

137

03-06-2020 LETTING ITEM 137

FULL RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941 R	COOK	331	1
ILLINOIS			CONTRACT NO. 60T05	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 3

PROJECT LOCATED IN THE VILLAGE OF WHEELING

PROPOSED HIGHWAY PLANS

FAU 2692 (WOLF RD)
IL 21 (MILWAUKEE AVENUE) TO NORTH OF HINTZ ROAD
ROADWAY RECONSTRUCTION AND WIDENING
SECTION: 3941-R

PROJECT: STP-RKBP(847)
COOK COUNTY
C-91-280-12

DESIGN DESIGNATION

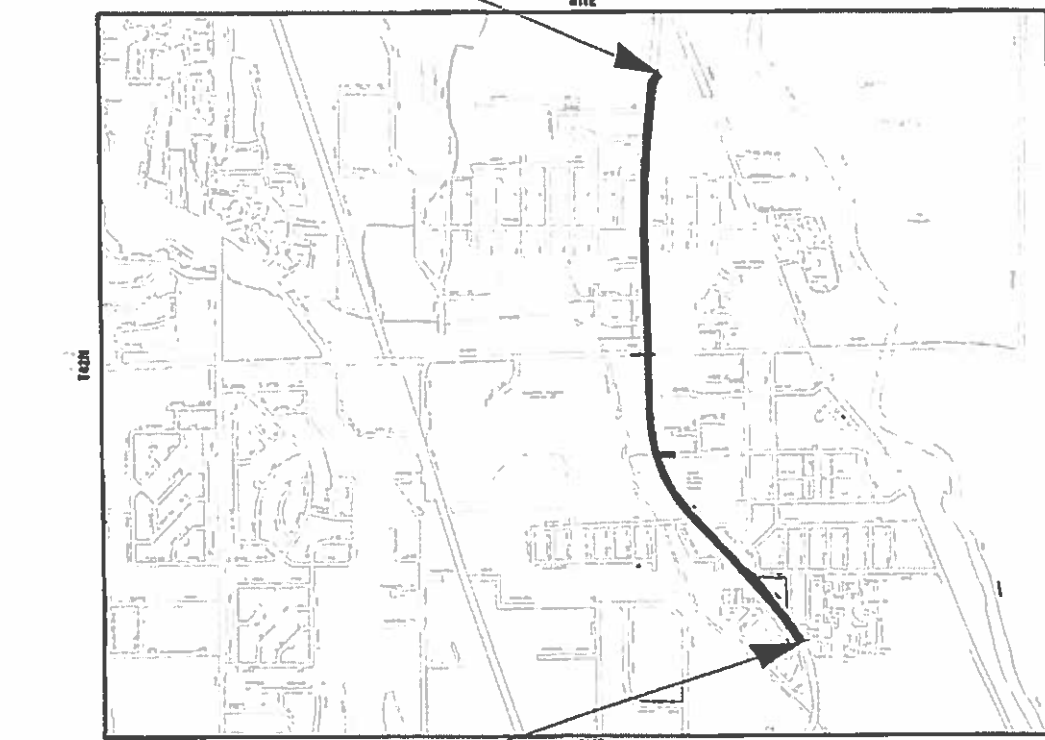
WOLF ROAD
MINOR ARTERIAL
IL RTE 68
OTHER PRINCIPAL ARTERIAL

TRAFFIC DATA

WOLF ROAD
HINTZ RD TO IL RTE 68
2014 ADT = 13,300 2035 ADT = 16,600
IL RTE 68 TO IL RTE 21
2014 ADT = 9,850 2035 ADT = 13,730
POSTED SPEED LIMIT = 35 MPH
DESIGN SPEED LIMIT = 40 MPH

IL RTE 68
2017 ADT = 22,900 2035 ADT = 34,500
POSTED SPEED LIMIT = 35 MPH
DESIGN SPEED LIMIT = 40 MPH

END PROJECT
WOLF ROAD
STA. 200 + 66.82



BEGIN PROJECT
WOLF ROAD
STA. 118 + 00.00

LOCATION MAP
GROSS LENGTH = 0.267 MI. = 1.366 MILE
NET LENGTH = 0.267 MI. = 1.366 MILE



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

DISTRICT ONE -
PROJECT MANAGER: KIM HARVEY (847) 705-4055
PROJECT ENGINEER: JUNG BYUN (847) 705-4288
CONTRACT NO. 60T05



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LICENSED PROFESSIONAL ENGINEER OF STATE OF ILLINOIS
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SHEETS 66 - 90
200 - 223 & 236 - 256
QEI
QUIGG ENGINEERING INC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED July 29 2019
Anthony J. Pugh / OAS
Jana B. [Signature] REGIONAL ENGINEER
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
Jan 31 2020
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

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BAXTER & WOODMAN
Consulting Engineers

B&W PROJECT NO.: 120067 DATE: 07-23-19

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DESIGNED -	AMW	REVISED -	
DRAWN -	CJC	REVISED -	
CHECKED -	JFM	REVISED -	
DATE -	1-10-20	FILE -	D160T05-SHT_GenNote.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	2
CONTRACT NO.			60T05	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-05 DEPRESSED CORNER FOR SIDEWALKS
- 424026-03 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
- 424031-02 MEDIAN PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542401-03 METAL FLARED END SECTION FOR PIPE CULVERTS
- 601001-05 PIPE UNDERDRAINS
- 602001-02 CATCH BASIN TYPE A
- 602011-02 CATCH BASIN TYPE C
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-06 PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
- 602402-02 PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
- 602406-10 PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
- 602411-08 PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
- 602416-08 PRECAST MANHOLE TYPE A 8' (2.44) DIAMETER
- 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-05 FRAME AND LIDS TYPE 1
- 604036-03 GRATE TYPE 8
- 604051-04 FRAME AND GRATE TYPE 11
- 604091-03 FRAME AND GRATE TYPE 24
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
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- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY

- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY

- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
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- 728001-01 TELESCOPING STEEL SIGN SUPPORT
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- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
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- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
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- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
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- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION REQUIRED.
2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
3. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF WHEELING AND THE COOK COUNTY DIVISION OF TRANSPORTATION.
4. 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 ENGINEER BEFORE ORDERING MATERIAL.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W., UNLESS OTHERWISE NOTED.
7. LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIAL.
9. THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.
10. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. BEFORE BEGINNING 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 REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
13. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
14. SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE TRAVEL LANES FOR THE TACK COAT APPLICATION AND EACH RESURFACING LIFT.
15. THE CURB HEIGHT SHALL TRANSITION TO EXISTING AT A RATE OF 1 INCH PER FOOT UNLESS OTHERWISE SPECIFIED.
16. THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THE PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT CONNECTIONS WITH SEWERS OR CULVERTS ARE BUILT AND IN SERVICE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
18. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.
19. ANY EXISTING STORM SEWER OR STRUCTURES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
20. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OF UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
21. STATIONING FOR ALL DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE. OFFSETS FOR CURB LINE INLETS AND CATCH BASINS ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL CURB LINE DRAINAGE STRUCTURES ARE PROPERLY ALIGNED WITH THE PROPOSED CURB & GUTTER.
22. ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES.
23. THE ENGINEER SHALL CONTACT CORY JUCIUS AT CORY.JUCIUS@ILLINOIS.GOV TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
24. PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 6'01001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE PROPOSED SUBGRADE OR AS DEEP AS POSSIBLE.
25. LOCATIONS OF PATCHING SHALL BE DETERMINED BY RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.
26. FRAME AND LIDS SHALL BE BICYCLE SAFE AND ADA COMPLIANT WHEN LOCATED WITHIN SIDEWALK, BIKE PATH, OR CROSSWALK. GRATE OPENINGS SHALL BE ONE-HALF INCH OR LESS IN ONE DIRECTION WITH THE WIDE OPENINGS PERPENDICULAR TO BICYCLE OR PEDESTRIAN TRAVEL. MAXIMUM PAVEMENT DROP SHALL BE ONE-QUARTER INCH TO TOP OF LID OR GRATE.
27. 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.
28. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
29. IN THE CASE OF A WINTER SHUTDOWN, CONTRACTOR SHALL UTILIZE THERMOPLASTIC AND POLYUREA PAVEMENT MARKINGS IN LIEU OF PAVEMENT MARKING TAPE AS SHOWN ON THE SEQUENCE OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS.
30. CALCIUM CHLORIDE APPLIED PLAN QUANTITIES ARE BASED ON AN APPLICATION RATE OF 1.2 LBS/SQ YD FOR AGGREGATE SUBGRADE IMPROVEMENT 12", SUBBASE GRANULAR MATERIAL TYPE B 2" AND 4" AND AGGREGATE BASE COURSE TYPE B 4" AND 6". SEE SECTION 663 OF THE STANDARD SPECIFICATIONS FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT.
31. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES/PLANTS WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING PLANT/TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
32. ALL TREE PROTECTION, TREE REMOVAL, 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 ENGINEER.
33. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THAT CONTRACTOR SHALL VERIFY THAT THE LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF PROWAG IDOT ADA STANDARDS.
34. REFER TO PROWAG IDOT ADA STANDARDS FOR MAXIMUM ALLOWABLE RUNNING SLOPES AND IF/WHEN POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:50 OR 2%, BUT 1:64 OR 1.56% IS PREFERRED.
35. GRADE BREAKS AT THE TOP AND BOTTOM OF THE RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN.
36. UTILITIES SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP IF THE REQUIREMENTS OF (NO VEHICLE LEVEL DIFFERENCE BETWEEN SURFACES GREATER THAN 1/2") ON THE MAINLINE SIDEWALK AND (NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2") ON THE MAINLINE SIDEWALK ARE MET.
37. GUIDELINE FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION: NEW SIDEWALK PLACEMENTS GREATER THAN 10 FT IN CONTIGUOUS LENGTH; THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN 10 FT IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET EITHER SIDE IN ORDER TO PROVIDE A REASONABLE TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION DOES NOT EXCEED THE MAXIMUM RUNNING SLOPES AS PER PROWAG.
38. THIS PROJECT REQUIRES A US 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 WORK TECHNIQUES 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 SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS, COMMITMENTS,
& GENERAL NOTES**

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	3
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	184	184							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	392	392							
20101000	TEMPORARY FENCE	FOOT	169	169							
20101100	TREE TRUNK PROTECTION	EACH	107	107							
20101200	TREE ROOT PRUNING	EACH	31	31							
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	36	36							
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	71	71							
20101700	SUPPLEMENTAL WATERING	UNIT	93	93							
20200100	EARTH EXCAVATION	CU YD	14,438	14,438							
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,915	1,915							
20400800	FURNISHED EXCAVATION	CU YD	463	463							
20800150	TRENCH BACKFILL	CU YD	3,075	3,075							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,088	3,088							
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,971	6,971							
* 25000115	SEEDING, CLASS 1B	ACRE	3.5	3.5							

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING		
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP		
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	411	411								
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	411	411								
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	411	411								
* 25100115	MULCH, METHOD 2	ACRE	1.4	1.4								
25200110	SODDING, SALT TOLERANT	SQ YD	7,724	7,724								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	140	140								
28000305	TEMPORARY DITCH CHECKS	FOOT	144	144								
28000400	PERIMETER EROSION BARRIER	FOOT	151	151								
28000510	INLET FILTERS	EACH	395	395								
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1,157	1,157								
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	5,569	5,569								
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	502	502								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	41,482	41,482								
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	7,635	779		6,856						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,498	1,498								

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	5
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	285	285							
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	311	311							
35501304	HOT-MIX ASPHALT BASE COURSE, 5"	SQ YD	1,026	1,026							
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	1,334	1,334							
35600670	HOT-MIX ASPHALT BASE COURSE WIDENING, 5"	SQ YD	56	56							
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	21	21							
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,678	2,678							
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	4	4							
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	133	133							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	14	14							
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	286	286							
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	227	227							
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	35,205	35,205							
42001300	PROTECTIVE COAT	SQ YD	49,508	42,652		6,856					
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	90	90							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	6
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	423	423							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	60,639	5,890		54,749					
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	7,985	1,115		6,870					
* 42400800	DETECTABLE WARNINGS	SQ FT	753	45		708					
44000100	PAVEMENT REMOVAL	SQ YD	40,563	40,563							
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	2,537	2,537							
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	6,131	6,131							
44000300	CURB REMOVAL	FOOT	1,175	1,175							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,994	5,994							
44000600	SIDEWALK REMOVAL	SQ FT	57,315	5,765	51,550						
44003100	MEDIAN REMOVAL	SQ FT	14,453	14,453							
44004250	PAVED SHOULDER REMOVAL	SQ YD	320	320							
44201681	CLASS D PATCHES, TYPE I, 3 INCH	SQ YD	32	32							
44201682	CLASS D PATCHES, TYPE II, 3 INCH	SQ YD	77	77							
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SQ YD	51	51							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	7
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
44201684	CLASS D PATCHES, TYPE IV, 3 INCH	SQ YD	51	51							
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	450	450							
50104400	CONCRETE HEADWALL REMOVAL	EACH	3	3							
50105220	PIPE CULVERT REMOVAL	FOOT	1,585	1,585							
50300225	CONCRETE STRUCTURES	CU YD	13.4	13.4							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,130	4,130							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5							
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	2,047	2,047							
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	928	928							
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	344	344							
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	332	332							
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	432	432							
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	370	370							
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	710	710							
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	455	455							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	8
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	162	162							
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	889	889							
550A4200	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 27"	FOOT	362	362							
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	714	714							
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	38	38							
550A4800	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 18"	FOOT	35	35							
550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	232	232							
55100300	STORM SEWER REMOVAL 8"	FOOT	40	40							
55100400	STORM SEWER REMOVAL 10"	FOOT	59	59							
55100500	STORM SEWER REMOVAL 12"	FOOT	1,251	1,251							
55100700	STORM SEWER REMOVAL 15"	FOOT	347	347							
55100900	STORM SEWER REMOVAL 18"	FOOT	207	207							
55101100	STORM SEWER REMOVAL 21"	FOOT	79	79							
55101200	STORM SEWER REMOVAL 24"	FOOT	168	168							
55101400	STORM SEWER REMOVAL 30"	FOOT	96	96							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	9
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
56106300	ADJUSTING WATER MAIN 6"	FOOT	20	20							
56106400	ADJUSTING WATER MAIN 8"	FOOT	20	20							
56106500	ADJUSTING WATER MAIN 10"	FOOT	50	50							
56106600	ADJUSTING WATER MAIN 12"	FOOT	50	50							
56107100	REMOVE AND RELOCATE WATER MAIN 6"	FOOT	20	20							
56107200	REMOVE AND RELOCATE WATER MAIN 8"	FOOT	20	20							
56107300	REMOVE AND RELOCATE WATER MAIN 10"	FOOT	400	400							
56107400	REMOVE AND RELOCATE WATER MAIN 12"	FOOT	400	400							
56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	300	300							
56300300	ADJUSTING WATER SERVICE LINES	FOOT	300	300							
56400100	FIRE HYDRANTS TO BE MOVED	EACH	15	15							
56500200	DOMESTIC WATER SERVICE BOXES TO BE MOVED	EACH	5	5							
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	22	22							
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	13,473	13,473							
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	10
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5							
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1							
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	41	41							
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	5	5							
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4							
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1							
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	17	17							
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	21	21							
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25	25							
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	26	26							
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	10							
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	37	37							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	11
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	22	22							
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	10	10							
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	4	4							
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	3	3							
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4	4							
60250200	CATCH BASINS TO BE ADJUSTED	EACH	11	11							
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3							
60260100	INLETS TO BE ADJUSTED	EACH	8	8							
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	35	35							
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4							
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1							
60500040	REMOVING MANHOLES	EACH	9	9							
60500050	REMOVING CATCH BASINS	EACH	7	7							
60500060	REMOVING INLETS	EACH	16	16							
60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	5	5							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	12
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	3	3							
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	2	2							
60600605	CONCRETE CURB, TYPE B	FOOT	1,315	1,315							
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	758	758							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	15,185	15,185							
60618210	HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH	SQ FT	11,033	11,033							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	155	155							
63200310	GUARDRAIL REMOVAL	FOOT	412	412							
66300105	CALCIUM CHLORIDE APPLIED	TON	26	26							
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	8,290	8,290							
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10							
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1							
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1							
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	100							
67100100	MOBILIZATION	L SUM	1	1							

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	13
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING		
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP		
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN		
* 70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	500	500								
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	2,142	2,142								
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	164,430	164,430								
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	8,400	8,400								
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1,407	1,407								
* 72000100	SIGN PANEL - TYPE 1	SQ FT	1,080	1,043			11	26				
* 72000200	SIGN PANEL - TYPE 2	SQ FT	25				25					
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	69	69								
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	24	24								
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	222	222								
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	26	26								
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,750	1,750							
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	333	333								
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,473	3,473								
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,232	1,232								

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	14
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING		
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP		
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	684	684								
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	167	167								
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,563	1,563								
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	139,569	139,569								
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	5,633	5,633								
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	662	662								
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	872	872								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	551	551								
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	730	730								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	875	875								
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,238				703	686		1,849		
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	186	186								
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	194				121	73				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	747				415	332				
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	186	186								

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	15
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN
* 81400100	HANDHOLE	EACH	11				4	4	3	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4				2	2		
* 81400300	DOUBLE HANDHOLE	EACH	4				2	2		
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	372	372						
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	744	744						
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	27	27						
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	9	9						
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	12	12						
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3	3						
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2						2	
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2						2	
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,367						6,367	
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,284				1,249	1,035		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,958				1,611	1,347		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,568				907	661		

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	16
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,697				2,440	1,257		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,230				2,305	925		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	291				134	157		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,235				680	555		
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8				4	4		
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1					1		
* 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	2					2		
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1					1		
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2				2			
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1				1			
* 87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1				1			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40				20	20		
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8				4	4		
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27				27			
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	70				26	44		

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	17
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
* 87900200	DRILL EXISTING HANDHOLE	EACH	2							2	
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7				3	4			
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1				
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	11				7	4			
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	11				7	4			
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16				8	8			
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18				10	8			
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	11				7	4			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	361				361				
* 88600700	PREFORMED DETECTOR LOOP	FOOT	225					225			
* 88700200	LIGHT DETECTOR	EACH	4								4
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2								2
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	16				8	8			
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2				1	1		
* 89501510	RELOCATE EXISTING FLASHING BEACON	EACH	2	2							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	18
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
89502300	REMOV E ELECTRIC CABLE FROM CONDUIT	FOOT	6,122							6,122	
89502375	REMOV E EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1				
89502380	REMOV E EXISTING HANDHOLE	EACH	13				13				
89502382	REMOV E EXISTING DOUBLE HANDHOLE	EACH	1				1				
89502385	REMOV E EXISTING CONCRETE FOUNDATION	EACH	9				9				
* A2002282	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
* A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
* A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
* A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
* A2005614	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	2	2							
* A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
* B2004516	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3							
* B2005385	TREE, METASEQUOIA GLYPTOSTROBODES (DAWN REDWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2							
* B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3							
* B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4							

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

REV. 2/3/20

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	19
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP	
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	
Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	311	311							
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	2,193	2,193							
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	1,224	1,224							
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	2,666	2,666							
Z0013798	CONSTRUCTION LAY OUT	L SUM	1	1							
Z0016702	DETOUR SIGNING	L SUM	1	1							
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	471	471							
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6	6							
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2						2		
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1,138	1,138							
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	610	610							
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	15	15							
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	120	120							
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	255	255							
Z0062456	TEMPORARY PAVEMENT	SQ YD	11,523	11,523							

* INDICATES SPECIALTY ITEM
 § INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	20
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNALS WOLF RD @ DUNDEE RD	TRAFFIC SIGNALS WOLF RD @ STRONG AVE	INTERCONNECT	EVP
				0004 URBAN	0028 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2				1	1		
Ø Z0076600	TRAINEES	HOUR	1500	1500						
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500						
X0320027	TEMPORARY DRAINAGE SYSTEM NO. 2	L SUM	1	1						
X0322720	CAST IRON STEPS	EACH	4	4						
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	14	14						
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	562							562
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	3,061						3,061	
X0327650	TEMPORARY DRAINAGE SYSTEM NO. 1	L SUM	1	1						
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	14,313	14,313						
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	21,323	21,323						
X1200050	BOX CULVERT REMOVAL	FOOT	41	41						
* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	2				1	1		
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2				1	1		
* X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	4				2	2		

* INDICATES SPECIALTY ITEM Ø 0042

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	21
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	80% STATE 20% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	80% FEDERAL 10% STATE 10% VILLAGE OF WHEELING	80% FEDERAL 20% STATE	100% VILLAGE OF WHEELING	
				ROADWAY	SIDEWALK	SIDEWALK	GNALSWOLF RD @ D	GNALSWOLF RD @ ST	INTERCONNECT	EVP	
				0004	0028	0028	0021	0021	0021	0021	
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN					
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500							
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	43	43							
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	28	28							
X4023000	TEMPORARY ACCESS (ROAD)	EACH	15	15							
X4421790	CLASS D PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	222	222							
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	3							
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	45	45							
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	28	28							
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	88	88							
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2			1	1				
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	6,367						6,367		
* A2005718	TREE, PHELLONDENDRON SACHALINENSE 'HIS MAJESTY' (HIS MAJESTY CORKTREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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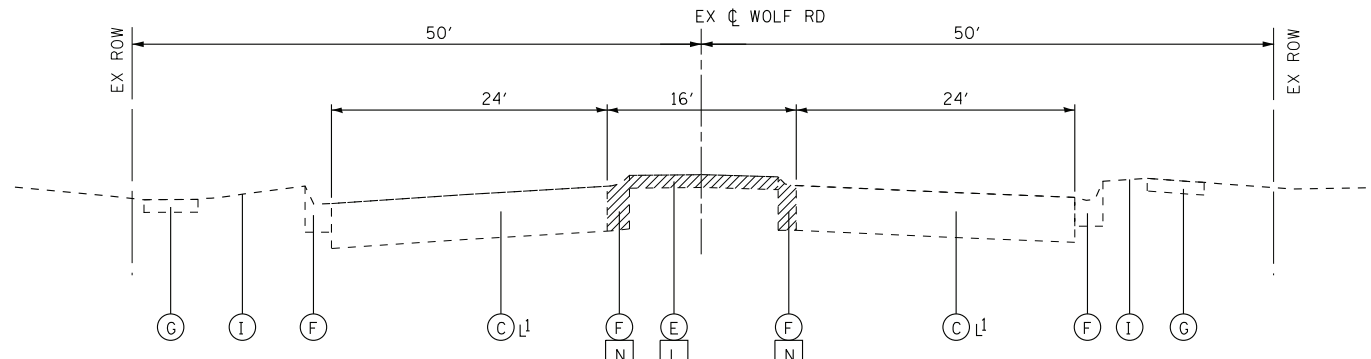
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

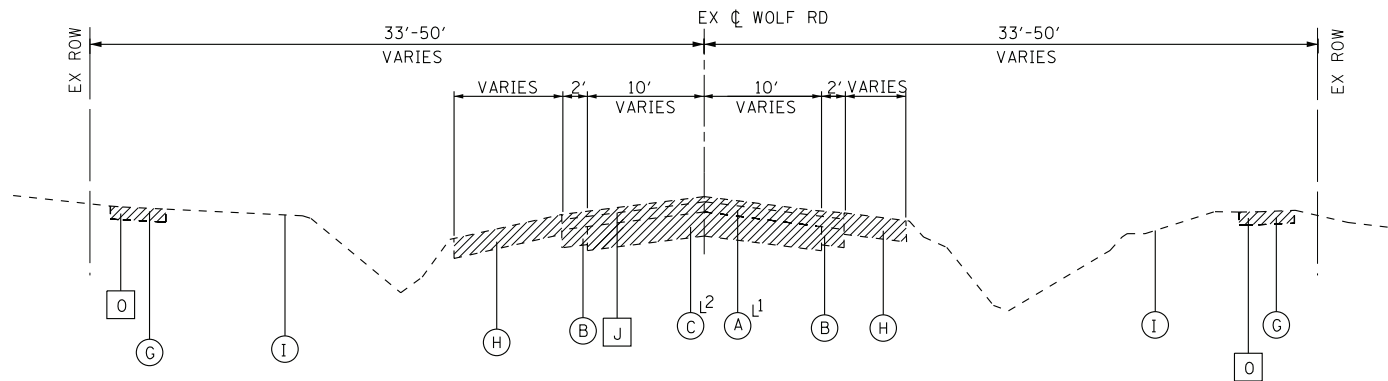
SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

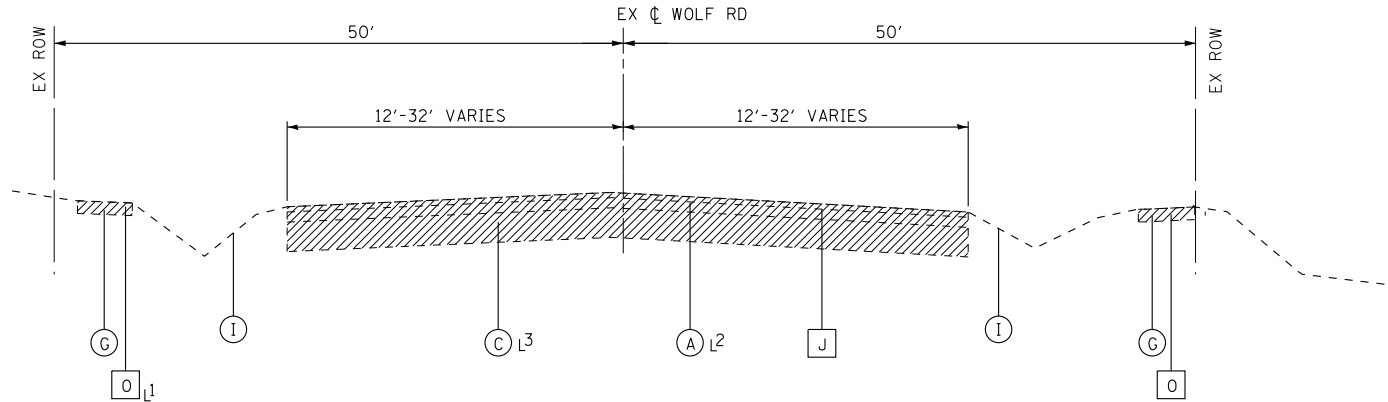
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2692	3941-R	COOK	331	22
CONTRACT NO. 60T05			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



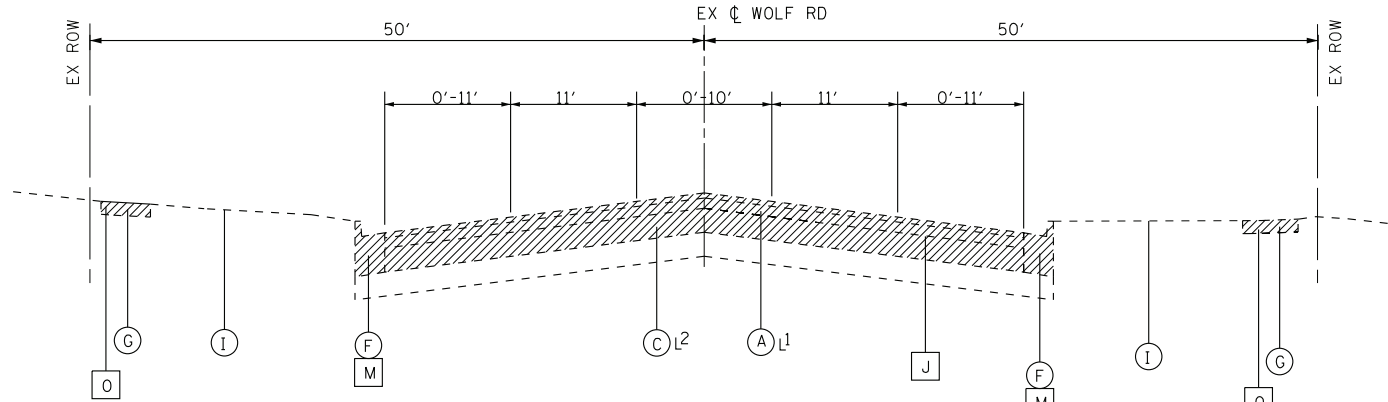
EXISTING TYPICAL SECTION
WOLF ROAD
STA 118+00 TO STA 125+13
L1 PCC PAVEMENT 8"



EXISTING TYPICAL SECTION
WOLF ROAD
STA 130+53 TO STA 157+64
STA 169+44 TO STA 186+48
L1 HMA PAVEMENT 5" AND VARIES
L2 PCC PAVEMENT 9" AND VARIES



EXISTING TYPICAL SECTION
WOLF ROAD
STA 125+13 TO STA 130+53
L1 STA 128+04 TO STA 130+53
L2 HMA PAVEMENT 5" AND VARIES
STA 125+44 TO STA 130+53
L3 PCC PAVEMENT 9" AND VARIES



EXISTING TYPICAL SECTION
WOLF ROAD
STA 157+64 TO STA 163+78
STA 164+31 TO STA 169+44
L1 HMA PAVEMENT 5" AND VARIES
L2 PCC PAVEMENT 9" AND VARIES

EXISTING LEGEND

- A HOT-MIX ASPHALT PAVEMENT
- B BITUMINOUS BASE COURSE WIDENING
- C PCC PAVEMENT
- D PCC MEDIAN
- E HMA MEDIAN
- F COMBINATION CONCRETE CURB AND GUTTER
- G PCC SIDEWALK, 5"
- H AGGREGATE SHOULDER
- I GROUND SURFACE
- J PAVEMENT REMOVAL
- K HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- L MEDIAN REMOVAL
- M COMBINATION CURB AND GUTTER REMOVAL
- N COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- O SIDEWALK REMOVAL
- P CLASS D PATCHES - 3" (AS DETERMINED BY THE ENGINEER)
- Q CLASS D PATCHES - 12" (SPECIAL) (AS DETERMINED BY THE ENGINEER)
- ITEM TO BE REMOVED

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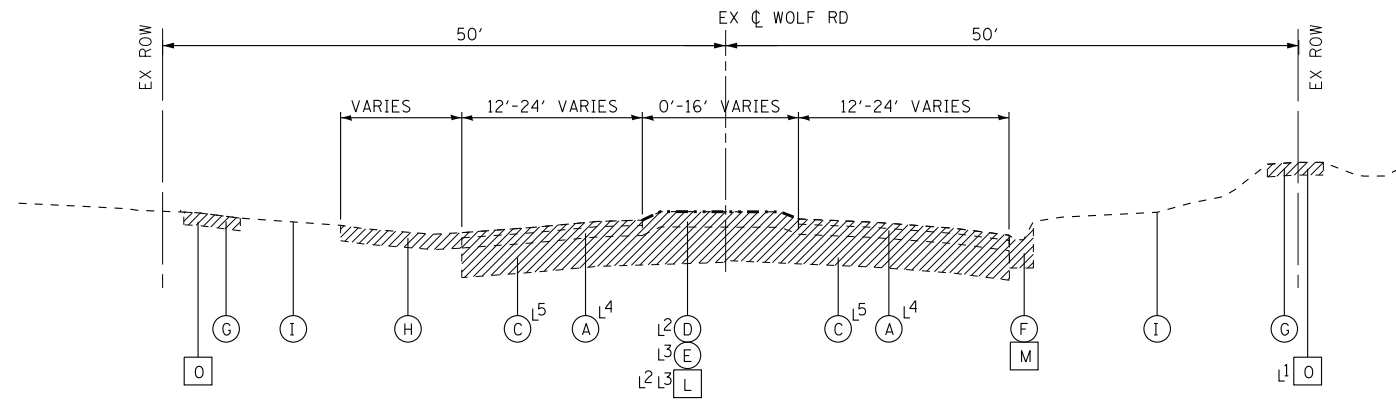
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

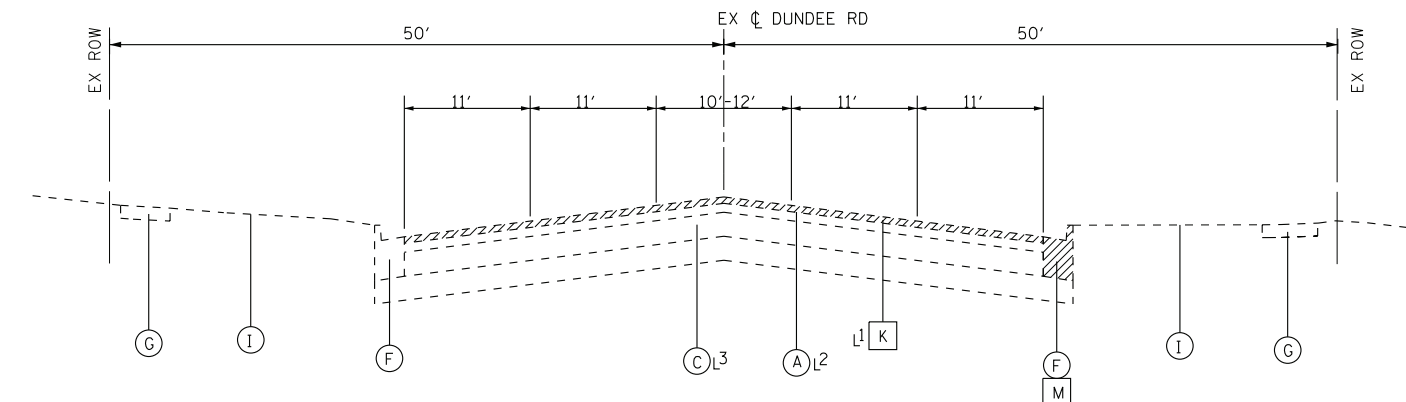
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CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



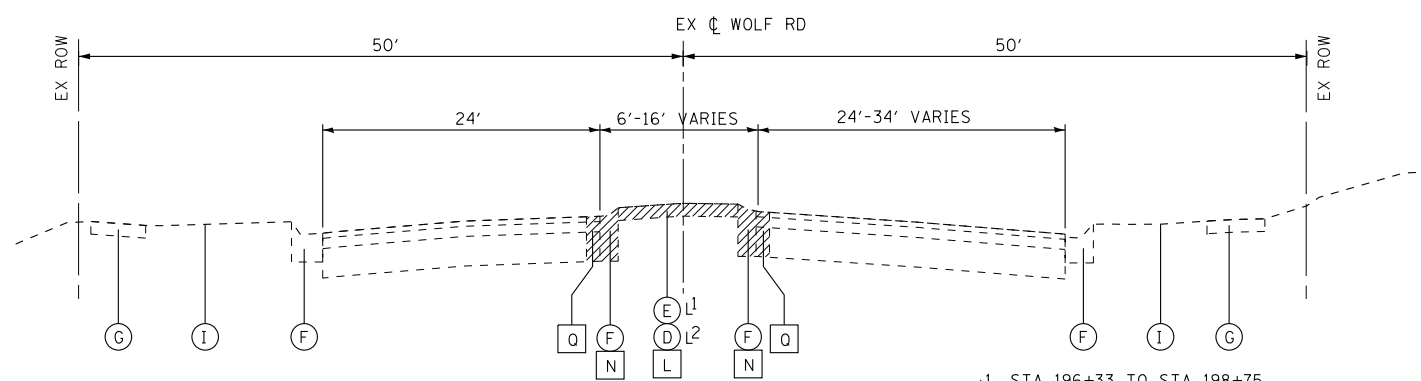
EXISTING TYPICAL SECTION
WOLF ROAD
STA 186+48 TO STA 196+33

- L1 STA 186+48 TO STA 191+07
- L2 STA 193+75 TO STA 195+89
- L3 STA 195+89 TO STA 196+33
- L4 HMA PAVMENT 5" AND VARIES
- L5 PCC PAVEMENT 9" AND VARIES



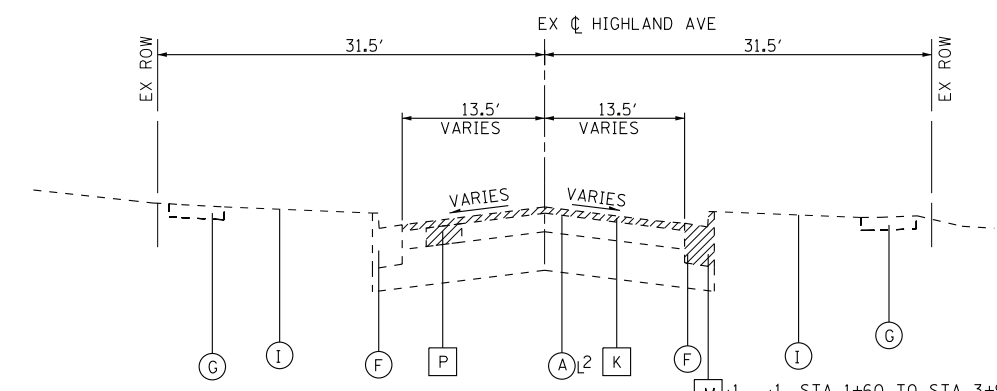
EXISTING TYPICAL SECTION
DUNDEE ROAD
STA 45+40 TO STA 49+24

- L1 STA 48+00 TO STA 50+66
- L2 HMA PAVMENT 5" AND VARIES
- L3 PCC PAVEMENT 9" AND VARIES



EXISTING TYPICAL SECTION
WOLF ROAD
STA 196+33 TO STA 200+67

- L1 STA 196+33 TO STA 198+75
- L2 STA 198+75 TO STA 200+67



EXISTING TYPICAL SECTION
HIGHLAND AVENUE
STA 1+79 TO STA 5+03

- L1 STA 1+60 TO STA 3+98
- L2 HMA PAVMENT 5" AND VARIES

EXISTING LEGEND

- | | |
|--|---|
| A HOT-MIX ASPHALT PAVEMENT | J PAVEMENT REMOVAL |
| B BITUMINOUS BASE COURSE WIDENING | K HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" |
| C PCC PAVEMENT | L MEDIAN REMOVAL |
| D PCC MEDIAN | M COMBINATION CURB AND GUTTER REMOVAL |
| E HMA MEDIAN | N COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT |
| F COMBINATION CONCRETE CURB AND GUTTER | O SIDEWALK REMOVAL |
| G PCC SIDEWALK, 5" | P CLASS D PATCHES - 3" (AS DETERMINED BY THE ENGINEER) |
| H AGGREGATE SHOULDER | Q CLASS D PATCHES - 12" (SPECIAL) (AS DETERMINED BY THE ENGINEER) |
| I GROUND SURFACE | ITEM TO BE REMOVED |

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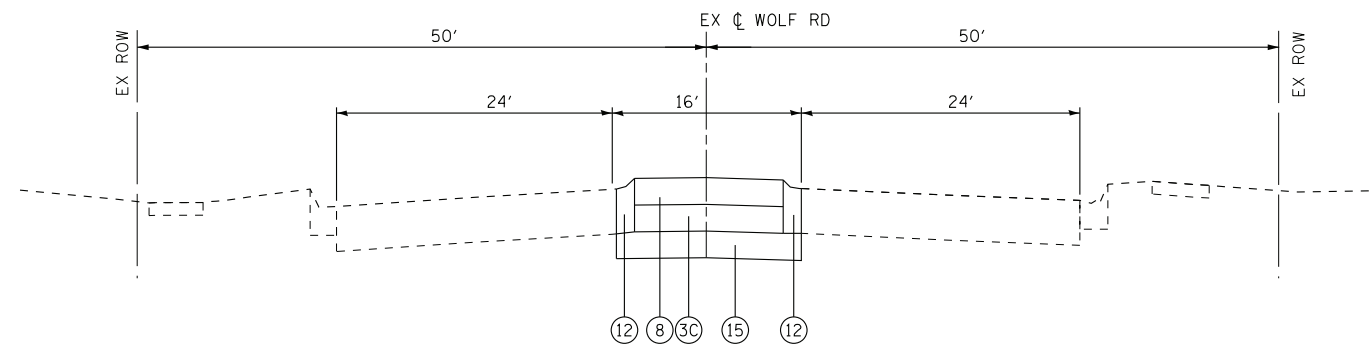
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

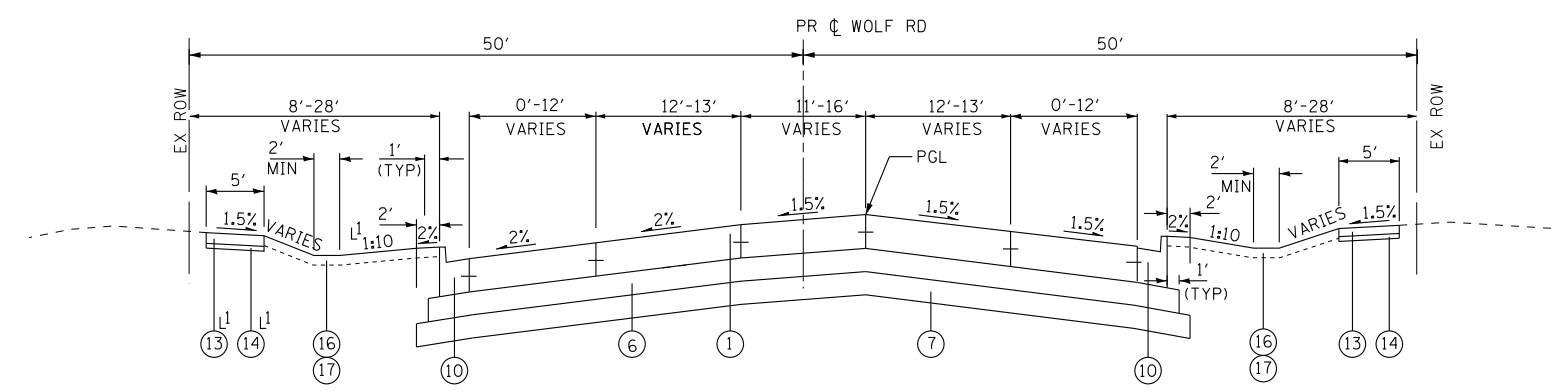
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STA. TO STA.

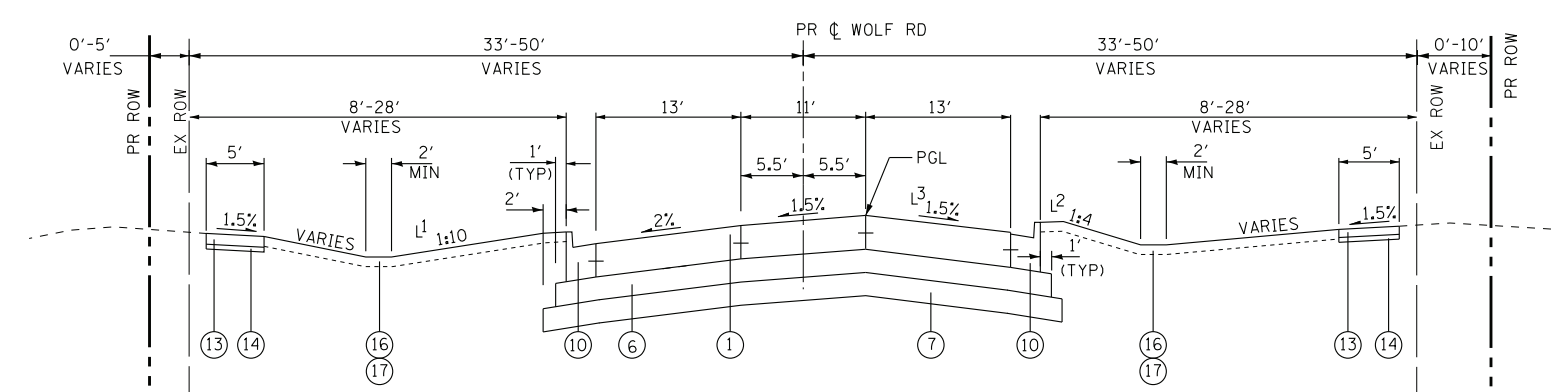
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	24
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



PROPOSED TYPICAL SECTION
WOLF ROAD
STA 118+00 TO STA 125+13

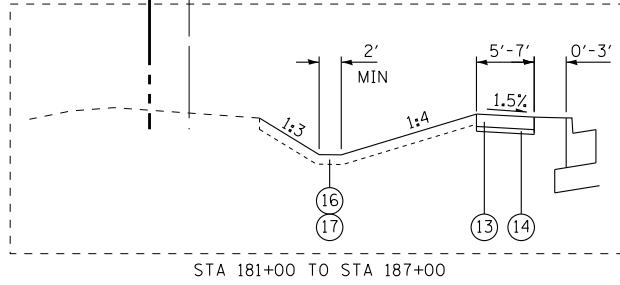


PROPOSED TYPICAL SECTION
WOLF ROAD
STA 125+13 TO STA 129+19

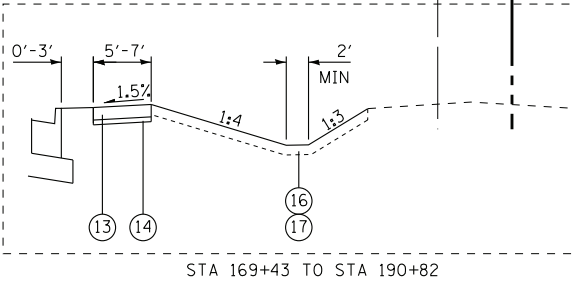


PROPOSED TYPICAL SECTION
WOLF ROAD
STA 129+19 TO STA 157+64
STA 169+43 TO STA 191+20

- L1 1:4 STA 135+00 TO STA 137+00
- L1 1:4 STA 169+43 TO STA 171+00
- L2 1:10 STA 129+19 TO STA 143+00
- L1 1:10 STA 146+00 TO STA 150+00
- L1 1:10 STA 156+50 TO STA 157+64
- L3 3% STA 181+31 TO STA 188+00



STA 181+00 TO STA 187+00



STA 169+43 TO STA 190+82

PROPOSED LEGEND

- 1 PCC PAVEMENT 8" (JOINTED)
- 2A POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 2"
- 2B HOT-MIX ASPHALT BASE COURSE WIDENING, 7" (FOR WIDENINGS ≤ 6 FT)
- 2C HOT-MIX ASPHALT BASE COURSE, 7" (FOR WIDENINGS > 6 FT)
- 3A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- 3B HOT-MIX ASPHALT BASE COURSE WIDENING, 5" (FOR WIDENINGS ≤ 6 FT)
- 3C HOT-MIX ASPHALT BASE COURSE, 5" (FOR WIDENINGS > 6 FT)
- 4 RESERVED
- 5 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- 6 AGGREGATE SUBGRADE IMPROVEMENT - 12" (SQ YD)
- 7 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE 2)
- 8 HOT-MIX ASPHALT MEDIAN SURFACE, 4"
- 9 CONCRETE MEDIAN SURFACE, 4"
- 10 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MINIMUM FLAG DEPTH SHALL BE 9")
- 11 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (MINIMUM FLAG DEPTH SHALL BE 9")
- 12 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (MINIMUM FLAG DEPTH SHALL BE 9")
- 13 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 14 SUB-BASE GRANULAR MATERIAL, TYPE B 2"
- 15 SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- 16 TOPSOIL EXCAVATION AND PLACEMENT - 8" DEPTH
- 17 SODDING, SALT TOLERANT (SEE LANDSCAPING PLANS)
- 18 CLASS D PATCHES - 3" (AS DETERMINED BY THE ENGINEER)
- 19 CLASS D PATCHES - 12" (SPECIAL) (AS DETERMINED BY THE ENGINEER)

GEOTECH NOTES:

1. THE THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
2. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) 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 CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
3. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

SCALE: NONE

STA. TO STA.

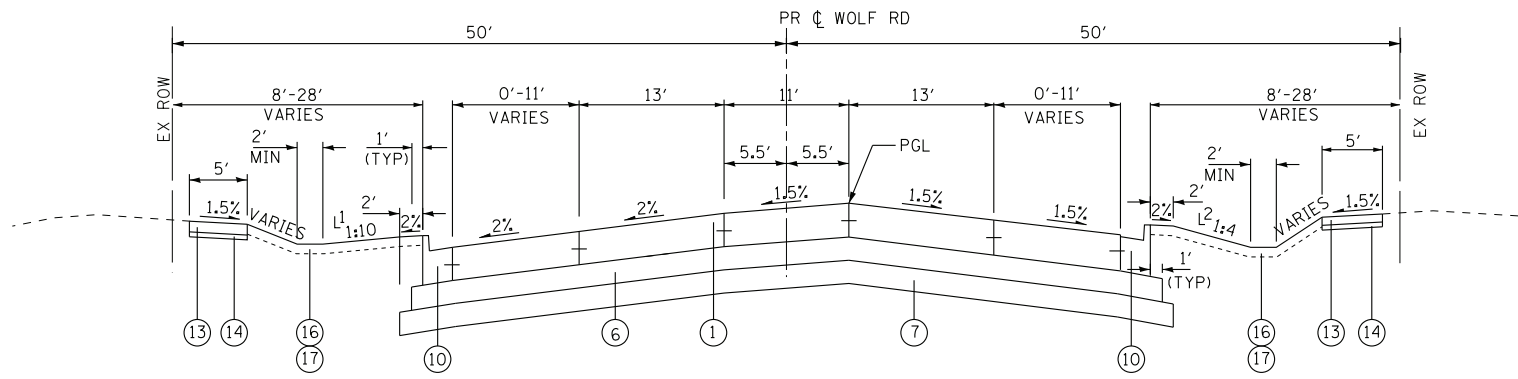
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

PROPOSED LEGEND

- ① PCC PAVEMENT 8" (JOINTED)
- ②A POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 2"
- ②B HOT-MIX ASPHALT BASE COURSE WIDENING, 7" (FOR WIDENINGS ≤ 6 FT)
- ②C HOT-MIX ASPHALT BASE COURSE, 7" (FOR WIDENINGS > 6 FT)
- ③A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- ③B HOT-MIX ASPHALT BASE COURSE WIDENING, 5" (FOR WIDENINGS ≤ 6 FT)
- ③C HOT-MIX ASPHALT BASE COURSE, 5" (FOR WIDENINGS > 6 FT)
- ④ RESERVED
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑥ AGGREGATE SUBGRADE IMPROVEMENT - 12" (SQ YD)
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE 2)
- ⑧ HOT-MIX ASPHALT MEDIAN SURFACE, 4"
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MINIMUM FLAG DEPTH SHALL BE 9")
- ⑪ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (MINIMUM FLAG DEPTH SHALL BE 9")
- ⑫ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (MINIMUM FLAG DEPTH SHALL BE 9")
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑭ SUB-BASE GRANULAR MATERIAL, TYPE B 2"
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ TOPSOIL EXCAVATION AND PLACEMENT - 8" DEPTH
- ⑰ SODDING, SALT TOLERANT (SEE LANDSCAPING PLANS)
- ⑱ CLASS D PATCHES - 3" (AS DETERMINED BY THE ENGINEER)
- ⑲ CLASS D PATCHES - 12" (SPECIAL) (AS DETERMINED BY THE ENGINEER)

GEOTECH NOTES:

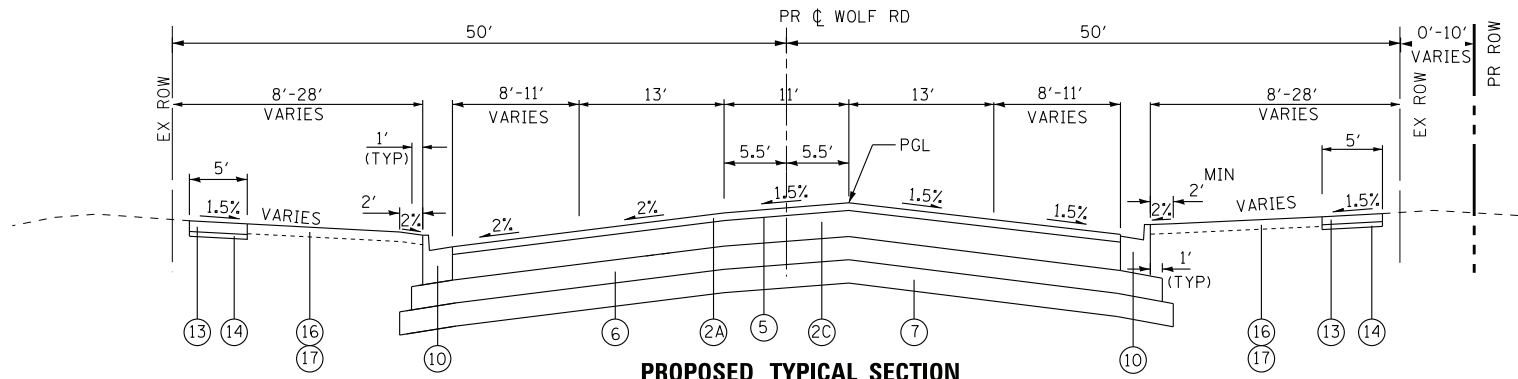
1. THE THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
2. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) 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 CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
3. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.



PROPOSED TYPICAL SECTION

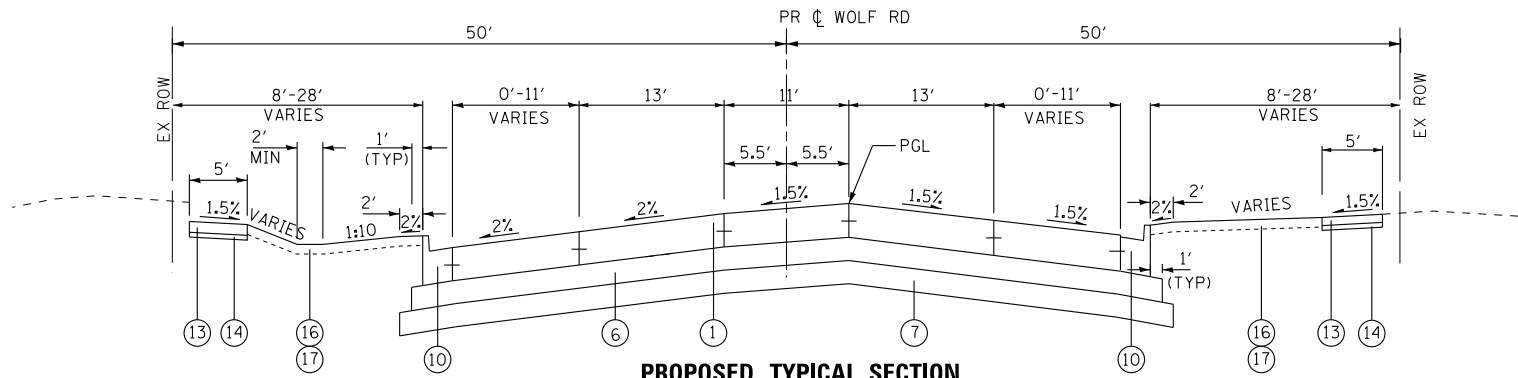
WOLF ROAD
STA 157+64 TO STA 163+17
STA 164+81 TO STA 169+43

L1 1:4 STA 168+00 TO STA 169+43
L2 1:10 STA 157+64 TO STA 159+30



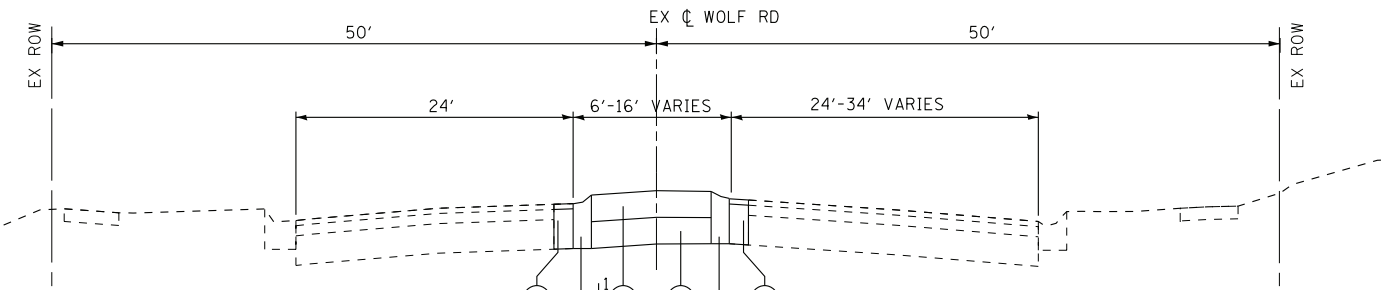
PROPOSED TYPICAL SECTION

WOLF ROAD
STA 163+17 TO STA 163+78
STA 164+30 TO STA 164+81



PROPOSED TYPICAL SECTION

WOLF ROAD
STA 191+20 TO STA 196+33



PROPOSED TYPICAL SECTION

WOLF ROAD
STA 196+33 TO STA 200+67

L1 STA 196+33 TO STA 198+75
L2 STA 198+75 TO STA 200+67

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DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Typical.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

SCALE: NONE

STA. TO STA.

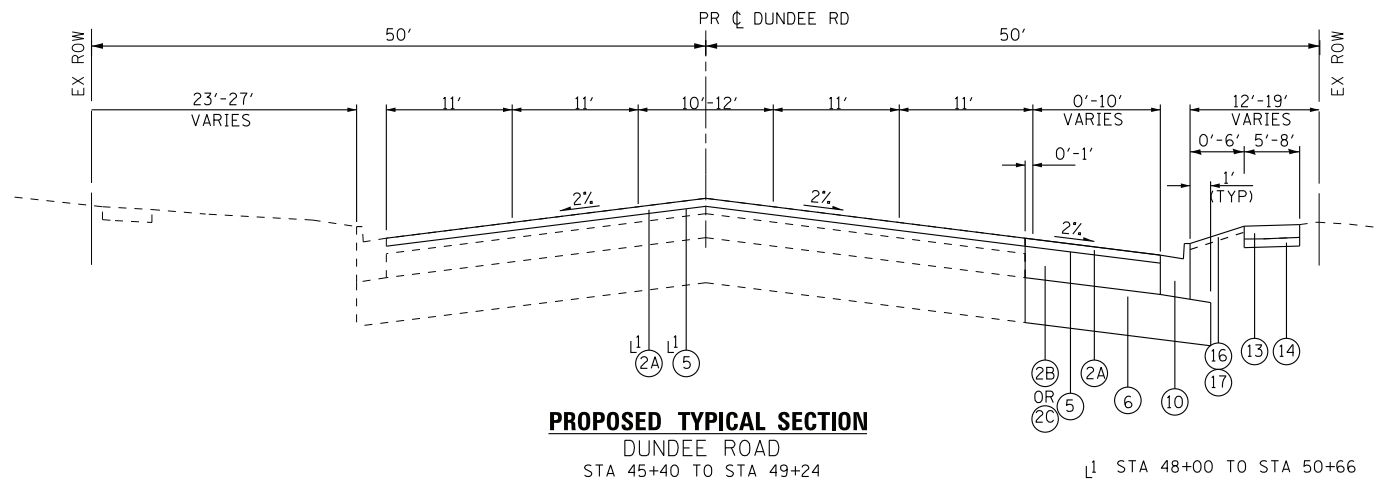
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	26
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60T05				

PROPOSED LEGEND

- ① PCC PAVEMENT 8" (JOINTED)
- ②A POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 2"
- ②B HOT-MIX ASPHALT BASE COURSE WIDENING, 7" (FOR WIDENINGS ≤ 6 FT)
- ②C HOT-MIX ASPHALT BASE COURSE, 7" (FOR WIDENINGS > 6 FT)
- ③A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- ③B HOT-MIX ASPHALT BASE COURSE WIDENING, 5" (FOR WIDENINGS ≤ 6 FT)
- ③C HOT-MIX ASPHALT BASE COURSE, 5" (FOR WIDENINGS > 6 FT)
- ④ RESERVED
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑥ AGGREGATE SUBGRADE IMPROVEMENT - 12" (SQ YD)
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE 2)
- ⑧ HOT-MIX ASPHALT MEDIAN SURFACE, 4"
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MINIMUM FLAG DEPTH SHALL BE 9")
- ⑪ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (MINIMUM FLAG DEPTH SHALL BE 9")
- ⑫ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (MINIMUM FLAG DEPTH SHALL BE 9")
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑭ SUB-BASE GRANULAR MATERIAL, TYPE B 2"
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑯ TOPSOIL EXCAVATION AND PLACEMENT - 8" DEPTH
- ⑰ SODDING, SALT TOLERANT (SEE LANDSCAPING PLANS)
- ⑱ CLASS D PATCHES - 3" (AS DETERMINED BY THE ENGINEER)
- ⑲ CLASS D PATCHES - 12" (SPECIAL) (AS DETERMINED BY THE ENGINEER)

GEOTECH NOTES:

1. THE THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEN-AXLE TRUCK
2. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) 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 CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
3. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

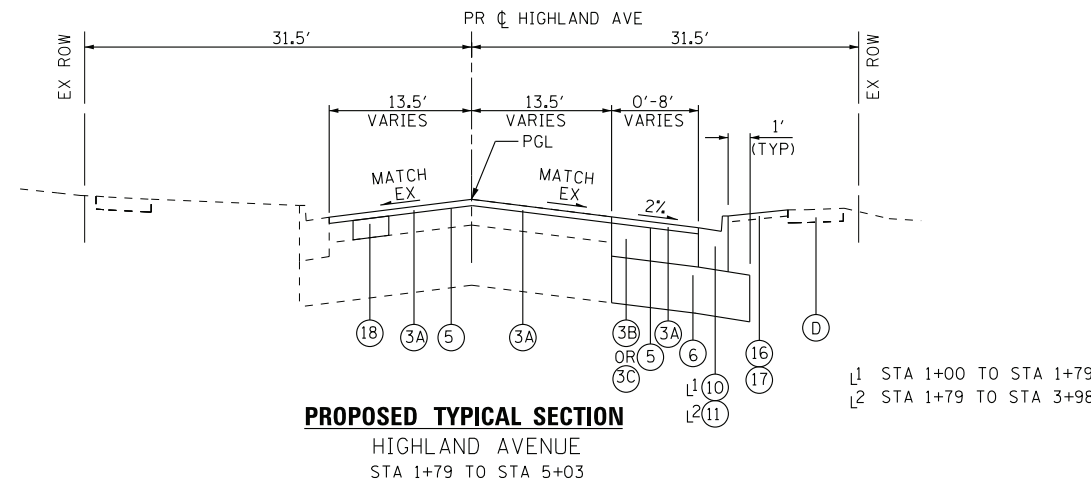


PROPOSED TYPICAL SECTION
DUNDEE ROAD
STA 45+40 TO STA 49+24

① STA 48+00 TO STA 50+66

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMNT PROGRAM (QMP)
PAVEMENT RESURFACING - HIGHLAND AVENUE & DUNDEE ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N70 - 2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
DUNDEE ROAD (PAVEMENT WIDENING ≤ 6 FT)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), N70 - 7"	4% @ 70 Gyr.	QC/QA
DUNDEE ROAD (PAVEMENT WIDENING > 6 FT)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), N70 - 7"	4% @ 70 Gyr.	QC/QA
DUNDEE ROAD AT WOLF ROAD (PAVEMENT RECONSTRUCTION)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N70 - 7"	4% @ 70 Gyr.	QC/QA
HIGHLAND AVENUE (PAVEMENT WIDENING ≤ 6 FT)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N70 - 2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), N70 - 5"	4% @ 70 Gyr.	QC/QA
HIGHLAND AVENUE (PAVEMENT WIDENING > 6 FT)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N70 - 2"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N70 - 5"	4% @ 70 Gyr.	QC/QA
HMA DRIVEWAYS, 8" & 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N50 - 2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); PE-6", CE-8"	4% @ 50 Gyr.	QC/QA
HMA MEDIAN SURFACE 4"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N50 - 1 1/2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2"	4% @ 50 Gyr.	QC/QA
HMA DRIVEWAYS, 4" - PARKING LOT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N50 - 1 1/2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0) - 2 1/2"	4% @ 50 Gyr.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm) - 3"	4% @ 70 Gyr.	QC/QA
CLASS D PATCH, 12" (SPECIAL)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N70 - 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 10"	4% @ 70 Gyr.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N70 - 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6"	4% @ 70 Gyr.	QC/QA
QMP Designations: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PPF)		



PROPOSED TYPICAL SECTION
HIGHLAND AVENUE
STA 1+79 TO STA 3+98

① STA 1+00 TO STA 1+79
② STA 1+79 TO STA 3+98

HOT-MIX ASPHALT REQUIREMENT NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE SURFACE QUANTITIES IS 112 LBS/SQ YD/IN.
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 DISTRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
4. NOTE IF THE CONTRACTOR CHOOSES TO USE CONCRETE FOR TEMPORARY PAVEMENT, THE PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
5. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
6. CONTRACTOR SHALL MILL SURFACE BEFORE PATCHING HMA PAVEMENT.
7. ALL TEMPORARY PAVMENT SHALL BE PROVIDED OVER AN SUBBASE GRANULAR MATERIAL TYPE B, 4 INCHES.

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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Typical.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	27
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	

PARKING LOT SCHEDULE										
STATION	OFFSET	TYPE	DRIVEWAY PAVEMENT REMOVAL SQ YD	AGGREGATE BASE COURSE TYPE B, 4" SQ YD	AGGREGATE BASE COURSE, TYPE B 6" SQ YD	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" SQ YD	CURB REMOVAL FOOT	COMBINATION CURB AND GUTTER REMOVAL FOOT	CONCRETE CURB, TYPE B FOOT	COMBINATION CURB AND GUTTER, TYPE B-6.24 FOOT
182+12	LT	HMA	350	60	311	311	135	120	97	176
TOTALS			350	60	311	311	135	120	97	176

MEDIAN SCHEDULE									
STATION	STATION	LENGTH	WIDTH	SUBBASE GRANULAR MATERIAL, TYPE B 4" SQ YD	CLASS D PATCHES, TYPE II, 12 INCH (SPECIAL) SQ YD	HOT-MIX ASPHALT BASE COURSE, 5 INCH SQ YD	HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH SQ FT	CONCRETE MEDIAN SURFACE, 4 INCH SQ FT	MEDIAN REMOVAL SQ FT
118+00	125+21	721	13'	1263		1009	9081		9350
193+76	196+10	234	Varies						2140
196+10	198+75	265	Varies	217	118		1952		2411
198+75	200+59	184	0.84	18	82			155	552
TOTALS				1498	200	1009	11033	155	14453

SIDEWALK SCHEDULE							
STA.	TO STA.	OFFSET	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH SQ FT	SIDEWALK REMOVAL SQ FT	DETECTABLE WARNINGS SQ FT	SUB-BASE GRANULAR MATERIAL, TYPE B 2" SQ YD
124+94	129+47	RT	2,370		2,225	22	264
127+88	133+85	LT	2,510	460	2,465	10	330
129+96	137+47	RT	3,095	670	2,950	41	419
134+18	140+04	LT	2,260	740	2,570	20	334
137+76	150+23	RT	5,770	495	6,130	70	697
140+37	163+54	LT	11,280	405	11,640	70	1,299
150+56	163+77	RT	5,845	885	6,425	57	748
163+54	163+72	LT	2,290		2,400	118	255
164+34	166+85	LT	1,790	120	2,080	33	213
164+35	180+37	RT	6,275	1,970	2,210	60	917
168+13	171+28	LT	1,600		1,325	20	178
171+57	175+45	LT	1,930		1,650	20	215
191+46	191+71	RT	85		280	27	10
180+92	191+07	RT	2,644	895	1,120		394
187+39	191+70	LT	2,240		2,315	20	249
192+00	195+47	RT	355		1,095	30	40
192+02	196+11	LT	2,150		2,180	50	239
301+13	303+73	LT	260	230	490	40	55
SUB TOTAL			54,749	6,870	51,550	708	6,856
175+76	180+44	LT	2,185	315	2,760	20	278
180+86	187+09	LT	3,705	800	3,005	25	501
SUB TOTAL			5,890	1,115	5,765	45	779
TOTALS			60,639	7,985	57,315	753	7,635

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	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_Schedule.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	28
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRIVEWAY SCHEDULE

STATION	OFFSET	TYPE	DRIVEWAY PAVEMENT REMOVAL SQ YD	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" SQ YD	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" SQ YD	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH SQ YD	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH SQ YD	CURB REMOVAL FOOT	COMBINATION CURB AND GUTTER REMOVAL FOOT	CONCRETE CURB, TYPE B FOOT	COMBINATION CURB AND GUTTER, TYPE B-6.12 FOOT	AGGREGATE BASE COURSE, TYPE B, 4" SQ YD	TEMPORARY ACCESS (PRIVATE ENTRANCE) EACH	TEMPORARY ACCESS (COMMERCIAL ENTRANCE) EACH
125+97	LT	HMA	20	33									1	
127+96	LT	HMA	49	60									1	
130+23	LT	HMA	86	67									1	
131+39	LT	HMA	95	65									1	
131+79	RT	HMA	168	123									1	
132+21	LT	HMA	71	60									1	
132+45	RT	HMA	52	57									1	
132+74	LT	HMA	61	62									1	
133+48	RT	HMA	90	76									1	
134+51	RT	HMA	57	54				26					1	
134+94	LT	HMA	69	50									1	
135+19	LT	HMA	58	48									1	
135+21	RT	HMA	75	93									1	
135+84	RT	HMA	47	45									1	
136+17	LT	HMA	134	109									1	
137+05	LT	HMA	48	58									1	
137+66	LT	HMA	124	105									1	
138+22	LT	HMA	65	54									1	
138+68	RT	HMA	57	41									1	
139+06	LT	HMA	59	53									1	
139+36	RT	HMA	91	95									1	
142+50	LT	HMA	130		99				387		164	28		1
142+93	RT	HMA	94		66									1
145+99	RT	PCC	191						77					1
151+71	RT	HMA	49	40									1	
152+73	RT	HMA	81	69									1	
153+84	RT	HMA	61	60									1	
154+47	RT	HMA	56	43									1	
154+94	RT	HMA	38	42									1	
155+51	RT	HMA	42	41									1	
155+74	RT	HMA	52	47									1	
156+21	RT	HMA	53	46									1	
156+46	RT	HMA	58	56									1	
157+04	LT	HMA	55	56									1	
158+28	LT	HMA	91		57					48		6		1
159+30	RT	HMA	52	38									1	
160+64	RT	HMA	40	37							18	3	1	
161+45	LT	HMA	32		37			43		37		5		1
162+00	LT	PCC	62				61	47		37		5		1
162+13	RT	PCC	94				60		72		34	6		1
165+49	RT	PCC	46				40		51		32	6		1
166+17	LT	PCC	48				43		53		34	6		1
166+22	RT	PCC	64				50	59		48		6		1
166+68	RT	HMA	191		50			95		135		15		1
168+99	RT	HMA	381		87			223		450		50		1
171+31	RT	HMA	318		71			206		208		24		1
172+39	RT	HMA	236		74			150		114		13		1
172+97	RT	HMA	173		94			26		54		6		1
173+39	RT	HMA	148		80					50		6		1
177+66	RT	HMA	44	26									1	
178+22	LT	HMA	16	37									1	
178+47	LT	HMA	17	39									1	
178+72	RT	HMA	150	38									1	
179+25	LT	GRAVEL	13	37									1	
179+26	RT	PCC	132			27							1	
179+81	LT	HMA	53		46									1
182+16	LT	PCC	53				16							1
182+69	LT	PCC	53				16							1
182+88	RT	HMA	76		42									1
183+16	LT	PCC	40			6							1	
183+41	RT	HMA	43	33									1	
183+73	LT	PCC	39			13							1	
185+01	RT	HMA	115		92									1
186+12	RT	HMA	82		51									1
187+49	RT	HMA	156		92				17					1
189+51	RT	HMA	154		90				16					1
193+69	RT	HMA	108		96				84		58	10		1
195+13	RT	PCC	78				137		62		65	11		1
46+07	RT	PCC	68					58		37		5		1
47+33	RT	PCC	89					59	148		83	14		1
301+35	LT	PCC	40			44							1	
TOTALS			6,131	2,193	1,224	90	423	992	967	1,218	488	225	43	28

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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Schedule.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	29
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

TREE SCHEDULE

STATION	SIDE	Tree Diameter	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	TREE, GYMNOCLADUS DIOICUS ESPRESSO-KENTUCKY COFFEE TREE, 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, METASEQUOIA S (DAWN REDWOOD), 2" CALIPER, BALLED AND BURLAPPED	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, PHELLODENDRON SACHALINENSE 'HIS MAJESTY' (HIS MAJESTY CORKTREE), 2" CALIPER, BALLED AND BURLAPPED	
UNIT	UNIT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
WOLF ROAD																				
127+33	RT	12			1			1												
128+25	RT																		1	
128+75	RT									1										
129+15	LT	14						1												
129+24	LT	18						1												
130+32	LT	12				1		1												
130+72	LT	12						1												
130+82	LT	12						1												
130+99	RT																			1
131+20	LT	24				1		1												
131+39	RT	24				1		1												
131+61	LT	12				1		1												
132+00	LT	36	36																	
132+53	LT	18	18																	
132+74	RT	36			1		1	1												
133+17	RT	16			1		1	1												
133+23	LT	24			1		1	1												
133+50	LT	24			1		1	1												
133+75	RT																		1	
134+28	RT	30			1		1	1												
134+43	LT	20	20																	
134+72	LT	24			1		1	1												
134+88	RT	26			1		1	1												
135+06	LT	20			1		1	1												
135+43	LT	28			1		1	1												
135+51	RT	30			1		1	1												
135+75	LT	28			1		1	1												
136+15	RT	18			1		1	1												
136+80	LT	22			1		1	1												
136+90	RT	20			1		1	1												
137+26	LT	12	12																	
137+97	LT	24	24																	
138+43	LT	36			1		1	1												
138+45	RT									1										
139+00	RT	38	38																	
139+28	LT	2-18			1		1	1												
139+79	RT	18			1		1	1												
141+01	LT	20			1		1	1												
141+03	RT	24	24																	
141+05	RT																			
141+60	RT	20	20																	
141+64	LT	20			1		1	1												
141+70	RT															1				
142+30	RT														1					
142+79	RT	24			1		1	1							1					
143+39	LT	24			1		1	1												
143+42	RT	18	18																	
144+03	RT	24	24																	
144+05	LT	24			1		1	1												
144+58	LT	20			1		1	1												
144+64	RT	38	38																	
145+17	LT	16			1		1	1												
146+94	LT	18			1		1	1												
147+11	RT	20			1		1	1												
147+59	LT	18			1		1	1												
147+71	RT	16			1		1	1												
148+15	LT	20	20																	
148+31	RT	20			1		1	1												
148+74	LT	26			1		1	1												
148+96	RT	24			1		1	1												
149+46	LT	24			1		1	1												
149+70	RT	24	24																	
150+04	LT	24	24																	
150+53	RT	30			1		1	1												
150+60	LT	24			1		1	1												
151+20	LT	26			1		1	1												
151+32	RT																			1
152+54	RT	18			1		1	1												
153+00	LT																			
153+40	RT	18	18										1							

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DATE - 1-10-20	FILE - D160T05-SHT_Schedule.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	30
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

TREE SCHEDULE

STATION	SIDE	Tree Diameter	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	TREE, GYMNOCLADUS DIOICUS ESPRESSO-KENTUCKY COFFEE TREE, 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, METASEQUOIA S (DAWN REDWOOD), 2" CALIPER, BALLED AND BURLAPPED	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, PHELLODENDRON SACHALINENSE 'HIS MAJESTY' (HIS MAJESTY CORKTREE), 2" CALIPER, BALLED AND BURLAPPED
			UNIT	UNIT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
WOLF ROAD																			
153+69	RT	16			1	1		1											
153+81	LT	18			1			1											
154+62	LT	15			1			1											
155+01	LT	36			1			1											
155+54	LT	24			1			1											
155+86	RT	3-5			1	1		1											
156+05	RT	12	12																
156+10	LT	29			1			1											
157+46	RT	30			1			1											
157+76	RT	15	15																
157+95	RT																	1	
158+13	RT	15	15																
158+48	RT	15			1			1											
158+69	LT												1						
159+39	LT													1					
159+42	RT	5			1	1	1												
159+65	RT	12	12																
159+86	RT	13	13																
160+08	RT	10	10																
160+30	RT	4																	
160+50	LT	36			1			1											
160+54	RT	24			1	1		1											
160+98	LT								1										
161+18	RT	8	8																
161+65	RT	8			1			1											
162+64	RT	6			1	1	1												
162+82	LT								1										
162+87	RT	7			1	1	1												
164+79	RT	6			1	1	1												
165+36	LT	12			1	1		1											
165+62	LT	15			1	1		1											
165+72	RT	8			1	1		1											
166+42	RT	8			1			1											
167+42	RT											1							
167+56	LT	14	14																
168+22	RT											1							
168+95	LT													1					
169+75	LT													1					
170+47	LT													1					
173+27	LT								1										
173+89	LT																1		
174+41	LT	36			1			1											
174+68	RT																	1	
175+26	RT															1			
176+50	RT																	1	
178+33	LT	15	15																
178+35	LT	12			1	1		1											
178+82	LT	26			1	1		1											
178+89	LT								1										
180+23	RT	24			1			1											
181+59	RT										1								
181+86	LT	20			1	1		1											
183+03	LT	15	15																
183+07	RT	26		26															
183+27	RT	20		20															
183+94	RT	18			1			1											
183+96	RT	12			1			1											
183+98	RT	6	6																
184+03	RT	14			1			1											
184+55	RT											1							
185+31	RT	6	6																
186+26	LT																	1	
186+66	RT	4			1		1												
187+20	RT																		
187+46	LT	13			1			1											
187+68	LT	26			1	1		1											
187+70	RT	2-2																	
188+08	RT	12			1			1											
188+29	LT																		
188+52	RT	2										1							

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DATE - 1-10-20	FILE - D160T05-SHT_Schedule.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	31
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

TREE SCHEDULE

STATION	SIDE	Tree Diameter	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	TREE, GYMNOCLADUS DIOICUS ESPRESSO-KENTUCKY COFFEE TREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, METASEQUOIA GLYPTOSTROBILOIDES (DAWN REDWOOD), 2" CALIPER, BALLED AND BURLAPPED	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, BALLED AND BURLAPPED	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	TREE, PHELLODENDRON SACHALINENSE 'HIS MAJESTY' (HIS MAJESTY CORKTREE), 2" CALIPER, BALLED AND BURLAPPED
			UNIT	UNIT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
WOLF ROAD																			
188+96	RT	4-4																	
189+01	RT																		1
189+15	LT	10			1		1												
189+22	RT	8	8																
189+53	LT	10			1		1												
189+90	LT	8	8																
190+35	LT	12			1			1											
190+85	RT	1			1														
190+92	LT										1								
191+02	RT	3			1			1											
191+10	RT	2			1			1											
191+22	RT	2			1			1											
191+30	RT	2			1			1											
191+35	RT	2			1			1											
191+46	RT	2			1			1											
191+49	LT	4-4																	
192+26	RT	3			1			1											
192+37	RT	2			1			1											
192+45	RT	2			1			1											
192+52	RT	2			1			1											
192+52	LT																1		
192+65	RT	6			1			1											
192+72	RT	8			1			1											
192+95	LT											1							
193+02	RT	3			1			1											
193+08	RT	8			1			1											
193+16	RT	4			1			1											
193+28	RT	4			1			1											
193+34	RT	5			1			1											
193+43	RT	6-2			1				1										
194+06	RT	4			1			1											
194+16	RT	4			1			1											
194+24	RT	4			1			1											
194+42	RT	4			1			1											
194+51	RT	4			1			1											
194+60	RT	4			1			1											
195+06	LT	8			1			1											
195+22	LT	10			1			1											
DUNDEE ROAD																			
48+52	RT	15	15																
TOTALS			184	392	107	31	36	71	3	3	4	4	2	4	3	2	3	4	3

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	32
FED. ROAD DIST. NO.			CONTRACT NO. 60T05	
ILLINOIS			FED. AID PROJECT	

EARTHWORK																
	TOPSOIL															
	A	B	HIDE	HIDE	C	D	E= B-C-D	F= A+E	G	HIDE	HIDE	H	I	J= (G-H+I)* 0.85	K	L= J-K
LOCATION	UNDERCUT	TOPSOIL EXCAVATION	MANAGED WASTE CAN REUSE ON SITE	MANAGED WASTE NO REUSE	NON-SPECIAL WASTE DISPOSAL	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	MANAGED WASTE CAN REUSE ON SITE	MANAGED WASTE NO REUSE	NON-SPECIAL WASTE DISPOSAL	UTILITY EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
PRE-STAGE 1	-	2,404	1,400	360	1,082	678	644	644	1,316	770	200	200	615	1,472	1,637	-165
STAGE 1 (INCLUDES DUNDEE ROAD)	405	2,524	2,050	-	1,232	818	474	879	7,249	5,930	-	4,396	1,230	3,471	1,534	1,937
STAGE 2 (INCLUDES HIGHLAND AVENUE)	97	3,198	1,900	500	500	2,572	126	223	4,152	2,480	653	880	1,230	3,827	2,253	1,574
STAGE 3	-	3,072	2,520	-	-	2,903	169	169	1,721	1,400	-	-		1,463	1,761	-298
TOTAL	502	11,198	7,870	860	2,814	6,971	1,413	1,915	14,438	10,580	853	5,476	3,075	10,233	7,185	

Column A - Additional cut material that is determined to be either unstable or unsuitable for use in embankment (See Undercut Schedule for locations).
Column B - Topsoil removal quantity from cross sections (topsoil removed at 12" depth).
Column C - Volume of non-special waste identified within the topsoil. See special provision for REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES for locations.
Column D - Topsoil required for final condition (topsoil installed at 8" depth).
Column E - Topsoil balance after removing non-special waste.
Column F - Cut material that is determined to be either unstable or unsuitable for use in embankment.
Column G - Cut quantity from cross sections.
Column H - Volume of non-special waste identified within the cut quantities from the cross sections. See special provision for REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES for locations.
Column I - Cut quantities required for the installation of utilities.
Column J - Cut quantities that are acceptable for use in embankment multiplied by a shrinkage factor.
Column K - Fill quantities from cross sections.
Column L - Off-site material needed or material waste.

UNDERCUT SCHEDULE				
STA.	TO STA.	OFFSET	DEPTH INCH	VOLUME CU YD
STAGE 1				
139+00	139+75	LT	6	38.4
141+25	141+75	LT	6	23.8
142+95	143+05	LT	6	4.8
147+00	148+00	LT	6	47.6
150+45	150+55	LT	6	4.9
164+81	180+00	LT	6	192.9
186+70	186+80	LT	6	87.5
187+95	188+05	LT	6	4.8
STAGE 1 TOTAL				405
STAGE 2				
130+95	131+05	RT	6	3.2
142+95	143+05	RT	6	4.1
149+20	149+30	RT	6	3.2
156+50	158+00	RT	6	48.7
186+95	188+05	RT	6	34.5
187+95	188+05	RT	6	3.1
STAGE 2 TOTAL				97

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BAXTER & WOODMAN <small>consulting engineers</small>	DESIGNED - AMW	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

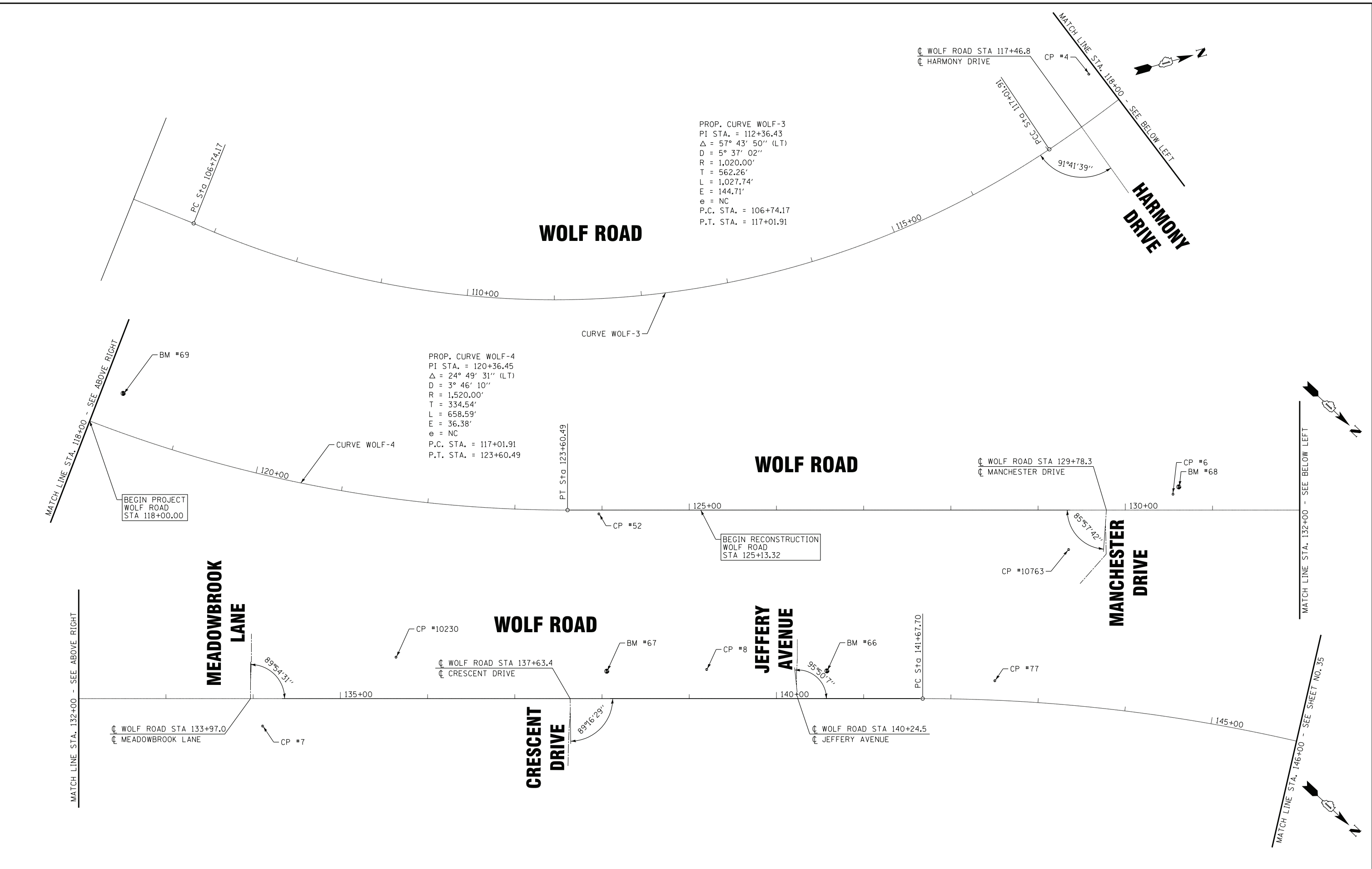
SCHEDULE OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	33
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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PROP. CURVE WOLF-3
 PI STA. = 112+36.43
 $\Delta = 57^\circ 43' 50''$ (LT)
 $D = 5^\circ 37' 02''$
 $R = 1,020.00'$
 $T = 562.26'$
 $L = 1,027.74'$
 $E = 144.71'$
 $e = NC$
 P.C. STA. = 106+74.17
 P.T. STA. = 117+01.91

PROP. CURVE WOLF-4
 PI STA. = 120+36.45
 $\Delta = 24^\circ 49' 31''$ (LT)
 $D = 3^\circ 46' 10''$
 $R = 1,520.00'$
 $T = 334.54'$
 $L = 658.59'$
 $E = 36.38'$
 $e = NC$
 P.C. STA. = 117+01.91
 P.T. STA. = 123+60.49

BAXTER & WOODMAN <small>consulting engineers</small>	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_ATB2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS	
WOLF ROAD	
SCALE: 1" = 50'	STA. 106+00 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

PROP. CURVE WOLF-5
 PI STA. = 148+87.64
 $\Delta = 41^\circ 18' 23''$ (RT)
 D = $2^\circ 59' 59''$
 R = 1,910.00'
 T = 719.94'
 L = 1,376.97'
 E = 131.18'
 e = NC
 P.C. STA. = 141+67.70
 P.T. STA. = 155+44.67

CL WOLF ROAD STA 150+53.63
 CL HIGHLAND AVENUE STA 1+00

CURVE WOLF-5
 CP #76
 BM #65

WOLF ROAD

HIGHLAND AVENUE

CL WOLF ROAD STA 164+04.2
 CL DUNDEE ROAD STA 50+00.0

CP #11
 CP #51
 BM #63

6TH STREET

GLENDALE STREET

WOLF ROAD

CL WOLF ROAD STA 167+97.8
 CL 6TH STREET

CL WOLF ROAD STA 171+41.9
 CL GLENDALE STREET

PROP. CURVE WOLF-6
 PI STA. = 185+69.68
 $\Delta = 6^\circ 19' 51''$ (RT)
 D = $0^\circ 21' 50''$
 R = 15,749.97'
 T = 871.02'
 L = 1,740.27'
 E = 24.07'
 e = NC
 P.C. STA. = 176+98.66
 P.T. STA. = 194+38.93

CL WOLF ROAD STA 180+62.5
 CL STRONG STREET STA 300+00

CP #14
 BM #60

WOLF ROAD

CAPRI TERRACE

STRONG AVENUE

MAYER AVENUE

CL WOLF ROAD STA 175+57.4
 CL CAPRI TERRACE

CL WOLF ROAD STA 187+25.2
 CL MAYER AVENUE

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BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_ATB3.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 WOLF ROAD**

SCALE: 1" = 50'	STA. 146+00 TO STA. 188+00	F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 35
		FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 60T05		

MATCH LINE STA. 146+00 - SEE SHEET NO. 34

MATCH LINE STA. 160+00 - SEE ABOVE RIGHT

MATCH LINE STA. 174+00 - SEE ABOVE RIGHT

MATCH LINE STA. 160+00 - SEE BELOW LEFT

MATCH LINE STA. 174+00 - SEE BELOW LEFT

MATCH LINE STA. 188+00 - SEE SHEET NO. 36

MATCH LINE STA. 188+00 - SEE SHEET NO. 35

BM #57

190+00

LEGACY LANE

90°18'44"

MEYERSON WAY

CP #17

☐ WOLF ROAD STA 191+84.4
☐ MEYERSON WAY

PT Sta 194+38.93

WOLF ROAD

83°39'20"

PICARDY LANE

CP #18

BM #56

END RECONSTRUCTION
WOLF ROAD
STA 196+33.00

☐ WOLF ROAD STA 195+83.6
☐ PICARDY LANE

☐ WOLF ROAD STA 198+56.96
☐ PRAIRIE PARK DRIVE

PROP. CURVE WOLF-7
PI STA. = 200+54.18
Δ = 62° 28' 39" (RT)
D = 19° 25' 20"
R = 295.00'
T = 178.93'
L = 321.68'
E = 50.02'
e = NC
P.C. STA. = 198+75.25
P.T. STA. = 201+96.93

PRAIRIE PARK DRIVE

92°18'41"

PC Sta 198+75.25

CURVE WOLF-7

END PROJECT
WOLF ROAD
STA 200+66.82

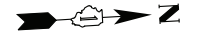
1200+00

☐ WOLF ROAD STA 201+03.8
☐ WOLF COURT

95°41'31"

WOLF COURT

MATCH LINE STA. 202+00 - SEE BELOW LEFT



MATCH LINE STA. 202+00 - SEE ABOVE RIGHT

WOLF ROAD

BM #54

CP #53

POT Sta 206+29.34

MILWAUKEE AVENUE

89°35'56"



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DATE - 1-10-20	FILE - D160T05-SHT_ATB4.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
WOLF ROAD

SCALE: 1" = 50'

STA. 188+00 TO STA. 206+29

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	36
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Beginning chain WOLF description

Point W1 N 1,986,556.31 E 1,099,295.97 Sta 83+56.17

Course from W1 to PC WOLF-1 N 21° 43' 10.45" W Dist 199.10

Curve Data

Curve WOLF-1
P.I. Station = 90+77.31 N 1,987,226.25 E 1,099,029.10
Delta = 30° 34' 23.96" (RT)
Degree = 2° 59' 59.23"
Tangent = 522.04
Length = 1,019.18
Radius = 1,910.00
External = 70.06
Long Chord = 1,007.14
Mid. Ord. = 67.58
P.C. Station = 85+55.27 N 1,986,741.28 E 1,099,222.29
P.T. Station = 95+74.45 N 1,987,742.07 E 1,099,109.45
C.C. = N 1,987,448.10 E 1,100,996.68
Back = N 21° 43' 10.45" W
Ahead = N 8° 51' 13.51" E
Chord Bear = N 6° 25' 58.47" W

Course from PT WOLF-1 to PC WOLF-2 N 8° 51' 13.51" E Dist 607.65

Curve Data

Curve WOLF-2
P.I. Station = 103+27.59 N 1,988,486.24 E 1,099,225.36
Delta = 28° 38' 14.44" (RT)
Degree = 10° 03' 06.88"
Tangent = 145.49
Length = 284.89
Radius = 570.00
External = 18.27
Long Chord = 281.94
Mid. Ord. = 17.71
P.C. Station = 101+82.10 N 1,988,342.48 E 1,099,202.97
P.T. Station = 104+67.00 N 1,988,601.67 E 1,099,313.91
C.C. = N 1,988,254.75 E 1,099,766.18
Back = N 8° 51' 13.51" E
Ahead = N 37° 29' 27.95" E
Chord Bear = N 23° 10' 20.73" E

Course from PT WOLF-2 to PC WOLF-3 N 37° 29' 27.95" E Dist 207.17

Curve Data

Curve WOLF-3
P.I. Station = 112+36.43 N 1,989,199.58 E 1,099,798.05
Delta = 57° 43' 49.84" (LT)
Degree = 5° 37' 02.08"
Tangent = 562.26
Length = 1,027.74
Radius = 1,020.00
External = 144.71
Long Chord = 984.81
Mid. Ord. = 126.73
P.C. Station = 106+74.17 N 1,988,766.05 E 1,099,440.01
P.T. Station = 117+01.91 N 1,989,733.78 E 1,099,622.65
C.C. = N 1,989,415.58 E 1,098,653.56
Back = N 39° 33' 12.12" E
Ahead = N 18° 10' 37.72" W
Chord Bear = N 10° 41' 17.20" E

Curve Data

Curve WOLF-4
P.I. Station = 120+36.45 N 1,990,051.63 E 1,099,518.29
Delta = 24° 49' 30.55" (LT)
Degree = 3° 46' 10.08"
Tangent = 334.54
Length = 658.59
Radius = 1,520.00
External = 36.38
Long Chord = 653.45
Mid. Ord. = 35.53
P.C. Station = 117+01.91 N 1,989,733.78 E 1,099,622.65
P.T. Station = 123+60.49 N 1,990,296.29 E 1,099,290.12
C.C. = N 1,989,259.61 E 1,098,178.51
Back = N 18° 10' 37.72" W
Ahead = N 43° 00' 08.27" W
Chord Bear = N 30° 35' 22.99" W

Course from PT WOLF-4 to PC WOLF-5 N 43° 00' 08.27" W Dist 1,807.21

Curve Data

Curve WOLF-5
P.I. Station = 148+87.64 N 1,992,144.46 E 1,097,566.54
Delta = 41° 18' 22.60" (RT)
Degree = 2° 59' 59.23"
Tangent = 719.94
Length = 1,376.97
Radius = 1,910.00
External = 131.18
Long Chord = 1,347.35
Mid. Ord. = 122.75
P.C. Station = 141+67.70 N 1,991,617.95 E 1,098,057.56
P.T. Station = 155+44.67 N 1,992,864.09 E 1,097,545.23
C.C. = N 1,992,920.62 E 1,099,454.39
Back = N 43° 00' 08.27" W
Ahead = N 1° 41' 45.66" W
Chord Bear = N 22° 20' 56.97" W

Course from PT WOLF-5 to PC WOLF-6 N 1° 41' 45.66" W Dist 2,153.98

Curve Data

Curve WOLF-6
P.I. Station = 185+69.68 N 1,995,887.77 E 1,097,455.70
Delta = 6° 19' 50.96" (RT)
Degree = 0° 21' 49.62"
Tangent = 871.02
Length = 1,740.27
Radius = 15,749.97
External = 24.07
Long Chord = 1,739.39
Mid. Ord. = 24.03
P.C. Station = 176+98.66 N 1,995,017.12 E 1,097,481.48
P.T. Station = 194+38.93 N 1,996,755.94 E 1,097,526.08
C.C. = N 1,995,483.27 E 1,113,224.55
Back = N 1° 41' 45.66" W
Ahead = N 4° 38' 05.29" E
Chord Bear = N 1° 28' 09.81" E

Course from PT WOLF-6 to PC WOLF-7 N 4° 38' 05.29" E Dist 436.32

Curve Data

Curve WOLF-7
P.I. Station = 200+54.18 N 1,997,368.86 E 1,097,579.30
Delta = 62° 28' 39.12" (RT)
Degree = 19° 25' 20.41"
Tangent = 178.93
Length = 321.68
Radius = 295.00
External = 50.02
Long Chord = 305.98
Mid. Ord. = 42.77
P.C. Station = 198+75.25 N 1,997,190.83 E 1,097,561.34
P.T. Station = 201+96.93 N 1,997,435.19 E 1,097,745.48
C.C. = N 1,997,161.21 E 1,097,854.84
Back = N 5° 45' 45.47" E
Ahead = N 68° 14' 24.59" E
Chord Bear = N 37° 00' 05.03" E

Course from PT WOLF-7 to W2 N 68° 14' 24.59" E Dist 432.42

Point W2 N 1,997,595.50 E 1,098,147.09 Sta 206+29.34

Ending chain WOLF description

CONTROL POINTS

- CP #4 N 1989800.576, E 1099551.898, ELEV 641.464 STA 117+90.04, 43.90' LT
- CP #6 N 1990791.570, E 1098803.333, ELEV 641.956 STA 130+54.70, 18.20' LT
- CP #7 N 1991085.844, E 1098596.780, ELEV 641.711 STA 134+10.79, 10.79' RT
- CP #8 N 1991413.988, E 1098202.121, ELEV 641.038 STA 139+19+94, 33.38' LT
- CP #9 N 1992159.750, E 1097659.850, ELEV 640.813 STA 148+35.27, 39.17' RT
- CP #10 N 1992954.398, E 1097517.734, ELEV 641.244 STA 156+35.75, 24.80' LT
- CP #11 N 1993668.217, E 1097551.662, ELEV 646.31 STA 163+48.27, 30.23' RT
- CP #12 N 1994022.903, E 1097480.208, ELEV 645.979 STA 167+04.90, 30.69' LT
- CP #13 N 1994977.879, E 1097509.657, ELEV 647.248 STA 176+58.59, 27.00' RT
- CP #14 N 1995358.384, E 1097442.909, ELEV 648.519 STA 180+40.24, 32.16' LT
- CP #16 N 1996081.299, E 1097509.064, ELEV 645.387 STA 187+63.92, 23.11' RT
- CP #17 N 1996538.795, E 1097469.830, ELEV 645.673 STA 192+18.50, 40.06' LT
- CP #18 N 1996949.112, E 1097501.728, ELEV 645.800 STA 196+29.50, 39.88' LT
- CP #50 N 1997388.891, E 1097620.878, ELEV 646.887 STA 200+73.26, 31.46' LT
- CP #51 N 1993668.022, E 1097553.019, ELEV 646.311 STA 163+48.03, 31.58' RT
- CP #52 N 1990325.498, E 1099268.884, ELEV 642.480 STA 123+96.34, 4.39' RT
- CP #53 N 1997605.781, E 1098046.064, ELEV 647.725 STA 205+39.32, 47.00' LT
- CP #59 N 1995708.164, E 1097459.919, ELEV 647.056 STA 183+89.53, 16.26' LT
- CP #70 N 1994638.043, E 1097524.401, ELEV 645.863 STA 173+18.46, 31.68' RT
- CP #71 N 1993412.138, E 1097550.660, ELEV 645.582 STA 160+92.32, 21.65 RT
- CP #72 N 1993711.659, E 1097180.730, ELEV 646.509 STA 46+60.78, 0.31' RT
- CP #73 N 1993698.872, E 1096778.566, ELEV 647.221 STA 42+58.40, 0.60' LT
- CP #75 N 1993016.624, E 1097521.725, ELEV 642.935 STA 156+97.85, 18.97' LT
- CP #76 N 1992341.429, E 1097663.059, ELEV 640.124 STA 150+03.91, 27.36' RT
- CP #77 N 1991664.426, E 1097986.187, ELEV 642.776 STA 142+49.43, 22.26' LT
- CP #8377 N 1992663.8870, E 1097609.5450, ELEV 639.0400 X
- CP #9068 N 1992007.8230, E 1097828.5570, ELEV 641.1270 X
- CP #10230 N 1991143.8500, E 1098434.7080, ELEV 641.0310 X
- CP #10763 N 1990747.3080, E 1098931.3840, ELEV 642.2240 X

BENCHMARKS

- BM #69 NW FLANGE BOLT ON FIRE HYDRANT ACROSS FROM HARMONY DRIVE ON WEST SIDE OF WOLF ROAD ELEV = 642.563 (NAVD88)
- BM #68 W FLANGE BOLT ON FIRE HYDRANT AT HOUSE 460 ON WEST SIDE OF WOLF ROAD ELEV = 643.569 (NAVD88)
- BM #67 W BONNET BOLT ON FIRE HYDRANT AT HOUSE 372 ON WEST SIDE OF WOLF ROAD ELEV = 643.256 (NAVD88)
- BM #66 NW BONNET BOLT ON FIRE HYDRANT AT NW CORNER OF WOLF ROAD AND JEFFERY AVENUE ELEV = 643.373 (NAVD88)
- BM #65 SE FLANGE BOLT ON FIRE HYDRANT AT SE CORNER OF WOLF ROAD AND HIGHLAND AVENUE ELEV = 641.252 (NAVD88)
- BM #64 NW BONNET BOLT ON FIRE HYDRANT AT HOUSE 147 ON EAST SIDE OF WOLF ROAD ELEV = 642.252 (NAVD88)
- BM #63 MINI RAILROAD SPIKE IN POWER POLE WITH LIGHT AT SE CORNER OF WOLF ROAD AND DUNDEE ROAD ELEV = 648.328 (NAVD88)
- BM #62 SW BONNET BOLT ON FIRE HYDRANT AT NW CORNER OF WOLF ROAD AND GLENDALE STREET ELEV = 646.606 (NAVD88)
- BM #61 NW FLANGE BOLT ON FIRE HYDRANT ON WEST SIDE OF WOLF ROAD SOUTH OF CAPRI TERRACE ELEV = 647.415 (NAVD88)
- BM #60 SW FLANGE BOLT ON FIRE HYDRANT AT S CORNER OF WOLF ROAD AND STRONG AVENUE ELEV = 650.344 (NAVD88)
- BM #58 SW FLANGE BOLT ON FIRE HYDRANT AT S CORNER OF WOLF ROAD AND MAYER AVENUE ELEV = 648.085 (NAVD88)
- BM #57 SW FLANGE BOLT ON FIRE HYDRANT ON WEST SIDE OF WOLF ROAD APPROX 200' SOUTH OF MEYERSON WAY ELEV = 646.703 (NAVD88)
- BM #56 SW FLANGE BOLT ON FIRE HYDRANT AT N CORNER OF WOLF ROAD AND PICARDY LANE ELEV = 646.678 (NAVD88)
- BM #55 W FLANGE BOLT ON FIRE HYDRANT AT N CORNER OF WOLF ROAD AND PRAIRIE PARK DRIVE ELEV = 647.707 (NAVD88)
- BM #54 CHIS SQUARE BOX AT SW CORNER OF RTE 21 AND WOLF ROAD ELEV = 690.648 (NAVD88)

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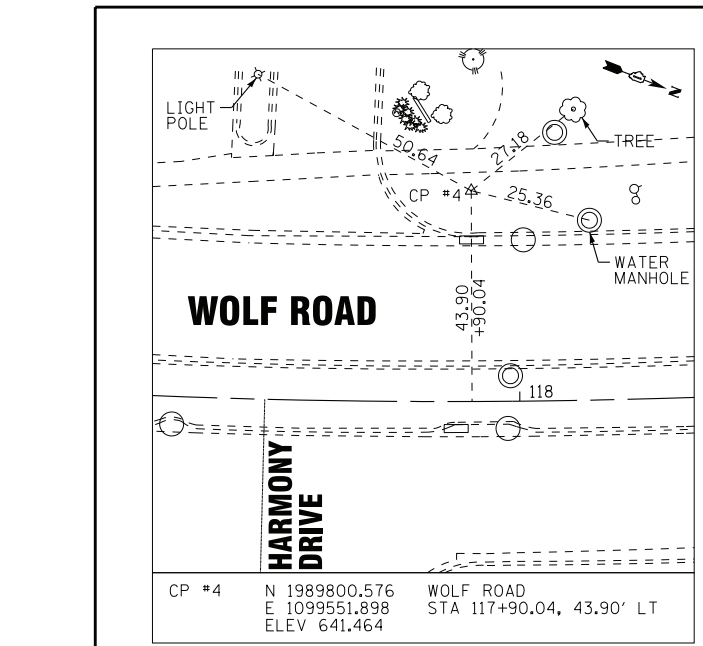
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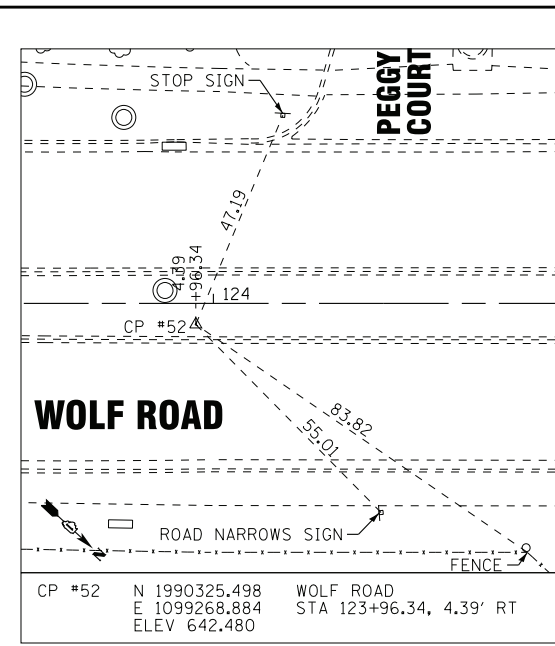
ALIGNMENT, TIES AND BENCHMARKS
WOLF ROAD

SCALE: 1" = 50'
STA. TO STA.

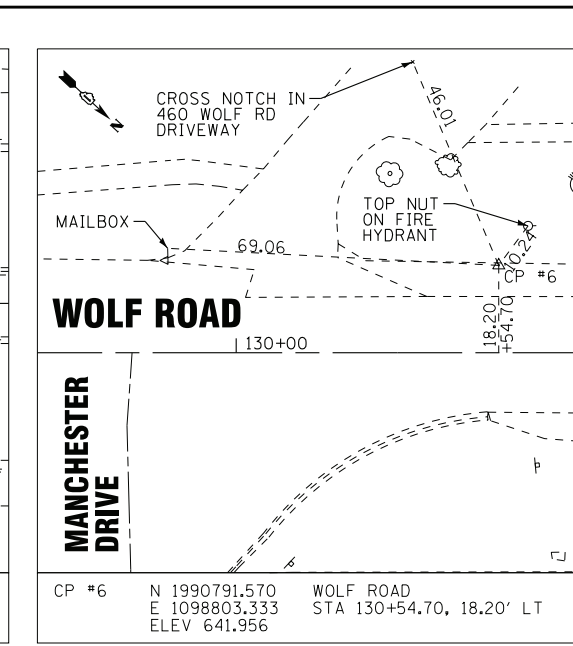
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



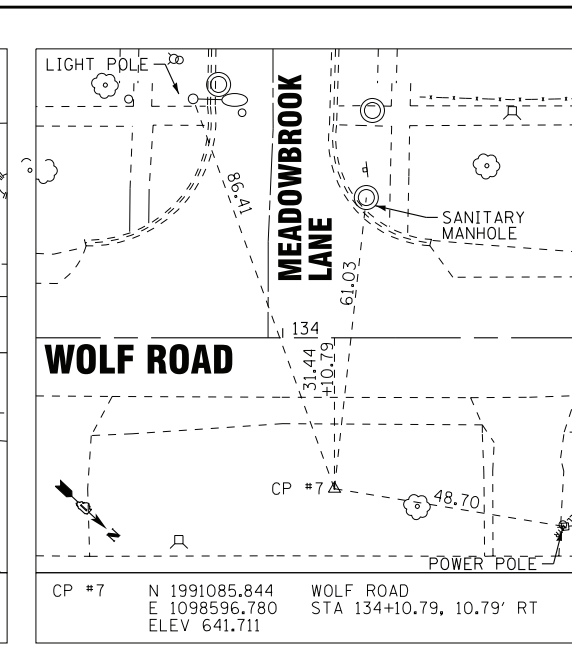
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ELEV 641.464



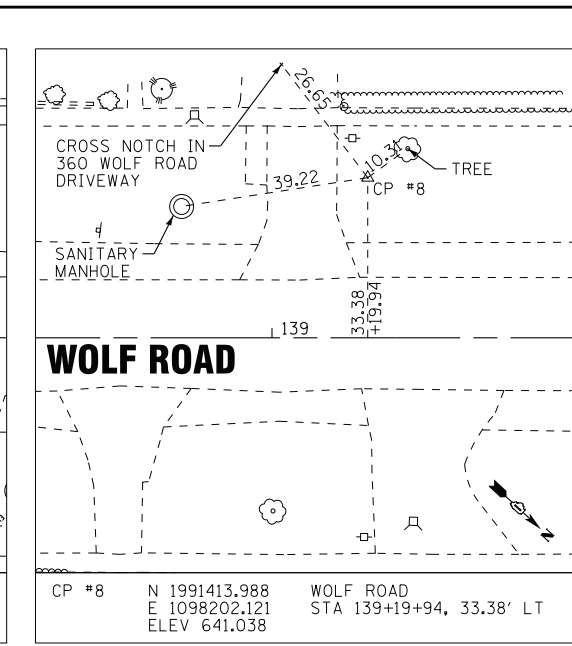
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ELEV 642.480



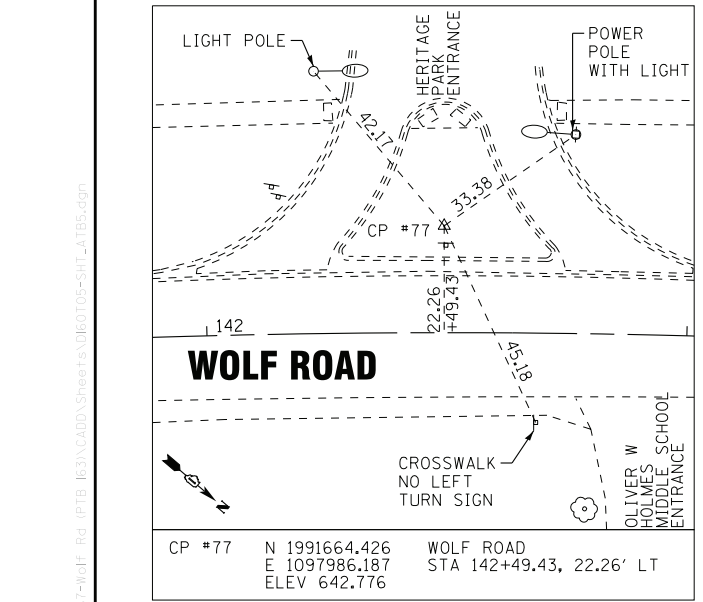
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E 1098803.333 STA 130+54.70, 18.20' LT
ELEV 641.956



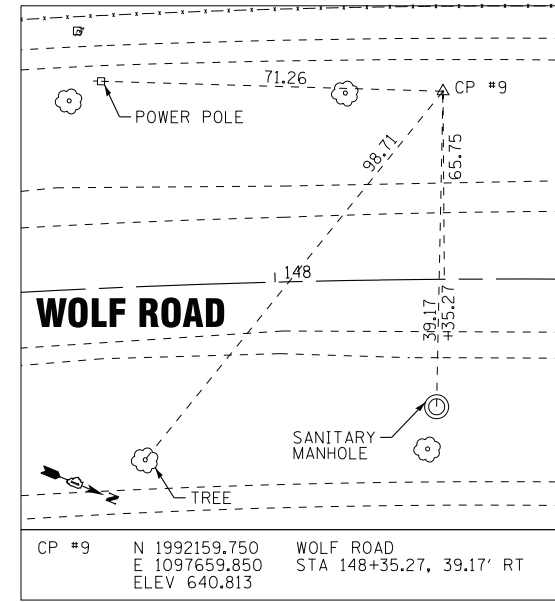
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E 1098596.780 STA 134+10.79, 10.79' RT
ELEV 641.711



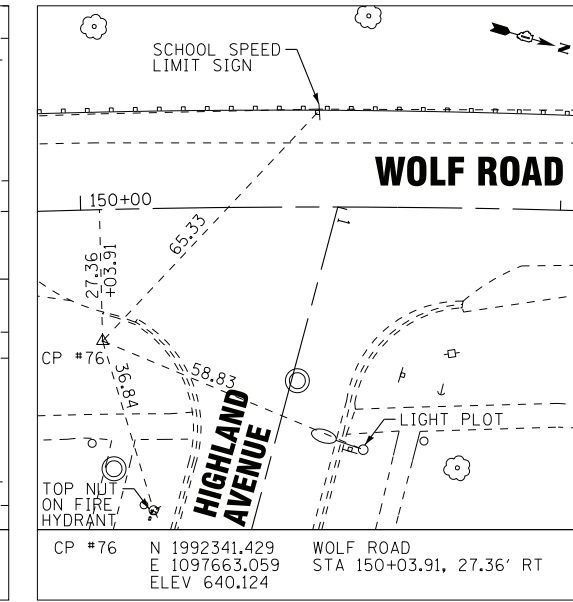
CP #8 N 1991413.988 WOLF ROAD
E 1098202.121 STA 139+19+94, 33.38' LT
ELEV 641.038



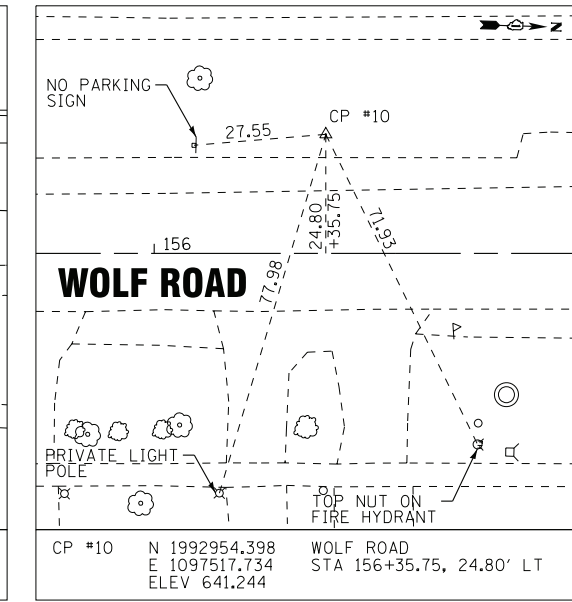
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E 1097986.187 STA 142+49.43, 22.26' LT
ELEV 642.776



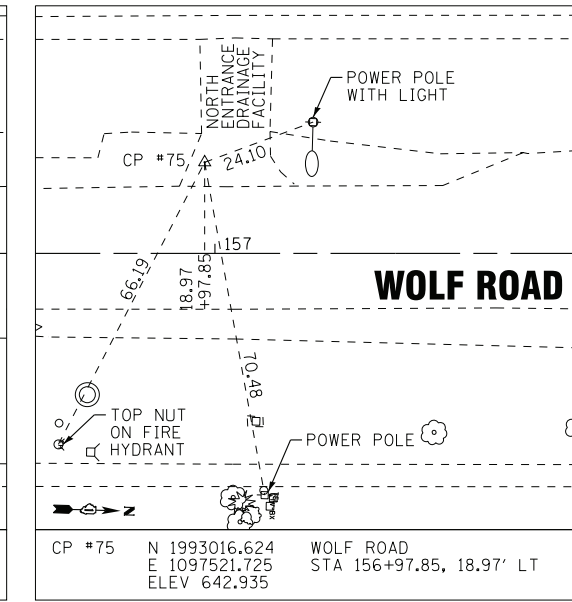
CP #9 N 1992159.750 WOLF ROAD
E 1097659.850 STA 148+35.27, 39.17' RT
ELEV 640.813



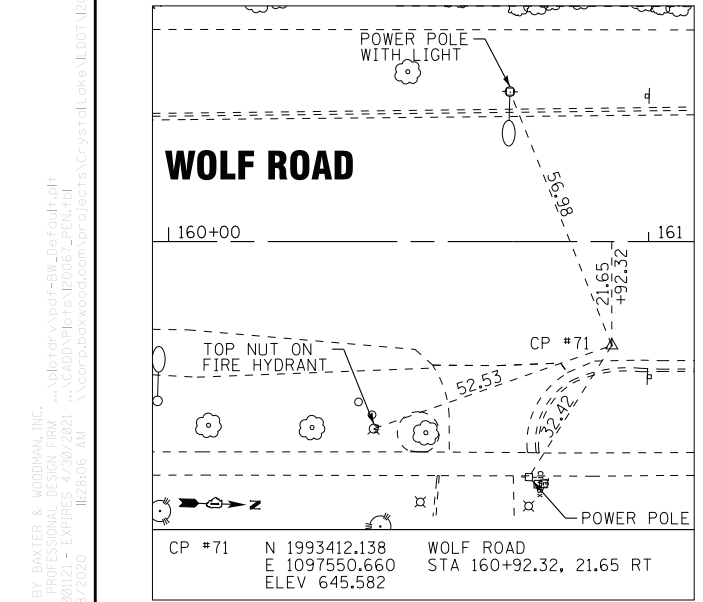
CP #76 N 1992341.429 WOLF ROAD
E 1097663.059 STA 150+03.91, 27.36' RT
ELEV 640.124



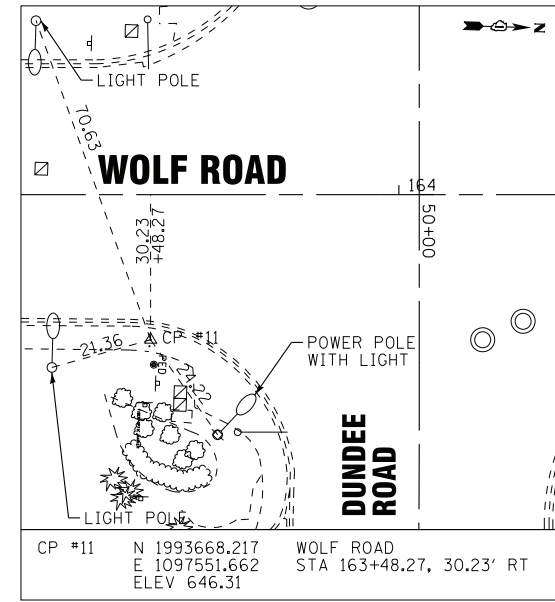
CP #10 N 1992954.398 WOLF ROAD
E 1097517.734 STA 156+35.75, 24.80' LT
ELEV 641.244



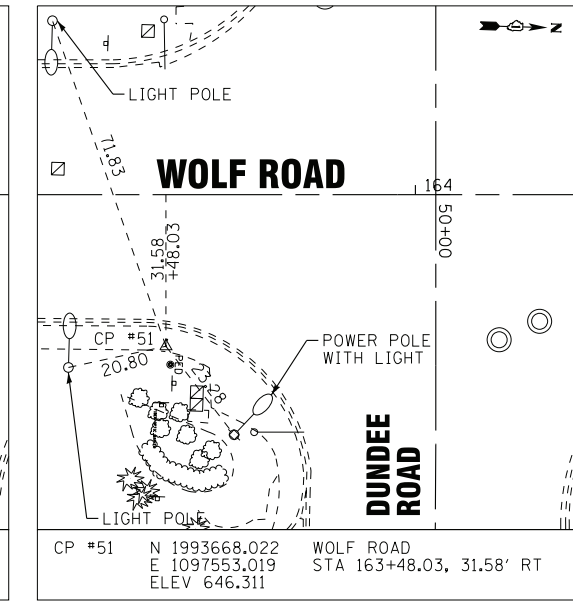
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E 1097521.725 STA 156+97.85, 18.97' LT
ELEV 642.935



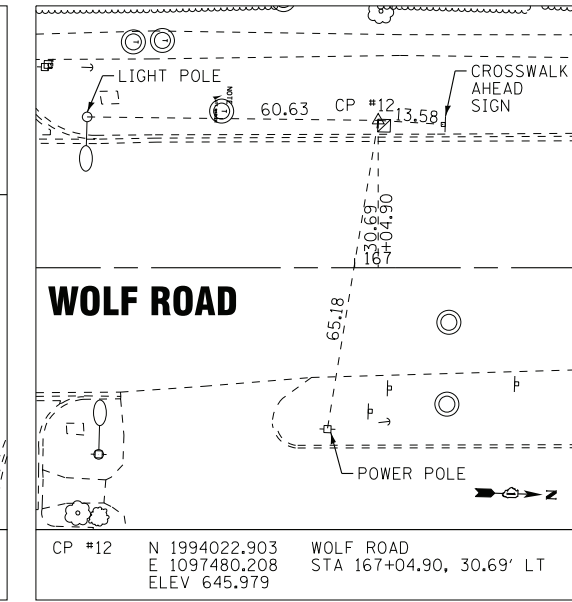
CP #71 N 1993412.138 WOLF ROAD
E 1097550.660 STA 160+92.32, 21.65 RT
ELEV 645.582



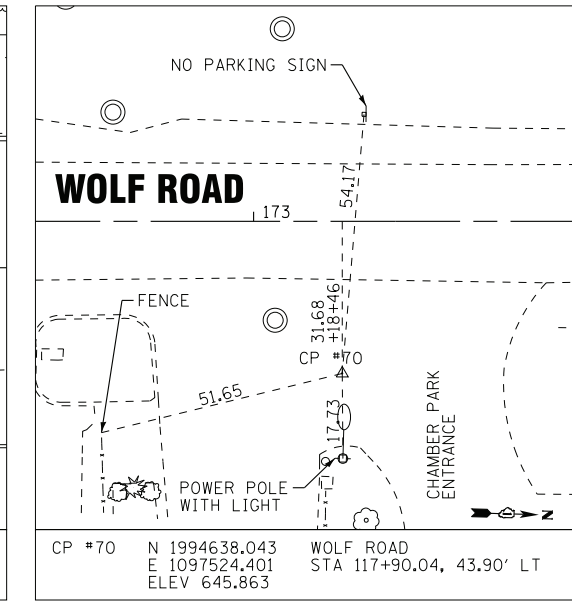
CP #11 N 1993668.217 WOLF ROAD
E 1097551.662 STA 163+48.27, 30.23' RT
ELEV 646.31



CP #51 N 1993668.022 WOLF ROAD
E 1097553.019 STA 163+48.03, 31.58' RT
ELEV 646.311



CP #12 N 1994022.903 WOLF ROAD
E 1097480.208 STA 167+04.90, 30.69' LT
ELEV 645.979



CP #70 N 1994638.043 WOLF ROAD
E 1097524.401 STA 117+90.04, 43.90' LT
ELEV 645.863

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

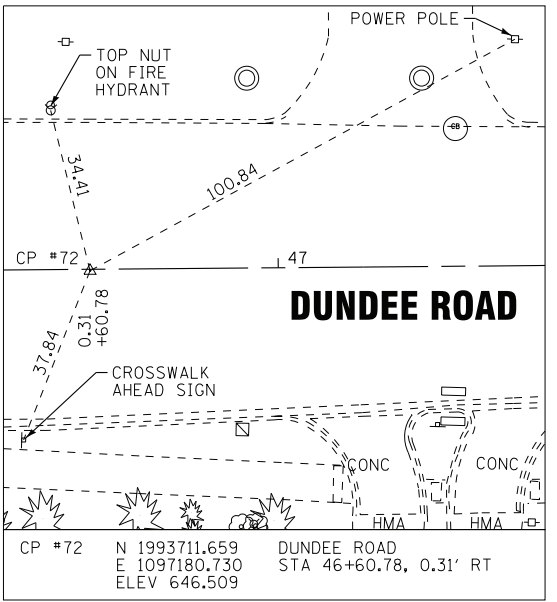
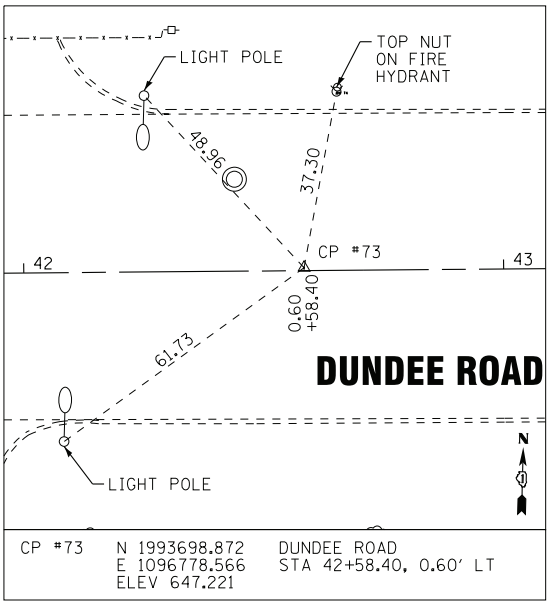
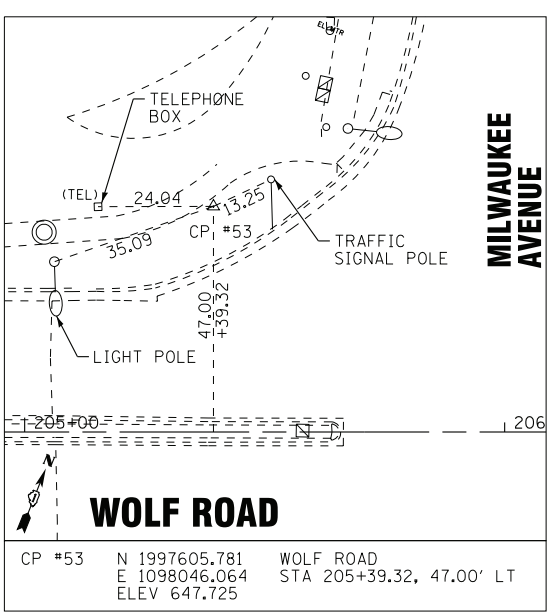
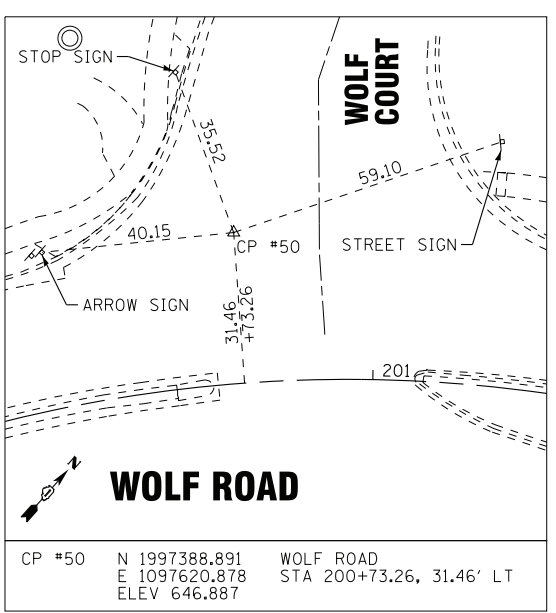
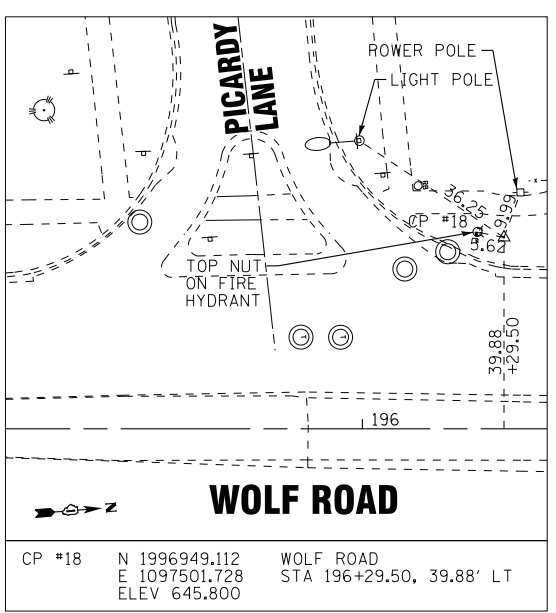
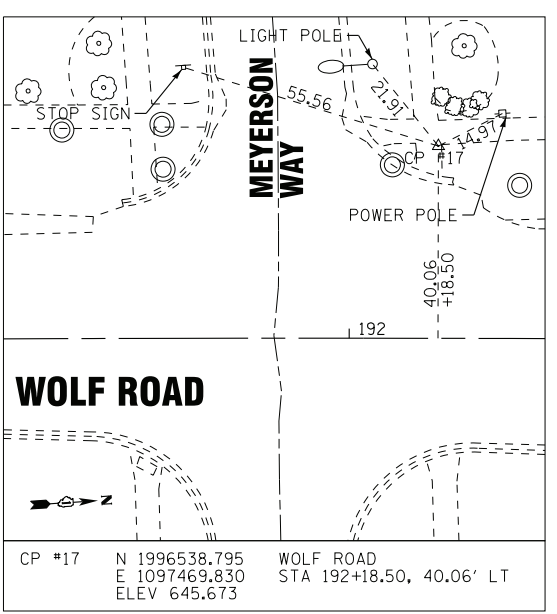
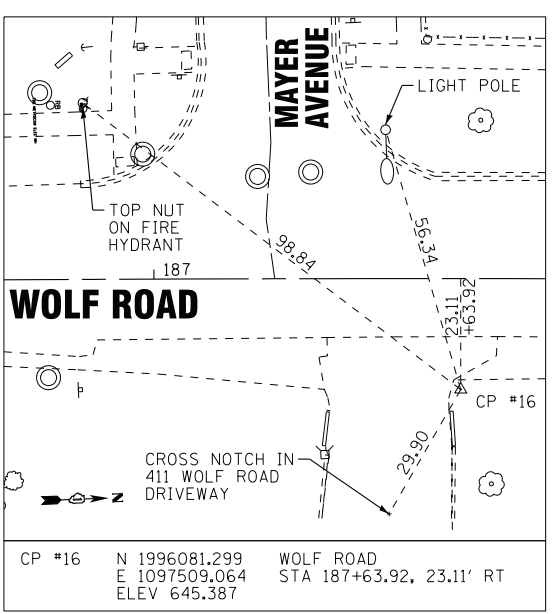
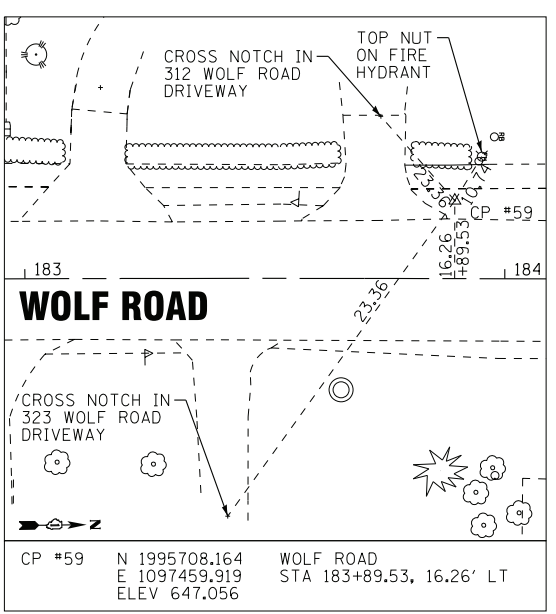
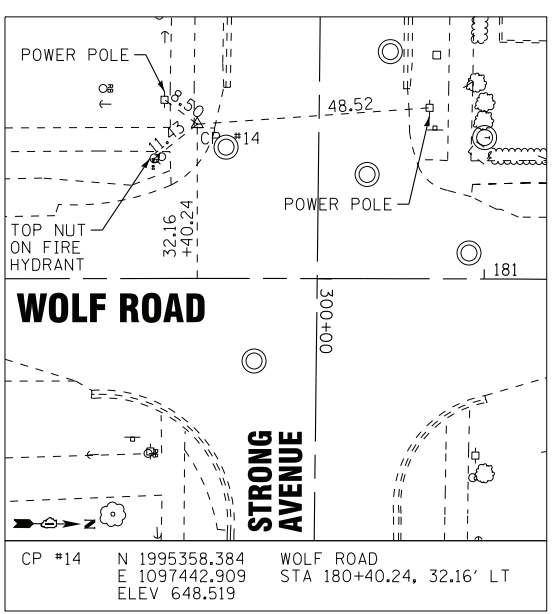
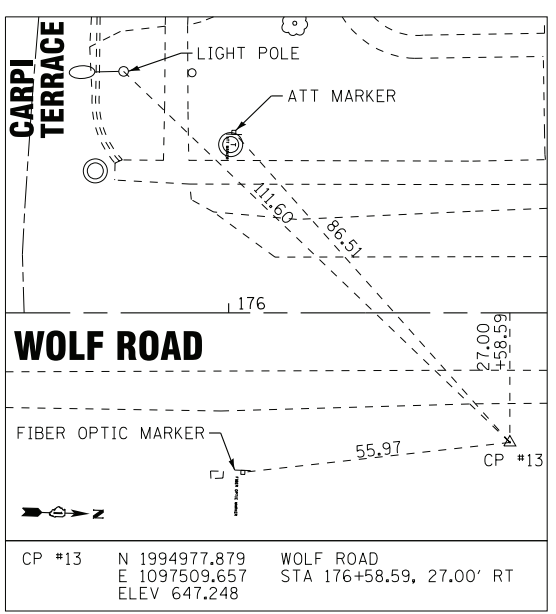
ALIGNMENT, TIES AND BENCHMARKS
WOLF ROAD

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	38
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 60T05

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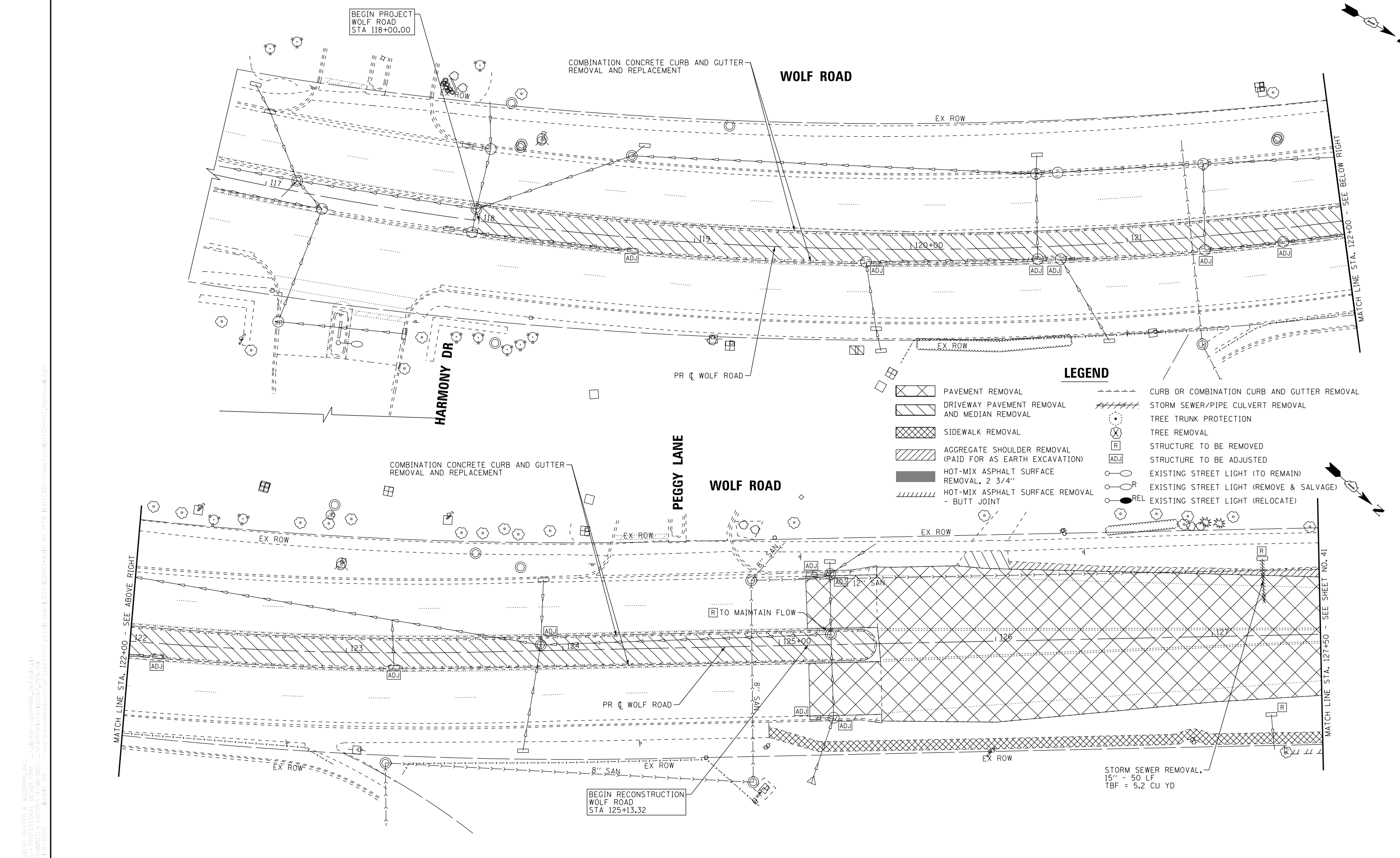
DESIGNED -	AMW	REVISED -	
DRAWN -	CJC	REVISED -	
CHECKED -	JFM	REVISED -	
DATE -	1-10-20	FILE -	D160T05-SHT_ATB5.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
WOLF ROAD**

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	39
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



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BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160105-SHT_Removal1.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

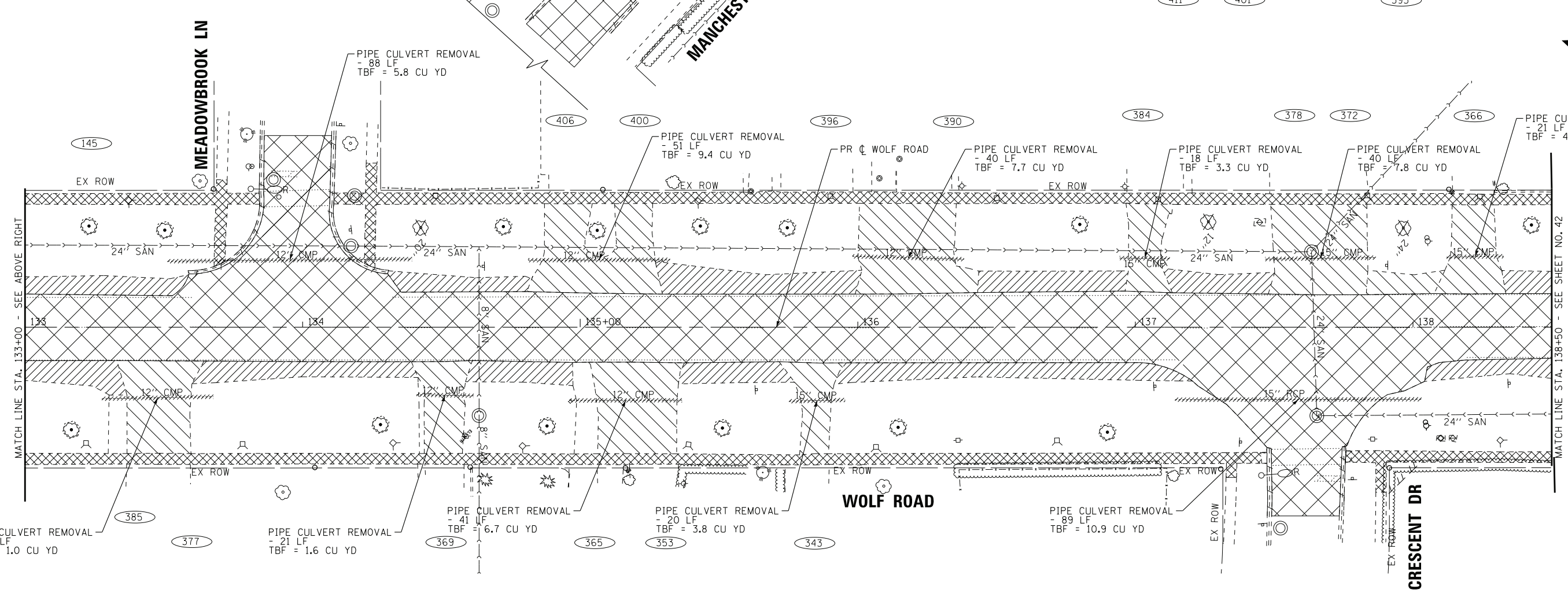
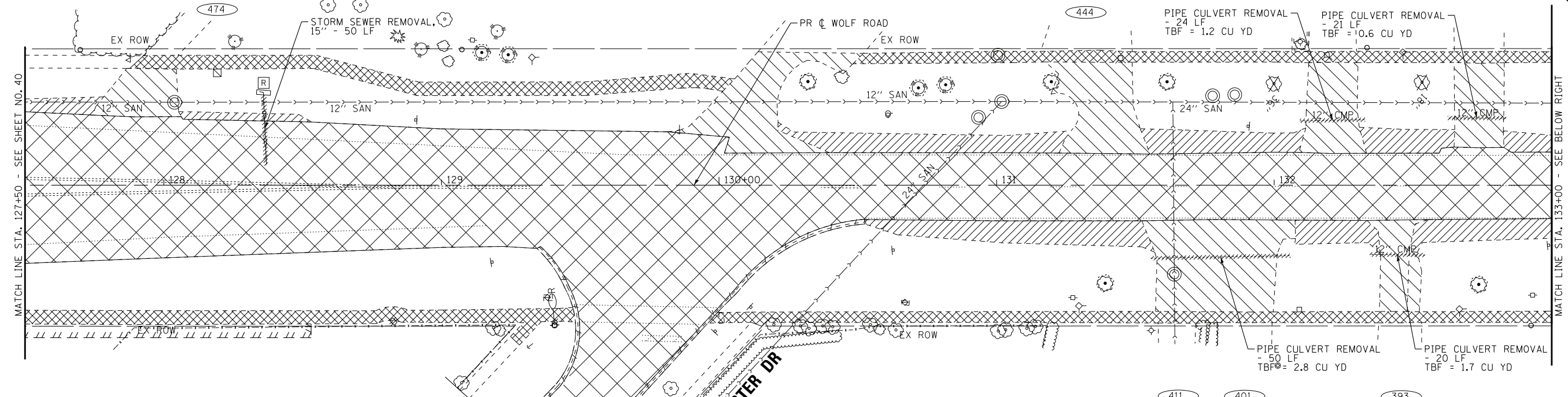
**EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD**

SCALE: 1" = 20' STA. 117+00 TO STA. 127+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

- LEGEND**
- PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
 - SIDEWALK REMOVAL
 - AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

- CURB OR COMBINATION CURB AND GUTTER REMOVAL
- STORM SEWER/PIPE CULVERT REMOVAL
- TREE TRUNK PROTECTION
- TREE REMOVAL
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING STREET LIGHT (TO REMAIN)
- EXISTING STREET LIGHT (REMOVE & SALVAGE)
- REL EXISTING STREET LIGHT (RELOCATE)



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BAXTER & WOODMAN
 Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Removal2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

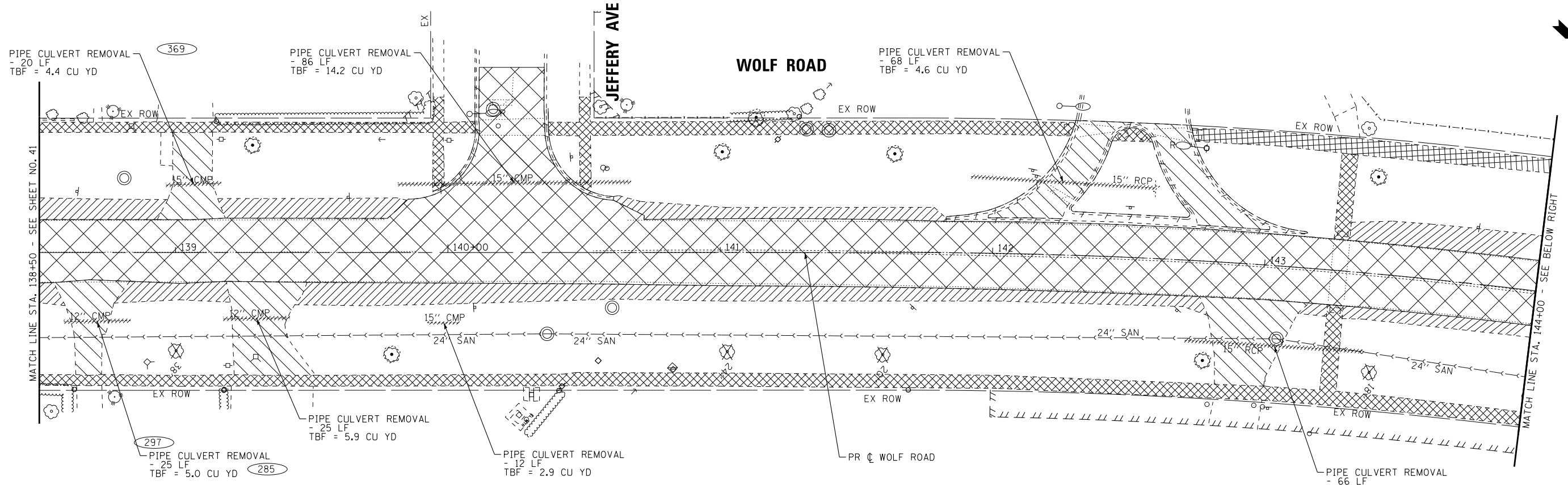
EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD

SCALE: 1" = 20'
 STA. 127+50 TO STA. 138+50

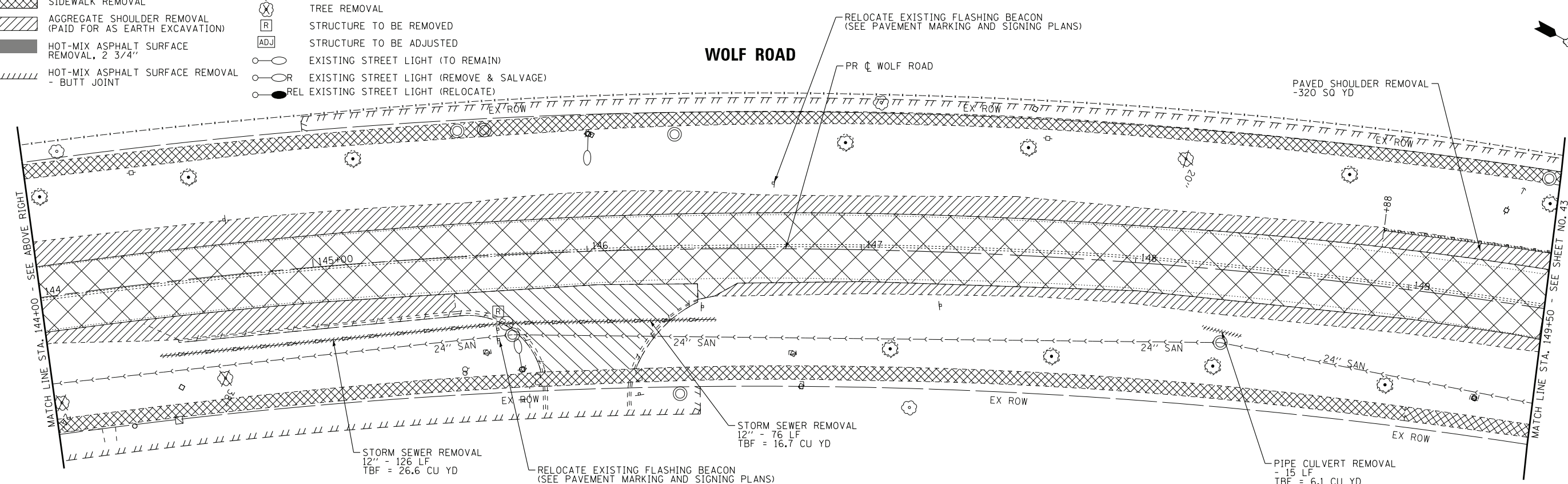
F.A.U. RT. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 41
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

MATCH LINE STA. 138+50 - SEE SHEET NO. 42

MATCH LINE STA. 127+50 - SEE SHEET NO. 40



- LEGEND**
- PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
 - SIDEWALK REMOVAL
 - AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4\"/>
- CURB OR COMBINATION CURB AND GUTTER REMOVAL
 - STORM SEWER/PIPE CULVERT REMOVAL
 - TREE TRUNK PROTECTION
 - TREE REMOVAL
 - STRUCTURE TO BE REMOVED
 - STRUCTURE TO BE ADJUSTED
 - EXISTING STREET LIGHT (TO REMAIN)
 - EXISTING STREET LIGHT (REMOVE & SALVAGE)
 - REL EXISTING STREET LIGHT (RELOCATE)



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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Removal3.dgn

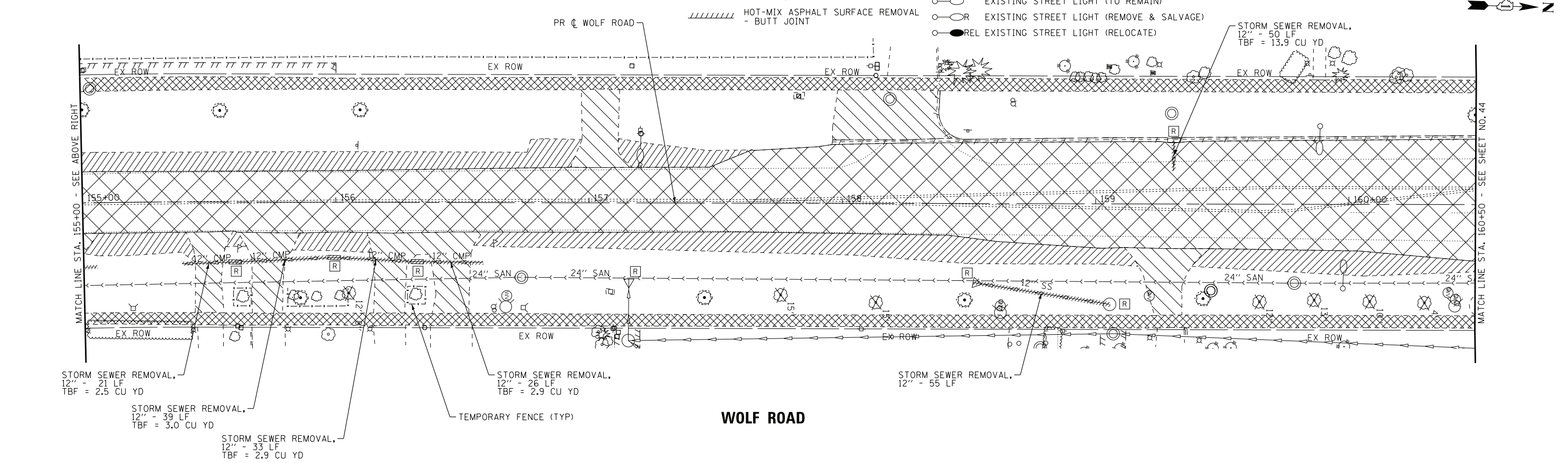
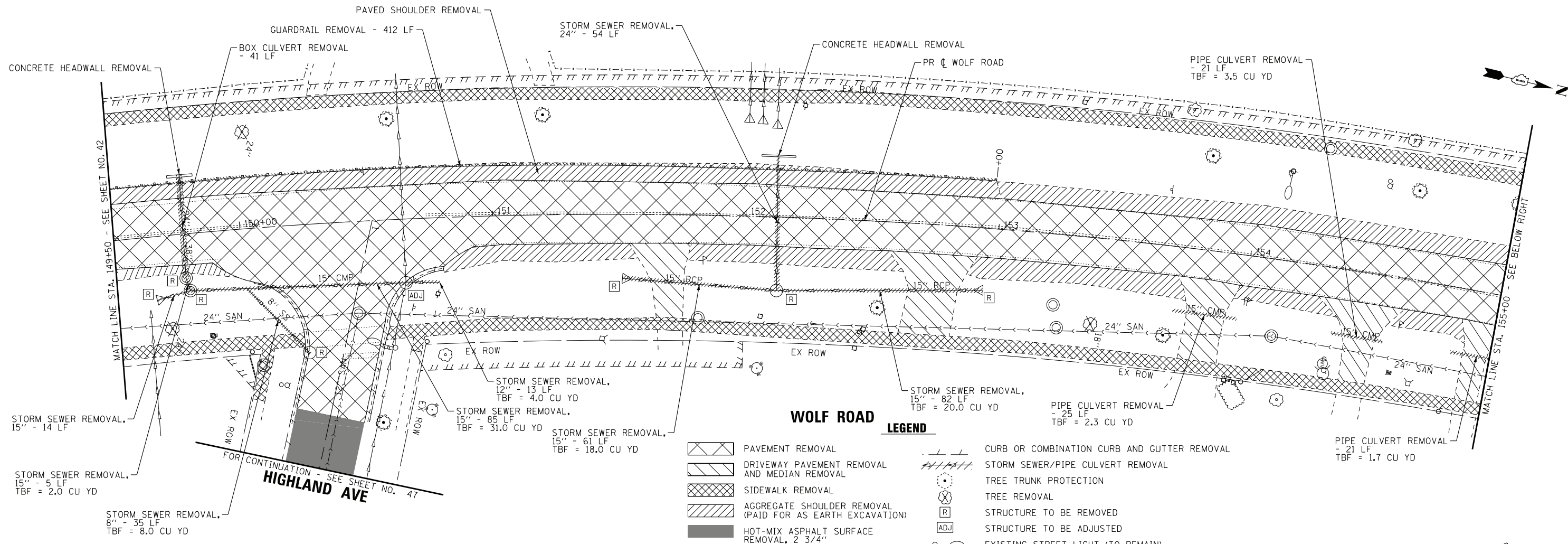
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD**

SCALE: 1" = 20'

STA. 138+50 TO STA. 149+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	42
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



- LEGEND**
- PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
 - SIDEWALK REMOVAL
 - AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - CURB OR COMBINATION CURB AND GUTTER REMOVAL
 - STORM SEWER/PIPE CULVERT REMOVAL
 - TREE TRUNK PROTECTION
 - TREE REMOVAL
 - STRUCTURE TO BE REMOVED
 - STRUCTURE TO BE ADJUSTED
 - EXISTING STREET LIGHT (TO REMAIN)
 - EXISTING STREET LIGHT (REMOVE & SALVAGE)
 - REL EXISTING STREET LIGHT (RELOCATE)

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BAXTER & WOODMAN
CONSULTING ENGINEERS

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Removal4.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD

SCALE: 1" = 20'
STA. 149+50 TO STA. 160+50

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

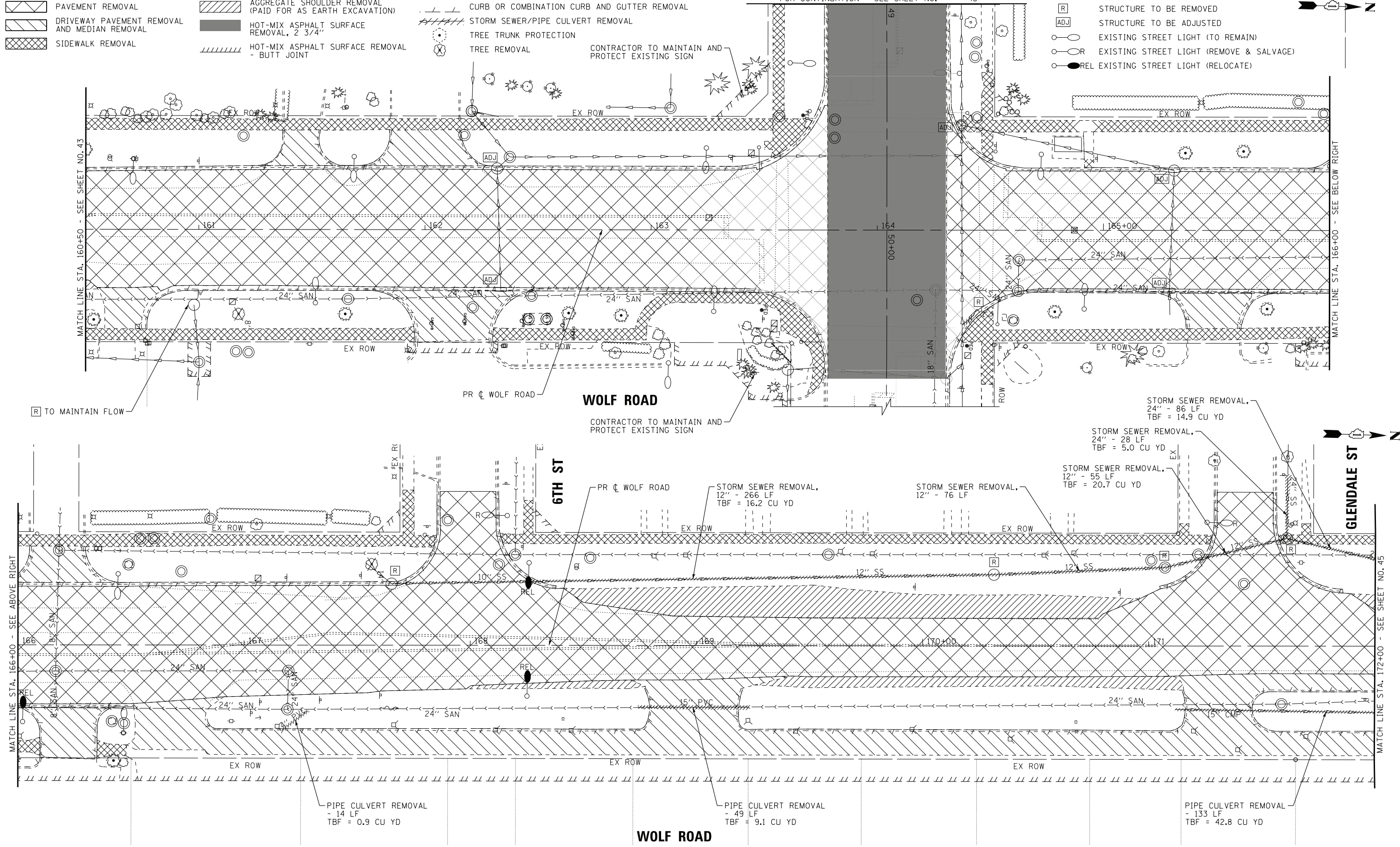
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
- SIDEWALK REMOVAL

- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

- CURB OR COMBINATION CURB AND GUTTER REMOVAL
- STORM SEWER/PIPE CULVERT REMOVAL
- TREE TRUNK PROTECTION
- TREE REMOVAL
- CONTRACTOR TO MAINTAIN AND PROTECT EXISTING SIGN

- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING STREET LIGHT (TO REMAIN)
- EXISTING STREET LIGHT (REMOVE & SALVAGE)
- REL EXISTING STREET LIGHT (RELOCATE)

DUNDEE ROAD
FOR CONTINUATION - SEE SHEET NO. 48



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CONSULTING ENGINEERS

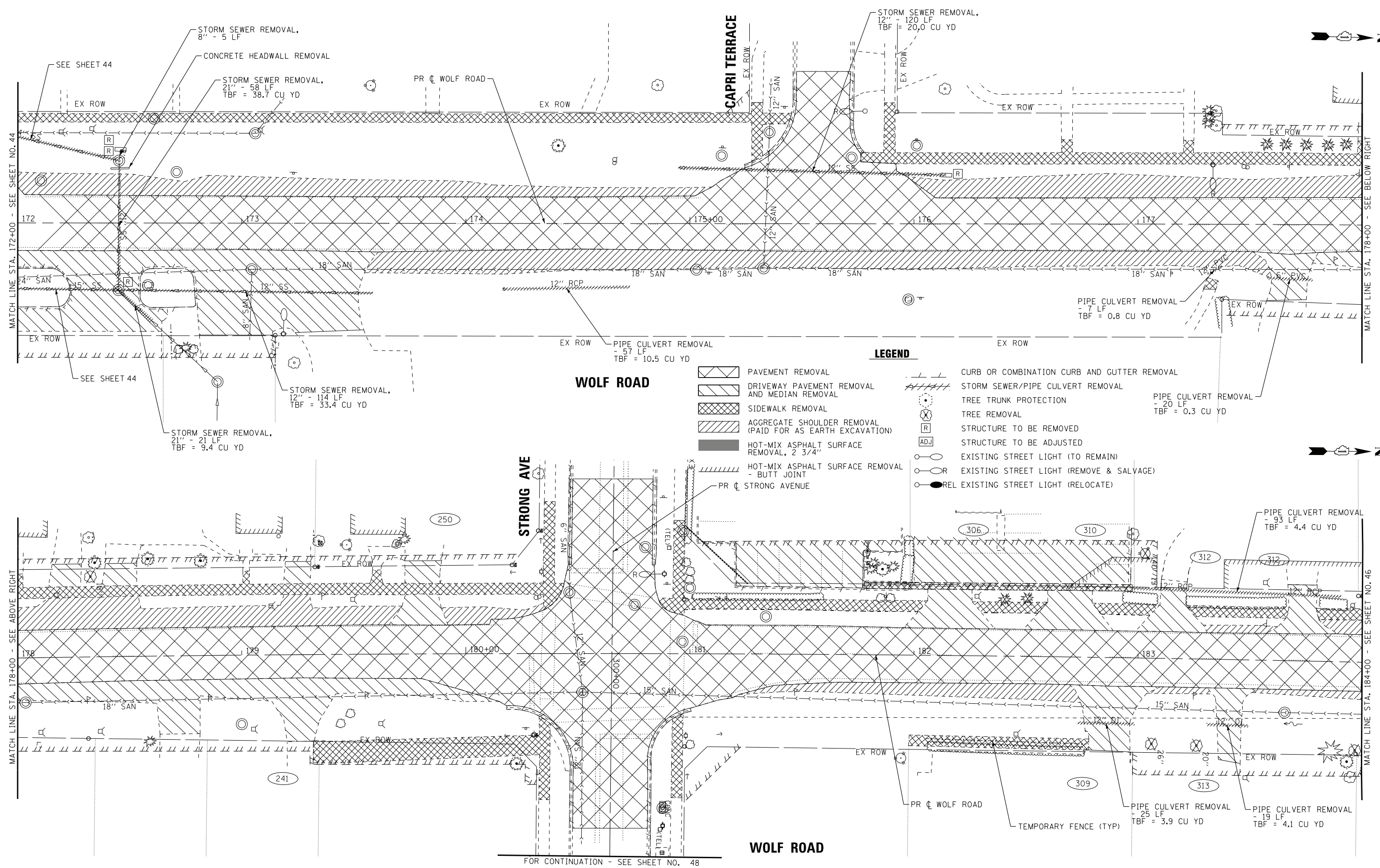
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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Removal5.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD**

SCALE: 1" = 20'
STA. 160+50 TO STA. 172+00

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 44
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60T05	
FED. AID PROJECT				



LEGEND

- | | | | |
|--------------------|---|---------------------|---|
| [Hatched Pattern] | PAVEMENT REMOVAL | [Hatched Pattern] | CURB OR COMBINATION CURB AND GUTTER REMOVAL |
| [Diagonal Hatched] | DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL | [Dotted] | STORM SEWER/PIPE CULVERT REMOVAL |
| [Cross-hatched] | SIDEWALK REMOVAL | [Circle with X] | TREE TRUNK PROTECTION |
| [Diagonal Hatched] | AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION) | [Circle with X] | TREE REMOVAL |
| [Solid Black] | HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" | [Square with R] | STRUCTURE TO BE REMOVED |
| [Diagonal Hatched] | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | [Square with ADJ] | STRUCTURE TO BE ADJUSTED |
| [Dotted] | PIPE CULVERT REMOVAL | [Circle] | EXISTING STREET LIGHT (TO REMAIN) |
| [Hatched Pattern] | CONCRETE HEADWALL REMOVAL | [Circle with slash] | EXISTING STREET LIGHT (REMOVE & SALVAGE) |
| [Dotted] | STORM SEWER REMOVAL | [Circle with dot] | REL EXISTING STREET LIGHT (RELOCATE) |

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 LICENSE NO. 184-001121 - EXPIRES 4/30/2021
 PROJECT NO. D160T05-SHT_Removal6.dgn
 DATE 1/8/2020

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD**

F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	45
FED. ROAD DIST. NO.			ILLINOIS	
FED. ROAD DIST. NO.			FED. AID PROJECT	

BAXTER & WOODMAN
consulting engineers

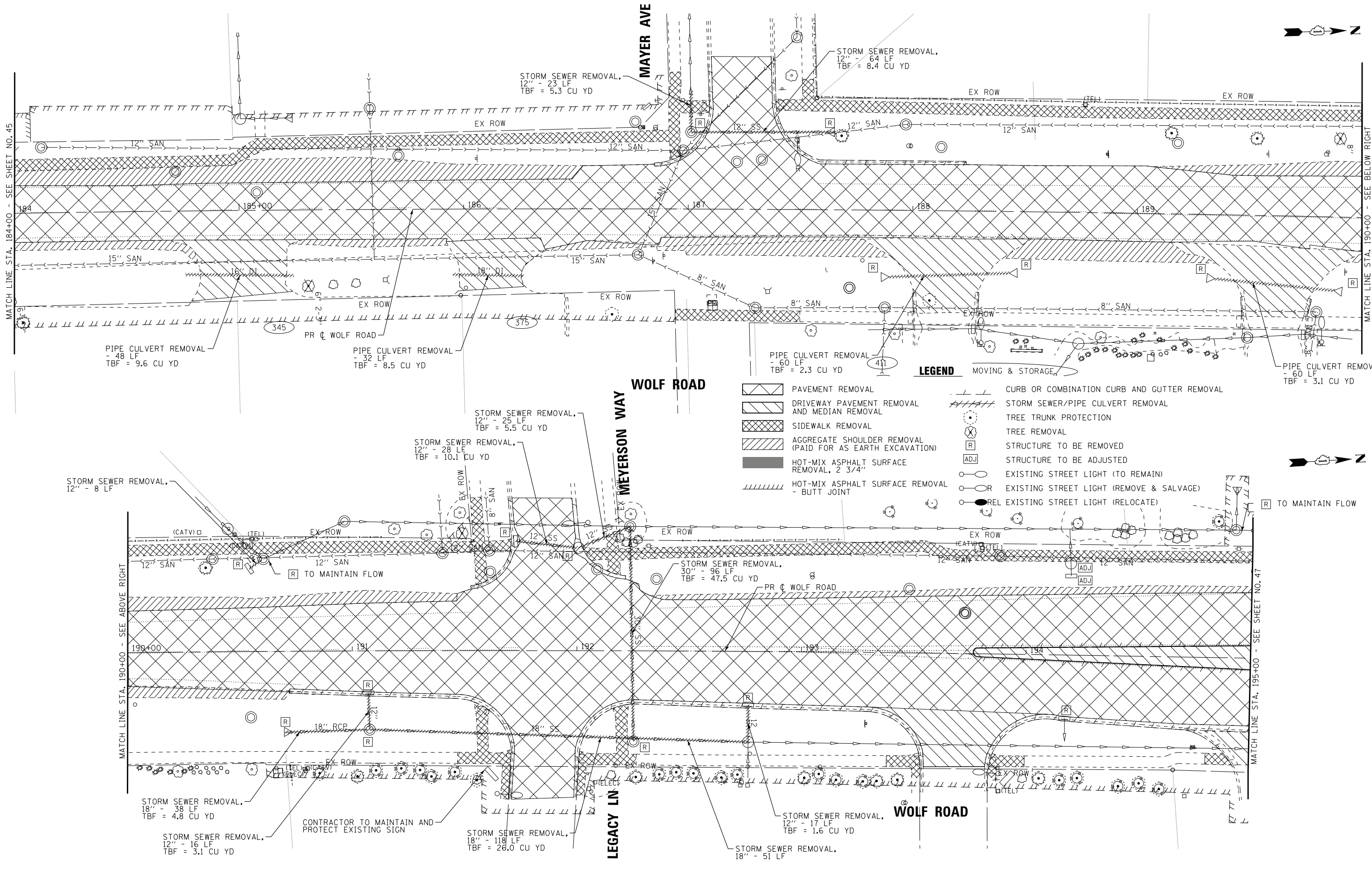
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DRAWN -	CJC	REVISED -	
CHECKED -	JFM	REVISED -	
DATE -	1-10-20	FILE -	D160T05-SHT_Removal6.dgn

SCALE: 1" = 20' STA. 172+00 TO STA. 184+00

FOR CONTINUATION - SEE SHEET NO. 48

MATCH LINE STA. 184+00 - SEE SHEET NO. 45

MATCH LINE STA. 190+00 - SEE BELOW RIGHT



LEGEND

	PAVEMENT REMOVAL		CURB OR COMBINATION CURB AND GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL		STORM SEWER/PIPE CULVERT REMOVAL
	SIDEWALK REMOVAL		TREE TRUNK PROTECTION
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)		TREE REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4\"/>		STRUCTURE TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		STRUCTURE TO BE ADJUSTED
			EXISTING STREET LIGHT (TO REMAIN)
			EXISTING STREET LIGHT (REMOVE & SALVAGE)
			REL EXISTING STREET LIGHT (RELOCATE)

MOVING & STORAGE

TO MAINTAIN FLOW

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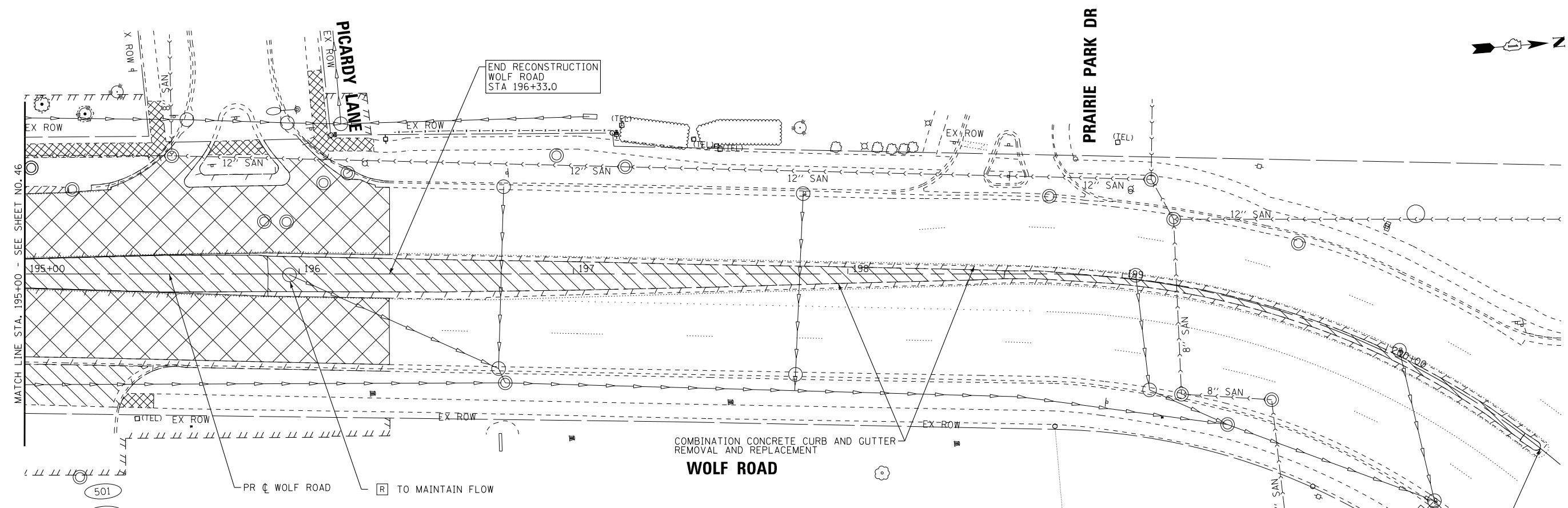
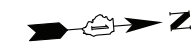
BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_Removal7.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD**

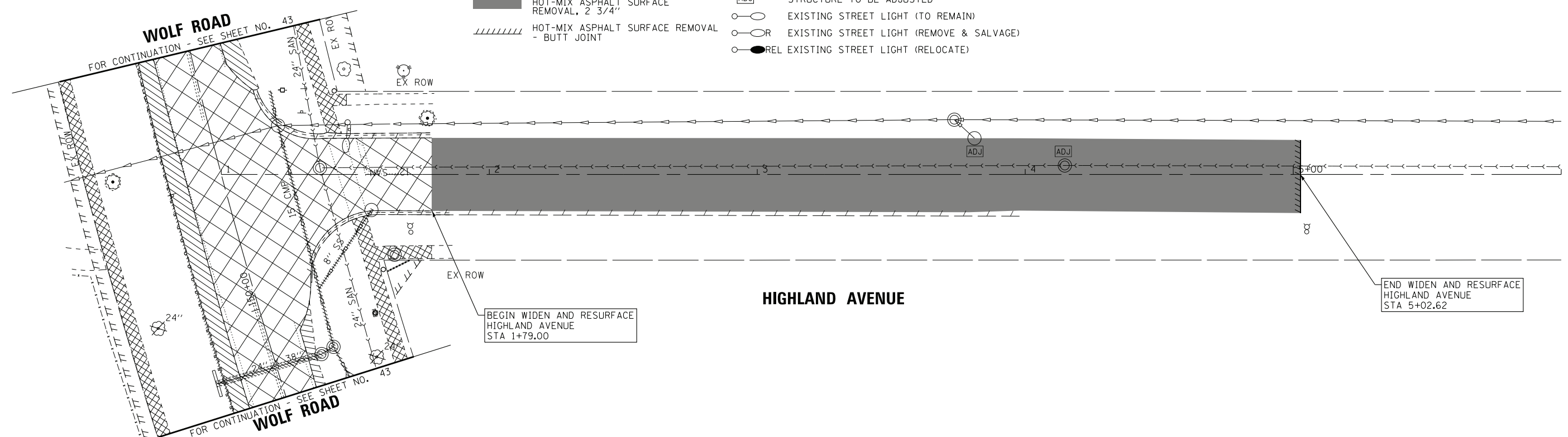
SCALE: 1" = 20'
STA. 184+00 TO STA. 195+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	46
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CURB OR COMBINATION CURB AND GUTTER REMOVAL
- STORM SEWER/PIPE CULVERT REMOVAL
- TREE TRUNK PROTECTION
- TREE REMOVAL
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING STREET LIGHT (TO REMAIN)
- EXISTING STREET LIGHT (REMOVE & SALVAGE)
- REL EXISTING STREET LIGHT (RELOCATE)



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BAXTER & WOODMAN
consulting engineers

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Removal8.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
WOLF ROAD, HIGHLAND AVENUE**

SCALE: 1" = 20'

STA. 195+00 TO STA. 200+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	47
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



FOR CONTINUATION - SEE SHEET NO. 44

BEGIN RESURFACING
DUNDEE ROAD
STA 48+00

PR C DUNDEE ROAD

BEGIN WIDENING
DUNDEE ROAD
STA 45+40

STORM SEWER REMOVAL,
10", 5 LF

STORM SEWER REMOVAL,
10", 6 LF
TBF = 1.2 CU YD

BEGIN RECONSTRUCTION
STRONG AVENUE
STA 299+21.96

WOLF ROAD

FOR CONTINUATION - SEE SHEET NO. 45

PR C WOLF ROAD

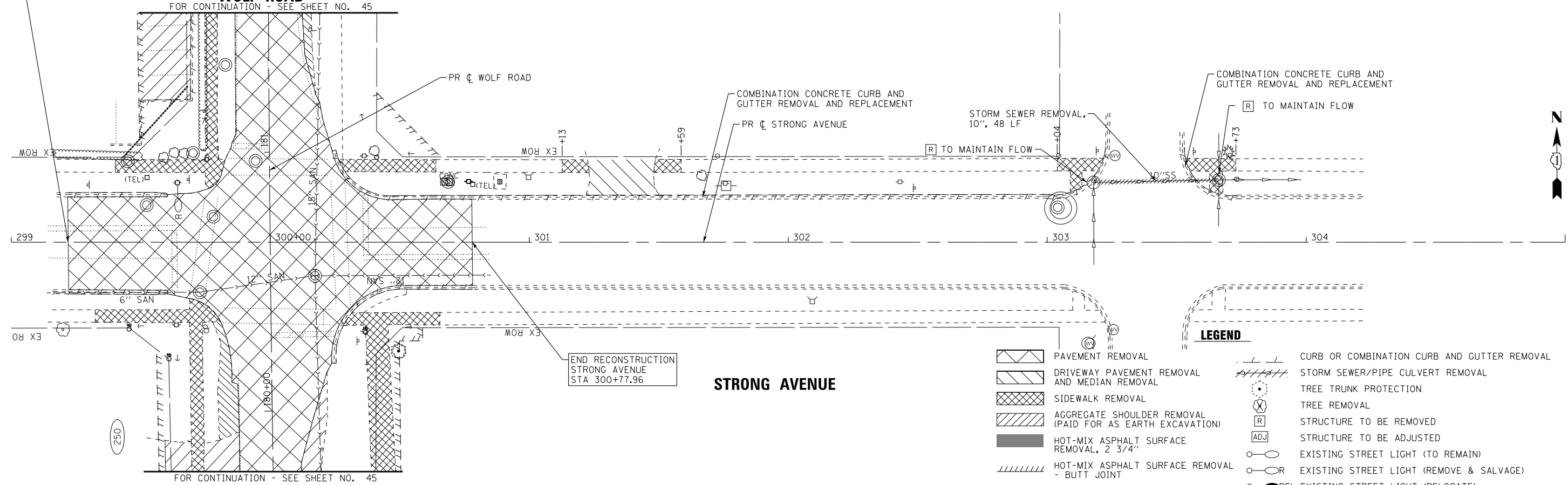
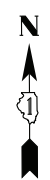
COMBINATION CONCRETE CURB AND
GUTTER REMOVAL AND REPLACEMENT

PR C STRONG AVENUE

STORM SEWER REMOVAL,
10", 48 LF

COMBINATION CONCRETE CURB AND
GUTTER REMOVAL AND REPLACEMENT

R TO MAINTAIN FLOW



END RECONSTRUCTION
STRONG AVENUE
STA 300+77.96

STRONG AVENUE

END RESURFACING
DUNDEE ROAD
STA 50+66

WOLF ROAD

FOR CONTINUATION - SEE SHEET NO. 44

PR C WOLF ROAD

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CURB OR COMBINATION CURB AND GUTTER REMOVAL
- STORM SEWER/PIPE CULVERT REMOVAL
- TREE TRUNK PROTECTION
- TREE REMOVAL
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING STREET LIGHT (TO REMAIN)
- EXISTING STREET LIGHT (REMOVE & SALVAGE)
- REL EXISTING STREET LIGHT (RELOCATE)

BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_Removal9.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

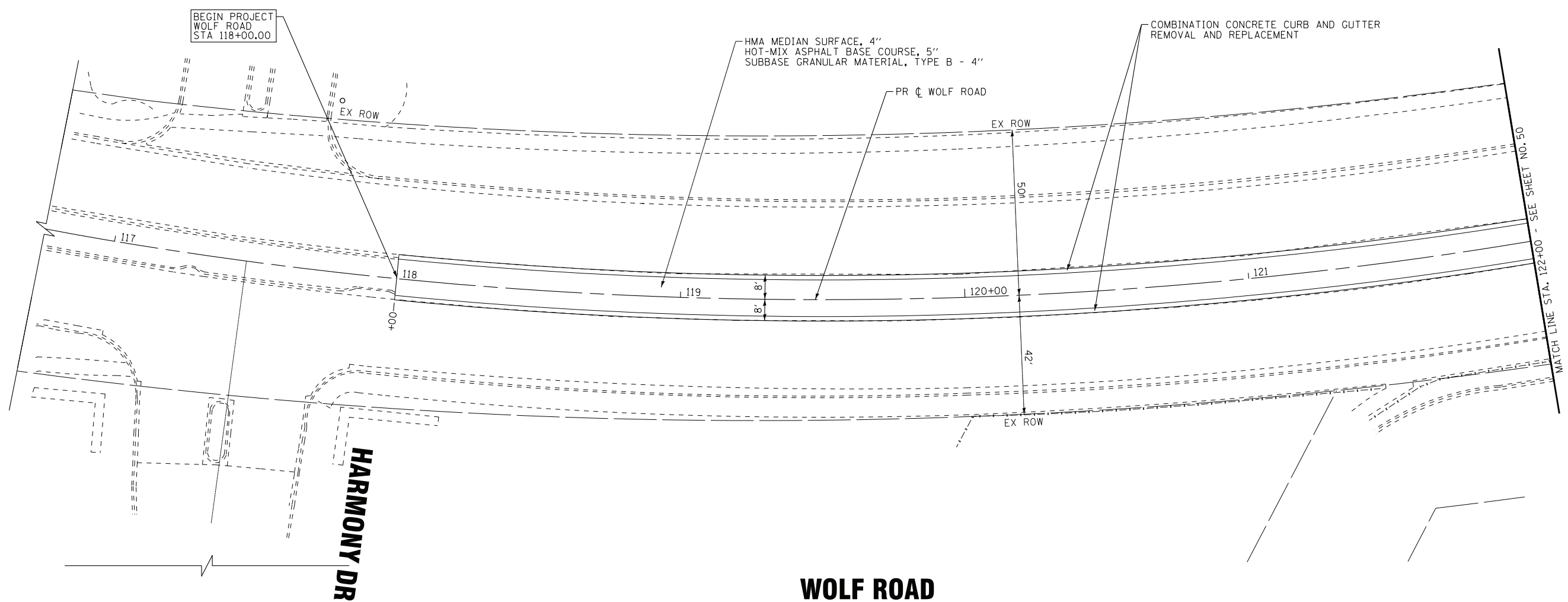
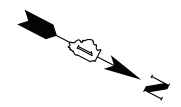
**EXISTING CONDITIONS AND REMOVAL PLAN
DUNDEE ROAD, STRONG AVENUE**

SCALE: 1" = 20'

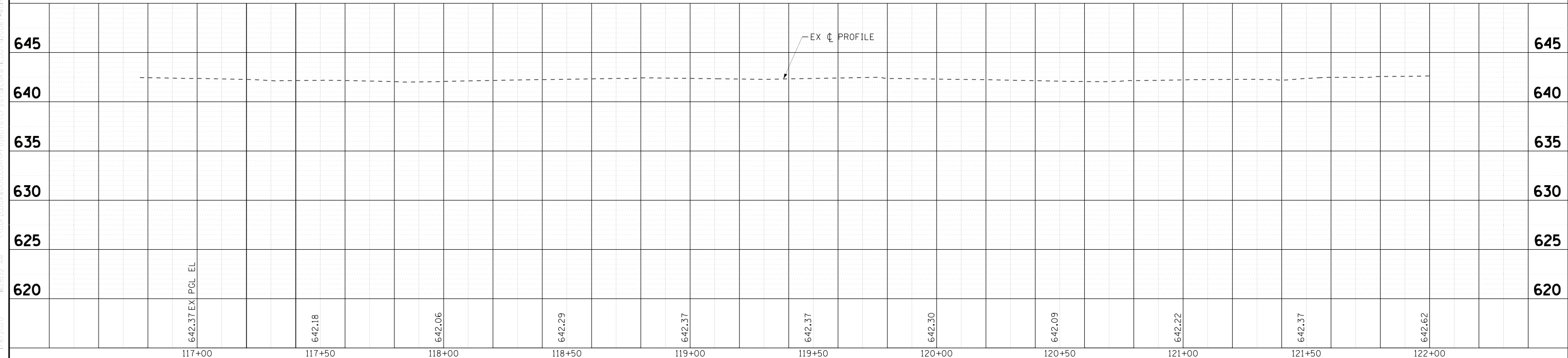
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

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WOLF ROAD



BAXTER & WOODMAN
consulting engineers

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf1.dgn

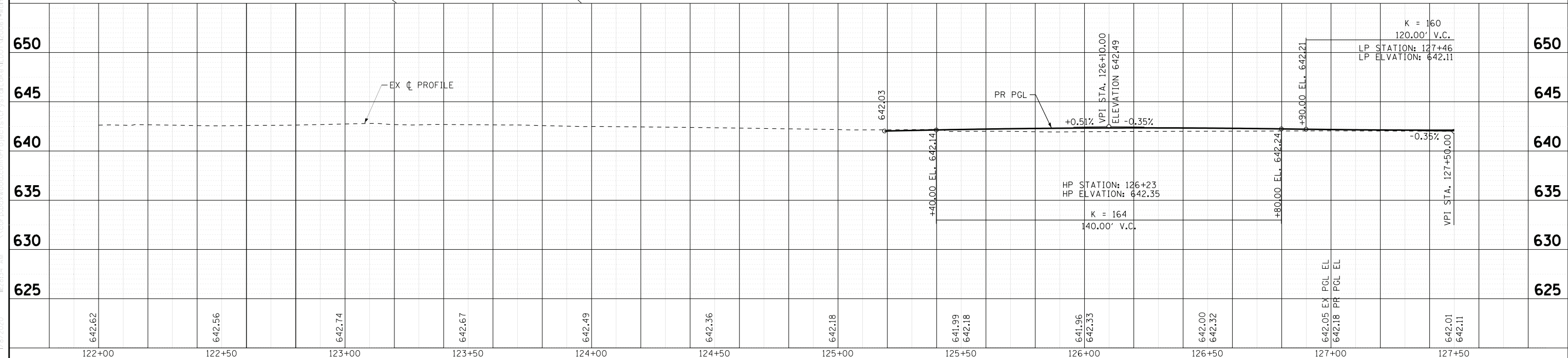
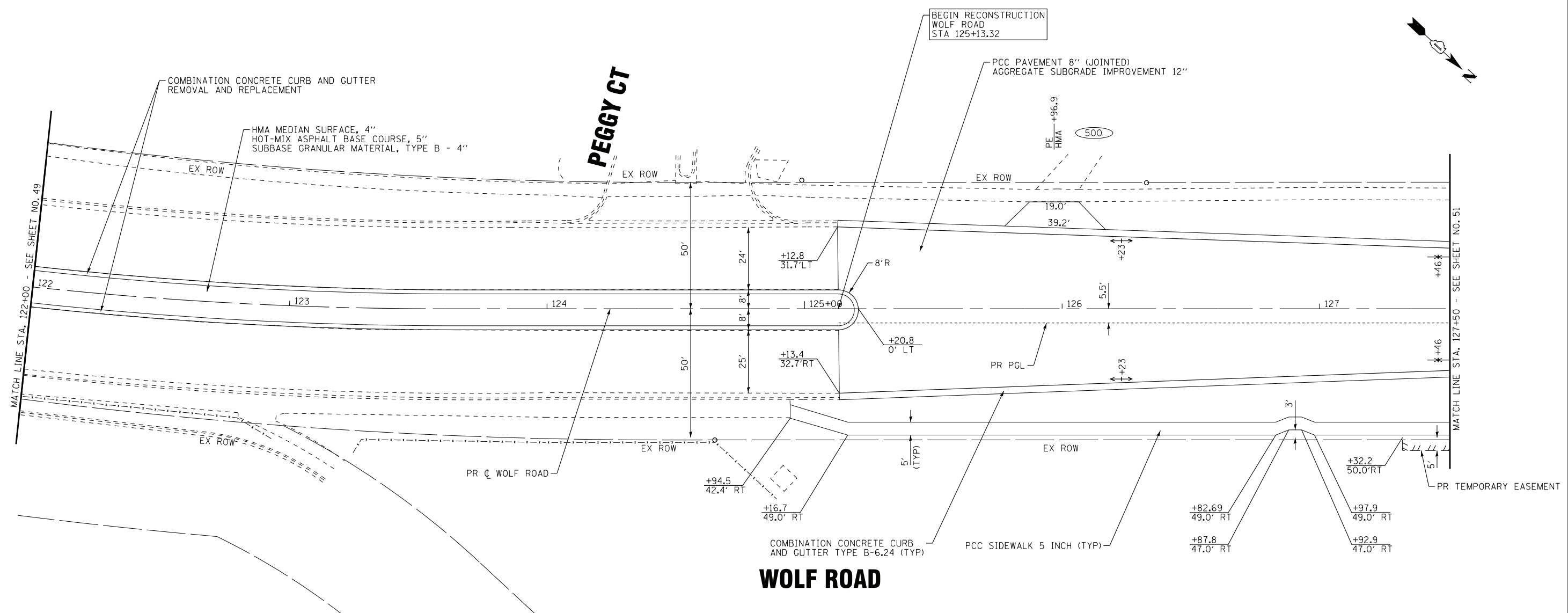
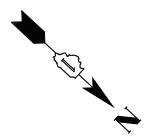
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5'
STA. 117+00 TO STA. 122+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	49
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	

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 STATE OF ILLINOIS PROFESSIONAL ENGINEERING LICENSE NO. 184-080121 - EXPIRES 4/30/2021
 PROJECT: 118+00 WOLF RD. STA. 117+00 TO 122+00
 SHEET: 49 OF 49

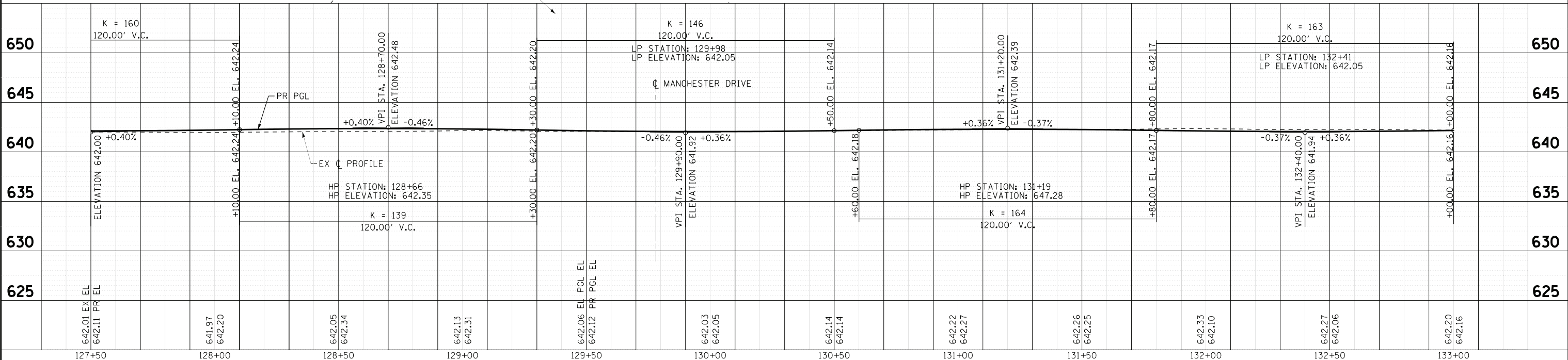
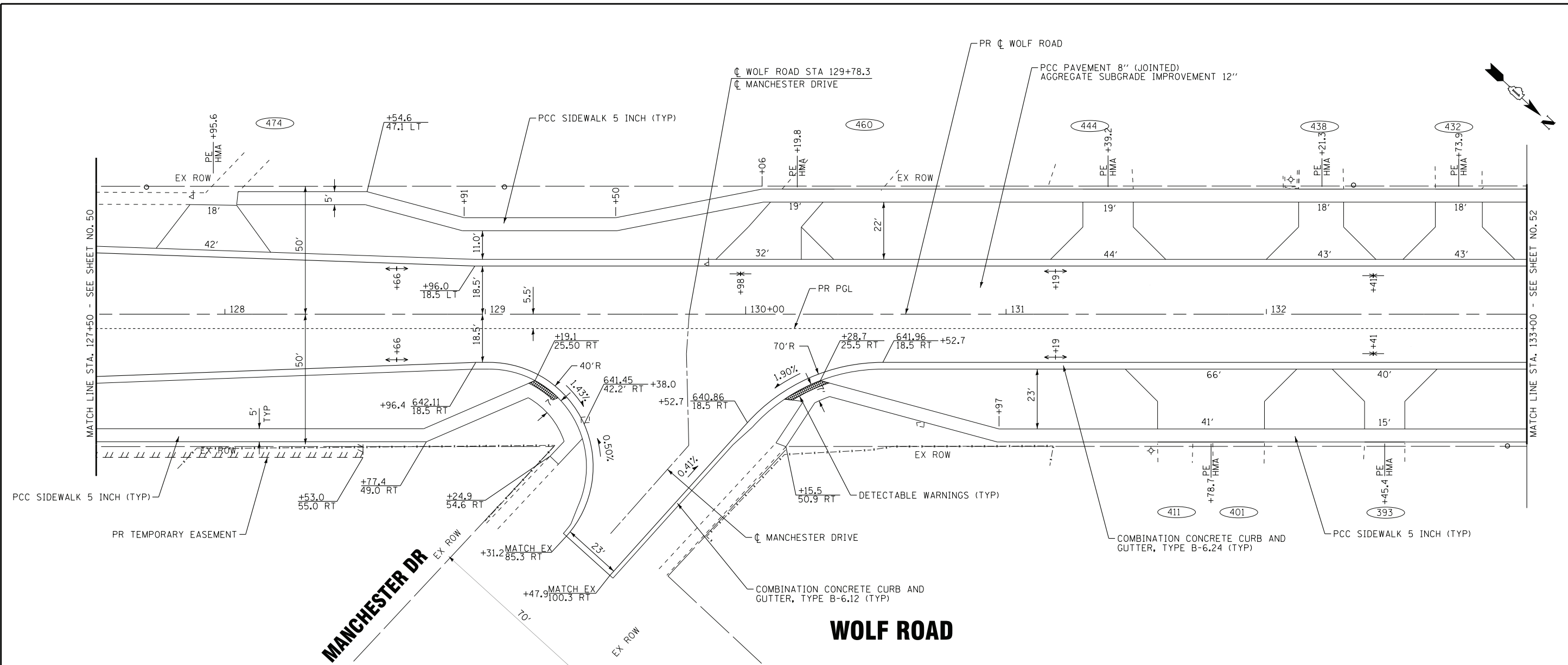


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 PROJECT: 184-080121 - EXPIRES 4/30/2021
 FILE: 184-080121 - EXPIRES 4/30/2021
 PROJECT: 184-080121 - EXPIRES 4/30/2021
 FILE: 184-080121 - EXPIRES 4/30/2021

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE		WOLF ROAD	
SCALE: H: 1"=20' V: 1"=5'	STA. 122+00 TO STA. 127+50	F.A.U. RTE. 2692	SECTION 3941-R
		COUNTY COOK	TOTAL SHEETS 331
		SHEET NO. 50	
		CONTRACT NO. 60T05	
		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



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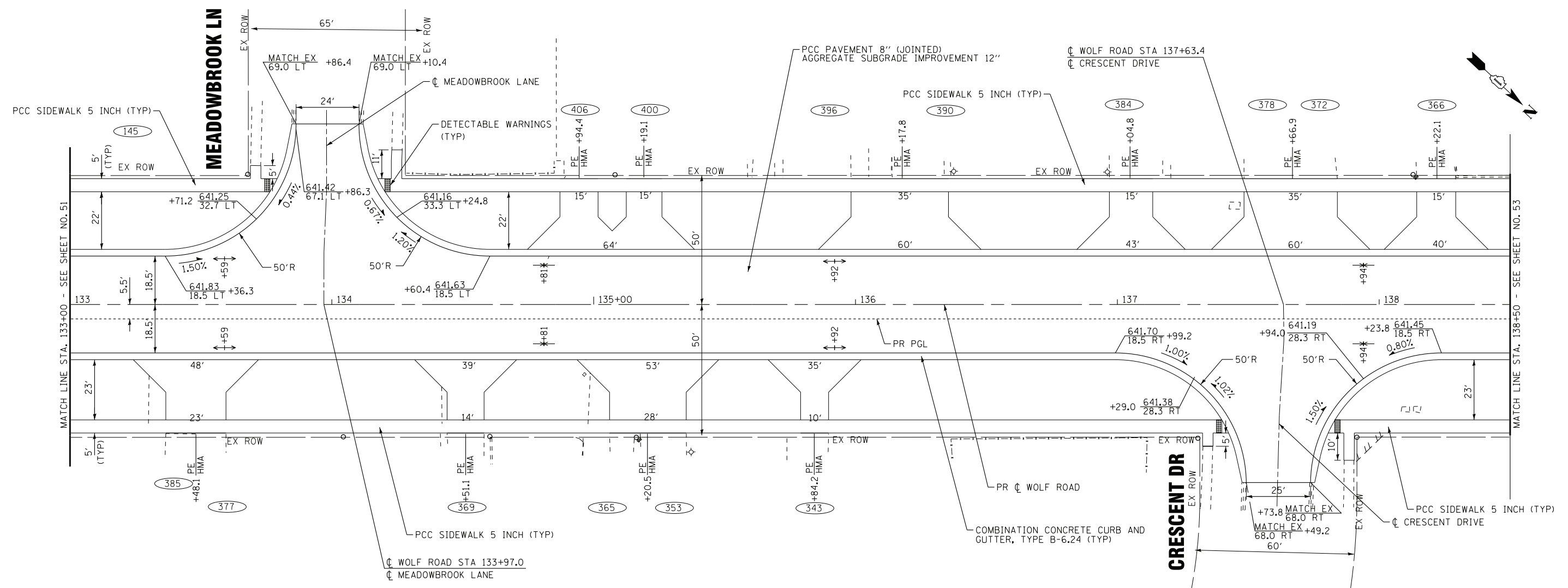
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	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_Plnprf3.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5'	STA. 127+50 TO STA. 133+00	F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 51
		FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 60T05		

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WOLF ROAD

Station	625	630	635	640	645	650	650
133+00	642.20 642.16						
133+50	642.20 642.27	HP STATION: 133+59 HP ELEVATION: 642.27 K = 162 120.00' V.C.		+0.36%			
134+00	642.14 642.22						
134+50	642.06 EX PGL EL 642.07 PR PGL EL	VPI STA. 134+80.00 ELEVATION 641.93		-0.38%			
135+00	641.96 642.05						
135+50	641.83 642.18						
136+00	641.75 642.24	HP STATION: 135+92 HP ELEVATION: 642.24 K = 143 120.00' V.C.		+0.36%			
136+50	641.66 642.12						
137+00	641.63 641.89						
137+50	641.62 641.88						
138+00	641.52 641.62	VPI STA. 137+80.00 ELEVATION 641.50		-0.48%			
138+50	641.52 641.71						

BAXTER & WOODMAN
CONSULTING ENGINEERS

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf4.dgn

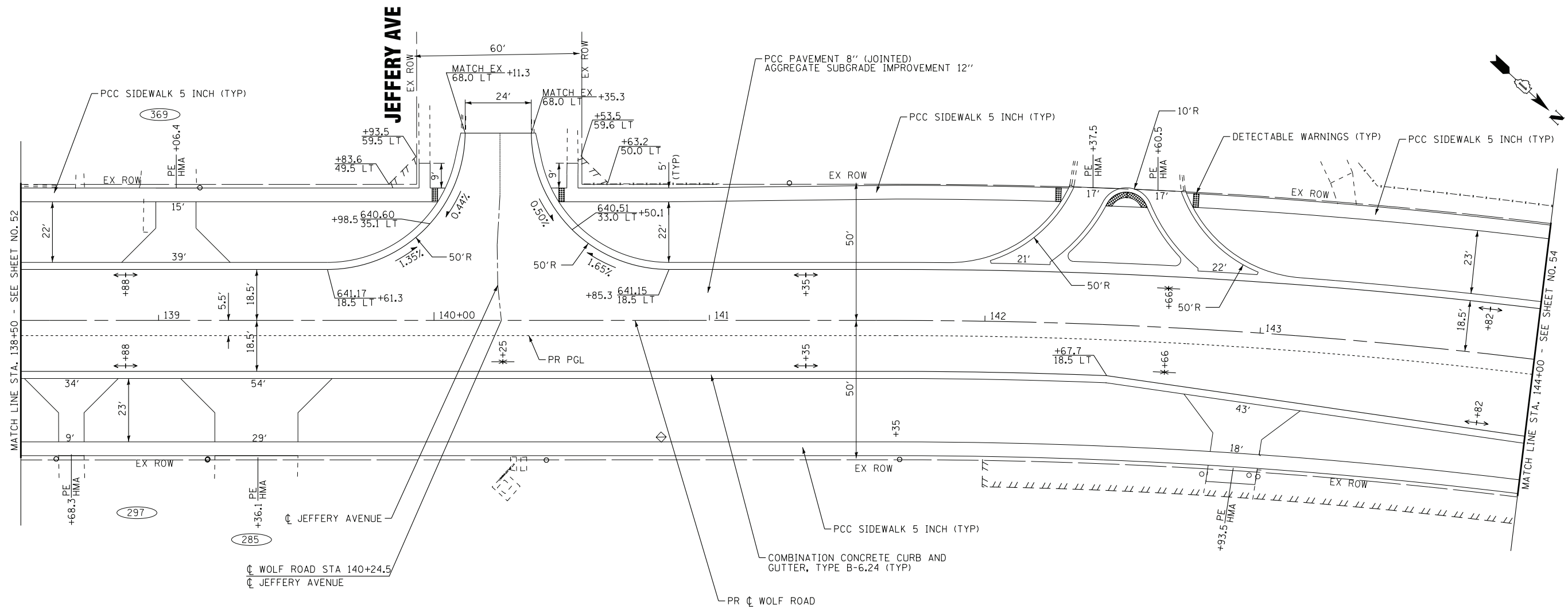
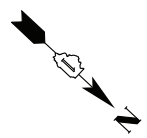
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

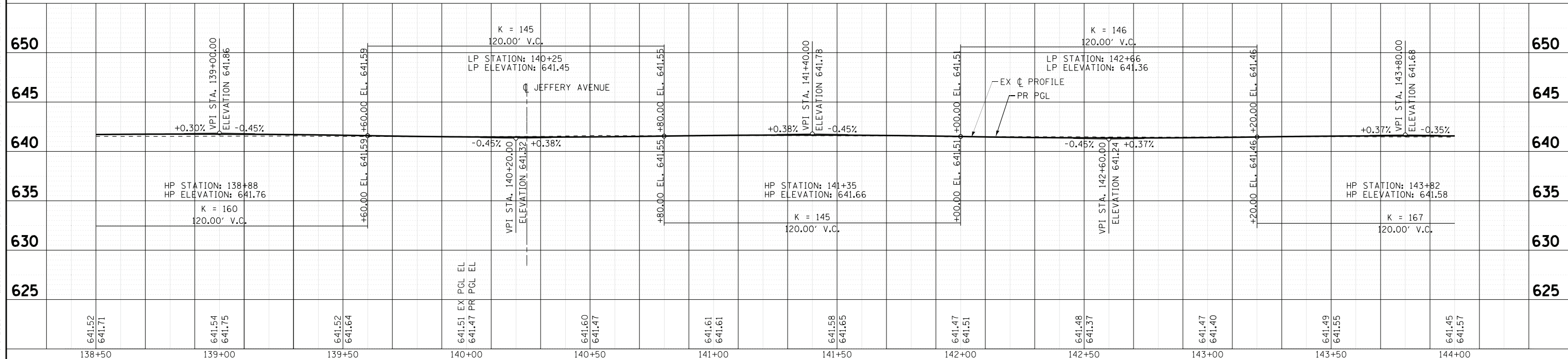
SCALE: H: 1"=20' V: 1"=5'

STA. 133+00 TO STA. 138+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	52
CONTRACT NO. 60T05				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



WOLF ROAD



	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50	143+00	143+50	144+00	
641.52 641.71	641.54 641.75	641.52 641.64	641.51 EX PGL EL 641.47 PR PGL EL	641.60 641.47	641.61 641.61	641.58 641.65	641.47 641.51	641.48 641.37	641.47 641.40	641.49 641.55	641.45 641.57	641.45 641.57	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
WOLF ROAD**

BAXTER & WOODMAN
CONSULTING ENGINEERS

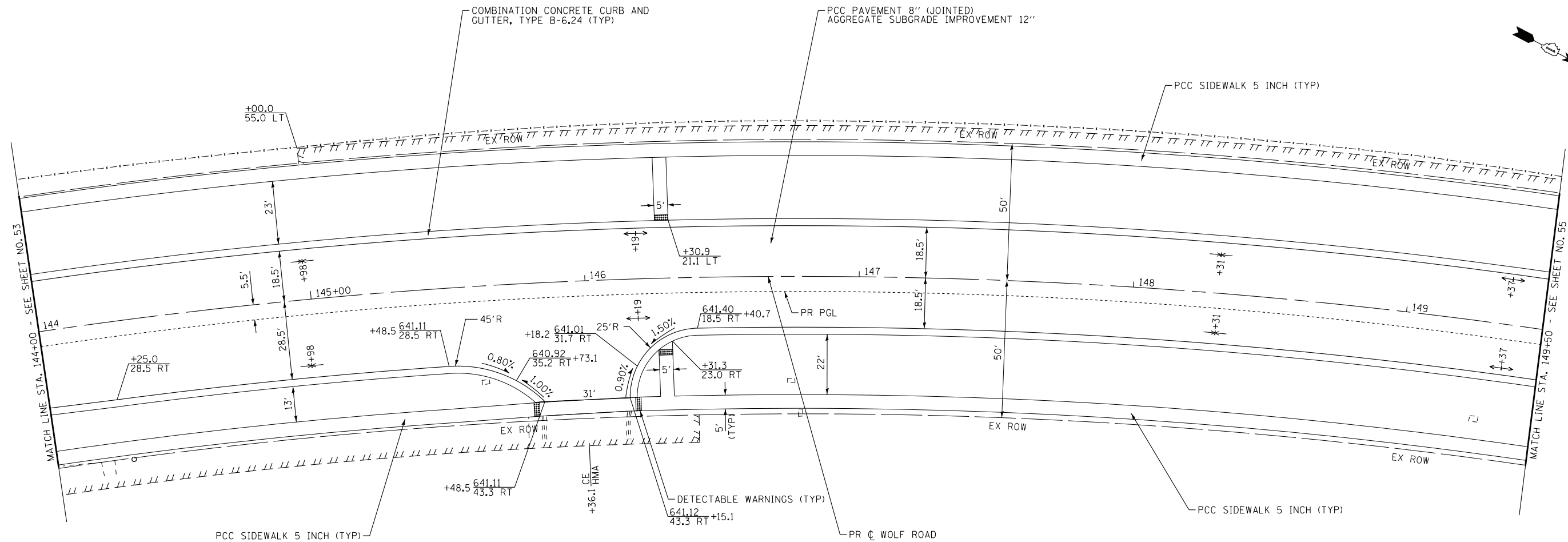
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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf5.dgn

SCALE: H: 1"=20' V: 1"=5'

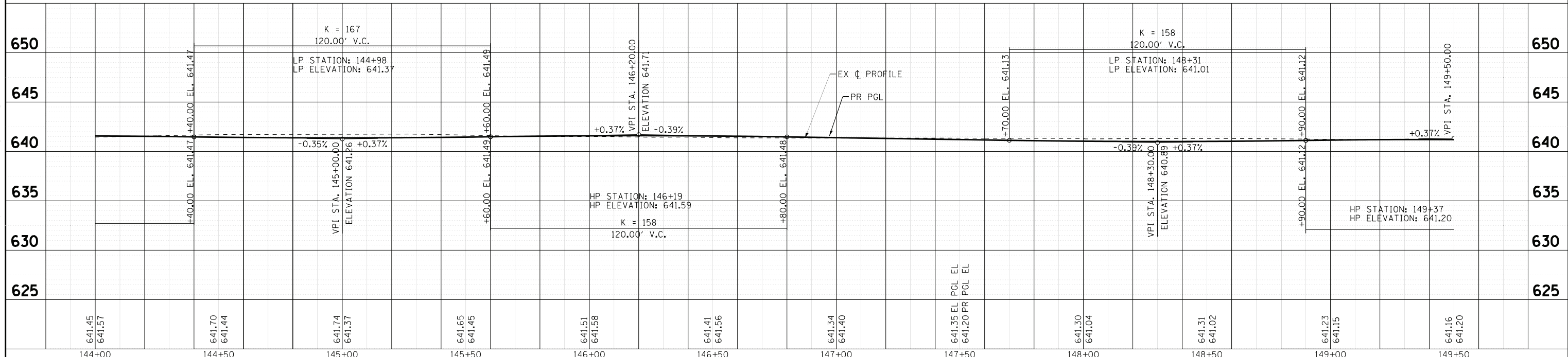
STA. 138+50 TO STA. 144+00

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 53
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60T05	
FED. AID PROJECT				

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 PROJECT: ILLINOIS STATE ROUTE 2692, ILLINOIS
 DATE: 1/10/2020 11:28:13 AM



WOLF ROAD



641.45 641.57	641.70 641.44	641.74 641.37	641.65 641.45	641.51 641.58	641.41 641.56	641.34 641.40	641.35 EL PGL EL 641.20 PR PGL EL	641.30 641.04	641.31 641.02	641.23 641.15	641.16 641.20
144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00	148+50	149+00	149+50

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

BAXTER WOODMAN
CONSULTING ENGINEERS

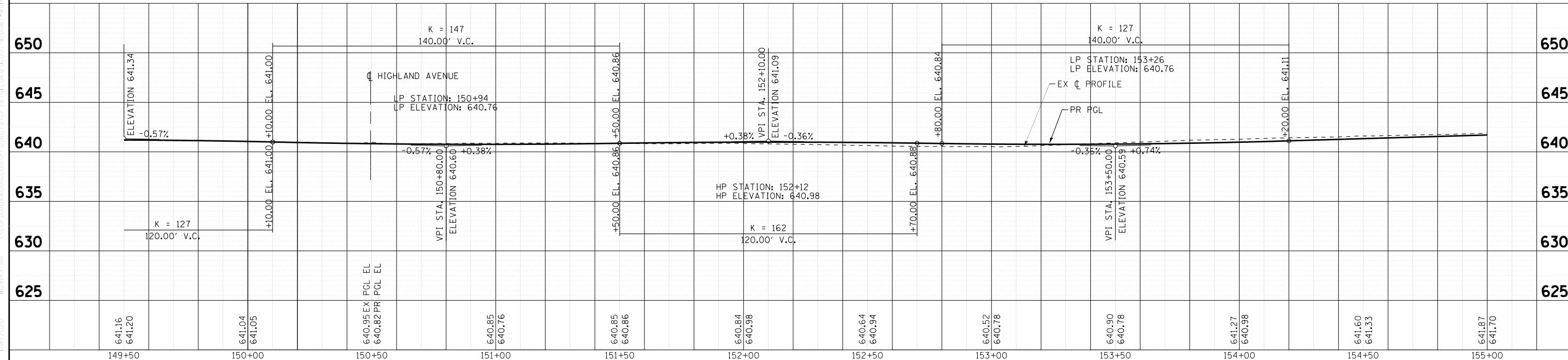
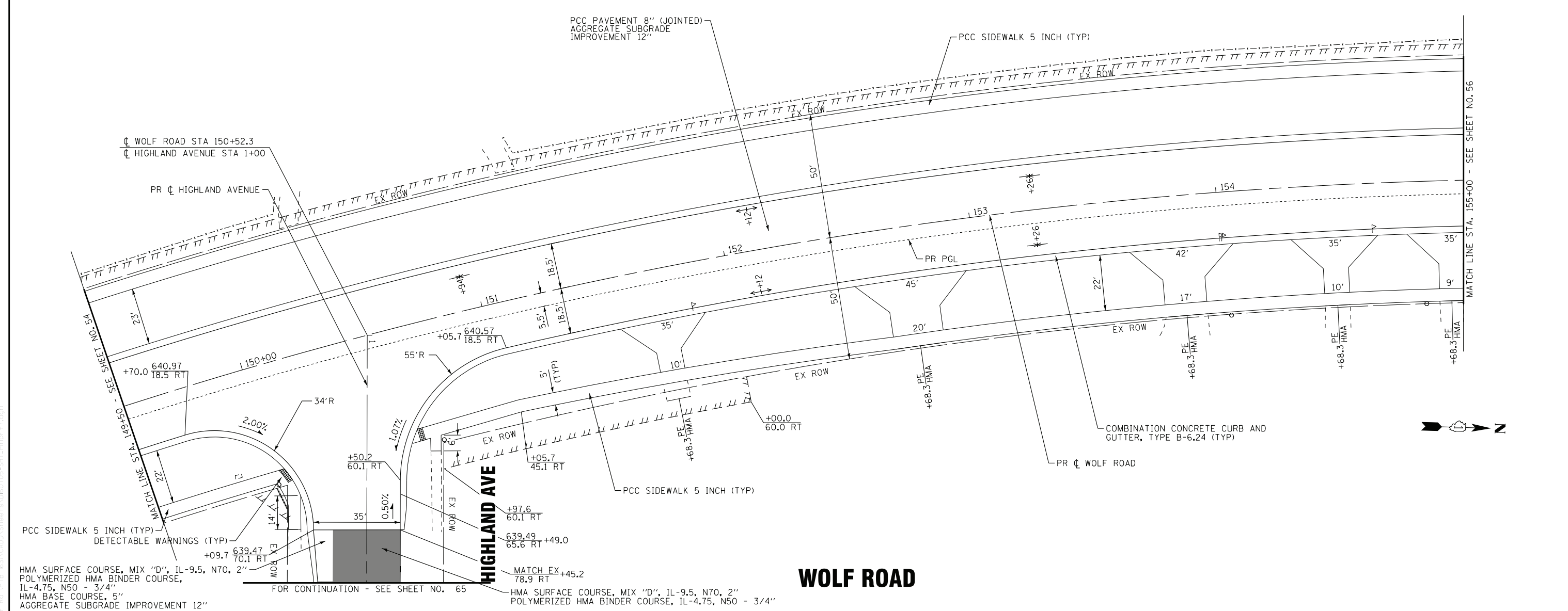
DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf6.dgn

SCALE: H: 1"=20' V: 1"=5'

STA. 144+00 TO STA. 149+50

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

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CONSULTING ENGINEERS

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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf7.dgn

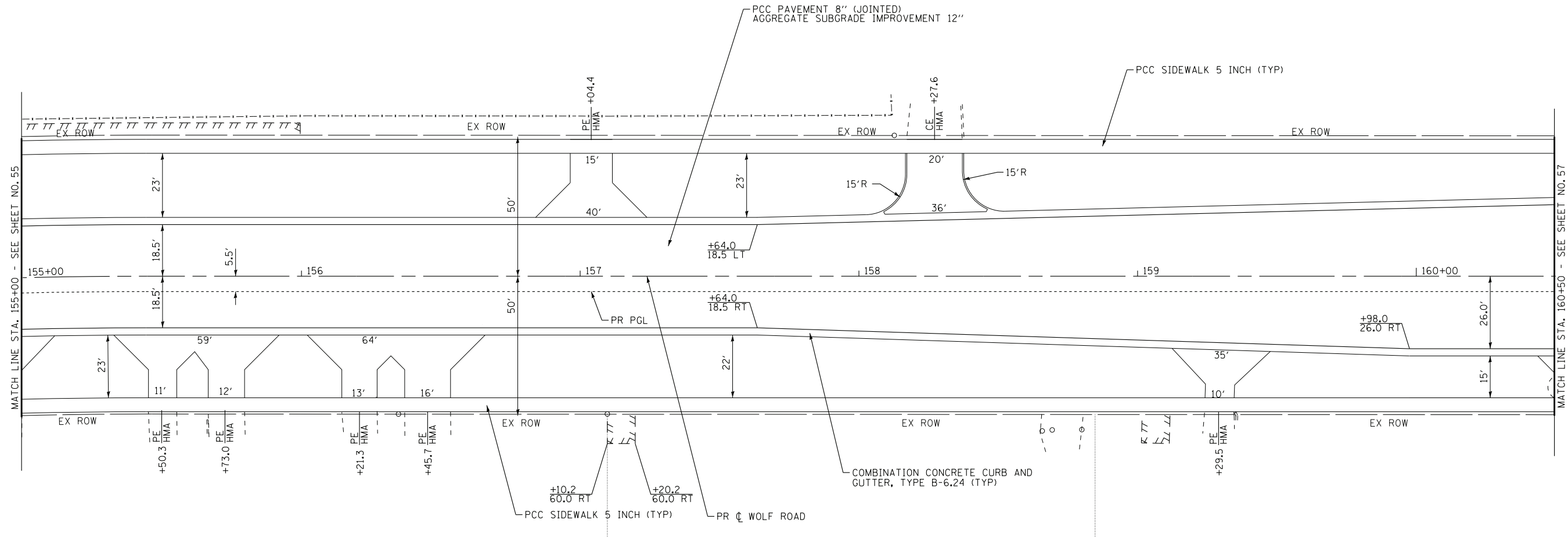
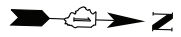
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

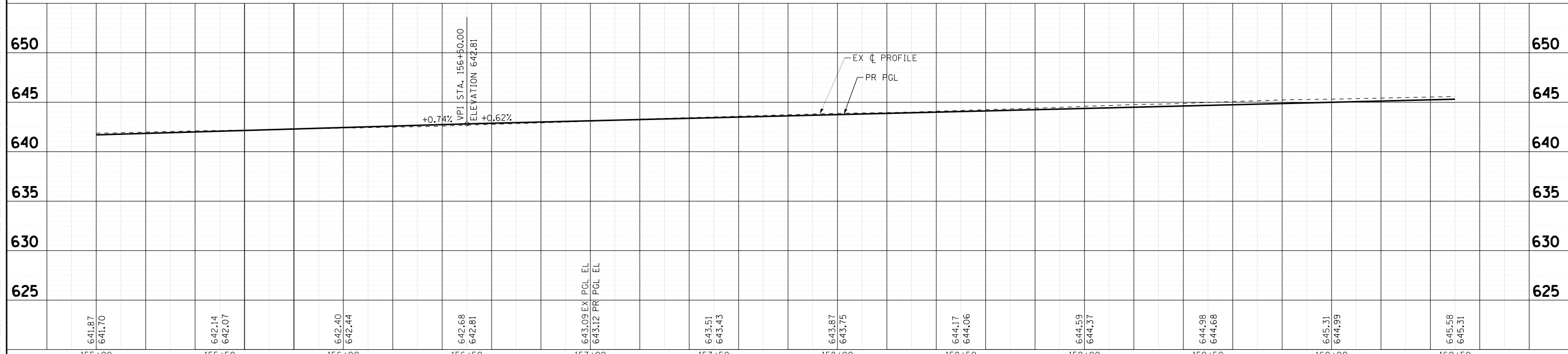
SCALE: H: 1"=20' V: 1"=5'
STA. 149+50 TO STA. 155+00

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 55
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60T05	
FED. AID PROJECT				

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WOLF ROAD



641.87	641.70	642.14	642.07	642.40	642.44	642.68	642.81	643.09	643.12	643.51	643.43	643.87	643.75	644.17	644.06	644.59	644.37	644.98	644.68	645.31	644.99	645.58	645.31
155+00	155+50	156+00	156+50	157+00	157+50	158+00	158+50	159+00	159+50	160+00	160+50												

BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf8.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5'

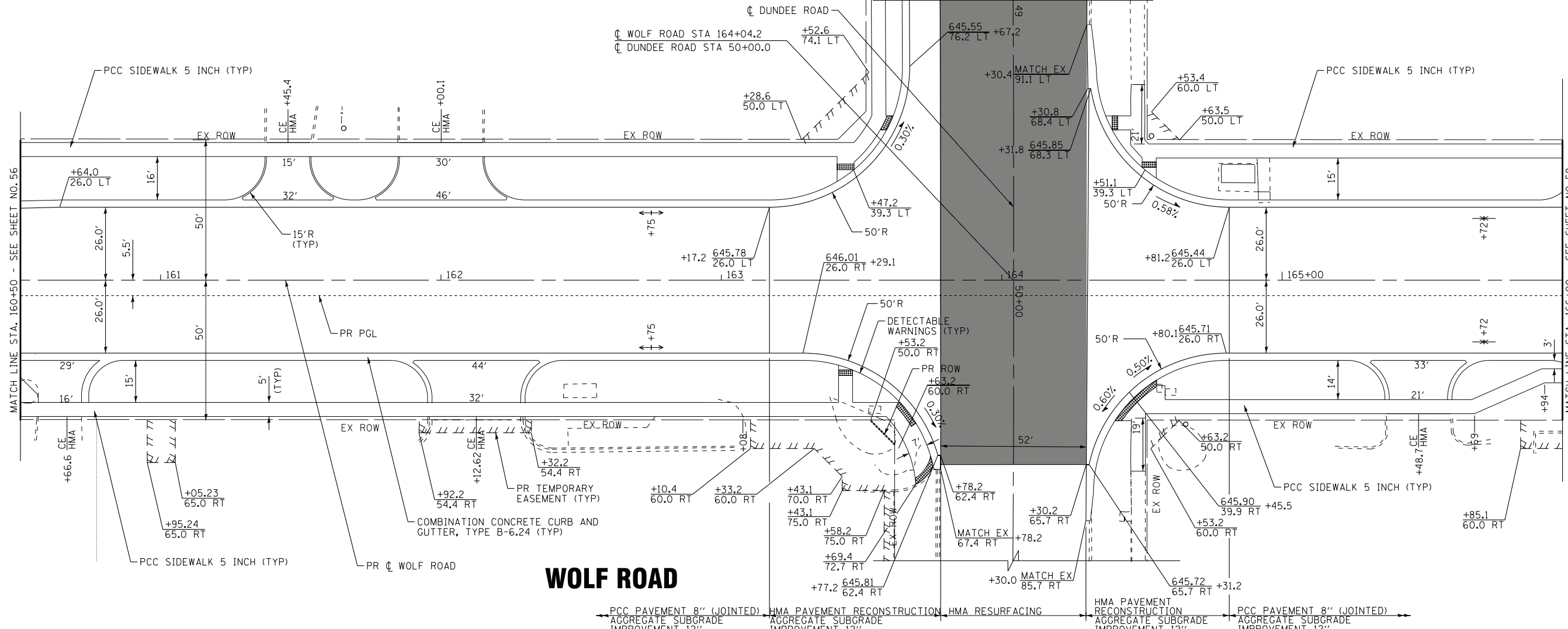
STA. 155+00 TO STA. 160+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	56
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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 LICENSE NO. - 104-080122 - EXPIRES 12/31/2021
 PROJECT NO. - 160T05 - WOLF RD
 11/28/2020

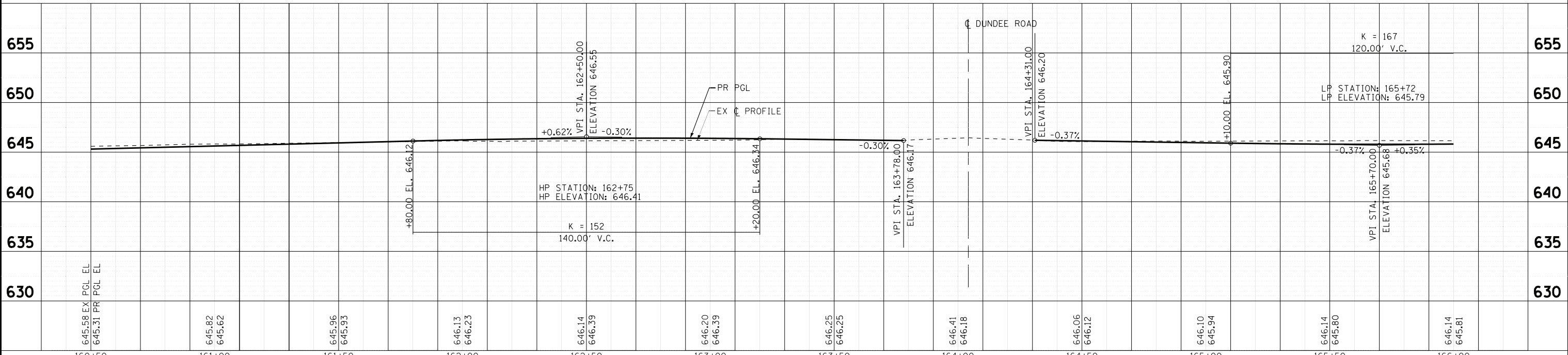
DUNDEE RD

FOR CONTINUATION - SEE SHEET NO. 64



WOLF ROAD

PCC PAVEMENT 8" (JOINTED) AGGREGATE SUBGRADE IMPROVEMENT 12" HMA PAVEMENT RECONSTRUCTION AGGREGATE SUBGRADE IMPROVEMENT 12" HMA RESURFACING HMA PAVEMENT RECONSTRUCTION AGGREGATE SUBGRADE IMPROVEMENT 12" PCC PAVEMENT 8" (JOINTED) AGGREGATE SUBGRADE IMPROVEMENT 12"



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645.58 EX PGL EL	645.31 PR PGL EL	645.82	645.62	645.96	645.93	646.13	646.23	646.14	646.39	646.20	646.39	646.25	646.25	646.41	646.18	646.06	646.12	646.10	645.94	646.14	645.80	646.14	645.81
160+50	161+00	161+50	162+00	162+50	163+00	163+50	164+00	164+50	165+00	165+50	166+00												

BAXTER & WOODMAN
consulting engineers

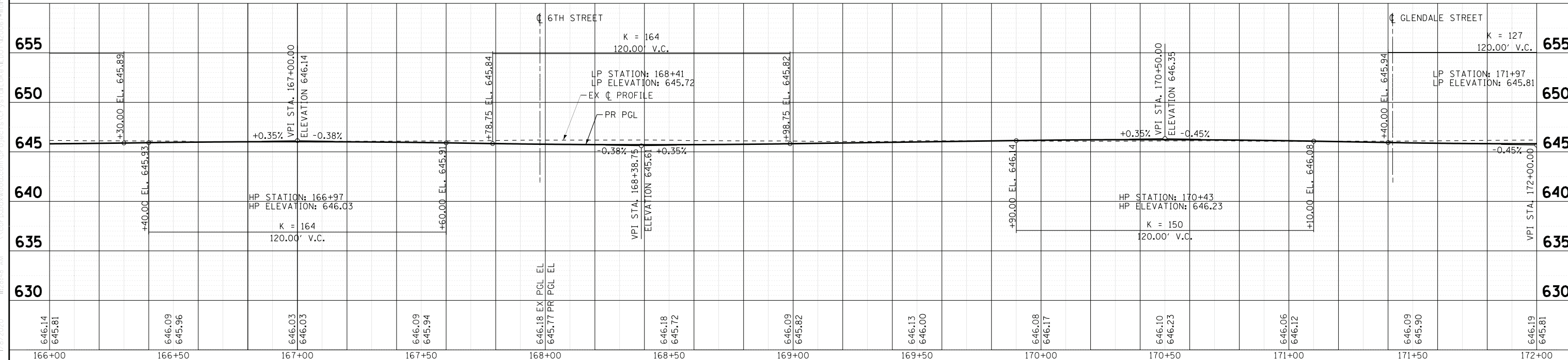
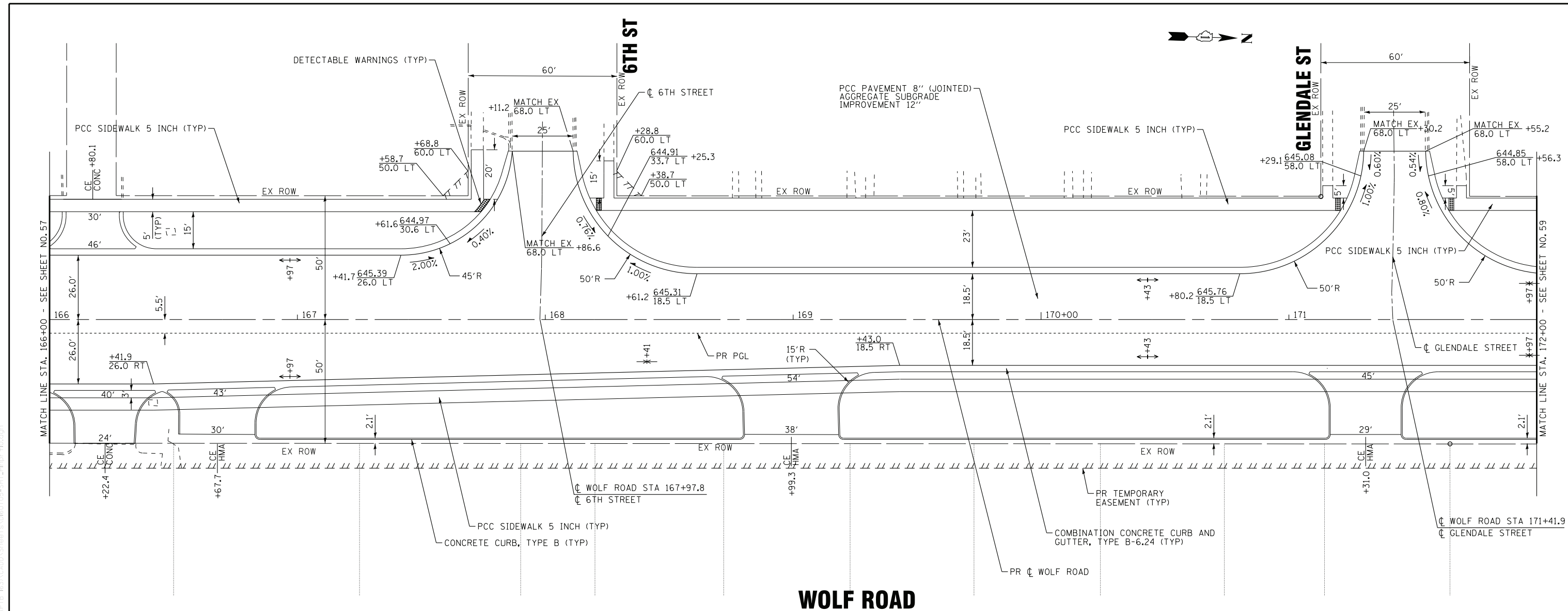
DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_PlanPrf9.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5'	STA. 160+50 TO STA. 166+00	F.A.U. R.T.E. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 57
		FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 60T05



646.14 645.81	646.09 645.96	646.03 646.03	646.09 645.94	646.18 645.72	646.09 645.82	646.13 646.00	646.08 646.17	646.10 646.23	646.06 646.12	646.09 645.90	646.19 645.81
166+00	166+50	167+00	167+50	168+00	168+50	169+00	169+50	170+00	170+50	171+00	172+00

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DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf10.dgn

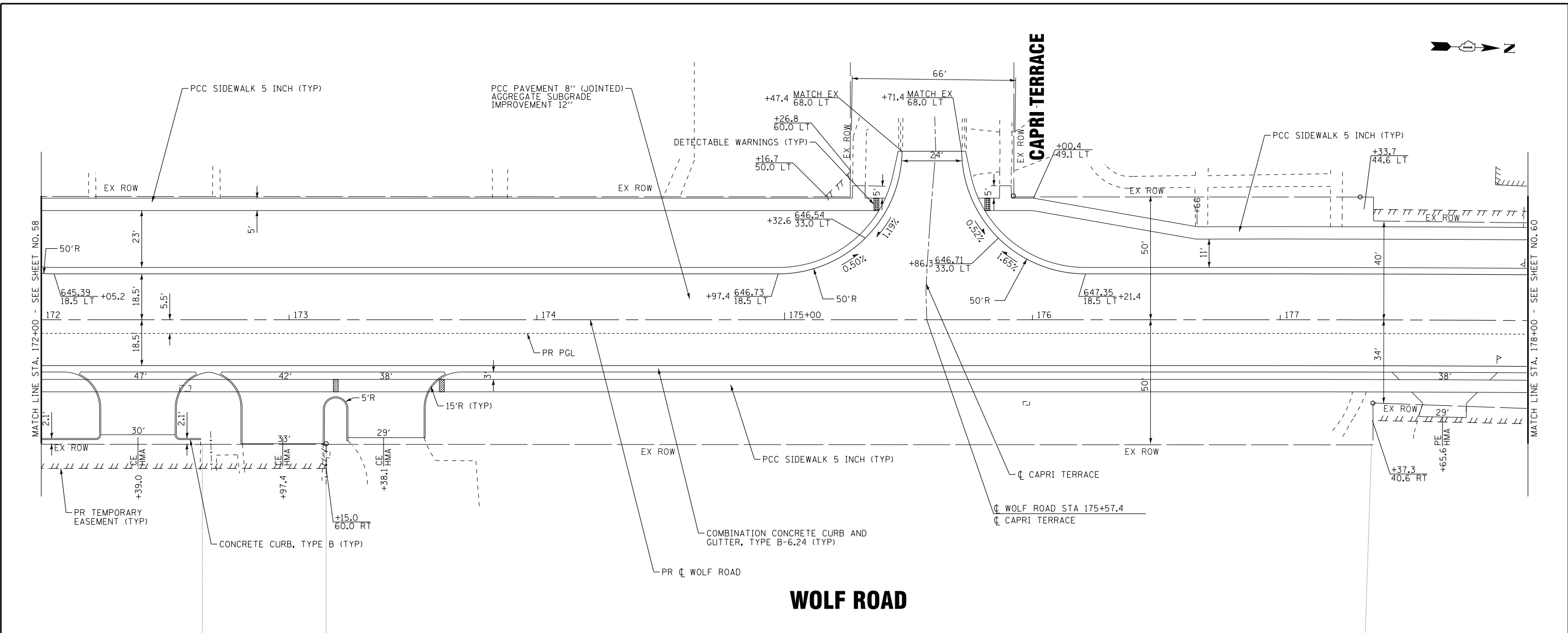
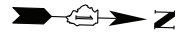
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
WOLF ROAD**

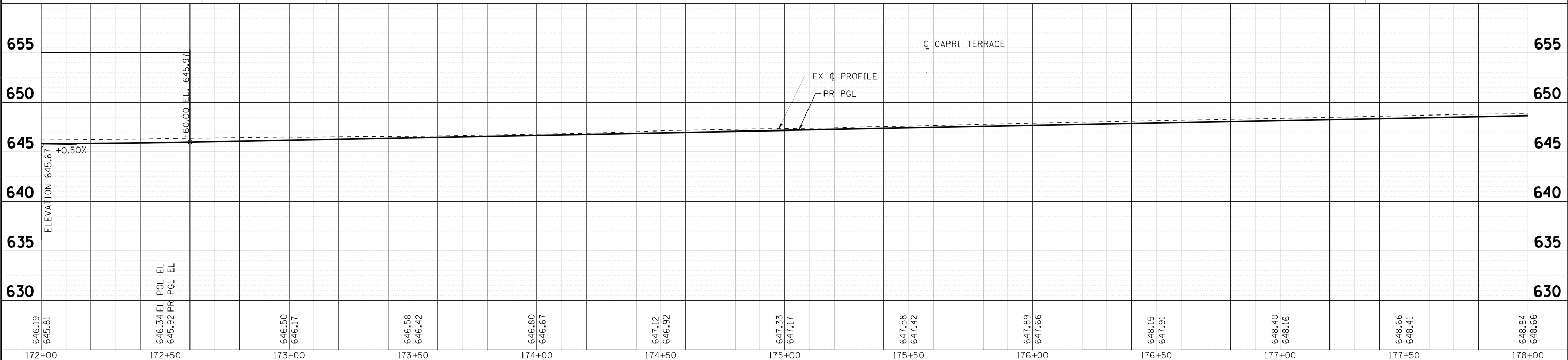
SCALE: H: 1"=20' V: 1"=5' STA. 166+00 TO STA. 172+00

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 58
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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WOLF ROAD



646.19 645.81	646.34 EL PGL EL 645.92 PR PGL EL	646.50 646.17	646.58 646.42	646.80 646.67	647.12 646.92	647.33 647.17	647.58 647.42	647.89 647.66	648.15 647.91	648.40 648.16	648.66 648.41	648.84 648.66
172+00	172+50	173+00	173+50	174+00	174+50	175+00	175+50	176+00	176+50	177+00	177+50	178+00

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DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf11.dgn

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DEPARTMENT OF TRANSPORTATION

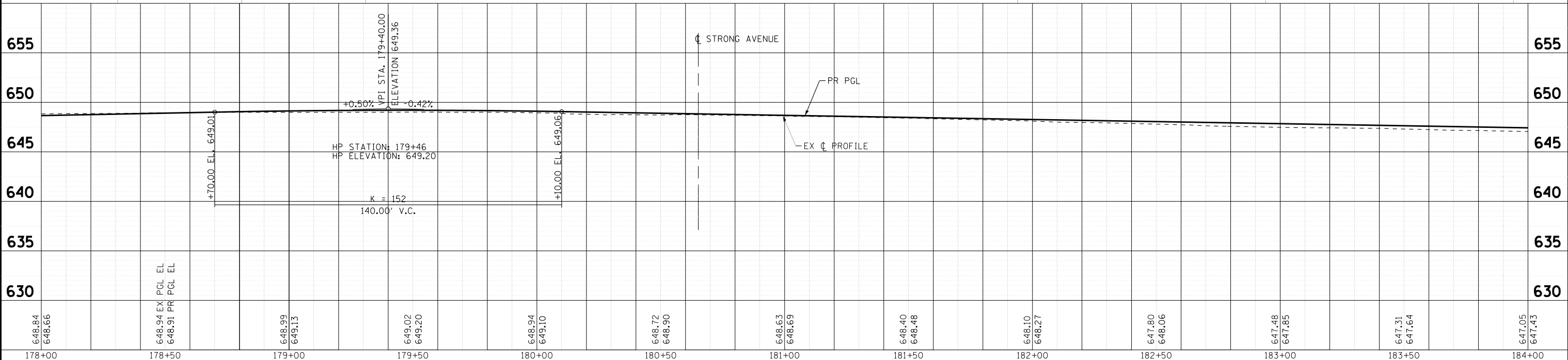
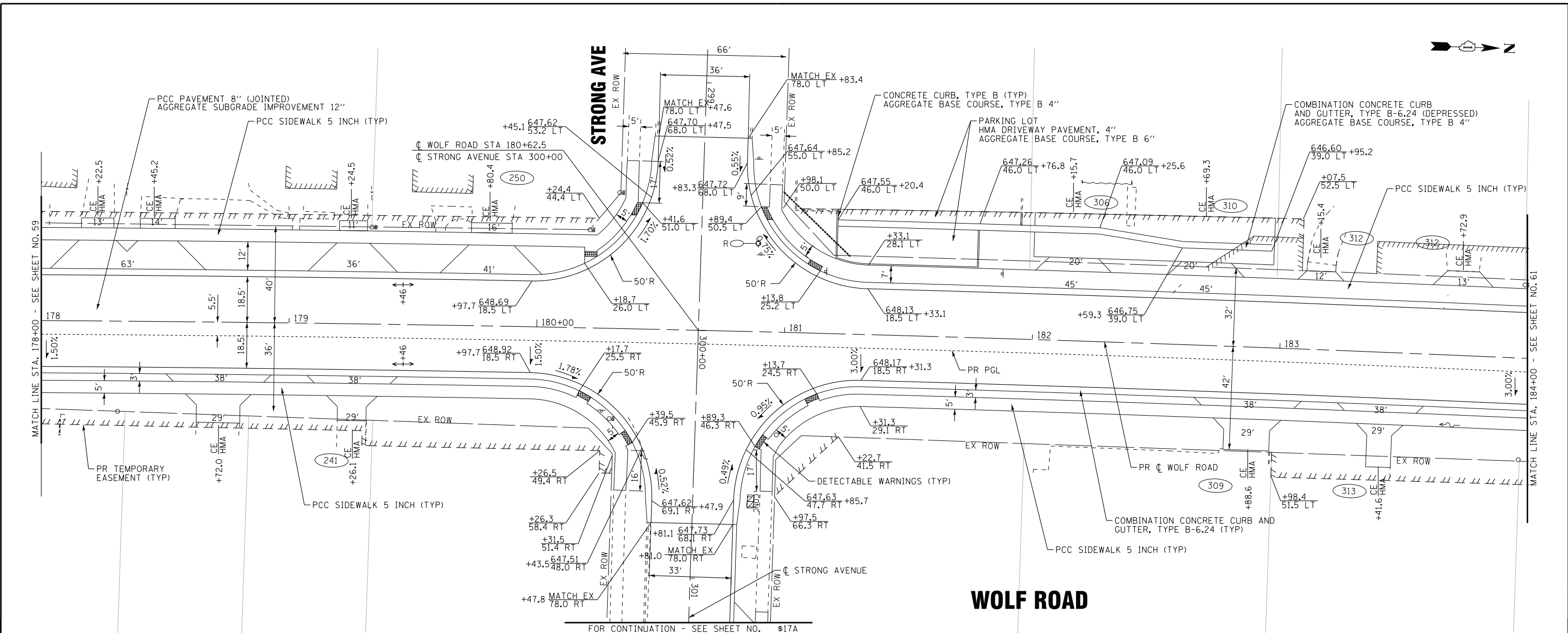
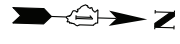
PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5'

STA. 172+00 TO STA. 178+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	59
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
178+00	648.84 648.66	178+50	648.94 648.91	179+00	648.99 649.13	179+50	649.02 649.20	180+00	648.94 649.10	180+50	648.72 648.90	181+00	648.63 648.69	181+50	648.40 648.48
182+00	648.10 648.27	182+50	647.80 648.06	183+00	647.48 647.85	183+50	647.31 647.64	184+00	647.05 647.43						

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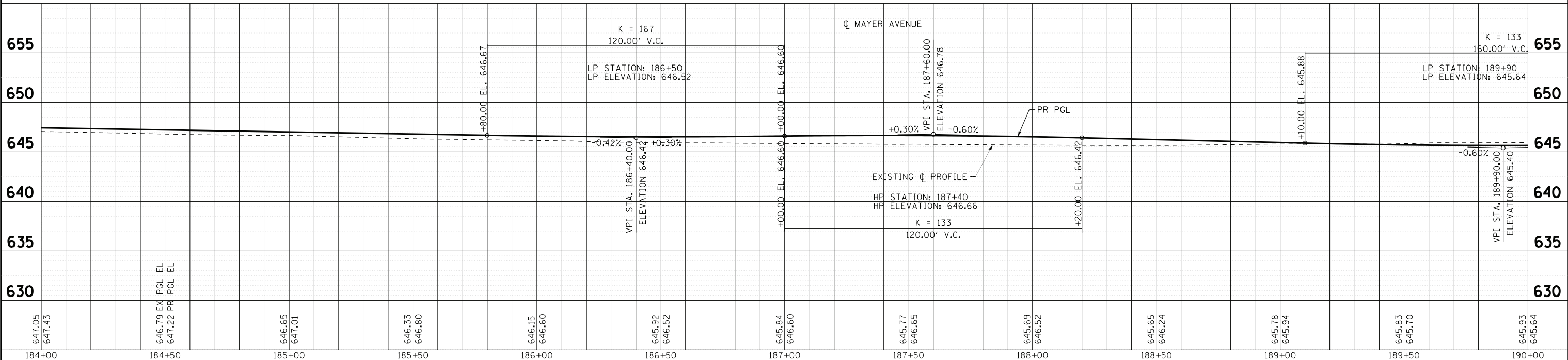
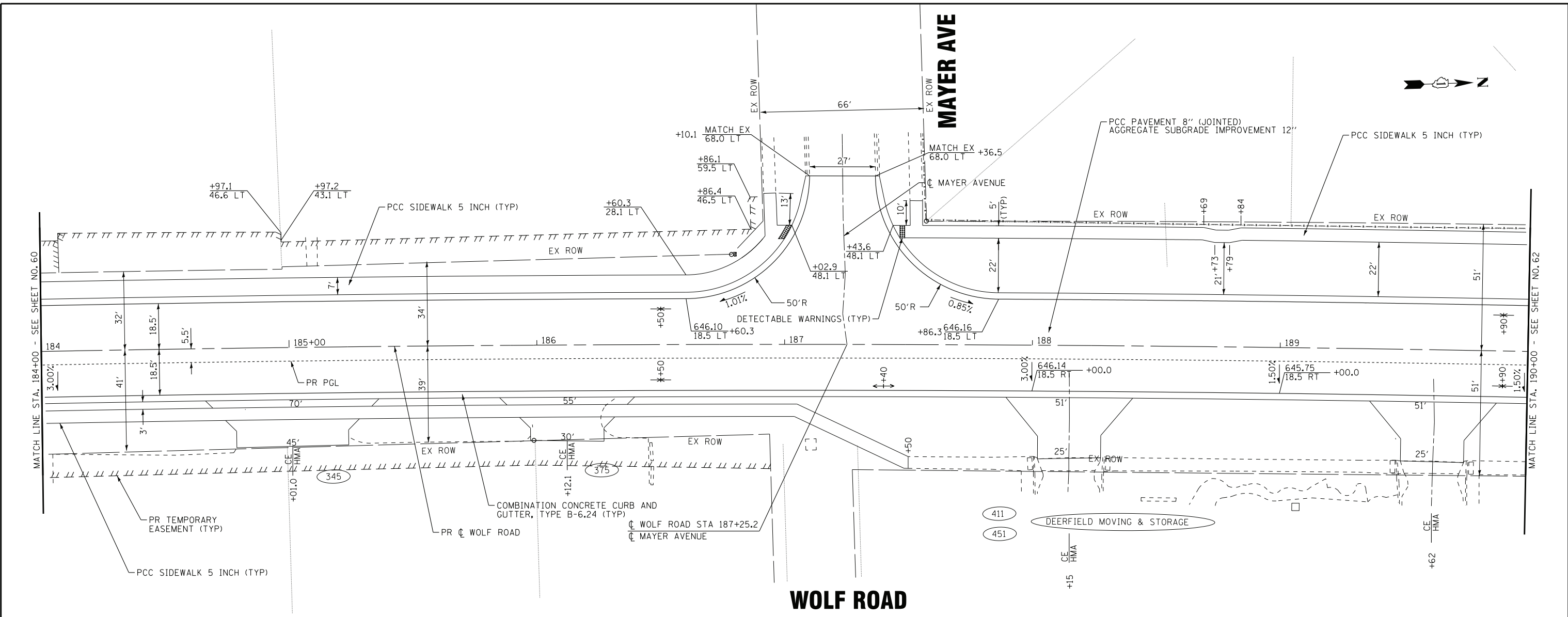
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DATE - 1-10-20	FILE - D160T05-SHT_Plnprf12.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
WOLF ROAD**

SCALE: H: 1"=20' V: 1"=5'	STA. 178+00 TO STA. 184+00	F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 60
		FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 60
CONTRACT NO. 60T05				



647.05	647.43	646.79 EX PGL EL 647.22 PR PGL EL	646.65 647.01	646.33 646.80	646.15 646.60	645.92 646.52	645.84 646.60	645.77 646.65	645.69 646.52	645.65 646.24	645.78 645.94	645.83 645.70	645.93 645.64
184+00	184+50	185+00	185+50	186+00	186+50	187+00	187+50	188+00	188+50	189+00	189+50	190+00	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
WOLF ROAD**

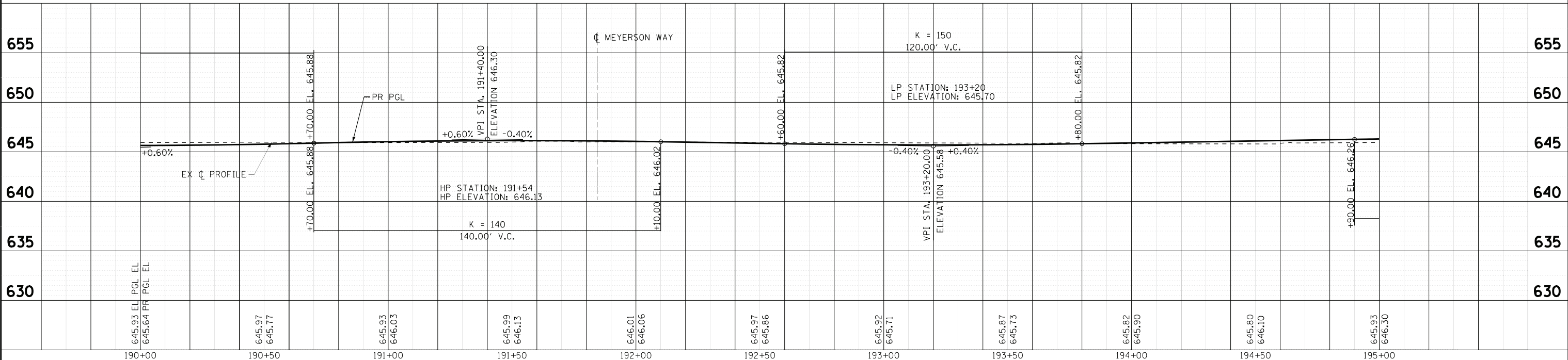
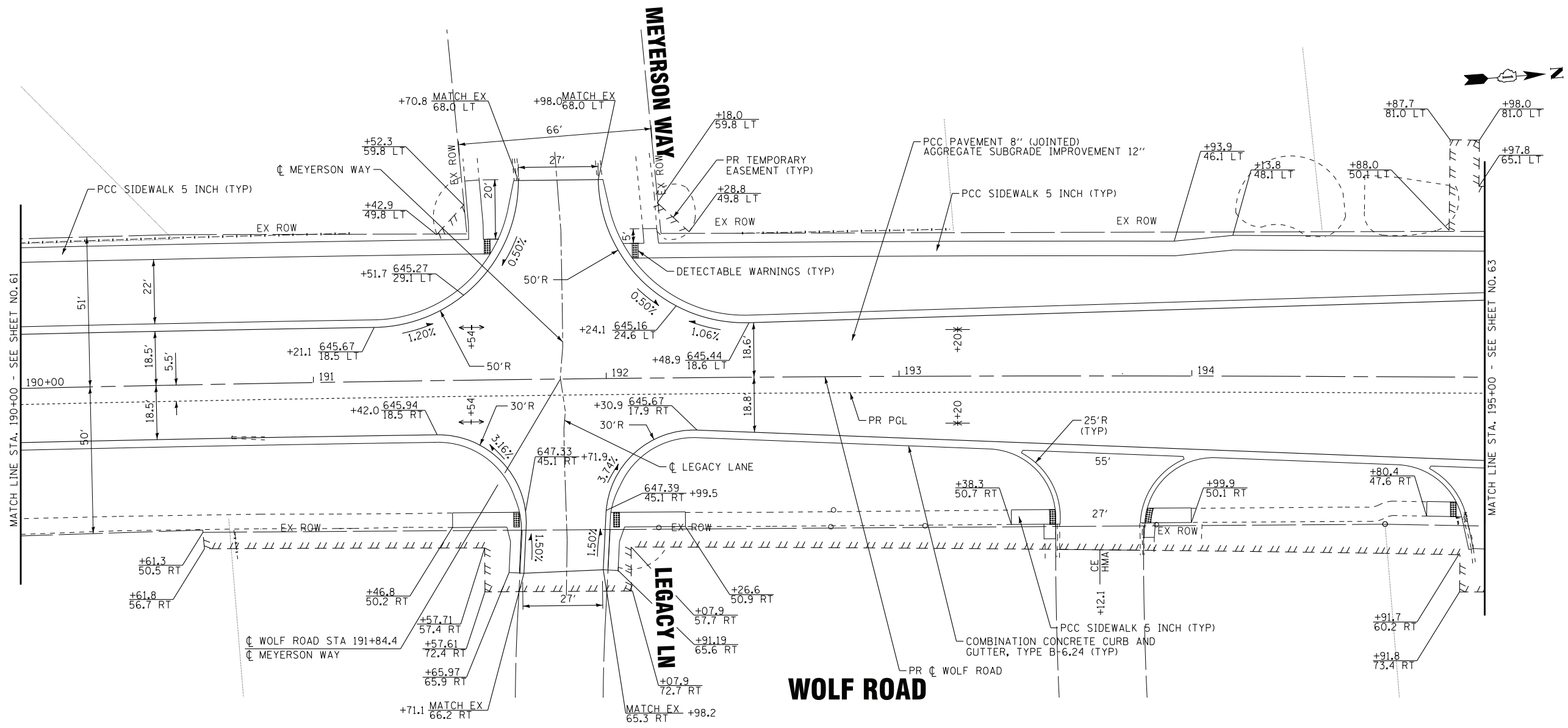
SCALE: H: 1"=20' V: 1"=5'

STA. 184+00 TO STA. 190+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	61
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		CONTRACT NO. 60T05		

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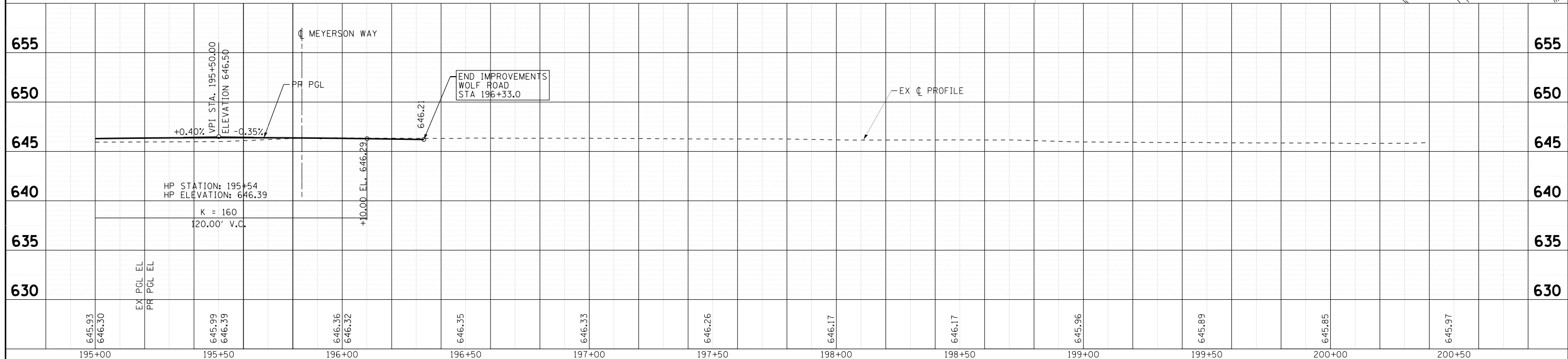
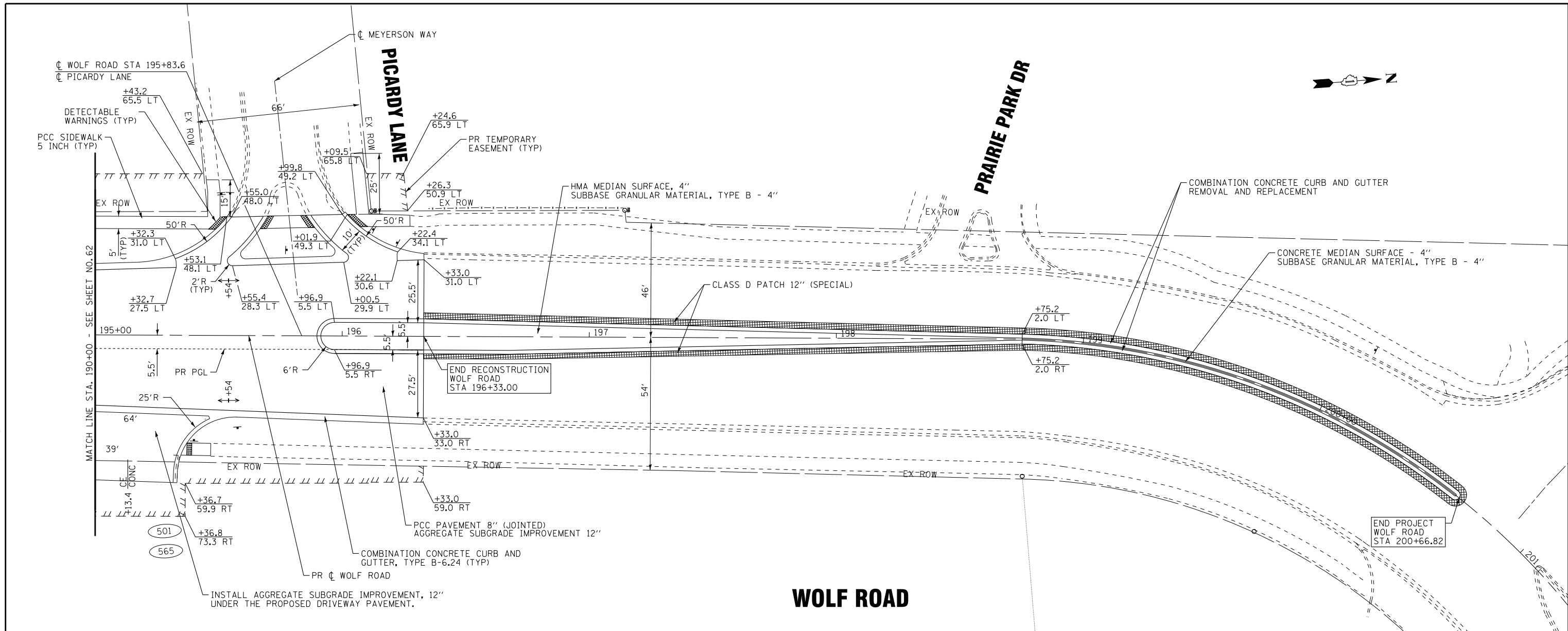
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DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf14.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5' STA. 190+00 TO STA. 195+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	62
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	



645.93	646.30	EX PGL EL	645.99	646.39	PR PGL EL	646.36	646.32	646.35	646.33	646.26	646.17	646.17	645.96	645.89	645.85	645.97
195+00	195+50		196+00	196+50		197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50			

BAXTER & WOODMAN
consulting engineers

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf15.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

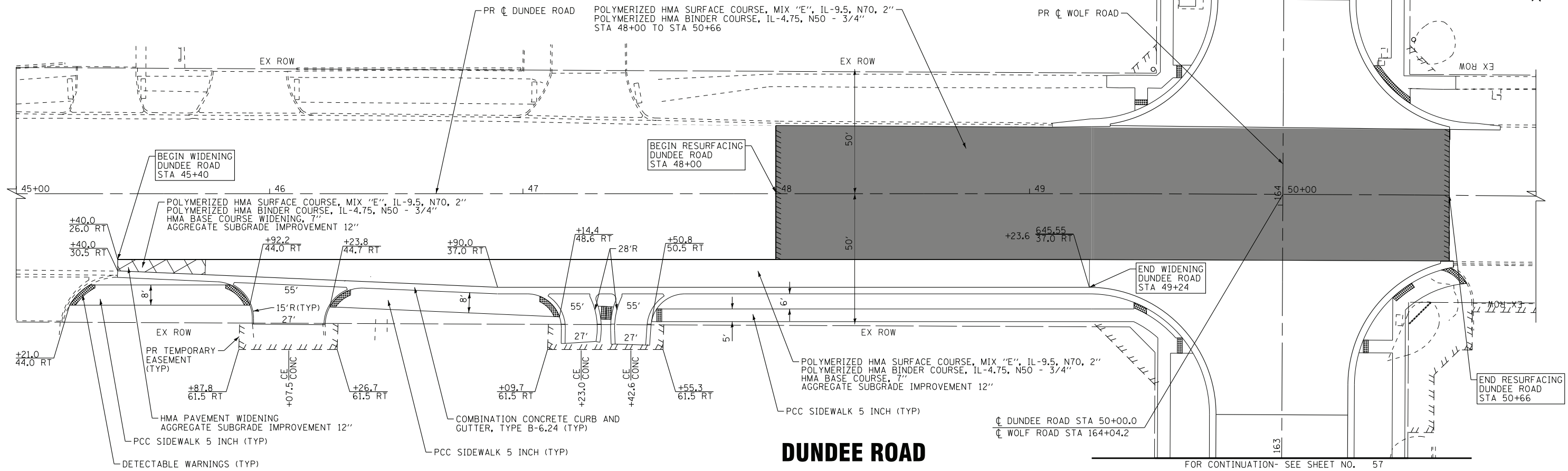
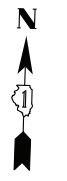
PLAN & PROFILE
WOLF ROAD

SCALE: H: 1"=20' V: 1"=5'	STA. 195+00 TO STA. 200+50	F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 63
		FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

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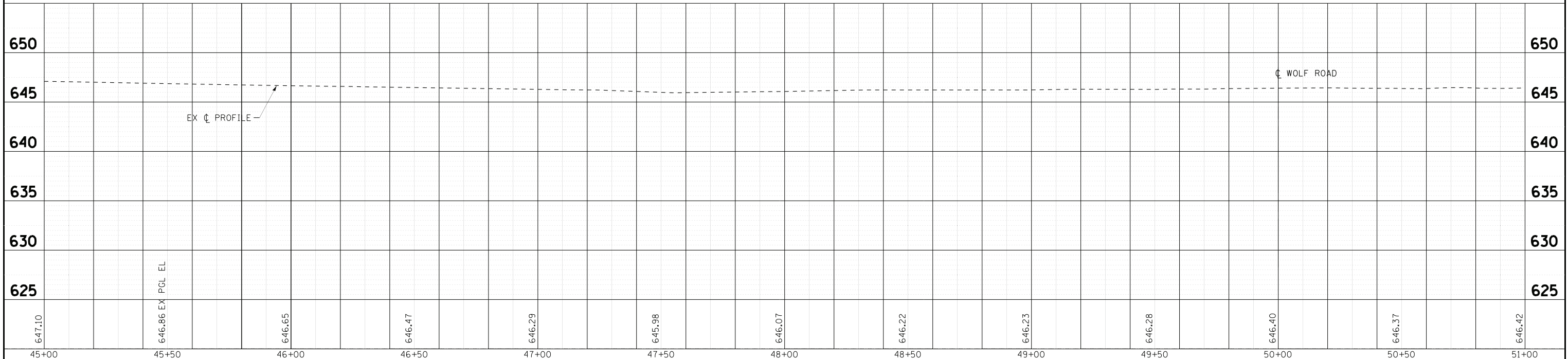
WOLF ROAD

FOR CONTINUATION - SEE SHEET NO. 57



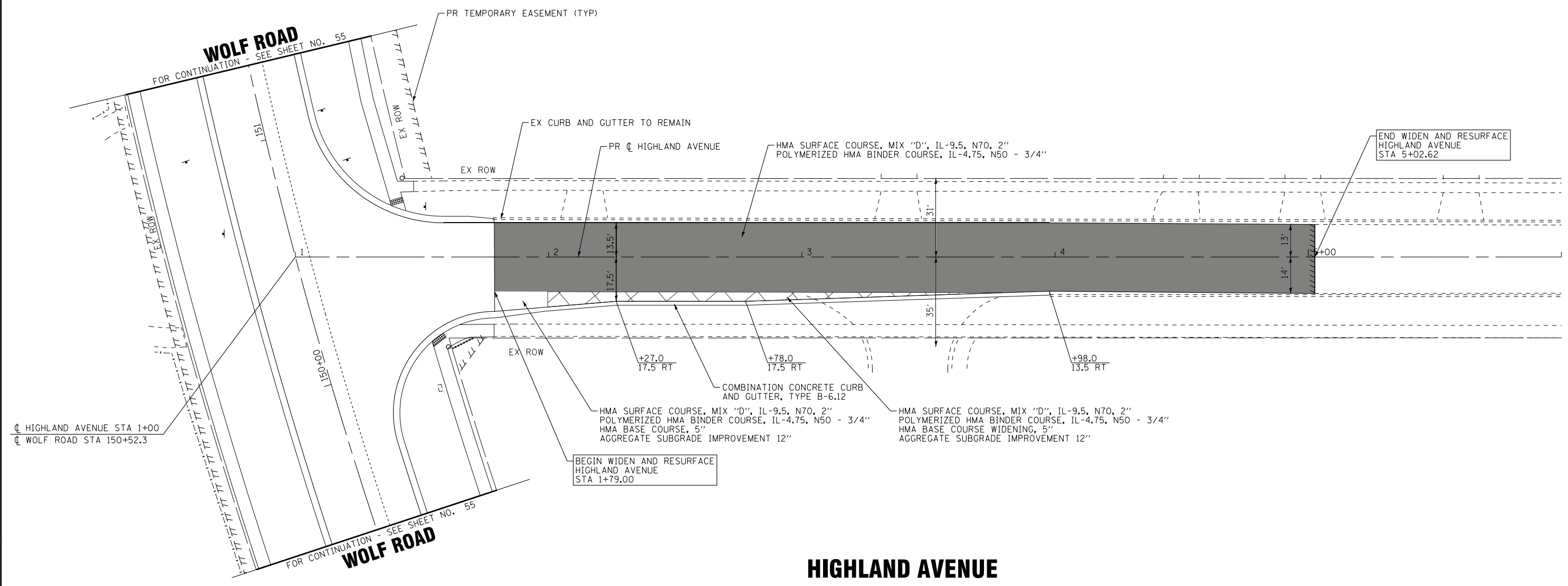
DUNDEE ROAD

FOR CONTINUATION - SEE SHEET NO. 57



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BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE DUNDEE ROAD		F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 64
	DRAWN - CJC	REVISED -		SCALE: H: 1"=20' V: 1"=5'		STA. 45+00 TO STA. 51+00	CONTRACT NO. 60T05		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
CHECKED - JFM	REVISED -									
DATE - 1-10-20	FILE - D160T05-SHT_Plnprf16.dgn									



HIGHLAND AVENUE

																									WOLF ROAD																										
																									EX PGL EL	PR PGL EL																									

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 PROJECT: 184-080121 - EXPIRES 4/30/2021
 PROJECT LOCATION: ...
 PROJECT NO.: ...
 PROJECT DATE: 1/8/2020

BAXTER & WOODMAN <small>consulting engineers</small>	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_Plnprf17.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
HIGHLAND AVENUE

SCALE: H: 1"=20' V: 1"=5' STA. 1+00 TO STA. 6+00

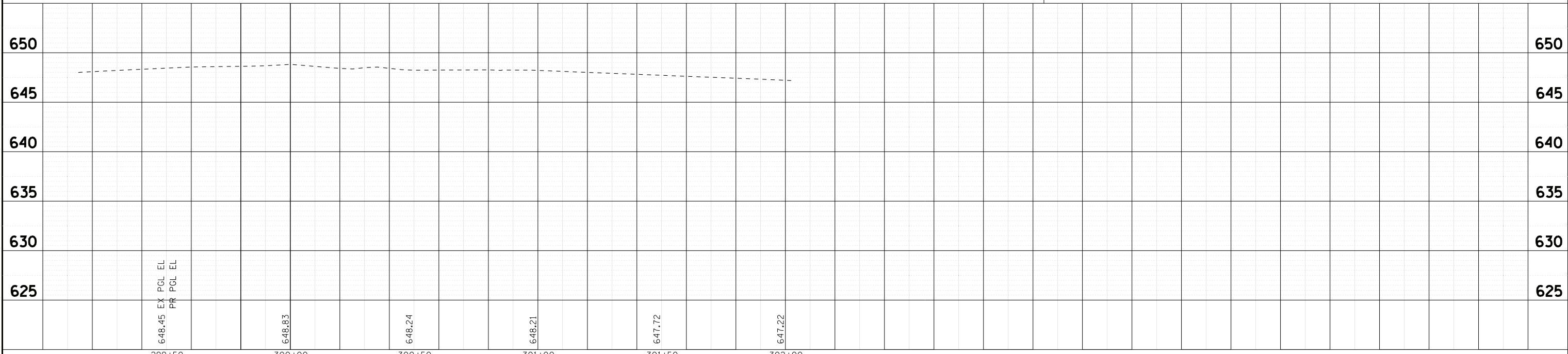
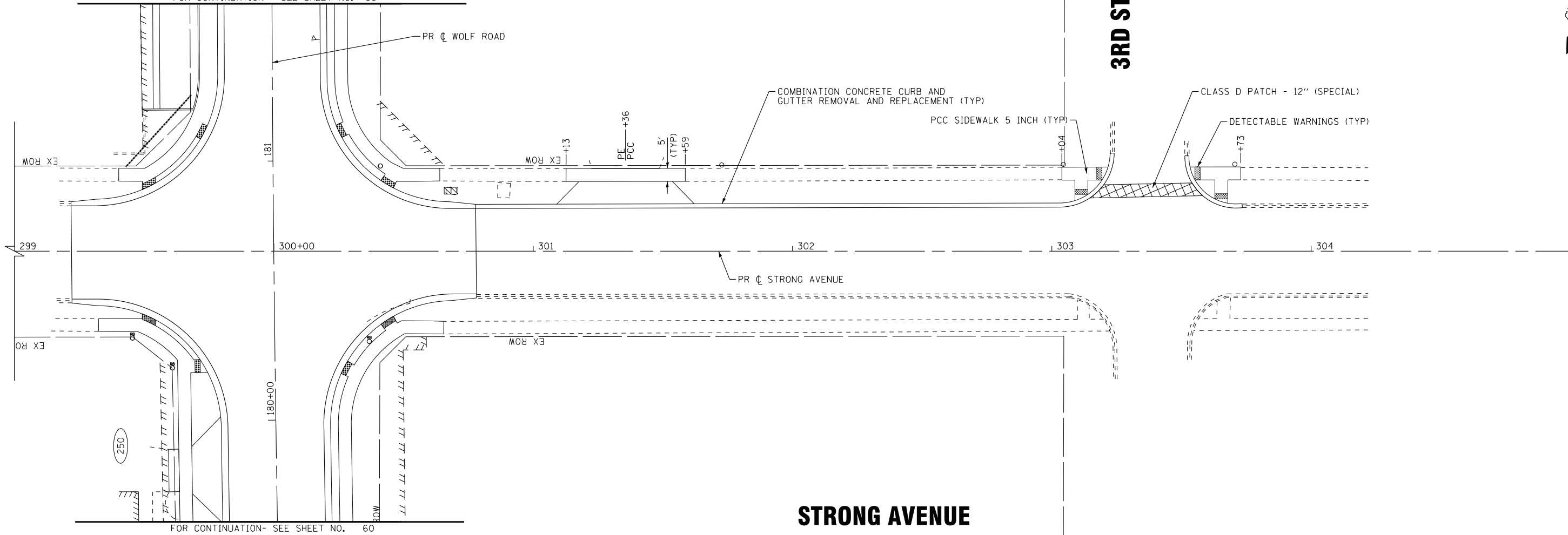
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	65
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	

WOLF ROAD

FOR CONTINUATION - SEE SHEET NO. 60

3RD STREET

STRONG AVENUE



299+50	300+00	300+50	301+00	301+50	302+00
648.45 EX PGL EL PR PGL EL	648.83	648.24	648.21	647.72	647.22

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BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_Plnprf17a.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
STRONG AVENUE**

SCALE: H: 1"=20' V: 1"=5'

STA. 299+00 TO STA. 305+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	66
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 22' CLEAR ROADWAY WIDTH FOR TWO-WAY TRAFFIC FLOW, EXCEPT DURING PRE-STAGE 1 WHERE ONLY 20' CLEAR ROADWAY WIDTH IS AVAILABLE. A LEFT TURN LANE AT DUNDEE ROAD SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT. INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
3. TYPE II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE PLACED AT 50' INTERVALS ALONG THE PROPOSED WORK ZONE, 20' WITHIN TAPERED SECTIONS, AND 10' ON CURVES/RADII OR AS DIRECTED BY THE ENGINEER.
4. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. QUANTITIES TO RE-STRIPE EACH STAGE HAVE BEEN PROVIDED, ALL MARKINGS REQUIRING REPLACEMENT AFTER THE THIRD PLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
5. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.
6. THE CLOSURE OF ONE THRU TRAFFIC LANE FOR ANY REASON SHALL BE RESTRICTED TO THE WEEKDAY HOURS OF 9:00 A.M. TO 3:00 P.M.
7. ALL DRIVEWAYS SHALL BE OPEN TO TRAFFIC DURING CONSTRUCTION UNLESS WRITTEN AGREEMENT BETWEEN THE CONTRACTOR AND LANDOWNER ALLOW FOR THE FULL CLOSURE OF DRIVEWAY.
8. COMMERCIAL DRIVEWAYS SHALL BE SIGNED PER DISTRICT 1 STANDARD TC-26 - DRIVEWAY ENTRANCE SIGNING.
9. SIDEWALK CLOSURES SHALL BE PERFORMED USING STANDARD 701801.
10. 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.
11. ALL APPLICABLE SCHOOL CROSSING ASSEMBLY SIGNS (S1-1 AND W16-7P) AND CROSSINGS SHALL BE MODIFIED / MAINTAINED TO STAY IN COMPLIANCE WITH APPLICABLE ADA STANDARDS.

PRE-STAGE 1

1. MAINTAIN EXISTING TWO-WAY TRAFFIC FLOW ON WOLF ROAD EXCEPT AT WORK ZONE LOCATIONS (ONLY DURING ALLOWABLE HOURS).
2. CONSTRUCT TEMPORARY PAVEMENT ON EAST SIDE OF WOLF ROAD
3. THE FOLLOWING SHALL BE PERFORMED USING STANDARD 701501, IF REQUIRED, DURING ALLOWABLE HOURS ONLY AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY)":
 - A. INSTALL TEMPORARY TRAFFIC SIGNALS AT DUNDEE ROAD AND STRONG AVENUE. REMOVE SPECIFIED TRAFFIC CONTROL EQUIPMENT. SEE TEMPORARY TRAFFIC SIGNAL PLANS.
 - B. UTILITY ADJUSTMENTS ALONG BOTH SIDES OF WOLF ROAD AND DUNDEE ROAD.
 - C. CONSTRUCT TEMPORARY STORM SEWER, STORM SEWER LATERALS, PIPE CULVERTS, PATCHES, STRUCTURES, AND DITCHES FOR TEMPORARY DRAINAGE ALONG THE EAST SIDE OF WOLF ROAD.
 - D. CONSTRUCT APPLICABLE PROPOSED STORM SEWER LATERALS WITH PROPOSED OR TEMPORARY STRUCTURES, LATERALS AND STRUCTURES SHALL BE PLACED AT AN ELEVATION AS NECESSARY FOR POSITIVE TEMPORARY DRAINAGE. STRUCTURES NOT BEING USED FOR TEMPORARY DRAINAGE MAY BE CAPPED BELOW RIM ELEVATIONS. REMOVAL OR ADJUSTMENTS OF STRUCTURES WILL BE COMPLETED IN THE APPROPRIATE STAGE.

STAGE 1

1. ESTABLISH ONE-WAY NORTHBOUND TRAFFIC FLOW ALONG THE EAST SIDE OF WOLF ROAD AS SHOWN ON THE PLANS. THIS ONE-WAY DETOUR SHALL ONLY TAKE PLACE BETWEEN THE MONTHS OF MAY AND SEPTEMBER.
2. ESTABLISH DETOUR, SEE "STAGE 1 DETOUR ROUTE" SHEET AND "STAGE 1 DETOUR ROUTE SIGNS" SHEET.
3. REMOVE THE EXISTING PAVEMENT, PAVED SHOULDER, AGGREGATE SHOULDER, MEDIAN, AND CURB AND GUTTER ALONG THE WEST SIDE OF WOLF ROAD.
4. REMOVE EXISTING SIDEWALK AS NEEDED TO CONSTRUCT PERMANANT ADA RAMPS WITH TEMPORARY SIDEWALK CONNECTIONS TO MAINTAIN PEDESTRIAN ACCESS IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.
5. CONSTRUCT MAINLINE STORM SEWER, STORM SEWER LATERALS, CULVERTS, AND PATCHES ALONG WOLF ROAD.
6. CONSTRUCT TEMPORARY STORM SEWER, PIPE CULVERTS, STRUCTURES, AND DITCHES FOR TEMPORARY DRAINAGE ALONG THE WEST SIDE OF WOLF ROAD.
7. CONSTRUCT CONCRETE PAVEMENT FOR SOUTHBOUND LANE AND BI-DIRECTIONAL MEDIAN ON WOLF ROAD, AND TEMPORARY PAVEMENT ALONG WEST EDGE OF PAVEMENT AS SHOWN ON THE PLANS.
8. CONSTRUCT TEMPORARY PAVEMENT WITHIN REMOVED MEDIAN AREA.
9. PLACE TEMPORARY SEEDING AND EROSION CONTROL BLANKET ON WEST SIDE OF ROADWAY.

STAGE 1A – WOLF RD & DUNDEE RD INTERSECTION

1. MAINTAIN THE ONE-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF WOLF ROAD WITH A LEFT TURN LANE.
2. REMOVE THE EXISTING PAVEMENT ALONG THE WEST PORTION OF WOLF ROAD AS SHOWN ON THE PLANS.
3. CONSTRUCT MAINLINE STORM SEWER, STORM SEWER LATERALS, CULVERTS, AND PATCHES ALONG WOLF ROAD.
4. CONSTRUCT TEMPORARY STORM SEWER, PIPE CULVERTS, STRUCTURES, AND DITCHES FOR TEMPORARY DRAINAGE IN THE WEST PORTION OF WOLF ROAD AS SHOWN ON THE PLANS.
5. CONSTRUCT CONCRETE PAVEMENT AND HMA PAVEMENT FOR THE WEST PORTION OF WOLF ROAD AS SHOWN ON THE PLANS.
6. CONSTRUCT TEMPORARY PAVEMENT AT LOCATIONS SHOWN ON THE PLANS.
7. CONSTRUCT HMA PAVEMENT FOR THE EASTBOUND RIGHT TURN LANE ON DUNDEE ROAD AS SHOWN ON THE PLANS.

STAGE 1B – WOLF RD & DUNDEE RD INTERSECTION

1. MAINTAIN THE ONE-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF WOLF ROAD. SHIFT THE LEFT TURN LANE FOR DUNDEE ROAD TO THE WEST SIDE OF WOLF ROAD AS SHOWN ON THE PLANS.
2. REMOVE THE EXISTING PAVEMENT IN THE CENTER PORTION OF WOLF ROAD THROUGH THE LIMITS OF STAGE 1B.
3. CONSTRUCT MAINLINE STORM SEWER, STORM SEWER LATERALS, CULVERTS, AND PATCHES ALONG WOLF ROAD.
4. CONSTRUCT TEMPORARY STORM SEWER, AND STRUCTURES FOR TEMPORARY DRAINAGE IN THE CENTER PORTION OF WOLF ROAD AS SHOWN ON THE PLANS.
5. CONSTRUCT CONCRETE PAVEMENT AND HMA PAVEMENT FOR THE CENTER PORTION OF WOLF ROAD AS SHOWN ON THE PLANS.

STAGE 1C – WOLF RD & DUNDEE RD INTERSECTION

1. SHIFT THE ONE-WAY TRAFFIC FLOW TO THE WEST SIDE OF WOLF ROAD AS SHOWN ON THE PLANS. MAINTAIN THE LEFT TURN LANE FOR DUNDEE ROAD ON THE WEST SIDE OF WOLF ROAD.
2. REMOVE THE EXISTING PAVEMENT, PAVED SHOULDER, AGGREGATE SHOULDER, AND CURB AND GUTTER ALONG THE EAST SIDE OF WOLF ROAD.
3. COMPLETE EAST SIDE STORM SEWER LATERALS, STRUCTURES, STRUCTURE ADJUSTMENTS, CULVERTS, AND DITCHES AS SHOWN ON THE PLANS.
4. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER, CONCRETE PAVEMENT, AND HMA PAVEMENT FOR NORTHBOUND LANE AS SHOWN ON THE PLANS.
5. PLACE PERMANENT SEEDING AND SODDING ON THE EAST SIDE OF ROADWAY AS SHOWN ON THE PLANS.

STAGE 2

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG WEST SIDE OF WOLF ROAD ON NEWLY CONSTRUCTED CONCRETE PAVEMENT AS SHOWN ON THE PLANS.
2. REMOVE THE EXISTING PAVEMENT, PAVED SHOULDER, SIDEWALK, AGGREGATE SHOULDER, AND CURB AND GUTTER ALONG THE EAST SIDE OF WOLF ROAD AS SHOWN ON THE PLANS.
3. COMPLETE EAST SIDE STORM SEWER LATERALS, STRUCTURES, STRUCTURE ADJUSTMENTS, CULVERTS, AND DITCHES.
4. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER, CONCRETE PAVEMENT, AND SIDEWALK ON THE EAST SIDE OF WOLF ROAD AS SHOWN ON THE PLANS.
5. PLACE PERMANENT SEEDING AND SODDING ON THE EAST SIDE OF ROADWAY AS SHOWN ON THE PLANS.

STAGE 3

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG EAST SIDE OF WOLF ROAD ON NEWLY CONSTRUCTED PAVEMENT AS SHOWN ON THE PLANS.
2. COMPLETE WEST SIDE STORM SEWER LATERALS, STRUCTURES, STRUCTURE ADJUSTMENTS, CULVERTS, AND DITCHES.
3. CONSTRUCT REMAINING COMBINATION CONCRETE CURB AND GUTTER AND SIDEWALK ALONG WEST SIDE OF WOLF ROAD AS SHOWN ON PLANS.
4. PLACE PERMANENT SEEDING AND SODDING ON THE WEST SIDE OF ROADWAY.

STAGE 4

1. USE STANDARD 701602 FOR REMOVAL OF TEMPORARY PAVEMENT IN THE MEDIAN AND CONSTRUCT STABILIZED MEDIAN.
2. COMPLETE PERMANENT TRAFFIC SIGNALS.
3. RESURFACE DUNDEE ROAD.
4. PLACE PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS.
5. COMPLETE LANDSCAPING.
6. OPEN ROADWAY TO FINAL TRAFFIC CONFIGURATION AS SHOWN ON THE PLANS.

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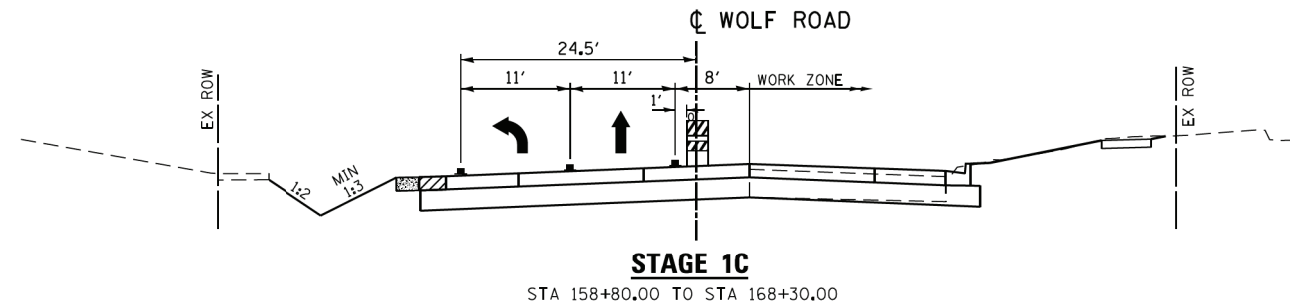
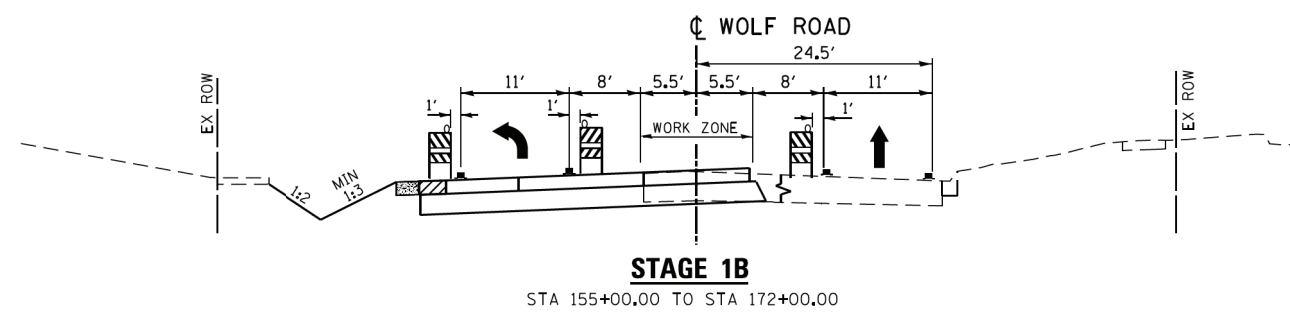
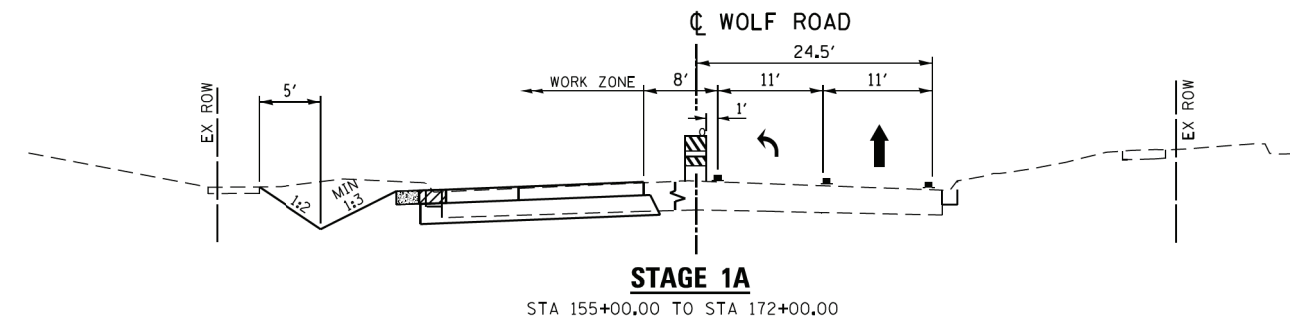
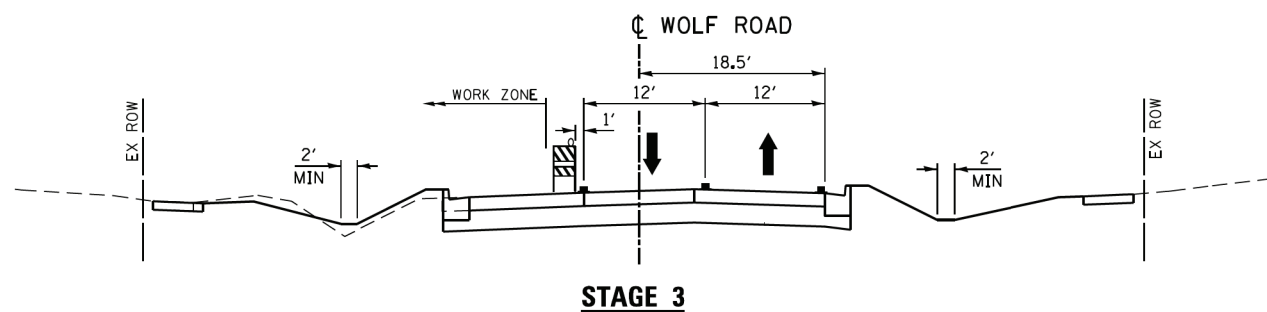
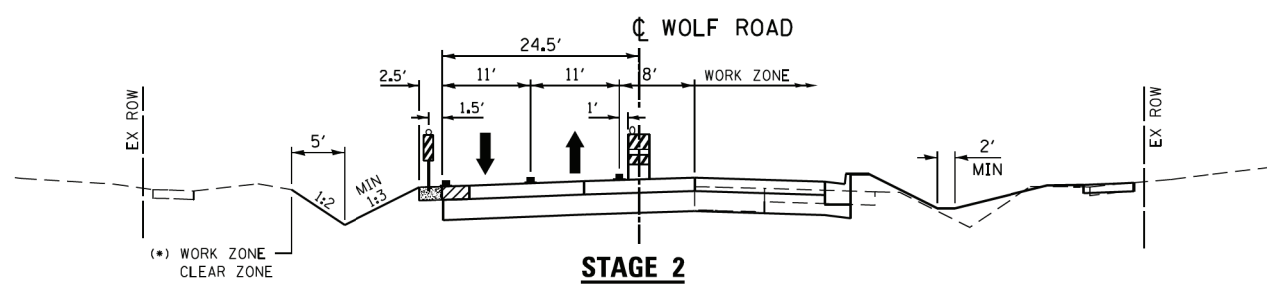
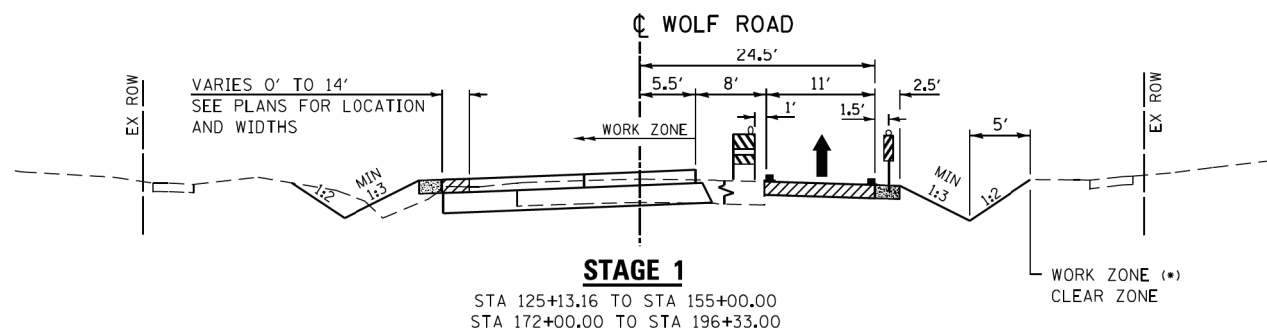
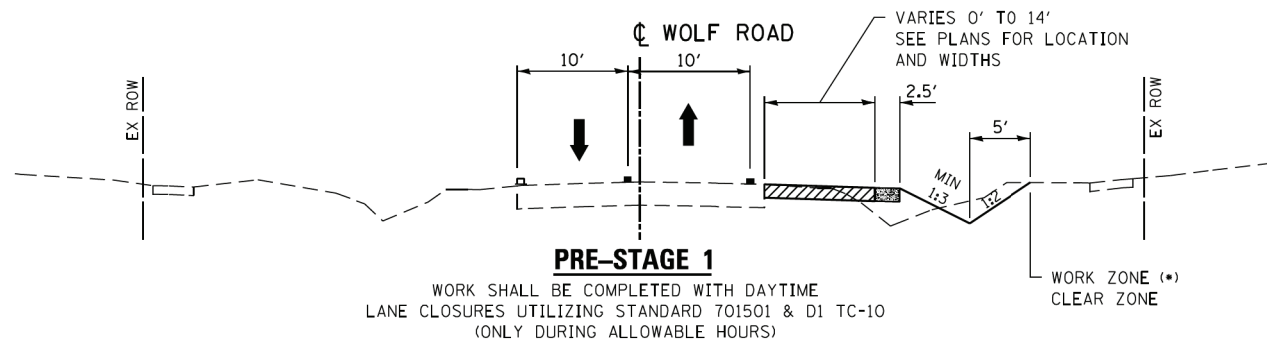
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	67
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

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(*) IF BACKSLOPE IS STEEPER THAN 1:3, THAN THE 5' PAST THE TOE OF THE BACKSLOPE SHOULD BE CLEAR OF ROADSIDE HAZARDS

LEGEND

- TEMPORARY PAVEMENT
2" HMA SURFACE COURSE MIX "D", N70 (IL 9.5MM)
HMA BINDER IL 19MM 6"
SUBBASE GRANULAR MATERIAL TYPE B, 4"
- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
(SEE PLAN SHEETS FOR SPECIFIC TYPES)
- TYPE II BARRICADE OR DRUM
- DOUBLE VERTICAL PANELS (BACK TO BACK)
- DIRECTION OF TRAVEL



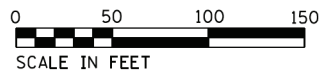
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGING TYPICALS

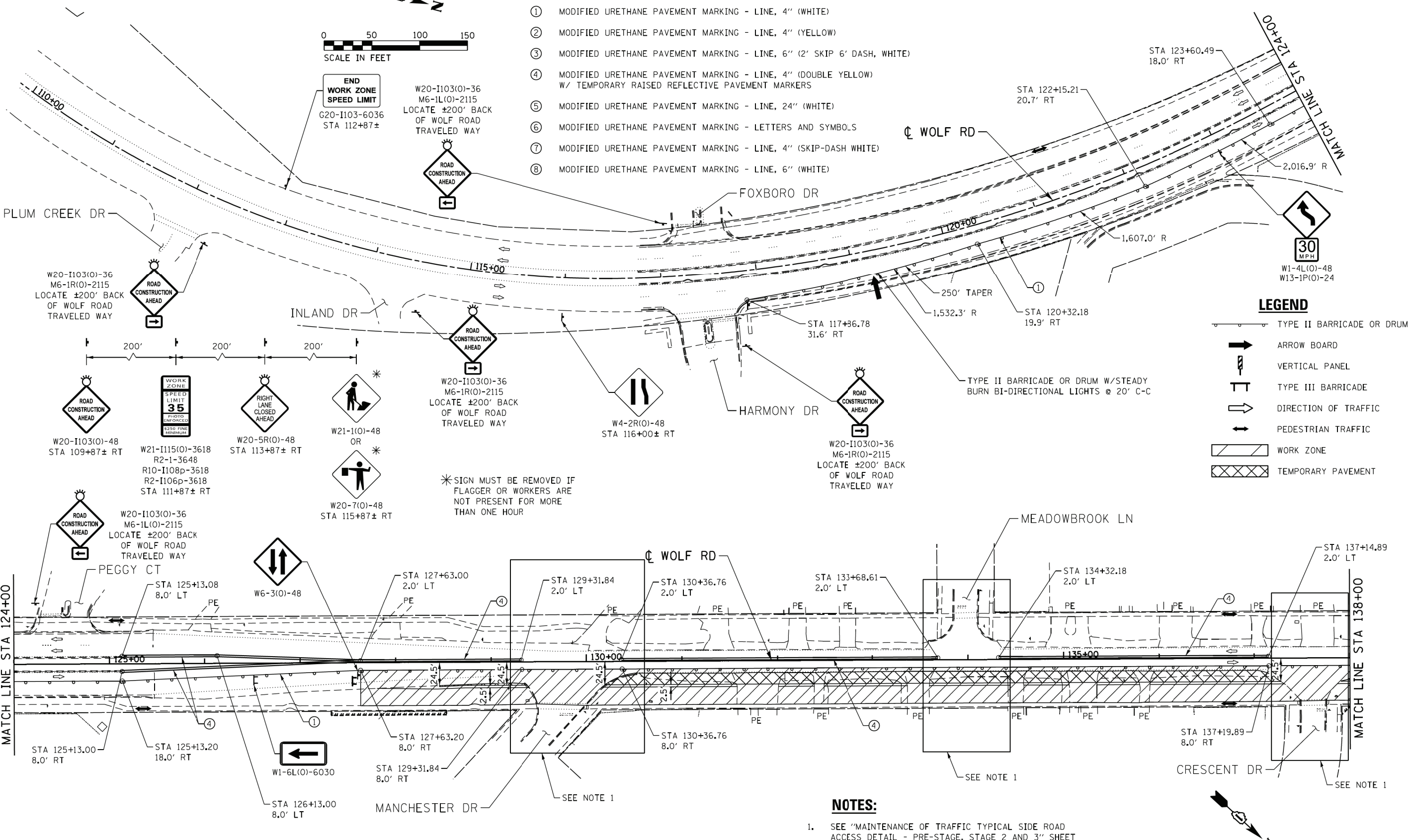
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	68
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)

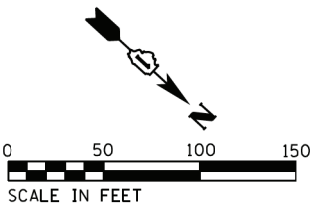


- ### LEGEND
- TYPE II BARRICADE OR DRUM
 - ARROW BOARD
 - VERTICAL PANEL
 - TYPE III BARRICADE
 - DIRECTION OF TRAFFIC
 - PEDESTRIAN TRAFFIC
 - WORK ZONE
 - TEMPORARY PAVEMENT

* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

NOTES:

1. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.



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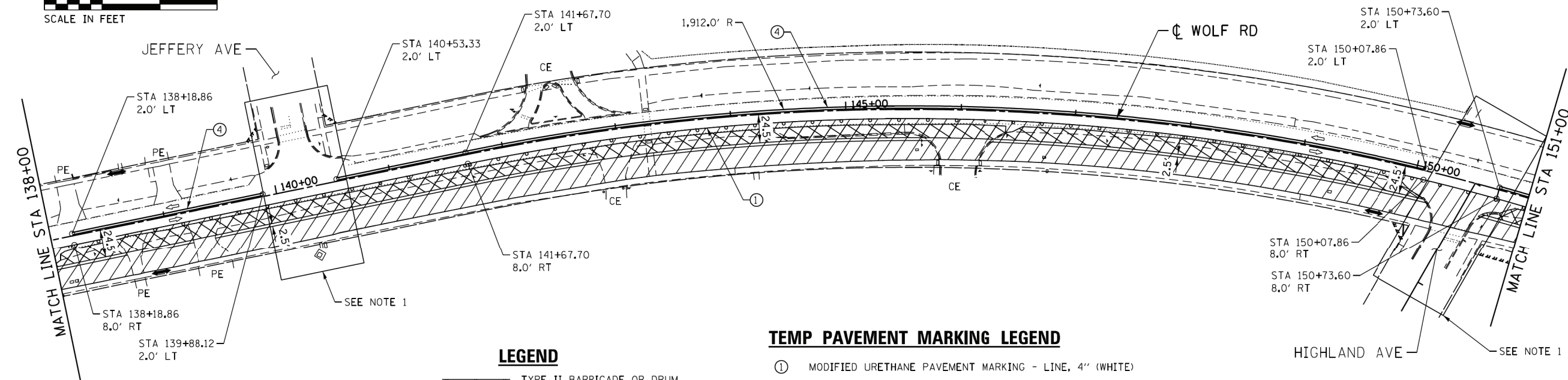
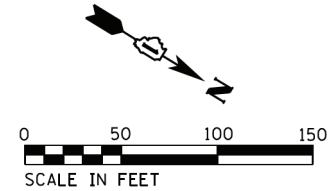
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRE-STAGE 1 - PLAN**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

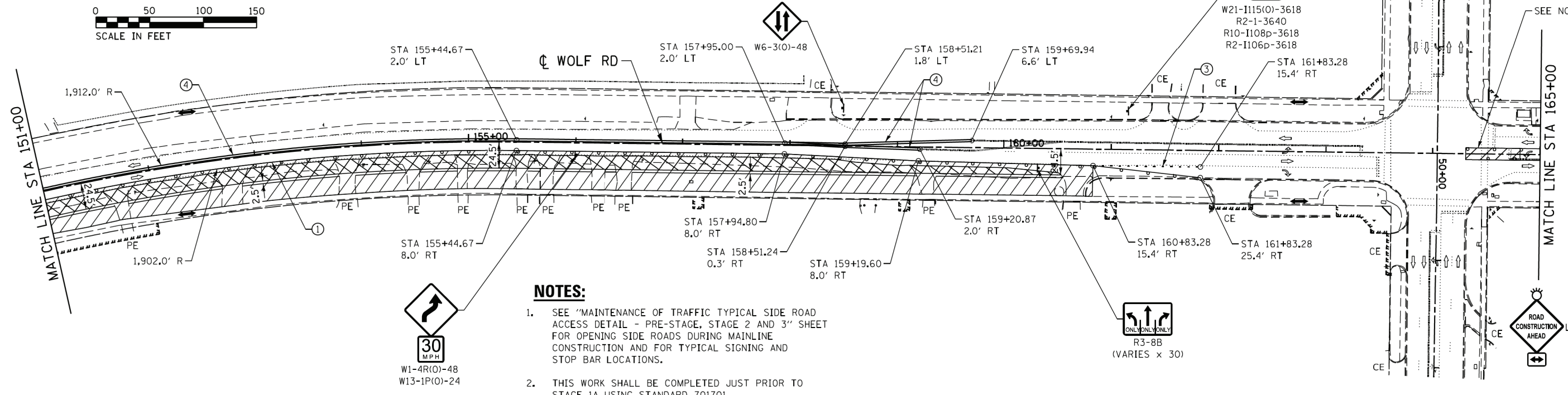
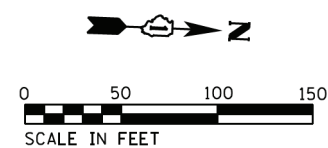
F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 69
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



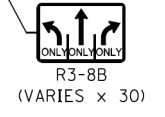
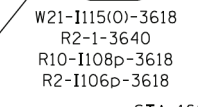
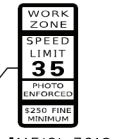
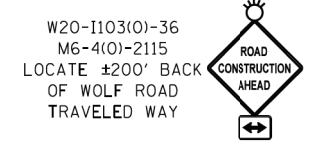
- LEGEND**
- TYPE II BARRICADE OR DRUM
 - ARROW BOARD
 - VERTICAL PANEL
 - TYPE III BARRICADE
 - DIRECTION OF TRAFFIC
 - PEDESTRIAN TRAFFIC
 - WORK ZONE
 - TEMPORARY PAVEMENT

TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)



- NOTES:**
- SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
 - THIS WORK SHALL BE COMPLETED JUST PRIOR TO STAGE 1A USING STANDARD 701701.



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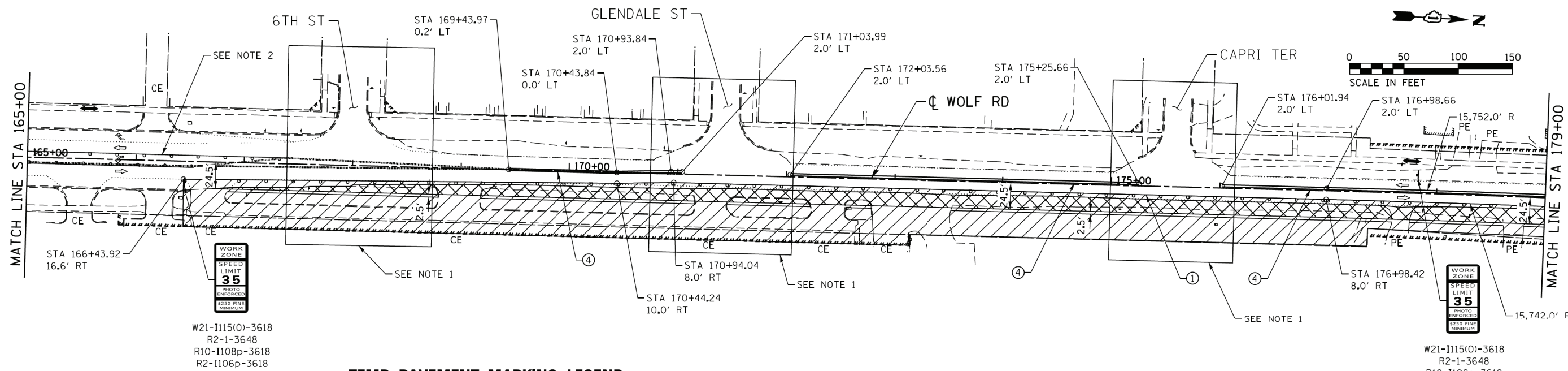
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PRE-STAGE 1 - PLAN

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	70
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



W21-I115(O)-3618
R2-1-3648
R10-I108p-3618
R2-I106p-3618

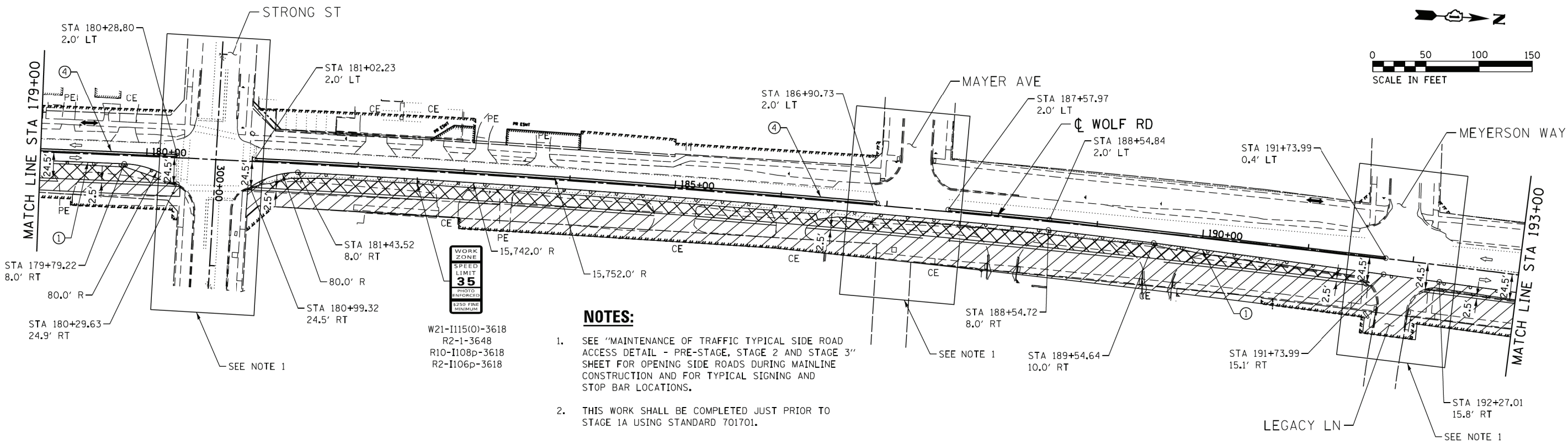
W21-I115(O)-3618
R2-1-3648
R10-I108p-3618
R2-I106p-3618

TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)

LEGEND

- TYPE II BARRICADE OR DRUM
- ➔ ARROW BOARD
- ▮ VERTICAL PANEL
- ⊥ TYPE III BARRICADE
- ➔ DIRECTION OF TRAFFIC
- ⬇ PEDESTRIAN TRAFFIC
- ▨ WORK ZONE
- ▩ TEMPORARY PAVEMENT



W21-I115(O)-3618
R2-1-3648
R10-I108p-3618
R2-I106p-3618

- NOTES:**
- SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND STAGE 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
 - THIS WORK SHALL BE COMPLETED JUST PRIOR TO STAGE 1A USING STANDARD 701701.

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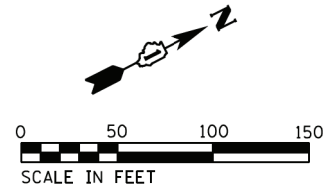
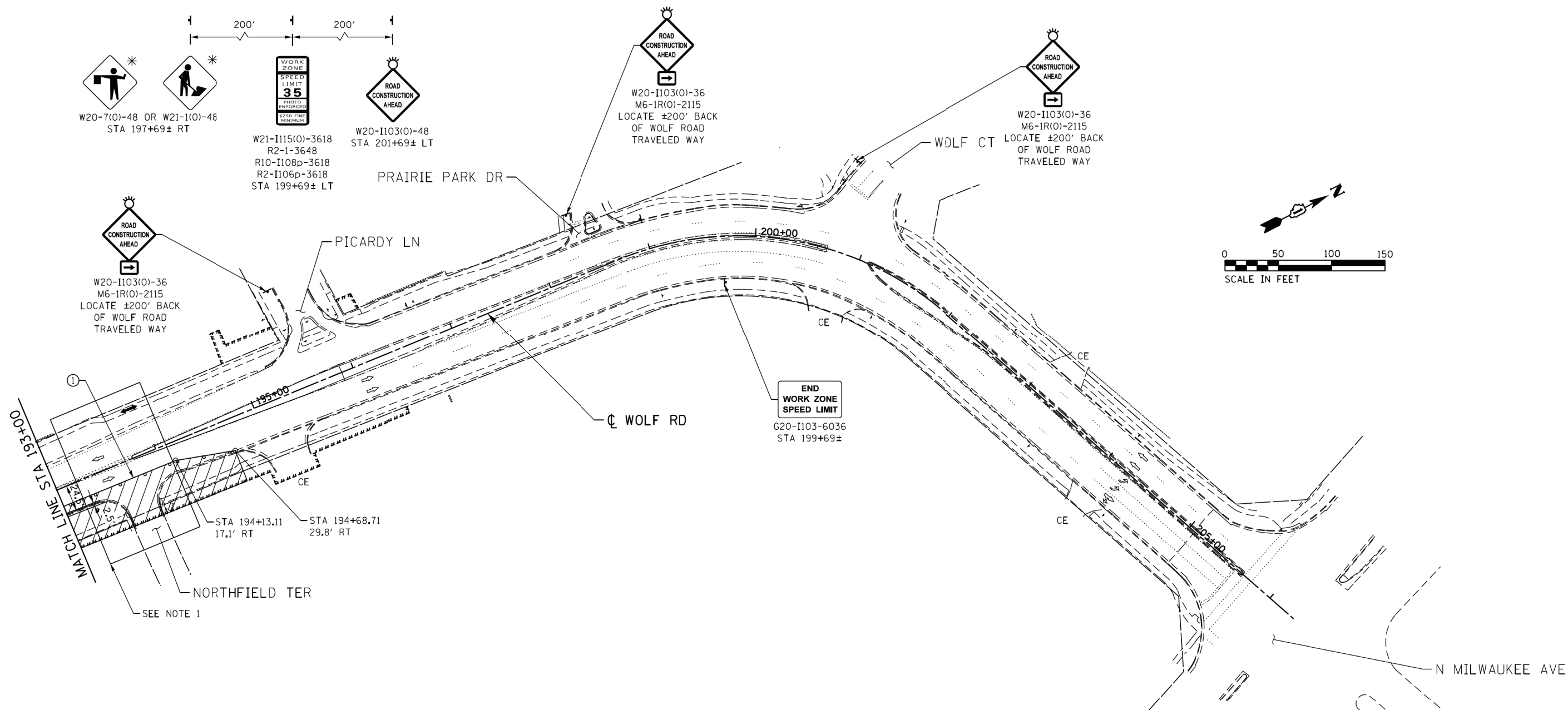
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRE-STAGE 1 - PLAN**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	71
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE
- TEMPORARY PAVEMENT

TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)

NOTES:

- 1. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRE-STAGE 1 - PLAN**

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	72
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

LEGEND

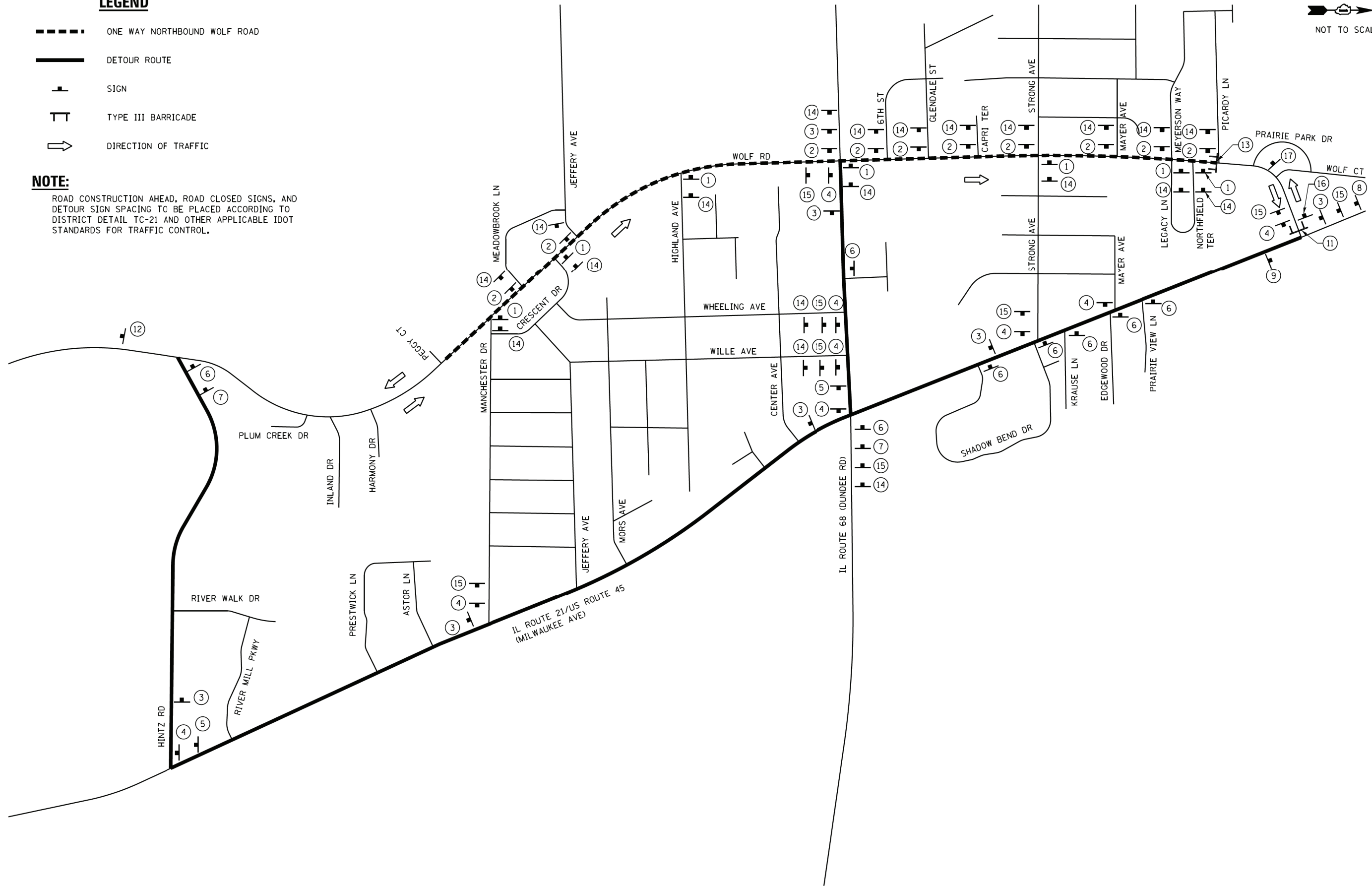
-  ONE WAY NORTHBOUND WOLF ROAD
-  DETOUR ROUTE
-  SIGN
-  TYPE III BARRICADE
-  DIRECTION OF TRAFFIC

NOTE:

ROAD CONSTRUCTION AHEAD, ROAD CLOSED SIGNS, AND DETOUR SIGN SPACING TO BE PLACED ACCORDING TO DISTRICT DETAIL TC-21 AND OTHER APPLICABLE IDOT STANDARDS FOR TRAFFIC CONTROL.



NOT TO SCALE



FILE NAME = S:\Projects\2013 Jobs\13-35 B & W PTB 163-06 Ph II 01 Wolf Road\CAD\CADD Sheets\0160T05-sh1-staging-Stage 1 Detour.dgn
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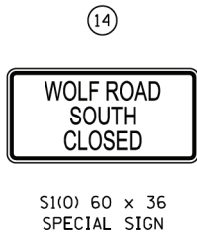
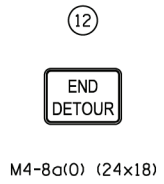
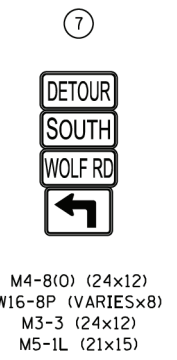
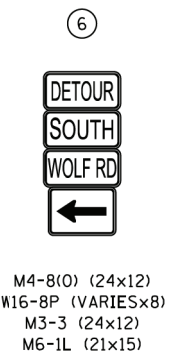
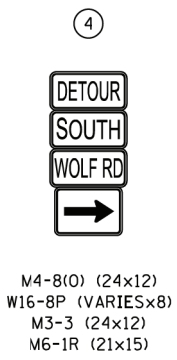
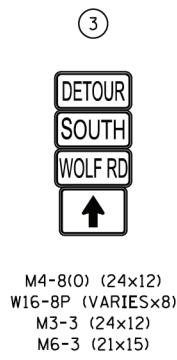
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1
DETOUR ROUTE**

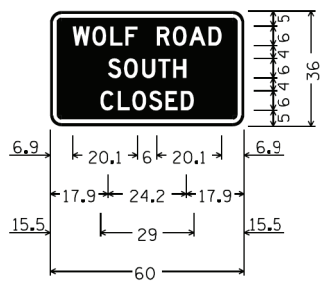
SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	73
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

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SIGN DETAIL



SIGN NUMBER	S1(0)
WIDTH x HGT.	73 x 48
BORDER WIDTH	1.0
CORNER RADIUS	3.5
MOUNTING	TEMPORARY POST
BACKGROUND	TYPE: AA
LEGEND/BORDER	COLOR: ORANGE
	TYPE: AA
	COLOR: BLACK/BLACK

SYMBOL	ROT	X	Y	WIDTH

DIMENSIONS ARE IN INCHES.TENTHS
 LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER.

LETTER POSITIONS (X)										LENGTH		SERIES/SIZE			
W	O	L	F	R	O	A	D						D 2000		
6.9	13.0	18.6	23.2	27.0	33.0	37.9	43.0	49.0					46.2	6	
S	O	U	T	H										D 2000	
17.9	22.9	28.4	33.4	38.0										24.2	6
C	L	O	S	E	D									D 2000	
15.5	20.9	25.4	30.6	35.7	40.4									29	6



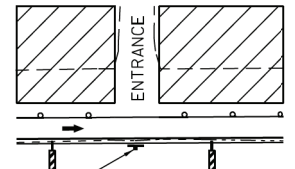
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET NO. 2 OF 2 SHEETS		STA. TO STA.	
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	74
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

STAGE 1
 DETOUR ROUTE SIGNS

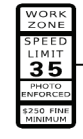
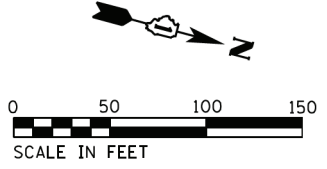


R6-2L-2430

TYPICAL ENTRANCE ACCESS DETAIL

NOTES:

1. THE CONTRACTOR SHALL NOT CLOSE MEADOWBROOK LANE AND EAST JEFFERY AVENUE AT THE SAME TIME.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
3. SEE "TYPICAL ENTRANCE ACCESS DETAILS" ON THIS SHEET FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.

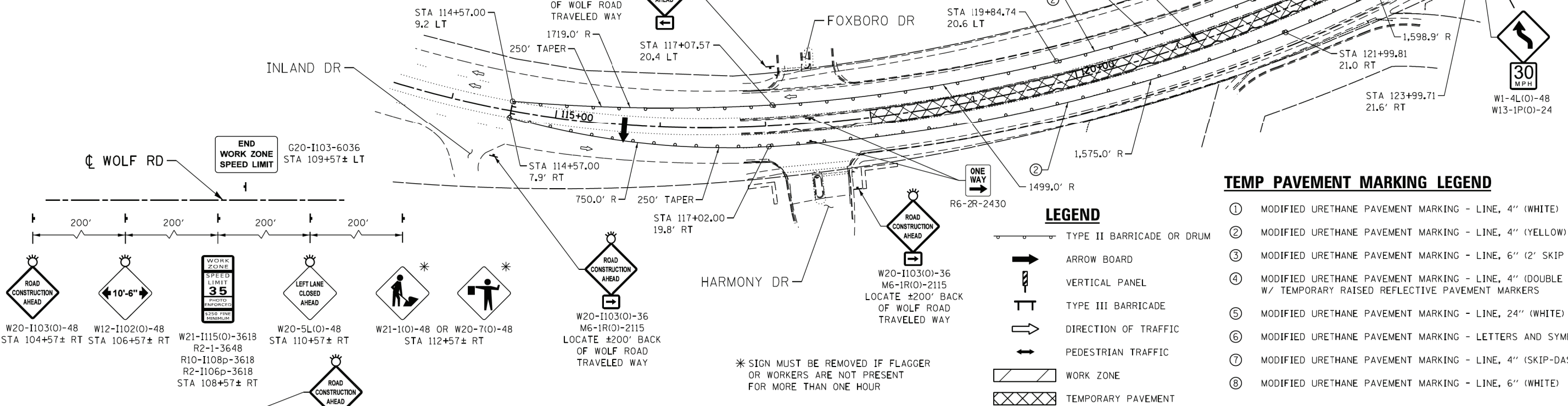


W21-I115(0)-3618
R2-1-3648
R10-I108p-3618
R2-I106p-3618
STA 123+90± RT
1,520.4' R

STA 123+85.60
14.6' LT



W1-4L(0)-48
W13-1P(0)-24



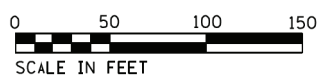
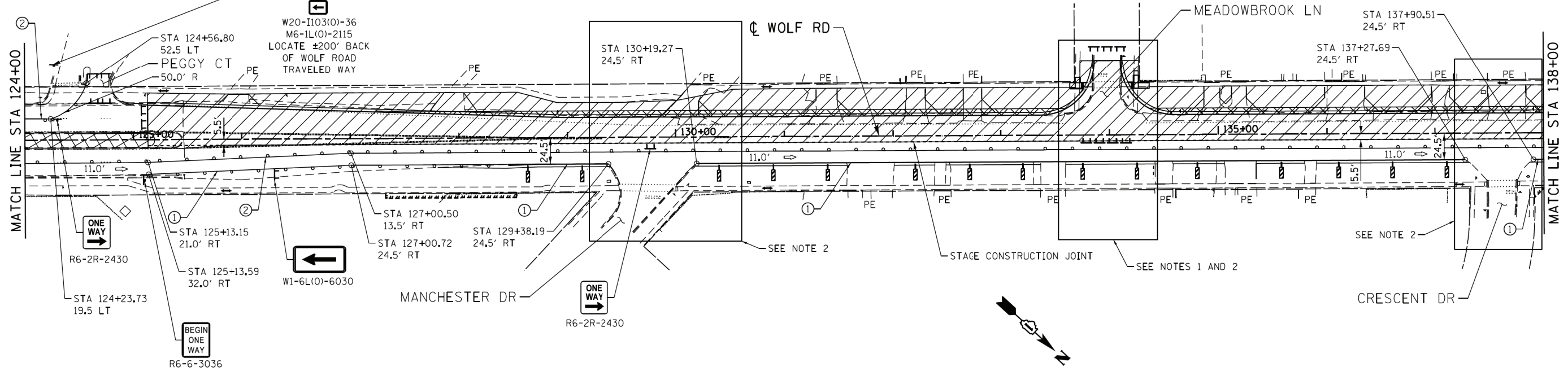
TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE
- TEMPORARY PAVEMENT

* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



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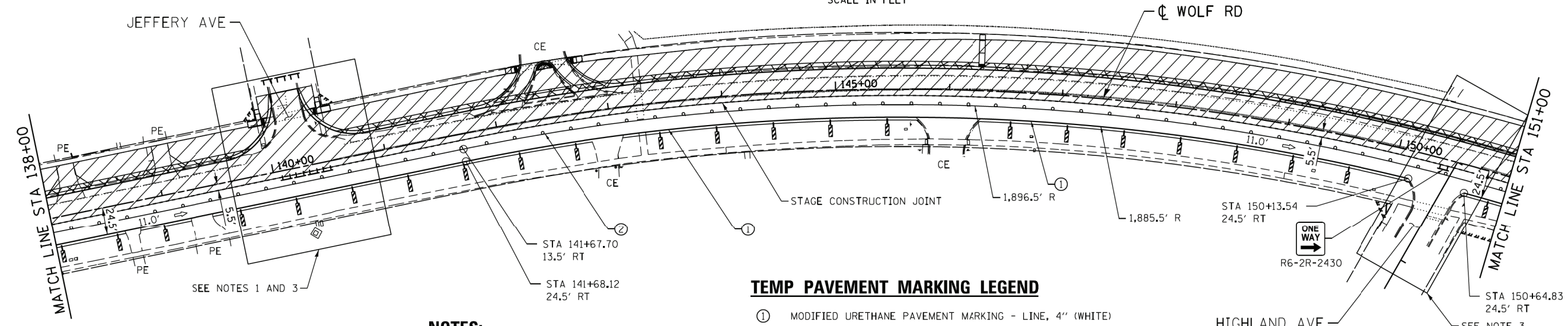
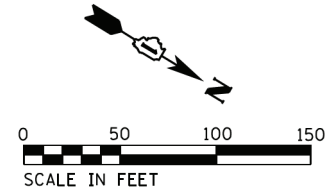
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 - PLAN**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	75
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



LEGEND

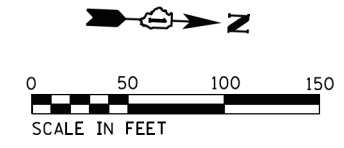
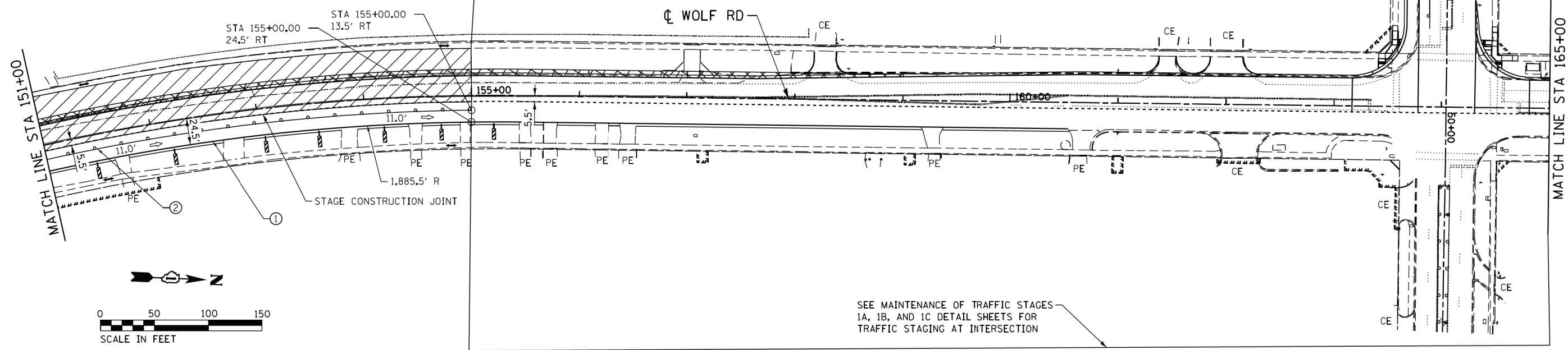
- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE
- TEMPORARY PAVEMENT

NOTES:

1. THE CONTRACTOR SHALL NOT CLOSE MEADOWBROOK LANE AND JEFFERY AVENUE AT THE SAME TIME.
2. CONSTRUCTION OF THE SOUTH PARK ACCESS CLOSURE SHALL BE COORDINATED TO PROVIDE THE LEAST AMOUNT OF CONFLICTS. THE ENTRANCE SHALL BE TREATED AS A LEFT-IN-LEFT-OUT WHILE OPEN.
3. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
4. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.

TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)



SEE MAINTENANCE OF TRAFFIC STAGES 1A, 1B, AND 1C DETAIL SHEETS FOR TRAFFIC STAGING AT INTERSECTION

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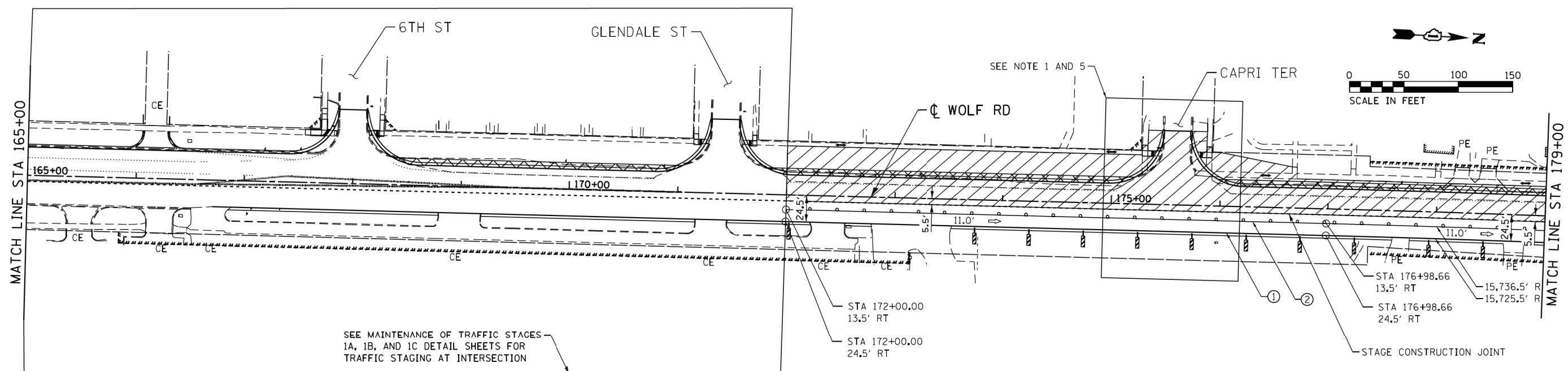
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 - PLAN**

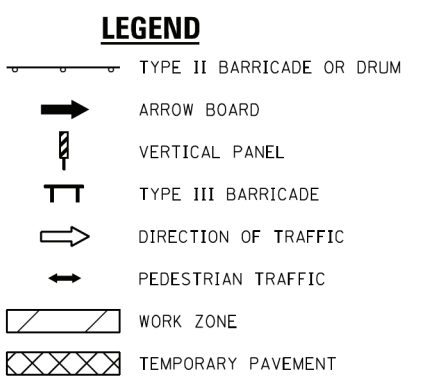
SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	76
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

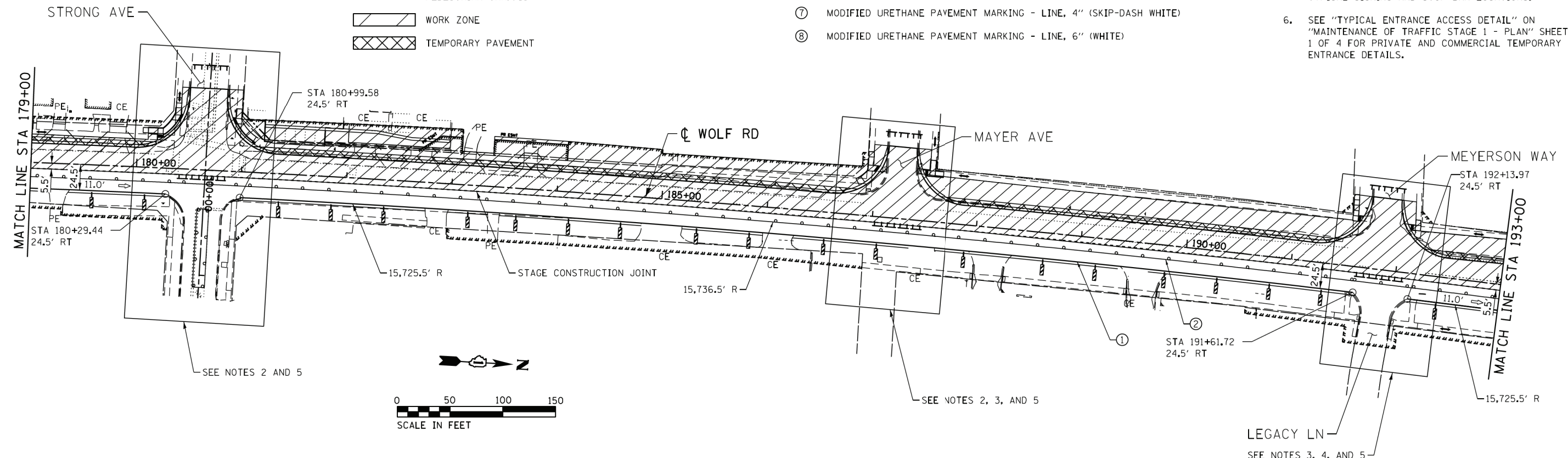


SEE MAINTENANCE OF TRAFFIC STAGES 1A, 1B, AND 1C DETAIL SHEETS FOR TRAFFIC STAGING AT INTERSECTION

- NOTES:**
1. THE CONTRACTOR SHALL CONSTRUCT HALF OF CAPRI TERRACE AT A TIME TO MAINTAIN (1) 2-WAY LANE MINIMUM.
 2. THE CONTRACTOR SHALL NOT CLOSE STRONG AVENUE AND MAYER AVENUE AT THE SAME TIME.
 3. THE CONTRACTOR SHALL NOT CLOSE MEYERSON WAY AND MAYER AVENUE AT THE SAME TIME.
 4. THE CONTRACTOR SHALL NOT CLOSE MEYERSON WAY AND PICARDY LANE AT THE SAME TIME.
 5. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
 6. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.



- TEMP PAVEMENT MARKING LEGEND**
- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
 - ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
 - ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
 - ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
 - ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
 - ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
 - ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)



SEE NOTES 2 AND 5

SEE NOTES 2, 3, AND 5

SEE NOTES 3, 4, AND 5

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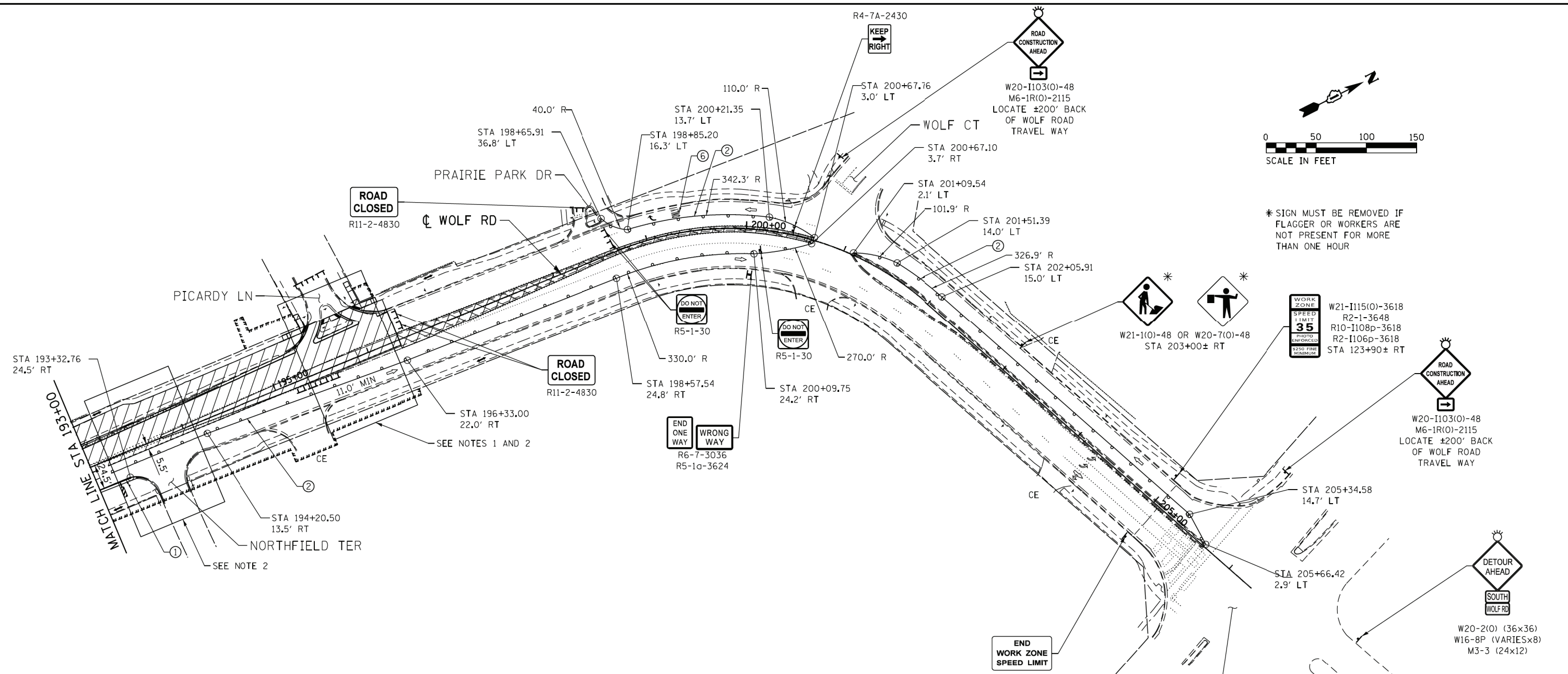
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 - PLAN

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 77
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\Projects\2013\085\13-35 B & W PTB 163-06 Ph II 01 Wolf Road\CAD\CADD Sheets\0160T05-shr-staging-Stage1-04.dgn
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TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)

LEGEND

- TYPE II BARRICADE OR DRUM
- ➔ ARROW BOARD
- ▮ VERTICAL PANEL
- ⊥ TYPE III BARRICADE
- ➔ DIRECTION OF TRAFFIC
- ➔ PEDESTRIAN TRAFFIC
- ▨ WORK ZONE
- ▩ TEMPORARY PAVEMENT

NOTES:

1. THE CONTRACTOR SHALL NOT CLOSE MEYERSON WAY AND PICARDY LANE AT THE SAME TIME.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.



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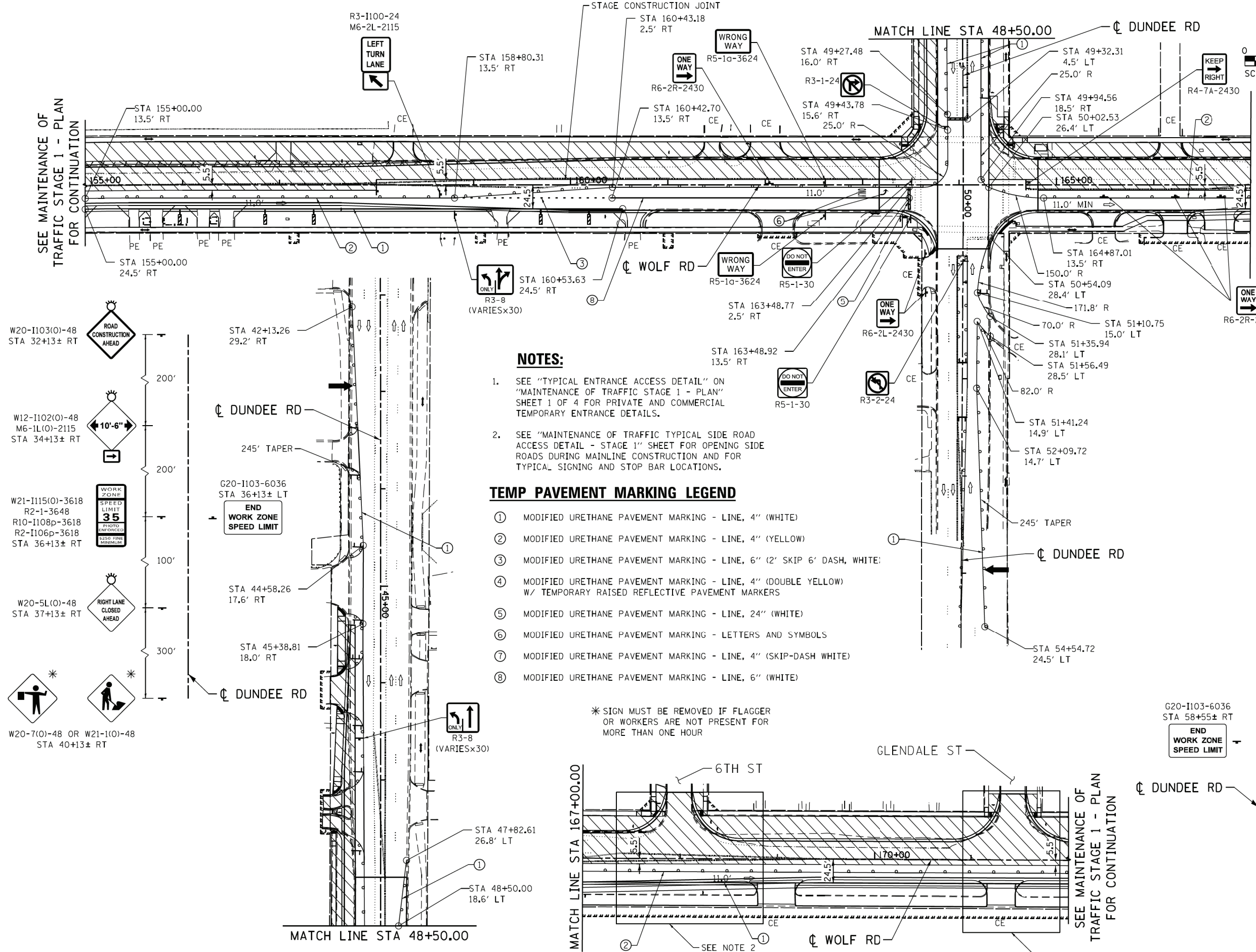
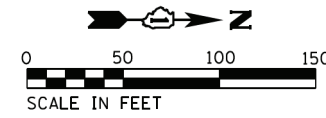
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 - PLAN**

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	78
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

SEE MAINTENANCE OF TRAFFIC STAGE 1 - PLAN FOR CONTINUATION



LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE
- TEMPORARY PAVEMENT

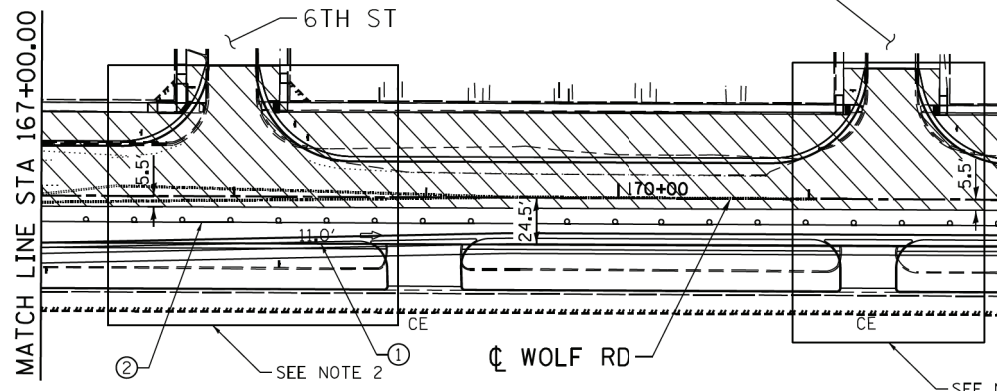
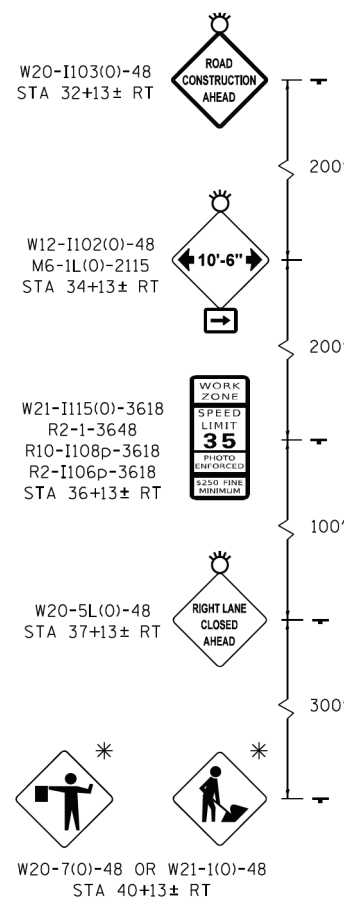
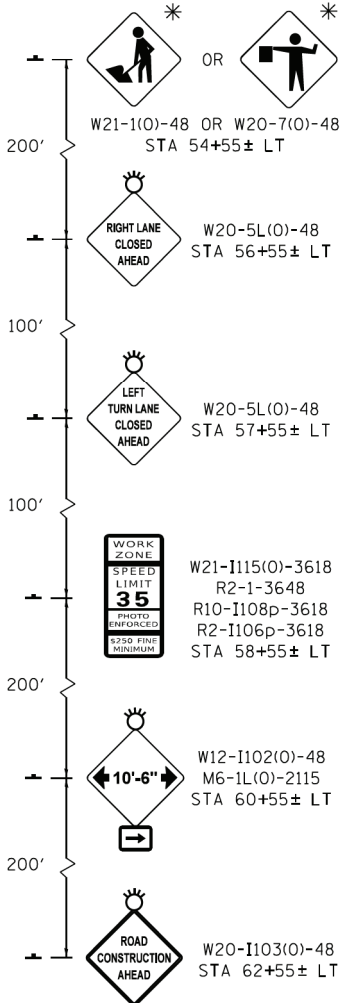
NOTES:

1. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)

* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



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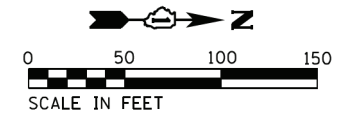
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1A-DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	79
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



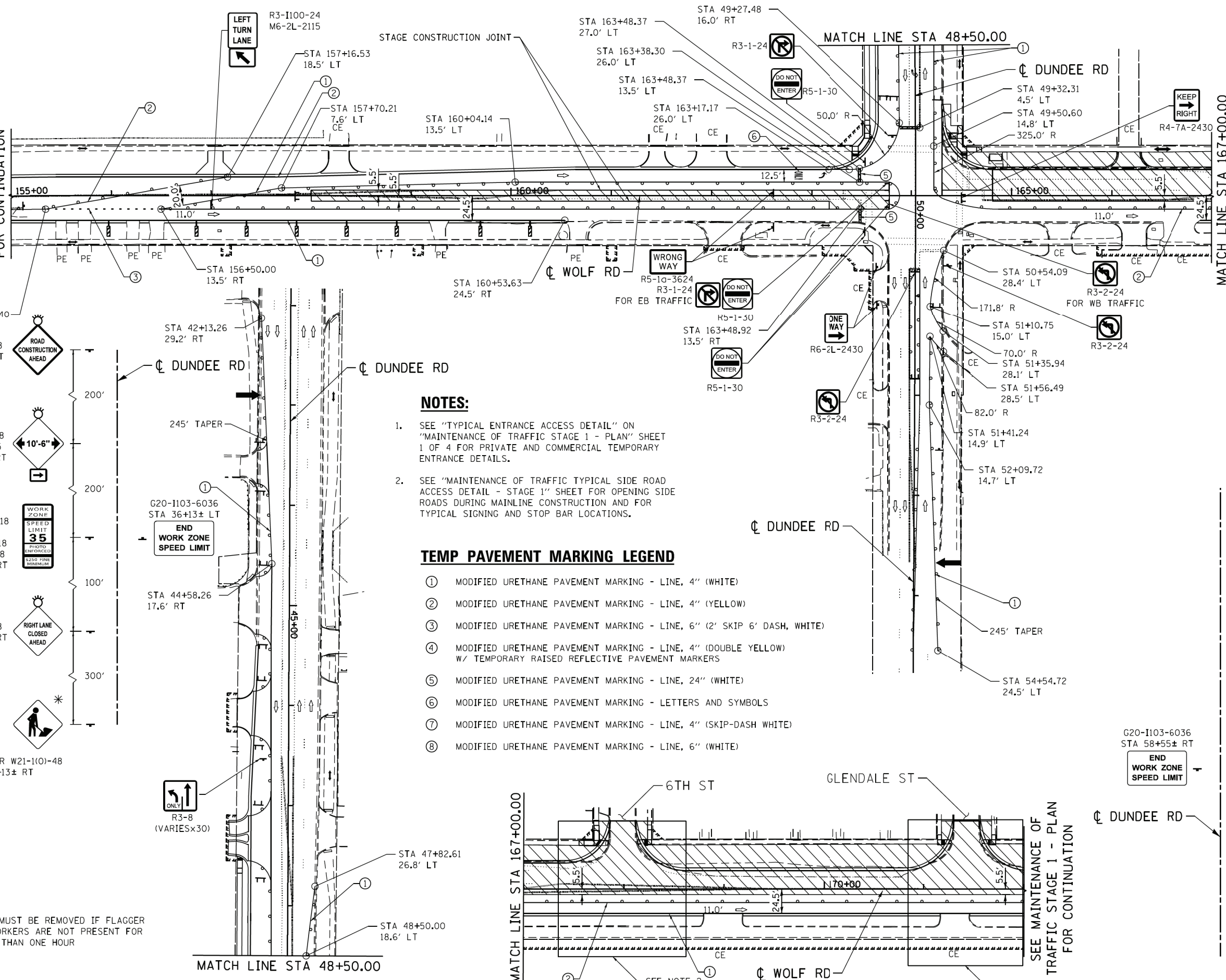
LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE
- TEMPORARY PAVEMENT

- W21-110-48 OR W20-70-48
STA 54+55± LT
- W20-5L-48
STA 56+55± LT
- W20-5L-48
STA 57+55± LT
- W21-115-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618
STA 58+55± LT
- W12-1102-48
M6-1L-2115
STA 60+55± LT
- W20-1103-48
STA 62+55± LT

SEE MAINTENANCE OF TRAFFIC STAGE 1 - PLAN FOR CONTINUATION

SEE MAINTENANCE OF TRAFFIC STAGE 1 - PLAN FOR CONTINUATION

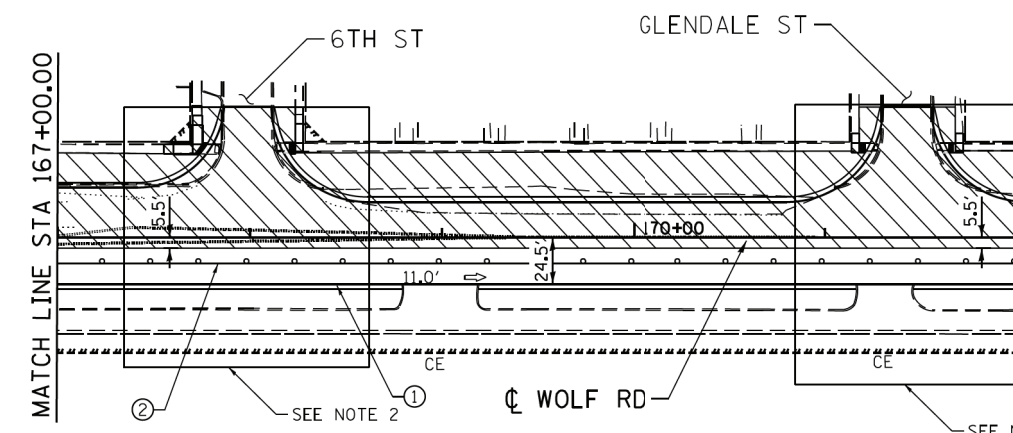


NOTES:

1. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

TEMP PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE, 24" (WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE, 4" (SKIP-DASH WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE, 6" (WHITE)



- W20-1103-48
STA 32+13± RT
- W12-1102-48
M6-1L-2115
STA 34+13± RT
- W21-1115-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618
STA 36+13± RT
- W20-5L-48
STA 37+13± RT
- W20-7-48 OR W21-110-48
STA 40+13± RT

- W20-1103-48
STA 32+13± RT
- W21-1115-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618
STA 36+13± RT
- W20-5L-48
STA 37+13± RT
- W20-7-48 OR W21-110-48
STA 40+13± RT

- G20-1103-6036
STA 58+55± RT

* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

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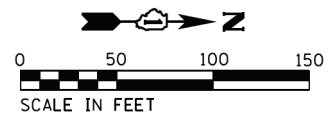
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1B-DETAIL

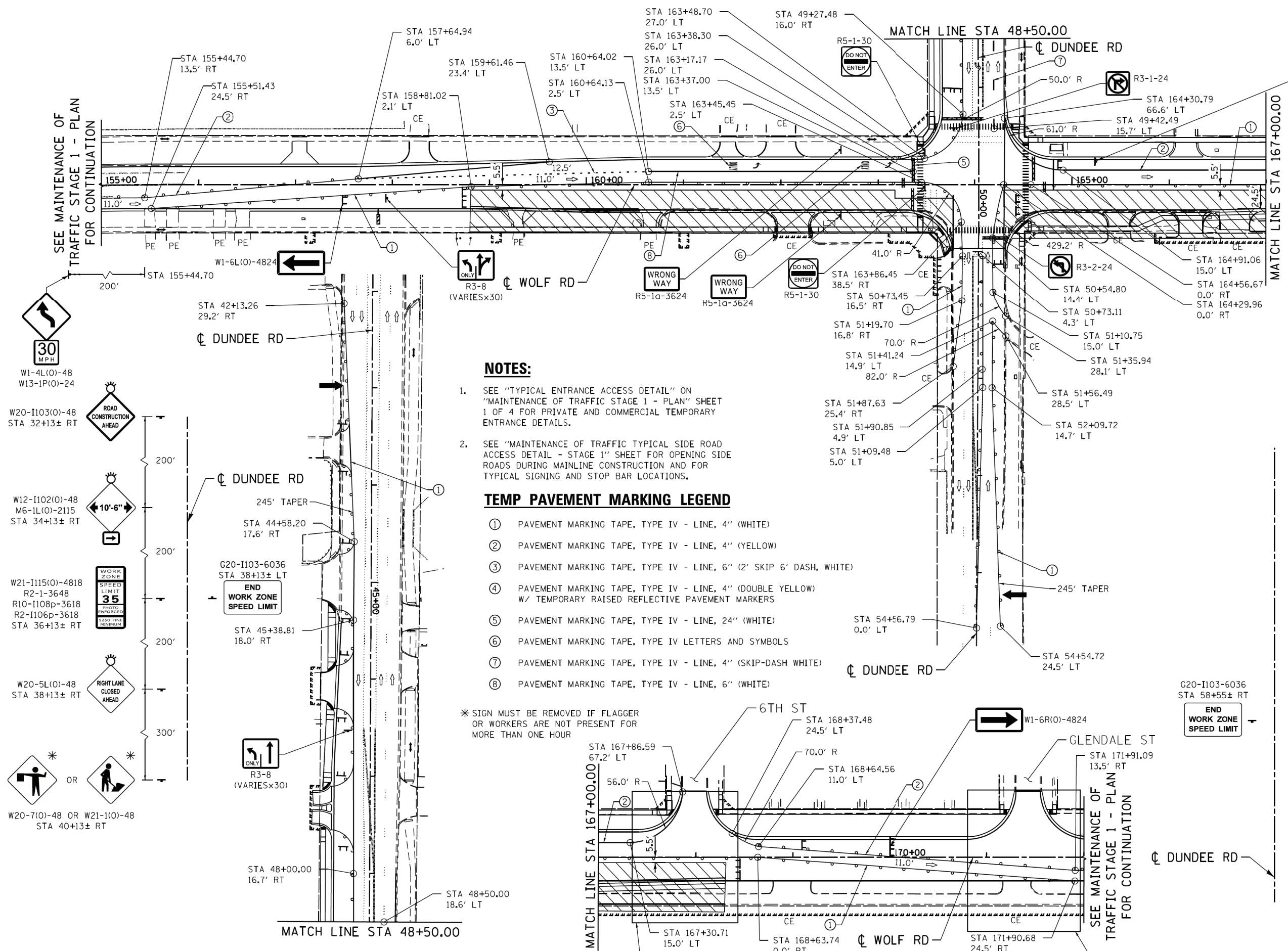
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	80
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



SEE MAINTENANCE OF TRAFFIC STAGE 1 - PLAN FOR CONTINUATION

MATCH LINE STA 167+00.00



NOTES:

- SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
- SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - STAGE 1" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

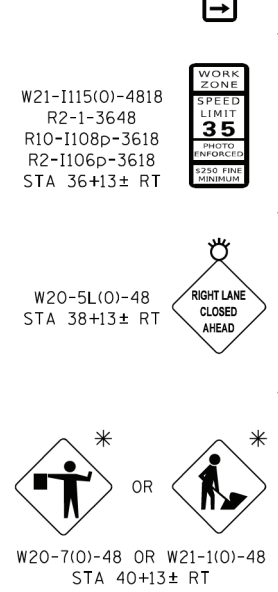
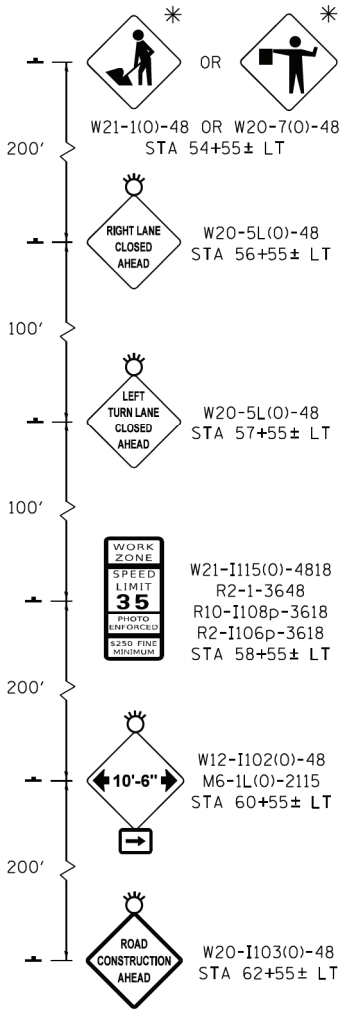
TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

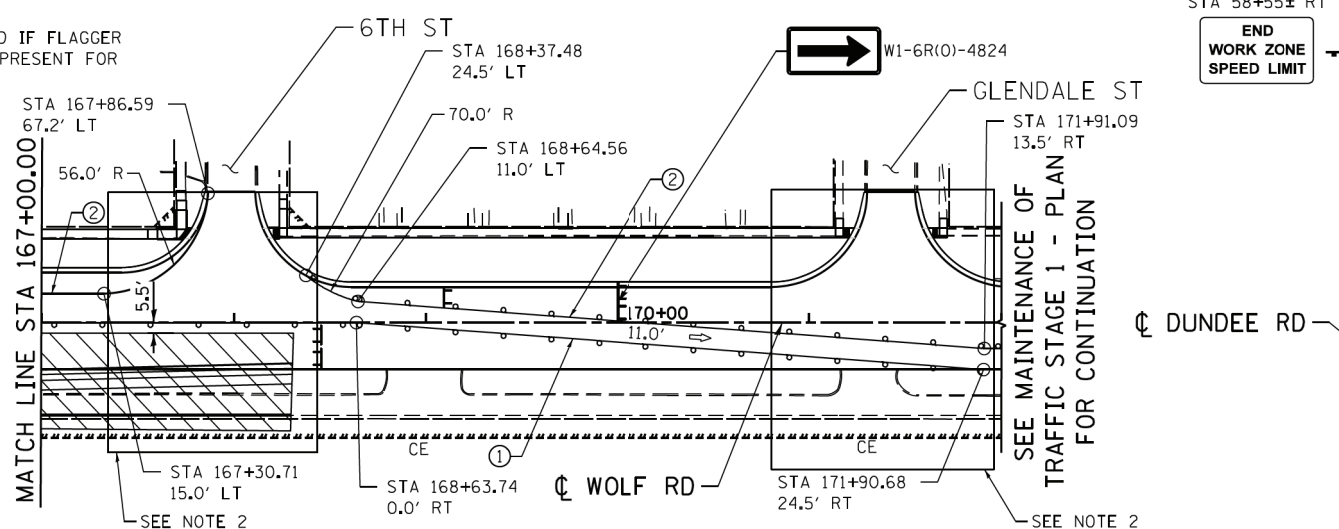
LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE
- TEMPORARY PAVEMENT



END WORK ZONE SPEED LIMIT

END WORK ZONE SPEED LIMIT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

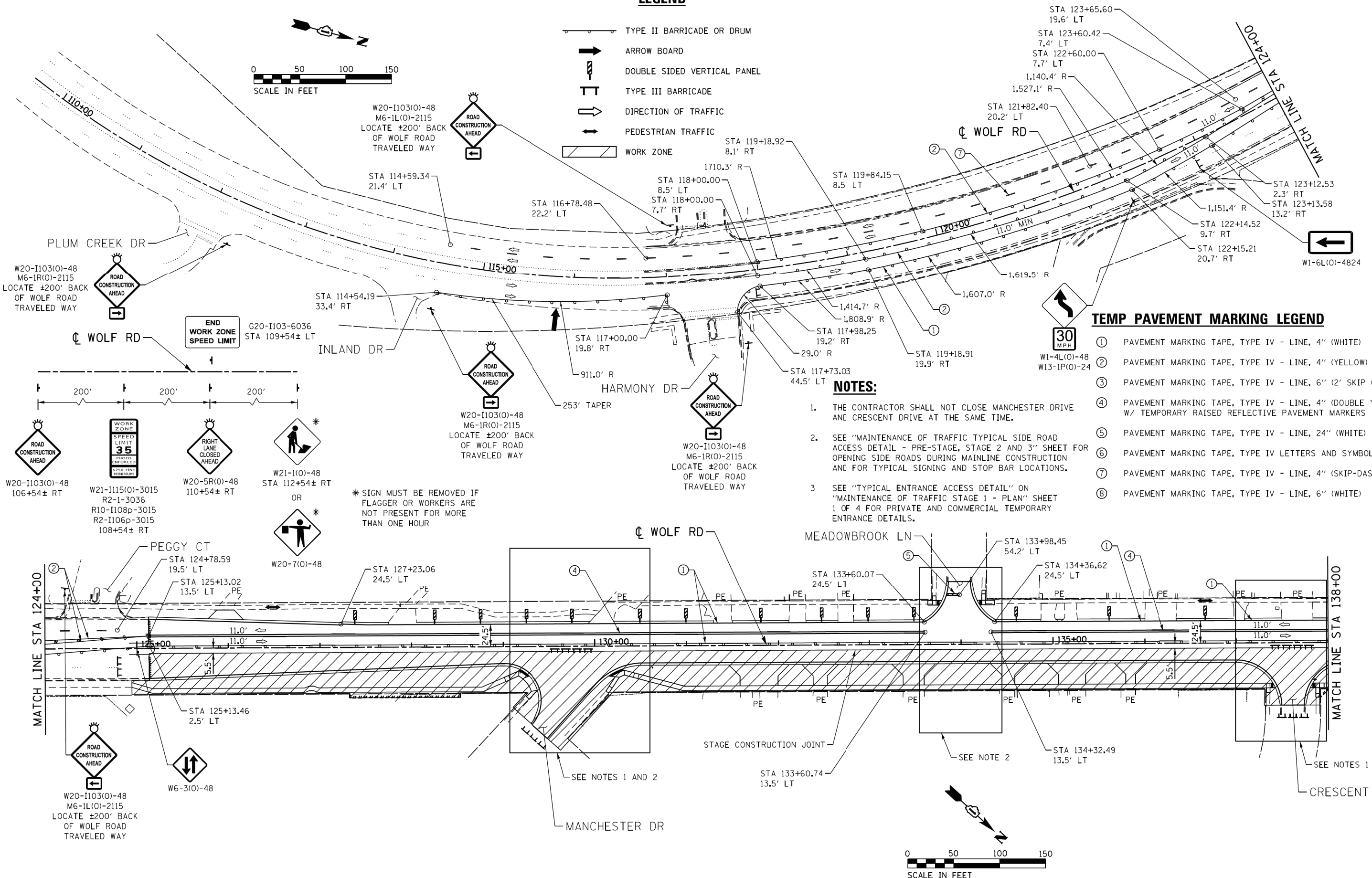
MAINTENANCE OF TRAFFIC
STAGE 1C-DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	81
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE

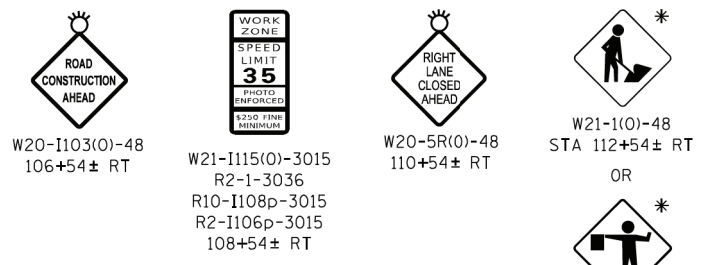


TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

NOTES:

1. THE CONTRACTOR SHALL NOT CLOSE MANCHESTER DRIVE AND CRESCENT DRIVE AT THE SAME TIME.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
3. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.



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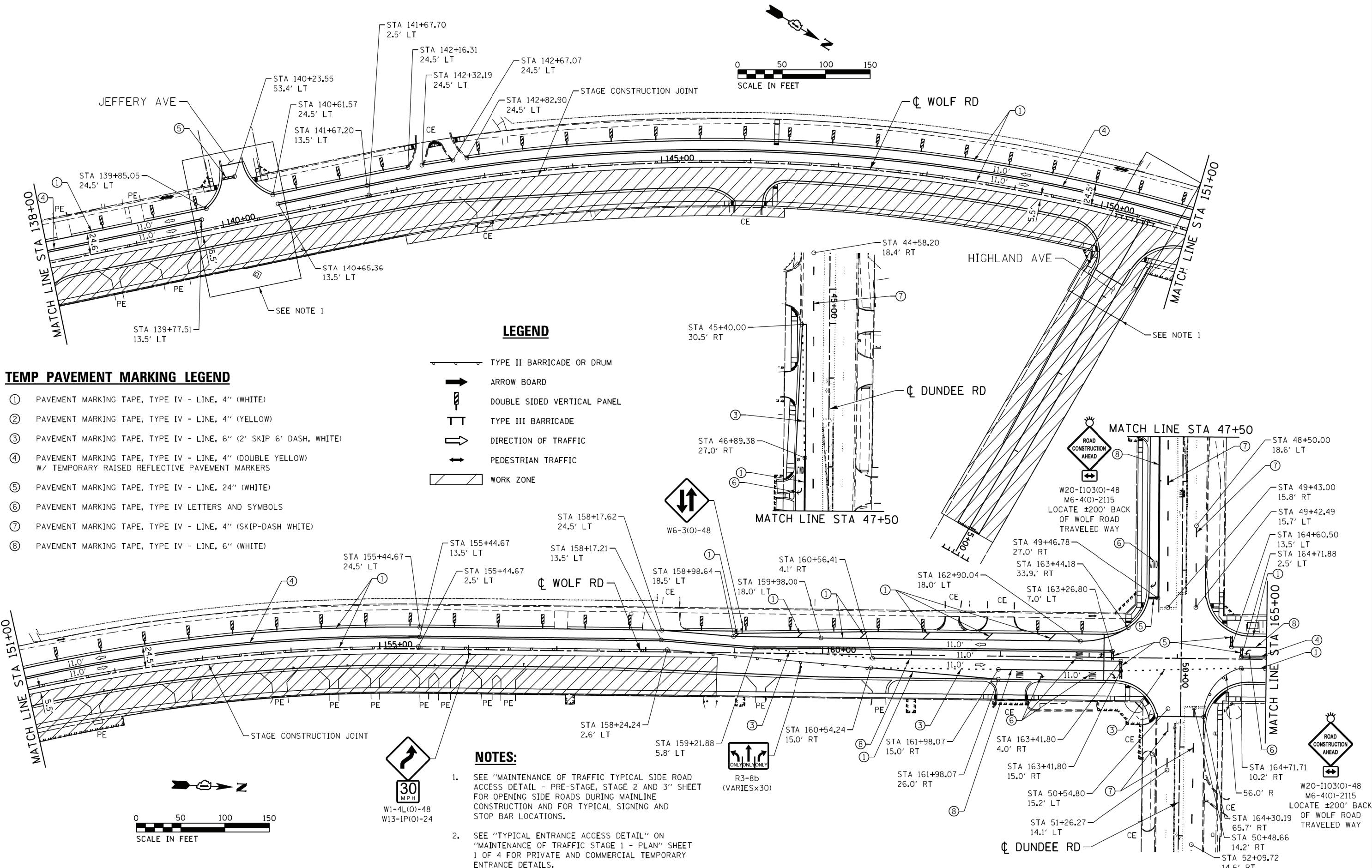
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2 - PLAN**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 82
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\Projects\2013\085\13-35 B & W PTB 163-06 Ph II 01 Wolf Road\CADD\CADD Sheets\0160705-shr-staging-Stage2_02.dgn
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TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE

NOTES:

1. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
2. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.



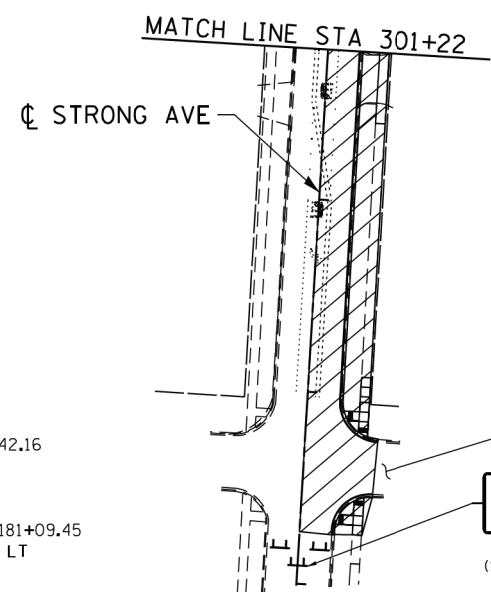
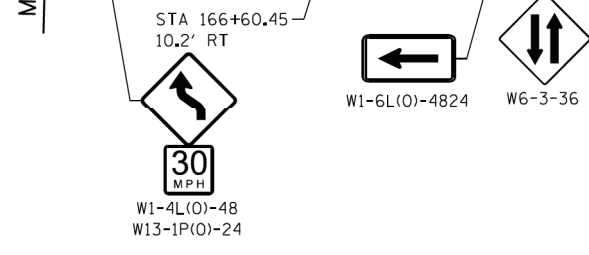
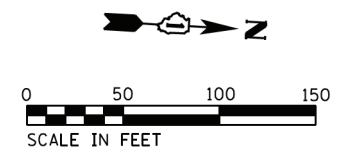
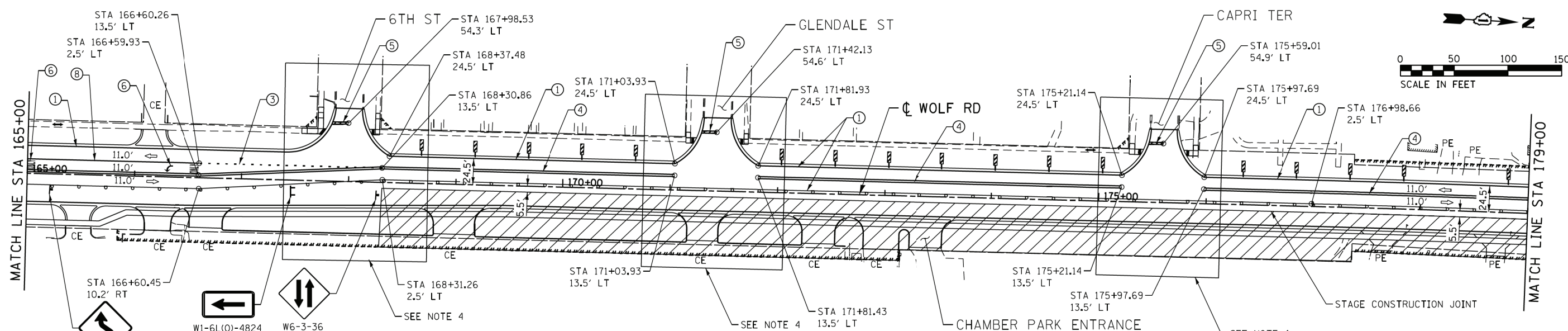
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 - PLAN

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 83
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



TEMP PAVEMENT MARKING LEGEND

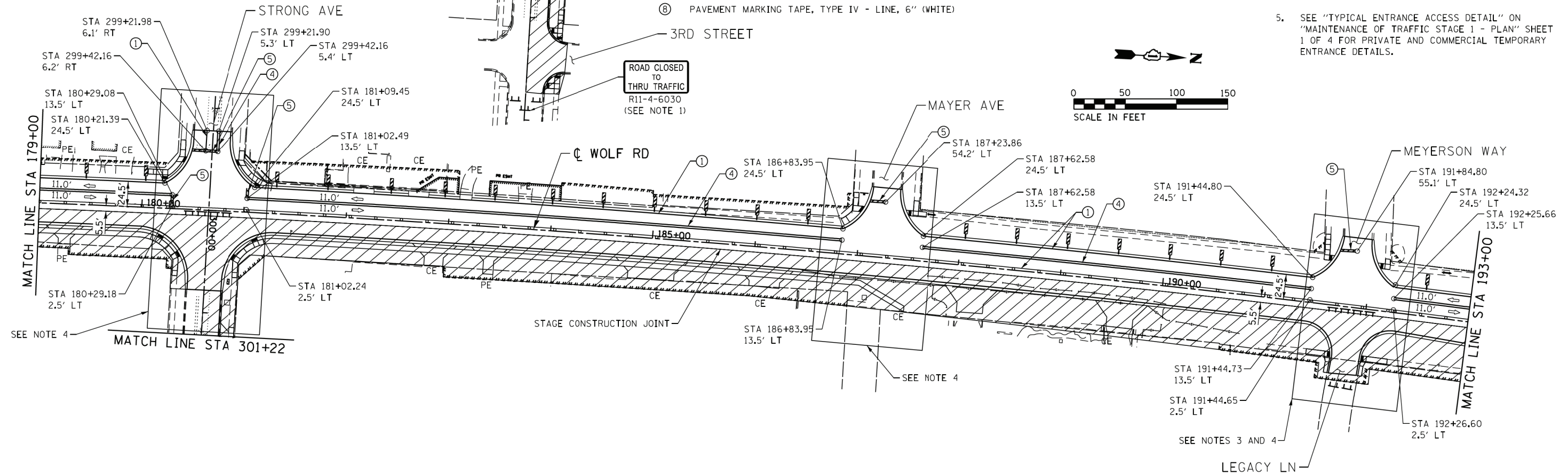
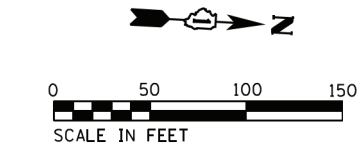
- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE

NOTES:

1. THE CONTRACTOR SHALL CONSTRUCT HALF OF 3RD STREET AT A TIME TO MAINTAIN (1) 2-WAY LANE MINIMUM FOR LOCAL TRAFFIC ONLY.
2. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION/CLOSURE OF THE CHAMBER PARK ENTRANCE WITH THE APPROPRIATE REPRESENTATIVE.
3. THE CONTRACTOR SHALL NOT CLOSE LEGACY LANE AND NORTHFIELD TERRACE AT THE SAME TIME.
4. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
5. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.



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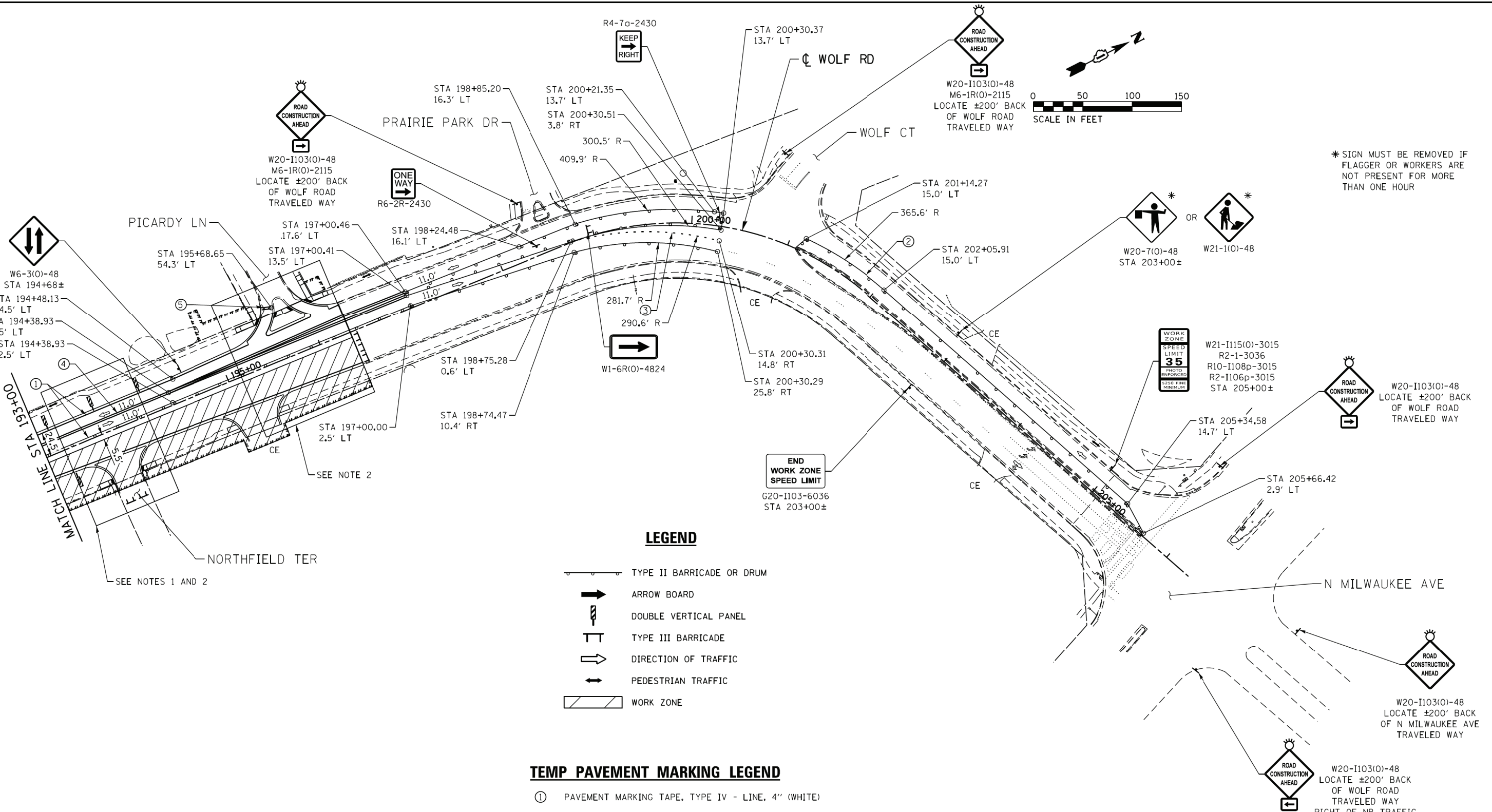
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC	
STAGE 2 - PLAN	
SCALE:	SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	84
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\Projects\2013 Jobs\13-35 B & W PTB 163-06 Ph II 01 Wolf Road\CAD\CADD Sheets\0160705-shr-staging-Stage2_04.dgn
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* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE

TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH. WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

NOTES:

1. THE CONTRACTOR SHALL NOT CLOSE LEGACY LANE AND NORTHFIELD TERRACE AT THE SAME TIME.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.
3. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.



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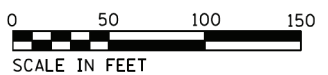
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 - PLAN

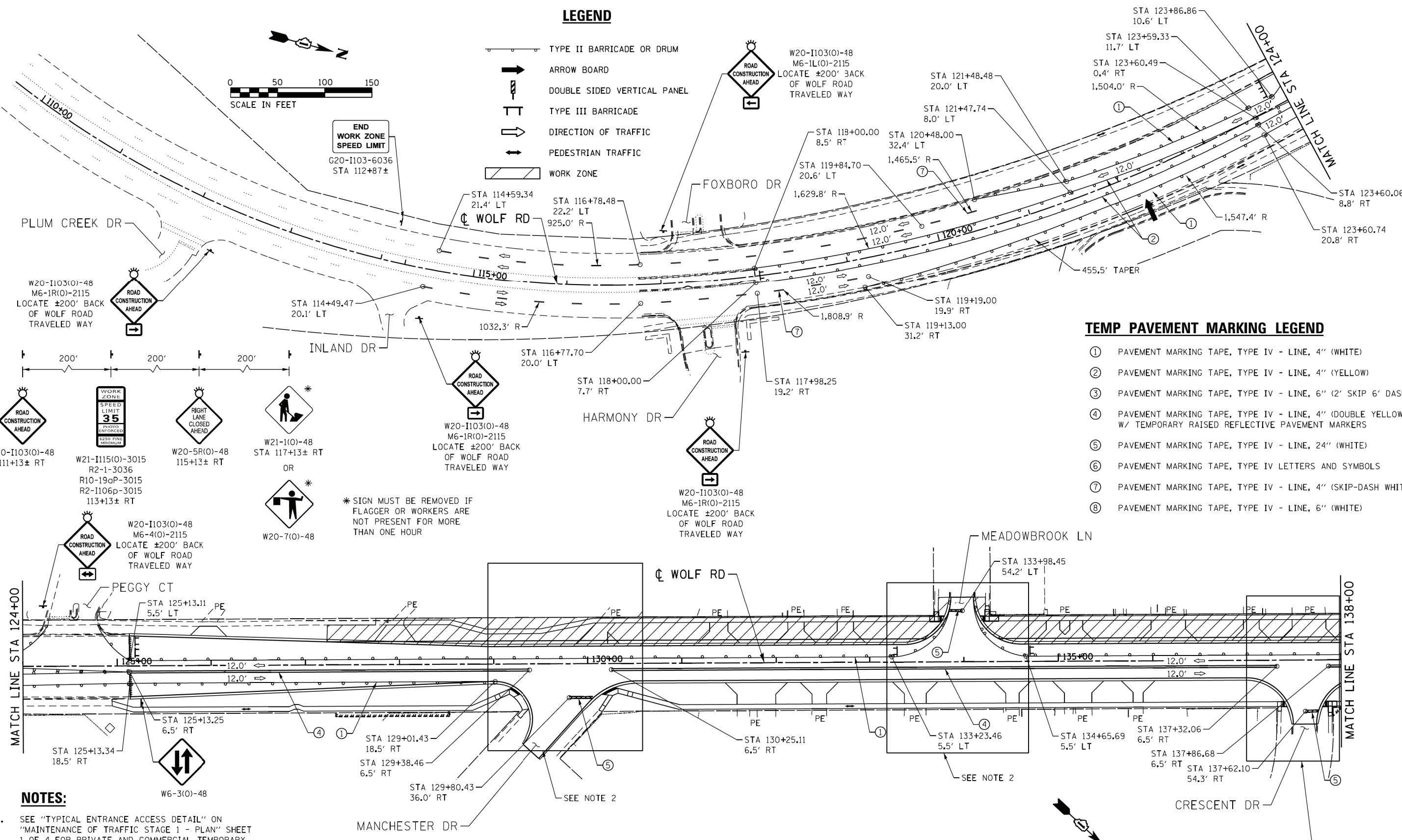
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				2692	3941-R	COOK	331	85
								CONTRACT NO. 60T05
ILLINOIS FED. AID PROJECT								

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE



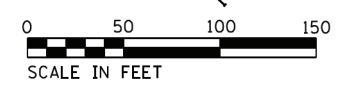
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G20-I103-6036
STA 112+87±



TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

- NOTES:**
- SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
 - SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.



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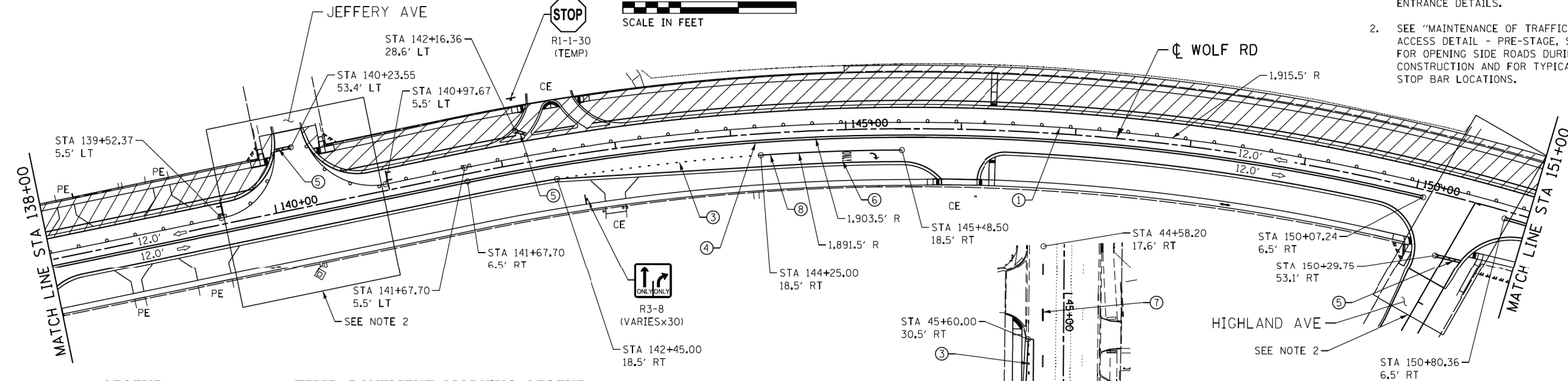
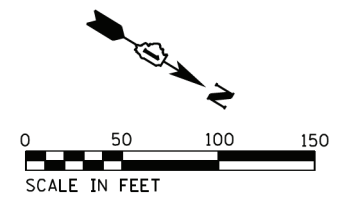
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 3 - PLAN	
SCALE:	SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	86
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

NOTES:

- SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
- SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

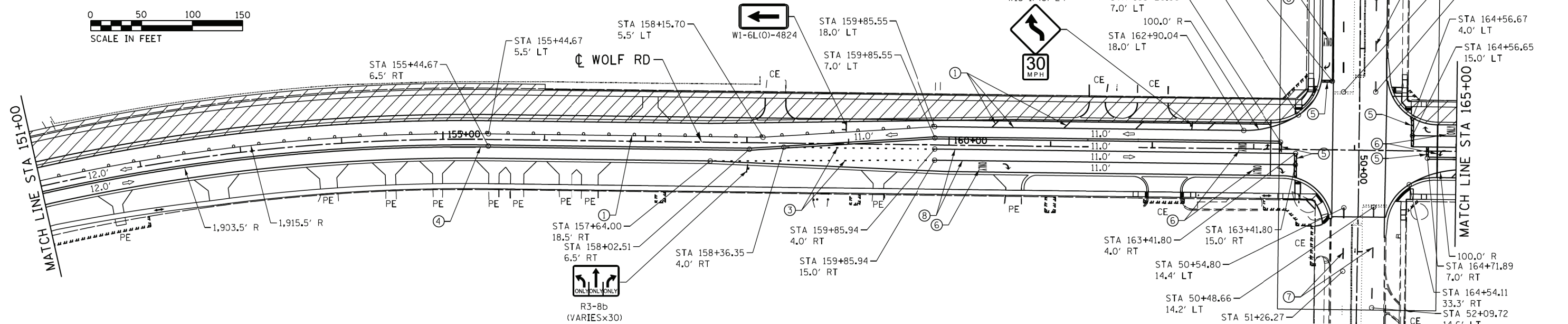
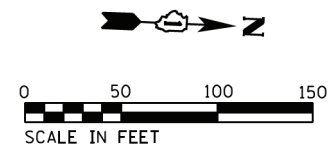


LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE

TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)



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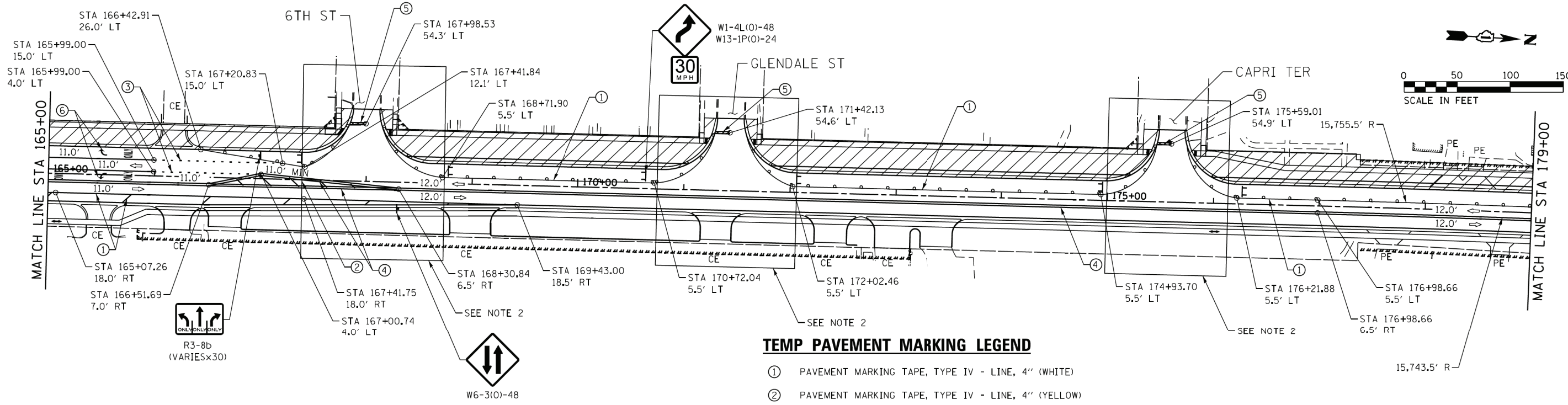
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3 - PLAN

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	87
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				



TEMP PAVEMENT MARKING LEGEND

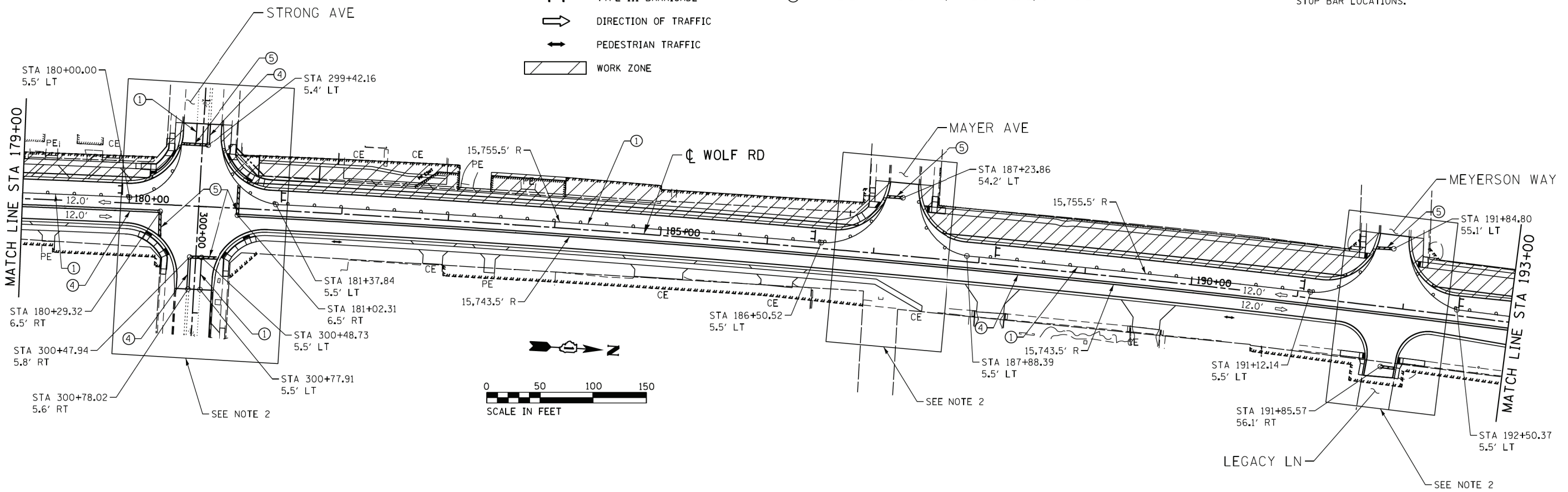
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- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

NOTES:

1. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE



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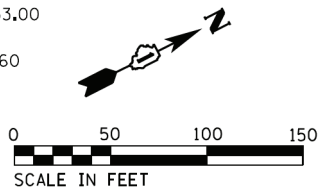
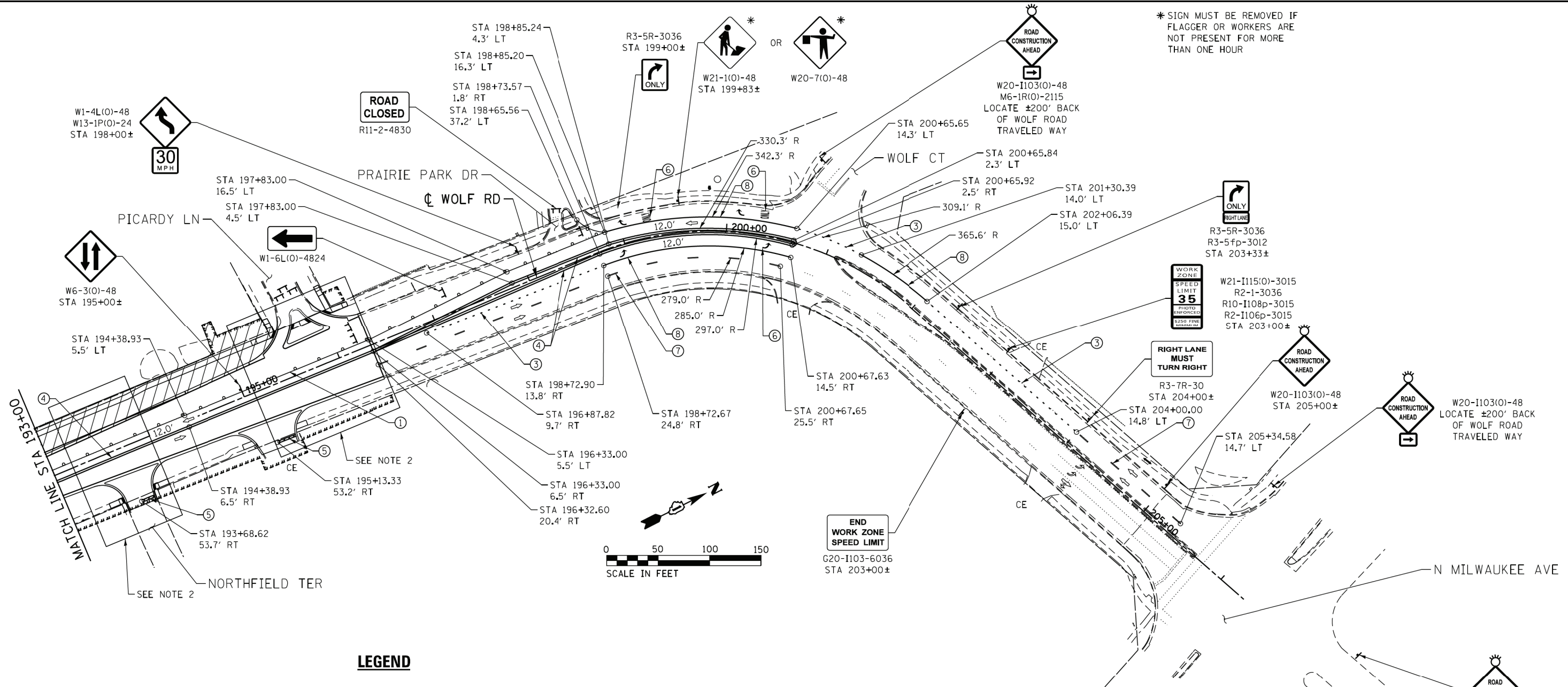
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3 - PLAN

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	88
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

* SIGN MUST BE REMOVED IF FLAGGER OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



LEGEND

- TYPE II BARRICADE OR DRUM
- ARROW BOARD
- DOUBLE SIDED VERTICAL PANEL
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- PEDESTRIAN TRAFFIC
- WORK ZONE

TEMP PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (2' SKIP 6' DASH, WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (DOUBLE YELLOW) W/ TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS
- ⑤ PAVEMENT MARKING TAPE, TYPE IV - LINE, 24" (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV LETTERS AND SYMBOLS
- ⑦ PAVEMENT MARKING TAPE, TYPE IV - LINE, 4" (SKIP-DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV - LINE, 6" (WHITE)

NOTES:

1. SEE "TYPICAL ENTRANCE ACCESS DETAIL" ON "MAINTENANCE OF TRAFFIC STAGE 1 - PLAN" SHEET 1 OF 4 FOR PRIVATE AND COMMERCIAL TEMPORARY ENTRANCE DETAILS.
2. SEE "MAINTENANCE OF TRAFFIC TYPICAL SIDE ROAD ACCESS DETAIL - PRE-STAGE, STAGE 2 AND 3" SHEET FOR OPENING SIDE ROADS DURING MAINLINE CONSTRUCTION AND FOR TYPICAL SIGNING AND STOP BAR LOCATIONS.

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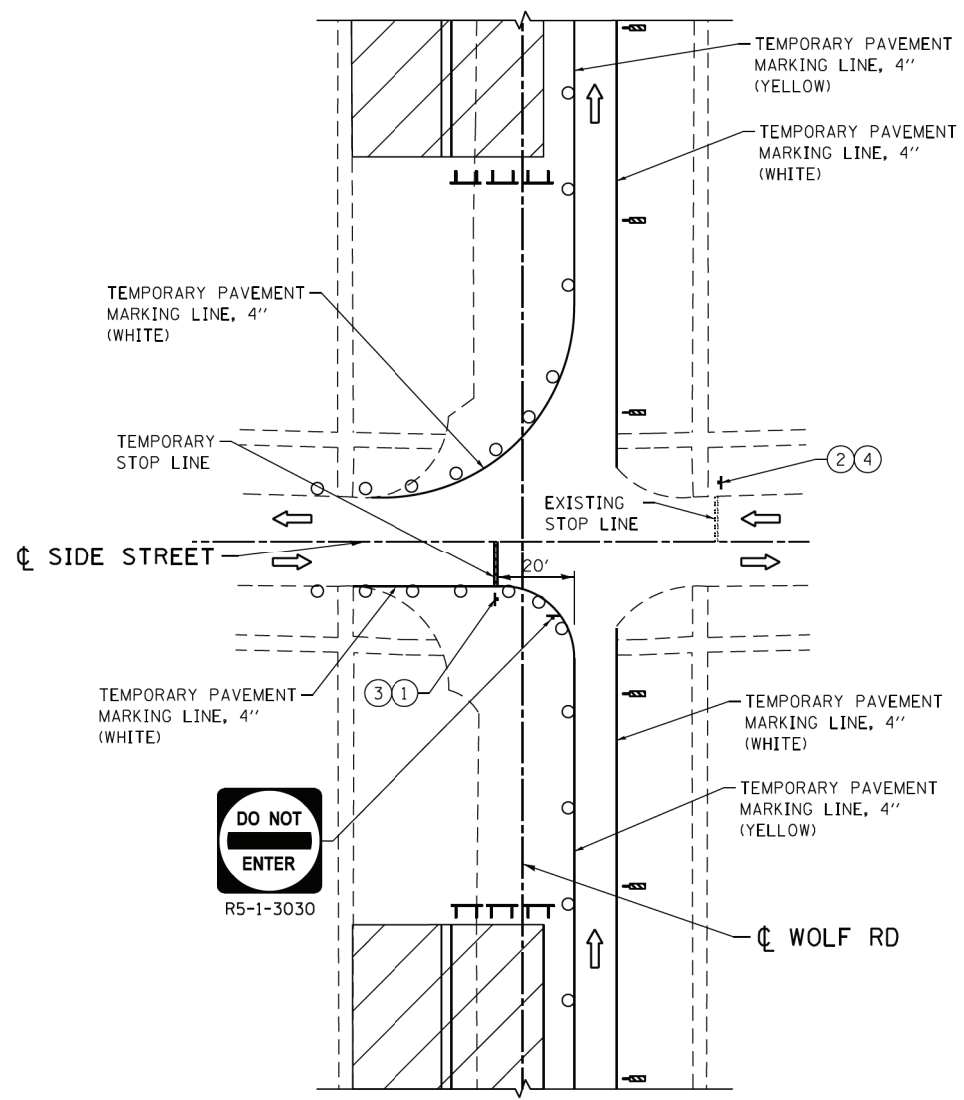
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3 - PLAN**

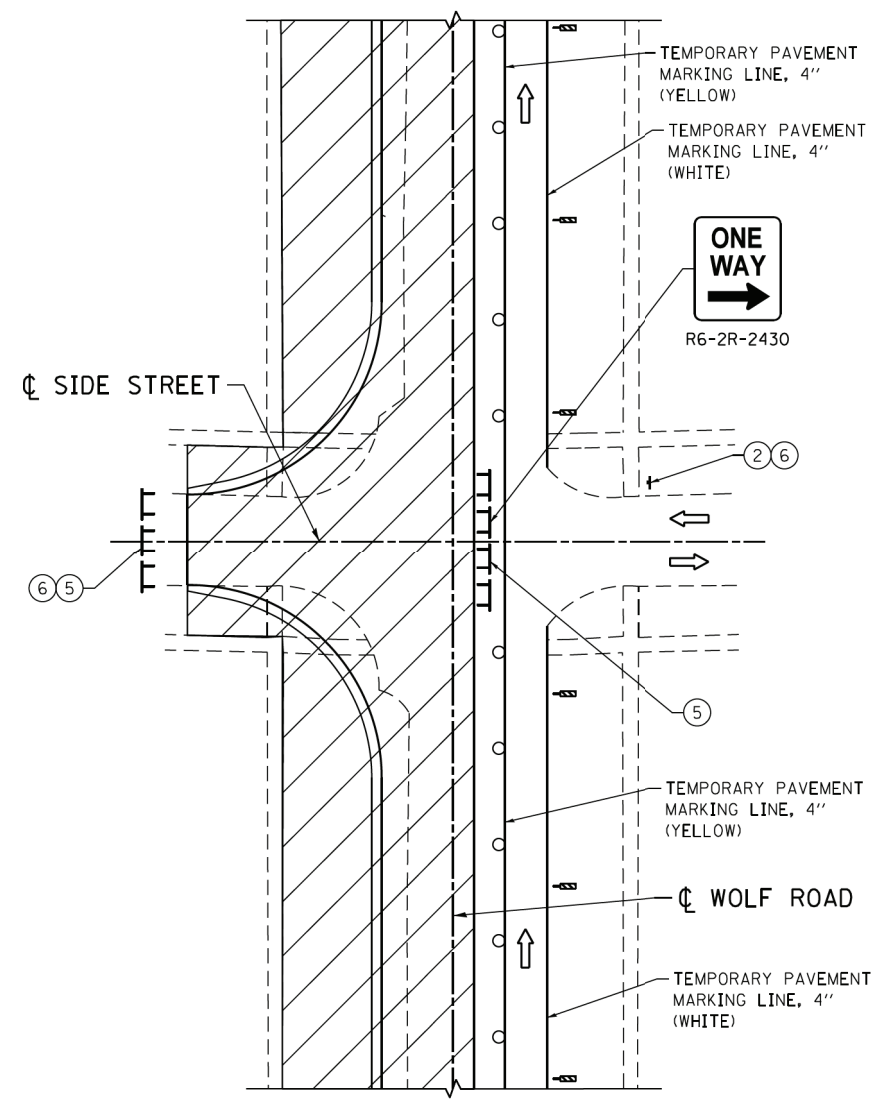
SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	89
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

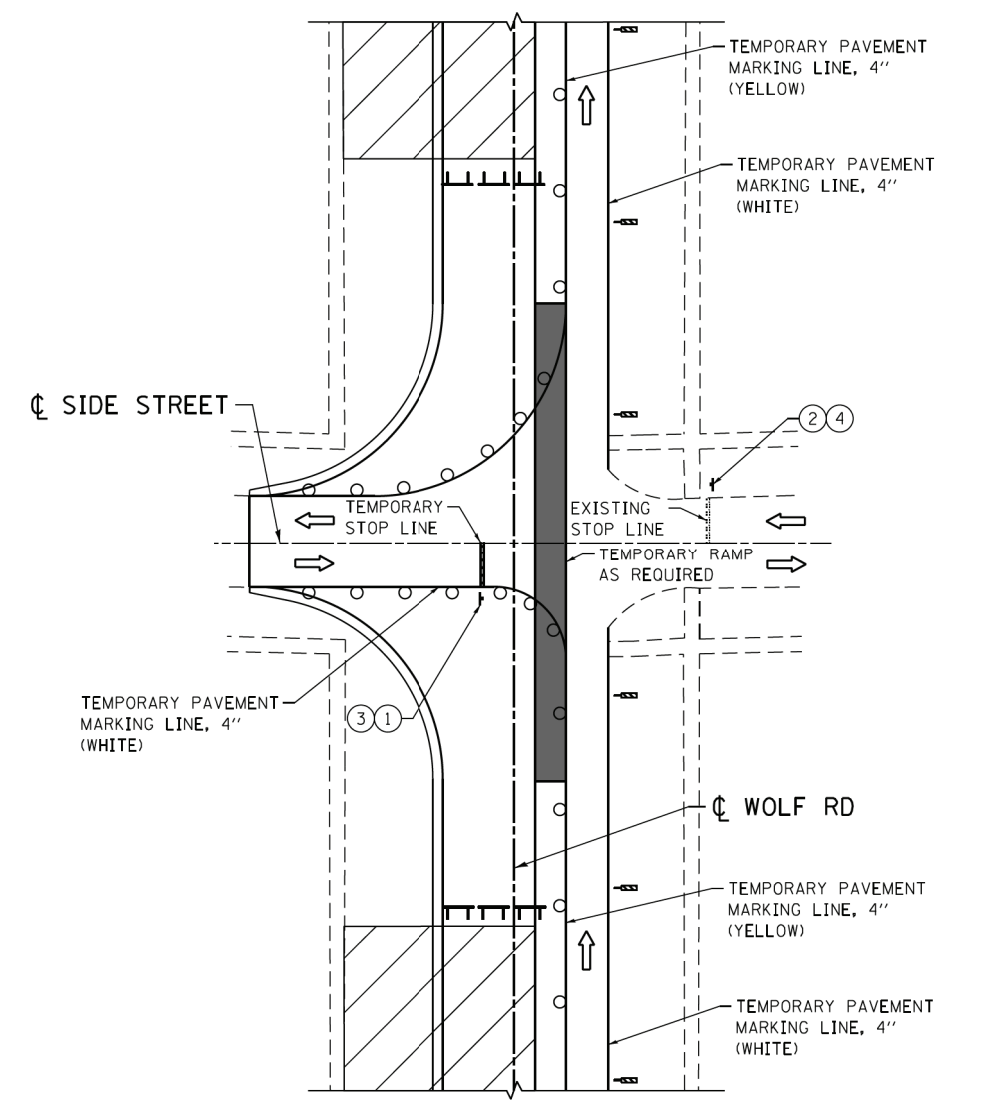
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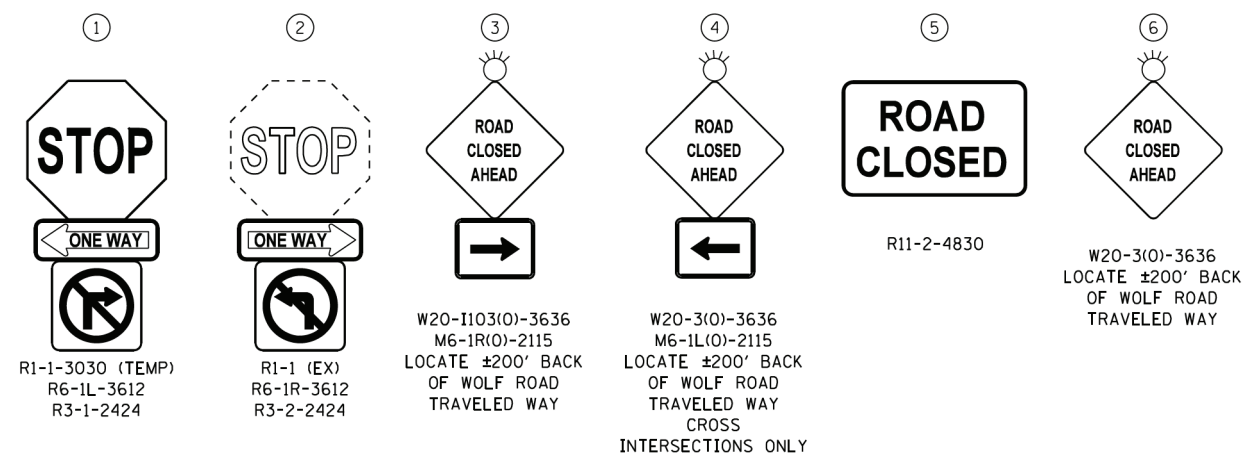
INTERSECTION DETAIL – PRIOR TO CLOSURE



INTERSECTION DETAIL – DURING CLOSURE



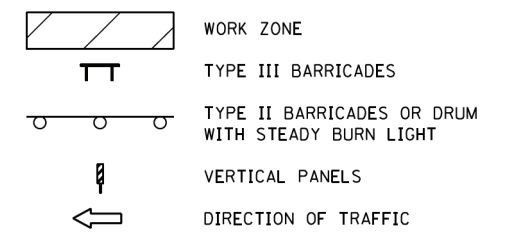
INTERSECTION DETAIL – FOLLOWING CLOSURE



NOTES:

1. THE CONTRACTOR SHALL INCORPORATE THIS DETAIL FOR TRAFFIC CONTROL OF SIDE ROADS.
2. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF WHEELING AND THE ENGINEER ON KEEPING ALTERNATE SIDE STREETS OPEN FOR EMERGENCY ACCESS.
3. THE CONTRACTOR SHALL USE STANDARD 701801 TO DETOUR PEDESTRIAN TRAFFIC TO OPPOSITE SIDE OF ROAD WHERE ADJACENT SIDEWALK IS AVAILABLE.
4. SEE DISTRICT 1 STANDARD TC-10, HIGHWAY STANDARD 701501, AND STAGING PLANS FOR ADDITIONAL INFORMATION.
5. APPLY SIGNING DETAILS TO ALL PUBLIC ROADWAY INTERSECTIONS ADJUSTING FOR THE INTERSECTION CONFIGURATION ("T" INTERSECTION, 4-LEG INTERSECTION).

LEGEND



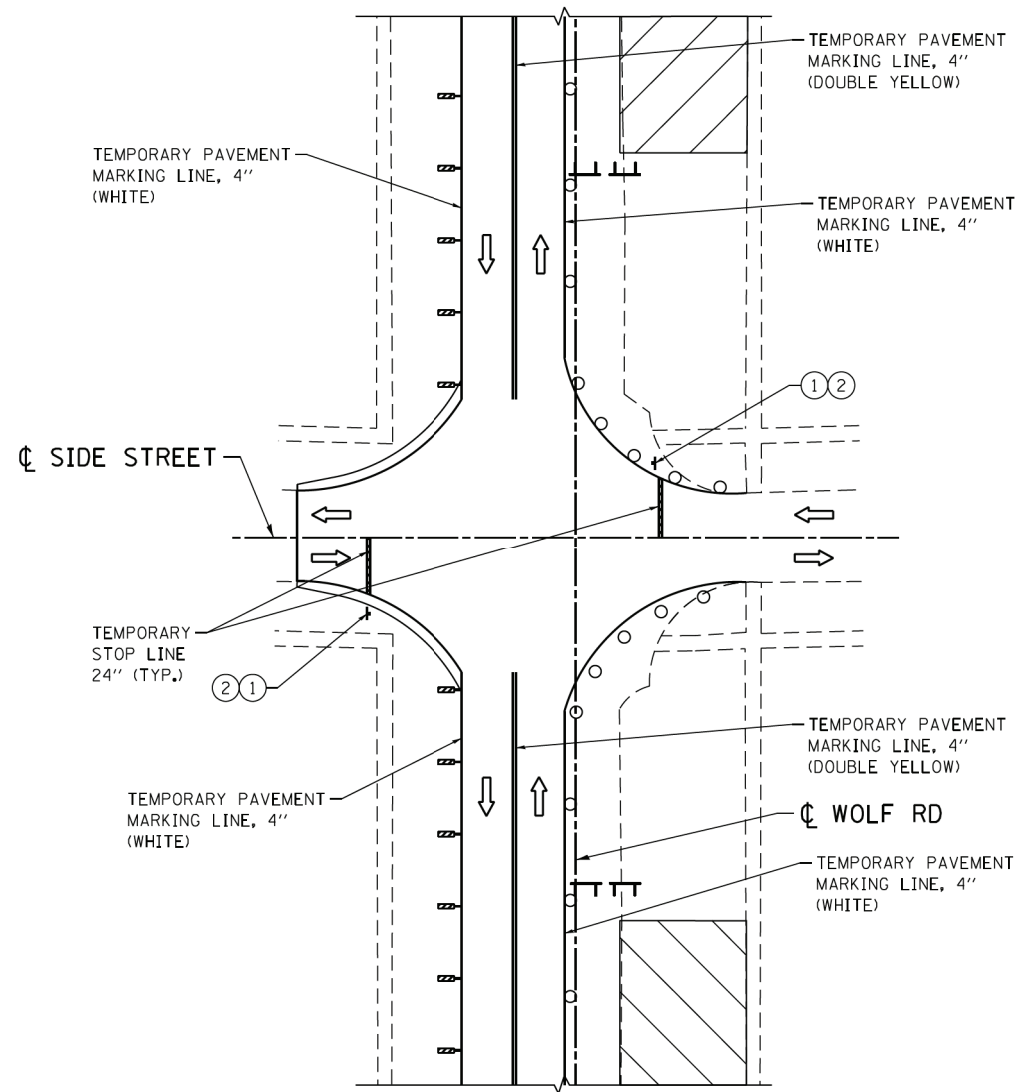
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PLOT DATE = 1/7/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC	
TYPICAL SIDE ROAD ACCESS DETAIL – STAGE 1	
SCALE:	SHEET NO. 1 OF 2 SHEETS STA. TO STA.

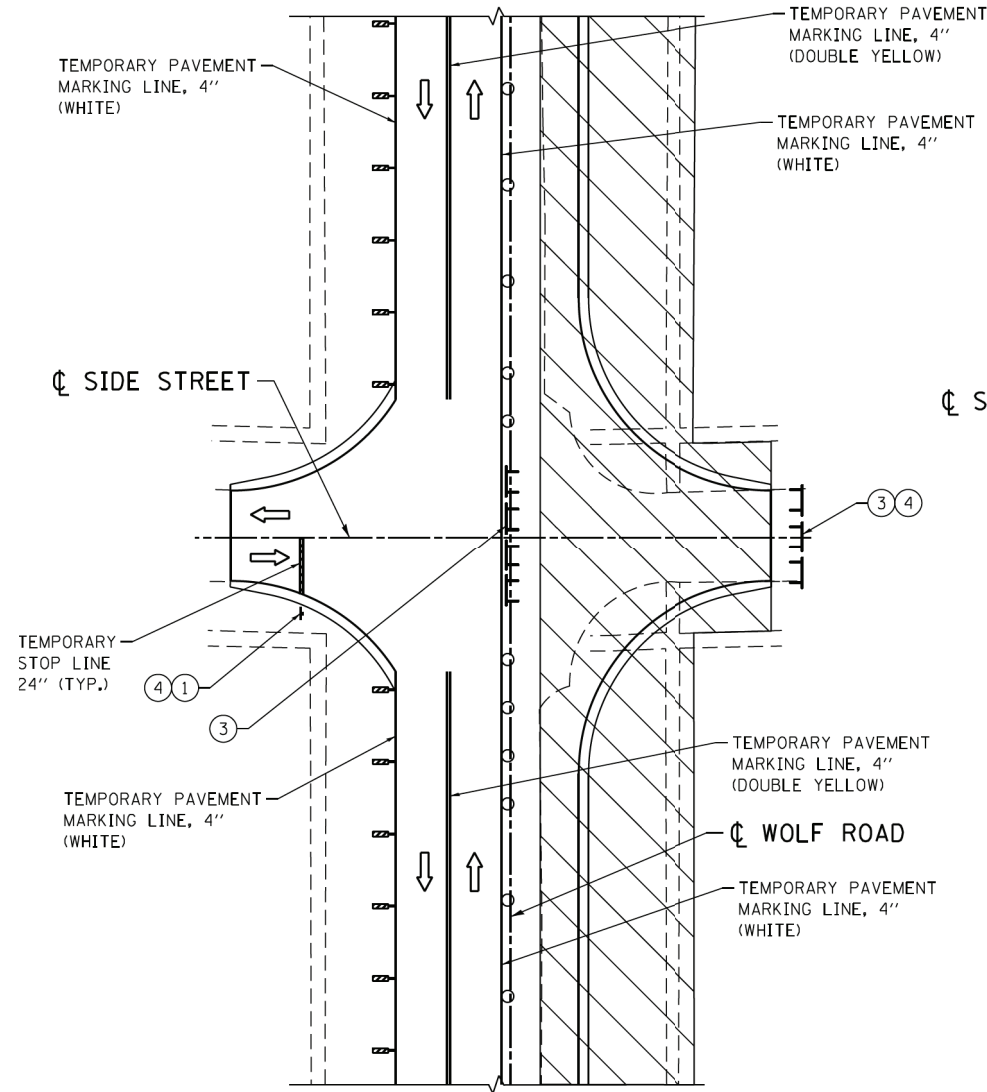
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	90
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\Projects\2013 Jobs\13-35 B & W PTB 163-06 Ph II 01 Wolf Road\CAD\CADD Sheets\0160705-shr-staging-Intersection-Details_02.dgn
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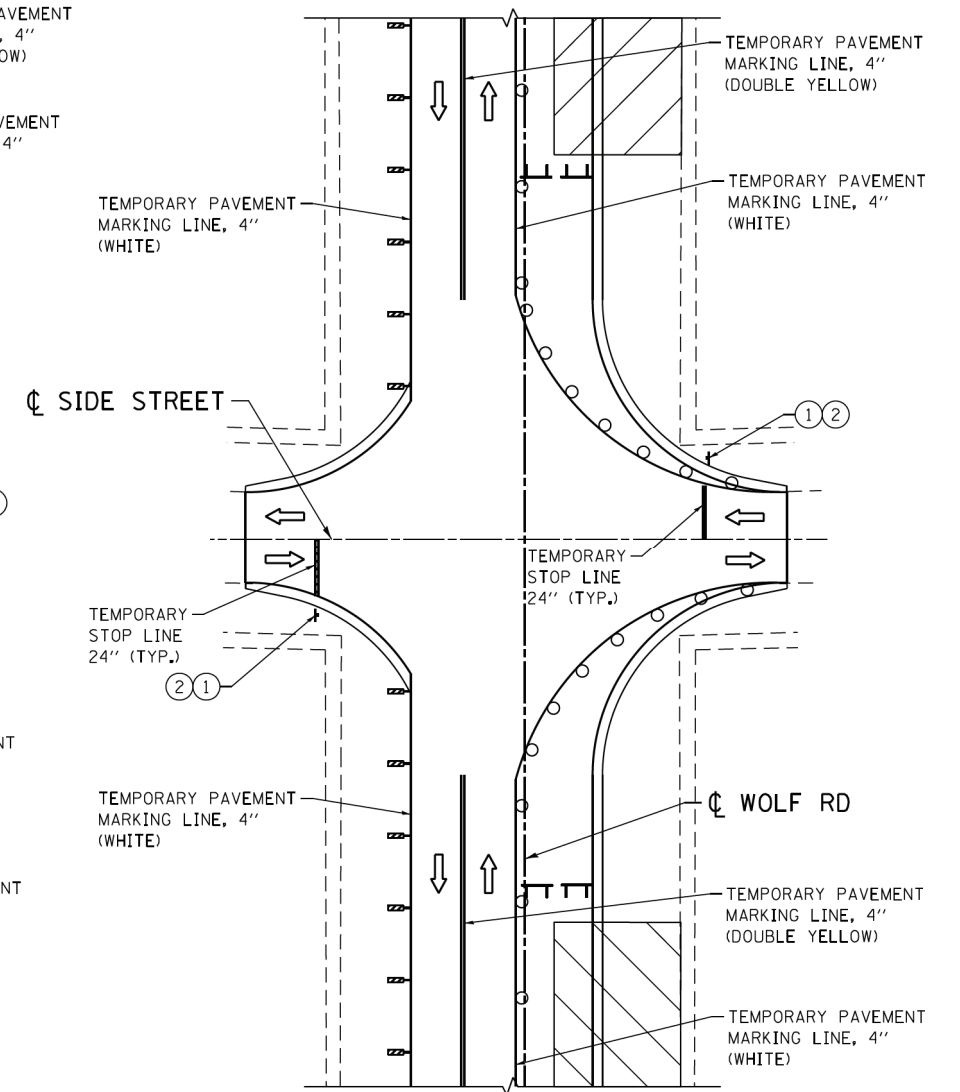
INTERSECTION DETAIL – PRIOR TO CLOSURE

STAGE 2 SHOWN (PRE-STAGE 1 AND STAGE 3 SIMILAR)



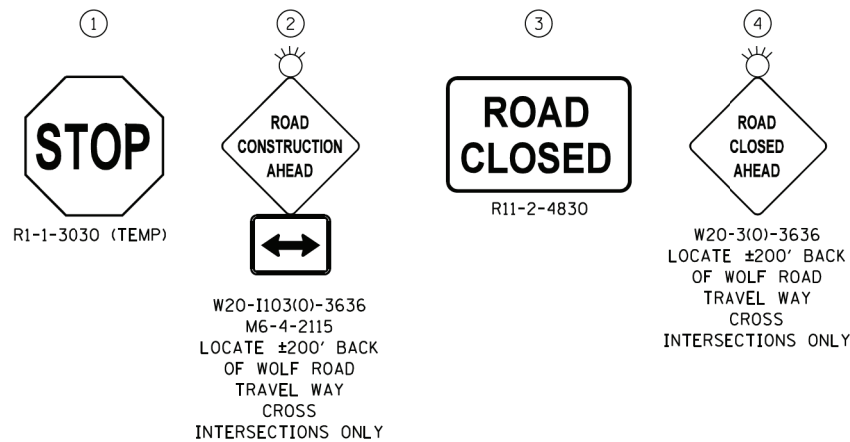
INTERSECTION DETAIL – DURING CLOSURE

STAGE 2 SHOWN (PRE-STAGE 1 AND STAGE 3 SIMILAR)



INTERSECTION DETAIL – FOLLOWING CLOSURE

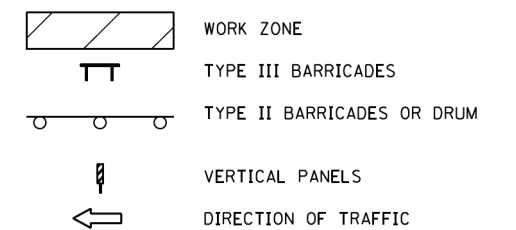
STAGE 2 SHOWN (PRE-STAGE 1 AND STAGE 3 SIMILAR)



NOTES:

1. THE CONTRACTOR SHALL INCORPORATE THIS DETAIL FOR TRAFFIC CONTROL OF SIDE ROADS.
2. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF WHEELING AND THE ENGINEER ON KEEPING ALTERNATE SIDE STREETS OPEN FOR EMERGENCY ACCESS.
3. THE CONTRACTOR SHALL USE STANDARD 701801 TO DETOUR PEDESTRIAN TRAFFIC TO OPPOSITE SIDE OF ROAD WHERE ADJACENT SIDEWALK IS AVAILABLE.
4. SEE DISTRICT 1 STANDARD TC-10, HIGHWAY STANDARD 701501, AND STAGING PLANS FOR ADDITIONAL INFORMATION.
5. APPLY SIGNING DETAILS TO ALL PUBLIC ROADWAY INTERSECTIONS ADJUSTING FOR THE INTERSECTION CONFIGURATION ("T" INTERSECTION, 4-LEG INTERSECTION).

LEGEND



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SIDE ROAD ACCESS DETAIL – PRE-STAGE, STAGE 2 AND

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2692	SECTION 3941-R	COUNTY COOK	TOTAL SHEETS 331	SHEET NO. 91
CONTRACT NO. 60T05				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL GENERAL NOTES

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
2. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES IMMEDIATELY AFTER DISTURBANCE, OR REDISTURBANCE.
4. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH MAT OR BLANKET IN COMBINATION WITH SEEDING.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
6. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR OF EROSION CONTROL MEASURES.
7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE NORTH COOK SWCD, ENGINEER, OR LOCAL AGENCY.
8. THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH NORTH COOK SOIL & WATER CONSERVATION DISTRICT AND OTHER INTERESTED REGULATORY AGENCIES AND OFFICIALS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS FROM THE NORTH COOK SOIL & WATER CONSERVATION DISTRICT AND ILLINOIS DEPARTMENT OF TRANSPORTATION.
10. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST EDITION.
11. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL. 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL, ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
12. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE NORTH COOK SOIL & WATER CONSERVATION DISTRICT.
13. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL LATEST EDITION.
14. CONCRETE WASHOUT FACILITIES SHALL BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL LATEST EDITION.
15. ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.
16. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
17. FINAL ACCEPTANCE OF PROJECT WILL BE CONTINGENT ON RECORD DRAWING APPROVAL BY THE ENGINEER.
18. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS, PERMITS, AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
19. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPCTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF MCHENRY COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
20. ALL ESC 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/>)
21. THE CONTRACTOR SHALL PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF 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 ESC DEFICIENCY DEDUCTION.
22. 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 SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
23. 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 OR MORE.
24. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
25. 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.
26. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
27. FILL MUST BE COMPOSED OF NON-ERODIBLE MATERIALS AND BE CONSTRUCTED TO WITHSTAND EXPECTED HIGH FLOWS.
28. LOW GROUND-PRESSURE EQUIPMENT IS RECOMMENDED FOR WORK IN WETLANDS. UPON DISTRICT 1 APPROVAL HEAVY EQUIPMENT MAY BE USED IF TIMBER MATS AND OTHER PROTECTIVE MEASURES ARE UTILIZED TO MINIMIZE SOIL DISTURBANCE. LUMBER TO BE USED FOR TEMPORARY CONSTRUCTION ACTIVITIES MUST BE FREE OF ALL CHEMICAL TREATMENT.
29. ALL MATERIALS USED FOR TEMPORARY CONSTRUCTION ACTIVITIES MUST BE MOVED TO AN UPLAND AREA IMMEDIATELY FOLLOWING THE COMPLETION OF THE CONSTRUCTION ACTIVITY.
30. WORK IN THE WATERWAY SHALL BE TIME TO TAKE PLACE DURING LOW OR NO-FLOW CONDITICNS. LOW FLOW CONDITIONS ARE AR OR BELOW THE NORMAL WATER ELEVATION.

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DATE - 1-10-20	FILE - D160T05-SHT_ErosionControlGenNote.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL GENERAL NOTES

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	92
CONTRACT NO. 60T05				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HARMONY DRIVE

PEGGY COURT

WOLF ROAD

TEMPORARY DRAINAGE

MATCH LINE STA. 127+50 - SEE SHEET NO. 94

HARMONY DRIVE

PEGGY COURT

WOLF ROAD

EROSION CONTROL

MATCH LINE STA. 127+50 - SEE SHEET NO. 94

LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

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DATE - 1-10-20	FILE - D160T05-SHT_eros_P51-1.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL
PRESTAGE 1 - WOLF ROAD**

SCALE: 1" = 40'

STA. 117+00 TO STA. 127+50

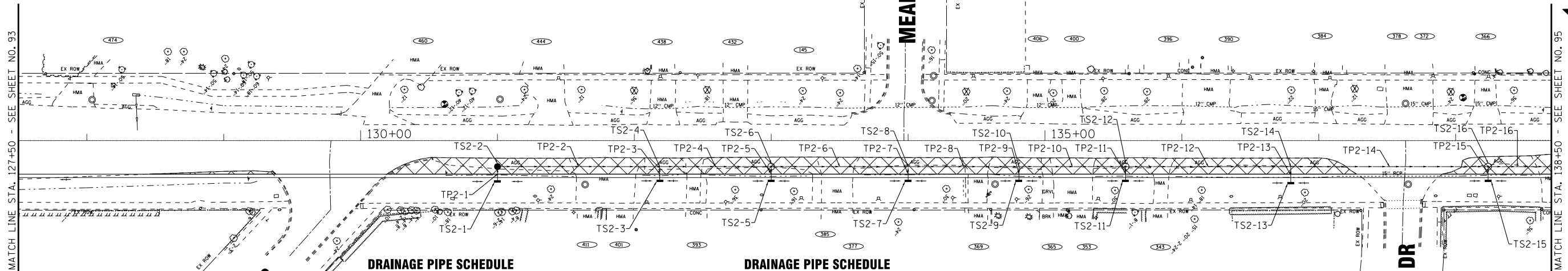
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	93
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
TS2-1	131+00	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	641.09	639.57 12" SW		
TS2-2	131+00	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.99	639.51 12" NW	639.51 12" NE	
TS2-3	132+18	29.5' RT	INLETS, TYPE A, TYPE 8 GRATE	641.28	639.32 12" SW		
TS2-4	132+18	19.0' RT	PIPE TEE	641.99	639.27 12" NW	639.27 12" NE	639.27 12" SE
TS2-5	133+00	29.5' RT	INLETS, TYPE A, TYPE 8 GRATE	641.20	639.16 12" SW		
TS2-6	133+00	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.91	639.11 12" NW	639.11 12" NE	639.11 12" SE
TS2-7	134+00	29.5' RT	INLETS, TYPE A, TYPE 8 GRATE	641.15	638.96 12" SW		
TS2-8	134+00	19.0' RT	PIPE TEE	641.86	638.91 12" NW	638.91 12" NE	638.91 12" SE

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
TS2-9	134+81	29.5' RT	INLETS, TYPE A, TYPE 8 GRATE	641.00	638.80 12" SW		
TS2-10	134+81	19.0' RT	PIPE TEE	641.71	638.75 12" NW	638.75 12" NE	638.75 12" SW
TS2-11	135+59	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	640.69	638.64 12" SW		
TS2-12	135+59	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.55	638.59 12" NW	638.59 12" NE	638.59 12" SE
TS2-13	136+80	31.0' RT	INLETS, TYPE A, TYPE 8 GRATE	640.61	638.41 12" SW		
TS2-14	136+80	19.0' RT	PIPE TEE	641.37	638.35 12" NW	638.35 12" NE	638.35 12" SE
TS2-15	138+24	29.5' RT	INLETS, TYPE A, TYPE 8 GRATE	640.42	638.11 12" SW		
TS2-16	138+24	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.13	638.06 15" NW	638.06 12" NE	638.06 12" SE



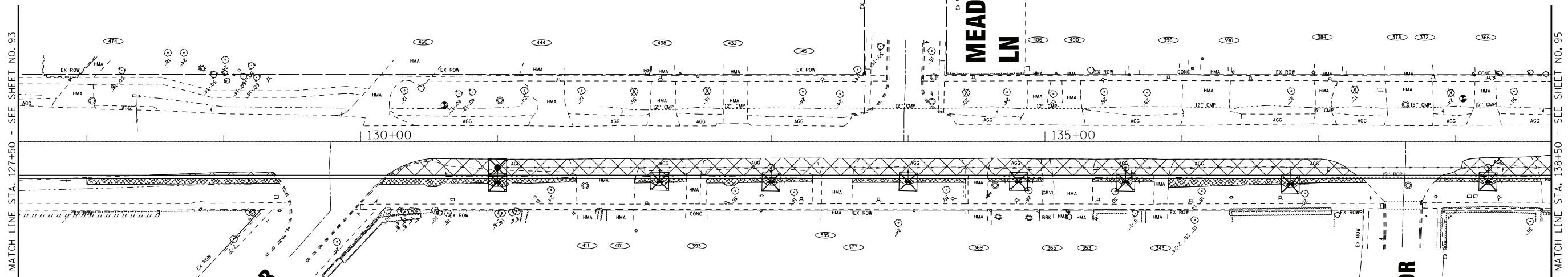
DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP2-1	TS2-1	TS2-2	TEMPORARY PIPE 12"	11	0.55%	1.5
TP2-2	TS2-2	TS2-4	TEMPORARY PIPE 12"	118	0.20%	15.6
TP2-3	TS2-3	TS2-4	TEMPORARY PIPE 12"	10	0.50%	1.3
TP2-4	TS2-4	TS2-6	TEMPORARY PIPE 12"	82	0.20%	10.8
TP2-5	TS2-5	TS2-6	TEMPORARY PIPE 12"	11	0.45%	1.5
TP2-6	TS2-6	TS2-8	TEMPORARY PIPE 12"	100	0.20%	13.2
TP2-7	TS2-7	TS2-8	TEMPORARY PIPE 12"	11	0.48%	1.4
TP2-8	TS2-8	TS2-10	TEMPORARY PIPE 12"	81	0.20%	10.7

DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP2-9	TS2-9	TS2-10	TEMPORARY PIPE 12"	11	0.48%	1.4
TP2-10	TS2-10	TS2-12	TEMPORARY PIPE 12"	78	0.21%	10.3
TP2-11	TS2-11	TS2-12	TEMPORARY PIPE 12"	11	0.48%	1.4
TP2-12	TS2-12	TS2-14	TEMPORARY PIPE 12"	120	0.20%	15.8
TP2-13	TS2-13	TS2-14	TEMPORARY PIPE 12"	12	0.50%	1.6
TP2-14	TS2-14	TS2-16	TEMPORARY PIPE 12"	144	0.20%	19.0
TP2-15	TS2-15	TS2-16	TEMPORARY PIPE 12"	11	0.48%	1.4
TP2-16	TS2-16	TS3-2	TEMPORARY PIPE 15"	73	0.21%	10.4

NOTE:
1. TEMPORARY DRAINAGE SWALES SHALL BE GRADED AT 0.3% UNLESS CALLED OUT SPECIFICALLY.



LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

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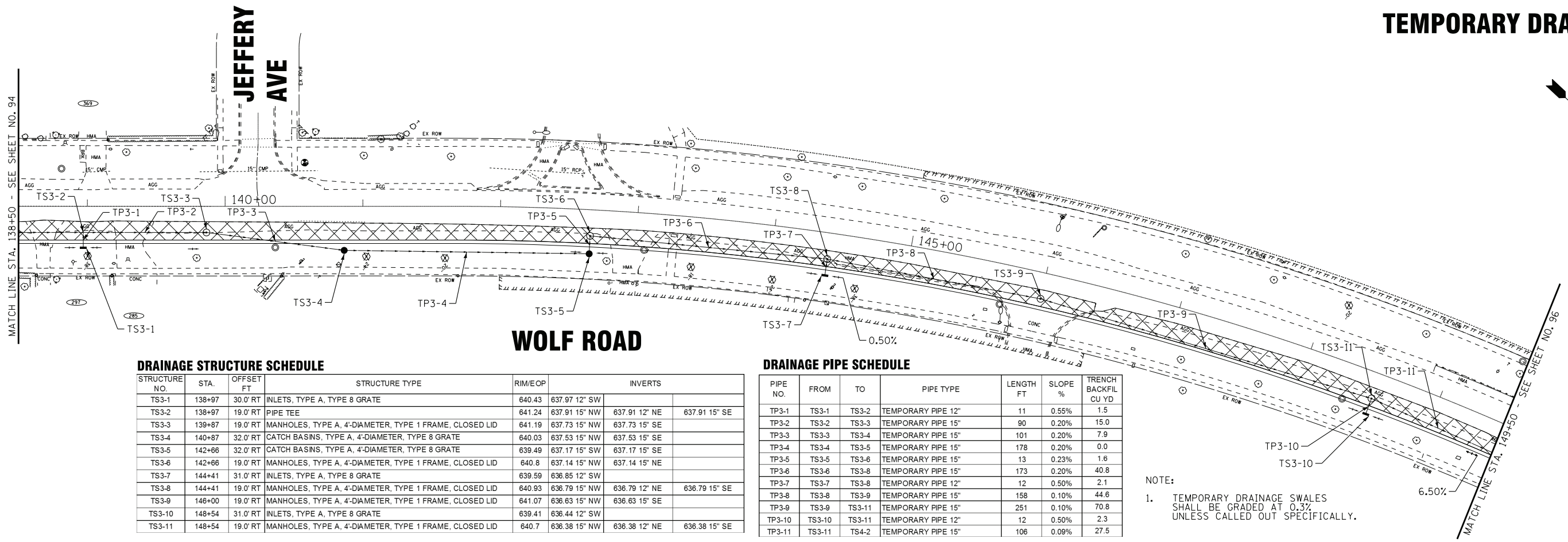
BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_eros_P51-2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE AND EROSION CONTROL
PRESTAGE 1 - WOLF ROAD
SCALE: 1" = 40'
STA. 127+50 TO STA. 138+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

TEMPORARY DRAINAGE



DRAINAGE STRUCTURE SCHEDULE

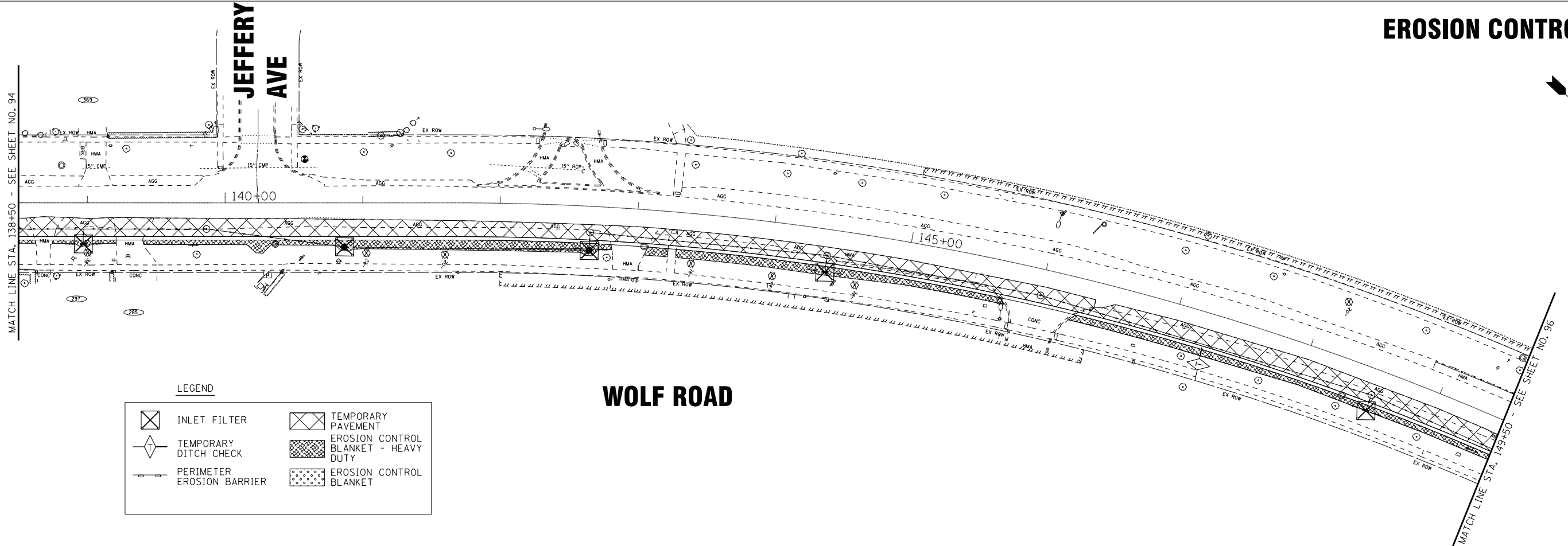
STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
TS3-1	138+97	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	640.43	637.97 12" SW		
TS3-2	138+97	19.0' RT	PIPE TEE	641.24	637.91 15" NW	637.91 12" NE	637.91 15" SE
TS3-3	139+87	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.19	637.73 15" NW	637.73 15" SE	
TS3-4	140+87	32.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	640.03	637.53 15" NW	637.53 15" SE	
TS3-5	142+66	32.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	639.49	637.17 15" SW	637.17 15" SE	
TS3-6	142+66	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.8	637.14 15" NW	637.14 15" NE	
TS3-7	144+41	31.0' RT	INLETS, TYPE A, TYPE 8 GRATE	639.59	636.85 12" SW		
TS3-8	144+41	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.93	636.79 15" NW	636.79 12" NE	636.79 15" SE
TS3-9	146+00	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.07	636.63 15" NW	636.63 15" SE	
TS3-10	148+54	31.0' RT	INLETS, TYPE A, TYPE 8 GRATE	639.41	636.44 12" SW		
TS3-11	148+54	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.7	636.38 15" NW	636.38 12" NE	636.38 15" SE

DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP3-1	TS3-1	TS3-2	TEMPORARY PIPE 12"	11	0.55%	1.5
TP3-2	TS3-2	TS3-3	TEMPORARY PIPE 15"	90	0.20%	15.0
TP3-3	TS3-3	TS3-4	TEMPORARY PIPE 15"	101	0.20%	7.9
TP3-4	TS3-4	TS3-5	TEMPORARY PIPE 15"	178	0.20%	0.0
TP3-5	TS3-5	TS3-6	TEMPORARY PIPE 15"	13	0.23%	1.6
TP3-6	TS3-6	TS3-8	TEMPORARY PIPE 15"	173	0.20%	40.8
TP3-7	TS3-7	TS3-8	TEMPORARY PIPE 12"	12	0.50%	2.1
TP3-8	TS3-8	TS3-9	TEMPORARY PIPE 15"	158	0.10%	44.6
TP3-9	TS3-9	TS3-11	TEMPORARY PIPE 15"	251	0.10%	70.8
TP3-10	TS3-10	TS3-11	TEMPORARY PIPE 12"	12	0.50%	2.3
TP3-11	TS3-11	TS4-2	TEMPORARY PIPE 15"	106	0.09%	27.5

NOTE:
1. TEMPORARY DRAINAGE SWALES SHALL BE GRADED AT 0.3% UNLESS CALLED OUT SPECIFICALLY.

EROSION CONTROL



LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

WOLF ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE AND EROSION CONTROL
PRESTAGE 1 - WOLF ROAD

SCALE: 1" = 40'

STA. 138+50 TO STA. 149+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	95
CONTRACT NO. 60T05				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BAXTER & WOODMAN
consulting engineers

DESIGNED - AMW	REVISED -
DRAWN - CJC	REVISED -
CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_eros_P51-3.dgn

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DRAINAGE PIPE SCHEDULE

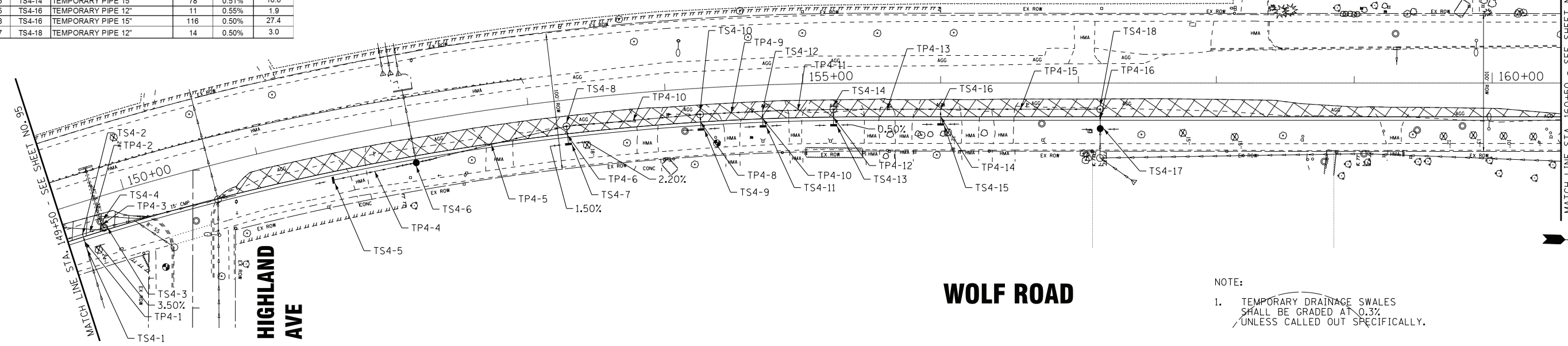
PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP4-1	TS4-1	TS4-2	TEMPORARY PIPE 24"	11	16.00%	1.3
TP4-2	TS4-2	TS4-3	TEMPORARY PIPE 15"	16	0.12%	3.8
TP4-3	TS4-3	TS4-4	TEMPORARY PIPE 15"	5	0.20%	1.2
TP4-4	TS4-6	TS4-5	TEMPORARY PIPE 15"	62	0.50%	7.5
TP4-5	TS4-8	TS4-6	TEMPORARY PIPE 15"	112	0.50%	13.6
TP4-6	TS4-7	TS4-8	TEMPORARY PIPE 12"	13	0.54%	1.7
TP4-7	TS4-10	TS4-8	TEMPORARY PIPE 15"	97	0.51%	16.2
TP4-8	TS4-9	TS4-10	TEMPORARY PIPE 12"	11	0.55%	1.5
TP4-9	TS4-12	TS4-10	TEMPORARY PIPE 15"	45	0.51%	8.6
TP4-10	TS4-11	TS4-12	TEMPORARY PIPE 12"	11	0.55%	1.7
TP4-11	TS4-14	TS4-12	TEMPORARY PIPE 15"	52	0.50%	9.8
TP4-12	TS4-13	TS4-14	TEMPORARY PIPE 12"	11	0.55%	1.5
TP4-13	TS4-16	TS4-14	TEMPORARY PIPE 15"	78	0.51%	16.6
TP4-14	TS4-15	TS4-16	TEMPORARY PIPE 12"	11	0.55%	1.9
TP4-15	TS4-18	TS4-16	TEMPORARY PIPE 15"	116	0.50%	27.4
TP4-16	TS4-17	TS4-18	TEMPORARY PIPE 12"	14	0.50%	3.0

DRAINAGE STRUCTURE SCHEDULE

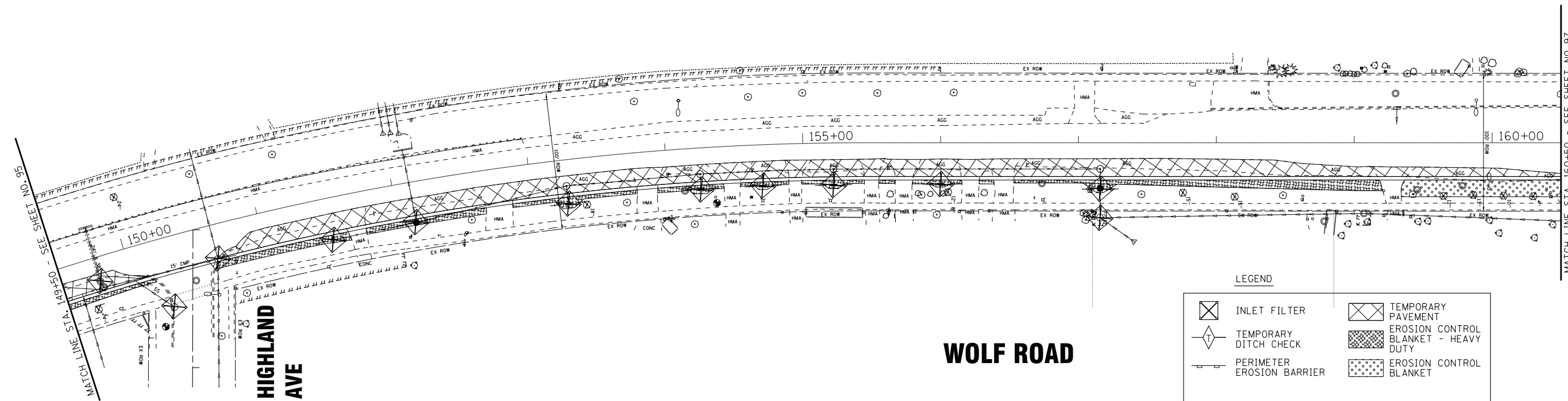
STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
TS4-1	149+62	34.0' RT	METAL END SECTIONS 24"	638.04	638.04 24" NW		
TS4-2	149+62	22.5' RT	PIPE TEE	640.40	636.28 15" NW	636.28 24" NE	636.28 15" SE
TS4-3	149+78	22.5' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.18	636.26 15" S	636.26 15" W	
TS4-4	149+77	17.4' RT	EXISTING MANHOLE	640.28	636.25 24"x38" W	636.25 15" E	
TS4-5	151+50	30.5' RT	INLETS, TYPE A, TYPE 8 GRATE	639.21	636.60 15" N		
TS4-6	152+13	29.5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	639.11	636.22 24" W	636.22 15" N	636.29 15" S
TS4-7	153+26	32.0' RT	INLETS, TYPE A, TYPE 8 GRATE	638.14	636.85 12" W		
TS4-8	153+26	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.13	636.78 15" S	636.78 15" N	636.78 12" E
TS4-9	154+24	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	639.77	637.33 12" W		

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
TS4-10	154+24	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	640.78	637.27 15" S	637.27 15" N	637.27 12" E
TS4-11	154+70	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	640.22	637.56 12" W		
TS4-12	154+70	19.0' RT	PIPE TEE	641.13	637.50 15" S	637.50 15" N	637.50 12" E
TS4-13	155+22	30.5' RT	INLETS, TYPE A, TYPE 8 GRATE	640.30	637.82 12" W		
TS4-14	155+22	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.41	637.76 15" S	637.76 15" N	637.76 12" E
TS4-15	156+00	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	641.09	638.22 12" W		
TS4-16	156+00	19.0' RT	PIPE TEE	641.90	638.16 15" S	638.16 15" N	638.16 12" E
TS4-17	157+16	33.0' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	641.98	638.81 12" W	640.81 12" E	
TS4-18	157+16	19.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	642.96	638.74 15" S	638.74 12" E	



EROSION CONTROL



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	DATE - 1-10-20	FILE - D160T05-SHT_eros_P1-4.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE AND EROSION CONTROL
PRESTAGE 1 - WOLF ROAD

SCALE: 1" = 40'

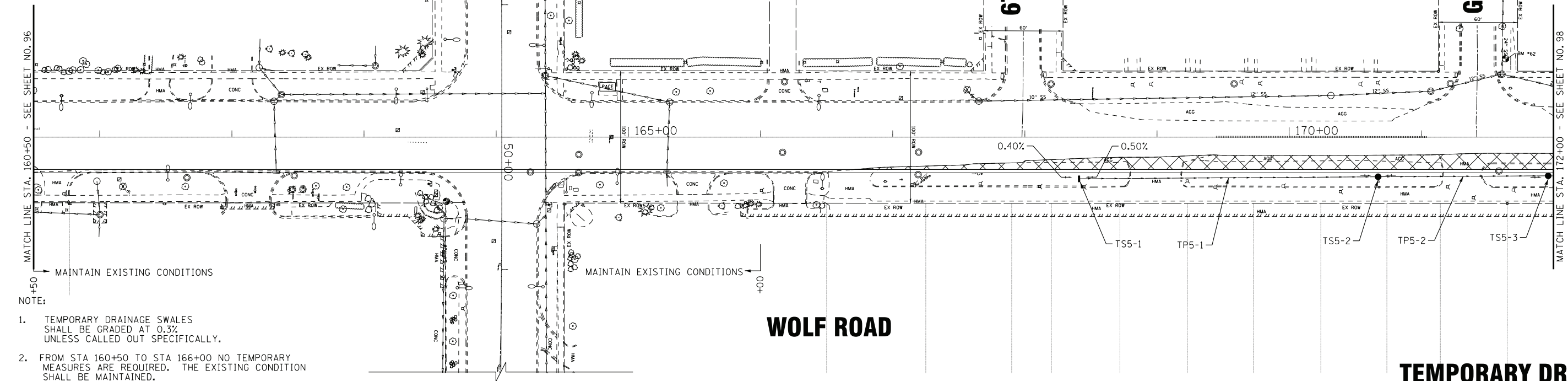
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	96
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		CONTRACT NO. 60T05		

DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP5-1	TS5-1	TS5-2	TEMPORARY PIPE 12"	226	0.50%	5.9
TP5-2	TS5-2	TS5-3	TEMPORARY PIPE 12"	129	0.50%	4.8

DRAINAGE STRUCTURE SCHEDULE

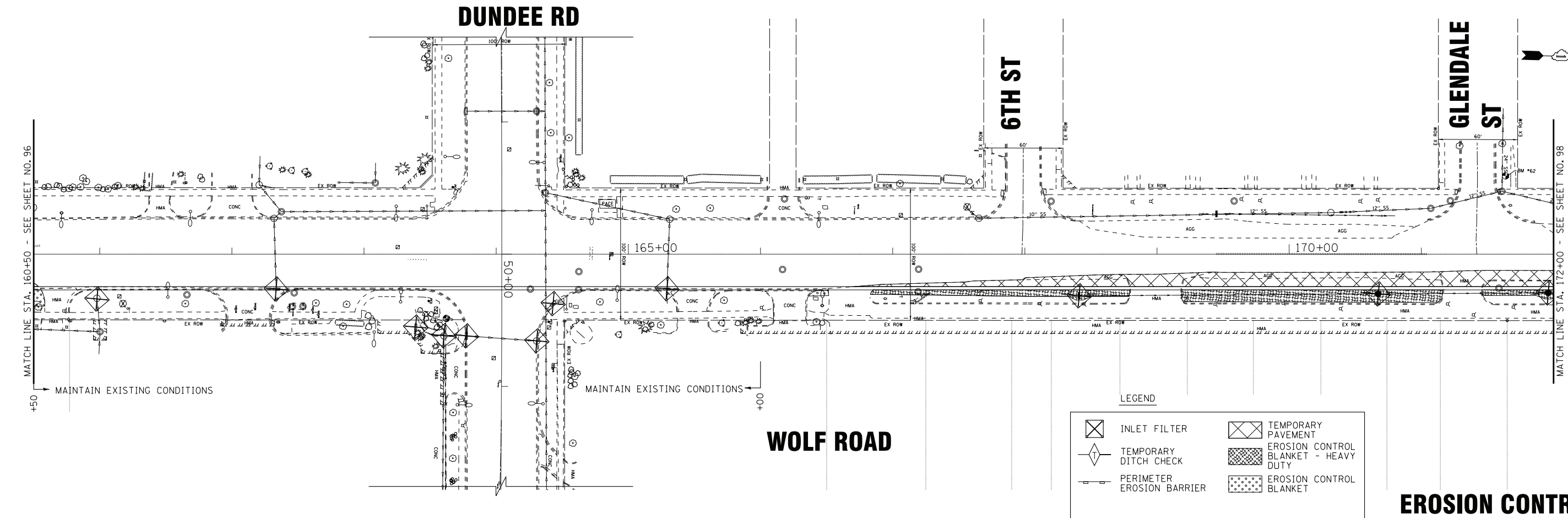
STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS	
TS5-1	168+41	31.5' RT	INLETS, TYPE A, TYPE B GRATE	644.00	643.01 12" N	
TS5-2	170+67	30.0' RT	CATCH BASINS, TYPE C, TYPE B GRATE	643.50	641.88 12" N	641.88 12" S
TS5-3	171+96	30.0' RT	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 1 FRAME, OPEN LID	645.03	641.24 15" N	641.24 12" S



- NOTE:
1. TEMPORARY DRAINAGE SWALES SHALL BE GRADED AT 0.3% UNLESS CALLED OUT SPECIFICALLY.
 2. FROM STA 160+50 TO STA 166+00 NO TEMPORARY MEASURES ARE REQUIRED. THE EXISTING CONDITION SHALL BE MAINTAINED.

WOLF ROAD

TEMPORARY DRAINAGE



WOLF ROAD

EROSION CONTROL

LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

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BAXTER & WOODMAN consulting engineers	DESIGNED - AMW	REVISED -
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 1-10-20	FILE - D160T05-SHT_eros_P51-5.dgn

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**TEMPORARY DRAINAGE AND EROSION CONTROL
PRESTAGE 1 - WOLF ROAD**

SCALE: 1" = 40' STA. 160+50 TO STA. 172+00

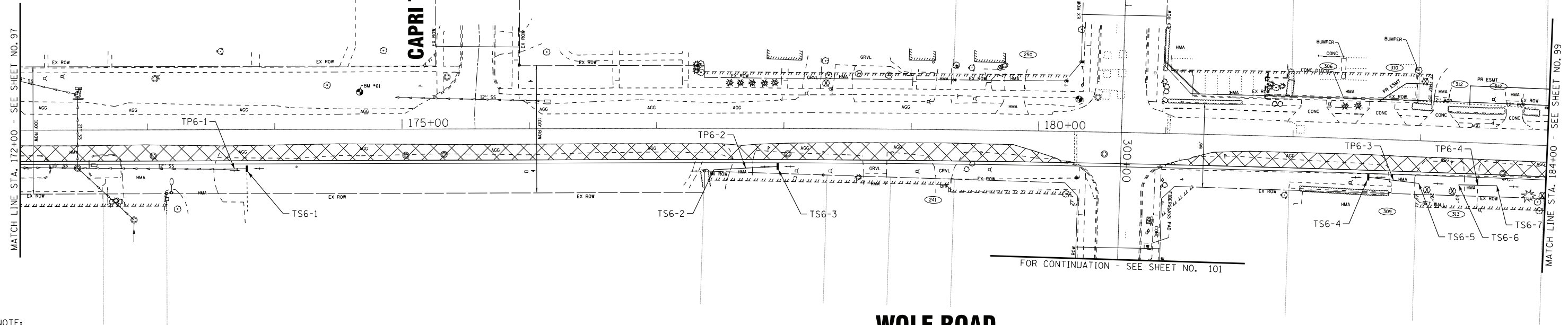
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	97
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		CONTRACT NO. 60T05		

DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP6-1	TS6-1	EX PIPE	TEMPORARY PIPE 12"	19	1.37%	0.0
TP6-2	TS6-3	TS6-2	TEMPORARY PIPE CULVERT 12"	50	0.50%	2.9
TP6-3	TS6-5	TS6-4	TEMPORARY PIPE CULVERT 12"	40	0.50%	3.2
TP6-4	TS6-7	TS6-6	TEMPORARY PIPE CULVERT 12"	30	0.40%	1.9

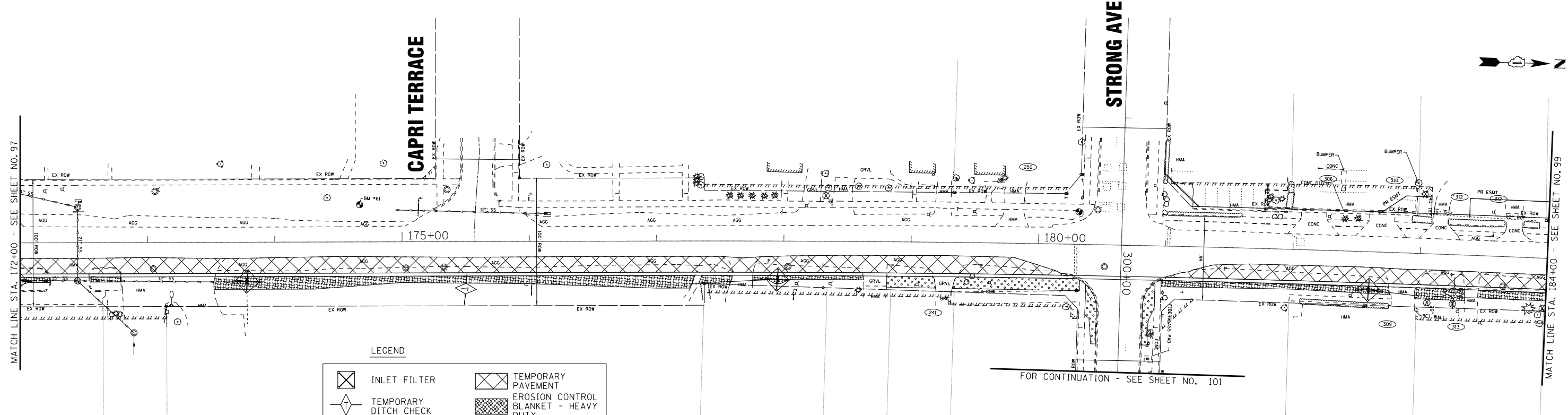
DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS	
TS6-1	173+78	31.5' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	644.95	643.55 12" S	643.55 6" E
TS6-2	177+49	32.5' RT	METAL END SECTIONS 12"		646.05 12" N	
TS6-3	177+95	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	647.72	646.30 12" S	
TS6-4	182+60	30.0' RT	INLETS, TYPE A, TYPE 8 GRATE	646.52	645.21 12" N	
TS6-5	183+00	33.5' RT	METAL END SECTIONS 12"		645.01 12" N	
TS6-6	183+31	33.5' RT	METAL END SECTIONS 12"		644.92 12" N	
TS6-7	183+62	33.0' RT	METAL END SECTIONS 12"		644.80 12" N	



NOTE:
1. TEMPORARY DRAINAGE SWALES SHALL BE GRADED AT 0.3% UNLESS CALLED OUT SPECIFICALLY.

TEMPORARY DRAINAGE



LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

WOLF ROAD

EROSION CONTROL

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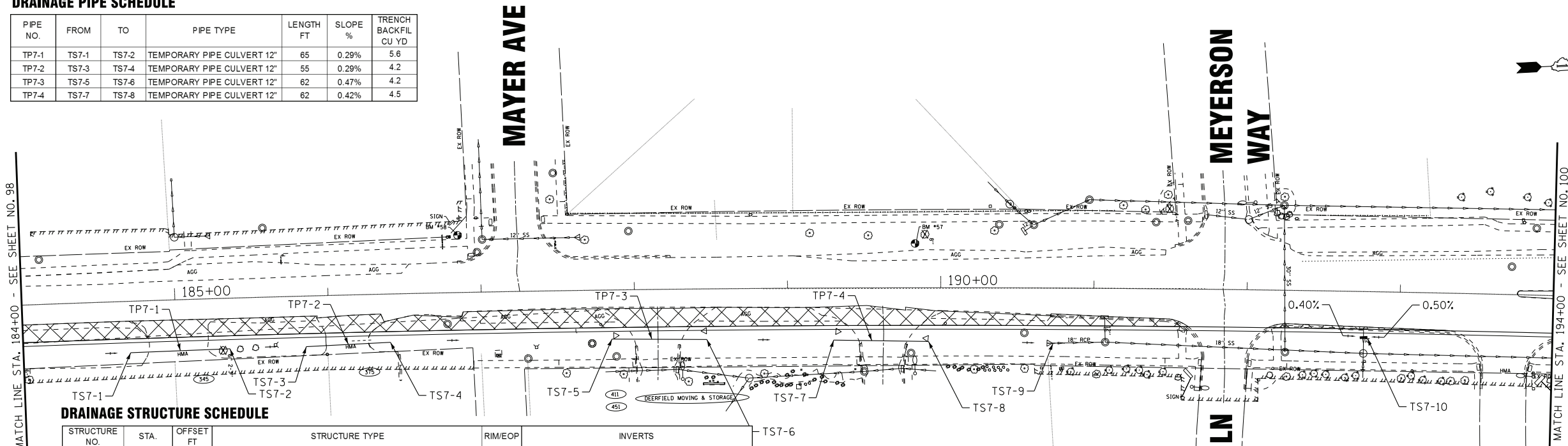
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TEMPORARY DRAINAGE AND EROSION CONTROL	
PRESTAGE 1 - WOLF ROAD	
SCALE: 1" = 40'	STA. 172+00 TO STA. 184+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	98
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	

DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFIL CU YD
TP7-1	TS7-1	TS7-2	TEMPORARY PIPE CULVERT 12"	65	0.29%	5.6
TP7-2	TS7-3	TS7-4	TEMPORARY PIPE CULVERT 12"	55	0.29%	4.2
TP7-3	TS7-5	TS7-6	TEMPORARY PIPE CULVERT 12"	62	0.47%	4.2
TP7-4	TS7-7	TS7-8	TEMPORARY PIPE CULVERT 12"	62	0.42%	4.5

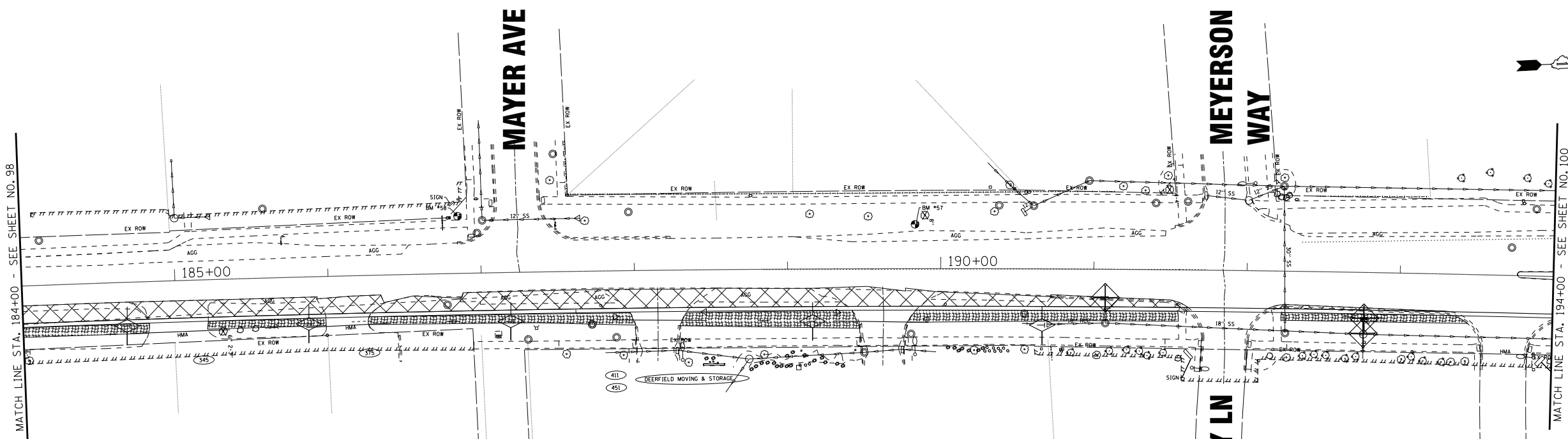


DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIMEOP	INVERTS
TS7-1	184+70	33.5 RT	METAL END SECTIONS 12"		644.47 12" N
TS7-2	185+35	33.0 RT	METAL END SECTIONS 12"		644.28 12" N
TS7-3	185+85	33.0 RT	METAL END SECTIONS 12"		644.13 12" N
TS7-4	186+40	31.5 RT	METAL END SECTIONS 12"		643.97 12" N
TS7-5	187+85	32.0 RT	METAL END SECTIONS 12"		643.71 12" N
TS7-6	188+47	33.0 RT	METAL END SECTIONS 12"		643.42 12" N
TS7-7	189+30	34.0 RT	METAL END SECTIONS 12"		643.11 12" N
TS7-8	189+92	35.0 RT	METAL END SECTIONS 12"		642.85 12" N
TS7-9	190+70	36.0 RT	EX END SECTION		642.69 12" N
TS7-10	192+76	30.0 RT	INLETS, TYPE A, TYPE 8 GRATE	644.64	642.82 12" E

NOTE:
1. TEMPORARY DRAINAGE SWALES SHALL BE GRADED AT 0.3% UNLESS CALLED OUT SPECIFICALLY.

TEMPORARY DRAINAGE



LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

EROSION CONTROL

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CHECKED - JFM	REVISED -
DATE - 1-10-20	FILE - D160T05-SHT_eros_P51-7.dgn

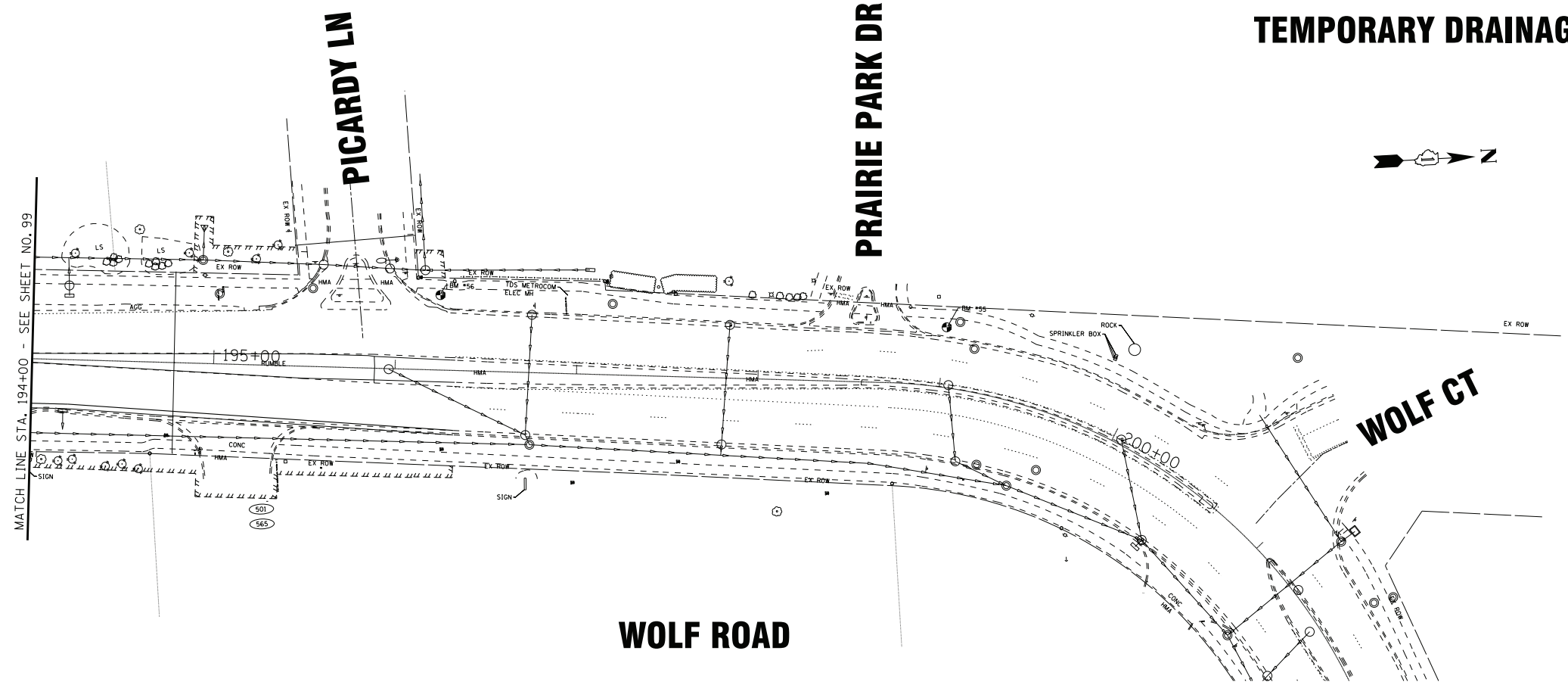
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TEMPORARY DRAINAGE AND EROSION CONTROL
PRESTAGE 1 - WOLF ROAD

SCALE: 1" = 40' STA. 184+00 TO STA. 194+00

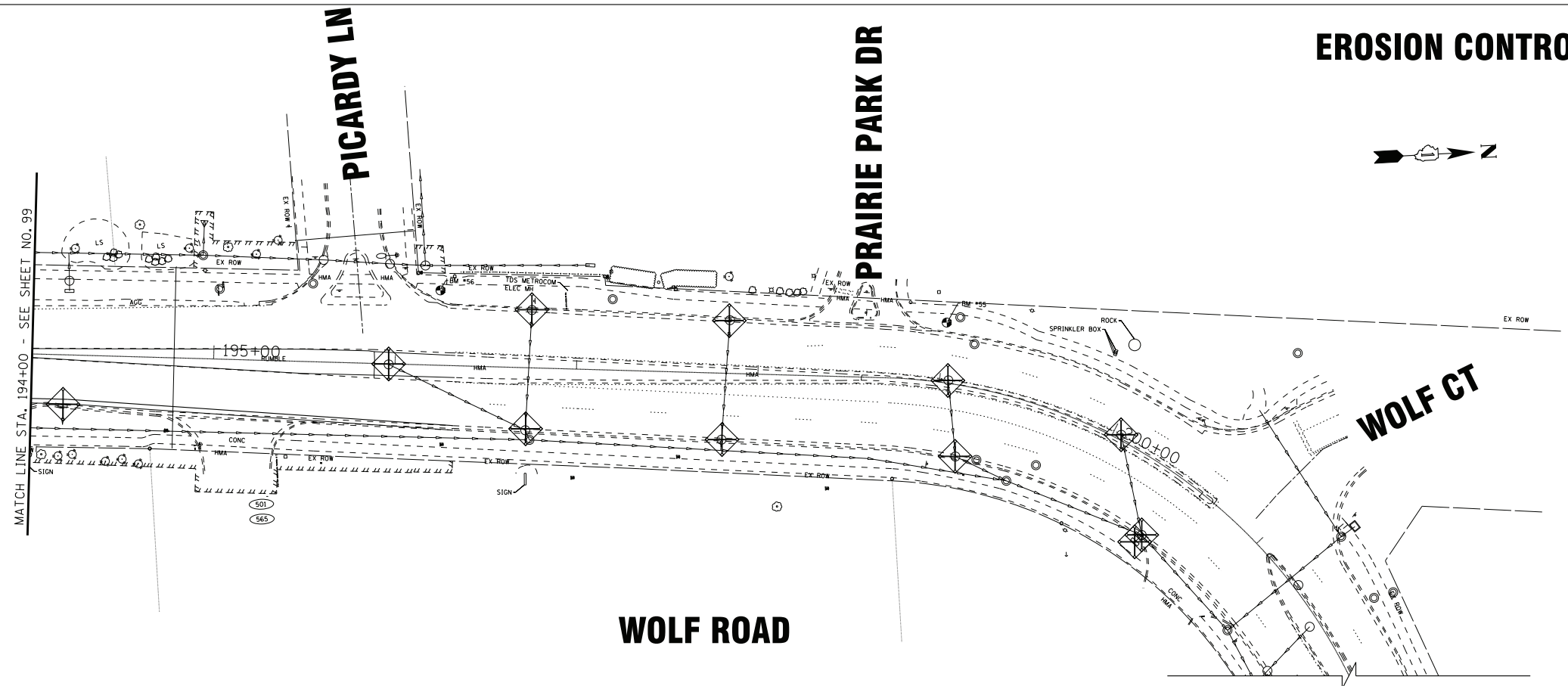
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T05	

TEMPORARY DRAINAGE



NOTE:
 1. TEMPORARY DRAINAGE SWALES SHALL BE GRADED AT 0.3% UNLESS CALLED OUT SPECIFICALLY.

EROSION CONTROL



LEGEND

	INLET FILTER		TEMPORARY PAVEMENT
	TEMPORARY DITCH CHECK		EROSION CONTROL BLANKET - HEAVY DUTY
	PERIMETER EROSION BARRIER		EROSION CONTROL BLANKET

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL
 PRESTAGE 1 - WOLF ROAD**

SCALE: 1" = 40'

STA. 194+00 TO STA. 201+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	3941-R	COOK	331	100
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60T05	