

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	1
		ILLINOIS	CONTRACT NO. 62R40	

D-91-131-22

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE CITY OF DARIEN.

TRAFFIC DATA

FUNCTIONAL CLASSIFICATION: MINOR COLLECTOR
2012 AADT = 5700
% TRUCKS = 1.1%
POSTED SPEED = 35 MPH (25 MPH ADVISORY)
DESIGN SPEED = 35 MPH (25 MPH ADVISORY)

MEADE ELETRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPEMENT AND UNDERGROUND CABLES. CONTACT AT 773-287-7672.

**PROPOSED
HIGHWAY PLANS**

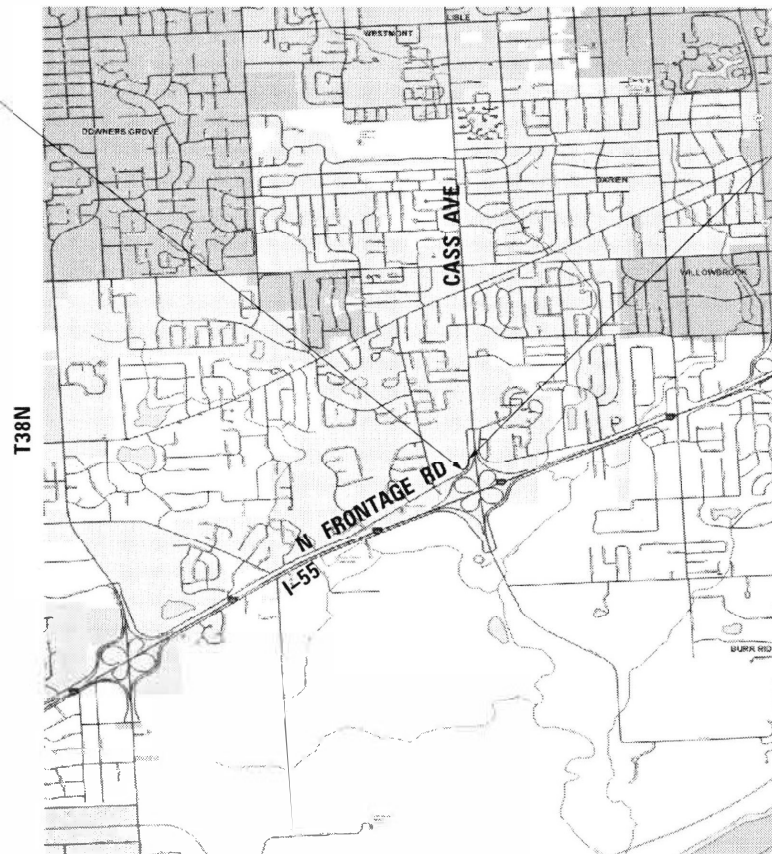
FAI ROUTE 55 NORTH FRONTAGE ROAD
AT CASS AVENUE
SECTION FR 55 2021 RS
PROJECT STP-R5ZA(715)
CURVE CORRECTION
DUPAGE COUNTY

C-91-163-22
R11E



BEGIN PROJECT
STA 0 + 00.00

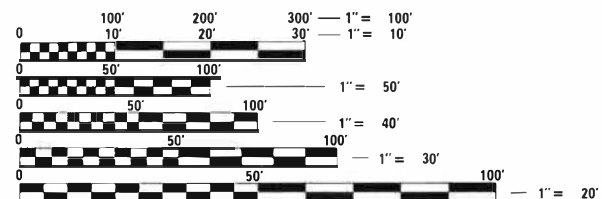
END PROJECT
STA 8 + 02.40



DOWNERS GROVE TOWNSHIP

GROSS LENGTH = 802.40 FT. = 0.152 MILE
NET LENGTH = 802.40 FT. = 0.152 MILE

LOCATION MAP
NOT TO SCALE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: DAN WILGREEN, P.E. (847)705-4240
PROJECT MANAGER: FAWAD AQUEEL, P.E.

CONTRACT NO. 62R40



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 10 20 23
Jose Rino Lara REGIONAL ENGINEER
December 8, 2023
Steph A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
December 8, 2023
Steph M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
604036-03	GRATE TYPE 8
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635001-02	DELINEATORS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
664001-02	CHAIN LINK FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701901-09	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
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. 48-HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, DOWNERS GROVE TOWNSHIP, CITY OF DARIEN, AND DUPAGE COUNTY.
- THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK THE CONTRACTOR SHALL RETAIN AND RECORD, FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIALS TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT www.idotcs.com TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORK WEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS. (WHEN CLOSING THE RAMP)

GENERAL NOTES CONTINUED

- THE CONTRACTOR SHALL CONTACT THE IDOT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR DISTRICT ONE CARLOS MUNOZ AT CARLOS.MUNOZ@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK OR ANY STAGE CHANGE.
- THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS, AREA TRAFFIC FIELD ENGINEER, AT ERIC.CAMPOS@ILLINOIS.GOV A MINIMUM OF 2 WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE REMOVAL LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY-LOADED TANDEM-AXLE TRUCK.
- 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 UNSUITABLE. 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 STANDARD SPECIFICATIONS 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 EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR'S EXPENSE.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ALL EXISTING ROW SHOWN IS APPROXIMATE AND MAY NEED TO BE VERIFIED IN THE FIELD. ANY ROW CONFLICTS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL USE CARE IN GRADING AND EXCAVATING NEAR ANY OR ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
- IDOT DOES NOT LOCATE ITS FACILITIES UNDER JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING; FIBER OPTIC CABLES; INTELLIGENT TRANSPORTATION SYSTEM EQUIPMENT; PUMP STATION POWER AND DATA FEEDS AS WELL AS TRAFFIC SIGNAL EQUIPMENT IS LOCATED THROUGH THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACT. MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES. CONTACT AT 773-287-7672.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, HOSPITALS, IDOT'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION, AND OTHER AGENCIES AFFECTED BY THE ROAD/RAMP CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE ROAD/RAMP CLOSURE WILL BE IN PLACE.
- THE ENGINEER SHALL CONTACT CASS SCHOOL DISTRICT 63 AT 331-481-4000 TO NOTIFY THE DATES I-55 NORTH FRONTAGE ROAD CLOSURE WILL BE IN PLACE IMMEDIATELY AFTER DATES ARE DETERMINED.
- TREES (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED BETWEEN APRIL 1ST AND OCTOBER 31ST.
- FURNISHING, INSTALLING, AND RELOCATING TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. PLACEMENT SHALL BE AS INDICATED BY THE PLANS.

COMMITMENTS

NONE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX, STANDARDS, GENERAL NOTES, & COMMITMENTS
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	2
CONTRACT NO. 62R40				
ILLINOIS		FED. AID PROJECT		

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. DIRECT OR INDIRECT PUMPING OF SEDIMENT-LADEN WATER INTO A STORMWATER FACILITY WITHOUT FILTRATION IS PROHIBITED.
2. RUNOFF FROM EXCAVATED AREAS SHALL LEAVE THE SITE THROUGH SEDIMENT CONTROL DEVICES SHOWN IN IDOT STD. 280001, AND/OR NRCS DETAILS FROM THE MOST RECENT VERSION OF THE ILLINOIS URBAN MANUAL.
3. THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SILT FENCE. THIS IS TO BE PAID FOR AS PERIMETER EROSION BARRIER.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE CHECKED WEEKLY AND AFTER EACH RAINFALL 0.5 INCHES OR GREATER IN A 24-HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SNOWMELT.
5. TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
6. ALL WASTE GENERATED AS A RESULT OF THE PROJECT INCLUDING DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, SANITARY WASTE, OR ANY OTHER WASTE SHALL BE PROPERLY DISPOSED OF AND BE PREVENTED FROM BEING CARRIED OFF THE SITE BY EITHER WIND OR WATER.
7. ALL EXPOSED IDLE EARTH, INCLUDING EARTH STOCKPILES, WILL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING. THE APPLICATION RATE FOR TEMPORARY EROSION CONTROL SEEDING IS 100 POUNDS PER ACRE FOR THREE APPLICATIONS.
8. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS OF ACHIEVING PERMANENT SOIL STABILIZATION. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF AND THE AREA PERMANENTLY STABILIZED.
9. ANY LOOSE MATERIAL DEPOSITION IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCT THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
10. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND AT: (<https://public.powerdms.com/IDOT/tree/documents/1943591>).
11. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
12. THE CONTRACTOR SHOULD PROVIDE TO THE RESIDENT ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN THE INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFF-SITE DISCHARGE OF SEDIMENT BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF AN APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN EROSION CONTROL DEFICIENCY DEDUCTION.
13. A DEPARTMENT OF THE ARMY (DA) PERMIT IS NOT REQUIRED TO COMPLETE THE PROPOSED WORK. ANY UNPERMITTED DISCHARGE INTO AN AREA WITHIN THE JURISDICTION OF THE DA MAY RESULT IN CIVIL OR CRIMINAL ENFORCEMENT UNDER THE CLEAN WATER ACT, 33 U.S.C. SEC. 1319.
14. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.
15. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN 3 DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING WITHIN 7 DAYS.
16. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
17. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS IMMEDIATELY UPON FINAL GRADING.
18. IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 1 DAY OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 4 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 1ST DAY AFTER WORK HAS CEASED.
19. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME. COMPLETED SLOPES SHALL BE SEEDED AND BLANKETED AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WATER IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STEAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

EROSION AND SEDIMENT CONTROL GENERAL NOTES CONTINUED

20. ALL DROP INLETS ON AND ADJACENT TO THE SITE MUST HAVE A SEDIMENT TRAP OR CONTAINMENT DEVICE INSTALLED DURING CONSTRUCTION ACTIVITIES.
21. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.

DRAINAGE AND UTILITIES GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM ALL THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS DRAINAGE ITEMS IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY-OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES. 48-HOUR NOTIFICATION IS REQUIRED.
3. 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
4. ADJUSTMENTS OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL, DRAINAGE & UTILITY NOTES	
I-55 N FRONTAGE RD AT CASS AVE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	3
CONTRACT NO. 62R40				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE	100% STATE
				ROADWAY 0004	ROADWAY 0004
				URBAN	URBAN
20200100	EARTH EXCAVATION	CU YD	1275	1275	0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	260	260	0
20400800	FURNISHED EXCAVATION	CU YD	295	295	0
20800150	TRENCH BACKFILL	CU YD	60	60	0
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	780	780	0
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	585	585	0
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75	0.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	48	48	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	48	48	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	48	48	0
25100115	MULCH, METHOD 2	ACRE	0.75	0.75	0.00
25100630	EROSION CONTROL BLANKET	SQ YD	2097	2097	0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	444	444	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	158	158	0

* DENOTES SPECIAL PROVISION + DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R40	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE	100% STATE
				ROADWAY 0004	ROADWAY 0004
				URBAN	URBAN
28000305	TEMPORARY DITCH CHECKS	FOOT	182	182	0
28000400	PERIMETER EROSION BARRIER	FOOT	802	802	0
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	260	260	0
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3415	3415	0
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	2514	2514	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1427	1427	0
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1875	1875	0
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	280	280	0
44000100	PAVEMENT REMOVAL	SQ YD	2520	2520	0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	261	261	0
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	251	251	0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	634	634	0
50105220	PIPE CULVERT REMOVAL	FOOT	66	66	0
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	68	68	0

* DENOTES SPECIAL PROVISION + DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R40	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE	100% STATE
				ROADWAY 0004	ROADWAY 0004
				URBAN	URBAN
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	3	3	0
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	72	72	0
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	971	971	0
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	0
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	0
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	1	1	0
* + 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	375.0	375.0	0.0
* + 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	955	955	0
66400305	CHAIN LINK FENCE, 6'	FOOT	829	829	0
* + 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1105	1105	0
* + 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	0
* + 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0
* + 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0

* DENOTES SPECIAL PROVISION + DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
I-55 N FRONTAGE RD AT CASS AVE			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	6
			CONTRACT NO. 62R40	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE	100% STATE
				ROADWAY 0004	ROADWAY 0004
				URBAN	URBAN
* + 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15	0
67100100	MOBILIZATION	L SUM	1	1	0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	562.5	562.5	0.0
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1	0
* + 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	0
* + 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	16	16	0
* + 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	0
* + 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	16	16	0
* + 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	0
* + 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3210	3210	0
* + 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	34	34	0
* + 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	17	17	0
* + 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	7	7	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	17	17	0

* DENOTES SPECIAL PROVISION + DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
I-55 N FRONTAGE RD AT CASS AVE			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	7
CONTRACT NO. 62R40			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE	100% STATE
				ROADWAY 0004	ROADWAY 0004
				URBAN	URBAN
X0323265	REMOVE EXISTING RIPRAP	SQ YD	9	9	0
X2010400	STUMP REMOVAL ONLY	UNIT	60	60	0
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	820	820	0
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	7	7	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1	0
Z0010615	CLEANING EXISTING INLETS	EACH	1	0	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	106	106	0
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	6	6	0

* DENOTES SPECIAL PROVISION + DENOTES SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
I-55 N FRONTAGE RD AT CASS AVE				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	8
			CONTRACT NO. 62R40	
		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE									
1 LOCATION		2 EARTH EXCAVATION	3 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	4 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	5 EMBANKMENT	6 EARTH BALANCE WASTE (+) OR SHORTAGE (-)	7 TOPSOIL EXCAVATION (DEPTH = 6")	8 TOPSOIL PLACEMENT (DEPTH = 4")	9 TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
TO	FROM	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
0+00.00	0+13.75	16		14	0	14	2	1	1
0+13.75	0+35.03	25		21	9	12	8	4	4
0+35.03	0+50.00	17		14	14	0	9	4	5
0+50.00	0+73.65	24		20	23	-3	15	7	8
0+73.65	1+00.00	26		22	23	-1	17	7	10
1+00.00	1+12.27	13		11	10	1	8	3	5
1+12.27	1+29.13	20		17	12	5	11	5	6
1+29.13	1+48.32	27		23	15	8	14	5	9
1+48.32	1+85.65	67		57	25	32	26	10	16
1+85.65	2+00.00	30		26	7	19	9	3	6
2+00.00	2+17.30	38		32	8	24	10	3	7
2+17.30	2+50.00	71		60	13	47	19	7	12
2+50.00	3+00.00	114		97	33	64	36	15	21
3+00.00	3+28.15	69		59	37	22	21	10	11
3+28.15	3+32.61	11		9	7	2	3	2	1
3+32.61	3+50.00	47		40	27	13	17	9	8
3+50.00	3+75.00	75		64	44	20	29	15	14
3+75.00	4+03.48	80		68	59	9	33	16	17
4+03.48	4+15.00	29		25	30	-5	13	7	6
4+15.00	4+50.00	80		68	97	-29	40	20	20
4+50.00	4+75.00	52		44	67	-23	28	14	14
4+75.00	5+00.00	42		36	73	-37	28	13	15
5+00.00	5+50.00	65		55	139	-84	51	24	27
5+50.00	5+80.92	36		31	64	-33	28	14	14
5+80.92	6+00.00	21		18	31	-13	15	7	8
6+00.00	6+18.25	18		15	21	-6	12	5	7
6+18.25	6+54.30	32		27	29	-2	21	9	12
6+54.30	6+92.92	34		29	30	-1	23	10	13
6+92.92	7+00.00	6		5	4	1	3	1	2
7+00.00	7+31.54	26		22	12	10	12	4	8
7+31.54	7+54.40	20		17	7	10	8	3	5
7+54.40		40		34	8	26	12	4	8
CULVERT AT 3+28.15 RT *					19	-19			
CULVERT AT 3+32.61 LT *					10	-10			
RIPRAP REPLACEMENT AT 3+32.61 LT **					6	-6			
ARTICLE 669.05(a)(5) SOILS ****					363	-363			
NOMINAL FROM RGR ***			260						
TOTAL		1275	260	1080	1375	-295	585	265	320

COLUMN 1: LOCATION FROM PLANS.
COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS. DOES NOT INCLUDE UNSUITABLE MATERIAL AND/OR TOPSOIL.
COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT.
COLUMN 4: QUANTITIES OF EARTH EXCAVATION ADJUSTED FOR A SHRINKAGE FACTOR OF 15%.
COLUMN 5: QUANTITIES OF EMBANKMENT (FILL) FROM CROSS SECTIONS.
COLUMN 6: EARTHWORK BALANCE (COLUMN 4 - COLUMN 5)
(+) = QUANTITY OF EXTRA EXCAVATION TO BE WASTED.
(-) = QUANTITY OF FURNISHED EXCAVATION NEEDED.
COLUMN 7: QUANTITIES OF DISTURBED EXISTING TOPSOIL FROM CROSS SECTIONS. TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.
COLUMN 8: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING FROM CROSS SECTIONS.
COLUMN 9: TOPSOIL BALANCE (COLUMN 7 - COLUMN 8)
(+) = QUANTITY OF TOPSOIL TO BE WASTED.
(-) = QUANTITY OF FURNISHED TOPSOIL NEEDED. TO BE PAID FOR AS TOPSOIL FURNISH AND PLACE, 4".

* SEE PIPE SCHEDULE FOR EMBANKMENT CALCULATIONS.
** SEE DRAINAGE REMOVAL SCHEDULE FOR AREA OF EXISTING RIPRAP TO BE REMOVED. RIPRAP IS ASSUMED TO BE RR4 WITH THICKNESS 16" AND BEDDING THICKNESS 6".
*** SEE PAVEMENT SCHEDULE FOR CALCULATIONS.
**** SEE THE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC) SPECIAL PROVISION. SOILS ARE PRESENT THAT SHALL BE MANAGED IN ACCORDANCE WITH ARTICLE 669.05(a)(5) OF THE STANDARD SPECIFICATIONS AND CANNOT BE REUSED ON SITE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES
I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	10
CONTRACT NO. 62R40			ILLINOIS FED. AID PROJECT	

STUMP REMOVAL SCHEDULE		
STATION	OFFSET	STUMP REMOVAL ONLY UNIT
0+48.04	17.6' RT	20
2+71.97	26.1' RT	20
3+48.60	23.5' RT	20
TOTAL		60

NOTES:
1. DIAMETERS TO BE FIELD VERIFIED. NOMINAL QUANTITY OF 20" DIAMETER PROVIDED FOR EACH STUMP REMOVAL.

EROSION CONTROL SCHEDULE							
STATION	STATION	OFFSET	AREA	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 2	PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS
			SQ FT	POUND	ACRE	FOOT	FOOT
0+00.00	8+02.40	LT	6894.9	47.5	0.16		87
0+00.00	8+02.40	RT	15967.1	110.0	0.37		95
0+00.00	0+40.00	RT				46	
4+75.00	8+02.40	RT				346	
6+92.92	8+02.40	LT				110	
NOMINAL FOR EARTH STOCKPILES						300	
TOTAL				158	0.75	802	182

ROADWAY REMOVAL SCHEDULE					
FROM STATION	OFFSET	TO STATION	OFFSET	PAVEMENT REMOVAL SQ YD	CHAIN LINK FENCE REMOVAL FOOT
0+00.00		8+02.40		2520	
0+00.00	RT	8+02.40	RT		820
TOTAL				2520	820

LANDSCAPING SCHEDULE									
LOCATION			AREA	SEEDING CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	HEAVY DUTY EROSION CONTROL BLANKET
FROM STATION	TO STATION	OFFSET	SQ FT	ACRE	POUND	POUND	POUND	SQ YD	SQ YD
0+00.00	8+02.40	LT	6894.9	0.16	14.2	14.2	14.2	766.1	
0+00.00	1+48.32	RT	2203.0	0.05	4.6	4.6	4.6	244.8	
1+48.32	4+15.00	RT	2077.1	0.05	4.3	4.3	4.3	230.8	
			3994.2	0.09	8.3	8.3	8.3		443.8
4+15.00	8+02.40	RT	7693.3	0.18	15.9	15.9	15.9	854.8	
TOTAL				0.52	47.2	47.2	47.2	2096.5	443.8
ROUNDED TOTAL				0.75	48	48	48	2097	444

DRAINAGE REMOVAL SCHEDULE						
STATION	OFFSET	STATION	OFFSET	PIPE CULVERT REMOVAL	REMOVE EXISTING RIPRAP	REMOVING INLETS TO MAINTAIN FLOW EACH
				FOOT	SQ YD	
3+26.45	32.5' LT	3+41.13	33.5' LT		8.5	
3+32.61	27.9' LT					1
3+32.61	27.9' LT	3+28.15	37.7' RT	65.8		
TOTAL				66	9	1

PIPE UNDERDRAIN SCHEDULE						
FROM STATION	OFFSET	TO STATION	OFFSET	CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 4" (SPECIAL)	PIPE UNDERDRAINS, TYPE 2, 4"
				EACH	FOOT	FOOT
0+00.00	15.3' RT	0+73.65	14.0' RT			73.7
6+92.92	14.0' RT	8+02.40	12.4' RT			109.6
0+00.00	23.3' LT	3+32.61	14.0' LT			326.7
3+32.61	14.0' LT	8+02.40	13.2' LT			460.7
0+73.65	14.0' RT	0+73.65	25.3' RT	1	11.3	
3+32.36	14.0' LT	3+32.36	30.1' LT		16.1	
3+32.86	14.0' LT	3+32.86	30.1' LT		16.1	
7+99.75	12.6' RT	7+99.75	22.2' RT		9.6	
8+00.25	12.6' RT	8+00.25	22.2' RT	1	9.6	
8+00.00	13.3' LT	8+00.00	22.1' LT	1	8.8	
TOTAL				3	72	971

PROPOSED GUARDRAIL AND FENCE SCHEDULE							
FROM STATION	TO STATION	OFFSET	CHAIN LINK FENCE, 6'	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
			FOOT	FOOT	EACH	EACH	EACH
0+00.00	0+02.40	RT	020.7				
0+52.00	1+02.00	RT			1	1	
1+02.00	4+63.85	RT		375.0			7
4+63.85	5+11.72	RT			1	1	
TOTAL			829	375.0	2	2	7

STRUCTURE SCHEDULE						
STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	CATCH BASINS, TYPE A, 4' - DIAMETER, TYPE 8 GRATE	CLEANING EXISTING INLETS	MANHOLES TO BE ADJUSTED
				EACH	EACH	EACH
2+46.12	26.2' RT					1
3+28.15	37.7' RT	700.31	697.19		1	
3+32.61	30.1' LT	703.34	698.09	1		
TOTAL				1	1	1

PIPE SCHEDULE																
SLOPE	FROM				TO				CENTERLINE		AVERAGE DEPTH	LENGTH	FILL VOLUME PER FOOT	EMBANKMENT (SEE EARTHWORK SCHEDULE)	TRENCH BACKFILL	PIPE CULVERTS, CLASS A, TYPE 2 24"
	STATION	OFFSET	SURFACE ELEVATION	INVERT ELEVATION	STATION	OFFSET	SURFACE ELEVATION	INVERT ELEVATION	SURFACE ELEVATION	INVERT ELEVATION						
1.3%	3+32.61	30.1' LT		698.09	3+28.15	37.7' RT		697.19								68
1.3%	3+32.61	30.1' LT	703.34	698.09	3+31.89	20.0' LT	706.32	697.96			6.39	10.14	1.009	10		
1.3%	3+31.89	20.0' LT	706.32	697.96	3+29.30	19.5' RT	707.95	697.44	707.47	697.69	8.72	39.60	1.498		59.3	
1.3%	3+29.30	19.5' RT	707.95	697.44	3+28.15	37.7' RT	700.31	697.19			6.48	18.24	1.049	19		
TOTAL												29	60	68		

NOTES:
1. TRENCH BACKFILL TABLES FOR CIRCULAR CONCRETE PIPES WERE UTILIZED FROM DOCUMENTATION OF CONTRACT QUANTITIES FY 2020.
2. 4" TOPSOIL THICKNESS, 6" AGGREGATE SHOULDER THICKNESS, OR 20" PAVEMENT THICKNESS WERE SUBTRACTED FROM THE AVERAGE DEPTH CALCULATIONS.

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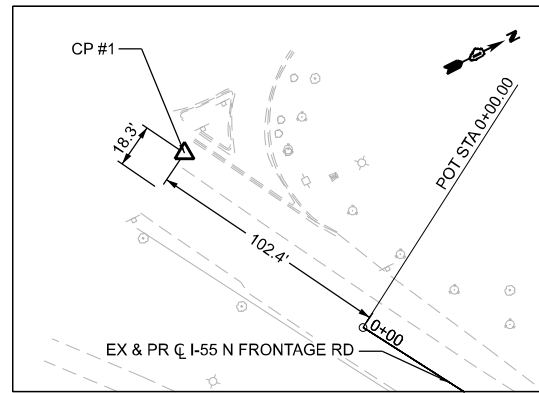
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
I-55 N FRONTAGE RD AT CASS AVE

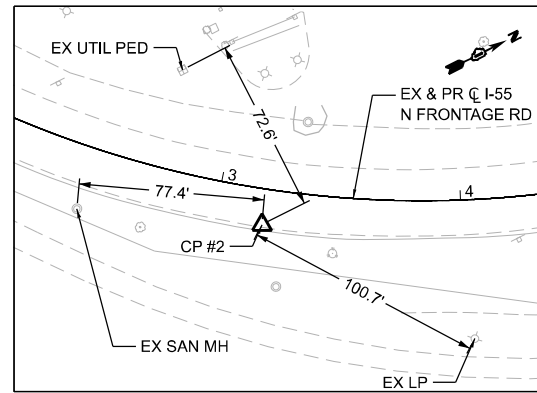
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	11
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



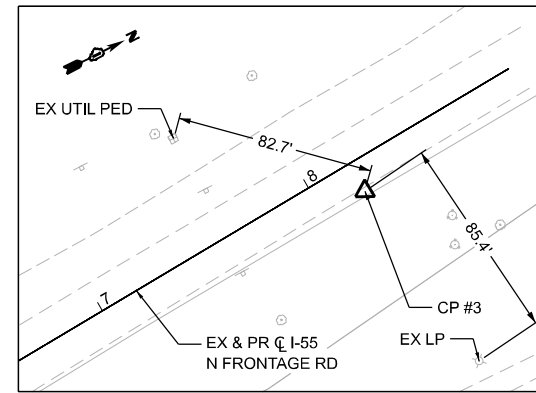
CONTROL POINT #1

SET CROSS
 ± 5' S.E. FROM C OF CONC ISLAND AT ENT
 OF ST THERESE MUSEUM
 STA. N/A
 N: 1845384.295, E: 1081950.837
 EL: 712.748



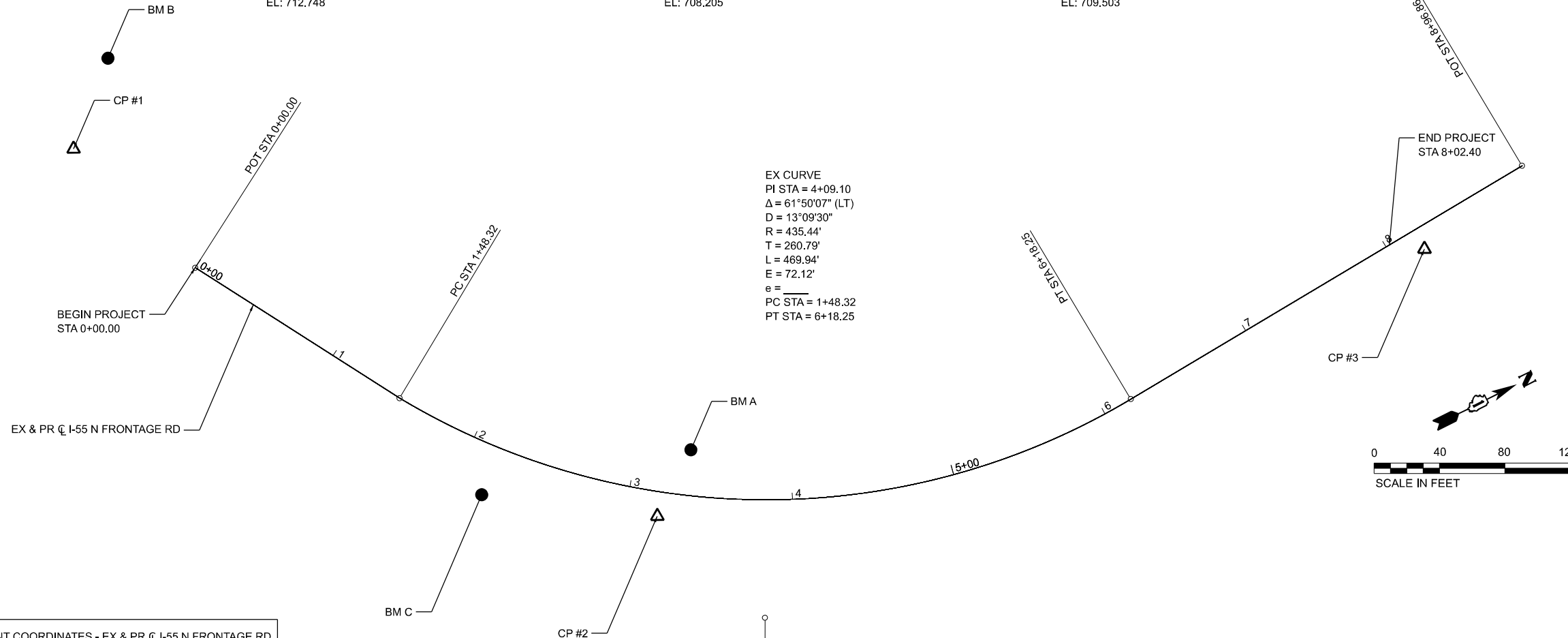
CONTROL POINT #2

SET MAG NAIL
 ± 1' FROM EOP ON THE E. SIDE OF
 N. FRONTAGE RD
 STA. 3+19.28, 14.95' RT
 N: 1845601.792, E: 1082312.316
 EL: 708.205



CONTROL POINT #3

SET RB W/ CAP
 ± 1' FROM EOP ON THE E. SIDE OF
 N. FRONTAGE RD
 STA. 8+19.49, 13.22' RT
 N: 1846094.404, E: 1082378.245
 EL: 709.503



EX CURVE
 PI STA = 4+09.10
 Δ = 61°50'07" (LT)
 D = 13°09'30"
 R = 435.44'
 T = 260.79'
 L = 469.94'
 E = 72.12'
 e = 0
 PC STA = 1+48.32
 PT STA = 6+18.25



ALIGNMENT COORDINATES - EX & PR C I-55 N FRONTAGE RD			
POINT	STATION	NORTHING	EASTING
POT	0+00.00	1845417.952	1082049.231
PC	1+48.32	1845493.584	1082176.815
PI	4+09.10	1845632.595	1082397.462
PT	6+18.25	1845892.730	1082379.058
POT	8+96.86	1846170.663	1082359.680

NOTES

- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- TOPOGRAPHIC SURVEY OF N FRONTAGE ROAD AT CASS AVENUE AND I-55 EXPRESSWAY COORDINATES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE (NAD83-CORS ADJ).

BENCHMARK A

SET CUT BOX ON E. CORNER OF
 CONC PAD AT SEWER MANHOLE
 STA. 3+34.62, 27.92' LT
 N: 1845638.419, E: 1082285.416
 EL: 703.276

BENCHMARK C

SET CUT BOX ON N.E. ANCHOR
 BOLT OF LIGHT POLE
 STA. 2+17.30, 30.58' RT
 N: 1845511.833, E: 1082252.209
 EL: 705.870

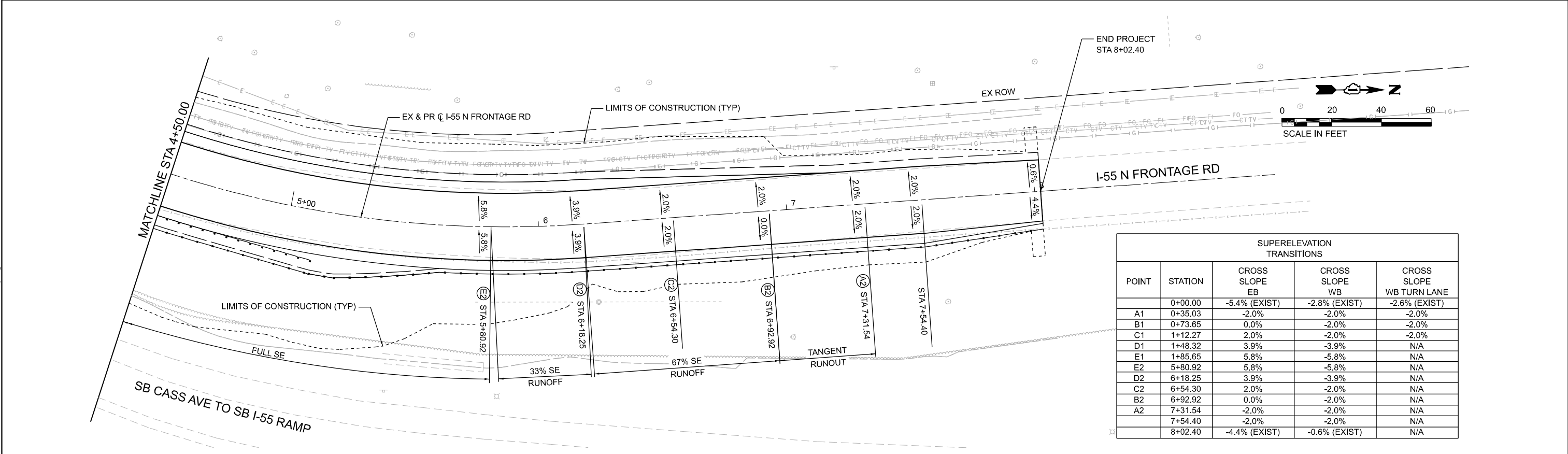
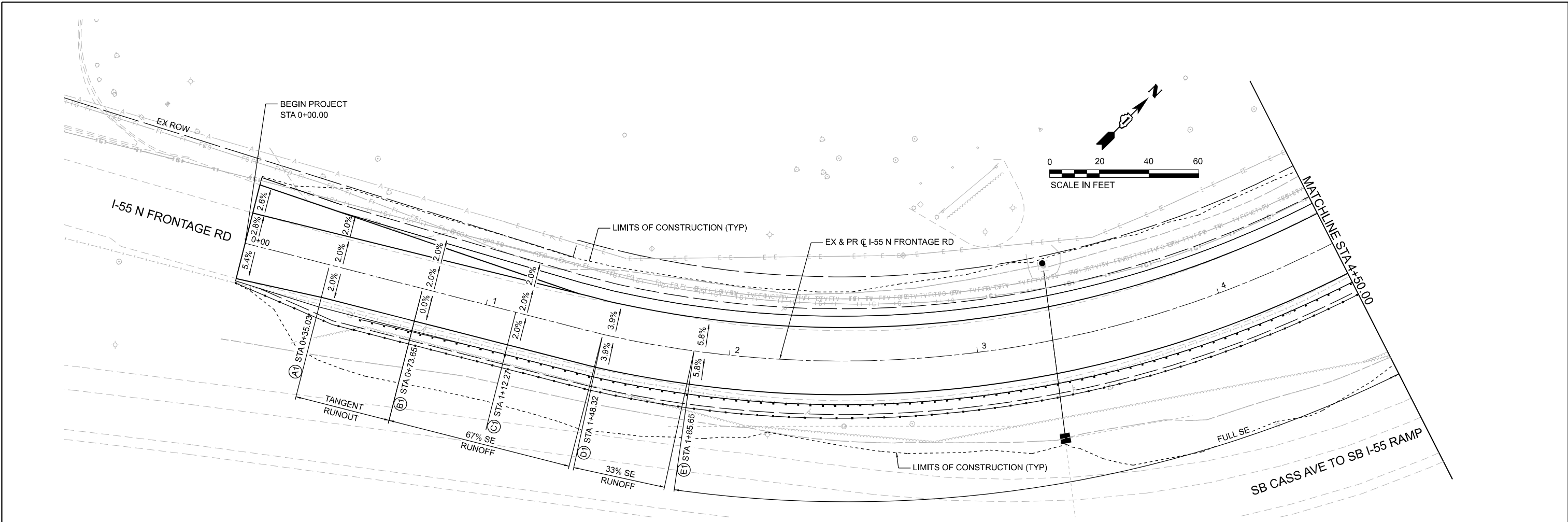
BENCHMARK B

SET CUT BOX ON S.E. SIDE OF
 LIGHT POLE CONC BASE
 STA. N/A
 N: 1845428.145, E: 1081910.836
 EL: 715.291

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F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	13
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



SUPERELEVATION TRANSITIONS				
POINT	STATION	CROSS SLOPE EB	CROSS SLOPE WB	CROSS SLOPE WB TURN LANE
	0+00.00	-5.4% (EXIST)	-2.8% (EXIST)	-2.6% (EXIST)
A1	0+35.03	-2.0%	-2.0%	-2.0%
B1	0+73.65	0.0%	-2.0%	-2.0%
C1	1+12.27	2.0%	-2.0%	-2.0%
D1	1+48.32	3.9%	-3.9%	N/A
E1	1+85.65	5.8%	-5.8%	N/A
E2	5+80.92	5.8%	-5.8%	N/A
D2	6+18.25	3.9%	-3.9%	N/A
C2	6+54.30	2.0%	-2.0%	N/A
B2	6+92.92	0.0%	-2.0%	N/A
A2	7+31.54	-2.0%	-2.0%	N/A
	7+54.40	-2.0%	-2.0%	N/A
	8+02.40	-4.4% (EXIST)	-0.6% (EXIST)	N/A

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EFK Moen
Civil Engineering Design

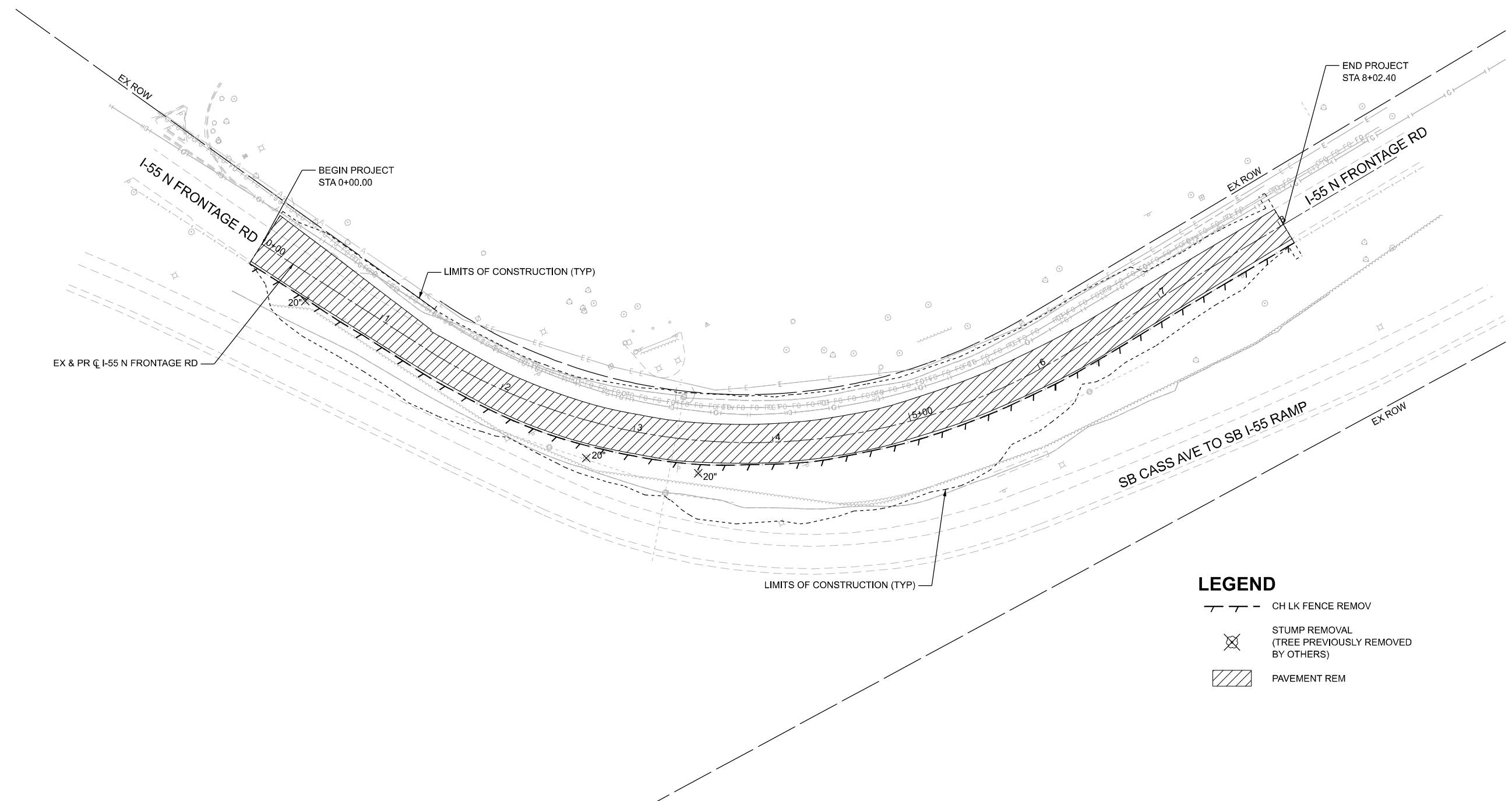
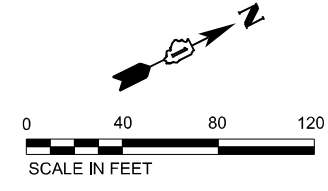
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




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**SUPERELEVATION DETAILS
I-55 N FRONTAGE RD AT CASS AVE**

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	14
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



LEGEND

-  CH LK FENCE REMOV
-  STUMP REMOVAL
(TREE PREVIOUSLY REMOVED BY OTHERS)
-  PAVEMENT REM

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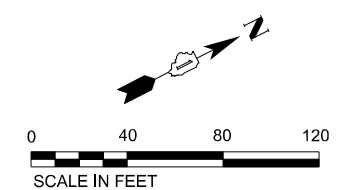


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

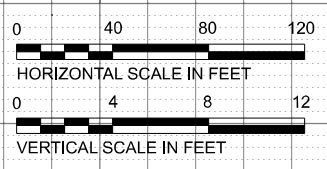
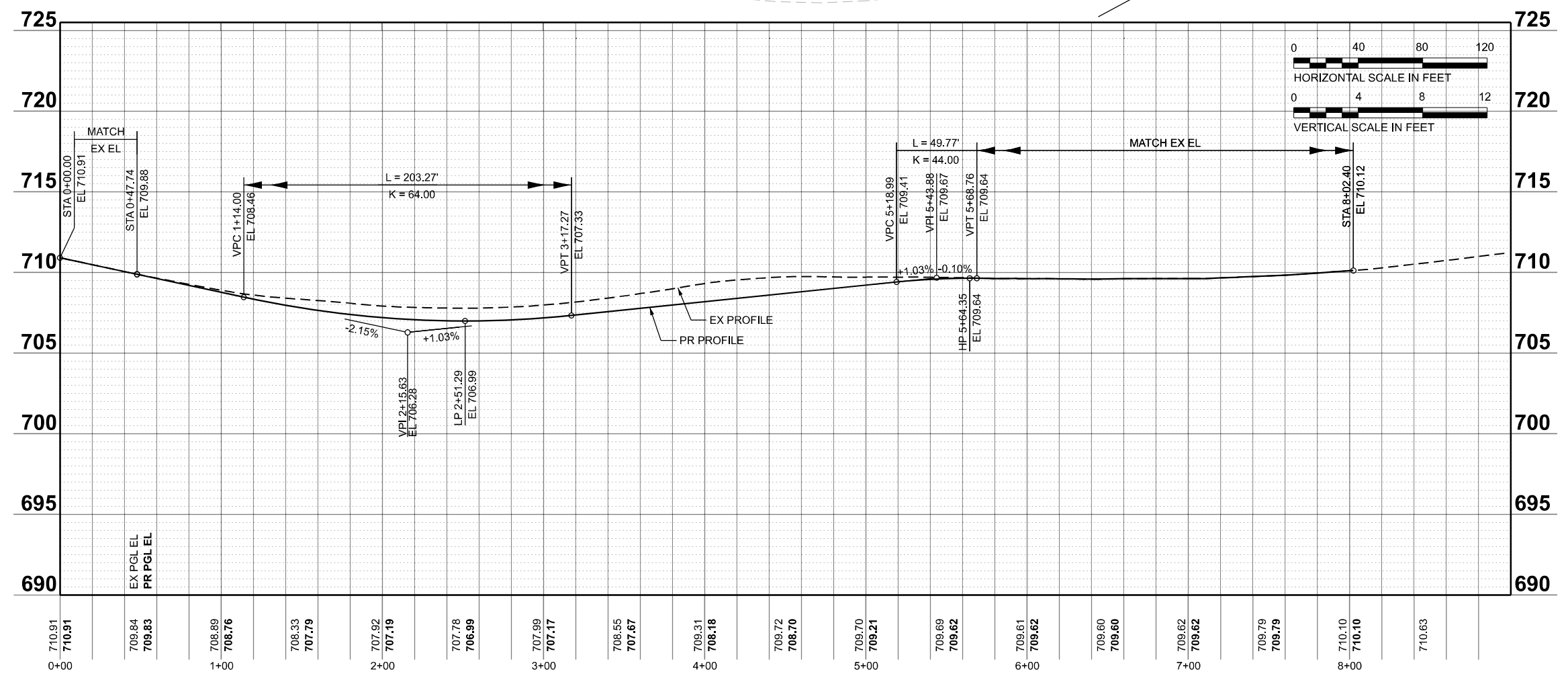
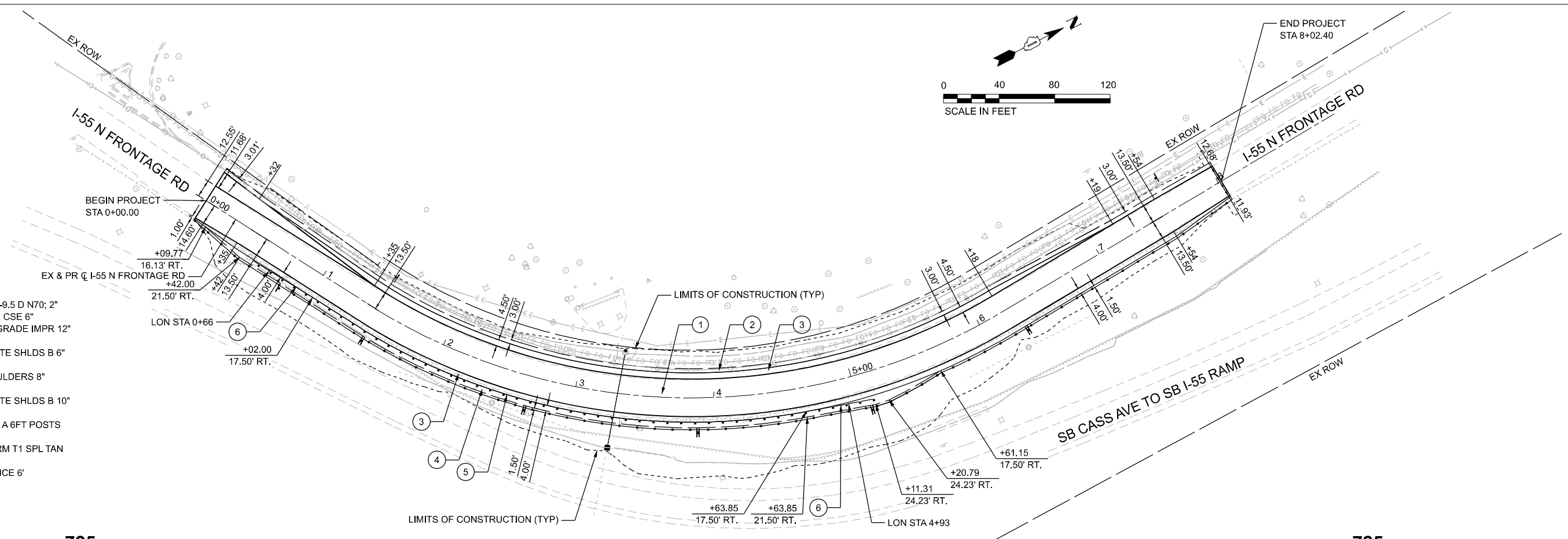
REMOVAL PLAN			
I-55 N FRONTAGE RD AT CASS AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	15
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① RECON:
HMA SC IL-9.5 D N70; 2"
HMA BASE CSE 6"
AGG SUBGRADE IMPR 12"
- ② AGGREGATE SHLDS B 6"
- ③ HMA SHOULDERS 8"
- ④ AGGREGATE SHLDS B 10"
- ⑤ SPBGR TY A 6FT POSTS
- ⑥ TR BAR TRM T1 SPL TAN
- CH LK FENCE 6"



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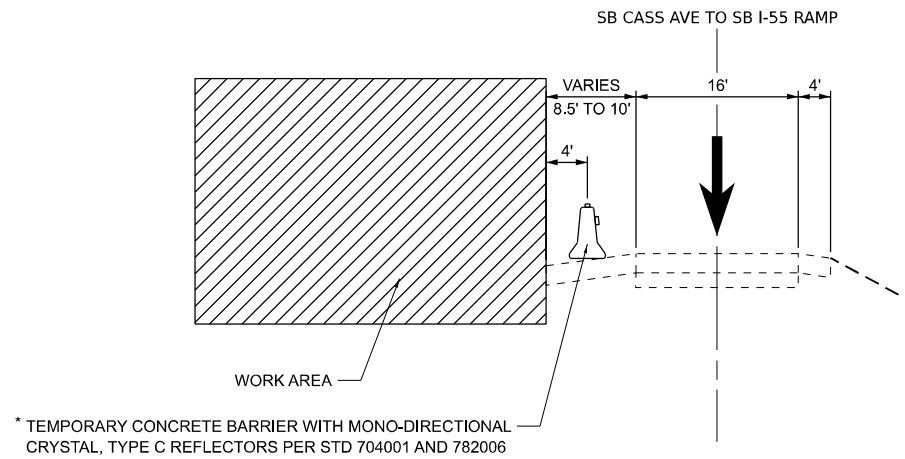
EFK Moen
Civil Engineering Design

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE I-55 N FRONTAGE RD AT CASS AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. I. RTE. 55	SECTION FR 55 2021 RS	COUNTY DUPAGE	TOTAL SHEETS 44	SHEET NO. 16
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



SB I-55 RAMP SHOULDER CLOSURE TYPICAL SECTION

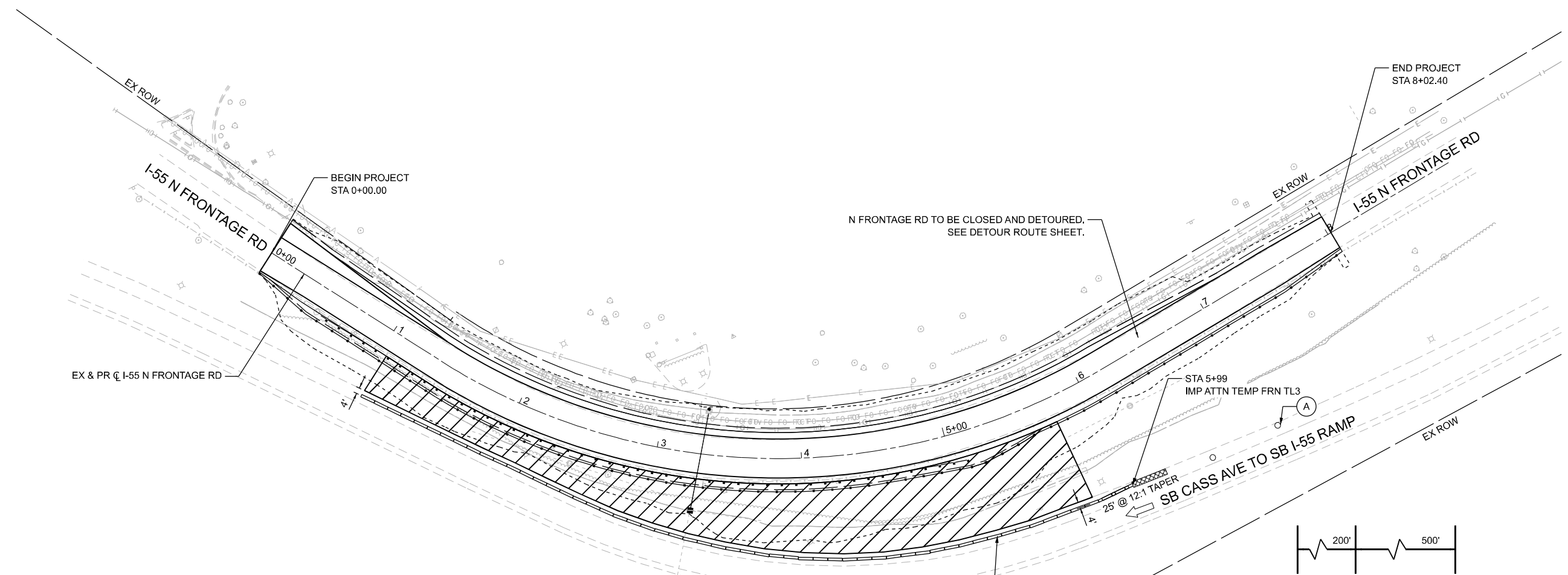
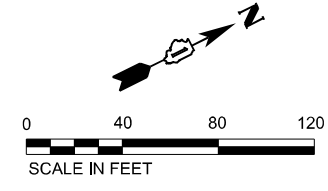
N FRONTAGE RD STA 1+05 TO STA 5+99
(FACING NORTHEAST/NORTH)

* TYPE C REFLECTORS SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER FOR TEMPORARY BARRIER LOCATED ON THE SB CASS AVE TO SB I-55 RAMP.





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F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	17
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				

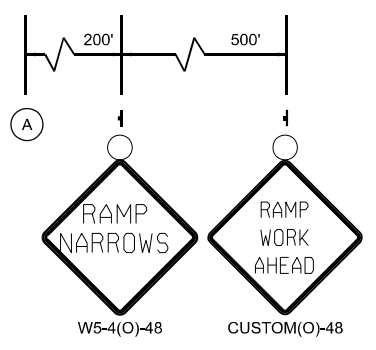


LEGEND

-  WORK AREA
-  DRUMS
-  IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
-  TEMPORARY CONCRETE BARRIER

NOTES:

1. ALL CONSTRUCTION ACTIVITIES WITHIN THE SB CASS AVE TO SB I-55 RAMP CLEAR ZONE SHALL BE COMPLETED DURING THE I-55 N FRONTAGE RD CLOSURE/DETOUR.
2. CONTRACTOR SHALL CLOSE THE SB CASS AVE TO SB I-55 RAMP TO SET UP AND TAKE DOWN THE TEMPORARY CONCRETE BARRIER WALL.
2. SB CASS AVE TO SB I-55 RAMP SHOULDER CLOSURE SHALL BE IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD TC-17.



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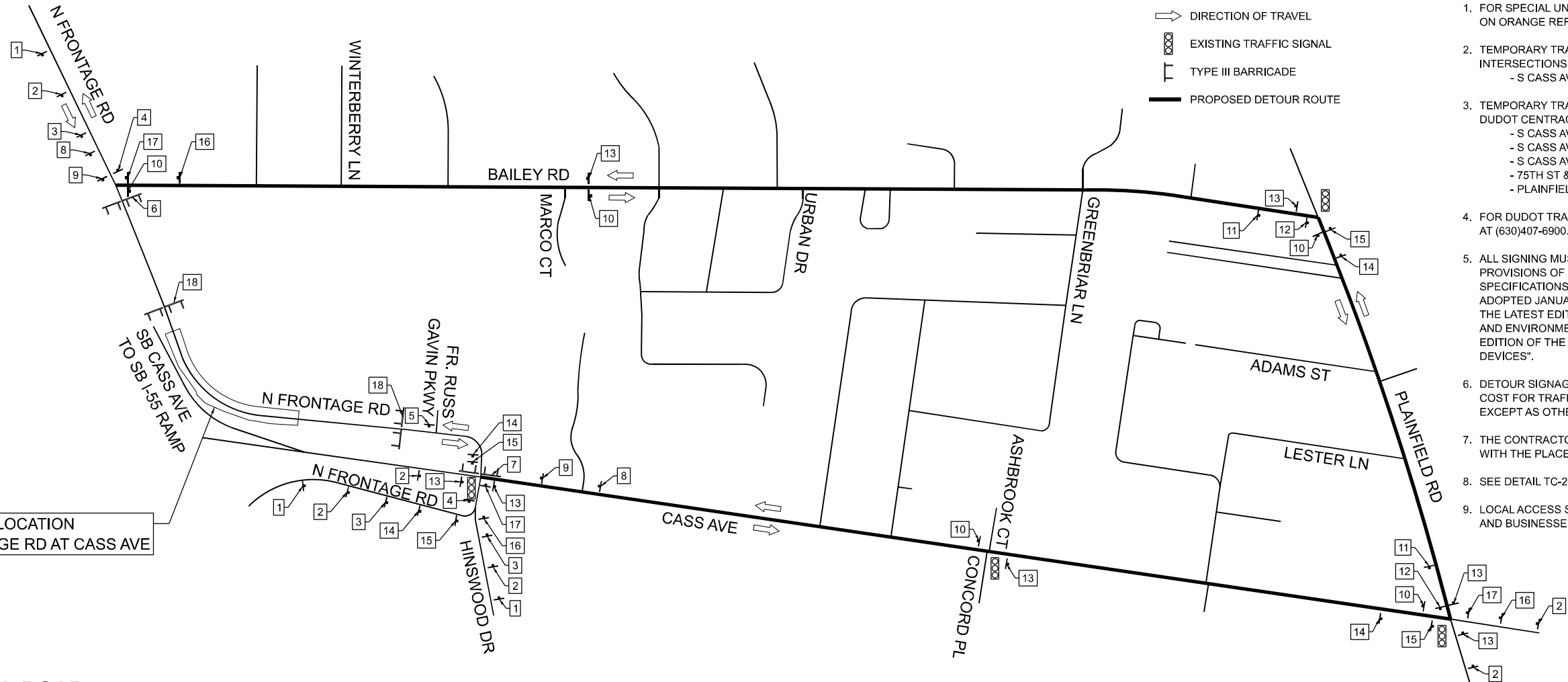
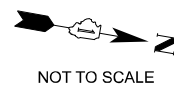
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLAN - RAMP SHOULDER CLOSURE
I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE. 55	SECTION FR 55 2021 RS	COUNTY DUPAGE	TOTAL SHEETS 44	SHEET NO. 18
CONTRACT NO. 62R40				

ILLINOIS FED. AID PROJECT



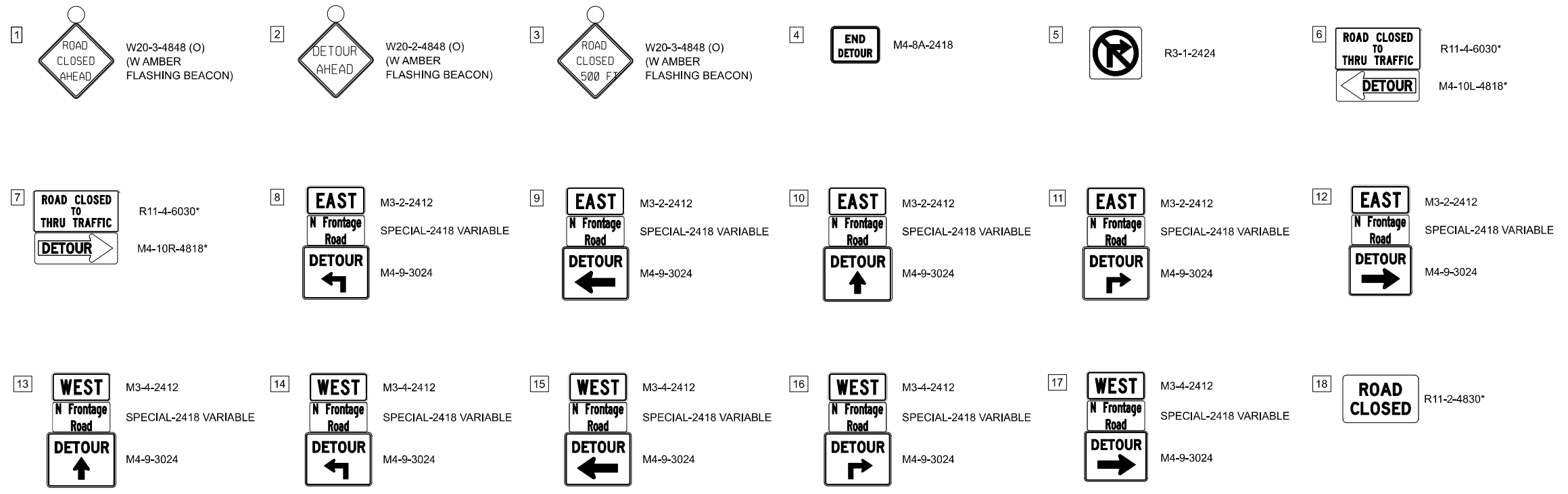
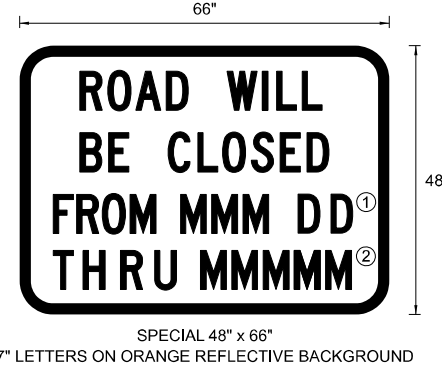
LEGEND

- DIRECTION OF TRAVEL
- EXISTING TRAFFIC SIGNAL
- TYPE III BARRICADE
- PROPOSED DETOUR ROUTE

NOTES

1. FOR SPECIAL UNMARKED ROUTE SIGNS USE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND.
2. TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED FOR IDOT INTERSECTIONS AT:
 - S CASS AVE & N FRONTAGE RD (TS 5975)
3. TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED FOR DUDOT CENTRACS SYSTEM INTERSECTIONS AT:
 - S CASS AVE & ASHBROOK CT/CONCORD PL
 - S CASS AVE & PLAINFIELD RD
 - S CASS AVE & 75TH ST
 - 75TH ST & PLAINFIELD RD
 - PLAINFIELD RD & BAILEY RD
4. FOR DUDOT TRAFFIC SIGNALS, CONTACT MARYANNE SIOSON AT (630)407-6900.
5. ALL SIGNING MUST BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022. THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE IDOT BUREAU OF DESIGN AND ENVIRONMENT HIGHWAY STANDARDS AND THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
6. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
7. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
8. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
9. LOCAL ACCESS SHALL BE PROVIDED AT ALL TIMES TO RESIDENTS AND BUSINESSES.

ARTERIAL ROAD INFORMATION SIGN



- NOTES**
- OVERLAY PANEL ① TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION (I.E. FROM APR 1).
 - OVERLAY PANEL ② TO CONTAIN ENDING MONTH OF FULL CLOSURE AND DETOUR; MONTH ONLY (I.E. THRU NOV).
 - ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS ① AND ② ON EITHER SIDE OF ROAD CLOSURE LIMITS. SIGNS TO BE PLACED TWO (2) WEEKS PRIOR TO THE ROAD CLOSURE. REMOVE SIGNS ONCE THE ROAD CLOSURE IS ESTABLISHED.
 - ONE SIGN PANEL EQUALS 27.3 SQ FT AND SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

* MOUNTING OF SIGN ON TYPE III BARRICADE SHALL BE NCHRP 350 OR MASH COMPLIANT.

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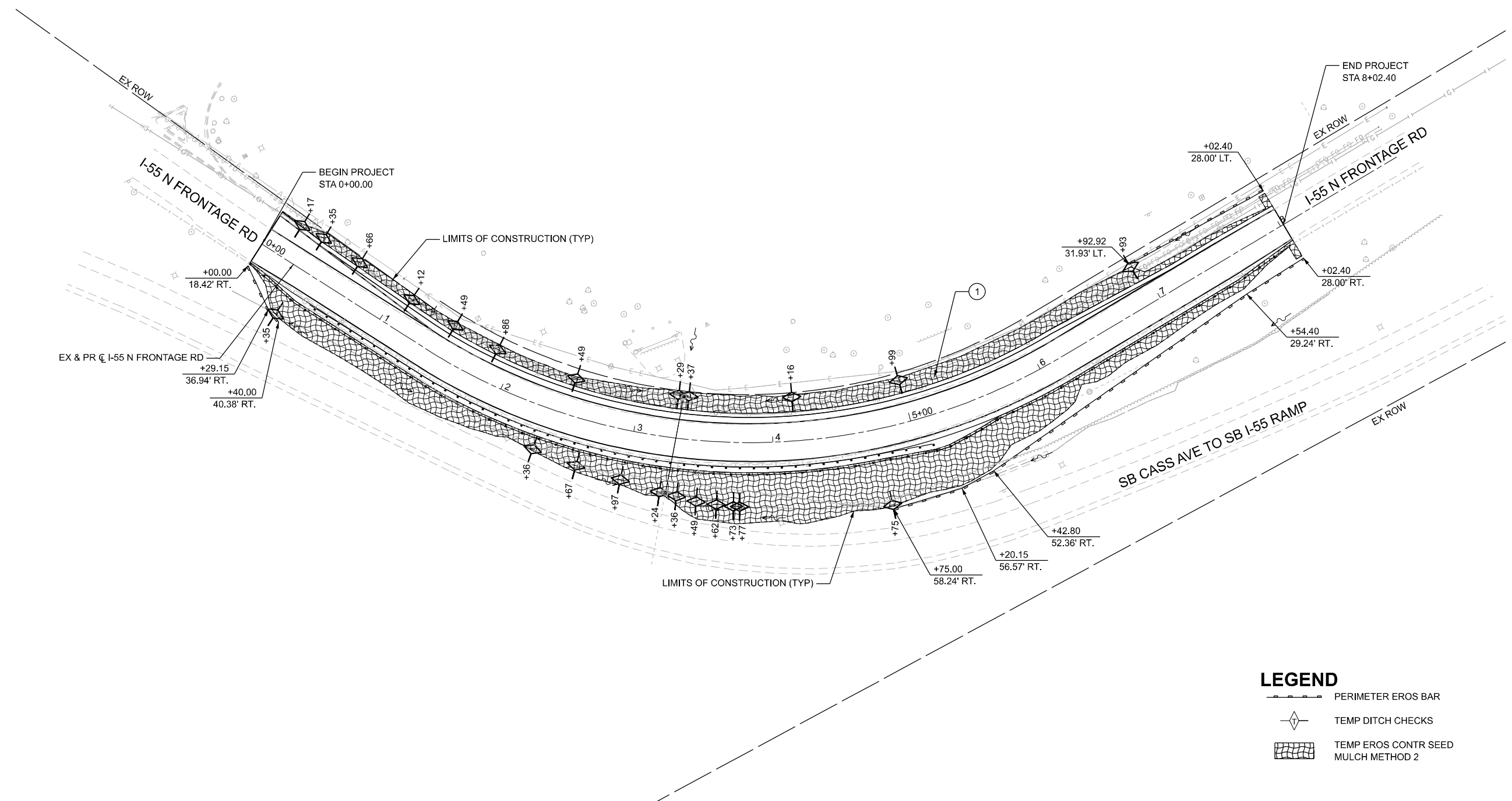
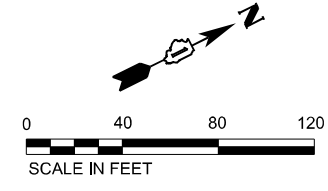
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.

**STAGING PLAN - DETOUR ROUTE
I-55 N FRONTAGE RD AT CASS AVE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	19
CONTRACT NO. 62R40				
ILLINOIS		FED. AID PROJECT		



- LEGEND**
- PERIMETER EROS BAR
 - TEMP DITCH CHECKS
 - TEMP EROS CONTR SEED MULCH METHOD 2

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EFK Moen
Civil Engineering Design

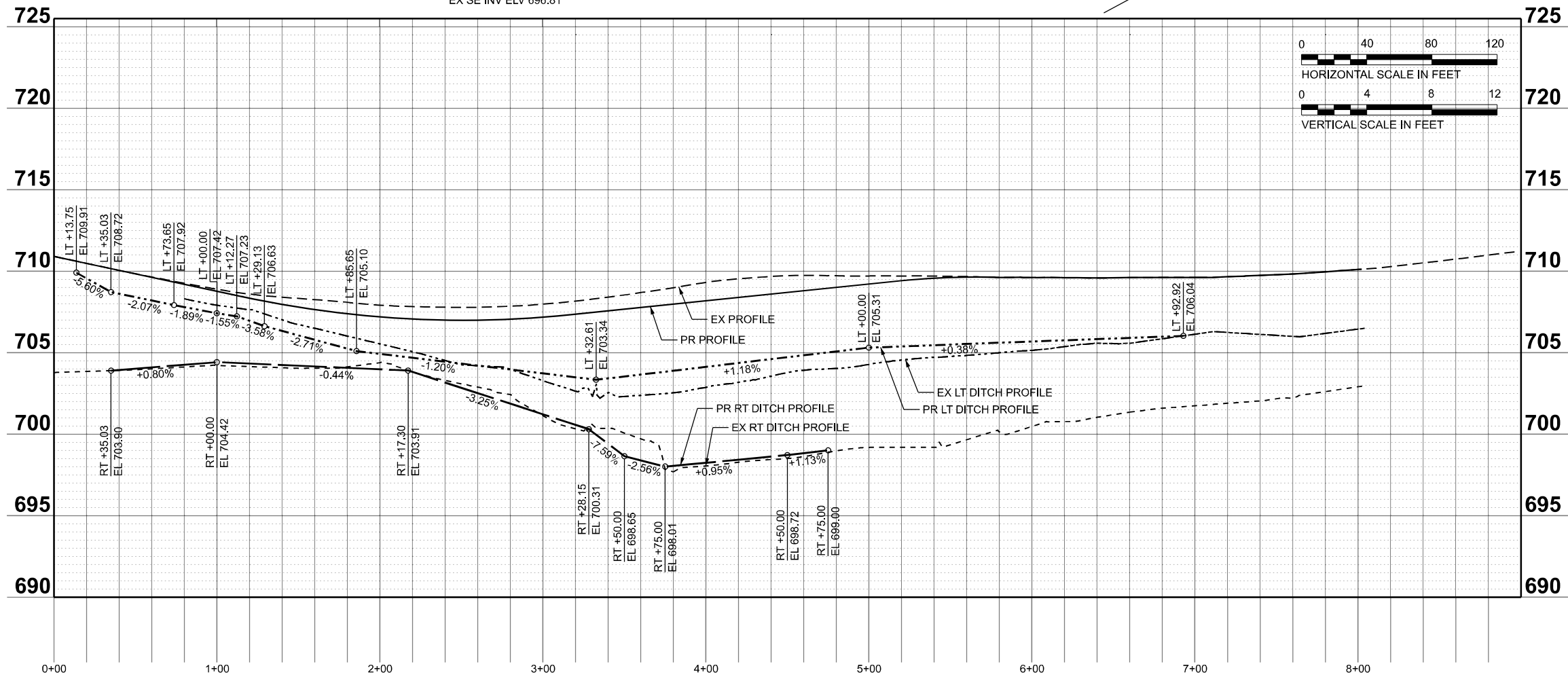
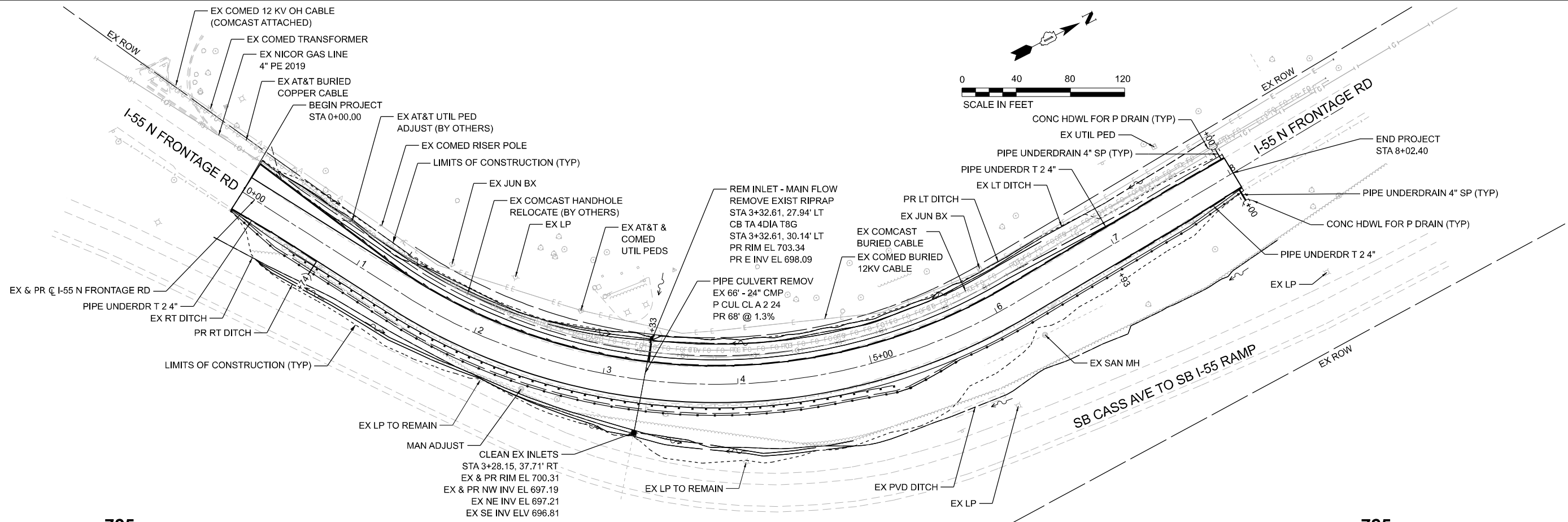
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PLOT DATE = 9/8/2023	DATE - 9/8/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	20
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



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EFK Moen
Civil Engineering Design

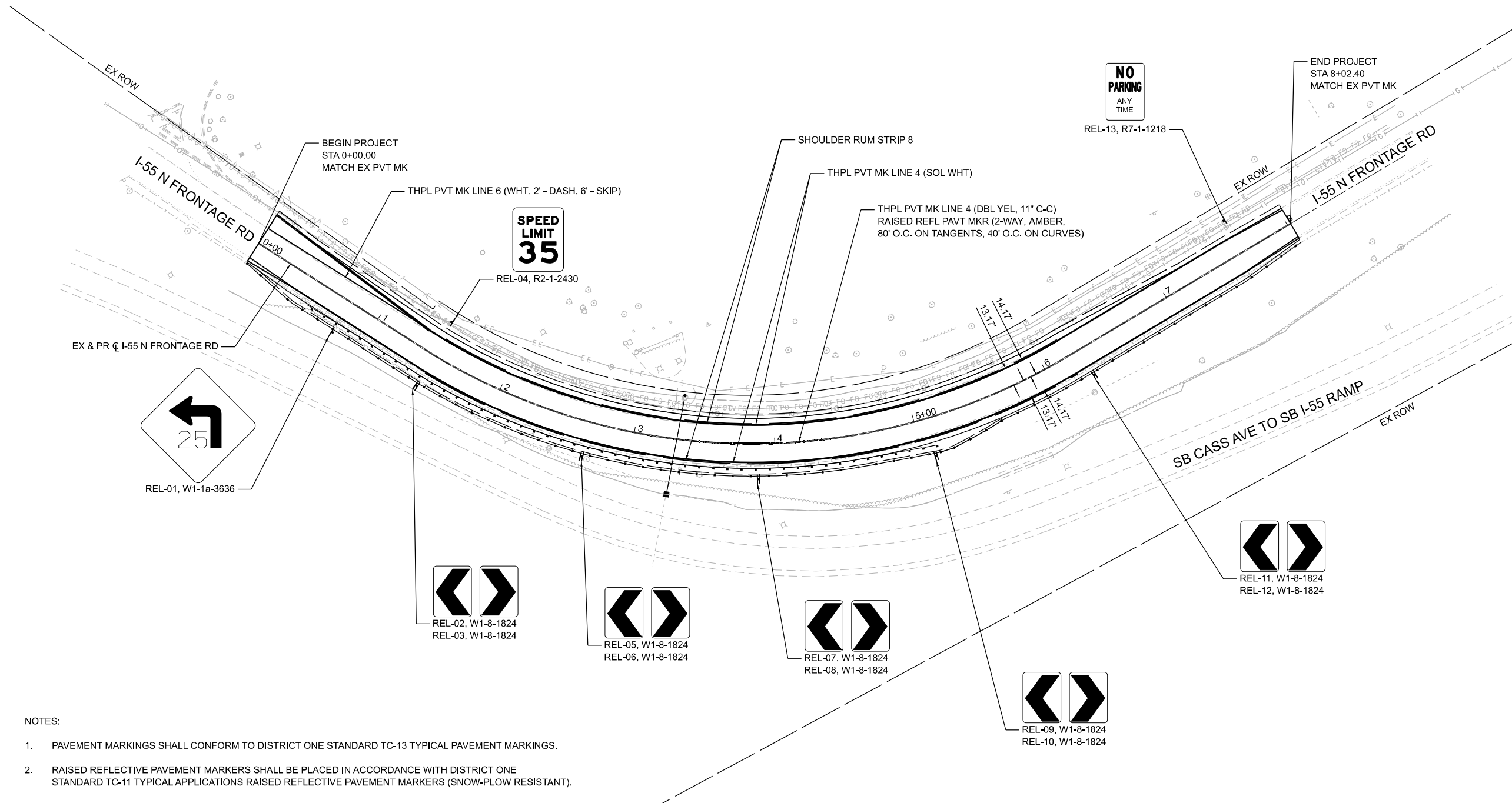
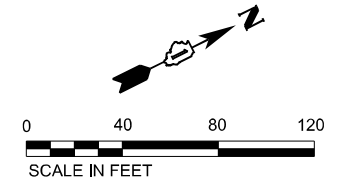
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES PLAN AND PROFILE
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE. 55	SECTION FR 55 2021 RS	COUNTY DUPAGE	TOTAL SHEETS 44	SHEET NO. 21
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



NOTES:

1. PAVEMENT MARKINGS SHALL CONFORM TO DISTRICT ONE STANDARD TC-13 TYPICAL PAVEMENT MARKINGS.
2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE STANDARD TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).

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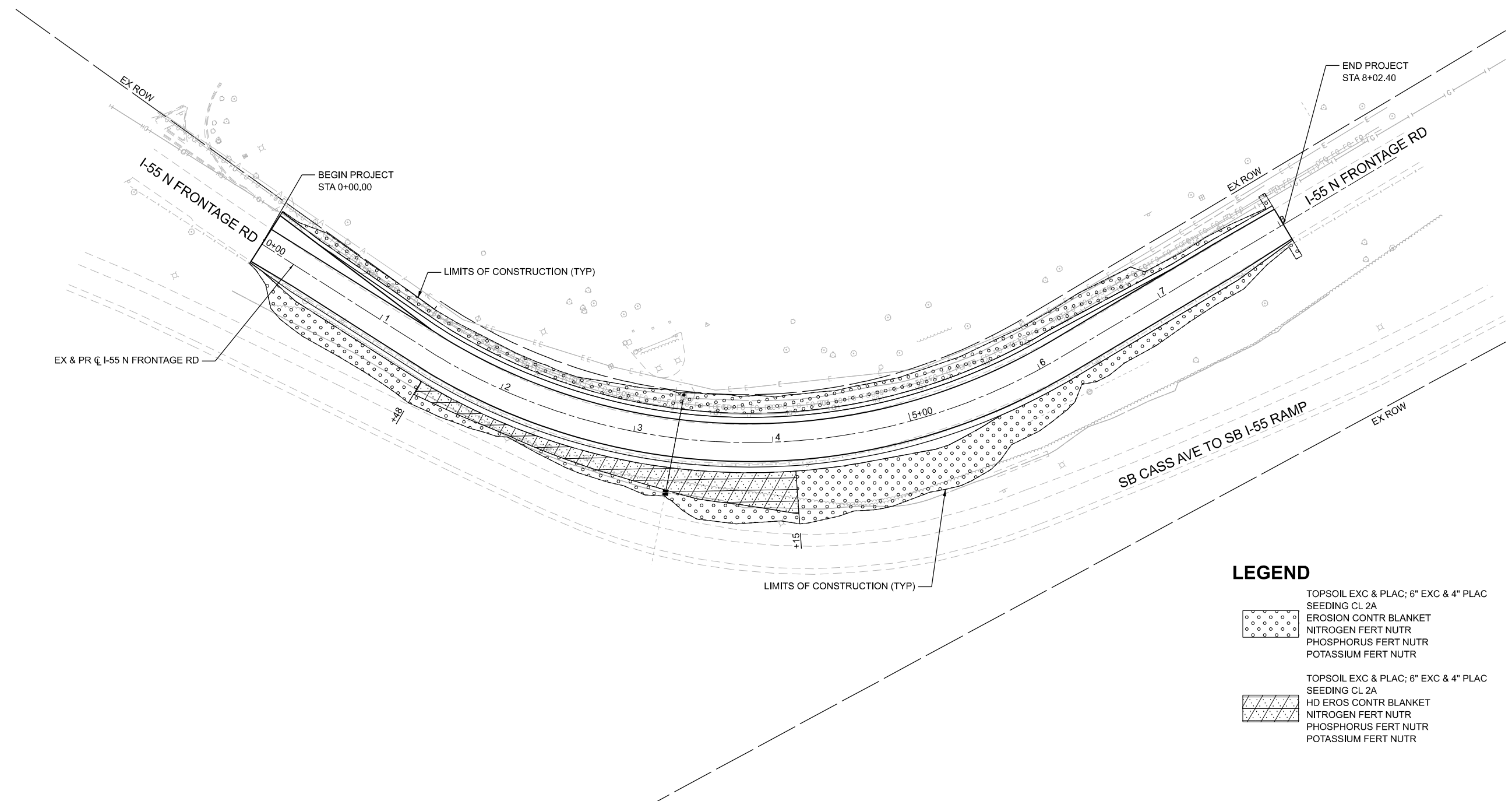
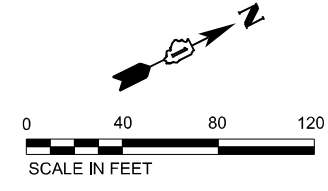
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**PAVEMENT MARKING AND SIGNING PLAN
I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	22
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



LEGEND

-  TOPSOIL EXC & PLAC; 6" EXC & 4" PLAC
SEEDING CL 2A
EROSION CONTR BLANKET
NITROGEN FERT NUTR
PHOSPHORUS FERT NUTR
POTASSIUM FERT NUTR
-  TOPSOIL EXC & PLAC; 6" EXC & 4" PLAC
SEEDING CL 2A
HD EROS CONTR BLANKET
NITROGEN FERT NUTR
PHOSPHORUS FERT NUTR
POTASSIUM FERT NUTR

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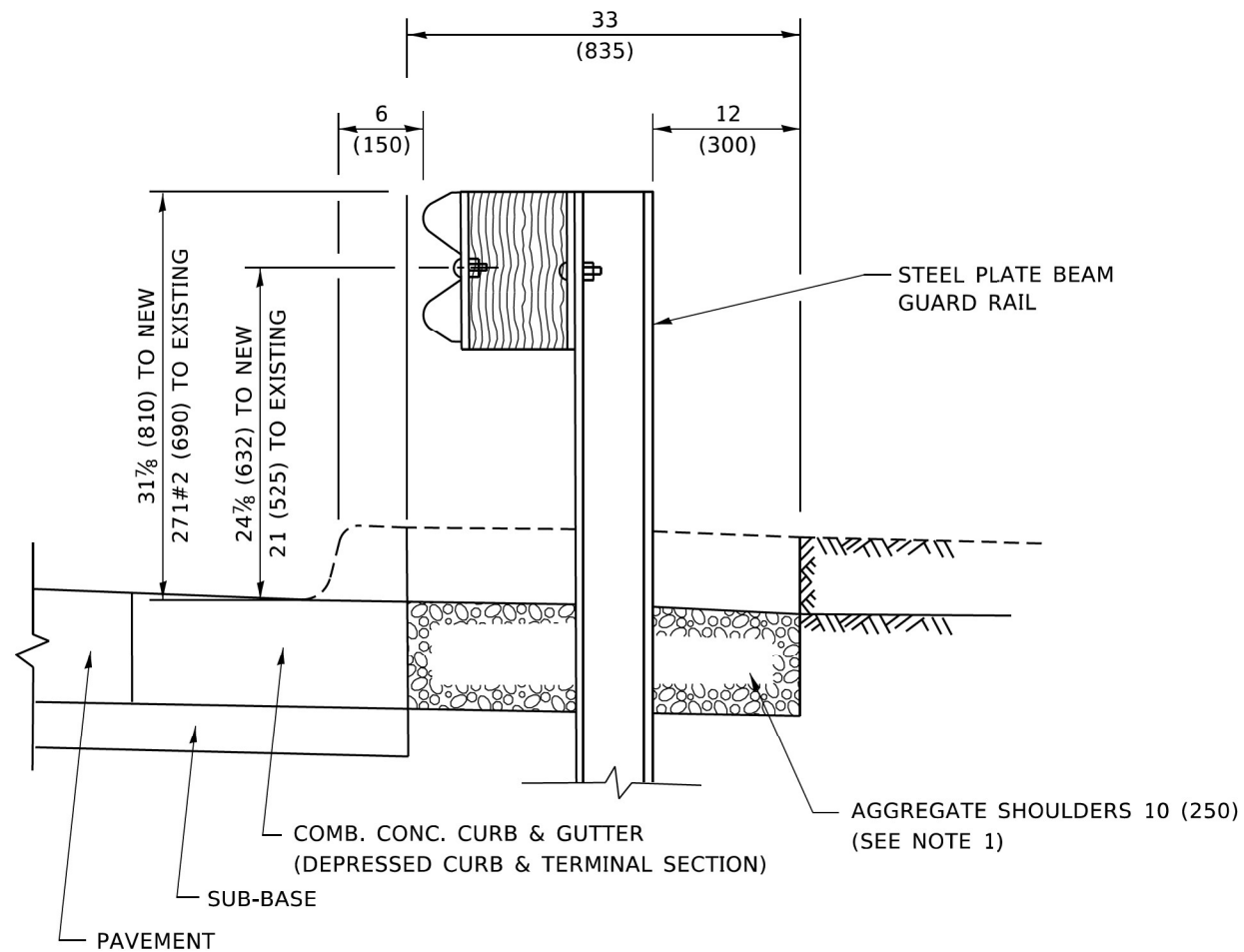
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	23
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				

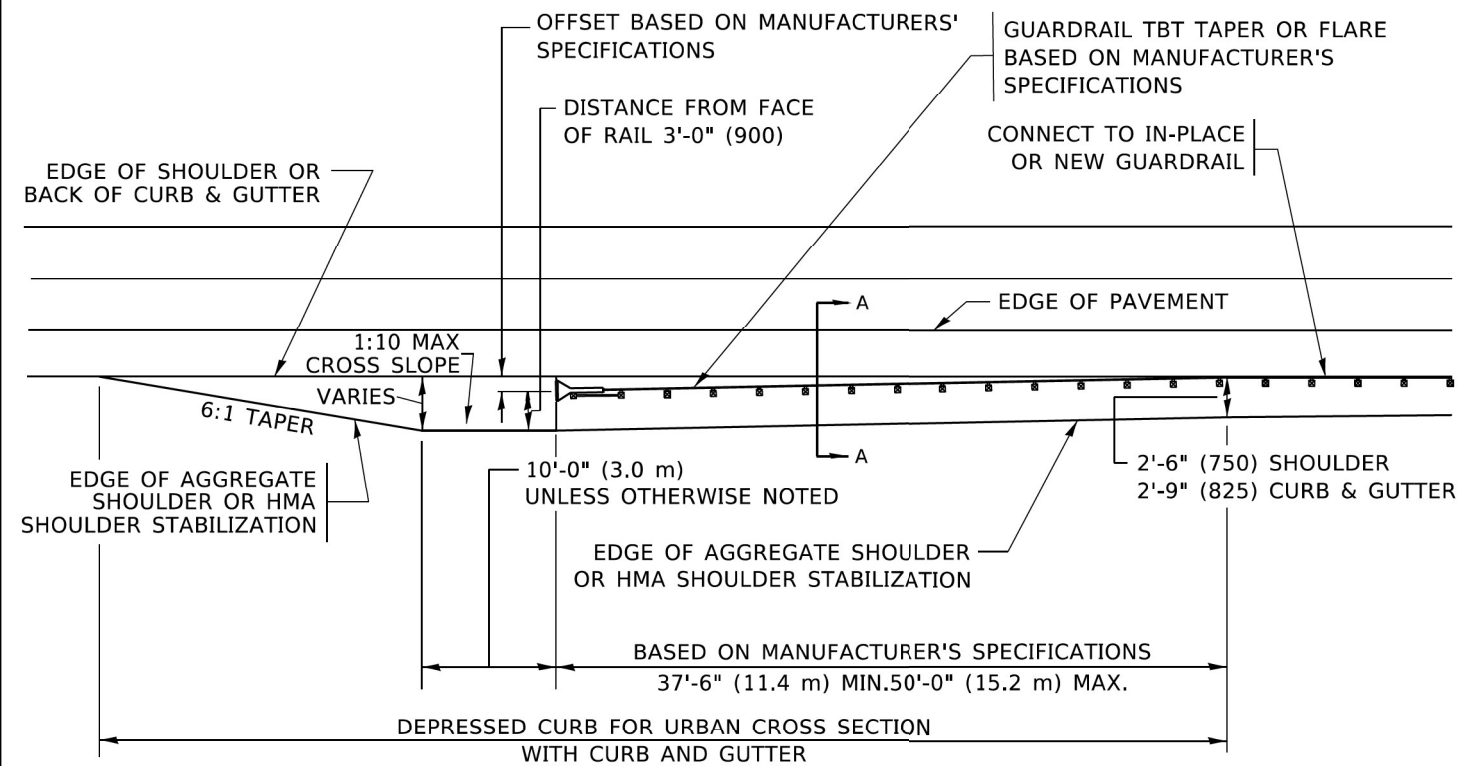


SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE EXISTING GUARDRAIL HEIGHT SHALL TRANSITION TO MATCH THE NEW TERMINAL END SECTION AND SHALL BE PAID FOR AS VERTICAL ADJUSTMENT OF EXISTING GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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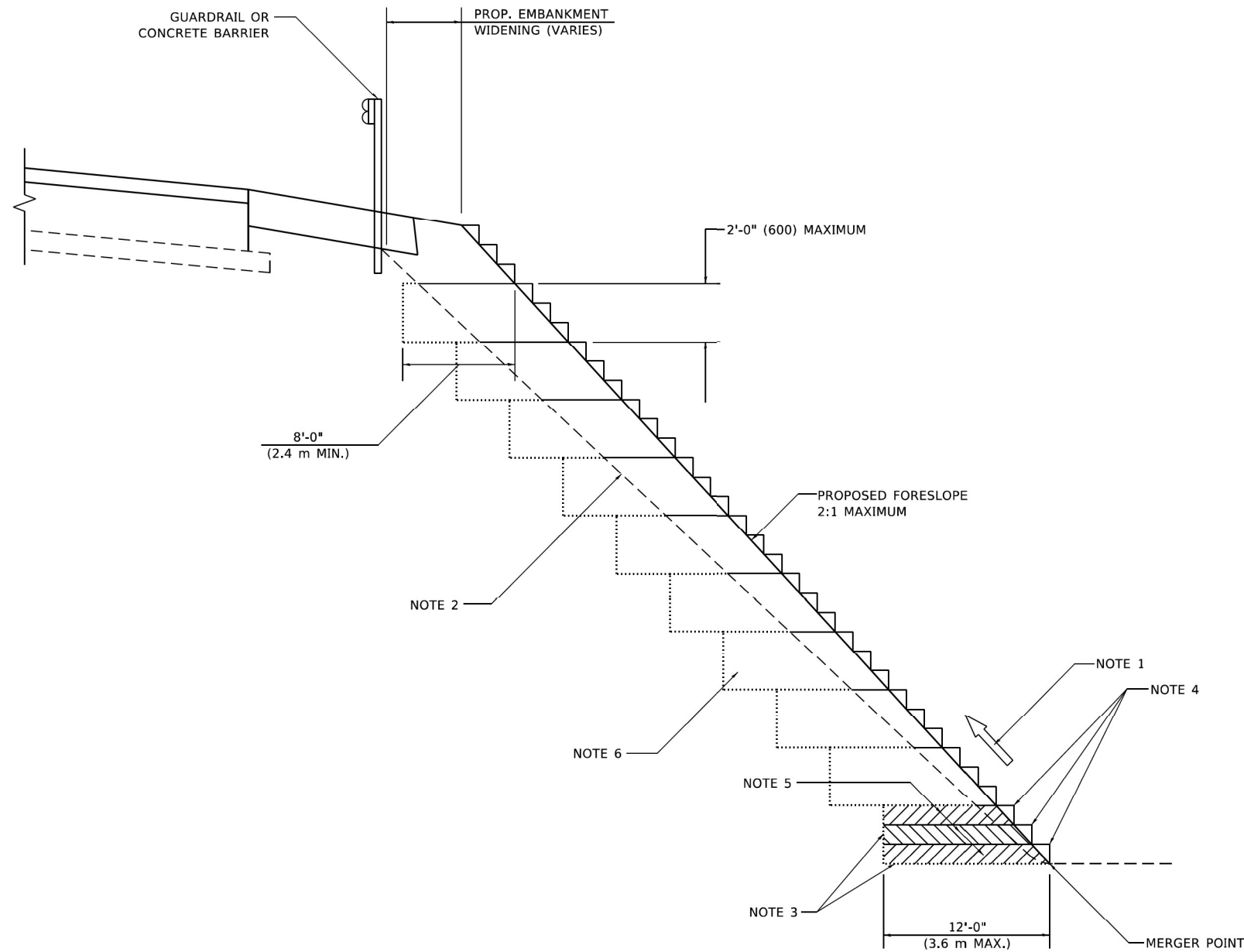
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS		44	24
BD600-10 (BD-34)		CONTRACT NO. 62R40		
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

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

BASIS OF PAYMENT

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

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

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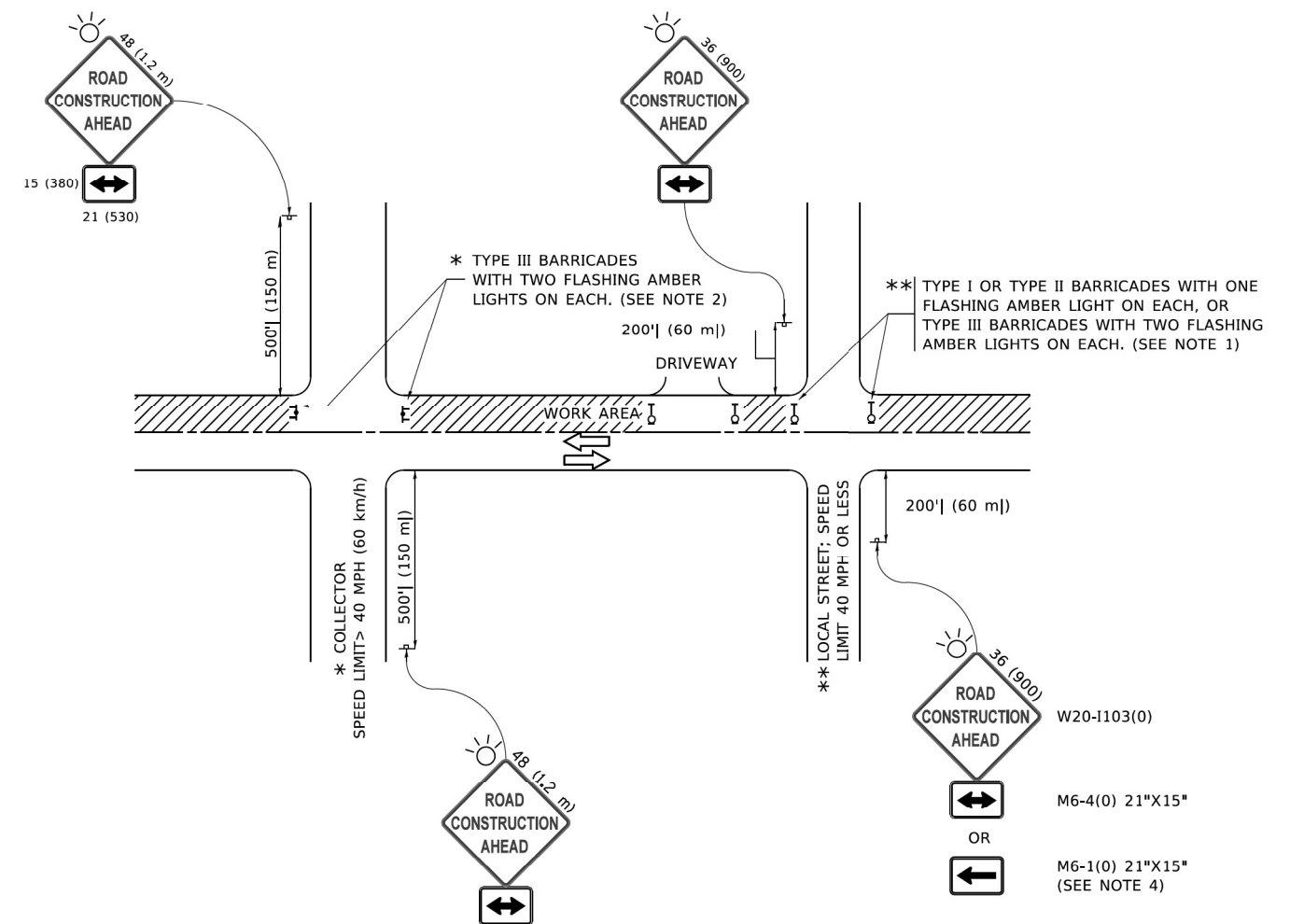
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PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	25
BD-51			CONTRACT NO. 62R40	
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. 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.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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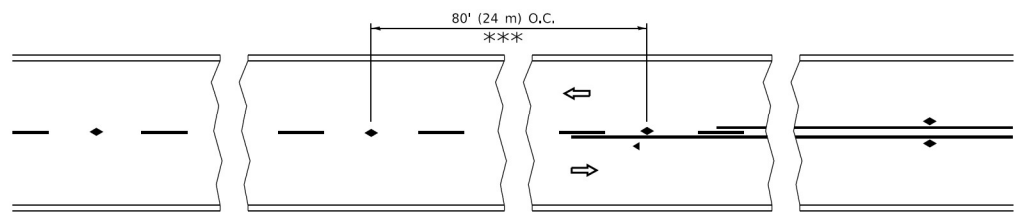
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

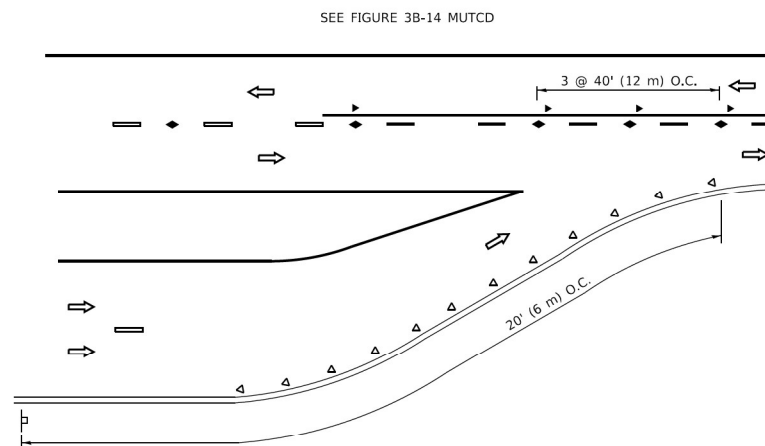
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ILLINOIS FED. AID PROJECT				

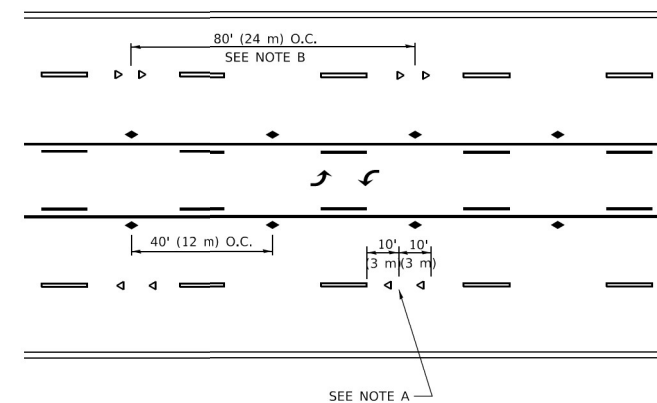


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

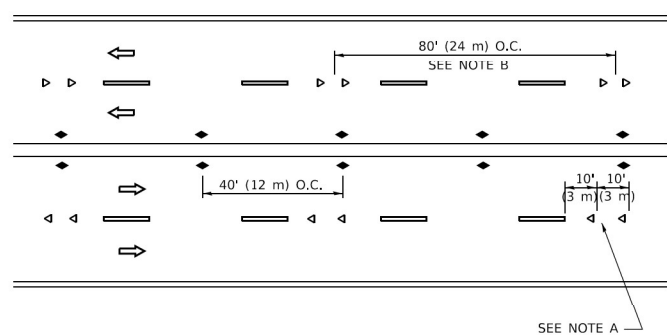
TWO-LANE/TWO-WAY



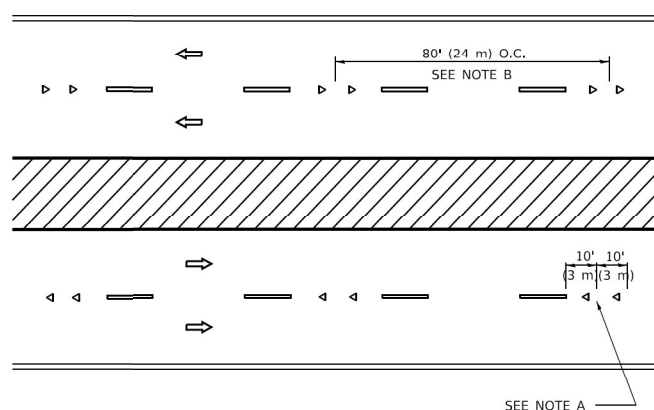
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

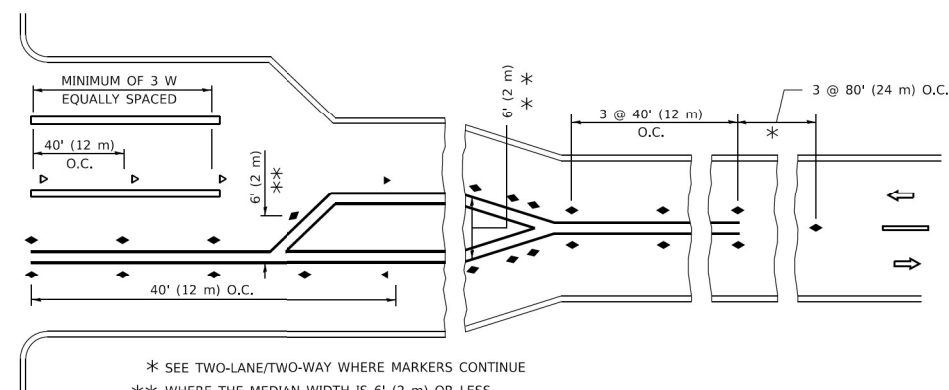
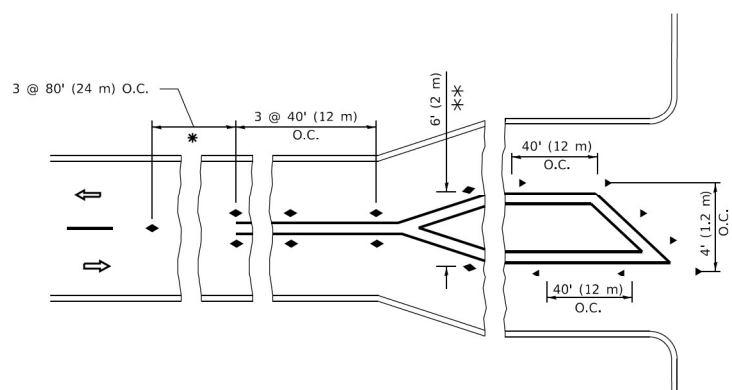
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	28
TC-11			CONTRACT NO. 62R40	
ILLINOIS FED. AID PROJECT				

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ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

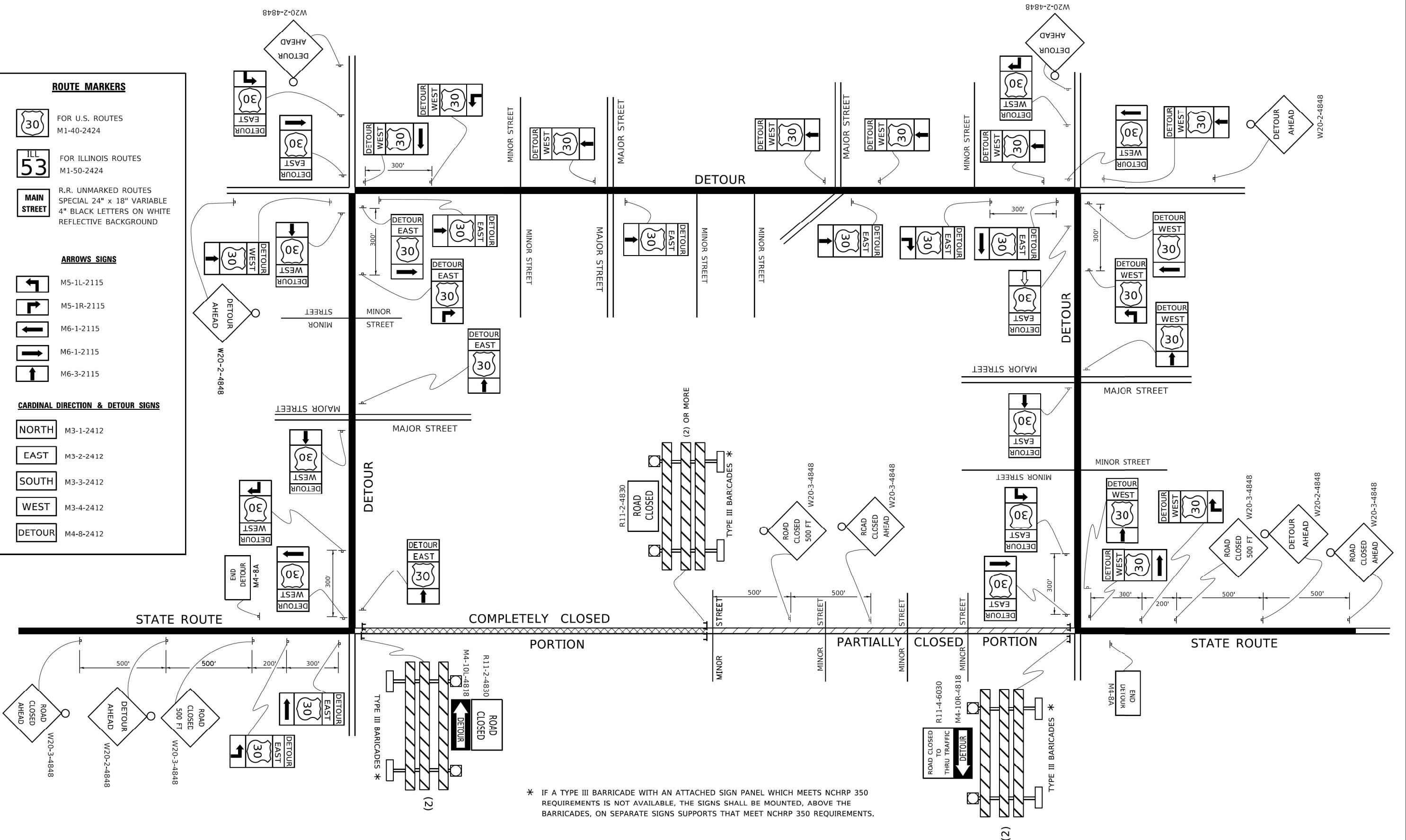
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE. 55	SECTION FR 55 2021 RS	COUNTY DUPAGE	TOTAL SHEETS 44	SHEET NO. 31
TC-21		CONTRACT NO. 62R40		
ILLINOIS FED. AID PROJECT				

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EFK Moen
Civil Engineering Design

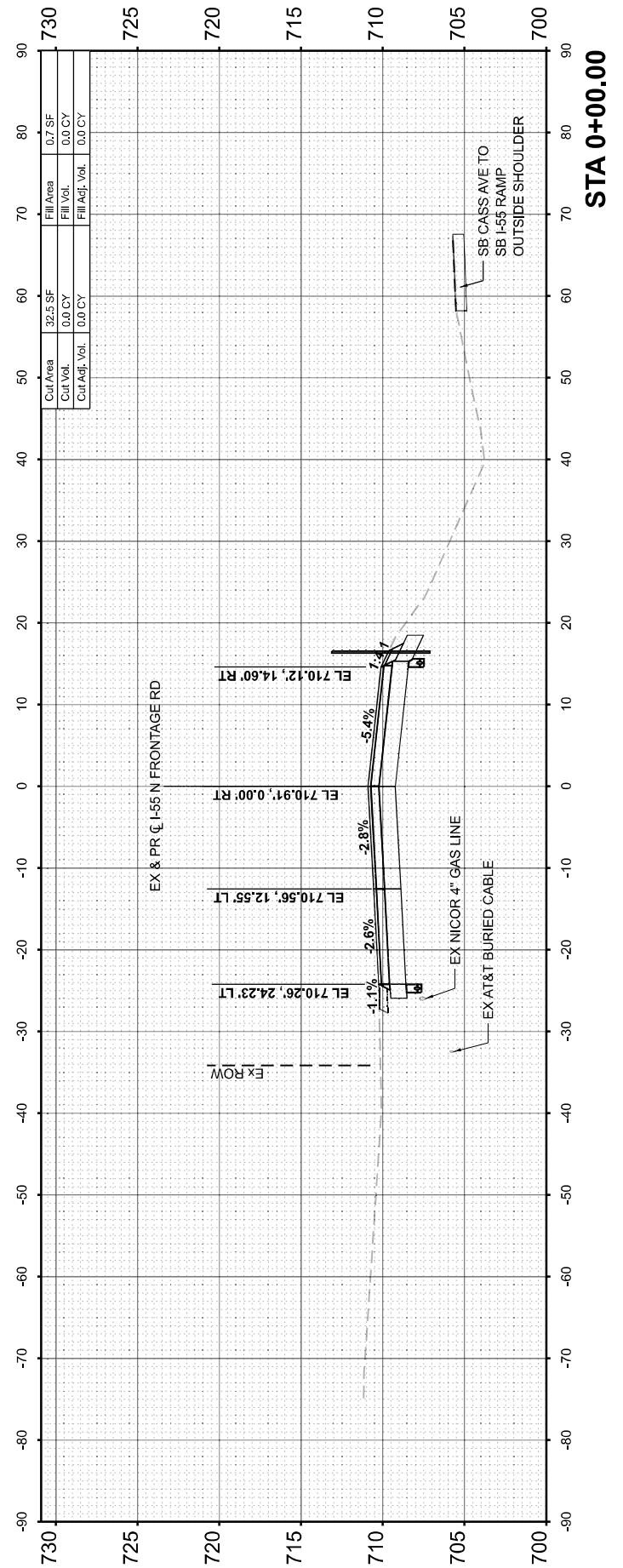
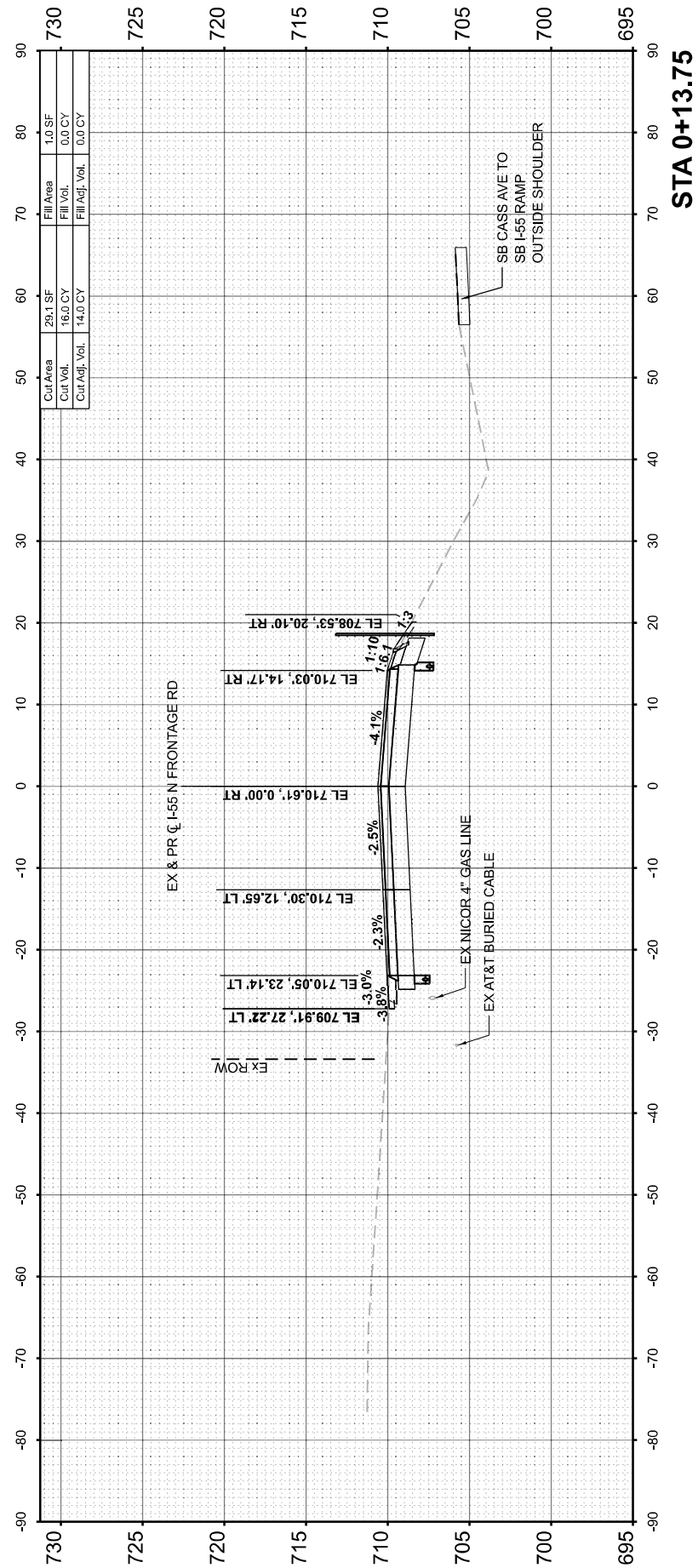
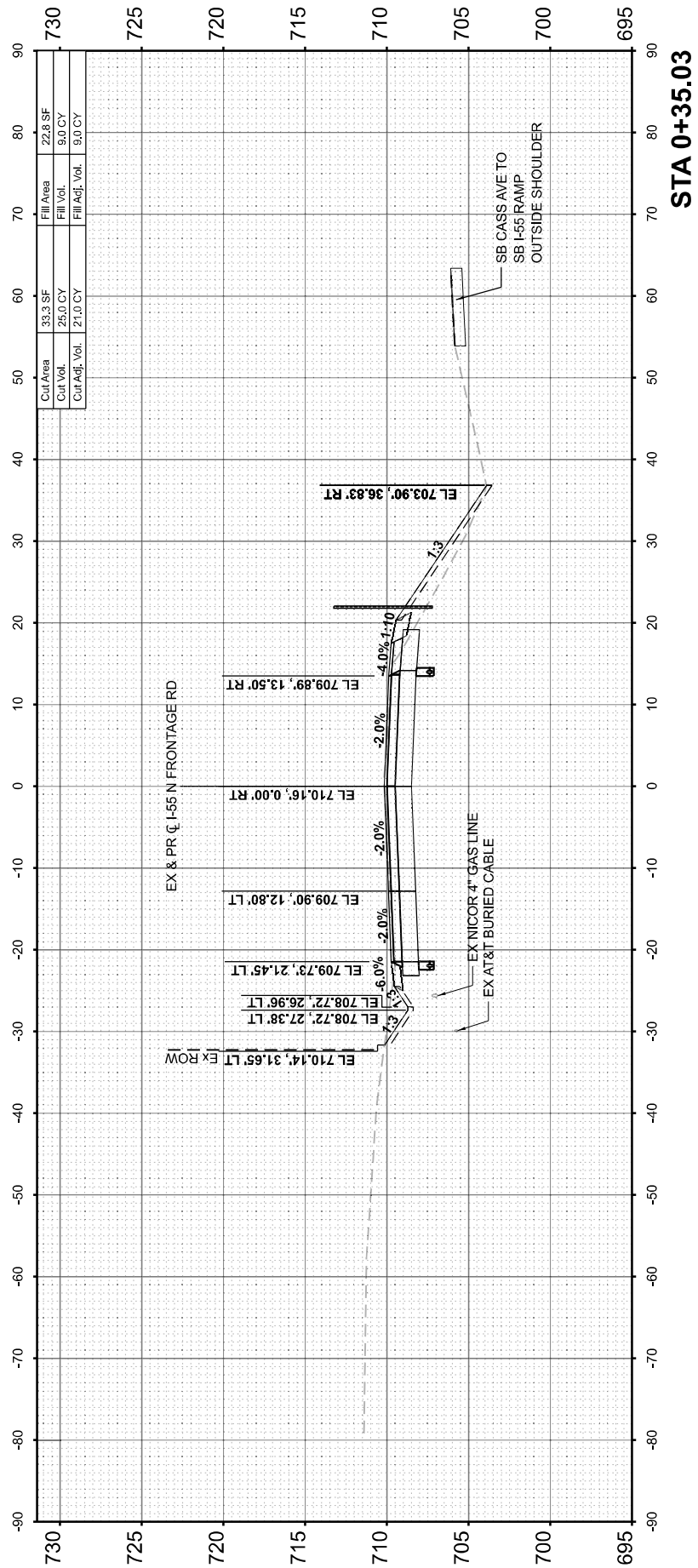
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	33
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
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EFK Moen
Civil Engineering Design

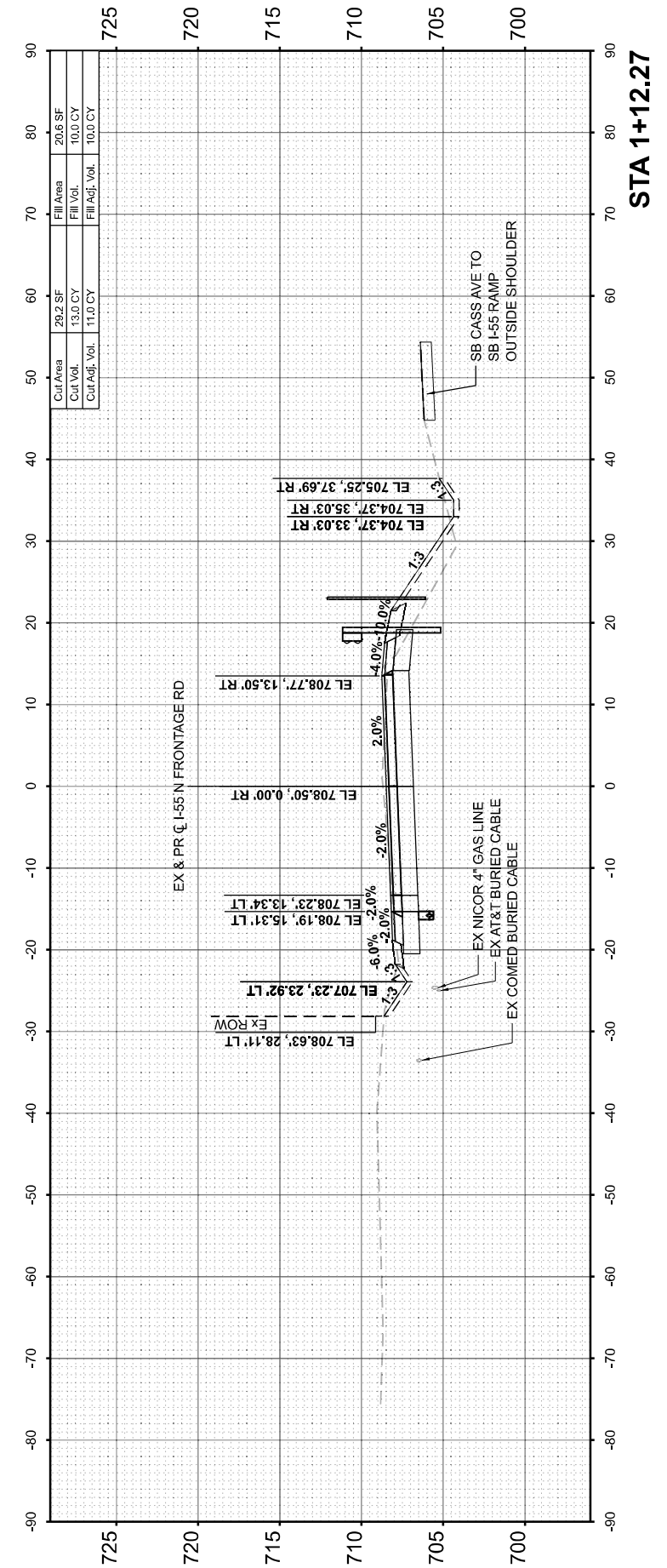
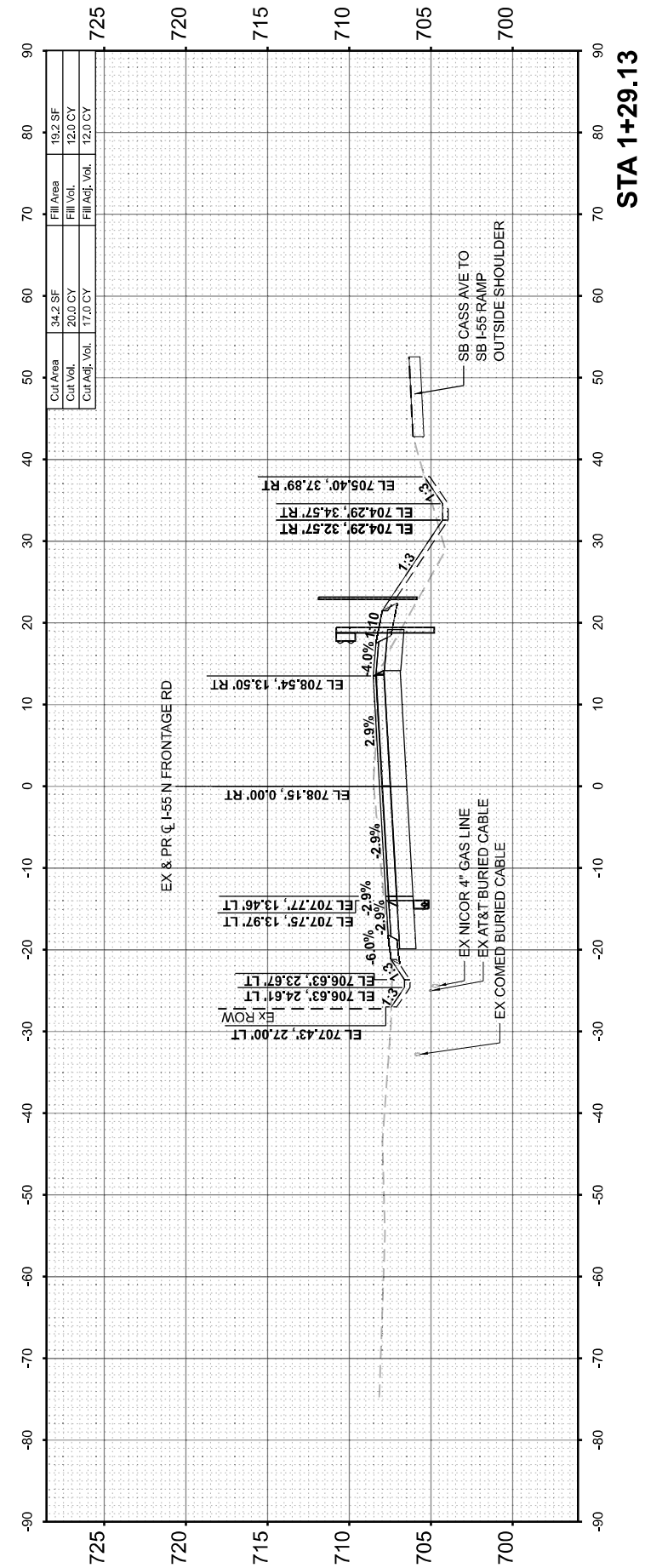
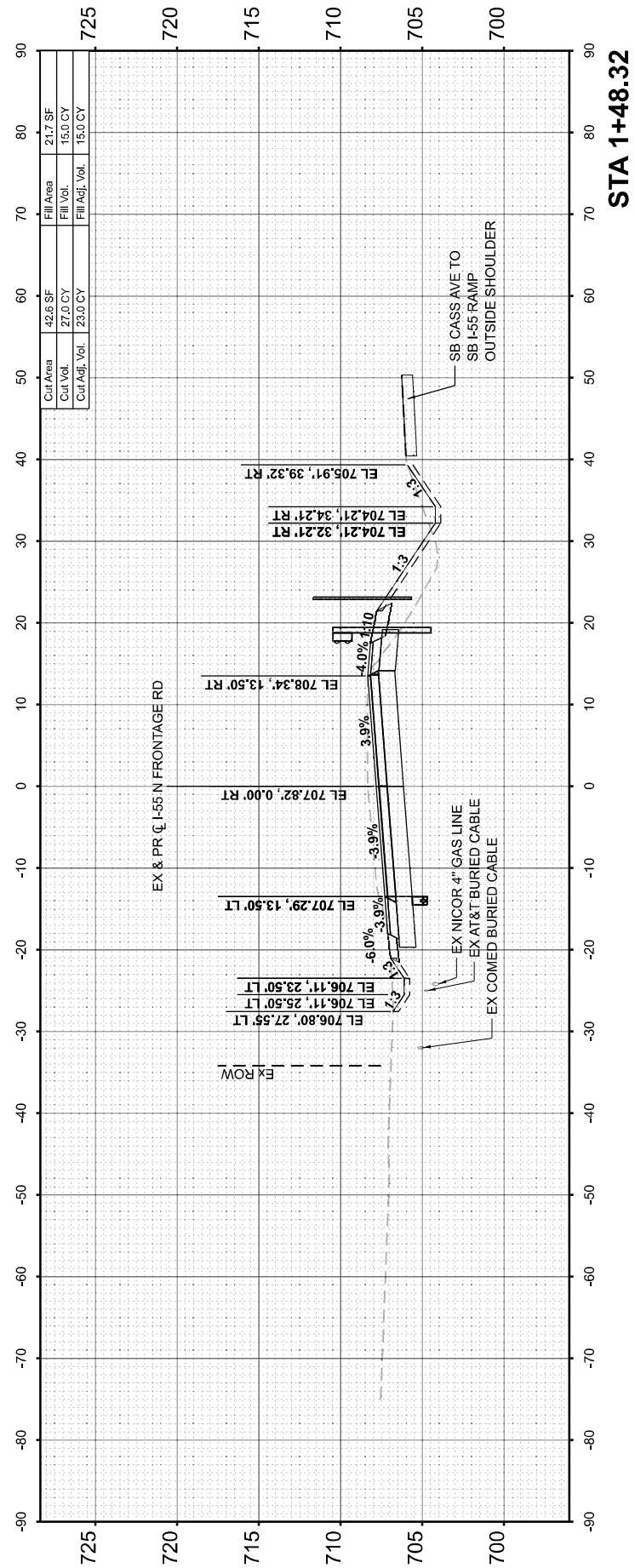
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	35
CONTRACT NO. 62R40			ILLINOIS FED. AID PROJECT	



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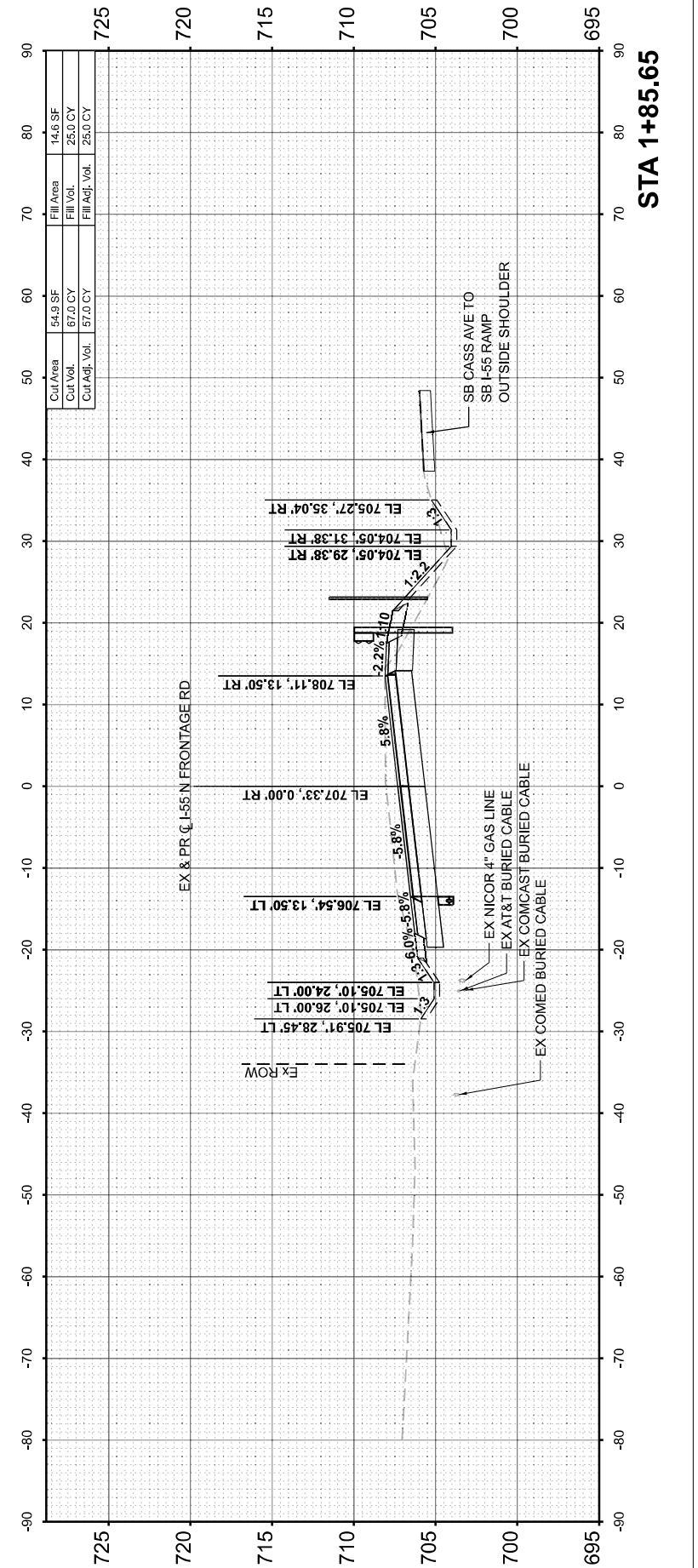
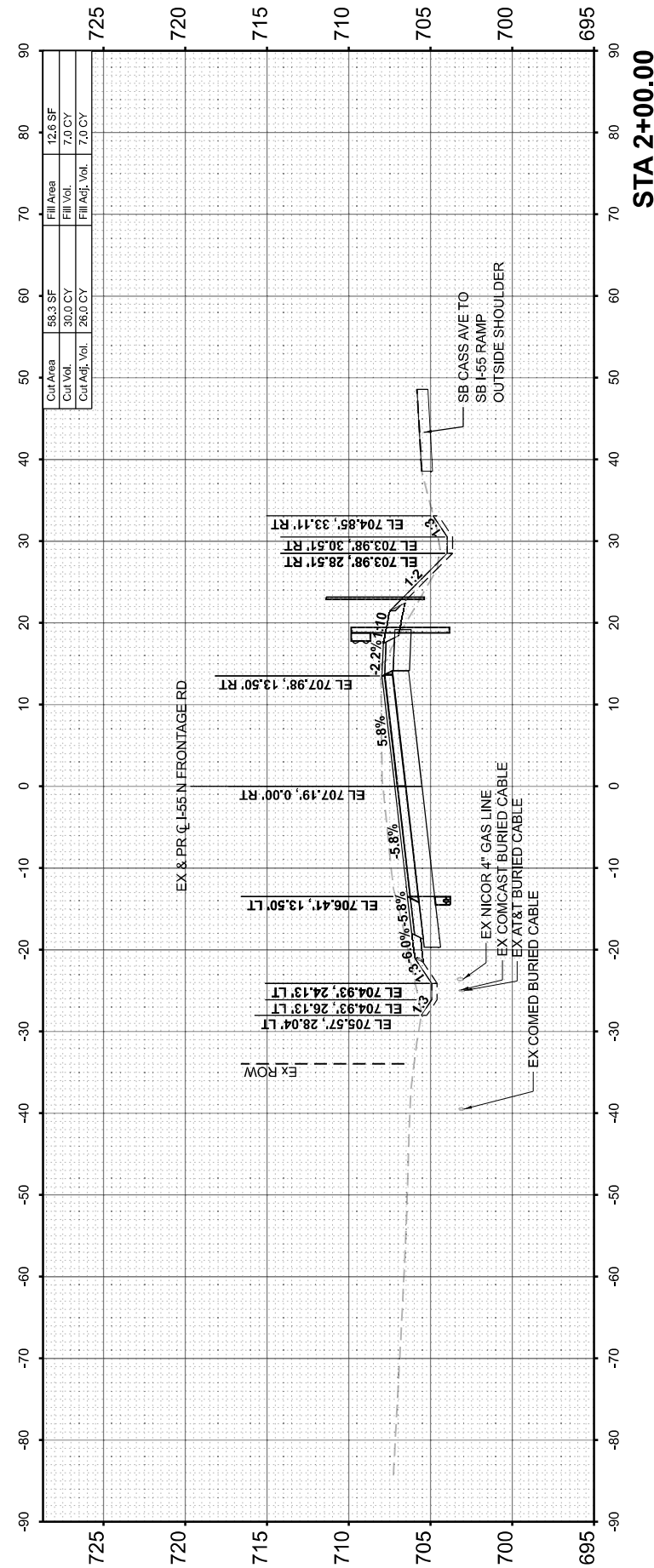
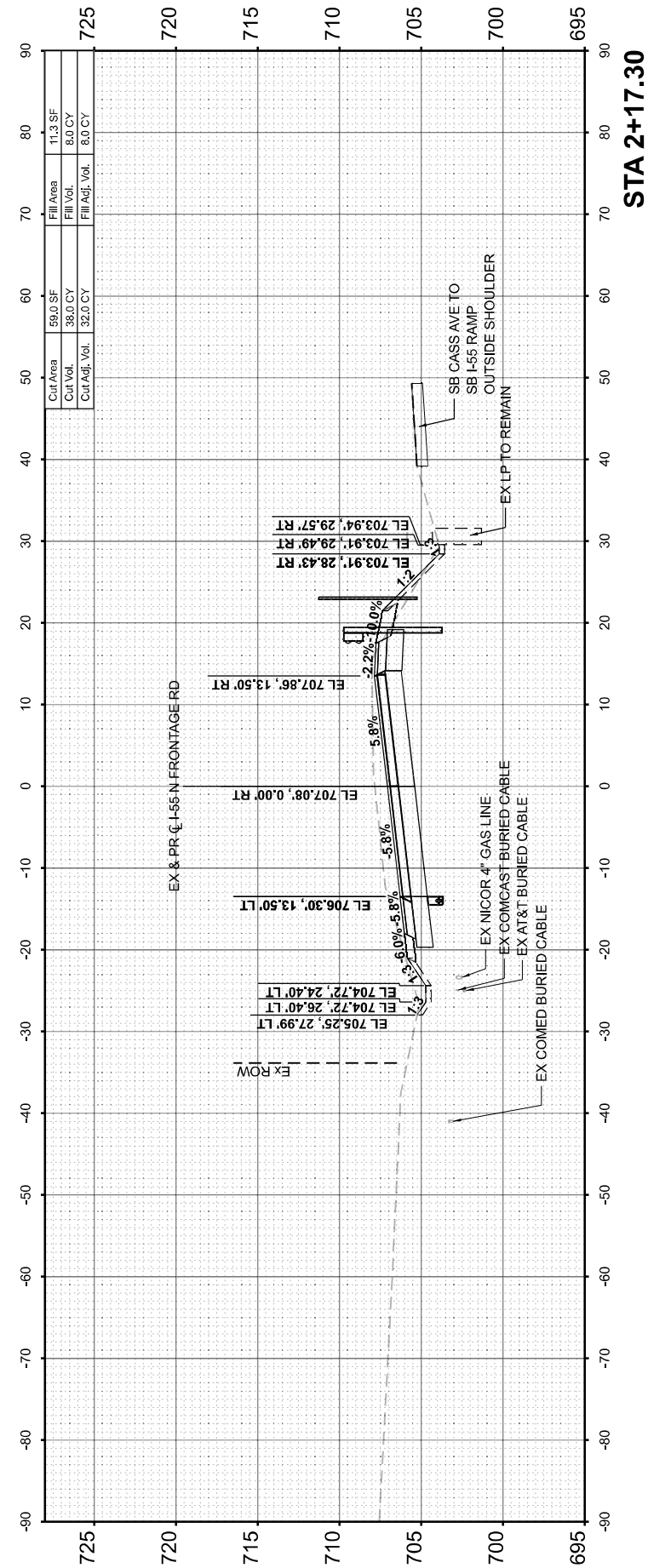
EFK Moen
Civil Engineering Design

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
I-55 N FRONTAGE RD AT CASS AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	36
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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EFK Moen
Civil Engineering Design

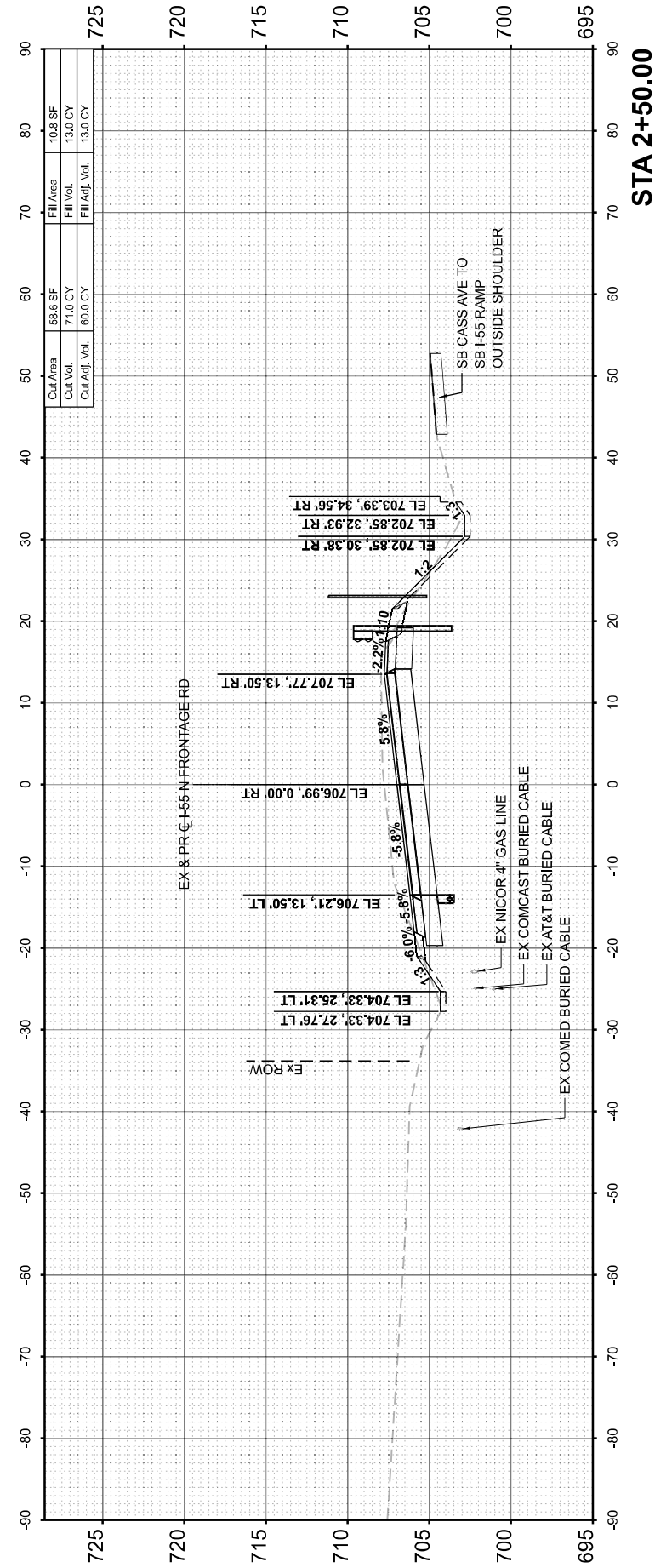
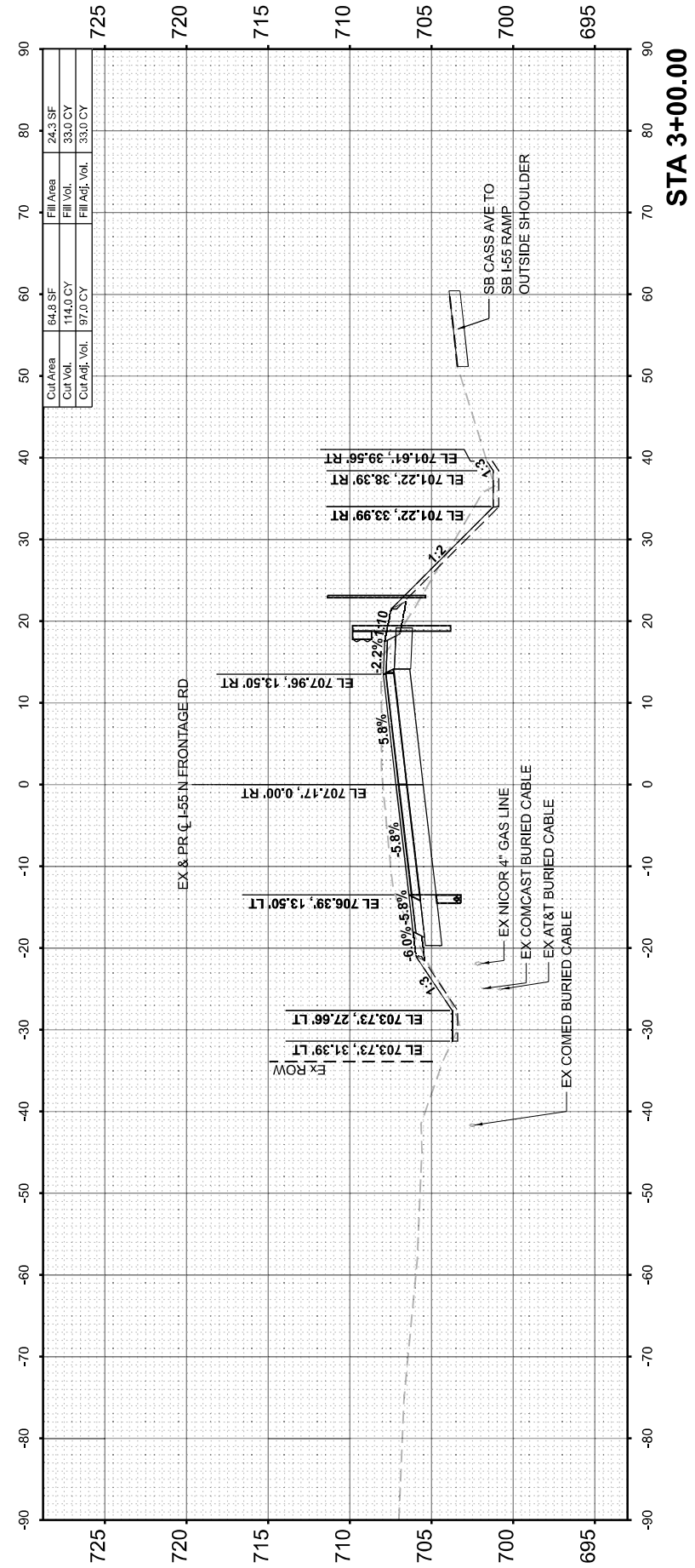
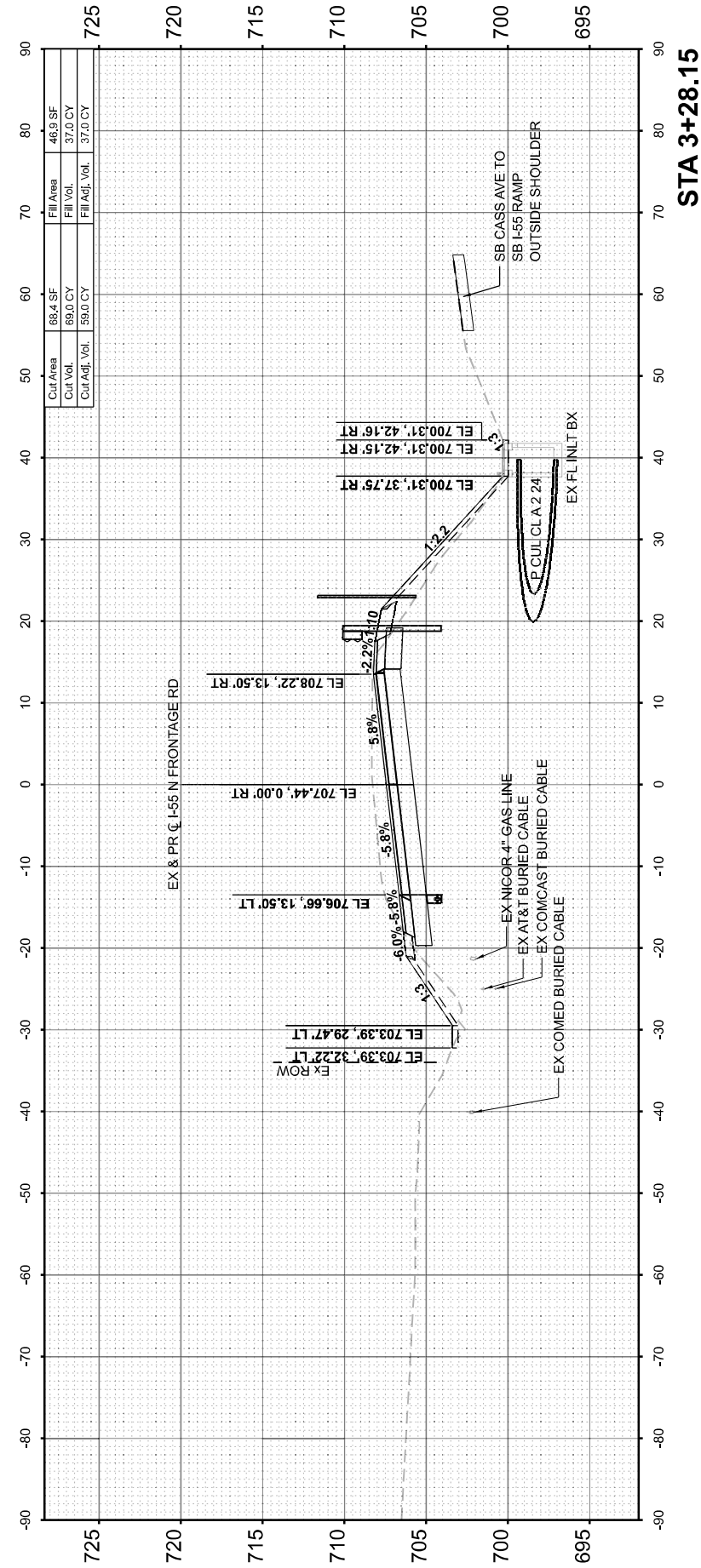
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	37
CONTRACT NO. 62R40			ILLINOIS FED. AID PROJECT	



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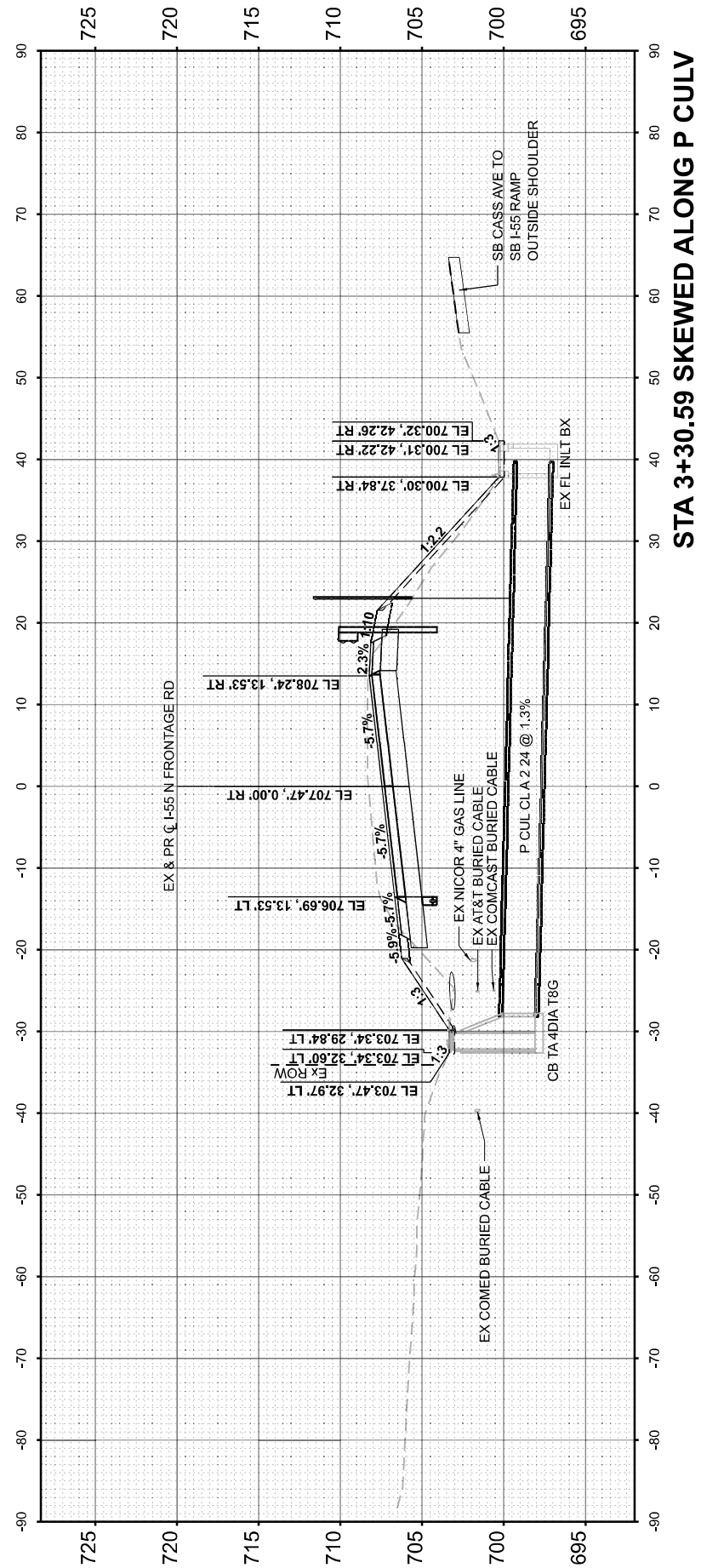
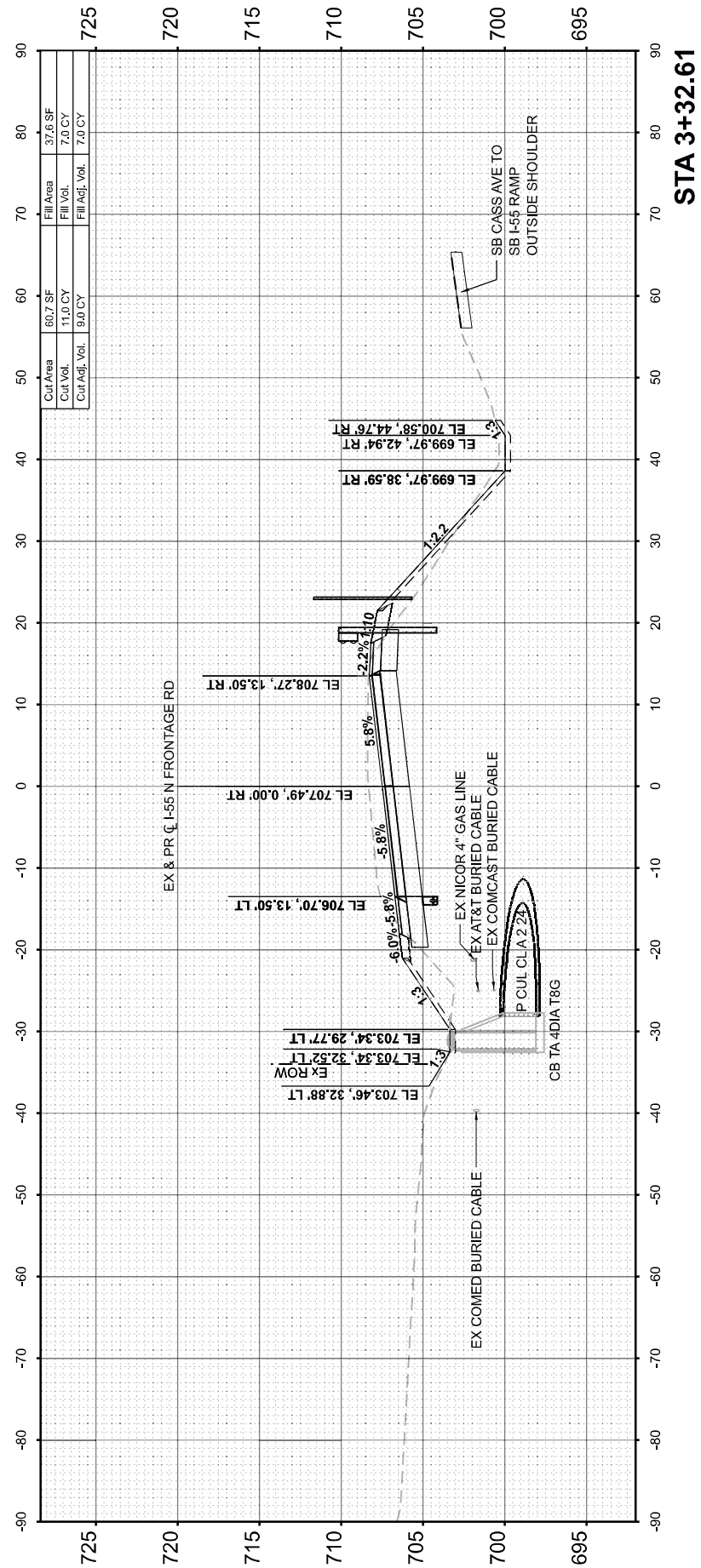
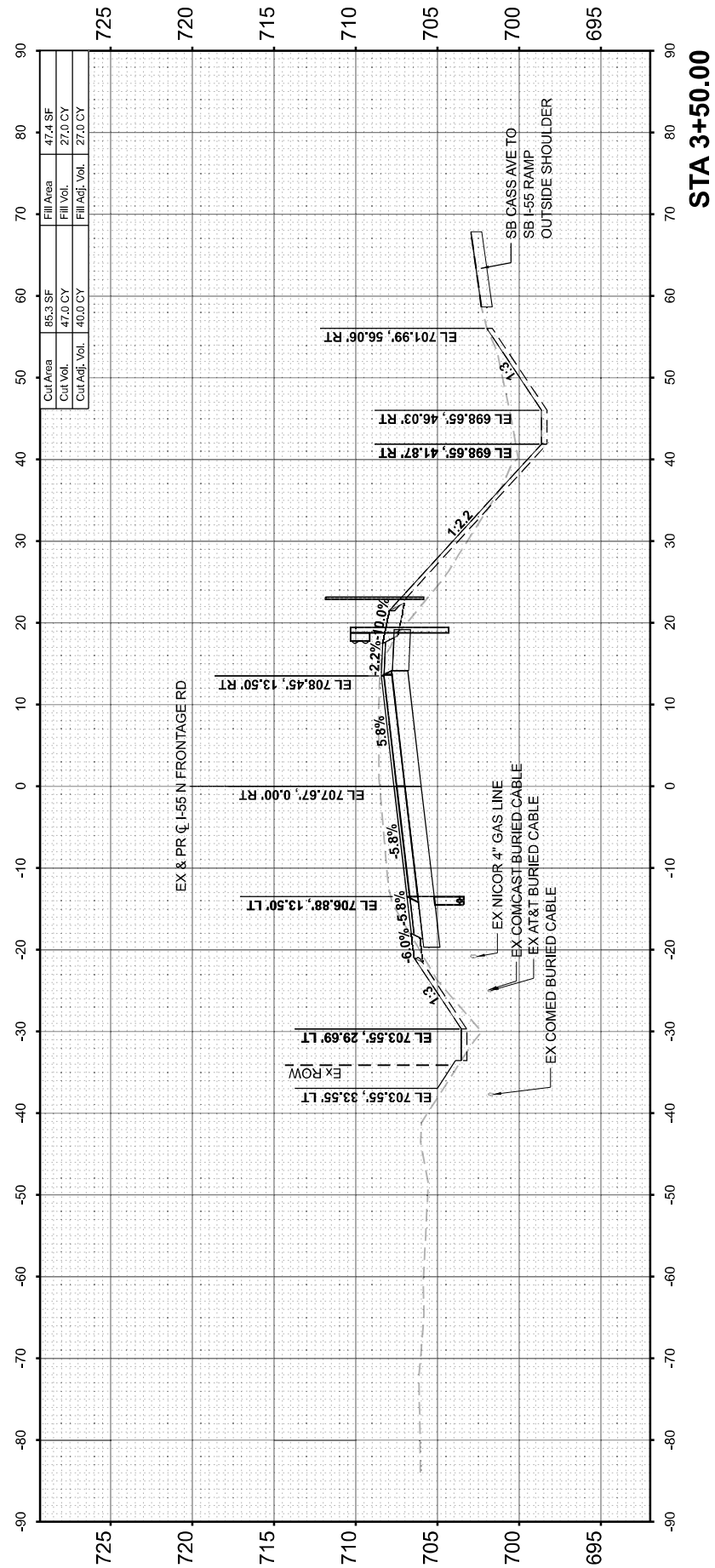


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
I-55 N FRONTAGE RD AT CASS AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	38
CONTRACT NO. 62R40			ILLINOIS FED. AID PROJECT	



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Civil Engineering Design

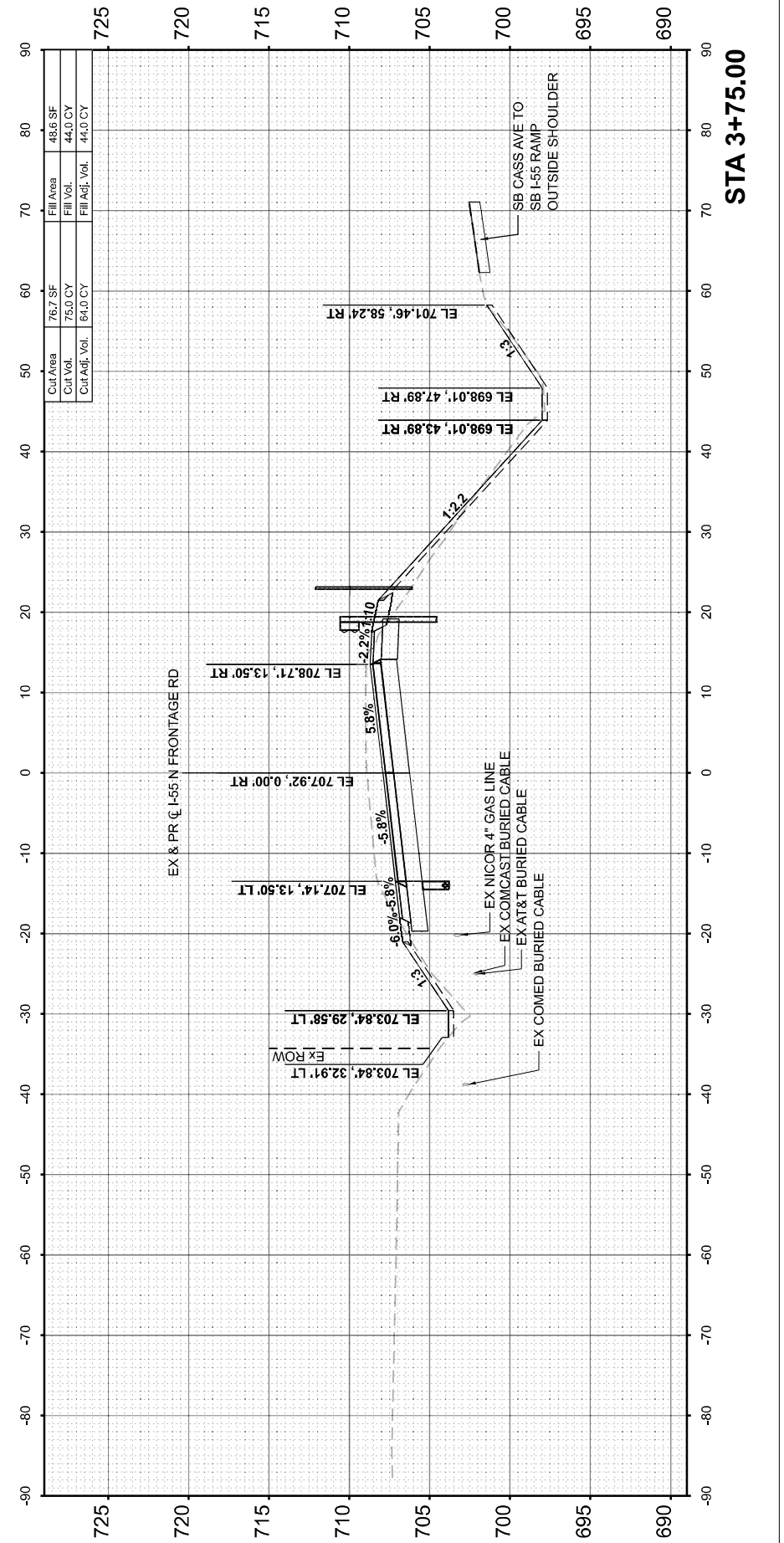
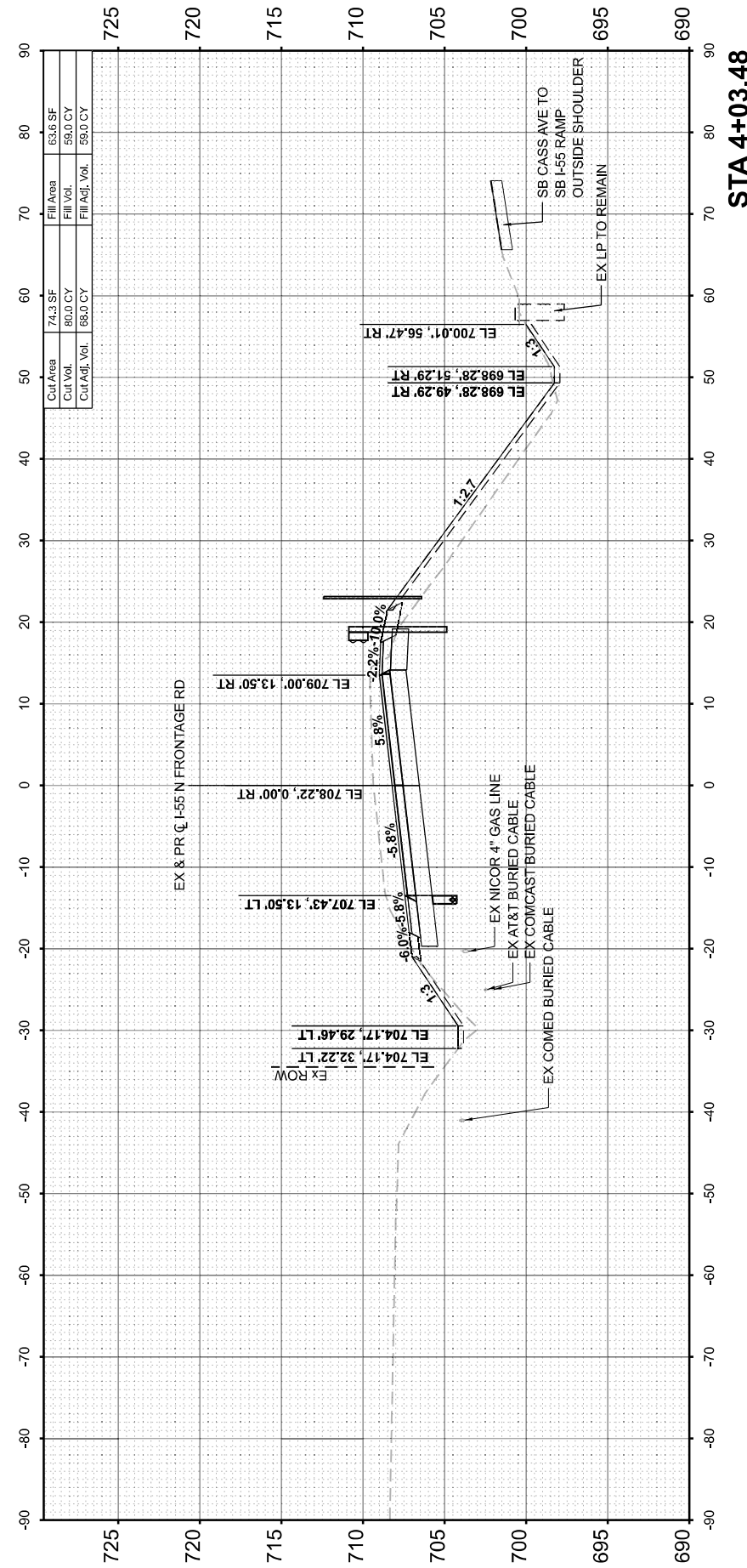
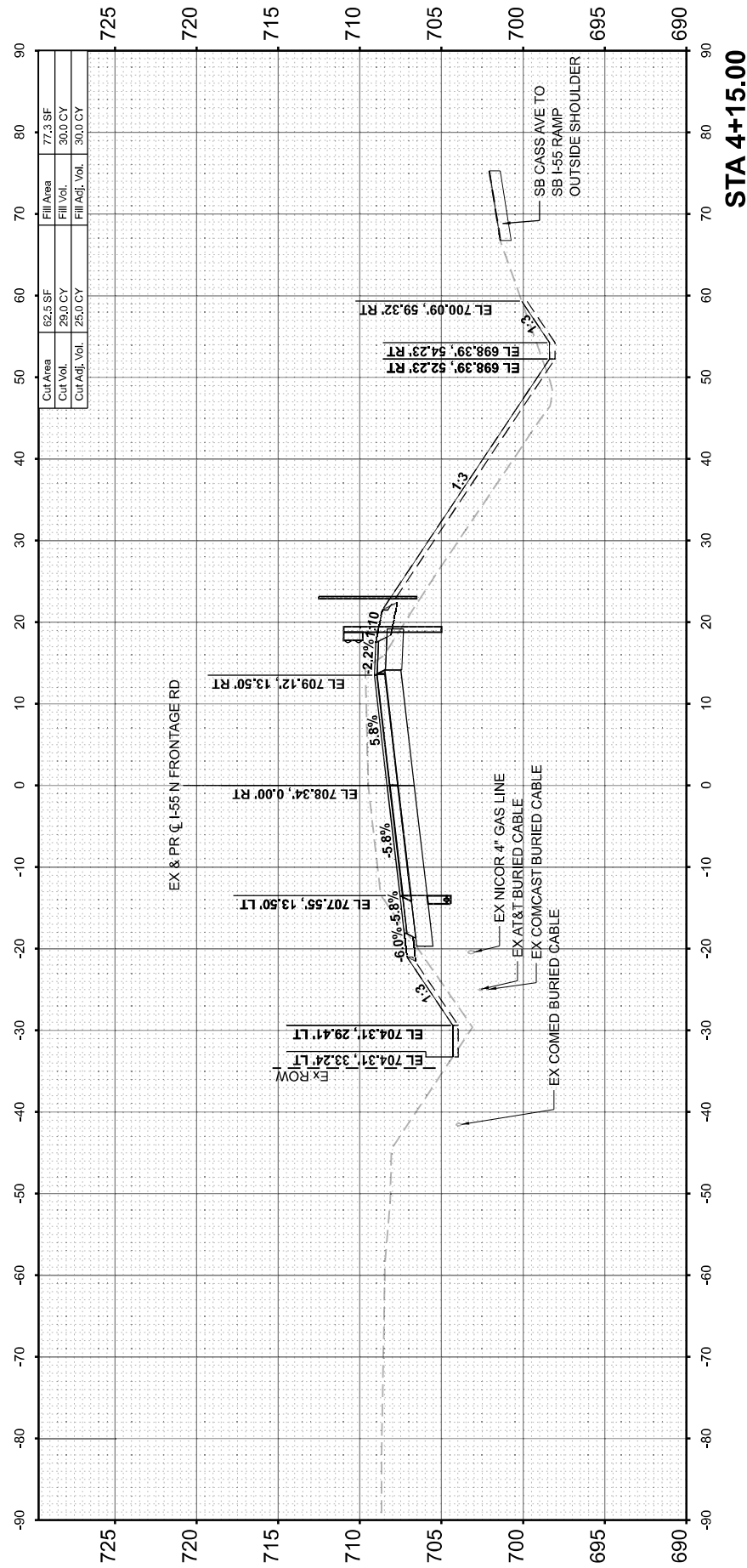
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	DATE - 12/11/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	39
CONTRACT NO. 62R40				
ILLINOIS		FED. AID PROJECT		



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EFK Moen
Civil Engineering Design

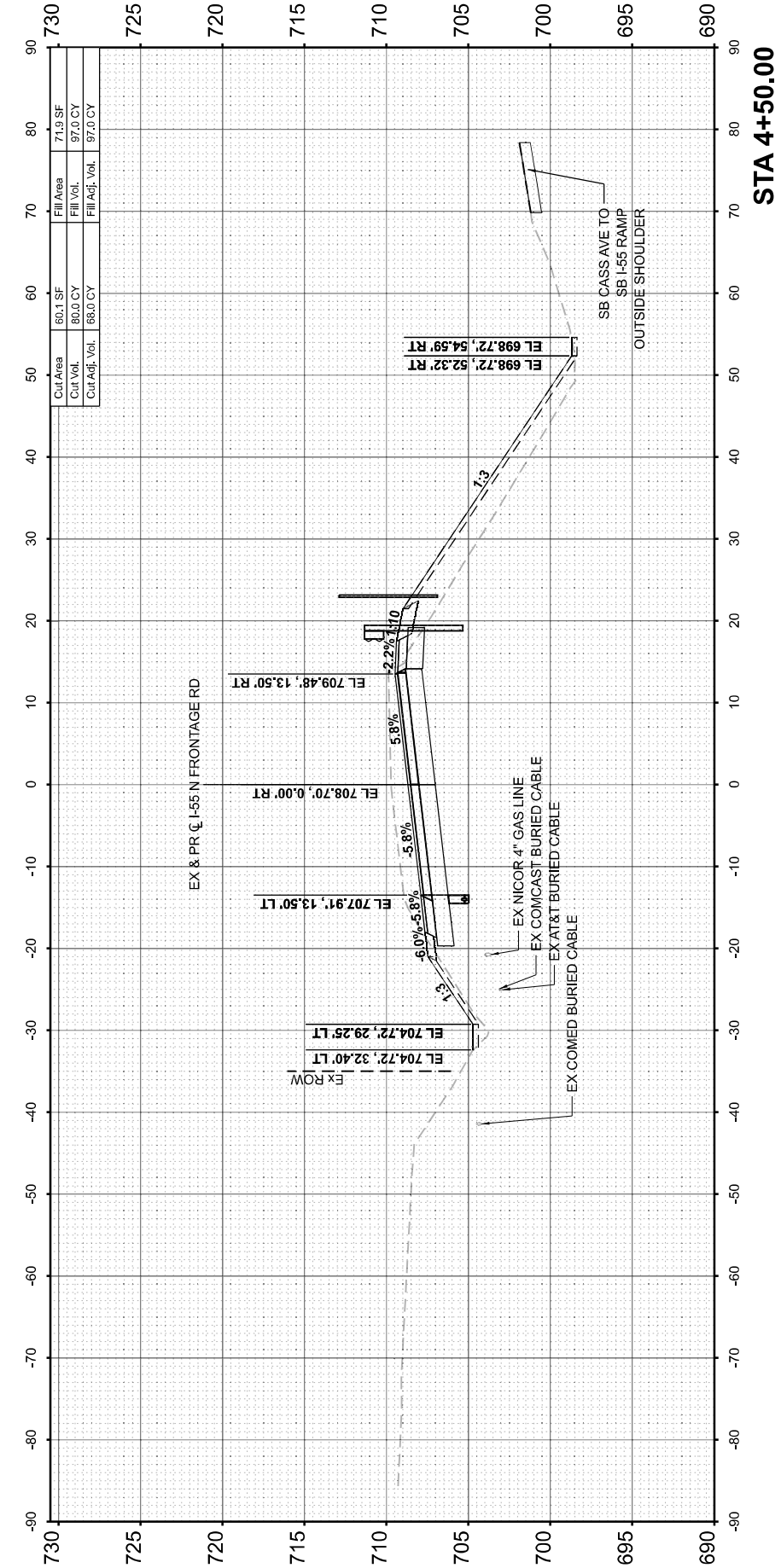
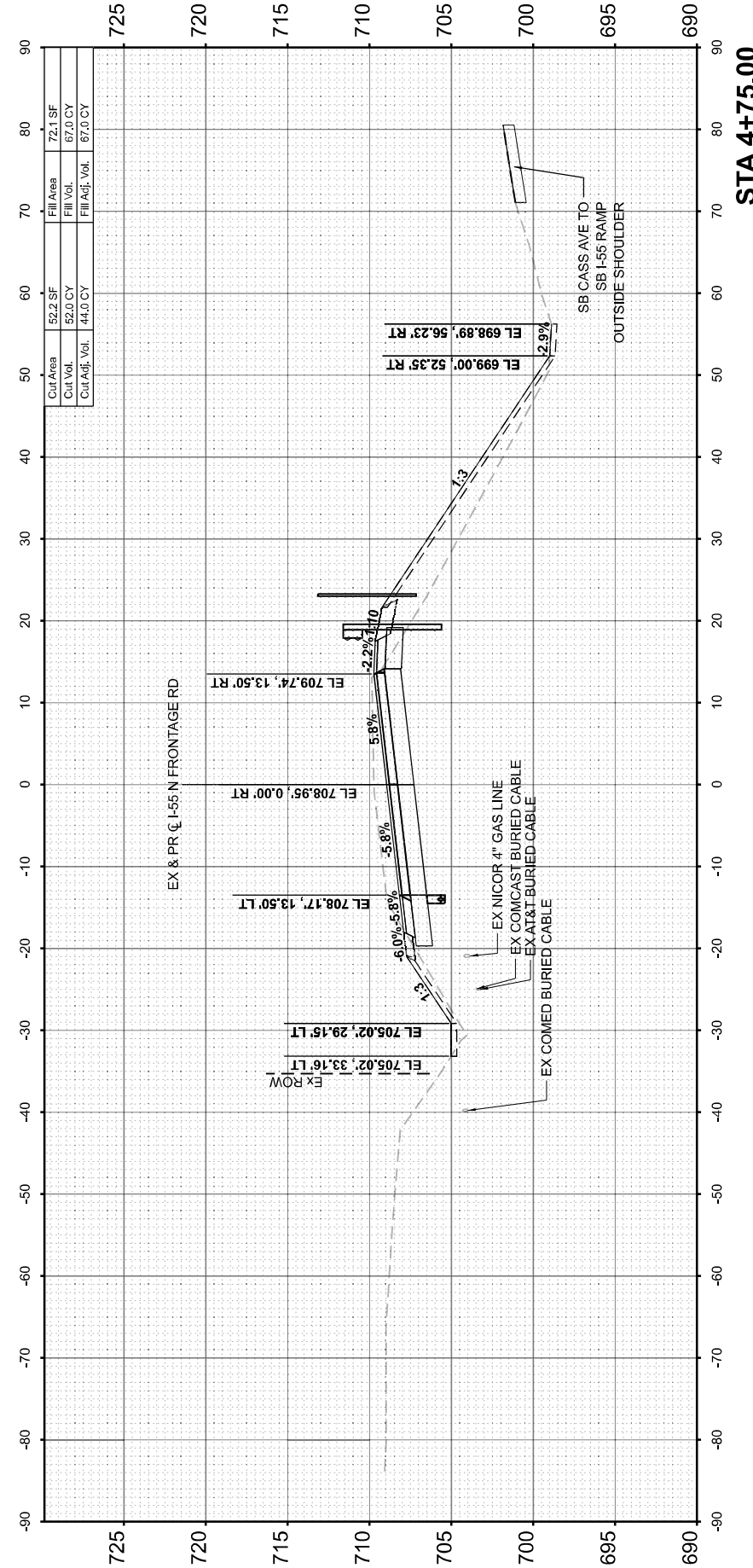
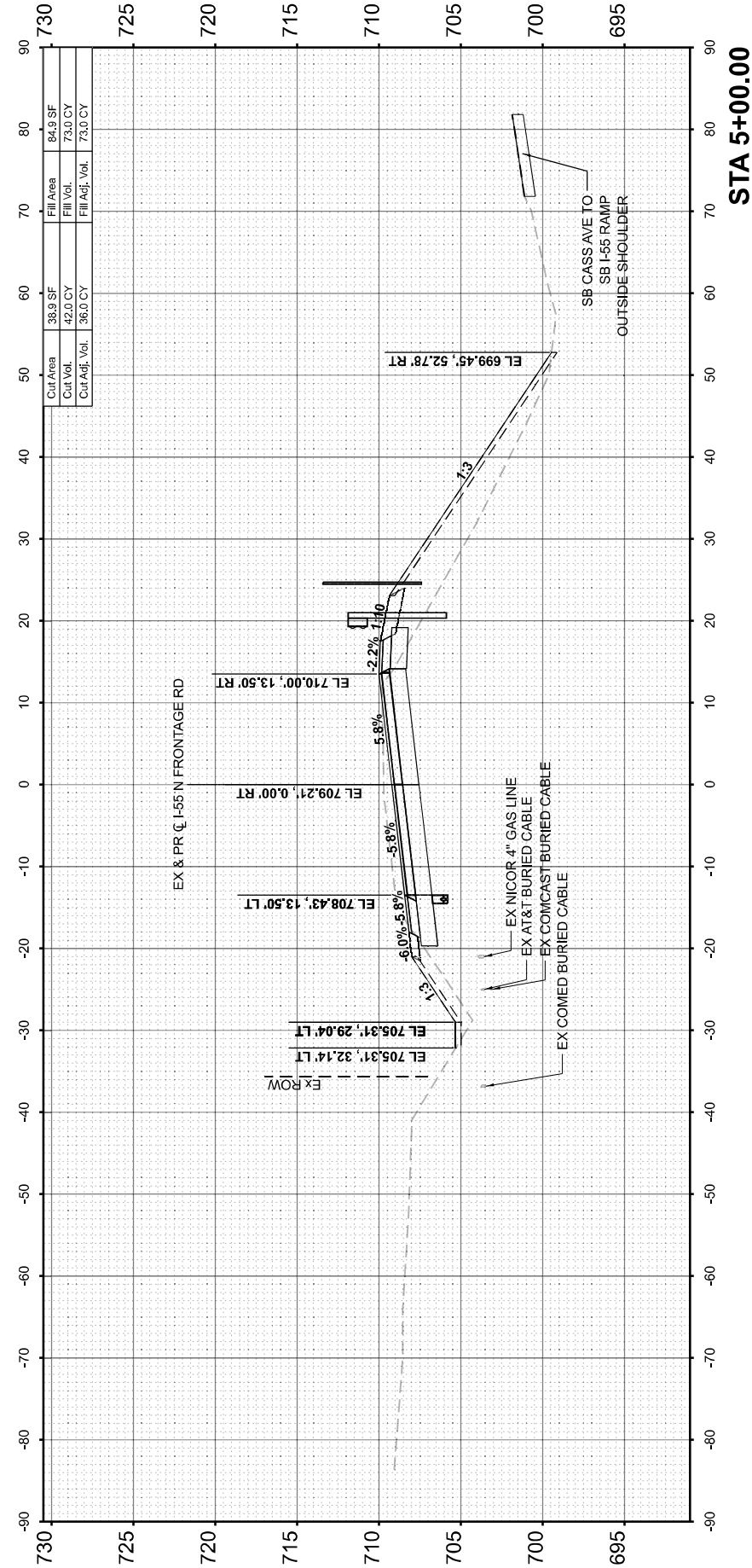
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	40
CONTRACT NO. 62R40				
ILLINOIS		FED. AID PROJECT		



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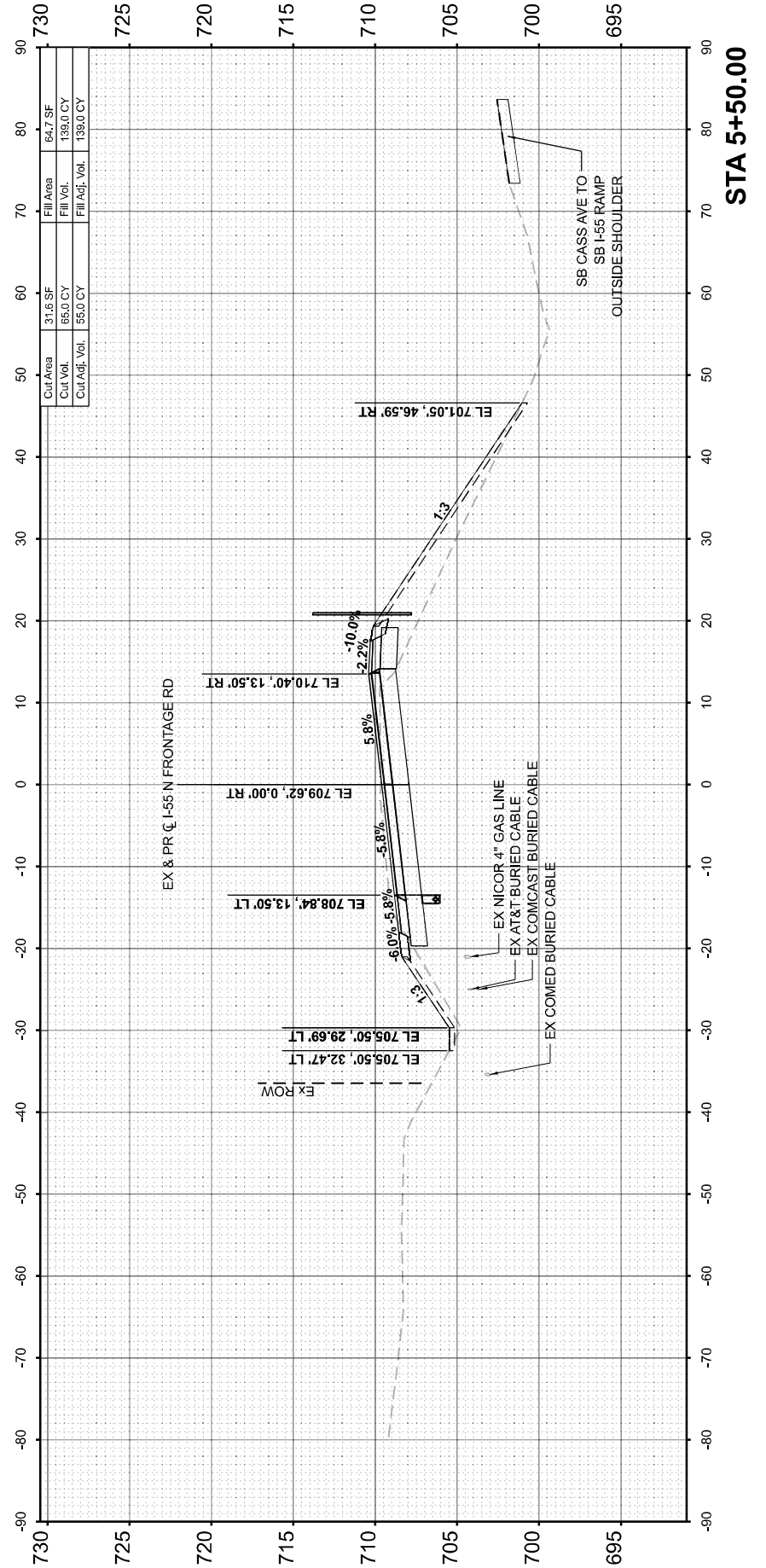
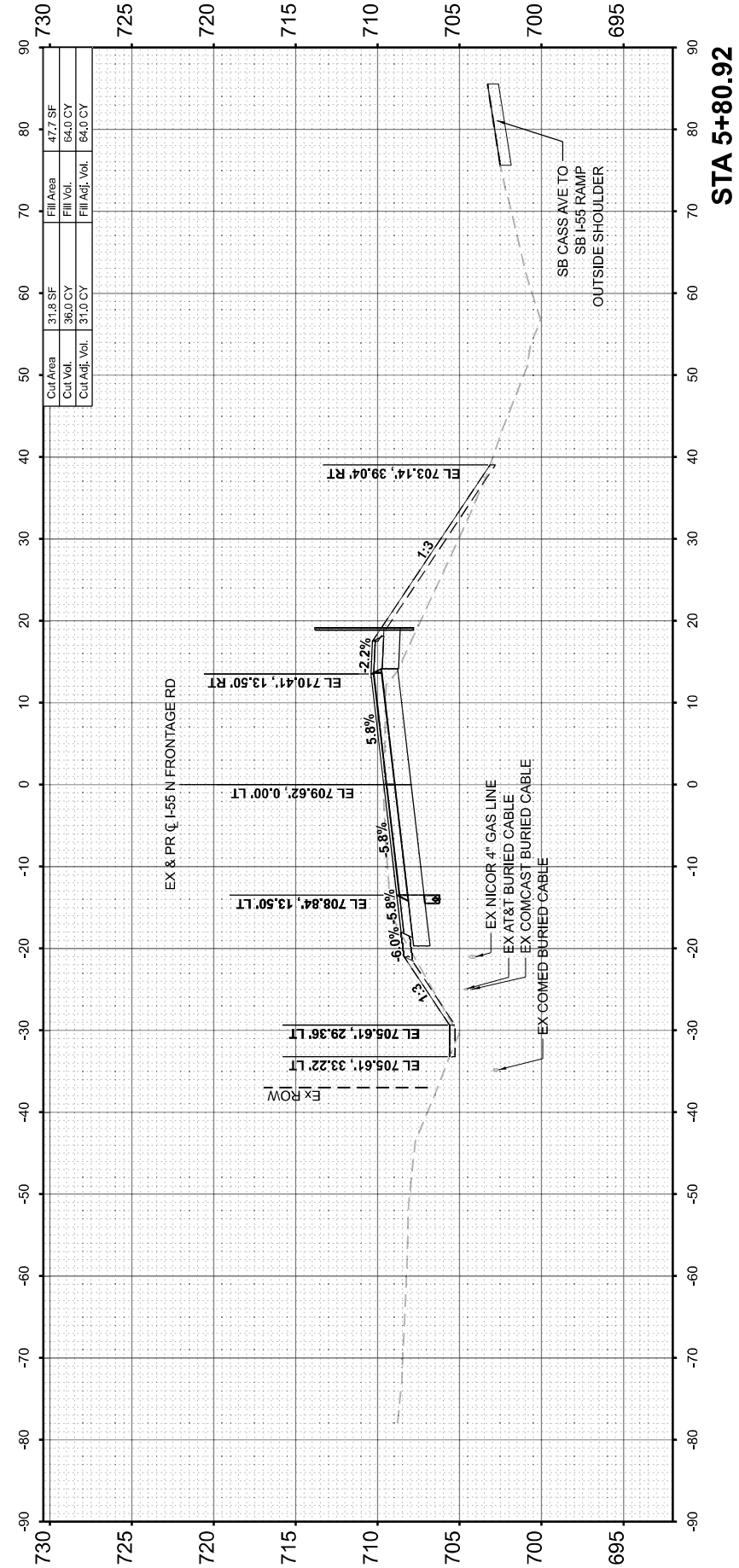
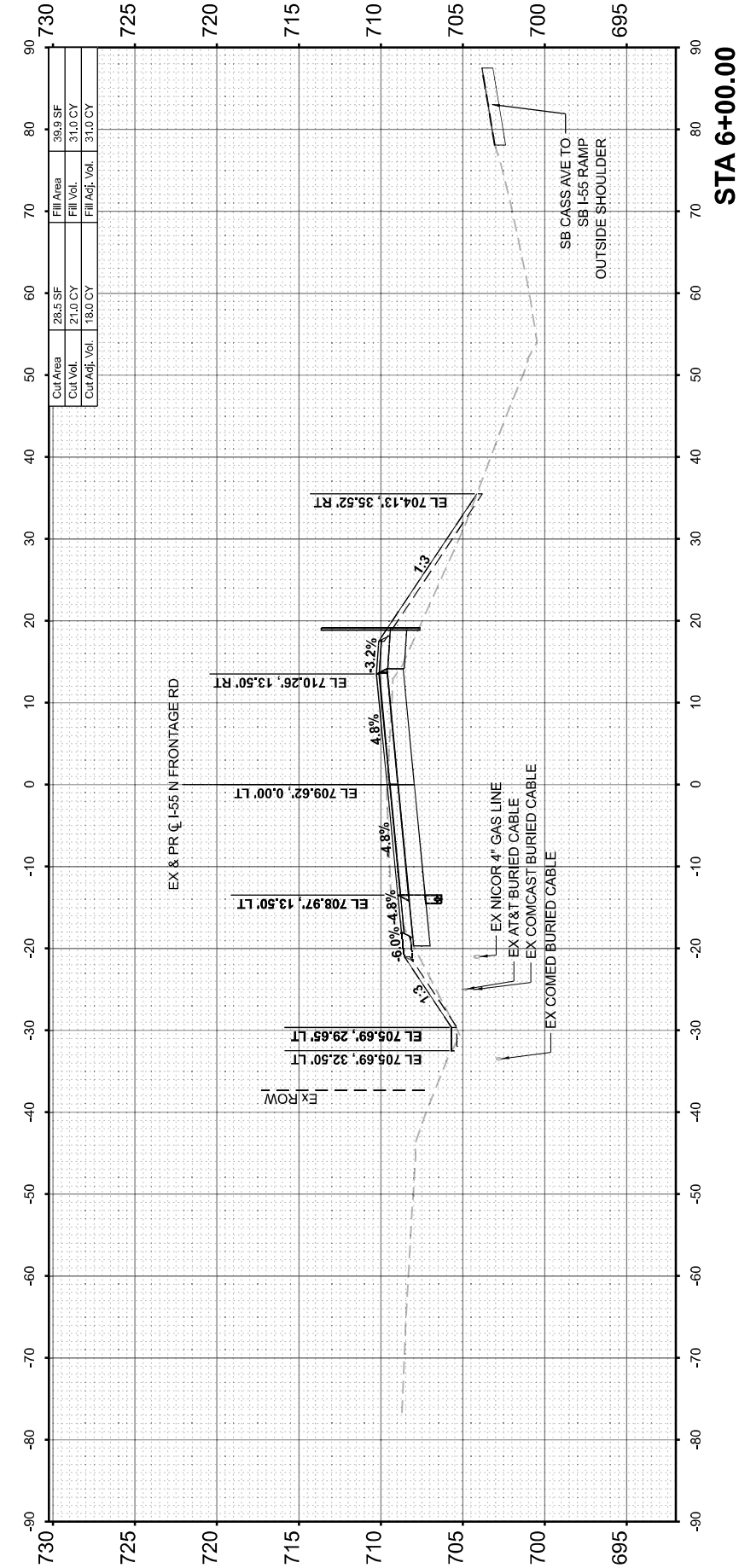
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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CROSS SECTIONS
 I-55 N FRONTAGE RD AT CASS AVE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	41
CONTRACT NO. 62R40				
ILLINOIS		FED. AID PROJECT		



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

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

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EFK Moen
 Civil Engineering Design

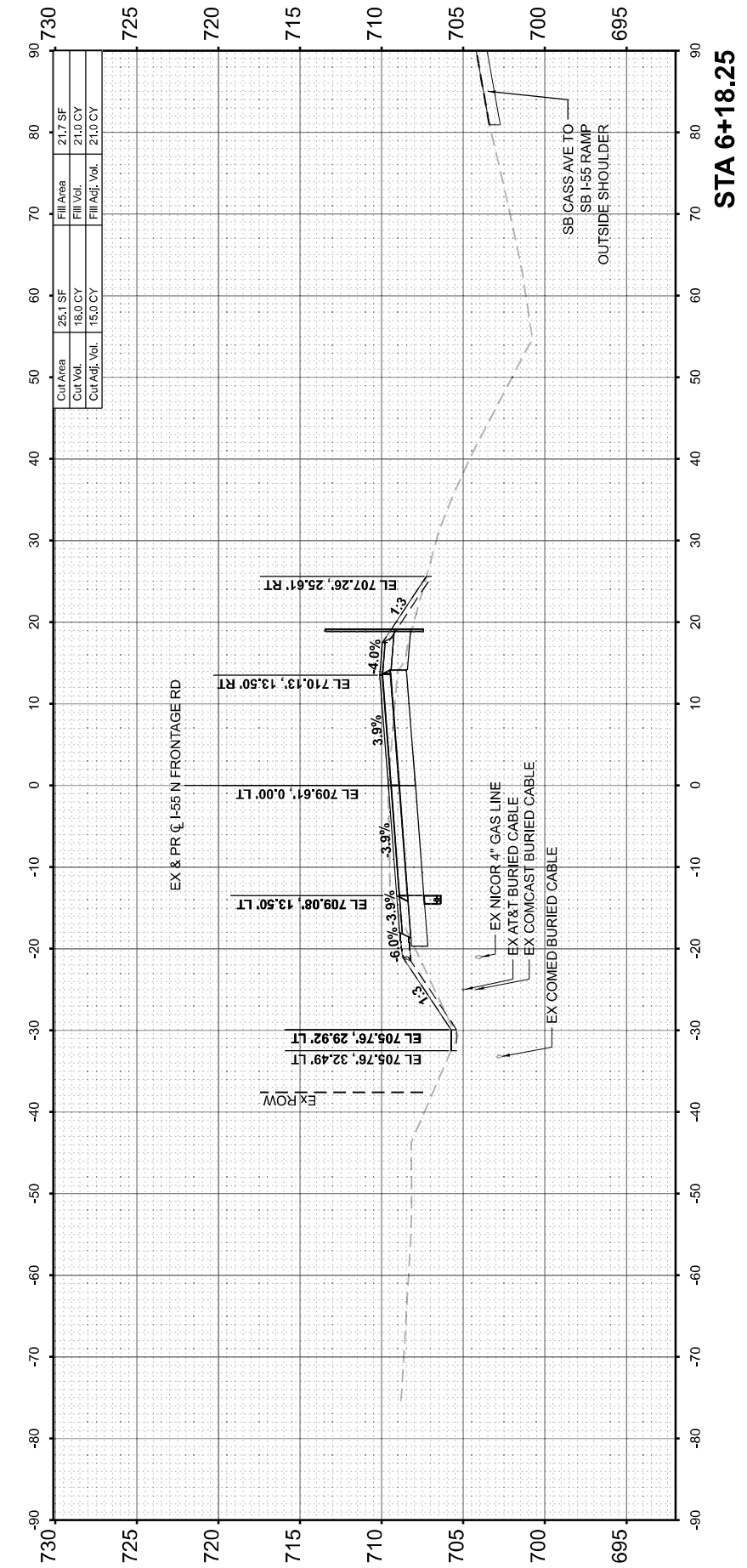
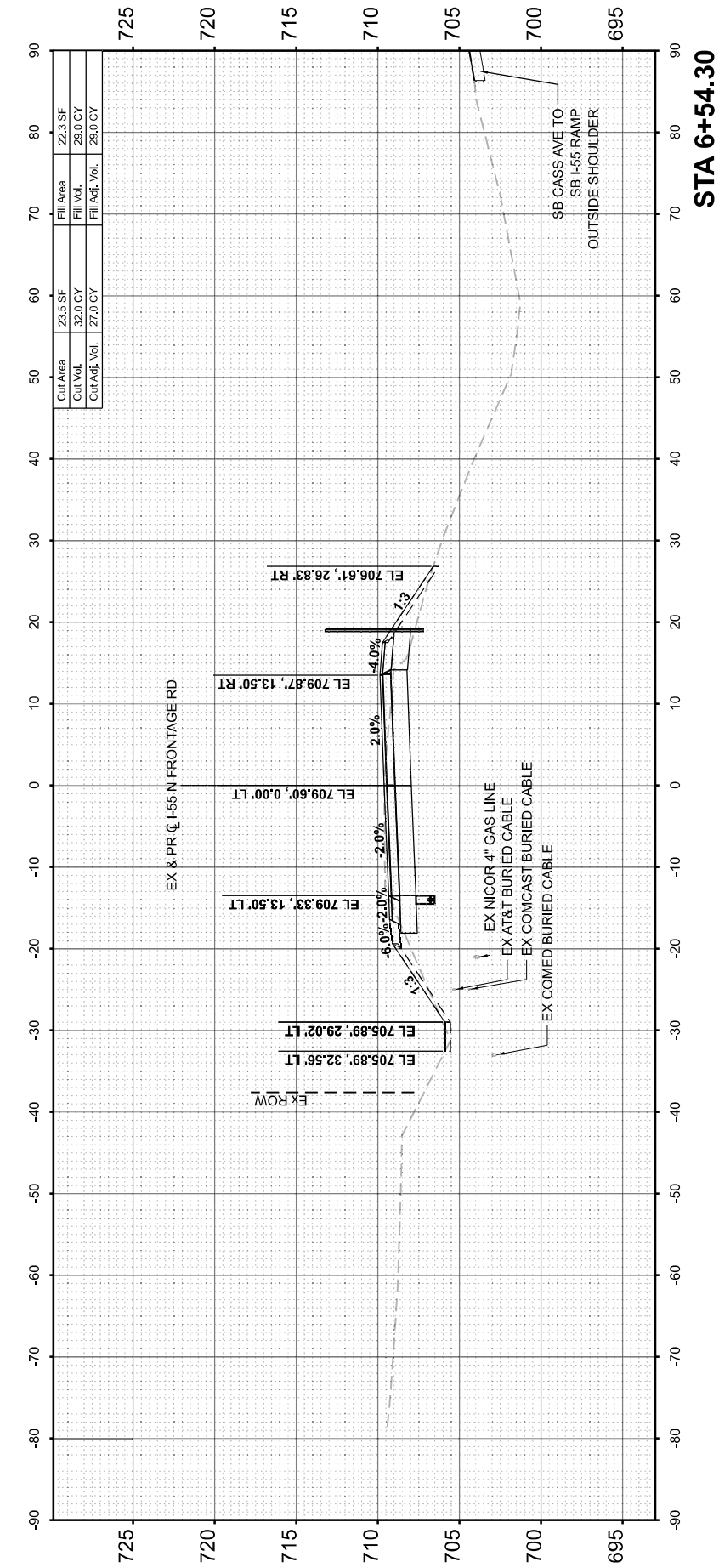
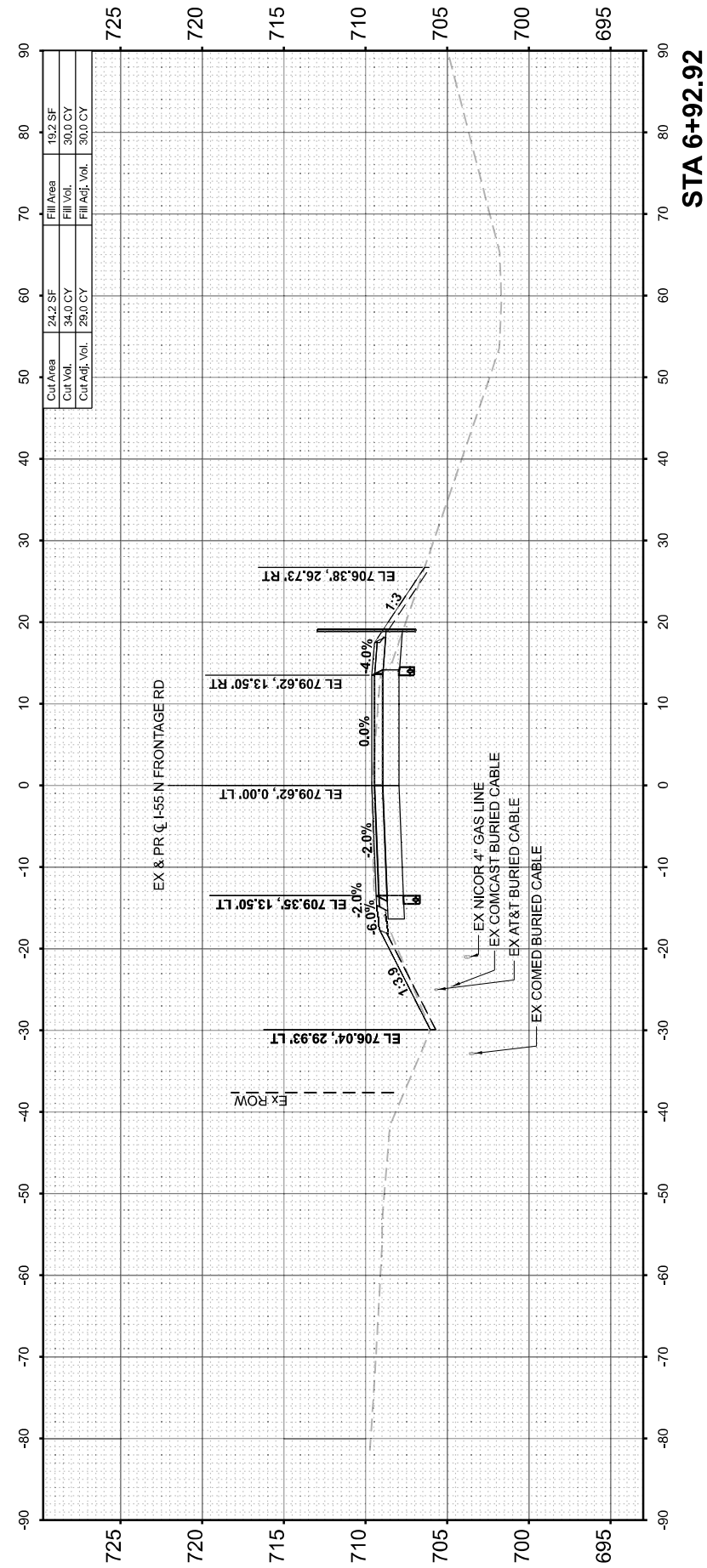
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	42
CONTRACT NO. 62R40				
ILLINOIS		FED. AID PROJECT		



FINISH SURVEY	SURVEYED	BY	DATE
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NO.	TEMPLATE		
	AREAS CHECKED		

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

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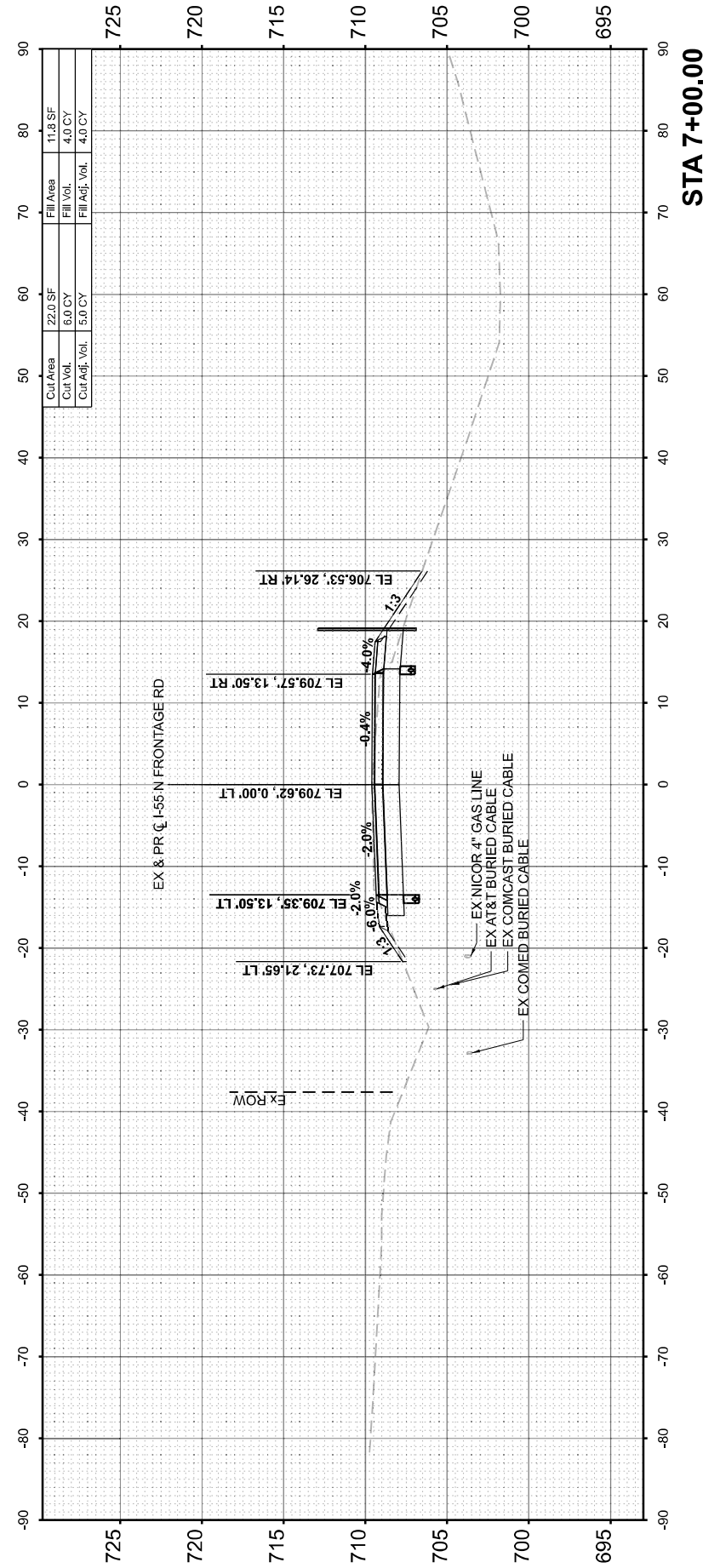
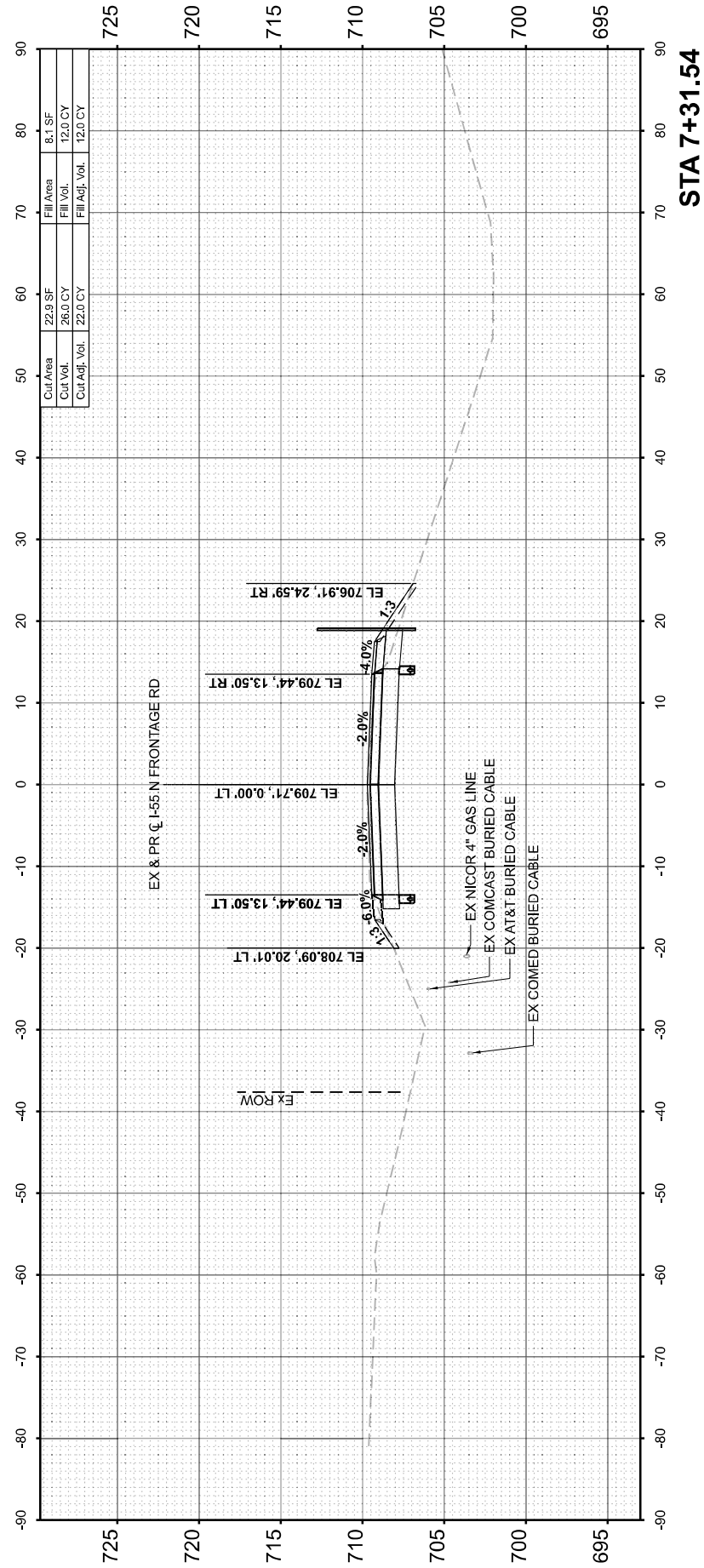
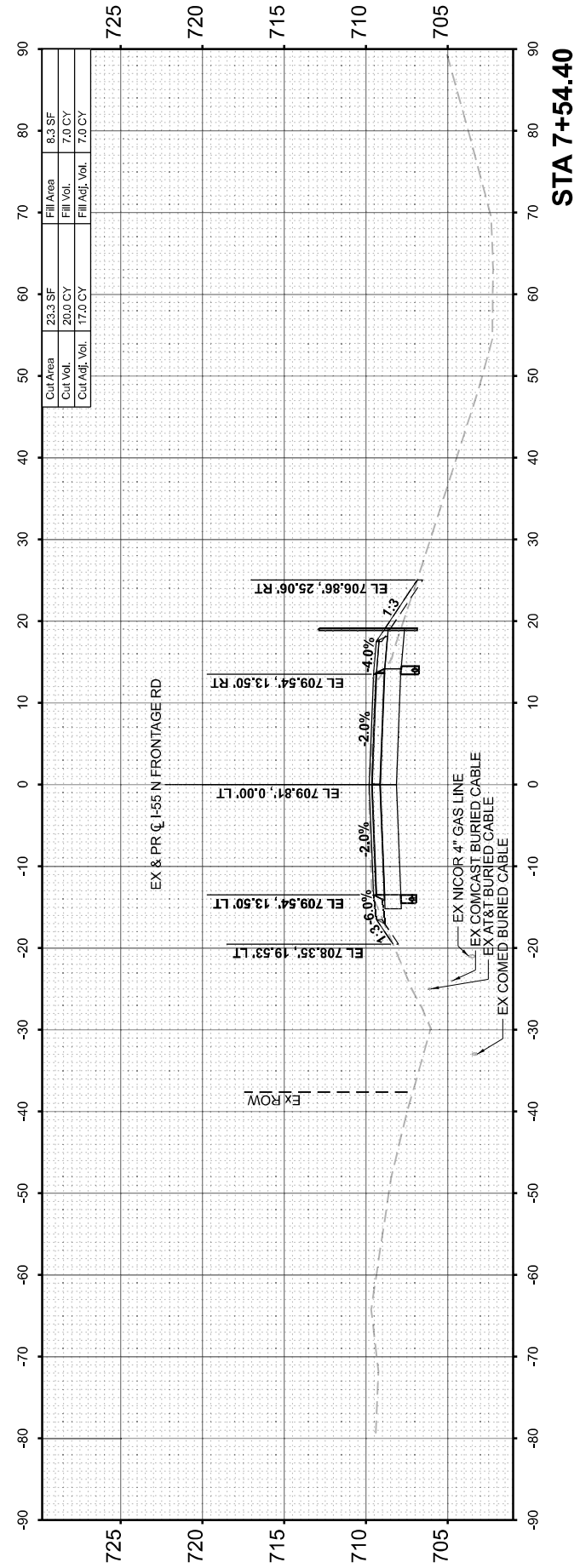
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

CROSS SECTIONS
I-55 N FRONTAGE RD AT CASS AVE

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	43
CONTRACT NO. 62R40				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		

ORIGINAL SURVEY NO.	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		

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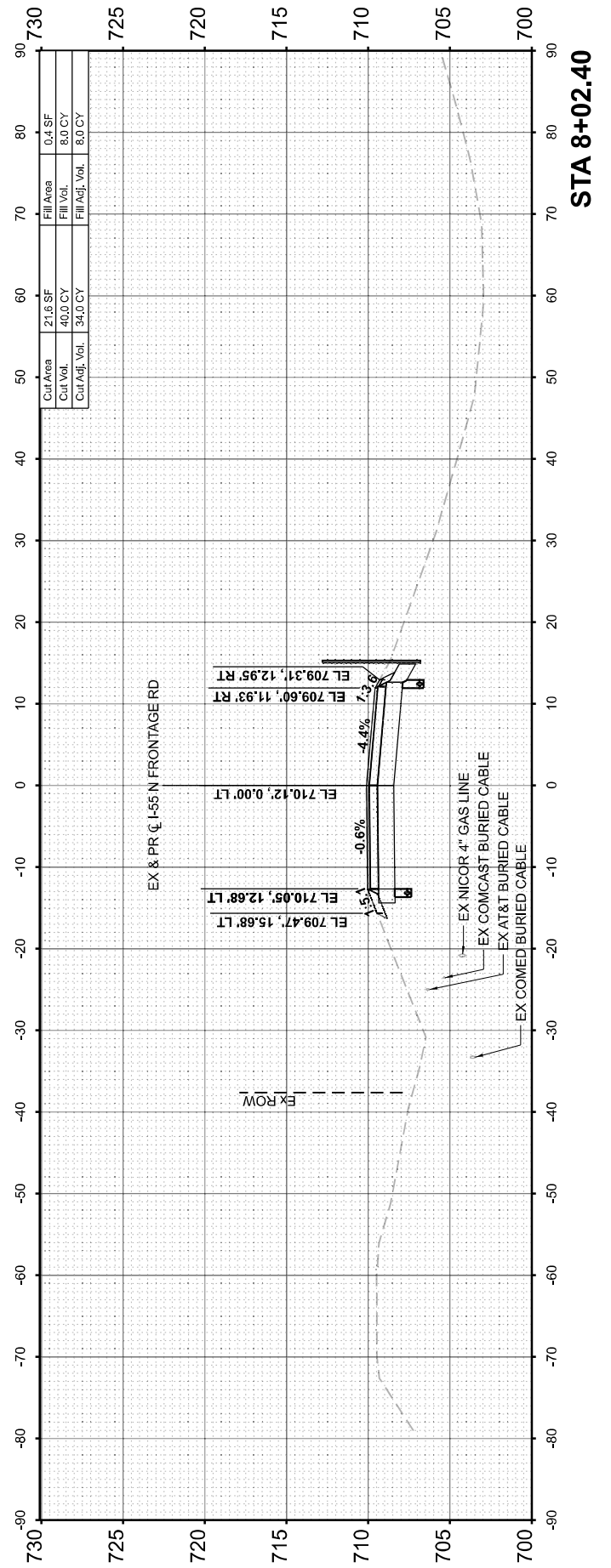
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 I-55 N FRONTAGE RD AT CASS AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FR 55 2021 RS	DUPAGE	44	44
CONTRACT NO. 62R40			ILLINOIS FED. AID PROJECT	



STA 8+02.40