06-11-2021 LETTING ITEM 218

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	1
	ILLINOIS	CONTRACT NO. 62F84		

* 134 + 1 = 135 TOTAL SHEETS

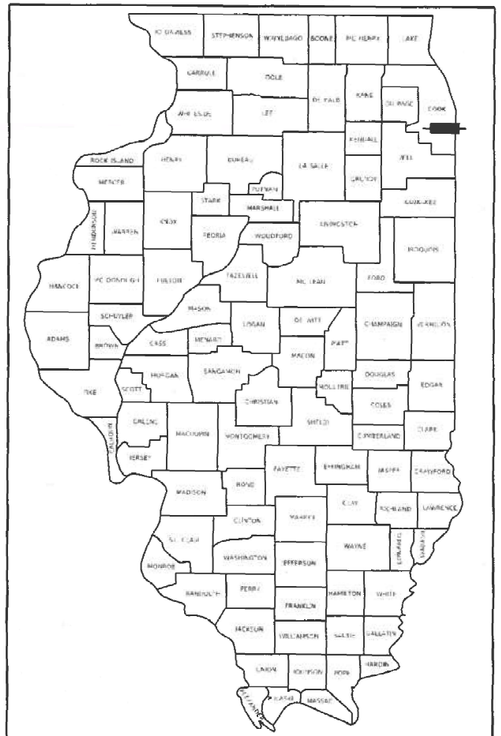
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.U. 3603: GLENWOOD DYER ROAD
STONY ISLAND AVENUE TO IL ROUTE 83
SECTION: 521WRS
PAVEMENT WIDENING, BIDIRECTIONAL LEFT–TURN LANE, STANDARD OVERLAY, PEDESTRIAN RAMPS, TRAFFIC SIGNAL MODERNIZATION
PROJECT: HSIP-STP-F0IY (879)
COOK COUNTY

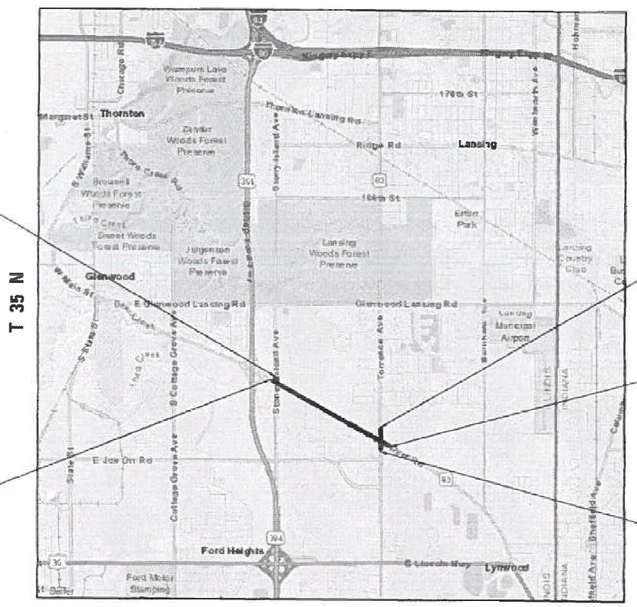
C–91–062–18

D–91–213–18



LOCATION OF SECTION INDICATED THUS: –

R 14 E



END PROJECT: STA. 302+80.00

BEGIN PROJECT: STA. 111+00.00

END PROJECT: STA. 403+90.00

END PROJECT: STA. 176+19.51

END PROJECT: STA. 398+44.24

BLOOM TOWNSHIP

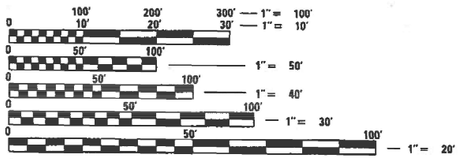
GROSS LENGTH = 9564.24 FT. = 1.811 MILE
NET LENGTH = 9564.24 FT. = 1.811 MILE

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN THE VILLAGE OF LYNWOOD AND UNINCORPORATED COOK COUNTY

TRAFFIC DATA:
2017 ADT = 11,000
POSTED SPEED LIMIT = 40 – 45 MPH

DESIGN DESIGNATION:
MINOR ARTERIAL



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 (847) 705–4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705–4247

CONTRACT NO. 62F84

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 4 20 21
Jose Rios (CB3
REGIONAL ENGINEER

May 7, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

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LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 15" (375 MM) THRU 36" (900 MM) DIAMETER SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-04	INLET, TYPE A
602402-02	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS, TYPE 1
604016-04	FRAME AND GRATE, TYPE 4
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635001-02	DELINEATORS
643001-02	SAND MODULE IMPACT ATTENUATORS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD 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
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

REV-SEP

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PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STANDARDS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	2
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. 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.

2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF LYNWOOD, AND COOK COUNTY.

4. THE CONTRATOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

5. THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL".

6. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

7. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

8. 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 DIRECTED BY THE ENGINEER.

9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

10. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

11. DRAINAGE ADJUSTEMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

13. 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.

14. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, AT VIA EMAIL AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

15. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED THEIR LOCATION.

16. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULATIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MISTURE IS PLACED.

17. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

18. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC (STANDARD SPECIFICATIONS) WILL NOT BE ALLOWED.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, IDOT'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.

20. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

21. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

22. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

23. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 40 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 KM/H). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

24. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX APSHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

25. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT 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 DYAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.05 OF THE SSRBC AND THE IDOT SUBGRADE STABILITY MANUAL.

26. ANY AGGREGATE 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.

27. PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTIONS 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE SUBGRADE OR UNDERCUT.

28. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

29. VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA. THE CONTRATOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.

30. UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

31. THE CONTRATOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OF REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN THE ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

32. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF LYNWOOD.

33. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171 TO SCHEDULE A WALK THROUGH TO DETERMINE TREE PROTECTION, TREE REMOVAL, SELECTIVE CLEARING, AND OTHER FORESTRY WORK A MINIMUM OF 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL TREE PROTECTION, TREE REMOVAL, SELECTIVE CLEARING, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ROADSIDE DEVELOPMENT UNIT.

34. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

35. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

36. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

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PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	3
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

37. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.

38. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171 AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE NATIVE SEEDING, TREES AND SHRUBS.

39. DURING CONSTRUCTION OF PROPOSED IMPROVEMENT ALONG STONY ISLAND AVENUE, THE ROADWAY SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. FOR ANY ACTIVITY THAT REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 A.M. TO 3:00 P.M. FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.

40. IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG STONY ISLAND AVENUE IS DAMAGED DUE TO THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT-DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES FOR PAVEMENT MARKING AND SIGNAGE INCLUDED IN THE PLANS.

41. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, COUNDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SUFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENTS, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY

42. IT SHALL BE THE CONTRACTOR'S RESPONISBLITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFING THE MAST ARMS LENGTHS.

43. THE EXACT LOCATION OF ALL UTILITES 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 "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

44. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

45. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

46. LOCATIONS WITH PEDESTRIAN SIGNAL EQUIPMENT HAVE BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THE PLANS FOR THE TRAFFIC SIGNAL MAST ARM AND/OR POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

47. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW(BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 of the SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

404 PERMIT NOTE:

48. THE PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM AND WELAND WORK TEHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDE IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

COMMITMENTS

A TREE CLEARING RESTRICTON FROM APRIL 1 TO OCTOBER 14 FOR TRESS GREATER THAN 5 INCHES DIAMETER AT BREAST HEIGHT HAS BEEN PLACED ON THE PROJECT PER THE RECOMMENDATION OF IDNR TO CONSERVE THE NORTHERN LONG-EARED BAT.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	4
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	503.5	503.5				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	324.5	324.5				
20101000	TEMPORARY FENCE	FOOT	954	954				
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	35	35				
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	35	35				
20200100	EARTH EXCAVATION	CU YD	5578	5578				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3347	3347				
20800150	TRENCH BACKFILL	CU YD	1913.44	1913.44				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2616	2616				
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3710	3710				
25100115	MULCH, METHOD 2	ACRE	3.956	3.956				
* 25100630	EROSION CONTROL BLANKET	SQ YD	799.3	799.3				
* 25200110	SODDING, SALT TOLERANT	SQ YD	18347	18347				
* 25200200	SUPPLEMENTAL WATERING	UNIT	60	60				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	395.6	395.6				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
28000305	TEMPORARY DITCH CHECKS	FOOT	316	316				
28000400	PERIMETER EROSION BARRIER	FOOT	345	345				
28000510	INLET FILTERS	EACH	33	33				
28100105	STONE RIPRAP, CLASS A3	SQ YD	697	697				
28200200	FILTER FABRIC	SQ YD	697	697				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	872	872				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	13081	13081				
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	552	552				
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3480				3480	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1069	1069				
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	3176	3176				
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7830	7830				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	25348	17036				8312
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	39	21				18

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 1 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	5
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	129	51				78
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	16	16				
40603200	POLYMERIZED HOT-MIX APSHALT BINDER COURSE,	TON	1273	756				517
	IL-4.75, N50							
40604060	HOT MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5,	TON	394	4			390	
	N50							
40604062	HOT MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5,	TON	2545	1511				1034
	N70							
42001300	PROTECTIVE COAT	SQ YD	633	611				22
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1678	1678				
42400800	DETECTABLE WARNINGS	SQ FT	80	80				
44000100	PAVEMENT REMOVAL	SQ YD	113	113				
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	26061	13747				12314
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3923	3923				
44000300	CURB REMOVAL	FOOT	158	158				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	257	257				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
44000600	SIDEWALK REMOVAL	SQ FT	230	230				
44002208	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2"	SQ YD	139	139				
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	235	124				111
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	273	144				129
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	1763	985				778
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	190.2	124.2				66
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	6848	6848				
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4				
50105220	PIPE CULVERT REMOVAL	FOOT	781	781				
* 51100100	SLOPE WALL 4 INCH	SQ YD	147	147				
542A0213	PIPE CULVERTS, CLASS A, TYPE 1 8"	FOOT	15	15				
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	36	36				
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	332	332				
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	72	72				

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 2 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	6
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	EACH	6	6				
	12"							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	EACH	21	21				
	15"							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	EACH	3	3				
	24"							
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS,	EACH	1	1				
	EQUIVALENT ROUND-SIZE 36"							
54216089	REINFORCED CONCRETE PIPE TEE, 15" PIPE WITH 8"	EACH	1	1				
	RISER							
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	29.5	29.5				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	97	97				
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	403	403				
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	269	269				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2035	2035				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	737	737				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	19	19				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	83	83				
550A5000	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT	FOOT	378	378				
	ROUND-SIZE 27"							
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT	FOOT	75	75				
	ROUND-SIZE 36"							
55100500	STORM SEWER REMOVAL 12"	FOOT	31	31				
55101200	STORM SEWER REMOVAL 24"	FOOT	156	156				
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	8				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	90	90				
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	8668	8668				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME,	EACH	13	13				
	OPEN LID							
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2				
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME	EACH	10	10				
	AND GRATE							
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1				

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 3 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	7
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	4	4				
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN	EACH	2	2				
	LID							
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME,	EACH	1	1				
	CLOSED LID							
60224457	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN	EACH	2	2				
	LID							
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME,	EACH	1	1				
	CLOSED LID							
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1				
60600605	CONCRETE CURB, TYPE B	FOOT	550	550				
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	81	81				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	380	380				
60608552	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	1956	1956				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1116	1116				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24				
67100100	MOBILIZATION	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1					1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1					1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1					1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	24180	15212				8968
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	8060	5071				2989
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1114	762				352
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	30182	20814				9368
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1591	549				1042
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	167					167
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1301	1267				34

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 4 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	8

CONTRACT NO. 62F84

ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	322	155				167
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	6045	3803				2242
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND	SQ FT	552	552				
	SYMBOLS							
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	58561	58561				
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	1456	1456				
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	315	315				
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	145	145				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3106	3106				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1578	1578				
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE,	EACH	37	37				
	NARROW), TEST LEVEL 3							
70600352	IMPACT ATTENUATORS, RELOCATE (NON-	EACH	8	8				
	REDIRECTIVE,NARROW), TEST LEVEL 3							
* 72000200	SIGN PANEL - TYPE 2	SQ FT	46.5		46.5			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND	SQ FT	1037	685				352
	SYMBOLS							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29305	19937				9368
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1591	549				1042
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	167					167
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1301	1267				34
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	292	125				167
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND	SQ FT	77	77				
	SYMBOLS							
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	877	877				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	212	212				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	30	30				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	369	242				127
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	125	125				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	295	181				114
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	847		847			

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 5 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	9
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	154		154			
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	412		412			
* 81400100	HANDHOLE	EACH	3		3			
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4		4			
* 81400300	DOUBLE HANDHOLE	EACH	1		1			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	1		1			
	INSTALLATION							
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1300		1300			
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1650		1650			
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	800		800			
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1500		1500			
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1	FOOT	1100		1100			
	PAIR							
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	200		200			
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING	FOOT	900		900			
	CONDUCTOR, NO. 6 1C							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4			
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		1			
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1			
* 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1			
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20		20			
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	37		37			
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13		13			
* 87900200	DRILL EXISTING HANDHOLE	EACH	6		6			
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM	EACH	4		4			
	MOUNTED							
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET	EACH	4		4			
	MOUNTED							
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM	EACH	4		4			
	MOUNTED							
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET	EACH	8		8			
	MOUNTED WITH COUNTDOWN TIMER							

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 6 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	10
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8		8			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	260		260			
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	500					500
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8		8			
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
* 89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1			
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2			2		
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1		1			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	750		750			
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	10		10			
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8		8			
* C20023G3	SHRUB, DIERVILLA G2X88544 (KODIAK ORANGE BUSH HONEYSUCKLE), CONTAINER GROWN, 3-GALLON	EACH	145	145				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* C2C13126	SHRUB, WEIGELA FLORIDA ALEXANDRA (WINES & ROSES OLD FASHIONED WEIGELA), CONTAINER GROWN, 5 – GALLON	EACH	58	58				
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16		16			
* A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4				
* A2002466	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	4	4				
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7				
* A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6				
* A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8				
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9				
* A2006614	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	7	7				

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 7 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	11
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4"	EACH	4	4				
	CALIPER, BALLED AND BURLAPPED							
* A2006814	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK),	EACH	7	7				
	1-3/4" CALIPER, BALLED AND BURLAPPED							
* A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD),	EACH	4	4				
	2" CALIPER, BALLED AND BURLAPPED							
* B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 5'	EACH	5	5				
	HEIGHT, CLUMP FORM, BALLED AND BURLAPPED							
* B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS	EACH	4	4				
	COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED							
	AND BURLAPPED							
* B2003316	TREE, MALUS DONALD WYMAN (DONALD WYMAN CRABAPPLE),	EACH	4	4				
	2" CALIPER, TREE FORM, BALLED AND BURLAPPED							
* B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING	EACH	6	6				
	LILAC), 2" CALIPER, TREE FORM, BALLED AND							
	BURLAPPED							
* B2013468	TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS	EACH	2	2				
	CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND							
	BURLAPPED							
* C2010924	SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN	EACH	40	40				
	LILAC), 2' HEIGHT, BALLED AND BURLAPPED							

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
* C2C03726	SHRUB, HYPERICUM KALMIANUM AMES (AMES KALM ST.	EACH	23	23				
	JOHNSWORT), 18" HEIGHT, 5-GALLON CONTAINER							
* K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4"	UNIT	5.7	5.7				
	DEEP PLUG							
* K0029624	WEED CONTROL, TEASEL	GALLON	2.5	2.5				
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	20	20				
* K1005863	TREE ROOT PRUNING	EACH	15	15				
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR	FOOT	320			320		
	CABLE, NO. 20 3/C							
X0325034	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1	EACH	1	1				
	FRAME, OPEN LIDS, RESTRICTOR PLATE							
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	6457	6457				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	969	969				
X0900075	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1	1				
X1200050	BOX CULVERT REMOVAL	FOOT	123	123				
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1			
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4		4			

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 8 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	12
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
•* X1400388	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2		2			
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	17					17
* X2500322	SEEDING, CLASS 5A, (MODIFIED)	ACRE	0.165	0.165				
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.165	0.165				
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	26	26				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8				
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	75					75
	REPLACEMENT LESS THAN OR EQUAL TO 10 FEET							
* x5091725	BICYCLE RAILING, SPECIAL	FOOT	380	380				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1					1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	37446	32224				5222
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	651	651				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND	FOOT	25					25
	REPLACEMENT							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 ROADWAY 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 90% HSIP (FED) 10% STATE COOK COUNTY	0021 SIGNAL 100% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 90% HSIP (FED) 10% TOLL CREDIT (FED) COOK COUNTY	0004 ROADWAY 80% STP (FED) 20% STATE COOK COUNTY
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	254.2	177.1				77.1
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1		1			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	11319	5982				5337
* Z0064800	SELECTIVE CLEARING	UNIT	15	15				
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1			
Ø Z0076600	TRAINEES	HOURS	500	500				
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500				
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	5				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	3				
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	2566	2566				
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	1375	1375				

Ø 0042

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITITES
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: - | SHEET 9 OF 9 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	13
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

TREE REMOVAL SCHEDULE

STATION	OFFSET	ACTION	SIZE AND TYPE
128+52.25	-43.42	REMOVE	MS DEAD 9.0, 7.0, 6.0
114+29.30	49.97	REMOVE	22.0 GREEN ASH
114+80.00	47.68	REMOVE	7.0 ELM SP.
116+22.09	53.60	REMOVE	8.0 MAPLE SP.
116+22.79	38.52	REMOVE	9.5 DEAD
116+38.62	46.57	REMOVE	8.5 WHITE MULBERRY
116+46.03	47.80	REMOVE	7.5 ELM SP.
116+72.80	47.24	REMOVE	18.5 ELM SP.
116+86.94	31.68	REMOVE	10.5 BUR OAK
120+81.67	40.10	REMOVE	20.5 SILVER MAPLE G
121+11.48	40.93	REMOVE	17.5 SILVER MAPLE
121+77.52	27.96	REMOVE	14.5 SILVER MAPLE
122+34.21	39.42	REMOVE	12.0 SILVER MAPLE
122+66.92	38.51	REMOVE	9.0 SILVER MAPLE
122+92.54	39.40	REMOVE	8.0 SILVER MAPLE
127+10.47	32.82	REMOVE	11.0 SILVER MAPLE
127+76.41	38.90	REMOVE	24.0 ELM SP.
128+19.66	39.07	REMOVE	3.0 CRABAPPLE SP.
128+33.07	43.78	REMOVE	2.5 CRABAPPLE SP.
128+47.25	37.09	REMOVE	3.5 CRABAPPLE SP.
128+70.51	42.55	REMOVE	17.0 BRADFORD PEAR
128+94.07	38.67	REMOVE	7.5 AUSTRIAN PINE
129+13.30	42.77	REMOVE	8.0 AUSTRIAN PINE
129+27.40	37.63	REMOVE	8.0 AUSTRIAN PINE
129+45.17	43.89	REMOVE	7.0 AUSTRIAN PINE
130+71.17	38.74	REMOVE	8.0 AUSTRIAN PINE
130+82.20	48.67	REMOVE	8.0 AUSTRIAN PINE
130+98.41	40.52	REMOVE	8.0 AUSTRIAN PINE
131+33.82	37.32	REMOVE	7.0 BRADFORD PEAR
131+98.28	37.07	REMOVE	2.5 CHERRY SP.
132+32.86	38.33	REMOVE	3.5 CHERRY SP.
132+60.40	39.77	REMOVE	8.0 AUSTRIAN PINE
132+77.76	35.77	REMOVE	8.0 AUSTRIAN PINE
132+92.98	41.03	REMOVE	8.0 AUSTRIAN PINE
133+07.42	37.88	REMOVE	7.0 AUSTRIAN PINE
133+37.87	40.44	REMOVE	3.0 CRABAPPLE SP.
133+50.57	47.60	REMOVE	4.0 CRABAPPLE SP.
133+72.49	38.96	REMOVE	3.0 CRABAPPLE SP.
134+08.12	47.15	REMOVE	7.5 BRADFORD PEAR
135+14.81	46.70	REMOVE	7.5 BRADFORD PEAR
135+33.10	49.99	REMOVE	8.5 BRADFORD PEAR
135+56.46	38.02	REMOVE	MS CHERRY SP. 3, 3, 3.5, 2.0, 2.5, 1.5, 1.0
135+72.68	45.75	REMOVE	MS CHERRY SP. 3.5, 2.0, 1.5, 1.5, 1.5, 1.5, 1.0, 1.0, 1.0, 1.0, 1.0
135+87.12	38.86	REMOVE	MS CHERRY SP. 2.5, 2.5, 2.5, 2.0, 2.0, 2.0, 2.0, 1.0, 1.0, 1.0, 1.0
136+68.61	47.39	REMOVE	MS CRABAPPLE SP. 4.5, 2.0, 2.0
136+83.15	38.97	REMOVE	10.0 AUSTRIAN PINE
136+99.14	51.95	REMOVE	9.5 AUSTRIAN PINE
138+30.19	47.45	REMOVE	MS SILVER MAPLE 16.5, 15.0
140+14.27	45.87	REMOVE	23.5 GINKGO
141+41.89	56.73	REMOVE	11.5 AUSTRIAN PINE

NOTE:

ADDITIONAL 300 UNITS OF TREE REMOVAL INCLUDED IN QUANTITIES ARE TO BE USED TO REMOVE EXISTING TREES NOT INCLUDED IN THE ABOVE SCHEDULE AS DIRECTED BY THE ROADSIDE DEVELOPMENT UNIT.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL SCHEUDLE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	14
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

PLANT SCHEDULE

PLANT TYPE	SCIENTIFIC NAME	COMON NAME	SIZE	L.1	L.2	L.3	L.4	L.5	TOTAL QTY
SHADE TREES	AESCULUS FLAVA	YELLOW SWEET BUCKEYE	2" CALIPER (B&B)	3		1			4
	BETULA NIGRA 'CULLY'	HERITAGE RIVER BIRCH	6' HEIGHT (B&B)		3		1		4
	CELTIS OCCIDENTALIS	COMMON HACKBERRY	2" CALIPER (B&B)		4	2	1		7
	GYMNOCLADUS DIOICUS 'ESPRESSO'	ESPRESSO KENTUCKY COFFEETREE	2" CALIPER (B&B)	3	3				6
	NYSSA SYLVATICA	BLACK TUPELO	2" CALIPER (B&B)		8				8
	QUERCUS BICOLOR	SWAMP WHITE OAK	2" CALIPER (B&B)	3		6			9
	QUERCUS IMBRICARIA	SHINGLE OAK	2" CALIPER (B&B)			5		2	7
	QUERCUS MACROCARPA	BUR OAK	2" CALIPER (B&B)				1	3	4
	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	2" CALIPER (B&B)		4	2	1		7
	TILIA AMERICANA 'MCKSENTRY'	SENTRY AMERICAN LINDEN	2" CALIPER (B&B)	4					4
INTERMEDIATE TREES	CERCIS CANADENSIS	EASTERN REDBUD	5' HEIGHT (B&B)			4	1		5
	CRATAEGUS CRUSGALLI VAR. INERMIS	THORNLESS COCKSPUR HAWTHORN	5' HEIGHT (B&B)		2		2		4
	MALUS 'DONALD WYMAN'	DONALD WYMAN CRAB	2" CALIPER (B&B)	1	3				4
	MALUS 'GOLDEN RAINDROP'	GOLDEN RAINDROP CRABAPPLE	2" CALIPER (B&B)			2			2
	SYRINGA PEKINENSIS 'MORTON'	CHINA SNOW PEKING LILAC	2" CALIPER (B&B)		4		2		6
SHRUBS	DIERVILLA 'G2X88544'	KODIAK ORANGE BUSH-HONEYSUCKLE	18" HT (#3 CONTAINER)		110		35		145
	HYPERICUM KALMIANUM 'AMES'	AMES KALM ST. JOHNSWORT	#5 CONTAINER			23			23
	SYRINGA MEYERI 'PALIBIN'	DWARF KOREAN LILAC	24" HT (B&B)				40		40
	WEIGELA FLORIDA 'ALEXANDRA'	WINES & ROSES OLD FASHIONED WEIGE	24" HT (#5 CONTAINER)			58			58
PRAIRE PLUGS	ASCLEPIAS INCARNATA	SWAMP MILKWEED	PLUG			38			38
	ASCLEPIAS SYRIACA	COMMON MILKWEED	PLUG			38			38
	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	PLUG			38			38
	BAPTISIA AUSTRALIS	BLUE WILD INDIGO	PLUG			38			38
	BAPTISIA LEUCANTHA	WHITE WILD INDIGO	PLUG			38			38
	ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	PLUG			38			38
	LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	PLUG			38			38
	MONARDA FISTULOSA	WILD BERGAMOT	PLUG			38			38
	PENSTEMON CALYCOSUS	SMOOTH BEARDTONGUE	PLUG			38			38
	PANICUM VIRGATUM	SWITCH GRASS	PLUG			38			38
	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	PLUG			38			38
	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	PLUG			38			38
	SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER	PLUG			38			38
	VERBENA HASTATA	BLUE VERVAIN	PLUG			38			38
	VERNONIA FASCICULATA	COMMON IRONWEED	PLUG			38			38
								UNITS	5.70

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANT SCHEDULE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	14A
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE

LOCATION		EARTH EXCAVATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	FILL	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
FROM STATION	TO STATION	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
(1)		(2)	(3)	(4)	(5)	(6)
110+50	111+00	0	0	0	0	0
111+00	111+50	0	0	0	0	0
111+50	112+00	3	3	2	9	-7
112+00	112+50	15	15	13	10	2
112+50	113+00	25	25	21	3	19
113+00	113+50	48	48	41	7	34
113+50	114+00	36	36	30	7	24
114+00	114+50	49	49	42	4	38
114+50	115+00	104	104	89	4	85
115+00	115+50	89	89	75	0	75
115+50	116+00	68	68	58	7	51
116+00	116+50	84	84	71	16	55
116+50	117+00	69	69	58	15	43
117+00	117+50	52	52	44	10	34
117+50	118+00	62	62	53	14	39
118+00	118+50	53	53	45	32	13
118+50	119+00	49	49	42	32	9
119+00	119+50	62	62	53	18	35
119+50	120+00	54	54	46	18	28
120+00	120+50	47	47	40	15	26
120+50	121+00	57	57	48	14	34
121+00	121+50	61	61	52	18	34
121+50	122+00	72	72	61	13	48
122+00	122+50	89	89	75	17	59
122+50	123+00	98	98	84	25	59
123+00	123+50	87	87	74	36	38
123+50	124+00	75	75	64	50	14
124+00	124+50	68	68	57	63	-5
124+50	125+00	71	71	60	46	14
125+00	125+50	76	76	65	21	44
125+50	126+00	55	55	46	16	31
126+00	126+50	43	43	37	18	19
126+50	127+00	56	56	48	20	28
127+00	127+50	67	67	57	17	40
127+50	128+00	70	70	60	10	49
128+00	128+50	33	33	28	7	21
128+50	129+00	35	35	30	44	-14
129+00	129+50	66	66	56	54	2
129+50	130+00	68	68	58	30	28
130+00	130+50	108	108	91	37	54
130+50	131+00	94	94	80	39	41
131+00	131+50	55	55	47	39	8
131+50	132+00	50	50	42	40	2
132+00	132+50	18	18	15	16	-1
132+50	133+00	28	28	24	7	17
133+00	133+50	51	51	43	15	28
133+50	134+00	54	54	46	15	31
134+00	134+50	45	45	38	13	25

LOCATION		EARTH EXCAVATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	FILL	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
140+50	141+00	54	54	45	7	39
141+00	141+50	42	42	36	6	30
141+50	142+00	48	48	41	13	28
142+00	142+50	50	50	43	27	16
142+50	143+00	61	61	52	19	33
143+00	143+50	54	54	46	19	27
143+50	144+00	50	50	43	60	-17
144+00	144+50	42	42	36	192	-156
144+50	145+00	35	35	30	192	-162
145+00	145+50	37	37	31	76	-45
145+50	146+00	64	64	54	34	21
146+00	146+50	78	78	66	21	45
146+50	147+00	88	88	75	19	56
147+00	147+50	127	127	108	6	102
147+50	148+00	142	142	121	6	115
148+00	148+50	140	140	119	5	114
148+50	149+00	132	132	112	43	70
149+00	149+50	122	122	104	49	54
149+50	150+00	107	107	91	23	68
150+00	150+50	87	87	74	23	52
150+50	151+00	78	78	66	10	57
151+00	151+50	76	76	64	4	61
151+50	152+00	56	56	48	7	41
152+00	152+50	60	60	51	5	46
152+50	153+00	88	88	75	6	69
153+00	153+50	81	81	68	16	52
153+50	154+00	67	67	57	16	41
154+00	154+50	57	57	49	10	38
154+50	155+00	43	43	36	8	28
155+00	155+50	39	39	33	12	21
155+50	156+00	40	40	34	9	25
156+00	156+50	30	30	26	1	25
156+50	157+00	19	19	16	1	15
157+00	157+50	10	10	8	0	8
157+50	158+00	0	0	0	0	0
158+00	158+50	0	0	0	0	0
TOTAL		5578	5578	4742	1977	2765

EARTHWORK NOTES:

1. STATION RANGE

2. VOLUME TO BE CUT

3. COLUME TO BE CUT WITH OMISSION DUE TO BEING UNDERCUT OR HAVING AN A(1) CONTAMINATED SITE PER THE PSI REPORT

4. VOLUME TO BE USED AS FILL AFTER ADJUSTING 15% FOR SHRINKAGE

5. VOLUME TO BE FILLED

6. COLUMN (4) MINUS COLUMN (5)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	15
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

HOT MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"	4% AT 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 0.75"	3.5% AT 50 GYR.	QC/QA
PAVEMENT WIDENING		
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"	4% AT 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 0.75"	3.5% AT 50 GYR.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"	4% AT 90 GYR	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 mm), 8"	4% AT 90 GYR	QC/QA
HMA SHOULDER 8"		
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"	4% AT 70 GYR.	QC/QA
HMA BINDER COURSE, IL-19.0, N70, 6.5"	4% AT 70 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/QA
HMA DRIVEWAY PAVEMENT 8" & 10"		
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2" - FE, CE, PE	4% AT 50 GYR	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 mm), 8" - CE	4% AT 50 GYR	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 mm), 6" - PE	4% AT 50 GYR	QC/QA
MULTI-USE PATH		
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"	4% AT 50 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE 4: THE CONTRACTOR SHALL MILL HMA SURFACE FIRST BEFORE PATCHING.

NOTE 5: THE LONGITUDINAL JOIN SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER IL-4.75 N50.

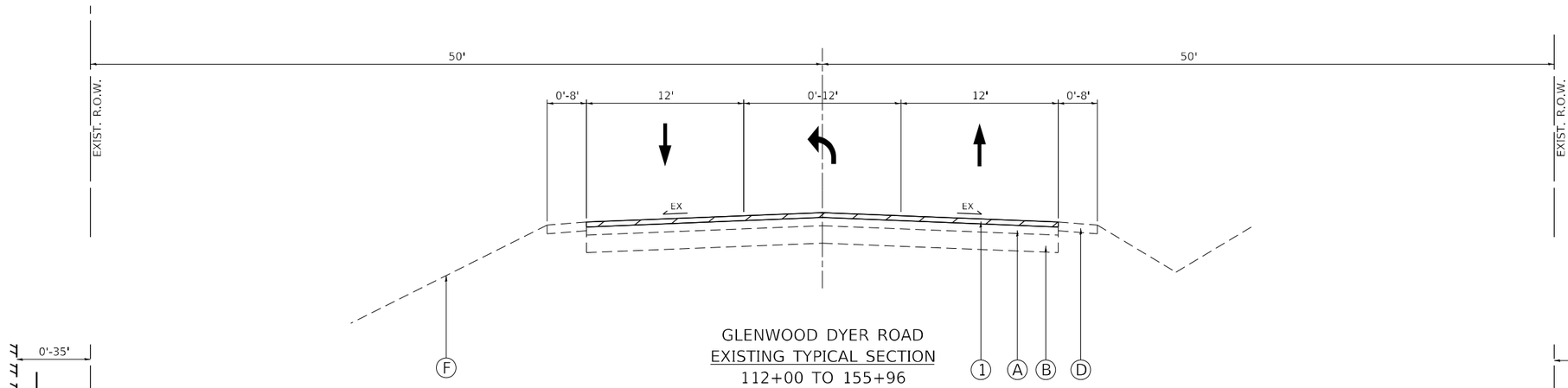
NOTE 6: HMA REMOVAL OVER PATCHES AND HMA REPLACEMENT OVER PATCHES ITEMS ARE TO BE USED DURING REMOVAL AND REPLACEMENT OF EXISTING CULVERTS.

LEGEND

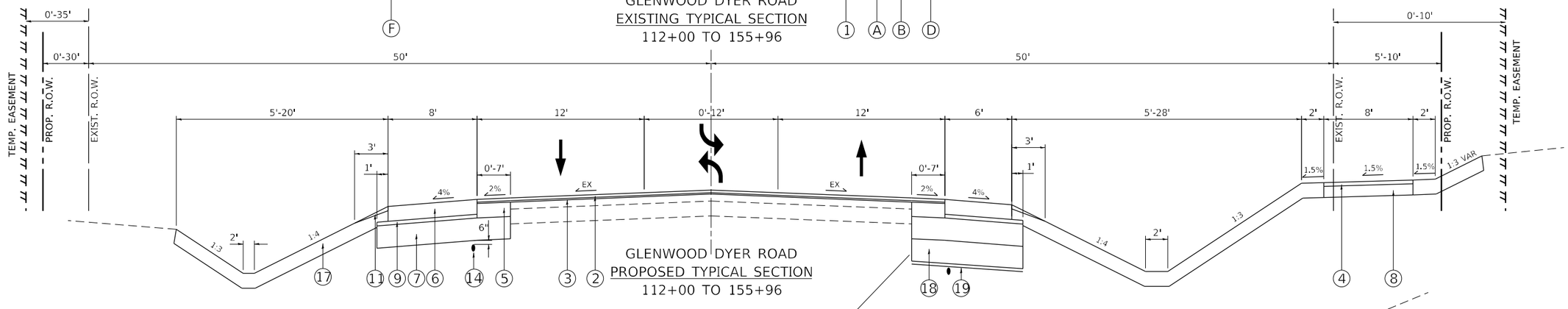
Ⓐ EXISTING HMA PAVEMENT, 6"
Ⓑ EXISTING PCC PAVEMENT, JOINTED, 8"
Ⓒ EXISTING HMA SHOULDER
Ⓓ EXISTING AGGREGATE SHOULDER
Ⓔ EXISTING CURB AND GUTTER
Ⓕ EXISTING GROUND

① PROPOSED HMA SURFACE REMOVAL, 2.25"
② PROPOSED HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
③ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 0.75"
④ PROPOSED HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
⑤ HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8.0"
(FOR PAVEMENT WIDENING LESS THAN 6' IN WIDTH)
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8.0"
(FOR PAVEMENT WIDENING GREATER THAN 6' IN WIDTH)
⑥ PROPOSED HMA SHOULDER, 8"
⑦ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12" (SQYD)
⑧ PROPOSED AGGREGATE BASE COURSE, TYPE B 6"

⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C, 2.25"
⑩ PROPOSED GRADING AND SHAPING SHOULDERS
⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
⑫ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06
⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
⑭ PROPOSED PIPE UNDERDRAIN, TYPE 2
⑮ PROPOSED SLOPE WALL
⑯ PROPOSED BICYCLE RAILING (SPECIAL)
⑰ PROPOSED TOPSOIL EXCAVATION AND PLACEMENT, 8"
⑱ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (CUYD)
⑲ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



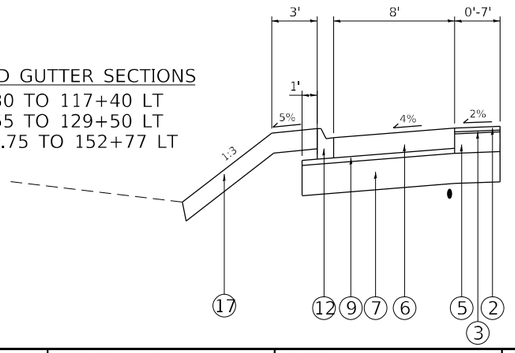
GLENWOOD DYER ROAD
EXISTING TYPICAL SECTION
112+00 TO 155+96

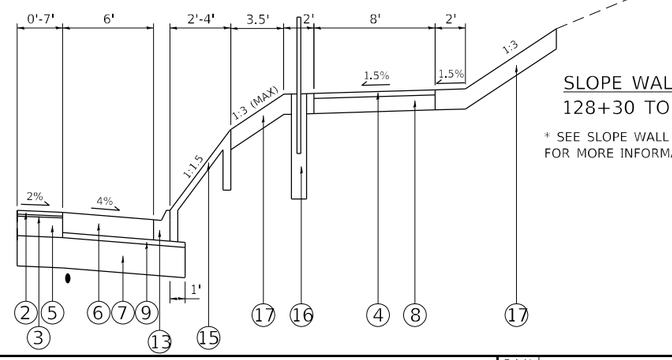


GLENWOOD DYER ROAD
PROPOSED TYPICAL SECTION
112+00 TO 155+96

AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC TO BE USED IN AREAS OF UNDERCUT ONLY AS SPECIFIED BY THE ENIGNEER

CURB AND GUTTER SECTIONS
112+30 TO 117+40 LT
123+55 TO 129+50 LT
144+30.75 TO 152+77 LT





SLOPE WALL SECTIONS
128+30 TO 132+10 RT

* SEE SLOPE WALL DETAIL SHEET FOR MORE INFORMATION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

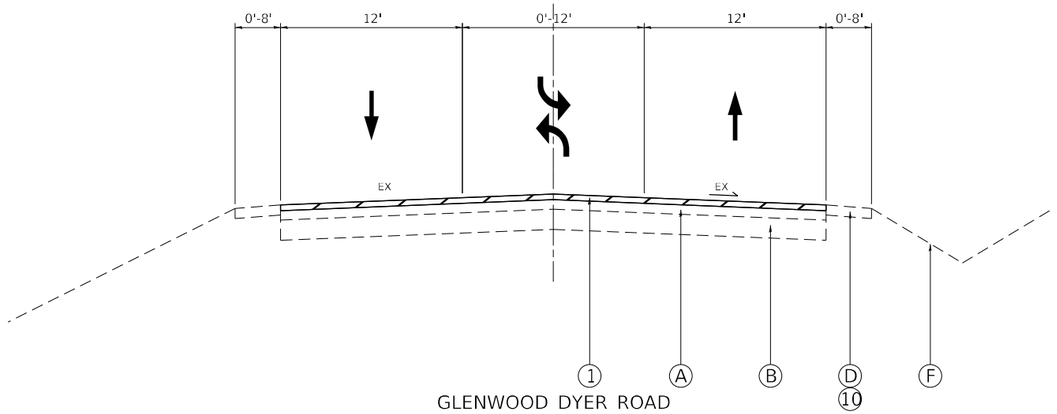
SCALE: NONE | SHEET 2 OF 3 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	17
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

LEGEND

Ⓐ EXISTING HMA PAVEMENT, 6"
Ⓑ EXISTING PCC PAVEMENT, JOINTED, 8"
Ⓒ EXISTING HMA SHOULDER
Ⓓ EXISTING AGGREGATE SHOULDER
Ⓔ EXISTING CURB AND GUTTER
Ⓕ EXISTING GROUND

① PROPOSED HMA SURFACE REMOVAL, 2.25"
② PROPOSED HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
③ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 0.75"
④ PROPOSED HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
⑤ HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8.0"
(FOR PAVEMENT WIDENING LESS THAN 6' IN WIDTH)
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8.0"
(FOR PAVEMENT WIDENING GREATER THAN 6' IN WIDTH)
⑥ PROPOSED HMA SHOULDER, 8"
⑦ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12" (SQYD)
⑧ PROPOSED AGGREGATE BASE COURSE, TYPE B 6"
⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C, 2.25"
⑩ PROPOSED GRADING AND SHAPING SHOULDERS
⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
⑫ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06
⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
⑭ PROPOSED PIPE UNDERDRAIN, TYPE 2
⑮ PROPOSED SLOPE WALL
⑯ PROPOSED BICYCLE RAILING (SPECIAL)
⑰ PROPOSED TOPSOIL EXCAVATION AND PLACEMENT, 8"
⑱ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (CUYD)
⑲ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



GLENWOOD DYER ROAD
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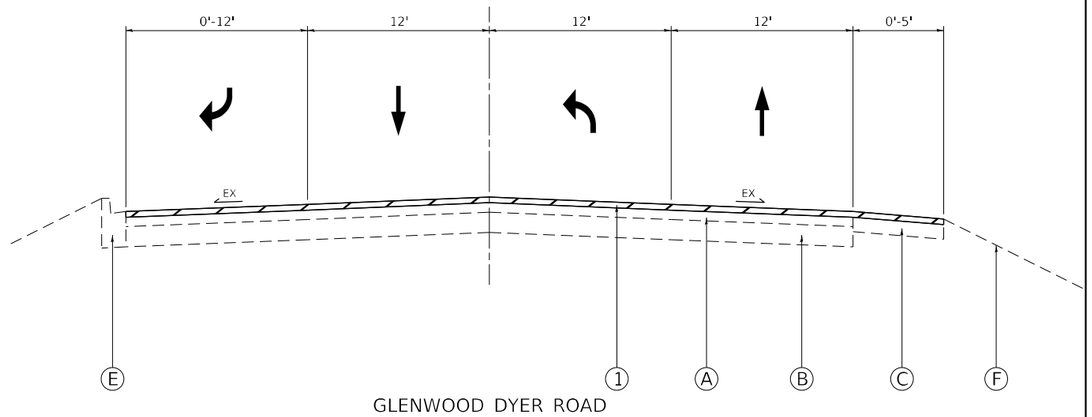
155+96 TO 175+19.5



GLENWOOD DYER ROAD
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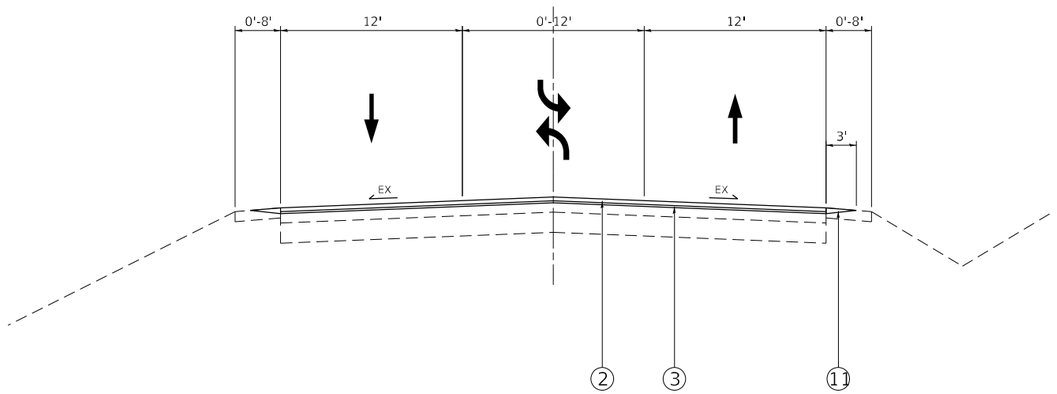
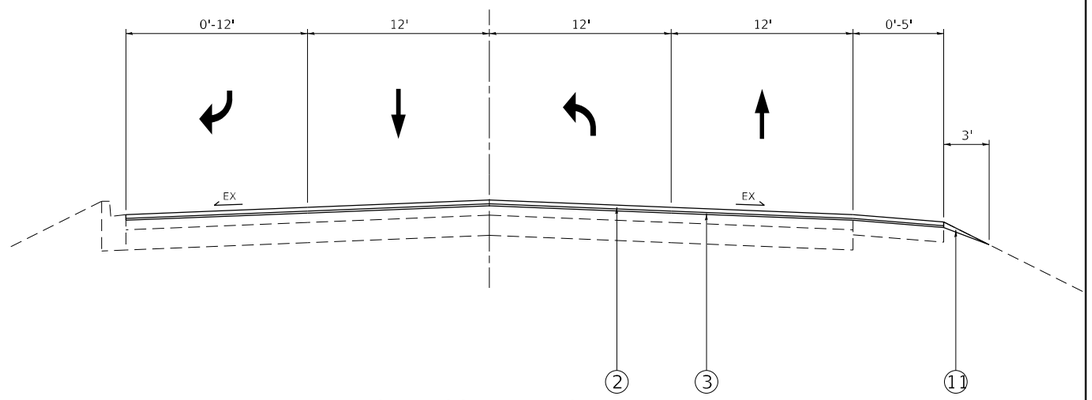
398+44.25 TO 403+90



GLENWOOD DYER ROAD
PROPOSED TYPICAL SECTION
155+96 TO 175+19.5



GLENWOOD DYER ROAD
PROPOSED TYPICAL SECTION
398+44.25 TO 403+90

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: NONE | SHEET 3 OF 3 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	18
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

BENCHMARK #BM–1

ELEV. = 640.565

☐ - CUT IN SOUTH CONC. BASE OF LIGHT POLE #BG6 N. SIDE GLENWOOD DYER RD. @ IL 394 ENT. RAMP.

BENCHMARK #BM–2

ELEV. = 644.173

☐ - CUT IN S.E. CORNER CONC. BASE OF T.C.B. IN S.W. CORNER GLENWOOD DYER RD. & STONEY ISLAND.

BENCHMARK #BM–3

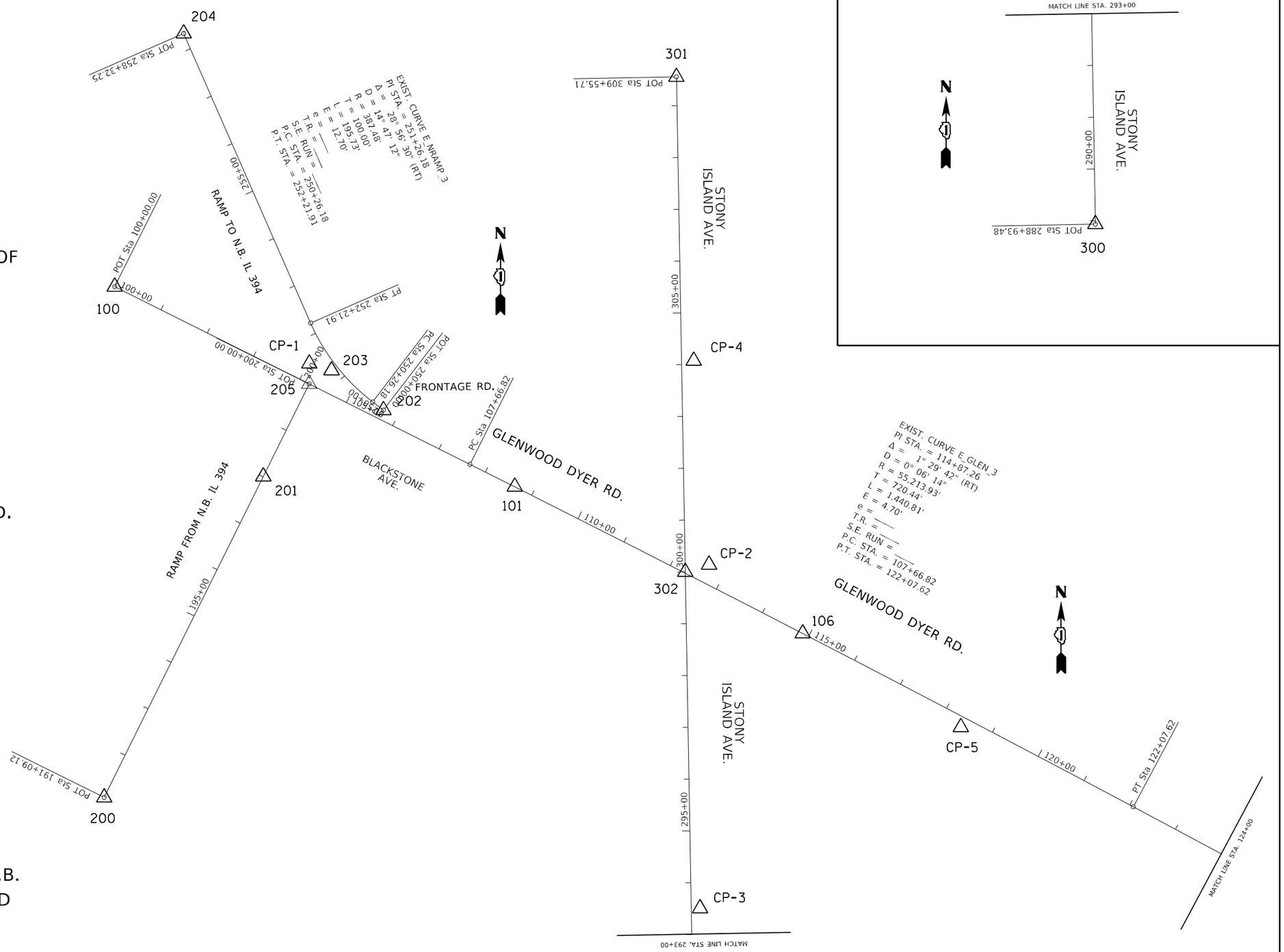
ELEV. = 641.242

☐ - CUT IN CENTER OF 14' HDW S. SIDE GLENWOOD DYER RD. @ LYNNWOON ROLLER RINK.

BENCHMARK #BM–4

ELEV. = 633.401

☐ - CUT IN S.W. CORNER OF T.C.B. IN N.E. CORNER OF GLENWOOD DYER & TORRENCE.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=100' | SHEET 1 OF 6 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	19
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

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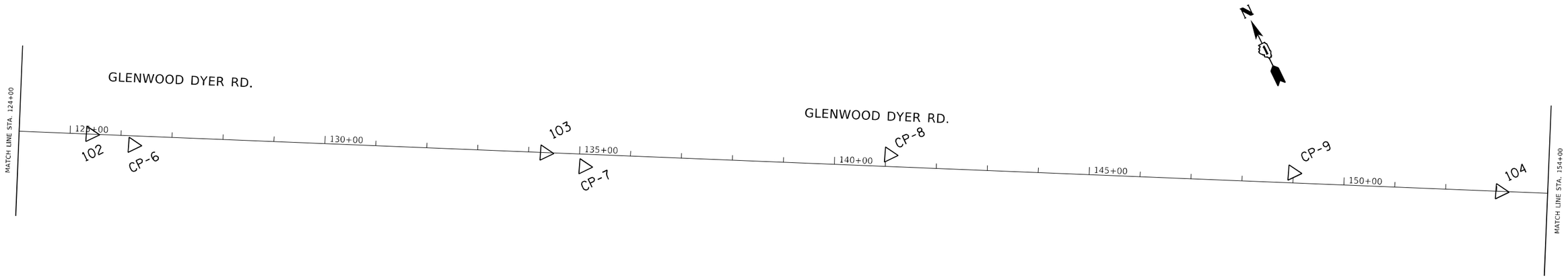

ROUTE	POINT	NORTHING	EASTING	STATION
GLENWOOD DYER RD.	100	1773342.1348	1189983.6472	100+00.00
	101	1772956.0030	1190755.8799	108+63.39
	102	1772181.3236	1192243.5589	125+40.74
	103	1771761.5721	1193029.8557	134+32.06
	104	1770879.8611	1194684.6007	153+07.05
	105	1772676.9608	1191313.8698	114+87.22
	106	1772672.8200	1191313.8698	114+87.14
	107	1769334.4353	1197583.7782	185+92.41
S. RAMP FROM N.B. IL 394	200	1772356.2459	1189963.4694	191+09.12
	201	1772975.7524	1190270.4827	198+00.53
	205	1773154.4789	1190359.0644	200+00.00
N. RAMP TO N.B. IL 394	202	1773103.8374	1190502.4363	250+00.00
	203	1773180.4303	1190402.1585	251+24.05
	204	1773830.9316	1190116.8061	258+32.25
STONY ISLAND AVE.	300	1771685.2147,	1191067.8256	288+93.48
	301	1773747.1154	1191067.8256	309+55.71
	302	1772791.5560	1191084.8683	300+00.00

ROUTE	POINT	NORTHING	EASTING	STATION
IL. ROUTE 83 (TORRENCE AVE.)	400	1768492.8756	1196482.8346	385+54.03
	401	1769786.5392	1196456.3793	398+47.96
	402	1770644.6685	1196434.9973	407+06.35
	403	1771227.0695	1196425.0115	412+88.84
	404	1769938.4878	1196450.6966	400+00.00

ROUTE	POINT	NORTHING	EASTING	STATION
EXIST. CURVE GLENWOOD DYER RD.	PC	1,772,999.1773	1,190,669.4975	107+66.82
	PI	1,772,676.9608	1,191,313.8698	114+87.26
	PT	1,772,338.0410	1,191,949.6154	122+07.62
EXIST. CURVE N. RAMP TO N.B. IL 394	PC	1,773,119.7304	1,190,481.6287	250+26.18
	PI	1,773,180.4303	1,190,402.1585	251+26.18
	PT	1,773,272.0068	1,190,361.9871	252+21.91

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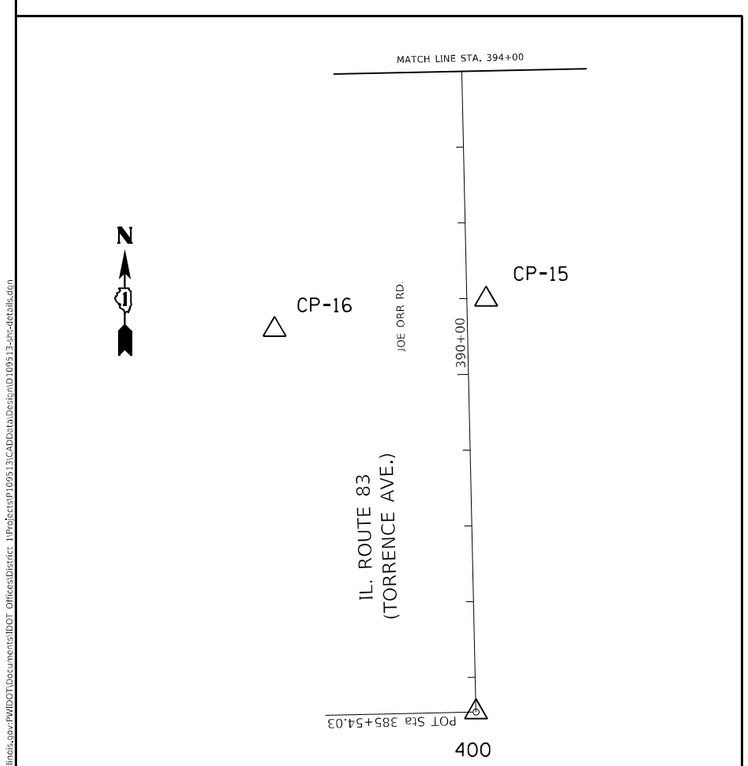
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=100' | SHEET 2 OF 6 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	20
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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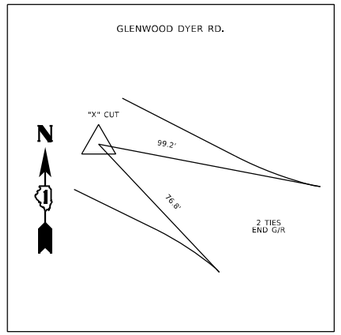
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

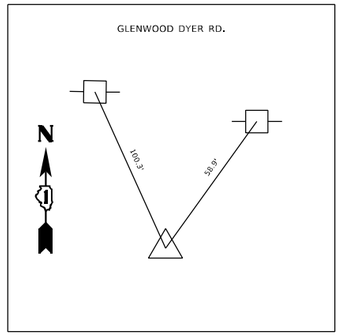
SCALE: 1"=100' | SHEET 3 OF 6 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	21
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



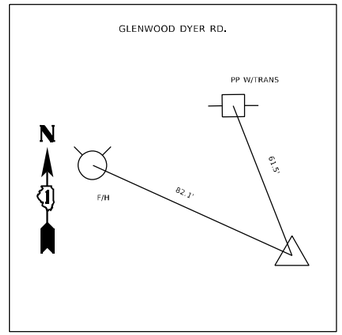
POINT 100

"X" CUT IN CONC. @ IL. 394
BRIDGE E. END BEGIN POINT
(SEE TABLES)



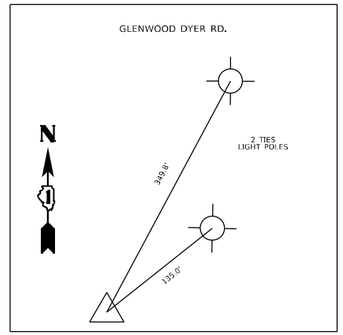
POINT 105

P.I. GLENWOOD DYER CURVE
(SEE TABLES)



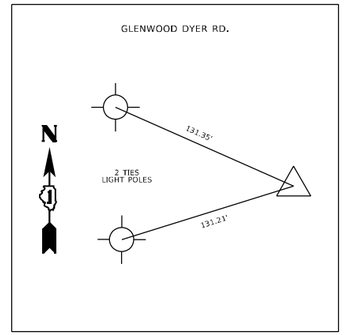
POINT 107

MAG NAIL ℄ GLENWWOD
DYER END POINT
(SEE TABLES)



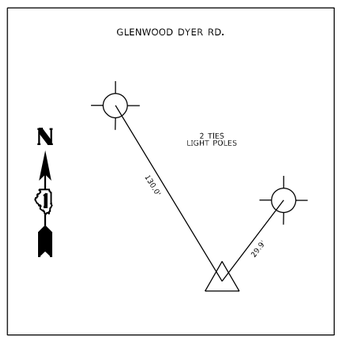
POINT 200

MAG NAIL IL 394 EXIT RAMP
S/OF GLENWOOD DYER
(SEE TABLES)



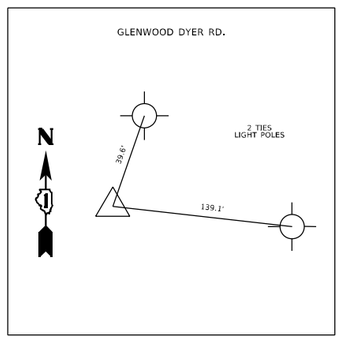
POINT 205

MAG NAIL ℄ GLENWOOD
DYER & EXIT RAMP
(SEE TABLES)



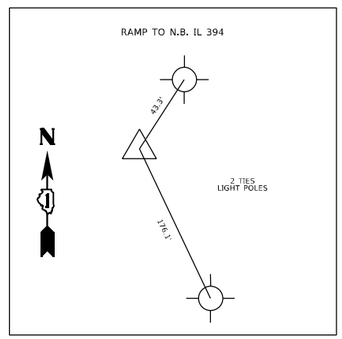
POINT 202

MAG NAIL BEGIN POINT
IL 394 ENT RAMP @
GLENWOOD DYER E/P
(SEE TABLES)



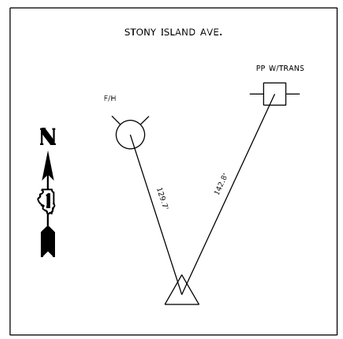
POINT 203

MAG NAIL P.I. IL 394
ENT. RAMP
(SEE TABLES)



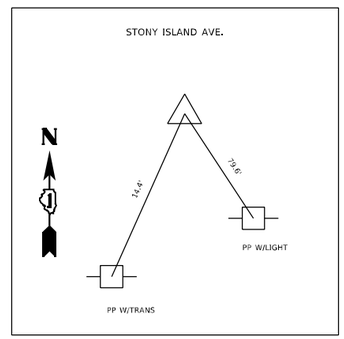
POINT 204

MAG NAIL END POINT
LI 394 ENT. RAMP
(SEE TABLES)



POINT 300

MAG NAIL BEGIN POINT
STONY ISLAND AVE.
(SEE TABLES)



POINT 301

MAG NAIL END POINT
STONY ISLAND AVE.
(SEE TABLES)

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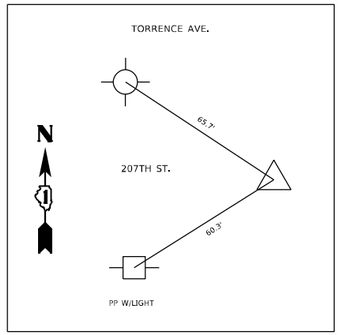
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

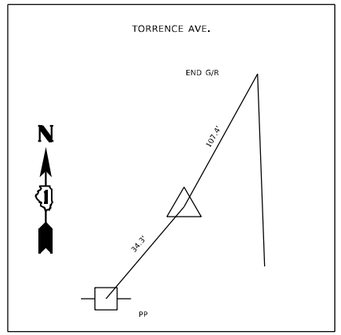
SCALE: 1"=100' | SHEET 4 OF 6 SHEETS | STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	22
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



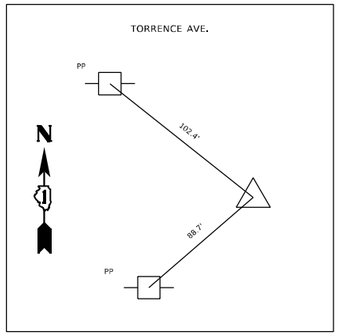
POINT 400

MAG NAIL BEGIN POINT
TORRENCE AVE.
(SEE TABLES)



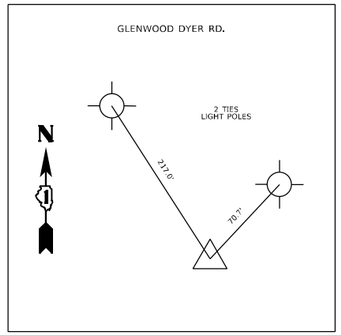
POINT 402

MAG NAIL TURNING
POINT TORRENCE AVE.
N/O DYER
(SEE TABLES)



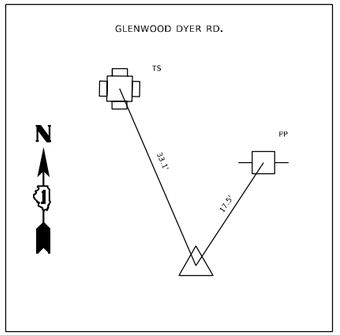
POINT 403

MAG NAIL END POINT
TORRENCE AVE.
(SEE TABLES)



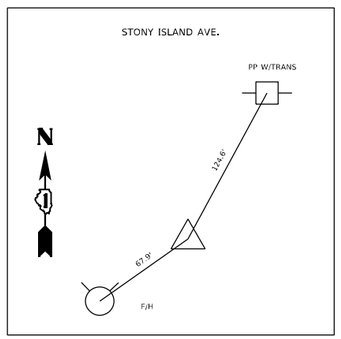
CONTROL POINT #1

MAG NAIL IN ISLAND
@ RAMPS
STA. 104+02.43, 35.20 LT
N=1773193.6331
E=1190359.3270
ELEV.=640.6226



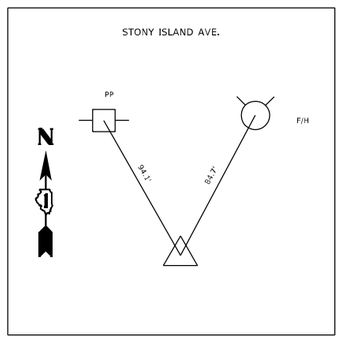
CONTROL POINT #2

MAG NAIL N.E. CORNER
GLENWOOD DYER RD &
STONY ISLAND AVE.
STA. 112+65.79, 35.41 LT
N=1772805.5306
E=1191130.8941
ELEV.=642.2909



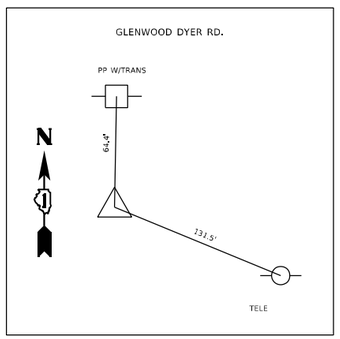
CONTROL POINT #3

MAG NAIL IN ENT.
E. SIDE STONY ISLAND
STA. 115+55.40, 562.26 RT
N=1772142.2105
E=1191113.6458
ELEV.=643.4638



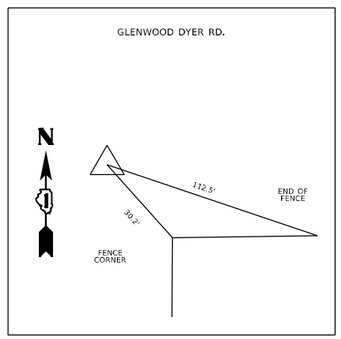
CONTROL POINT #4

MAG NAIL IN FIELD ENT.
E. SIDE STONY ISLAND
STA. 110+61.56, 372.71 LT
N=1773199.1084
E=1191101.2374
ELEV.=624.5239



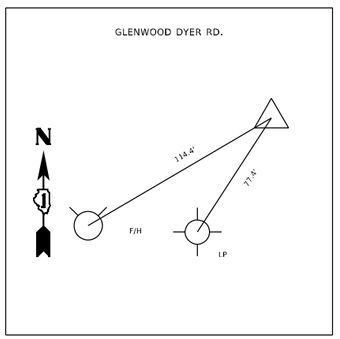
CONTROL POINT #5

MAG NAIL S. SIDE
GLENWOOD DYER RD.
STA. 118+41.34, 19.75 RT
N=1772491.7951
E=1191616.6468
ELEV.=644.4597



CONTROL POINT #6

MAG NAIL S. SIDE
GLENWOOD DYER RD.
STA. 126+24.28, 18.17 RT
N=1772125.9961
E=1192308.7416
ELEV.=646.8914



CONTROL POINT #7

MAG NAIL S. SIDE
GLENWOOD DYER RD.
@ HAVENS EST.
STA. 135+09.42, 24.19 RT
N=1771704.2920
E=1193086.9910
ELEV.=1193086.9910

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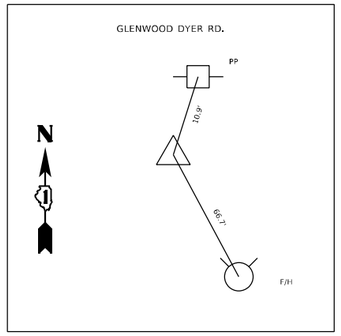
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

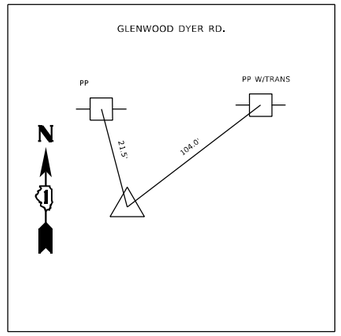
SCALE: 1"=100' | SHEET 5 OF 6 SHEETS | STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	23
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



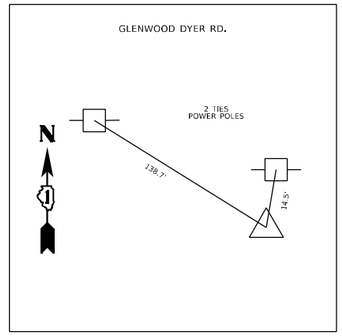
CONTROL POINT #8

IRON ROD W/CAP N.SIDE
GLENWOOD DYER RD. @
EASEMENT
STA. 141+07.01, 23.21 LT
N=1771464.9949
E=1193636.6202
ELEV.=640.7322



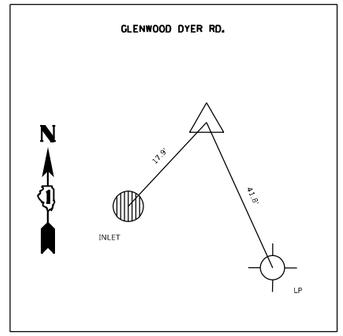
CONTROL POINT #9

MAG NAIL N. SIDE
GLENWOOD DYER RD.
STA. 148+99.30, 19.91 LT
N=1771089.3631
E=1194334.2173
ELEV.=643.9355



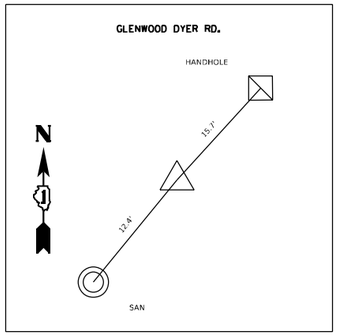
CONTROL POINT #10

MAG NAIL N. SIDE
GLENWOOD DYER RD.
STA. 157+60.45, 23.94 LT
N=1770687.8030
E=1195096.0157
ELEV.=638.7307



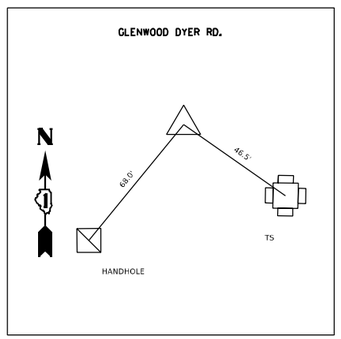
CONTROL POINT #11

MAG NAIL S. SIDE
GLENWOOD DYER RD.
@ BANK
STA. 167+50.54, 25.47 RT
N=1770178.4295
E=1195946.4713
ELEV.=633.6151



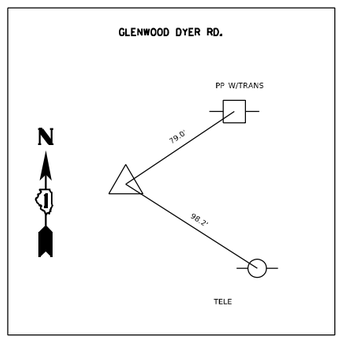
CONTROL POINT #12

MAG NAIL N.E. CORNER
GLENWOOD DYER RD &
TORRENCE AVE.
STA. 174+01.59, 73.08 RT
N=1769830.1453
E=1196498.5795
ELEV.=632.7266



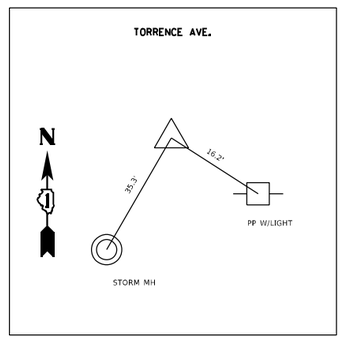
CONTROL POINT #13

"X" CUT TOP OF CURB
IN S.E. CORNER OF
GLENWOOD DYER RD
& TORRENCE AVE.
STA. 173+01.32, 75.53 LT
N=1770008.4548
E=1196480.0070
ELEV.=631.9397



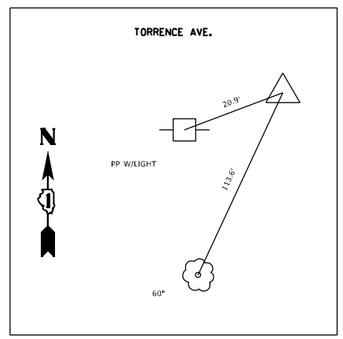
CONTROL POINT #14

MAG NAIL N. SIDE
GLENWOOD DYER RD.
STA. 182+33.67, 18.33 LT
N=1769519.3683
E=1197275.8400
ELEV.=634.2716



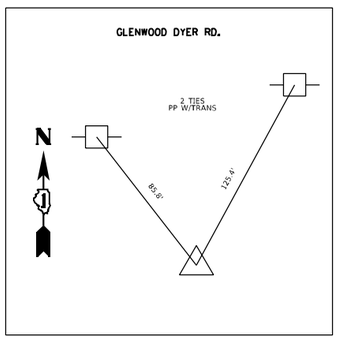
CONTROL POINT #15

MAG NAIL E. SIDE
TORRENCE AVE.
STA. 390+98.42, 25.30 RT
N=1769037.6925
E=1196496.0302
ELEV.=632.4533



CONTROL POINT #17

MAG NAIL W.SIDE
TORRENCE AVE. N/O
GLENWOOD DYER RD.
STA. 409+46.03, 19.56 LT
N=1770883.9764
E=1770883.9764
ELEV.=619.1318



POINT 101

MAG NAIL IN ℄
GLENWOOD DYER RD.
W/O STONY ISLAND AVE.
STA. 108+63.39, 0.10 LT
N=1772956.0030
E=1190755.8799
ELEV.=1190755.8799

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PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=100' | SHEET 6 OF 6 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	24
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

SUGGESTED SEQUENCE OF CONTRUCTION

STAGE 1

REMOVE ALL CONFLICTING PAVEMENT MARKINGS IN PROJECT LIMITS. ESTABLISH TRAFFIC CONTROL TO ALLOW FOR WORK ON SOUTH SIDE OF GLENWOOD DYER ROAD. REMOVE EXISTING SHOULDER AND CONFLICTING DRIVEWAYS. GRADE AREA. PLACE DRAINAGE PIPES AND STRUCTURES. CONSTRUCT PAVEMENT WIDENING AND MULTIUSE PATH. RECONSTRUCT DRIVEWAYS. GRADE AREA FOR SIDEWALK CONSTRUCTION ON NW AND SE CORNERS OF STONY ISLAND AVENUE.

STAGE 2

ESTABLISH TRAFFIC CONTROL TO ALLOW FOR WORK ON NORTH SIDE OF GLENWOOD DYER ROAD. REMOVE EXISTING SHOULDER AND CONFLICTING DRIVEWAYS. GRADE AREA. PLACE DRAINAGE PIPES AND STRUCTURES.CONSTRUCT NORTH HALF OF CULVERTS CROSSING GLENWOOD DYER ROAD AT 123+50 AND 144+50. CONSTRUCT PAVEMENT WIDENING. RECONSTRUCT DRIVEWAYS. GRADE AREA FOR SIDEWALK CONSTRUCTION ON NE AND SW CORNERS OF STONY ISLAND AVENUE.

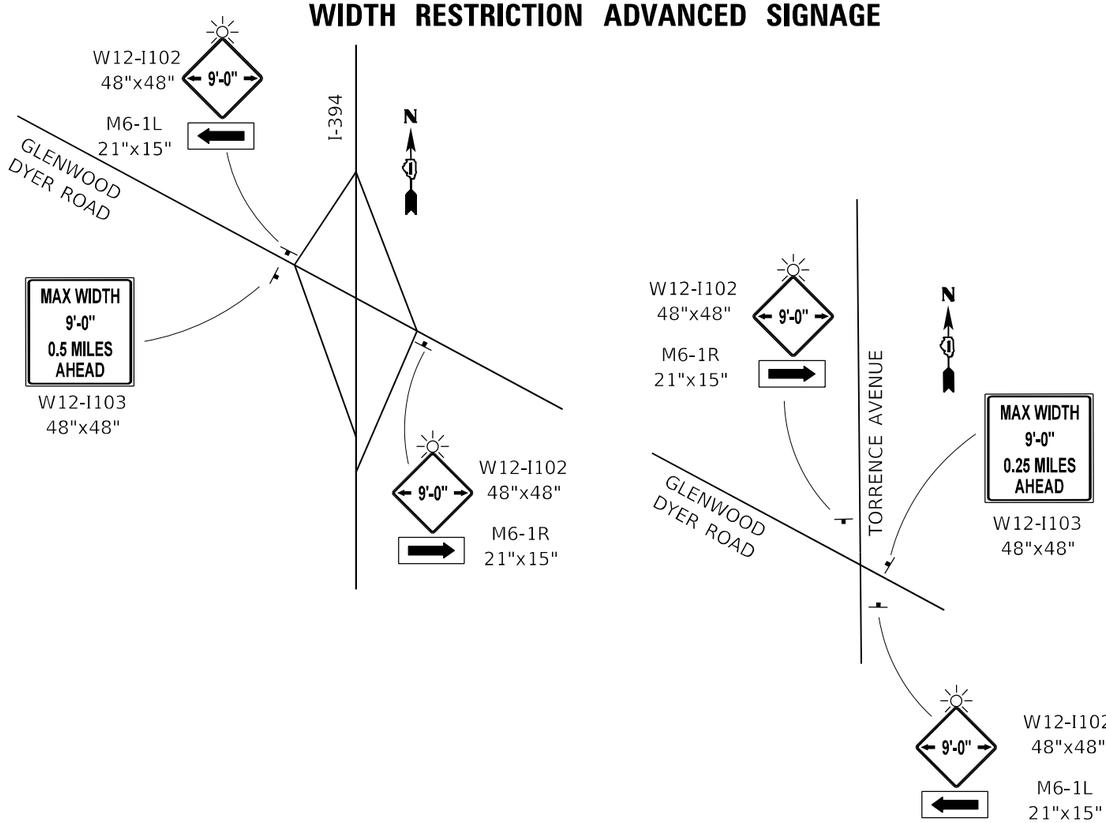
STAGE 3

ESTABLISH TRAFFIC CONTROL TO ALLOW FOR WORK ON SOUTH SIDE OF GLENWOOD DYER ROAD. CONSTRUCT SOUTH HALF OF CULVERTS CROSSING GLENWOOD DYER ROAD AT 123+50 AND 144+50.

STAGE 4

RESURFACE GLENWOOD DYER ROAD AT PROJECT LIMITS. COMPLETE TRAFFIC SIGNAL MODERNIZATION WORK. CONSTRUCT SIDEWALKS. WORK TO BE COMPLETED WITH USE OF DAILY LANE CLOSURES AND TYPICAL IDOT HIGHWAY STANDARDS AND DETAILS.

STAGE 1
WIDTH RESTRICTION ADVANCED SIGNAGE



NOTE:

ESTABLISHING TRAFFIC CONTROL AS SHOWN ON SUGGESTED STAGING CONSTRUCTION STAGING SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION (SPECIAL).

LANE CLOSURES SHALL BE PERMITTED ONLY AS SPECIFIED IN THE SPECIAL PROVISINS "KEEPING ARTERIAL ROAD WAYS OPEN TO TRAFFIC".

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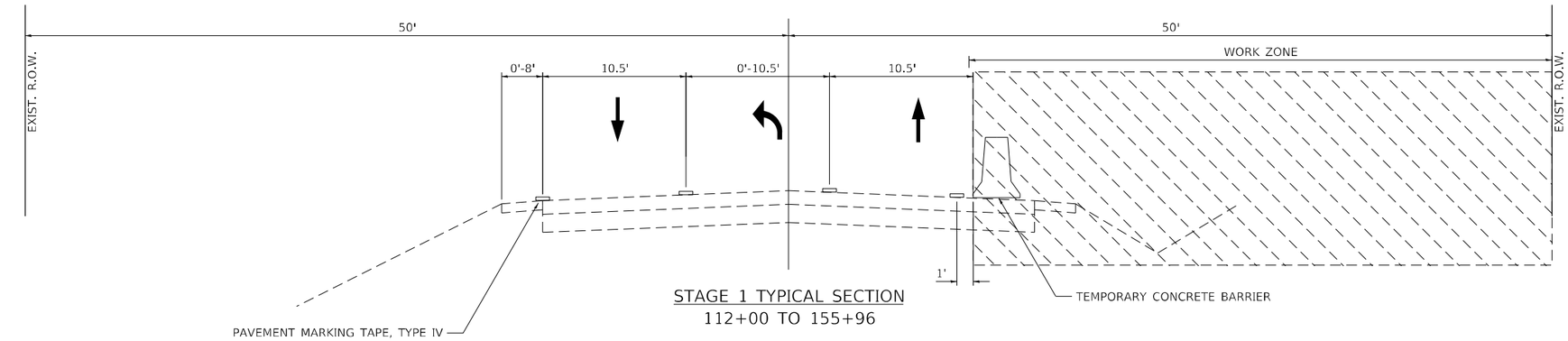
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

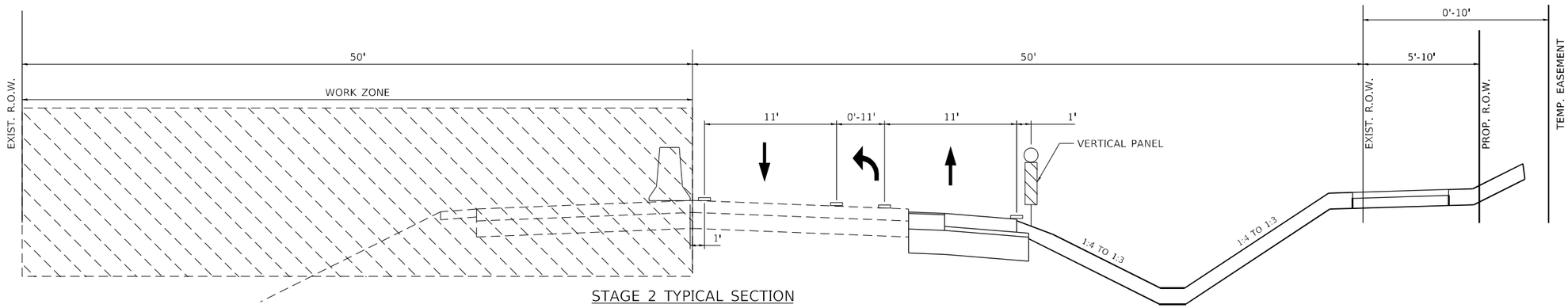
SUGGESTED MAINTENANCE OF TRAFFIC: SEQUENCE OF CONSTRUCTION
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: NONE | SHEET 1 OF 8 SHEETS | STA. - | TO STA. -

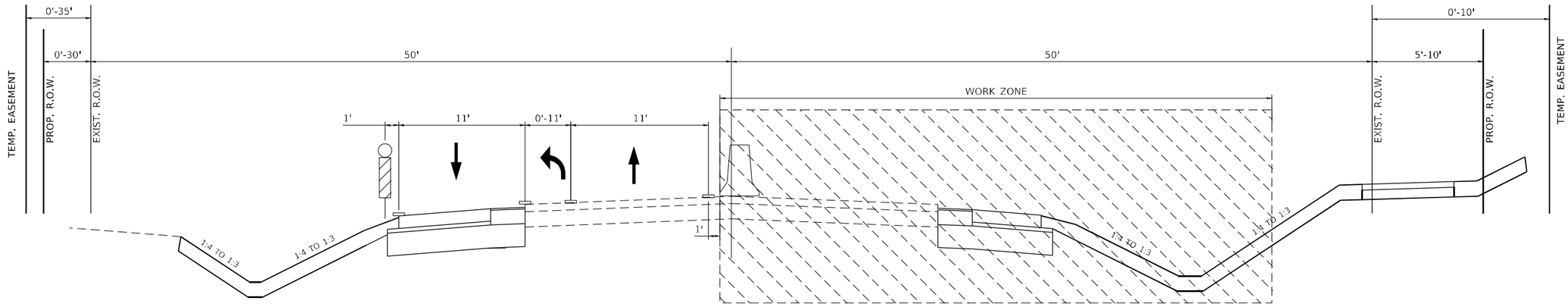
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	25
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



STAGE 1 TYPICAL SECTION
112+00 TO 155+96



STAGE 2 TYPICAL SECTION
112+00 TO 155+96



STAGE 3 TYPICAL SECTION
112+00 TO 155+96

NOTE:

TEMPORARY CONCRETE BARRIERS, VERTICAL PANELS, AND TEMPORARY PAVEMENT MARKINGS TO BE INSTALLED AS SHOWN IN SUGGESTED MAINTENANCE OF TRAFFIC SHEETS

TEMPORARY CONCRETE BARRIERS ARE TO BE PINNED AT TRAFFIC SIDE OF BARRIERS IN LOCATIONS SHOWN IN STAGING PLAN SHEETS.

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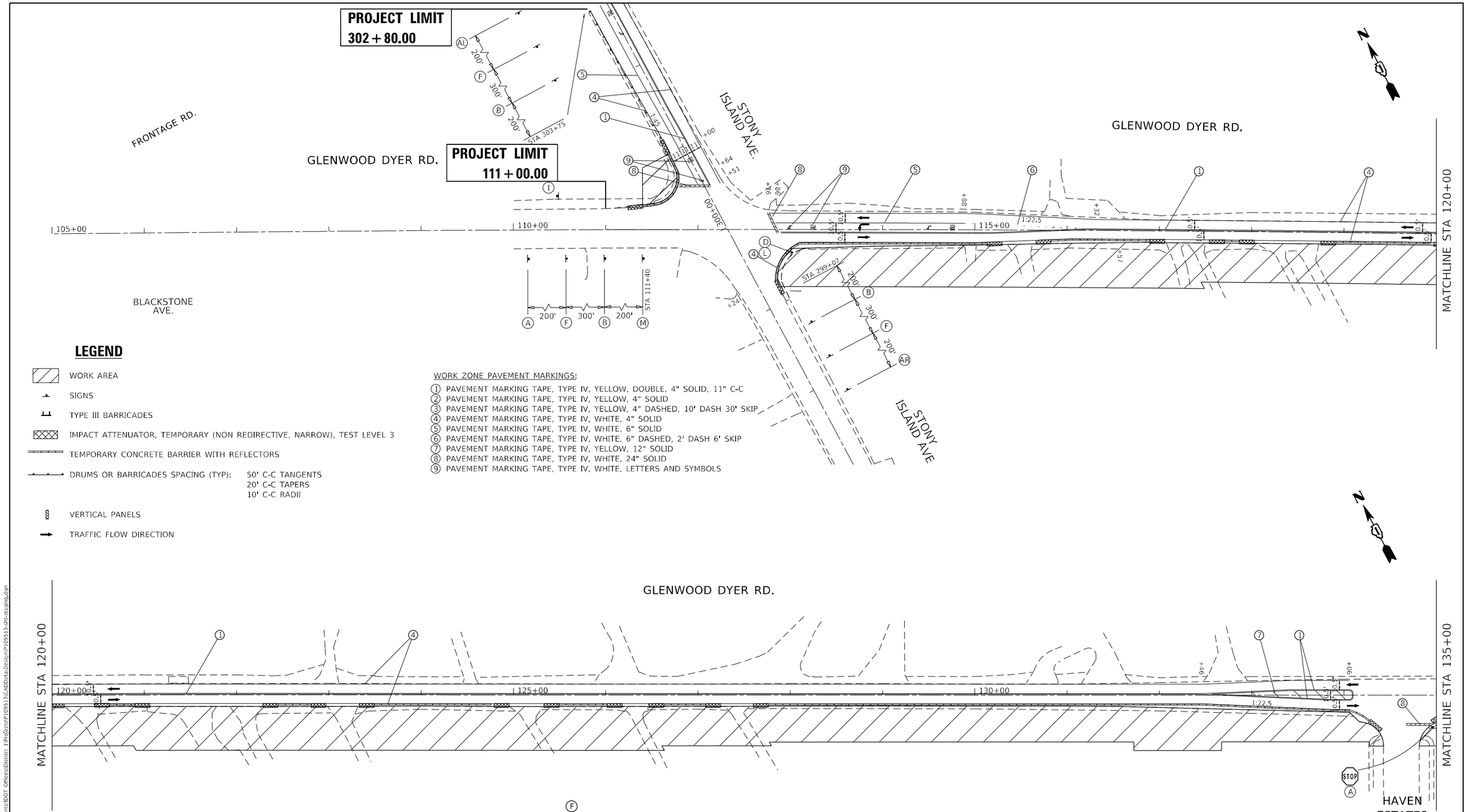
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -	
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

SUGGESTED MAINTENANCE OF TRAFFIC: TYPICAL SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: NONE | SHEET 2 OF 8 SHEETS | STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	26
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- IMPACT ATTENUATOR, TEMPORARY (NON REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH REFLECTORS
- DRUMS OR BARRICADES SPACING (TYP): 50' C-C TANGENTS, 20' C-C TAPERS, 10' C-C RADII
- VERTICAL PANELS
- TRAFFIC FLOW DIRECTION

WORK ZONE PAVEMENT MARKINGS:

1. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, DOUBLE, 4" SOLID, 11" C-C
2. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
3. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" DASHED, 10' DASH 30' SKIP
4. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
5. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" SOLID
6. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" DASHED, 2' DASH 6' SKIP
7. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 12" SOLID
8. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 24" SOLID
9. PAVEMENT MARKING TAPE, TYPE IV, WHITE, LETTERS AND SYMBOLS

* SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
** "PHOTO ENFORCED" PANEL TO BE USED ONLY ON IDOT ROUTES
TEMPORARY CONCRETE BARRIER AT ALL LOCATIONS IS TO BE PINNED IN STAGE 1

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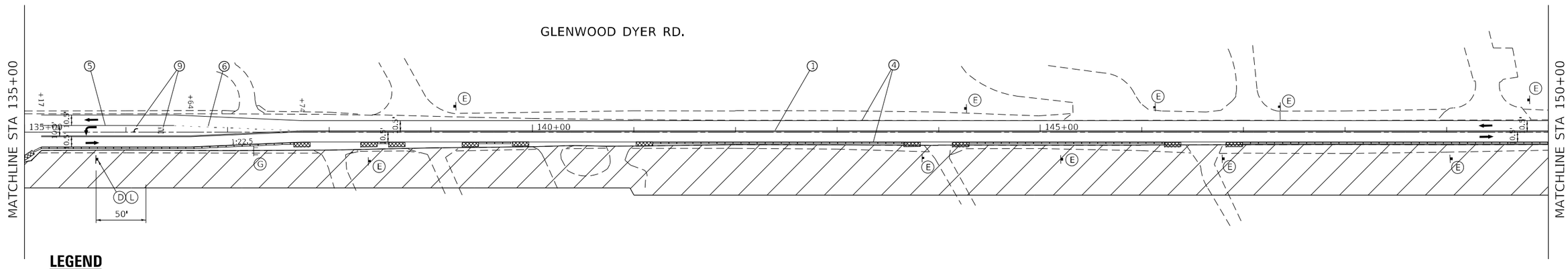
PLOT DATE = 4/30/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 1
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 3 OF 8 SHEETS | STA. 105+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	27
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

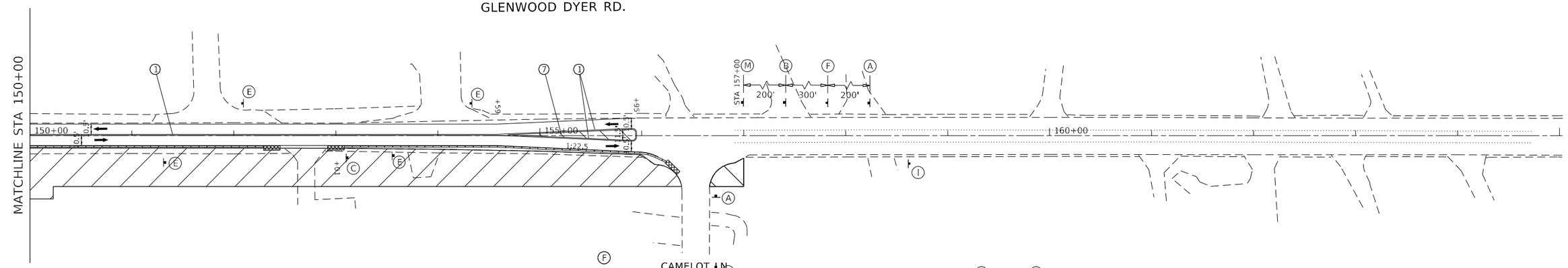


LEGEND

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- IMPACT ATTENUATOR, TEMPORARY (NON REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH REFLECTORS
- DRUMS OR BARRICADES SPACING (TYP): 50' C-C TANGENTS, 20' C-C TAPERS, 10' C-C RADII
- VERTICAL PANELS
- TRAFFIC FLOW DIRECTION

WORK ZONE PAVEMENT MARKINGS:

1. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, DOUBLE, 4" SOLID, 11" C-C
2. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
3. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" DASHED, 10' DASH 30' SKIP
4. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
5. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" SOLID
6. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" DASHED, 2' DASH 6' SKIP
7. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 12" SOLID
8. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 24" SOLID
9. PAVEMENT MARKING TAPE, TYPE IV, WHITE, LETTERS AND SYMBOLS



A. W20-I103(0)-48 — ROAD CONSTRUCTION AHEAD
AL. M6-1L(0)
AR. M6-1R(0)
AB. M6-4
B. W21-1(0)-48 *
C. W1-4R(0)-48
D. W1-4L(0)-48
E. SEE DETAIL TC 26 — DRIVEWAY ENTRANCE OR DRIVEWAY ENTRANCE
F. WORK ZONE SPEED LIMIT 40 PHOTO ENFORCED $250 FINE MINIMUM — W2-I115(0)-3618; R2-1-3648; ** R10-I108p-3618; R2-I106p-3618
G. WI-6L(0)-6030 ABOVE TYPE III BARRICADE
H. WI-6R(0)-6030 ABOVE TYPE III BARRICADE
I. END WORK ZONE SPEED LIMIT — G20-I103-6036
J. W-24-1-48
K. W-24-1-48
L. 35 MPH — W13-1(0)-24
M. 9'-0" — W12-I102 48"x48"

* SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
** "PHOTO ENFORCED" PANEL TO BE USED ONLY ON IDOT ROUTES
TEMPORARY CONCRETE BARRIER AT ALL LOCATIONS IS TO BE PINNED IN STAGE 1

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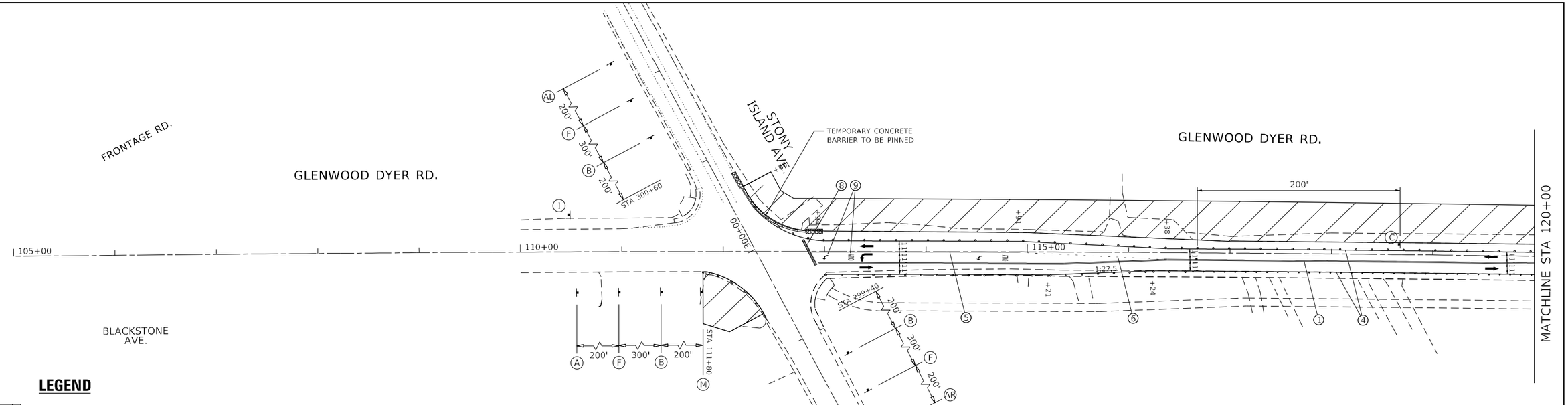
PLOT DATE = 4/30/2021	DATE - 3/25/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 1
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 4 OF 8 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	28
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

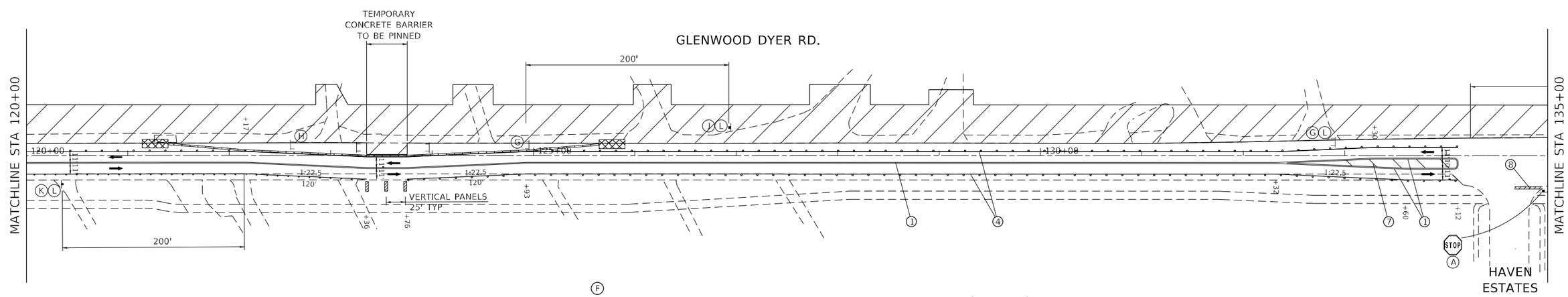


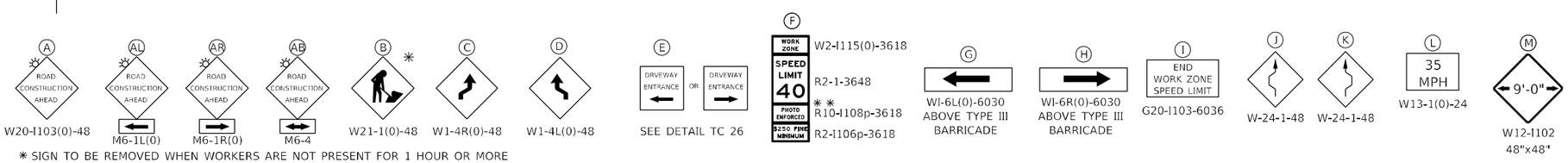
LEGEND

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- IMPACT ATTENUATOR, TEMPORARY (NON REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH REFLECTORS
- DRUMS OR BARRICADES SPACING (TYP): 50' C-C TANGENTS, 20' C-C TAPERS, 10' C-C RADII
- VERTICAL PANELS
- TRAFFIC FLOW DIRECTION

WORK ZONE PAVEMENT MARKINGS:

1. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, DOUBLE, 4" SOLID, 11" C-C
2. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
3. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" DASHED, 10' DASH 30' SKIP
4. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
5. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" SOLID
6. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" DASHED, 2' DASH 6' SKIP
7. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 12" SOLID
8. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 24" SOLID
9. PAVEMENT MARKING TAPE, TYPE IV, WHITE, LETTERS AND SYMBOLS





✳ SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
✳✳ "PHOTO ENFORCED" PANEL TO BE USED ONLY ON IDOT ROUTES

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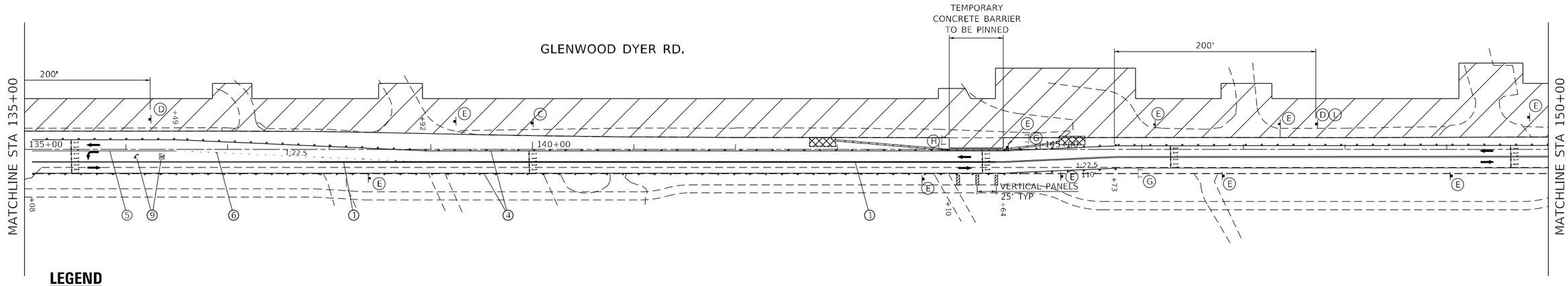
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 5 OF 8 SHEETS | STA. 105+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	29
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

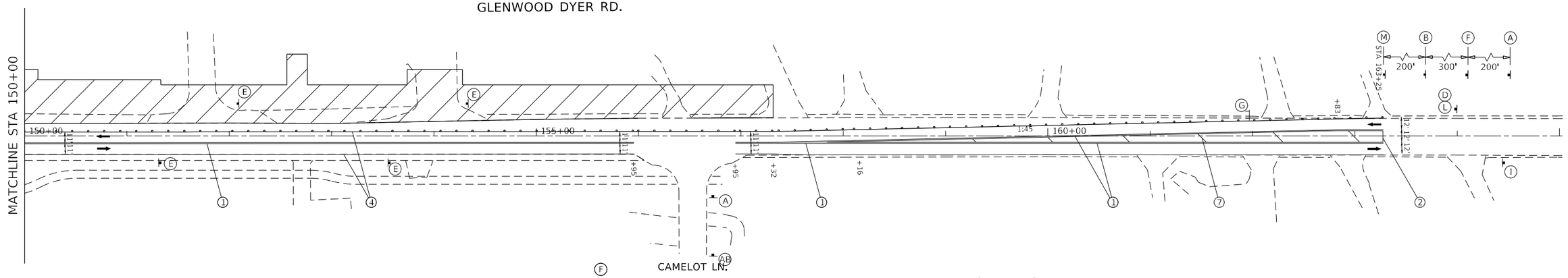


LEGEND

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- IMPACT ATTENUATOR, TEMPORARY (NON REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH REFLECTORS
- DRUMS OR BARRICADES SPACING (TYP): 50' C-C TANGENTS, 20' C-C TAPERS, 10' C-C RADII
- VERTICAL PANELS
- TRAFFIC FLOW DIRECTION

WORK ZONE PAVEMENT MARKINGS:

1. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, DOUBLE, 4" SOLID, 11" C-C
2. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
3. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" DASHED, 10' DASH 30' SKIP
4. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
5. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" SOLID
6. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" DASHED, 2' DASH 6' SKIP
7. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 12" SOLID
8. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 24" SOLID
9. PAVEMENT MARKING TAPE, TYPE IV, WHITE, LETTERS AND SYMBOLS



- A: W20-I103(0)-48 — ROAD CONSTRUCTION AHEAD
- AL: M6-1L(0) — ROAD CONSTRUCTION AHEAD
- AR: M6-1R(0) — ROAD CONSTRUCTION AHEAD
- AB: M6-4 — ROAD CONSTRUCTION AHEAD
- B: W21-1(0)-48 ✳
- C: W1-4R(0)-48
- D: W1-4L(0)-48
- E: SEE DETAIL TC 26 — DRIVEWAY ENTRANCE OR DRIVEWAY ENTRANCE
- F: WORK ZONE W2-I115(0)-3618; SPEED LIMIT 40 R2-1-3648; PHOTO ENFORCED ✳✳ R10-I108p-3618; $250 FINE MINIMUM R2-I106p-3618
- G: WI-6L(0)-6030 ABOVE TYPE III BARRICADE
- H: WI-6R(0)-6030 ABOVE TYPE III BARRICADE
- I: END WORK ZONE SPEED LIMIT G20-I103-6036
- J: W-24-1-48
- K: W-24-1-48
- L: 35 MPH W13-1(0)-24
- M: 9'-0" W12-I102 48"x48"

✳ SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE

✳✳ "PHOTO ENFORCED" PANEL TO BE USED ONLY ON IDOT ROUTES

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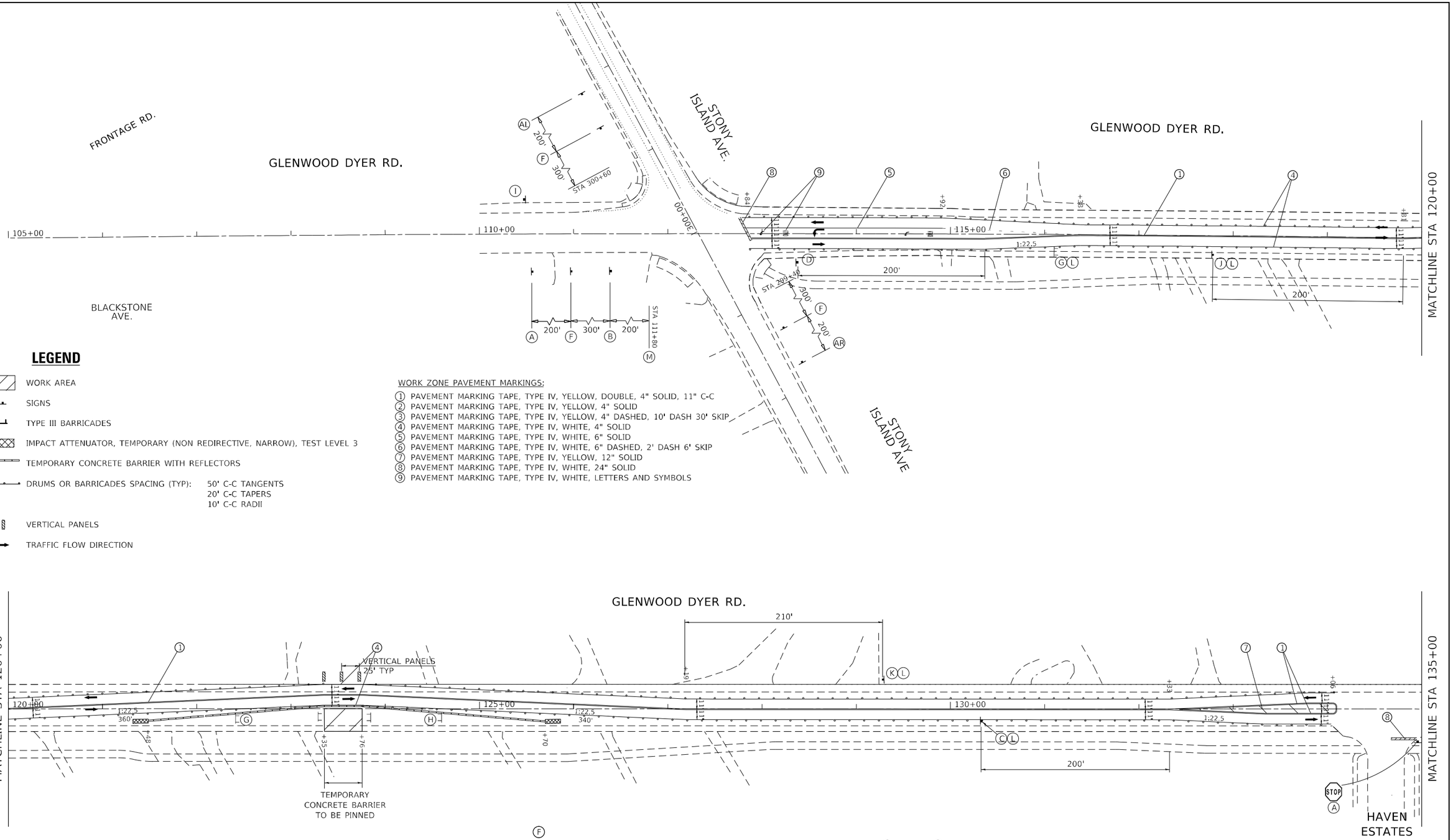
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 6 OF 8 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	30
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- IMPACT ATTENUATOR, TEMPORARY (NON REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH REFLECTORS
- DRUMS OR BARRICADES SPACING (TYP): 50' C-C TANGENTS, 20' C-C TAPERS, 10' C-C RADII
- VERTICAL PANELS
- TRAFFIC FLOW DIRECTION

WORK ZONE PAVEMENT MARKINGS:

1. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, DOUBLE, 4" SOLID, 11" C-C
2. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
3. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" DASHED, 10' DASH 30' SKIP
4. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
5. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" SOLID
6. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" DASHED, 2' DASH 6' SKIP
7. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 12" SOLID
8. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 24" SOLID
9. PAVEMENT MARKING TAPE, TYPE IV, WHITE, LETTERS AND SYMBOLS

A ROAD CONSTRUCTION AHEAD — W20-I103(0)-48
AL ROAD CONSTRUCTION AHEAD — M6-1L(0)
AR ROAD CONSTRUCTION AHEAD — M6-1R(0)
AB ROAD CONSTRUCTION AHEAD — M6-4
B * — W21-1(0)-48
C — W1-4R(0)-48
D — W1-4L(0)-48
E DRIVEWAY ENTRANCE OR DRIVEWAY ENTRANCE — SEE DETAIL TC 26
F WORK ZONE — W2-I115(0)-3618; SPEED LIMIT 40 — R2-1-3648; PHOTO ENFORCED — R10-I108p-3618; $250 FINE MINIMUM — R2-I106p-3618
G — WI-6L(0)-6030 ABOVE TYPE III BARRICADE
H — WI-6R(0)-6030 ABOVE TYPE III BARRICADE
I END WORK ZONE SPEED LIMIT — G20-I103-6036
J — W-24-1-48
K — W-24-1-48
L 35 MPH — W13-1(0)-24
M 9'-0" — W12-I102 48"x48"

* SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
** "PHOTO ENFORCED" PANEL TO BE USED ONLY ON IDOT ROUTES

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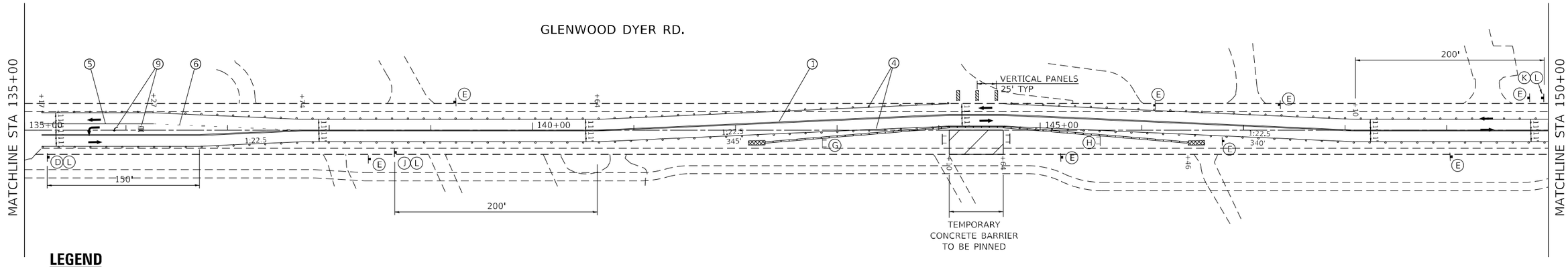
	DRAWN - RR	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -	
PLOT DATE = 4/30/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 7 OF 8 SHEETS | STA. 105+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	31
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

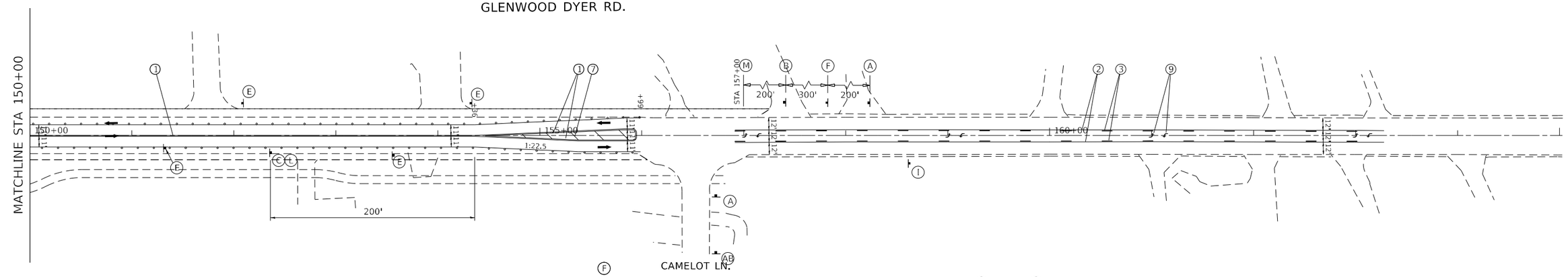


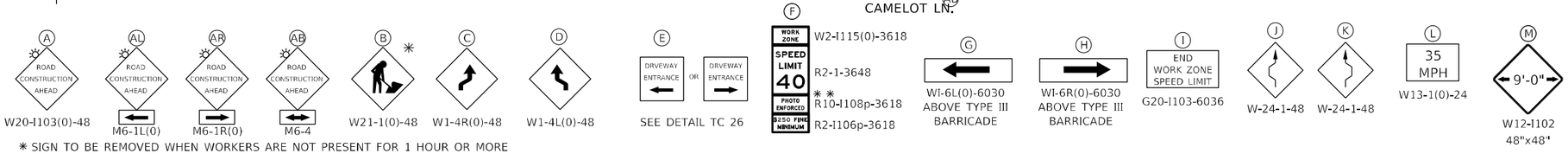
LEGEND

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- IMPACT ATTENUATOR, TEMPORARY (NON REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH REFLECTORS
- DRUMS OR BARRICADES SPACING (TYP): 50' C-C TANGENTS, 20' C-C TAPERS, 10' C-C RADII
- VERTICAL PANELS
- TRAFFIC FLOW DIRECTION

WORK ZONE PAVEMENT MARKINGS:

1. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, DOUBLE, 4" SOLID, 11" C-C
2. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
3. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" DASHED, 10' DASH 30' SKIP
4. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
5. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" SOLID
6. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 6" DASHED, 2' DASH 6' SKIP
7. PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 12" SOLID
8. PAVEMENT MARKING TAPE, TYPE IV, WHITE, 24" SOLID
9. PAVEMENT MARKING TAPE, TYPE IV, WHITE, LETTERS AND SYMBOLS





✱ SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE
✱✱ "PHOTO ENFORCED" PANEL TO BE USED ONLY ON IDOT ROUTES

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 8 OF 8 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	32

CONTRACT NO. 62F84

ILLINOIS FED. AID PROJECT

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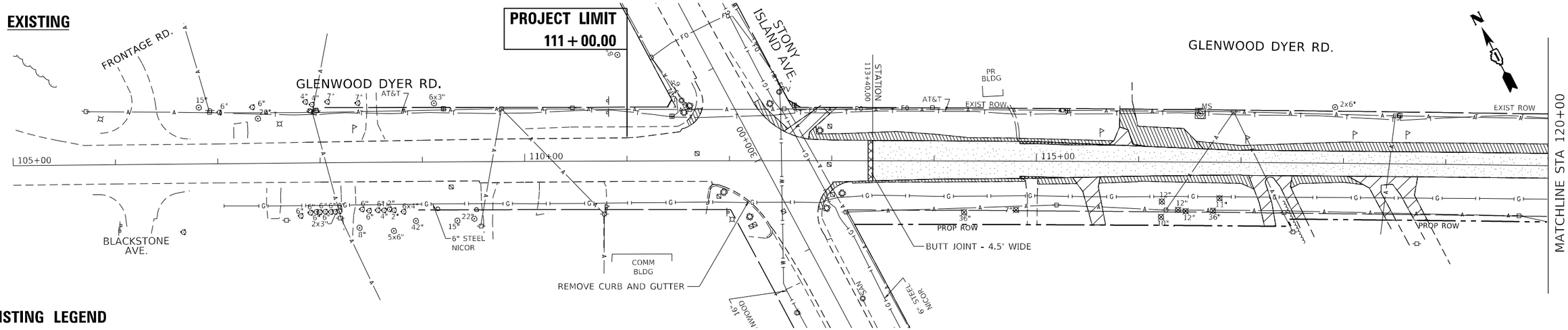
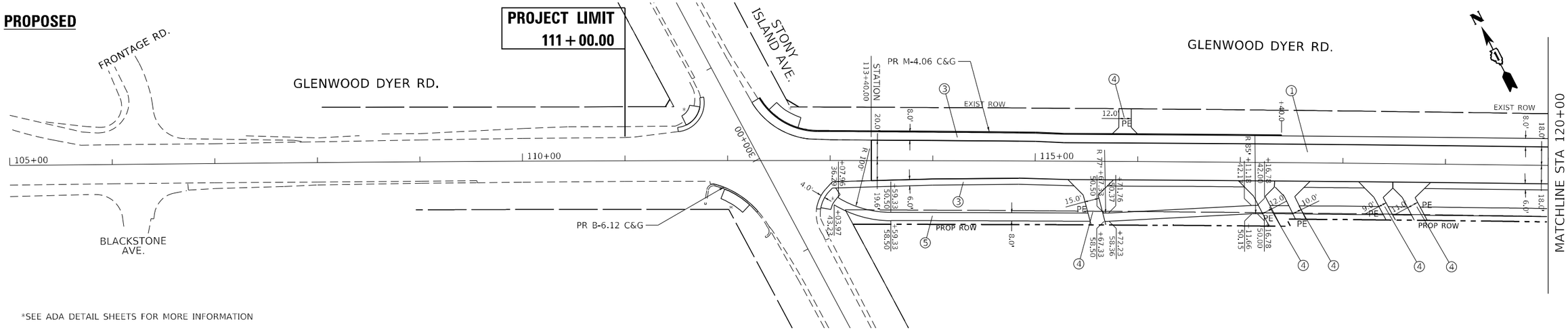


EXISTING LEGEND

- PAVEMENT SURFACE REMOVAL, 2.25"
- PAVEMENT REMOVAL (AT WIDENING PORTIONS)
- AGGREGATE DRIVEWAY AND SHOULDER REMOVAL (TO BE PAID AS REMOVE UNSUITABLE MATERIAL)
- DRIVEWAY PAVEMENT REMOVAL (HMA DRIVEWAYS)
- × TREE REMOVAL (SEE TREE REMOVAL SCHEDULE)
- TREE PROTECTION WITH ROOT PRUNING

PROPOSED



*SEE ADA DETAIL SHEETS FOR MORE INFORMATION

PROPOSED LEGEND

① RESURFACING AND PAVEMENT WIDENING (HSIP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

② RESURFACING ONLY (STP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"

③ HMA SHOULDERS, 8":
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
HMA BINDER COURSE, IL-19.0, N70, 6.5"

④ DRIVEWAYS:
HMA DRIVEWAY PAVEMENT 8" (SQYD)
HMA DRIVEWAY PAVEMENT 10" (SQYD)

⑤ MULTI-USE PATH:
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
AGGREGATE BASE COURSE, TYPE B 6"

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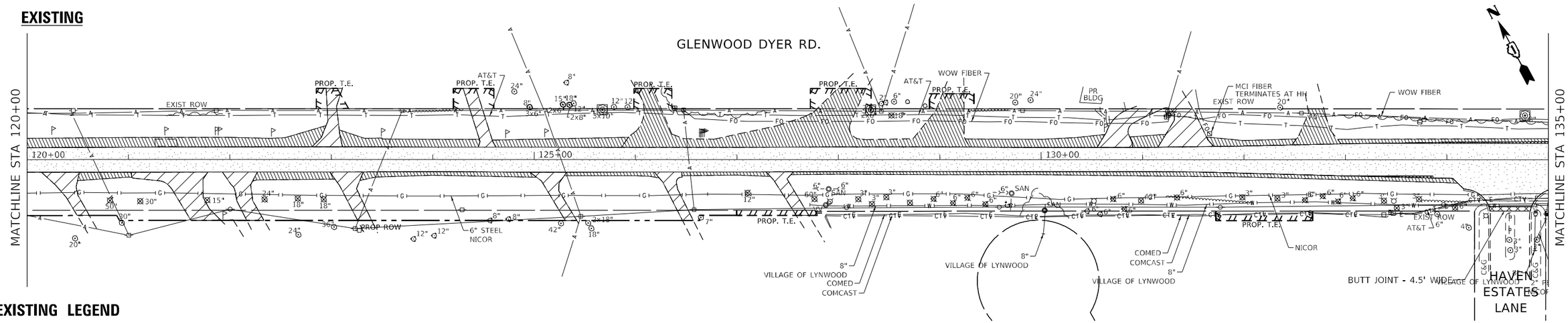
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 1 OF 6 SHEETS | STA. 105+00 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	33
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

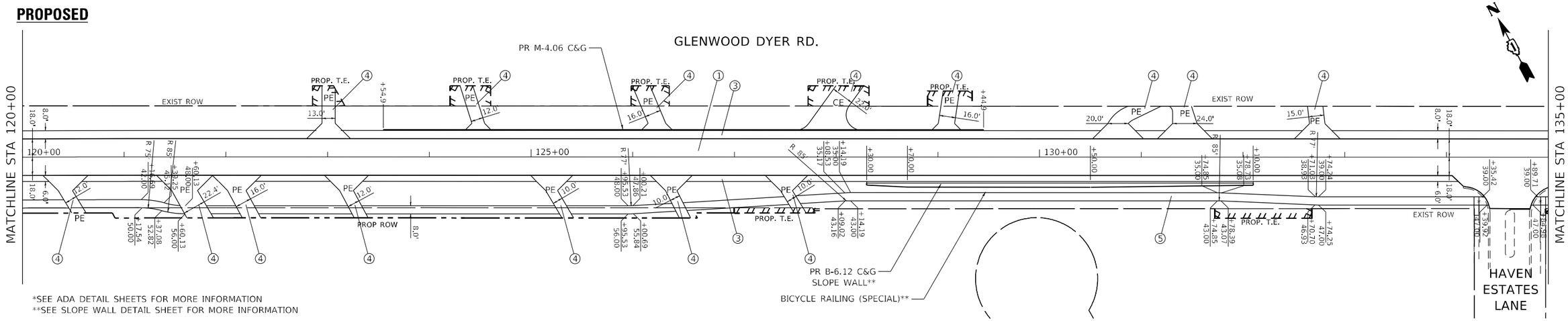
EXISTING



EXISTING LEGEND

- PAVEMENT SURFACE REMOVAL, 2.25"
- PAVEMENT REMOVAL (AT WIDENING PORTIONS)
- AGGREGATE DRIVEWAY AND SHOULDER REMOVAL (TO BE PAID AS REMOVE UNSUITABLE MATERIAL)
- DRIVEWAY PAVEMENT REMOVAL (HMA DRIVEWAYS)
- × TREE REMOVAL (SEE TREE REMOVAL SCHEDULE)
- TREE PROTECTION WITH ROOT PRUNING

PROPOSED



*SEE ADA DETAIL SHEETS FOR MORE INFORMATION
**SEE SLOPE WALL DETAIL SHEET FOR MORE INFORMATION

PROPOSED LEGEND

① RESURFACING AND PAVEMENT WIDENING (HSIP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

② RESURFACING ONLY (STP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"

③ HMA SHOULDERS, 8":
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
HMA BINDER COURSE, IL-19.0, N70, 6.5"

④ DRIVEWAYS:
HMA DRIVEWAY PAVEMENT 8" (SQYD)
HMA DRIVEWAY PAVEMENT 10" (SQYD)

⑤ MULTI-USE PATH:
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
AGGREGATE BASE COURSE, TYPE B 6"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 2 OF 6 SHEETS | STA. 120+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	34
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

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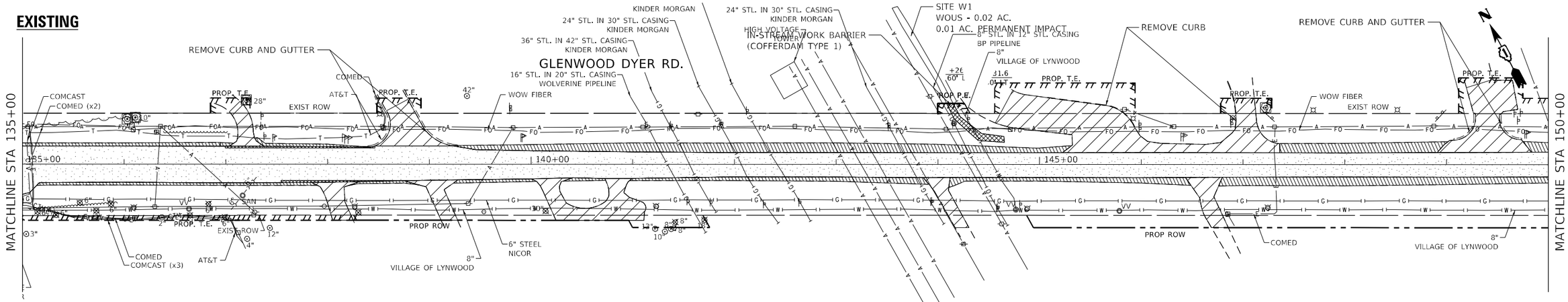
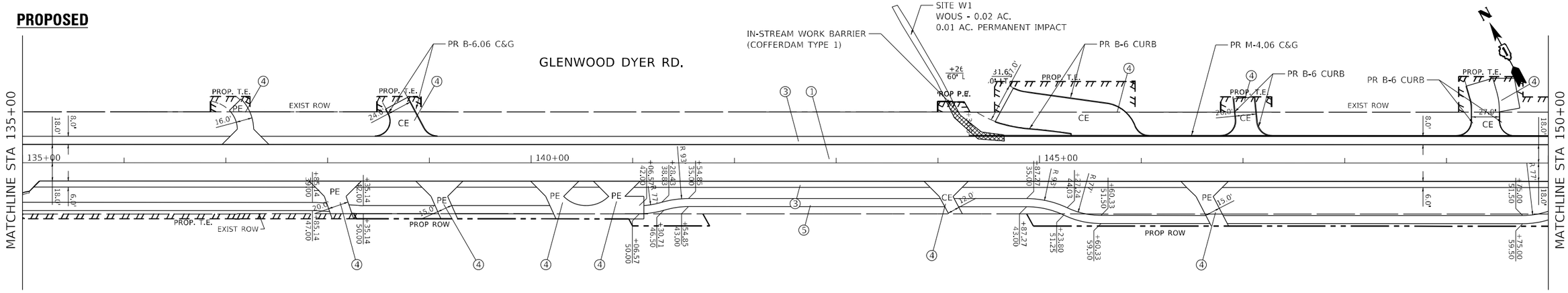


EXISTING LEGEND

- PAVEMENT SURFACE REMOVAL, 2.25"
- PAVEMENT REMOVAL (AT WIDENING PORTIONS)
- AGGREGATE DRIVEWAY AND SHOULDER REMOVAL (TO BE PAID AS REMOVE UNSUITABLE MATERIAL)
- DRIVEWAY PAVEMENT REMOVAL (HMA DRIVEWAYS)
- × TREE REMOVAL (SEE TREE REMOVAL SCHEDULE)
- TREE PROTECTION WITH ROOT PRUNING

PROPOSED



PROPOSED LEGEND

① RESURFACING AND PAVEMENT WIDENING (HSIP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

② RESURFACING ONLY (STP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"

③ HMA SHOULDERS, 8":
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
HMA BINDER COURSE, IL-19.0, N70, 6.5"

④ DRIVEWAYS:
HMA DRIVEWAY PAVEMENT 8" (SQYD)
HMA DRIVEWAY PAVEMENT 10" (SQYD)

⑤ MULTI-USE PATH:
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
AGGREGATE BASE COURSE, TYPE B 6"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 3 OF 6 SHEETS | STA. 135+00 TO STA. 150+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	35
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

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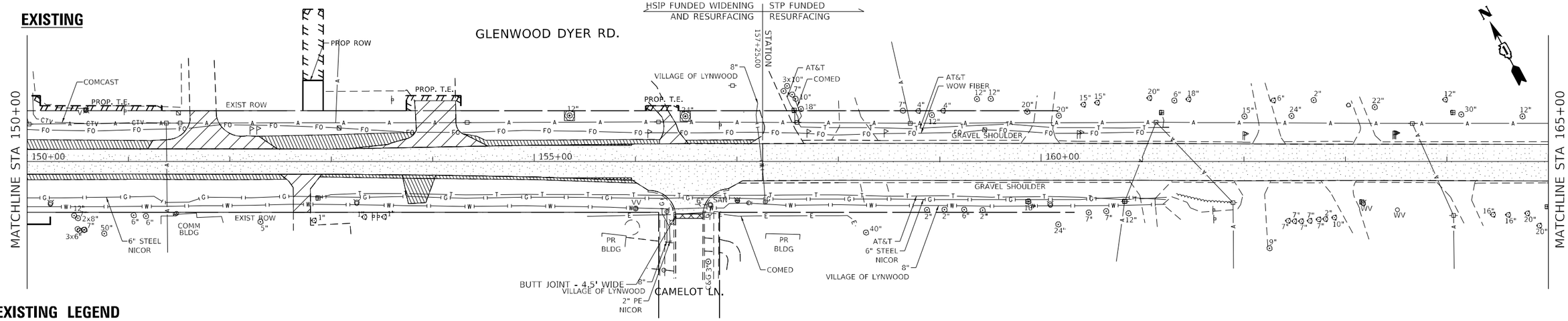
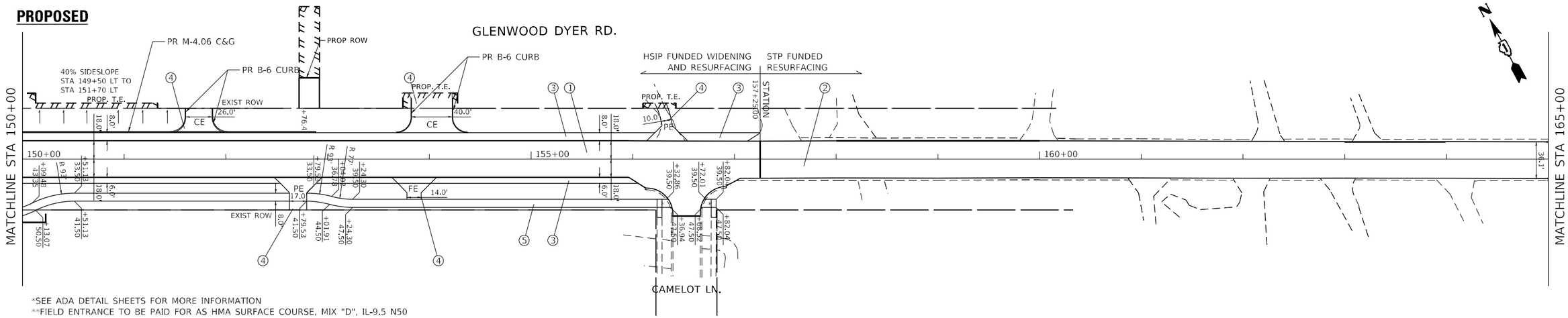


EXISTING LEGEND

- PAVEMENT SURFACE REMOVAL, 2.25"
- PAVEMENT REMOVAL (AT WIDENING PORTIONS)
- AGGREGATE DRIVEWAY AND SHOULDER REMOVAL (TO BE PAID AS REMOVE UNSUITABLE MATERIAL)
- DRIVEWAY PAVEMENT REMOVAL (HMA DRIVEWAYS)
- × TREE REMOVAL (SEE TREE REMOVAL SCHEDULE)
- TREE PROTECTION WITH ROOT PRUNING

PROPOSED



*SEE ADA DETAIL SHEETS FOR MORE INFORMATION
**FIELD ENTRANCE TO BE PAID FOR AS HMA SURFACE COURSE, MIX "D", IL-9.5 N50

PROPOSED LEGEND

① RESURFACING AND PAVEMENT WIDENING (HSIP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

② RESURFACING ONLY (STP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"

③ HMA SHOULDERS, 8":
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
HMA BINDER COURSE, IL-19.0, N70, 6.5"

④ DRIVEWAYS:
HMA DRIVEWAY PAVEMENT 8" (SQYD)
HMA DRIVEWAY PAVEMENT 10" (SQYD)

⑤ MULTI-USE PATH:
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
AGGREGATE BASE COURSE, TYPE B 6"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 4 OF 6 SHEETS | STA. 150+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

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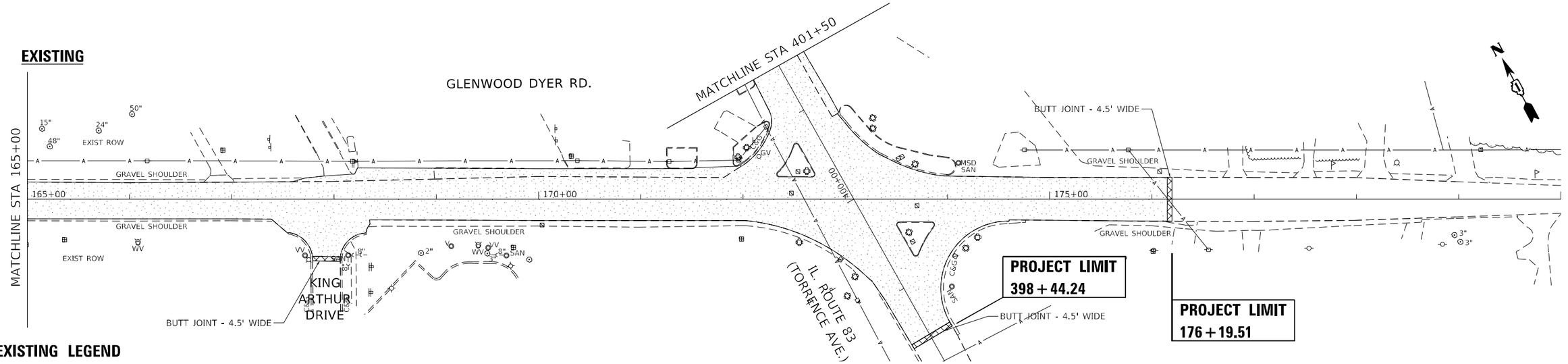
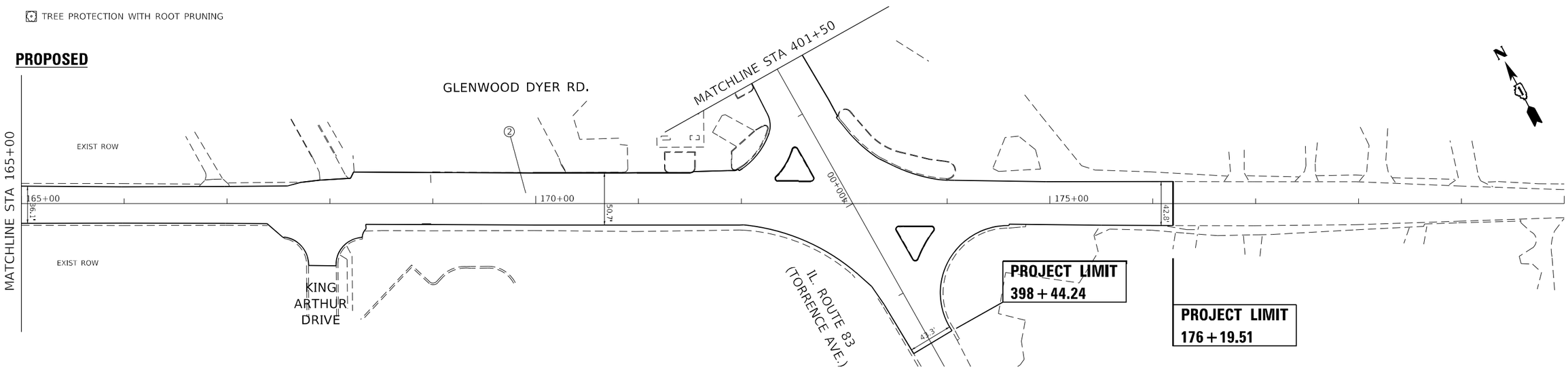


EXISTING LEGEND

- PAVEMENT SURFACE REMOVAL, 2.25"
- PAVEMENT REMOVAL (AT WIDENING PORTIONS)
- AGGREGATE DRIVEWAY AND SHOULDER REMOVAL (TO BE PAID AS REMOVE UNSUITABLE MATERIAL)
- DRIVEWAY PAVEMENT REMOVAL (HMA DRIVEWAYS)
- × TREE REMOVAL (SEE TREE REMOVAL SCHEDULE)
- TREE PROTECTION WITH ROOT PRUNING

PROPOSED



PROPOSED LEGEND

① RESURFACING AND PAVEMENT WIDENING (HSIP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

② RESURFACING ONLY (STP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"

③ HMA SHOULDERS, 8":
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
HMA BINDER COURSE, IL-19.0, N70, 6.5"

④ DRIVEWAYS:
HMA DRIVEWAY PAVEMENT 8" (SQYD)
HMA DRIVEWAY PAVEMENT 10" (SQYD)

⑤ MULTI-USE PATH:
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
AGGREGATE BASE COURSE, TYPE B 6"

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EXISTING AND PROPOSED ROADWAY PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 5 OF 6 SHEETS | STA. 165+00 TO STA. 180+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	37
		CONTRACT NO. 62F84		
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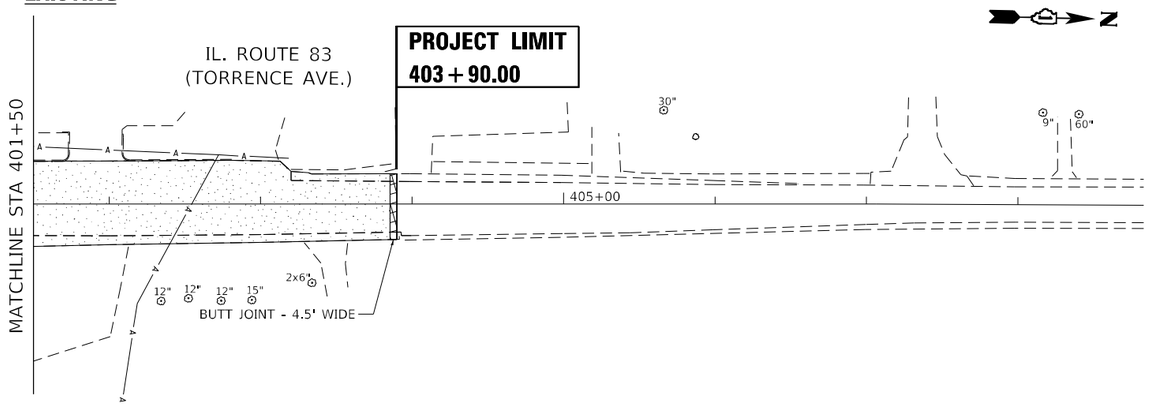
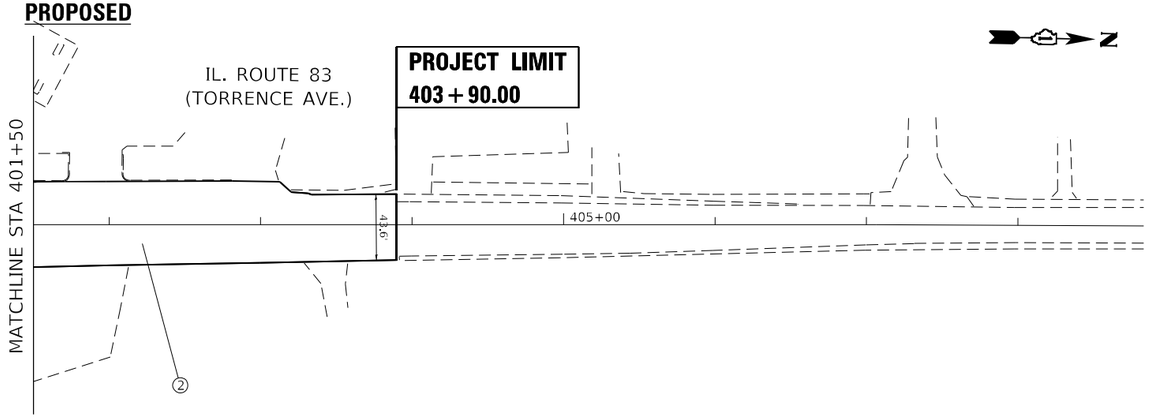


EXISTING LEGEND

- PAVEMENT SURFACE REMOVAL, 2.25"
- PAVEMENT REMOVAL (AT WIDENING PORTIONS)
- AGGREGATE DRIVEWAY AND SHOULDER REMOVAL (TO BE PAID AS REMOVE UNSUITABLE MATERIAL)
- DRIVEWAY PAVEMENT REMOVAL (HMA DRIVEWAYS)
- × TREE REMOVAL (SEE TREE REMOVAL SCHEDULE)
- TREE PROTECTION WITH ROOT PRUNING

PROPOSED



PROPOSED LEGEND

① RESURFACING AND PAVEMENT WIDENING (HSIP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
POLYMERIZED HOT-MIX APSHALT BINDER COURSE, IL-4.75, N50, 0.75"
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 8"
OR HMA BASE COURSE (HMA BINDER IL-19 mm), 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

② RESURFACING ONLY (STP FUNDED):
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
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③ HMA SHOULDERS, 8":
HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
HMA BINDER COURSE, IL-19.0, N70, 6.5"

④ DRIVEWAYS:
HMA DRIVEWAY PAVEMENT 8" (SQYD)
HMA DRIVEWAY PAVEMENT 10" (SQYD)

⑤ MULTI-USE PATH:
HMA SURFACE COURSE, MIX D, IL-9.5, N50, 2"
AGGREGATE BASE COURSE, TYPE B 6"

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PLOT DATE = 5/5/2021	DATE - 3/25/2021	REVISED -	

EXISTING AND PROPOSED ROADWAY PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 6 OF 6 SHEETS | STA. 401+50 TO STA. 409+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62F84		
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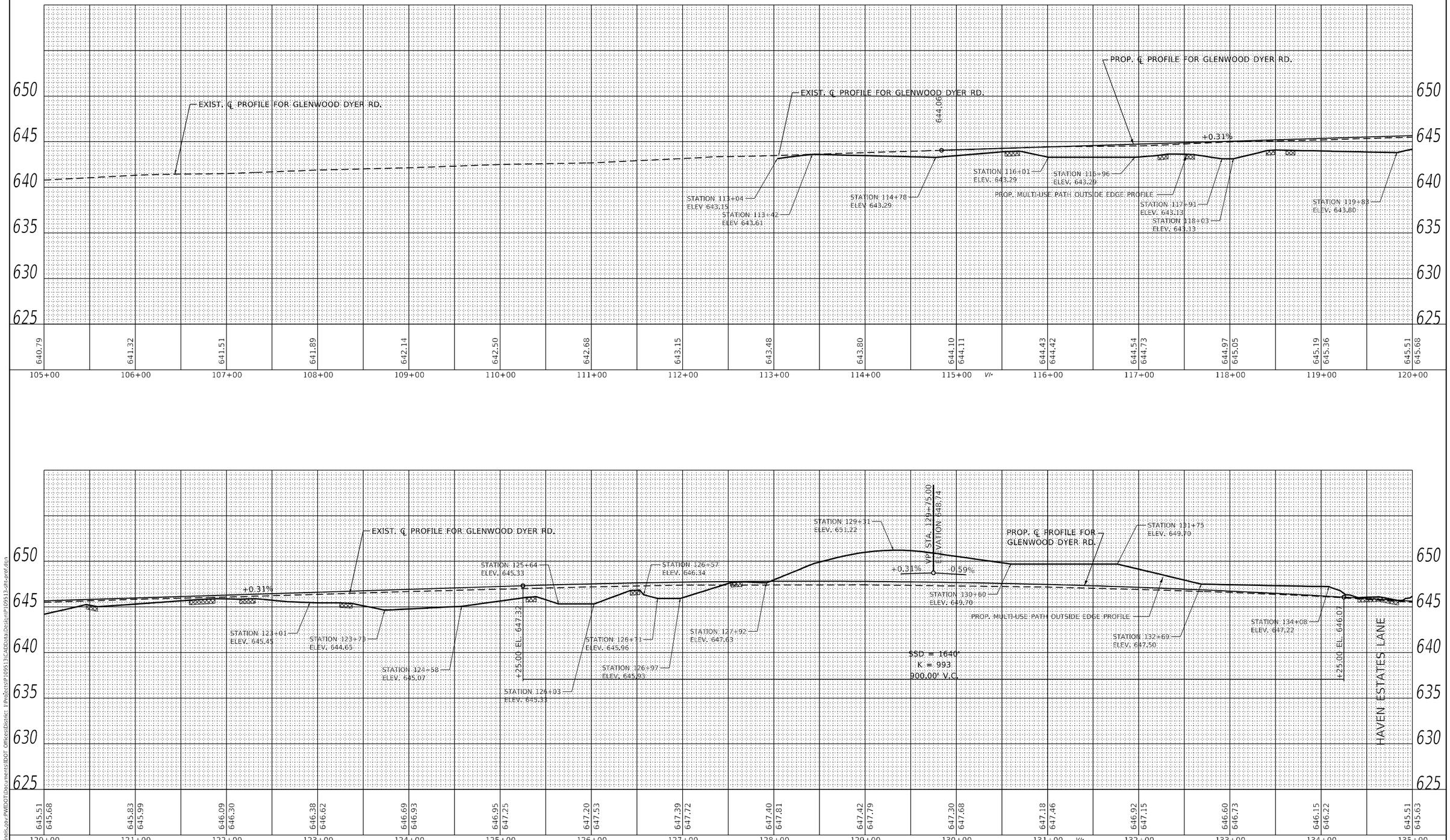

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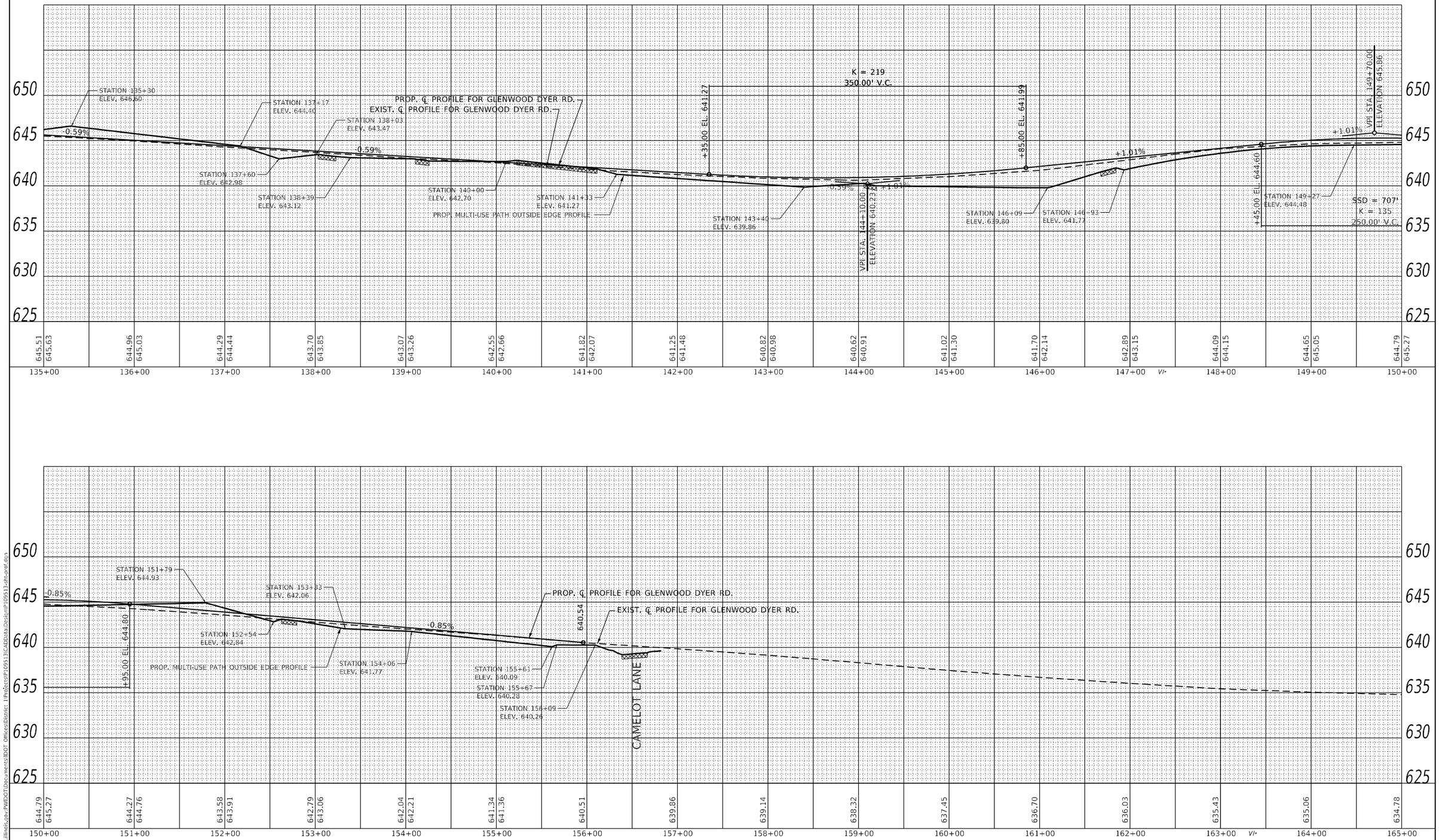
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 105+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	39
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	40
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

EROSION CONTROL NOTES

1. INSTALL PERIMITER EROSION BARRIER ALONG ROW AND TEMPORARY EASEMENTS AS SHOWN ON PLANS. PERMITER EROSION BARRIER SHALL BE PLACED 12 INCHES FROM THE ROW OR EASEMENTS. THE BARRIER SHALL BE PLACED PRIOR TO THE INVOLVED AREA BEING DISTURBED.

2. EXCAVATION FOR THE INSTALLATION OF RIP RAP WILL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" PER CUYD.

3. INSTALL INLET FILTERS ON ALL OPEN STRUCTURES. INLET PROTECTION SHALL BE PLACED PRIOR TO INVOLVED AREA BEING DISTURBED.

4. TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 IS TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS.

5. AT ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

6. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.

7. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL).

8. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

9. THE CONTRACTOR SHALL CHECK ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY, DURING THE WINTER MONTHS ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

10. THE CONTRACTOR SHOULD PROVIDE TO THE RESIDENT ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN EROSION CONTROL DEFICIENCY DEDUCTION.

11. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS 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 SEPERATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

12. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OF MORE.

13. UNDER NO CIRUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

14. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.

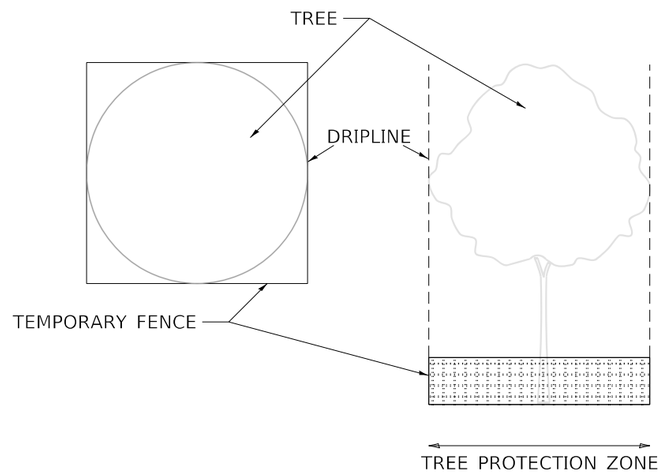
15. "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

16. THE PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM AND WELAND WORK TEHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDE IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

17. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND 5A (MODIFIED) SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.

18. THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT OF THE SEEDING, TREES, SHRUBS, VINES PERENNIALS, AND PLUGS.

TREE PROTECTION ZONE DETAIL



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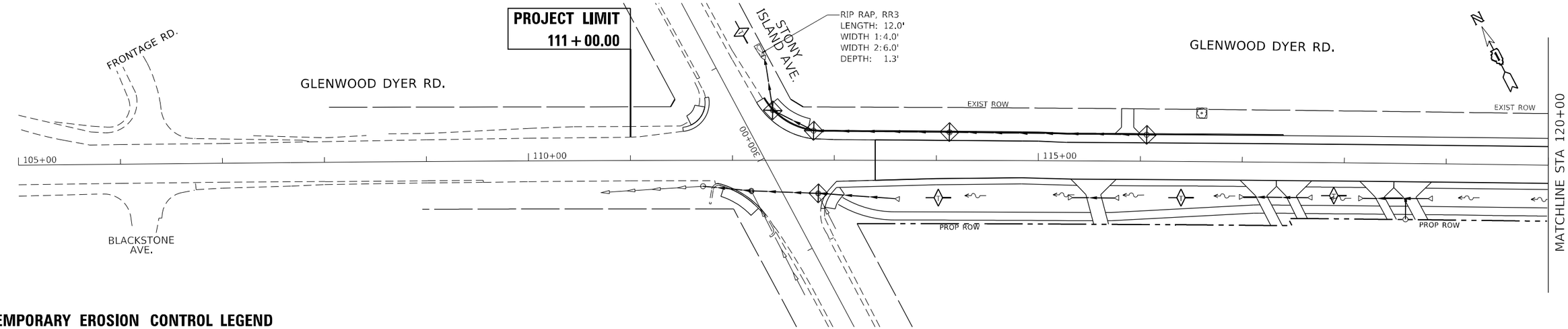
EROSION CONTROL PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

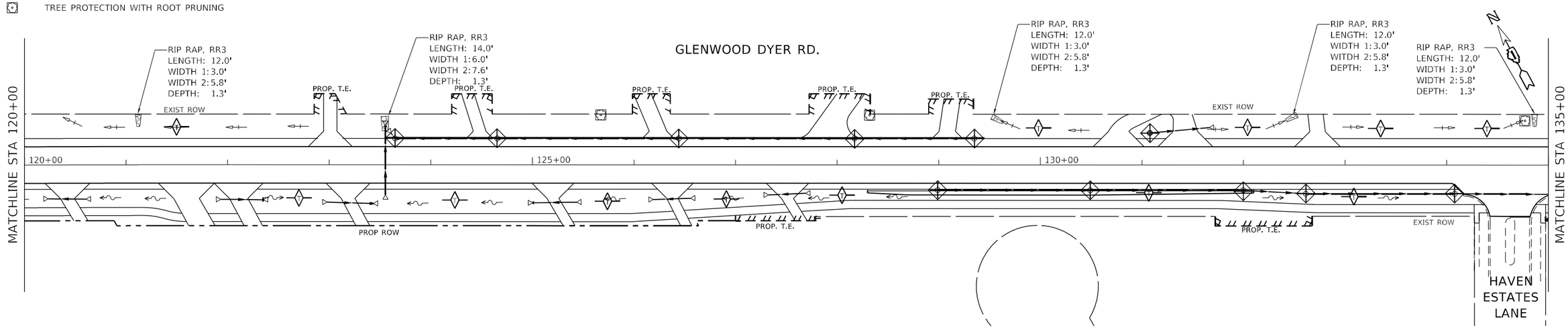
SCALE: NONE | SHEET 1 OF 3 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	41
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



TEMPORARY EROSION CONTROL LEGEND

- PERIMITER EROSION BARRIER
- TEMPORARY FENCE
- INLET FILTER
- TEMPORARY DITCH CHECK
- RIP RAP
- TREE PROTECTION WITH ROOT PRUNING



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PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

EROSION CONTROL PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 2 OF 3 SHEETS | STA. 105+00 | TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	42
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

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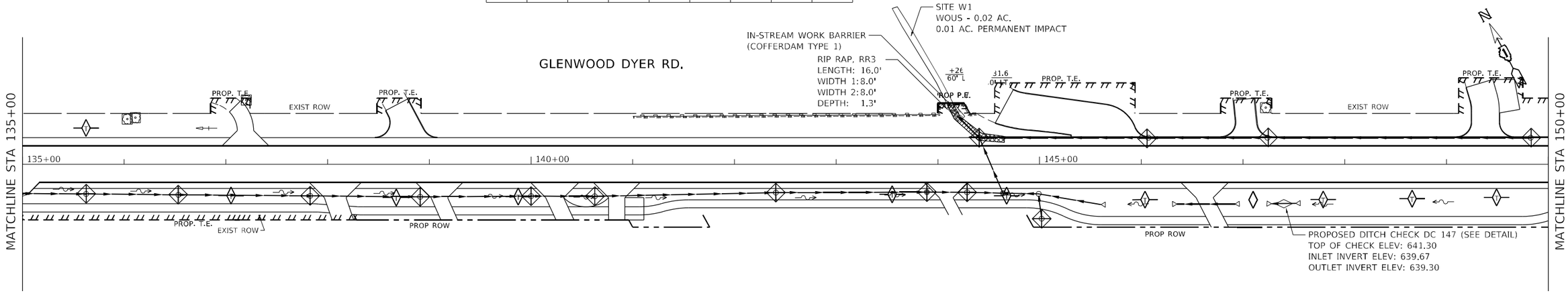
WATERWAY INFORMATION

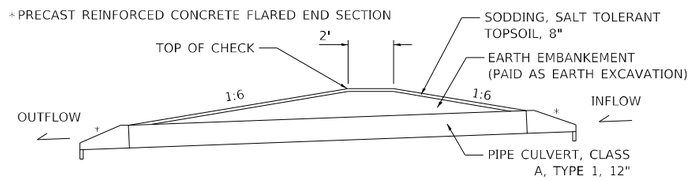
DRAINAGE AREA = 0.04 SQ.MI.								
FLOOD	FREQ.	Q	OPENING SQ. FT.		HEAD - FT.		HEADWATER EL.	
	YR.	C.F.S.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.
PEAK	2	9.4	21	21	1.3	1.3	633.8	633.8

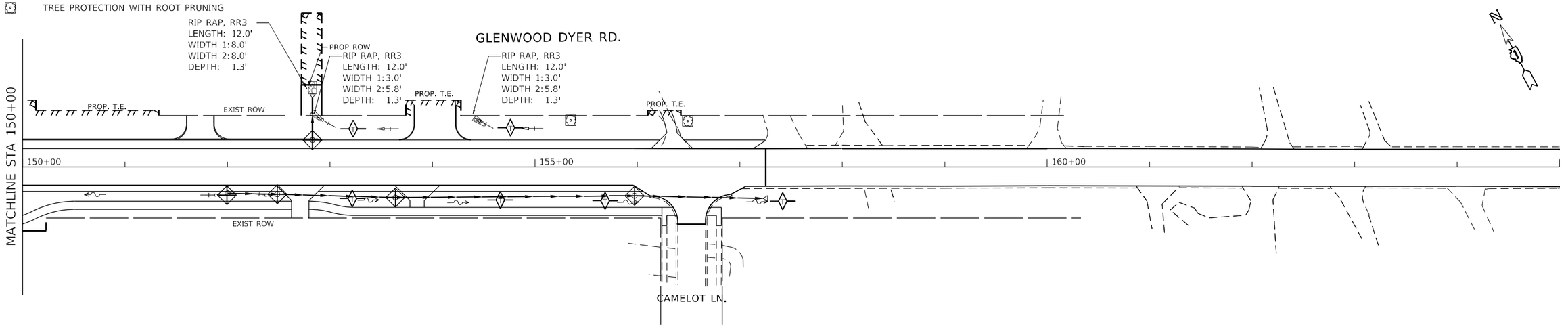


TEMPORARY EROSION CONTROL LEGEND

- PERIMITER EROSION BARRIER
- TEMPORARY FENCE
- INLET FILTER
- TEMPORARY DITCH CHECK
- RIP RAP
- TREE PROTECTION WITH ROOT PRUNING

PERMANENT DITCH CHECK DETAIL





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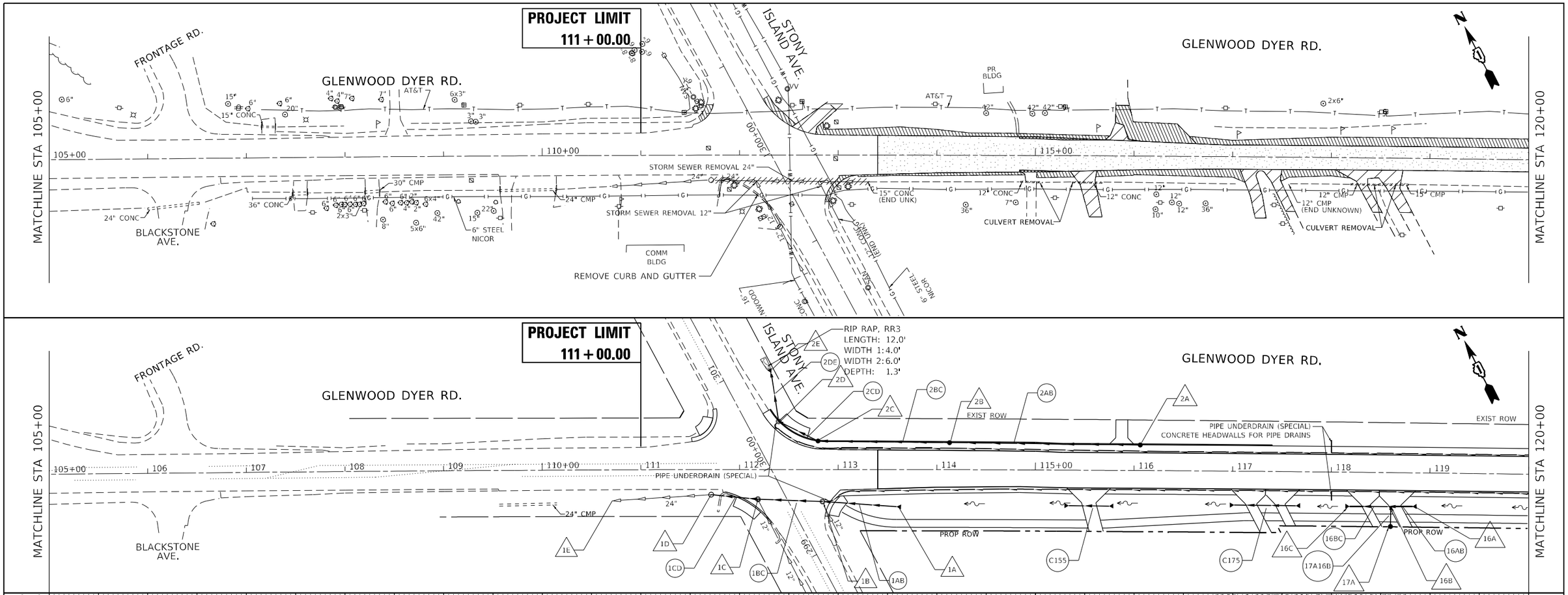
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

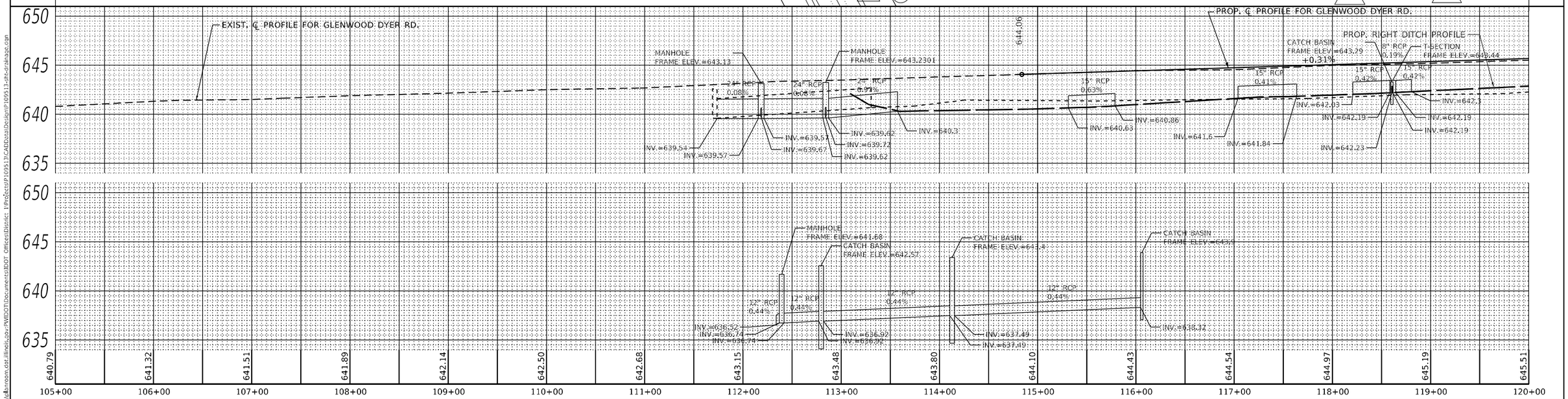
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 3 OF 3 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	43
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	





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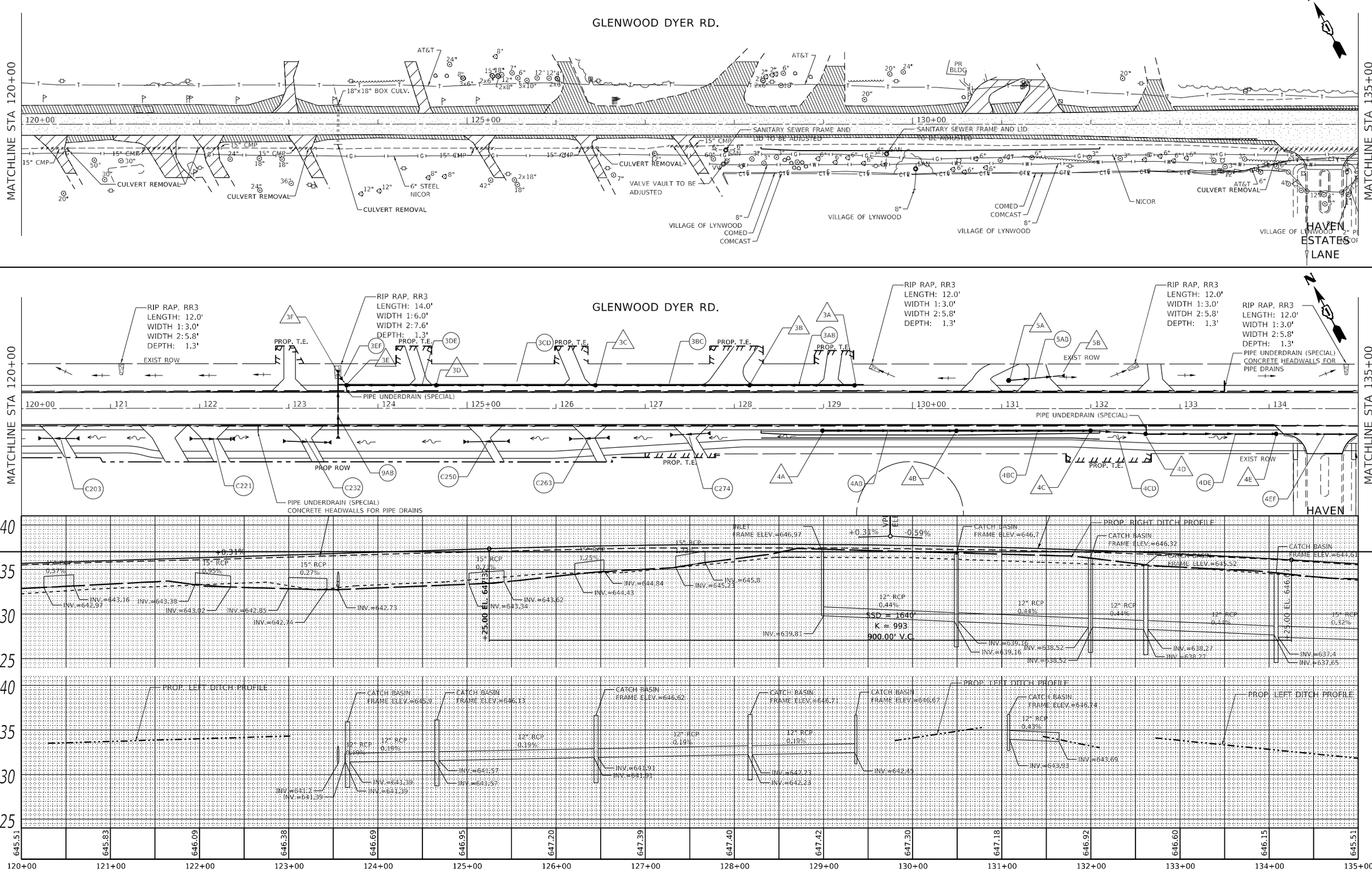
PLOT DATE = 5/5/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 1 OF 5 SHEETS | STA. 105+00 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	44
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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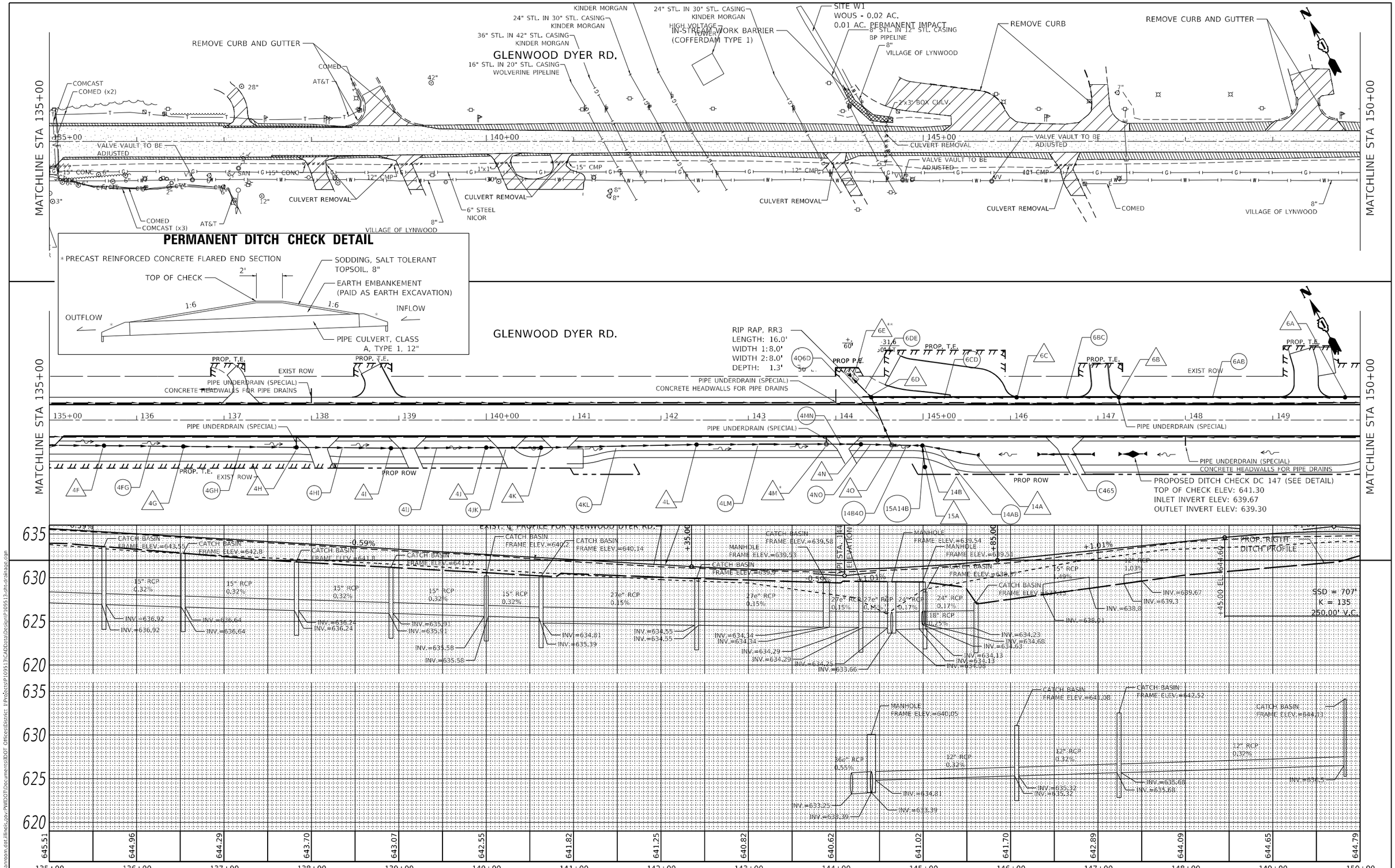
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 2 OF 5 SHEETS | STA. 120+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	45
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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PLOT DATE = 5/5/2021	DATE - 3/25/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 3 OF 5 SHEETS | STA. 135+00 TO STA. 150+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	46

CONTRACT NO. 62F84

ILLINOIS FED. AID PROJECT

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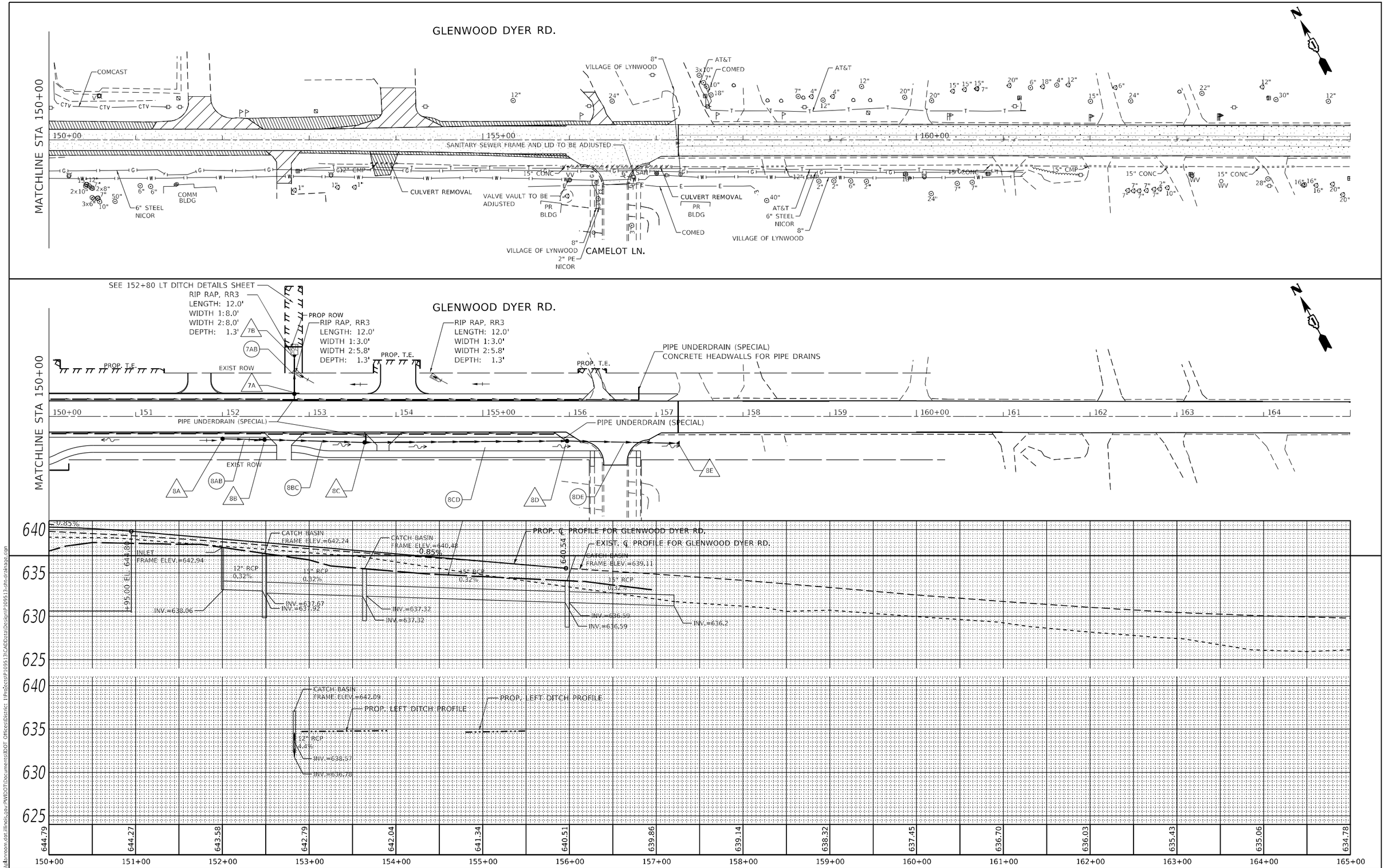

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 4 OF 5 SHEETS | STA. 150+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	47

CONTRACT NO. 62F84

ILLINOIS FED. AID PROJECT

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STRUCTURE SCHEDULE

ID	STATION	OFFSET	LID ELEVATION	INVERT				PAY ITEM
				N	S	W	E	
1A	113+59.33	37.45				640.30		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"
1B	112+84.18	32.55	643.23		639.72	639.62	639.62	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
1C	112+18.56	29.97	643.13		639.67	639.57	639.57	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID
1D	111+71.21	25.37	642.54			639.54	639.54	EXISTING STRUCTURE
1E	110+70.53	30.52					639.54	EXISTING STRUCTURE
2A	116+06.05	-26.00	643.90			638.32		CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE
2B	114+12.97	-27.57	643.40			637.49	637.49	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
2C	112+79.60	-28.95	642.57			636.92	636.92	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
2D	112+39.41	-48.89	641.68			636.74	636.74	*MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID
2E	112+31.93	-102.23					636.52	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
3A	129+36.29	-27.97	646.67			642.45		CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE
3B	128+17.68	-27.94	646.71			642.23	642.23	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
3C	126+44.79	-28.20	646.62			641.91	641.91	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
3D	124+66.18	-28.02	646.13			641.67	641.57	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
3E	123+65.99	-28.00	645.90			641.39	641.39	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
3F	123+61.01	-32.79					641.39	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
4A	128+98.95	24.77	646.97				639.81	INLETS, TYPE A, TYPE 11 FRAME AND GRATE
4B	130+19.17	25.00	646.70			639.16	639.16	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
4C	131+99.65	24.77	646.32			638.52	638.52	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
4D	132+61.52	27.50	645.52			638.27	638.27	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4E	134+07.91	28.33	644.61			637.65	637.40	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4F	135+62.64	29.29	643.55			636.92	636.92	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4G	136+53.38	30.15	642.80			636.64	636.64	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4H	137+82.91	31.19	641.80			636.24	636.24	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4I	138+91.06	32.16	641.22			635.91	635.91	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4J	140+00.07	31.50	640.20			635.58	635.58	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4K	140+62.69	31.61	640.14			635.39	634.81	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4L	142+40.74	28.04	639.90			634.55	634.55	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4M	143+89.21	27.49	639.53			634.34	634.34	*MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, OPEN LIDS, RESTRICTOR PLATE
4N	144+28.73	27.65	639.58			634.29	634.29	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
4O	144+64.00	28.54	639.54	633.66		634.25	634.08	*MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID
5A	131+07.77	-31.52	646.74				643.93	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID
5B	131+66.35	-36.81				643.69		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
6A	149+82.67	-26.06	644.11			636.50		CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE
6B	147+24.17	-26.09	642.52			635.68	635.68	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
6C	146+06.95	-26.18	641.08				635.32	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
6D	144+40.75	-26.00	640.05	633.39	633.39		634.81	*MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID
6E	144+17.96	-49.10			633.25			PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"
7A	152+82.97	-26.04	642.09	638.57				CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE
7B	152+82.97	-66.61			636.78			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
8A	152+00.17	25.79	642.94				638.06	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID
8B	152+48.62	26.77	642.24			637.92	637.87	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
8C	153+63.87	30.00	640.48			637.32	637.32	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
8D	155+97.26	28.29	639.11			636.59	636.59	*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE
8E	157+22.57	30.89				636.20		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
9A	123+55.49	37.15		642.73				PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"
9B	123+55.28	-38.59			641.2			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"
11A	112+40.61	72.91	645.00	639.88				*EXISTING STRUCTURE
12A	113+01.69	67.63	643.13	639.89				*EXISTING STRUCTURE
14A	145+60.52	39.79	637.15			634.23		*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE
14B	144+99.09	29.18	639.51		634.63	634.13	634.13	*MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID
15A	145+01.98	53.66	638.37	634.68				*CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID
16C	118+18.88	34.68					642.03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
16B	118+61.46	35.41			642.19	642.19	642.19	REINFORCED CONCRETE PIPE TEE, 15" PIPE WITH 8" RISER
10A	116+62.52	34.21				642.30		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
17A	118+60.58	54.75	643.29	642.23				CATCH BASINS, TYPE C, TYPE 8 GRATE
C155A	115+29.36	36.99					640.63	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C155B	115+80.71	36.81				640.86		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C175A	117+01.91	34.71					641.60	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C175B	117+65.66	34.53				641.84		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C203A	120+23.30	33.33					642.97	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C203B	120+60.82	33.76				643.16		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C221A	121+93.16	33.57					643.38	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C221B	122+36.79	35.63				643.02		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C232A	122+97.87	36.84					642.85	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C232B	123+45.00	38.00				642.74		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C250A	125+00.33	37.38					643.34	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C250B	125+43.65	36.82				643.62		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C263A	126+18.98	34.23					644.43	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C263B	126+55.64	32.95				644.84		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C274A	127+32.23	31.60					645.23	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C274B	127+68.97	27.97				645.80		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C465A	140+35.13	39.27					638.01	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
C465B	146+92.12	39.27				638.80		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
DC147A	147+27.87	38.93					639.30	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
DC147B	147+51.87	38.59				639.67		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"

*STRUCTURES WITH A FLAT SLAB TOP

PIPE SCHEDULE

ID	PAY ITEM	LENGTH	START STRUCTURE	START INVERT	END STRUCTURE	END INVERT	SLOPE	TRENCH BACKFILL
		(FT)						(CUYD)
1AB	STORM SEWERS, CLASS A, TYPE 1 24"	70.39	1A	640.30	1B	639.62	0.97%	3.43
1BC	STORM SEWERS, CLASS A, TYPE 1 24"	59.83	1B	639.62	1C	639.57	0.08%	7.11
1CD	STORM SEWERS, CLASS A, TYPE 1 24"	42.23	1C	639.57	1D	639.54	0.08%	3.11
1DE	EXISTING PIPE	96.39	1D	639.54	1E	639.54	0.08%	0.00
2AB	STORM SEWERS, CLASS A, TYPE 2 12"	189.51	2A	638.32	2B	637.49	0.44%	134.59
2BC	STORM SEWERS, CLASS A, TYPE 2 12"	128.72	2B	637.49	2C	636.92	0.44%	86.86
2CD	STORM SEWERS, CLASS A, TYPE 2 12"	40.11	2C	636.92	2D	636.74	0.44%	22.30
2DE	STORM SEWERS, CLASS A, TYPE 2 12"	49.44	2D	636.74	2E	636.52	0.44%	5.99
3AB	STORM SEWERS, CLASS A, TYPE 2 12"	115.03	3A	642.45	3B	642.23	0.19%	29.38
3BC	STORM SEWERS, CLASS A, TYPE 2 12"	168.23	3B	642.23	3C	641.91	0.19%	67.50
3CD	STORM SEWERS, CLASS A, TYPE 2 12"	173.95	3C	641.91	3D	641.57	0.19%	78.31
3DE	STORM SEWERS, CLASS A, TYPE 2 12"	95.53	3D	641.57	3E	641.39	0.19%	47.47
3EF	STORM SEWERS, CLASS A, TYPE 2 12"	8.00	3E	641.39	3F	641.39	0.19%	0.00
4AB	STORM SEWERS, CLASS A, TYPE 2 12"	146.65	4A	639.81	4B	639.16	0.44%	129.89
4BC	STORM SEWERS, CLASS A, TYPE 2 12"	145.82	4B	639.16	4C	638.52	0.44%	135.67
4CD	STORM SEWERS, CLASS A, TYPE 2 12"	57.27	4C	638.52	4D	638.27	0.44%	54.68
4DE	STORM SEWERS, CLASS A, TYPE 2 12"	141.73	4D	638.27	4E	637.65	0.44%	131.57
4EF	STORM SEWERS, CLASS A, TYPE 2 15"	150.07	4E	637.40	4F	636.92	0.32%	97.74
4FG	STORM SEWERS, CLASS A, TYPE 2 15"	86.08	4F	636.92	4G	636.64	0.32%	0.00
4GH	STORM SEWERS, CLASS A, TYPE 2 15"	124.87	4G	636.64	4H	636.24	0.32%	0.00
4HI	STORM SEWERS, CLASS A, TYPE 2 15"	103.49	4H	636.24	4I	635.91	0.32%	15.25
4IJ	STORM SEWERS, CLASS A, TYPE 2 15"	104.35	4I	635.91	4J	635.58	0.32%	16.95
4JK	STORM SEWERS, CLASS A, TYPE 2 15"	57.96	4J	635.58	4K	635.39	0.32%	17.74
4KI	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 27"	173.43	4K	634.81	4I	634.55	0.15%	133.77
4LM	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 27"	142.64	4L	634.55	4M	634.34	0.15%	107.67
4MN	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 27"	33.69	4M	634.34	4N	634.29	0.15%	25.19
4NO	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 27"	28.20	4N	634.29	4O	634.25	0.15%	0.00
4O6D	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	49.79	4O	633.66	6D	633.39	0.55%	53.80
5AB	STORM SEWERS, CLASS A, TYPE 1 12"	55.57	5A	643.93	5B	643.69	0.44%	0.15
6AB	STORM SEWERS, CLASS A, TYPE 2 12"	254.92	6A	636.50	6B	635.68	0.32%	241.56
6BC	STORM SEWERS, CLASS A, TYPE 2 12"	112.56	6B	635.68	6C	635.32	0.32%	85.36
6CD	STORM SEWERS, CLASS A, TYPE 2 12"	159.12	6C	635.32	6D	634.81	0.32%	93.70
6DE	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	25.70	6D	633.39	6E	633.25	0.55%	1.96
7AB	STORM SEWERS, CLASS A, TYPE 1 12"	37.32	7A	638.57	7B	636.78	4.40%	0.44
8AB	STORM SEWERS, CLASS A, TYPE 2 12"	44.88	8A	638.06	8B	637.92	0.32%	19.68
8BC	STORM SEWERS, CLASS A, TYPE 2 15"	110.64	8B	637.67	8C	637.32	0.32%	16.81
8CD	STORM SEWERS, CLASS A, TYPE 1 15"	228.74	8C	637.32	8D	636.59	0.32%	4.48
8DE	STORM SEWERS, CLASS A, TYPE 1 15"	121.01	8D	636.59	8E	636.20	0.32%	4.84
9AB	PIPE CULVERTS, CLASS A, TYPE 2 24"	71.74	9A	642.73	9B	641.20	2.13%	17.43
11A1C	STORM SEWERS, CLASS A, TYPE 2 12"	4.00	11A	639.88	1C	639.67	0.44%	0.65
12A1B	STORM SEWERS, CLASS A, TYPE 1 12"	4.00	12A	639.89	1B	639.72	0.44%	0.67
14AB	STORM SEWERS, CLASS A, TYPE 2 24"	56.51	14A	634.23	14B	634.13	0.17%	0.00
14B4O	STORM SEWERS, CLASS A, TYPE 2 24"	26.85	14B	634.13	4O	634.08	0.17%	18.13
15A14B	STORM SEWERS, CLASS A, TYPE 2 18"	18.82	15A	634.68	14B	634.63	0.25%	4.88
16AB	STORM SEWERS, CLASS A, TYPE 1 15"	16.09	16A	642.30	16B	642.19	0.42%	0.00
16BC	STORM SEWERS, CLASS A, TYPE 1 15"	37.59	16B	642.19	16C	642.03	0.42%	0.00
17A16B	PIPE CULVERTS, CLASS A, TYPE 1 8"	15.11	17A	642.23	16B	642.19	0.19%	0.08
C155	PIPE CULVERTS, CLASS A, TYPE 1 15"	36.80	C155A	640.63	C155B	640.86	0.63%	2.07
C175	PIPE CULVERTS, CLASS A, TYPE 1 15"	58.60	C175A	641.60	C175B	641.84	0.41%	0.20
C203	PIPE CULVERTS, CLASS A, TYPE 1 15"	33.40	C203A	642.97	C203B	643.16	0.57%	0.11
C221	PIPE CULVERTS, CLASS A, TYPE 1 15"	38.00	C221A	643.38	C221B	643.02	0.95%	2.12
C232	PIPE CULVERTS, CLASS A, TYPE 1 15"	40.40	C232A	642.85	C232B	642.74	0.27%	1.51
C250	PIPE CULVERTS, CLASS A, TYPE 1 15"	39.30	C250A	643.34	C250B	643.62	0.71%	1.20
C263	PIPE CULVERTS, CLASS A, TYPE 1 15"	32.70	C263A	644.43	C263B	644.84	1.25%	0.22
C274	PIPE CULVERTS, CLASS A, TYPE 1 15"	32.90	C274A	645.23	C274B	645.80	1.73%	0.10
C465	PIPE CULVERTS, CLASS A, TYPE 1 15"	53.00	C465A	638.01	C465B	638.80	1.49%	4.57
DC147	PIPE CULVERTS, CLASS A, TYPE 1 12"	36.00	DC147A	639.30	DC147B	639.67	1.03%	0.00

MODEL: Default
FILE NAME: pw:\\qbanroom.dot.illinois.edu:PWIDOT\Documents\IDOT Office\District 1\Projects\P109313\CADD\da Desktop\P109313-dhi-drainage.dgn

USER NAME = rostkows/dr	DESIGNED - RR	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**EXISTING AND PROPOSED DRAINAGE PLAN AND PROFILE** **GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83**
	DRAWN - RR	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -		SCALE: NONE | SHEET 5 OF 5 SHEETS | STA. - | TO STA. -
PLOT DATE = 5/5/2021	DATE - 3/25/2021	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	48
		CONTRACT NO. 62F84		
	ILLINOIS | FED. AID PROJECT			

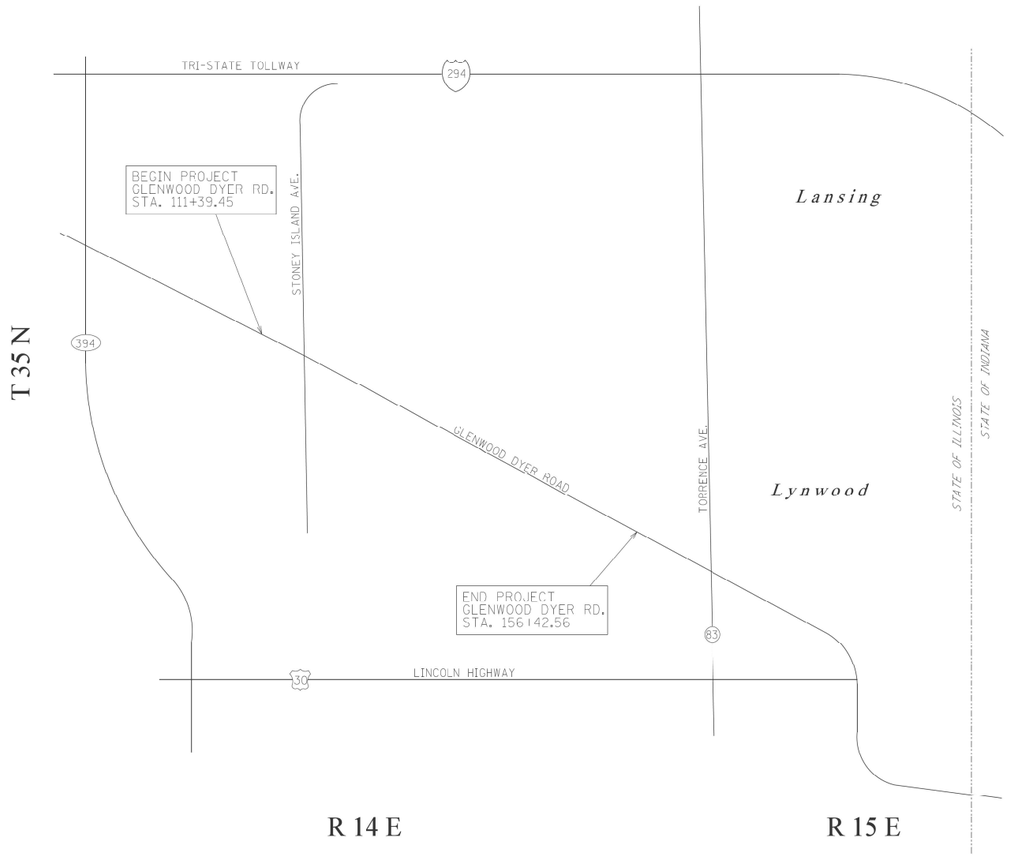
PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
OLW0001	LAKE KAGON, LLC-SERIES 3-STONY ISLAND PROPERTY	2	
OLW0002	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO LIVE STOCK NATIONAL BANK OF CHICAGO AS TRUSTEE UNDER TRUST DATED MAY 6, 1958 KNOWN AS TRUST NO. 13952	2	
OLW0003TE	HERMINIA ORNELAS AND JUAN D. CEPEDA, AS TENANTS IN COMMON	4	
OLW0004TE	ARIFA SHATAT AS TO AN UNDIVIDED 1/2 INTEREST AND CHICAGO TITLE LAND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JUNE 19, 2014 KNOWN AS TRUST NO. 8002365144 AS TO AN UNDIVIDED 1/2 INTEREST	5	
OLW0005TE	KATHERINE LEMON	5	
OLW0006TE	JOHN KASPRZYK	5	
OLW0007TE	ROGELIO RUIZ AND BERENICE RUIZ, AS JOINT TENANTS	5	
OLW0008	ATG TRUST COMPANY FORMERLY KNOWN AS GUARANTY TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED MARCH 10, 2004 KNOWN AS TRUST NO. L 004-013	3	
OLW0009	BRYAN GRUSZKA, AN UNMARRIED MAN	3	
OLW0010	BERNARD E. REICHARD JR. AND SANDRA J. REICHARD, AS JOINT TENANTS	3	
OLW0011	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO FIRST NATIONAL BANK IN CHICAGO HEIGHTS AS TRUSTEE UNDER TRUST AGREEMENT DATED JUNE 15, 1984 KNOWN AS TRUST NO. 5779	3	
OLW0012	STEPHANIE R. LILLY	4	
OLW0013	ARTURO LOZANO, JR., UNMARRIED, AND ALICIA LOZANO, MARRIED AS TENANTS IN COMMON	4	
OLW0014	MICHELLE GOVEA AND MICHAEL P. GOVEA, AS JOINT TENANTS	4	
OLW0015	RICKEY D. SCHAAP AND SHELLY A. SCHAAP, HIS WIFE, AS TENANTS BY THE ENTIRETY	6	
OLW0016	BILLY E. QUEEN AND PATRICIA QUEEN, HIS WIFE, IN JOINT TENANCY	6	
OLW0017	WALTER ANDERSON	6	
OLW0018 OLW0018TE	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO THE STEEL CITY NATIONAL BANK OF CHICAGO, AS TRUSTEE UNDER TRUST AGREEMENT DATED MAY 30, 1991 KNOWN AS TRUST NO. 3209	6	
OLW0019TE	GLEN HAWTHORNE AND DIANE HAWTHORNE, AS TENANTS BY THE ENTIRETY	7	
OLW0020TE	CARALTON BROWN AND SHEILA R. BROWN AS TENANTS BY THE ENTIRETY	7	
OLW0021TE	TRIANDOS POPE AND LISA L. PENNY POPE, AS TENANTS BY THE ENTIRETY	7	
OLW0022TE	JEFFREY FRENCH AND SADRINA FRENCH, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	7	
OLW0023TE	NELITHA R. ANDERSON-BATTS	7	
OLW0024TE	EUGENE PEDASHOV	8	
OLW0025TE	LYNWOOD UNITED REFORMED CHURCH F/K/A LYNWOOD CHRISTIAN REFORMED CHURCH WHICH ACQUIRED TITLE AS FIRST CHRISTIAN REFORMED CHURCH OF ROSELAND	8	
OLW0026TE	LA TOYA GAMMON, A SINGLE WOMAN	9	
OLW0027	SOFIA PATER AND DENISE PATER, AS JOINT TENANTS	9	
OLW0028	DONNA HOLLIE	9	
OLW0031	ROGER H. SONS AND LAUREL E. SONS, HIS WIFE, IN JOINT TENANCY	10	
OLW0032	LEON WOODARD, MARRIED TO DEBRA L. WOODARD, DEBRA L. WOODARD, MARRIED TO LEON WOODARD, AND JEMA LOVING, DIVORCED AND NOT SINCE REMARRIED, AS JOINT TENANTS	11	
OLW0033PE	COMMONWEALTH EDISON COMPANY	10	
OLW0034TE-A OLW0034TE-B	JOHN L. PECK AND LORI L. PECK, HUSBAND AND WIFE, AS JOINT TENANTS	12	
OLW0035TE	CITY ELECTRIC SUPPLY COMPANY	12	
OLW0036 OLW0036TE	2152 GDR PROPERTY, LLC	13	
OLW0037TE	CHICAGO TITLE LAND TRUST COMPANY SUCCESSOR TO CHICAGO TITLE AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED MAY 3, 1980 KNOWN AS TRUST NO. 1077523	14	
OLW0038TE	ANGELA HELTON	14	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

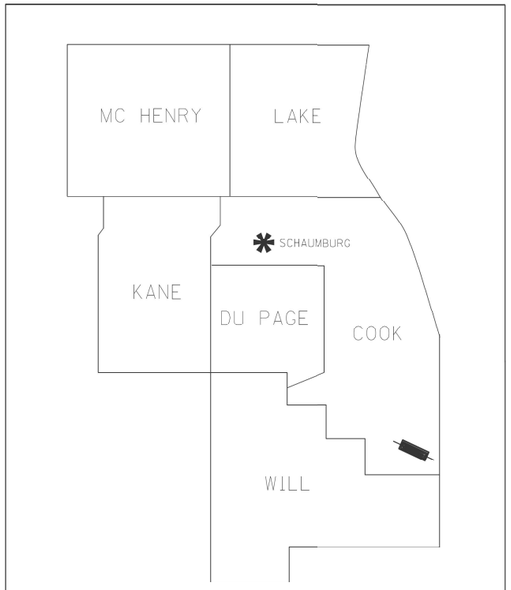
GLENWOOD DYER ROAD
SECTION
COOK COUNTY
LIMITS IL RTE 83 – STONEY ISLAND

R–90–019–17



LOCATION MAP

GROSS LENGTH = 4503.11 FT. = 0.853 MILE



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Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074.00

IDOT USE ONLY

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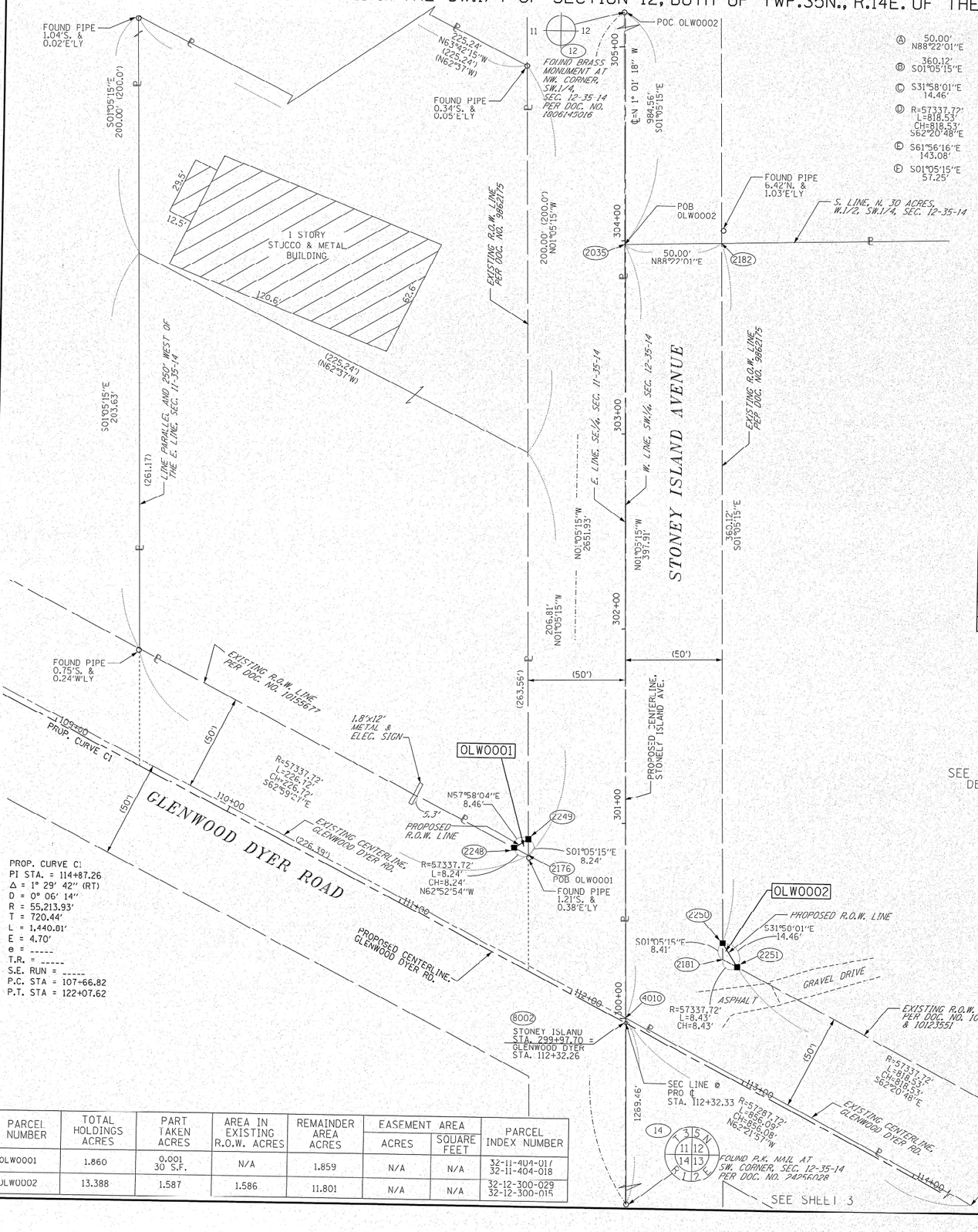
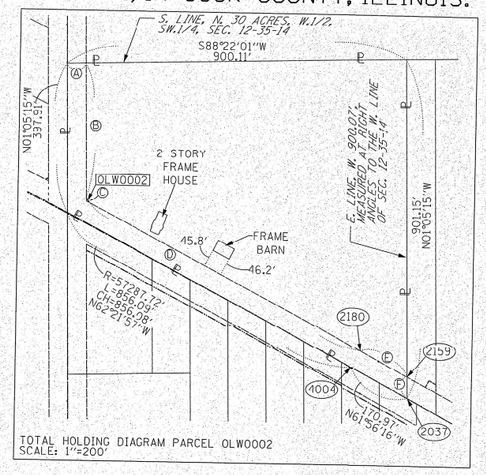
OCT 07 2019
PLATS & LEGALS

10/07/2019	DELETE PARCELS	TW
06/11/2019	REVISED OWNER NAME	TW
05/22/2019	REVISED OWNER NAME	TW
06/18/2018	REVISED OWNER NAME	TW

PART OF THE SE.1/4 OF SECTION 11 & THE SW.1/4 OF SECTION 12, BOTH OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.





POINT NO.	STATION	OFFSET	NORTHING	EASTING
12			1774173.988	1191058.682
14			1771522.537	1191109.020
2035	110+44.68	353.44'LT	1773189.604	1191077.371
2037	122+58.17	0.00'RT	1772314.264	1191994.217
2159	122+30.28	50.00'LT	1772371.504	1191993.130
2176	111+47.68	52.47'LT	1772874.430	1191033.345
2180	120+87.31	50.13'LT	1772438.814	1191866.871
2181	112+61.11	52.16'LT	1772822.568	1191134.348
2182	110+88.33	377.31'LT	1773191.029	1191127.352
2248	111+39.45	52.49'LT	1772878.185	1191026.015
2249	111+43.81	59.75'LT	1772882.673	1191033.189
2250	112+57.15	59.57'LT	1772830.977	1191134.188
2251	112+69.54	52.13'LT	1772818.709	1191141.844
4004	120+87.20	0.13'LT	1772394.692	1191843.349
4010	112+31.13	2.24'LT	1772791.765	1191084.924
8002	299+97.70	0.00'RT	1772789.259	1191084.909

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0001	1.860	0.001 30 S.F.	N/A	1.859	N/A	N/A	32-11-404-017 32-11-404-018
OLW0002	13.388	1.587	1.586	11.801	N/A	N/A	32-12-300-029 32-12-300-015

LEGEND

SECTION CORNER

16 15 QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
P PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
AC EXISTING ACCESS CONTROL LINE
AC PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

○ IRON PIPE OR ROD FOUND
⊕ "MAG" NAIL SET
\+ CUT CROSS FOUND OR SET
● 5 / 8" REBAR SET

● T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 606101-02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001251,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 11 AND 12, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____2018 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2018

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTES:
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999995296.

AREAS SHOWN ON THIS PLAT ARE GROUND.

RT&A Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • GIS Consultants
129 CAPISTA DRIVE, SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074

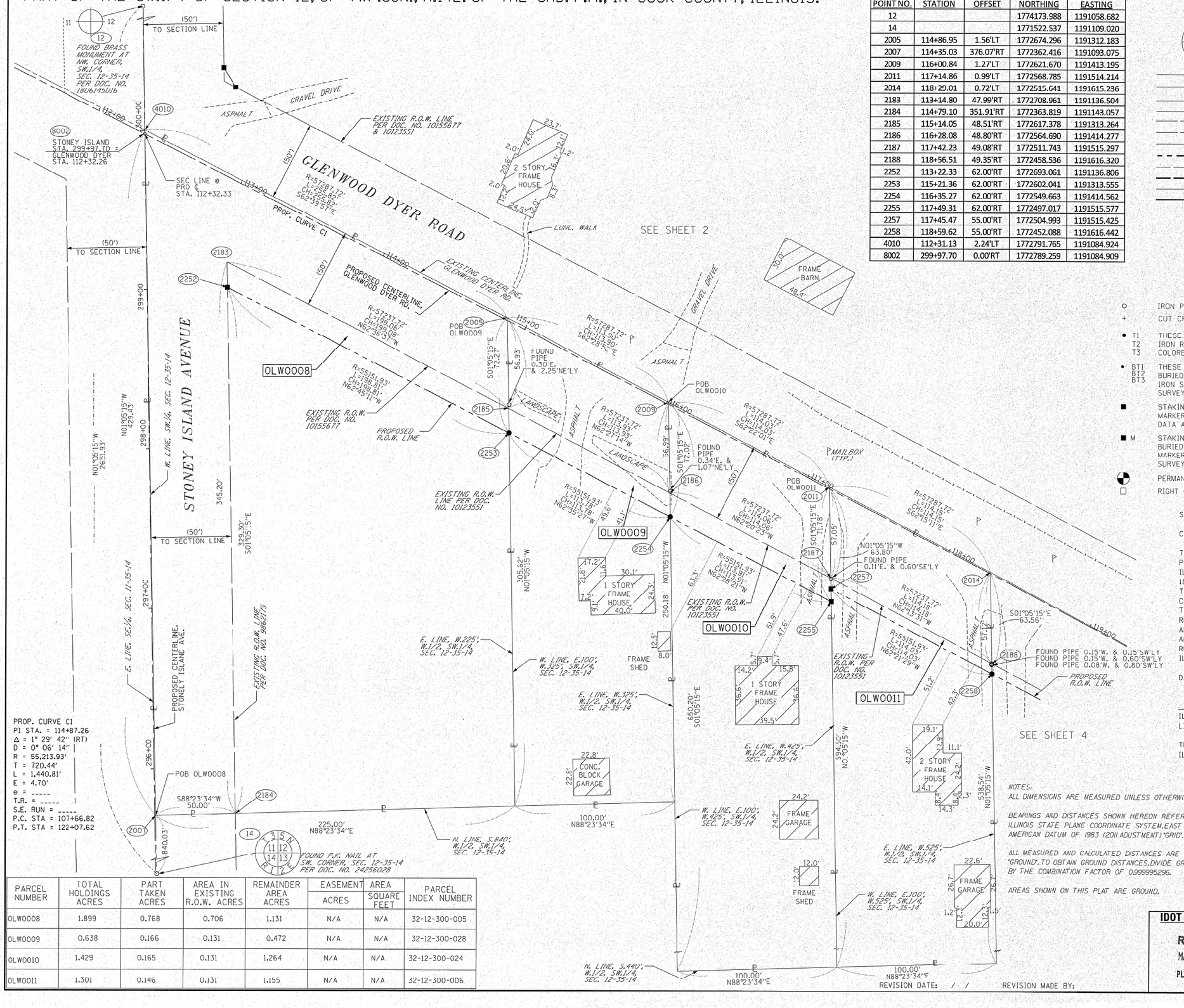
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND TO STA.
COUNTY: COOK
SECTION:
JOB NO.: R-90-019-17
STA.
SCALE: 1"=30'
SHEET 2 OF 15 SHEETS

IDOT USE ONLY
55
RECEIVED
MAR 05 2018
PLATS & LEGALS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SW.1/4 OF SECTION 12, OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



POINT NO.	STATION	OFFSET	NORTHING	EASTING
12			1774173.988	1191058.682
14			1771522.537	1191109.020
2005	114+86.95	1.56'LT	1772674.296	1191312.183
2007	114+35.03	376.07'RT	1772362.416	1191093.075
2009	116+00.84	1.27'LT	1772621.670	1191413.195
2011	117+14.86	0.99'LT	1772568.785	1191514.214
2014	118+29.01	0.72'LT	1772515.641	1191615.236
2183	113+14.80	47.99'RT	1772708.961	1191136.504
2184	114+79.10	351.91'RT	1772363.819	1191143.057
2185	115+14.05	48.51'RT	1772617.378	1191313.264
2186	116+28.08	48.80'RT	1772564.690	1191414.277
2187	117+42.23	49.08'RT	1772511.743	1191515.297
2188	118+56.51	49.35'RT	1772458.536	1191616.320
2252	113+22.33	62.00'RT	1772693.061	1191136.806
2253	115+21.36	62.00'RT	1772602.041	1191313.555
2254	116+35.27	62.00'RT	1772549.663	1191414.562
2255	117+49.31	62.00'RT	1772497.017	1191515.577
2257	117+45.47	55.00'RT	1772504.993	1191515.425
2258	118+59.62	55.00'RT	1772452.088	1191616.442
4010	112+31.13	2.24'LT	1772791.765	1191084.924
8002	299+97.70	0.00'RT	1772789.259	1191084.909

PROP. CURVE C1
PI STA. = 114+87.26
Δ = 1° 29' 42" (RT)
D = 0° 06' 14"
R = 55,213.93'
T = 720.44'
L = 1,440.81'
E = 4.70'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 107+66.82
P.T. STA = 122+07.62

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0008	1.899	0.768	0.706	1.131	N/A	N/A	32-12-300-005
OLW0009	0.638	0.166	0.131	0.472	N/A	N/A	32-12-300-028
OLW0010	1.429	0.165	0.131	1.264	N/A	N/A	32-12-300-024
OLW0011	1.301	0.146	0.131	1.155	N/A	N/A	32-12-300-006

LEGEND

SECTION CORNER
QUARTER SECTION CORNER
N
GRAPHIC SCALE FEET 0 30
SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 120.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◉ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
SECTION: JOB NO.: R-90-019-17
STA. 112+00 TO STA. 119+00
SCALE: 1"=30' SHEET 3 OF 15 SHEETS

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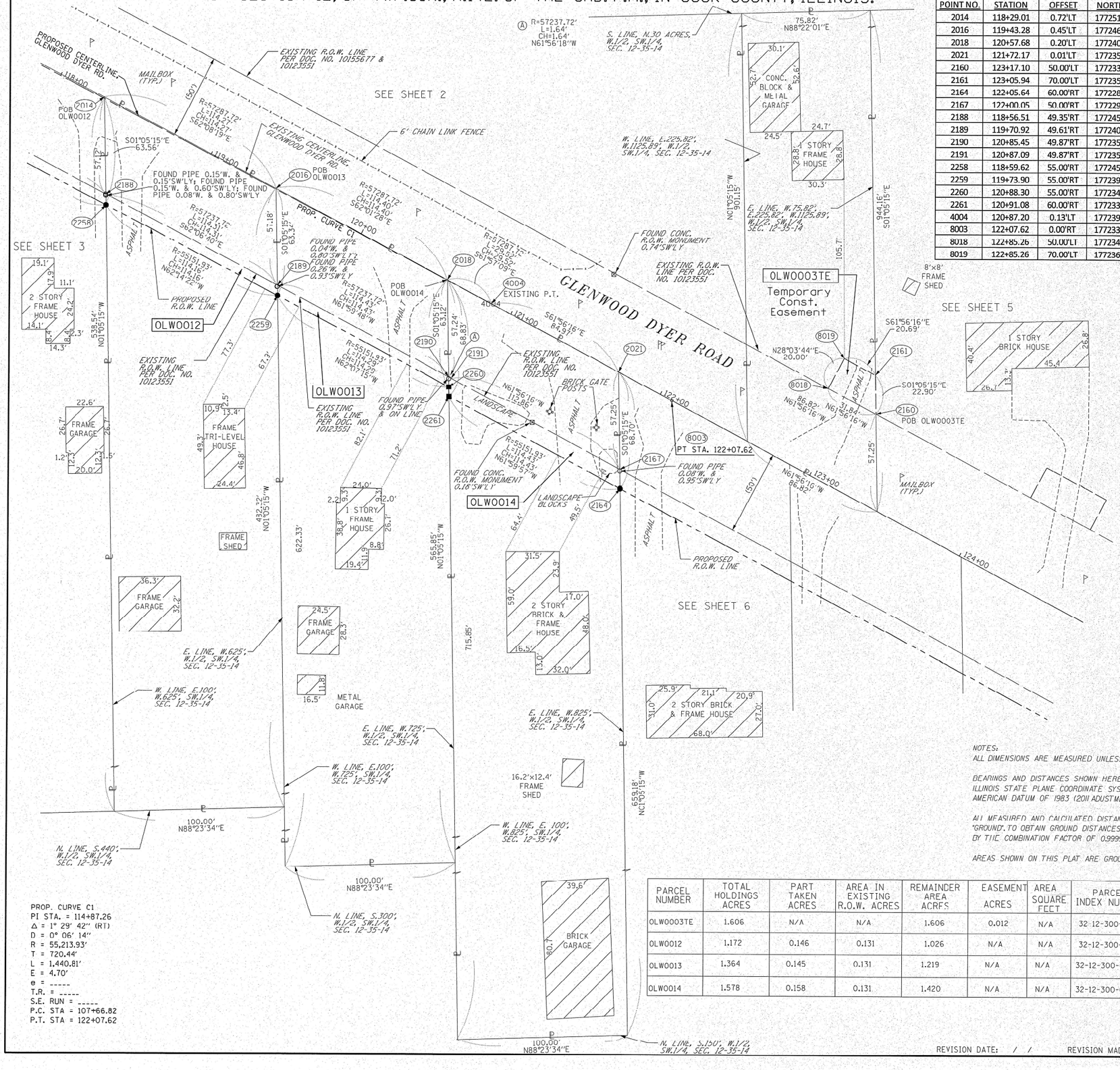

POINT NO.	STATION	OFFSET	NORTHING	EASTING
2014	118+29.01	0.72'LT	1772515.641	1191615.236
2016	119+43.28	0.45'LT	1772462.237	1191716.264
2018	120+57.68	0.20'LT	1772408.573	1191817.295
2021	121+72.17	0.01'LT	1772354.719	1191918.332
2160	123+17.10	50.00'LT	1772330.663	1192069.739
2161	123+05.94	70.00'LT	1772353.560	1192069.305
2164	122+05.64	60.00'RT	1772286.030	1191919.636
2167	122+00.05	50.00'RT	1772297.478	1191919.418
2188	118+56.51	49.35'RT	1772458.536	1191616.320
2189	119+70.92	49.61'RT	1772405.069	1191717.349
2190	120+85.45	49.87'RT	1772351.341	1191818.382
2191	120+87.09	49.87'RT	1772350.571	1191819.828
2258	118+59.62	55.00'RT	1772452.088	1191616.442
2259	119+73.90	55.00'RT	1772398.914	1191717.466
2260	120+88.30	55.00'RT	1772345.470	1191818.493
2261	120+91.08	60.00'RT	1772339.752	1191818.602
4004	120+87.20	0.13'LT	1772394.692	1191843.349
8003	122+07.62	0.00'RT	1772338.041	1191949.615
8018	122+85.26	50.00'LT	1772345.642	1192041.642
8019	122+85.26	70.00'LT	1772363.291	1192051.051

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- ℄ PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
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- EXISTING BUILDING

N

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

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D = 0° 06' 14"
R = 55,213.93'
T = 720.44'
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e = -----
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S.E. RUN = -----
P.C. STA = 107+66.82
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PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0003TE	1.606	N/A	N/A	1.606	0.012	N/A	32-12-300-038
OLW0012	1.172	0.146	0.131	1.026	N/A	N/A	32-12-300-025
OLW0013	1.364	0.145	0.131	1.219	N/A	N/A	32-12-300-007
OLW0014	1.578	0.158	0.131	1.420	N/A	N/A	32-12-300-026

REVISION DATE: / / REVISION MADE BY:

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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

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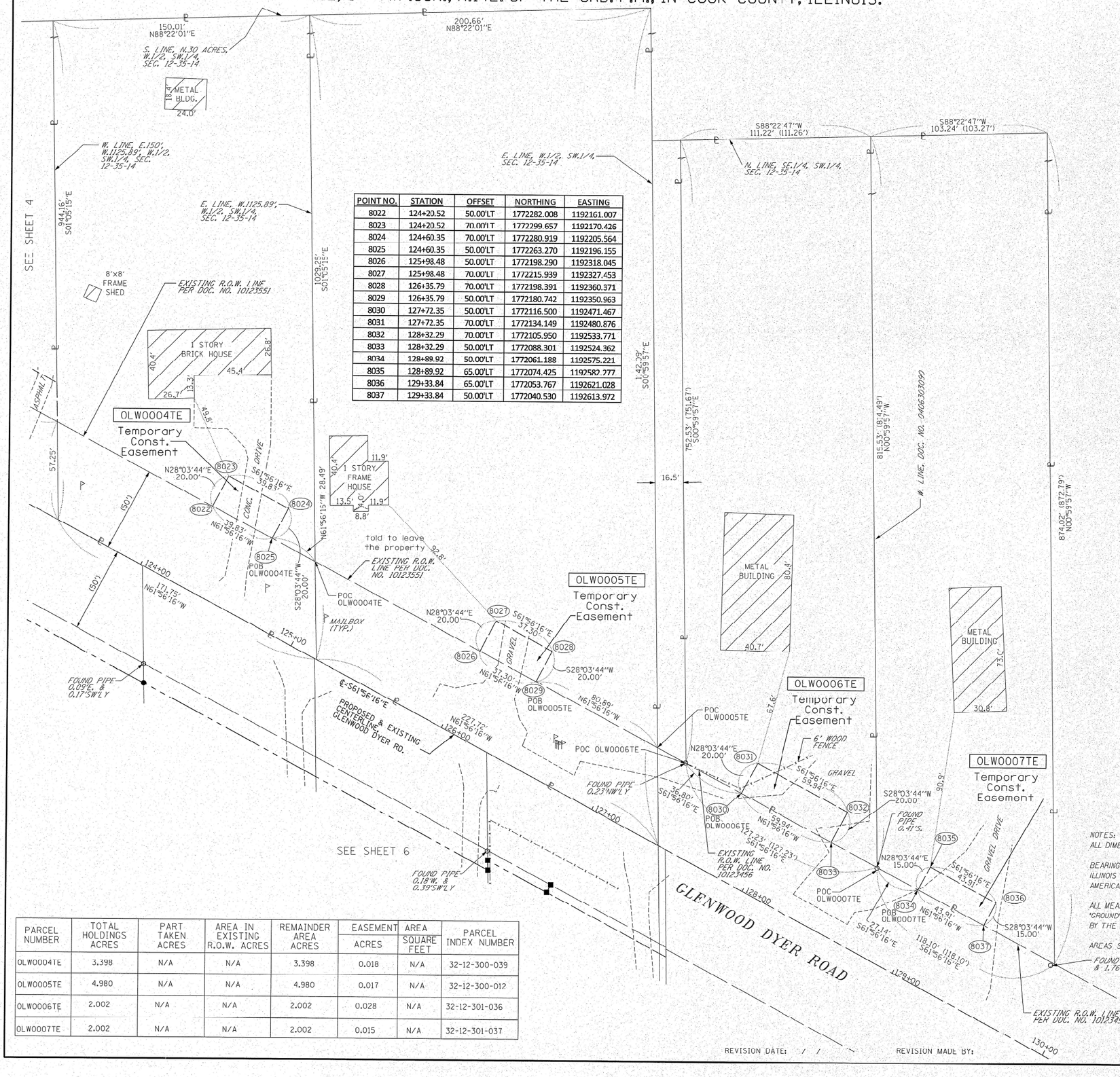

POINT NO.	STATION	OFFSET	NORTHING	EASTING
8022	124+20.52	50.00'LT	1772282.008	1192161.007
8023	124+20.52	70.00'LT	1772299.657	1192170.426
8024	124+60.35	70.00'LT	1772280.919	1192205.564
8025	124+60.35	50.00'LT	1772263.270	1192196.155
8026	125+98.48	50.00'LT	1772198.290	1192318.045
8027	125+98.48	70.00'LT	1772215.939	1192327.453
8028	126+35.79	70.00'LT	1772198.391	1192360.371
8029	126+35.79	50.00'LT	1772180.742	1192350.963
8030	127+72.35	50.00'LT	1772116.500	1192471.467
8031	127+72.35	70.00'LT	1772134.149	1192480.876
8032	128+32.29	70.00'LT	1772105.950	1192533.771
8033	128+32.29	50.00'LT	1772088.301	1192524.362
8034	128+89.92	50.00'LT	1772061.188	1192575.221
8035	128+89.92	65.00'LT	1772074.425	1192582.777
8036	129+33.84	65.00'LT	1772053.767	1192621.028
8037	129+33.84	50.00'LT	1772040.530	1192613.972

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0004TE	3.398	N/A	N/A	3.398	0.018	N/A	32-12-300-039
OLW0005TE	4.980	N/A	N/A	4.980	0.017	N/A	32-12-300-012
OLW0006TE	2.002	N/A	N/A	2.002	0.028	N/A	32-12-301-036
OLW0007TE	2.002	N/A	N/A	2.002	0.015	N/A	32-12-301-037

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

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GRAPHIC SCALE FEET, 0, 30; SCALE: 1" = 30'

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SECTION: JOB NO.: R-90-019-17
STA. 118+00 TO STA. 124+00
SCALE: 1"=30' SHEET 5 OF 15 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY
RECEIVED
MAR 05 2018
PLATS & LEGALS

REVISION DATE: / / REVISION MADE BY:

PART OF THE SW.1/4 OF SECTION 12, OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0015	2.766	0.315	0.263	2.451	N/A	N/A	32-12-300-008 32-12-300-013
OLW0016	1.532	0.158	0.131	1.374	N/A	N/A	32-12-300-016
OLW0017	1.402	0.158	0.131	1.244	N/A	N/A	32-12-300-030
OLW0018 OLW0018TE	1.307	0.141	0.136	1.166	0.009	390	32-12-300-031

POINT NO.	STATION	OFFSET	NORTHING	EASTING
25	127+77.22	50.93'RT	1772025.139	1192428.287
2021	121+72.17	0.01'LT	1772354.719	1191918.332
2024	124+01.17	0.00'RT	1772246.993	1192120.404
2029	125+15.66	0.00'RT	1772193.130	1192221.440
2031	126+30.16	0.00'RT	1772139.267	1192322.476
2163	122+07.62	60.00'RT	1772285.095	1191921.389
2164	122+05.64	60.00'RT	1772286.030	1191919.636
2165	124+34.63	60.00'RT	1772178.304	1192121.708
2166	124+29.05	50.00'RT	1772189.752	1192121.490
2167	122+00.05	50.00'RT	1772297.478	1191919.418
2168	125+43.55	50.00'RT	1772135.889	1192222.527
2169	125+49.13	60.00'RT	1772124.441	1192222.744
2170	126+63.62	60.00'RT	1772070.578	1192323.780
2171	126+58.05	50.00'RT	1772082.027	1192323.563
2262	127+49.05	0.00'RT	1772083.335	1192427.393
2263	126+60.84	55.00'RT	1772076.302	1192323.671
2264	127+79.47	55.00'RT	1772020.493	1192428.358
2265	127+76.70	50.00'RT	1772026.206	1192428.271
2266	127+00.00	55.00'RT	1772057.878	1192358.232
2267	127+00.00	50.00'RT	1772062.290	1192360.584
8003	122+07.62	0.00'RT	1772338.041	1191949.615

PROP. CURVE C1
PI STA. = 114+87.26
Δ = 1° 29' 42" (RT)
D = 0° 06' 14"
R = 55,213.93'
T = 720.44'
L = 1,440.81'
E = 4.70'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 107+66.82
P.T. STA = 122+07.62

Ⓐ S28°03'44"W 5.00'

Ⓑ S00°52'49"E 5.71'

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.92' MEASURED DIMENSION
- 129.92' (COMP) COMPUTED DIMENSION
- (129.92') RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◔ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001251,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____ 2018 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2018

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTES:
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) 'GRID'.

ALL MEASURED AND CALCULATED DISTANCES ARE 'GRID' NOT 'GROUND'. TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999995296.

AREAS SHOWN ON THIS PLAT ARE GROUND.

Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND — COUNTY: COOK
SECTION: — JOB NO.: R-90-019-17
STA. 121+72.17 TO STA. 128+00
SCALE: 1"=30' — SHEET 6 OF 15 SHEETS

IDOT USE ONLY
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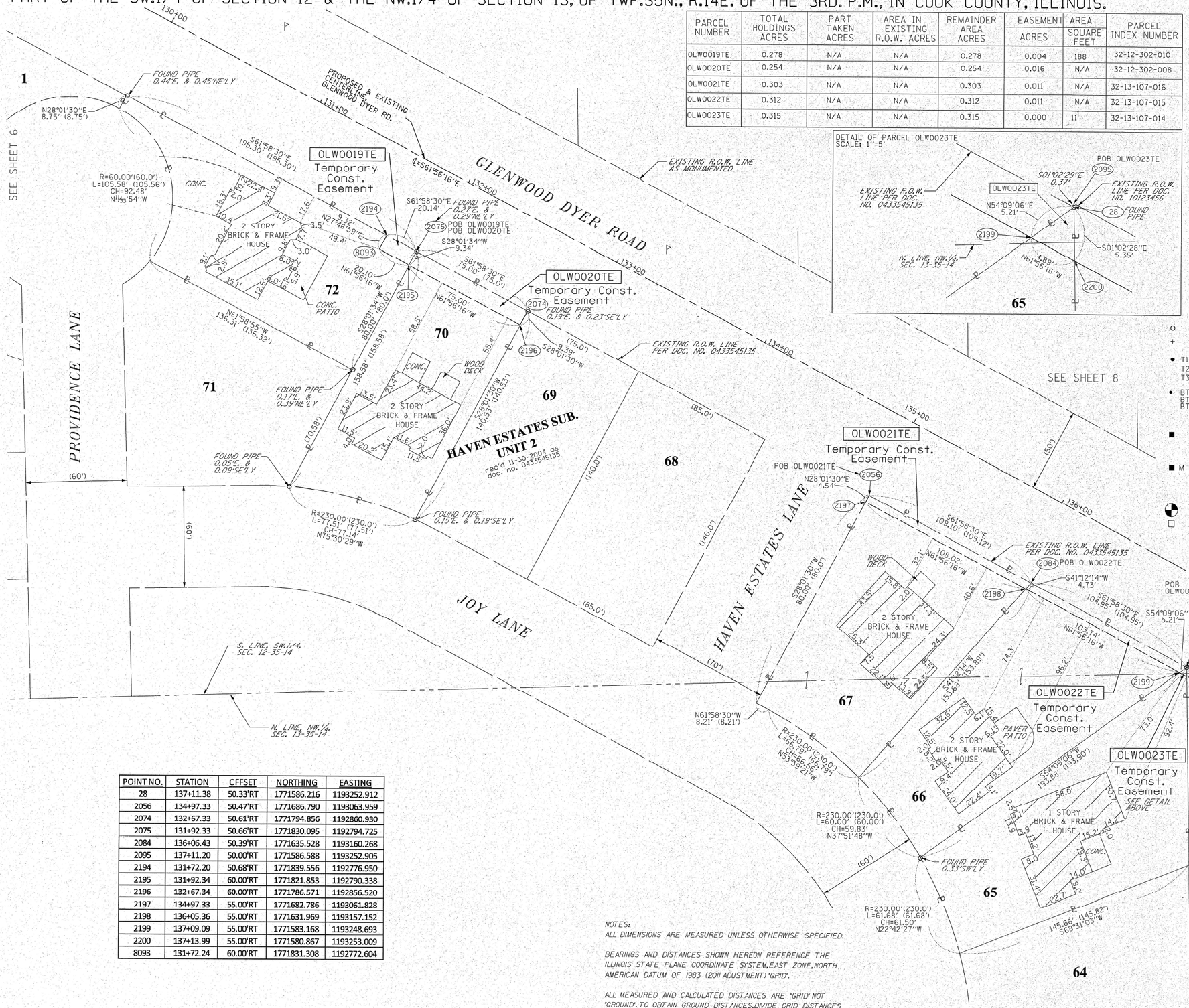
REVISION DATE: / / REVISION MADE BY:

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SW.1/4 OF SECTION 12 & THE NW.1/4 OF SECTION 13, OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0019TE	0.278	N/A	N/A	0.278	0.004	188	32-12-302-010
OLW0020TE	0.254	N/A	N/A	0.254	0.016	N/A	32-12-302-008
OLW0021TE	0.303	N/A	N/A	0.303	0.011	N/A	32-13-107-016
OLW0022TE	0.312	N/A	N/A	0.312	0.011	N/A	32-13-107-015
OLW0023TE	0.315	N/A	N/A	0.315	0.000	11	32-13-107-014



POINT NO.	STATION	OFFSET	NORTHING	EASTING
28	137+11.38	50.33'RT	1771586.216	1193252.912
2056	134+97.33	50.47'RT	1771686.790	1193063.959
2074	132+67.33	50.61'RT	1771794.856	1192860.930
2075	131+92.33	50.66'RT	1771830.095	1192794.725
2084	136+06.43	50.39'RT	1771635.528	1193160.268
2095	137+11.20	50.00'RT	1771586.588	1193252.905
2194	131+72.20	50.68'RT	1771839.556	1192776.950
2195	131+92.34	60.00'RT	1771821.853	1192790.338
2196	132+67.34	60.00'RT	1771786.571	1192856.520
2197	134+97.33	55.00'RT	1771682.786	1193061.828
2198	136+05.36	55.00'RT	1771631.969	1193157.152
2199	137+09.09	55.00'RT	1771583.168	1193248.693
2200	137+13.99	55.00'RT	1771580.867	1193253.009
8093	131+72.24	60.00'RT	1771831.308	1192772.604

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AREAS SHOWN ON THIS PLAT ARE GROUND.

REVISION DATE: / / REVISION MADE BY:

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

N

GRAPHIC SCALE FEET 0 30
SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
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- APL — APPARENT PROPERTY LINE
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- AC — EXISTING ACCESS CONTROL LINE
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- 129.32' MEASURED DIMENSION
- 129.99' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
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- ⊕ 'MAG' NAIL SET
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- • T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
SECTION: JOB NO.: R-90-019-17
STA. 130+00 TO STA. 137+13.99
SCALE: 1"=30' SHEET 1 OF 15 SHEETS

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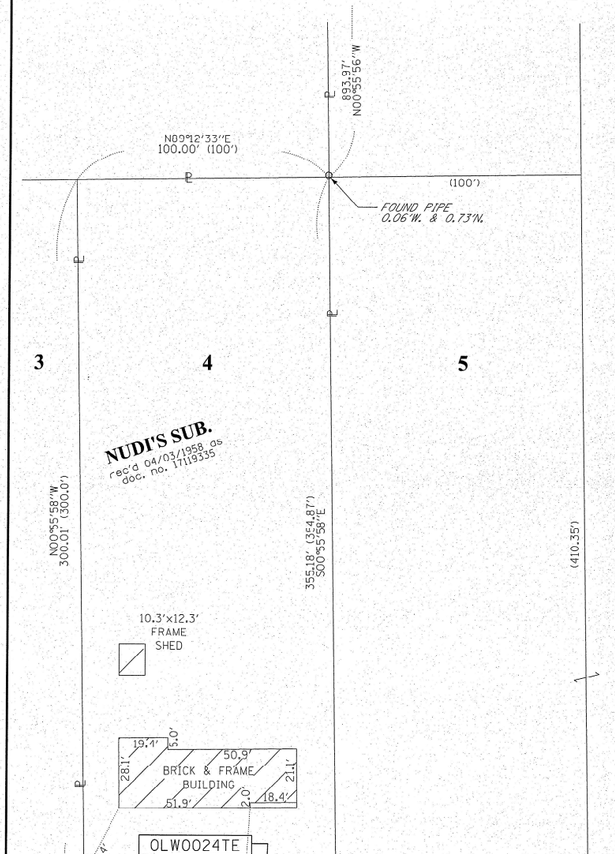

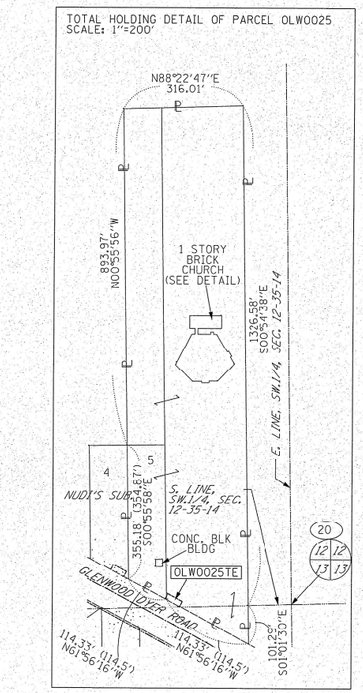

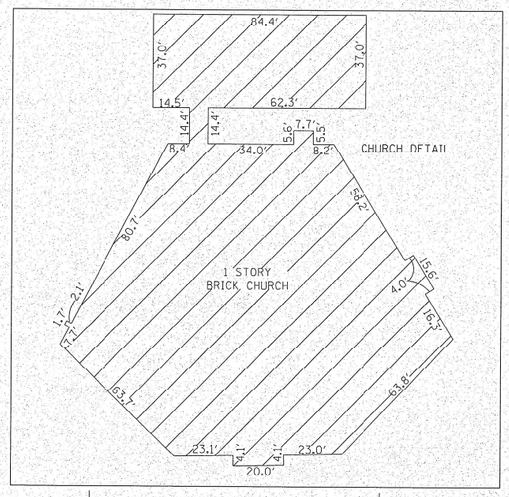

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0024TE	0.752	N/A	N/A	0.752	0.013	N/A	32-12-301-021
OLW0025TE	9.702	N/A	N/A	9.702	0.015	N/A	32-12-301-022 32-12-301-033 32-12-301-016

POINT NO.	STATION	OFFSET	NORTHING	EASTING
20	141+50.33	195.69'LT	1771596.814	1193755.994
28	137+11.38	50.33'RT	1771586.216	1193252.912
2095	137+11.20	50.00'RT	1771586.588	1193252.905
2201	136+85.28	50.00'LT	1771687.026	1193277.074
2202	137+24.00	50.00'LT	1771668.811	1193311.242
2203	138+48.74	50.00'LT	1771610.127	1193421.321
2204	138+48.74	65.00'LT	1771623.364	1193428.377
2205	138+91.82	65.00'LT	1771603.099	1193466.391
2206	138+91.82	50.00'LT	1771589.862	1193459.334
8039	136+85.28	65.00'LT	1771700.263	1193284.130
8040	137+24.00	65.00'LT	1771682.048	1193318.299

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

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PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
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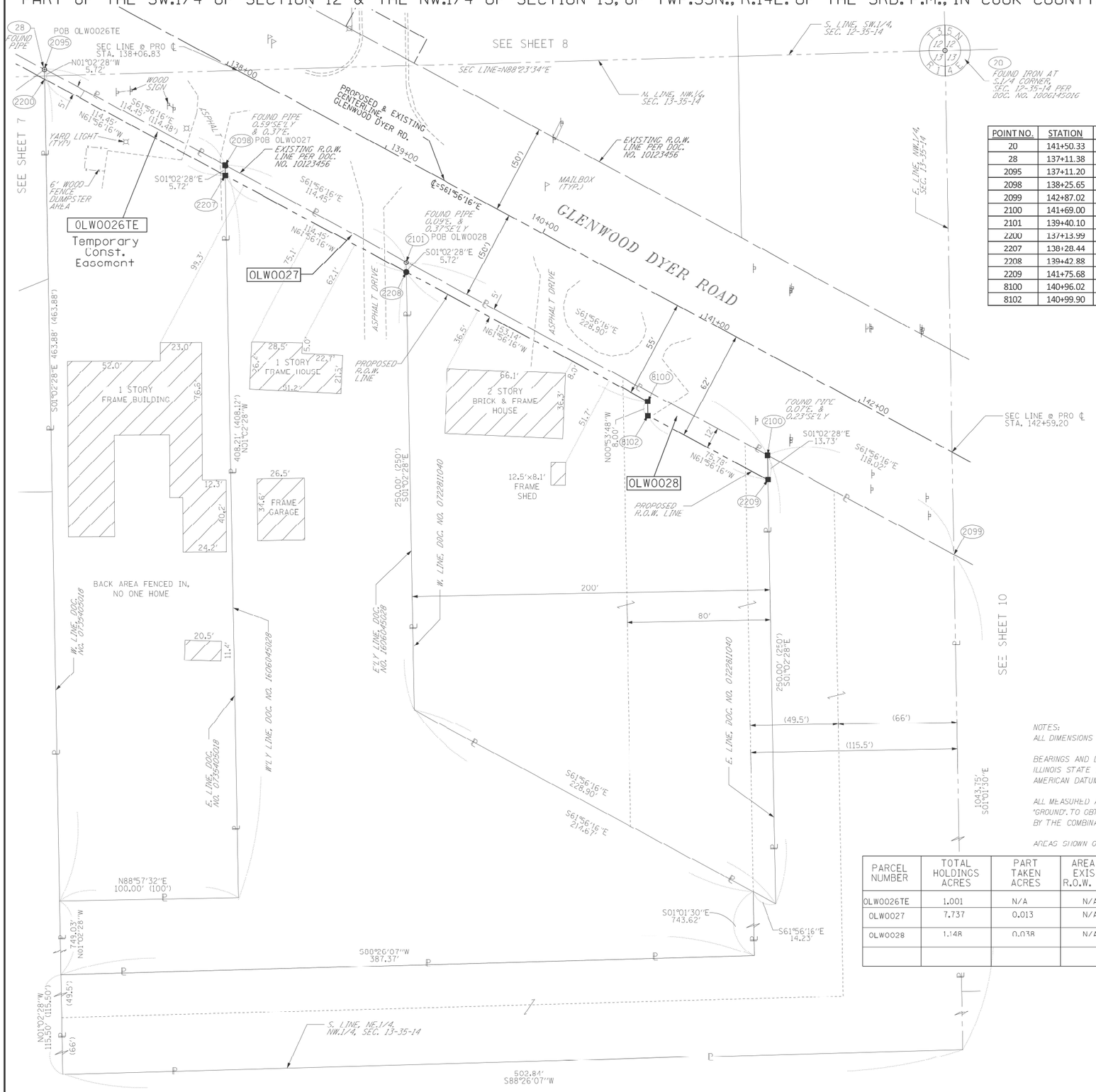

POINT NO.	STATION	OFFSET	NORTHING	EASTING
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2095	137+11.20	50.00'RT	1771586.588	1193252.905
2098	138+25.65	50.00'RT	1771532.748	1193353.900
2099	142+87.02	50.00'RT	1771315.707	1193761.024
2100	141+69.00	50.00'RT	1771371.226	1193656.883
2101	139+40.10	50.00'RT	1771478.907	1193454.894
2200	137+13.99	55.00'RT	1771580.867	1193253.009
2207	138+28.44	55.00'RT	1771527.026	1193354.004
2208	139+42.88	55.00'RT	1771473.185	1193454.998
2209	141+75.68	62.00'RT	1771357.494	1193657.132
8100	140+96.02	55.00'RT	1771401.144	1193590.133
8102	140+99.90	62.00'RT	1771393.144	1193590.258

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
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- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ● T1, T2, T3 — **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 — **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ — **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M — **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◔ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001251,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 12 AND 13, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____2018 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTES:
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999995296.

AREAS SHOWN ON THIS PLAT ARE GROUND.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0026TE	1.001	N/A	N/A	1.001	0.013	N/A	32-13-101-023(pt) 32-13-101-039
OLW0027	7.737	0.013	N/A	7.724	N/A	N/A	32-13-101-027 32-13-101-023(pt)
OLW0028	1.148	0.038	N/A	1.110	N/A	N/A	32-13-101-026 32-13-101-025

REVISION DATE: 10/07/19 REVISION MADE BY:

IDOT USE ONLY

RECEIVED
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PLATS & LEGALS

RT&A Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
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PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074

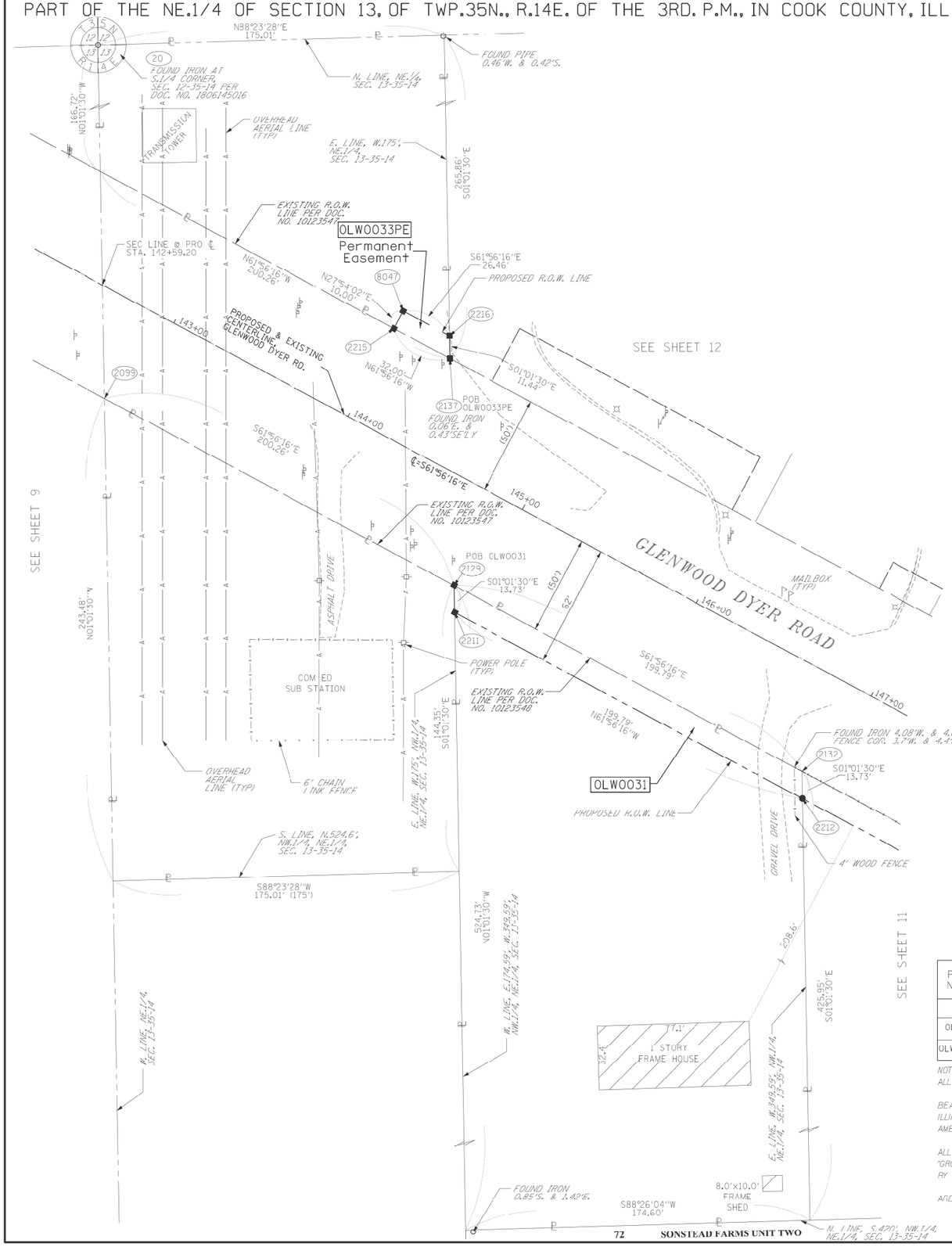
PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
SECTION: JOB NO.: R-90-019-17
STA. 137+11.20 TO STA. 142+93.69
SCALE: 1"=30' SHEET 9 OF 15 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NE.1/4 OF SECTION 13, OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



POINT NO.	STATION	OFFSET	NORTHING	EASTING
20	141+50.33	195.69'LT	1771596.814	1193755.994
2099	142+87.02	50.00'RT	1771315.707	1193761.024
2129	144+87.27	50.00'RT	1771221.501	1193937.737
2132	146+87.06	50.00'RT	1771127.515	1194114.036
2137	144+31.64	50.00'LT	1771335.914	1193935.689
2211	144+93.95	62.00'RT	1771207.771	1193937.982
2212	146+93.73	62.00'RT	1771113.785	1194114.281
2215	143+99.64	50.00'LT	1771350.967	1193907.453
2216	144+26.08	60.00'LT	1771347.356	1193935.485
8047	143+99.61	60.00'LT	1771359.805	1193912.132

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1"= 30'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET

- ● T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

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DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____2018 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0031	1.905	0.055	N/A	1.850	N/A	N/A	32-13-200-011
OLW0033PE	0.869	N/A	N/A	0.869	0.007	292	32-13-200-004

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REVISION DATE: 10/07/19 REVISION MADE BY: TW

IDOT USE ONLY

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R.T. & A. Dwg. No.: 2017-1074

PLAT OF HIGHWAYS

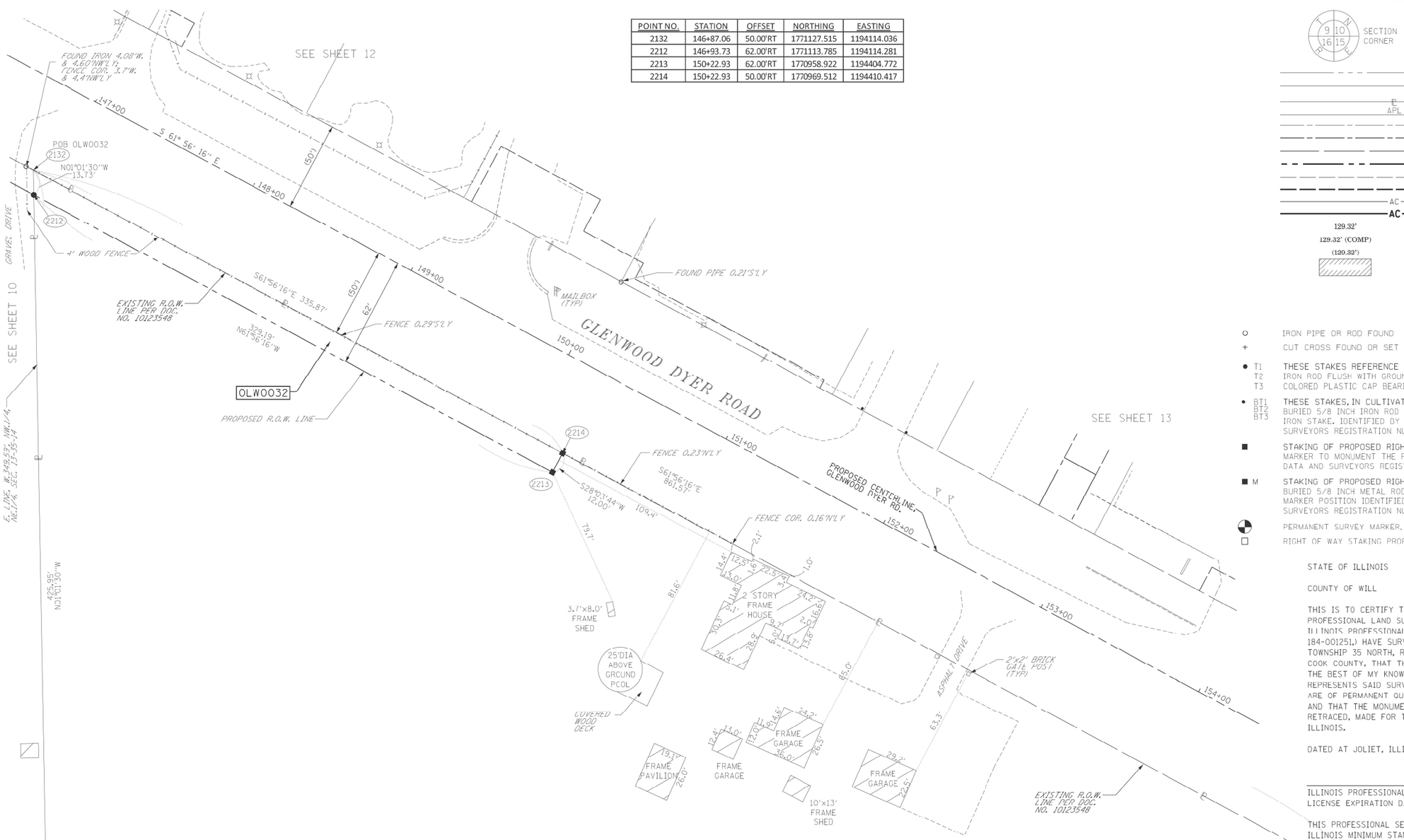
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
SECTION: JOB NO.: R-90-019-17
STA. 142+87.02 TO STA. 147+00
SCALE: 1"=30' SHEET 10 OF 15 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NE.1/4 OF SECTION 13, OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

POINT NO.	STATION	OFFSET	NORTHING	EASTING
2132	146+87.06	50.00'RT	1771127.515	1194114.036
2212	146+93.73	62.00'RT	1771113.785	1194114.281
2213	150+22.93	62.00'RT	1770958.922	1194404.772
2214	150+22.93	50.00'RT	1770969.512	1194410.417



LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 15)

GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

	SECTION / QUARTER SECTION LINE
	PLATTED LOT LINES
P	PROPERTY (DEED) LINE
APL	APPARENT PROPERTY LINE
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
AC	EXISTING ACCESS CONTROL LINE
AC	PROPOSED ACCESS CONTROL LINE
129.32'	MEASURED DIMENSION
129.32' (COMP)	COMPUTED DIMENSION
(129.32')	RECORDED DIMENSION
	EXISTING BUILDING

o	IRON PIPE OR ROD FOUND	⊕	"MAG" NAIL SET
+	CUT CROSS FOUND OR SET	●	5 / 8" REBAR SET

● T1, T2, T3 — **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

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)SS
COUNTY OF WILL)

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DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____2020 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

R T & A
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website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0032	3.681	0.092	N/A	3.589	N/A	N/A	32-13-200-012

NOTES:
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AREAS SHOWN ON THIS PLAT ARE GROUND.

REVISION DATE: 06/21/2019 REVISION MADE BY: TW

IDOT USE ONLY

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PLATS & LEGALS

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND — COUNTY: COOK
SECTION: — JOB NO.: R-90-019-17
STA. 146+87.06 TO STA. 154+00
SCALE: 1"=30' — SHEET 11 OF 15 SHEETS

BUREAU OF LAND ACQUISITION
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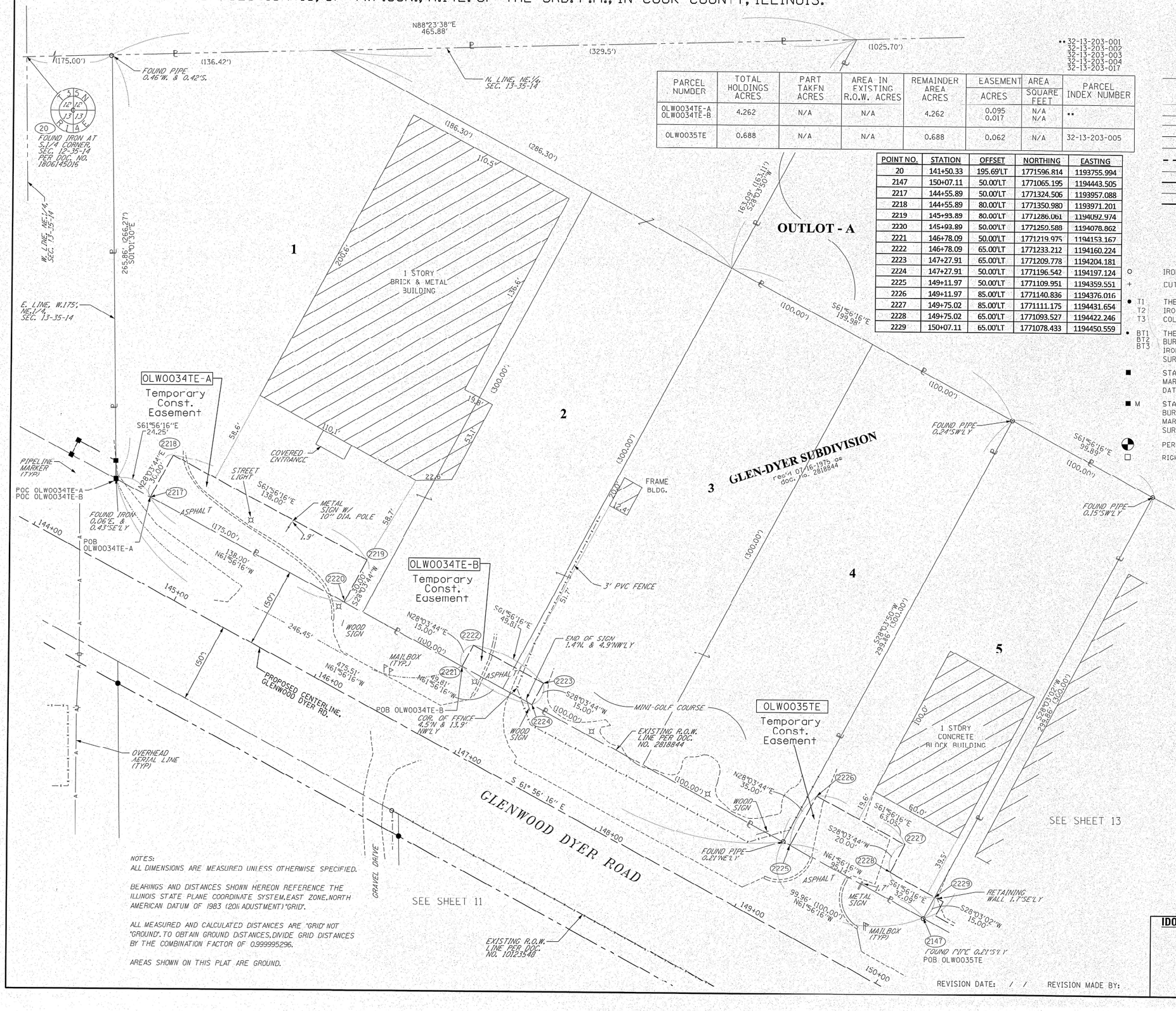

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0034TE-A	4.262	N/A	N/A	4.262	0.095	N/A	**
OLW0034TE-B					0.017	N/A	
OLW0035TE	0.688	N/A	N/A	0.688	0.062	N/A	32-13-203-005

** 32-13-203-001
32-13-203-002
32-13-203-003
32-13-203-004
32-13-203-017

POINT NO.	STATION	OFFSET	NORTHING	EASTING
20	141+50.33	195.69'LT	1771596.814	1193755.994
2147	150+07.11	50.00'LT	1771065.195	1194443.505
2217	144+55.89	50.00'LT	1771324.506	1193957.088
2218	144+55.89	80.00'LT	1771350.980	1193971.201
2219	145+93.89	80.00'LT	1771286.061	1194092.974
2220	145+93.89	50.00'LT	1771250.588	1194078.862
2221	146+78.09	50.00'LT	1771219.975	1194153.167
2222	146+78.09	65.00'LT	1771233.212	1194160.224
2223	147+27.91	65.00'LT	1771209.778	1194204.181
2224	147+27.91	50.00'LT	1771196.542	1194197.124
2225	149+11.97	50.00'LT	1771109.951	1194359.551
2226	149+11.97	85.00'LT	1771140.836	1194376.016
2227	149+75.02	85.00'LT	1771111.175	1194431.654
2228	149+75.02	65.00'LT	1771093.527	1194422.246
2229	150+07.11	65.00'LT	1771078.433	1194450.559

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 120.32' (COMP.) (129.32') — COMPUTED DIMENSION / RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 30
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
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- ● T1 T2 T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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SECTION: — JOB NO.: R-90-019-17
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SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY:

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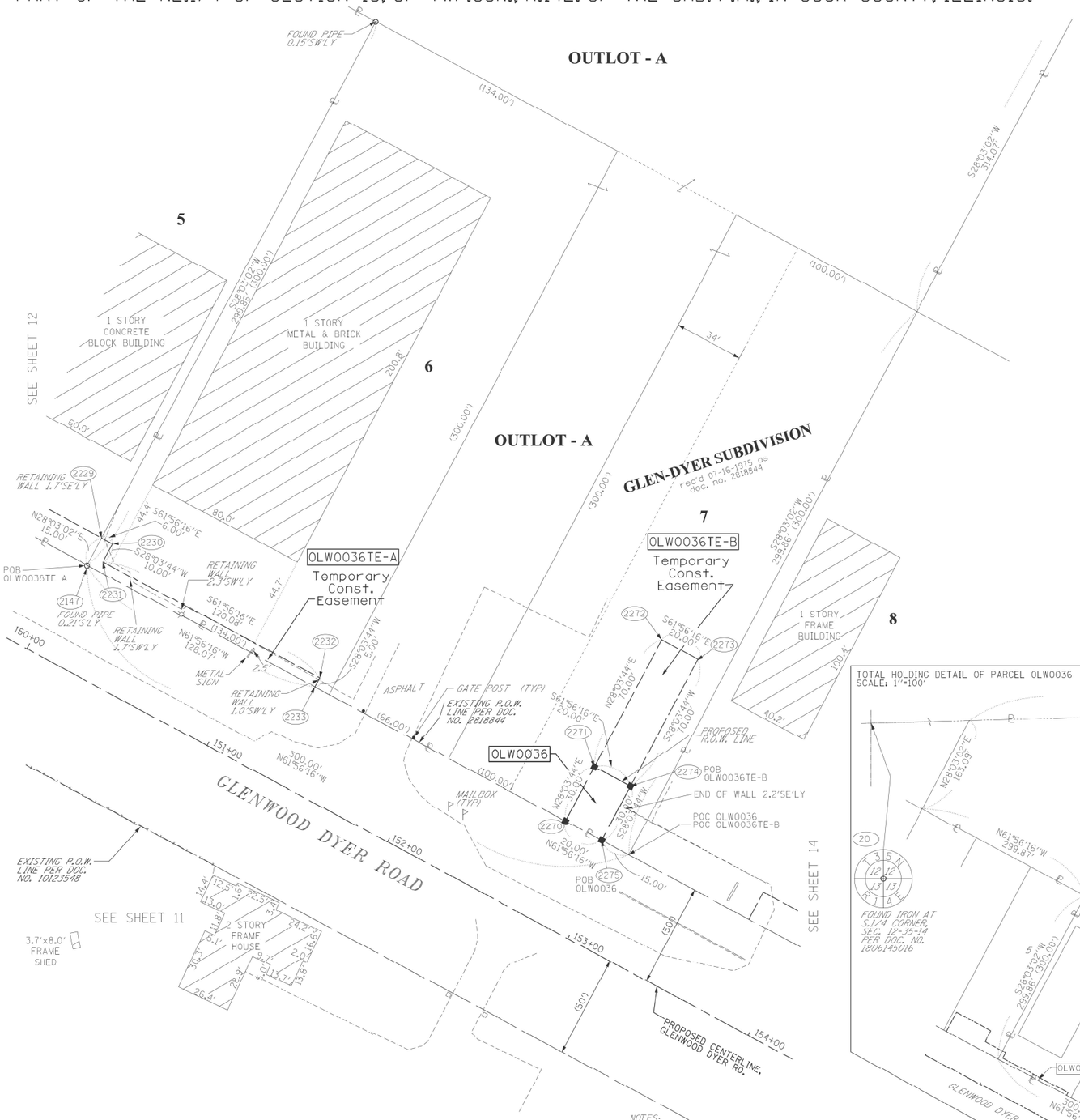

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2230	150+13.11	65.00'LT	1771075.611	1194455.852
2231	150+13.11	55.00'LT	1771066.787	1194451.148
2232	151+33.15	55.00'LT	1771010.299	1194557.107
2233	151+33.18	50.00'LT	1771005.887	1194554.755
2270	152+72.11	50.00'LT	1770940.531	1194677.350
2271	152+72.11	80.00'LT	1770967.004	1194691.463
2272	152+72.11	150.00'LT	1771028.774	1194724.393
2273	152+92.11	150.00'LT	1771019.366	1194742.041
2274	152+92.11	80.00'LT	1770957.595	1194709.111
2275	152+92.11	50.00'LT	1770931.122	1194694.998

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

N

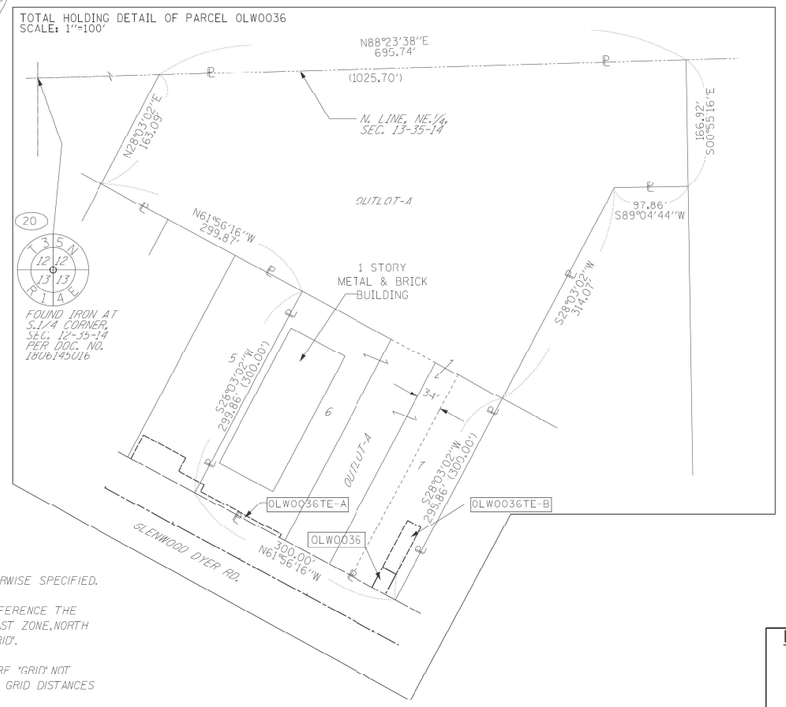
GRAPHIC SCALE FEET 0 30

SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 — THESE STAKES IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ — STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- □ — RIGHT OF WAY STAKING PROPOSED TO BE SET

TOTAL HOLDING DETAIL OF PARCEL OLW0036
SCALE: 1"=100'



NOTES:
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999995296.

AREAS SHOWN ON THIS PLAT ARE GROUND.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0036 OLW0036TE-A OLW0036TE-B	6.861	0.014	N/A	6.847	0.016 0.032	N/A N/A	32-13-203-006 32-13-203-015 32 13 203 018

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001251,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____ 2020 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

R T & A
Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH: (815) 744-6600 FAX (815) 744-6101
website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND — COUNTY: COOK
SECTION: — JOB NO.: R-90-019-17
STA. 150+07.11 TO STA. 153+00
SCALE: 1"=30' — SHEET 13 OF 15 SHEETS

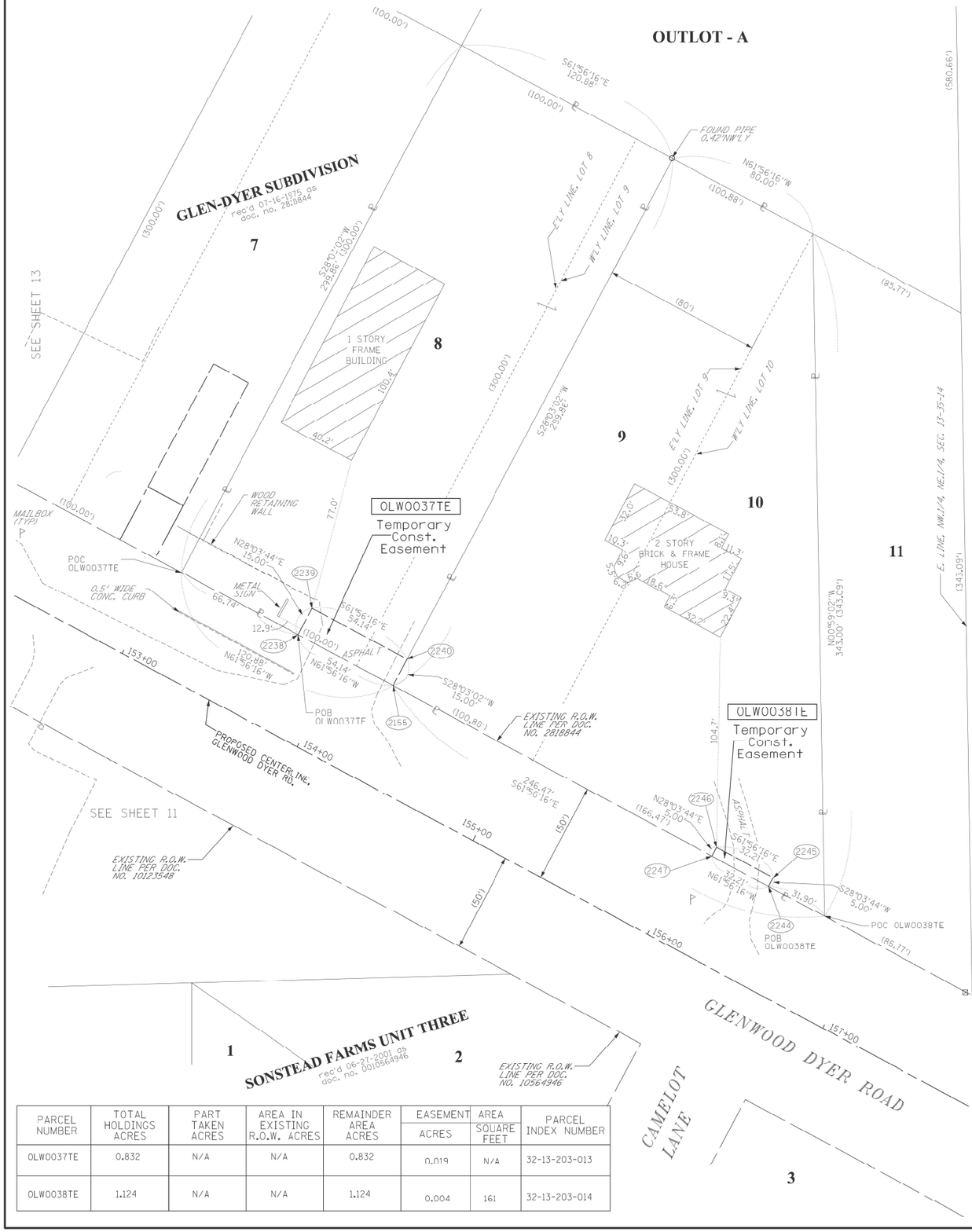
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

RECEIVED
JUN 24 2019
PLATS & LEGALS

REVISION DATE: 06/21/2019 REVISION MADE BY: TW

PART OF THE NE.1/4 OF SECTION 13, OF TWP.35N., R.14E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



POINT NO.	STATION	OFFSET	NORTHING	EASTING
2155	154+27.99	50.00'LT	1770867.200	1194814.904
2238	153+73.85	50.00'LT	1770892.670	1194767.127
2239	153+73.85	65.00'LT	1770905.906	1194774.184
2240	154+27.99	65.00'LT	1770880.438	1194821.958
2244	156+42.56	50.00'LT	1770766.260	1195004.247
2245	156+42.56	55.00'LT	1770770.672	1195006.599
2246	156+10.35	55.00'LT	1770785.826	1194978.174
2247	156+10.35	50.00'LT	1770781.414	1194975.821

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1"= 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAG" NAIL SET
5 / 8" REBAR SET

T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

RT1, RT2, RT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001251,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 35 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____2020 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OLW0037TE	0.832	N/A	N/A	0.832	0.019	N/A	32-13-203-013
OLW0038TE	1.124	N/A	N/A	1.124	0.004	161	32-13-203-014

NOTES:
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AREAS SHOWN ON THIS PLAT ARE GROUND.

REVISION DATE: 06/21/2019 REVISION MADE BY: TW

Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

R.T. & A. Dwg. No.: 2017-1074

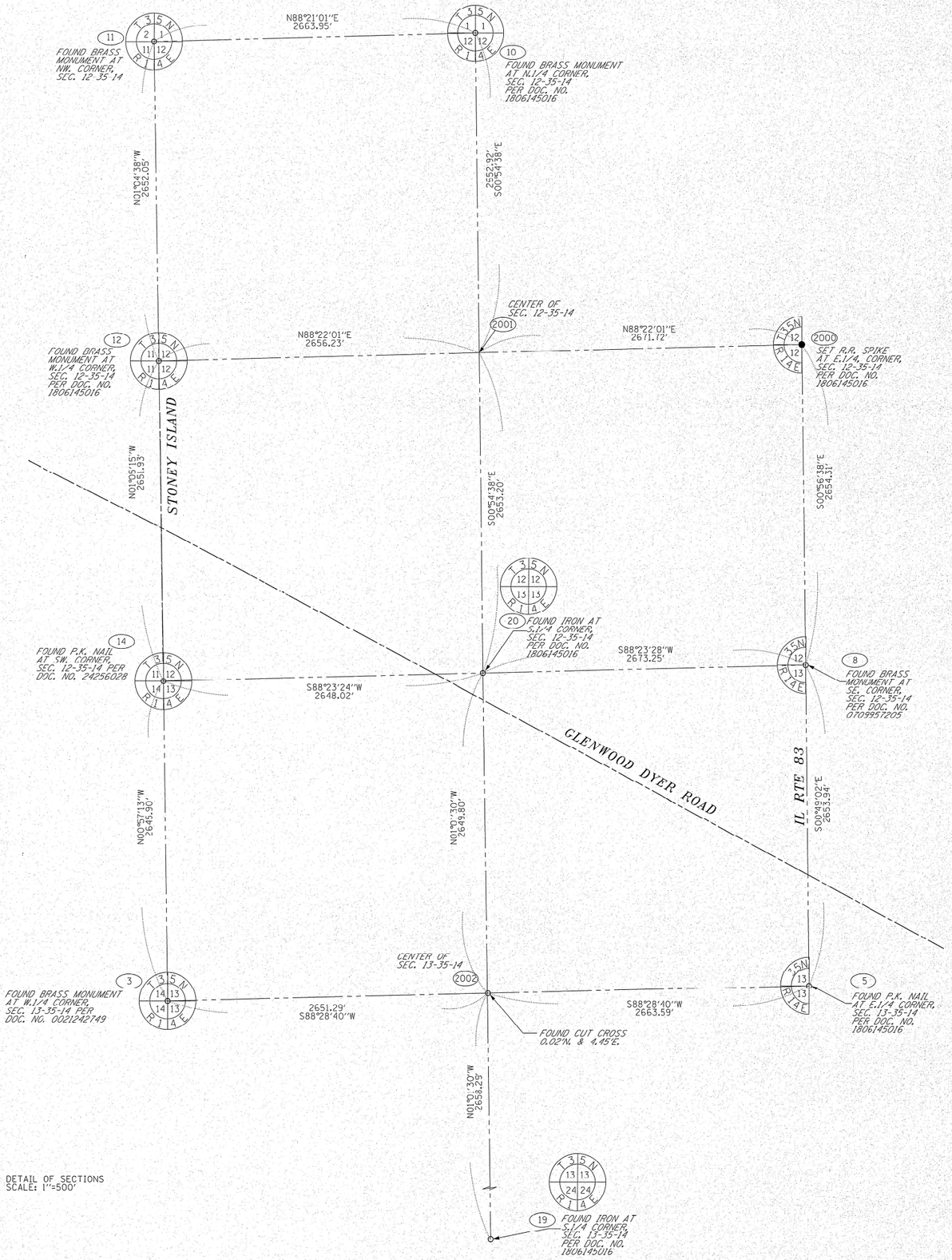
PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
SECTION: JOB NO.: R-90-019-17
STA. 153+00 TO STA. 157+00
SCALE: 1"=30' SHEET 14 OF 15 SHEETS

IDOT USE ONLY
RECEIVED
JUN 24 2019
PLATS & LEGALS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



DETAIL OF SECTIONS
SCALE: 1"=500'

POINT NO.	STATION	OFFSET	NORTHING	EASTING
3			1768877.008	1191153.052
5			1769018.205	1196466.046
8			1771671.871	1196428.194
10			1776902.270	1193671.669
11			1776825.578	1191008.827
12			1774173.988	1191058.682
14			1771522.537	1191109.020
19			1766289.577	1193850.960
20	141+50.33	195.69'LT	1771596.814	1193755.994
2000			1774325.820	1196384.466
2001			1774249.683	1193713.829
2002			1768947.443	1193803.401

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE
FEET
0 30
SCALE: 1"= 30'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- ◔ PERMANENT SURVEY MARKER. I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) SS
COUNTY OF WILL)

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DATED AT JOLIET, ILLINOIS THIS __ DAY OF _____2018 A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2018

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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AREAS SHOWN ON THIS PLAT ARE GROUND.

REVISION DATE: / / REVISION MADE BY:

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PLATS & LEGALS

Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • GIS Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
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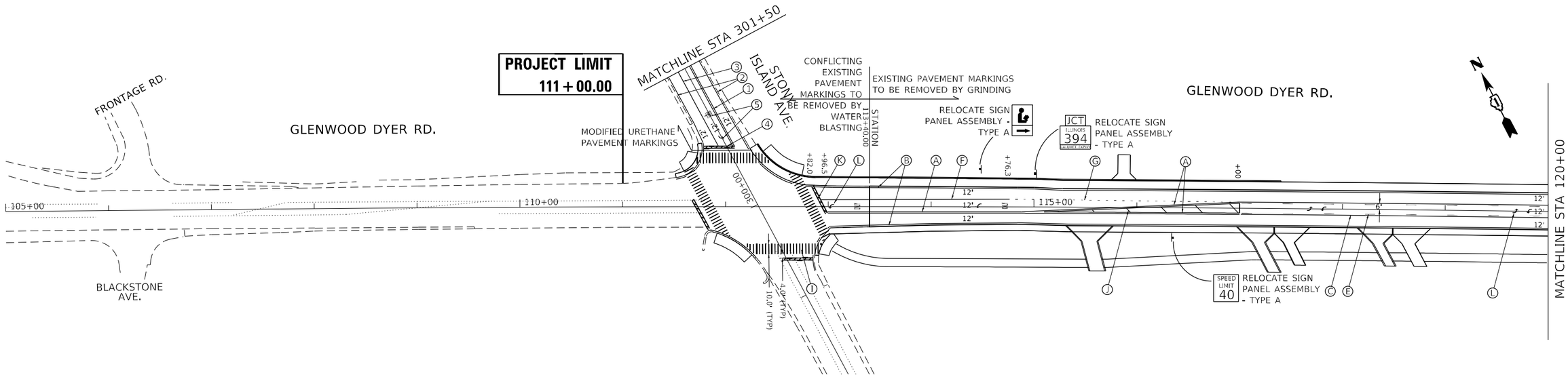
R.T. & A. Dwg. No.: 2017-1074

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
GLENWOOD DYER ROAD

LIMITS: IL RTE 83 - STONEY ISLAND COUNTY: COOK
SECTION: JOB NO.: R-90-019-17
STA. 153+00 TO STA. 157+00
SCALE: N/A SHEET 15 OF 15 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

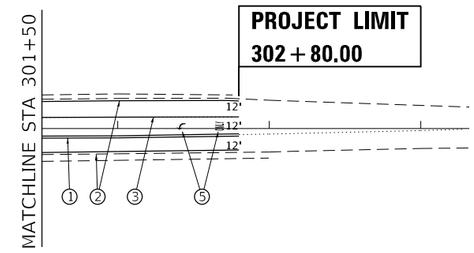


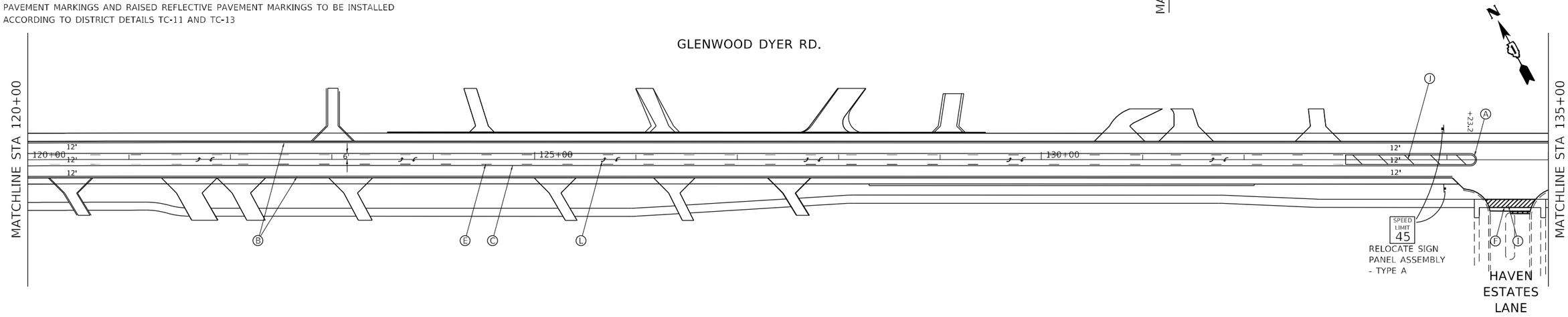
PAVEMENT MARKING LEGEND

- Ⓐ THERMOPLASTIC PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- Ⓑ THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" SOLID
- Ⓒ THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" SOLID
- Ⓓ THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" DASHED, 10' DASH 30' SKIP
- Ⓔ THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" DASHED, 10' DASH 30' SKIP
- Ⓕ THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" SOLID
- Ⓖ THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" DASHED, 2' DASH 6' SKIP
- Ⓗ THERMOPLASTIC PAVEMENT MARKING, WHITE, 8" SOLID
- Ⓘ THERMOPLASTIC PAVEMENT MARKING, WHITE, 12" SOLID
- Ⓙ THERMOPLASTIC PAVEMENT MARKING, YELLOW, 12" SOLID
- Ⓚ THERMOPLASTIC PAVEMENT MARKING, WHITE, 24" SOLID
- Ⓛ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

- ① MODIFIED URETHANE PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- ② MODIFIED URETHANE PAVEMENT MARKING, WHITE, 4" SOLID
- ③ MODIFIED URETHANE PAVEMENT MARKING, WHITE, 6" SOLID
- ④ MODIFIED URETHANE PAVEMENT MARKING, WHITE, 24" SOLID
- ⑤ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS

PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS TO BE INSTALLED ACCORDING TO DISTRICT DETAILS TC-11 AND TC-13





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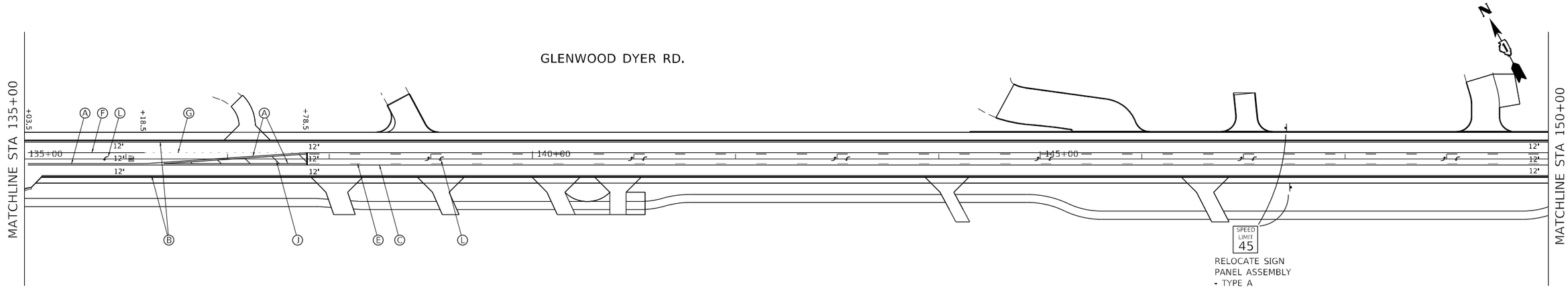
USER NAME = rostkows\dr	DESIGNED - RR	REVISED -	
	DRAWN - RR	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -	
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 1 OF 3 SHEETS | STA. 105+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	64
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

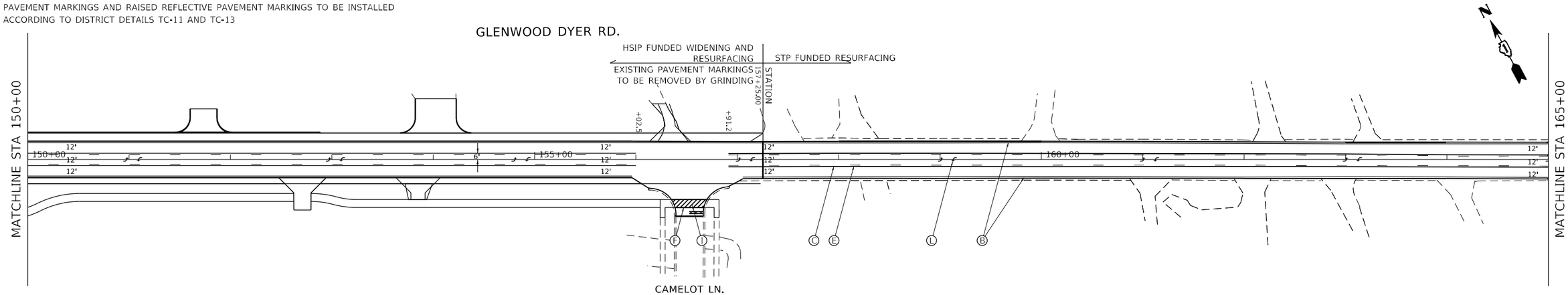


PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- (B) THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" SOLID
- (C) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" SOLID
- (D) THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" DASHED, 10' DASH 30' SKIP
- (E) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" DASHED, 10' DASH 30' SKIP
- (F) THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" SOLID
- (G) THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" DASHED, 2' DASH 6' SKIP
- (H) THERMOPLASTIC PAVEMENT MARKING, WHITE, 8" SOLID
- (I) THERMOPLASTIC PAVEMENT MARKING, WHITE, 12" SOLID
- (J) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 12" SOLID
- (K) THERMOPLASTIC PAVEMENT MARKING, WHITE, 24" SOLID
- (L) THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

- (1) MODIFIED URETHANE PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- (2) MODIFIED URETHANE PAVEMENT MARKING, WHITE, 4" SOLID
- (3) MODIFIED URETHANE PAVEMENT MARKING, WHITE, 6" SOLID
- (4) MODIFIED URETHANE PAVEMENT MARKING, WHITE, 24" SOLID
- (5) MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS

PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS TO BE INSTALLED ACCORDING TO DISTRICT DETAILS TC-11 AND TC-13



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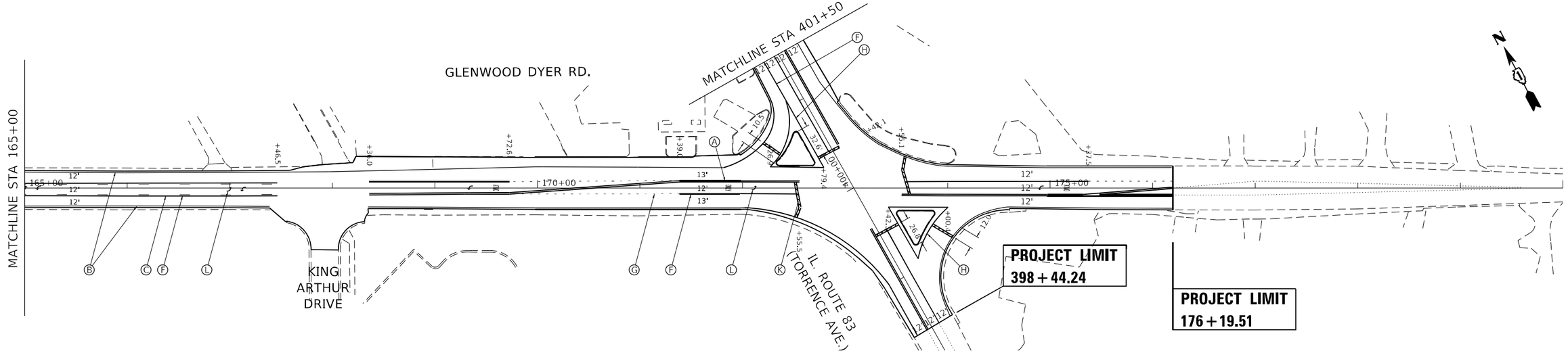
USER NAME = rostkowskir	DESIGNED - RR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - RR	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -	
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

PAVEMENT MARKING AND SIGNAGE PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 2 OF 3 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	65
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

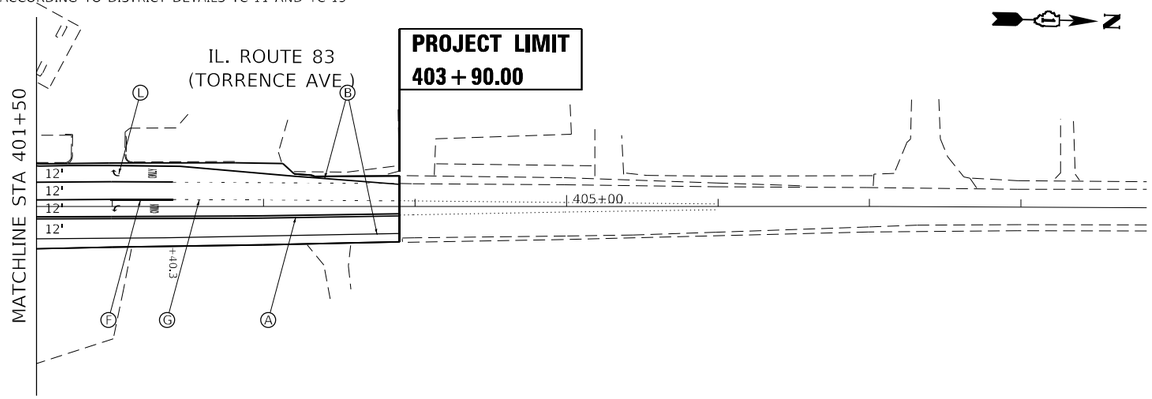


PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- (B) THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" SOLID
- (C) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" SOLID
- (D) THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" DASHED, 10' DASH 30' SKIP
- (E) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" DASHED, 10' DASH 30' SKIP
- (F) THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" SOLID
- (G) THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" DASHED, 2' DASH 6' SKIP
- (H) THERMOPLASTIC PAVEMENT MARKING, WHITE, 8" SOLID
- (I) THERMOPLASTIC PAVEMENT MARKING, WHITE, 12" SOLID
- (J) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 12" SOLID
- (K) THERMOPLASTIC PAVEMENT MARKING, WHITE, 24" SOLID
- (L) THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

- (1) MODIFIED URETHANE PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- (2) MODIFIED URETHANE PAVEMENT MARKING, WHITE, 4" SOLID
- (3) MODIFIED URETHANE PAVEMENT MARKING, WHITE, 6" SOLID
- (4) MODIFIED URETHANE PAVEMENT MARKING, WHITE, 24" SOLID
- (5) MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS

PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS TO BE INSTALLED ACCORDING TO DISTRICT DETAILS TC-11 AND TC-13



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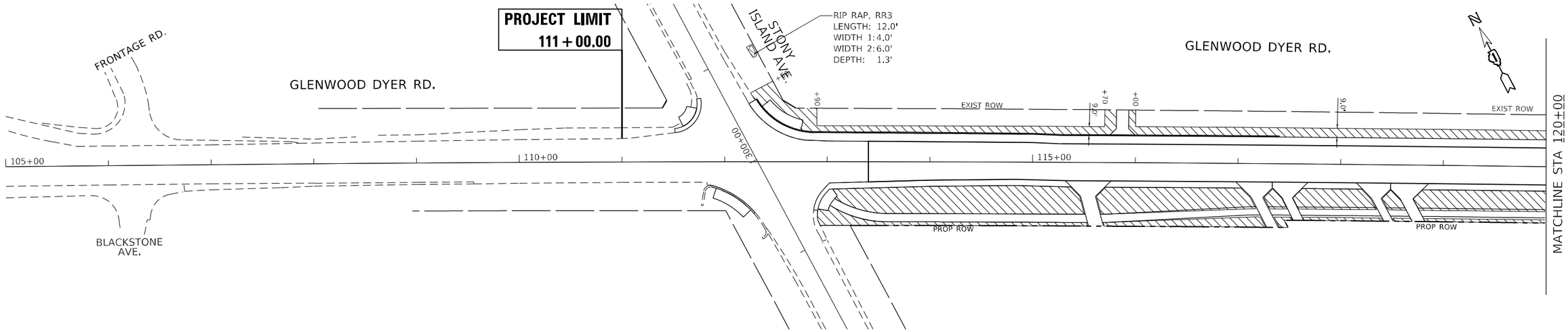
PAVEMENT MARKING AND SIGNAGE PLAN
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 3 OF 3 SHEETS | STA. 165+00 TO STA. 180+00

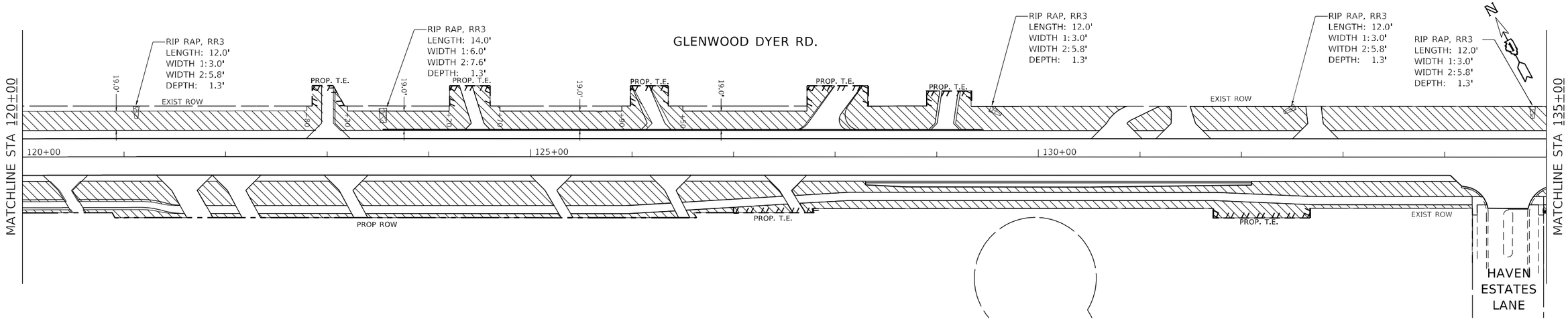
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	66
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



PROPOSED LANDSCAPING AND EROSION CONTROL LEGEND

SEEDING, CLASS 4 (MODIFIED) AND CLASS 5A (MODIFIED)

SODDING, SALT TOLERANT



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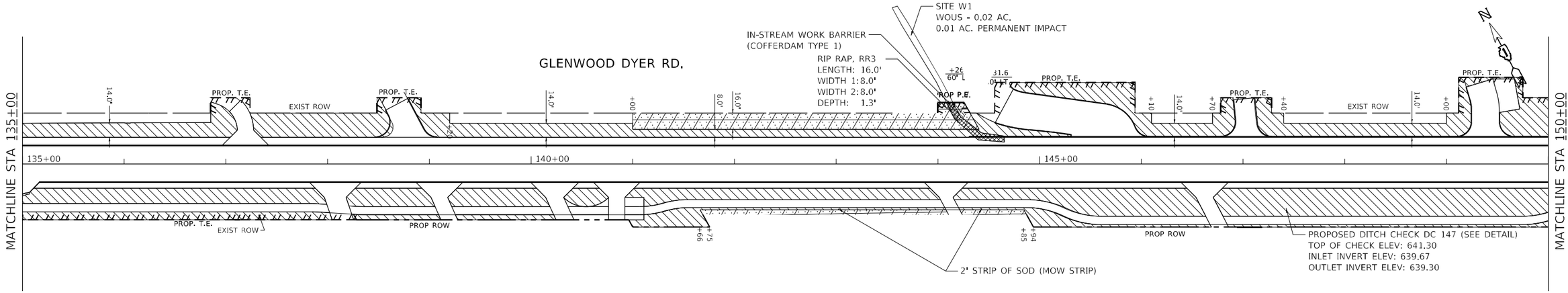
LANDSCAPING PLAN – TURF RESTORATION
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 1 OF 5 SHEETS | STA. 105+00 TO STA. 135+00

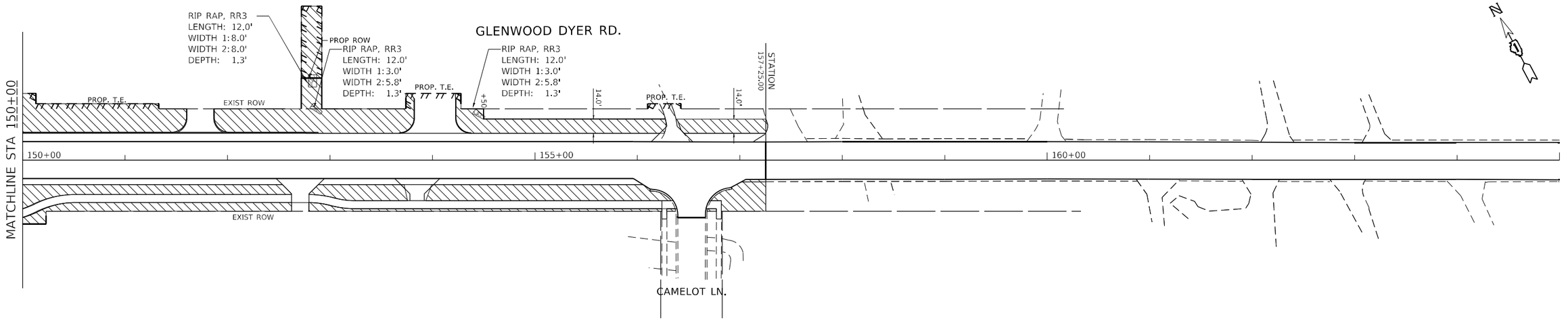
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	67
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



PROPOSED LANDSCAPING AND EROSION CONTROL LEGEND

SEEDING, CLASS 4 (MODIFIED) AND CLASS 5A (MODIFIED)

SODDING, SALT TOLERANT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN – TURF RESTORATION
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 2 OF 5 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	68
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

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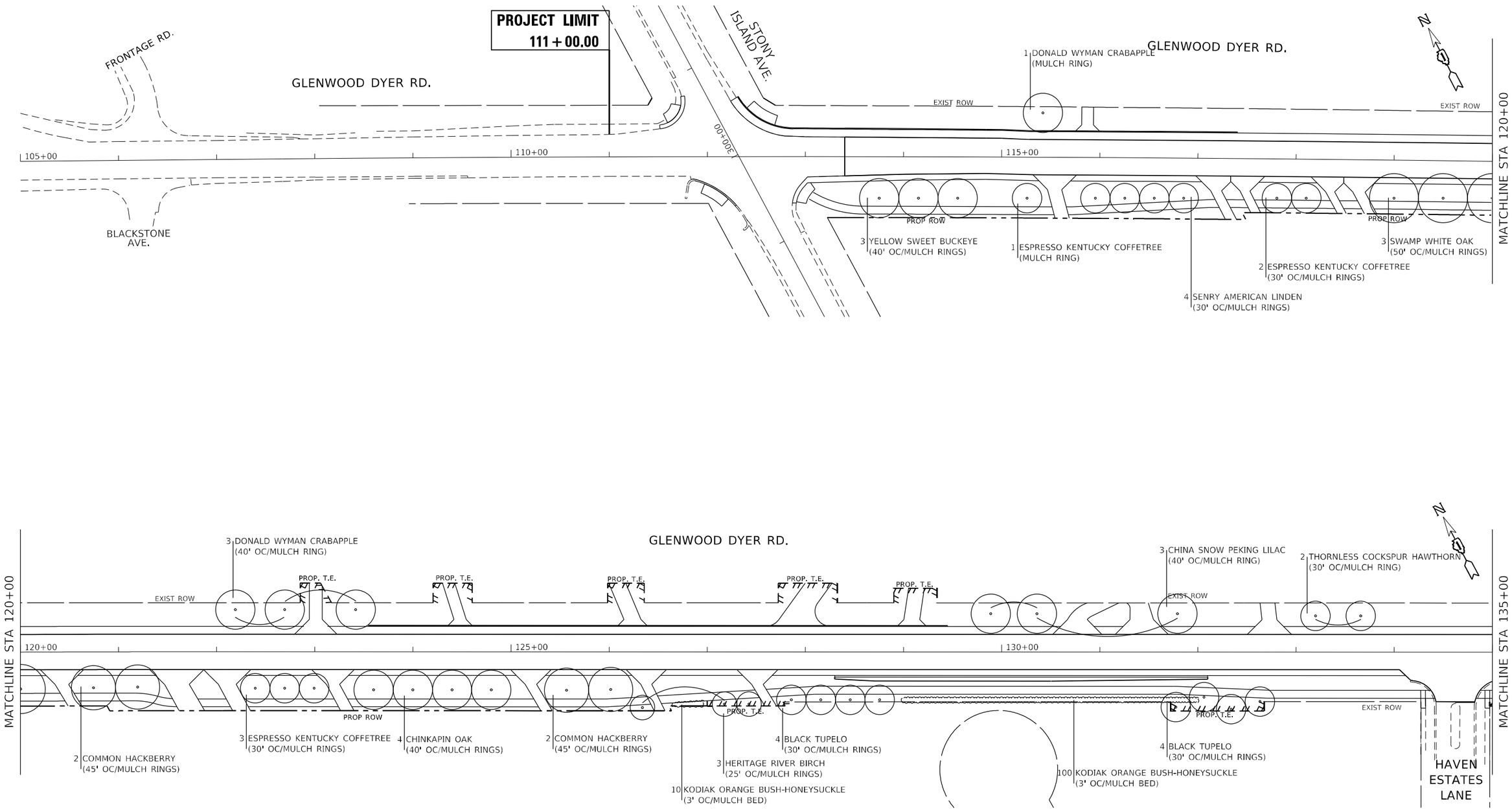

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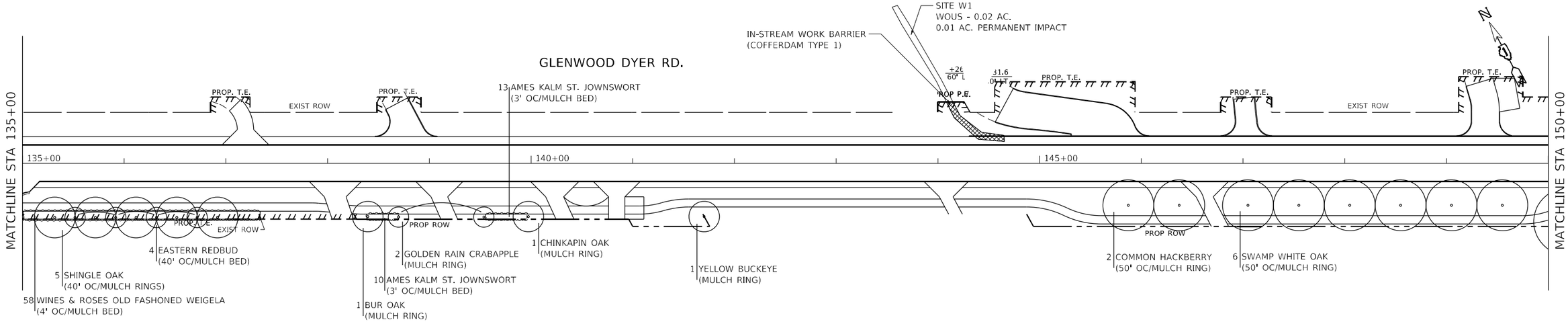
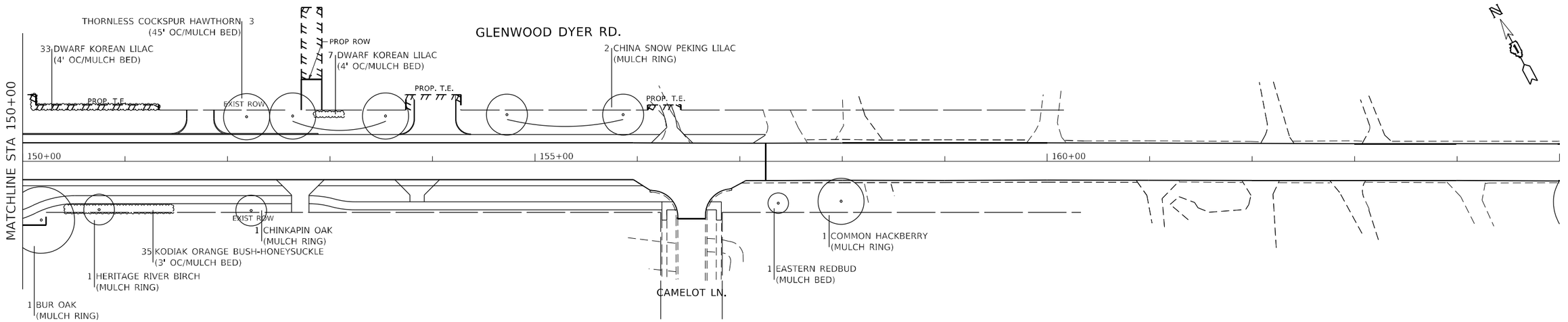
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN – TREES AND SHRUBS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 3 OF 5 SHEETS | STA. 105+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	69
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	





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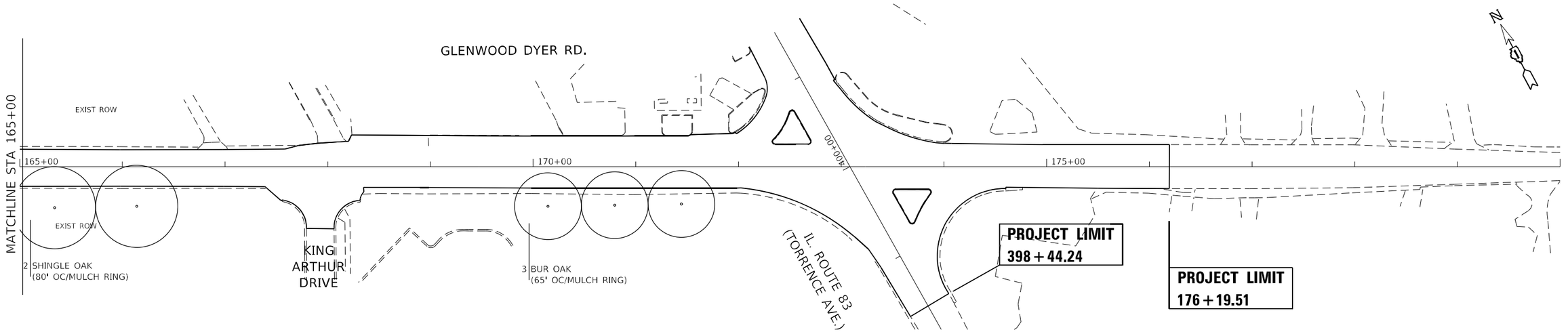
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN – TREES AND SHRUBS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 4 OF 5 SHEETS | STA. 135+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	70
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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LANDSCAPING PLAN – TREES AND SHRUBS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=50' | SHEET 5 OF 5 SHEETS | STA. 165+00 TO STA. 185+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	71
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	T	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX	J	J
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET	RXR	RXR
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R Y G ◄Y ◄G (P)	R Y G ◄Y ◄G (P)
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R Y G C ◄Y ◄G (P) (RB)	R Y G C ◄Y ◄G (P) (RB)
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

TS SHT NO. 1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	72
	TS-05	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

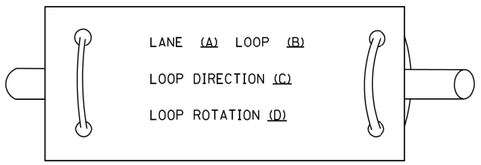
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

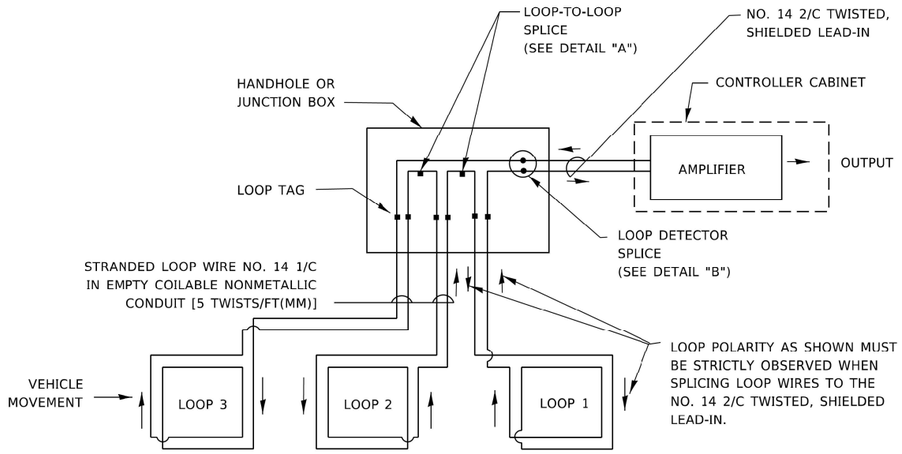


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

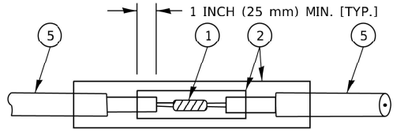
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

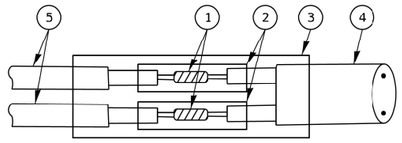


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

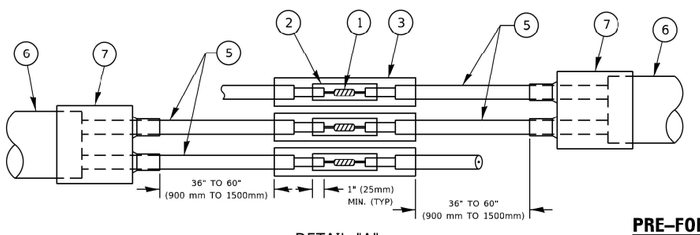


DETAIL "A"
LOOP-TO-LOOP SPLICE



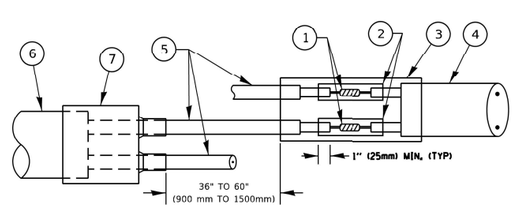
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

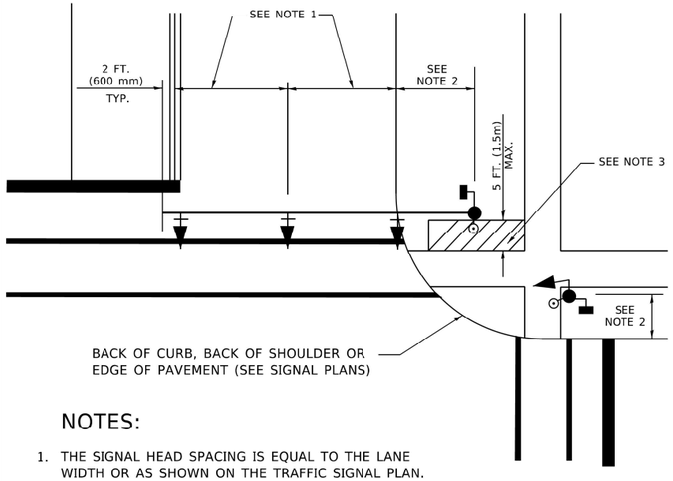
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	73
	TS-05	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

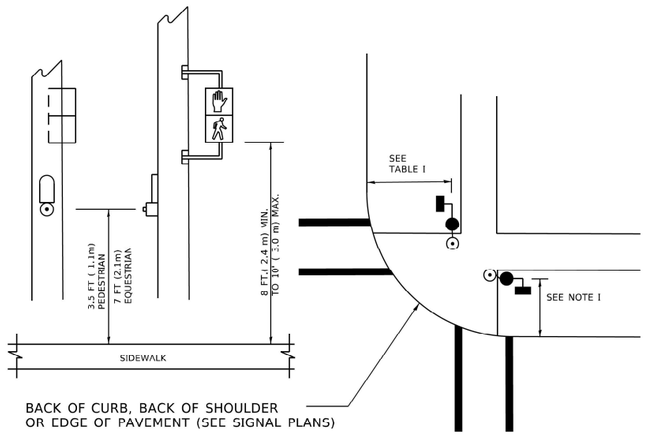
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

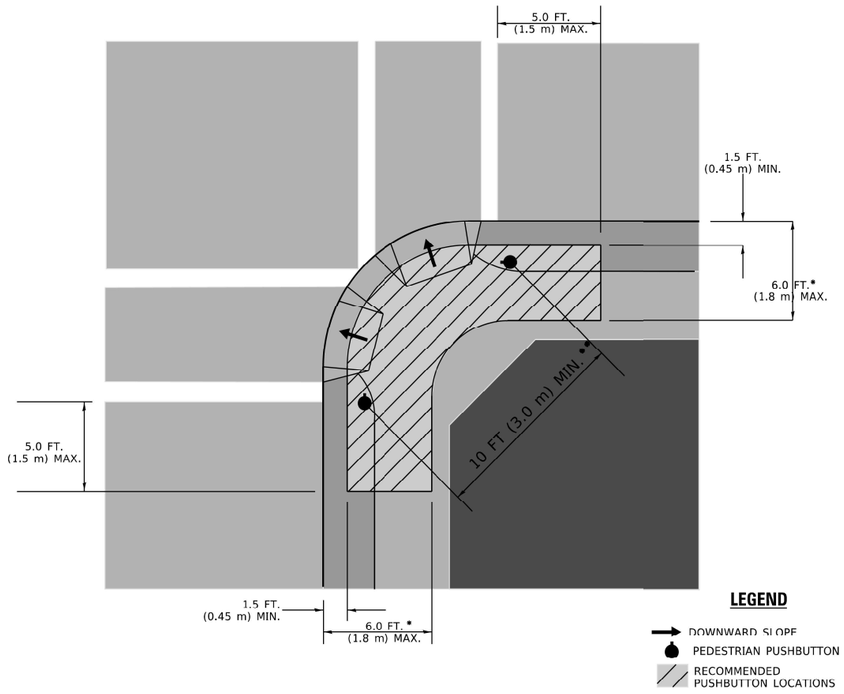
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 3

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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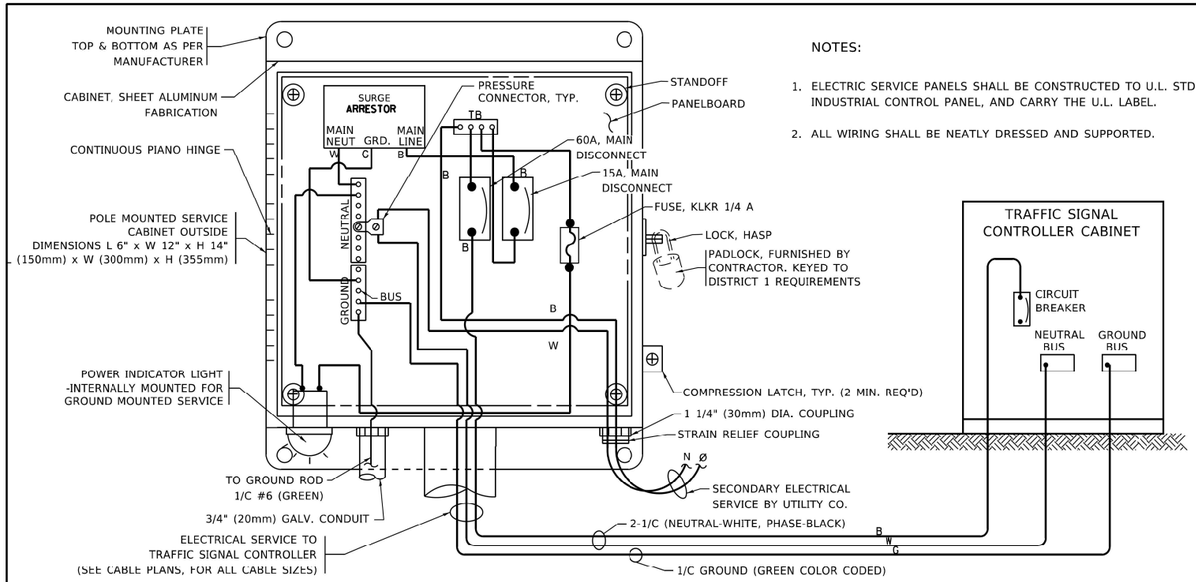
	TS-05	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



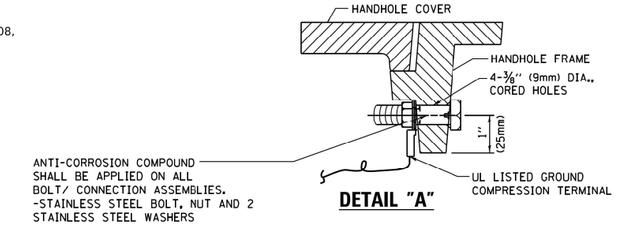
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

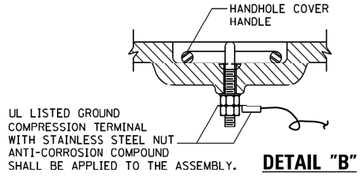
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



DETAIL "A"

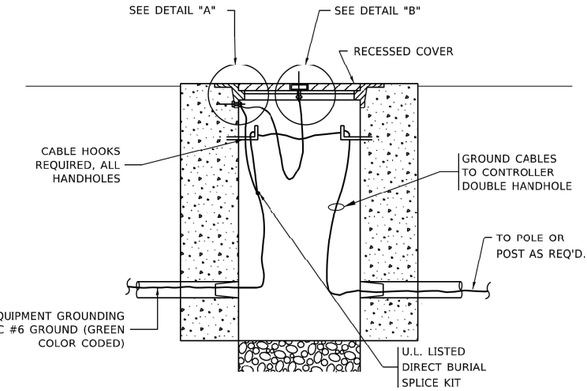


DETAIL "B"

NOTES:

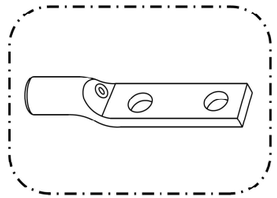
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC,). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

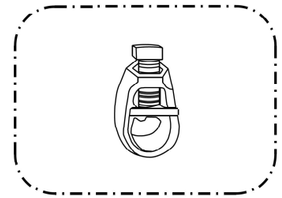


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



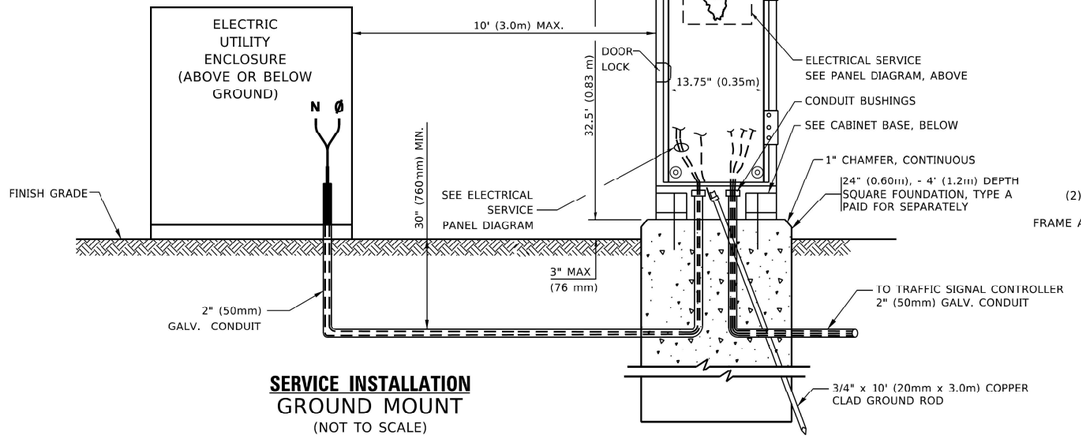
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

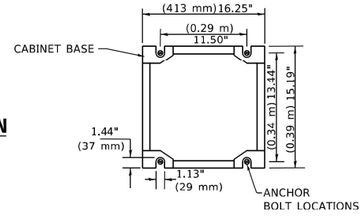
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION

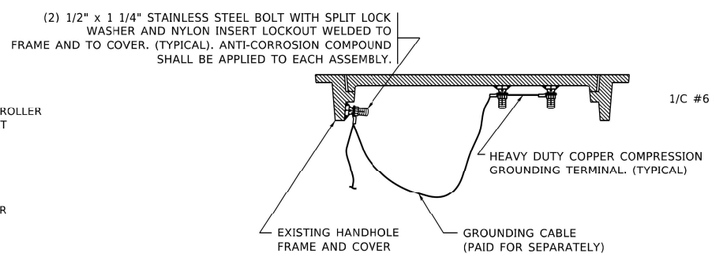
GROUND MOUNT

(NOT TO SCALE)



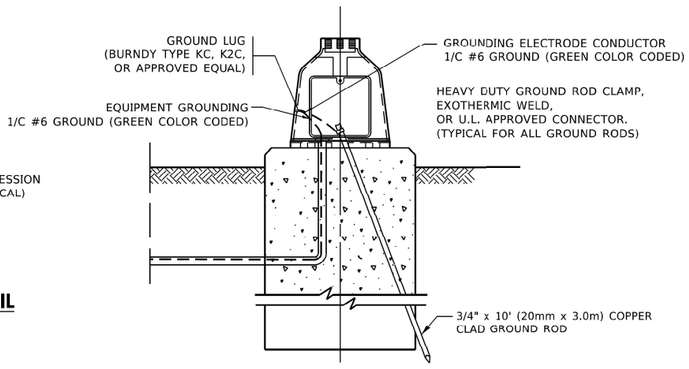
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

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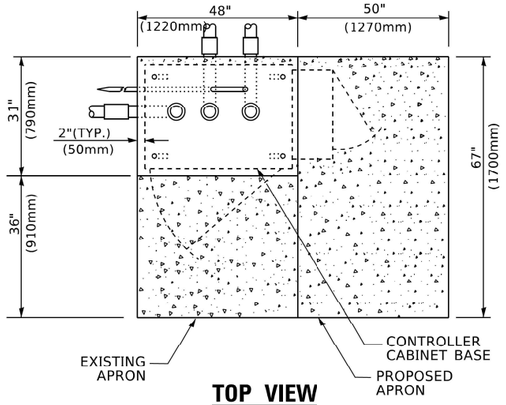
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

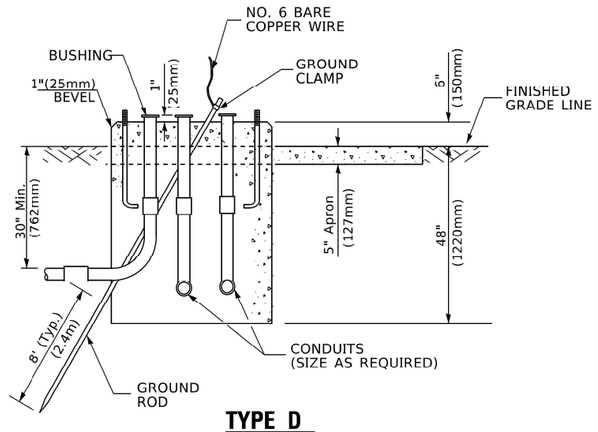
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. | TO STA.

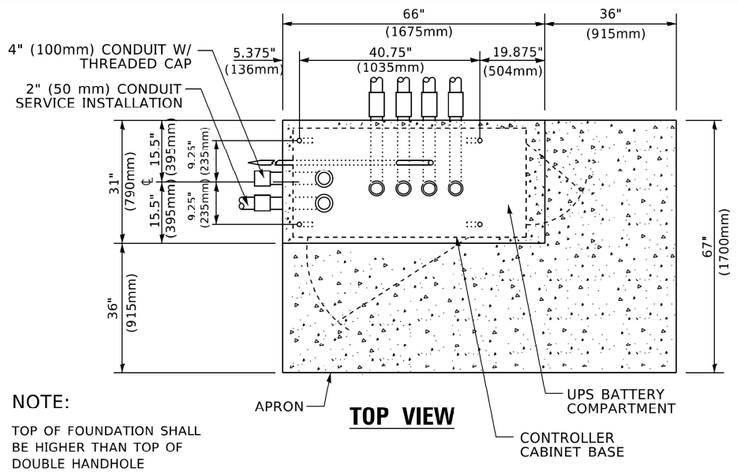
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	75
	TS-05	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



TOP VIEW



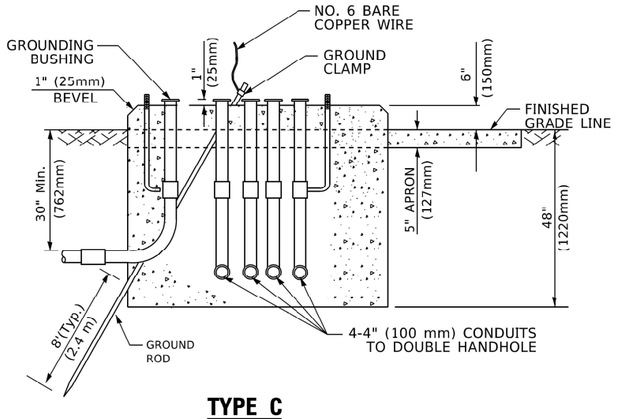
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



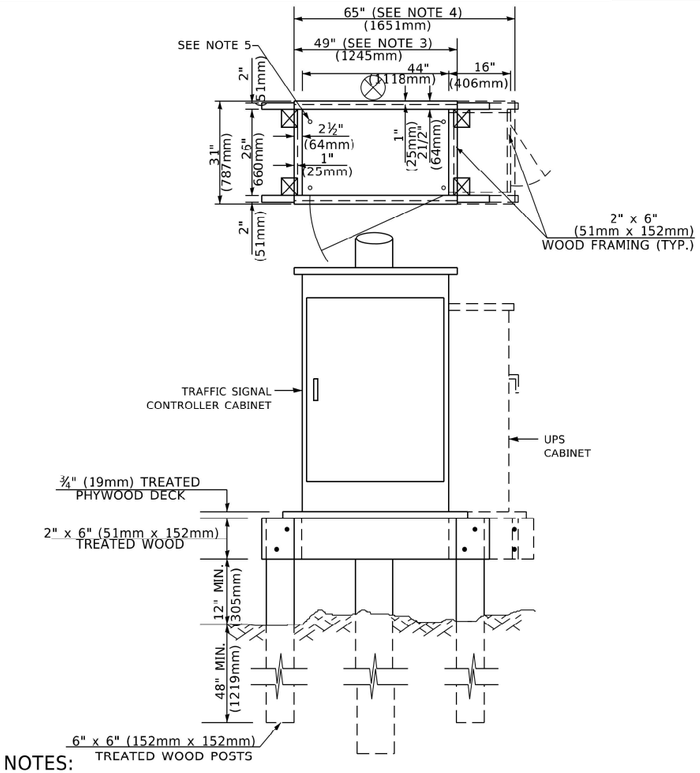
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



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



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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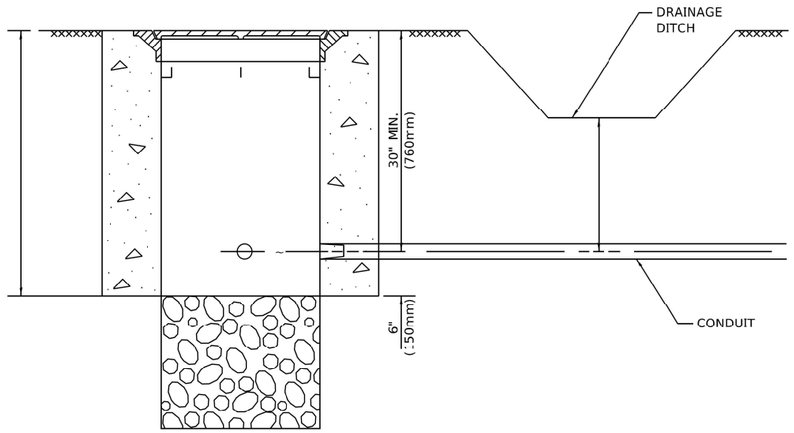
	TS-05	CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

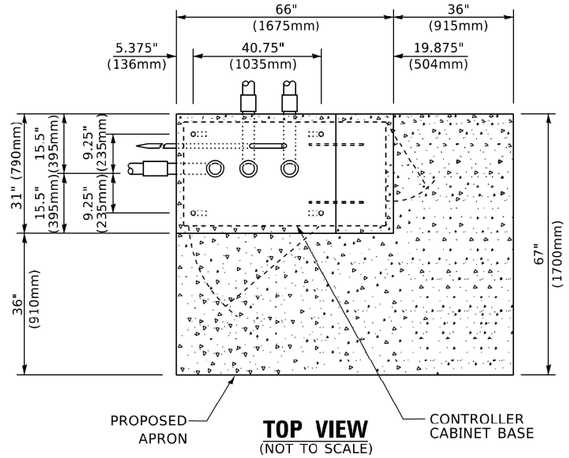


NOTES:

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

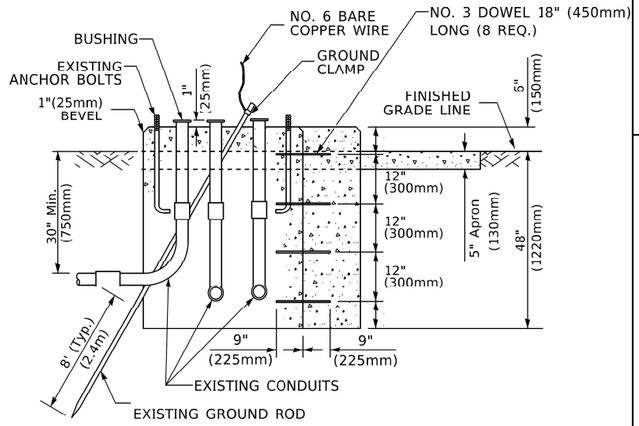
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



TOP VIEW

(NOT TO SCALE)

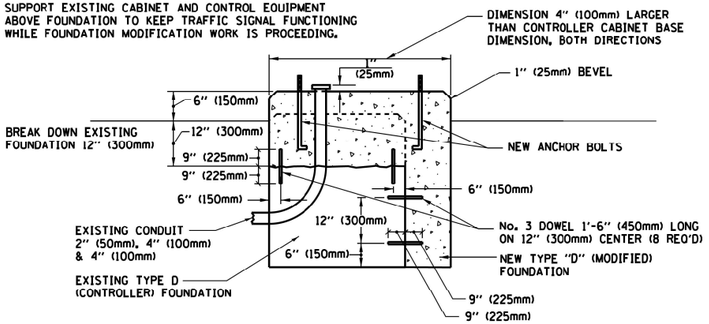


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

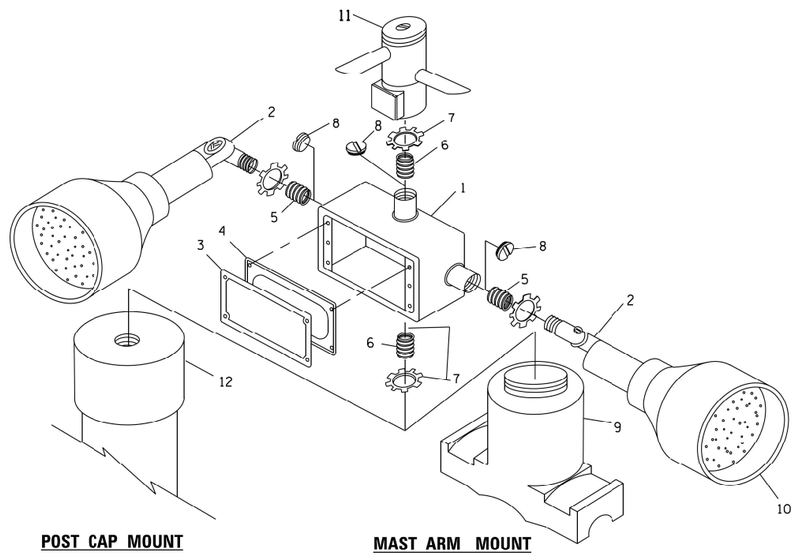
(NOT TO SCALE)

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



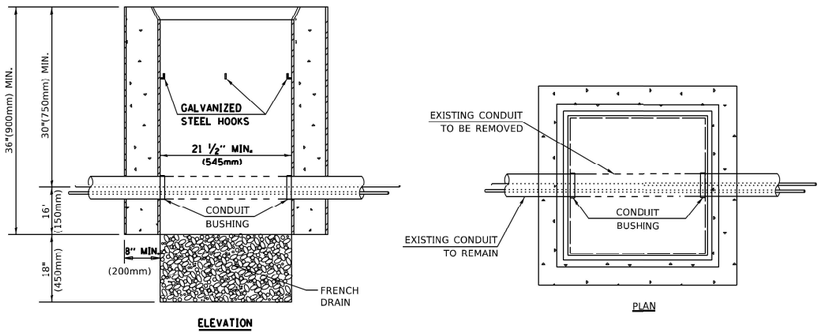
POST CAP MOUNT MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

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



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

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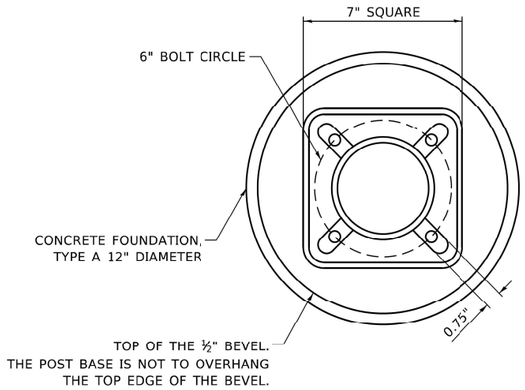
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. | TO STA.

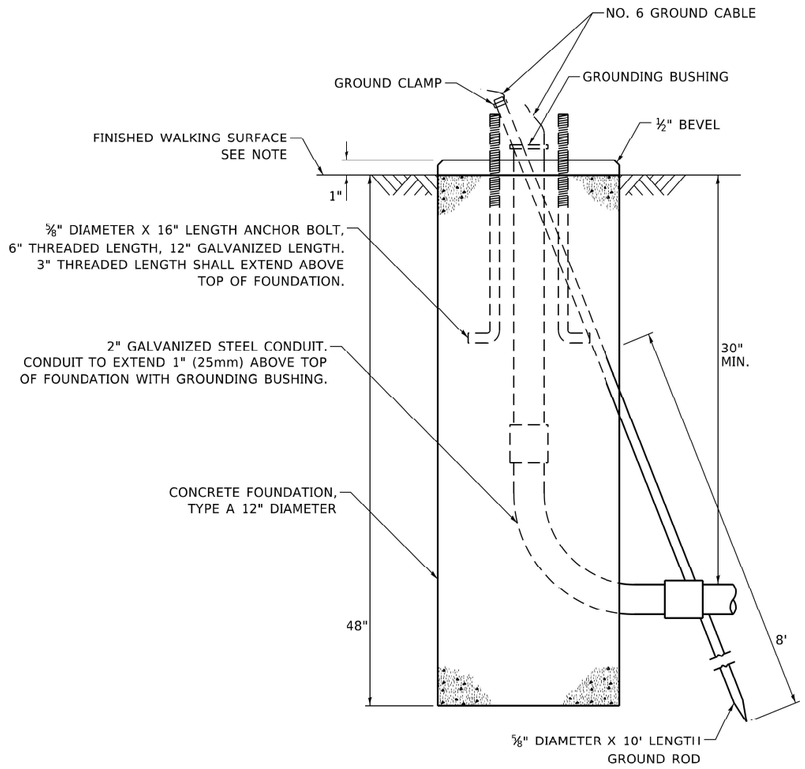
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	77
	TS-05	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



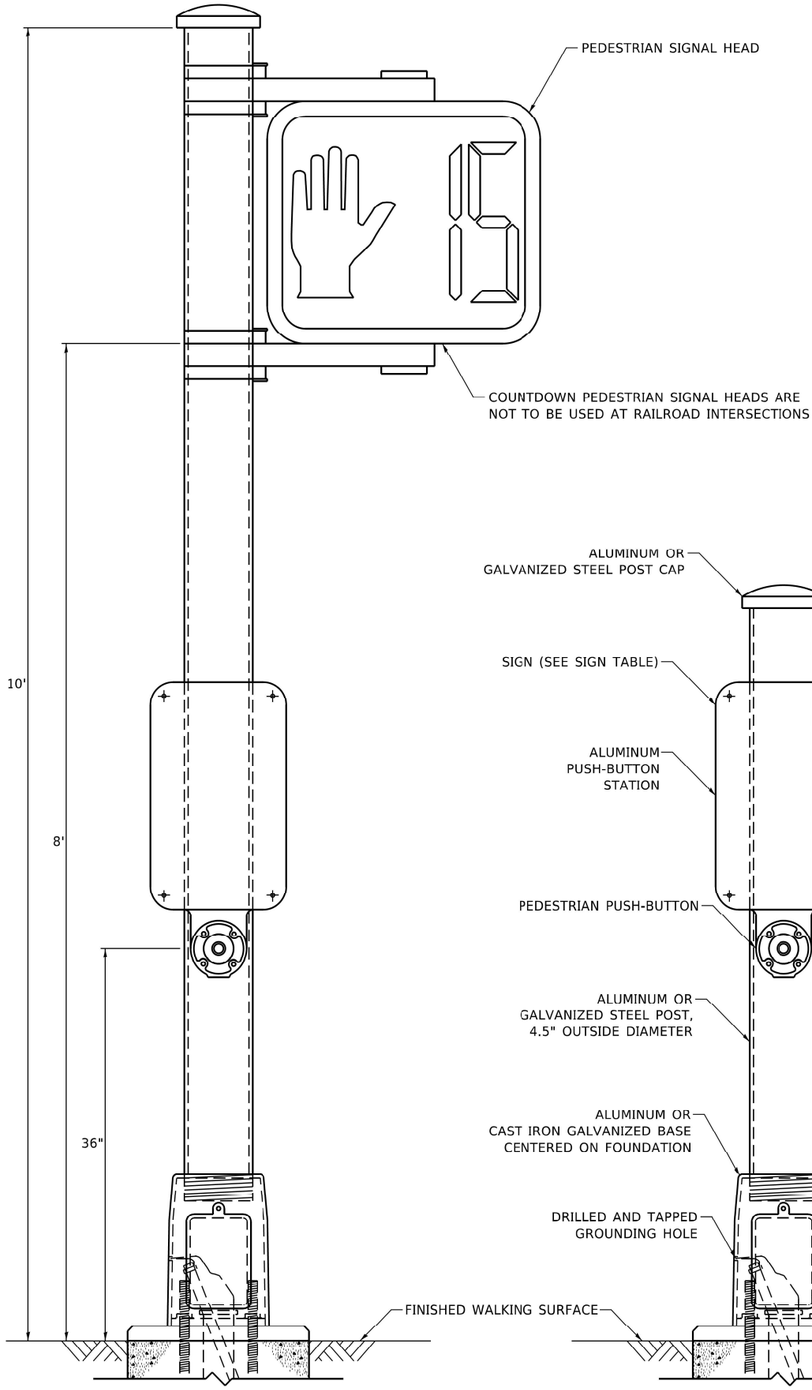
BOLT PATTERN

NOTE:

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



CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.

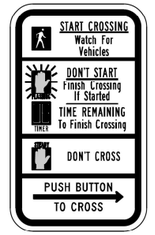
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:

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

TS SHT NO. 7

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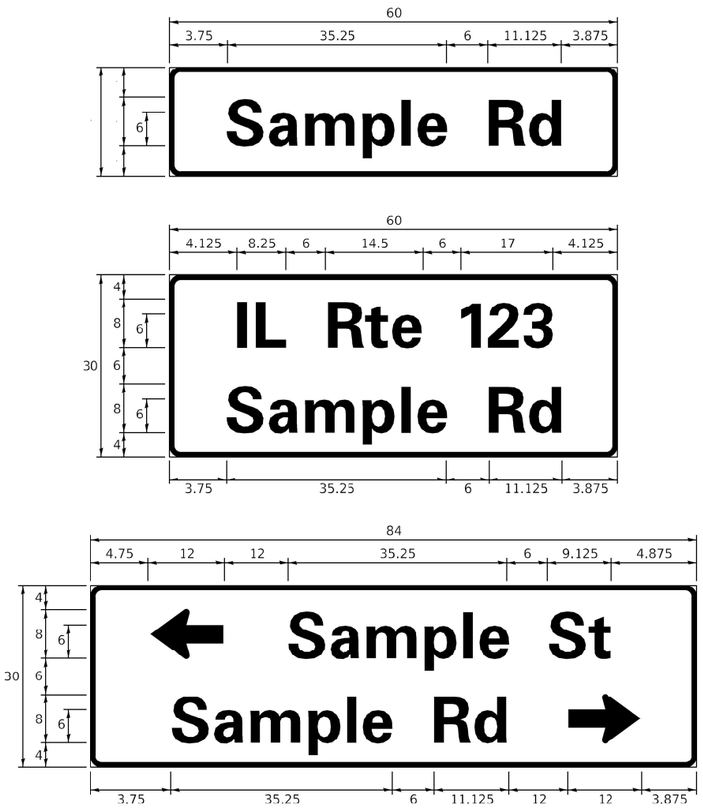
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	78
	TS–05	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

SIGN PANEL – TYPE 1 OR TYPE 2



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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

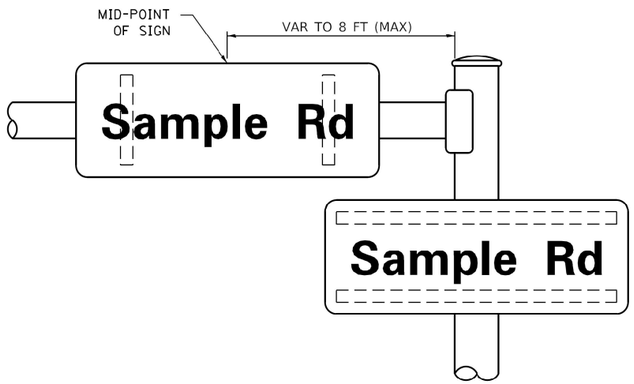
PARTS LISTING:

SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

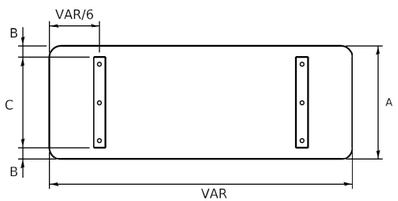
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

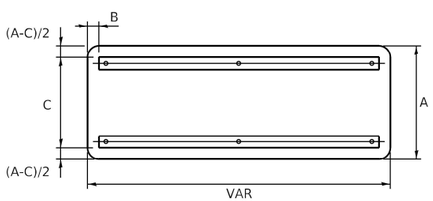
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
F	0.880	4.082	0.480	F	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.000	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

TS SHT NO. 8

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	79
	TS-02	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

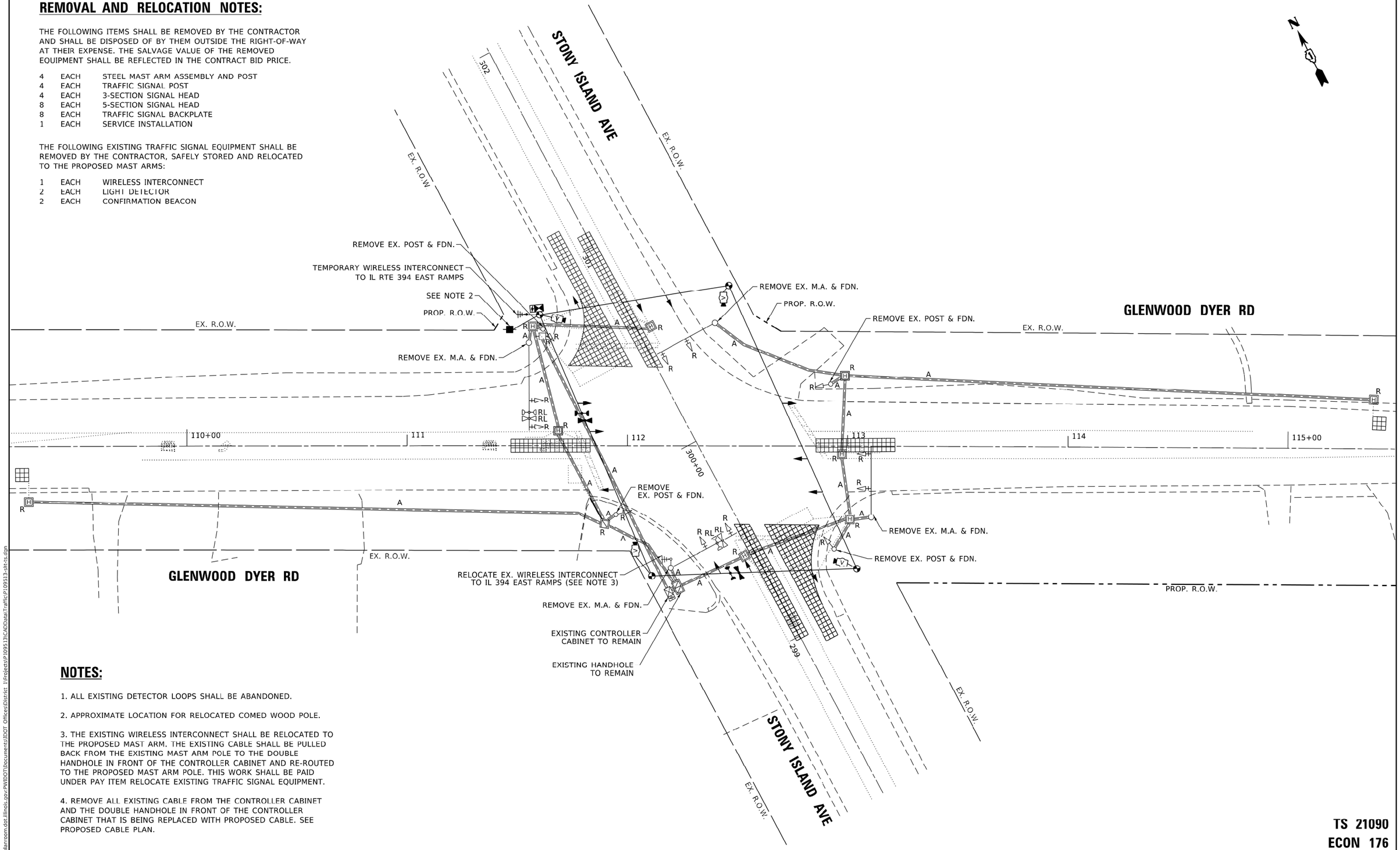
REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4	EACH	STEEL MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
4	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARMS:

1	EACH	WIRELESS INTERCONNECT
2	EACH	LIGHT DETECTOR
2	EACH	CONFIRMATION BEACON



NOTES:

1. ALL EXISTING DETECTOR LOOPS SHALL BE ABANDONED.

2. APPROXIMATE LOCATION FOR RELOCATED COMED WOOD POLE.

3. THE EXISTING WIRELESS INTERCONNECT SHALL BE RELOCATED TO THE PROPOSED MAST ARM. THE EXISTING CABLE SHALL BE PULLED BACK FROM THE EXISTING MAST ARM POLE TO THE DOUBLE HANDHOLE IN FRONT OF THE CONTROLLER CABINET AND RE-ROUTED TO THE PROPOSED MAST ARM POLE. THIS WORK SHALL BE PAID UNDER PAY ITEM RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT.

4. REMOVE ALL EXISTING CABLE FROM THE CONTROLLER CABINET AND THE DOUBLE HANDHOLE IN FRONT OF THE CONTROLLER CABINET THAT IS BEING REPLACED WITH PROPOSED CABLE. SEE PROPOSED CABLE PLAN.

TS 21090
ECON 176

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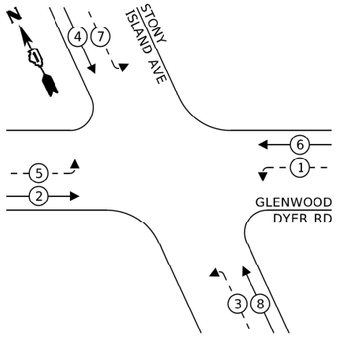
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVAL PLAN
GLENWOOD DYER RD AT STONY ISLAND AVE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	80
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

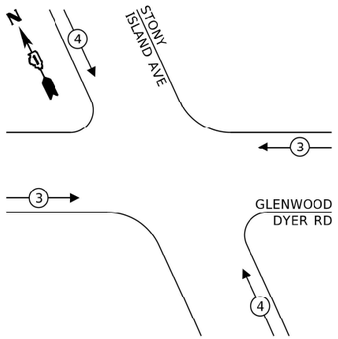
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



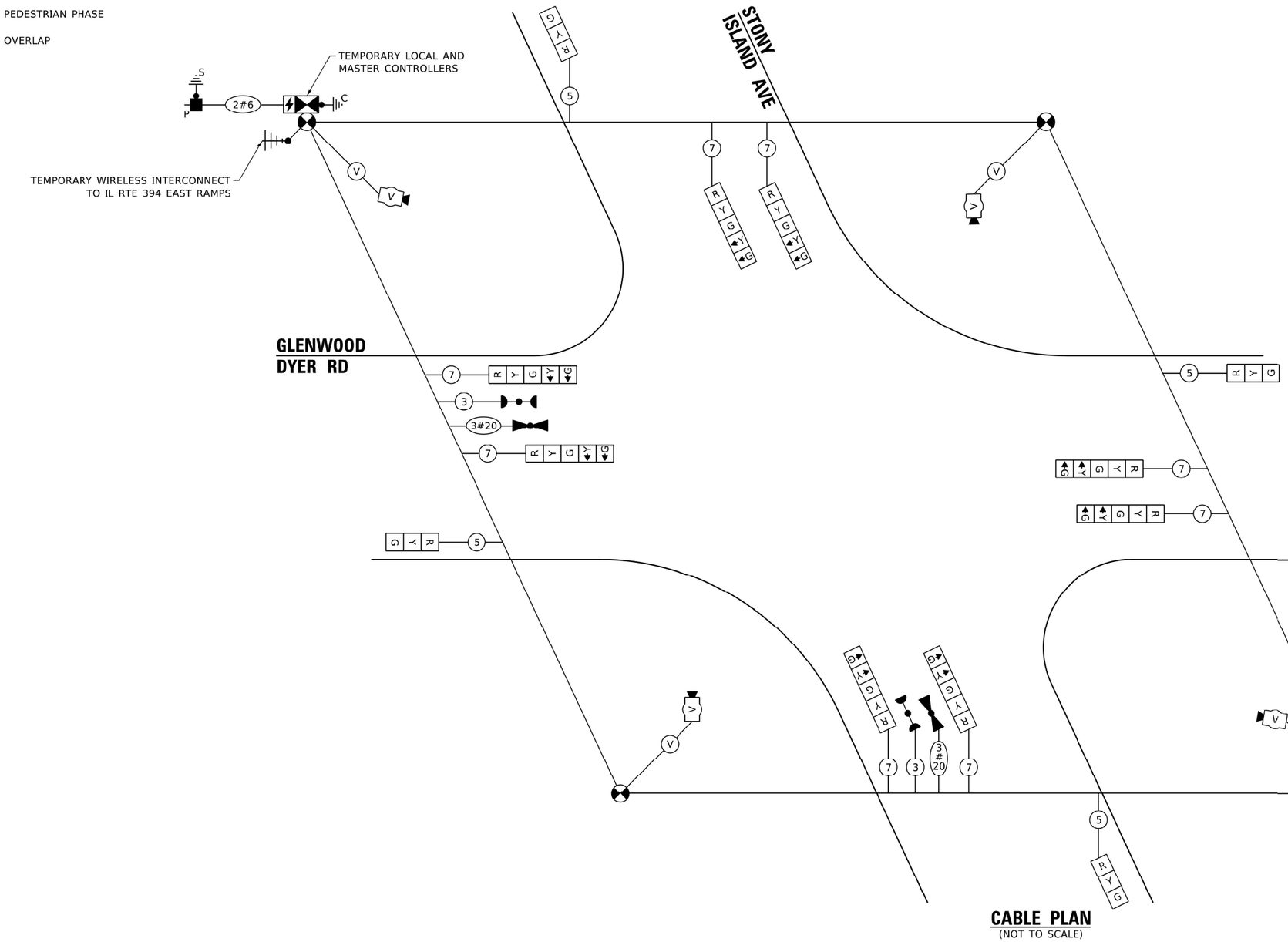
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	2	100	100	200.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	693.8

ENERGY COSTS TO:

VILLAGE OF LYNWOOD
21460 LINCOLN HWY
LYNWOOD, IL 60411

ENERGY SUPPLY: CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

TS 21090
ECON 176

TS SHT NO. 10

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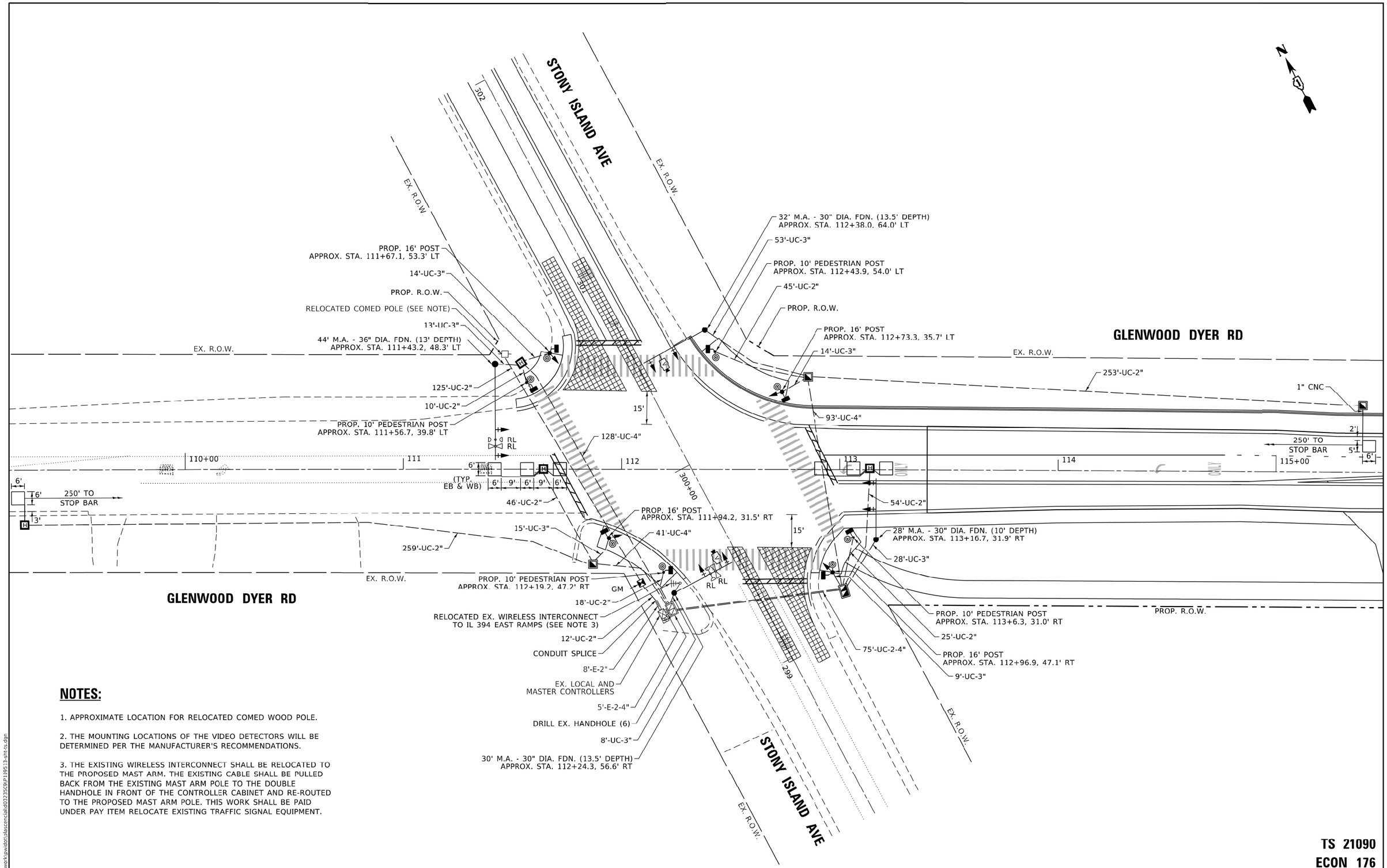
	DRAWN - IP	REVISED -		
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.
PLOT DATE = 1/8/2021	DATE - 1/8/2021	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	81
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. APPROXIMATE LOCATION FOR RELOCATED COMED WOOD POLE.

2. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

3. THE EXISTING WIRELESS INTERCONNECT SHALL BE RELOCATED TO THE PROPOSED MAST ARM. THE EXISTING CABLE SHALL BE PULLED BACK FROM THE EXISTING MAST ARM POLE TO THE DOUBLE HANDHOLE IN FRONT OF THE CONTROLLER CABINET AND RE-ROUTED TO THE PROPOSED MAST ARM POLE. THIS WORK SHALL BE PAID UNDER PAY ITEM RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT.

TS 21090
ECON 176

TS SHT NO. 11

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PLOT DATE = 1/8/2021	DATE - 1/8/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
GLENWOOD DYER RD AT STONY ISLAND AVE

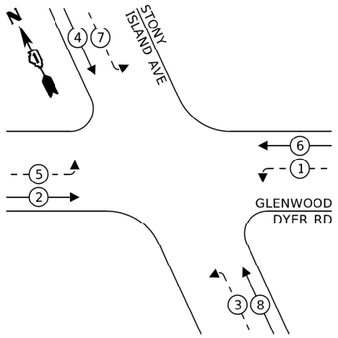
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	82

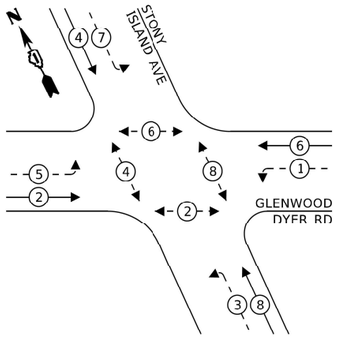
CONTRACT NO. 62F84

ILLINOIS | FED. AID PROJECT

EXISTING CONTROLLER SEQUENCE



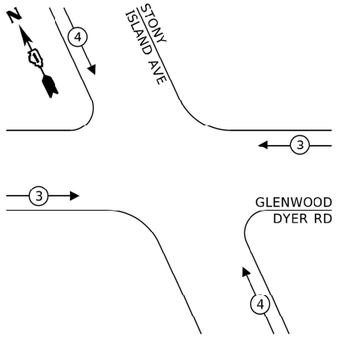
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



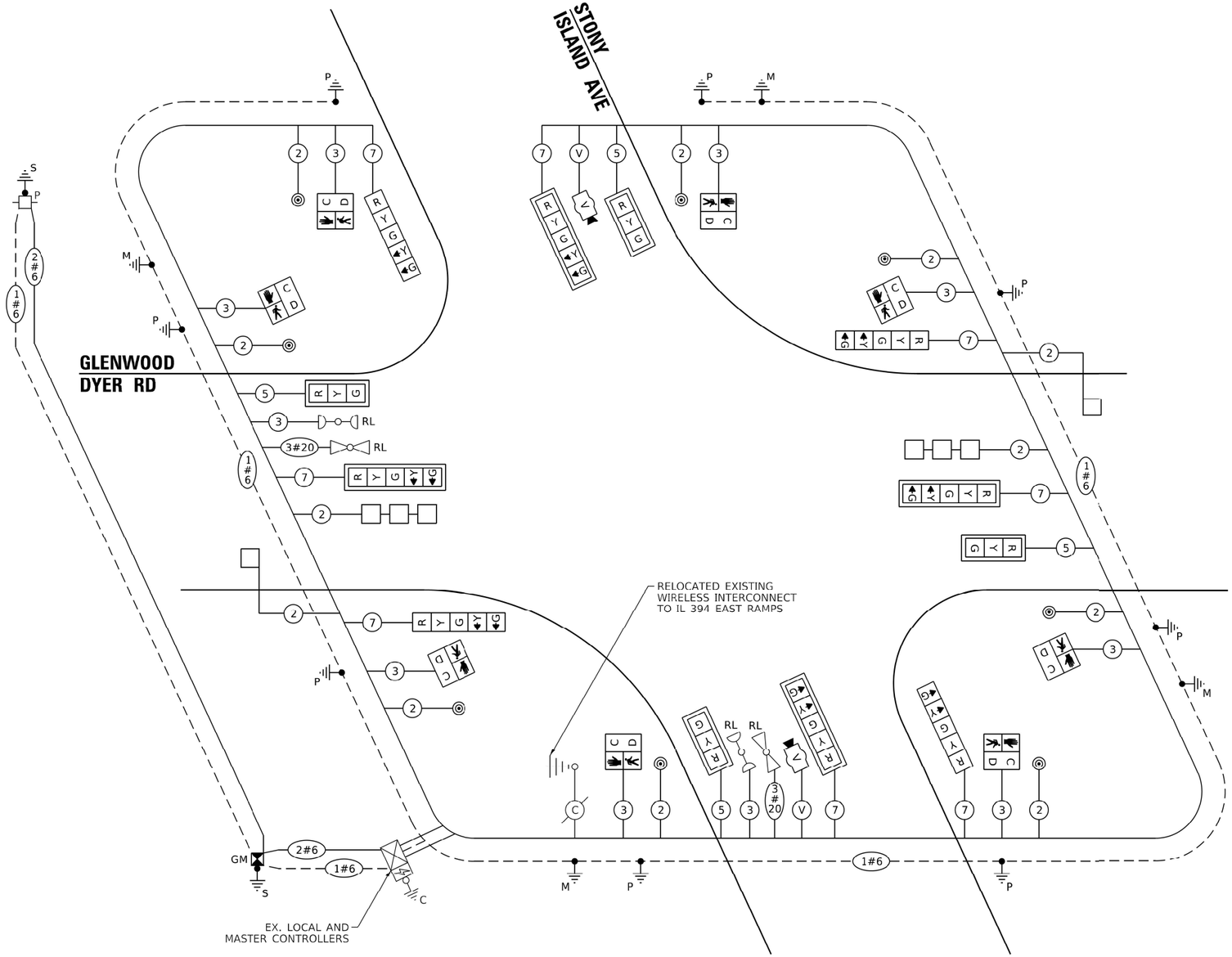
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	2	100	100	200.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	693.8

ENERGY COSTS TO:

VILLAGE OF LYNWOOD
21460 LINCOLN HWY
LYNWOOD, IL 60411

ENERGY SUPPLY: CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

TS 21090
ECON 176

TS SHT NO. 12

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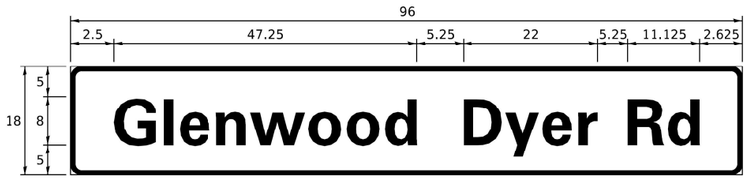
	DRAWN - IP	REVISED -		
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.
PLOT DATE = 1/8/2021	DATE - 1/8/2021	REVISED -		

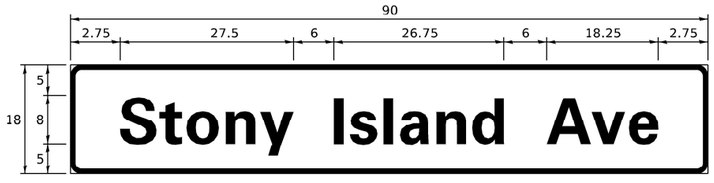
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	83
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.0	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	11.25	2	ZZ	2

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

SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNITS	TOTAL QTY
	SIGN PANEL - TYPE 2	SQ FT	46.5
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	847
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	154
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	412
	HANDHOLE	EACH	3
	HEAVY-DUTY HANDHOLE	EACH	4
	DOUBLE HANDHOLE	EACH	1
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,300
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,650
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	800
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,500
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,100
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	200
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	900
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE A	FOOT	20
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	37
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
	DRILL EXISTING HANDHOLE	EACH	6
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
	DETECTOR LOOP, TYPE I	FOOT	260
	PEDESTRIAN PUSH-BUTTON	EACH	8
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
✱	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
	MODIFY EXISTING CONTROLLER	EACH	1
	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	750
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	10
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
✱	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	320
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4
	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2
	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16

✱ 100% COST TO THE VILLAGE OF LYNWOOD

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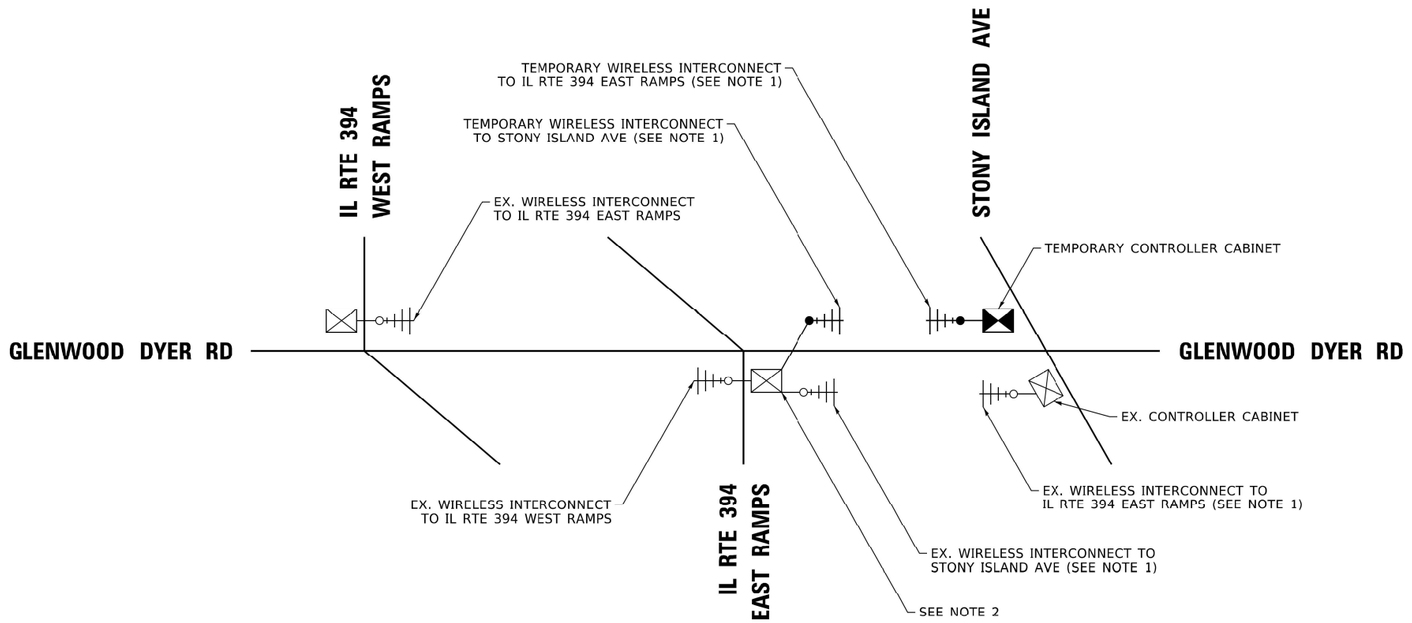
TS 21090
ECON 176

USER NAME = plascenciai	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES GLENWOOD DYER RD AT STONY ISLAND AVE
	DRAWN - IP	REVISED -		
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -		
PLOT DATE = 1/8/2021	DATE - 1/8/2021	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	84
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1



NOTES:

1. THE EXISTING WIRELESS INTERCONNECT BETWEEN IL RTE 394 EAST RAMPS AND STONY ISLAND AVE SHALL BE DISCONNECTED. TEMPORARY WIRELESS INTERCONNECT SHALL BE INSTALLED AND MAINTAINED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION UNTIL THE EXISTING WIRELESS INTERCONNECT IS RELOCATED AND OPERATIONAL.

2. MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION FOR GLENWOOD DYER RD AT IL RTE 394 EAST RAMPS WILL BE REQUIRED TO INSTALL THE TEMPORARY WIRELESS INTERCONNECT.

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ECON 176

USER NAME = plascencial	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INTERCONNECT SCHEMATIC GLENWOOD DYER RD – IL RTE 394 WEST RAMPS TO STONY ISLAND AVE	
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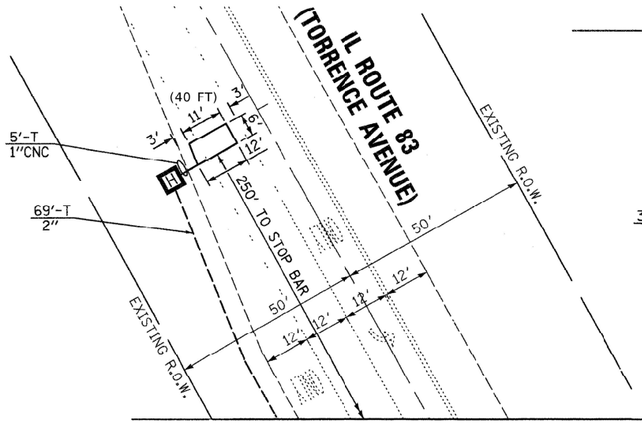
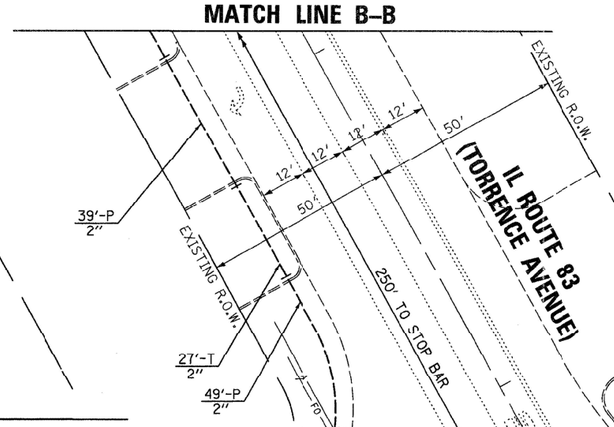
PLOT DATE = 1/8/2021	DATE - 1/8/2021	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

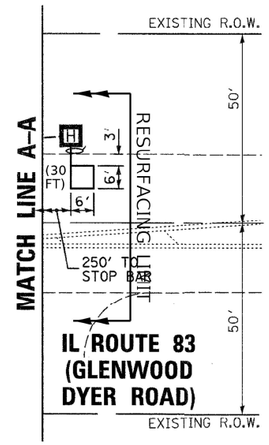
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	85
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

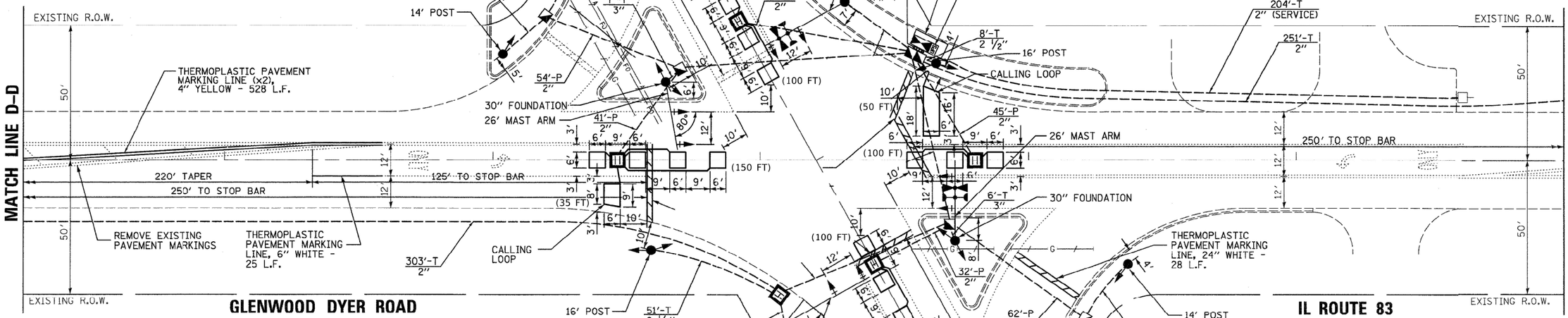
REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

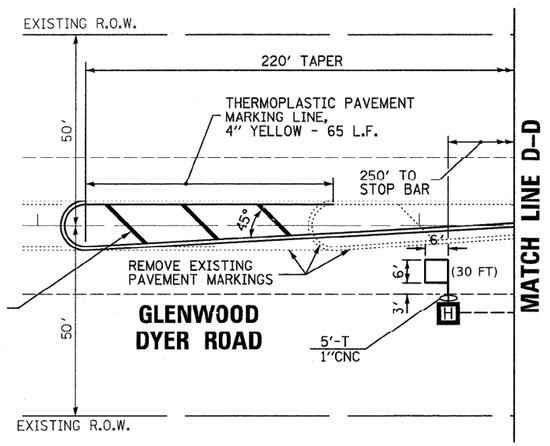
CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	635	FOOT











NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

TS 3345

TS SHT NO. 15

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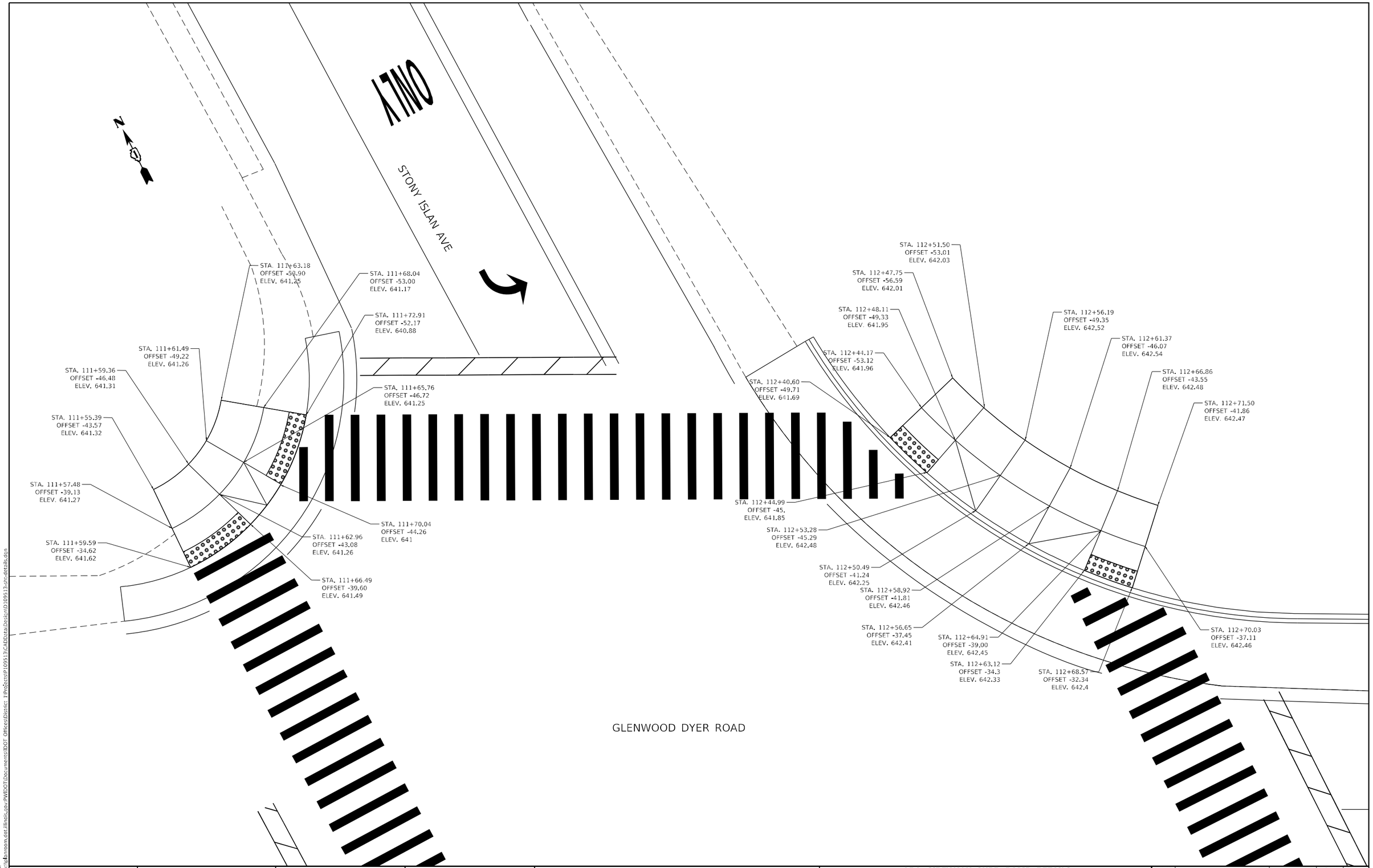
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
GLENWOOD DYER RD AT TORRENCE AVE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	86
		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK CURB RAMP DETAILS
GLENWOOD DYER ROAD AT STONY ISLAND AVENUE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 1 OF 4 SHEETS | STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	87
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

GLENWOOD DYER ROAD

STA. 111+97.23
OFFSET 27.85
ELEV. 642.99

STA. 112+00.09
OFFSET 34.57
ELEV. 643.13

STA. 112+02.35
OFFSET 30.12
ELEV. 643

STA. 112+07.41
OFFSET 32.82
ELEV. 643.26

STA. 112+04.90
OFFSET 37.07
ELEV. 643.27

STA. 112+12.52
OFFSET 36.0
ELEV. 643.04

STA. 112+09.65
OFFSET 40.0
ELEV. 643.3

STA. 112+17.12
OFFSET 39.47
ELEV. 643.06

STA. 112+13.97
OFFSET 43.30
ELEV. 643.07

STA. 111+95.36
OFFSET 32.44
ELEV. 643.08

STA. 111+93.50
OFFSET 37.03
ELEV. 643.13

STA. 111+98.04
OFFSET 39.05
ELEV. 643.21

STA. 112+02.48
OFFSET 41.43
ELEV. 643.3

STA. 112+21.46
OFFSET 43.12
ELEV. 643.09

STA. 112+06.91
OFFSET 44.25
ELEV. 643.38

STA. 112+10.91
OFFSET 47.1
ELEV. 643.14

STA. 112+14.71
OFFSET 50.45
ELEV. 643.17

STA. 112+18.04
OFFSET 46.77
ELEV. 643.1

STA. 112+95.97
OFFSET 34.15
ELEV. 643

STA. 113+02.04
OFFSET 26.76
ELEV. 643.01

STA. 113+05.40
OFFSET 26.64
ELEV. 642.91

STA. 113+09.73
OFFSET 33.05
ELEV. 642.98

STA. 113+07.29
OFFSET 35.87
ELEV. 643.04

STA. 112+91.14
OFFSET 45.92
ELEV. 643.08

STA. 113+04.18
OFFSET 39.62
ELEV. 643.09

STA. 113+00.80
OFFSET 47.78
ELEV. 643.23

STA. 113+01.46
OFFSET 45.78
ELEV. 643.2

STONY ISLAN AVE

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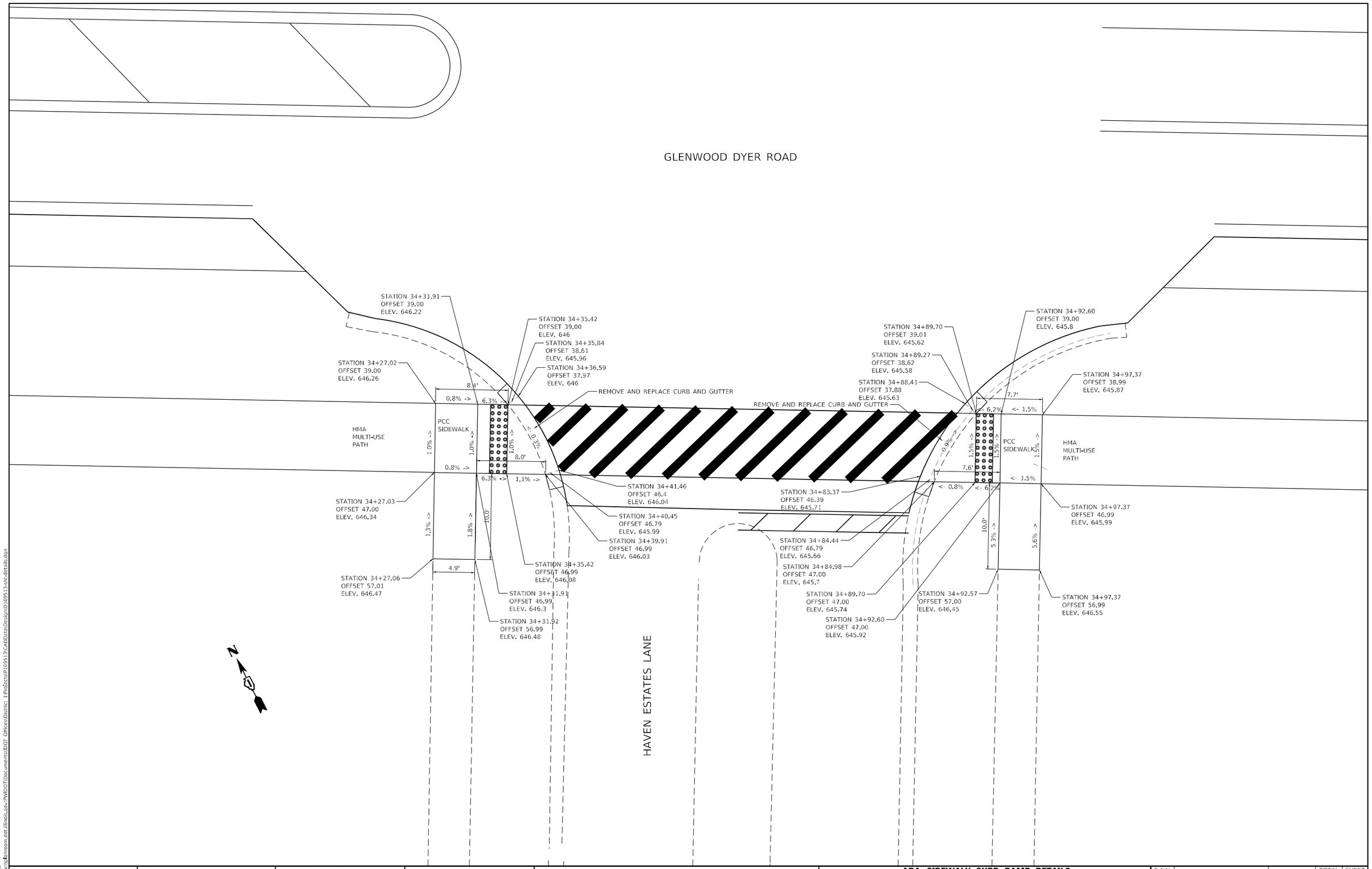
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK CURB RAMP DETAILS
GLENWOOD DYER ROAD AT STONY ISLAND AVENUE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 2 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	88
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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	DRAWN - RR	REVISED -	
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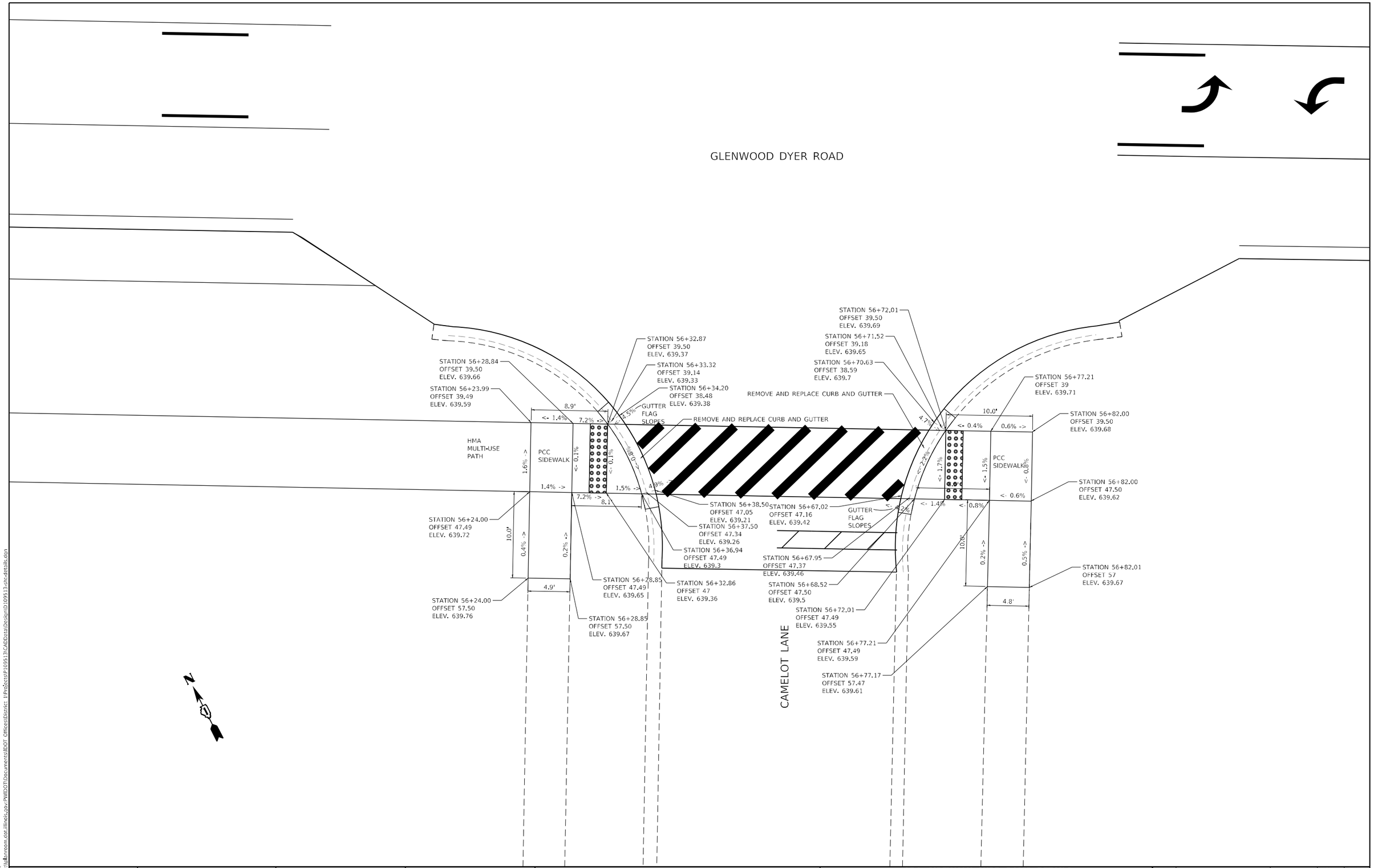
PLOT DATE = 4/30/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK CURB RAMP DETAILS
GLENWOOD DYER ROAD AT HAVEN ESTATES LANE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 3 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	89
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



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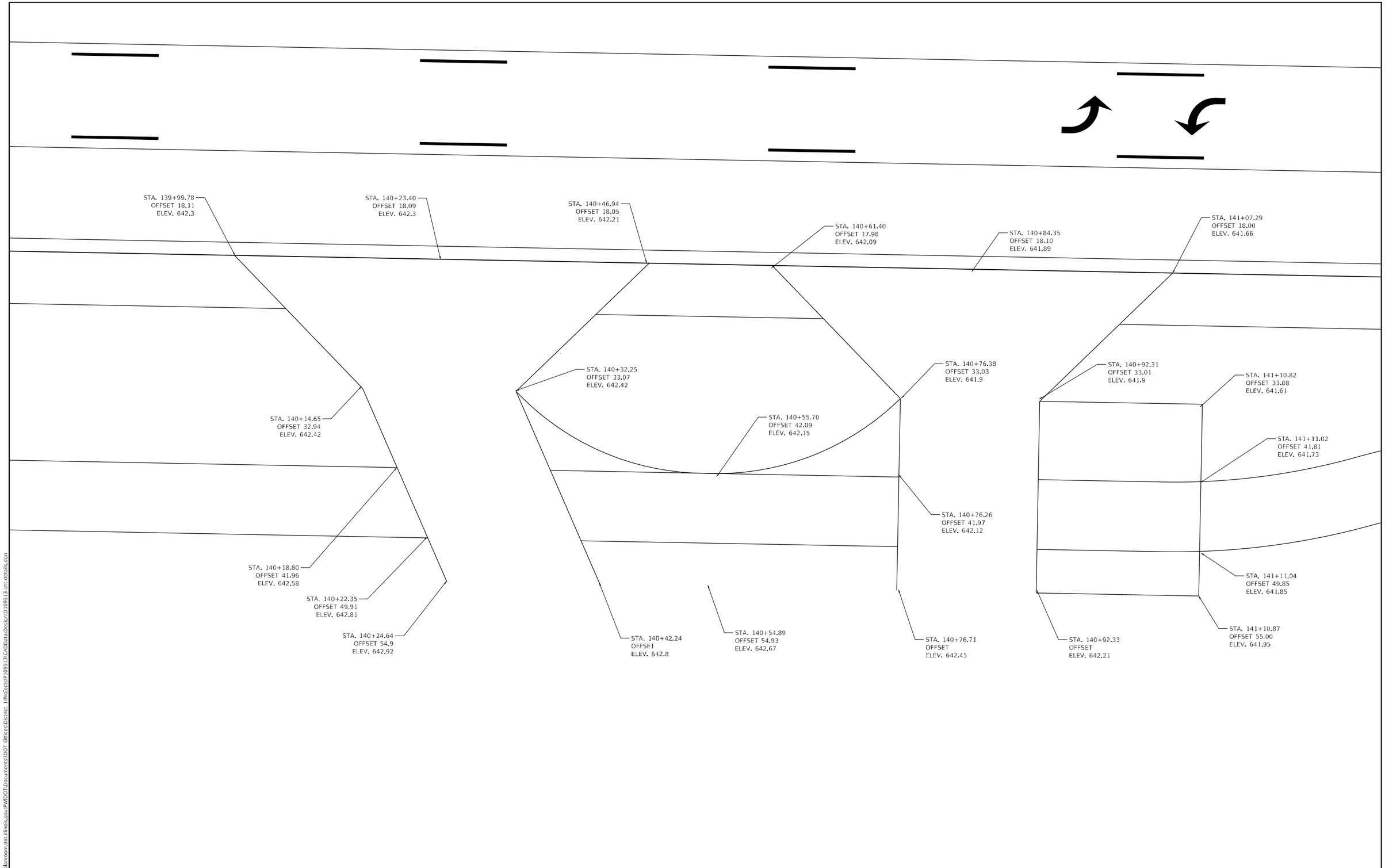
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK CURB RAMP DETAILS
GLENWOOD DYER ROAD AT CAMELOT LANE
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 4 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	90
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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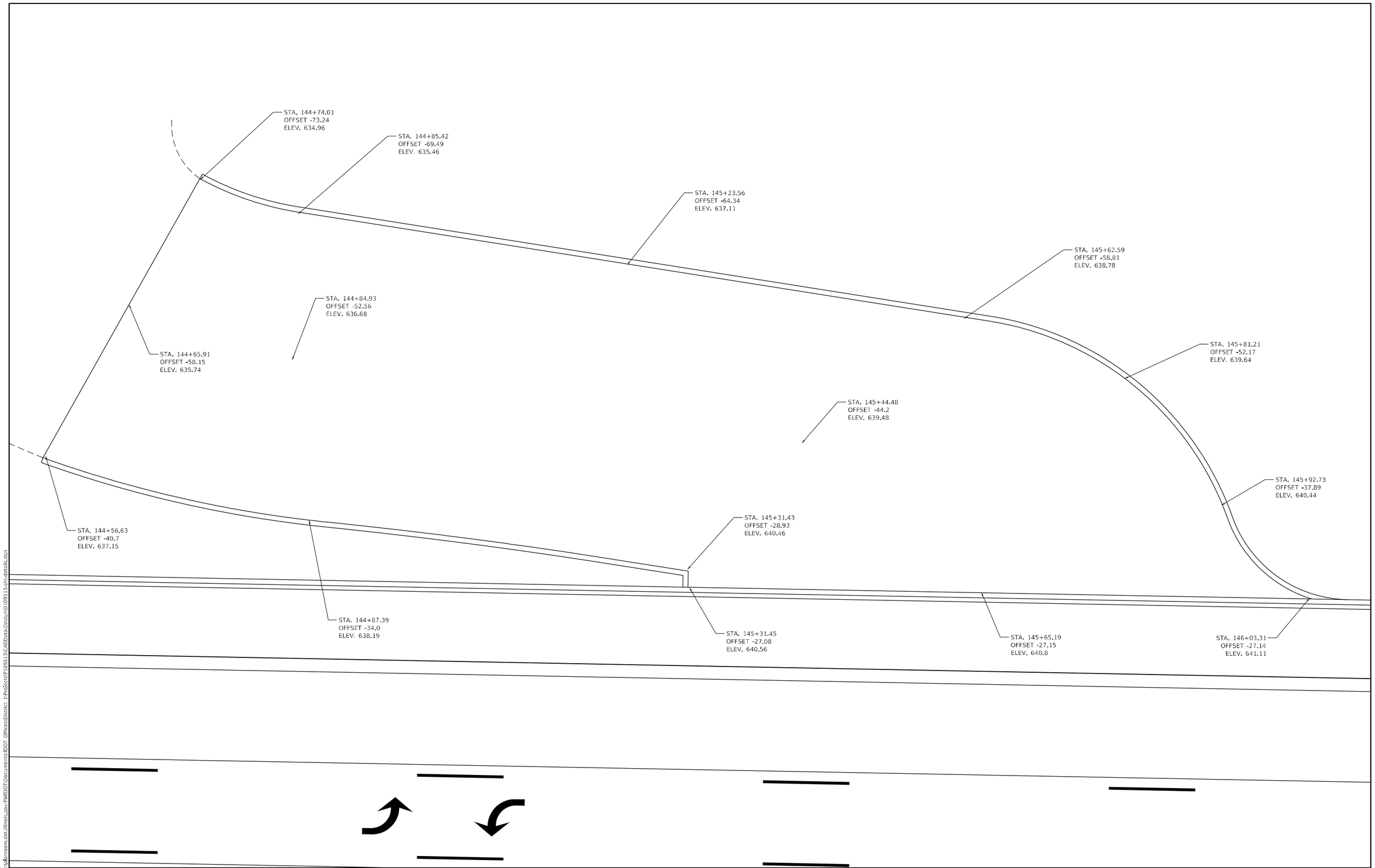
PLOT DATE = 3/25/2021	DATE - 3/25/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

140+50 RT DRIVEWAY DETAIL
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 1 OF 4 SHEETS | STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	91
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

145 + 50 LT DRIVEWAY DETAIL
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 1 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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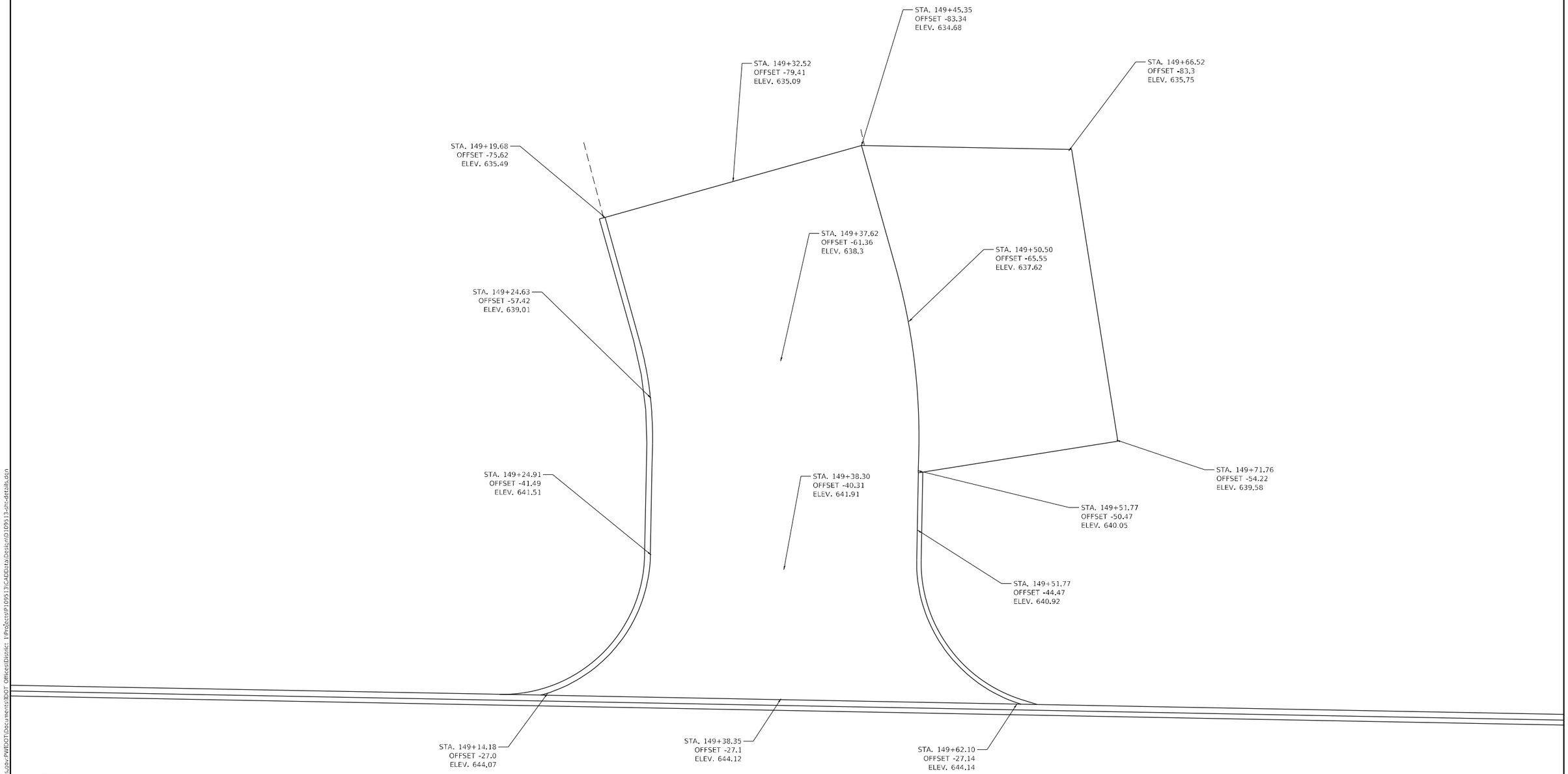

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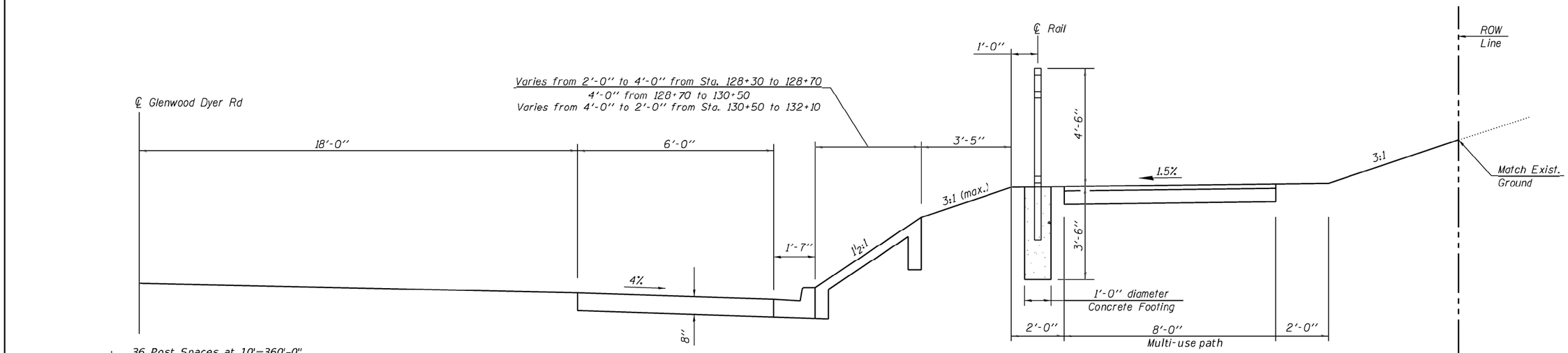
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

149+50 DRIVEWAY DETAIL
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 1 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	93
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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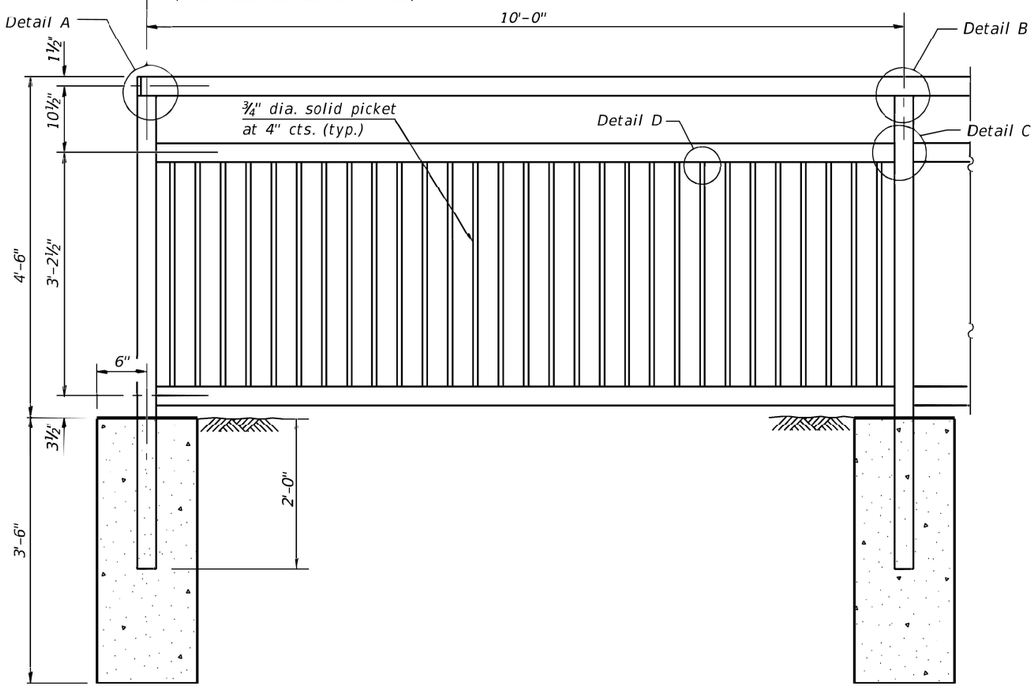
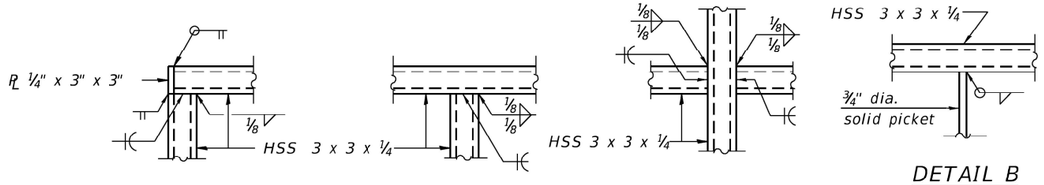
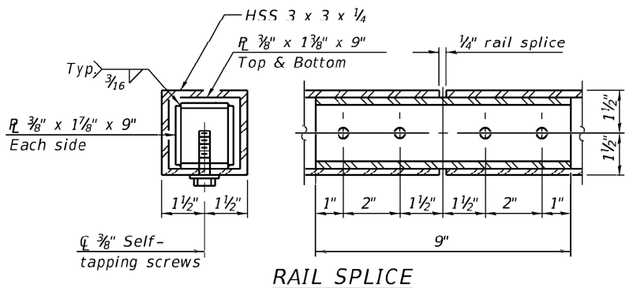


BICYCLE RAILING

Slope Wall Detail



DETAIL A DETAIL B DETAIL C DETAIL B



RAIL SPLICE

Notes:

Railing shall be according to Section 509 of the Standard Specifications, except as noted, and will be paid for at the contract unit price per foot for Bicycle Railing (Special).

Cost of concrete footings included with Bicyce Railing (Special).

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing (Special)	Foot	380
Slope Wall 4 Inch	Sq. Yd.	147

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = bvegrzyn	DESIGNED - BMS	REVISED -	REVISED -
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CITY **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** STATE

BICYCLE RAILING AND SLOPE WALL DETAILS

SCALE: | SHEET OF SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	134	94

CONTRACT NO. 62F84

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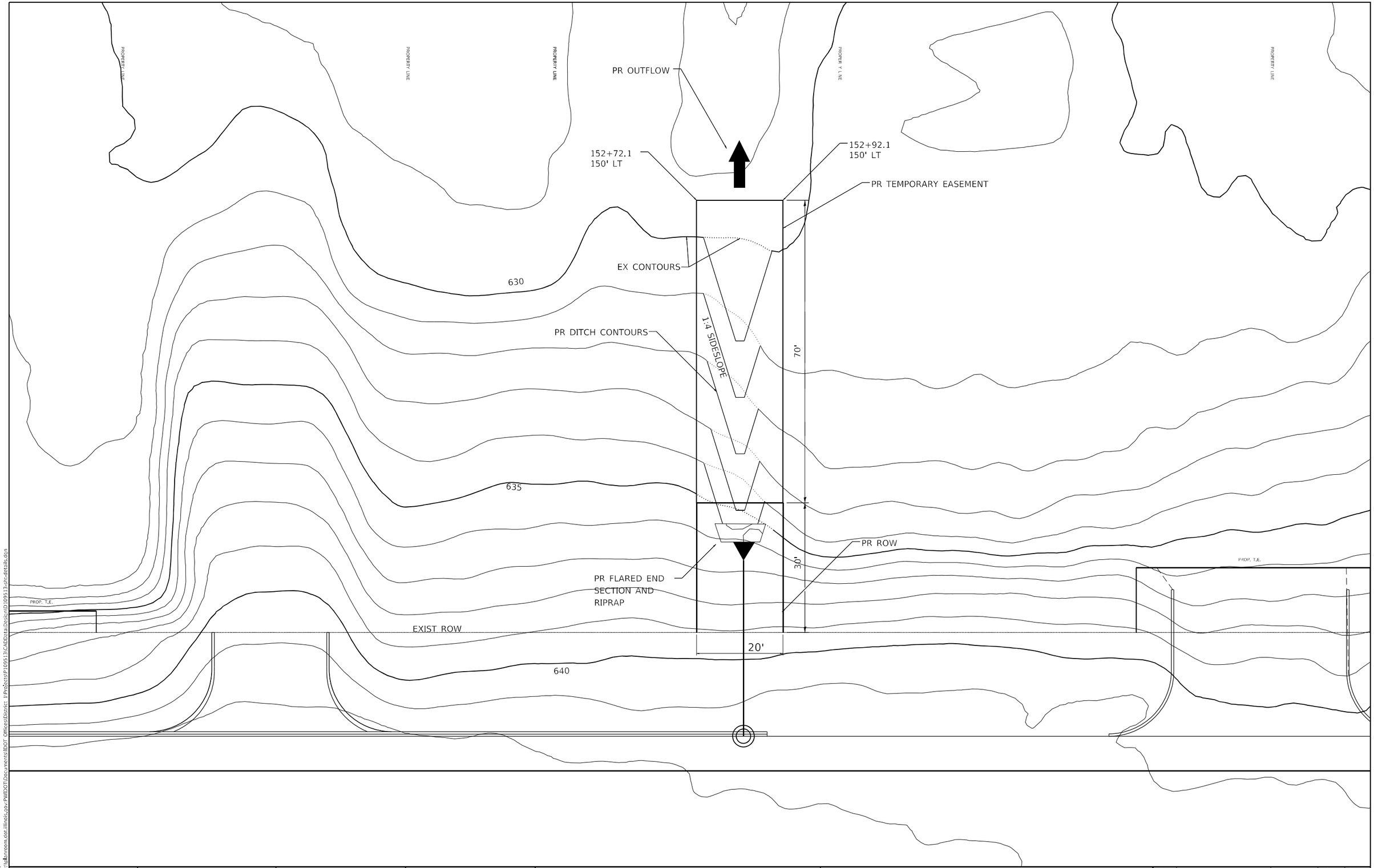

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

152+80 LT DITCH GRADING DETAIL
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1"=5' | SHEET 1 OF 1 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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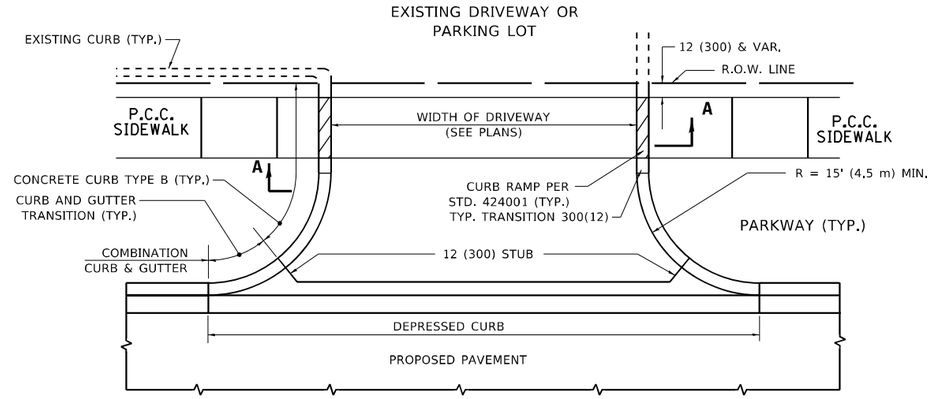
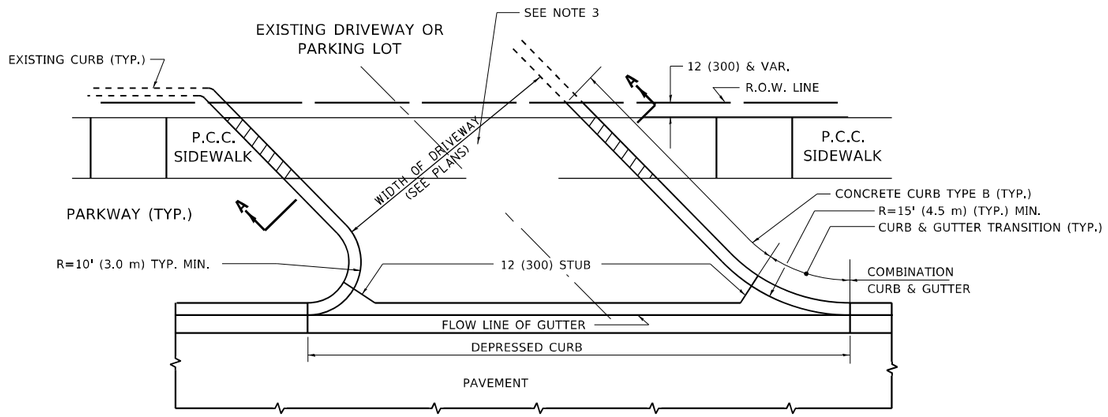
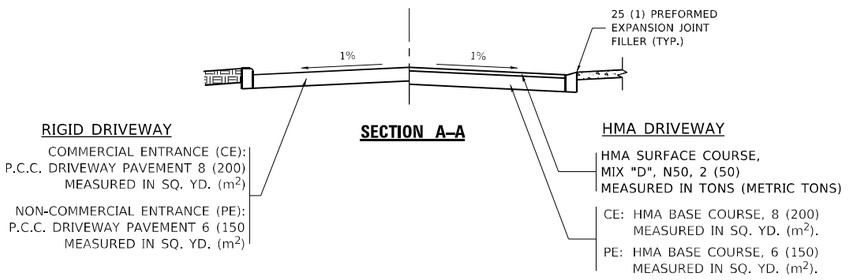
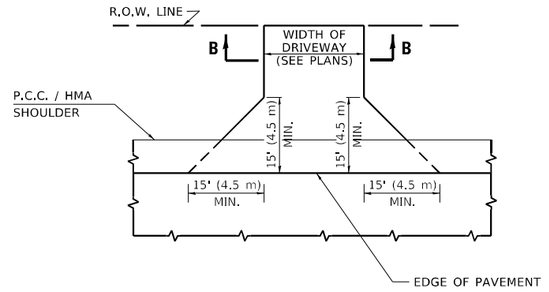


WITH CONCRETE CURB, TYPE B

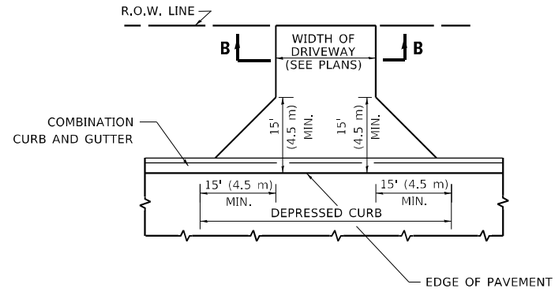


WITH CONCRETE CURB, TYPE B

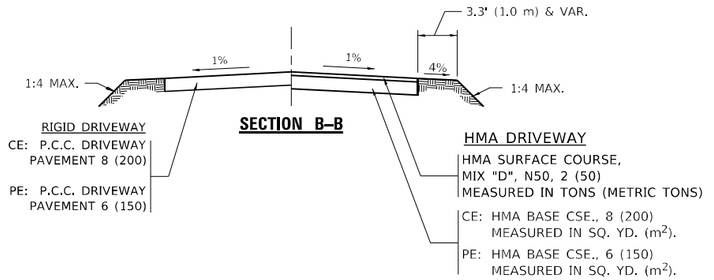




ADJACENT TO P.C.C./HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

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

AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m^2).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.
1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

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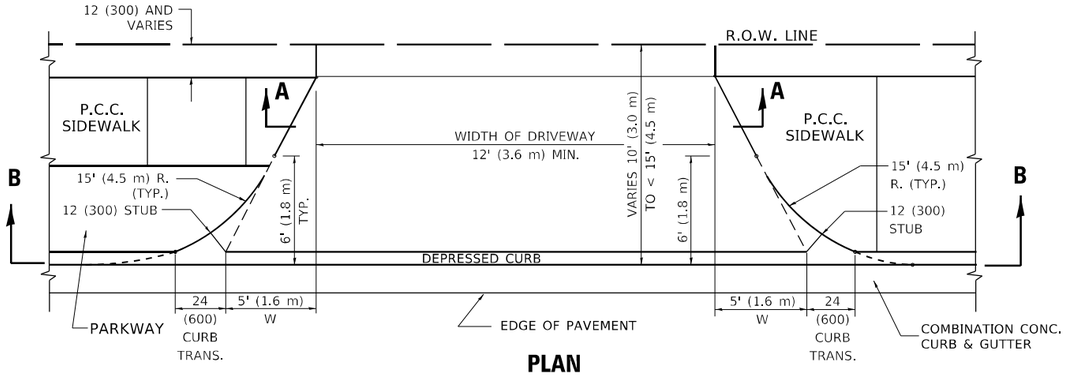
PLOT DATE = 3/25/2021	DATE - 11-04-95	REVISED - R. BORO 09-06-11	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

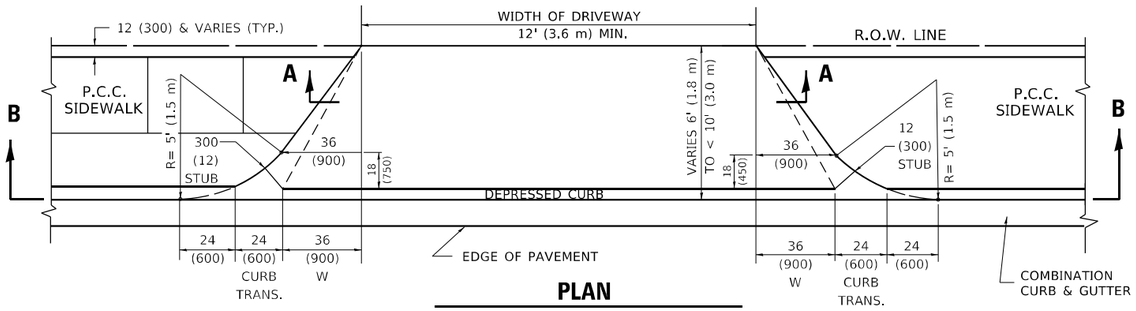
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	96
	BD400–01 (BD–01)	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



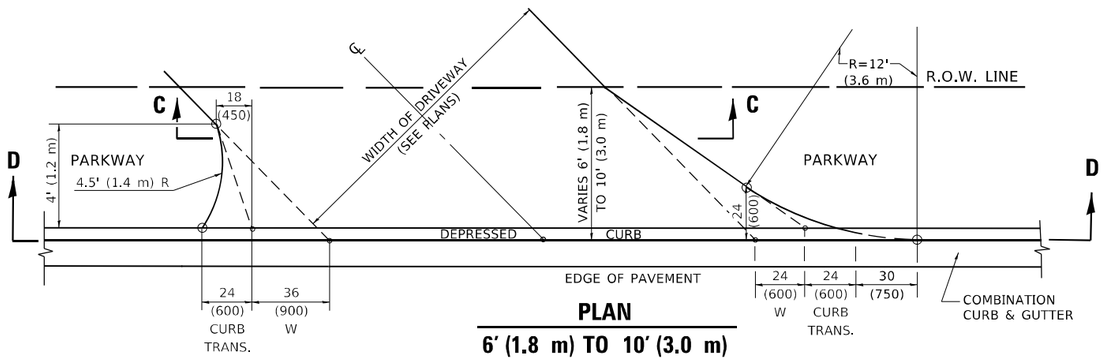
PLAN

10′ (3.0 m) TO < 15′ (4.5 m)



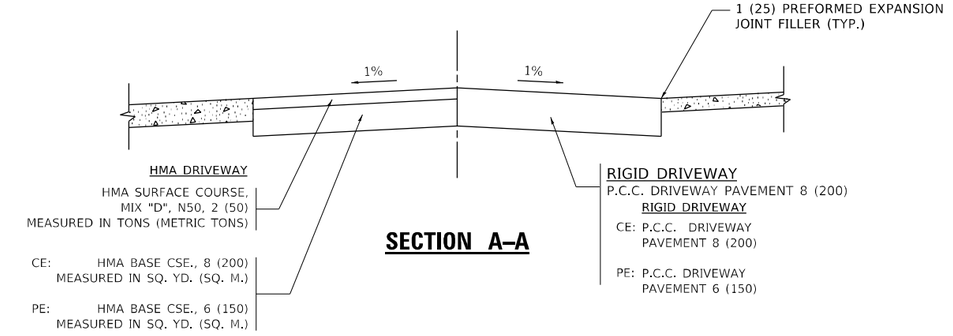
PLAN

6′ (1.8 m) TO < 10′ (3.0 m)

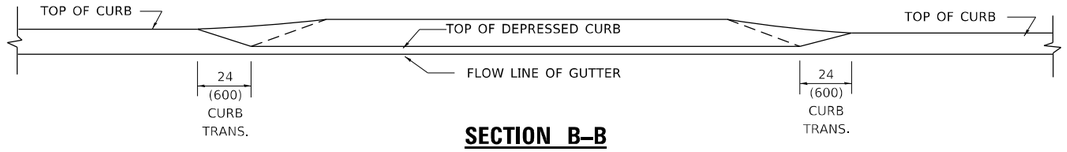


PLAN

6′ (1.8 m) TO 10′ (3.0 m)



SECTION A–A



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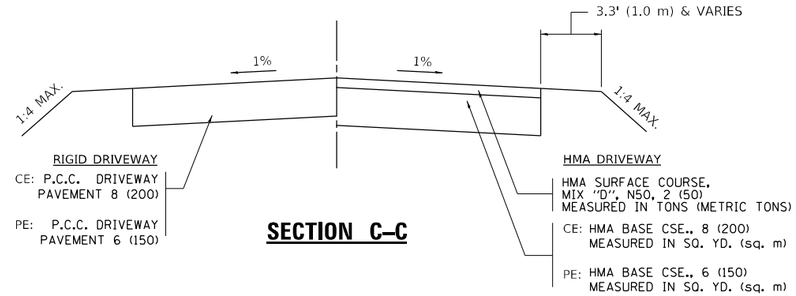

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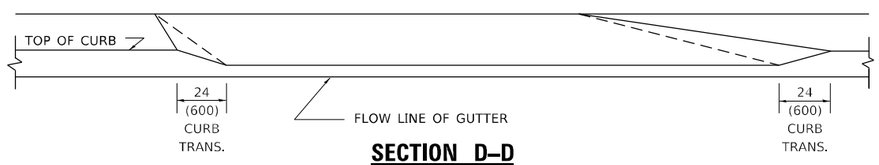

SECTION D–D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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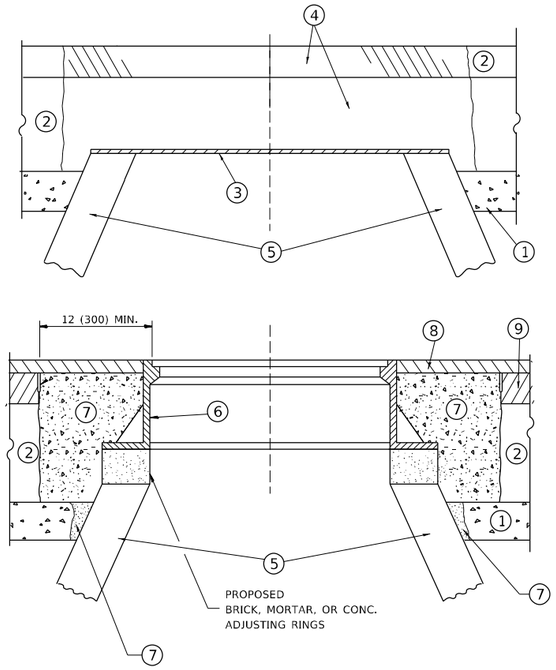
PLOT DATE = 3/25/2021	DATE - 11-06-95	REVISED - R. BORO 09-06-11	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	97
	BD400–02 (BD–02)	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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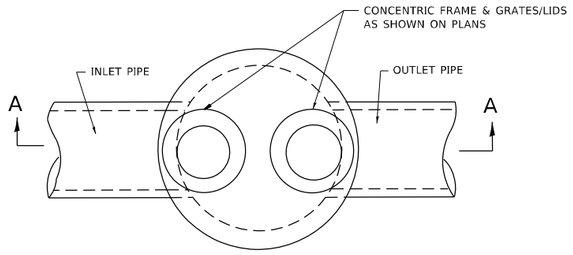
USER NAME = rostkowskir	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04	
	DRAWN -	REVISED - R. BORO 01-01-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 03-09-11	
PLOT DATE = 3/25/2021	DATE - 10-25-94	REVISED - R. BORO 12-06-11	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	98
	BD600-03 (BD-8)	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



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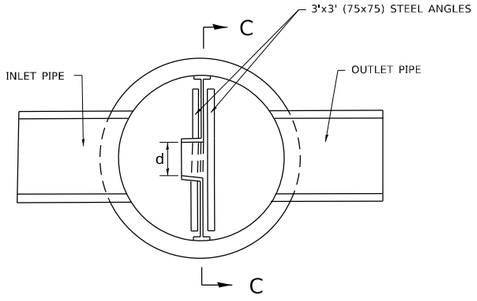

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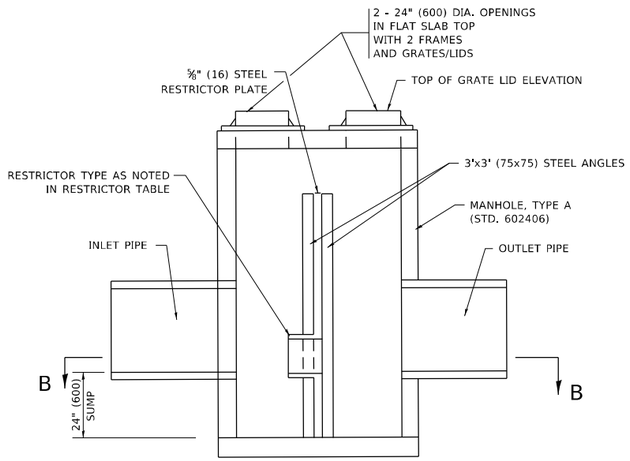

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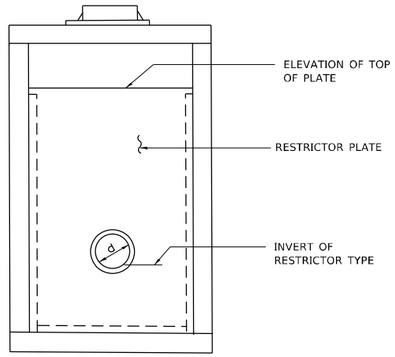

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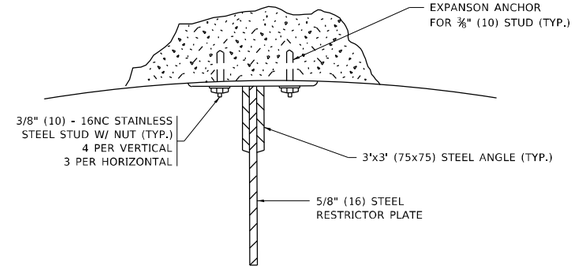
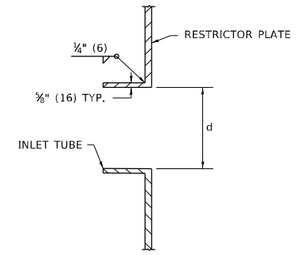


ANGLE FASTENER DETAIL

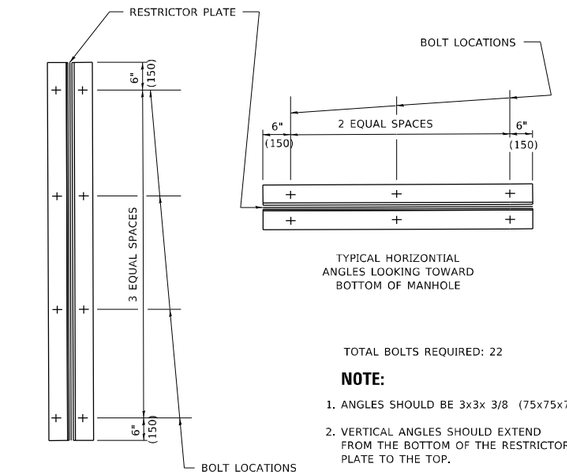
NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
143+89.21	6 FT	TYPE 1, OP.	C=0.61	8 IN	634.32	636.62



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR
AND SQUARE ORIFICES

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

USER NAME = rostkows/dir	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-08-01	
PLOT DATE = 3/25/2021	DATE - 09-09-94	REVISED -	

MANHOLE WITH RESTRICTOR PLATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	99
BD600–04	(BD–12)	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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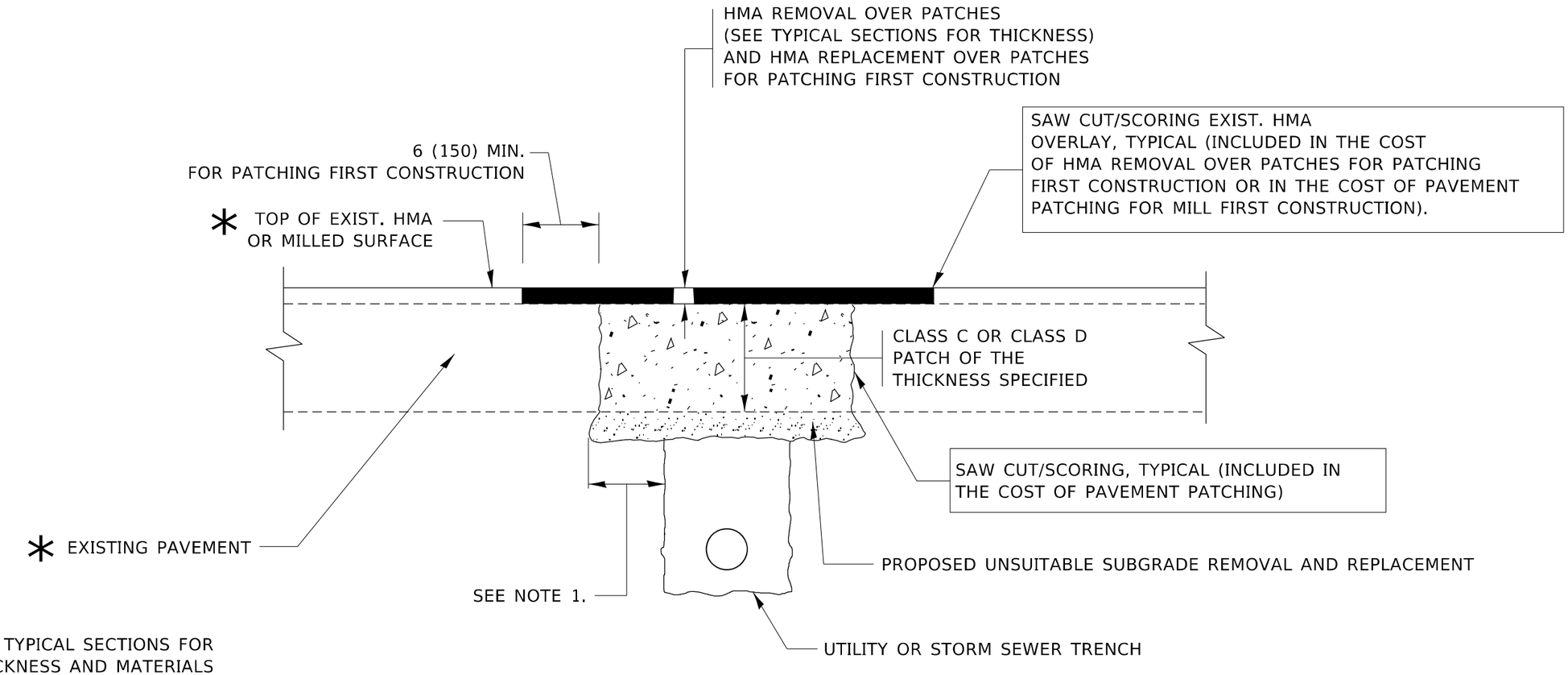

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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USER NAME = rostkowskir	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 01-01-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 09-04-07	
PLOT DATE = 3/25/2021	DATE - 10-25-94	REVISED - K. ENG 10-27-08	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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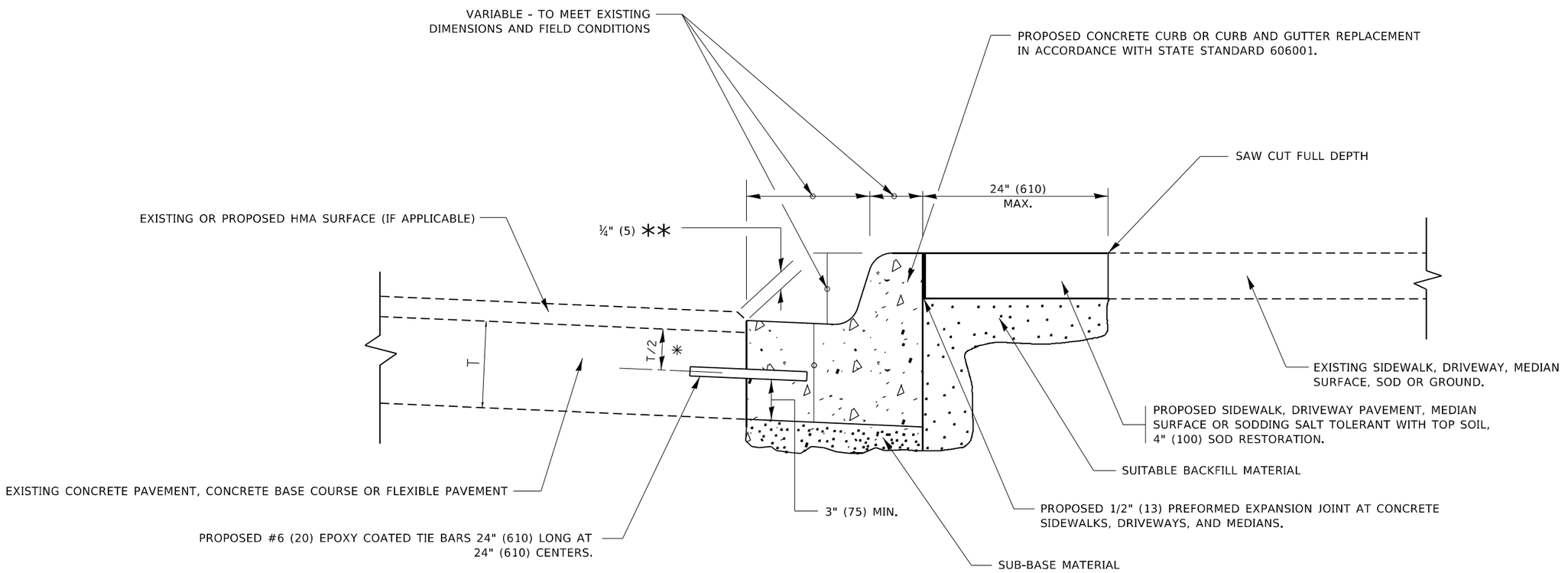
BD400-04 (BD-22)		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: Default
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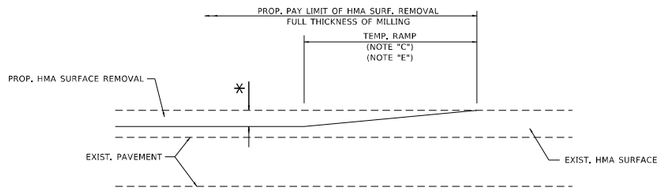
USER NAME = rostkowskir	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 3/25/2021	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

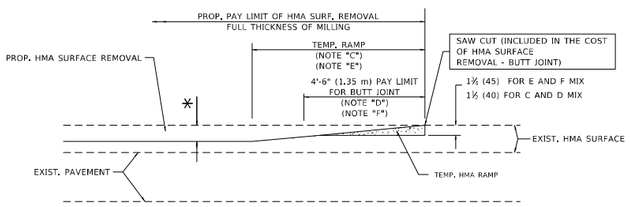
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	101
BD600-06 (BD-24)		CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

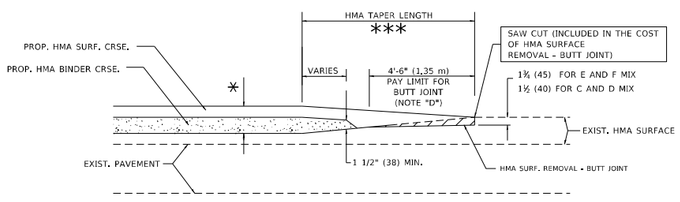


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

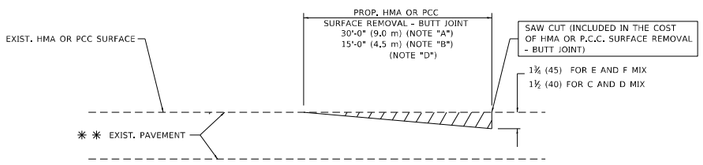
OPTION 2

TYPICAL TEMPORARY RAMP

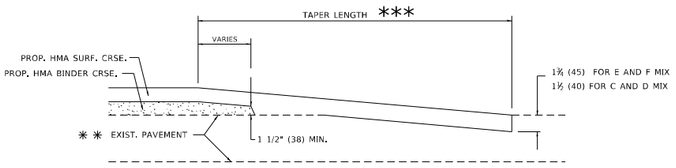


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F. INSTALLATION AND REMOVAL OF THE 4'-6" (1,35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6,1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3,0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

USER NAME = mdibenedi	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	
	DRAWN -	REVISED - A. ABBAS 03-21-97	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01	
PLOT DATE = 3/25/2021	DATE - 06-13-90	REVISED - R.BORO 01-01-07	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	102
	BD400-05 BD32	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

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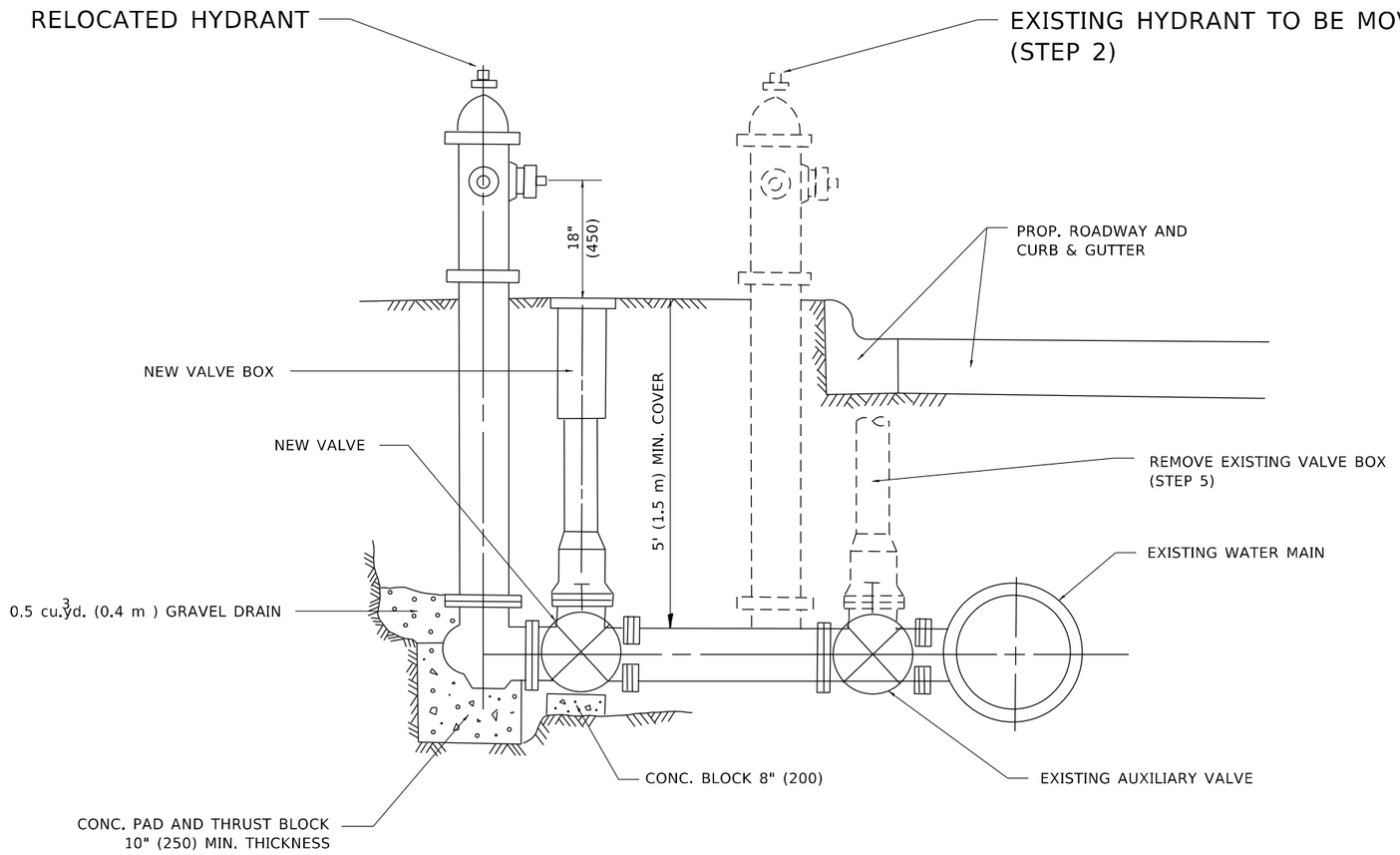

SEQUENCE OF CONSTRUCTION:

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

NOTE:

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

FIRE HYDRANT TO BE MOVED

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

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USER NAME = rostkowskr	DESIGNED -	REVISED -	R. SHAH 09-09-94
	DRAWN -	REVISED -	R. SHAH 10-25-94
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/25/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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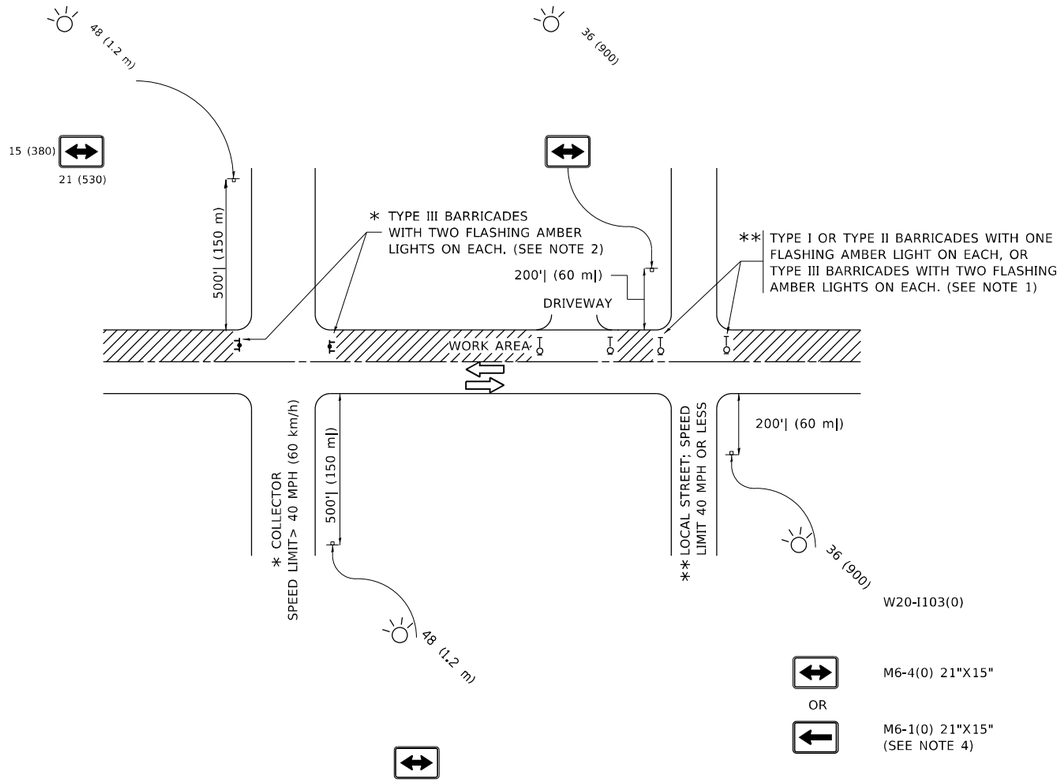
	BD-36	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



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) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. 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. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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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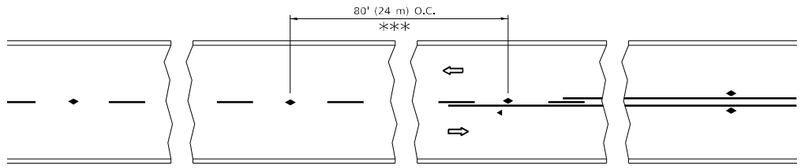
USER NAME = rostkowskir	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 3/25/2021	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

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

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

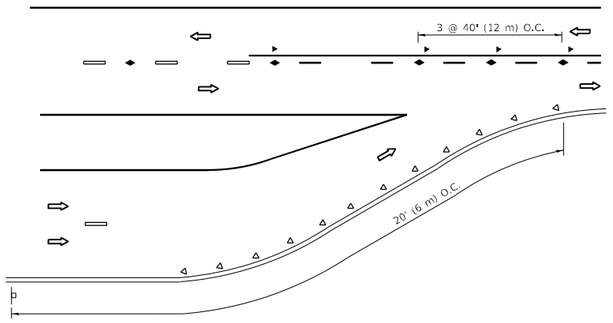
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	104
	TC-10	CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



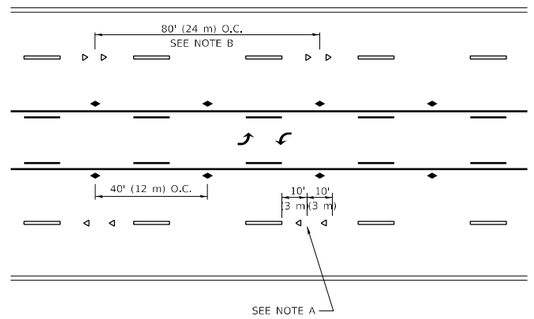
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

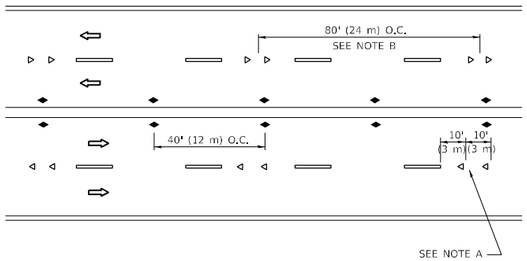
SEE FIGURE 3B-14 MUTCD



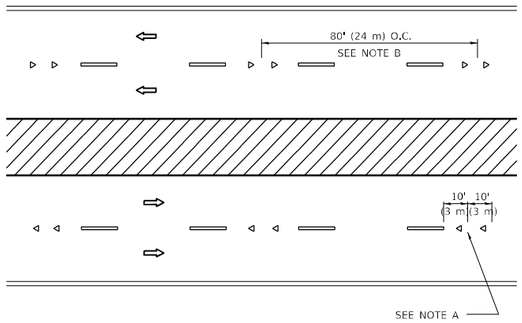
LANE REDUCTION TRANSITION



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

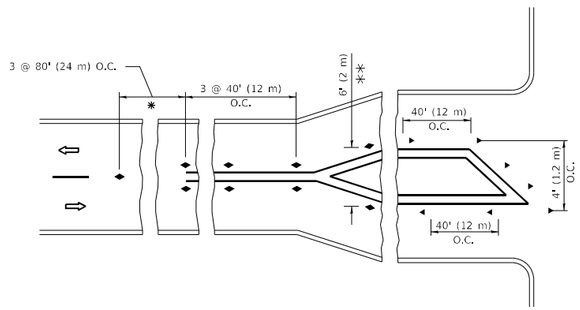
LANE MARKER NOTES

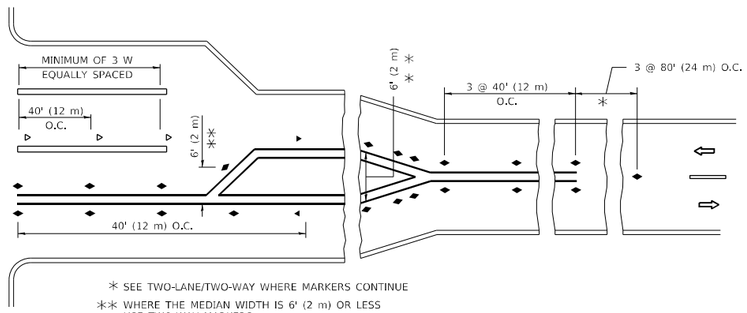
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

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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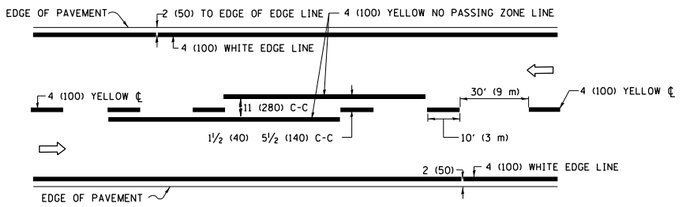
USER NAME = rostkowskir	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 3/25/2021	DATE -	REVISED - C. JUCIUS 07-01-13	

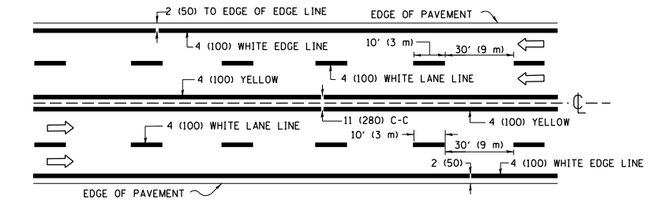
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

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

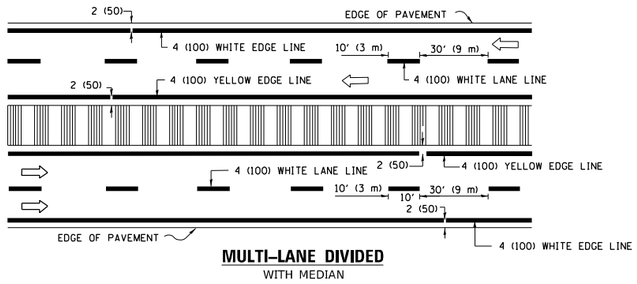
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	105
	TC–11	CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



2–LANE ROADWAY

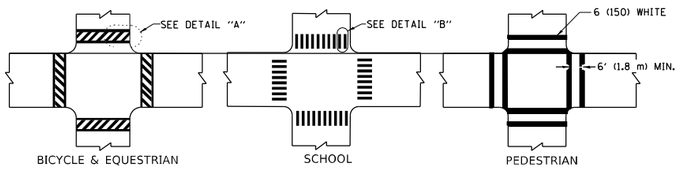


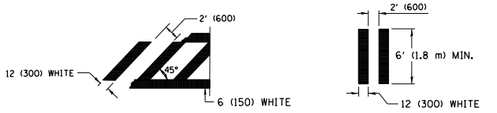
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

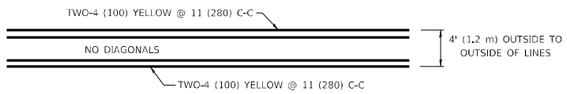




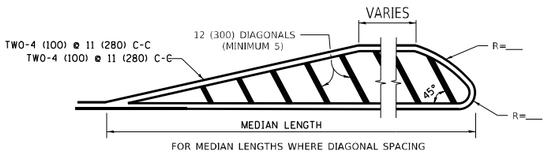
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



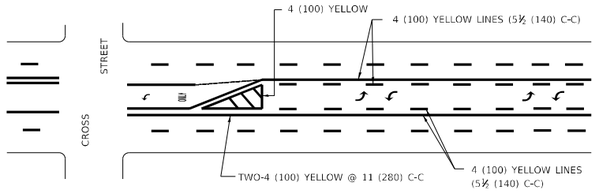
4' (1.2 m) WIDE MEDIANS ONLY



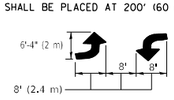
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

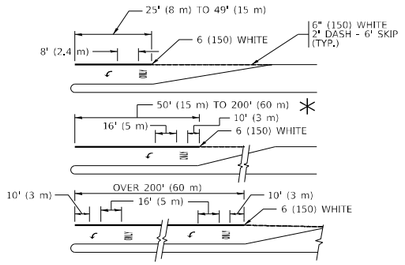


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

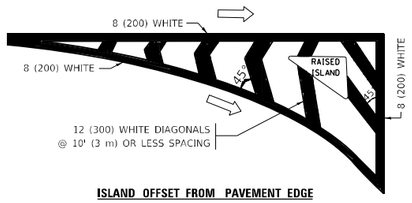


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

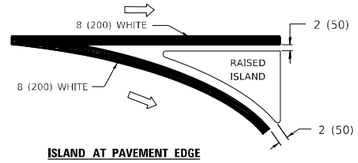
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

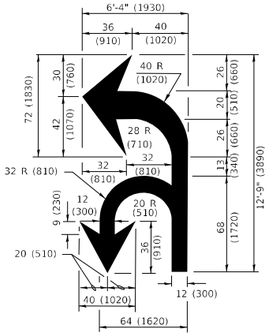


ISLAND OFFSET FROM PAVEMENT EDGE

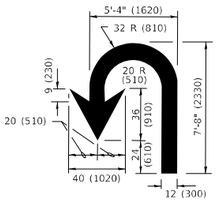


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

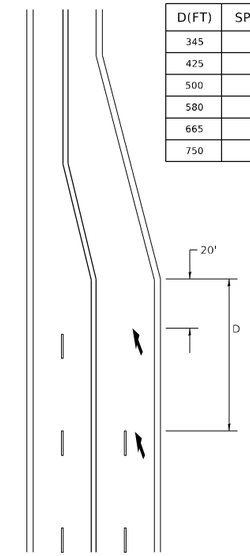


COMBINATION LEFT AND U–TURN



U–TURN

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



LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH: 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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	DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 3/25/2021	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	106
	TC–13	CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

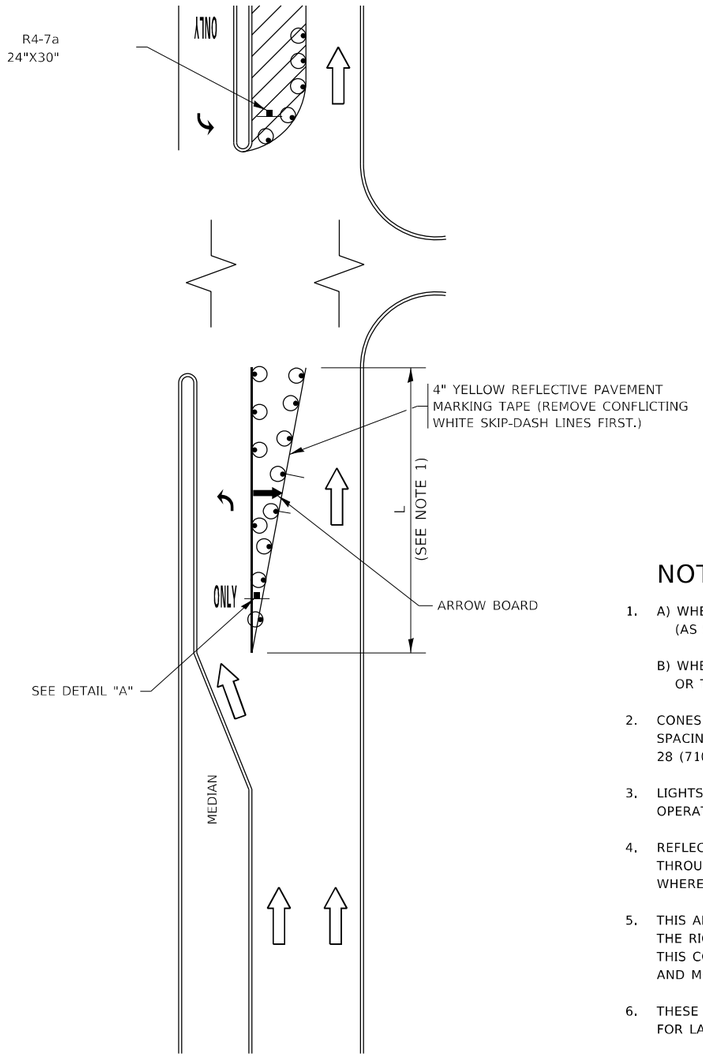


FIGURE 1

LEGEND

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

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

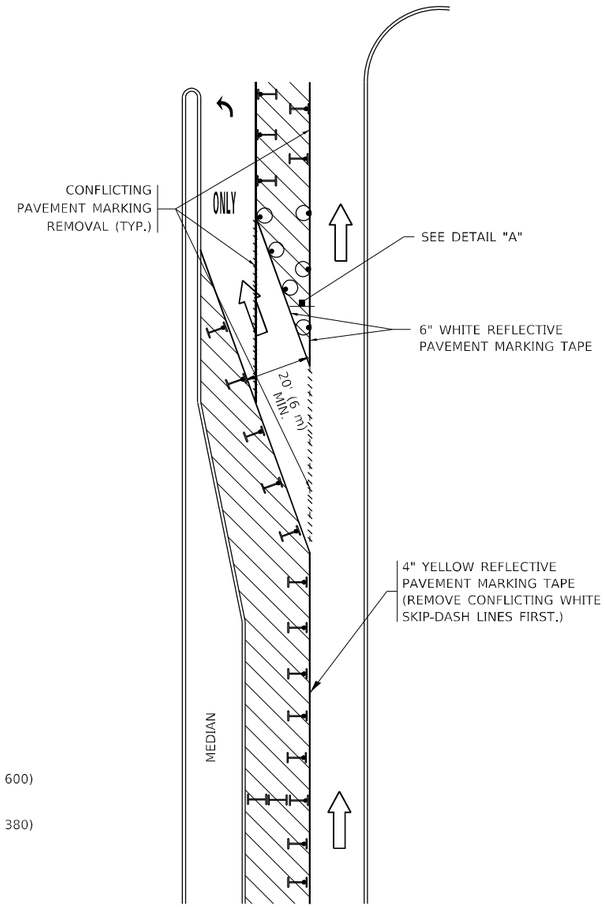
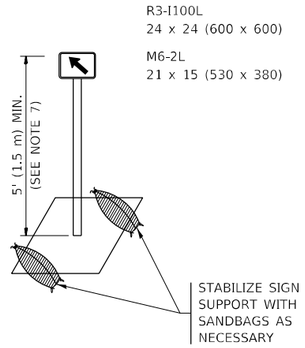


FIGURE 2



DETAIL A

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

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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 3/25/2021	DATE - T. RAMMACHER 01-06-00	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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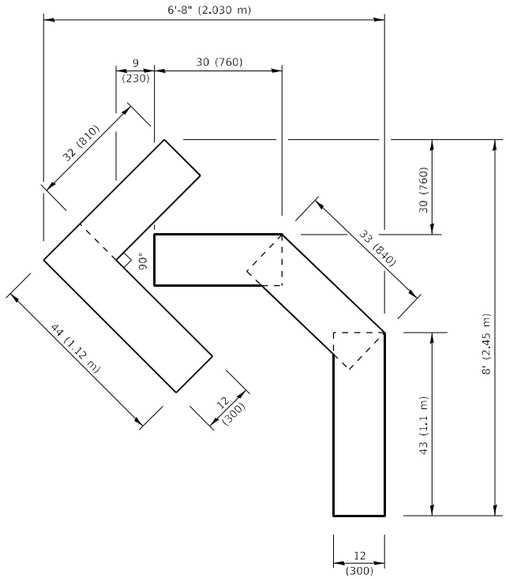
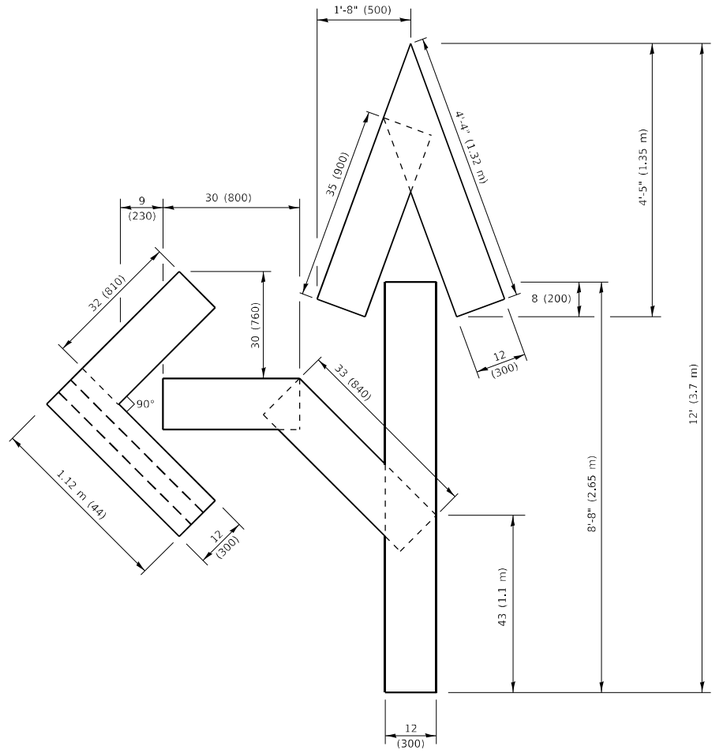
	TC-14	CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



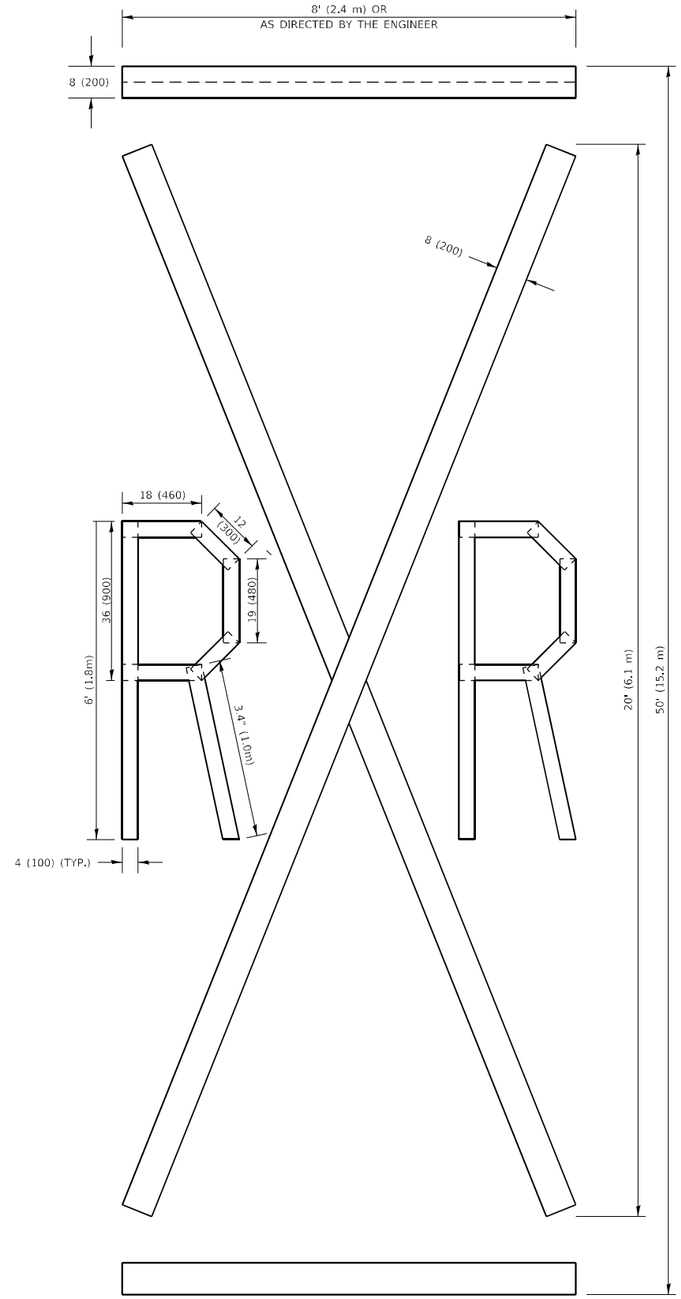
QUANTITY

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



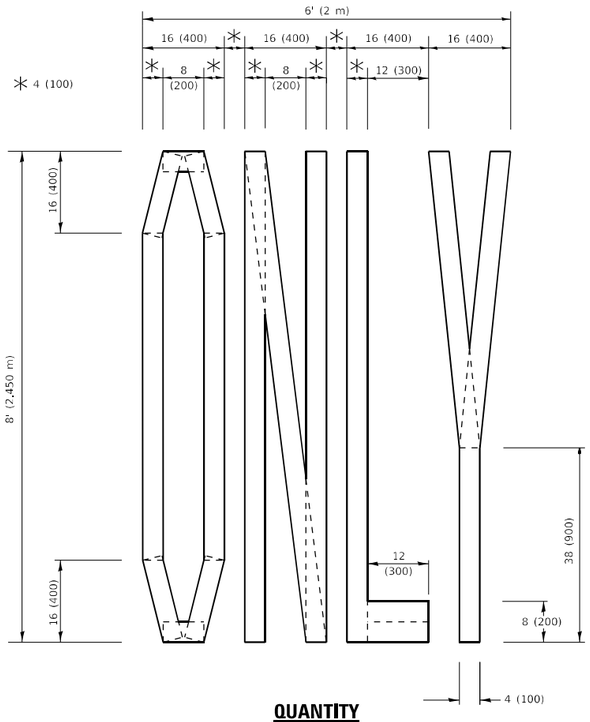
QUANTITY

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



QUANTITY

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



QUANTITY

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

NOTE:

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

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

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/25/2021	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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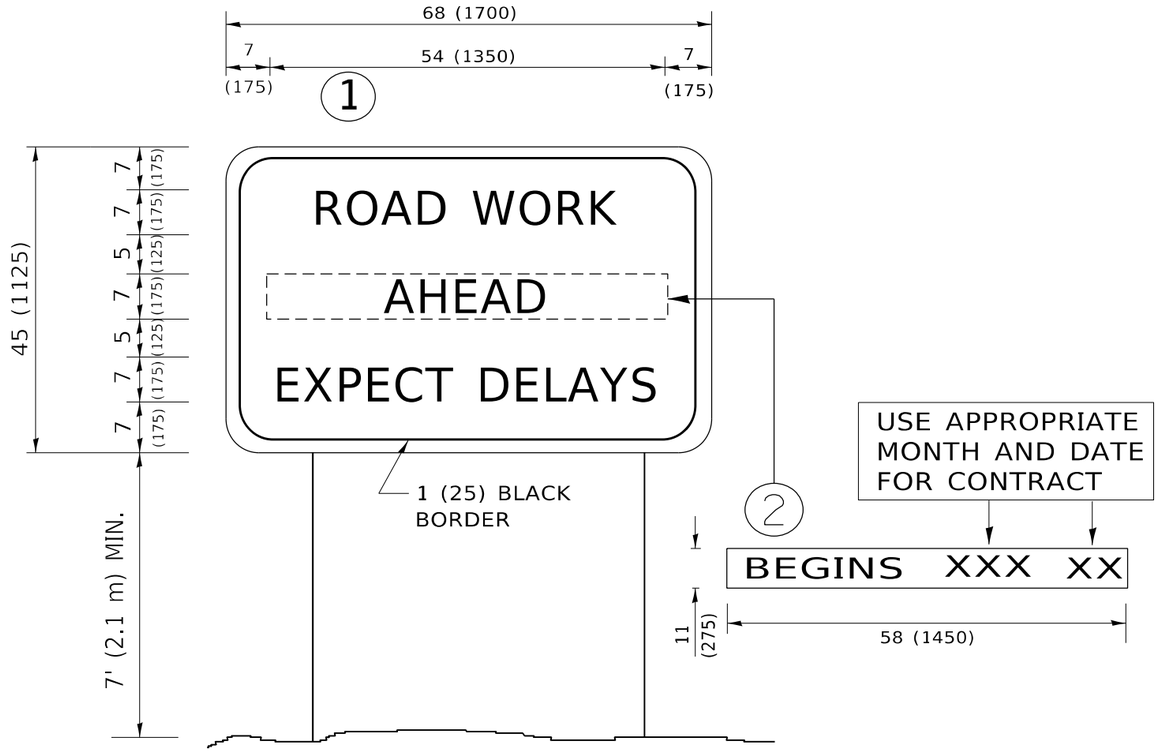
	TC-16	CONTRACT NO. 62F84		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN 1 WITH INSTALLED PANEL 2 ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL 2 SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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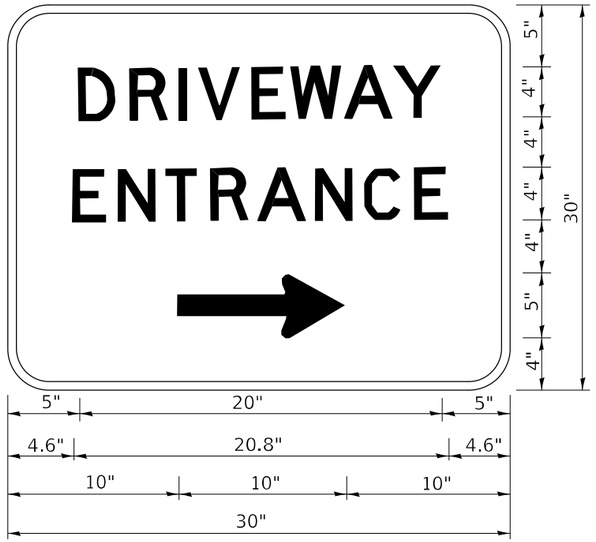
	DRAWN -	REVISED -	R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 3/25/2021	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	109
	TC-22	CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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

NOTES:

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

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PLOT DATE = 3/25/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	110
	TC-26	CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 1 OF 24 SHEETS | STA. 110+00.00 R1 TO STA. 112+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	111
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

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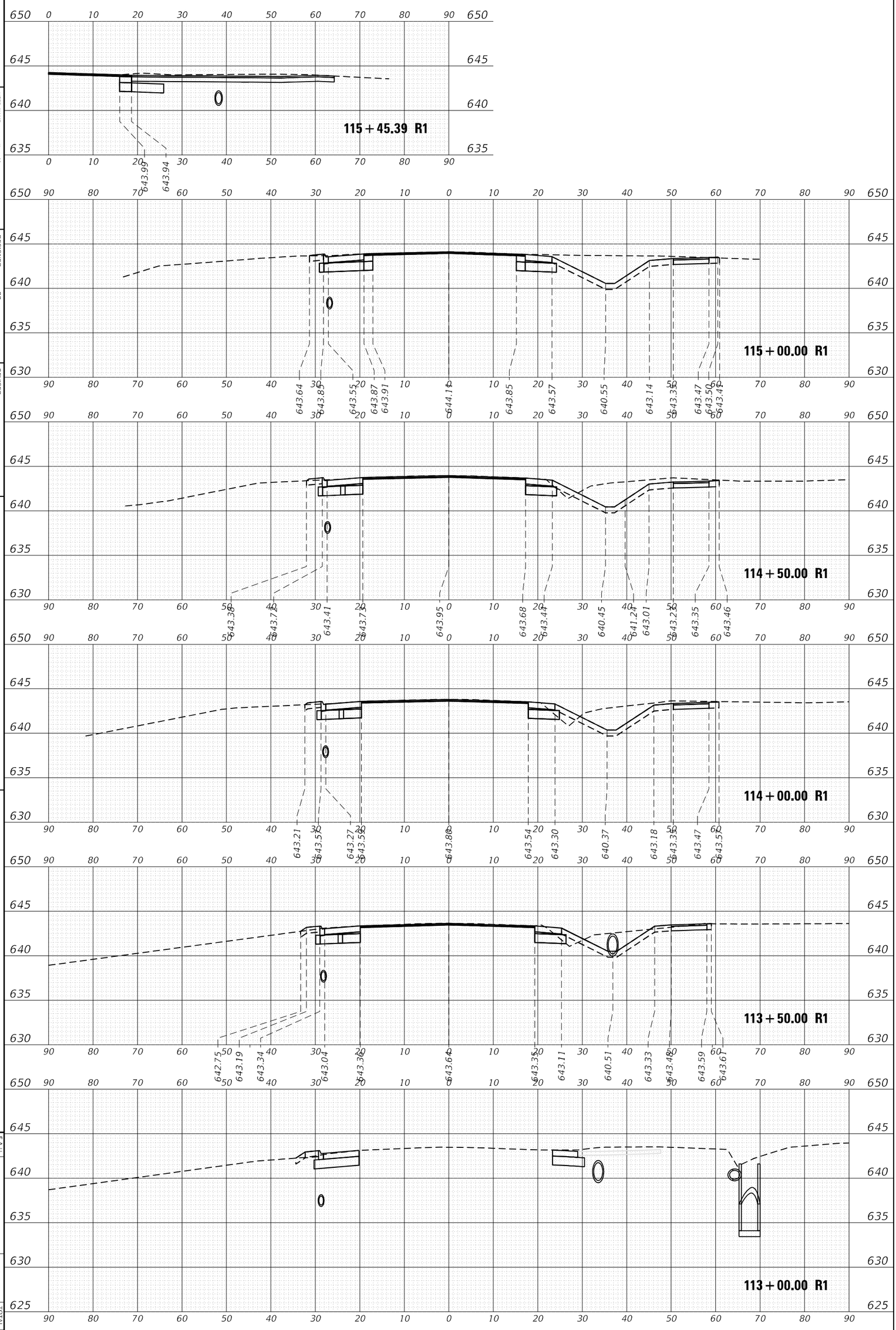

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DATE - 2/26/2021

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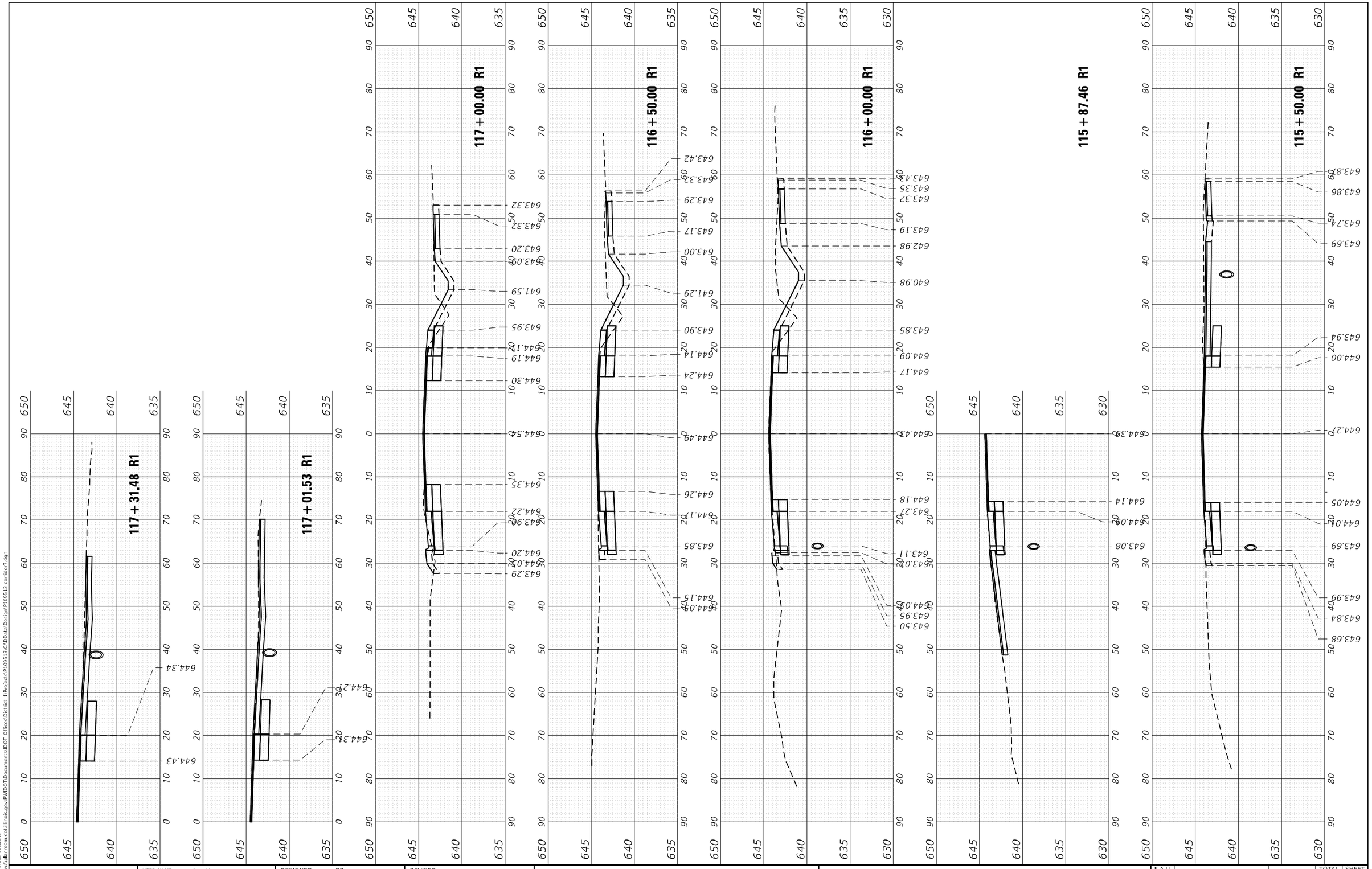
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V
SHEET 2 OF 24 SHEETS
STA. 113+00.00 R1 TO STA. 115+45.39 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	112

CONTRACT NO. 62F84
ILLINOIS FED. AID PROJECT



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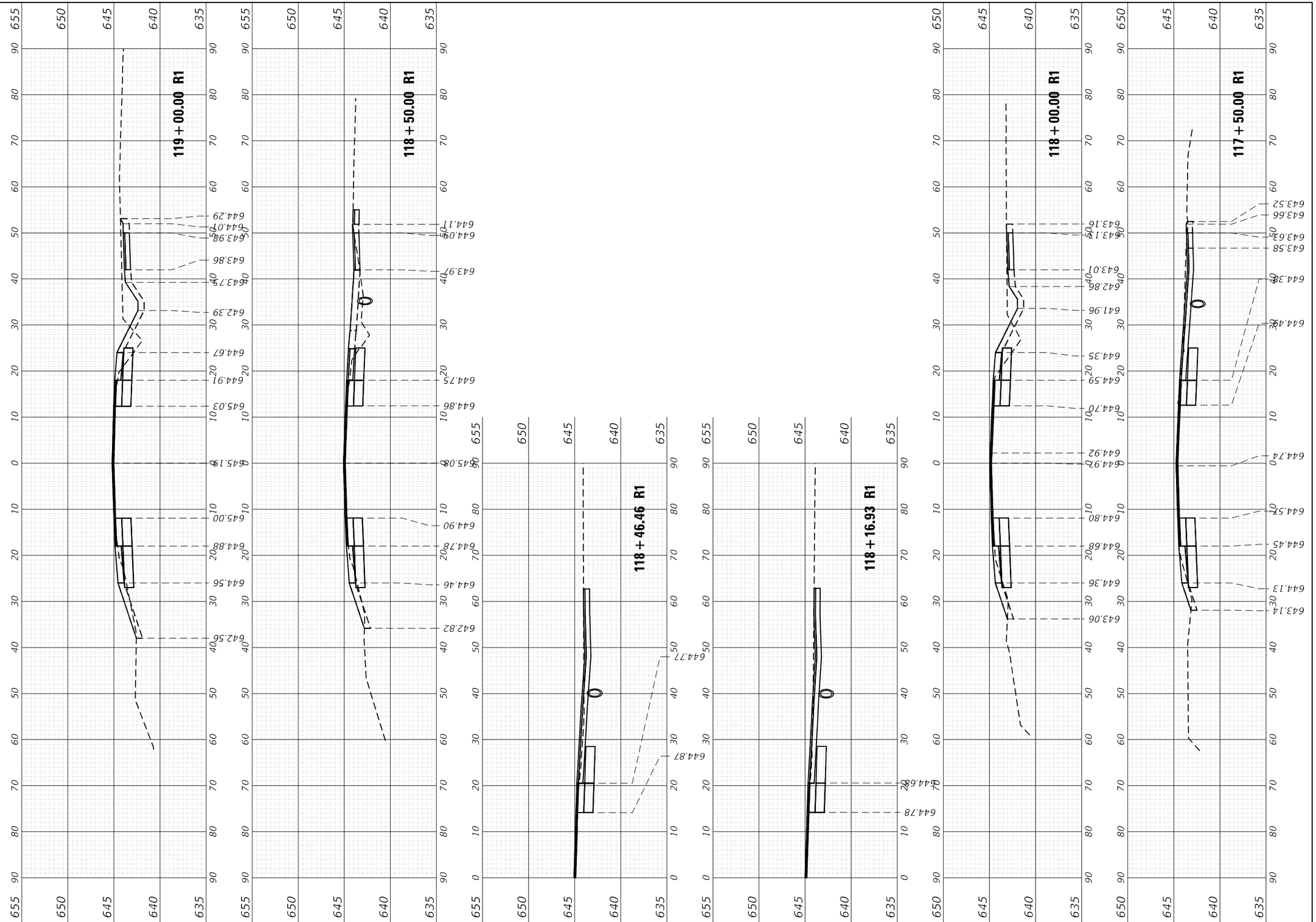
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 3 OF 24 SHEETS | STA. 115+50.00 R1 TO STA. 117+31.48 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	113
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 4 OF 24 SHEETS | STA. 117+50.00 R1 TO STA. 119+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	114
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

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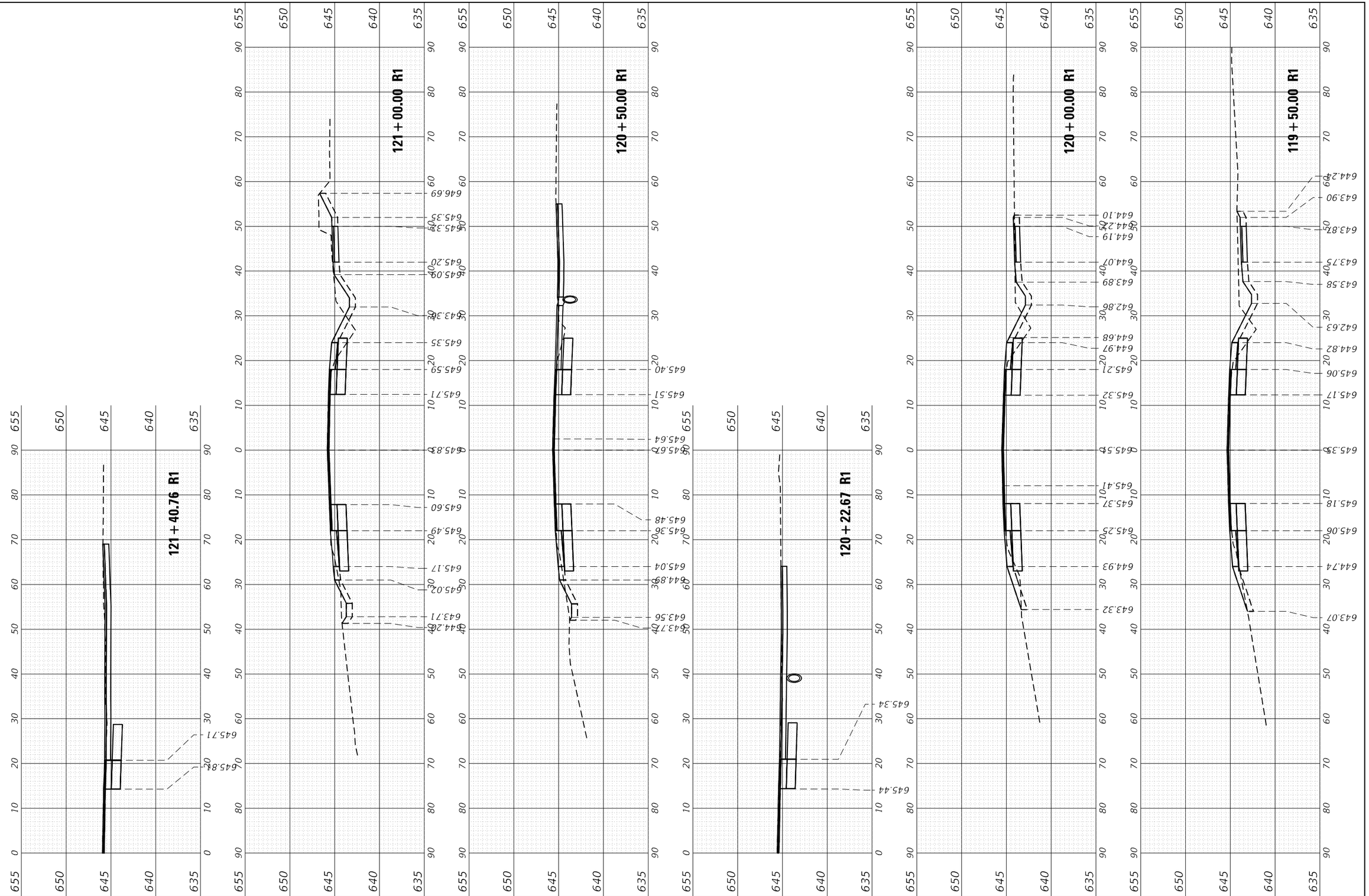

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 5 OF 24 SHEETS | STA. 119+50.00 R1 TO STA. 121+40.76 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	115

CONTRACT NO. 62F84

ILLINOIS | FED. AID PROJECT

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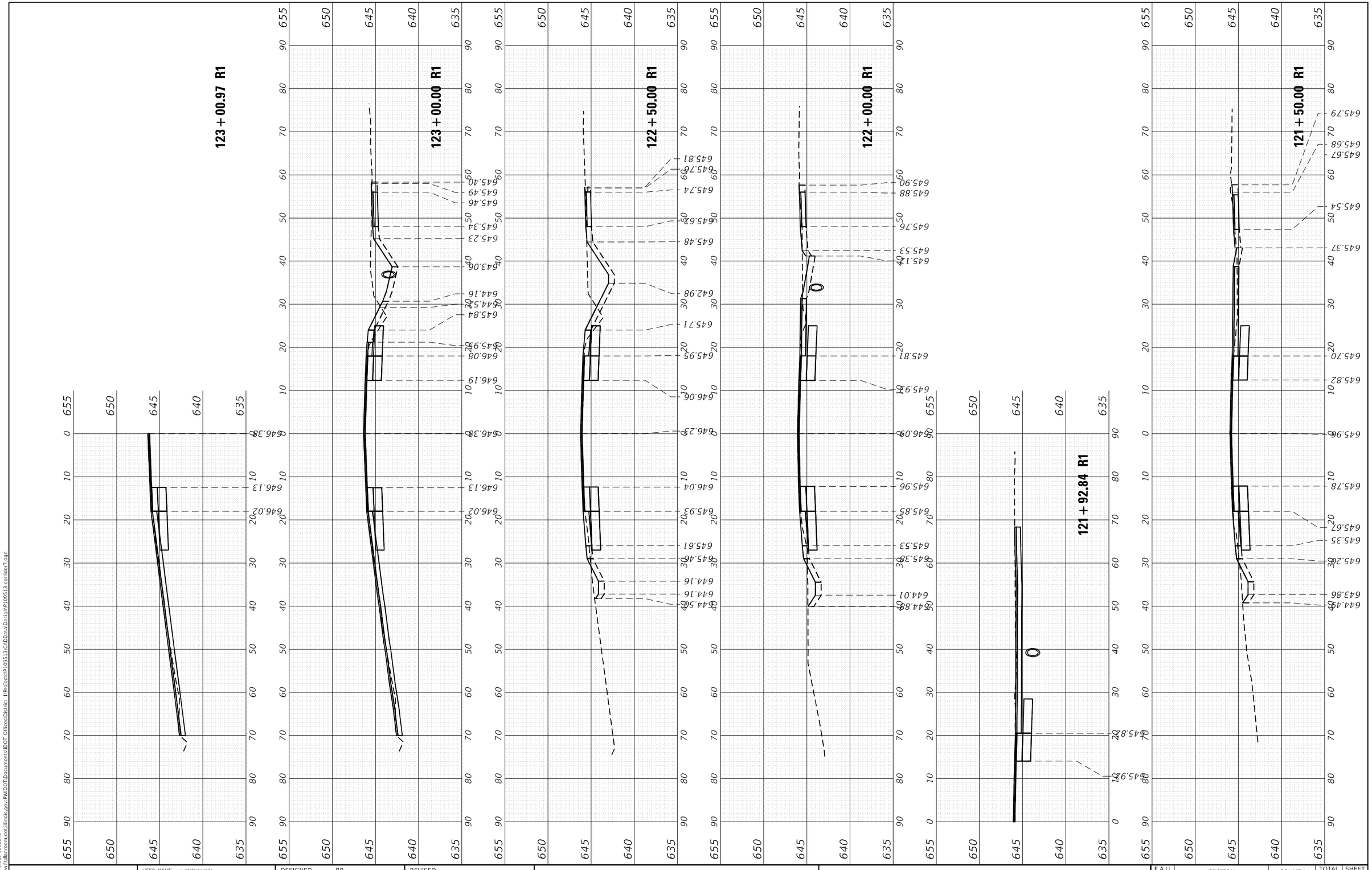

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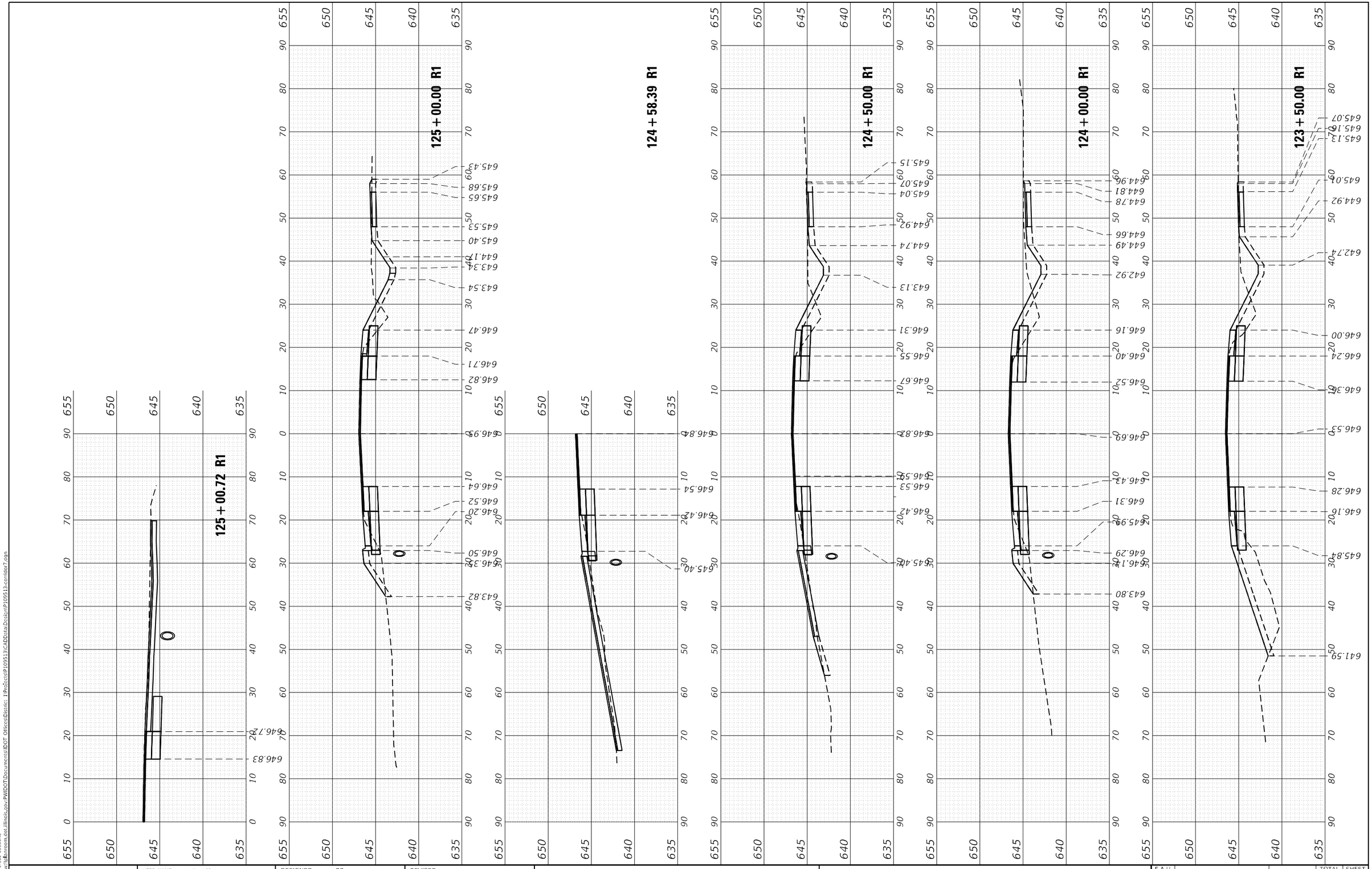
PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 6 OF 24 SHEETS | STA. 121+50.00 R1 TO STA. 123+00.97 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	116
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 7 OF 24 SHEETS | STA. 123+50.00 R1 TO STA. 125+00.72 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	117
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

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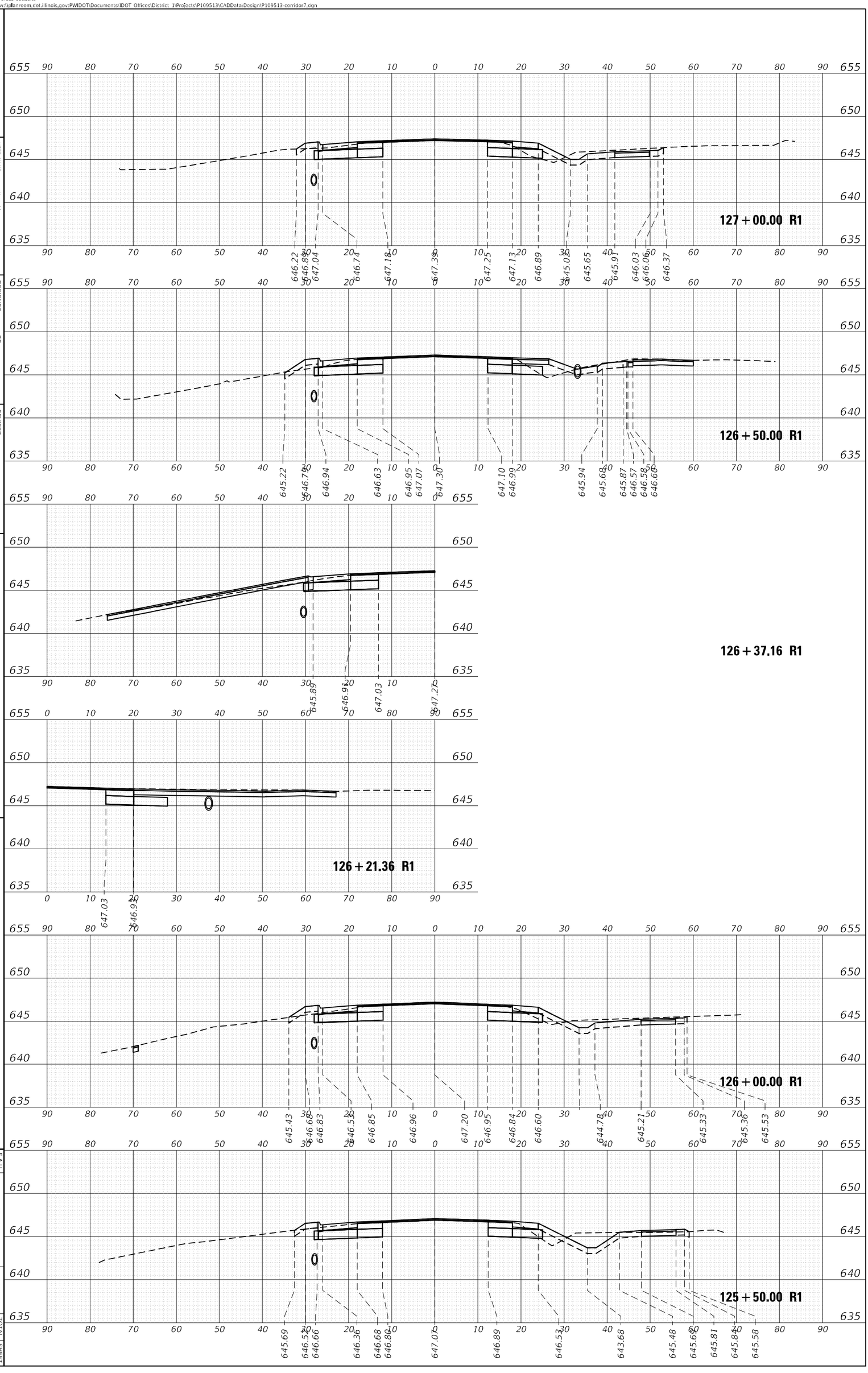

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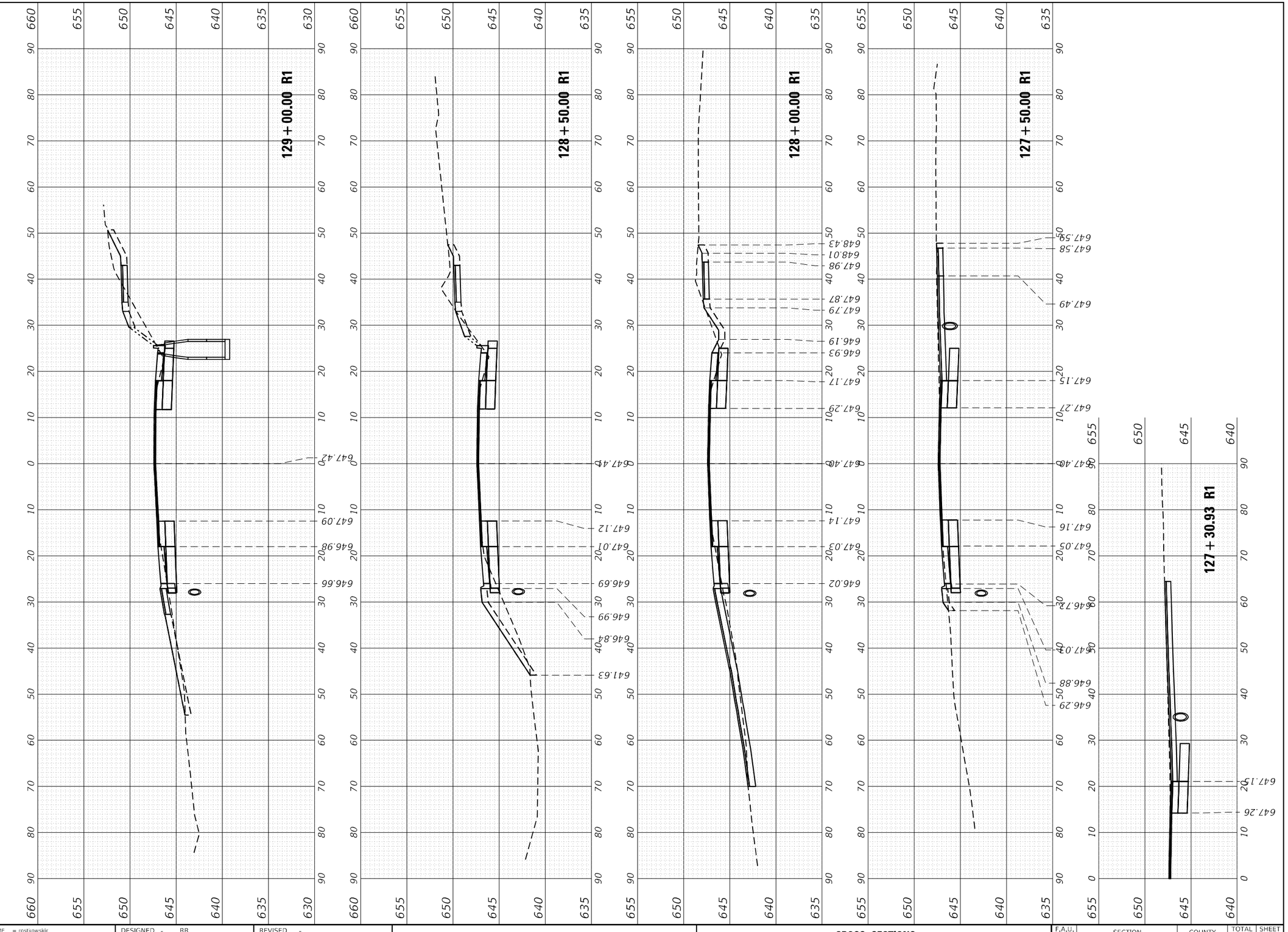
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V
SHEET 8 OF 24 SHEETS
STA. 125+50.00 R1 TO STA. 127+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	118

CONTRACT NO. 62F84
ILLINOIS FED. AID PROJECT



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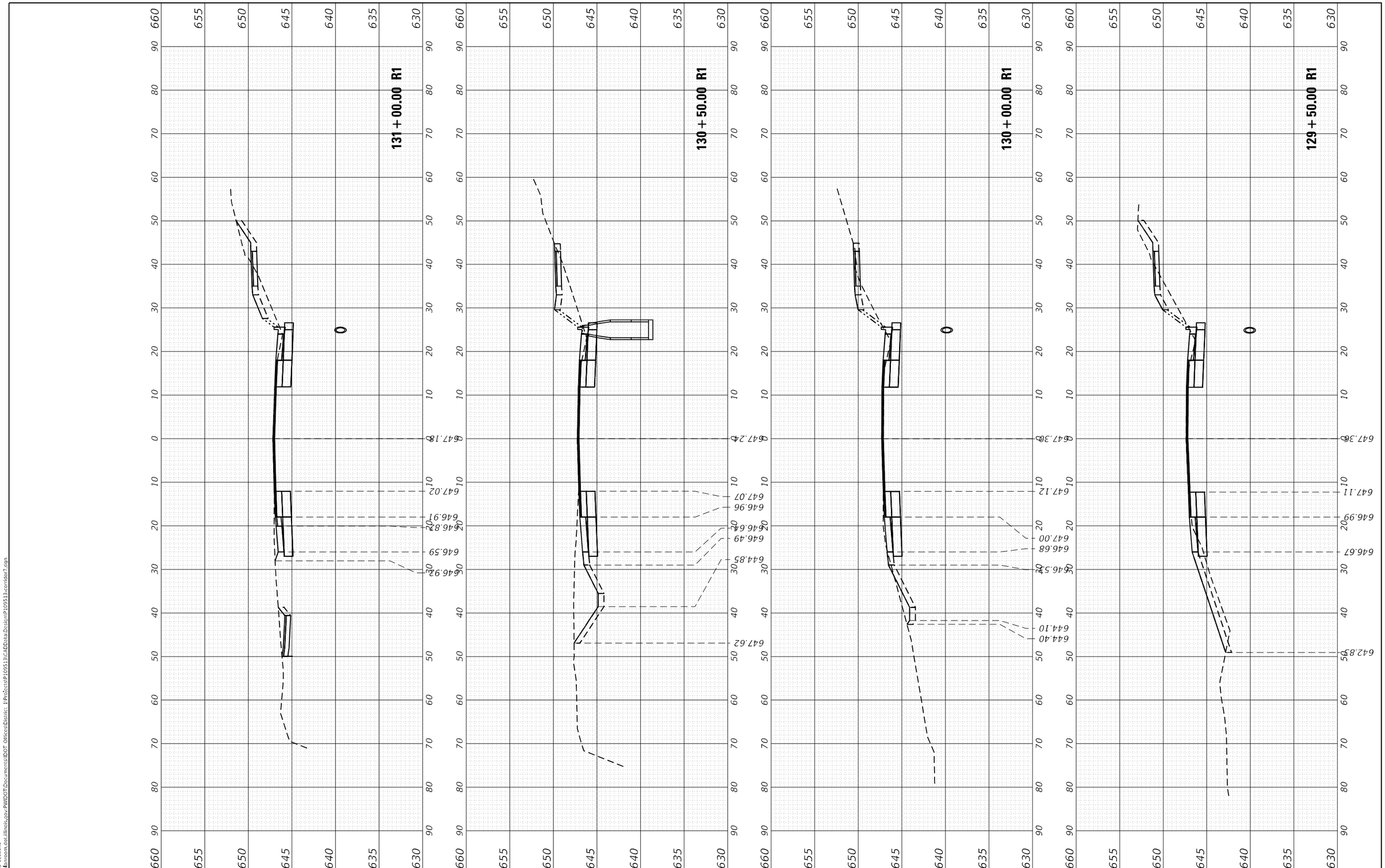
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 9 OF 24 SHEETS | STA. 127+30.93 R1 TO STA. 129+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	119
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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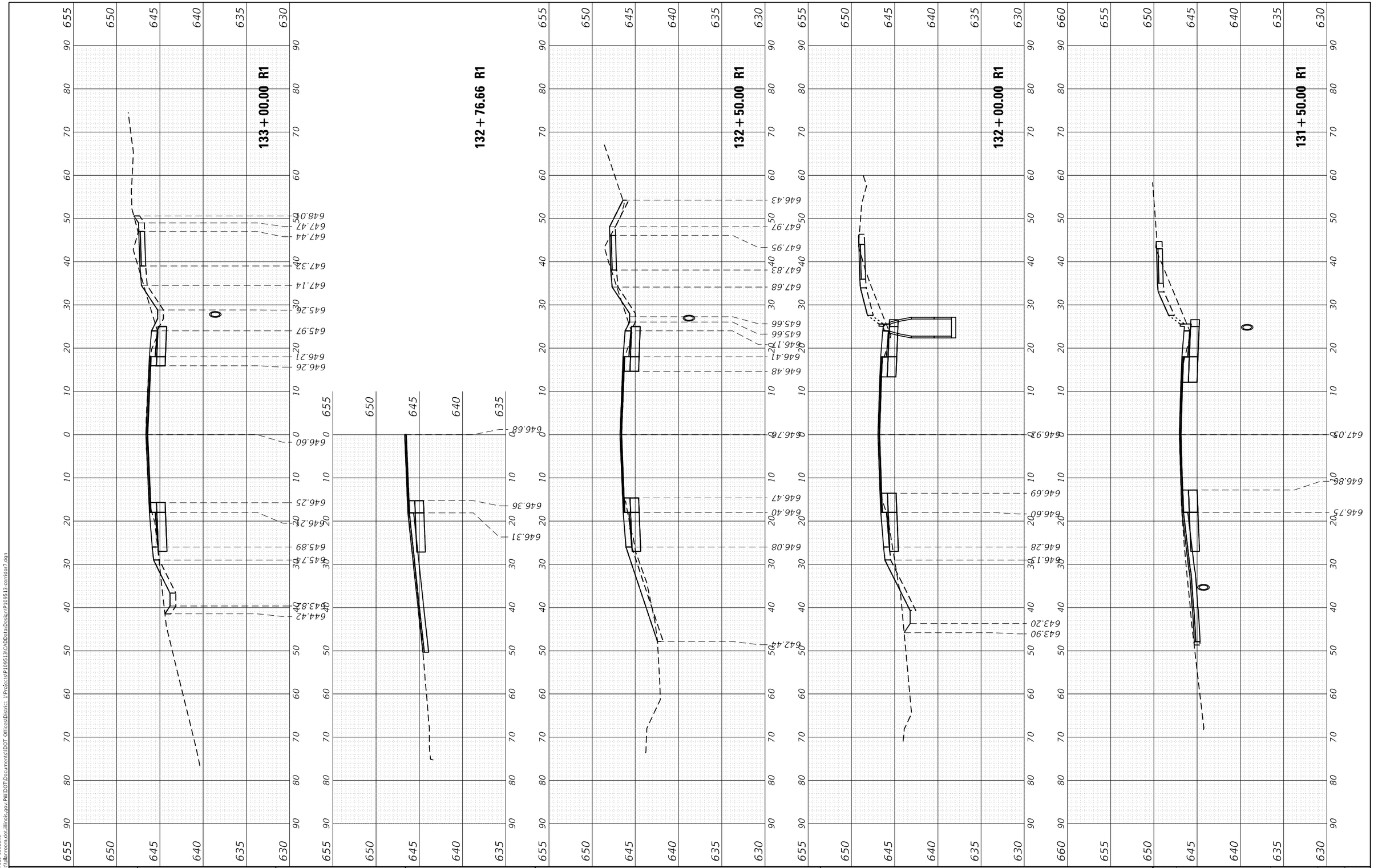
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 10 OF 24 SHEETS | STA. 129+50.00 R1 TO STA. 131+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	120
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 11 OF 24 SHEETS | STA. 131+50.00 R1 TO STA. 133+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	121
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	

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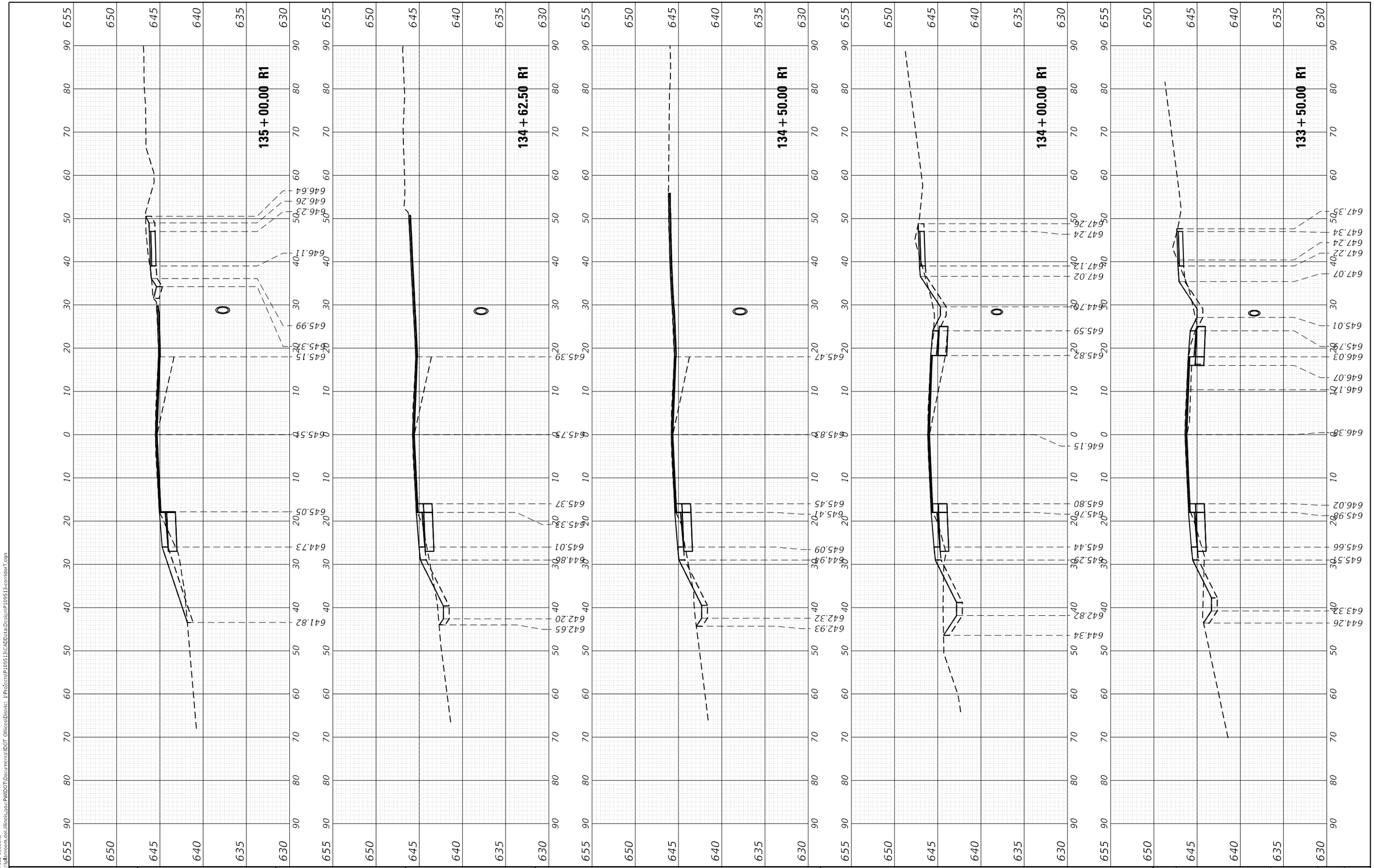

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
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SCALE: 1H:10V | SHEET 12 OF 24 SHEETS | STA. 133+50.00 R1 TO STA. 135+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	122
		CONTRACT NO. 62F84		
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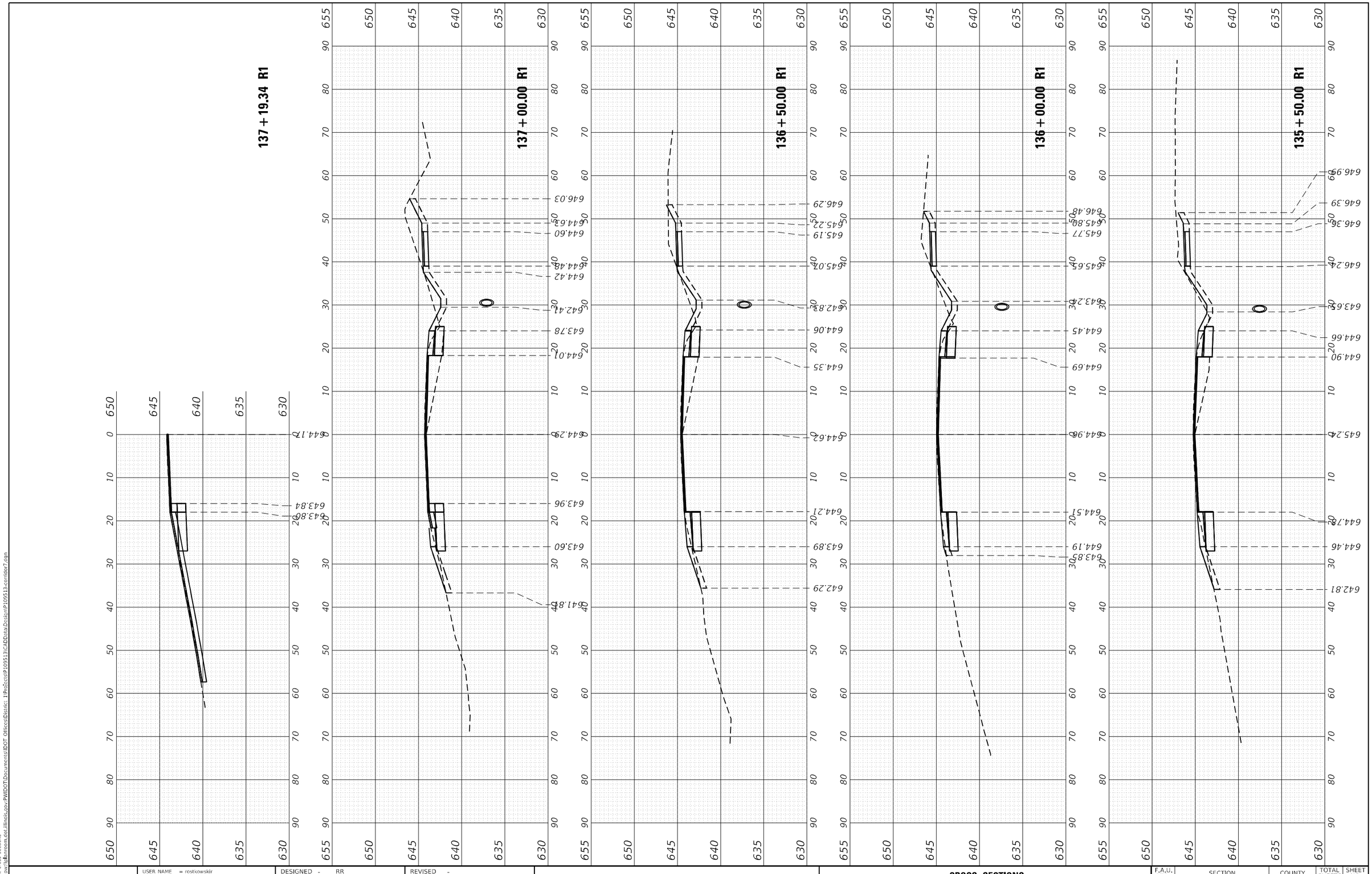

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 13 OF 24 SHEETS | STA. 135+50.00 R1 TO STA. 137+19.34 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	123
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 14 OF 24 SHEETS | STA. 137+50.00 R1 TO STA. 138+99.11 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	124
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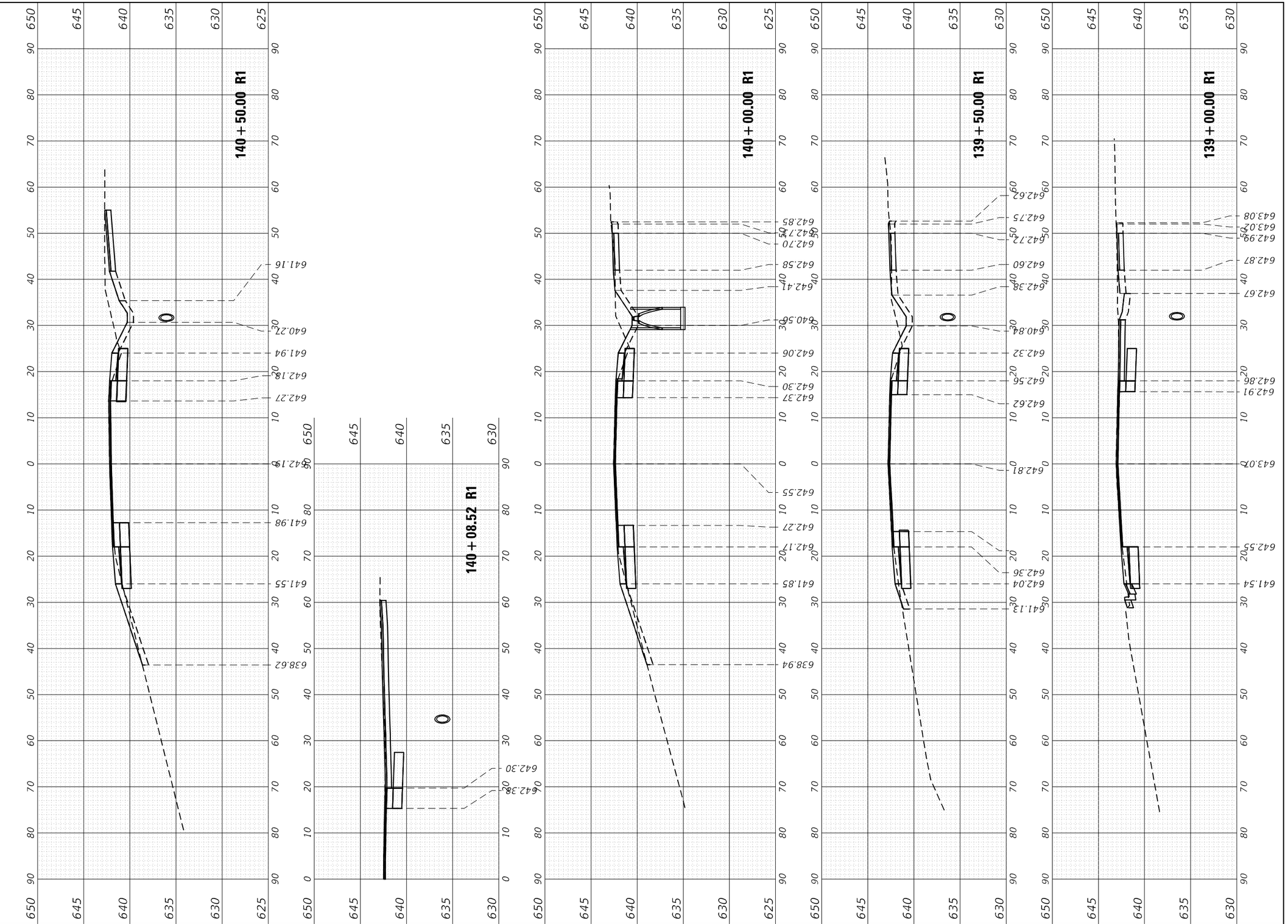
		ILLINOIS	FED. AID PROJECT	



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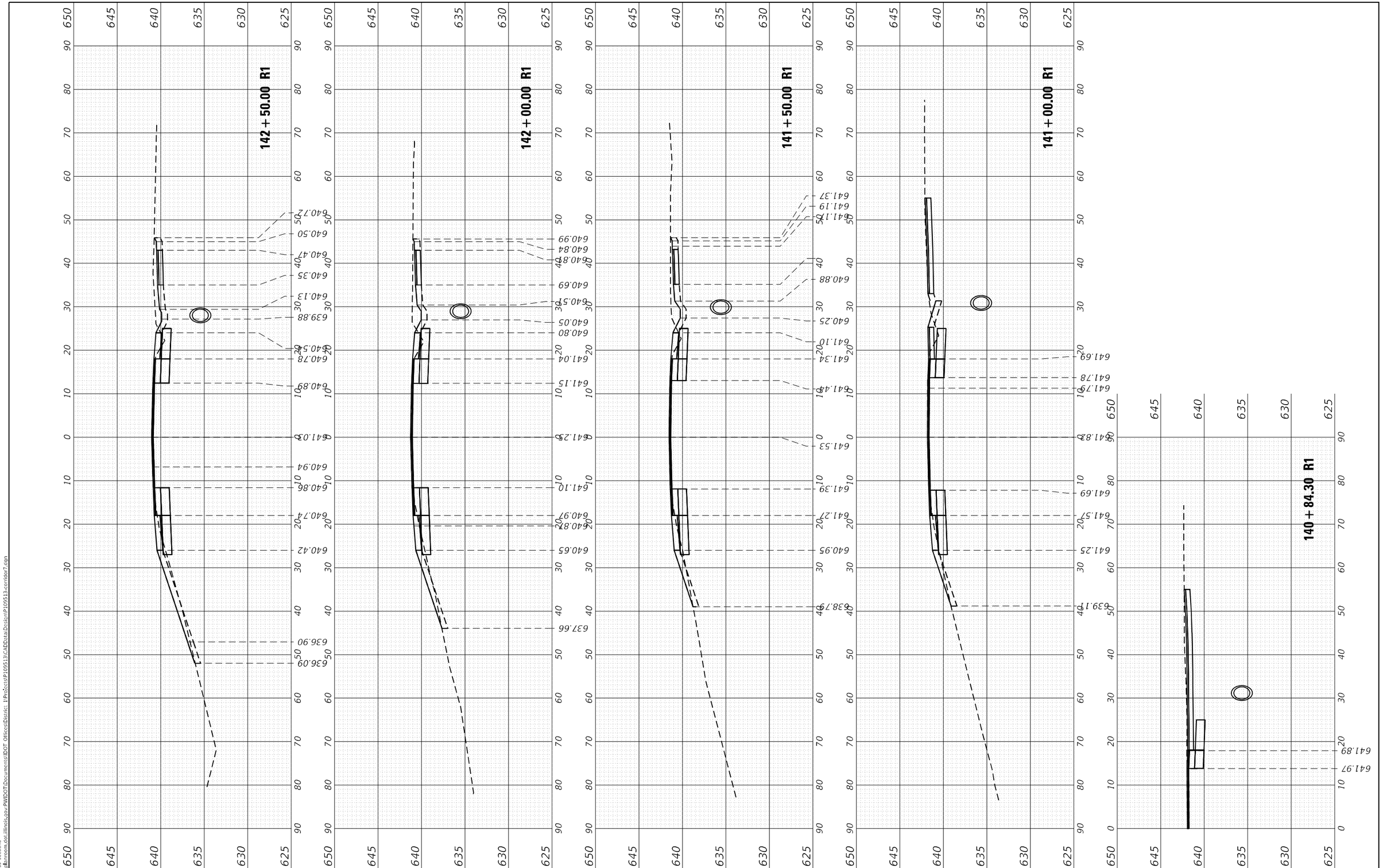
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 15 OF 24 SHEETS | STA. 139+00.00 R1 TO STA. 140+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	125
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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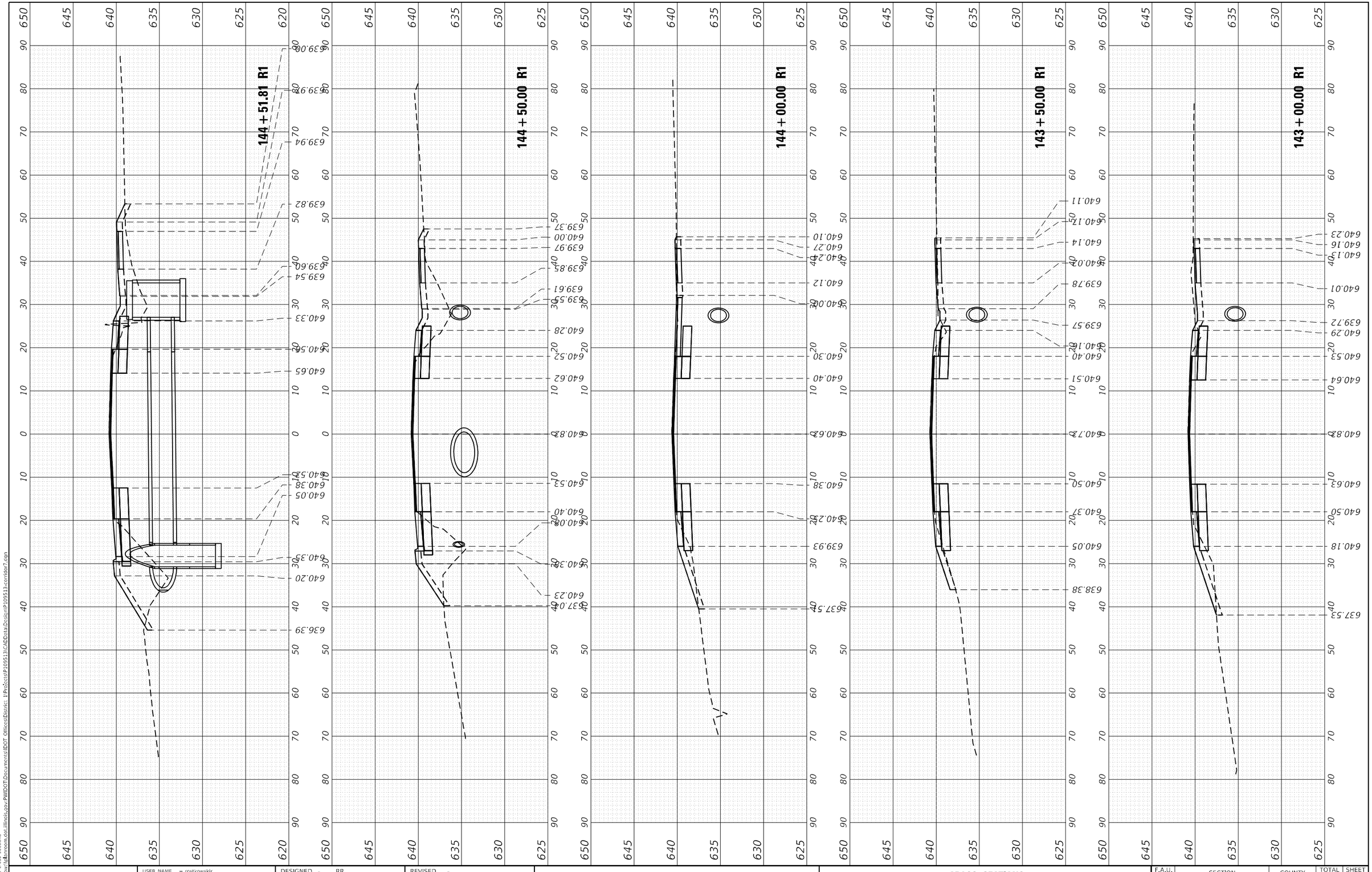
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 16 OF 24 SHEETS | STA. 140+84.30 R1 TO STA. 142+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	126
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

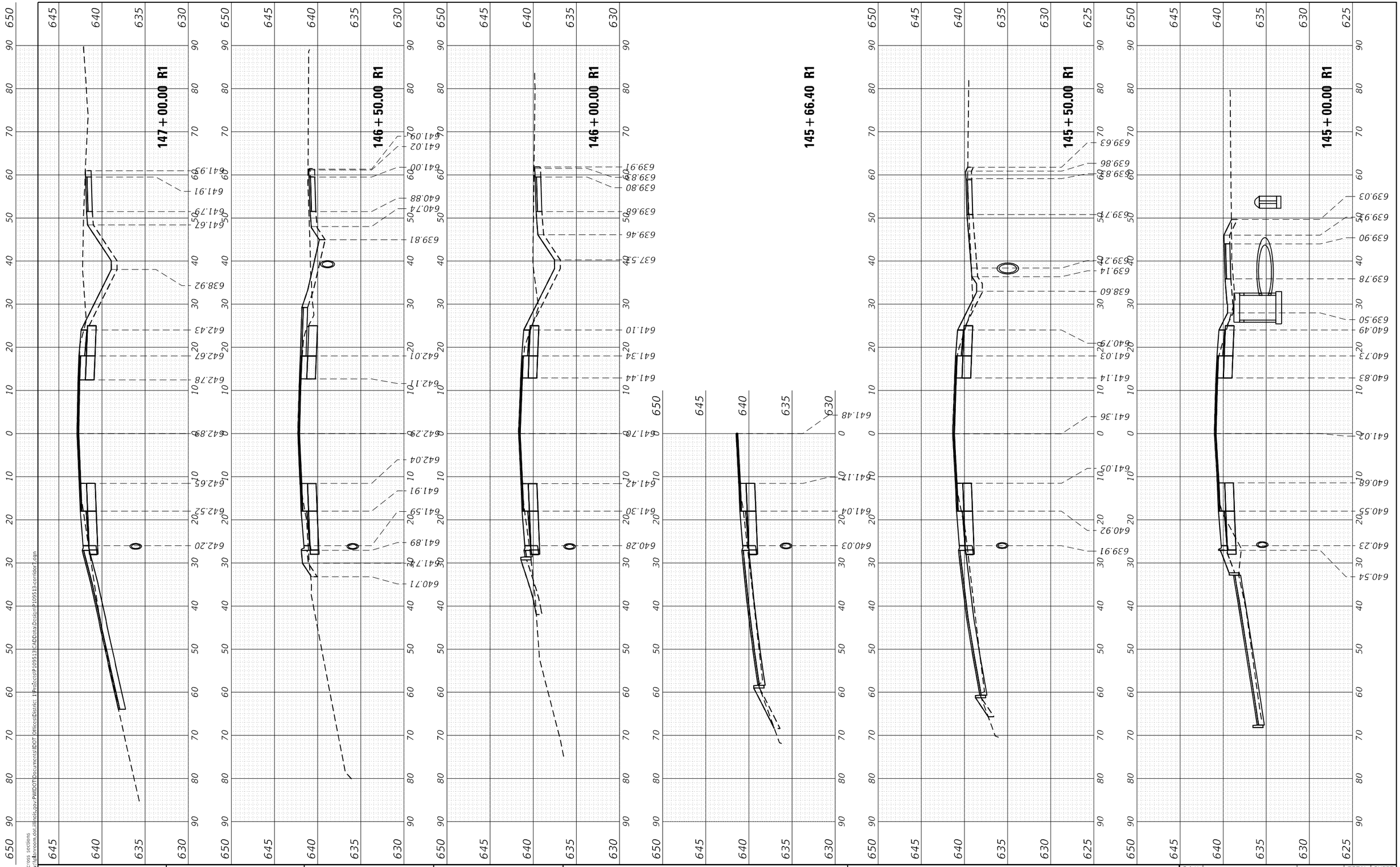
CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 17 OF 24 SHEETS | STA. 143+00.00 R1 TO STA. 144+51.81 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	127

CONTRACT NO. 62F84

ILLINOIS | FED. AID PROJECT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

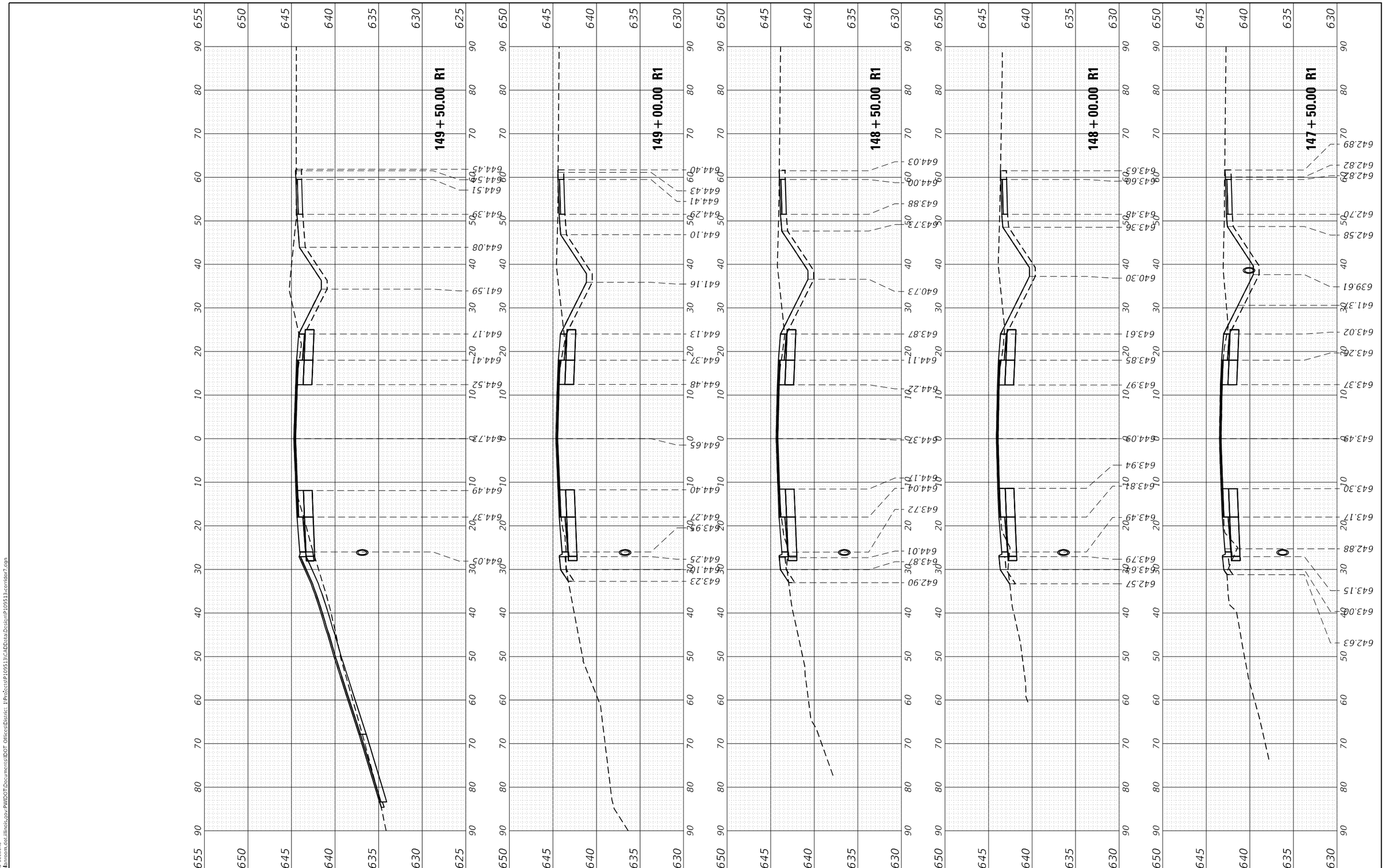
CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 18 OF 24 SHEETS | STA. 145+00.00 R1 TO STA. 147+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	128

CONTRACT NO. 62F84

ILLINOIS | FED. AID PROJECT



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PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

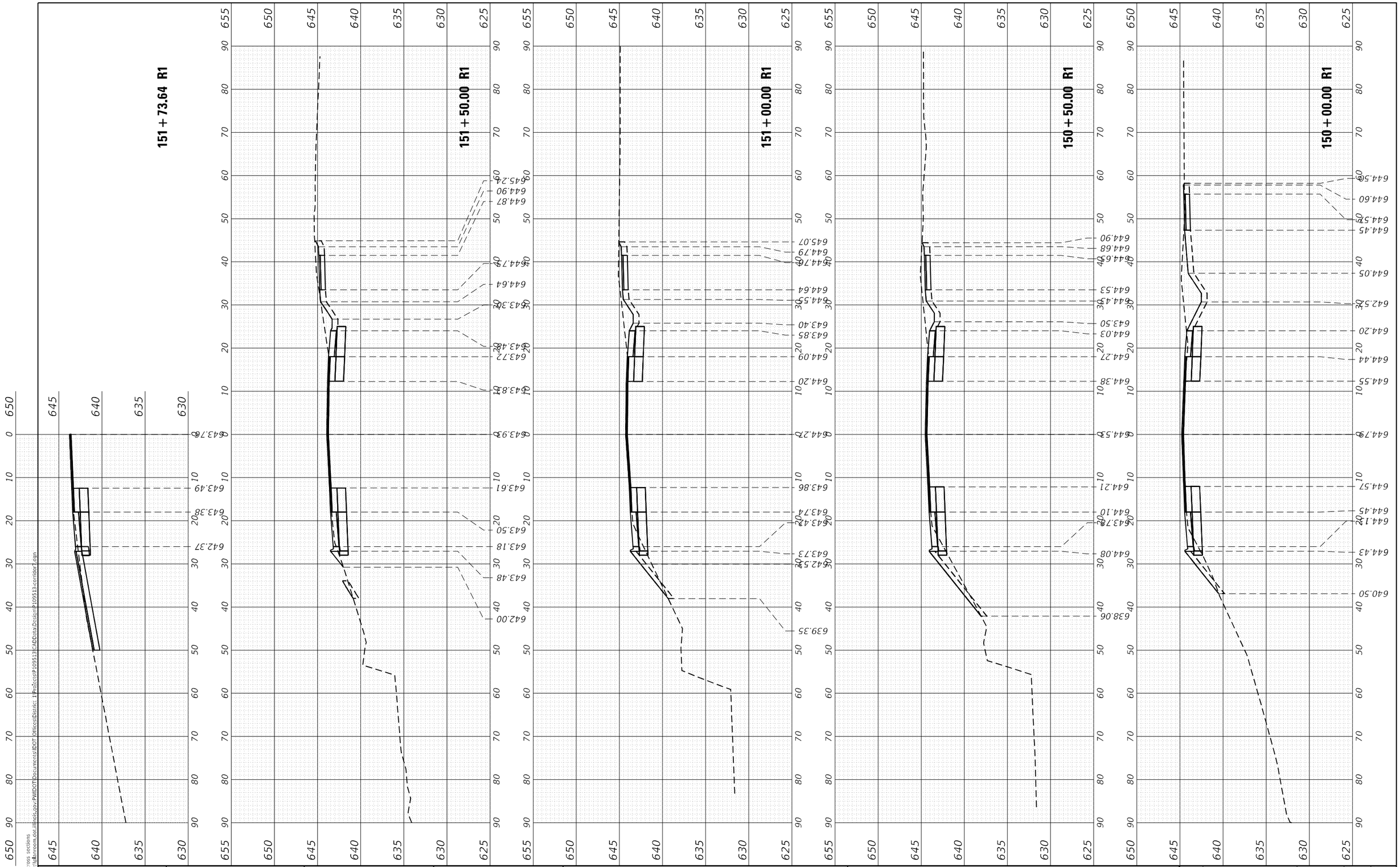
CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 19 OF 24 SHEETS | STA. 147+50.00 R1 TO STA. 149+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	129

CONTRACT NO. 62F84

ILLINOIS | FED. AID PROJECT



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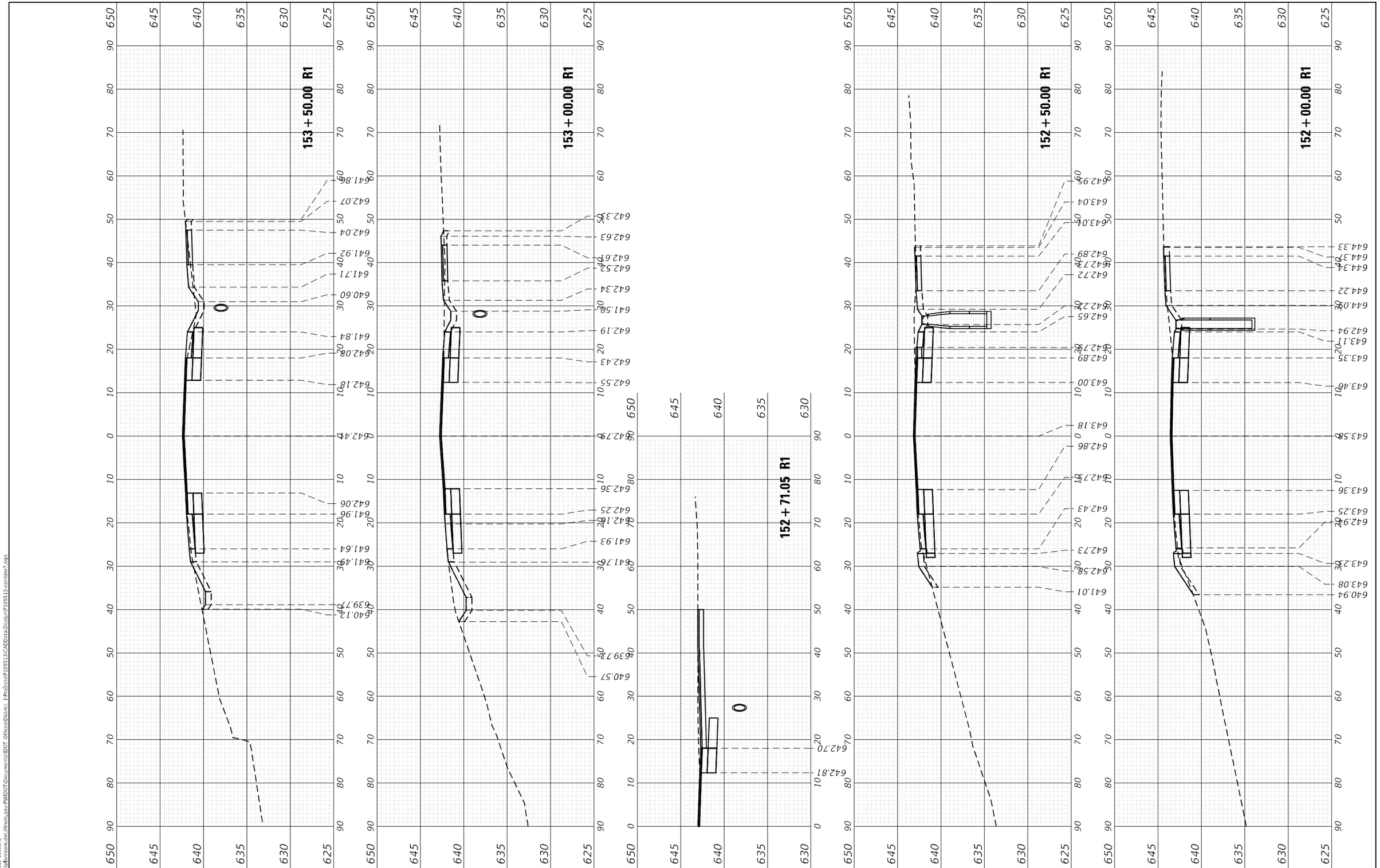
PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 20 OF 24 SHEETS | STA. 150+00.00 R1 TO STA. 151+73.64 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	130
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 21 OF 24 SHEETS | STA. 152+00.00 R1 TO STA. 153+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	131
		CONTRACT NO. 62F84		
	ILLINOIS FED. AID PROJECT			

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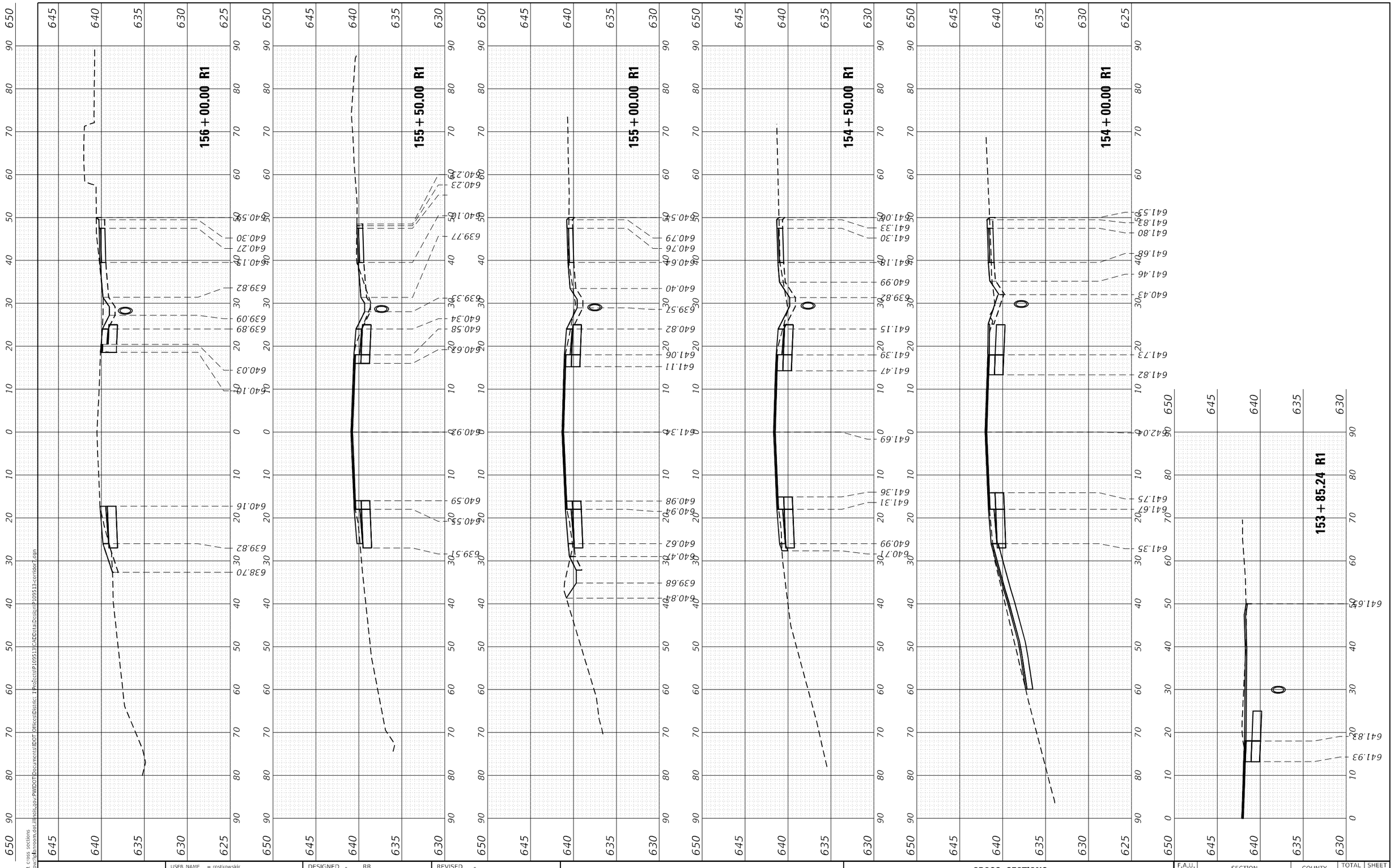

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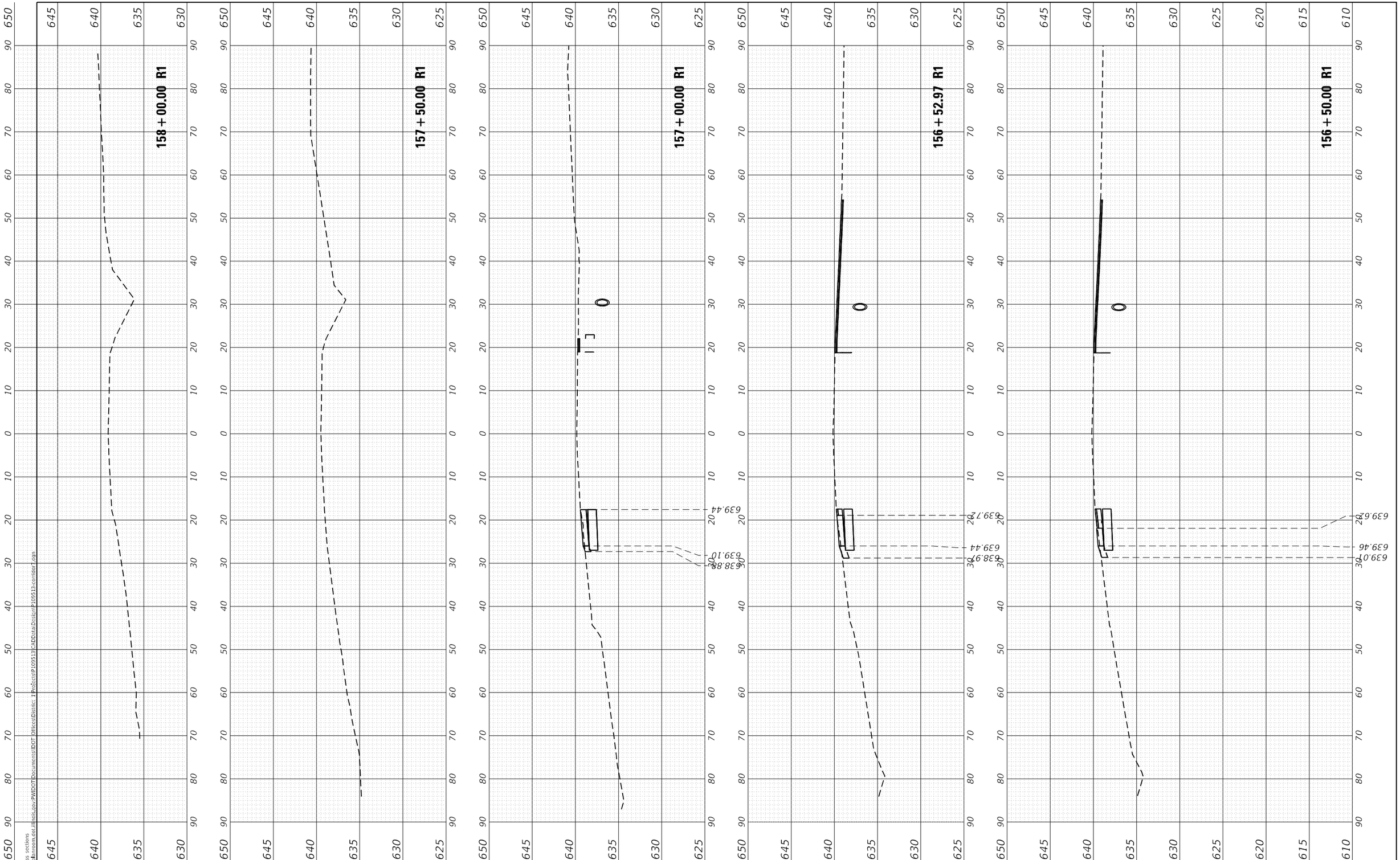
PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 22 OF 24 SHEETS | STA. 153+85.24 R1 TO STA. 156+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	132
		CONTRACT NO. 62F84		
	ILLINOIS	FED. AID PROJECT		



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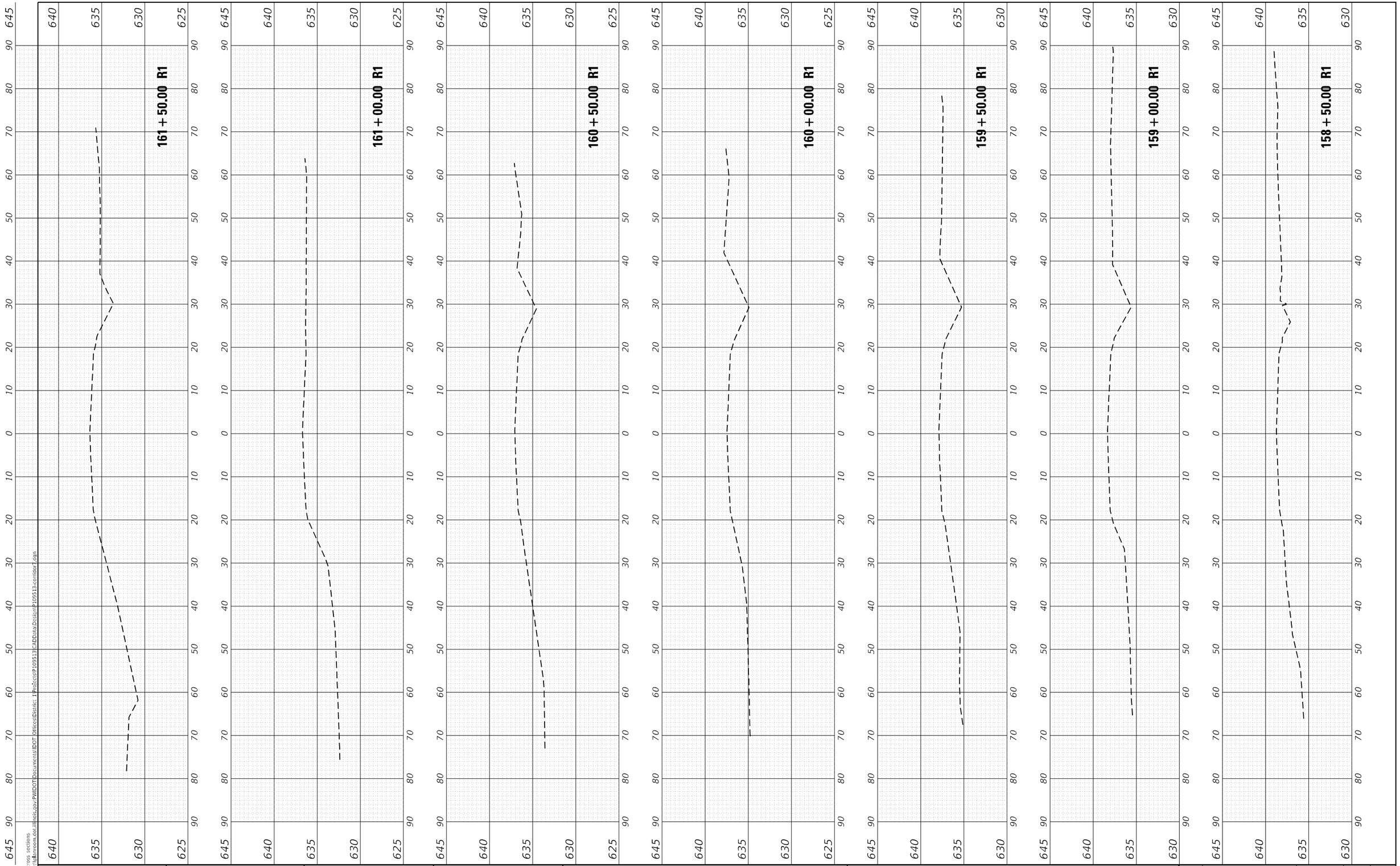
PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 23 OF 24 SHEETS | STA. 156+50.00 R1 TO STA. 158+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	133
		CONTRACT NO. 62F84		
		ILLINOIS	FED. AID PROJECT	



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PLOT DATE = 3/25/2021	DATE - 2/26/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GLENWOOD DYER ROAD; STONY ISLAND AVENUE TO IL RTE 83

SCALE: 1H:10V | SHEET 24 OF 24 SHEETS | STA. 158+50.00 R1 TO STA. 161+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3603	521WRS	COOK	134	134

CONTRACT NO. 62F84

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