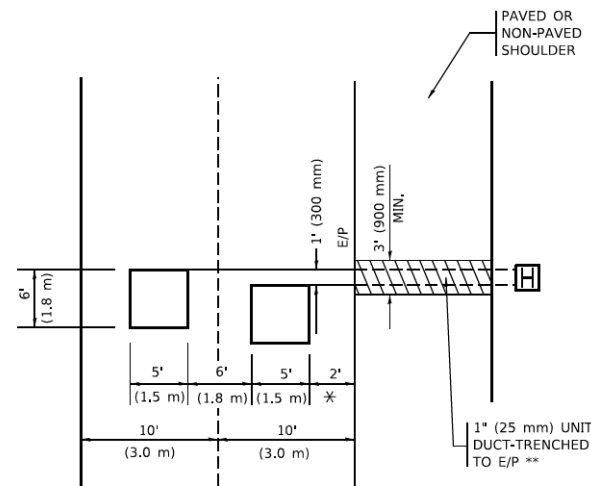
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

MUN/TR RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0606 7092	18-00132-00-PV	COOK / DUPAGE	177	134
TC-26			CONTRACT NO. 61109	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

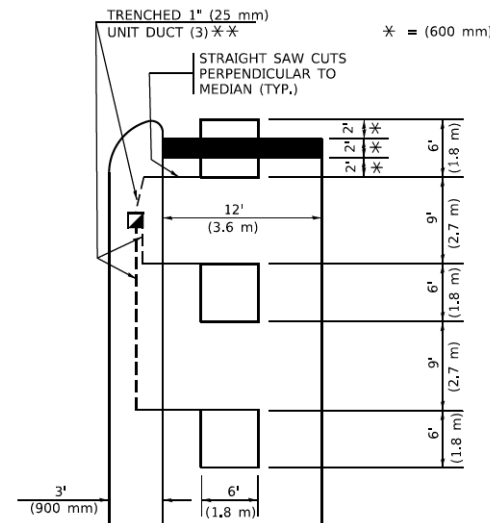


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

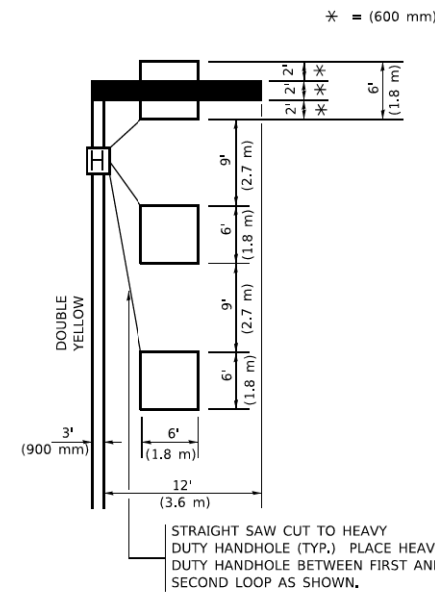


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

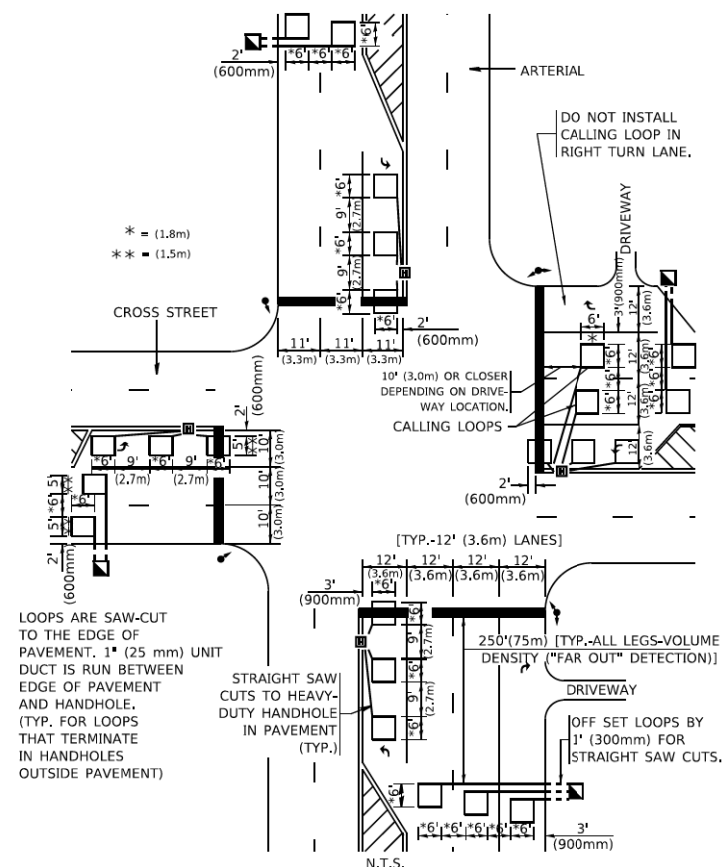
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

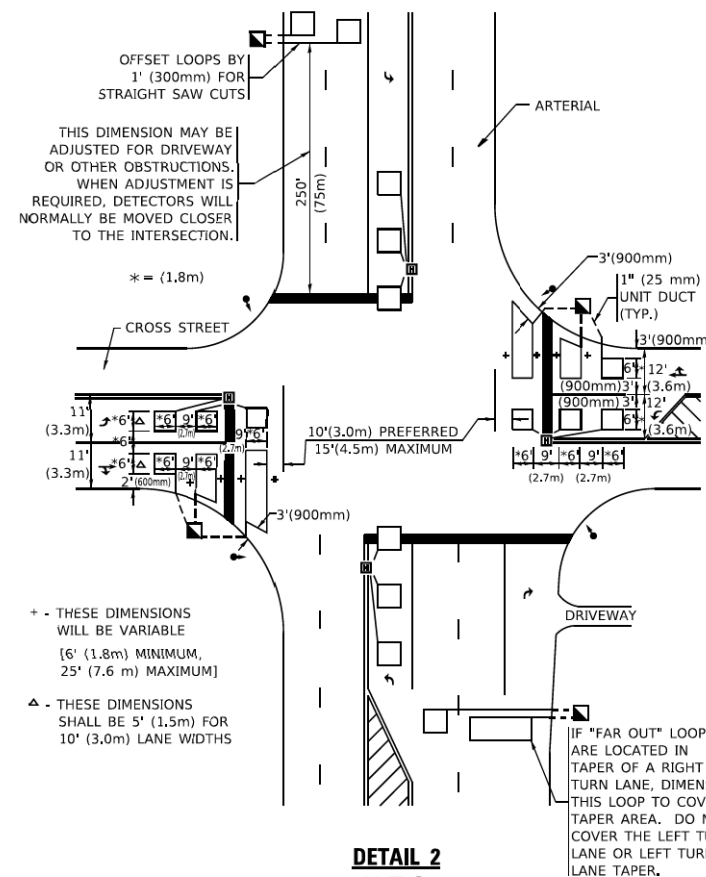
ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



* = (1.8m)
 ** = (1.5m)

DETAIL 1
 N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

* = (1.8m)

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
 N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

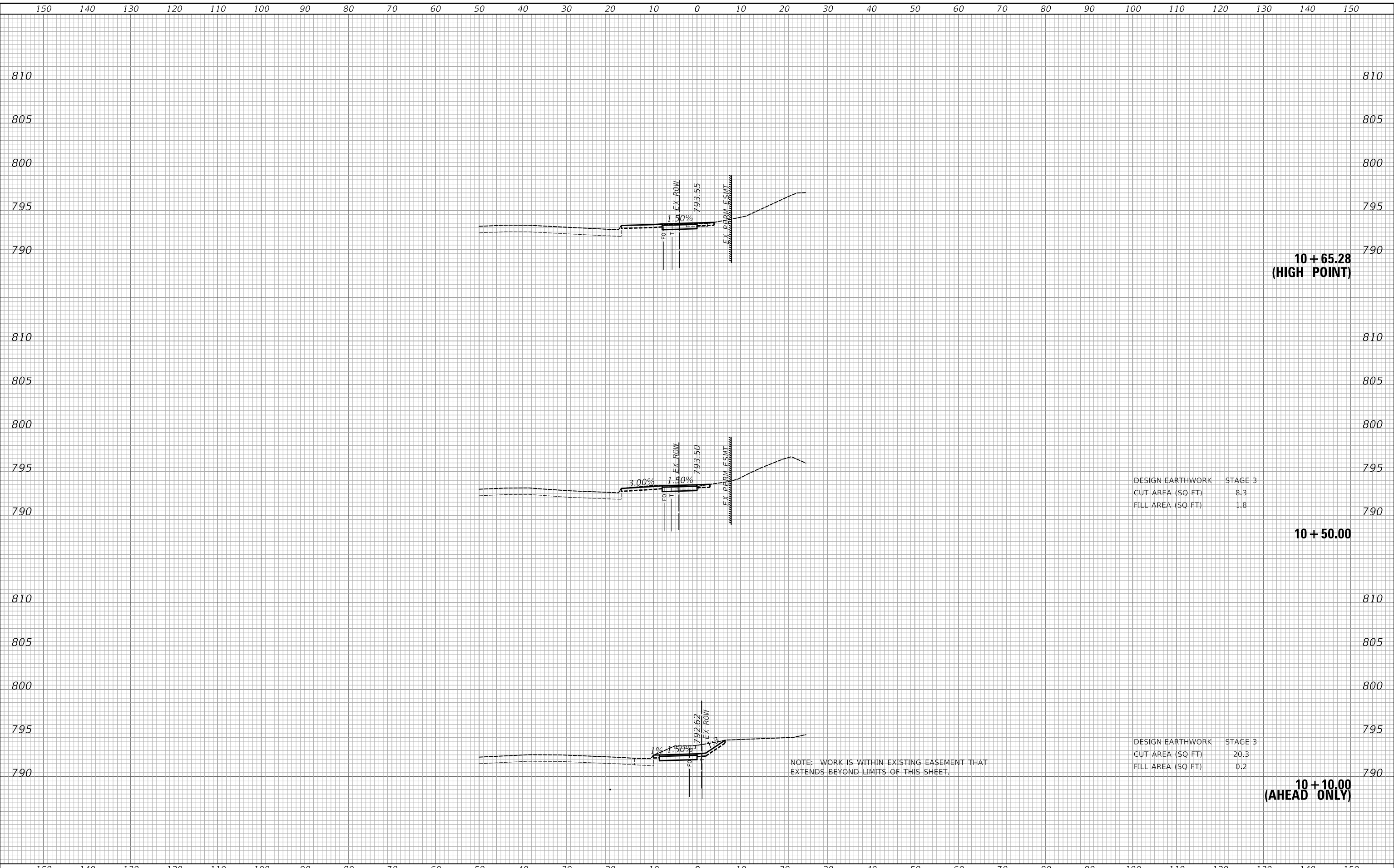
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

MUNICIPALITY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0806/0092	18-00132-00-PV	COOK / DUPAGE	177	135
TS-07		CONTRACT NO. 61J09		
ILLINOIS / FED. AID PROJECT				

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 3
CUT AREA (SQ FT)	8.3
FILL AREA (SQ FT)	1.8

DESIGN EARTHWORK	STAGE 3
CUT AREA (SQ FT)	20.3
FILL AREA (SQ FT)	0.2

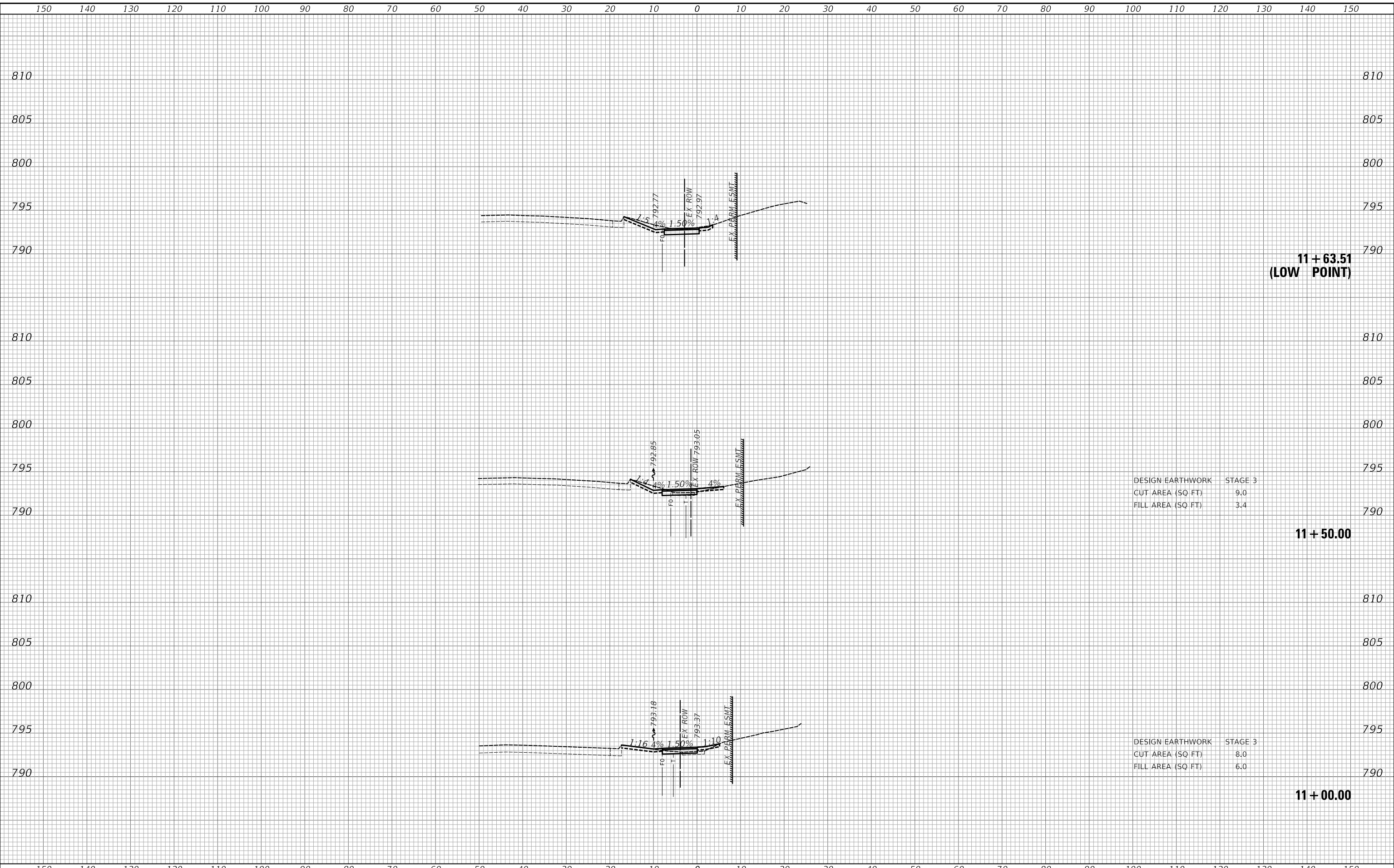
NOTE: WORK IS WITHIN EXISTING EASEMENT THAT EXTENDS BEYOND LIMITS OF THIS SHEET.

USER NAME = djc	DESIGNED - KDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				TR RTE. 0092	SECTION 18-00132-00-PV	COUNTY COOK / DUPAGE	TOTAL SHEETS 177	SHEET NO. 136
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -		SCALE: 1"=10'H/5'V	SHEET 1	OF 42 SHEETS	STA. 10+10.00	TO STA. 10+65.28	CONTRACT NO. 61109			
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -		ILLINOIS FED. AID PROJECT								

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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FILE NAME: ...372581_xcg_Rosenburg.dgn



**11 + 63.51
(LOW POINT)**

DESIGN EARTHWORK	STAGE 3
CUT AREA (SQ FT)	9.0
FILL AREA (SQ FT)	3.4

11 + 50.00

DESIGN EARTHWORK	STAGE 3
CUT AREA (SQ FT)	8.0
FILL AREA (SQ FT)	6.0

11 + 00.00

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 2 OF 42 SHEETS STA. 11+00.00 TO STA. 11+63.51

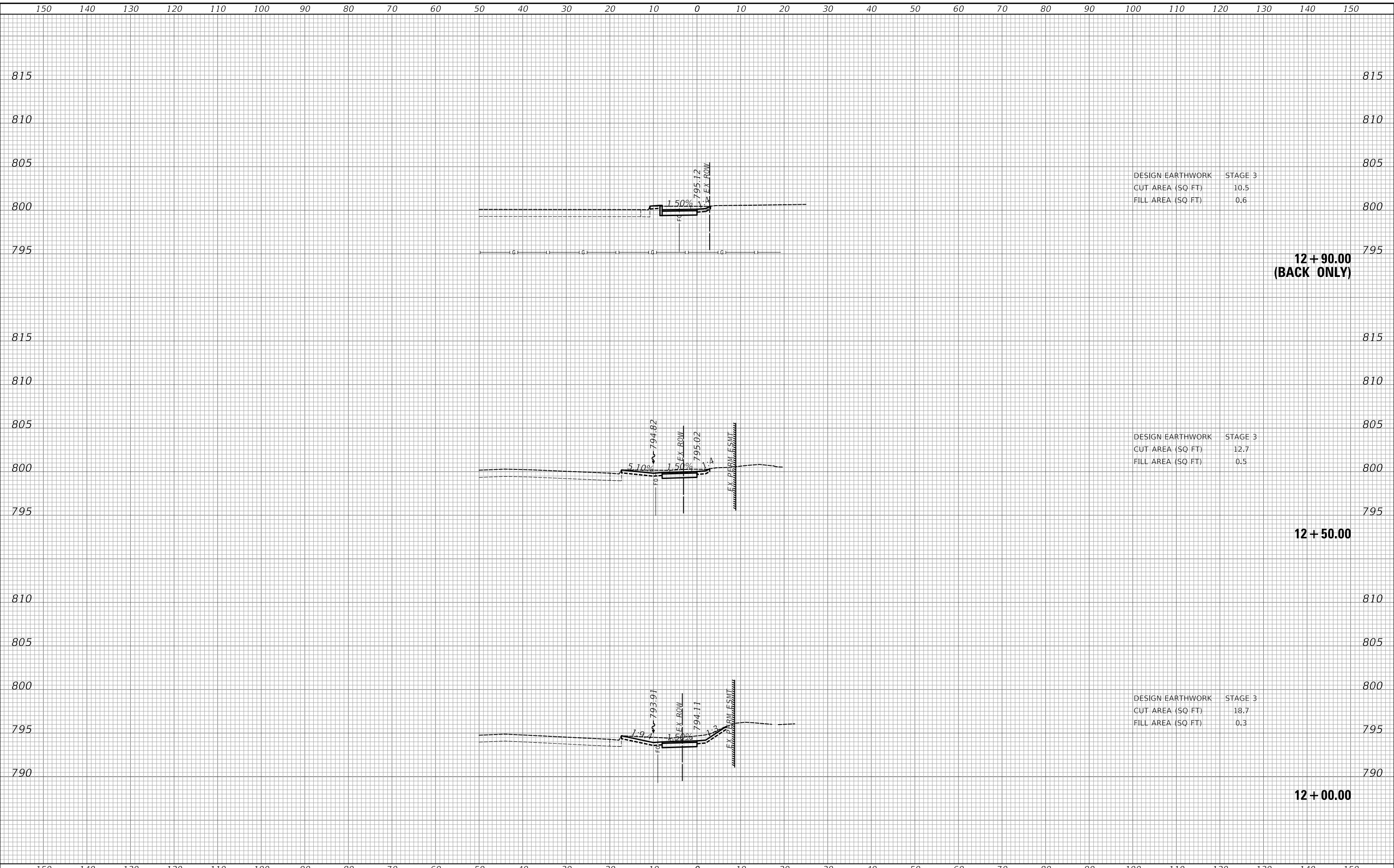
TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	137
			CONTRACT NO. 61109	

ILLINOIS FED. AID PROJECT

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: S:\MODEL\AMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK STAGE 3
CUT AREA (SQ FT) 10.5
FILL AREA (SQ FT) 0.6

DESIGN EARTHWORK STAGE 3
CUT AREA (SQ FT) 12.7
FILL AREA (SQ FT) 0.5

DESIGN EARTHWORK STAGE 3
CUT AREA (SQ FT) 18.7
FILL AREA (SQ FT) 0.3

**12 + 90.00
(BACK ONLY)**

12 + 50.00

12 + 00.00

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

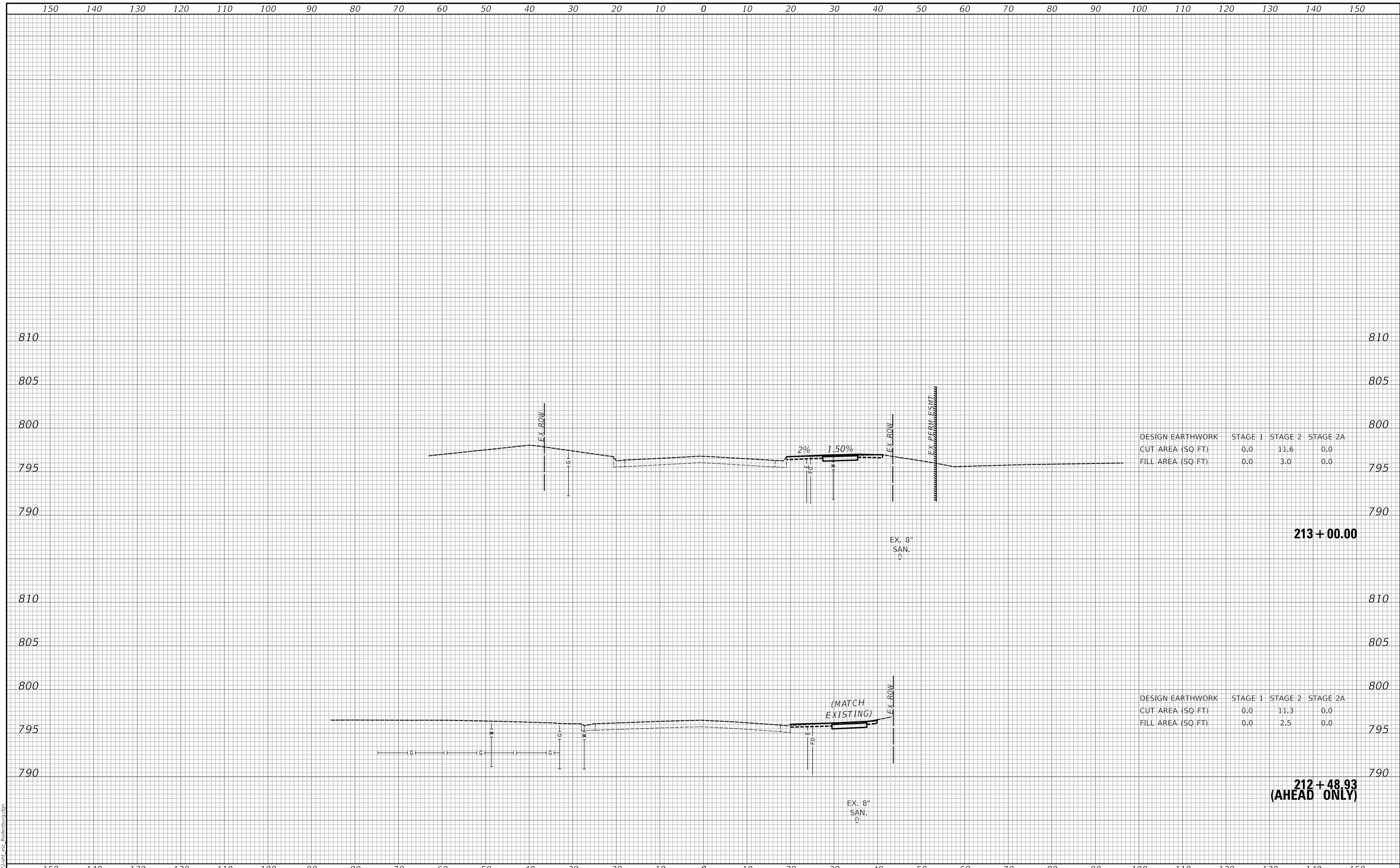
SCALE: 1"=10'H/5'V SHEET 3 OF 42 SHEETS STA. 12+00.00 TO STA. 12+90.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	138
				CONTRACT NO. 61109
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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FILE NAME: ...3172581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	11.6	0.0
FILL AREA (SQ FT)	0.0	3.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	11.3	0.0
FILL AREA (SQ FT)	0.0	2.5	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 4 OF 42 SHEETS STA. 212+48.93 TO STA. 213+00.00

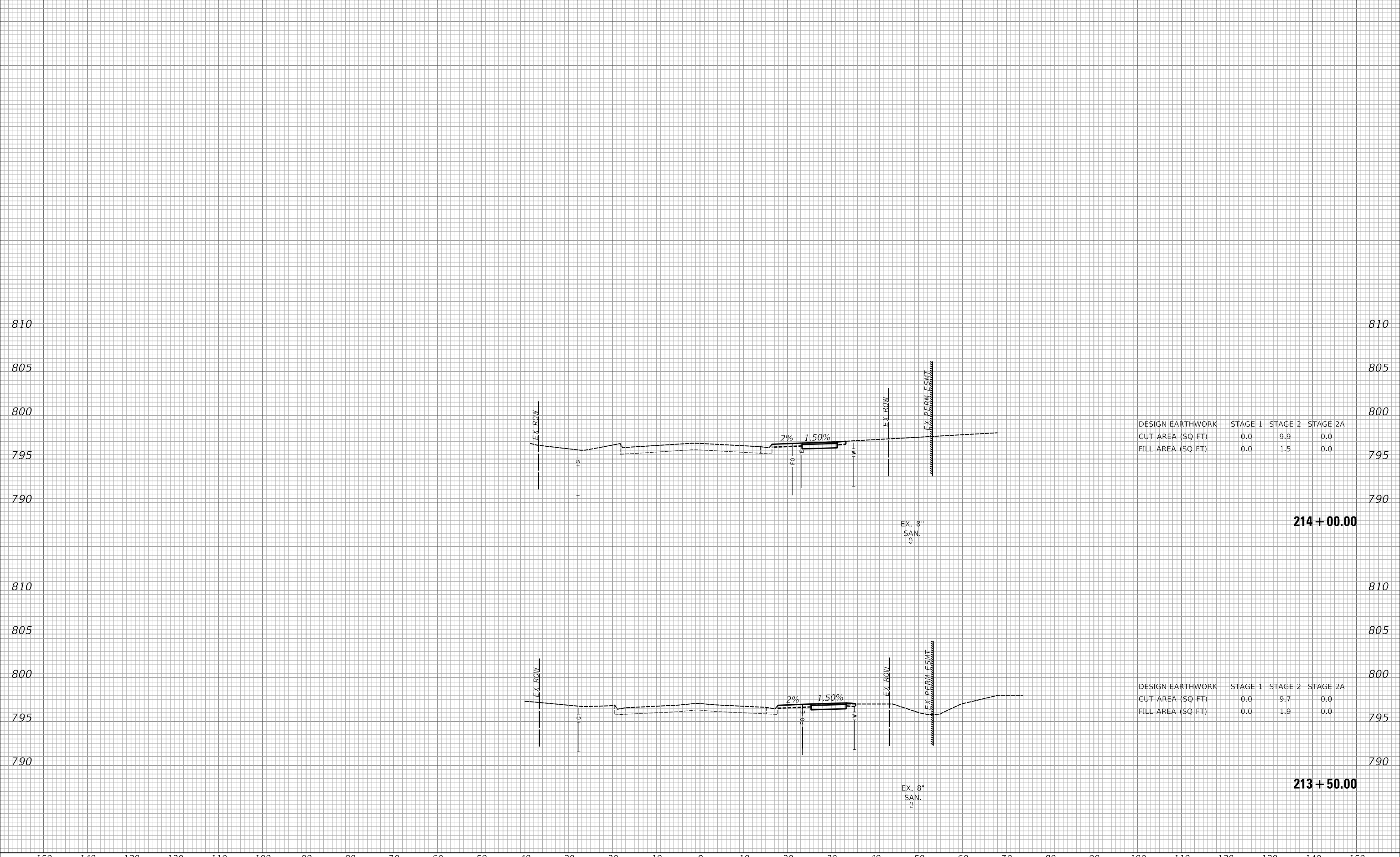
TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	139
			CONTRACT NO. 61J09	
			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	9.9	0.0
FILL AREA (SQ FT)	0.0	1.5	0.0

214 + 00.00

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	9.7	0.0
FILL AREA (SQ FT)	0.0	1.9	0.0

213 + 50.00

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

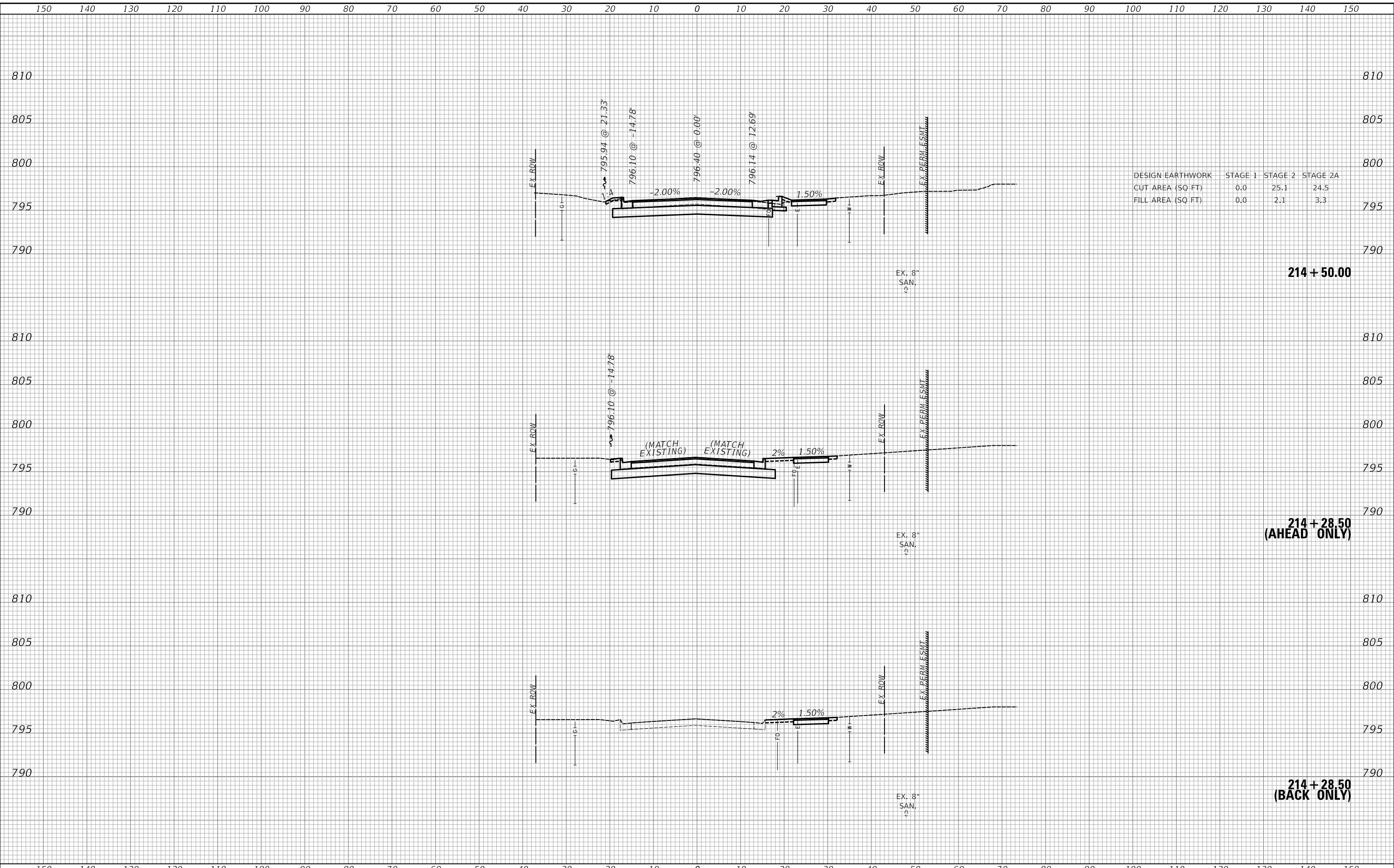
SCALE: 1"=10'H/5'V SHEET 5 OF 42 SHEETS STA. 213+50.00 TO STA. 214+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	140
				CONTRACT NO. 61109
		ILLINOIS	FED. AID PROJECT	

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	25.1	24.5
FILL AREA (SQ FT)	0.0	2.1	3.3

214 + 50.00

**214 + 28.50
(AHEAD ONLY)**

**214 + 28.50
(BACK ONLY)**

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 6 OF 42 SHEETS STA. 214+28.50 TO STA. 214+50.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	141
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	44.4	23.7
FILL AREA (SQ FT)	0.0	2.7	3.8

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

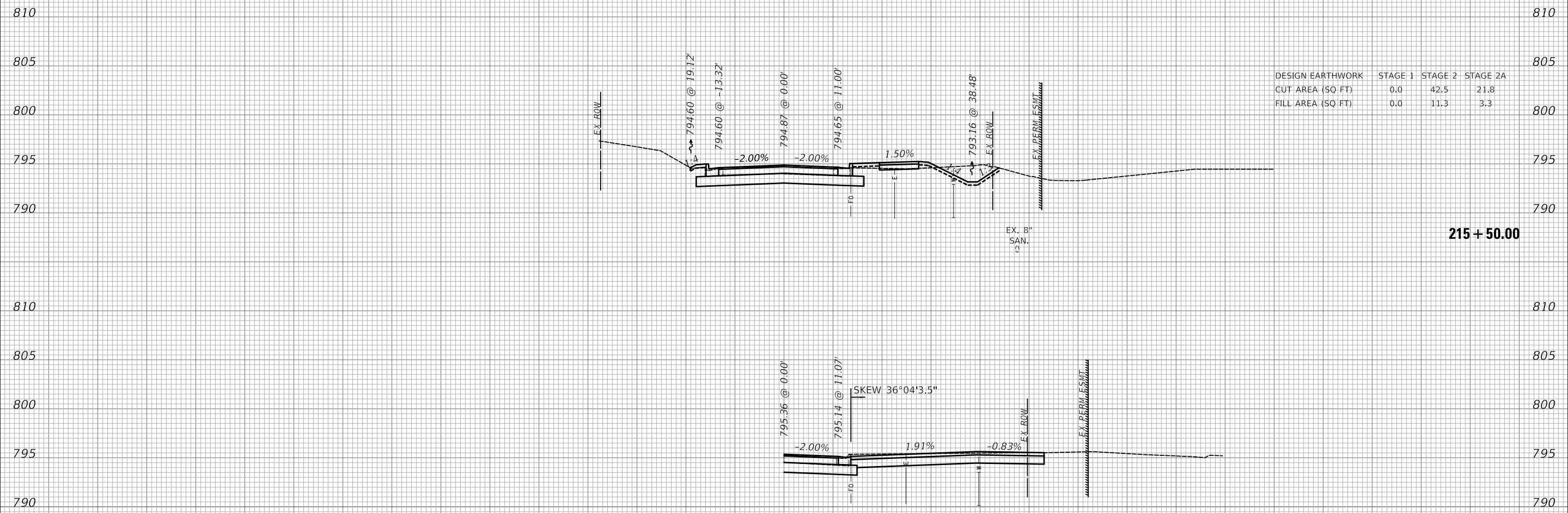
SCALE: 1"=10'H/5'V SHEET 7 OF 42 SHEETS STA. 214+58.00 TO STA. 215+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	142
				CONTRACT NO. 61109
		ILLINOIS	FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	0.0	42.5	21.8
FILL AREA (SQ FT)	0.0	11.3	3.3

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USER NAME = djk	DESIGNED - KDC	REvised -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REvised -
PLOT DATE = 3/29/2023	CHECKED - DJK	REvised -
	DATE - 2/28/2023	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

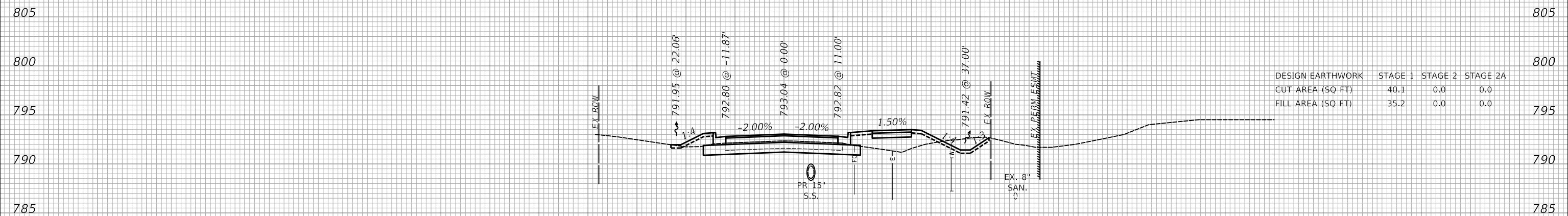
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 8 OF 42 SHEETS STA. 215+23.00 TO STA. 215+50.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	143
			CONTRACT NO. 61109	
		ILLINOIS FED. AID PROJECT		

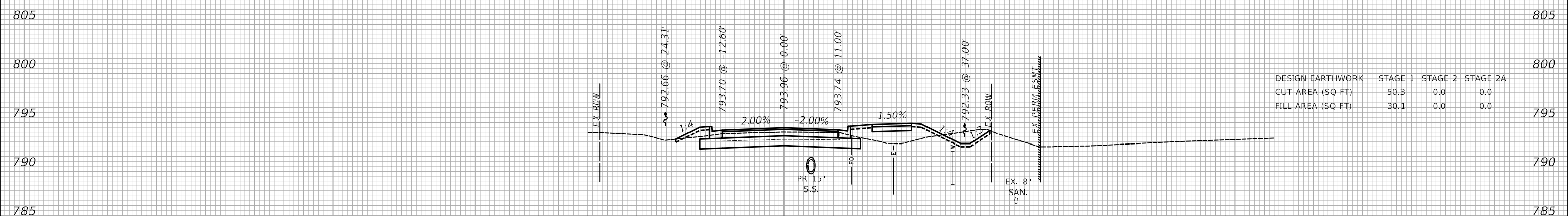
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FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	



216 + 50.00

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	



216 + 00.00

MODEL: S:\MODEL\MAMES
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	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 9 OF 42 SHEETS STA. 216+00.00 TO STA. 216+50.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	144
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

805

800

795

790

785

805

800

795

790

785

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	29.7	0.0	0.0
FILL AREA (SQ FT)	49.7	0.0	0.0

217 + 50.00

805

800

795

790

785

805

800

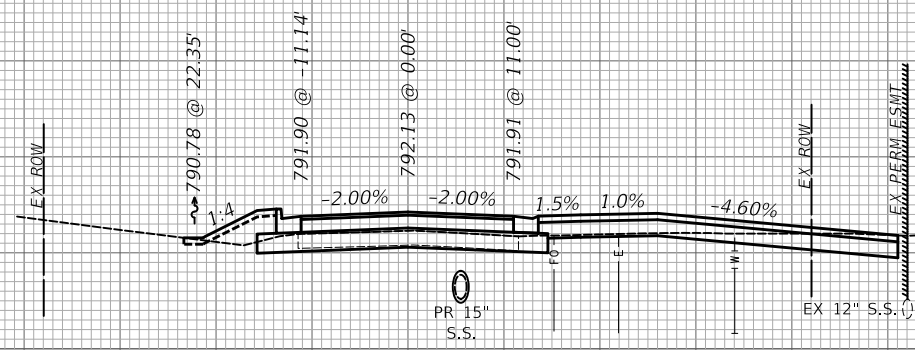
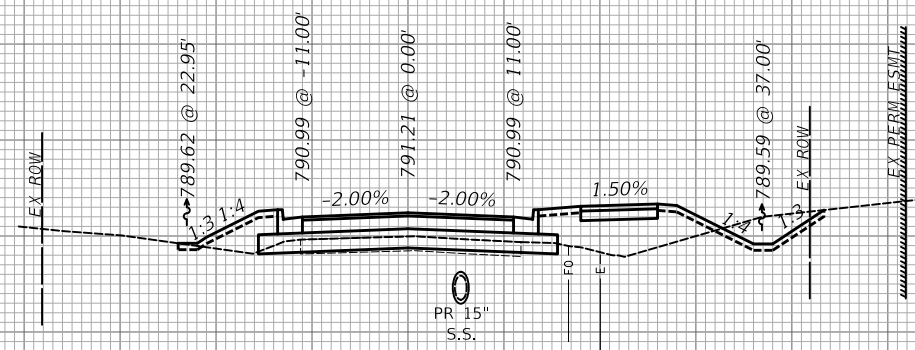
795

790

785

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	36.7	0.0	0.0
FILL AREA (SQ FT)	14.5	0.0	0.0

217 + 00.00



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FILE NAME: ...31725.dwg - Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISD -
	DRAWN - KDC	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISD -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 10 OF 42 SHEETS STA. 217+00.00 TO STA. 217+50.00

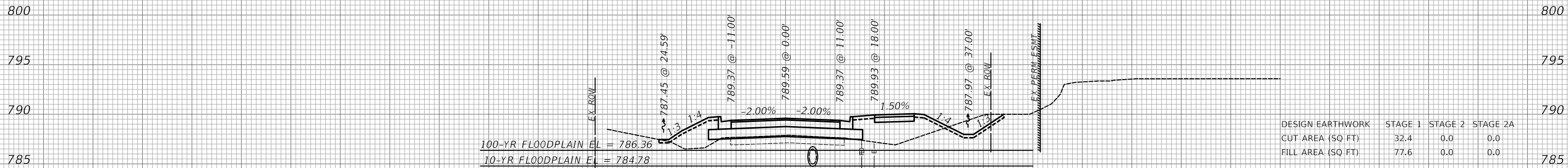
TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	145
			CONTRACT NO. 61J09	
			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

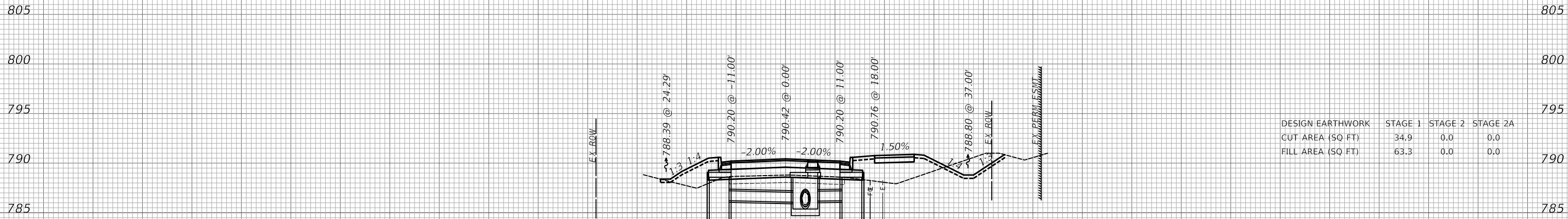
ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: S:\MODEL\AMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	32.4	0.0	0.0
FILL AREA (SQ FT)	77.6	0.0	0.0

218 + 50.00



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	34.9	0.0	0.0
FILL AREA (SQ FT)	63.3	0.0	0.0

218 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = djk	DESIGNED - KDC	REVISD -
	DRAWN - KDC	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISD -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 11 OF 42 SHEETS STA. 218+00.00 TO STA. 218+50.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	146
				CONTRACT NO. 61J09

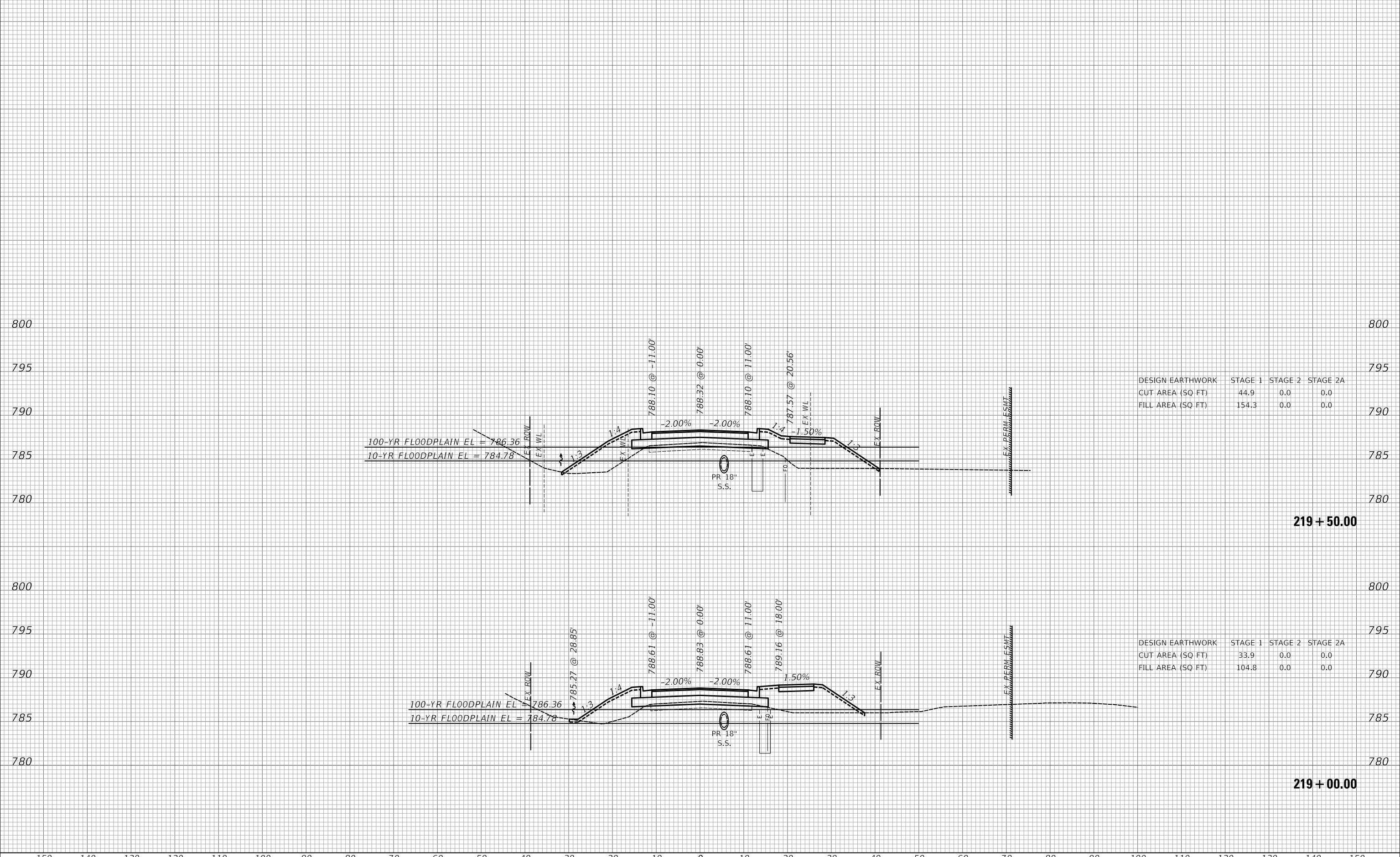
ILLINOIS FED. AID PROJECT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	44.9	0.0	0.0
FILL AREA (SQ FT)	154.3	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	33.9	0.0	0.0
FILL AREA (SQ FT)	104.8	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

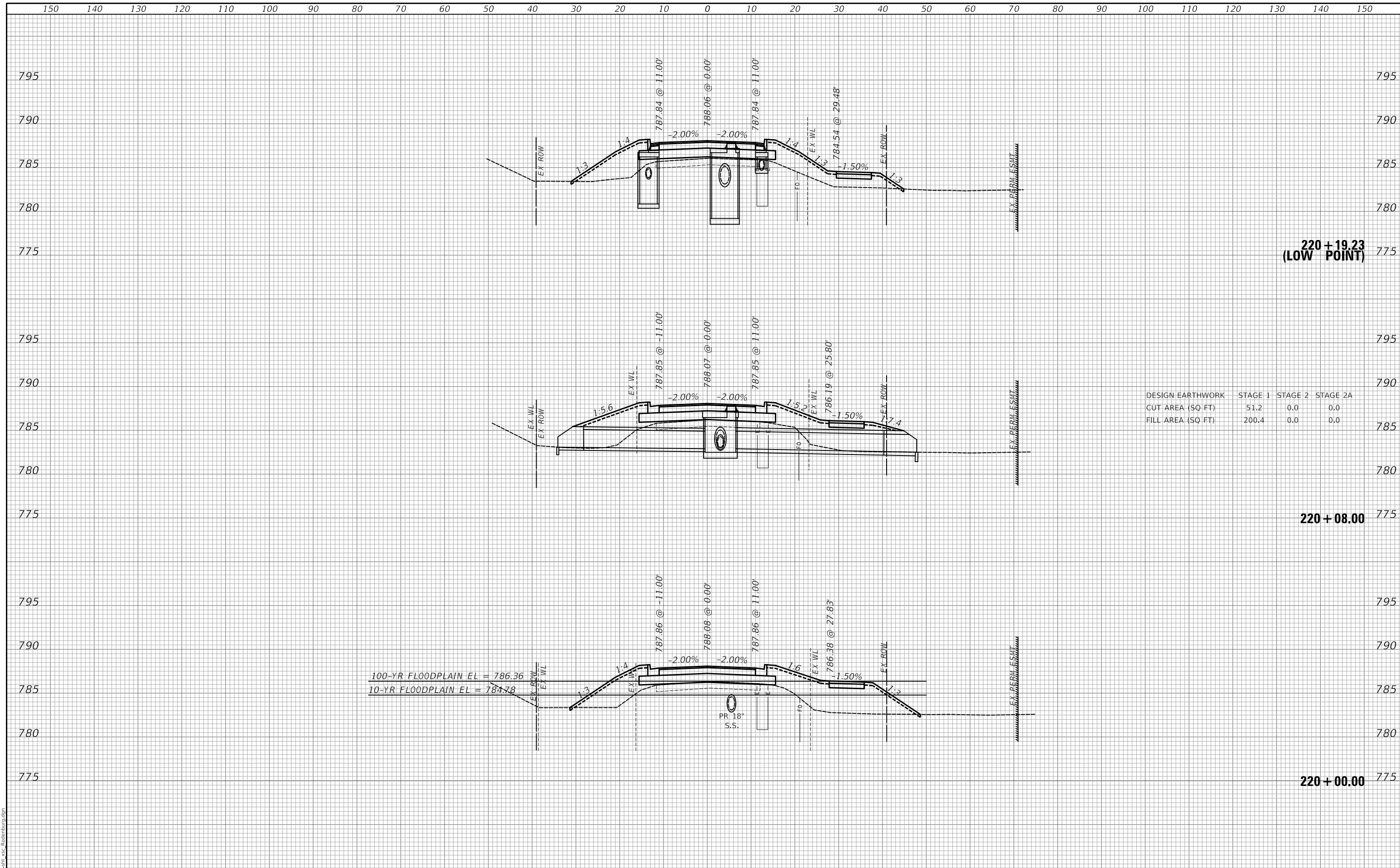
SCALE: 1"=10'H/5'V SHEET 12 OF 42 SHEETS STA. 219+00.00 TO STA. 219+50.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	147
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

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FILE NAME: ...31725.dwg - Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	51.2	0.0	0.0
FILL AREA (SQ FT)	200.4	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 13 OF 42 SHEETS STA. 219+87.73 TO STA. 220+10.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	148
			CONTRACT NO. 61109	

**220+19.23
(LOW POINT)**

220+08.00

220+00.00

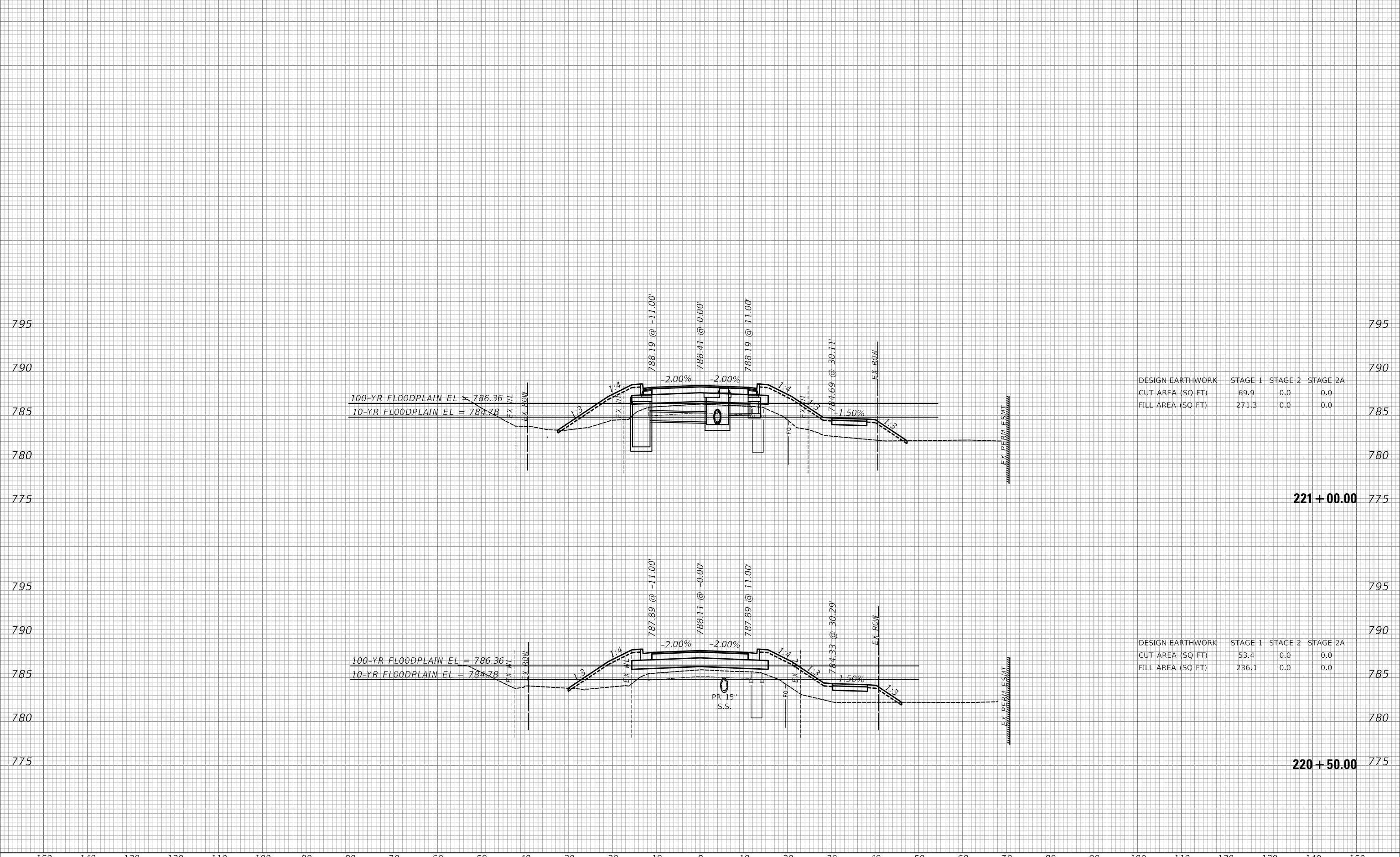
ILLINOIS FED. AID PROJECT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	69.9	0.0	0.0
FILL AREA (SQ FT)	271.3	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	53.4	0.0	0.0
FILL AREA (SQ FT)	236.1	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

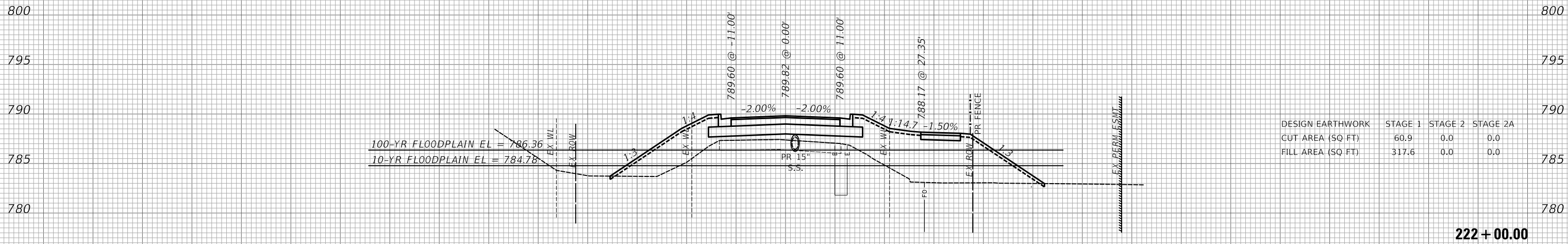
SCALE: 1"=10'H/5'V SHEET 14 OF 42 SHEETS STA. 220+50.00 TO STA. 221+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	149
			CONTRACT NO. 61J09	
			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

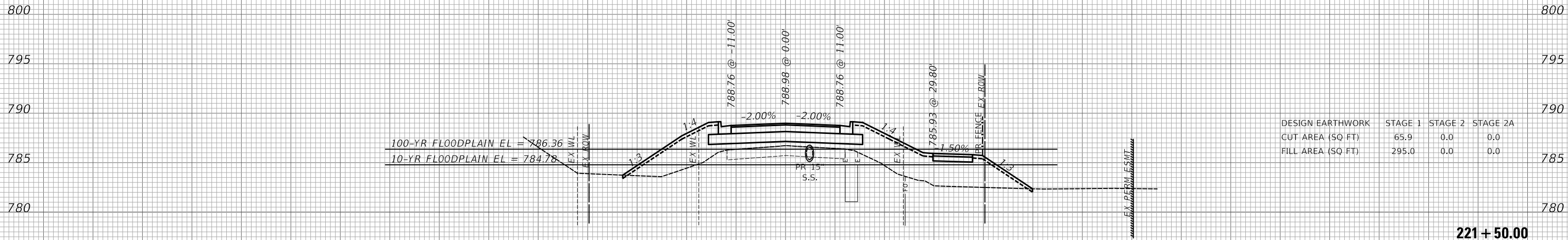
FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	60.9	0.0	0.0
FILL AREA (SQ FT)	317.6	0.0	0.0

222 + 00.00



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	65.9	0.0	0.0
FILL AREA (SQ FT)	295.0	0.0	0.0

221 + 50.00

MODEL: S:\MODEL\MAMES
FILE NAME: ...31725.dwg - Roderburg.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

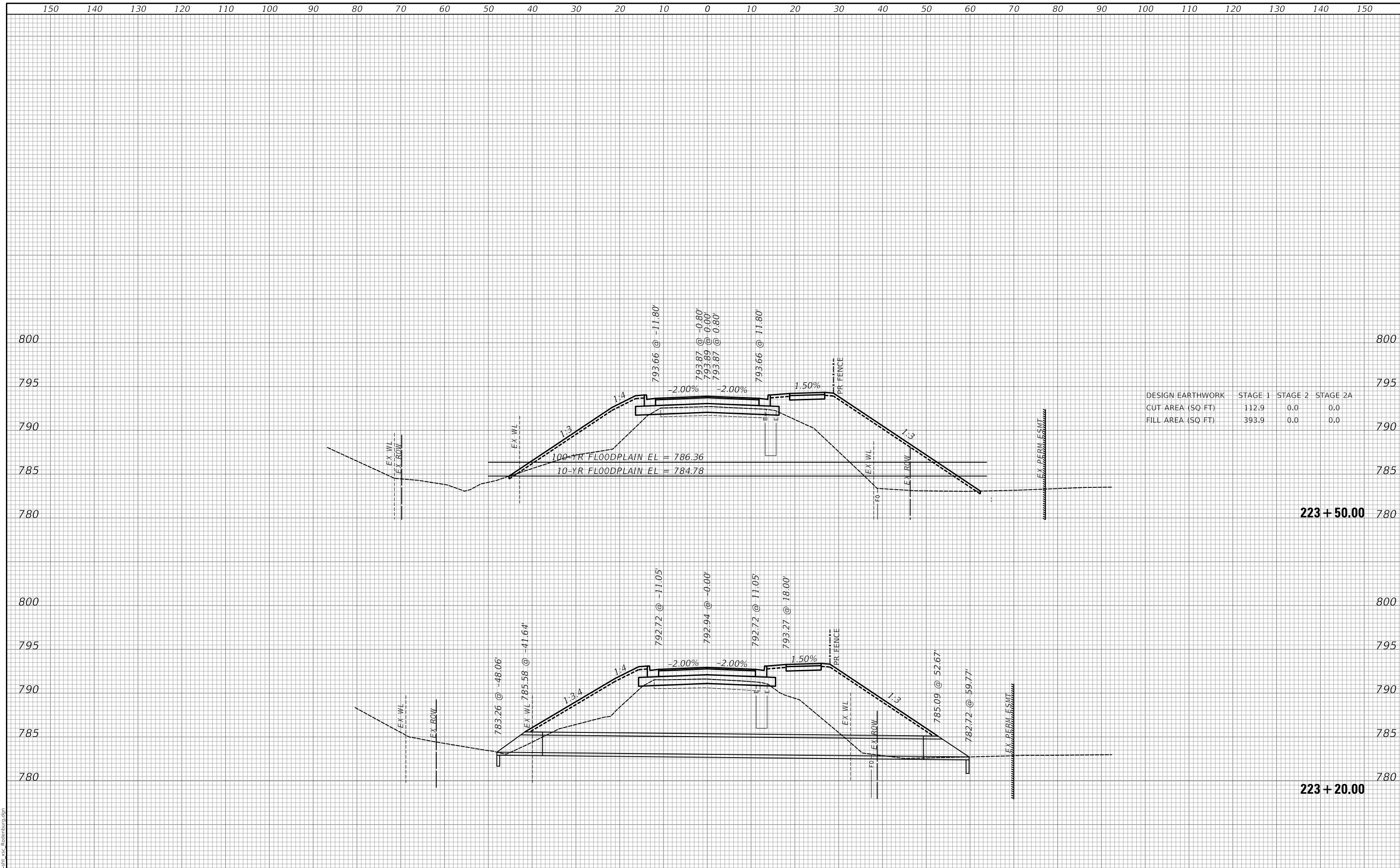
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 15 OF 42 SHEETS STA. 221+50.00 TO STA. 222+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	150
				CONTRACT NO. 61109
		ILLINOIS	FED. AID PROJECT	

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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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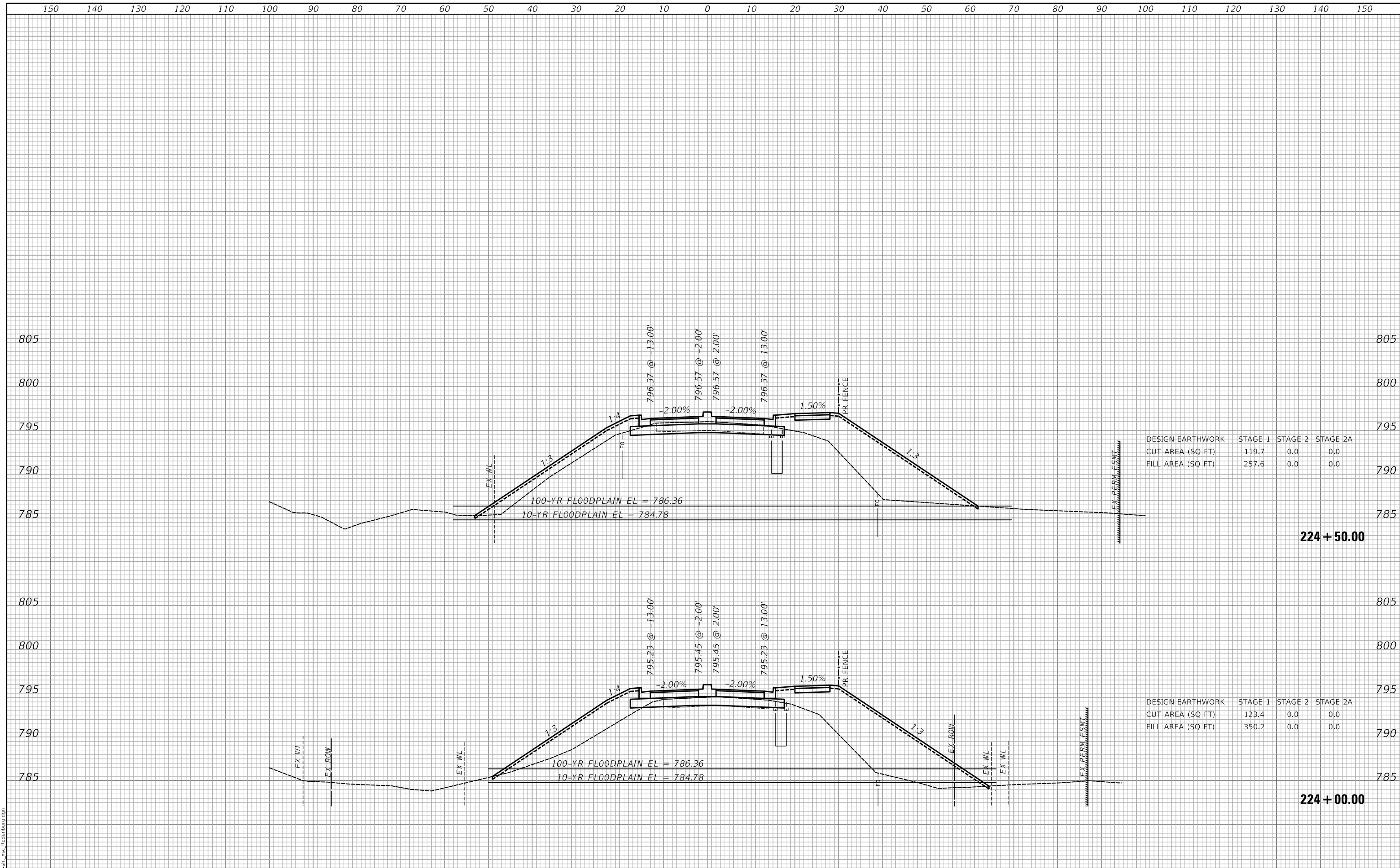


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FILE NAME: ...372581_xss_Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISD -		SCALE: 1"=10'H/5'V	SHEET 17 OF 42 SHEETS	0092	18-00132-00-PV	COOK / DUPAGE	177	152
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISD -		STA. 223+20.00 TO STA. 223+50.00			CONTRACT NO. 61109			
	DATE - 2/28/2023	REVISD -						ILLINOIS FED. AID PROJECT		

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SURVEYED	
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DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	119.7	0.0	0.0
FILL AREA (SQ FT)	257.6	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	123.4	0.0	0.0
FILL AREA (SQ FT)	350.2	0.0	0.0

MODEL: S:\MODEL\MAMES
FILE NAME: ...3172581_xcg_Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

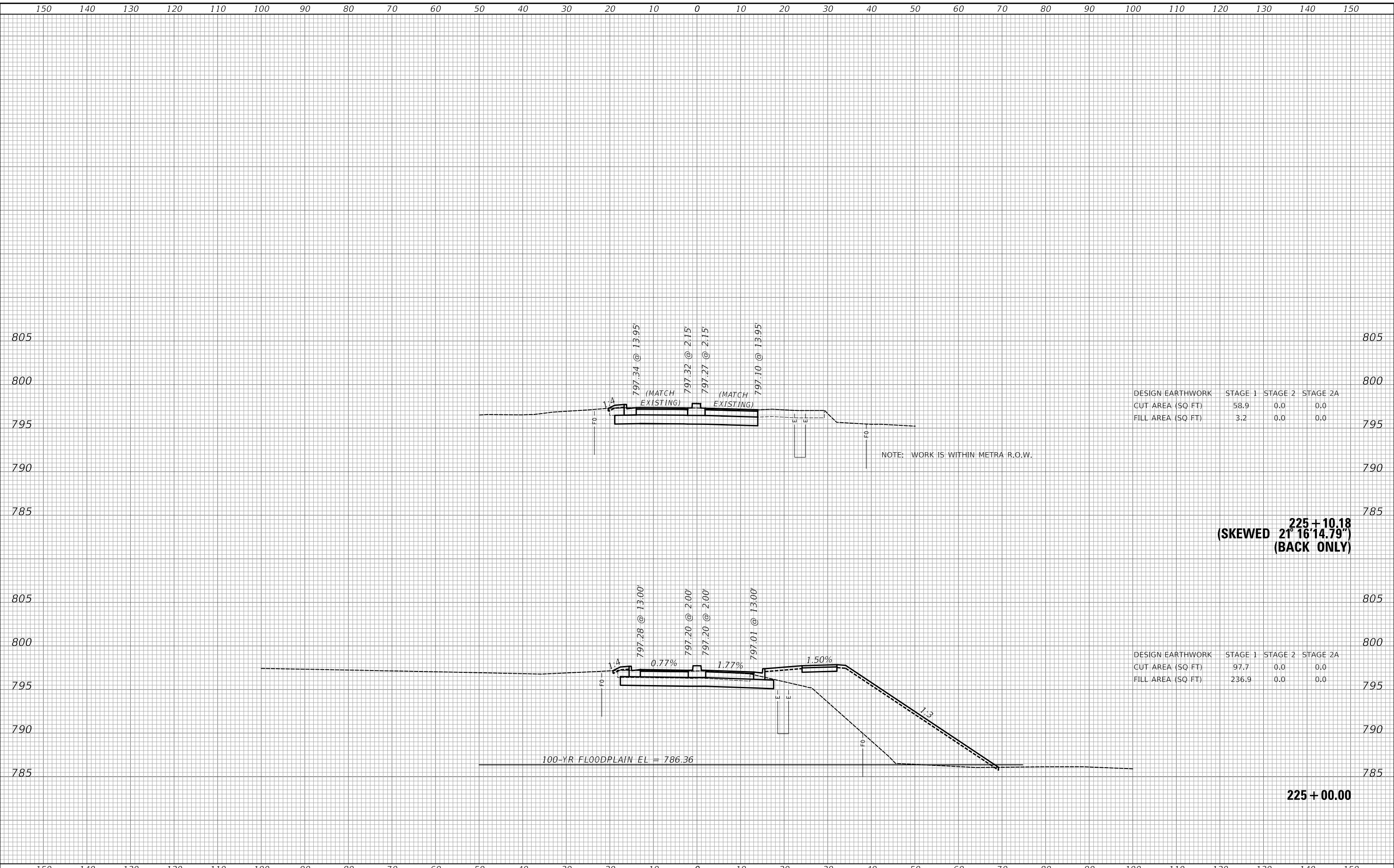
SCALE: 1"=10'H/5'V SHEET 18 OF 42 SHEETS STA. 224+00.00 TO STA. 224+50.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	153
			CONTRACT NO. 61109	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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FILE NAME: ...3172-shl_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	58.9	0.0	0.0
FILL AREA (SQ FT)	3.2	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 2	STAGE 2A
CUT AREA (SQ FT)	97.7	0.0	0.0
FILL AREA (SQ FT)	236.9	0.0	0.0

225 + 10.18
(SKEWED 21° 16' 14.79")
(BACK ONLY)

225 + 00.00

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

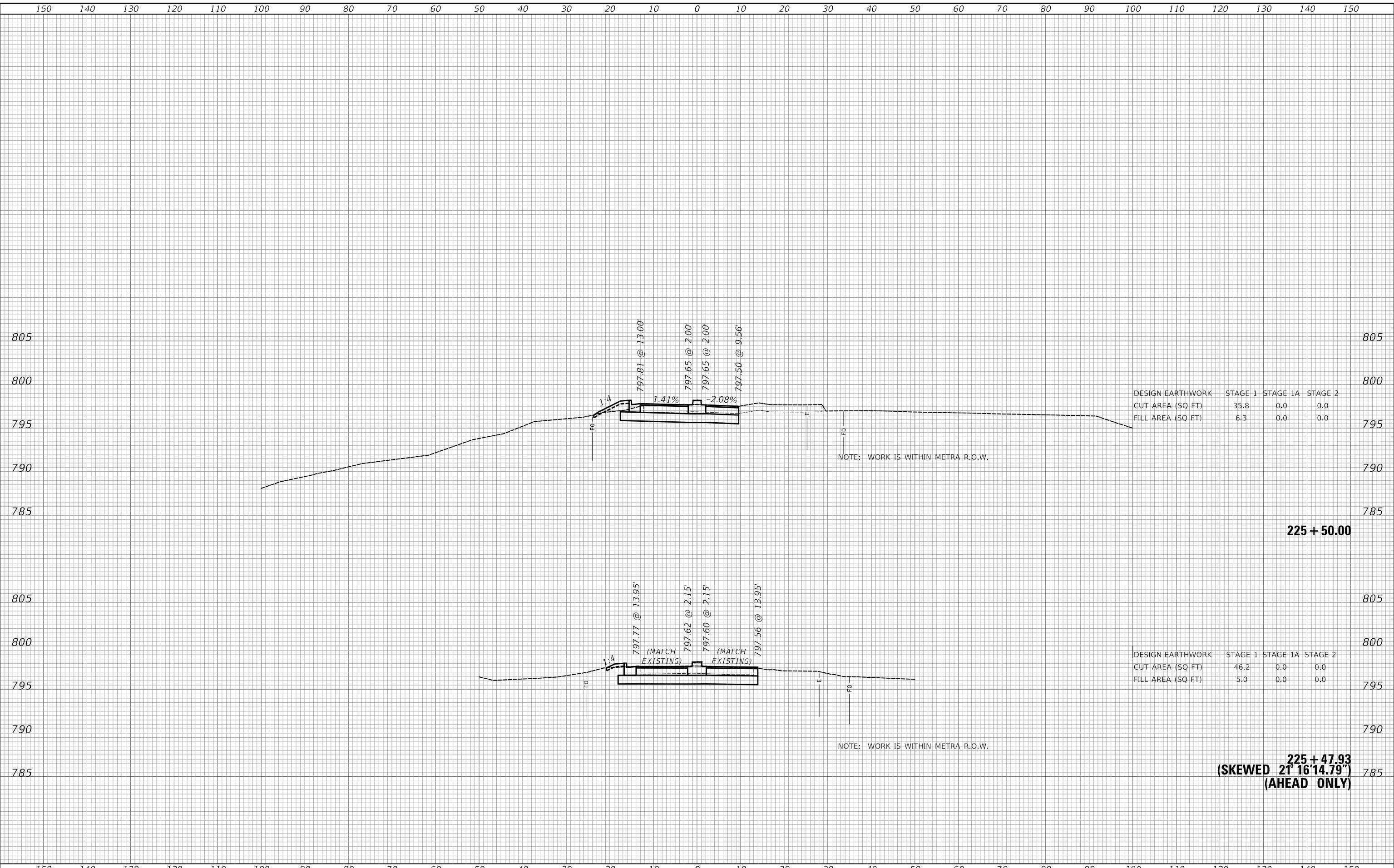
SCALE: 1"=10'H/5'V SHEET 19 OF 42 SHEETS STA. 225+00.00 TO STA. 225+10.18

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0092	18-00132-00-PV	COOK / DUPAGE	177	154
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	35.8	0.0	0.0
FILL AREA (SQ FT)	6.3	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	46.2	0.0	0.0
FILL AREA (SQ FT)	5.0	0.0	0.0

225 + 47.93
(SKEWED 21° 16' 14.79")
(AHEAD ONLY)

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

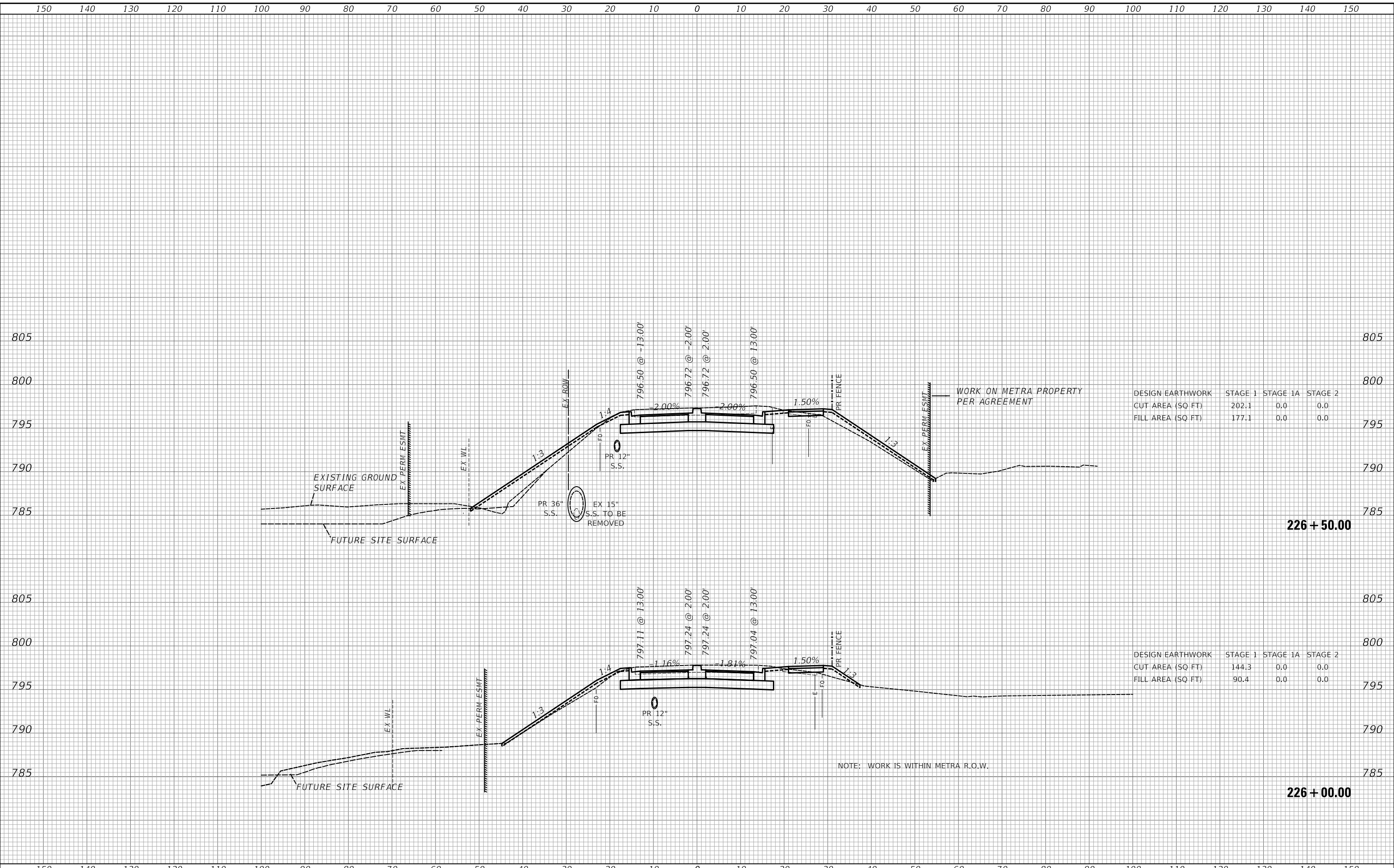
SCALE: 1"=10'H/5'V SHEET 20 OF 42 SHEETS STA. 225+47.93 TO STA. 225+50.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	155
CONTRACT NO. 61109			ILLINOIS FED. AID PROJECT	

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FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	202.1	0.0	0.0
FILL AREA (SQ FT)	177.1	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	144.3	0.0	0.0
FILL AREA (SQ FT)	90.4	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 21 OF 42 SHEETS STA. 226+00.00 TO STA. 226+50.00

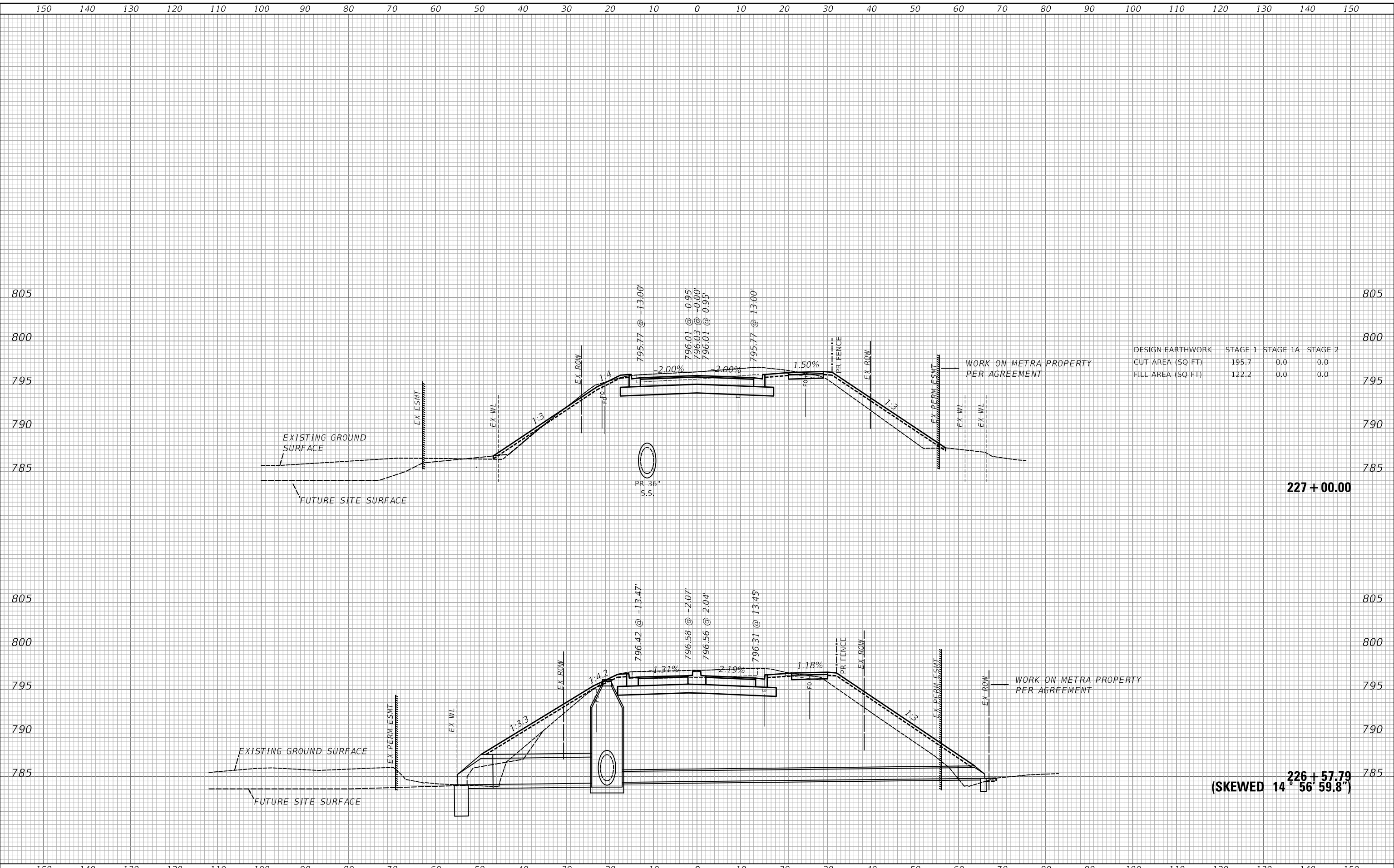
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	156
				CONTRACT NO. 61109

ILLINOIS FED. AID PROJECT

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ORIGINAL SURVEY	
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FILE NAME: ...3272581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	195.7	0.0	0.0
FILL AREA (SQ FT)	122.2	0.0	0.0

WORK ON METRA PROPERTY PER AGREEMENT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

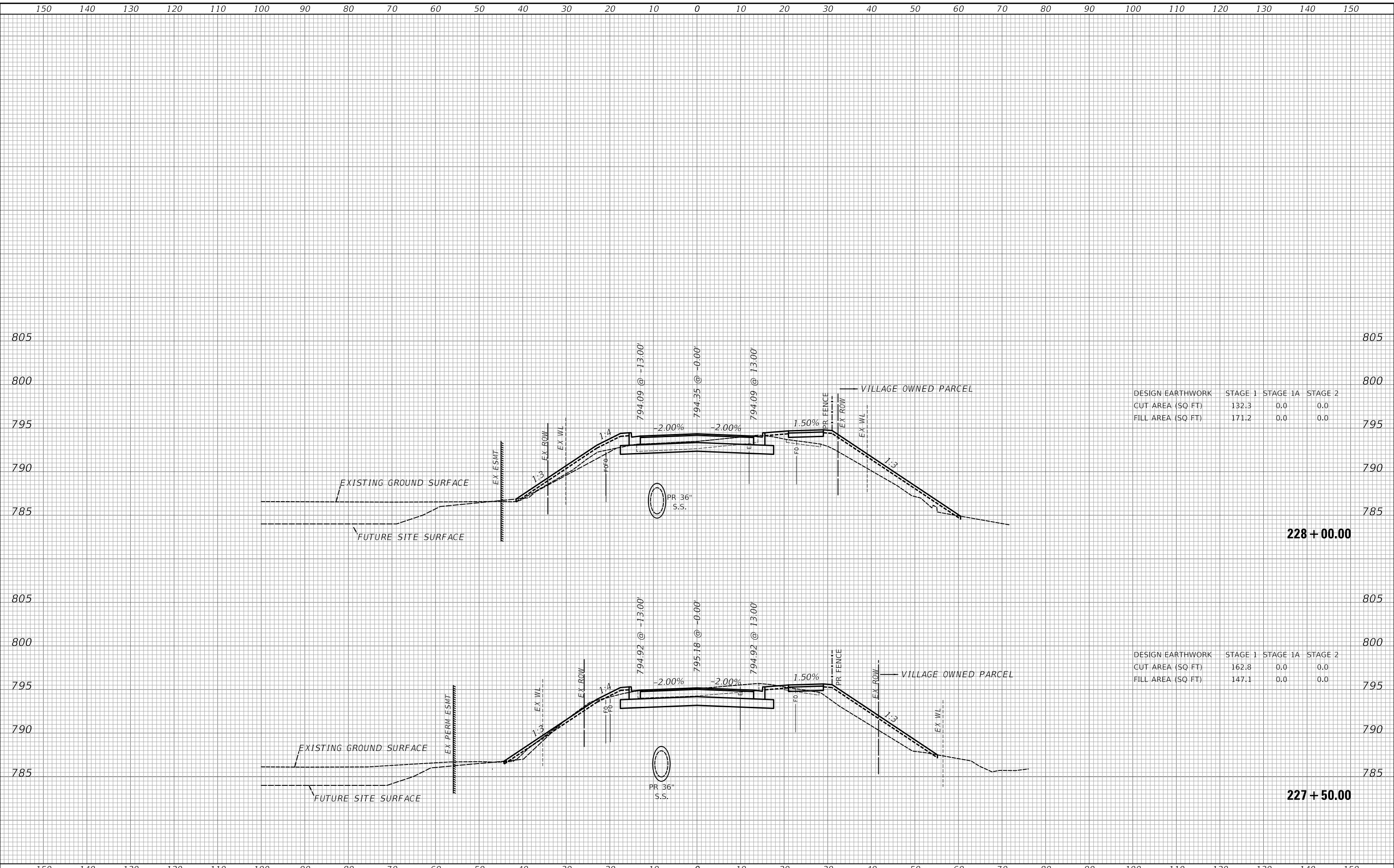
SCALE: 1"=10'H/5'V SHEET 22 OF 42 SHEETS STA. 226+57.79 TO STA. 227+00.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	157
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

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ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	132.3	0.0	0.0
FILL AREA (SQ FT)	171.2	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	162.8	0.0	0.0
FILL AREA (SQ FT)	147.1	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

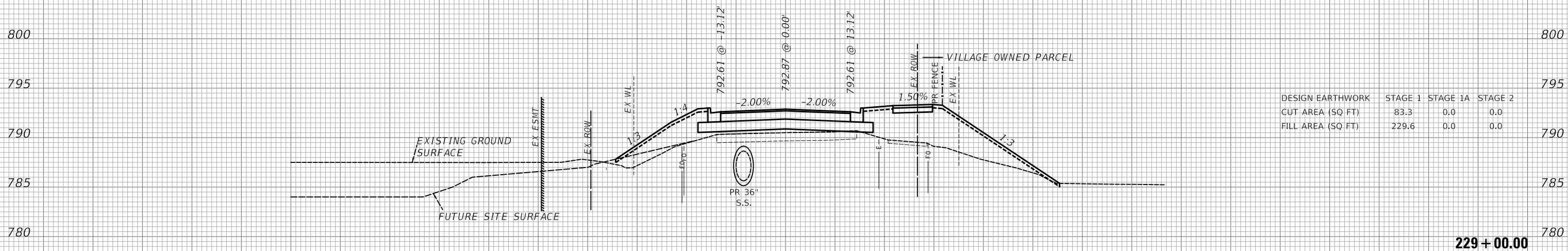
SCALE: 1"=10'H/5'V SHEET 23 OF 42 SHEETS STA. 227+50.00 TO STA. 228+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	158
			CONTRACT NO. 61109	
		ILLINOIS	FED. AID PROJECT	

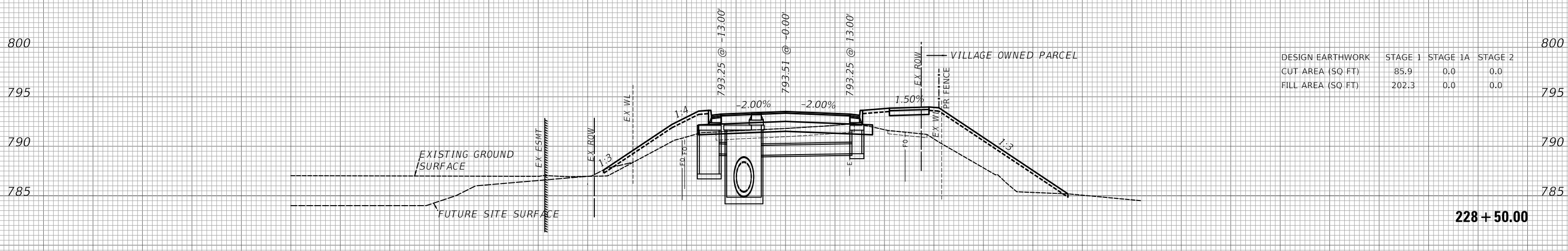
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED AREAS	PLOTTED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	PLOTTED AREAS	DATE



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	83.3	0.0	0.0
FILL AREA (SQ FT)	229.6	0.0	0.0



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	85.9	0.0	0.0
FILL AREA (SQ FT)	202.3	0.0	0.0

MODEL: S:\MODEL\MAMES
FILE NAME: ...3172581_xcg_Rosenburg.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

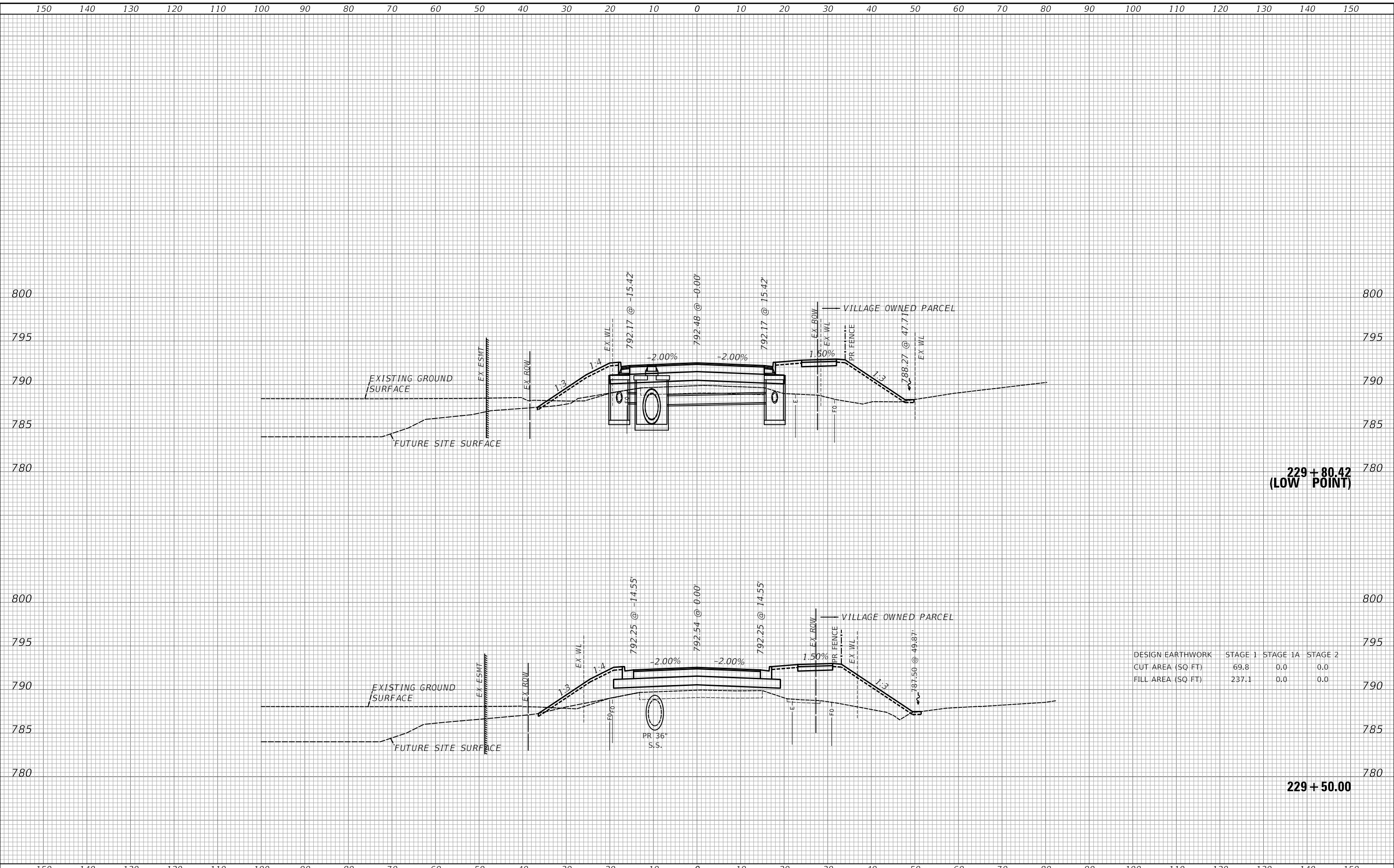
SCALE: 1"=10'H/5'V SHEET 24 OF 42 SHEETS STA. 228+50.00 TO STA. 229+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	159
				CONTRACT NO. 61109
				ILLINOIS FED. AID PROJECT

DATE	
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TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	69.8	0.0	0.0
FILL AREA (SQ FT)	237.1	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

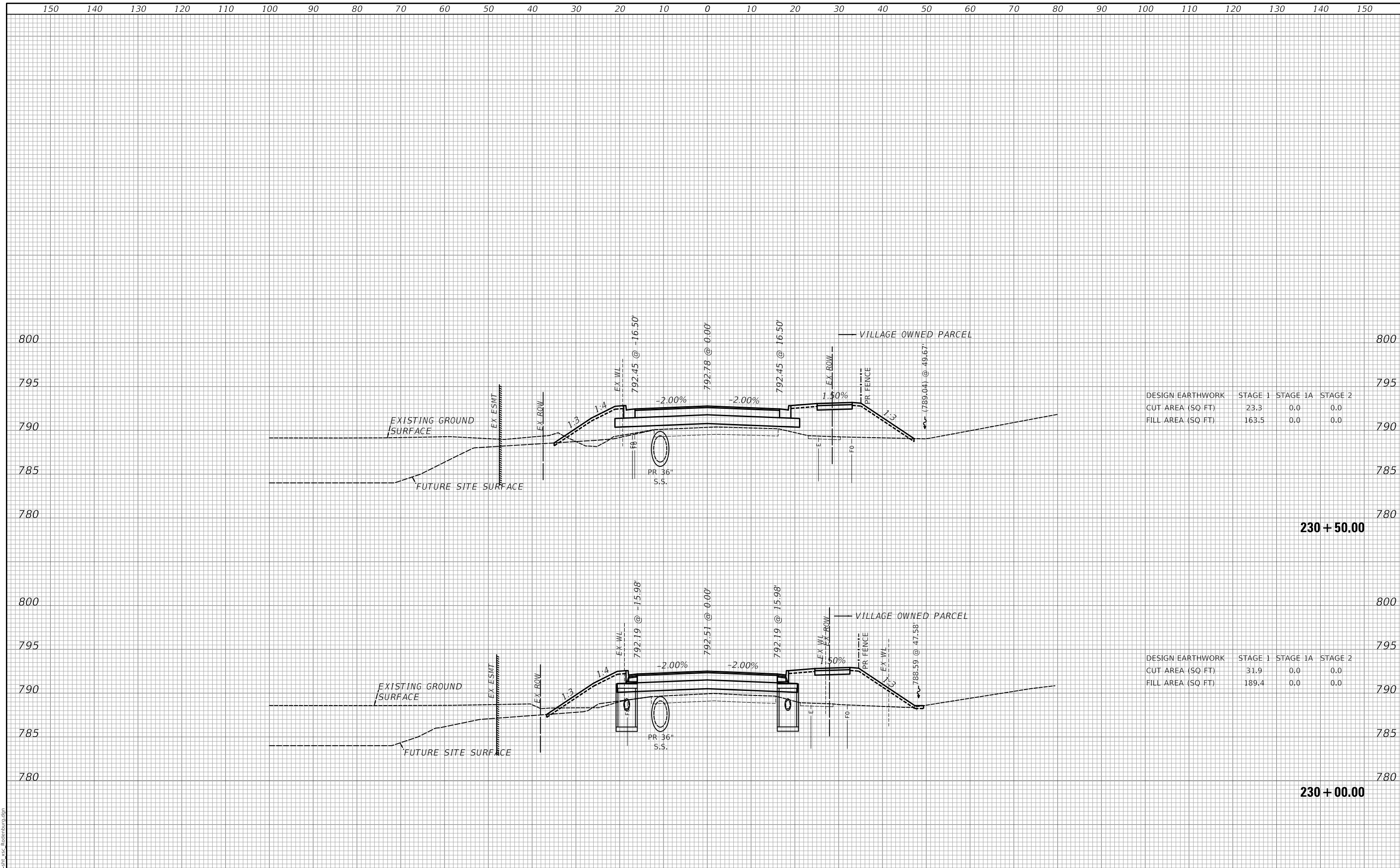
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 25 OF 42 SHEETS STA. 229+50.00 TO STA. 229+80.42

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	160
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	23.3	0.0	0.0
FILL AREA (SQ FT)	163.5	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	31.9	0.0	0.0
FILL AREA (SQ FT)	189.4	0.0	0.0

MODEL: S:\MODEL\MAMES
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USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

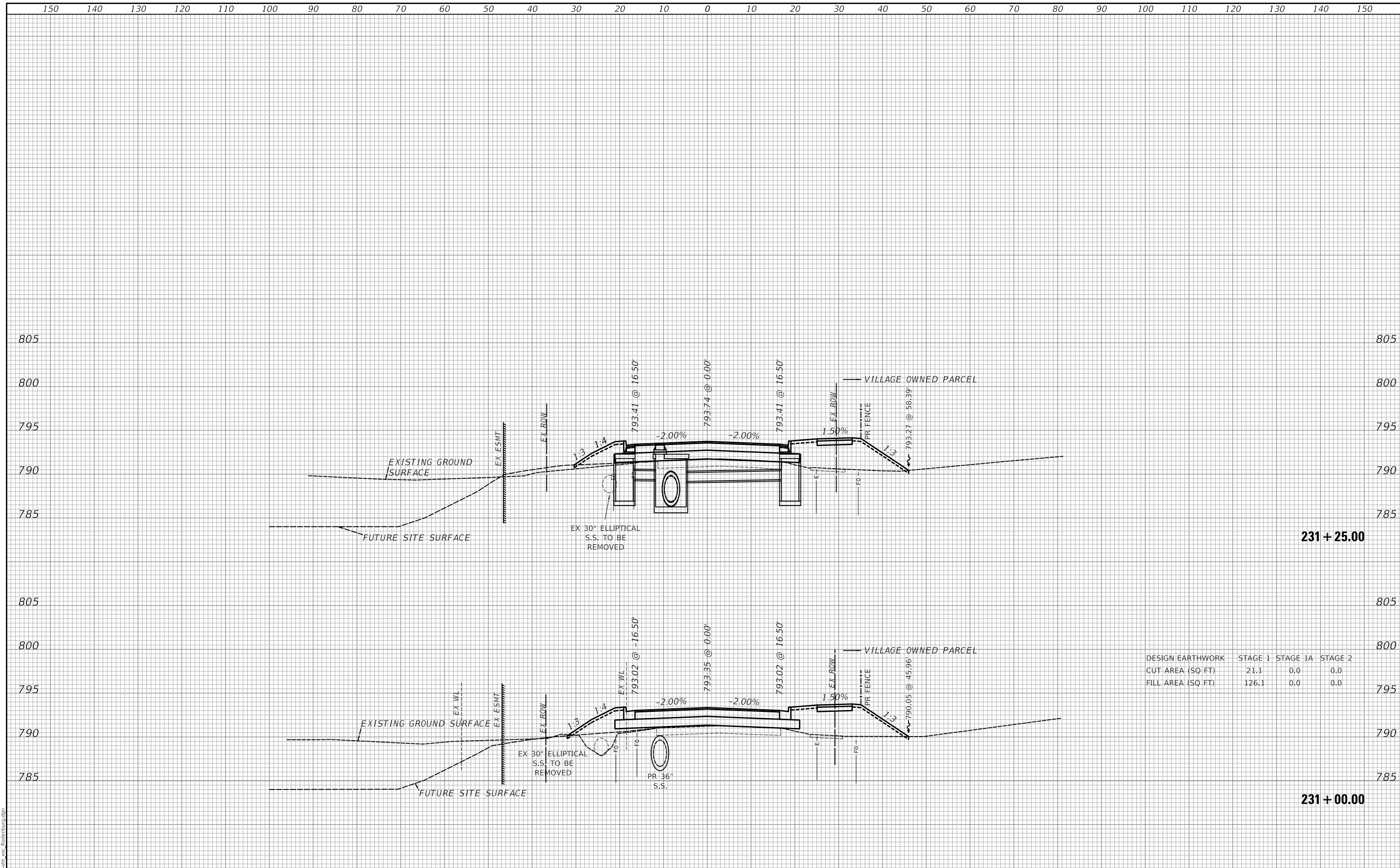
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 26 OF 42 SHEETS STA. 230+00.00 TO STA. 230+50.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	161
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	21.1	0.0	0.0
FILL AREA (SQ FT)	126.1	0.0	0.0

MODEL: S:\MODEL\MAMES
FILE NAME: ...31725.dwg - Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

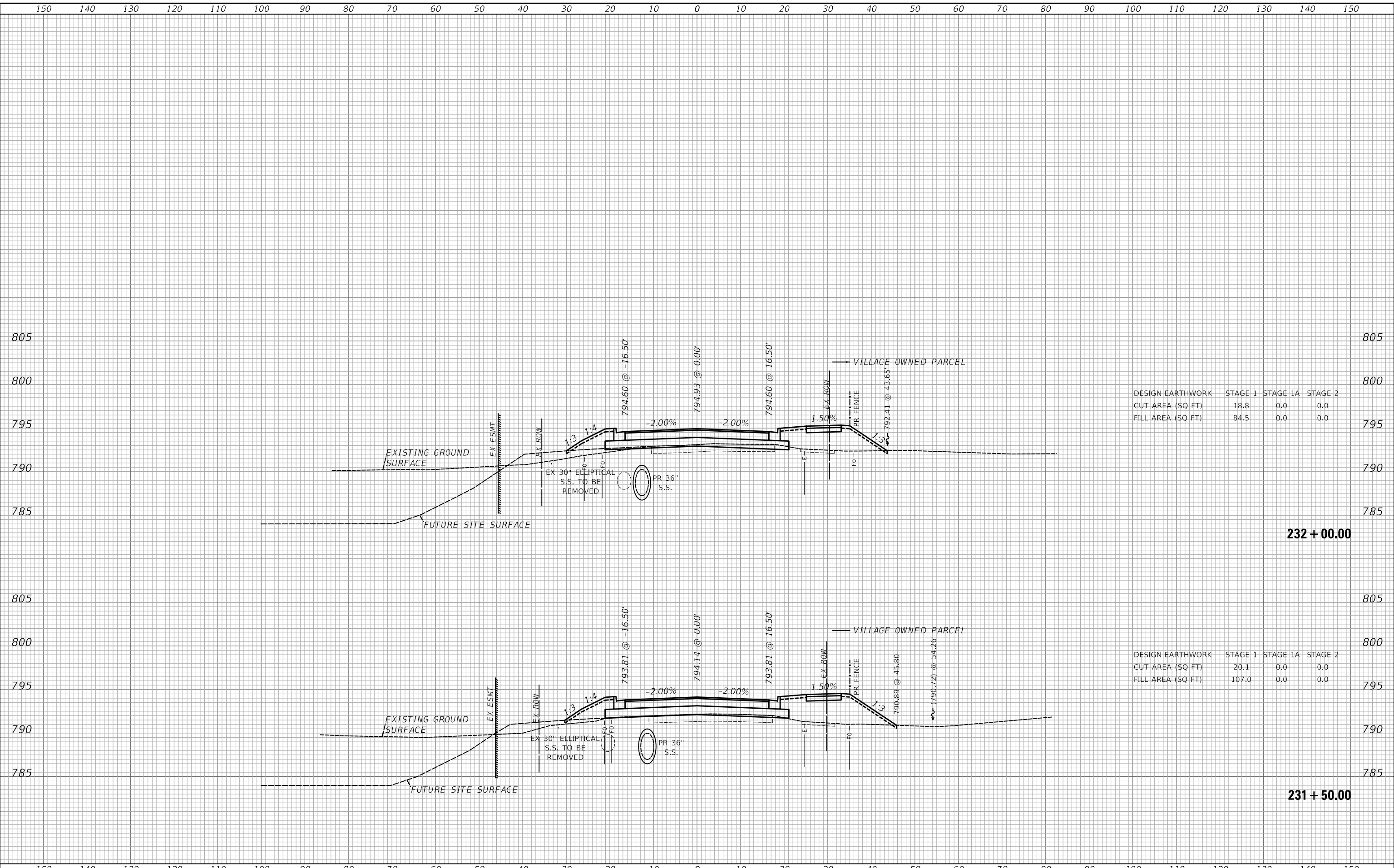
SCALE: 1"=10'H/5'V SHEET 27 OF 42 SHEETS STA. 231+00.00 TO STA. 231+35.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	162
			CONTRACT NO. 61109	
		ILLINOIS	FED. AID PROJECT	

DATE	
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SURVEYED	
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TEMPLATE	
AREAS	
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FINAL SURVEY	
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NOTE BOOK	
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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	18.8	0.0	0.0
FILL AREA (SQ FT)	84.5	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	20.1	0.0	0.0
FILL AREA (SQ FT)	107.0	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

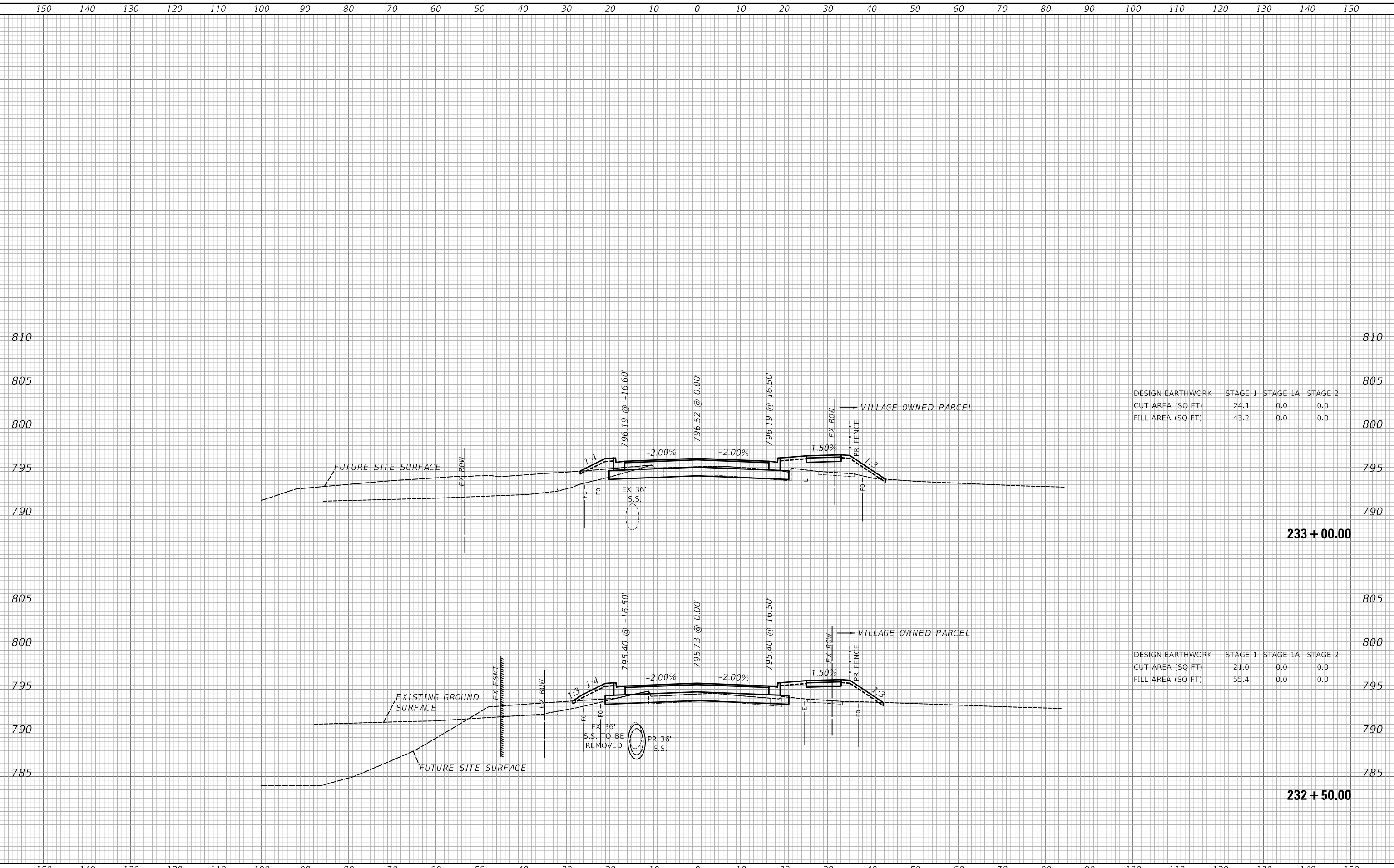
SCALE: 1"=10'H/5'V SHEET 28 OF 42 SHEETS STA. 231+50.00 TO STA. 232+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	163
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
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ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	24.1	0.0	0.0
FILL AREA (SQ FT)	43.2	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	21.0	0.0	0.0
FILL AREA (SQ FT)	55.4	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

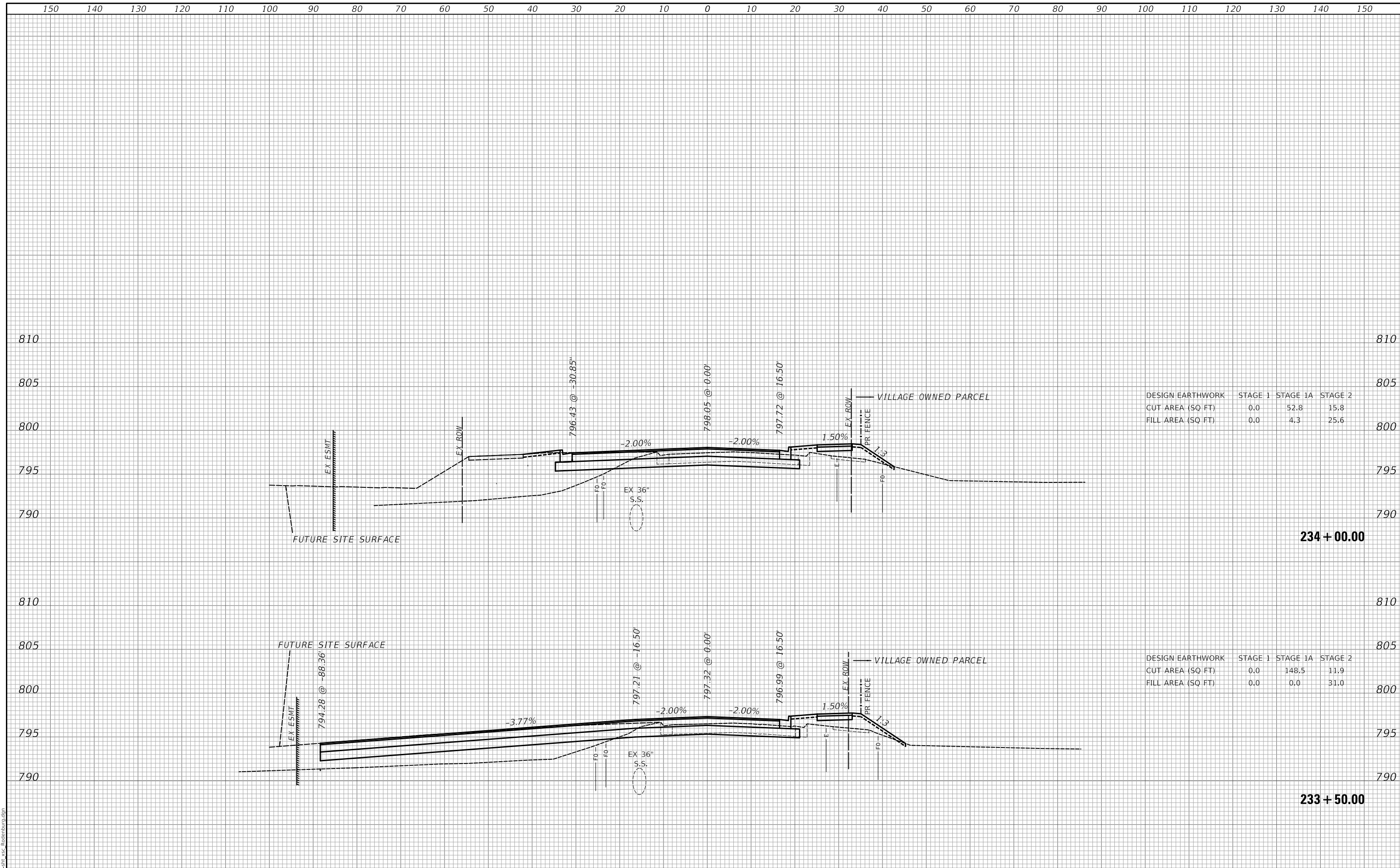
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 29 OF 42 SHEETS STA. 232+50.00 TO STA. 233+00.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	164
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	0.0	52.8	15.8
FILL AREA (SQ FT)	0.0	4.3	25.6

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	0.0	148.5	11.9
FILL AREA (SQ FT)	0.0	0.0	31.0

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FILE NAME: ...31725.dwg - Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

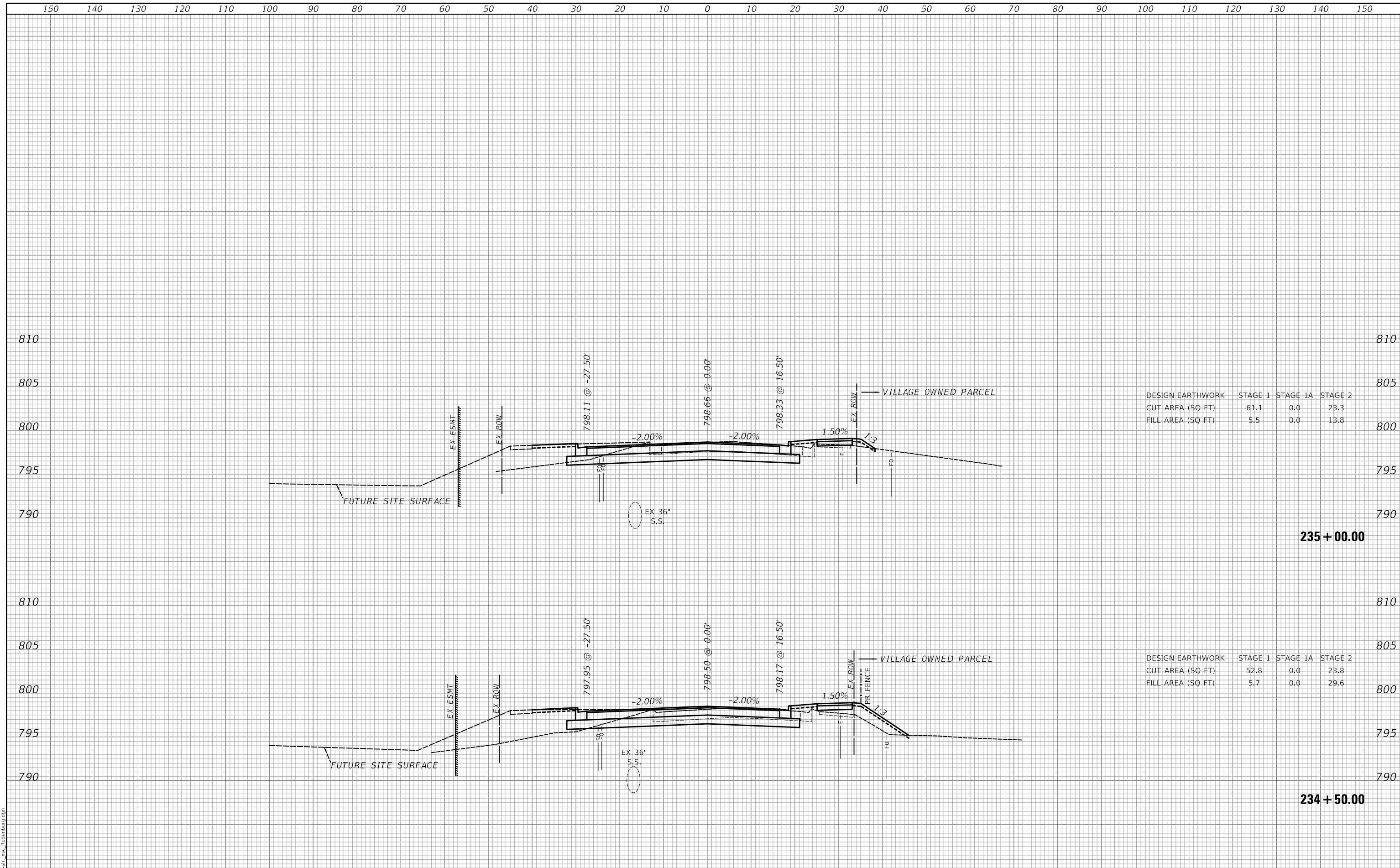
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 30 OF 42 SHEETS STA. 233+50.00 TO STA. 234+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	165
			CONTRACT NO. 61109	
		ILLINOIS	FED. AID PROJECT	

DATE	
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SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	61.1	0.0	23.3
FILL AREA (SQ FT)	5.5	0.0	13.8

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	52.8	0.0	23.8
FILL AREA (SQ FT)	5.7	0.0	29.6

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FILE NAME: ...372511_xcg_Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

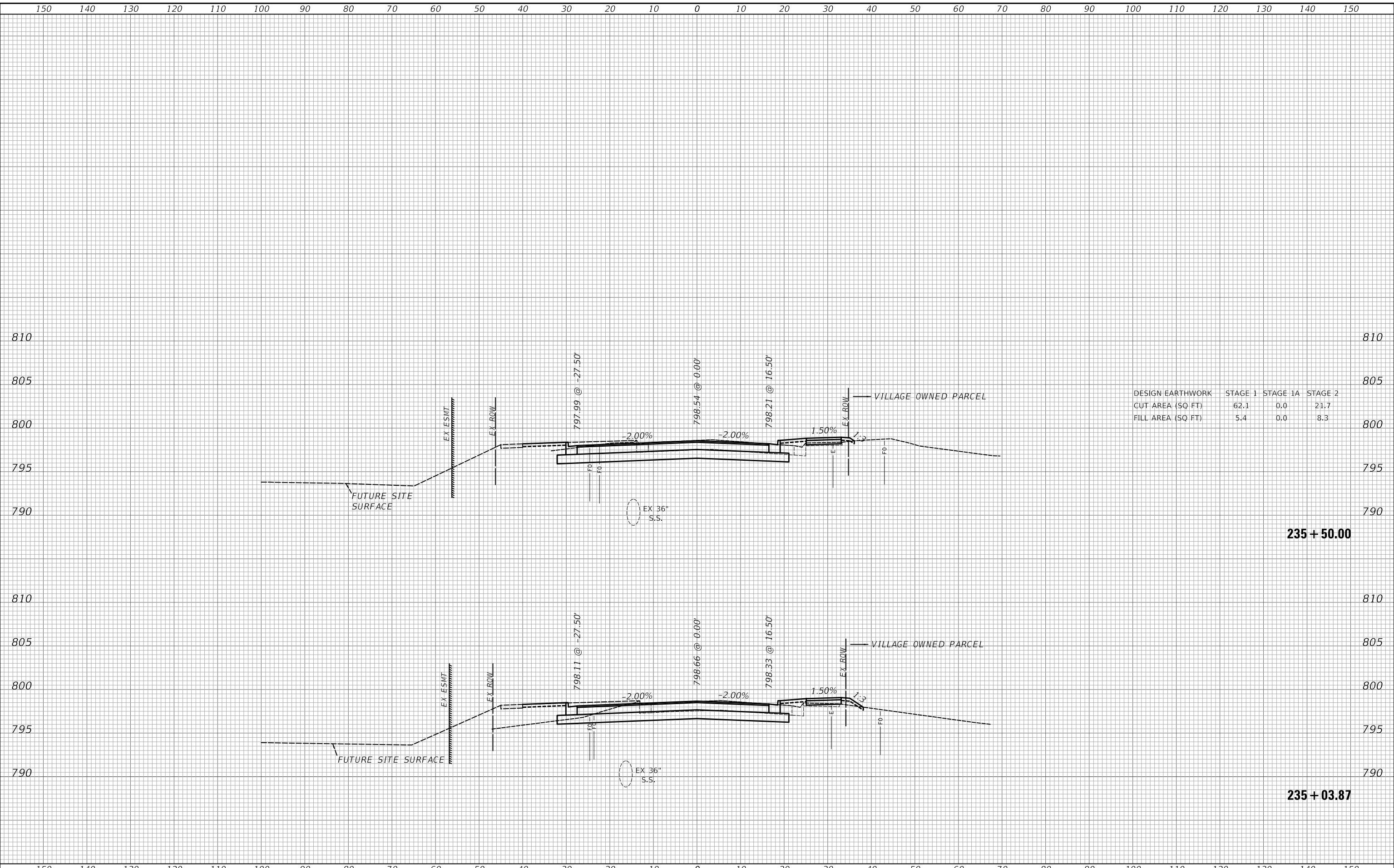
SCALE: 1"=10'H/5'V SHEET 31 OF 42 SHEETS STA. 234+50.00 TO STA. 235+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	166
			CONTRACT NO. 61109	
		ILLINOIS	FED. AID PROJECT	

DATE	
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PLOTTED	
TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	62.1	0.0	21.7
FILL AREA (SQ FT)	5.4	0.0	8.3

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

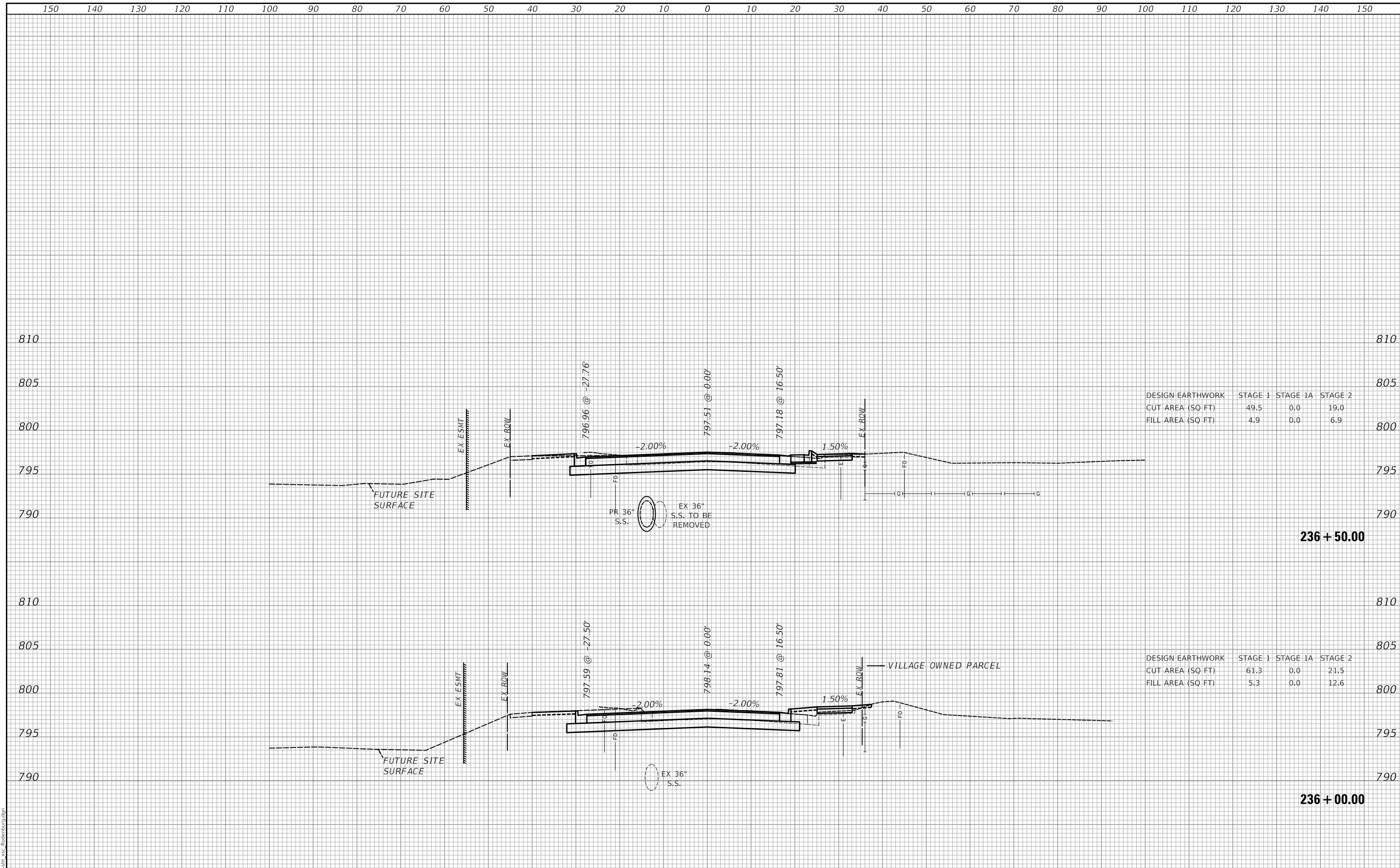
CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 32 OF 42 SHEETS STA. 235+03.87 TO STA. 235+50.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	167
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

DATE	
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SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	49.5	0.0	19.0
FILL AREA (SQ FT)	4.9	0.0	6.9

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	61.3	0.0	21.5
FILL AREA (SQ FT)	5.3	0.0	12.6

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FILE NAME: ...372581_xss_Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

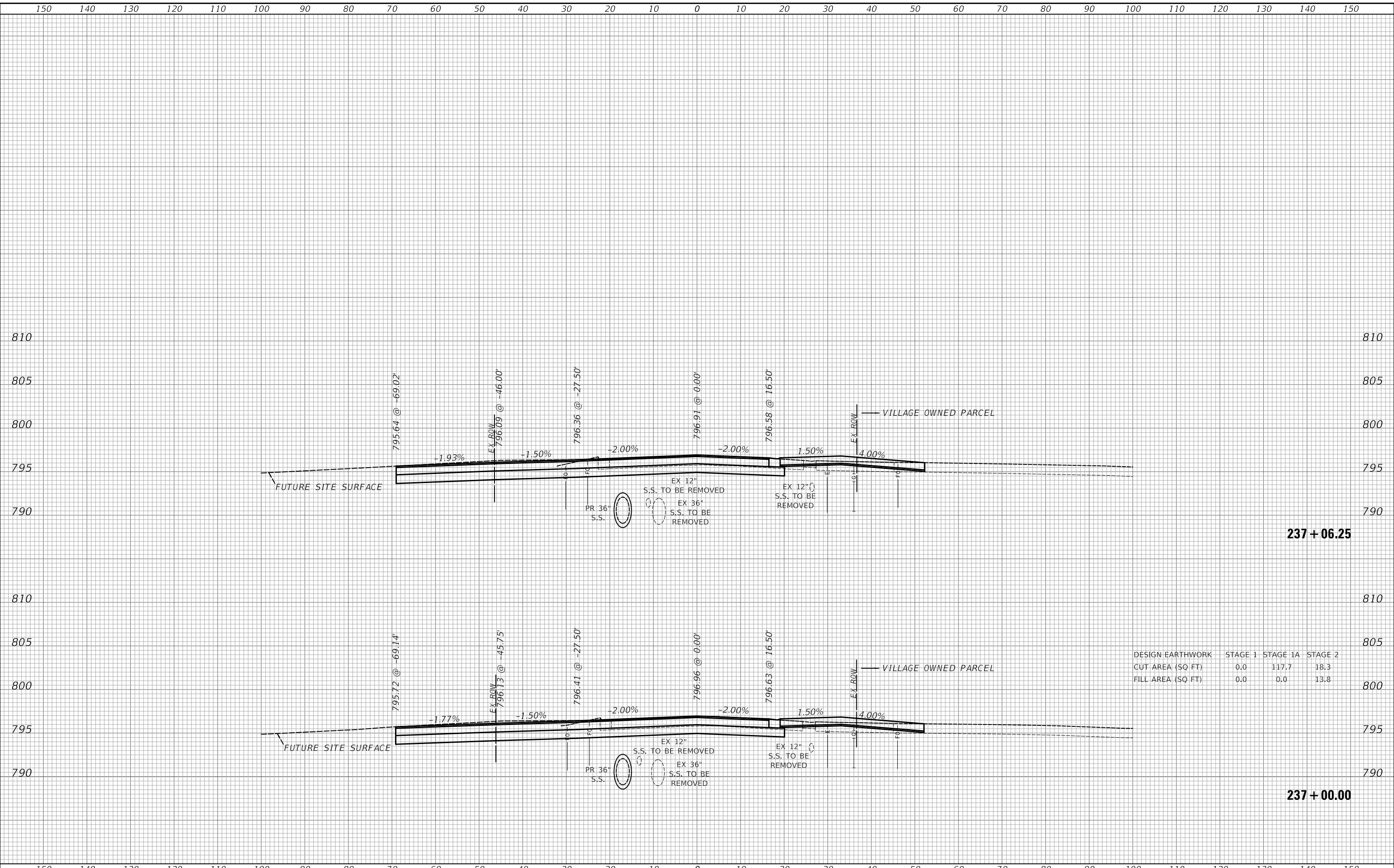
SCALE: 1"=10'H/5'V SHEET 33 OF 42 SHEETS STA. 236+00.00 TO STA. 236+50.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	168
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

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FILE NAME: ...32725.dwg - Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	0.0	117.7	18.3
FILL AREA (SQ FT)	0.0	0.0	13.8

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

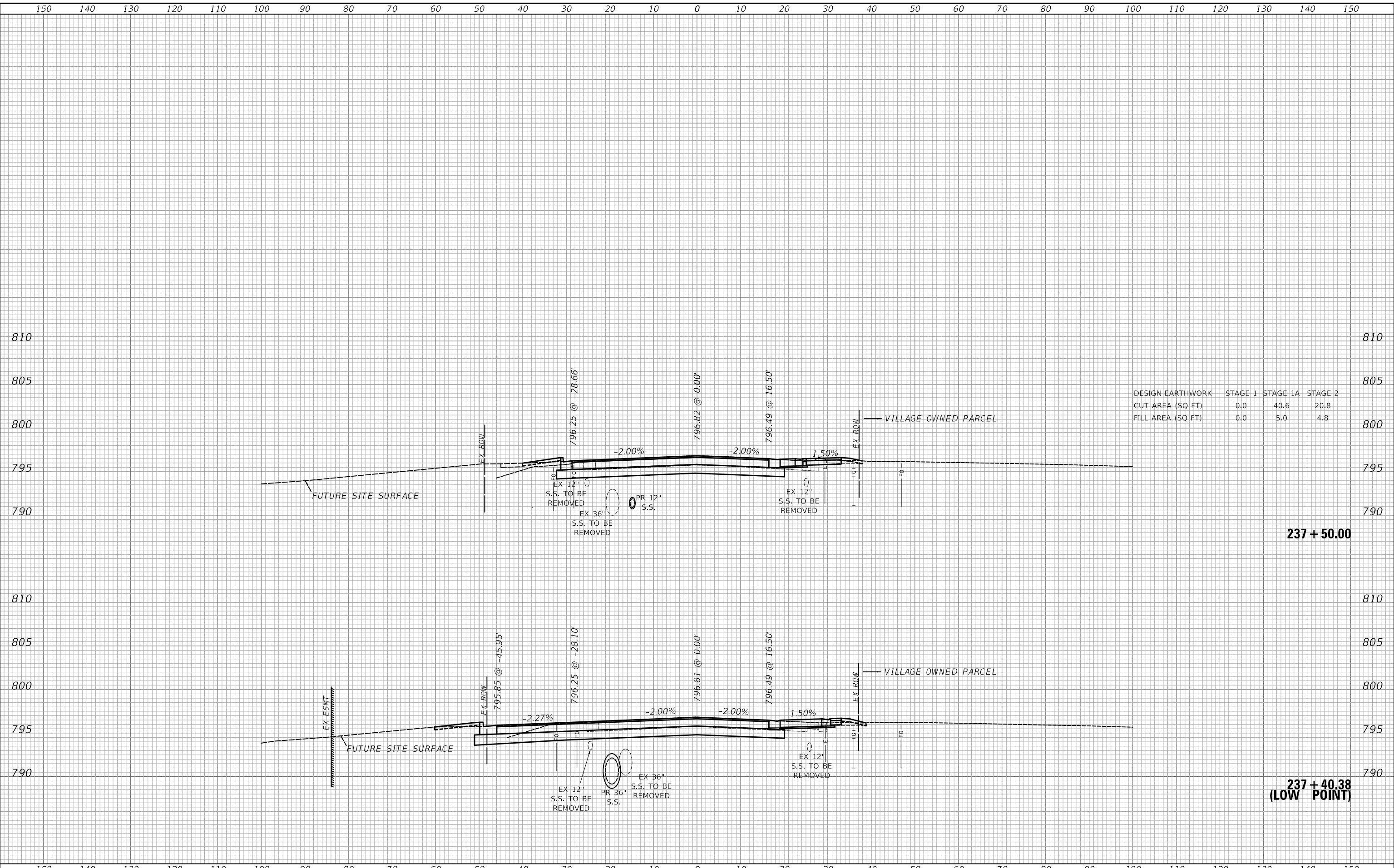
SCALE: 1"=10'H/5'V SHEET 34 OF 42 SHEETS STA. 237+00.00 TO STA. 237+06.25

MUN. RTE. 0666	SECTION 18-00132-00-PV	COUNTY COOK / DUPAGE	TOTAL SHEETS 177	SHEET NO. 169
			CONTRACT NO. 61J09	
		ILLINOIS	FED. AID PROJECT	

DATE	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: S:\MODEL\AMES
FILE NAME: ...3725.dwg - Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	0.0	40.6	20.8
FILL AREA (SQ FT)	0.0	5.0	4.8

237 + 50.00

**237 + 40.38
(LOW POINT)**

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 35 OF 42 SHEETS STA. 237+40.38 TO STA. 237+50.00

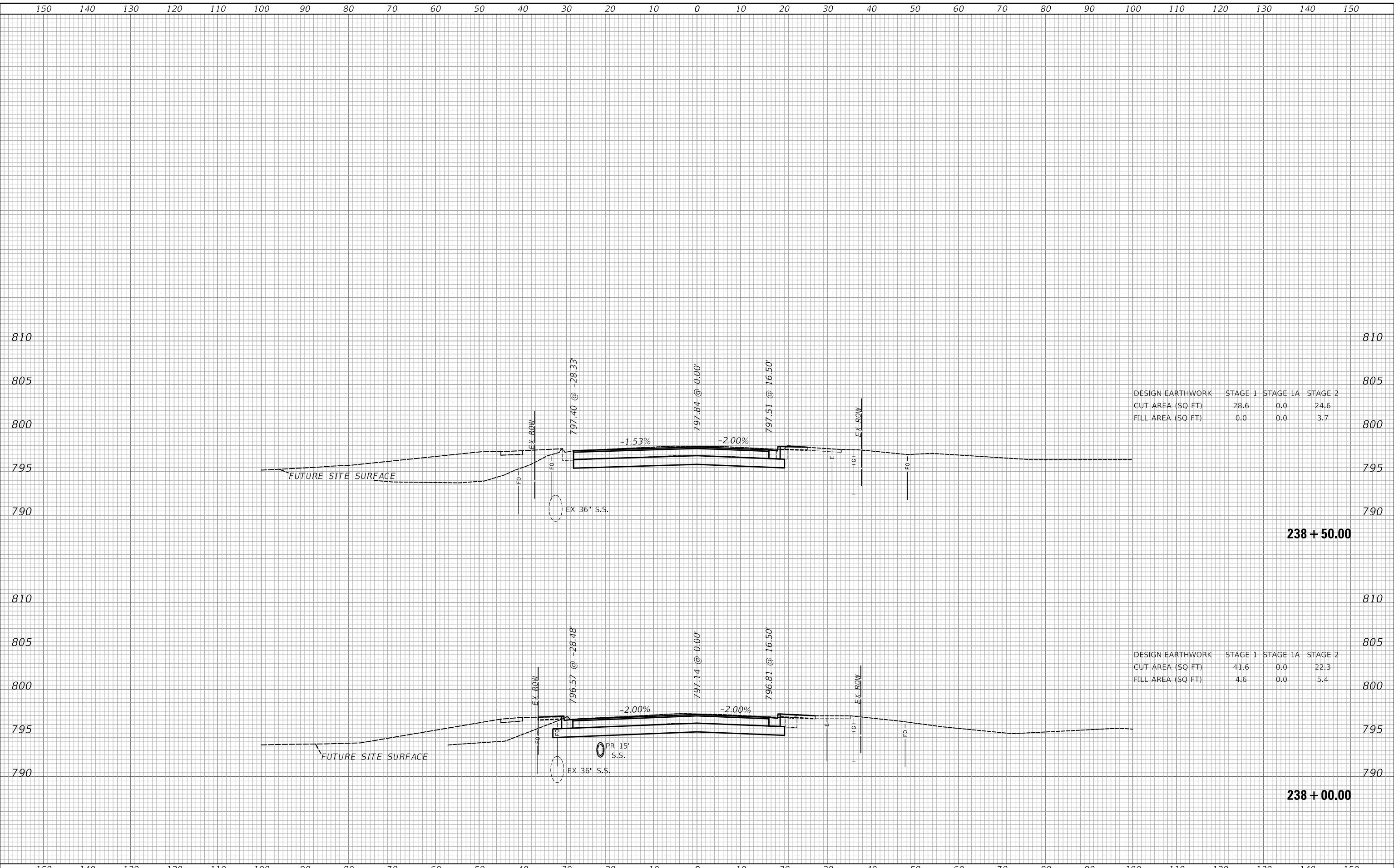
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	170
			CONTRACT NO. 61109	

ILLINOIS FED. AID PROJECT

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

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

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	28.6	0.0	24.6
FILL AREA (SQ FT)	0.0	0.0	3.7

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	41.6	0.0	22.3
FILL AREA (SQ FT)	4.6	0.0	5.4

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

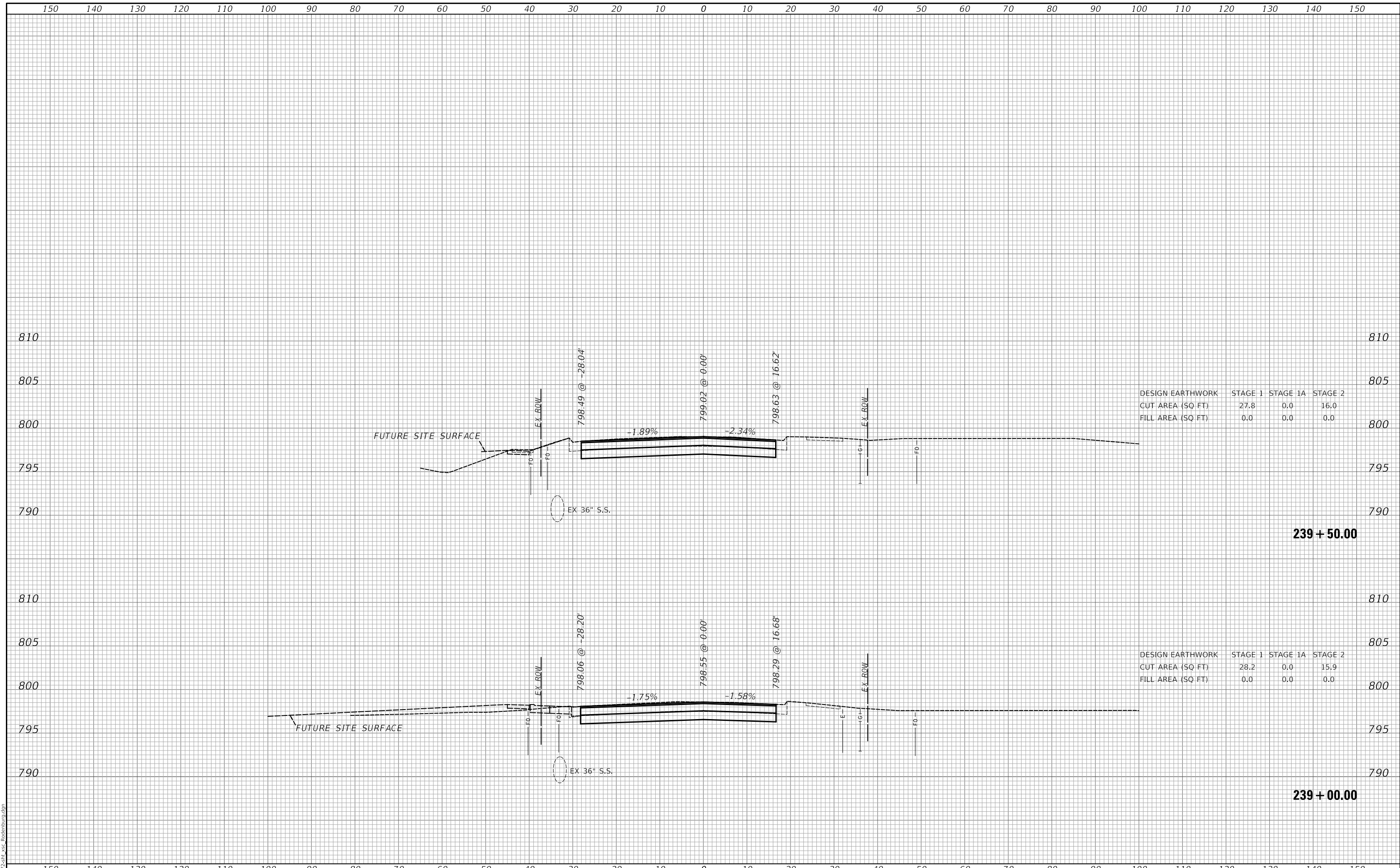
SCALE: 1"=10'H/5'V SHEET 36 OF 42 SHEETS STA. 238+00.00 TO STA. 238+50.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	171
				CONTRACT NO. 61109
				ILLINOIS FED. AID PROJECT

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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FILE NAME: ...372581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	27.8	0.0	16.0
FILL AREA (SQ FT)	0.0	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	28.2	0.0	15.9
FILL AREA (SQ FT)	0.0	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

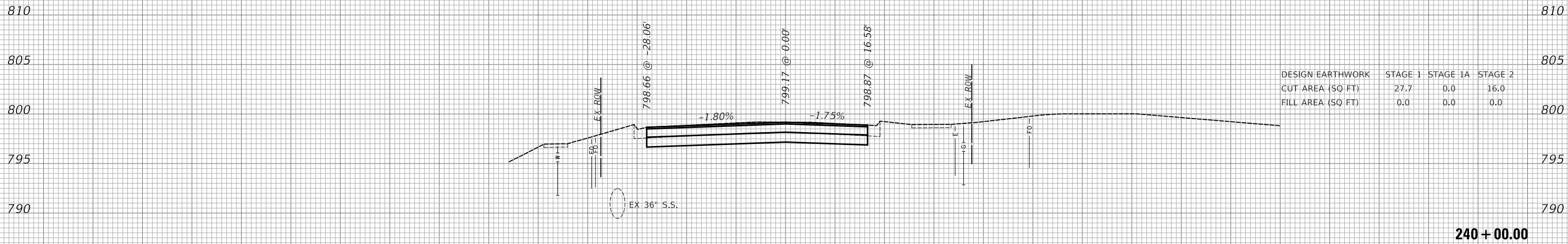
SCALE: 1"=10'H/5'V SHEET 37 OF 42 SHEETS STA. 239+00.00 TO STA. 239+50.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	172
			CONTRACT NO. 61J09	
			ILLINOIS FED. AID PROJECT	

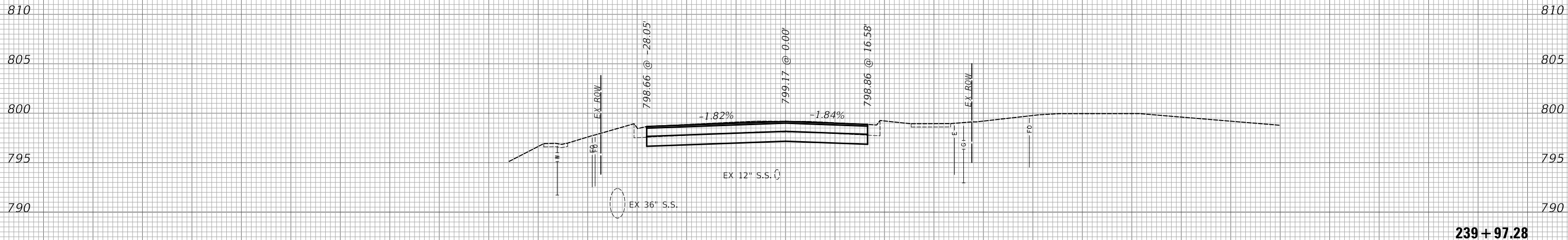
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	27.7	0.0	16.0
FILL AREA (SQ FT)	0.0	0.0	0.0



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = djk	DESIGNED - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KDC	REVISED -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISED -
	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 38 OF 42 SHEETS STA. 239+97.28 TO STA. 240+00.00

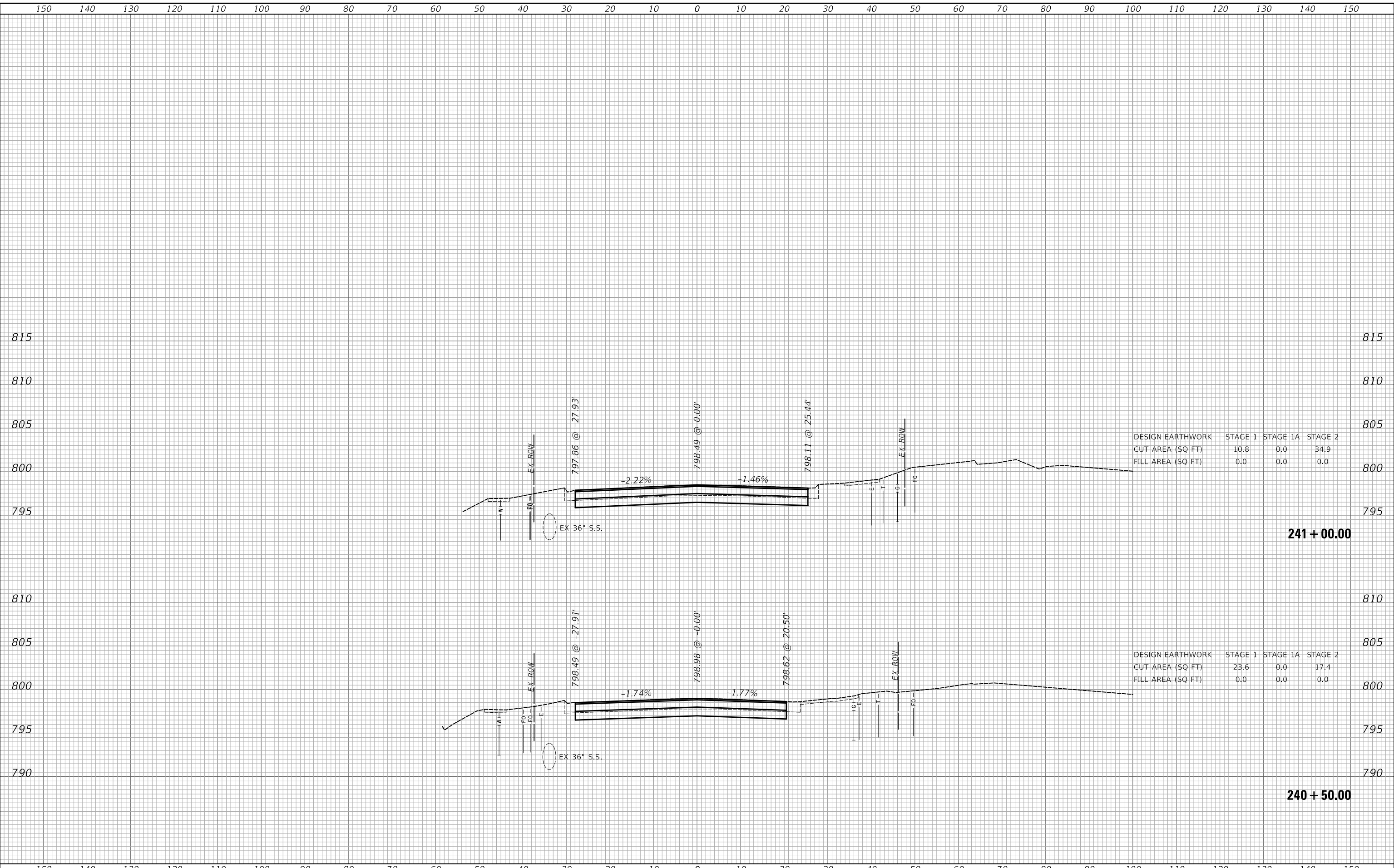
MUN. RTE. 0666	SECTION 18-00132-00-PV	COUNTY COOK / DUPAGE	TOTAL SHEETS 177	SHEET NO. 173
CONTRACT NO. 61109			ILLINOIS FED. AID PROJECT	

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FILE NAME: ...372581_xss_Rosenburg.dgn

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	10.8	0.0	34.9
FILL AREA (SQ FT)	0.0	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	23.6	0.0	17.4
FILL AREA (SQ FT)	0.0	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

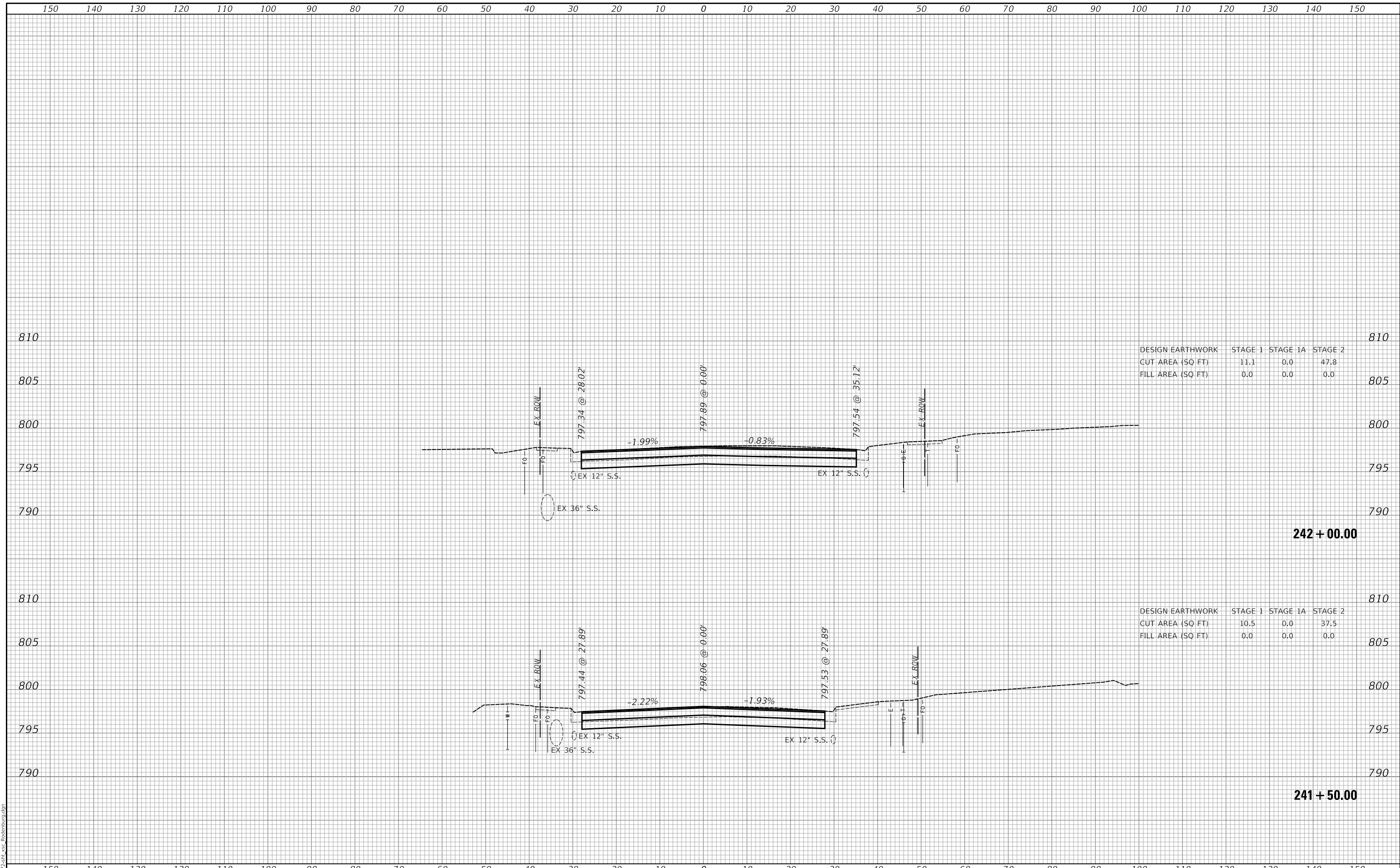
SCALE: 1"=10'H/5'V SHEET 39 OF 42 SHEETS STA. 240+50.00 TO STA. 241+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	174
				CONTRACT NO. 61J09
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

MODEL: S:\MODEL\MAMES
FILE NAME: ...3172581_xcg_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	11.1	0.0	47.8
FILL AREA (SQ FT)	0.0	0.0	0.0

DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	10.5	0.0	37.5
FILL AREA (SQ FT)	0.0	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

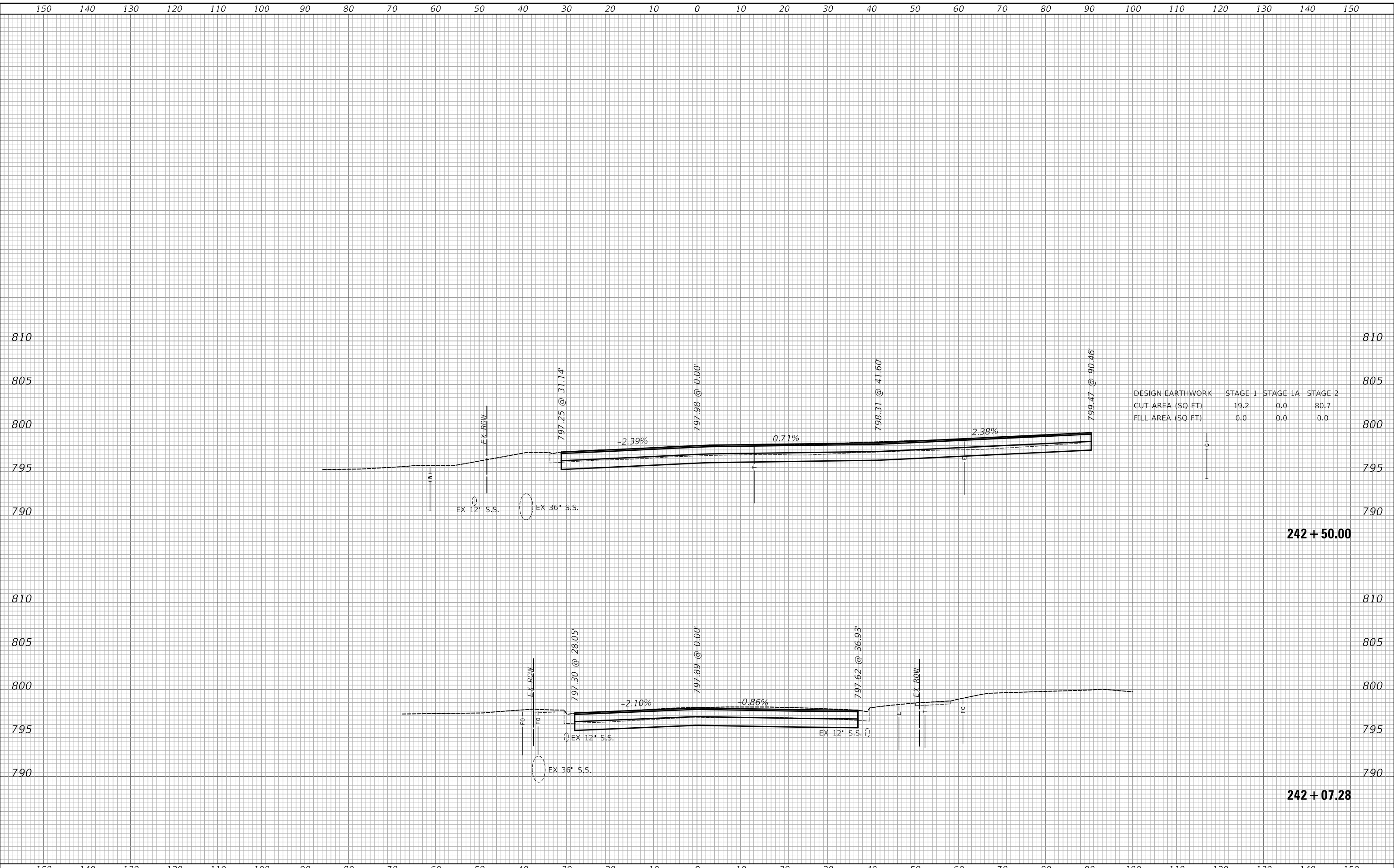
SCALE: 1"=10'H/5'V SHEET 40 OF 42 SHEETS STA. 241+50.00 TO STA. 242+00.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	175
				CONTRACT NO. 61109
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

MODEL: S:\MODEL\MAMES
FILE NAME: ...372581_xss_Rosenburg.dgn



DESIGN EARTHWORK	STAGE 1	STAGE 1A	STAGE 2
CUT AREA (SQ FT)	19.2	0.0	80.7
FILL AREA (SQ FT)	0.0	0.0	0.0

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 3/29/2023	DATE - 2/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

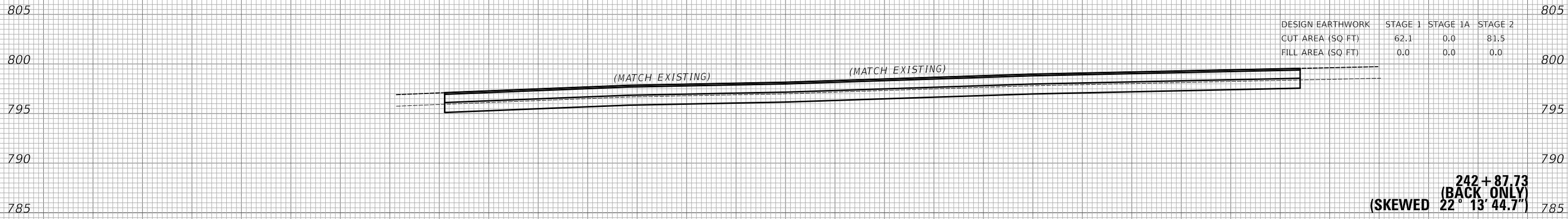
SCALE: 1"=10'H/5'V SHEET 41 OF 42 SHEETS STA. 242+07.28 TO STA. 242+50.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	176
				CONTRACT NO. 61109
				ILLINOIS FED. AID PROJECT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

MODEL: S:\MODEL\MAMES
FILE NAME: ...3727-511_xc_Rosenburg.dgn

USER NAME = djk	DESIGNED - KDC	REVISD -
PLOT SCALE = 20.0000 ' / in.	DRAWN - KDC	REVISD -
PLOT DATE = 3/29/2023	CHECKED - DJK	REVISD -
	DATE - 2/28/2023	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 42 OF 42 SHEETS STA. 242+87.37 TO STA. 242+87.37

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0666	18-00132-00-PV	COOK / DUPAGE	177	177
			CONTRACT NO. 61109	
			ILLINOIS FED. AID PROJECT	