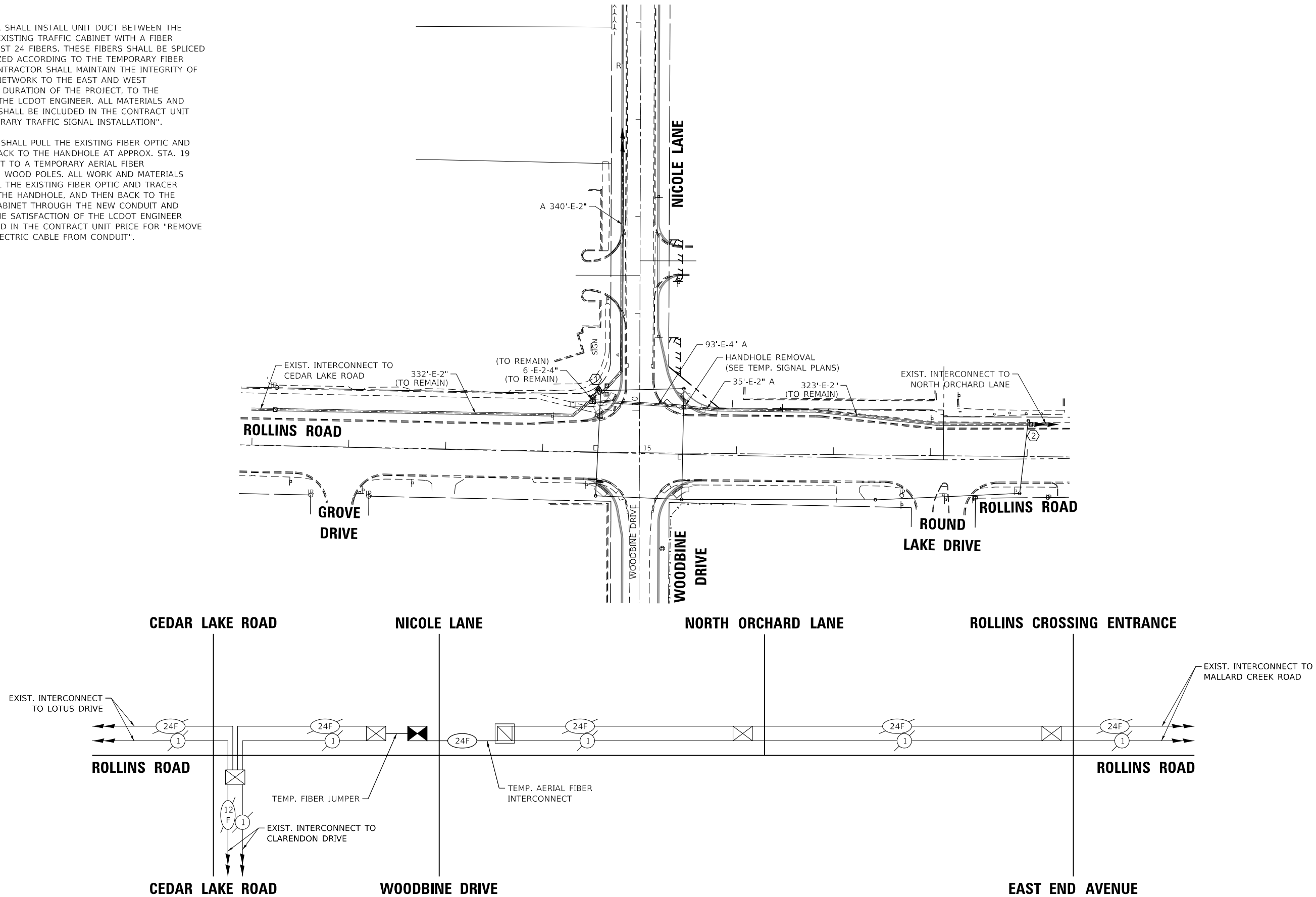


NOTE:

- ① THE CONTRACTOR SHALL INSTALL UNIT DUCT BETWEEN THE TEMPORARY AND EXISTING TRAFFIC CABINET WITH A FIBER JUMPER OF AT LEAST 24 FIBERS. THESE FIBERS SHALL BE SPLICED AND CONNECTORIZED ACCORDING TO THE TEMPORARY FIBER DIAGRAM. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE FIBER OPTIC NETWORK TO THE EAST AND WEST THROUGHOUT THE DURATION OF THE PROJECT, TO THE SATISFACTION OF THE LCDOT ENGINEER. ALL MATERIALS AND LABOR REQUIRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- ② THE CONTRACTOR SHALL PULL THE EXISTING FIBER OPTIC AND TRACER CABLES BACK TO THE HANDHOLE AT APPROX. STA. 19 +00, AND CONNECT TO A TEMPORARY AERIAL FIBER INTERCONNECT ON WOOD POLES. ALL WORK AND MATERIALS REQUIRED TO PULL THE EXISTING FIBER OPTIC AND TRACER CABLES BACK TO THE HANDHOLE, AND THEN BACK TO THE TRAFFIC SIGNAL CABINET THROUGH THE NEW CONDUIT AND HANDHOLES TO THE SATISFACTION OF THE LCDOT ENGINEER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT".



ECON INT 398

FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED -
4600.034-shr-TS-Int.dgn		DRAWN - ZCW	REVISED -
4600.054	PLOT SCALE = 1:100	CHECKED - RJH	REVISED -
Temp Plan	PLOT DATE = 4/10/2025	DATE - 4/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT AND SCHEMATIC
ROLLINS ROAD

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
120/005	17-00080-00-PV	LAKE	150	101
CONTRACT NO. 61J86				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED -
4600.034-shr-TS-Int.dgn		DRAWN - ZCW	REVISED -
4600.054	PLOT SCALE = 1:100	CHECKED - RJH	REVISED -
Perm Plan	PLOT DATE = 4/10/2025	DATE - 4/10/2025	REVISED -

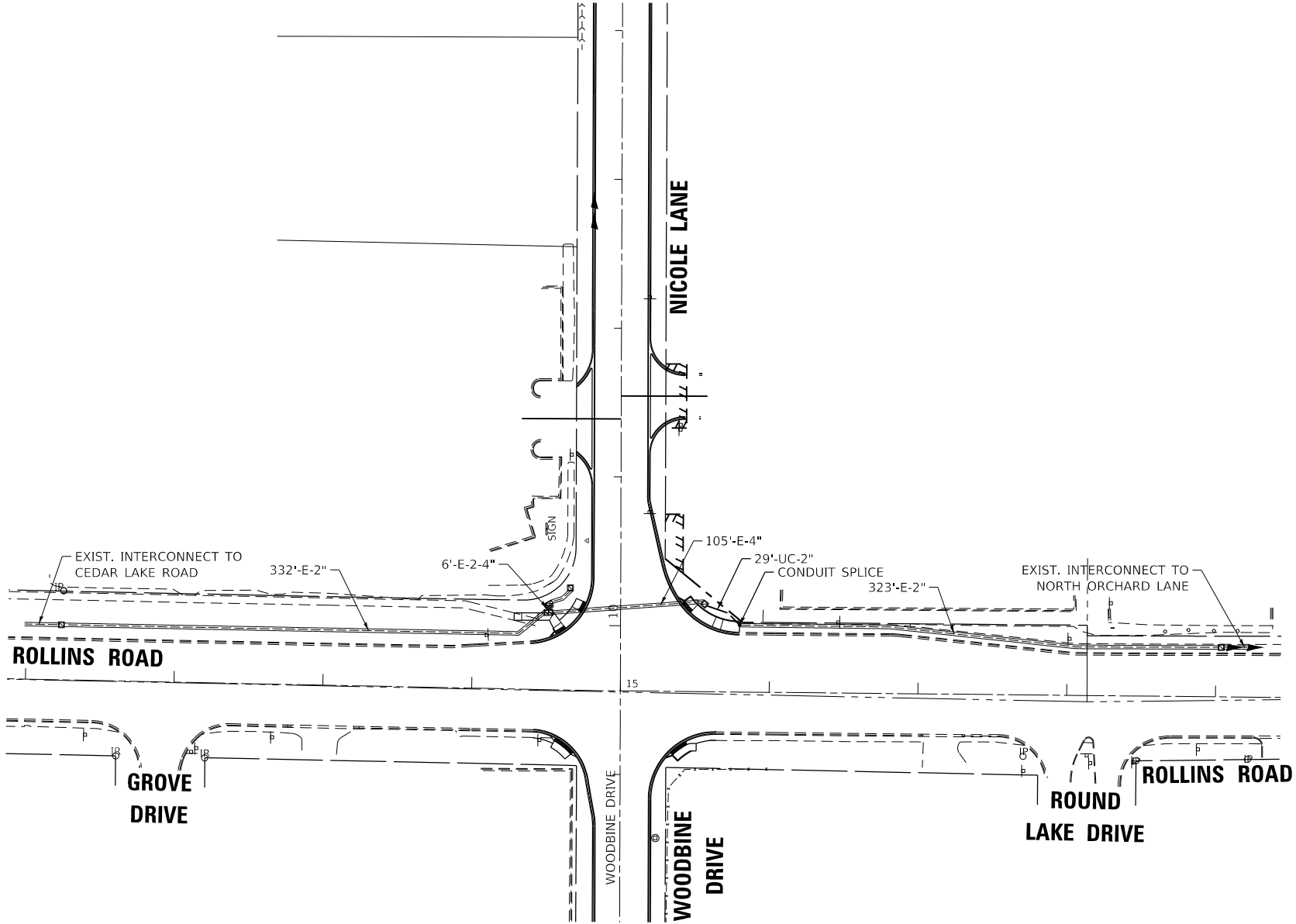
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT INTERCONNECT PLAN
ROLLINS ROAD

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
120/005	17-00080-00-PV	LAKE	150	102
CONTRACT NO. 61J86				
ILLINOIS FED. AID PROJECT				

ECON INT 398



FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED -
4600.034-shr-TS-Int.dgn		DRAWN - ZCW	REVISED -
4600.054	PLOT SCALE = 1:40	CHECKED - RJH	REVISED -
Perm Schematic	PLOT DATE = 4/10/2025	DATE - 4/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

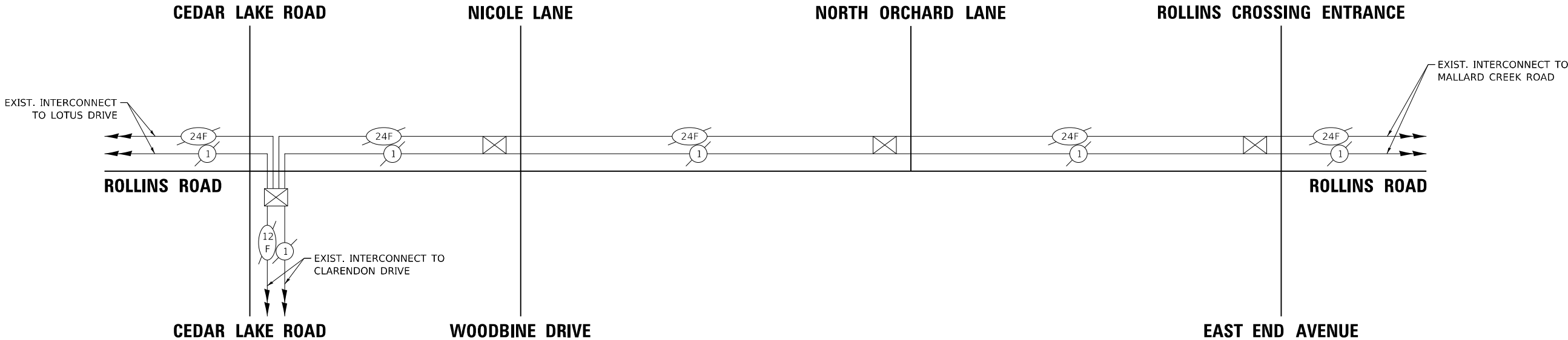
PERMANENT INTERCONNECT AND SCHEDULE OF QUANTITIES

ROLLINS ROAD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

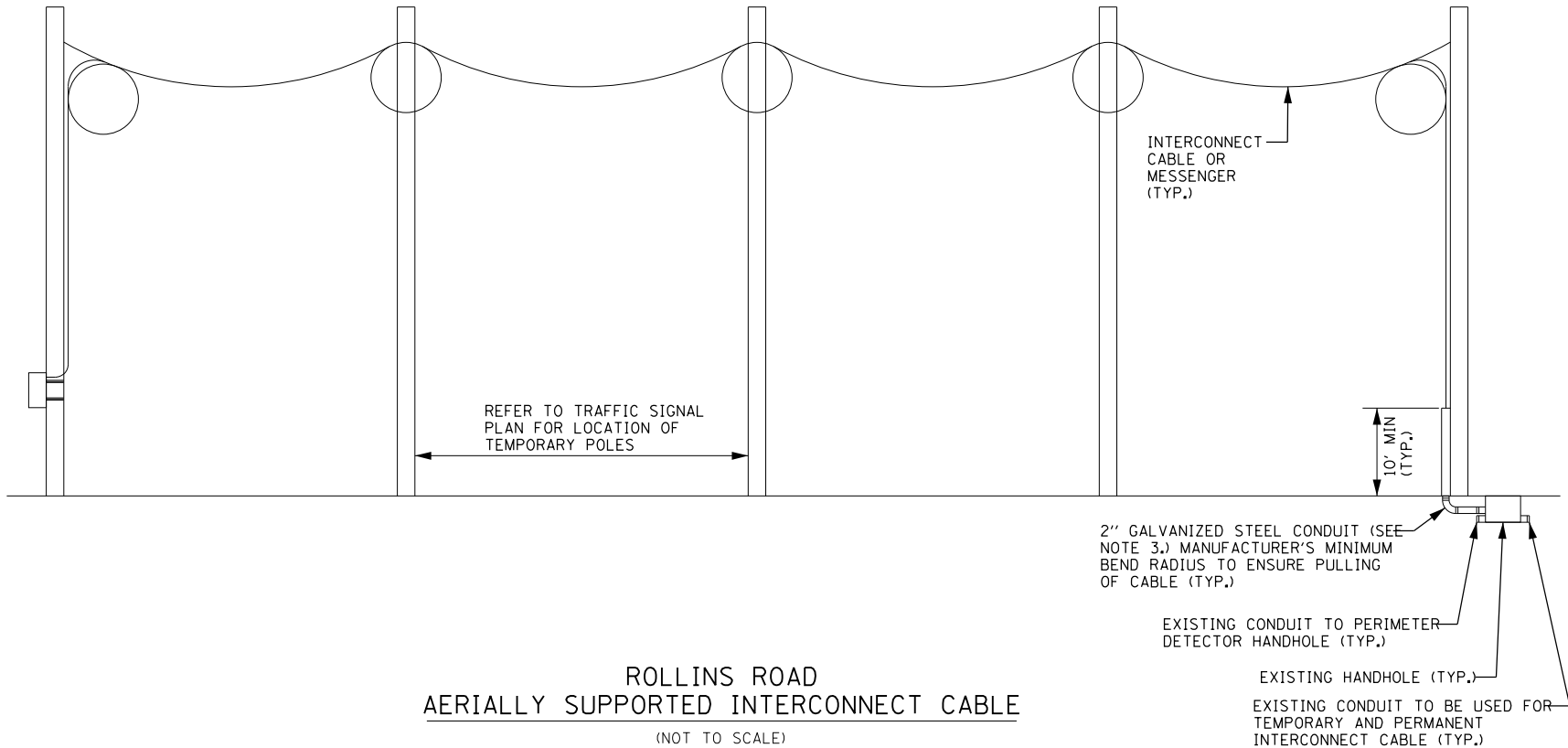
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
120/005	17-00080-00-PV	LAKE	150	103
				CONTRACT NO. 61J86
		ILLINOIS	FED. AID PROJECT	

ECON INT 398



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	29
CONDUIT SPLICE	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	987
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1



NOTES:

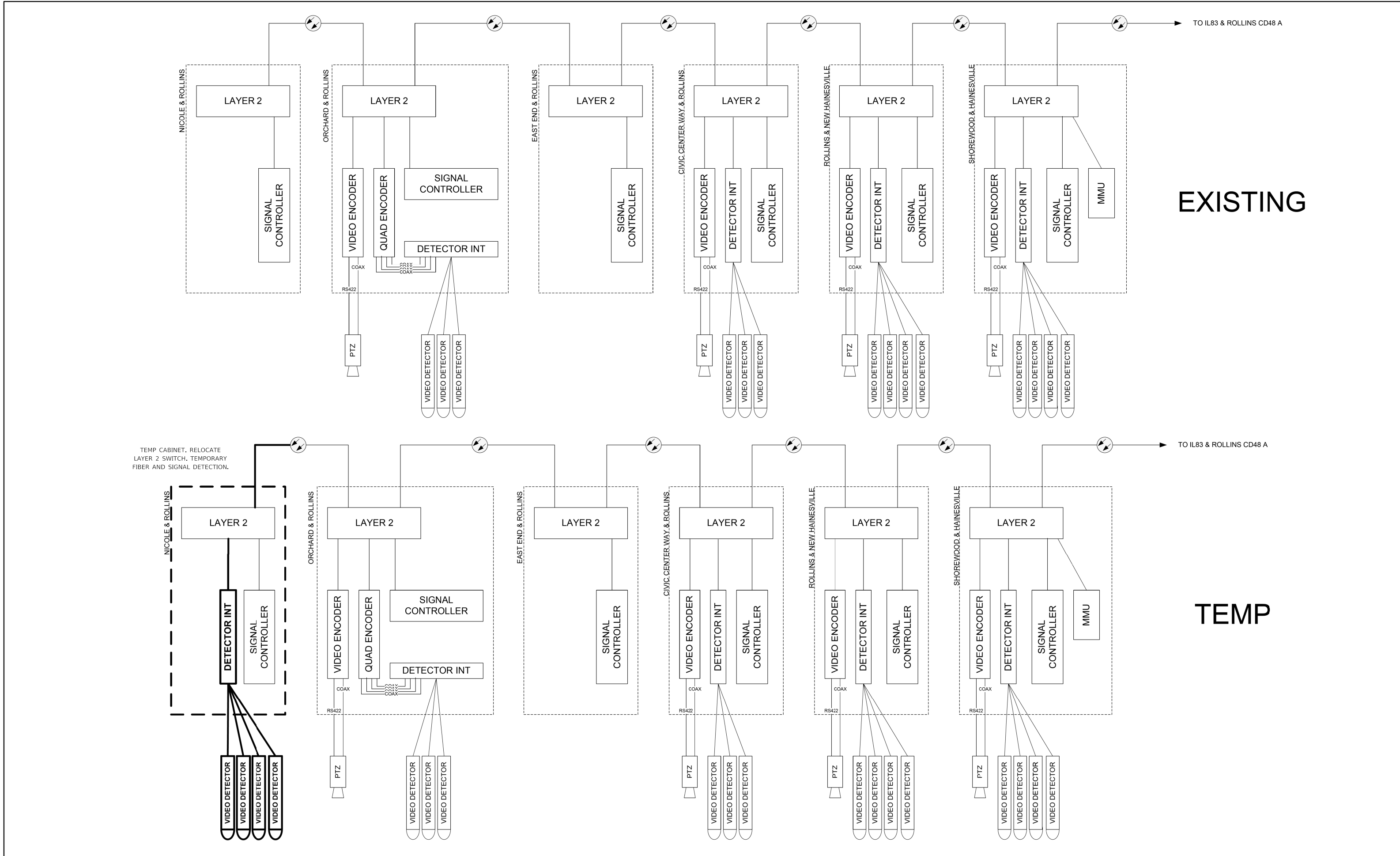
1. TRANSFER OF EXISTING TO TEMPORARY INTERCONNECT CABLE AND TEMPORARY INTERCONNECT CABLE TO PROPOSED MUST BE COMPLETED IN ONE (1) WORKING DAY DURING NON-PEAK HOURS OR AS DIRECTED BY THE ENGINEER.
2. AFTER PROPOSED INTERCONNECT IS TURNED ON, THE EXISTING INTERCONNECT CABLE SHALL BE REMOVED.
3. THE 2" CONDUIT USED FOR THE TEMPORARY INTERCONNECT CABLE SHALL BE REMOVED TO BELOW THE GROUND LEVEL AND CAPPED AT THE TIME THE TEMPORARY TRAFFIC SIGNAL IS REMOVED. THE CONDUIT, AS WELL AS ALL WORK ASSOCIATED WITH THE INSTALLATION AND REMOVAL OF IT, SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM, "TEMPORARY TRAFFIC SIGNAL SYSTEM".
4. CONTRACTOR MUST NOTIFY IDOT AND LCDOT SIGNAL SYSTEM ENGINEERS A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO THE START OF ANY WORK ON THE INTERCONNECT SIGNAL SYSTEM.

FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED -
IDOT-StdDetails.dgn		DRAWN - ZCW	REVISED -
4600.054	PLOT SCALE = 1:2	CHECKED - RJH	REVISED -
Aerial Fiber Detail	PLOT DATE = 4/10/2025	DATE - 4/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

AERIAL FIBER TEMPORARY INTERCONNECT DETAIL			
ROLLINS ROAD			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
120/005	17-00080-00-PV	LAKE	150	104
				CONTRACT NO. 61J86
		ILLINOIS	FED. AID PROJECT	

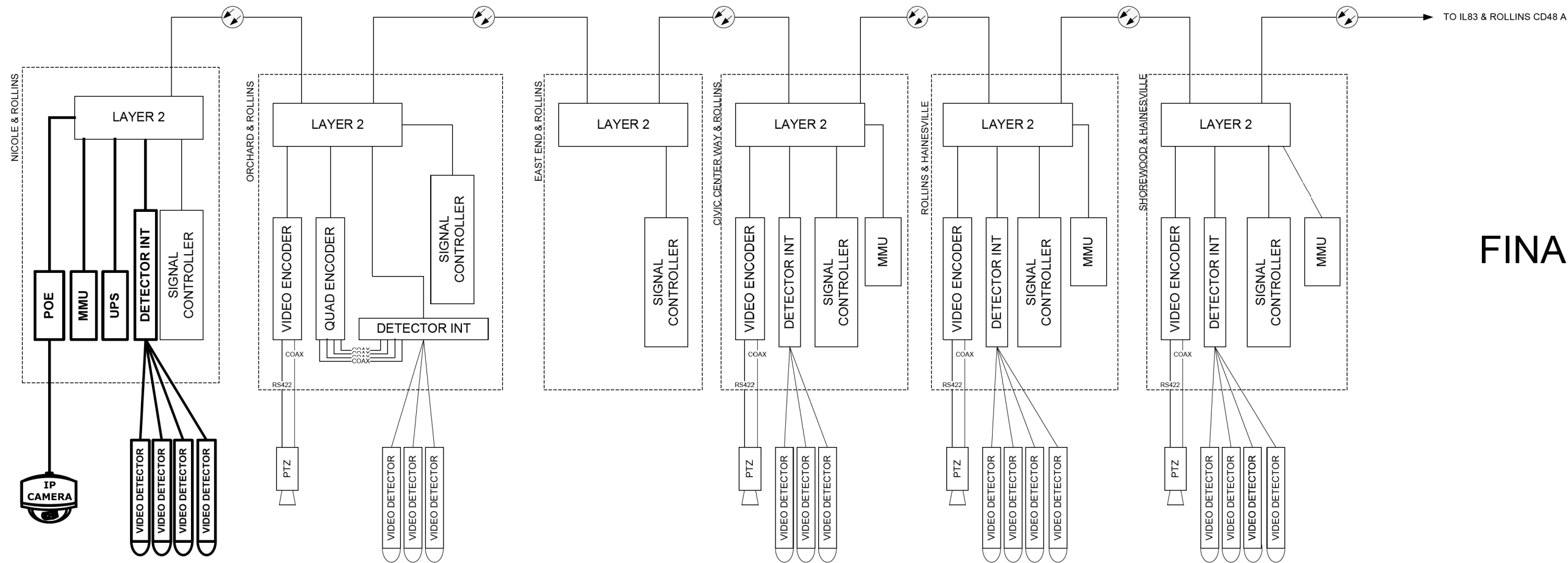


DESIGNED – DG	REVISED -
DRAWN – DG	REVISED -
CHECKED – DG	REVISED -
UPDATED: 2025.3.4	REVISED -

Section No.
17-00080-00PV

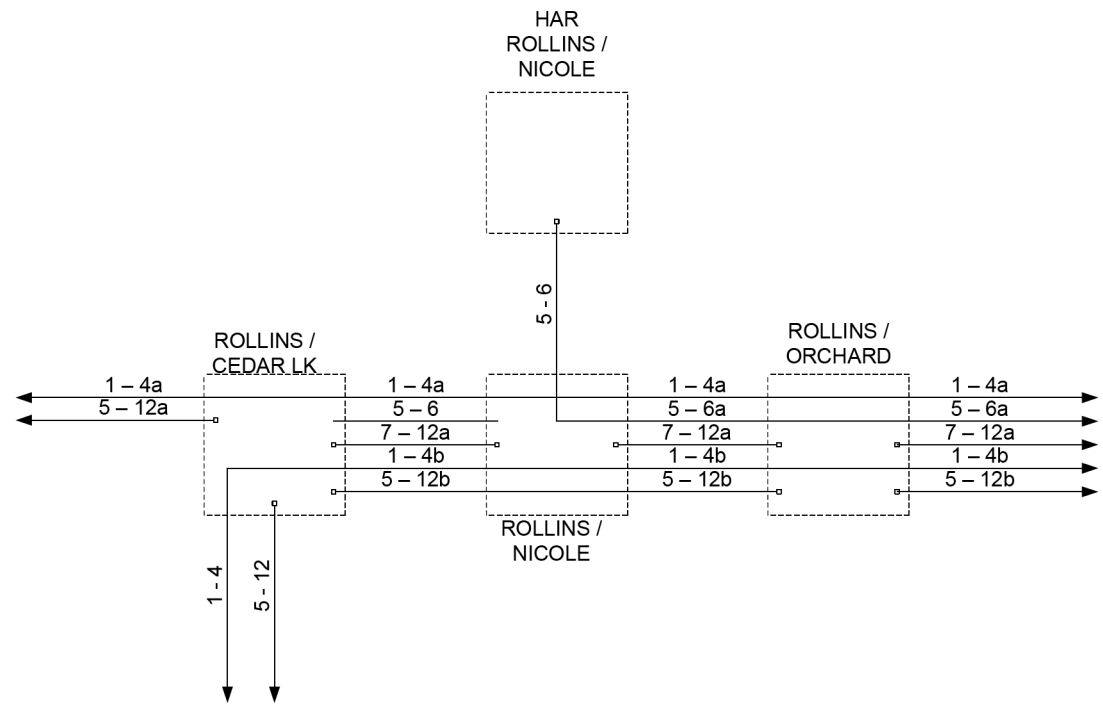
48D1 ROLLINS / IL83

ROUTE	SECTION	ROUTE SECTION	PAGE NAME	SHEET	SHEETS
1061			48D1 P	106	150
SCALE N/A					

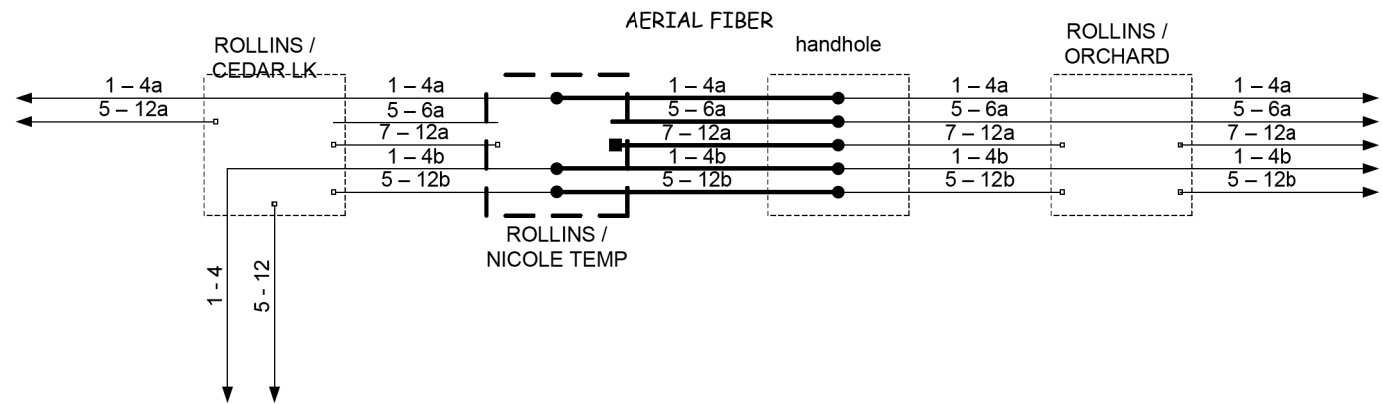


FINAL

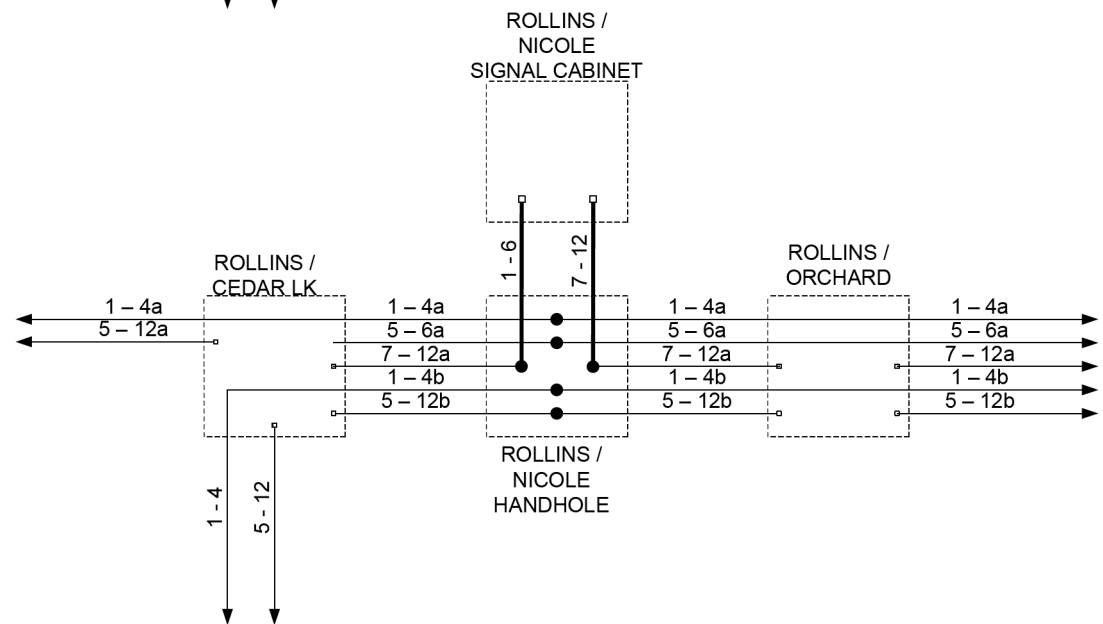
- EXISTING CONNECTOR / EXISTING FIBER
- NEW CONNECTOR / EXISTING FIBER
- EXISTING FUSION SPLICE / EXISTING FIBER
- NEW FUSION SPLICE / EXISTING FIBER
- NEW CONNECTOR / NEW FIBER
- NEW FUSION SPLICE / NEW FIBER



EXISTING



TEMP



FINAL



DESIGNED – DG	REVISED -
DRAWN – DG	REVISED -
CHECKED – DG	REVISED -
UPDATED: 2025.3.4	REVISED -

Section No.
17-00080-00PV



ROLLINS / NICOLE FIBER SPLICING DIAGRAM
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ROUTE	SECTION	ROUTE SECTION	PAGE NAME	SHEET	SHEETS
1061			FSD36	107	150
SCALE N/A					



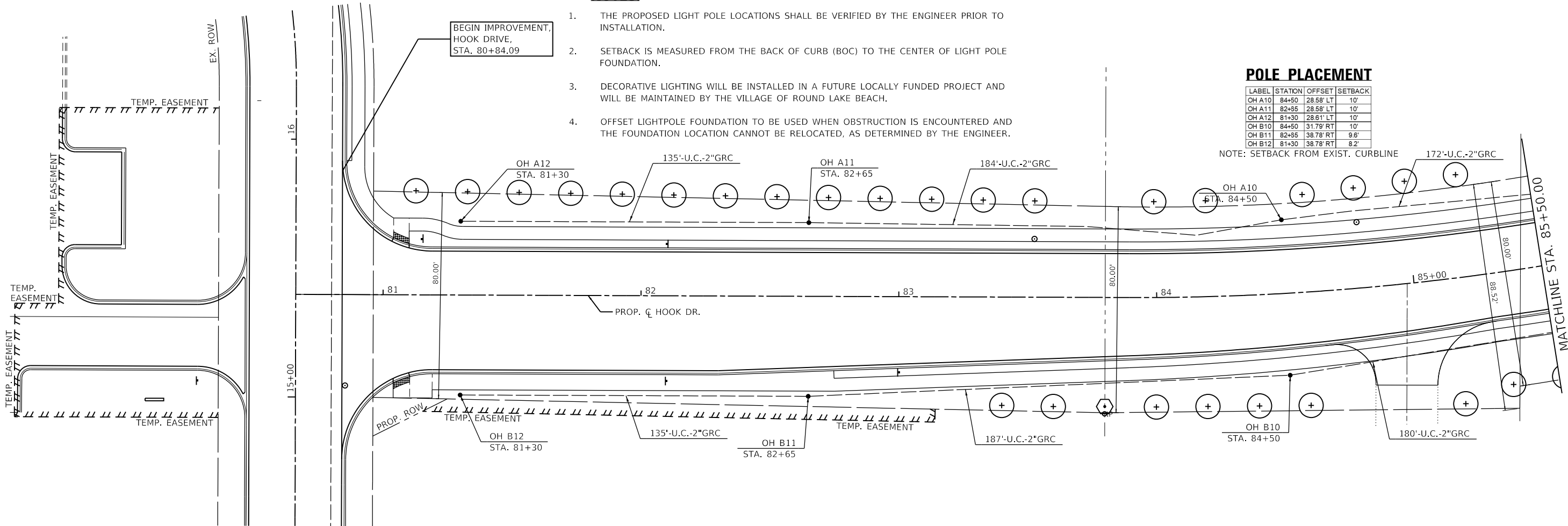
NOTES:

1. THE PROPOSED LIGHT POLE LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
2. SETBACK IS MEASURED FROM THE BACK OF CURB (BOC) TO THE CENTER OF LIGHT POLE FOUNDATION.
3. DECORATIVE LIGHTING WILL BE INSTALLED IN A FUTURE LOCALLY FUNDED PROJECT AND WILL BE MAINTAINED BY THE VILLAGE OF ROUND LAKE BEACH.
4. OFFSET LIGHTPOLE FOUNDATION TO BE USED WHEN OBSTRUCTION IS ENCOUNTERED AND THE FOUNDATION LOCATION CANNOT BE RELOCATED, AS DETERMINED BY THE ENGINEER.

POLE PLACEMENT

LABEL	STATION	OFFSET	SETBACK
OH A10	84+50	28.58' LT	10'
OH A11	82+65	28.58' LT	10'
OH A12	81+30	28.61' LT	10'
OH B10	84+50	31.79' RT	10'
OH B11	82+65	38.78' RT	9.6'
OH B12	81+30	38.78' RT	8.2'

NOTE: SETBACK FROM EXIST. CURBLINE



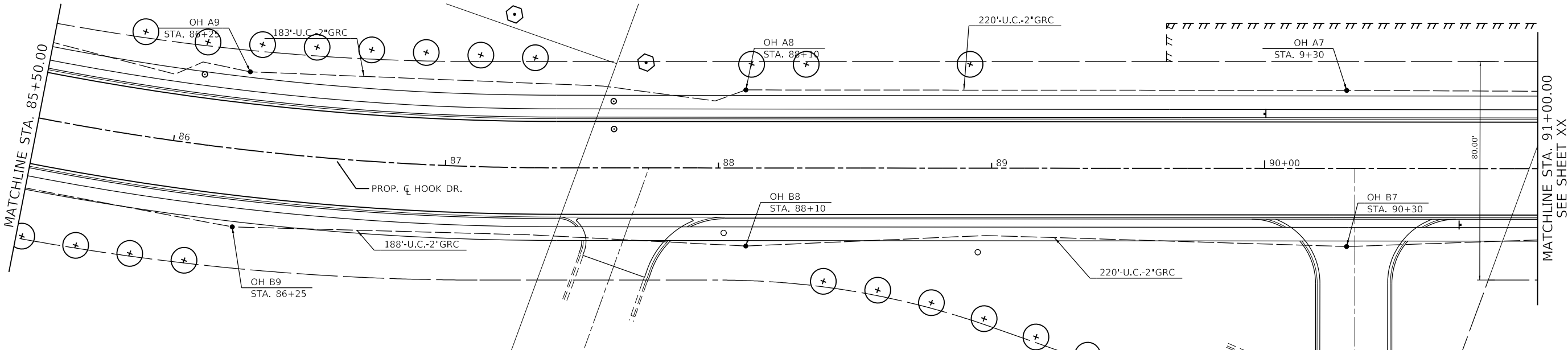
POLE PLACEMENT

LABEL	STATION	OFFSET	SETBACK
OH A7	90+30	28.58' LT	10'
OH A8	88+10	28.58' LT	10'
OH A9	86+25	28.58' LT	10'
OH B7	90+30	28.58' RT	10'
OH B8	88+10	28.58' RT	10'
OH B9	86+25	28.58' RT	10'

NOTE: SETBACK FROM EXIST. CURBLINE

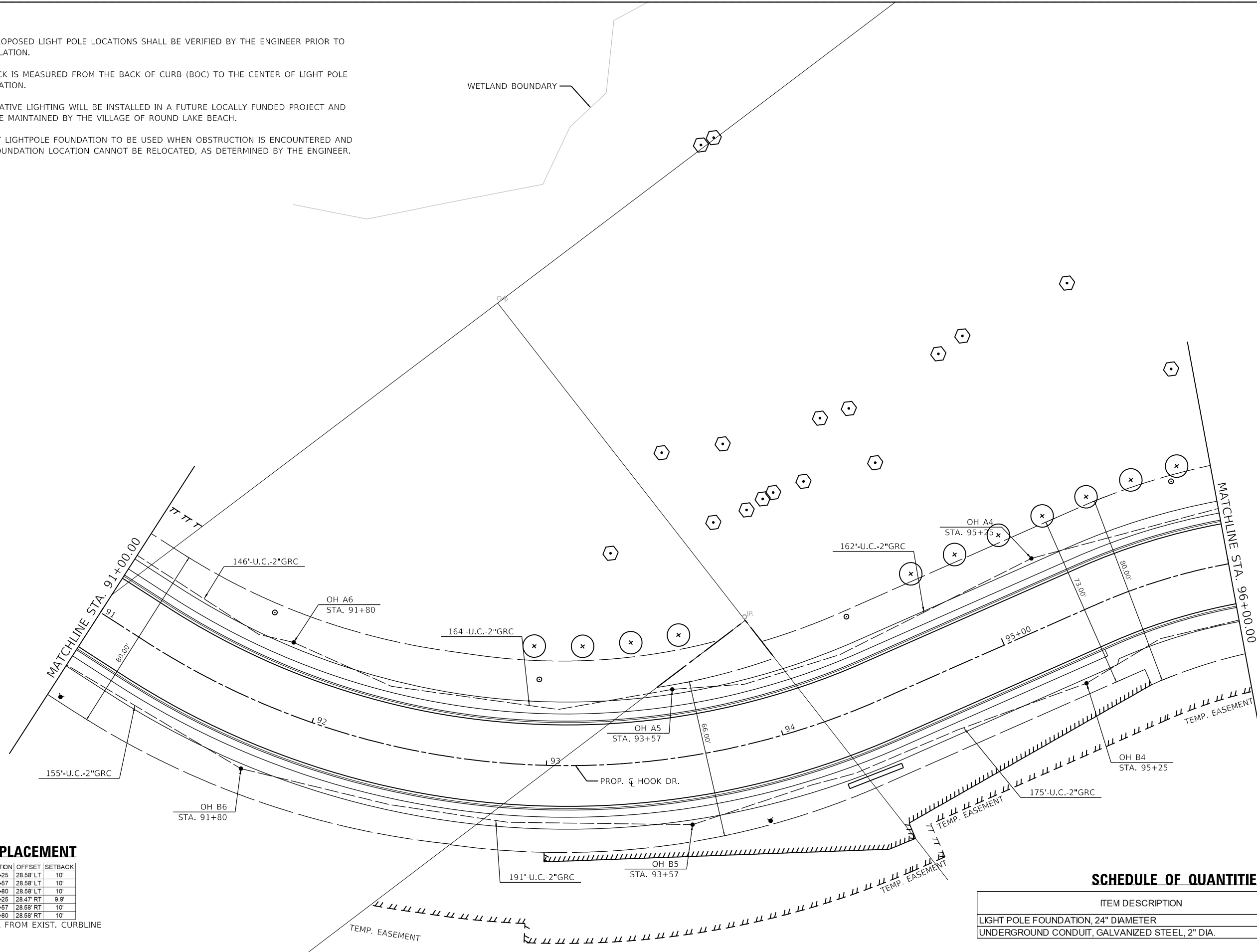
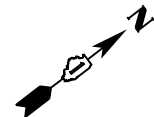
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	60
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,804



NOTES:

1. THE PROPOSED LIGHT POLE LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
2. SETBACK IS MEASURED FROM THE BACK OF CURB (BOC) TO THE CENTER OF LIGHT POLE FOUNDATION.
3. DECORATIVE LIGHTING WILL BE INSTALLED IN A FUTURE LOCALLY FUNDED PROJECT AND WILL BE MAINTAINED BY THE VILLAGE OF ROUND LAKE BEACH.
4. OFFSET LIGHTPOLE FOUNDATION TO BE USED WHEN OBSTRUCTION IS ENCOUNTERED AND THE FOUNDATION LOCATION CANNOT BE RELOCATED, AS DETERMINED BY THE ENGINEER.



POLE PLACEMENT

LABEL	STATION	OFFSET	SETBACK
OH A4	95+25	28.58' LT	10'
OH A5	93+57	28.58' LT	10'
OH A6	91+80	28.58' LT	10'
OH B4	95+25	28.47' RT	9.9'
OH B5	93+57	28.58' RT	10'
OH B6	91+80	28.58' RT	10'

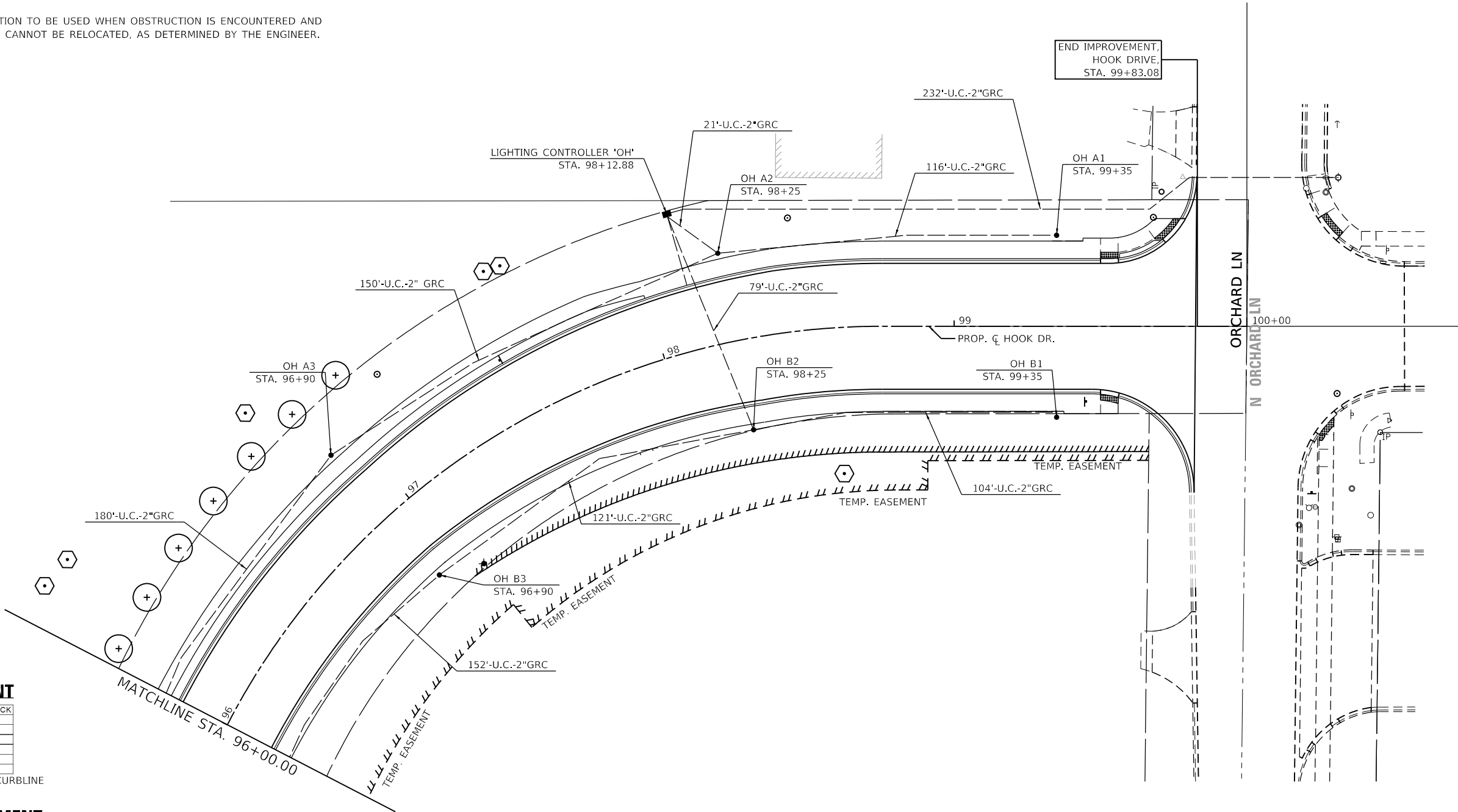
NOTE: SETBACK FROM EXIST. CURBLINE

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	993

NOTES:

- THE PROPOSED LIGHT POLE LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
- SETBACK IS MEASURED FROM THE BACK OF CURB (BOC) TO THE CENTER OF LIGHT POLE FOUNDATION.
- DECORATIVE LIGHTING WILL BE INSTALLED IN A FUTURE LOCALLY FUNDED PROJECT AND WILL BE MAINTAINED BY THE VILLAGE OF ROUND LAKE BEACH.
- OFFSET LIGHTPOLE FOUNDATION TO BE USED WHEN OBSTRUCTION IS ENCOUNTERED AND THE FOUNDATION LOCATION CANNOT BE RELOCATED, AS DETERMINED BY THE ENGINEER.



POLE PLACEMENT

LABEL	STATION	OFFSET	SETBACK
OH A1	99+35	31.08' LT	8'
OH A2	98+25	30.59' LT	8'
OH A3	96+90	28.58' LT	10'
OH B1	99+35	31.08' RT	8'
OH B2	98+25	30.93' RT	8'
OH B3	96+90	28.59' RT	8'

NOTE: SETBACK FROM EXIST. CURBLINE

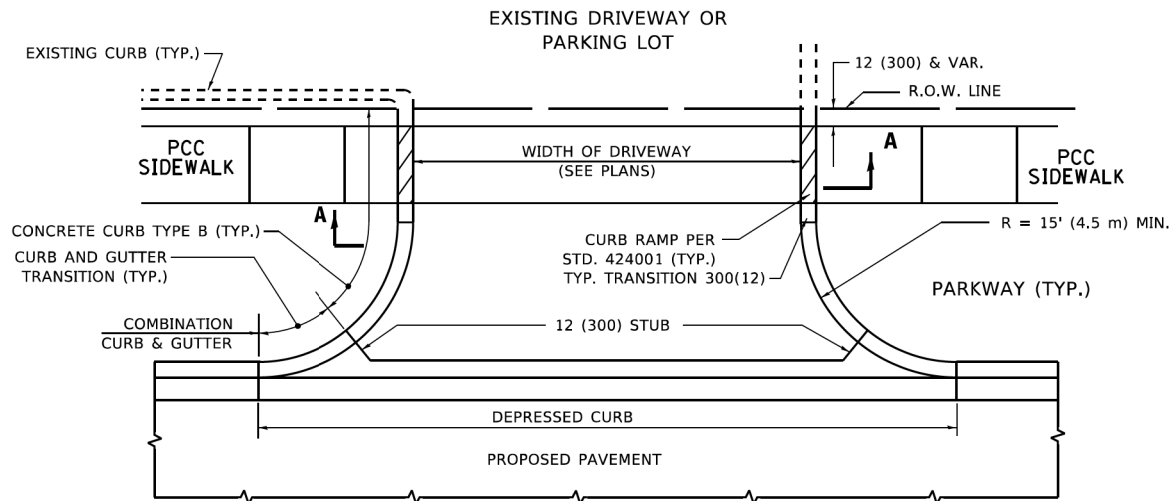
CONTROLLER PLACEMENT

LABEL	STATION	OFFSET	SETBACK
LIGHTING CONTROLLER 'OH'	98+12.88	47.57' LT	25'

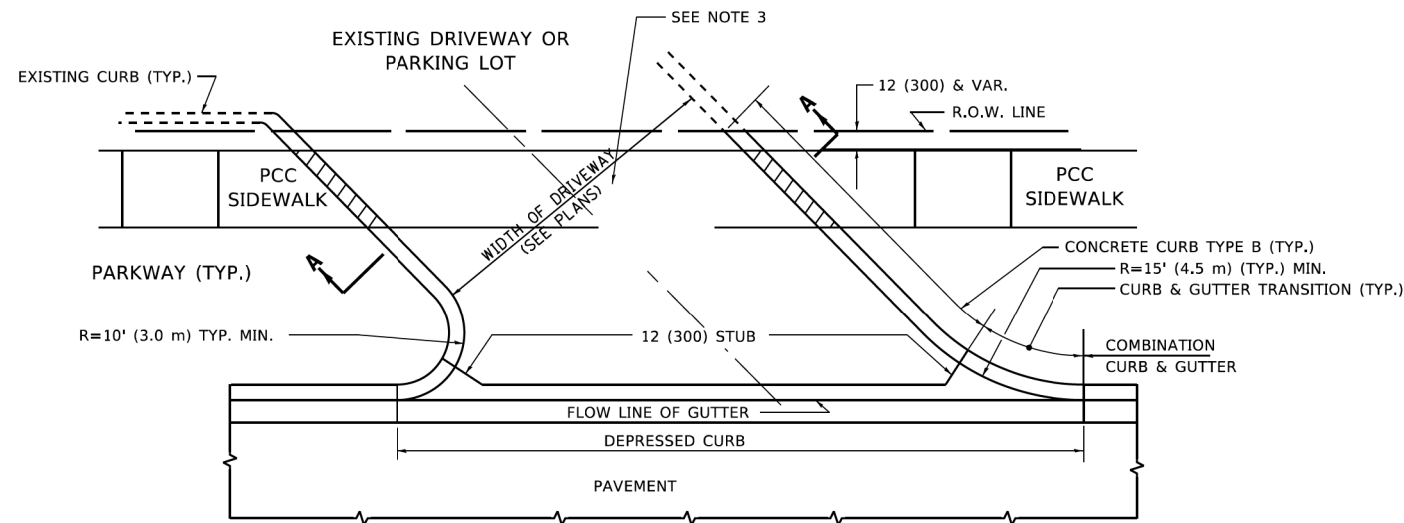
NOTE: SETBACK FROM EXIST. CURBLINE

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
LIGHTING CONTROLLER FOUNDATION	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1055



WITH CONCRETE CURB, TYPE B



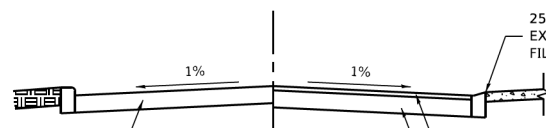
WITH CONCRETE CURB, TYPE B

RIGID DRIVEWAY

COMMERCIAL ENTRANCE (CE):
PCC DRIVEWAY PAVEMENT 8 (200)
MEASURED IN SQ. YD. (m²)

PRIVATE ENTRANCE (PE):
PCC DRIVEWAY PAVEMENT 6 (150)
MEASURED IN SQ. YD. (m²)

SECTION A-A

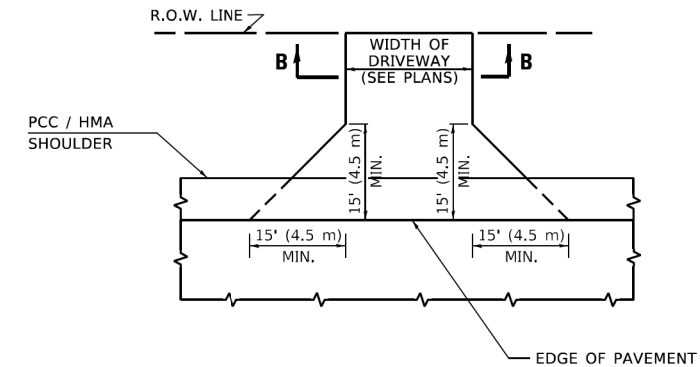


HMA DRIVEWAY

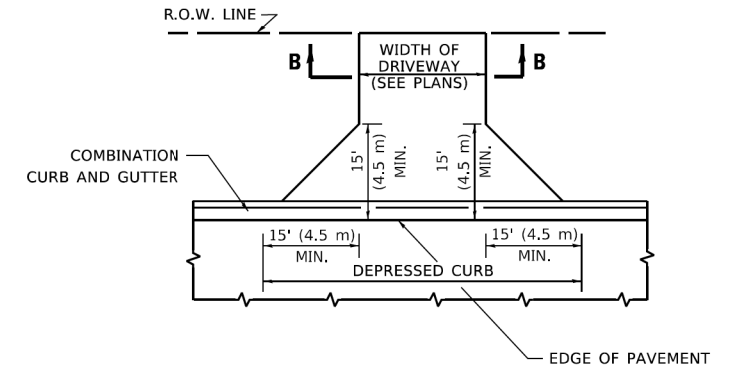
HMA SURFACE COURSE,
MIX "D", IL-9.5, N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

COMMERCIAL ENTRANCE (CE):
HMA BASE COURSE, 8 (200)
MEASURED IN SQ. YD. (m²).

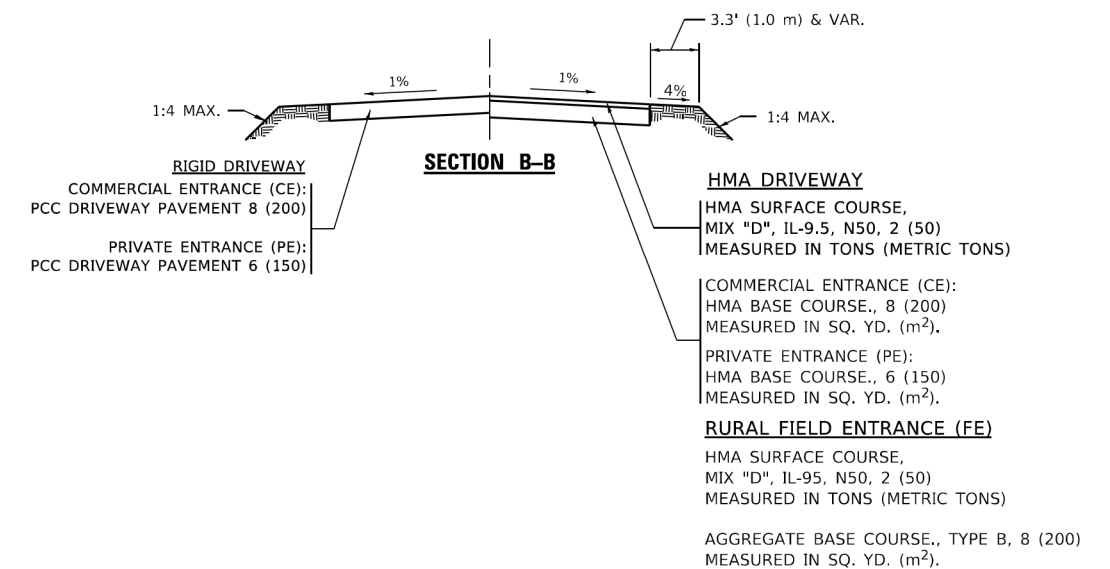
PRIVATE ENTRANCE (PE):
HMA BASE COURSE, 6 (150)
MEASURED IN SQ. YD. (m²).



ADJACENT TO PCC /HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

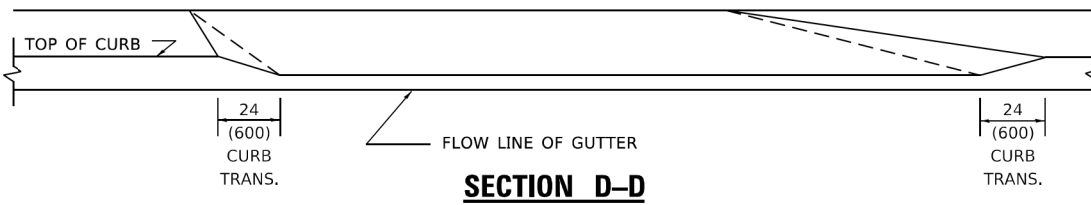
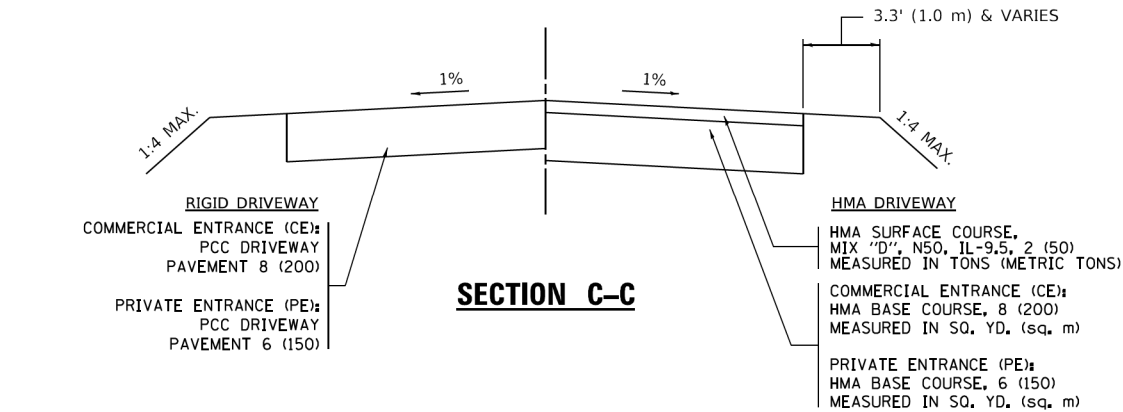
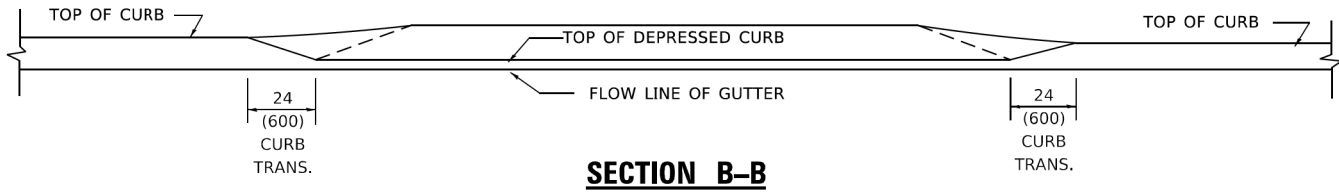
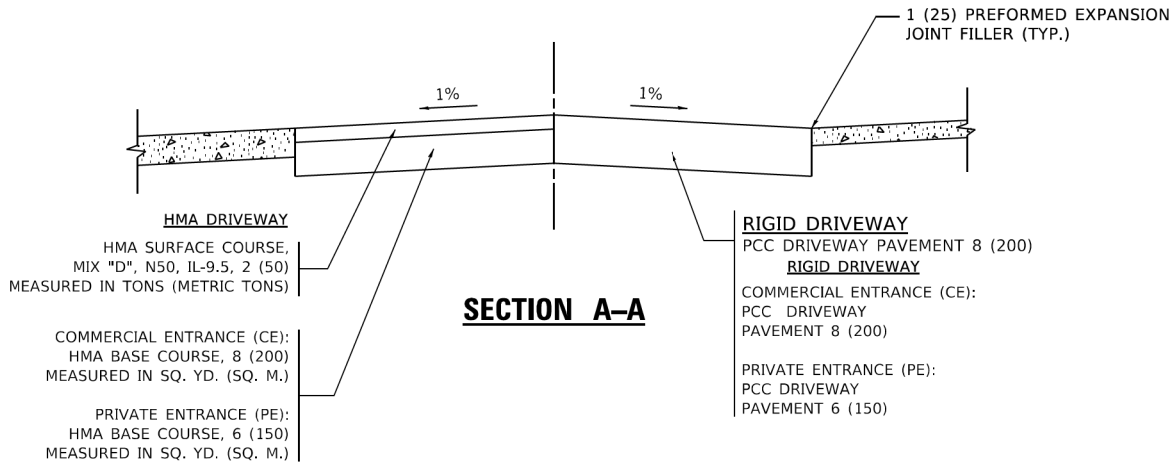
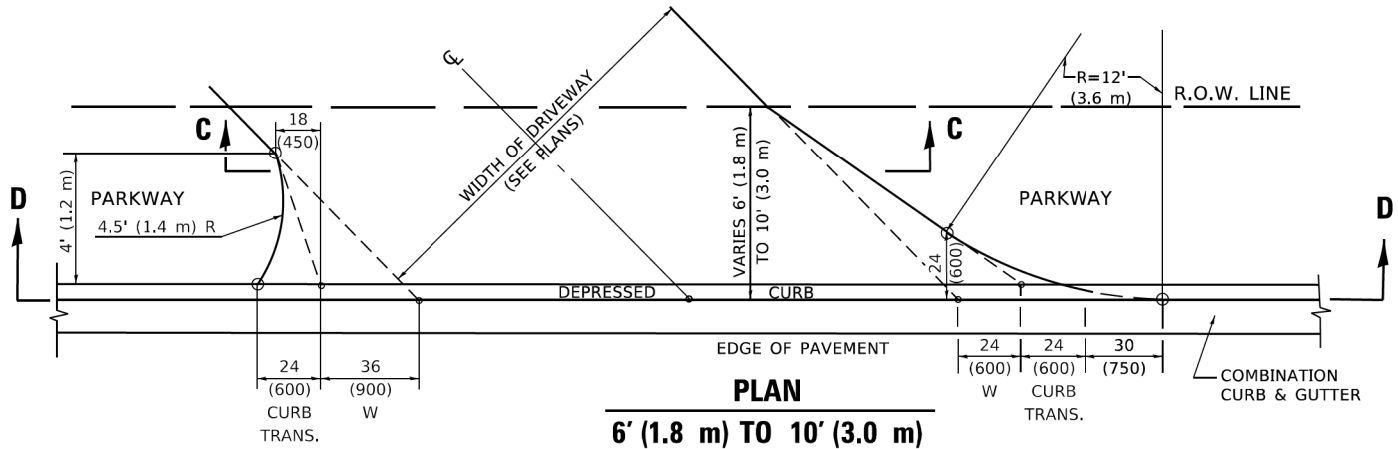
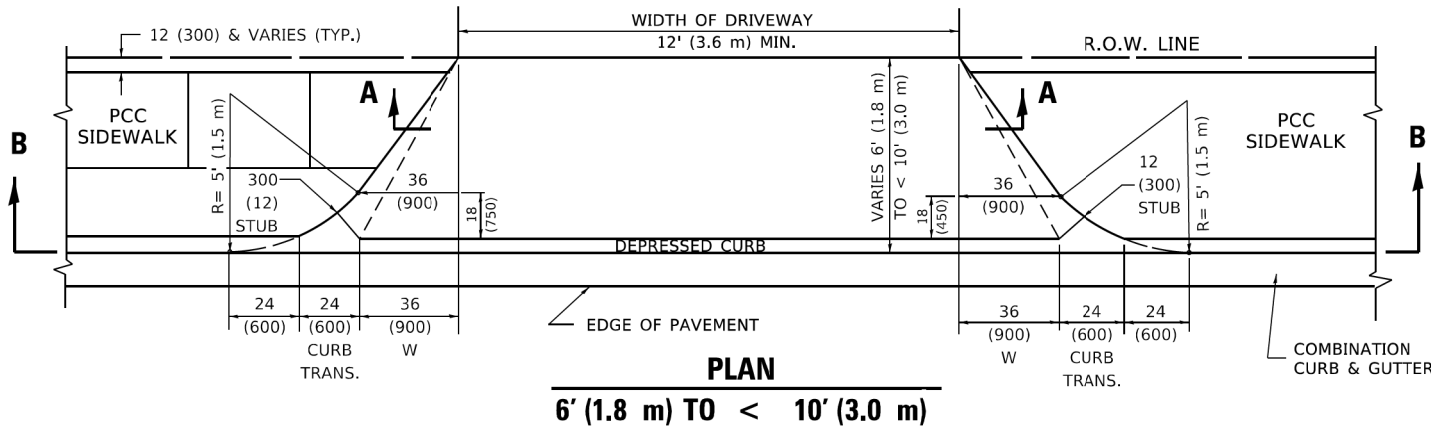
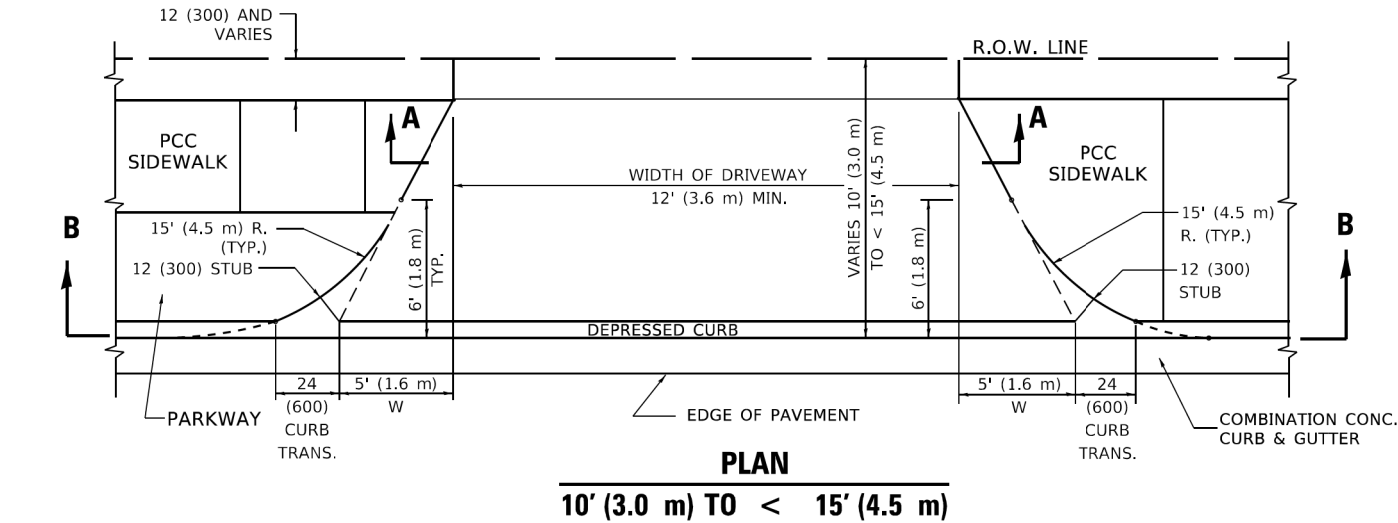
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE NOTED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	111
BD400-01 (BD-01)		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
- WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
- "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

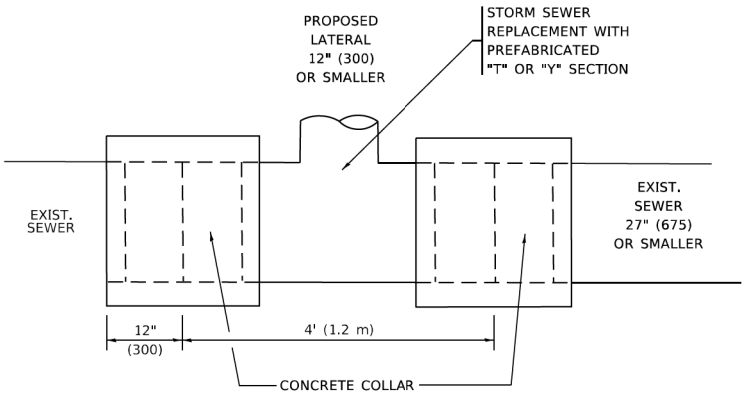
FILE NAME =	USER NAME = mvasak	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
IDOT-StdDetails.dgn		DRAWN -	REVISED - R. BORO 09-06-11
4600.054		CHECKED -	REVISED - K. SMITH 08-27-19
IDOT D1 STANDARD BD02	PLOT DATE = 4/10/2025	DATE - 11-06-95	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

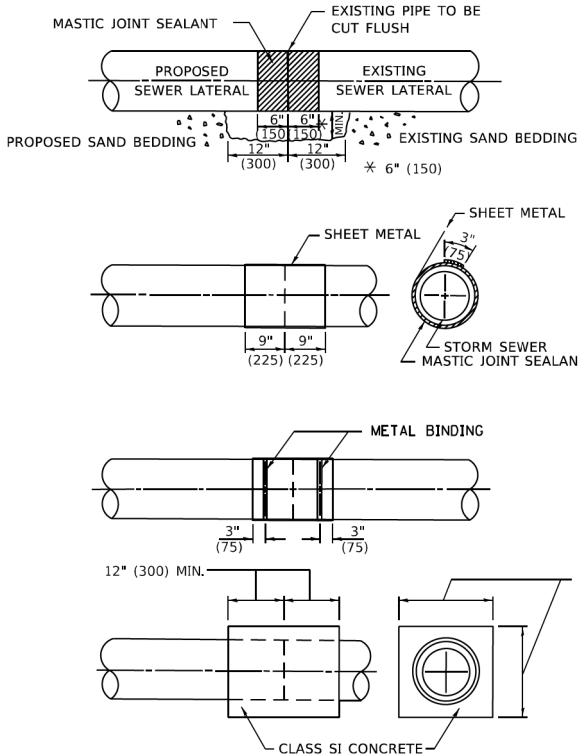
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	112
BD400-02 (BD-02)		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		



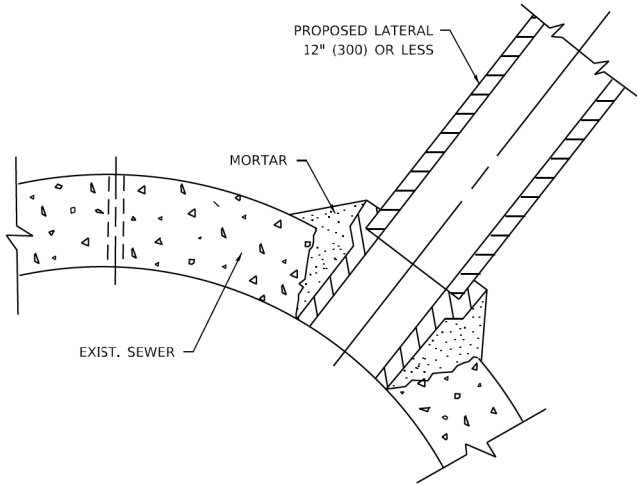
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
2. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
3. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

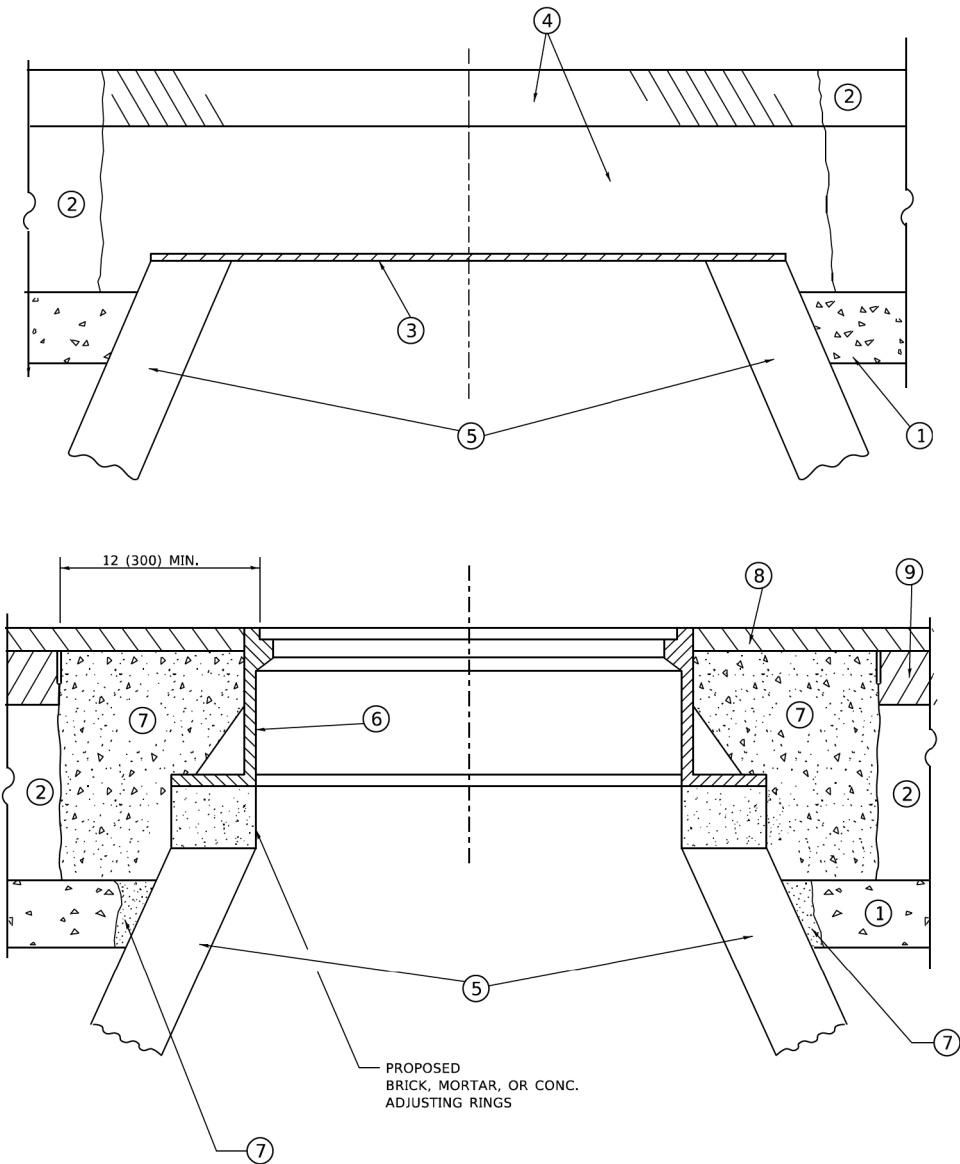
FILE NAME =	USER NAME = mvasak	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94
IDOT-StdDetails.dgn		DRAWN -	REVISED - R. SHAH 10-25-94
4600.054		CHECKED -	REVISED - R. SHAH 06-12-96
IDOT D1 STANDARD BD07		DATE - 07-25-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	113
BD500-01 (BD-07)		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		



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

NOTES

- 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.
- 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.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* 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-2* 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

- 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)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 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

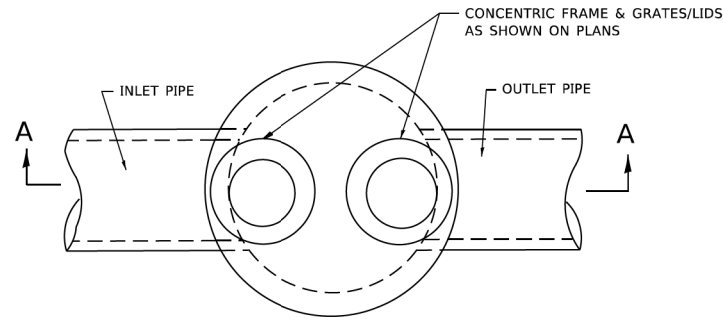
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IDOT-StdDetails.dgn		DRAWN -	REVISED - R. BORO 12-06-11
4600.054	PLOT SCALE = 1:2	CHECKED -	REVISED - K. SMITH 11-18-22
IDOT D1 STANDARD BD08	PLOT DATE = 4/10/2025	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

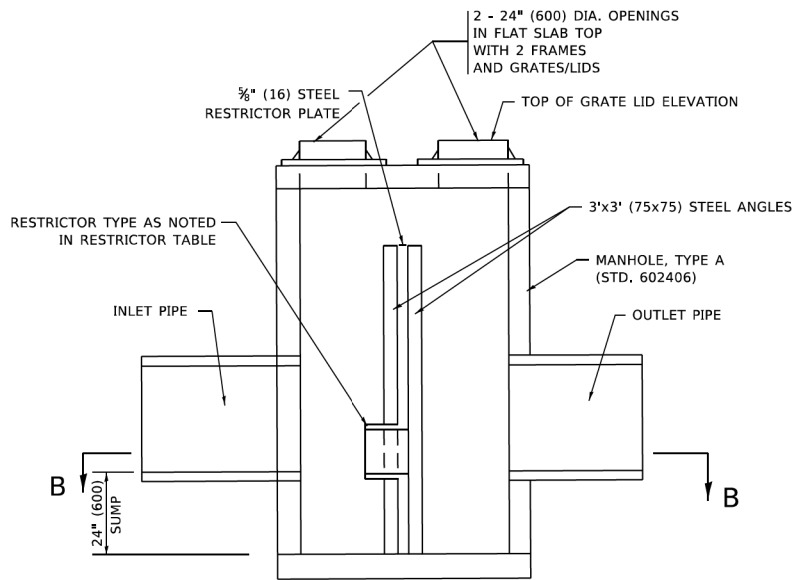
DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

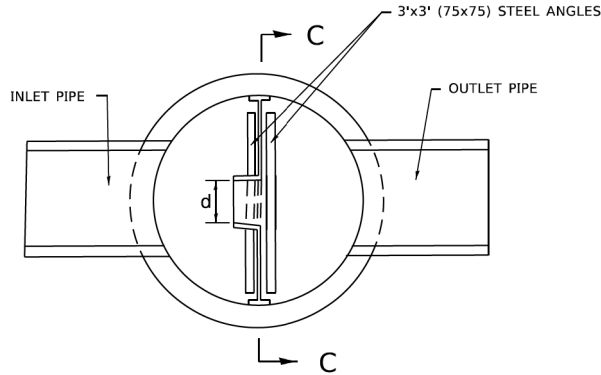
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	114
BD600-03 (BD-08)		CONTRACT NO. 61J86		
		ILLINOIS FED. AID PROJECT		



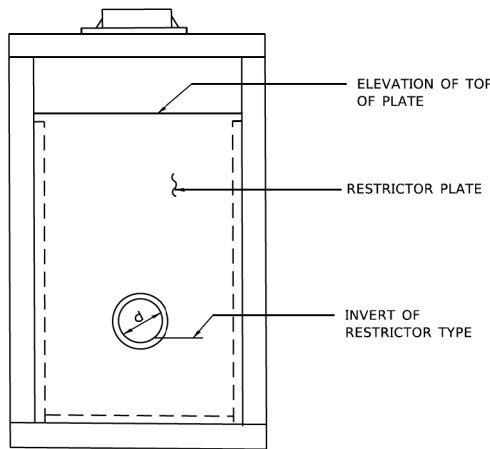
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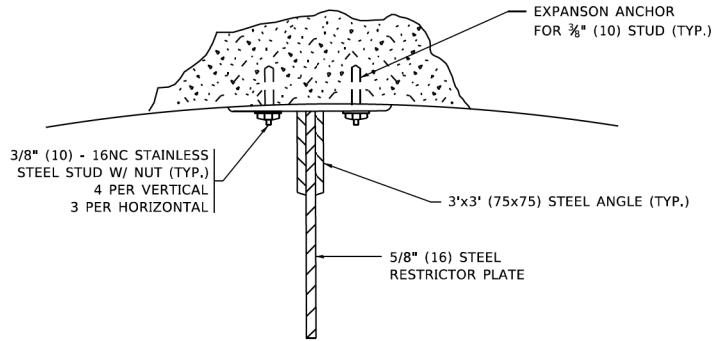
SECTION A-A



SECTION B-B



SECTION C-C



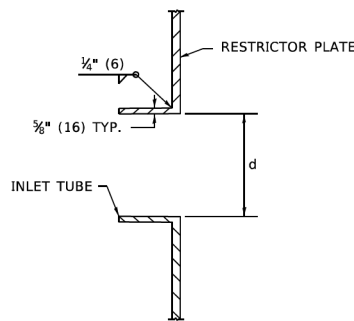
ANGLE FASTENER DETAIL

NOTES:

- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

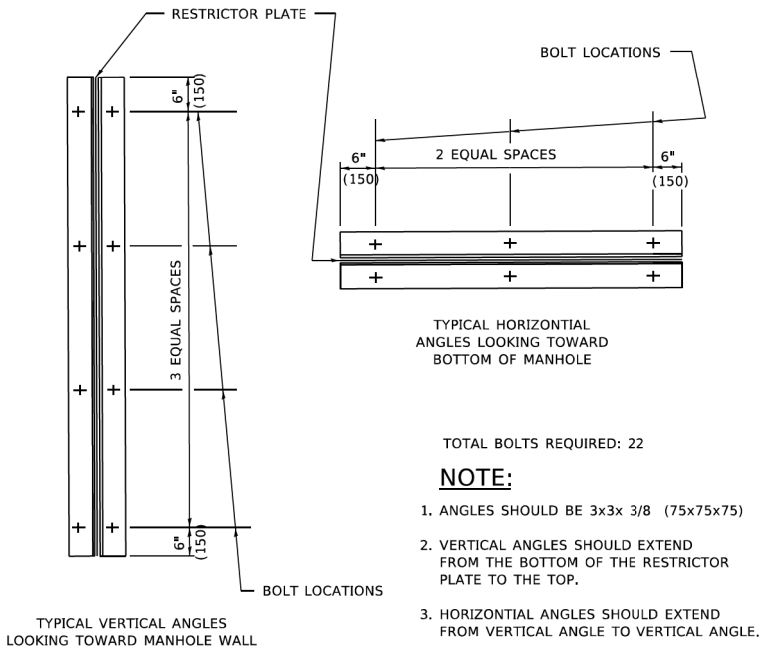
BASIS OF PAYMENT:

- TO BE PAID FOR AS "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
- ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
87+22.56, 379.35'LT	4'	TYPE 1, CLOSED LID	2	4"	787.10	790.30
95+95.32, 254.21'LT	4'	TYPE 1, CLOSED LID	2	4"	787.60	790.50
8+84.48, 23.10'LT	7'	TYPE 1, CLOSED LID	2	5.4"	794.43	796.40



STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

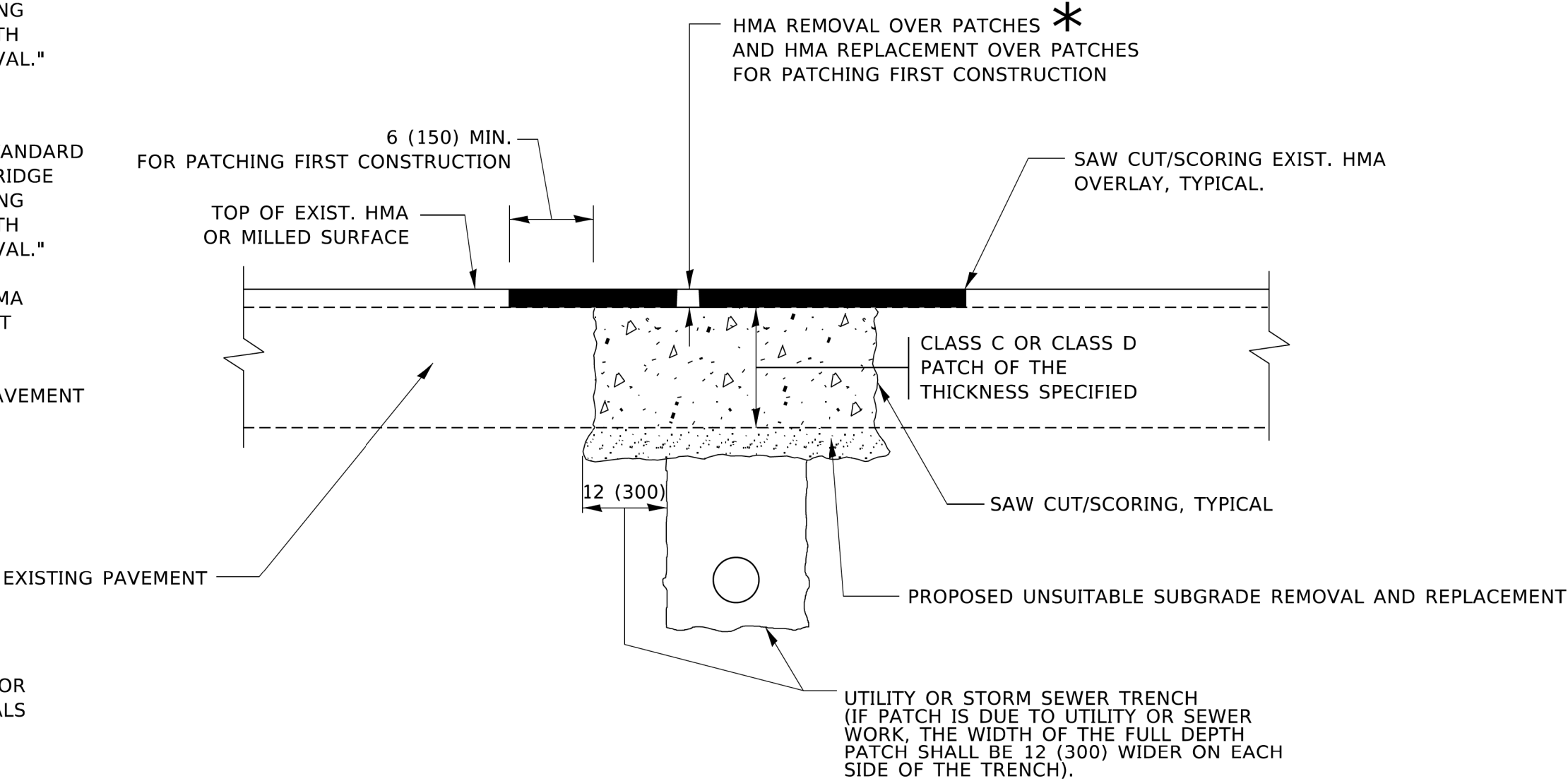
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- 2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

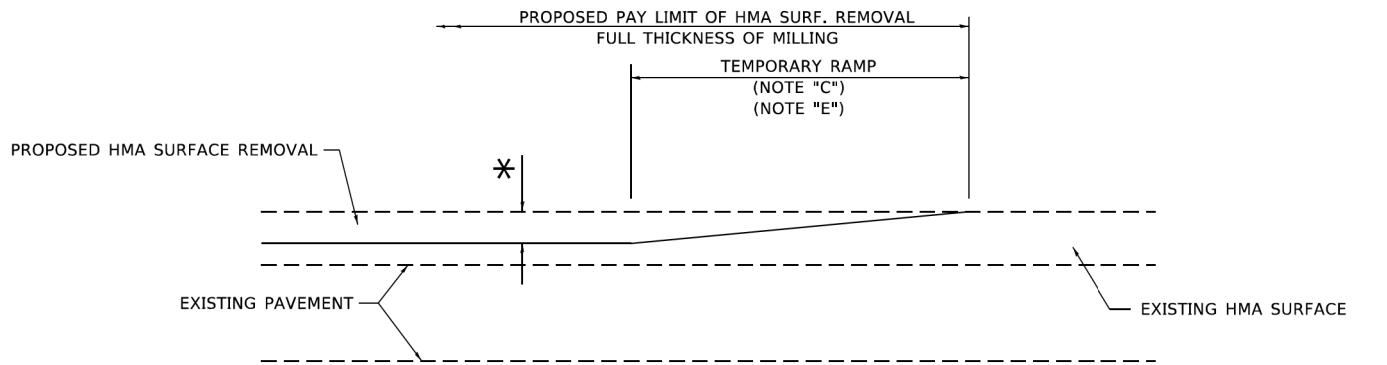
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME =	USER NAME = mvasak	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
IDOT-StdDetails.dgn		DRAWN -	REVISED - R. BORO 09-04-07
4600.054		CHECKED -	REVISED - K. ENG 10-27-08
IDOT D1 STANDARD BD22	PLOT DATE = 4/10/2025	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

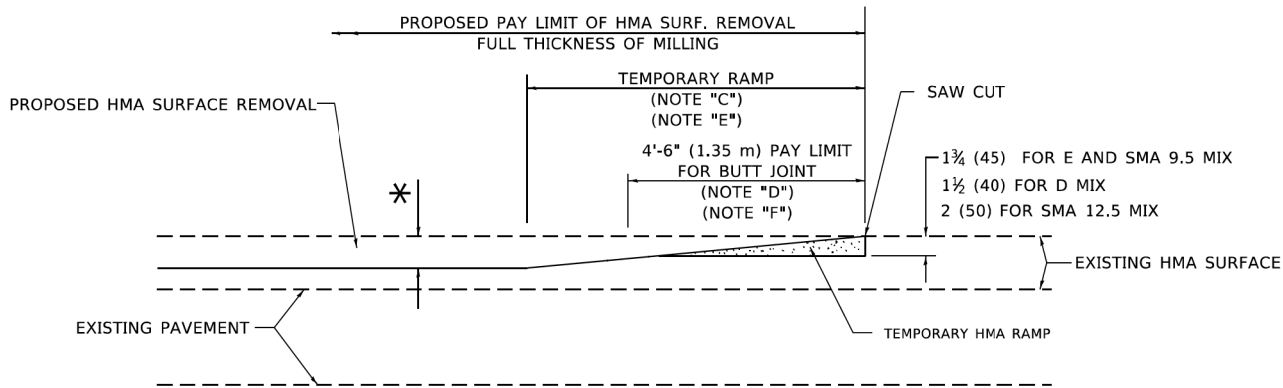
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	116
BD400-04 (BD-22)		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

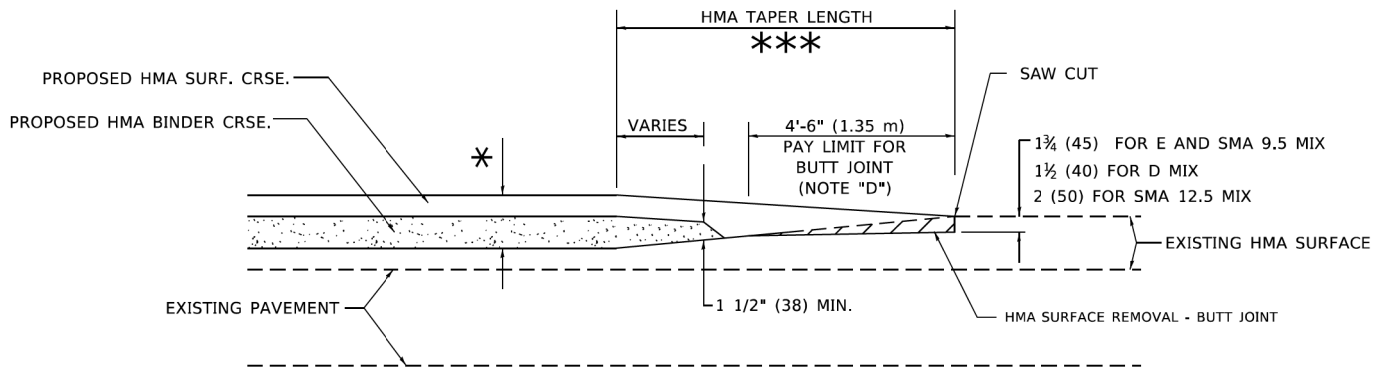


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

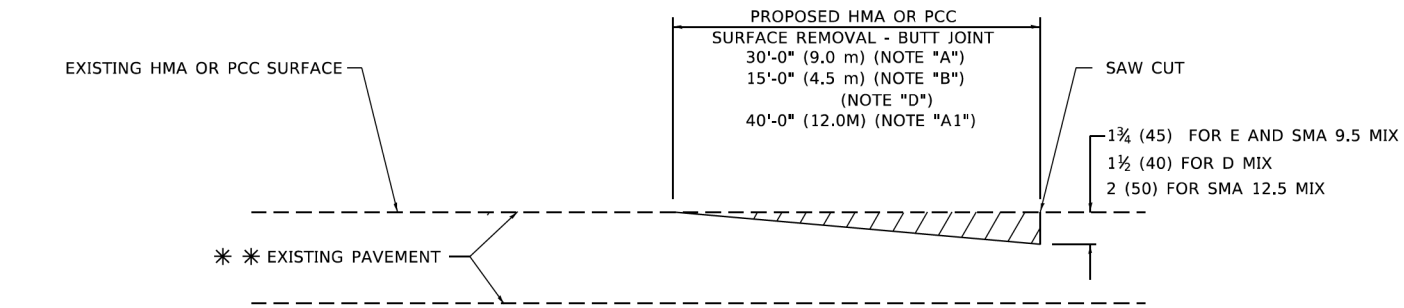
OPTION 2

TYPICAL TEMPORARY RAMP

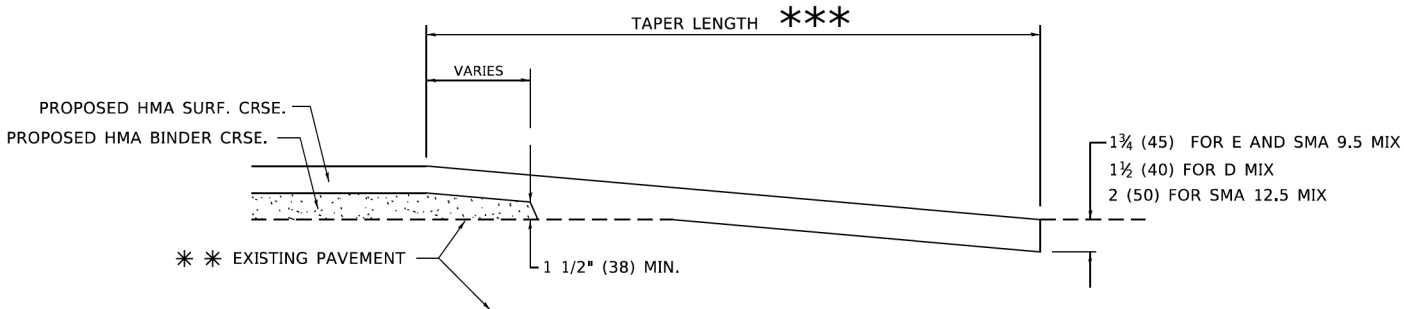


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- INTERSTATES
- MINOR SIDE ROADS.
- THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- 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.
- 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

- 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".
- 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.

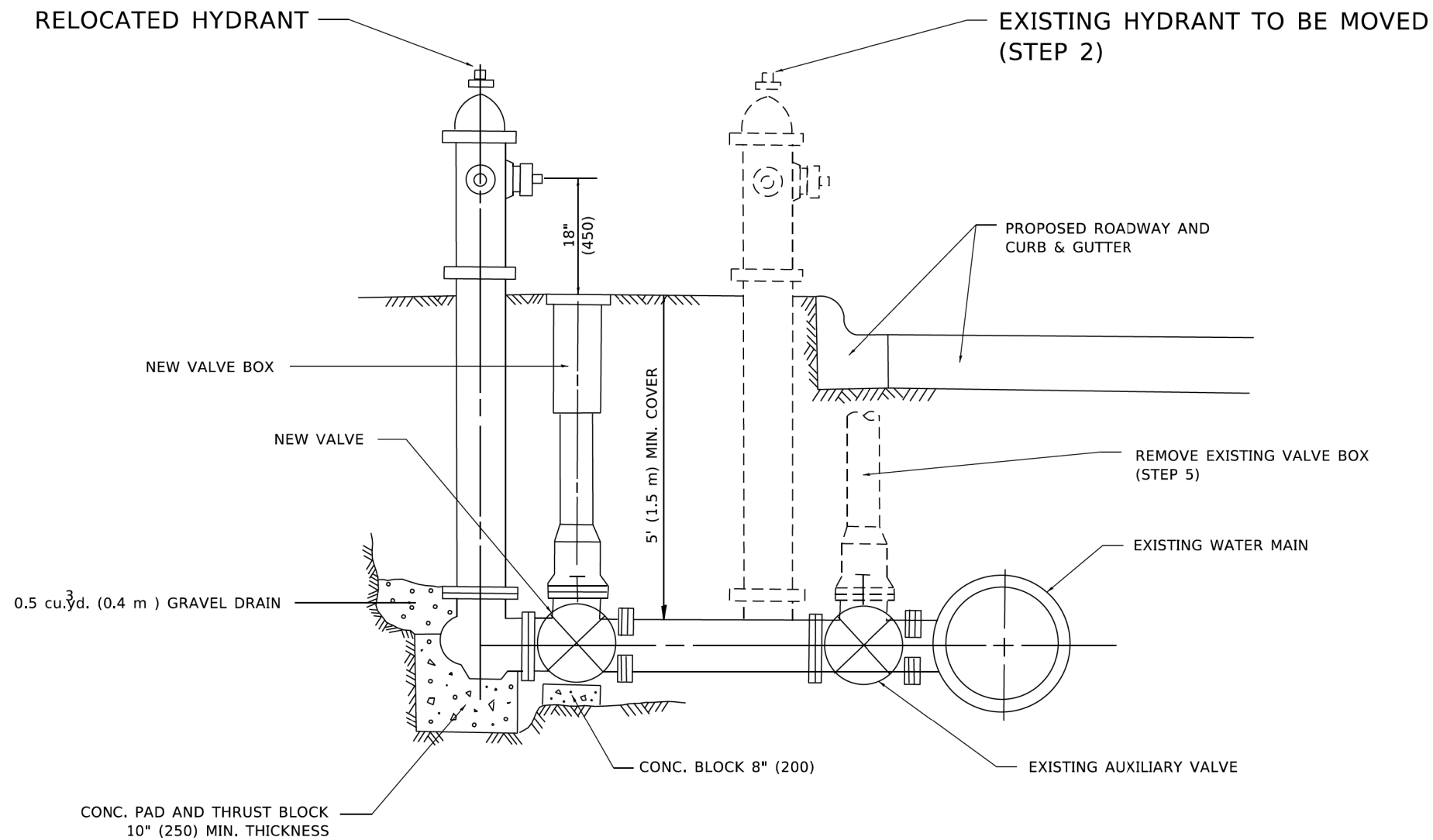
FILE NAME =	USER NAME = mvasak	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
IDOT-StdDetails.dgn		DRAWN -	REVISED - M. GOMEZ 04-06-01
4600.054		CHECKED -	REVISED - R. BORO 01-01-07
IDOT D1 STANDARD BD32	PLOT DATE = 4/10/2025	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	117
BD400-05 BD-32		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		



SEQUENCE OF CONSTRUCTION:

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

NOTE:

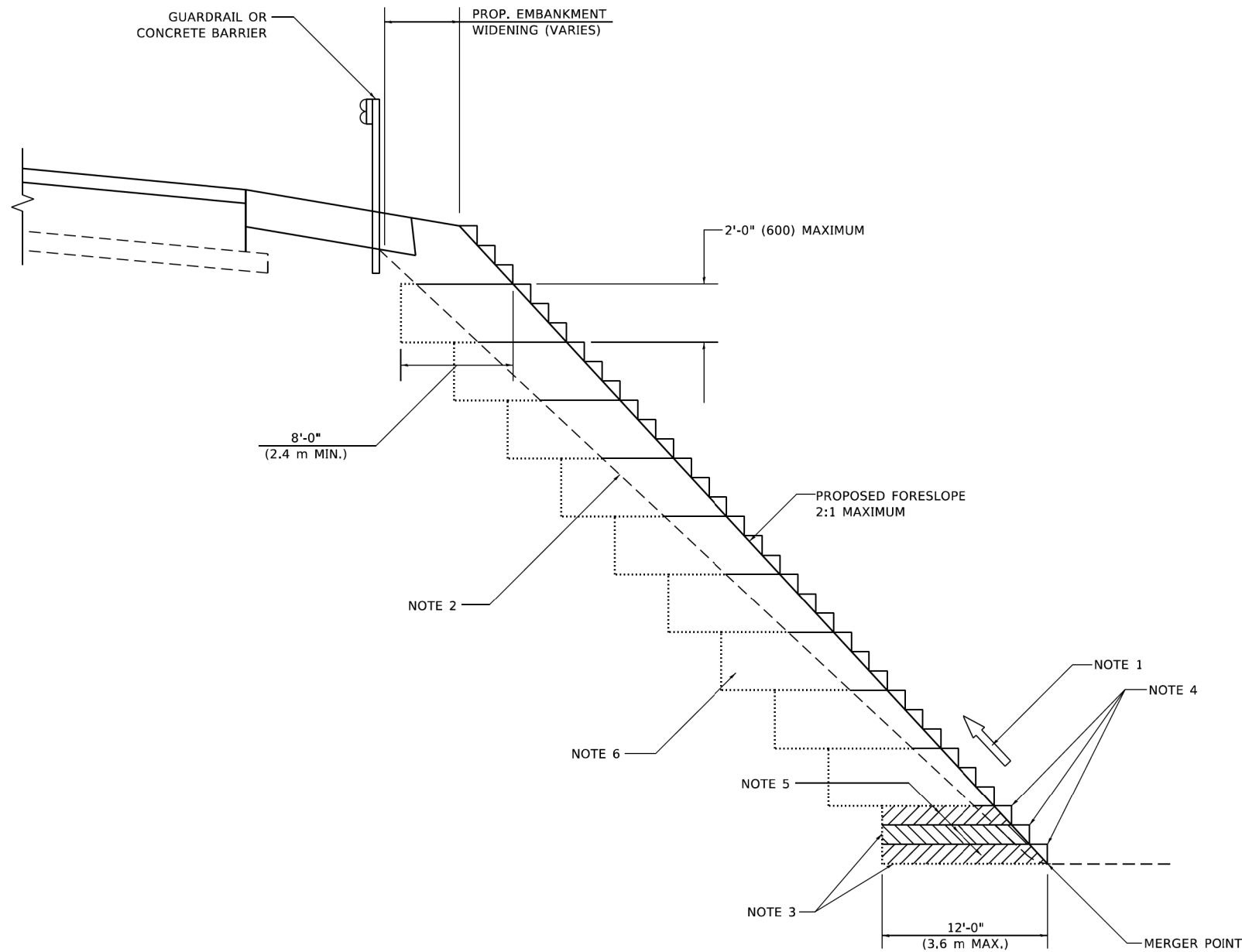
ALL WORK TO BE DONE IN ACCORDANCE WITH SECTION 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

FILE NAME =	USER NAME = mvasak	DESIGNED -	REVISED - R. SHAH 09-09-94
IDOT-StdDetails.dgn		DRAWN -	REVISED - R. SHAH 10-25-94
4600.054		CHECKED -	REVISED - K. SMITH 11-18-22
IDOT D1 STANDARD BD36	PLOT DATE = 4/10/2025	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	118
BD-36		CONTRACT NO. 61J86		
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.

FILE NAME =	USER NAME = mvasak	DESIGNED -	REVISED - K. SMITH 11-18-22
IDOT-StdDetails.dgn		DRAWN - CADD	REVISED -
		CHECKED - S.E.B.	REVISED -
IDOT D1 STANDARD BDS1		DATE - 06-16-04	REVISED -

BENCHING DETAIL FOR EMBANKMENT WIDENING			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	118A
BD-51		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		

FILE NAME =	USER NAME = mvasak	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
IDOT-StdDetails.dgn		DRAWN -	REVISED - A. SCHUETZE 07-01-13
4600.054	PLOT SCALE = 1:2	CHECKED -	REVISED - A. SCHUETZE 09-15-16
IDOT D1 STANDARD TC10	PLOT DATE = 4/10/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

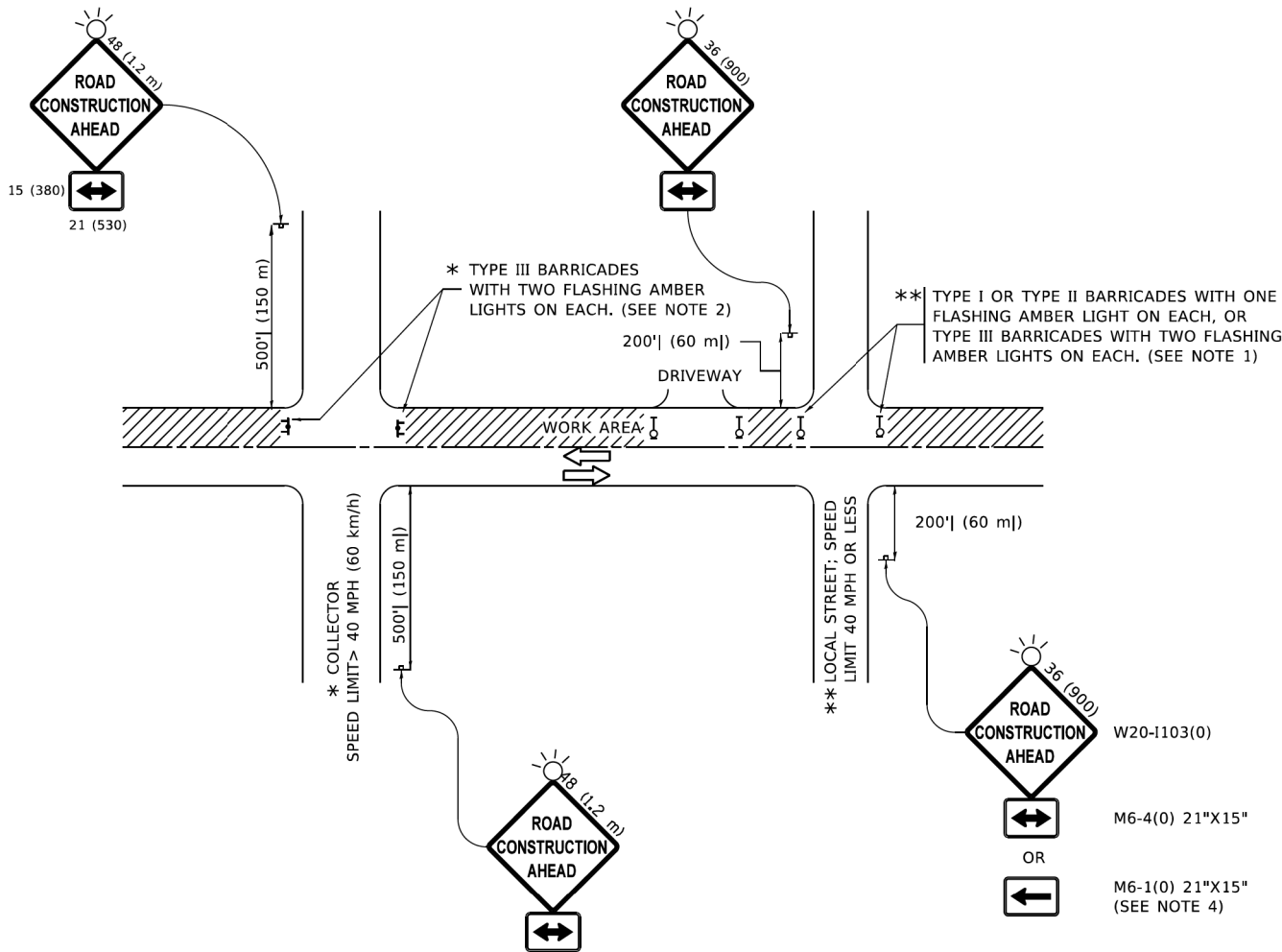
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO. 61J86		
ILLINOIS		FED. AID PROJECT		

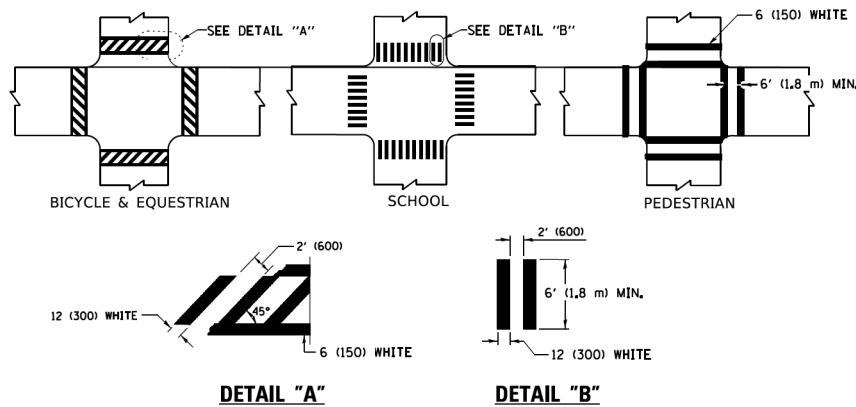


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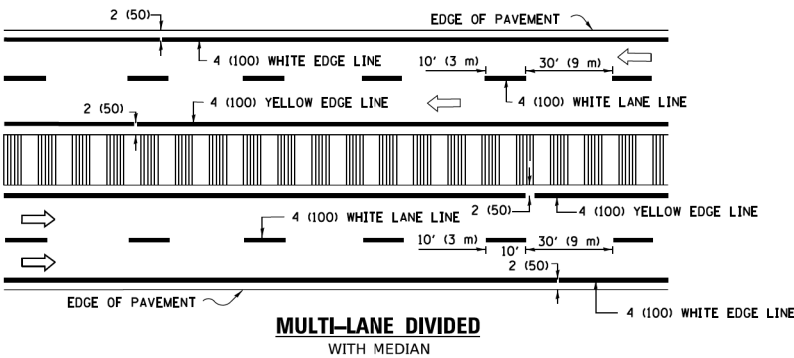
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL 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
- SIGNING 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.

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

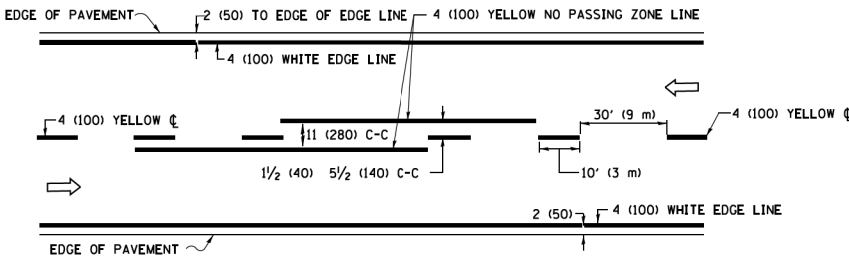
TYPICAL CROSSWALK MARKING



TYPICAL LANE AND EDGE LINE MARKING

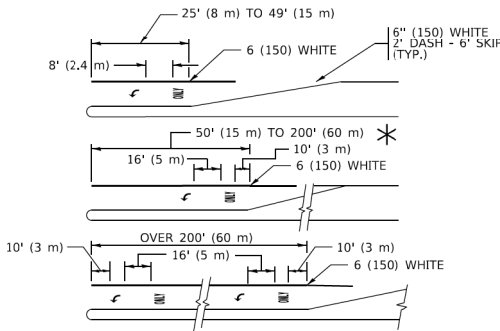


2-LANE ROADWAY



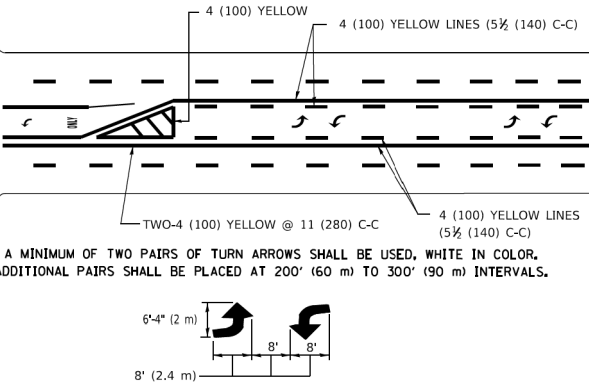
TYPICAL TURN LANE MARKING

TYPICAL LEFT (OR RIGHT) TURN LANE



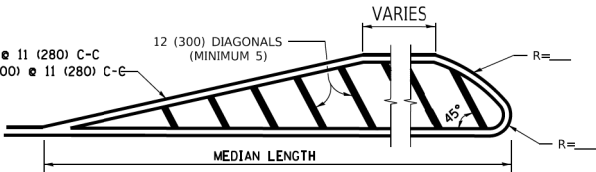
TYPICAL PAINTED MEDIAN MARKING

MEDIAN WITH TWO-WAY LEFT TURN LANE

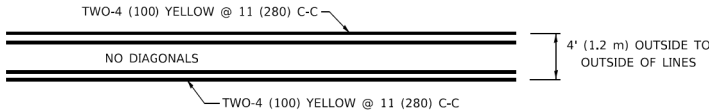


MEDIANS OVER 4' (1.2 m) WIDE

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))

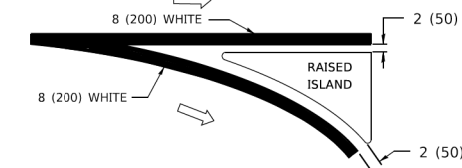


4' (1.2 m) WIDE MEDIANS ONLY

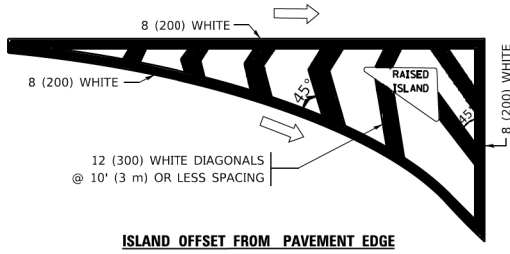


TYPICAL ISLAND MARKING

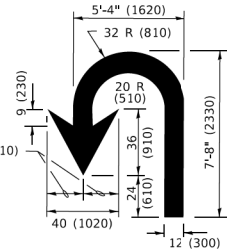
ISLAND AT PAVEMENT EDGE



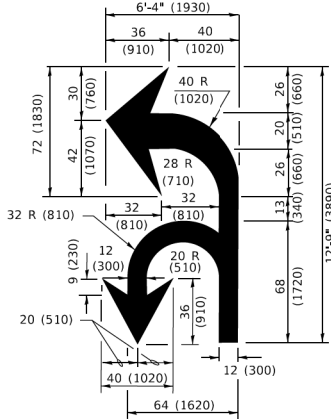
ISLAND OFFSET FROM PAVEMENT EDGE



U-TURN

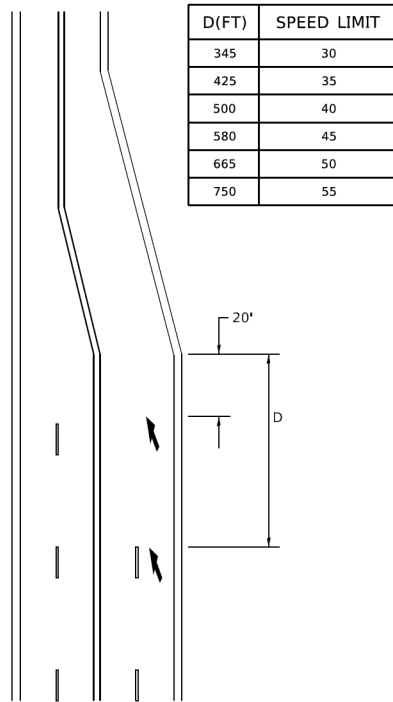


COMBINATION LEFT AND U-TURN



LANE REDUCTION TRANSITION

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

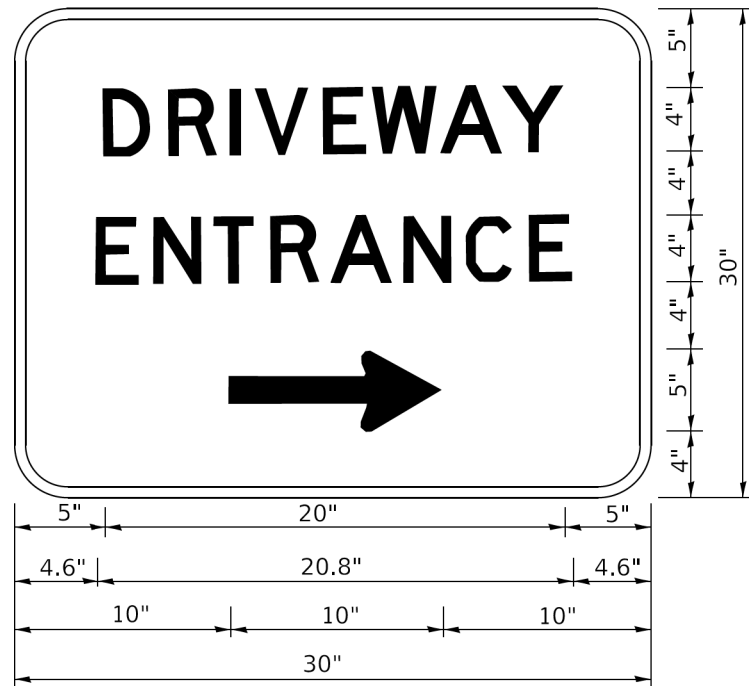


D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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 m² EACH) *X*=54.0 SQ. FT. (5.0 m²)
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.



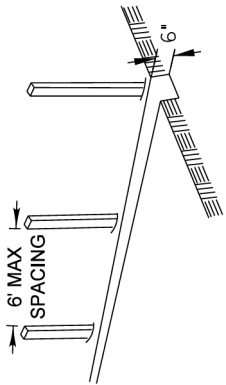
3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

- 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".

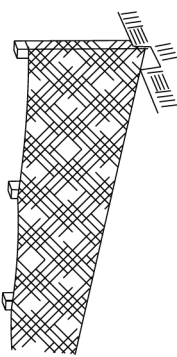
FILE NAME =	USER NAME = mvasak	DESIGNED -	REVISED - C. JUCIUS 02-15-07
IDOT-StdDetails.dgn		DRAWN -	REVISED -
4600.054		CHECKED -	REVISED -
IDOT D1 STANDARD TC26	PLOT DATE = 4/10/2025	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	122
TC-26		CONTRACT NO. 61J86		
		ILLINOIS FED. AID PROJECT		

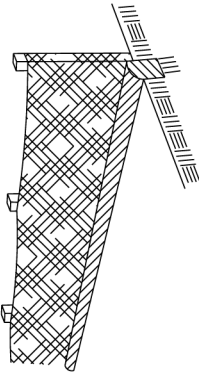
1. SET POSTS AND EXCAVATE OR SLIT-TRENCH A 6-INCH DEEP TRENCH UPSLOPE ALONG THE LINE OF POSTS



2. ATTACH GEOTEXTILE FILTER FABRIC TO EACH POST WITH A MINIMUM OF 3 (THREE) FASTENERS PER POST AND EXTEND FABRIC TO THE BOTTOM OF THE TRENCH



3. BACKFILL AND COMPACT THE EXCAVATED MATERIALS



Requirements	Test Methods	Wire Backed Supported Silt Fence ^a	Geotextile Elongation >=50% ^b	Unsupported Silt Fence	Geotextile Elongation <50% ^b
Maximum Post Spacing		4 feet	4 feet	6 feet	
Grab Strength	ASTM D 4632				
Machine direction		124 lbs	124 lbs	124 lbs	124 lbs
X-Machine direction		90 lbs	100 lbs	100lbs	
Permittivity ^c	ASTM D 4491	0.05 sec. ⁻¹	0.05 sec. ⁻¹	0.05 sec. ⁻¹	0.05 sec. ⁻¹
Apparent Opening Size	ASTM D 4751	0.024in	maximum average roll value		
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours of exposure			

POSTS - CHOICE OF:
1.2" X 1.2" NOMINAL
HARDWOOD POSTS
2.6" X 2.6" NOMINAL
NO.2 SOUTHERN PINE
OR
U.T.L. OR C-SHAPE
STEEL POSTS WITH
MIN. WEIGHT 1.33 LBS/FT

FASTENERS (TYP.)

GEOTEXTILE FABRIC*

COMPACTED
SPOIL MATERIAL

FABRIC EXTENSION
INTO TRENCH

30" MIN. ABOVE GROUND

BURIED DEPTH = 20" MIN.
24" MIN. IF SLOPE > 3:1

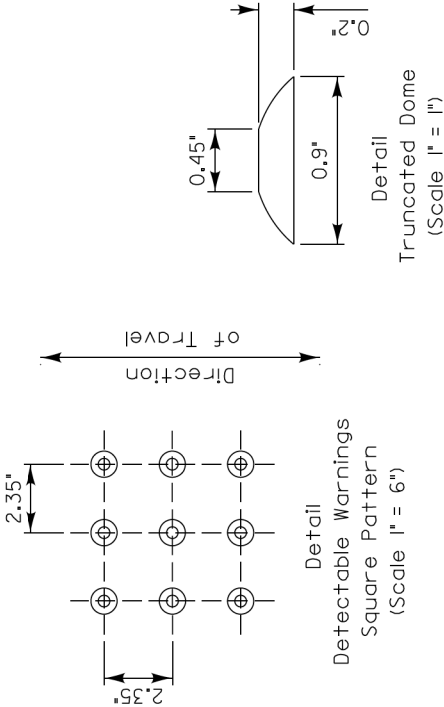
* NOTE: OPTIONAL WIRE SUPPORT

- MIN. 30" HEIGHT
- MIN. 14 GAUGE WIRE
- MIN. 6 HORIZ. WIRES
- MIN. 6" VERTICAL SPACING

REVISIONS	DATE	LakeCounty Division of Transportation	APPROVED BY: M. G. ZEMAITIS DATE: JUNE 20, 2008
ORIG. by LCSMC	4/21/08		
Update Text	7/15/11		

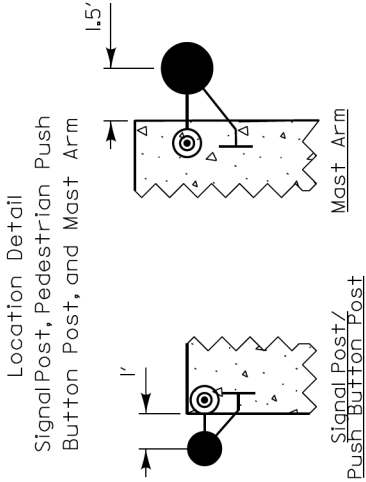
PERIMETER EROSION
BARRIER INSTALLATION

LC2051



•GENERAL NOTES:

1. Cross slopes on sidewalks and paths shall not exceed 1.5% except at locations detailed on the plans.
2. Only whole cast iron panels from the manufacturer shall be used for the detectable warnings. Cut panels shall not be allowed.
3. The gutter slope for the DEPRESSED CURB adjacent to the curb ramp shall be a maximum of 5% (standard curb and gutter is 6%). The back of curb rise shall be a maximum of 1/2" (standard depressed curb is 1/2"). See IDOT standard 606001 for the different curb dimensions.
4. The Depressed Curb and the Transition Curb will be paid for as COMBINATION CONCRETE CURB AND GUTTER of the type adjacent to the curb ramp.
5. The DETECTABLE WARNINGS shall be installed according to Article 424.09 of the IDOT Standard Specifications and the LCDOT specification 42400800 DETECTABLE WARNINGS. Detectable warnings shall be measured and paid for per square foot.



REVISIONS	DATE	LakeCounty Division of Transportation	APPROVED BY: M. G. ZEMAITIS DATE: APRIL 1, 2007
Added Warning Details	8/1/2009		
Updates & Remove Duplicates	7/14/2016		
Remove Fanning of Panels	12/16/2020		

DETECTABLE WARNINGS
and PEDESTRIAN
PUSHBUTTON LOCATIONS

LC4201



NOT TO SCALE

CONCRETE WASHOUT FACILITIES



3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

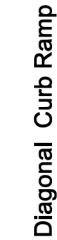
CONCRETE WASHOUT FACILITIES

USER NAME	= mvasak
PLOT SCALE	= 1:2
PLOT DATE	= 4/10/202

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

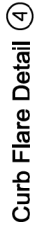
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	125
		CONTRACT NO. 61186		
ILLINOIS		FED. AID PROJECT		



Design Notes:

- ① Pavement type and details are shown elsewhere in the plans.
- ② The Depressed Curb and the Transition Curb will be paid for as COMBINATION CONCRETE CURB AND GUTTER of the type adjacent to the curb ramp. See IDOT Standard 606001 for details of Depressed Curb adjacent to curb ramp.
- ③ The Detectable Warnings shall be Installed in accordance with Article 424.09 of the IDOT Standard Specifications and the LC00T Specification 42400800 DETECTABLE WARNINGS and will be measured and paid for per square foot.
- ④ The curb flare will be paid for as CONCRETE CURB, TYPE B, measured along the 4' transition.

CURB FLARES FOR SIDEWALKS

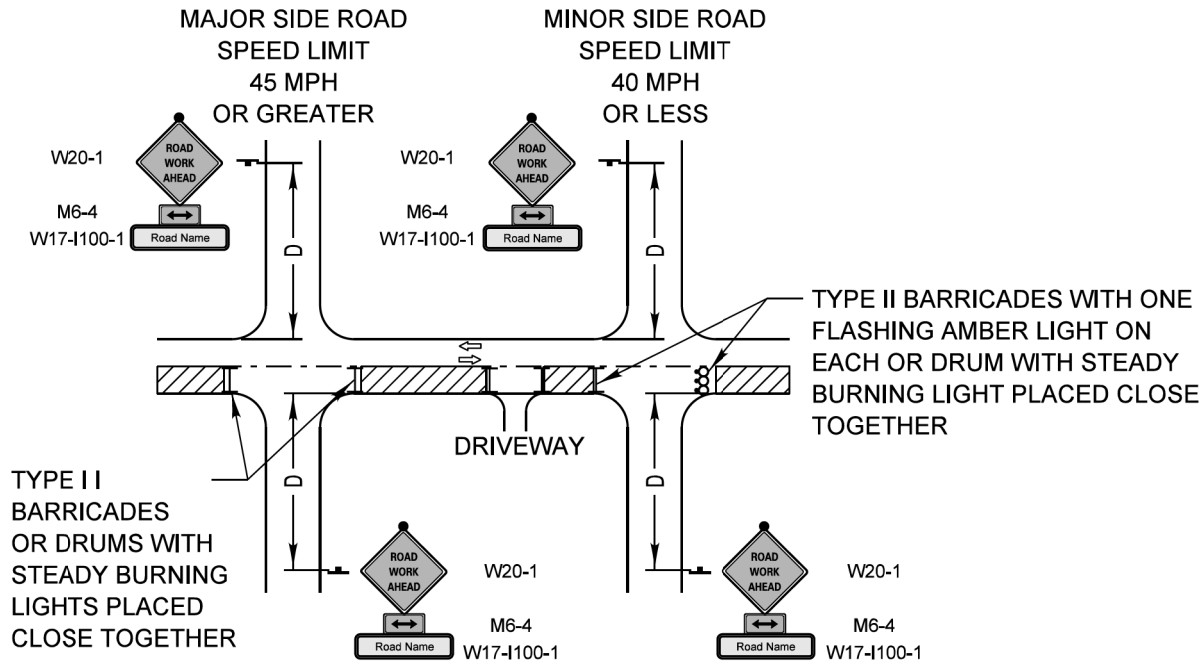


Design Notes:

- ① Pavement type and details are shown elsewhere in the plans.
- ② The Depressed Curb and the Transition Curb will be paid for as COMBINATION CONCRETE CURB AND CUTTER of the type adjacent to the curb ramp. See IDOT Standard 606001 for details of Depressed Curb adjacent to curb ramp.
- ③ The Detectable Warnings shall be installed in accordance with Article 424.09 of the IDOT Standard Specifications and the LC00T Specification 42400800 DETECTABLE WARNINGS and will be measured and paid for per square foot.
- ④ The curb flare will be paid for as CONCRETE CURB, TYPE B, measured along the 4' transition.

CURB FLARES FOR SIDEWALKS

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
for HIGHWAY CONSTRUCTION, CONTRACT MAINTENANCE
and UTILITY OPERATIONS



SYMBOLS

	WORK AREA
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	TYPE II BARRICADE W/TYPE A FLASHING LIGHT
	DRUM WITH STEADY BURNING LIGHT

ADVANCE WARNING SIGN SPACING TABLE	
POSTED SPEED LIMIT	DISTANCE BETWEEN SIGNS "D"
40 MPH or less	200 FEET
45-50 MPH	350 FEET
55 MPH	500 FEET

GENERAL NOTE:

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement or where construction requires lane closures.

DESIGN NOTES:

- For a side road with a speed limit of 40 mph or less, the closed portion of the main route shall be protected by blocking with Type II barricades or drums, 1/3 of the cross section of the closed portion of the roadway.
- For a side road with a speed limit of 45 mph or greater, the closed portion of the main route shall be protected by blocking with Type II barricades or drums, 1/2 of the cross section of the closed portion of the roadway.
- All W20-1 "ROAD WORK AHEAD" signs shall be 48"x48" with fluorescent orange reflective sheeting with an amber Type A flashing light mounted on the sign.
- When the side road lies between the beginning of the mainline signing and the work zone, a M6-1 Single Headed Arrow shall be used in lieu of the M6-4 Double Headed Arrow.
- For a lane closure on a side road, use the applicable portions of the appropriate Highway Standard or Traffic Control Detail. The spacing of the signs and barricades or drums shall be adjusted for field conditions as directed by the engineer. The directional arrow shall be covered or removed when no longer consistent with the side road closure.
- Advance warning signs shall be omitted on driveways unless otherwise noted.
- The traffic control and protection for side roads and intersections shall be included in the contract lump sum price forTRAFFIC CONTROL AND PROTECTION, STANDARD 701701

MODIFIED IDOT DISTRICT ONE
SIDE ROAD DETAIL

REVISIONS	DATE	 LakeCounty Division of Transportation	APPROVED BY: ANTHONY KHAWAJA	LC7004
Title Block Revision	8/1/09		DATE: APRIL 1, 2007	
Reformat LCDOT Standard	7/15/10	TRAFFIC CONTROL and PROTECTION for SIDEROADS, INTERSECTIONS and DRIVEWAYS		
Use of Drums in lieu Type III Barricade	4/22/14			

NOT TO SCALE

FILE NAME =
4600.034-LCDOT-StdDetails.dgn
4600.054
LCDOT STANDARD LC7201

USER NAME = mvasak
PLOT SCALE = 1:2
PLOT DATE = 4/10/2025

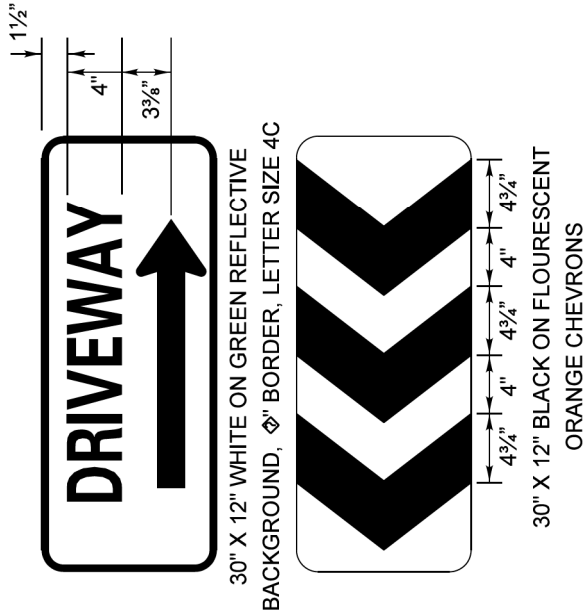
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

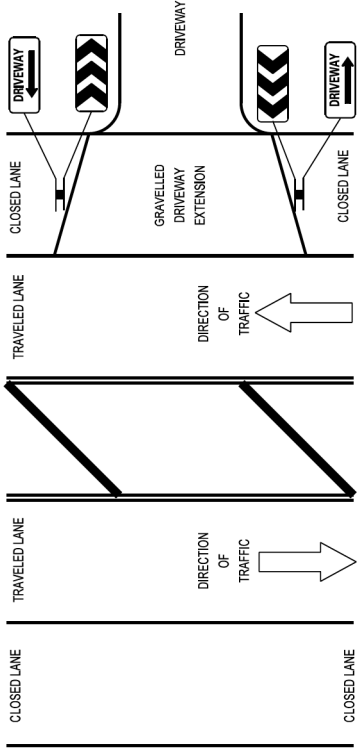
LCDOT STANDARD DETAILS
ROLLINS ROAD

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	127
		CONTRACT NO. 61186		
ILLINOIS		FED. AID PROJECT		



EXAMPLE OF DRIVEWAY SIGN ASSEMBLY INSTALLATION



TEMPORARY CONSTRUCTION INFORMATION SIGNING NOTES:

1. The driveway and chevron signs shall be mounted back to back on the near side of the roadway where the entrance is located. There will be two sign assemblies per driveway.
2. Temporary construction information signs shall be post mounted 7' above the near edge of pavement and shall be a minimum of 6' beyond the edge of the nearest traveled lane, or as directed by the Engineer.
3. The retroreflective sign face shall be a minimum of Type "A" material.
4. The temporary construction information signs shall be removed or relocated when the Engineer determines the signs to be no longer necessary.
5. Existing traffic control signs and messages that are in conflict with the proposed maintenance of traffic shall be covered or modified with a temporary overlay as shown in the plans and/or as directed by the Engineer.
6. Install additional temporary sign panel assemblies as shown in the plans and/or directed by the Engineer.

REVISIONS		DATE	 LakeCounty Division of Transportation	APPROVED BY: A KHAWAJA DATE: APRIL 1, 2007
Revised Signs & Text		1/1/09		
Text Update		7/15/11		

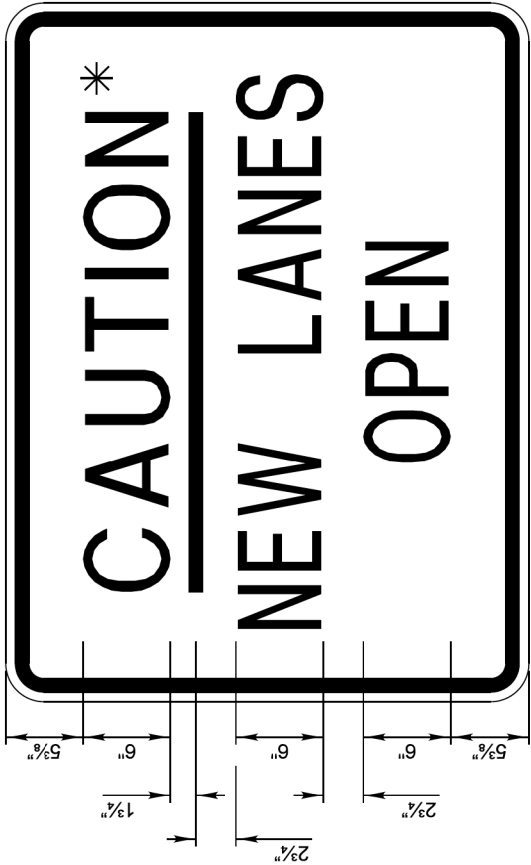
LC7201

TEMPORARY CONSTRUCTION
INFORMATION SIGNS

SHEET 1 OF 2

TEMPORARY CONSTRUCTION
INFORMATION SIGNS

SHEET 1 OF 2



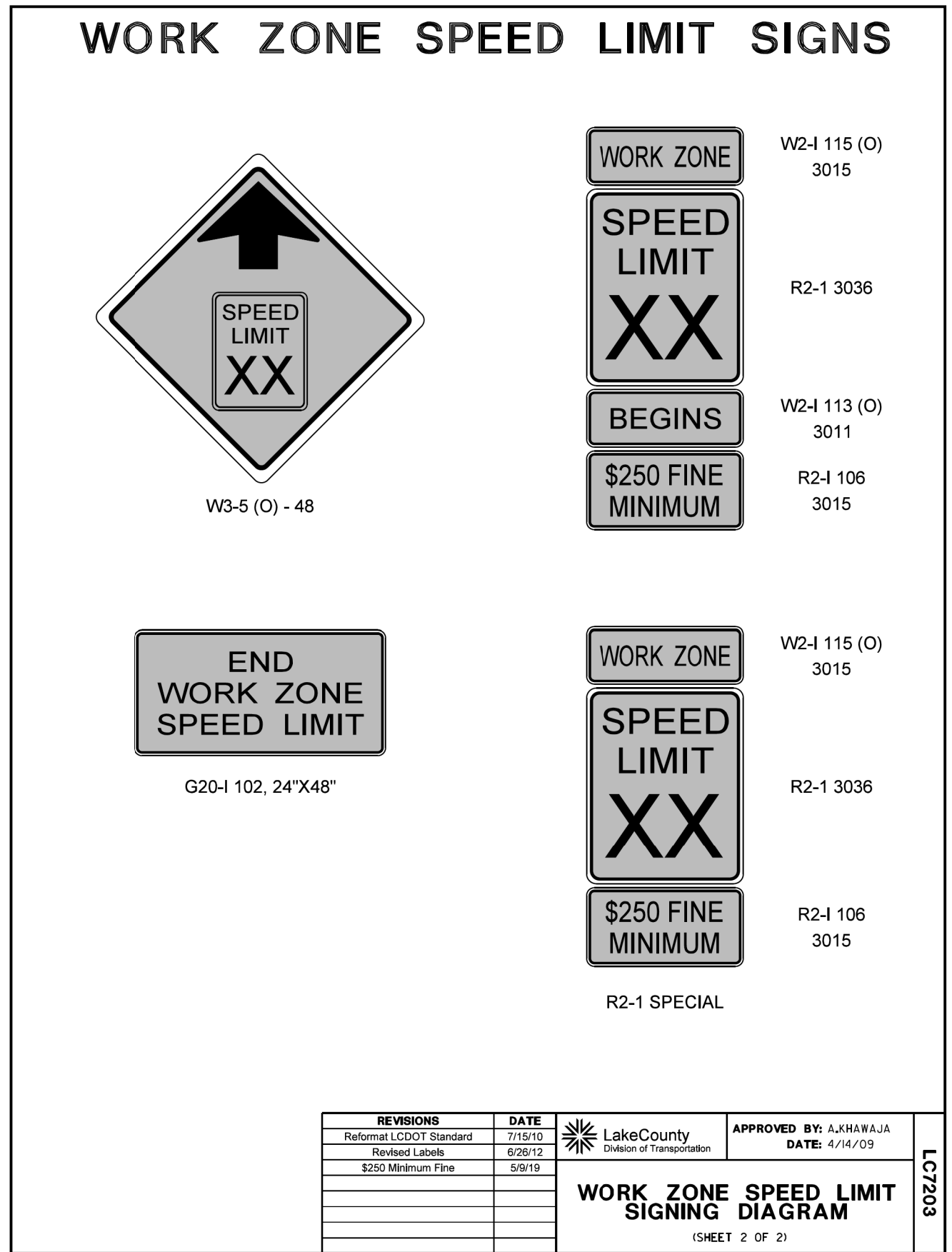
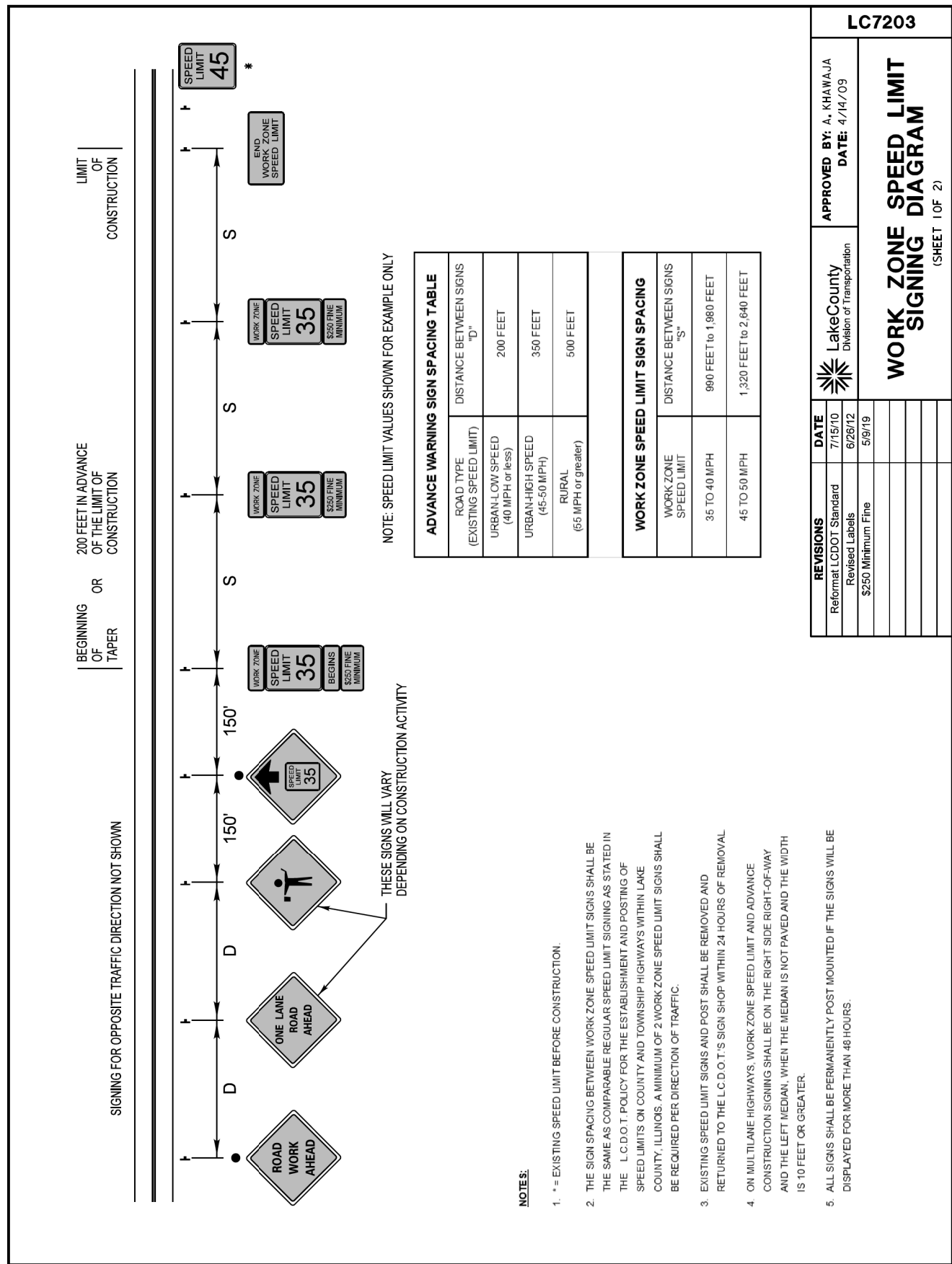
48" X 36"
BLACK ON FLUORESCENT ORANGE
REFLECTIVE BACKGROUND
1" BORDER WITH 9/16" INSET
LETTER SIZE 6D
*LETTER SIZE 6E BOLD

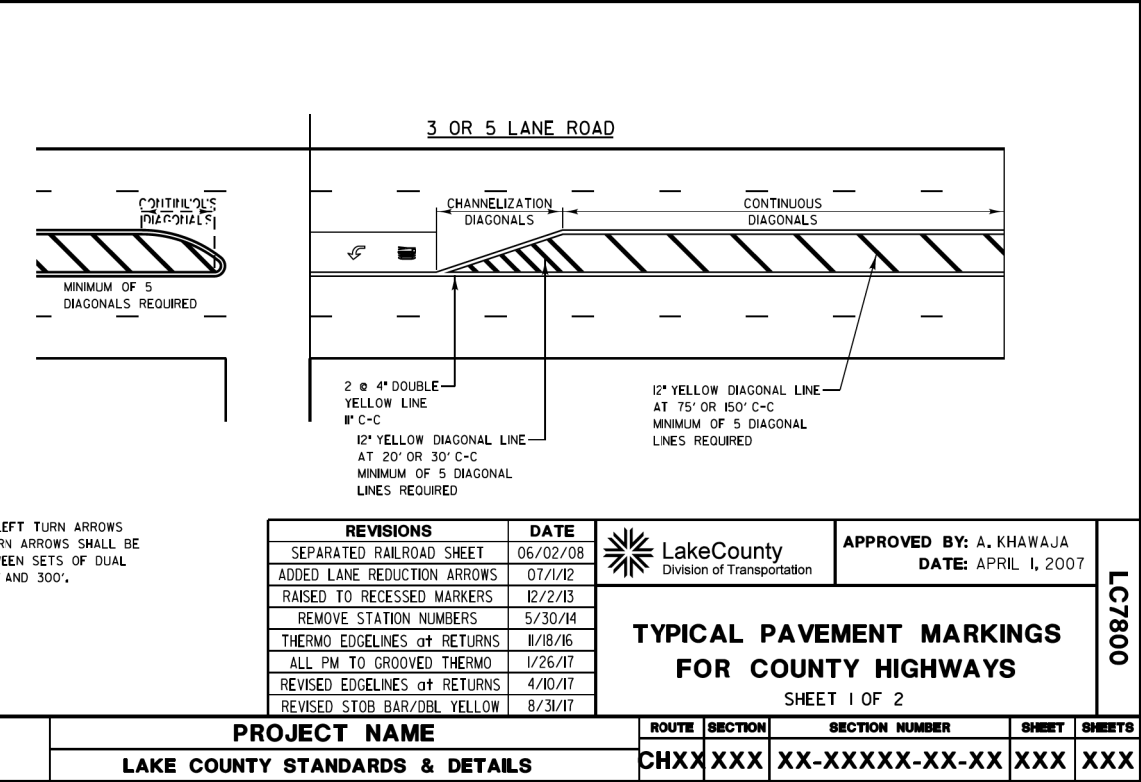
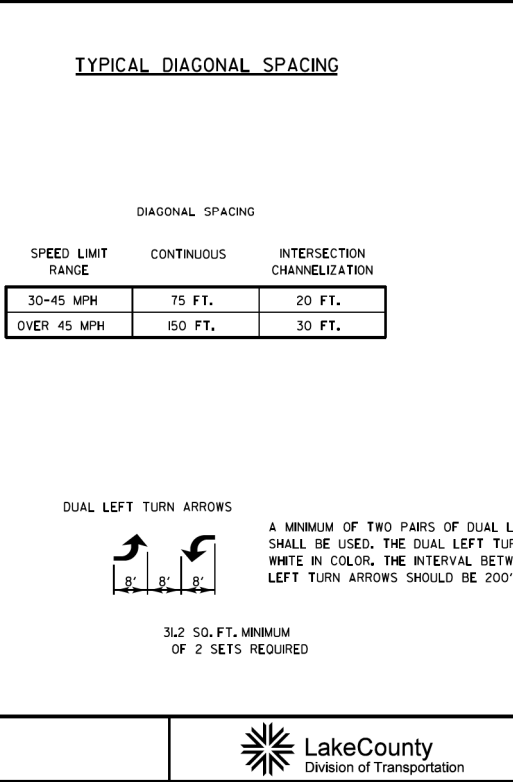
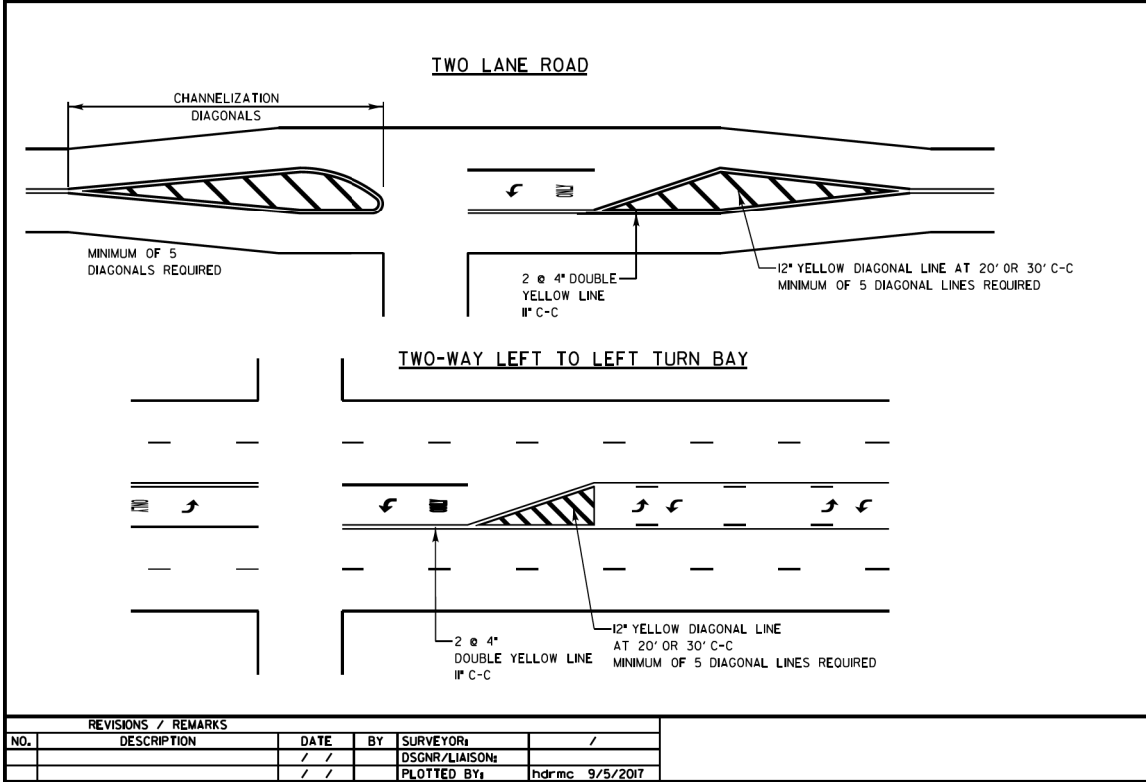
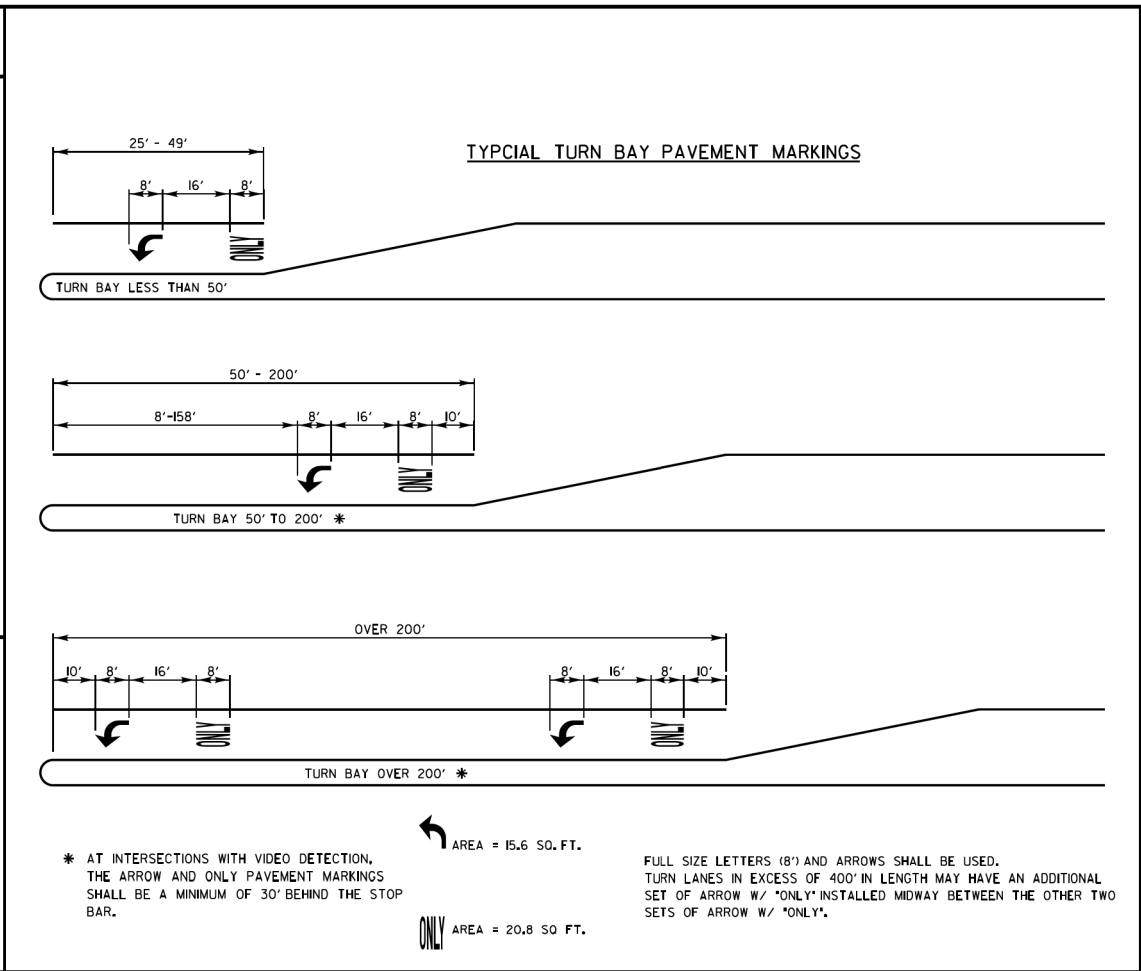
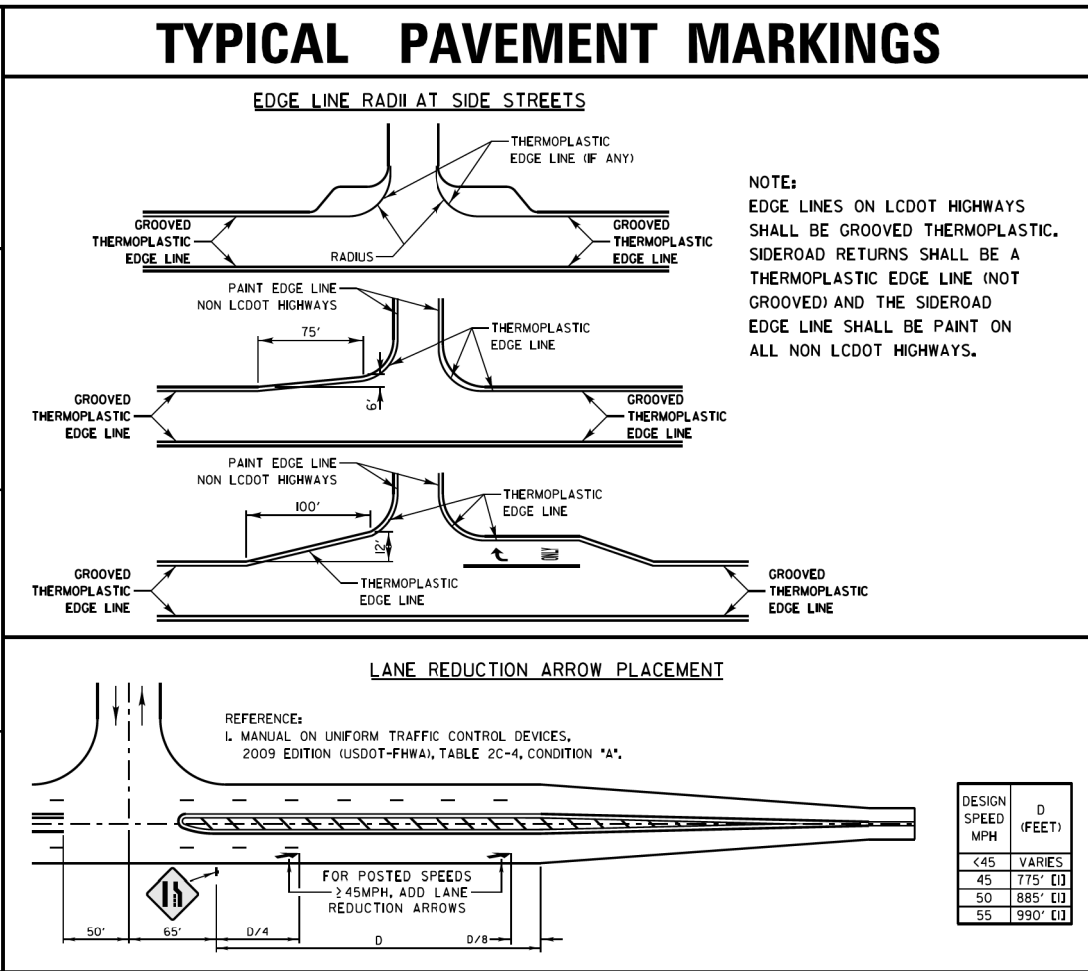
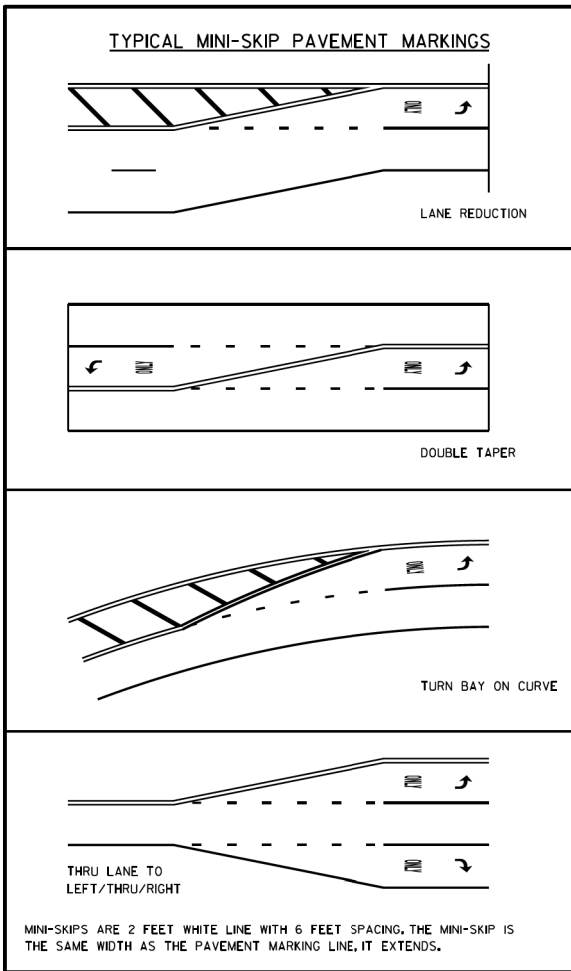
REVISIONS		DATE	 LakeCounty Division of Transportation	APPROVED BY: A KHAWAJA DATE: APRIL 1, 2007
Revised Signs & Text		1/1/09		
Text Update		7/15/11		

LC7201	
TEMPORARY CONSTRUCTION INFORMATION SIGNS	
SHEET 2 OF 2	

TEMPORARY CONSTRUCTION
INFORMATION SIGNS

SHEET 2 OF 2





FILE NAME: C:\Users\hdm\c\Desktop\LC7800 TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS.dgn

FILE NAME =	USER NAME = mvasak	DESIGNED -	REVISED -
4600034-LCDOT-StdDetails.dgn		DRAWN -	REVISED -
4600.054		CHECKED -	REVISED -
LCDOT STANDARD LC7800		DATE -	REVISED -

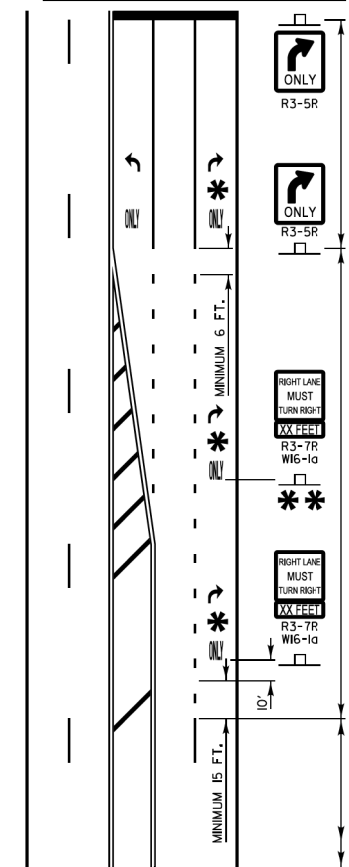
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LCDOT STANDARD DETAILS
ROLLINS ROAD

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	129
CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				

THRU LANE TO
TURN LANE CONVERSION



TURN LANE
6" WHITE LINE
(ADDITIONAL PAVEMENT MARKINGS AS SHOWN
ON SHEET ONE OF THE L.C.D.O.T TYPICAL
PAVEMENT MARKINGS DETAIL SHEETS)

TRANSITION ZONE
6" WHITE 3/12" SKIP DASH
LANE LINE

MINIMUM TRANSITION ZONE LENGTH

POSTED SPEED	LENGTH
25 M.P.H.	255 FT
30 M.P.H.	330 FT
35 M.P.H.	405 FT
40 M.P.H.	480 FT
45 M.P.H.	555 FT
50 M.P.H.	630 FT
55 M.P.H.	705 FT

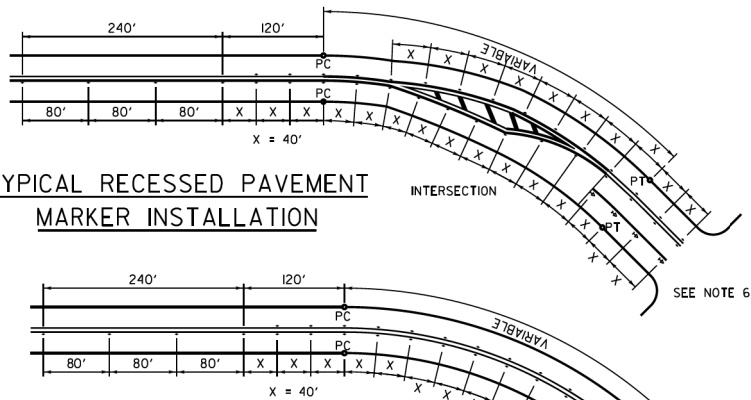
* LOCATION OF PAV'T MARKINGS
(MEASURED FROM BEGINNING OF TRANSITION ZONE)

POSTED SPEED	LOCATION OF PAV'T MARKINGS
25 M.P.H.	10 FT, 260 FT
30 M.P.H.	10 FT, 170 FT, 340 FT
35 M.P.H.	10 FT, 210 FT, 410 FT
40 M.P.H.	10 FT, 170 FT, 330 FT, 490 FT
45 M.P.H.	10 FT, 190 FT, 370 FT, 560 FT
50 M.P.H.	10 FT, 170 FT, 330 FT, 490 FT, 640 FT
55 M.P.H.	10 FT, 180 FT, 350 FT, 520 FT, 710 FT

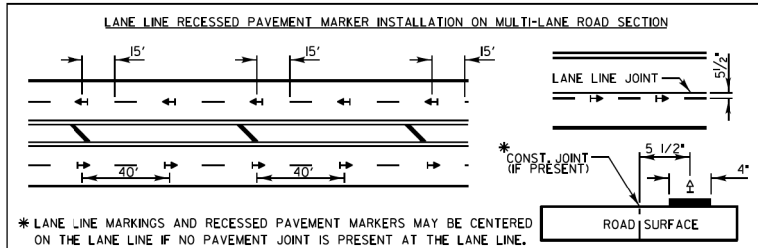
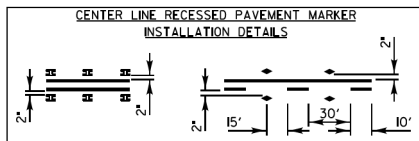
** FOR POSTED SPEEDS 40 M.P.H. OR GREATER
A SECOND R3-7/W16-1a SIGN INSTALLATION
SHALL BE LOCATED HALFWAY BETWEEN THE
BEGINNING OF THE TRANSITION ZONE AND THE
BEGINNING OF THE TURN LANE

TYPICAL PAVEMENT MARKINGS AND RECESSED PAVEMENT MARKERS

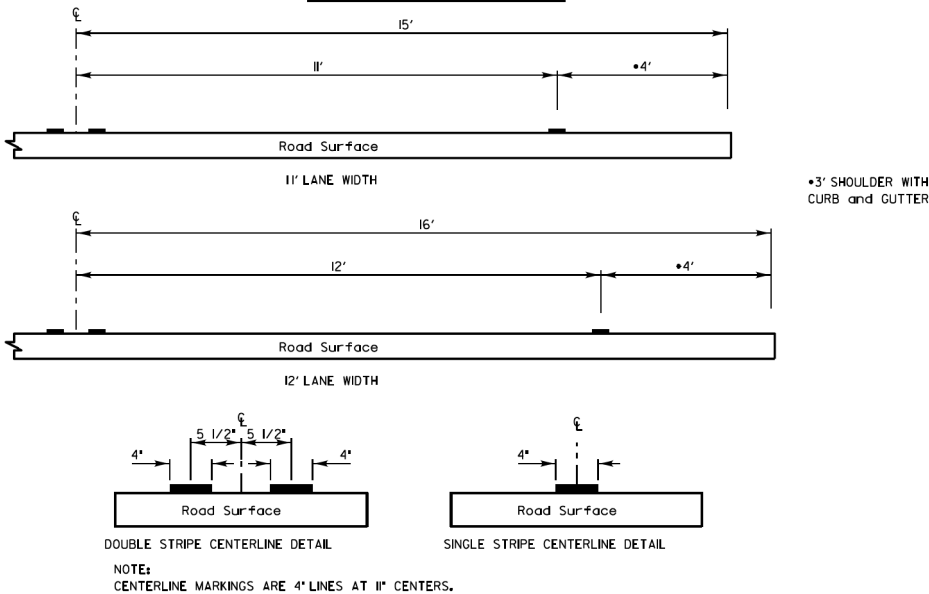
TYPICAL RECESSED PAVEMENT
MARKER INSTALLATION



RECESSED PAVEMENT MARKER LEGEND
OR RECESSED PAVEMENT MARKER, DOUBLE YELLOW
<-> RECESSED PAVEMENT MARKER, WHITE AND RED

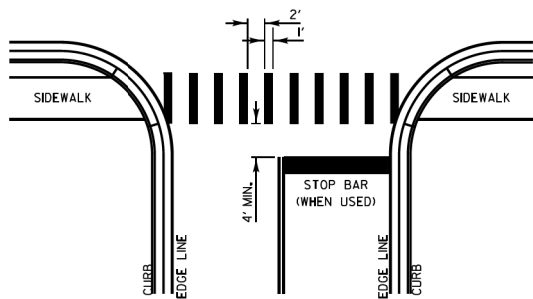


PAVEMENT CROSS SECTION SHOWING TYPICAL PAVEMENT MARKINGS
(2-LANE ROADWAY)



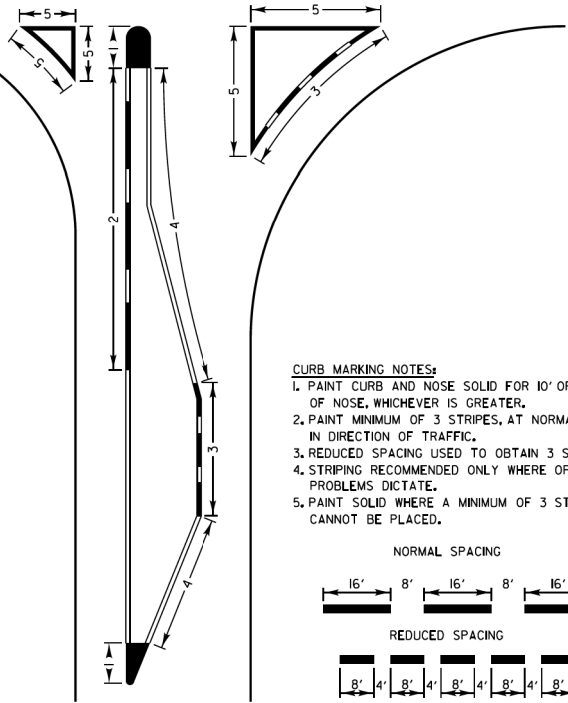
RECESSED PAVEMENT MARKER NOTES:
1. CENTERLINE RECESSED PAVEMENT MARKERS (RPM's)
SHALL BE PLACED ON ALL TWO AND THREE LANE
HIGHWAYS WITH CURVES OVER 3 1/2 DEGREES, UNLESS
DIRECTED OTHERWISE BY THE ENGINEER.
2. SPACING = 40' FOR CENTERLINE MARKERS.
3. ALL RPM's ON CENTERLINE ARE 2-WAY
YELLOW. LANE LINE MARKERS ARE WHITE/RED.
4. MARKERS SHALL BE INSTALLED ACCORDING TO
F.H.W.A. MEMORANDUM HO-2L.
5. MARKERS SHALL BE FIELD ADJUSTED TO BE
LOCATED IN CENTER OF THE 30' GAP OF A
30'/10' SKIP/DASH CENTERLINE.
6. RPM's WHICH ARE TO BE LOCATED WITHIN
THE INTERSECTION OF A CROSS STREET,
SHALL NOT BE INSTALLED.
7. A MINIMUM OF 4 WHITE/RED MARKERS SHALL
BE INSTALLED ALONG THE TURN LANE LINE.
8. RPM's INSTALLED ON MULTI-LANE ROAD
SECTIONS SHALL BE INSTALLED ON THE WHITE
SKIP-DASH LANE LINE ONLY. THESE RPM's SHALL
BE LOCATED IN CENTER OF THE 30' GAP OF A
30'/10' SKIP/DASH LANE LINE.

CROSSWALKS



CROSSWALK NOTES:
1. THE WIDTH OF THE CROSSWALK IS GENERALLY 6' EXCEPT
AT SCHOOL CROSSINGS AND MULTIUSE PATH CROSSINGS,
WHICH CAN BE 8' OR 10' WIDE.
2. THE STOP BAR SHALL BE INSTALLED A MINIMUM OF
4' IN ADVANCE OF THE CROSSWALK.

CURB MARKING



CURB MARKING NOTES:
1. PAINT CURB AND NOSE SOLID FOR 10' OR RADIUS
OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES, AT NORMAL SPACING,
IN DIRECTION OF TRAFFIC.
3. REDUCED SPACING USED TO OBTAIN 3 STRIPE MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL
PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES
CANNOT BE PLACED.

PAVEMENT MARKING GUIDELINES				
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE OF 2 LANE PAVEMENT	4 IN.	SKIP-DASH	YELLOW	10 FT. LINE WITH 30 FT. SPACE
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 IN. 2 @ 4 IN.	SOLID SOLID	YELLOW YELLOW	5 1/2 IN. C-C FROM SKIP-DASH CENTERLINE 11 IN. C-C (OMIT SKIP-DASH CENTERLINE BETWEEN)
CENTERLINE ON MULTI-LANE UNDIVIDED LANE LINES	2 @ 4 IN. 4 IN.	SOLID SKIP-DASH	YELLOW WHITE	11 IN. C-C 10 FT. LINE WITH 30 FT. SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2 FT. LINE WITH 6 FT. SPACE
EDGE LINES	5 IN. WHITE 4 IN. YELLOW	SOLID	WHITE - RIGHT YELLOW - LEFT	OUTLINE RAISED MEDIANS IN YELLOW
TURN LANE MARKINGS	6 IN. LINE FULL SIZE LETTERS AND SYMBOLS (8 FT.)	SOLID	WHITE	TURN ARROW 15.6 SQ. FT. STRAIGHT ARROW 11.5 SQ. FT. ONLY 20.8 SQ. FT. COMB. ARROW 26.0 SQ. FT.
TWO WAY LEFT TURN MARKING	2 @ 4 IN. EACH DIRECTION 8 FT. LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10 FT. LINE WITH 30 FT. SPACE FOR SKIP-DASH 5 1/2 IN. C-C BETWEEN SKIP-DASH LINE AND SOLID LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK	12 IN. @ 90°	SOLID	WHITE	12 IN. LONGITUDINAL BAR WITH 24 IN. SPACE 6 FT. TO 12 FT. WIDE SEE TYPICAL CROSSWALK MARKING DETAIL
STOP BARS	24 IN.	SOLID	WHITE	PLACE 4 FT. IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE PLACE AT DESIRED STOPPING POINT.
PAINTED MEDIANS	2 @ 4 IN. & 11 IN. C-C 12 IN. DIAGONALS @ 45° NO DIAGONALS USED FOR 4 FT. WIDE MEDIAN	SOLID	YELLOW: 2-WAY TRAFFIC WHITE: 1-WAY TRAFFIC	11 IN. C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING DETAIL MINIMUM OF 5 DIAGONALS
GORE MARKING AND CHANNELIZING LINES	8 IN. WITH 12 IN. DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS 15 FT. C-C (LESS THAN 30 M.P.H.) 20 FT. C-C (30 TO 45 M.P.H.) 30 FT. C-C (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS
R.R. CROSSING	24 IN. TRANSVERSE LINES RR IS 6 FT. LETTER 16 IN. LINE FOR 'X'	SOLID	WHITE	SEE L.D.O.T. STD. 780001 50 FT. AREA UP "R" = 3.6 SQ. FT. / "R" "X" = 54.0 SQ. FT.
SHOULDER DIAGONALS (FOR PAVED SHOULDER ≥ 6 FT.)	12 IN. @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50 FT. C-C (LESS THAN 30 M.P.H.) 75 FT. C-C (30 TO 45 M.P.H.) 150 FT. C-C (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS

ALL PAVEMENT MARKINGS TO BE GROOVED THERMOPLASTIC, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO PART III "MARKINGS" IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES",
THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AND THE LATEST L.D.O.T. HIGHWAY STANDARD 78000L

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR
				DSCNR/LIAISON
				PLOTTED BY: hdmrc 9/5/2017

FILE NAME: C:\Users\hdmrc\Desktop\LCT800 TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS.dgn

LakeCounty
Division of Transportation

PROJECT NAME

LAKE COUNTY STANDARDS & DETAILS

LakeCounty
Division of Transportation

APPROVED BY: A. KHAWAJA
DATE: APRIL 1, 2007

TYPICAL PAVEMENT MARKINGS
FOR COUNTY HIGHWAYS

SHEET 2 OF 2

LCT800

FILE NAME =
4600.034-LCDOT-StdDetails.dgn
4600.054
LCDOT STANDARD LCT800(2)

USER NAME = mvasak
PLOT SCALE = 1:2
PLOT DATE = 4/10/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

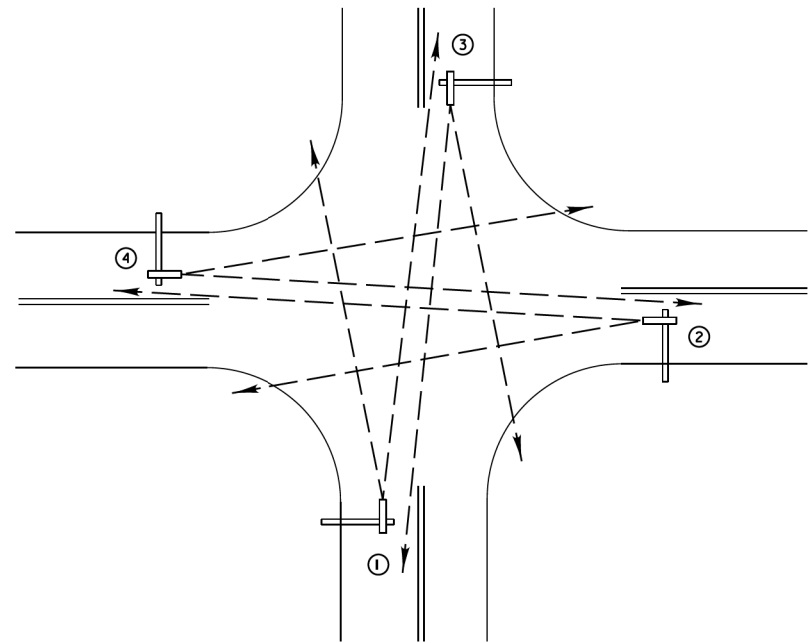
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LCDOT STANDARD DETAILS
ROLLINS ROAD

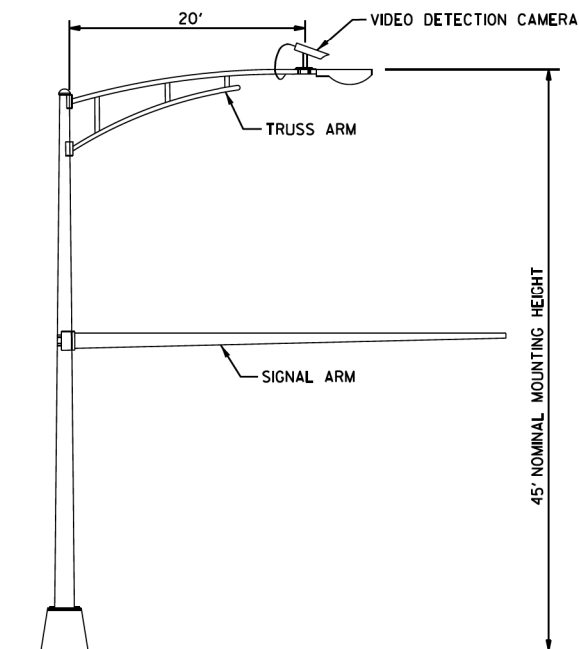
STA. TO STA.

F.A.U.
RTE. 1061
SECTION 17-00080-00-PV
COUNTY LAKE
TOTAL SHEETS 150
SHEET NO. 130
CONTRACT NO. 61186
ILLINOIS FED. AID PROJECT

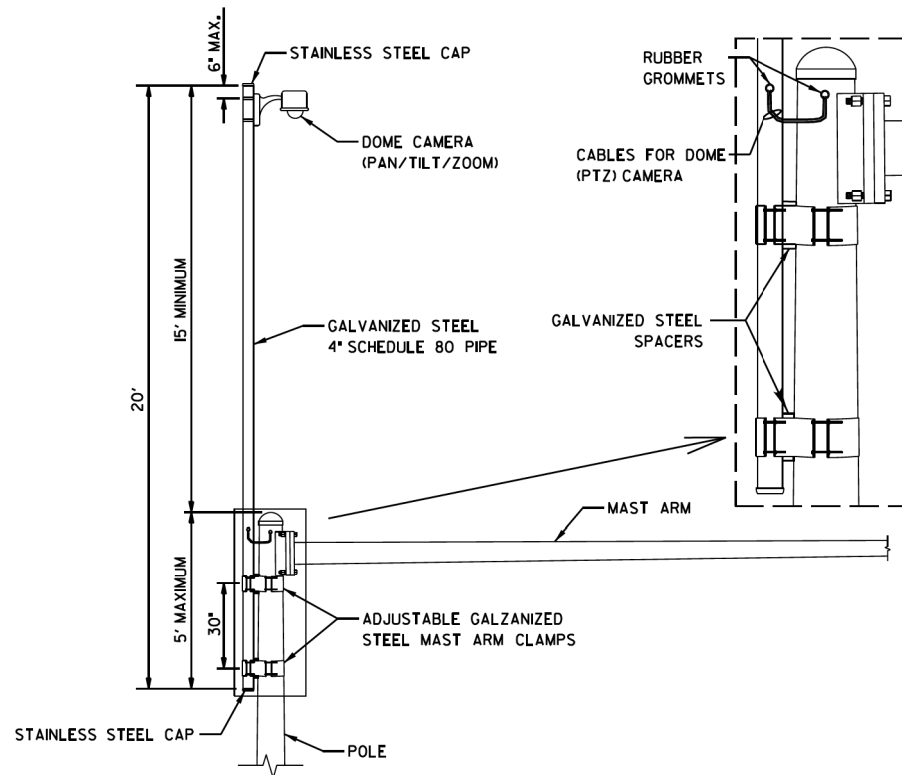


TYPICAL VIDEO VEHICLE
DETECTION SYSTEM
(NOT TO SCALE)

(4) VIDEO DETECTION CAMERA ASSEMBLIES AND BRACKETS ① ② ③ ④

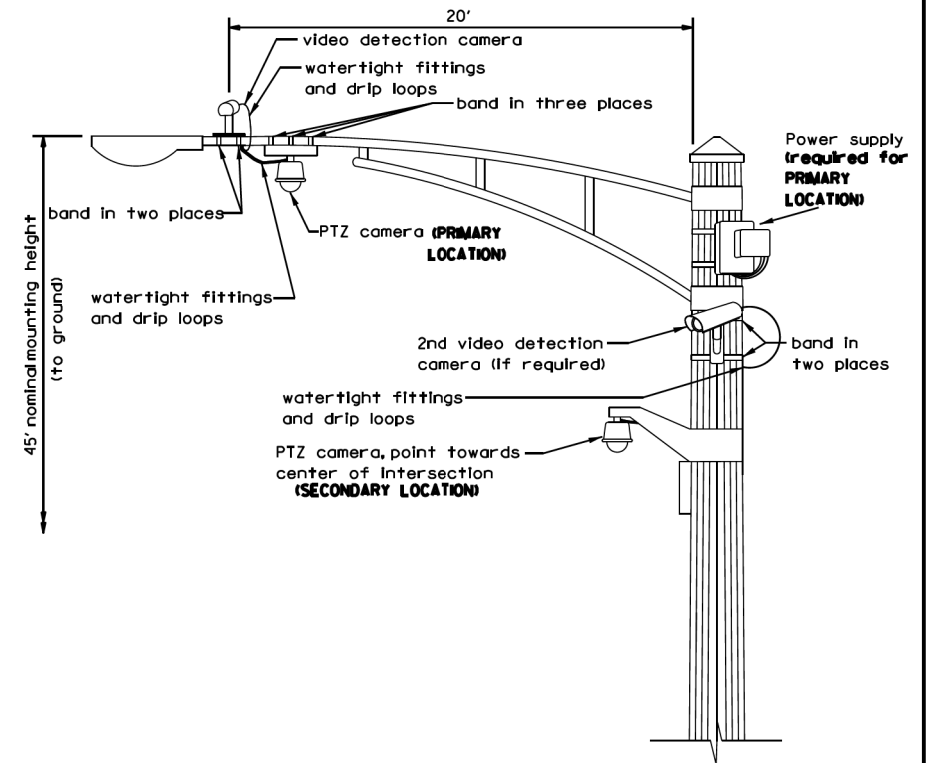


COMBINATION MAST ARM ASSEMBLY
AND POLE DIMENSIONS
(NOT TO SCALE)



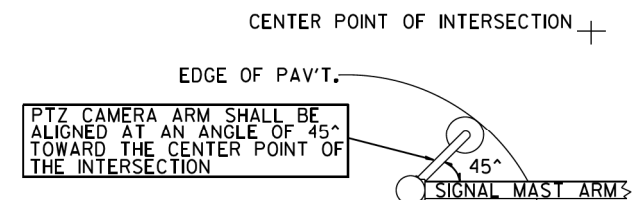
CAMERA MOUNTING ASSEMBLY DETAIL
(NOT TO SCALE)

- NOTES:
- THE MAST ARM IS TAPERED.
 - INSTALL EXTENSION POLE VERTICAL AND PLUMB BY MODIFYING/INSTALLING BRACKETS AS NECESSARY. ADDITIONAL SPACERS REQUIRED ARE INCLUDED IN THE COST OF THE CAMERA MOUNTING ASSEMBLY OF THE TYPE SPECIFIED.
 - SPACERS ARE TO BE INTEGRATED OR MANUFACTURED WITH THE MAST ARM BRACKETS



VIDEO DETECTION CAMERA(S) AND
DOME (PTZ) CAMERA MOUNTING DETAIL
(NOT TO SCALE)

- NOTES FOR SINGLE, DUAL AND MULTIPLE CAMERA MOUNTING:
- MOUNT LUMINAIRE MOUNTING BRACKET AS HIGH AS POSSIBLE.
 - MOUNT VIDEO DETECTION CAMERA AIMING DOWN TOWARD THE DIRECTION OF TRAFFIC TO BE DETECTED.



PTZ CAMERA MOUNTING DETAILS
(SECONDARY LOCATION)
(NO SCALE)

REVISIONS		DATE	 Lake County Division of Transportation	APPROVED BY: J. P. NELSON	LC8900
Mounting Details Revised		05/01/08		DATE: JUNE 13, 2014	
2nd Camera Locat. added		01/14/09			
Mast Arm Taper Detail		06/01/12			
Mounting Details Revised		06/13/14			
			CAMERA MOUNTING DETAILS		

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	SURVEYOR	/
		/ /		DSCNR/LIAISON	
		/ /		PLOTTED BY	hdrmc 5/7/2020

FILE NAME: C:\Users\hdrmc\Desktop\LC8900 VIDEO DETECTION DETAILS.DGN



PROJECT NAME

LAKE COUNTY STANDARDS & DETAILS

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CHXX	XXX	XX-XXXXX-XX-XX	XXX	XXX

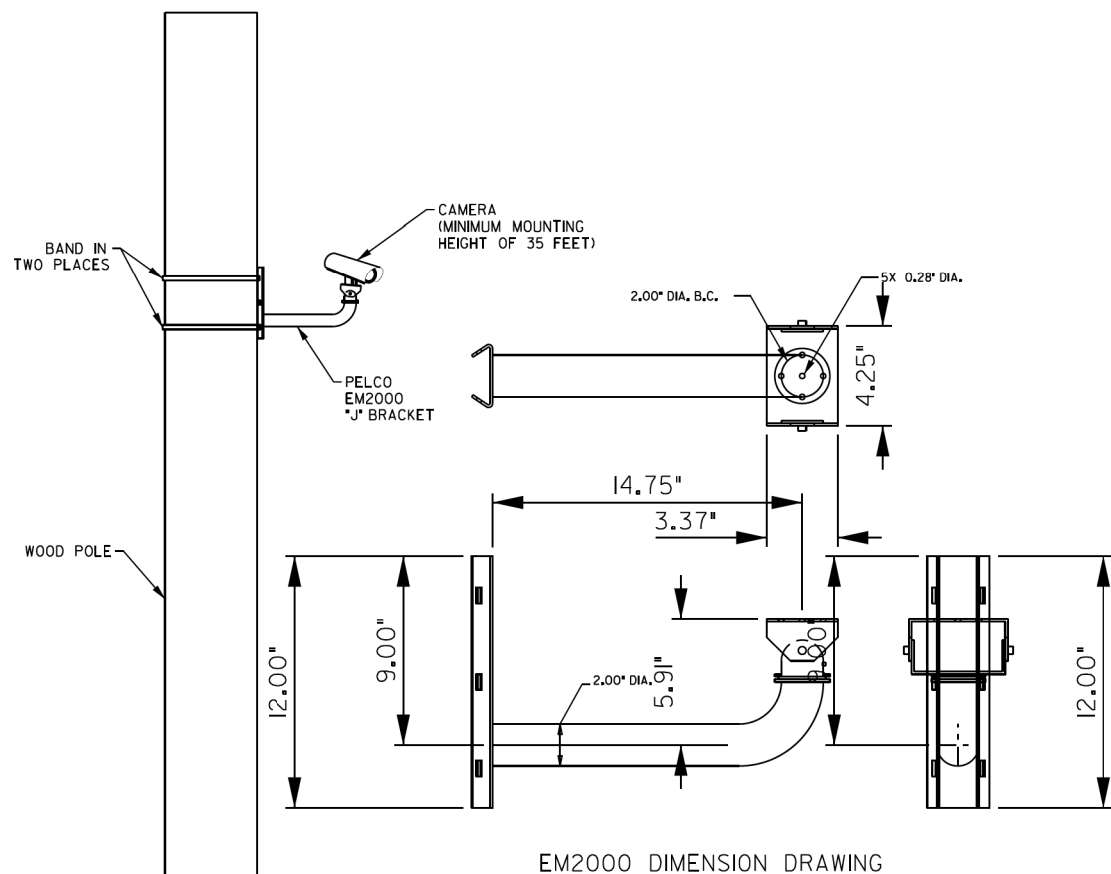
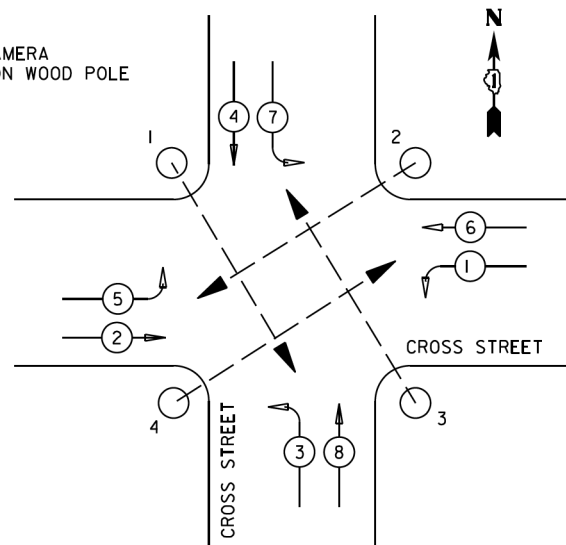
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LCDOT STANDARD DETAILS
ROLLINS ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	131
CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				

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DRAWN -
PLOT SCALE = 1/2
CHECKED -
DATE -
PLOT DATE = 4/10/2025
DESIGNED -
DRAWN -
PLOT SCALE = 1/2
CHECKED -
DATE -
PLOT DATE = 4/10/2025

1, 2, 3, 4 CAMERA
MOUNTED ON WOOD POLE



EM2000 DIMENSION DRAWING

TEMPORARY CAMERA MOUNTING DETAILS
(NOT TO SCALE)

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	SURVEYOR	/
		/ /		DSCNR/LIAISON	
		/ /		PLOTTED BY	hdms 5/23/2011

FILE NAME: C:\Documents and Settings\hdms\My Documents\LCDOT DETAILS\LC8901 TEMPORARY AUTOSCOPE INSTALLATION.dgn



PROJECT NAME

LAKE COUNTY STANDARDS & DETAILS



APPROVED BY: A. KHAWAJA
DATE: APRIL 1, 2007

TEMPORARY
AUTOSCOPE INSTALLATION

LC8901

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
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4600.054
LCDOT STANDARD LC8901

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DESIGNED -
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DATE -

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LCDOT STANDARD DETAILS
ROLLINS ROAD

TO STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	132
CONTRACT NO. 61J86				
ILLINOIS FED. AID PROJECT				

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
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NOTE BOOK	TEMPLATE		
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4600-034-SHT-XS_Hook (1).dgn
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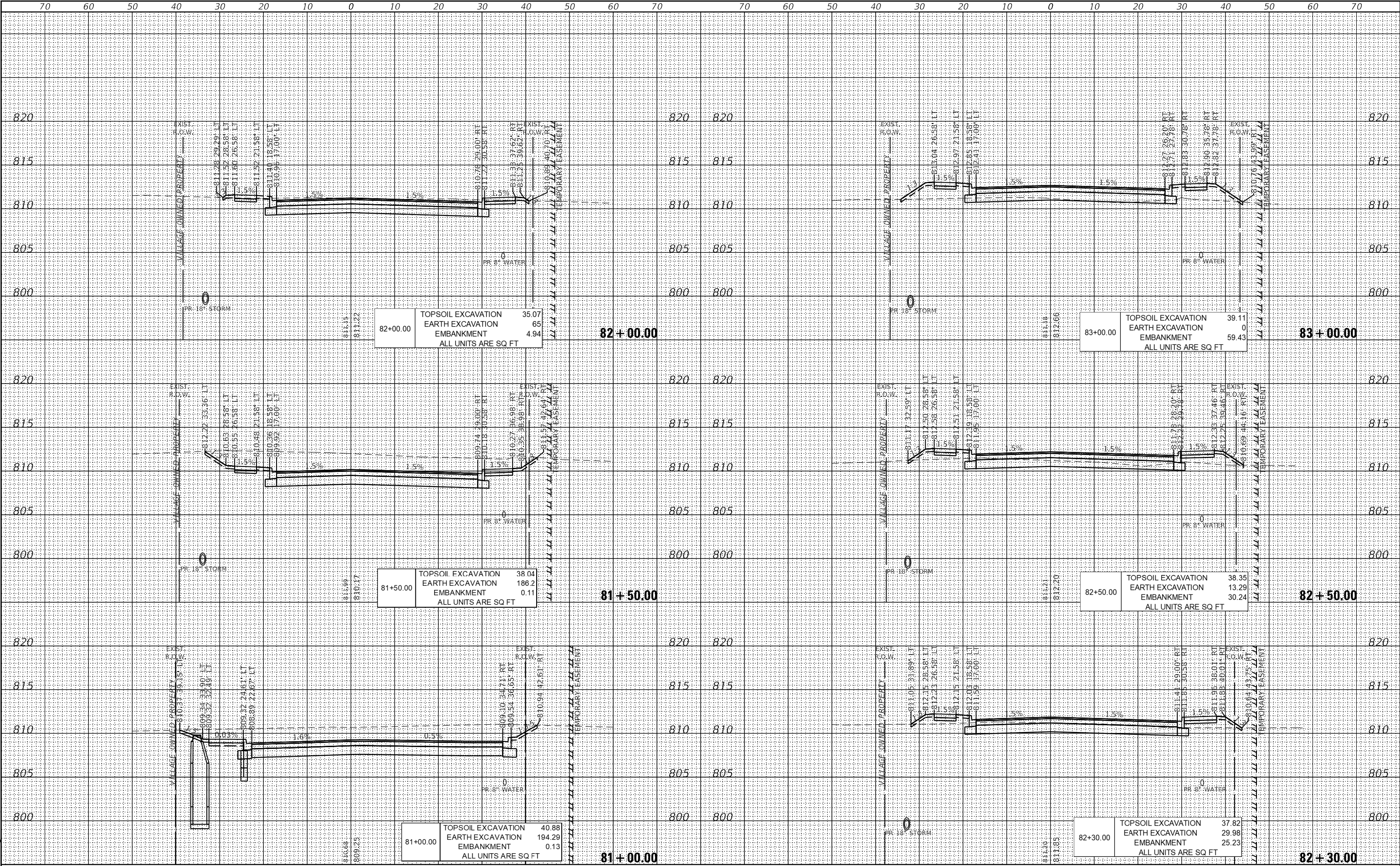
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

HOOK DRIVE

SCALE: 1"=10' SHEET 1 OF 12 SHEETS STA. 81+00.00 TO STA. 83+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				

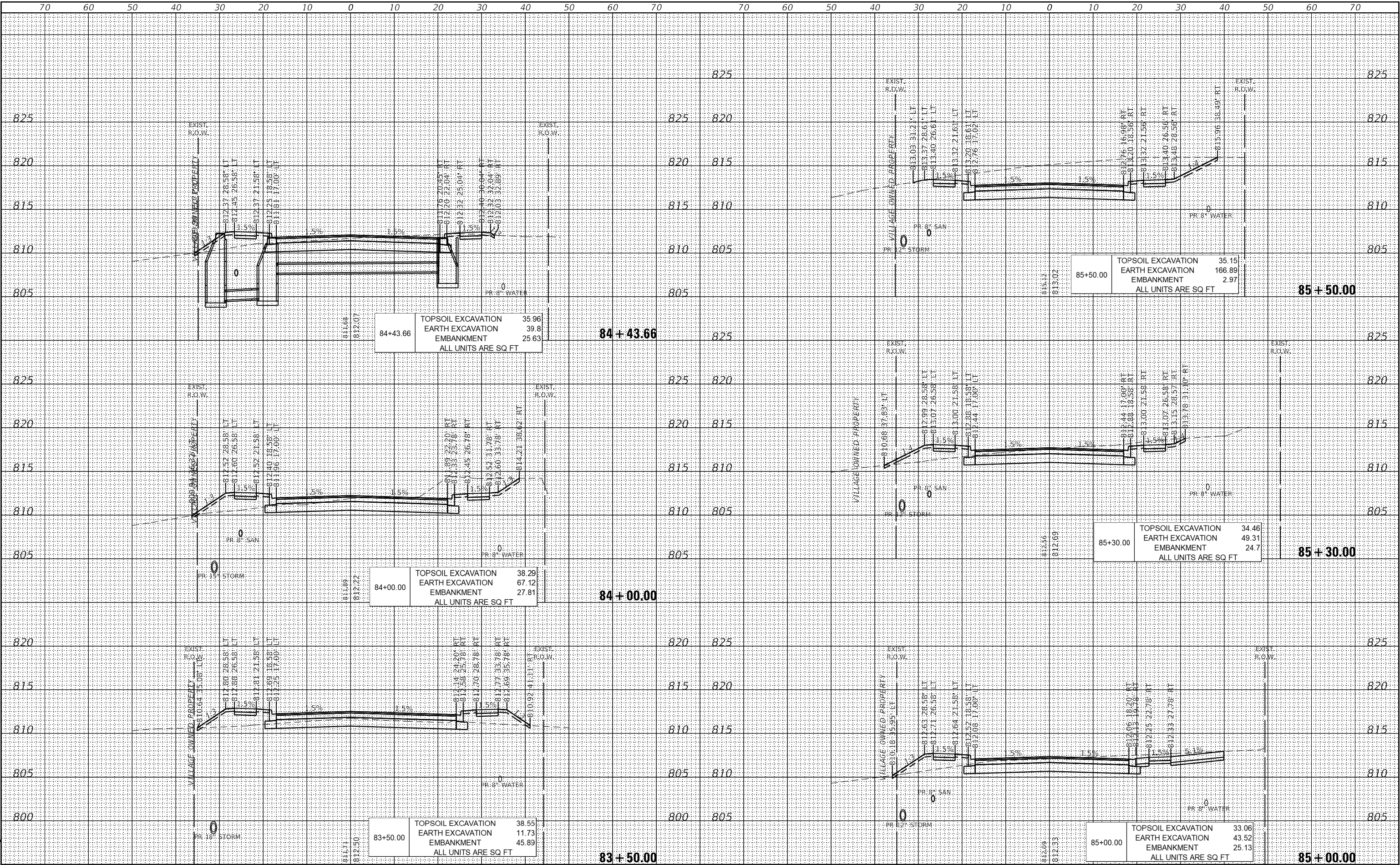


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NO.	AREAS CHECKED		

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GH&A GEWALT HAMILTON
ASSOCIATES, INC.

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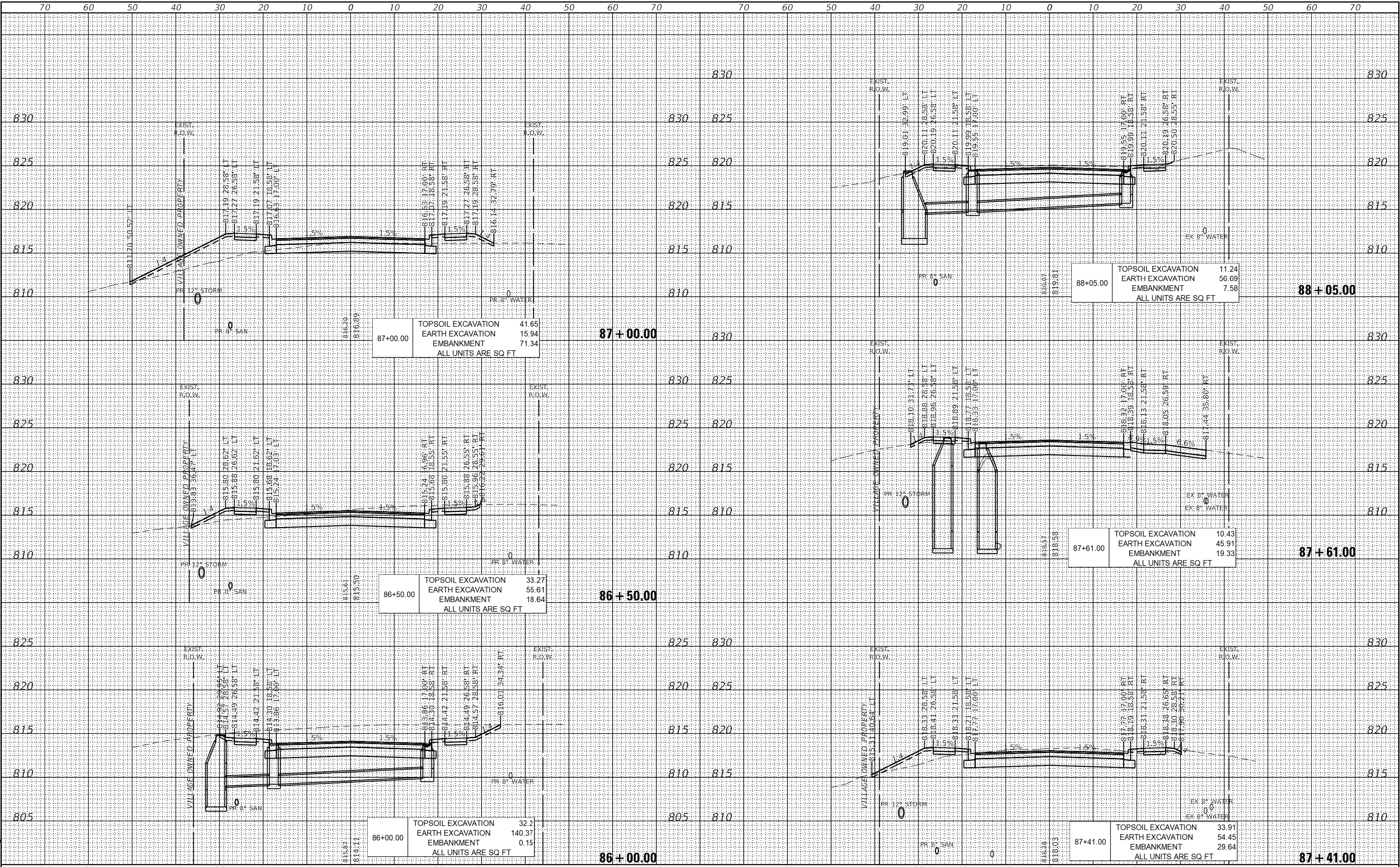


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ORIGINAL	SURVEYED	BY	DATE
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GH&A GEWALT HAMILTON ASSOCIATES, INC.
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XS_SHEET_temporary_model_name_3



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DRAWN - PJS	REVISD -
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DATE - 4/10/2025	REVISD -

DESIGNED - MJV	REVISD -
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DATE - 4/10/2025	REVISD -

DESIGNED - MJV	REVISD -
DRAWN - PJS	REVISD -
CHECKED - MJV	REVISD -
DATE - 4/10/2025	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

HOOK DRIVE

SCALE: 1"=10'	SHEET 3 OF 12 SHEETS	STA. 86+00.00 TO STA. 88+05.00
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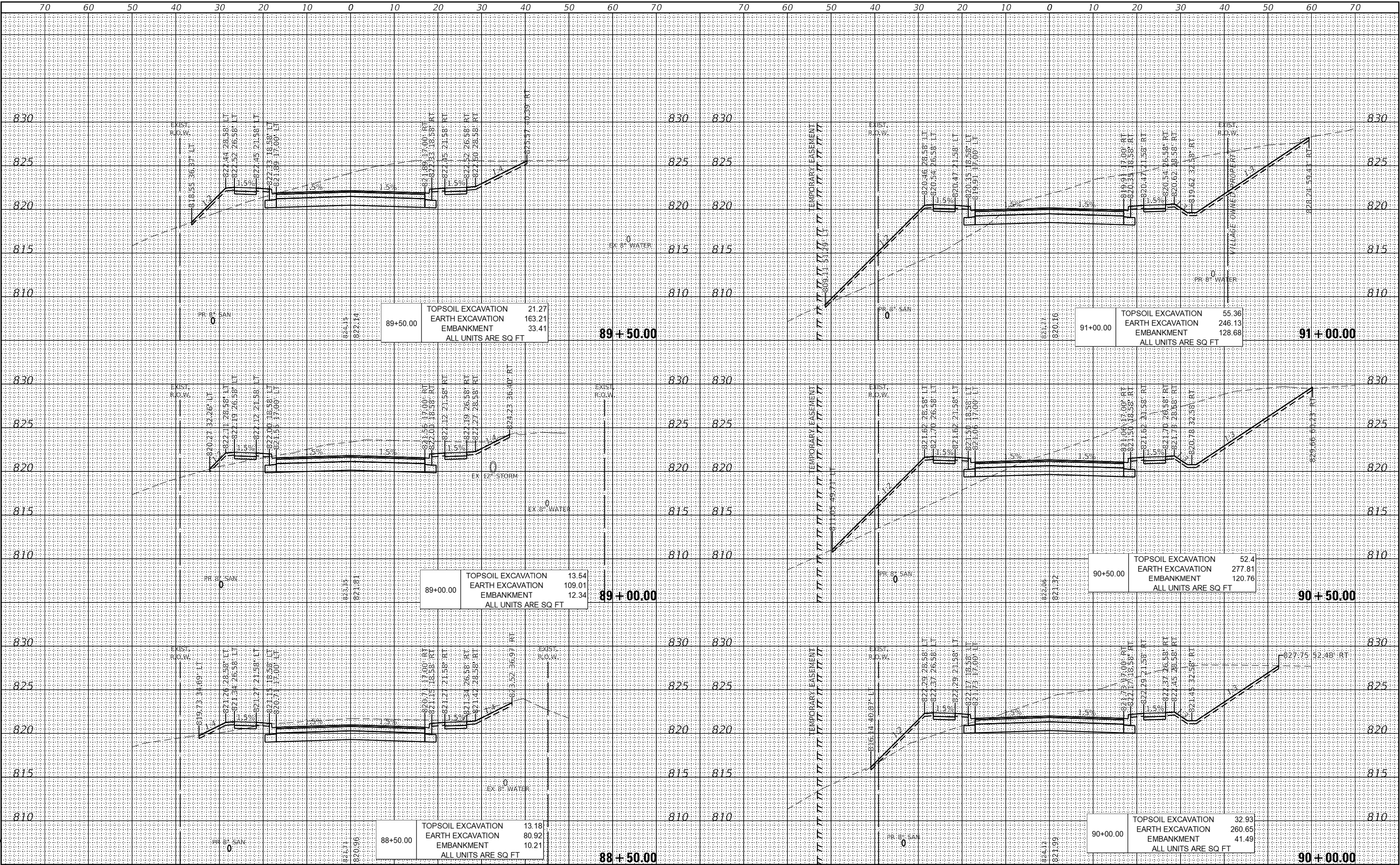
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CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
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NO.	AREAS CHECKED		

GH/ GEWALT HAMILTON
ASSOCIATES, INC.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
HOOK DRIVE			
SCALE: 1"=10'	SHEET 4	OF 12 SHEETS	STA. 88+50.00 TO STA. 91+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	136
CONTRACT NO. 61186				
ILLINOIS				FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL XS_SHEET_temporary_model_name_1
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CHECKED - MJV	REVISD -
DATE - 4/10/2025	REVISD -

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DATE - 4/10/2025	REVISD -

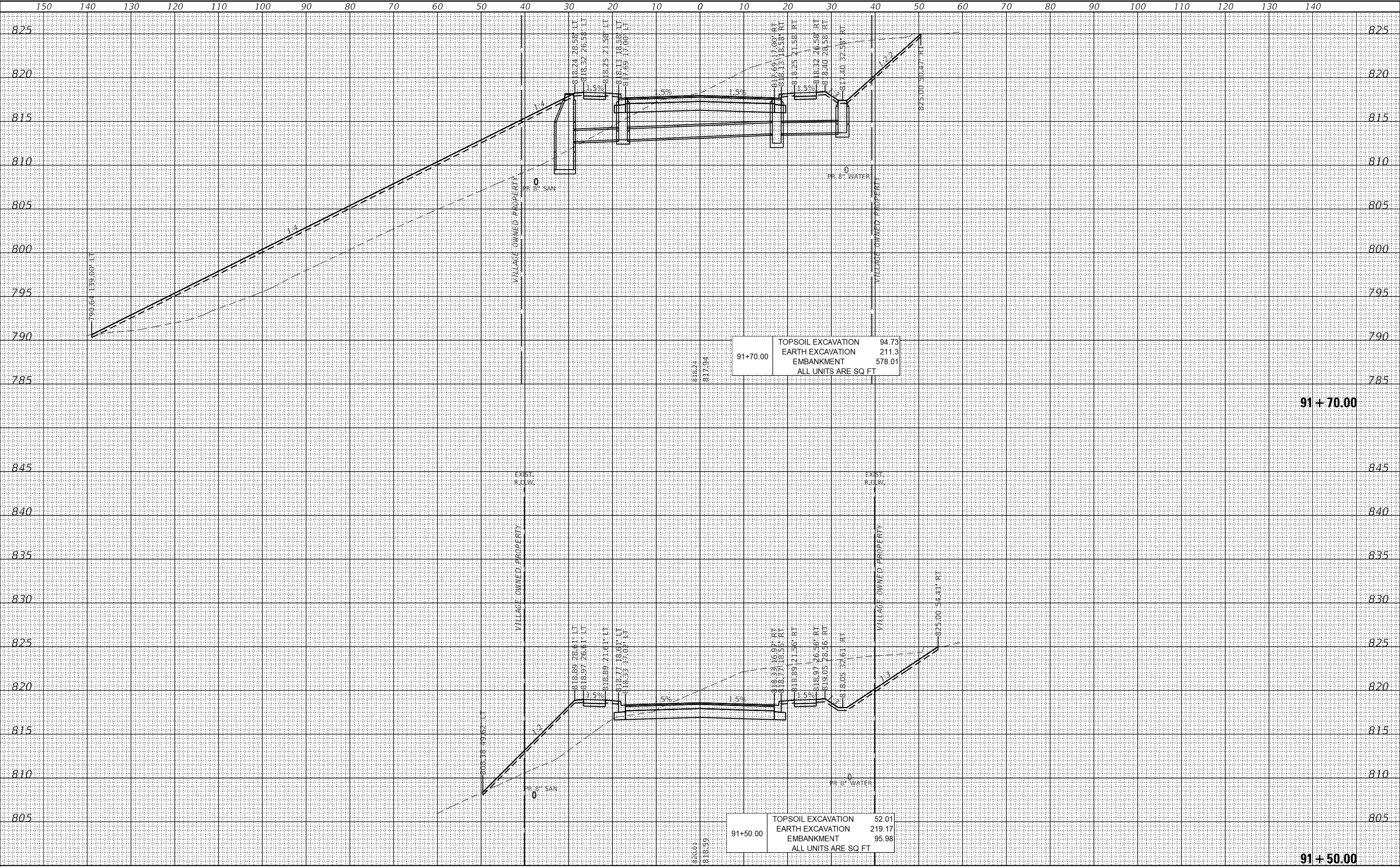
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

HOOK DRIVE

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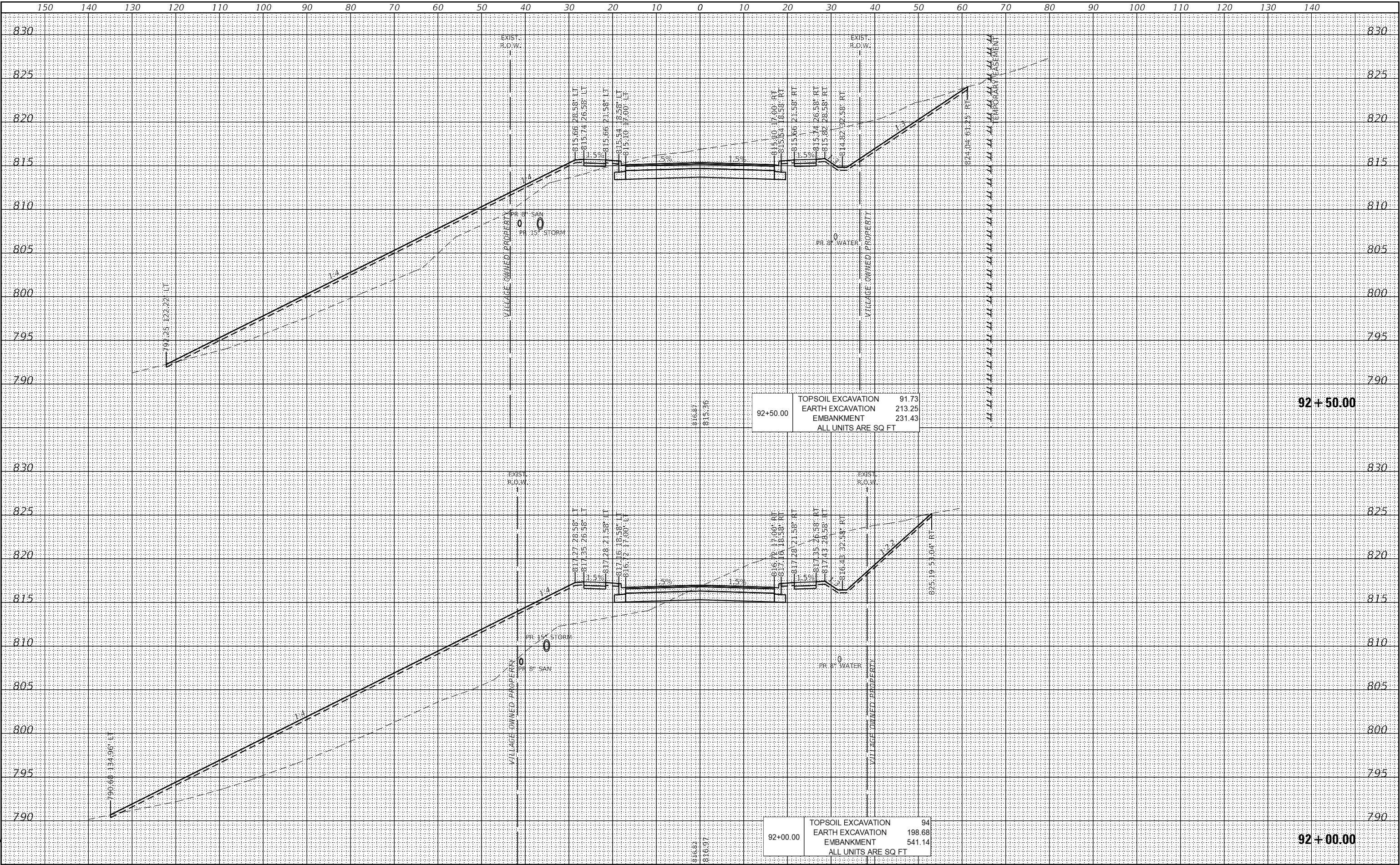
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1061	17-00080-00-PV	LAKE	150	137
CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				



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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
MODEL XS_SHEET_temporary_model_name_2
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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	
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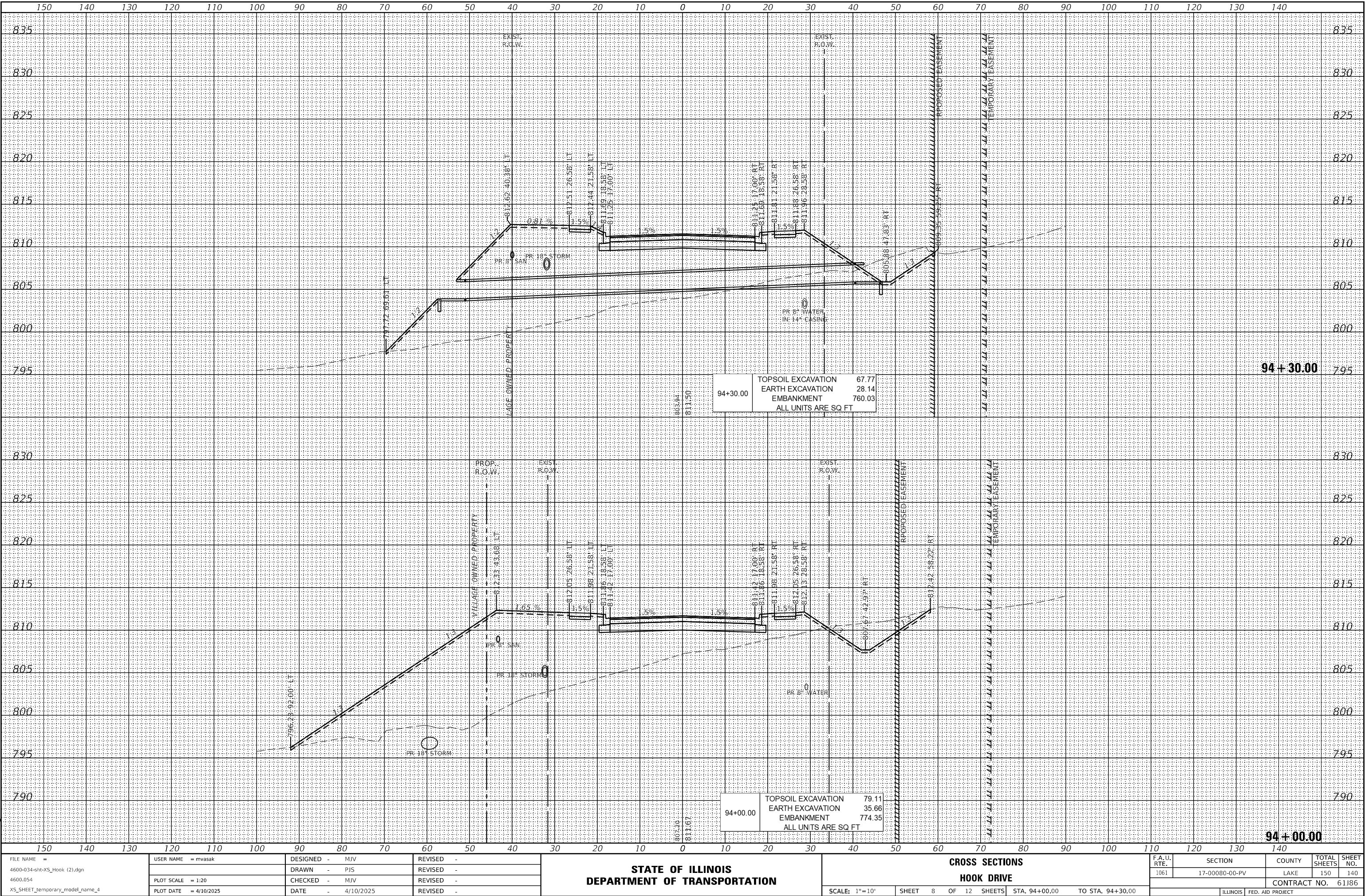
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	139
		CONTRACT NO. 61186		
ILLINOIS		FED. AID PROJECT		

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
MODEL XS_SHEET_temporary_model_name_4
FILE NAME: 4600-034-PRCS Hook (2).dgn



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XS_SHEET_temporary_model_name_4		DATE - 4/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
HOOK DRIVE			
SCALE: 1"=10'	SHEET 8	OF 12 SHEETS	STA. 94+00.00 TO STA. 94+30.00

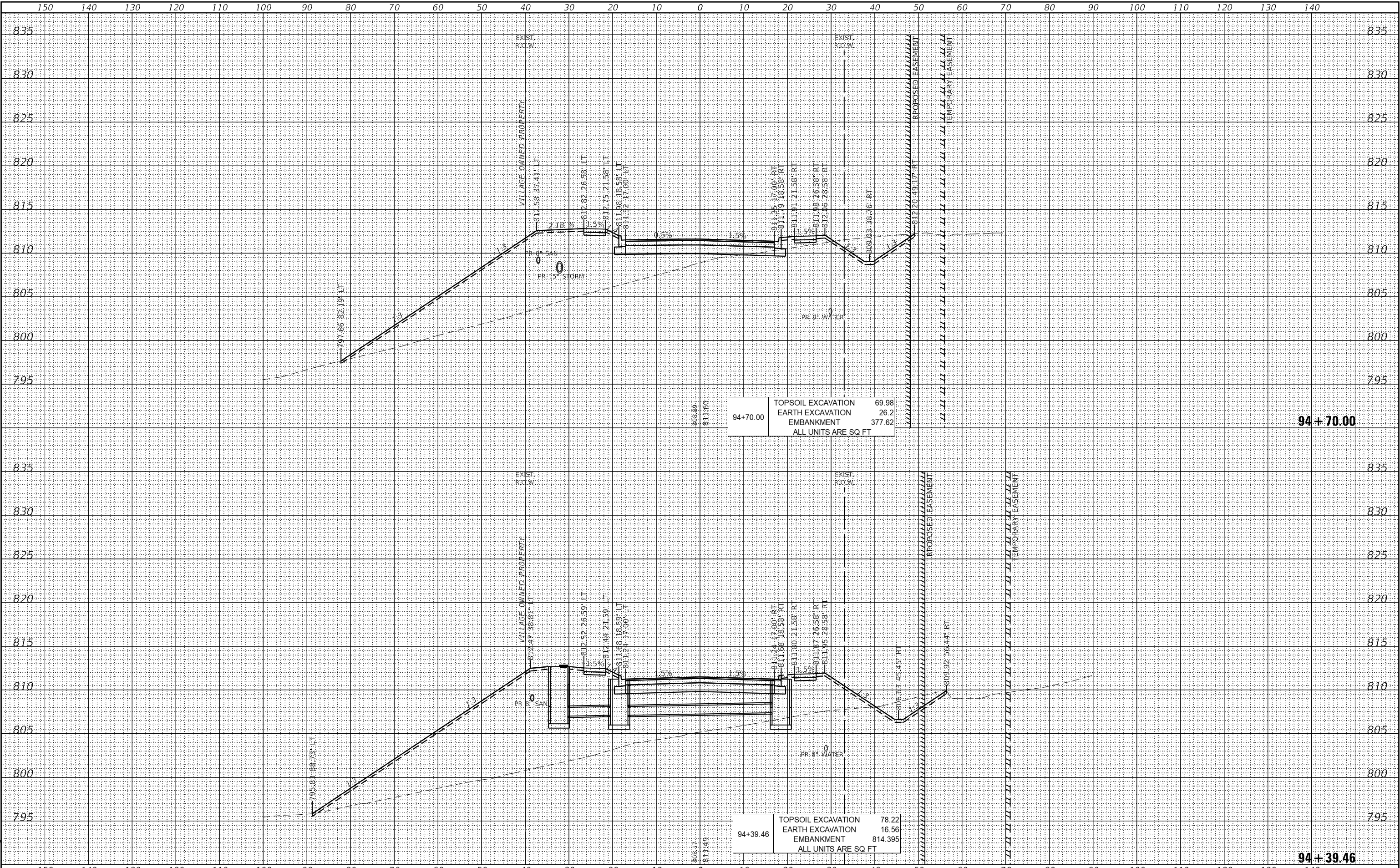
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	140
CONTRACT NO. 61186				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED PLOTTED	DATE
NO.	AREAS CHECKED	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED PLOTTED	DATE
NO.	AREAS CHECKED	
NO.	AREAS CHECKED	

MODEL XS SHEET temporary_model_name_5
FILE NAME: 4600-034-SHT-XS_Hook (2).dgn
4600.054
XS_SHEET_temporary_model_name_5

GH/ GEWALT HAMILTON
ASSOCIATES, INC.



FILE NAME =	USER NAME = mvasak
4600-034-sht-XS_Hook (2).dgn	DESIGNED - MJV
4600.054	DRAWN - PJS
XS_SHEET_temporary_model_name_5	CHECKED - MJV
	DATE - 4/10/2025

DESIGNED - MJV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MJV	REVISED -
DATE - 4/10/2025	REVISED -

REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

HOOK DRIVE

SCALE: 1"=10' SHEET 9 OF 12 SHEETS STA. 94+39.46 TO STA. 94+70.00

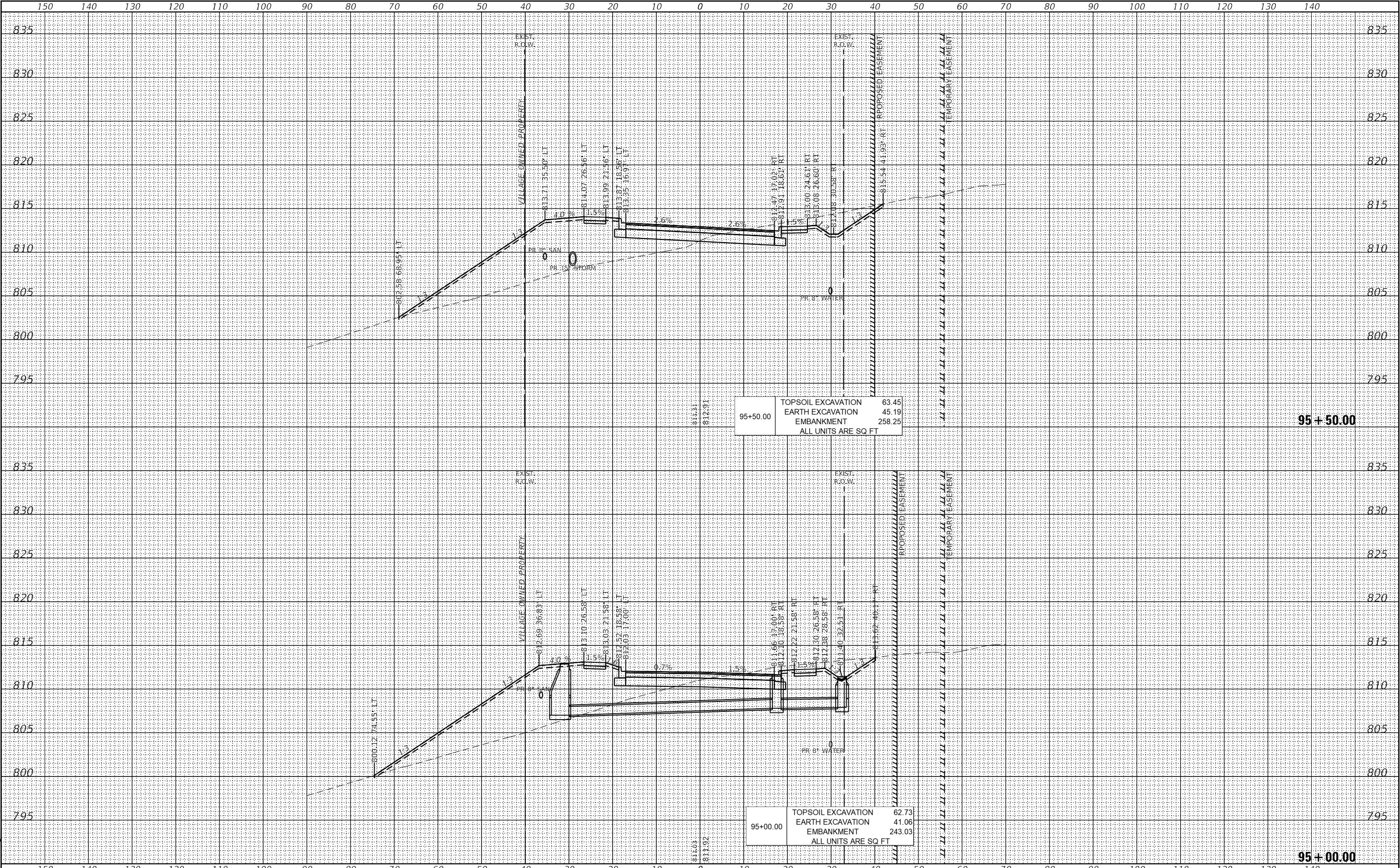
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	141
CONTRACT NO. 61186				
ILLINOIS			FED. AID PROJECT	

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

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

GH/ GEWALT HAMILTON
ASSOCIATES, INC.

MODEL XS_SHEET_temporary_model_name_6
FILE NAME: 4600-034-RTXS_Hook (2).dgn



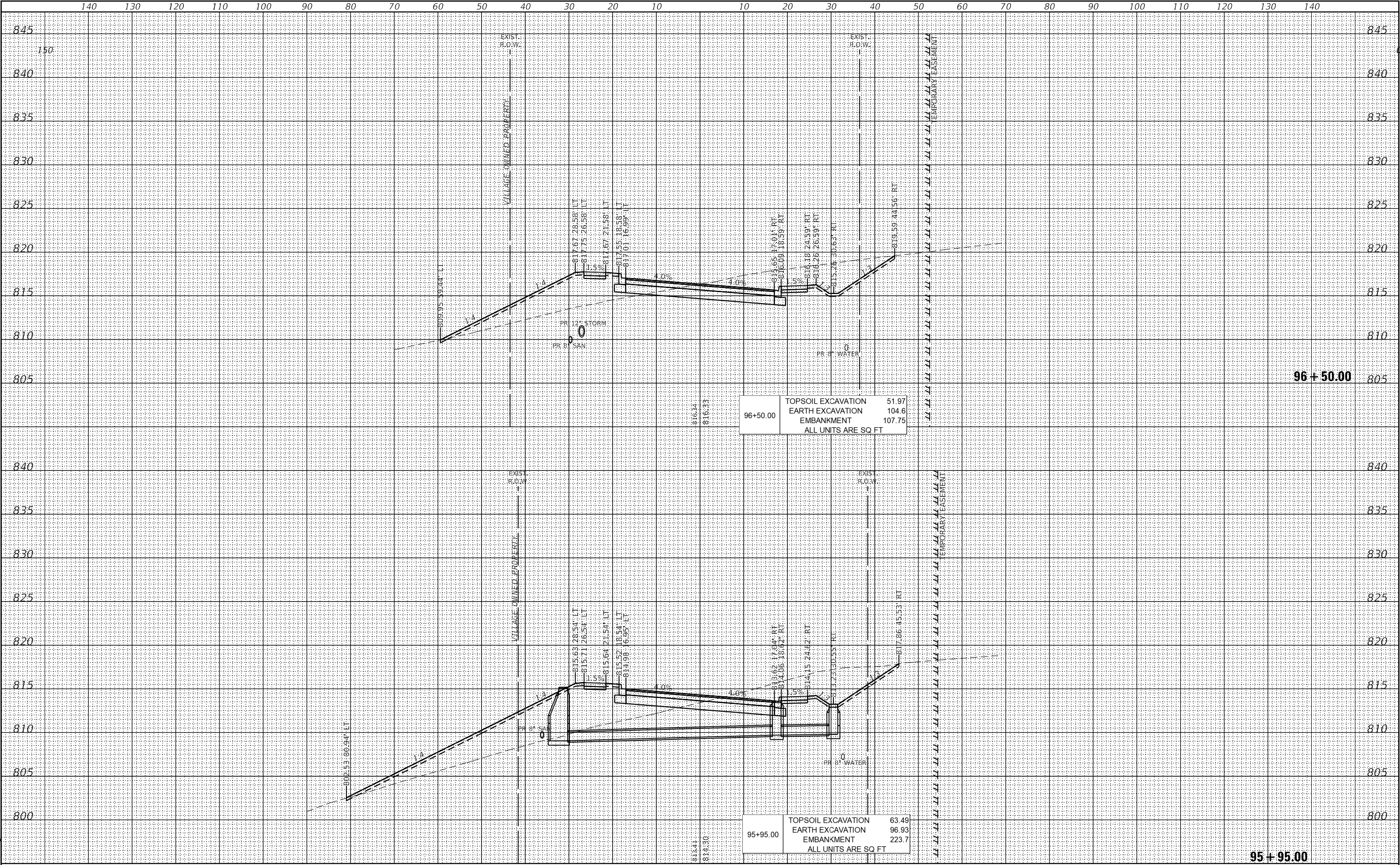
FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS HOOK DRIVE	SCALE: 1"=10'	SHEET 10 OF 12 SHEETS	STA. 95+00.00 TO STA. 95+50.00	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4600-034-sht-XS_Hook (2).dgn		DRAWN - PJS	REVISED -						1061	17-00080-00-PV	LAKE	150	142
4600.054		CHECKED - MJV	REVISED -						CONTRACT NO. 61186				
XS_SHEET_temporary_model_name_6		DATE - 4/10/2025	REVISED -						ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED PLOTTED	DATE
NO.	AREAS CHECKED	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED PLOTTED	DATE
NO.	AREAS CHECKED	
NO.	AREAS CHECKED	

GH/ GEWALT HAMILTON
ASSOCIATES, INC.

MODEL XS_SHEET_temporary_model_name_7
FILE NAME: 4600-034-PRCS Hook (2).dgn



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS HOOK DRIVE	SCALE: 1"=10'	SHEET 11 OF 12 SHEETS	STA. 95+95.00 TO STA. 96+50.00	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4600-034-sht-XS_Hook (2).dgn		DRAWN - PJS	REVISED -						1061	17-00080-00-PV	LAKE	150	143
4600.054		CHECKED - MJV	REVISED -						CONTRACT NO. 61186				
XS_SHEET_temporary_model_name_7		DATE - 4/10/2025	REVISED -						ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL XS_SHEET_temporary_model_name_1
FILE NAME: 4600-034-SHT-XS_Hook (3).dgn

FILE NAME =
4600-034-sht-XS_Hook (3).dgn
4600.054
XS_SHEET_temporary_model_name_1

USER NAME = mvasak
DESIGNED - MJV
DRAWN - PJS
PLOT SCALE = 1:20
PLOT DATE = 4/10/2025

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REVISD -

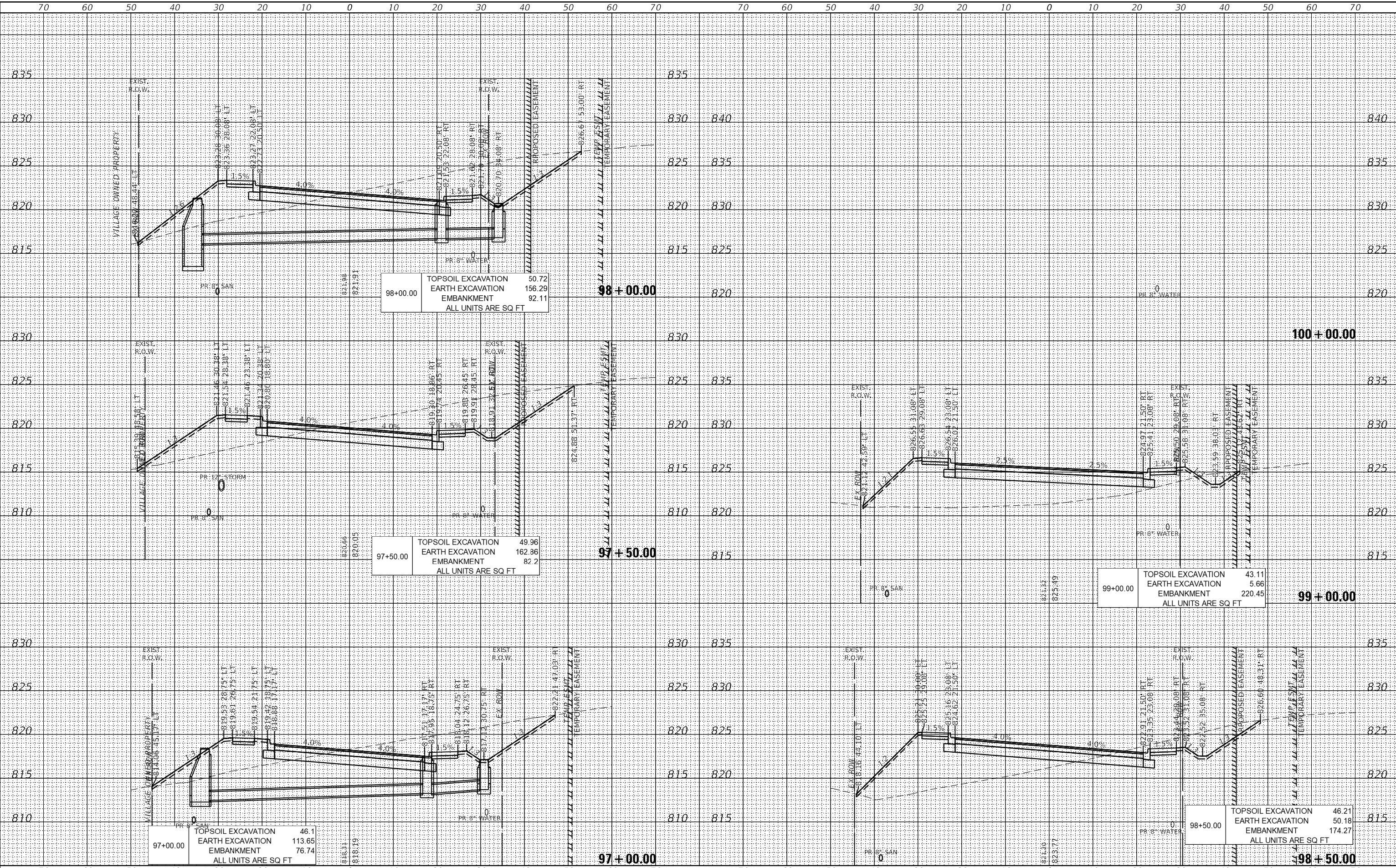
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

HOOKE DRIVE

SCALE: 1"=10'
SHEET 12 OF 12 SHEETS
STA. 97+00.00 TO STA. 100+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	144
CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				



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

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

GH&A GEWALT HAMILTON ASSOCIATES, INC.

MODEL XS_SHEET_temporary_model_name_1
FILE NAME: 4600-034-PV-XS_Woodbine.dgn

FILE NAME =
4600-034-sht-XS_Woodbine.dgn
4600.054
XS_SHEET_temporary_model_name_1

USER NAME = zwallsten
DESIGNED - MJV
DRAWN - PJS
PLOT SCALE = 1:20
PLOT DATE = 4/11/2025

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REVISED -
REVISED -
REVISED -
REVISED -

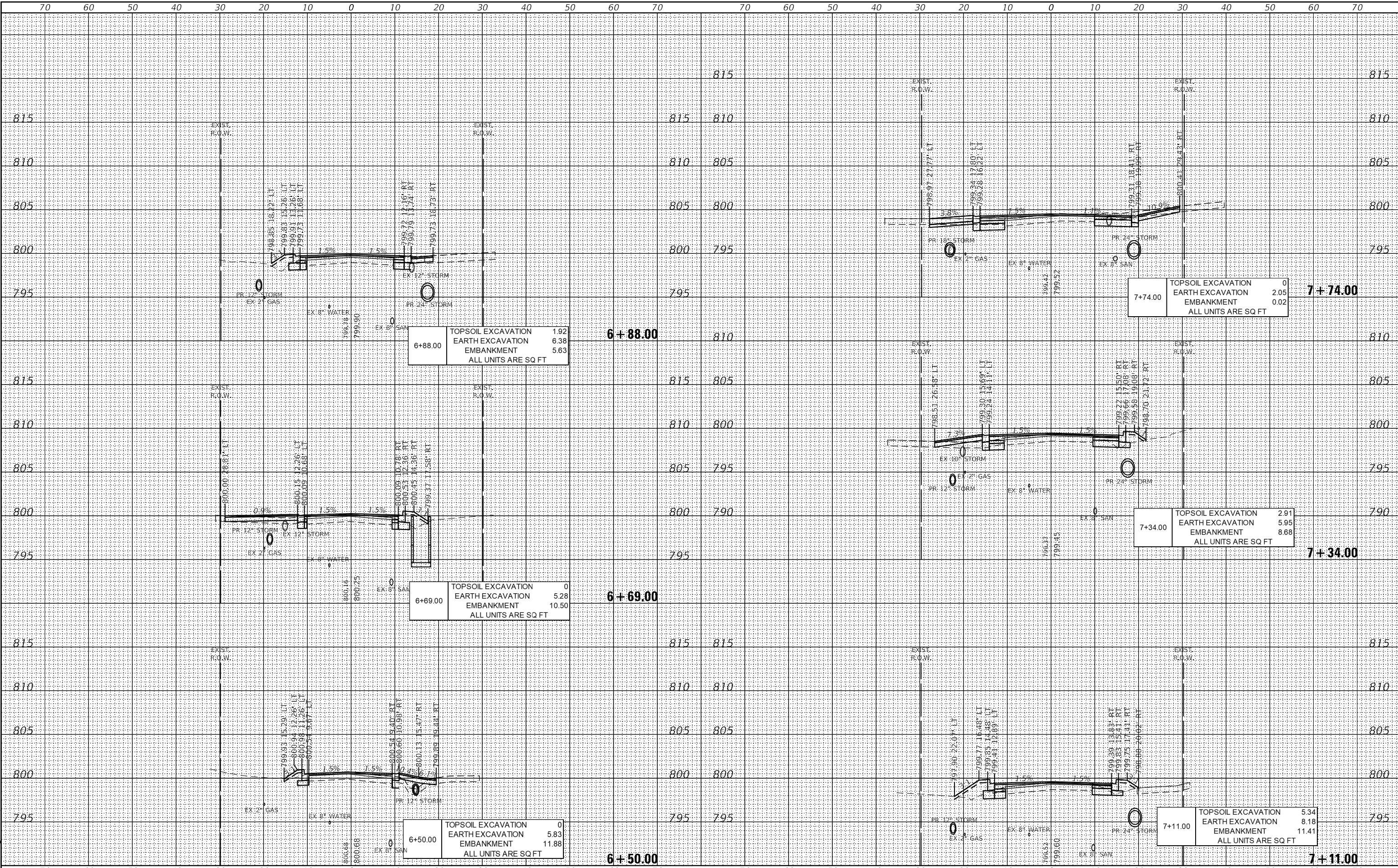
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WOODBINE DRIVE

SCALE: 1"=10'
SHEET 1 OF 2 SHEETS
STA. 6+50.00 TO STA. 7+74.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	145
CONTRACT NO. 61186				

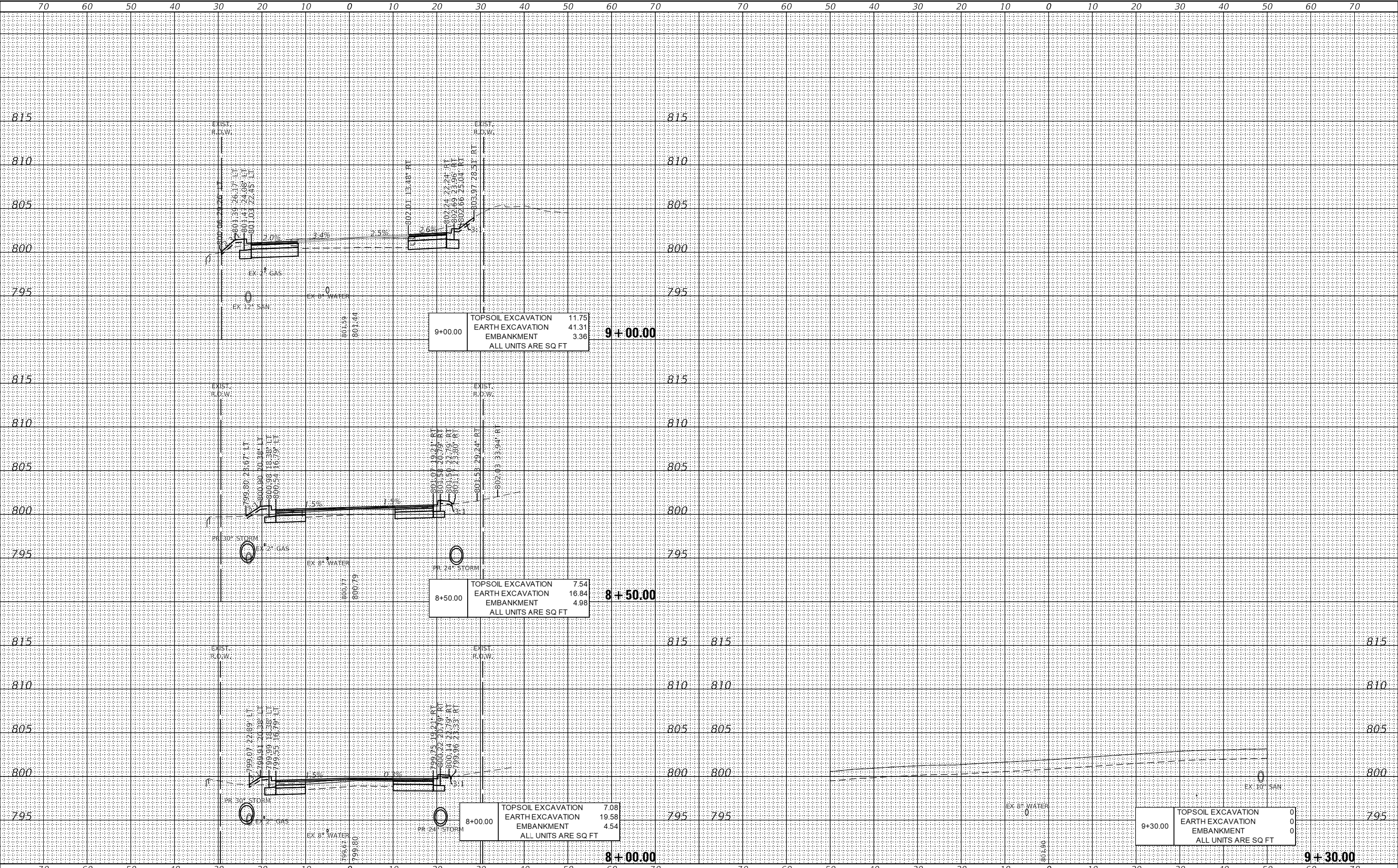
ILLINOIS FED. AID PROJECT



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

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

GH/ GEWALT HAMILTON
ASSOCIATES, INC.
MODEL XS_SHEET_temporary_model_name_2
FILE NAME: 4600-034-PRX.XS Woodbine.dgn



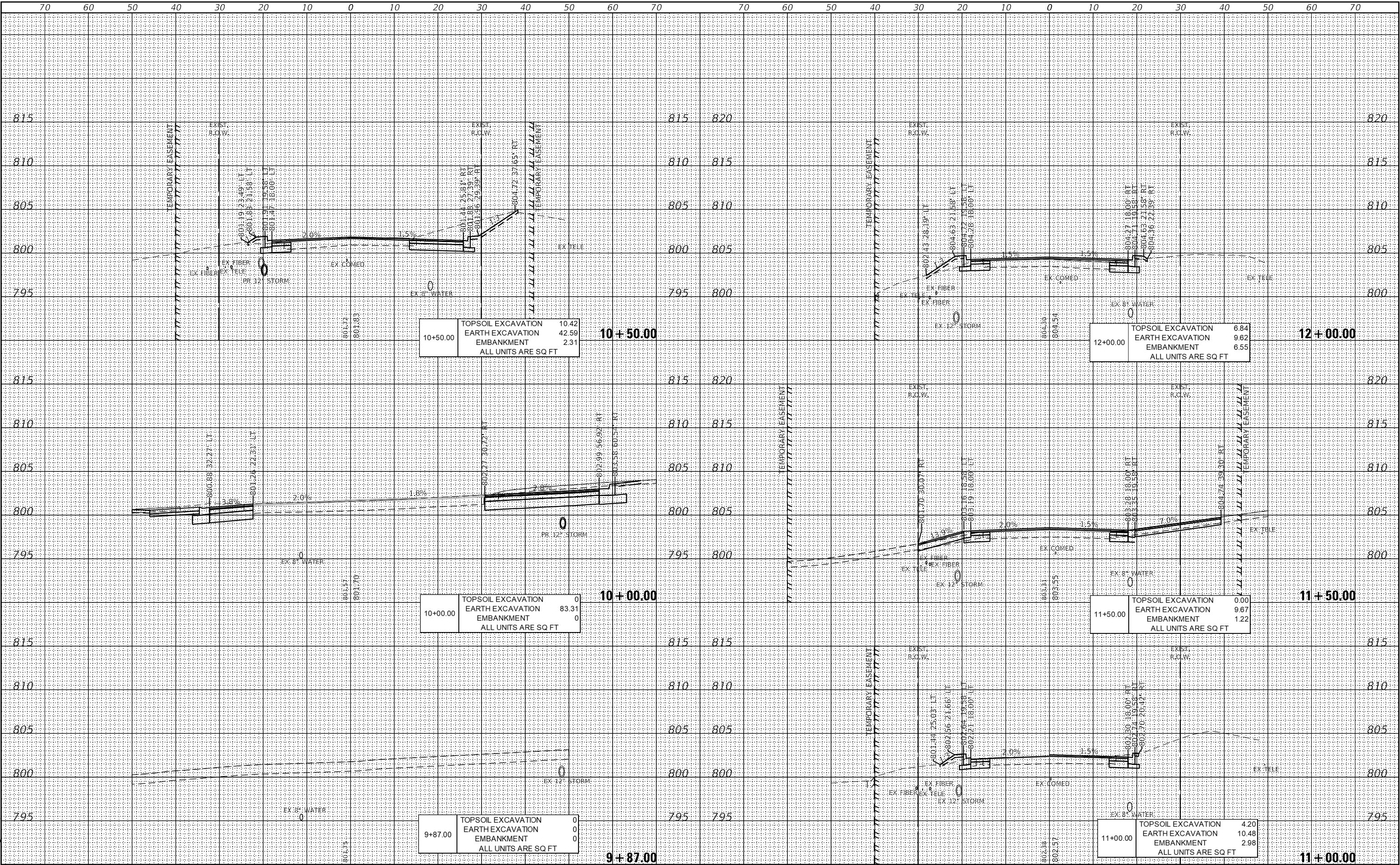
FILE NAME =	USER NAME = zwallsten	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS WOODBINE DRIVE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4600-034-sht-XS_Woodbine.dgn		DRAWN - PJS	REVISED -									1061	17-00080-00-PV	LAKE	150	146
4600.054		CHECKED - MJV	REVISED -									CONTRACT NO. 61186				
XS_SHEET_temporary_model_name_2		DATE - 4/10/2025	REVISED -					SCALE: 1"=10'				SHEET 2 OF 2 SHEETS	STA. 8+00.00 TO STA. 9+30.00	ILLINOIS FED. AID PROJECT		

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

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

GH&A GEWALT HAMILTON
ASSOCIATES, INC.

MODEL XS_SHEET_temporary_model_name_1
FILE NAME: 4600-034-PV XS_Nicole.dgn



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4600-034-sht-XS_Nicole.dgn		DRAWN - PJS	REVISED -		NICOLE LANE				1061	17-00080-00-PV	LAKE	150	147
4600.054	PLOT SCALE = 1:20	CHECKED - MJV	REVISED -						CONTRACT NO. 61186				
XS_SHEET_temporary_model_name_1	PLOT DATE = 4/10/2025	DATE - 4/10/2025	REVISED -		SCALE: 1"=10'		SHEET 1 OF 4 SHEETS	STA. 9+87.00 TO STA. 12+00.00		ILLINOIS FED. AID PROJECT			

FINAL	SURVEYED	DATE
SURVEY	BY	
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL	SURVEYED	DATE
SURVEY	BY	
PLOTTED		
NOTE BOOK		
NO.		

MODEL XS SHEET temporary_model_name_2
FILE NAME: 4600-034-PK15 Nicole.dgn

4600-034-sht-XS_Nicole.dgn
4600.054
XS_SHEET_temporary_model_name_2

USER NAME	= mvasak
DESIGNED	- MJV
DRAWN	- PJS
PLOT SCALE	= 1:20
PLOT DATE	= 4/10/2025

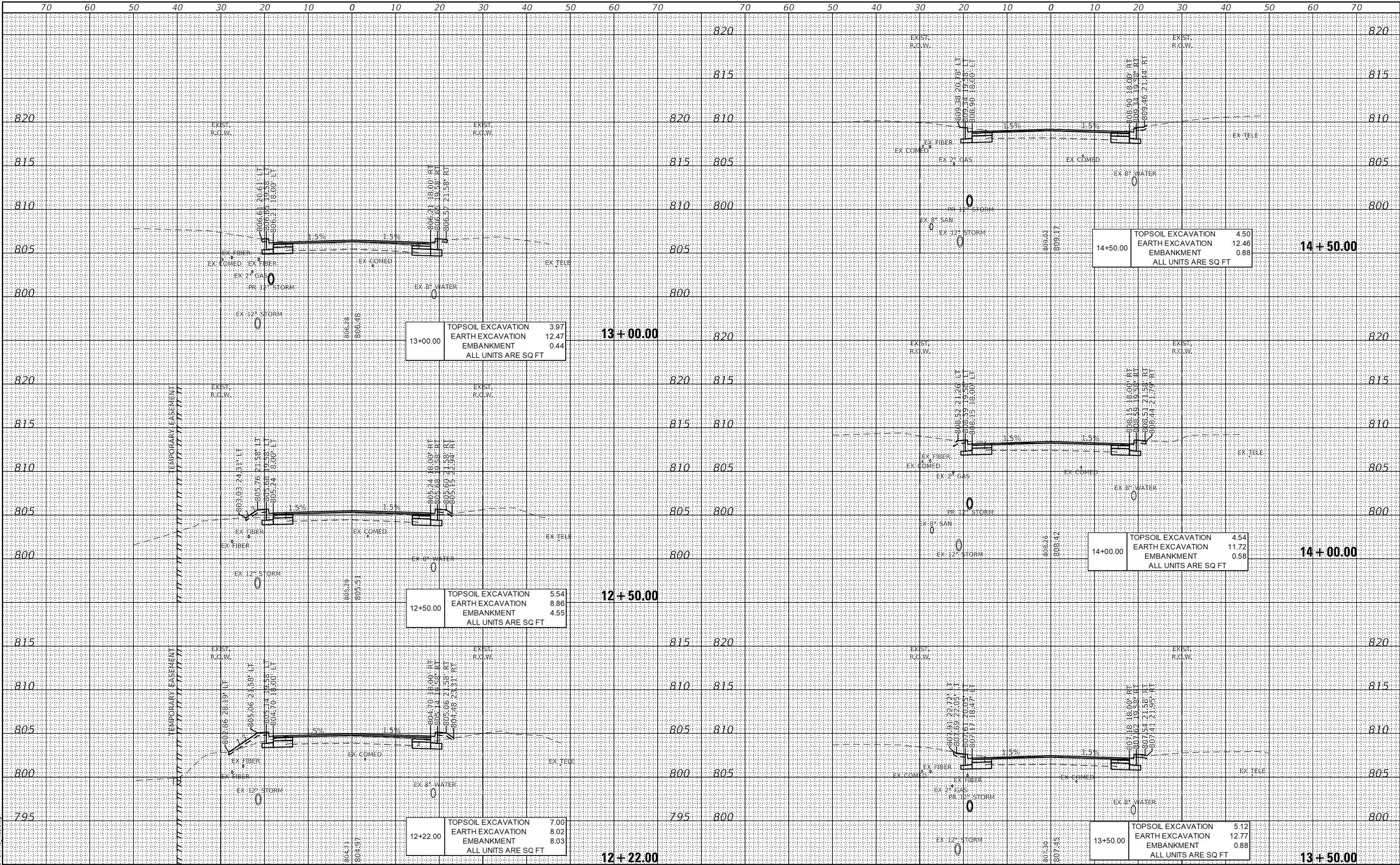
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NICOLE LANE

SCALE: 1"=10' SHEET 2 OF 4 SHEETS STA. 12+22.00 TO STA. 14+50.00

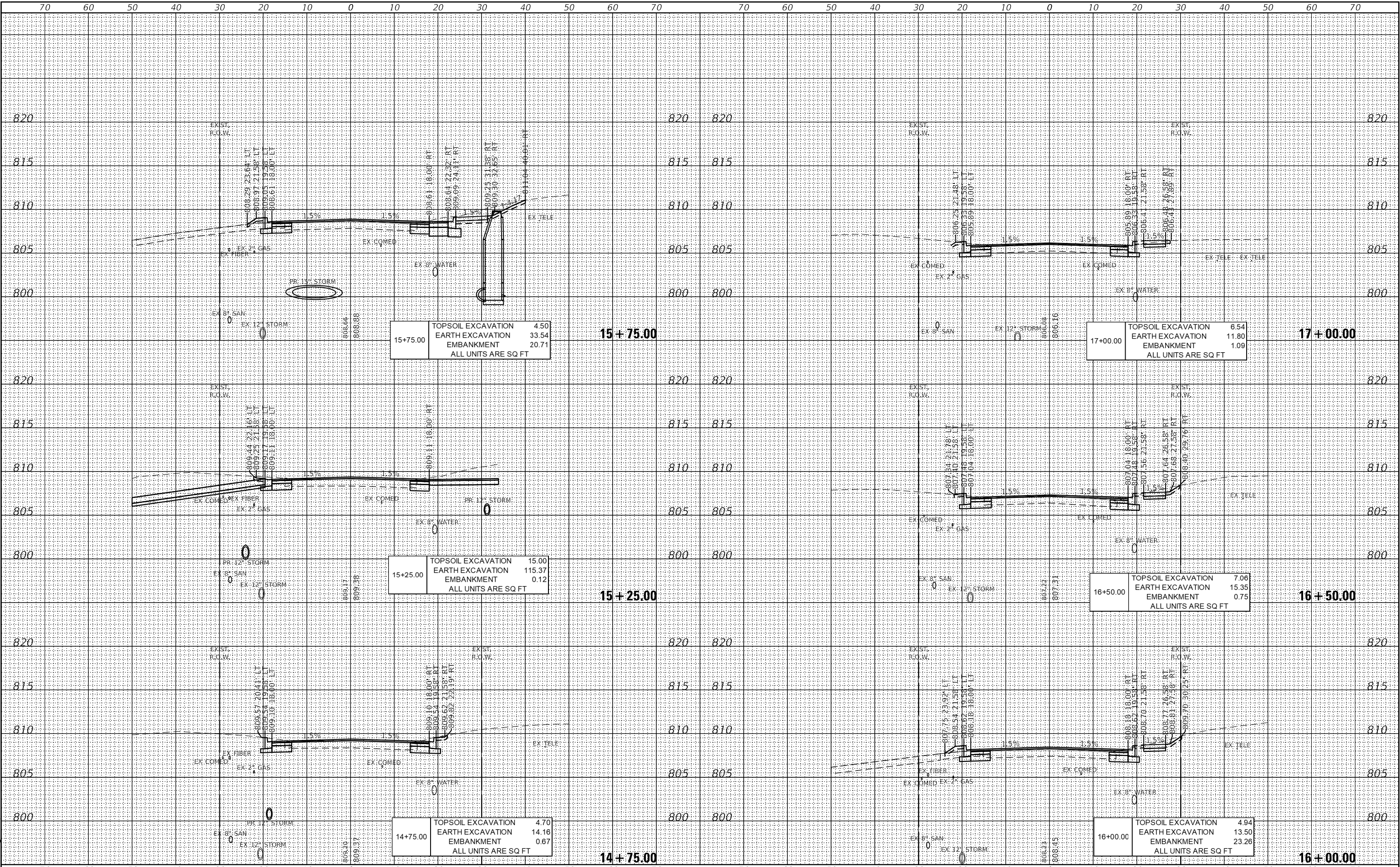
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	148
CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				



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

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

GH/ GEWALT HAMILTON
ASSOCIATES, INC.
MODEL XS_SHEET_temporary_model_name_3
FILE NAME: 4600-034-PCS Nicole.dgn
4600.054
XS_SHEET_temporary_model_name_3

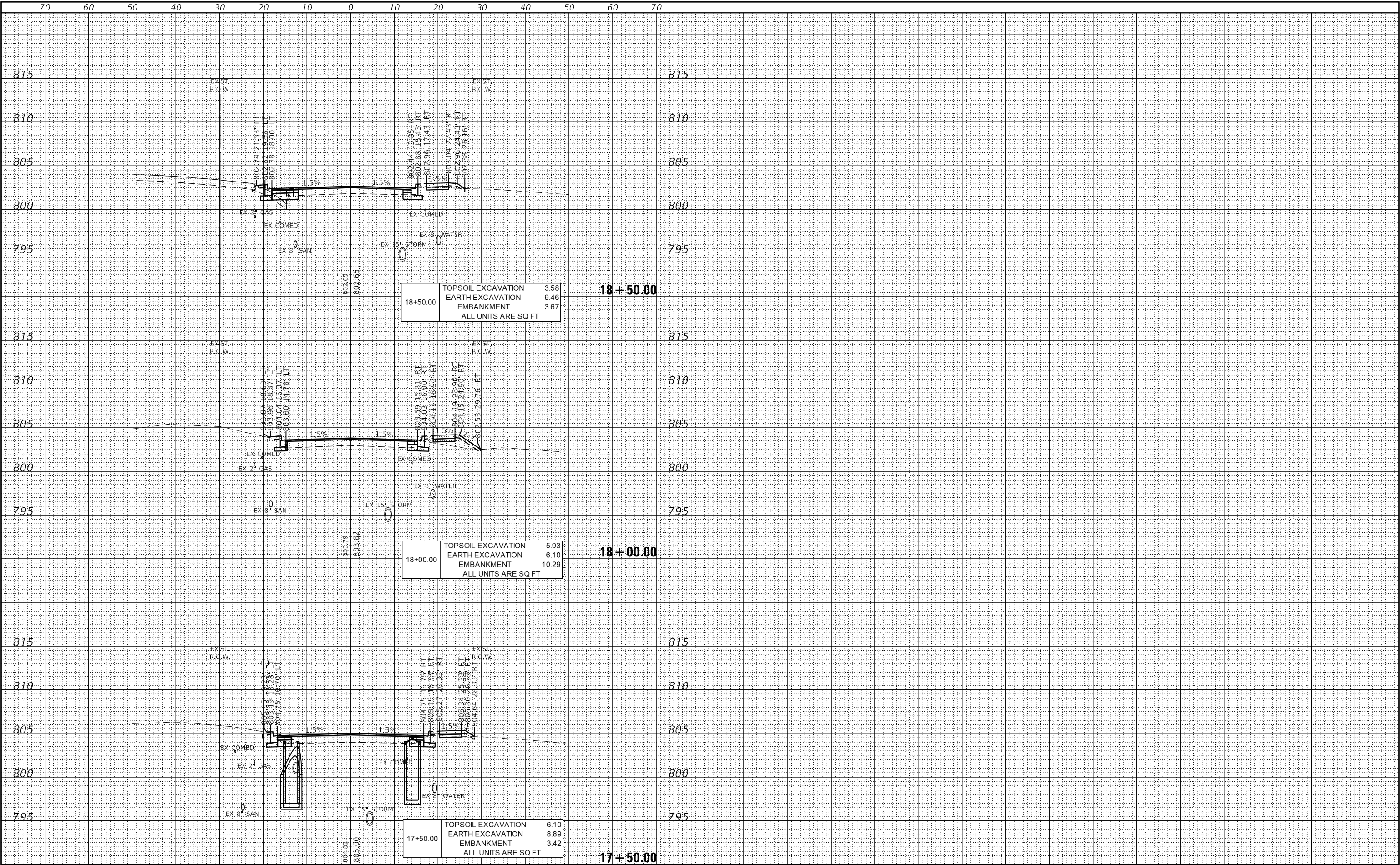


FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS NICOLE LANE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4600-034-sht-XS_Nicole.dgn		DRAWN - PJS	REVISED -									1061	17-00080-00-PV	LAKE	150	149
4600.054	PLOT SCALE = 1:20	CHECKED - MJV	REVISED -									CONTRACT NO. 61186				
XS_SHEET_temporary_model_name_3	PLOT DATE = 4/10/2025	DATE - 4/10/2025	REVISED -					SCALE: 1"=10'	SHEET 3	OF 4 SHEETS	STA. 14+75.00	TO STA. 17+00.00	ILLINOIS FED. AID PROJECT			

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

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

MODEL XS SHEET temporary_model_name_4
FILE NAME: 4600-034-PK15 Nicole.dgn
GHA GEWALT HAMILTON ASSOCIATES, INC.



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4600-034-sht-XS_Nicole.dgn		DRAWN - PJS	REVISED -
4600.054		CHECKED - MJV	REVISED -
XS_SHEET_temporary_model_name_4		DATE - 4/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NICOLE LANE

SCALE: 1"=10' SHEET 4 OF 4 SHEETS STA. 17+50.00 TO STA. 18+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1061	17-00080-00-PV	LAKE	150	150
CONTRACT NO. 61186				
ILLINOIS FED. AID PROJECT				