

INDEX OF SHEETS

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LIST OF IDOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-09	CLASS B PATCHES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERT 15" (375mm) THRU 84" (2100mm) DIA
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN - TYPE A
602301-04	INLET - TYPE A
602406-11	PRECAST MANHOLE, TYPE A, 6' (1.83m) DIAMETER
602426-03	PRECAST MANHOLE, TYPE A, 10' (3.05m) DIAMETER
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
877011-10	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'

IDOT DISTRICT 1 STANDARD DETAILS

BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER DETAILS
BD-34	DETAILS FOR DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL
BD-37	MANHOLE, TYPE A, 7 FOOT DIAMETER
BD-51	BENCHING DETAIL
TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

GENERAL NOTES

- ANY REFERENCE TO THE STANDARD SPECIFICATIONS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) STANDARD SPECIFICATIONS, ADOPTED APRIL 1, 2016, AND THE JANUARY 1, 2021 SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- DRAINAGE STRUCTURE ELEVATIONS: GRADES OF SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEYS. ACCORDINGLY, AS DIRECTED BY THE ENGINEER, THE INVERTS OF THE PROPOSED DRAINAGE WILL BE REVISED TO MEET EXISTING FIELD CONDITIONS.
- THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS.
- FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED.
- THE CONTRACTOR SHALL SALVAGE AND DELIVER ALL UNDAMAGED FRAMES AND LIDS/GRATES TO THE CITY PUBLIC WORKS FACILITY. THE ENGINEER SHALL COORDINATE A DELIVERY DATE AND TIME.
- THE APPROXIMATE LOCATION OF KNOWN UTILITIES ARE SHOWN ON THE PLANS. HOWEVER, THE CITY DOES NOT GUARANTEE ITS ACCURACY. PRIOR TO COMMENCING OPERATIONS ON THE PROJECT WHICH MAY IN ANY WAY CREATE THE POSSIBILITY OF INVOLVEMENT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE UTILITY INVOLVED. ADJUSTMENT OF ALL PUBLIC UTILITIES WITHIN THE LIMITS OF IMPROVEMENT WILL BE DONE BY THE RESPECTIVE OWNERS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR SHALL PROTECT TREES AS DIRECTED BY THE ENGINEER WITHIN AND ADJACENT TO THE CONSTRUCTION SITE DURING THE CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS. A QUANTITY 500 FEET OF TEMPORARY FENCE HAS BEEN INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY.
- ALL HMA PAVING SHALL FOLLOW DESIGNATED DRIVING LANES. NO LONGITUDINAL PAVING JOINT OR SEAMS ARE ALLOWED WITHIN THE DRIVING LANES. ALL LONGITUDINAL PAVING JOINTS OR SEAMS WILL BE BETWEEN THE DRIVING LANES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE RECONSTRUCTION LIMITS AT ALL TIMES. IF DRIVEWAY ACCESS MUST BE RESTRICTED, THE CONTRACTOR SHALL NOTIFY THE CITY AND OWNER IN WRITING 72 HOURS IN ADVANCE.
- TRENCH SPOIL SHALL BE LOADED DIRECTLY INTO TRUCKS AS IT IS EXCAVATED AND HAULED OFF SITE. PLACING EXCAVATED TRENCH SOIL ON THE PAVEMENT OR PARKWAY IS PROHIBITED.

GENERAL NOTES (CONT)

- HMA AND PCC DRIVEWAYS SHALL BE CONSTRUCTED WITH FLARES ACCORDING TO THE HIGHLAND PARK TYPICAL DRIVEWAY AND SIDEWALK DETAIL. BRICK PAVER DRIVES SHALL BE CONSTRUCTED TO MATCH EXISTING LAYOUT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

LAKE COUNTY SMC EROSION CONTROL NOTES

- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM: UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES. THE LAKE COUNTY STORMWATER MANAGEMENT COMMISSION INSPECTOR MUST BE NOTIFIED PRIOR TO THE START OF ANY DEWATERING ACTIVITIES.
- IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

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PLOT DATE = 10/15/2021	DATE - 9/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CLAVEY ROAD ROADWAY RECONSTRUCTION
INDEX, STANDARDS, AND GENERAL NOTES**

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	2
CONTRACT NO. 61G85				
ILLINOIS FED. AID PROJECT				

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SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	TOTAL	80% FED 20% CITY STU 003 URBAN	100% CITY 003 URBAN
		44200929	CLASS B PATCHES, TYPE I, 8 INCH	SQ YD	6	6	
		44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	72	72	
		44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	28	28	
		44201298	DOWEL BARS 1 1/4"	EACH	392	392	
		44213200	SAW CUTS	FOOT	588	588	
		44213204	TIE BARS 3/4"	EACH	446	446	
		52200700	PRECAST MODULAR RETAINING WALL	SQ FT	1,018	1,018	
		52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1,018	1,018	
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	3,194	3,194	
		550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	351	351	
		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	40	40	
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	397	397	
		550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	483	483	
		550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	556	556	
		550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	36	36	
		550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	129	129	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CLAVEY ROAD ROADWAY RECONSTRUCTION
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 4 OF 17 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	6
CONTRACT NO. 61G85			ILLINOIS FED. AID PROJECT	

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SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	TOTAL	80% FED 20% CITY STU 003 URBAN	100% CITY 003 URBAN
*		81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,115	1,115	
*	*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	109	109	
*	*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	462	462	
*		81300800	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"	EACH	1	1	
*	*	81400100	HANDHOLE	EACH	6	6	
*	*	81400200	HEAVY-DUTY HANDHOLE	EACH	2	2	
*	*	81603010	UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	270	270	
*	*	81400300	DOUBLE HANDHOLE	EACH	1	1	
*	*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,394	1,394	
*	*	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	375	375	
*	*	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4	4	
*		82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1	1	
*	*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	3	
*	*	85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	3	3	
*	*	85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	3	3	



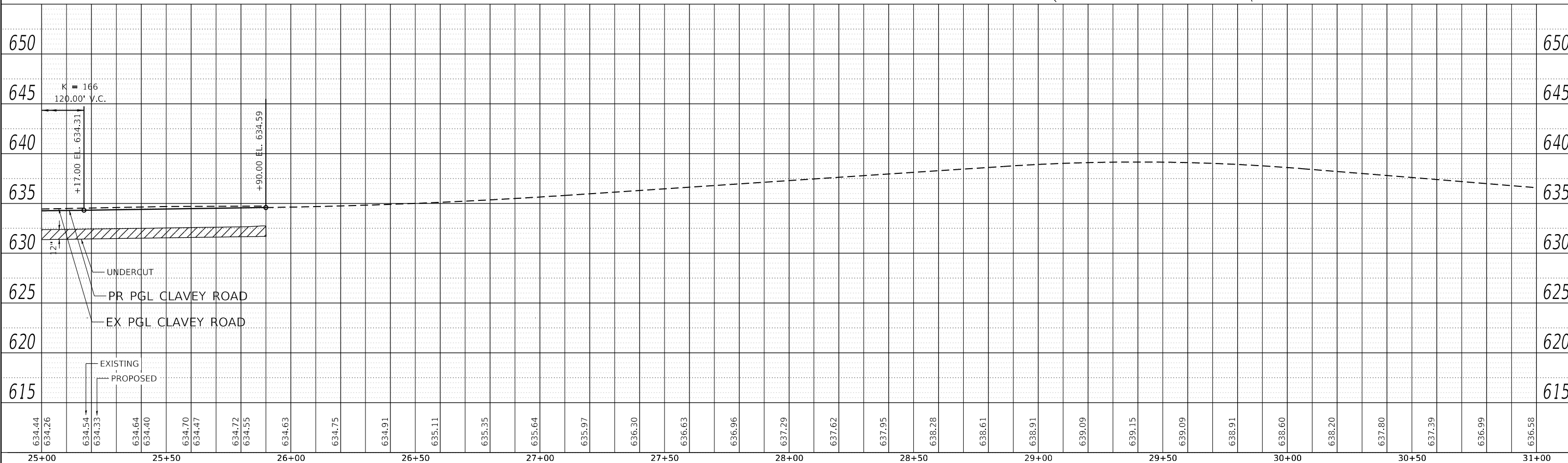
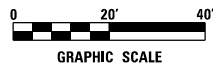
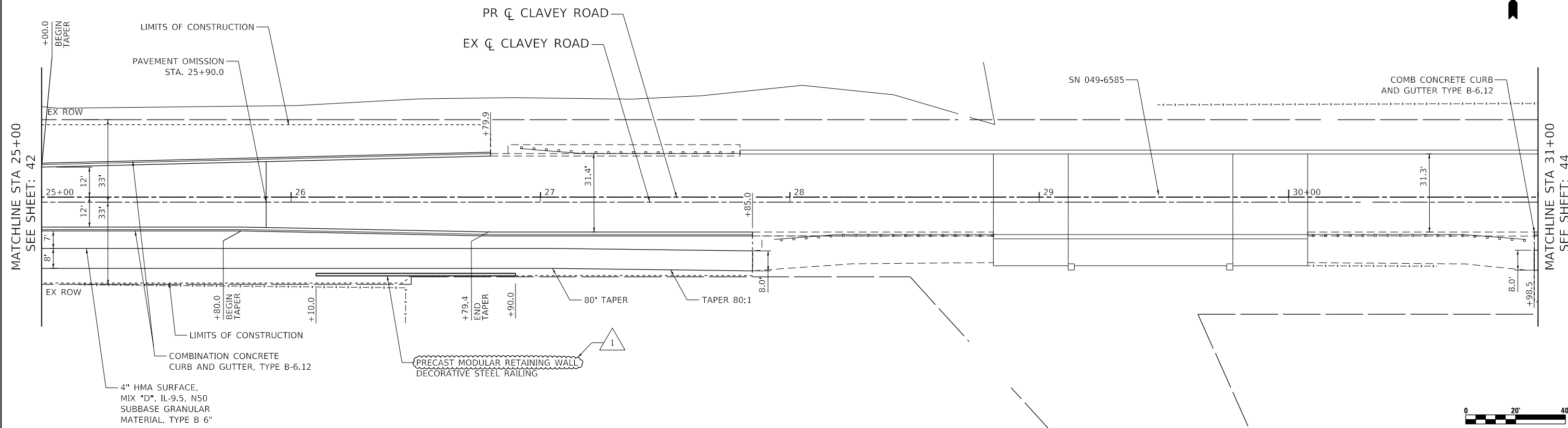
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CLAVEY ROAD ROADWAY RECONSTRUCTION
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 10 OF 17 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	12
CONTRACT NO. 61G85			ILLINOIS FED. AID PROJECT	



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25+00	25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00	30+50	31+00																							

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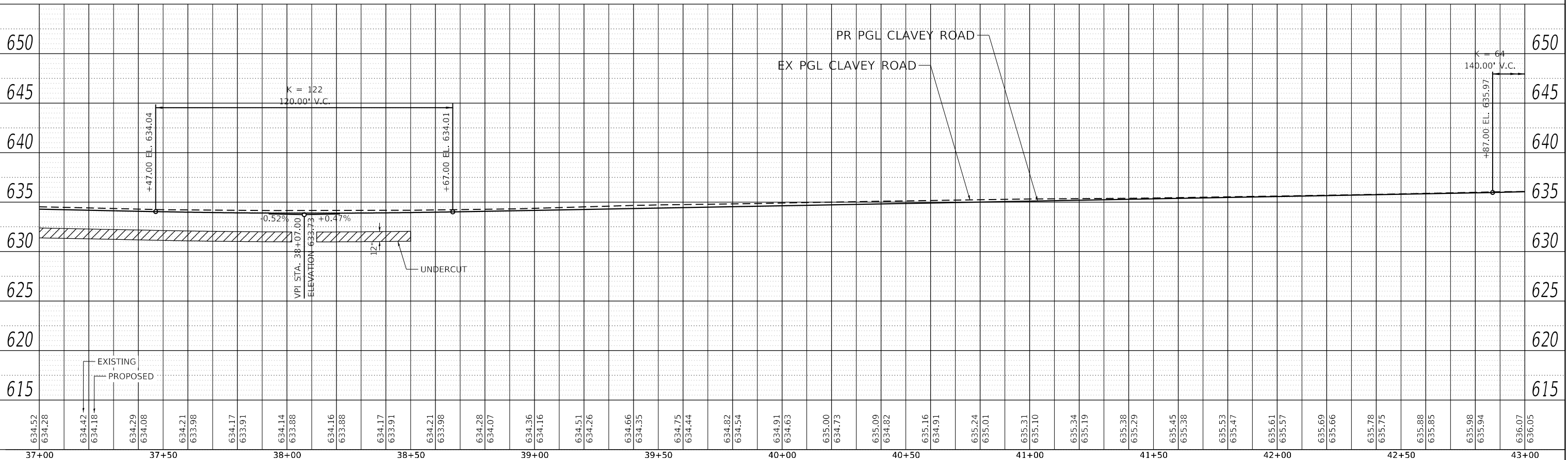
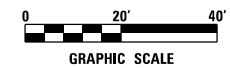
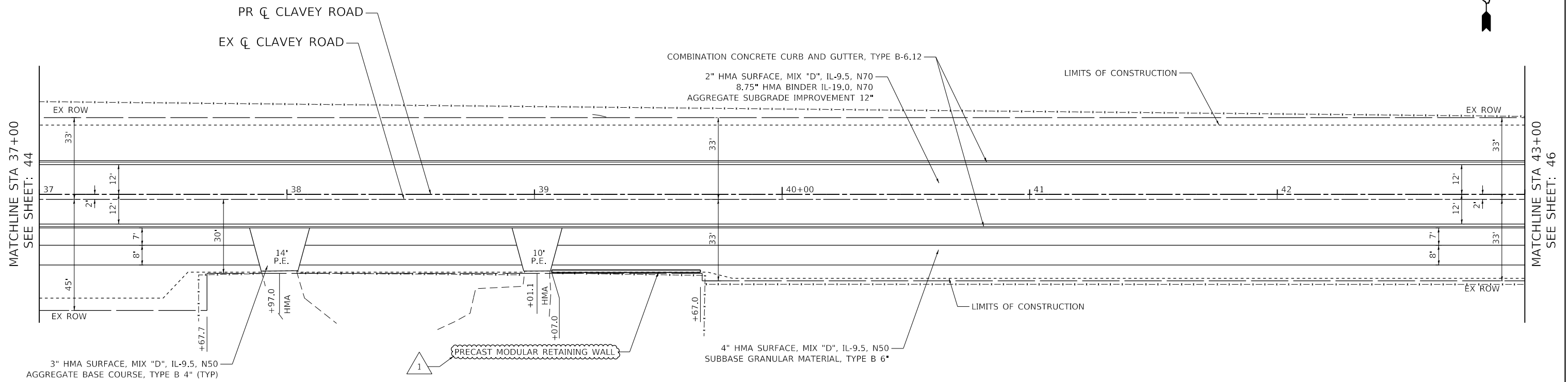
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
PROPOSED PLAN AND PROFILE

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	43
CONTRACT NO. 61C85			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 20' SHEET NO. 3 OF 12 SHEETS STA. 25+00 TO STA. 31+00



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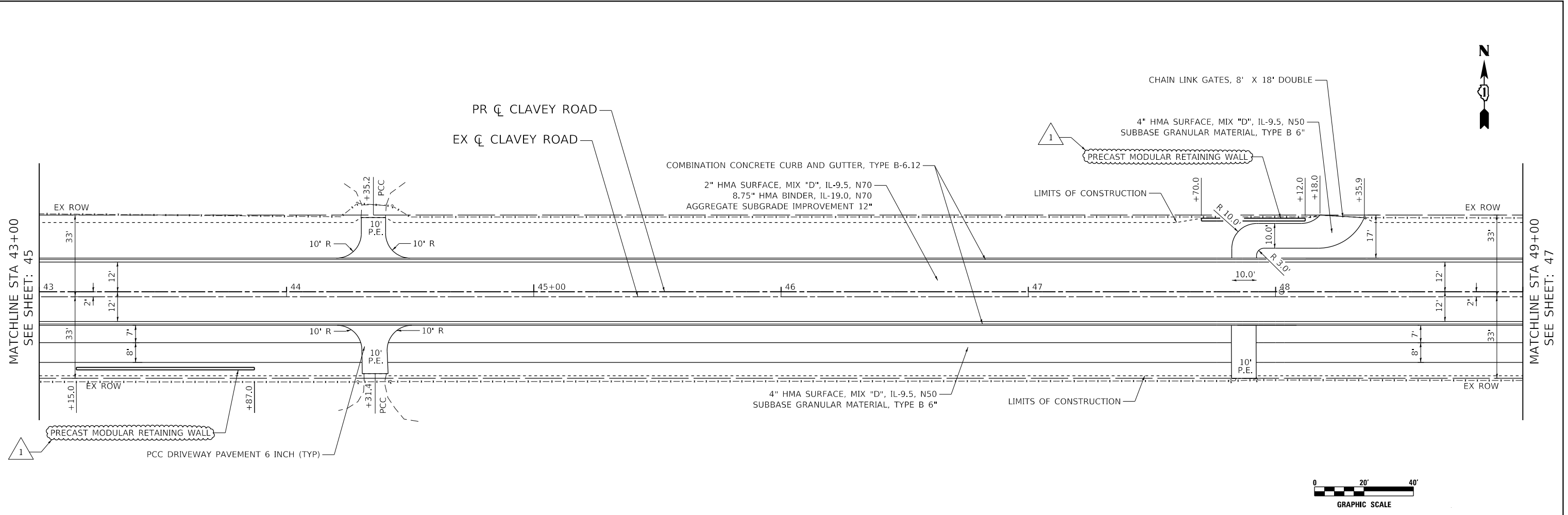
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	DATE - 9/1/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
PROPOSED PLAN AND PROFILE

SCALE: 1" = 20' SHEET NO. 5 OF 12 SHEETS STA. 37+00 TO STA. 43+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	45
CONTRACT NO. 61C85			ILLINOIS FED. AID PROJECT	



636.07	636.05	636.27	636.21	636.48	636.44	636.79	636.73	637.18	637.08	637.58	637.49	638.07	637.97	638.59	638.49	639.15	639.02	639.69	639.55	640.23	640.08	640.72	640.60	641.21	641.13	641.73	641.66	642.28	642.19	642.82	642.72	643.34	643.25	643.85	643.77	644.38	644.30	644.91	644.83	645.43	645.35	645.83	645.81	646.23	646.21	646.55	646.55	646.81	646.83	647.05	647.05	647.17	647.20	647.29	647.31	647.42	647.41	647.50	647.51	647.57	647.62																																																																																																																																																																				
43+00	43+00	43+05	43+05	43+10	43+10	43+15	43+15	43+20	43+20	43+25	43+25	43+30	43+30	43+35	43+35	43+40	43+40	43+45	43+45	43+50	43+50	43+55	43+55	44+00	44+00	44+05	44+05	44+10	44+10	44+15	44+15	44+20	44+20	44+25	44+25	44+30	44+30	44+35	44+35	44+40	44+40	44+45	44+45	44+50	44+50	44+55	44+55	44+60	44+60	44+65	44+65	44+70	44+70	44+75	44+75	44+80	44+80	44+85	44+85	44+90	44+90	44+95	44+95	45+00	45+00	45+05	45+05	45+10	45+10	45+15	45+15	45+20	45+20	45+25	45+25	45+30	45+30	45+35	45+35	45+40	45+40	45+45	45+45	45+50	45+50	45+55	45+55	45+60	45+60	45+65	45+65	45+70	45+70	45+75	45+75	45+80	45+80	45+85	45+85	45+90	45+90	45+95	45+95	46+00	46+00	46+05	46+05	46+10	46+10	46+15	46+15	46+20	46+20	46+25	46+25	46+30	46+30	46+35	46+35	46+40	46+40	46+45	46+45	46+50	46+50	46+55	46+55	46+60	46+60	46+65	46+65	46+70	46+70	46+75	46+75	46+80	46+80	46+85	46+85	46+90	46+90	46+95	46+95	47+00	47+00	47+05	47+05	47+10	47+10	47+15	47+15	47+20	47+20	47+25	47+25	47+30	47+30	47+35	47+35	47+40	47+40	47+45	47+45	47+50	47+50	47+55	47+55	47+60	47+60	47+65	47+65	47+70	47+70	47+75	47+75	47+80	47+80	47+85	47+85	47+90	47+90	47+95	47+95	48+00	48+00	48+05	48+05	48+10	48+10	48+15	48+15	48+20	48+20	48+25	48+25	48+30	48+30	48+35	48+35	48+40	48+40	48+45	48+45	48+50	48+50	48+55	48+55	48+60	48+60	48+65	48+65	48+70	48+70	48+75	48+75	48+80	48+80	48+85	48+85	48+90	48+90	48+95	48+95	49+00	49+00

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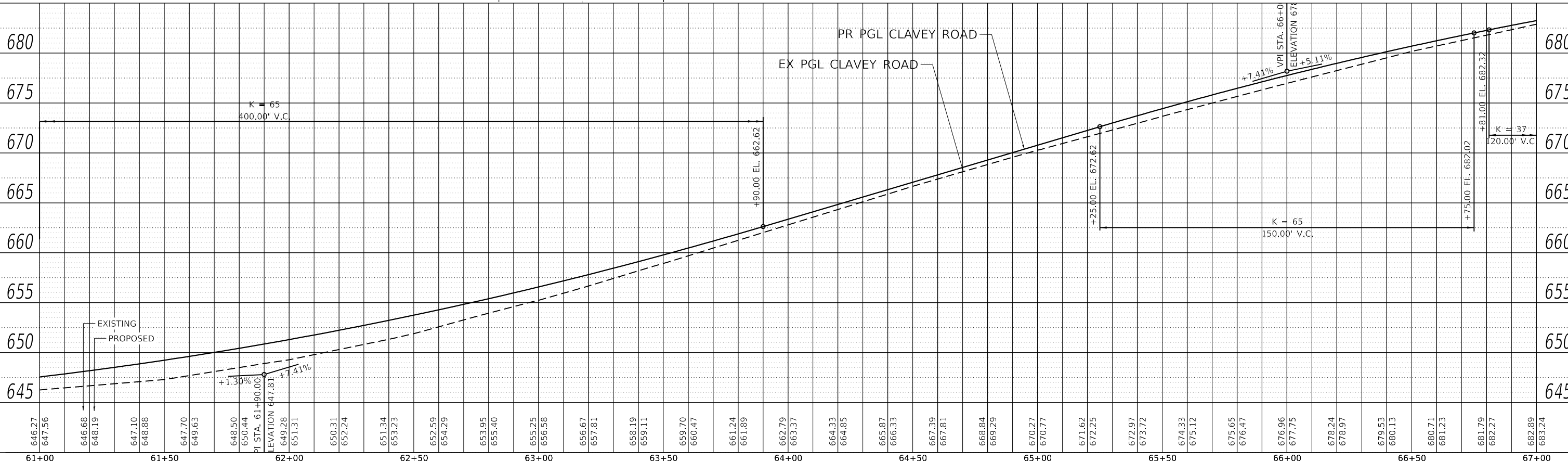
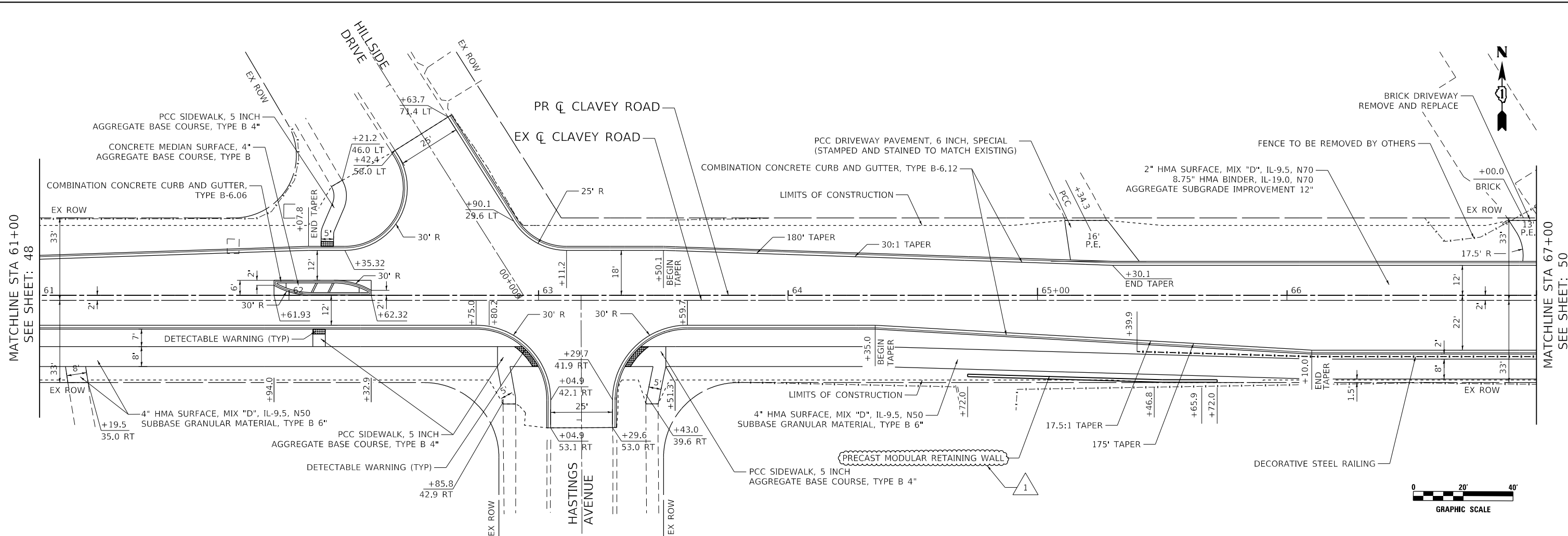
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PLOT DATE = 10/15/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CLAVEY ROAD ROADWAY RECONSTRUCTION
PROPOSED PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 6 OF 12 SHEETS STA. 43+00 TO STA. 49+00

FAU RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	46
CONTRACT NO. 61C85			ILLINOIS FED. AID PROJECT	



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	DATE = 9/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CLAVEY ROAD ROADWAY RECONSTRUCTION
PROPOSED PLAN AND PROFILE**

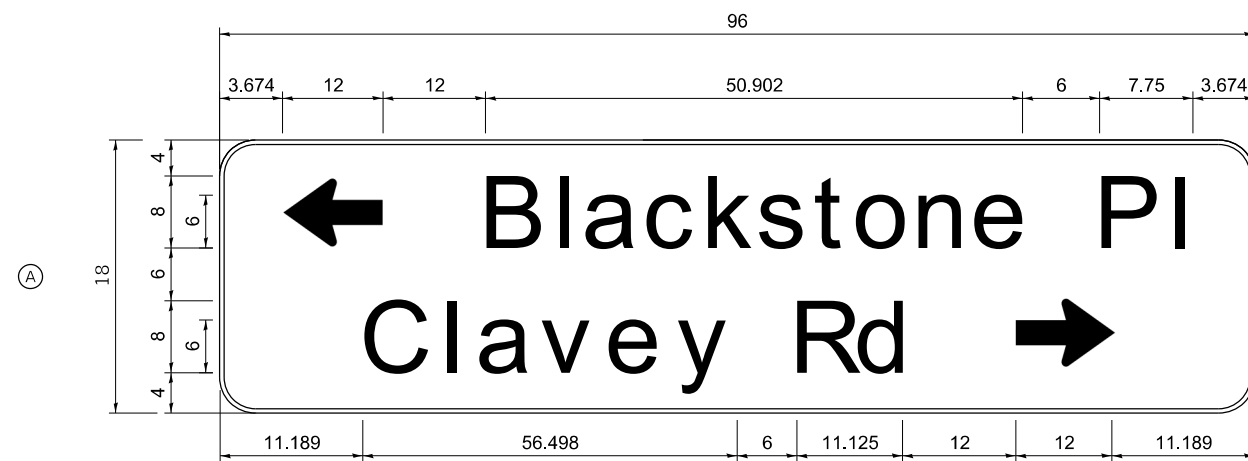
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	49
CONTRACT NO. 61C85			ILLINOIS FED. AID PROJECT	

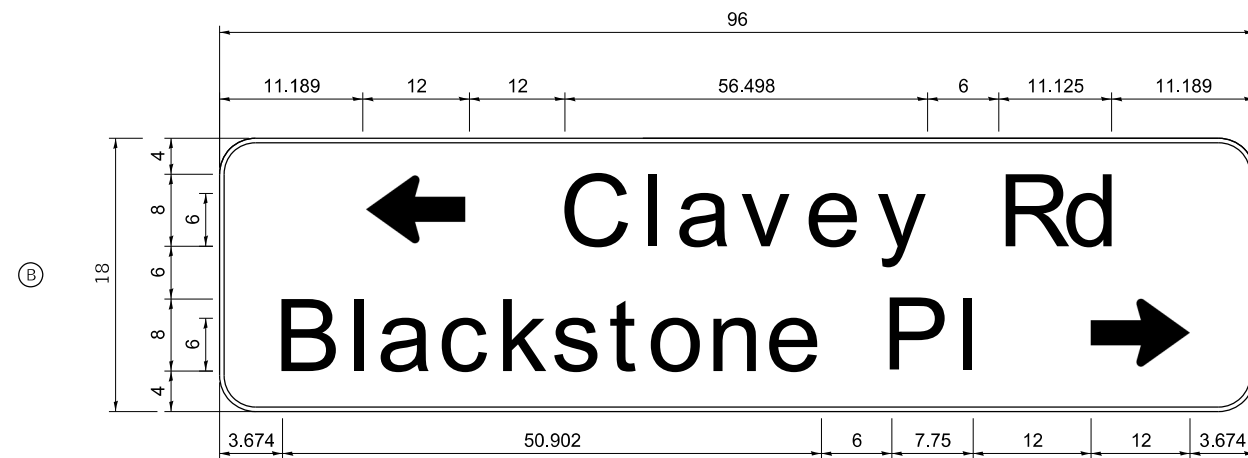
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
SIGN PANEL - TYPE 2	SQ FT	60
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	688
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	109
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	462
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,394
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
PAINT NEW TRAFFIC SIGNAL POST	EACH	3
PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	3
PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	747
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,070
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,406
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	978
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,418
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	55
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	640
TRAFFIC SIGNAL POST, 10 FT.	EACH	1
TRAFFIC SIGNAL POST, 14 FT.	EACH	1
TRAFFIC SIGNAL POST, 16 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	545
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	316
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	1
PAINT NEW MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 1-UNDER 40 FEET, 1-OVER 40 FEET	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 36 FT. AND 50 FT.	EACH	1

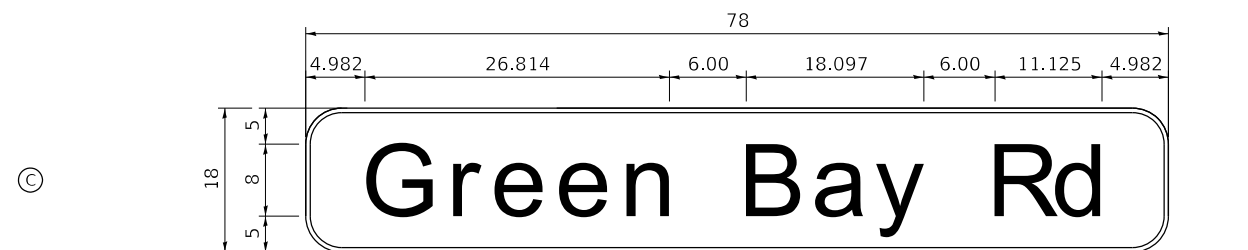
SIGN PANEL - TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	20.00	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	20.00	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

NOTE:

FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

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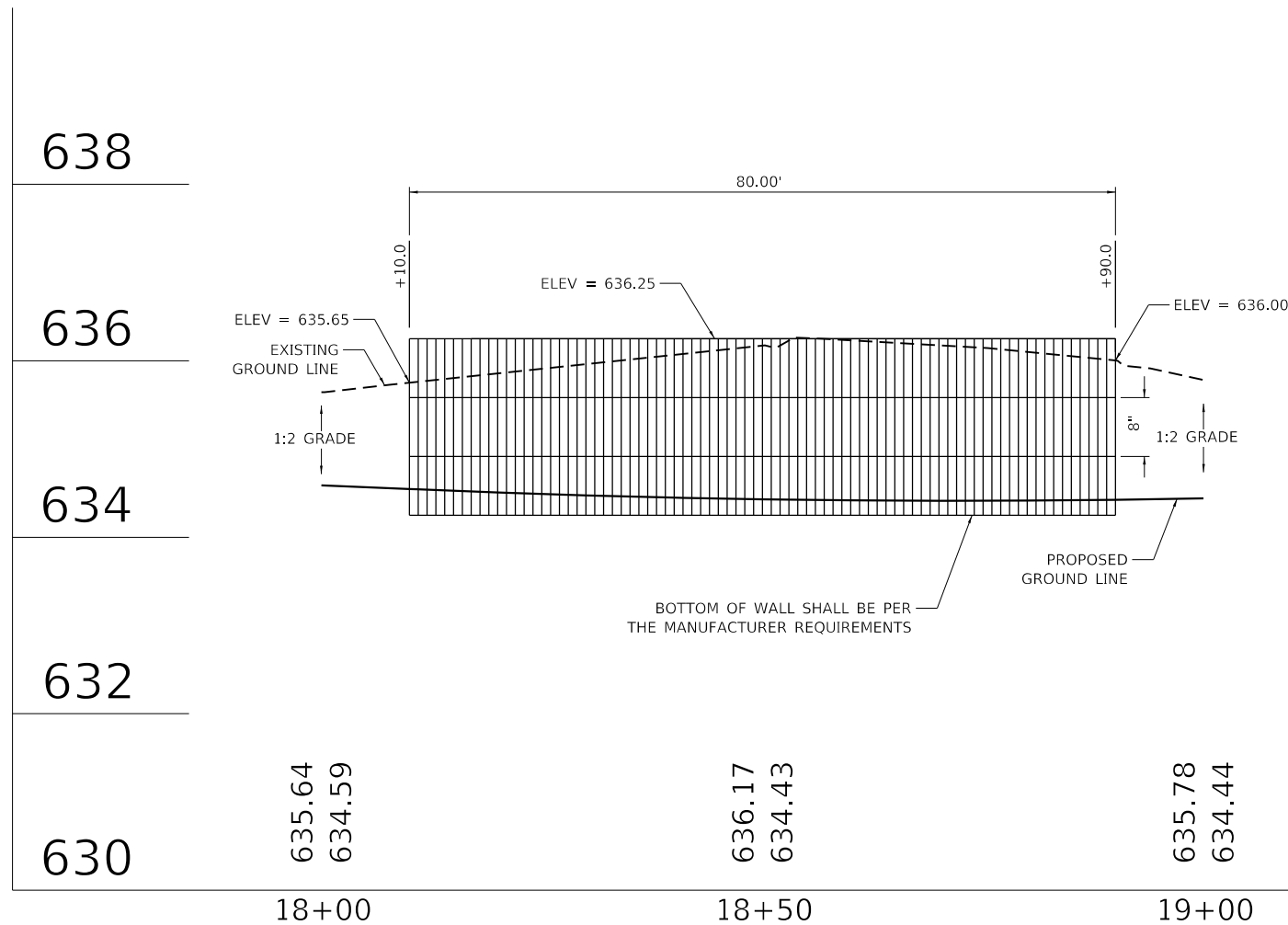
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	DRAWN - D. JOHNSON	REVISED -
PLOT SCALE = 40.0000' / 1"	CHECKED - J. VONDRA	REVISED -
PLOT DATE = 10/15/2021	DATE - 9/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

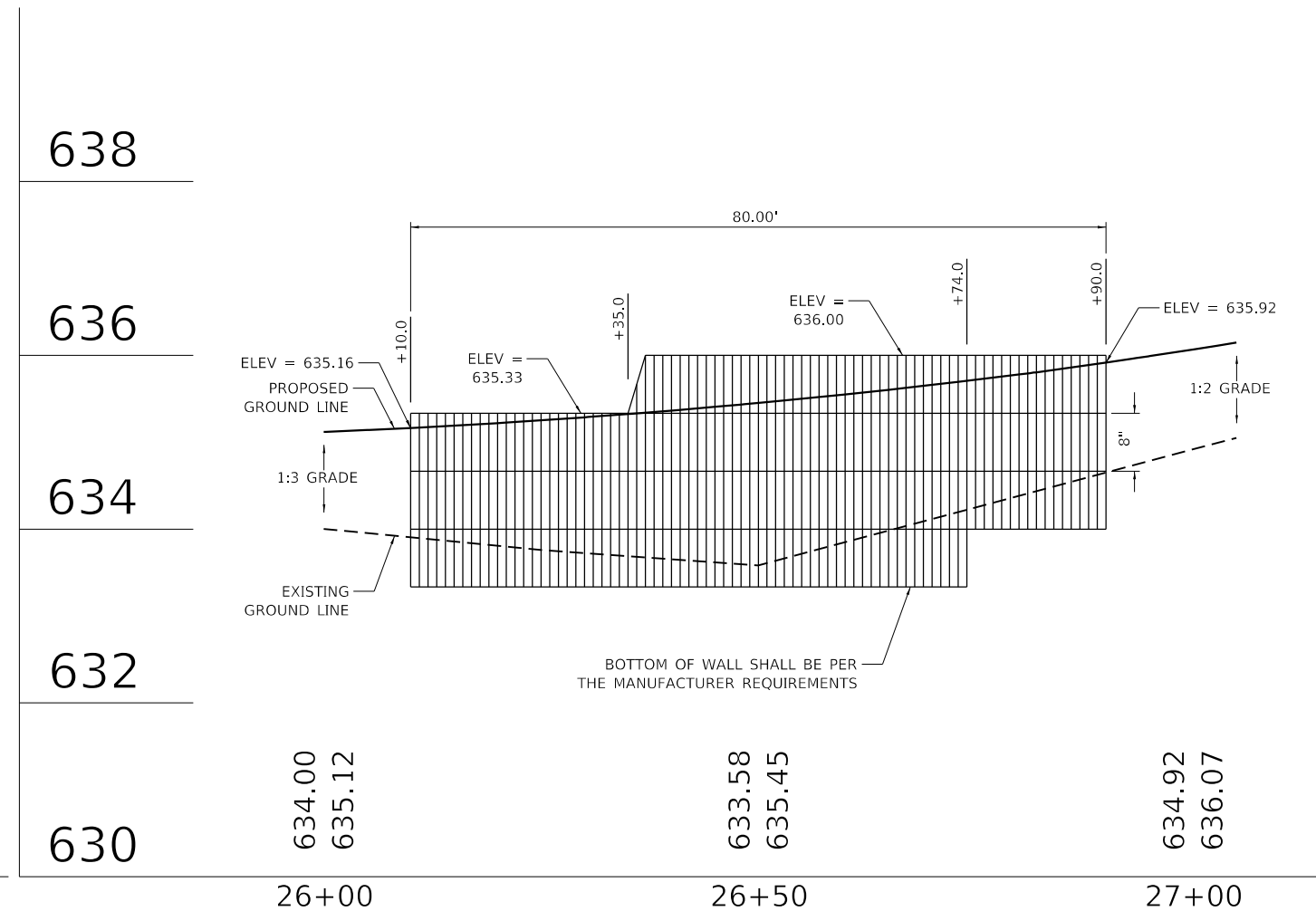
**CLAVEY ROAD ROADWAY RECONSTRUCTION
SCHEDULE OF QUANTITIES AND STREET NAME SIGNS
CLAVEY ROAD AND GREEN BAY ROAD**

FAU R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	161
CONTRACT NO. 61C85			ILLINOIS FED. AID PROJECT	

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.



PRECAST MODULAR RETAINING WALL DETAIL 1



PRECAST MODULAR RETAINING WALL DETAIL 2



NOTES:
BLOCK WALL ELEVATIONS ARE APPROXIMATE AND MAY VARY
DEPENDING ON MANUFACTURER. CONTRACTOR SHALL SUBMIT
SHOP DRAWINGS TO THE ENGINEER FOR REVIEW.

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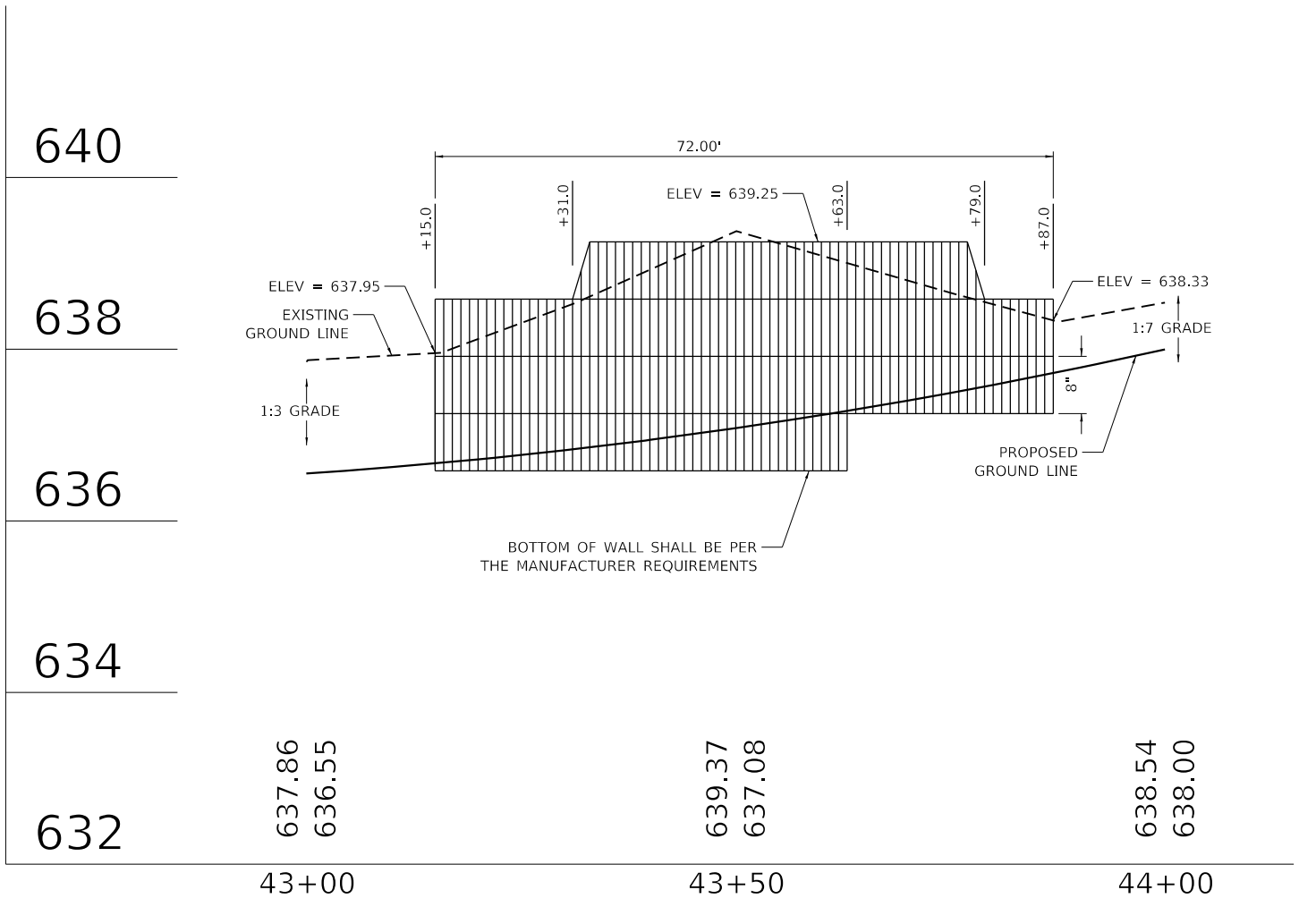
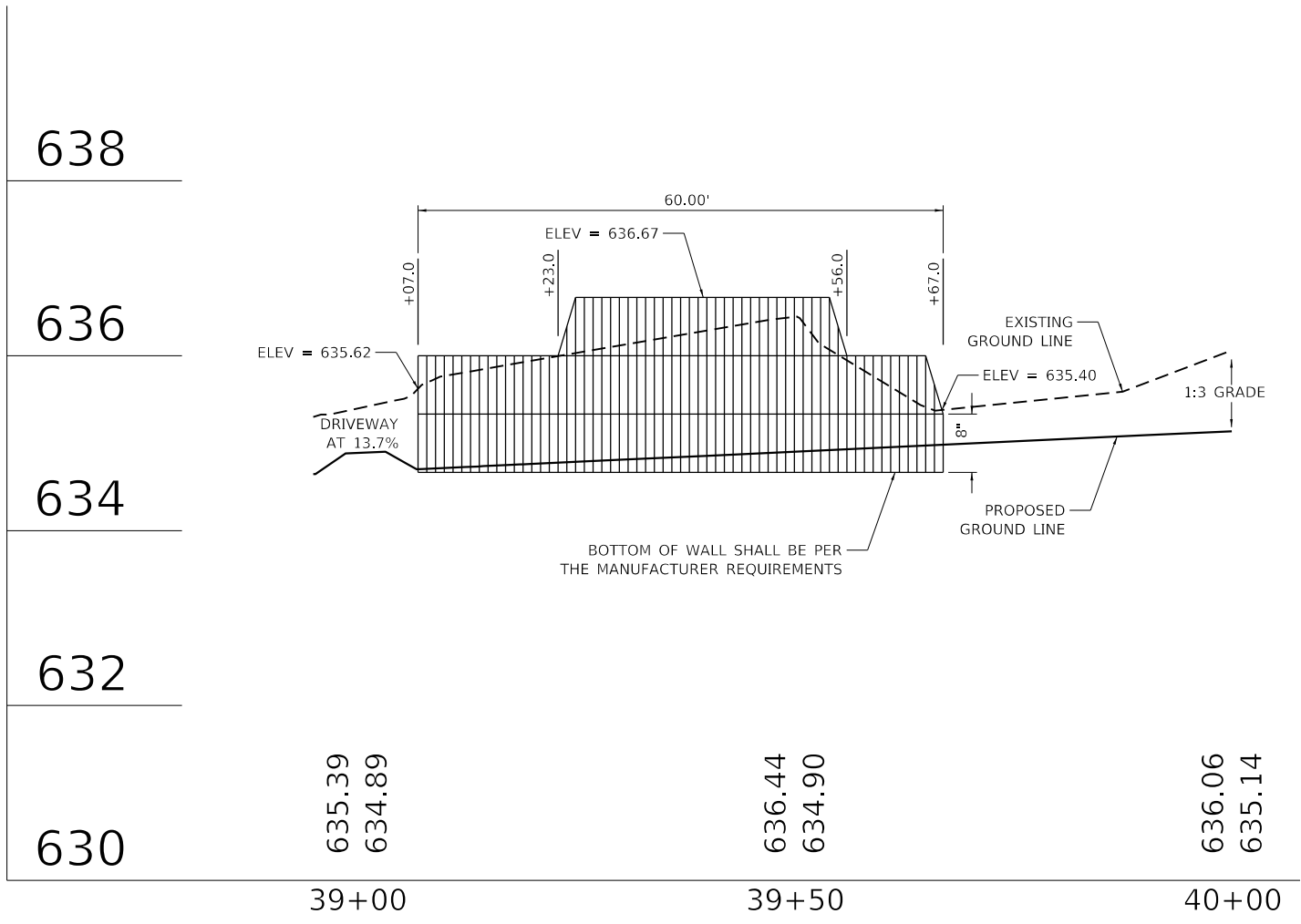
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PLOT DATE = 10/15/2021	DATE - 9/1/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
PRECAST MODULAR RETAINING WALL DETAIL 1 & 2
 SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	193
CONTRACT NO. 61G85				

ILLINOIS FED. AID PROJECT



PRECAST MODULAR RETAINING WALL DETAIL 3

PRECAST MODULAR RETAINING WALL DETAIL 4

NOTES:
 BLOCK WALL ELEVATIONS ARE APPROXIMATE AND MAY VARY DEPENDING ON MANUFACTURER. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW.

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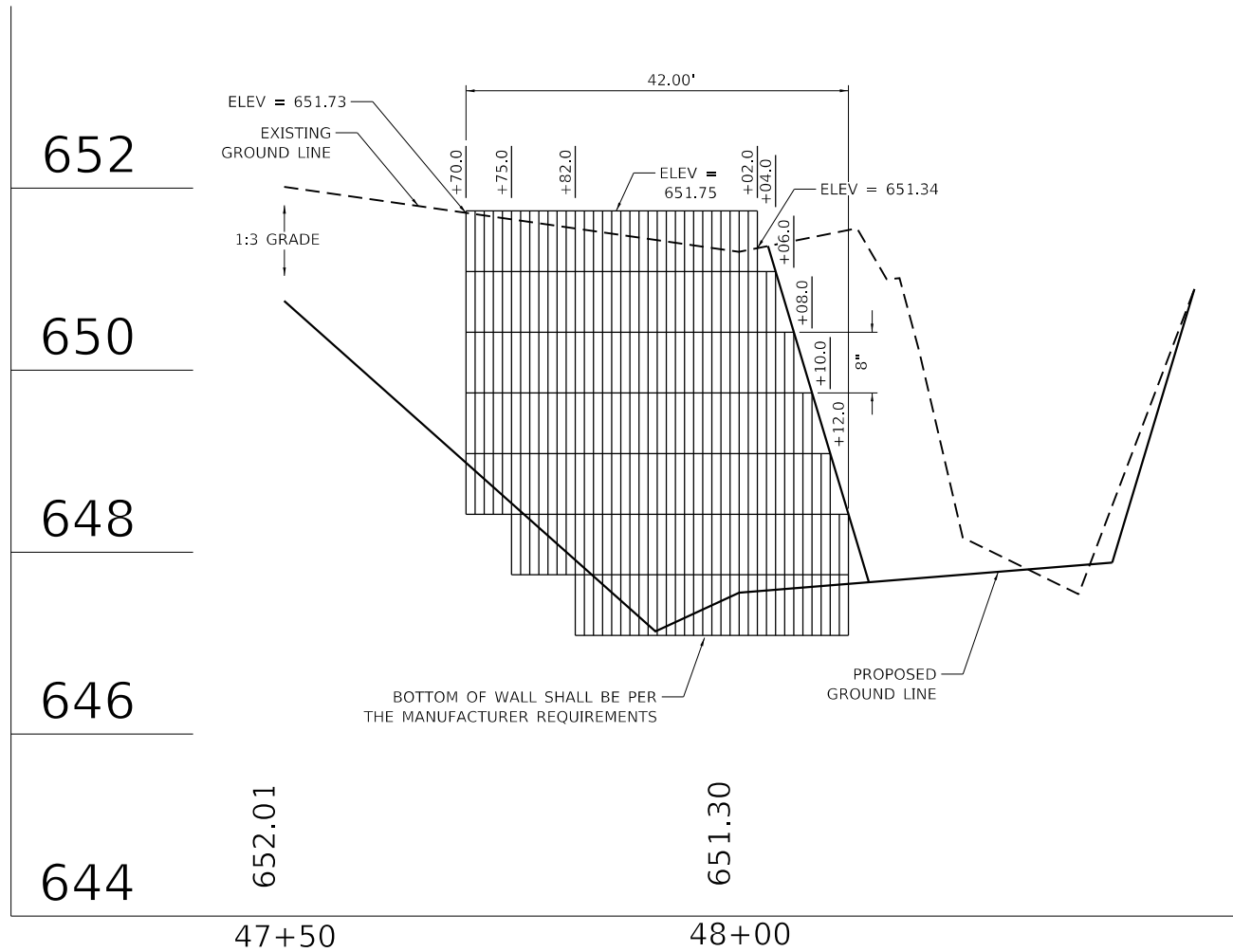
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PLOT DATE = 10/15/2021	DATE - 9/1/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
 PRECAST MODULAR RETAINING WALL DETAIL 3 & 4
 SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

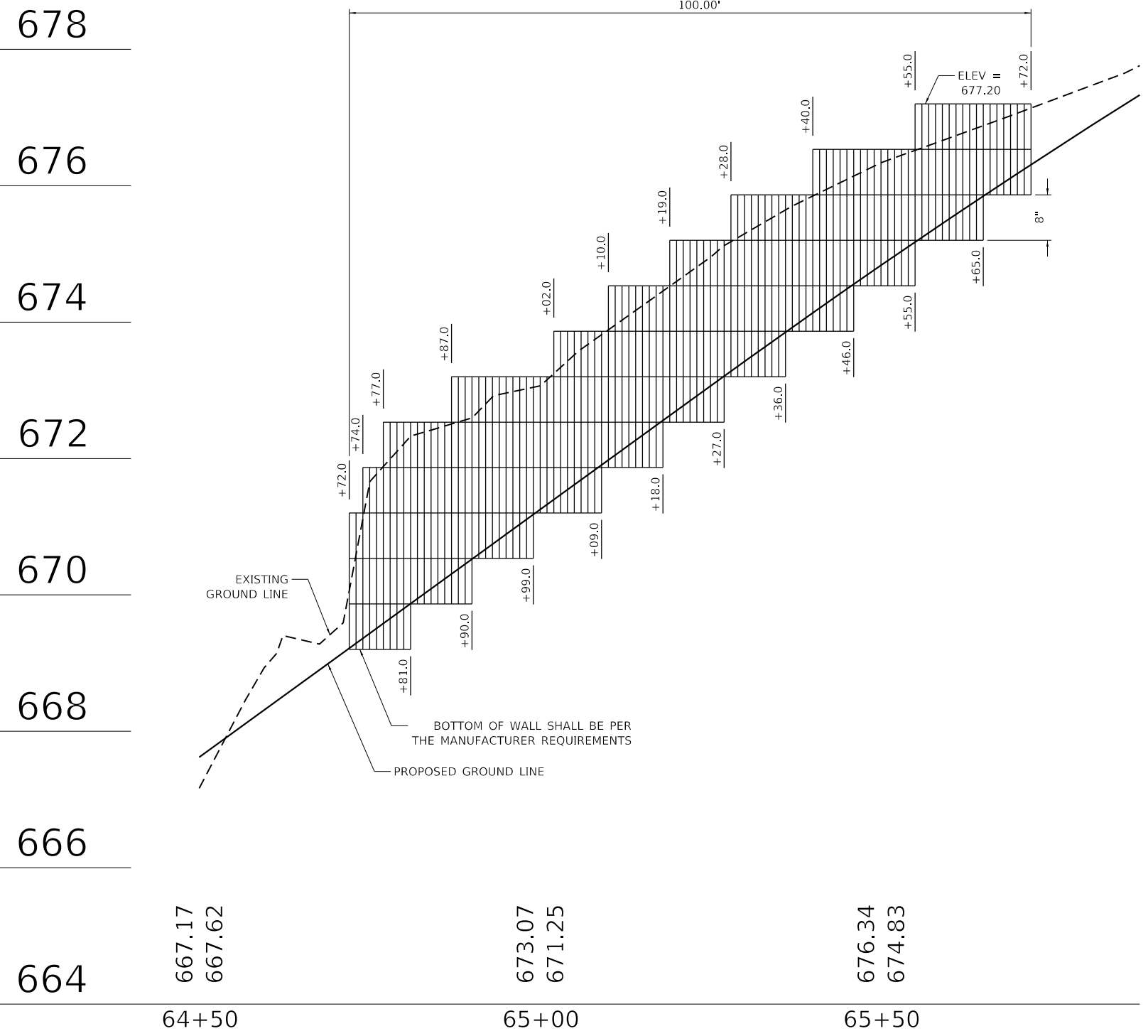
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	194
CONTRACT NO. 61G85				

ILLINOIS FED. AID PROJECT



PRECAST MODULAR RETAINING WALL DETAIL 5

NOTES:
 BLOCK WALL ELEVATIONS ARE APPROXIMATE AND MAY VARY
 DEPENDING ON MANUFACTURER. CONTRACTOR SHALL SUBMIT
 SHOP DRAWINGS TO THE ENGINEER FOR REVIEW.



PRECAST MODULAR RETAINING WALL DETAIL 6

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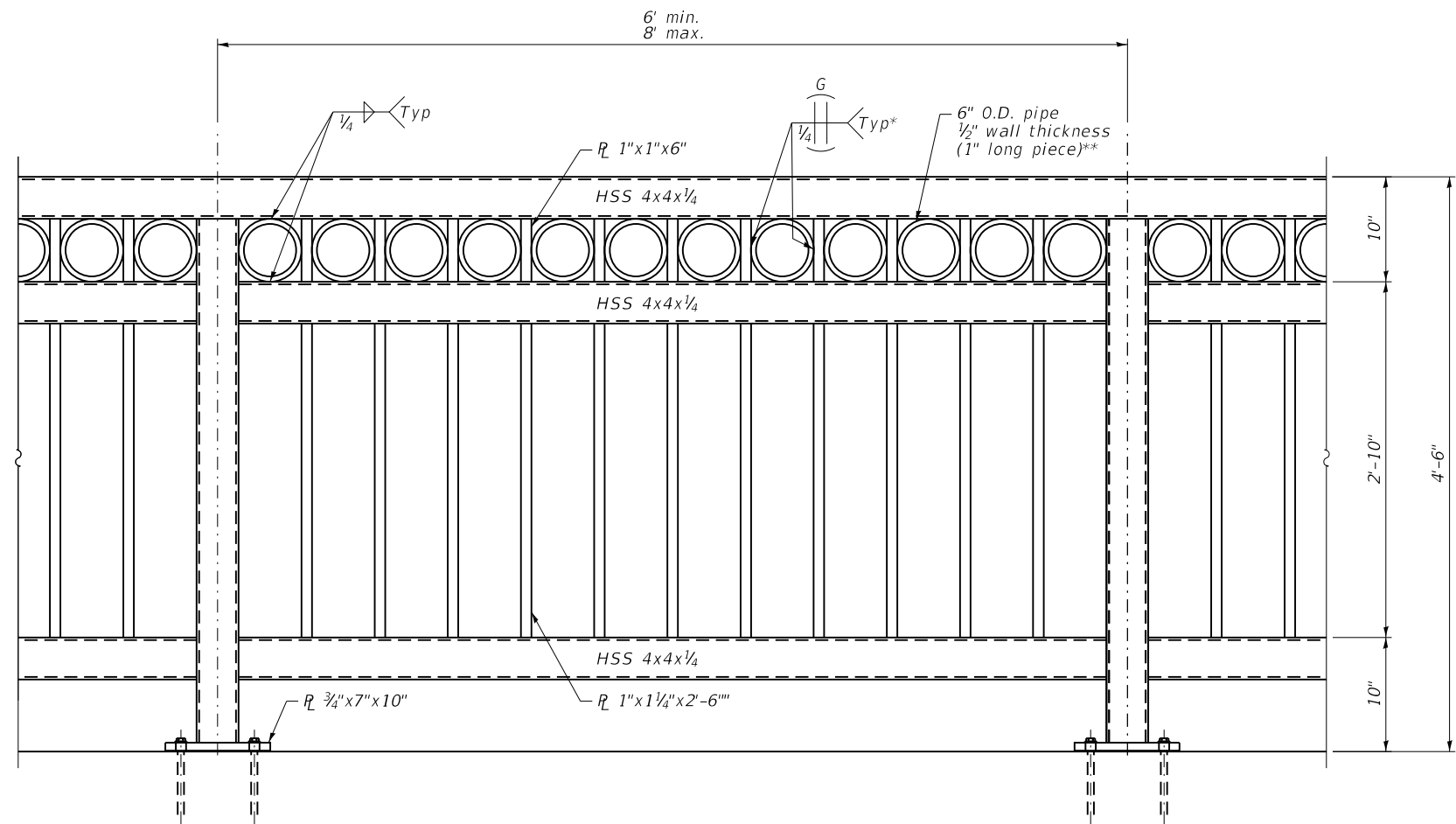


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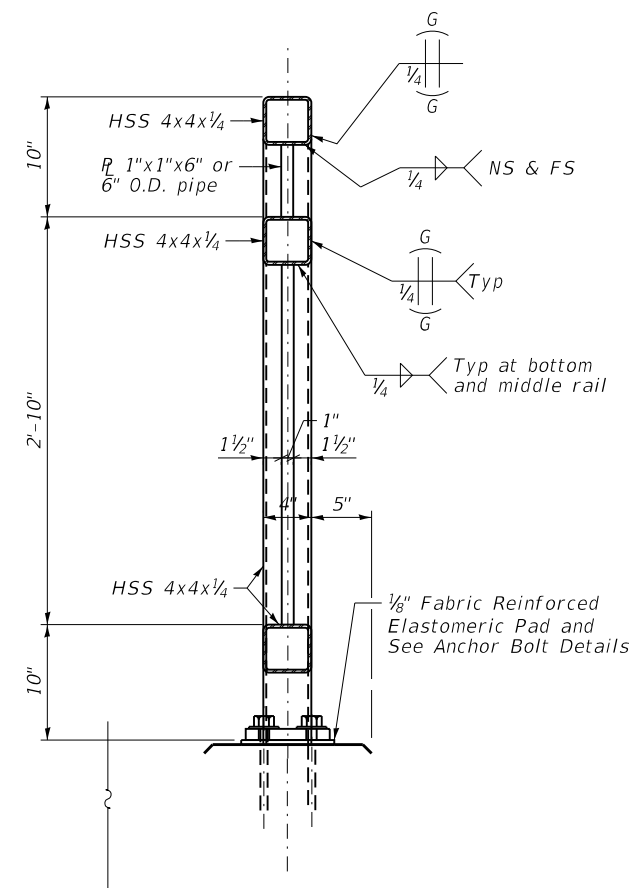
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
 PRECAST MODULAR RETAINING WALL DETAIL 5 & 6
 SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

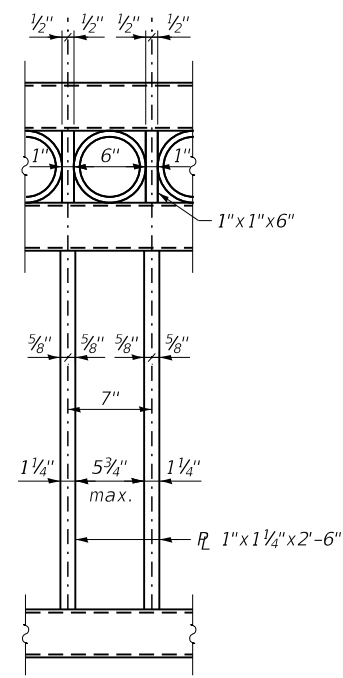
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	195
CONTRACT NO. 61G85			ILLINOIS FED. AID PROJECT	



PARTIAL ELEVATION OF DECORATIVE STEEL RAILING



SECTION THRU DECORATIVE STEEL RAILING



TYPICAL RAILING DETAIL

*Penetration between pipe segments and bar is approximate. Avoid leaving significant well debris as pipe diverges. Grind flush on sidewalk side.
**Pipe segments shall have all corners ground to remove burrs or sharp projections.

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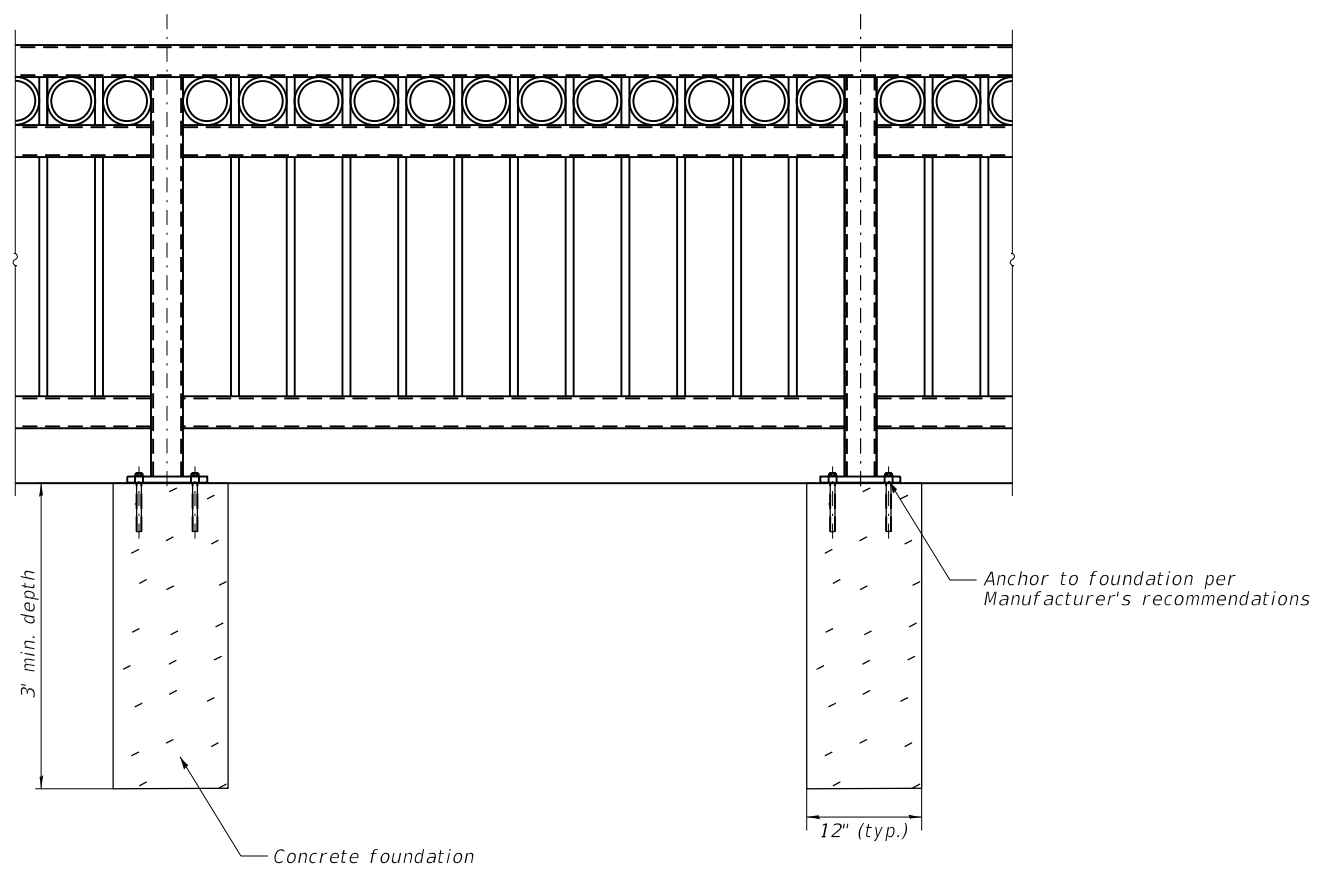
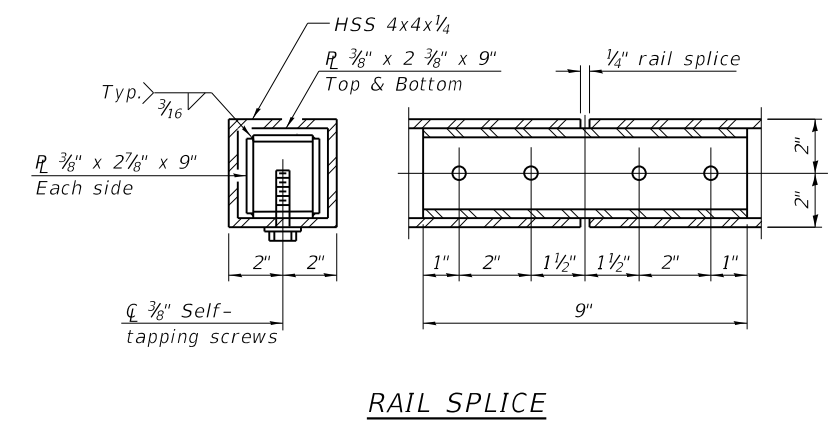
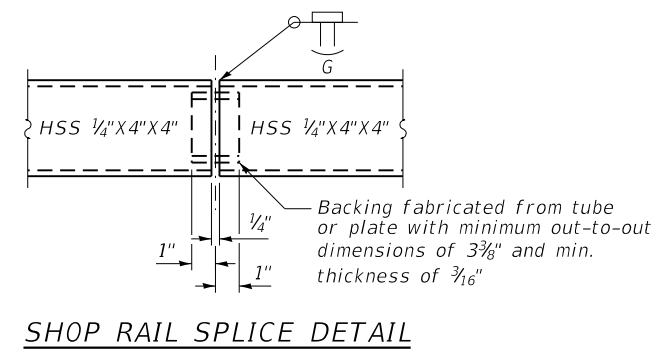
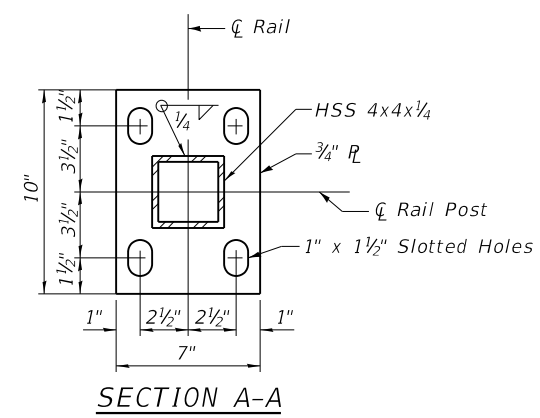
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PLOT DATE = 10/15/2021	DATE - 9/1/2021	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
DECORATIVE STEEL RAILING DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	195A
CONTRACT NO.			61G85	
ILLINOIS FED. AID PROJECT				



Notes:
 Railing shall be according to Section 509 of the Standards Specifications, except as noted.
 Hollow structural steel tubing shall conform to the requirements of ASTM designation A 500, Grade B structural steel tubing.
 All other structural steel shapes and plates shall conform to the requirements of AASHTO M270 Grade 36.
 Railings shall be fabricated in lengths that include 3 or 4 posts.
 Post base plates shall be flat with all surfaces smooth and free from warp and all edges smooth, straight and vertical. All plate cuts shall be machine or machine flame cut.
 If drilling and epoxy grouting anchor rods in lieu of cast-in anchor assemblies the CONTRACTOR shall use the capsule of adhesive cartridge and anchor rods approved by the Department. The CONTRACTOR shall install these according to the MANUFACTURER's recommendations and procedures. The CONTRACTOR shall remove excess epoxy from exposed surfaces.
 For cleaning, painting and color of decorative steel railing see Special Provisions for Decorative Steel Railing

DECORATIVE STEEL RAILING FOUNDATION DETAIL

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DRAWN - ES	REVISIONS -	
PLOT SCALE = 10.0000' / 1"	CHECKED - DLD	REVISIONS -
PLOT DATE = 10/15/2021	DATE - 9/1/2021	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAVEY ROAD ROADWAY RECONSTRUCTION
DECORATIVE STEEL RAILING DETAILS

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1265	15-00125-00-PV	LAKE	293	195B
CONTRACT NO. 61G85				

ILLINOIS FED. AID PROJECT