

125

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PROPOSED  
HIGHWAY PLANS**

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	1
ILLINOIS			CONTRACT NO. 62D42	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**TRAFFIC DATA**

**PULASKI ROAD**

DESIGN DESIGNATION: PRINCIPAL ARTERIAL  
CURRENT ADT (2018): 31,600 ADT  
PROJECTED ADT (2040): 44,000 ADT  
DESIGN SPEED 35 MPH  
POSTED SPEED 35 MPH

**FORD CITY DRIVE**

DESIGN DESIGNATION: LOCAL ROAD  
CURRENT ADT (2015): 850 ADT  
PROJECTED ADT (2040): 3,000 ADT

PROJECT LOCATED IN THE CITY OF CHICAGO

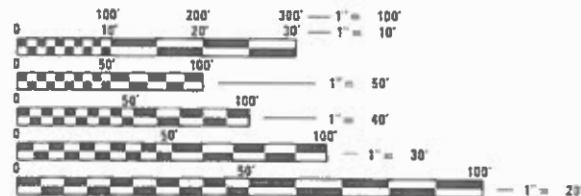
FAP ROUTE 368 (PULASKI ROAD) AT FORD CITY DRIVE  
SECTION 1919-N(16)  
PROJECT NHPP-62JZ(021)  
BRIDGE REMOVAL/ROADWAY IMPROVEMENTS  
COOK COUNTY

PULASKI ROAD IMPROVEMENTS END STA 219 + 36.53  
EXISTING S.N. 016-0750 TO BE REMOVED  
FORD CITY DRIVE IMPROVEMENTS BEGIN STA 407 + 09.44  
PULASKI ROAD IMPROVEMENTS BEGIN STA 210 + 95.07



LOCATION MAP

GROSS LENGTH = 841.46 FT. = 0.159 MILE  
NET LENGTH = 841.46 FT. = 0.159 MILE

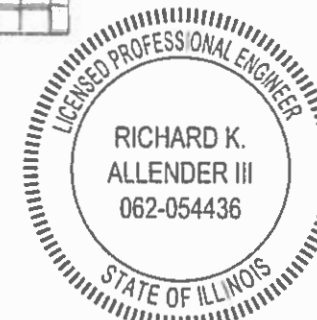


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

C.U.A.N.  
CHICAGO UTILITY ALERT NETWORK  
1-312-744-7000



*P. K. Gandhi*  
Expires: 11/30/2021  
SHEETS 52-63 OF 110



*Richard K. Allender III* 2-4-2020  
Expires: 11/30/2021  
SHEETS 1-51 AND 64-110 OF 110

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

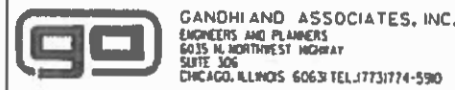
SUBMITTED February 4, 2020  
*Richard K. Allender III*  
Regional Engineer

March 20, 2020  
*[Signature]*  
Engineer of Design and Environment

March 20, 2020  
*[Signature]*  
Director of Highway Project Implementation 13



PROJECT MANAGER: FAWAD AQUEEL, P.E. (847) 705-4247  
PROJECT ENGINEER: PRAVEEN KAINI, P.E. (847) 705-4237  
CONTRACT NO. 62D42



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

1 COVER SHEET  
 2 INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES  
 3 SOIL EROSION AND SEDIMENTATION CONTROL NOTES  
 4 - 13 SUMMARY OF QUANTITIES  
 14 - 15 TYPICAL SECTIONS - PULASKI ROAD  
 16 - 17 TYPICAL SECTIONS - FORD CITY DRIVE  
 18 - 19 ALIGNMENT, TIES AND BENCHMARKS  
 20 - 21 REMOVAL PLAN - PULASKI ROAD  
 22 - 24 REMOVAL PLAN - FORD CITY DRIVE  
 25 - 26 ROADWAY PLAN - PULASKI ROAD  
 27 - 28 ROADWAY PLAN - FORD CITY DRIVE  
 29 - 30 MAINTENANCE OF TRAFFIC - DETOUR PLAN  
 31 MAINTENANCE OF TRAFFIC - STAGE I  
 32 - 35 MAINTENANCE OF TRAFFIC - STAGE II  
 36 - 39 MAINTENANCE OF TRAFFIC - STAGE III  
 40 EROSION AND SEDIMENT CONTROL PLAN  
 41 - 42 DRAINAGE PLAN - PULASKI ROAD  
 43 - 45 DRAINAGE PLAN - FORD CITY DRIVE  
 46 - 47 PAVEMENT MARKING PLANS - PULASKI ROAD  
 48 - 49 PAVEMENT MARKING PLANS - FORD CITY DRIVE  
 50 PROPOSED GRADING PLAN  
 51 LANDSCAPE PLAN  
 52 - 61 LIGHTING DETAILS  
 62 - 63 TRAFFIC SIGNAL DETAILS  
 64 - 65 SIDEWALK DETAILS AND ADA RAMPS  
 66 - 71 EXISTING STRUCTURE PLANS  
 72 BD-08 FRAMES AND LIDS ADJUSTMENT WITH MILLING  
 73 BD-09 CITY OF CHICAGO DRAINAGE DETAILS  
 74 BD-17 CITY OF CHICAGO PCC CONC DRIVEWAY, ALLEY RETURN AND SIDEWALK  
 75 BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT  
 76 BD-32 BUTT JOINTS AND HMA TAPER  
 77 BD-47 CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS  
 78 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS  
 79 TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)  
 80 TC-16 SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS  
 81 TC-21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS  
 82 TC-22 ARTERIAL ROAD INFORMATION SIGN  
 83 - 85 TC-24 CITY OF CHICAGO TYPICAL PAVEMENT MARKING  
 86 TC-26 DRIVEWAY ENTRANCE SIGNING  
 87 - 98 PROPOSED CROSS SECTIONS - PULASKI ROAD  
 99 - 110 PROPOSED CROSS SECTIONS - FORD CITY DRIVE

**ILLINOIS DOT HIGHWAY STANDARDS**

000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 001006-00 DECIMAL OF AN INCH AND OF A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
 424021-05 DEPRESSED CORNER FOR SIDEWALKS  
 424031-02 MEDIAN PEDESTRIAN CROSSINGS  
 542501-02 INLET BOX TYPE 24 (600) A  
 601001-05 PIPE UNDERDRAINS  
 602011-02 CATCH BASIN, TYPE C  
 602401-06 PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER  
 602701-02 MANHOLE STEPS  
 604001-05 FRAME AND LIDS, TYPE 1  
 604036-03 GRATE, TYPE 8  
 604061-03 FRAME AND GRATE, TYPE 12  
 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 606301-04 PC CONCRETE ISLANDS AND MEDIANS  
 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE  
 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY  
 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS = 40 MPH  
 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN  
 701611-01 URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN  
 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION  
 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE  
 701901-08 TRAFFIC CONTROL DEVICES  
 720001-01 SIGN PANEL MOUNTING DETAILS  
 720006-04 SIGN PANEL ERECTION DETAILS  
 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS  
 725001-01 OBJECT AND TERMINAL MARKERS  
 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)

**GENERAL NOTES**

- SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF IDOT STANDARD SPECIFICATIONS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- 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.
- THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, KYLIE VOGRIN, AT KYLIE.VOGRIN@ILLINOIS.GOV A MINIMUM OF TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONTACT C.U.A.N. (1-312-744-7000) 48 HOURS PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER."
- THE CONTRACTOR SHALL TAKE CARE TO PROTECT ALL SIGNS ALONG THE ROUTE OF CONSTRUCTION. SIGNS SHALL BE REMOVED IF THEY ARE IN CONFLICT WITH PROPOSED WORK, AND APPROVED BY ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY EXISTING DAMAGE TO A SIGN PRIOR TO REMOVAL. THE CONTRACTOR SHALL REPLACE ALL SIGNS AND POSTS DAMAGED DURING REMOVAL. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE RELOCATION OF SIGNS SHALL BE INCLUDED IN THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR ACCORDING TO ART. 107.25. UNLESS MARKED ON PLANS.
- THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR GUARDRAIL REMOVAL.
- ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN. WET, OR IN AN UNTILLABLE CONDITION.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION-SUSTAINING SOIL COVERING THE TOP SIX INCHES IN AREAS TO BE SEEDED OR SODDED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS. WITH WRITTEN APPROVAL FROM THE ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 V:H.
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL PERMANENT SEEDBEDS ACCORDING TO SECTION 250.04 OF THE STANDARD SPECIFICATIONS.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS IF THE CONTACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BOE 2289) AND USE/WASTE REVIEW (BOE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**GENERAL NOTES**

- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL CONTACT CTA, QUENTIN SHIPLEY-MELLON AT QSHIPLEY-MELLON@TRANSITCHICAGO.COM OR (312)-681-4119 MINIMUM OF TWO(2) WEEKS PRIOR TO ANY BUS SERVICE IMPACTS.

**COMMITMENTS**

- NO COMMITMENTS AT THIS TIME.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ N <sub>des</sub>	QMP
<b>PAVEMENT WIDENING</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1.75")	3.5% @ 80 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, 7 3/4" (HMA BINDER IL-19.0)	4% @ 90 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4" (HMA BINDER IL-19.0)	4% @ 90 GYR.	QC/QA
<b>PAVEMENT RESURFACING</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1.75")	3.5% @ 80 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, 7 3/4" (HMA BINDER IL-19.0)	4% @ 90 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4" (HMA BINDER IL-19.0)	4% @ 90 GYR.	QC/QA
<b>PAVEMENT PATCHING</b>		
CLASS D PATCH (HMA BINDER IL-19.0) (10" / 12" / 14")	4% @ 70 GYR.	QC/QA
<b>TEMPORARY PAVEMENT (VARIABLE DEPTH)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 VAR. DEPTH)	4% @ 70 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

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

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.

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

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

LOCATION	FOR INFORMATION ONLY			
	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (EXC. x 0.85)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE(+) AND SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
FORD CITY DRIVE				
STA. 407+09.44 TO STA. 414+50.00	1511	1284	29	+1255
STA. 414+50.00 TO STA. 416+50.00				
STA. 416+50.00 TO STA. 421+50.00	1949	1657	4337	-2680
PULASKI ROAD				
STA. 210+95.07 TO STA. 219+63.09	4159	3535	206	+3329
TOTAL	7619	6476	4572	+1904

EARTH EXCAVATION SHRINKAGE FACTOR = 15%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STANDARDS AND GENERAL NOTES  
PULASKI ROAD AT FORD CITY DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	2
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: I:\projects\DOT\_0-18793\_PTB\_189-010\_V08793\_02\_Pulaski\_Road\CADD\CAD\_Sheets\18793\_PTB\_189-010\_V08793\_02\_sht-genetes0.dgn

design firm  
no. 184001036  
**whks**  
engineers + planners + land surveyors

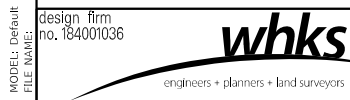
USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - CWC	REVISED
PLOT SCALE = 100.0.0000 'in / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED





CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	16	16					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	50	50					
20200100	EARTH EXCAVATION	CU YD	7619	7619					
20800150	TRENCH BACKFILL	CU YD	3.9	3.9					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	99	99					
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1164	1164					
* 25000210	SEEDING, CLASS 2A	ACRE	3.9	3.9					
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	351	351					
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	351	351					
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	351	351					
25000750	MOWING	ACRE	14.4	14.4					
* 25100125	MULCH, METHOD 3	ACRE	3.9	3.9					
* 25100630	EROSION CONTROL BLANKET	SQ YD	1677	1677					
* 25200110	SODDING, SALT TOLERANT	SQ YD	1677	1677					

**\* SPECIALTY ITEM**



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - CWC	REVISED
PLOT SCALE = 100:0.0000 '"/>		
PLOT DATE = 2/6/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50' SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	4
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
25200200	SUPPLEMENTAL WATERING	UNIT	101	101					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1182	1182					
28000305	TEMPORARY DITCH CHECKS	FOOT	300	300					
28000400	PERIMETER EROSION BARRIER	FOOT	2093	2093					
28000510	INLET FILTERS	EACH	28	28					
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1677	1677					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	989	989					
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	475						475
35501315	HOT-MIX ASPHALT BASE COURSE, 7 3/4"	SQ YD	392	392					
35600707	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4"	SQ YD	114	114					
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20	20					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8081	8081					
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	516	516					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	1201	1201					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	66	66					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4279						4279
42400800	DETECTABLE WARNINGS	SQ FT	34						34
44000100	PAVEMENT REMOVAL	SQ YD	6828	6828					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	11295	11295					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	137	137					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3794	3794					
44000600	SIDEWALK REMOVAL	SQ FT	757						757
44003100	MEDIAN REMOVAL	SQ FT	8277	8277					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	220	220					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	220	220					
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	220	220					
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	220	220					
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	220	220					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	220	220					
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	165	165					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	56	56					
55100300	STORM SEWER REMOVAL 8"	FOOT	48	48					
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	818	818					
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1					
60208105	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	EACH	6	6					
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1					
60236900	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	EACH	2	2					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2					
60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	2	2					
60258800	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	1	1					
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6	6					



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
60406530	FRAMES AND LIDS, CLOSED LID (CITY OF CHICAGO)	EACH	2	2					
60500040	REMOVING MANHOLES	EACH	6	6					
60500050	REMOVING CATCH BASINS	EACH	3	3					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2413	2413					
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	3166	3166					
63200310	GUARDRAIL REMOVAL	FOOT	860	860					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3925	3925					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9					
67100100	MOBILIZATION	L SUM	1	1					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	360	360					

\* SPECIALTY ITEM

MODEL Default FILE NAME

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	450	450					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1370	1370					
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	73	73					
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	5257	5257					
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	375	375					
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	42	42					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	100	100					
* 72000100	SIGN PANEL - TYPE 1	SQ FT	12	12					
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	10	10					
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	12	12					
* 72900100	METAL POST - TYPE A	FOOT	30	30					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	110	110					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2949	2949					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	381	381					

**\* SPECIALTY ITEM**

MODEL: Default  
FILE: 184001036

design firm  
no. 184001036  
**whks**  
engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - CWC	REVISED
PLOT SCALE = 100:0.0000 "*" / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/6/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**SUMMARY OF QUANTITIES  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50' SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	9
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK	
				0005	0010	0021	0021	0021	
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	708	708					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	70	70					
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	601			601			
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	709			709			
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8			8			
* 87900200	DRILL EXISTING HANDHOLE	EACH	2			2			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	229				229		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	1			1			
* A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	20	20					
* A2005512	TREE, NYSSA SYLVATICA (BLACK TUPELO), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11					
* A2005816	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED	EACH	11	11					
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8					
* B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7	7					
X0323360	WOODEN POLE REMOVAL	EACH	1	1					

\* SPECIALTY ITEM

MODEL Default FILE NAME design firm no. 184001036  engineers + planners + land surveyors	USER NAME = gjameson	DESIGNED - RKA	REVISED	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b> <b>PULASKI ROAD AT FORD CITY DRIVE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - CWC	REVISED			368	1919-N(16)	COOK	110	10
	PLOT SCALE = 100x0.0000 "*" / in.	DRAWN - GSJ	REVISED			CONTRACT NO. 62D42				
	PLOT DATE = 2/6/2020	CHECKED - RKA	REVISED			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 50'	SHEET 7 OF 10 SHEETS		STA.	TO STA.	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK
				0005	0010	0021	0021	0021
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	681			681		
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2016	2016				
X1200159	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	7	7				
X1400398	REMOVE LUMINAIRE COMPLETE	EACH	8			8		
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.9	0.9				
X5011100	FOUNDATION REMOVAL	EACH	2				2	
* X6026634	METER VAULTS TO BE ADJUSTED	EACH	5	5				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	13	13				
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	123	123				
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
* X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	56			56		
* X8860400	DETECTOR LOOP, SPECIAL	FOOT	351				351	
* X8950301	REMOVE EXISTING TRAFFIC SIGNAL POST	EACH	2				2	
* X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	6				6	

\* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE HIGHWAY LIGHTING	80% FED 20% STATE TRAFFIC SIGNALS	80% FED 20% LOCAL SIDEWALK
				0005	0010	0021	0021	0021
				URBAN	S.N. 016-0750	URBAN	URBAN	URBAN
* X8950307	REMOVE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	4				4	
* X8951011	REMOVE AERIAL CABLE	FOOT	748			748		
* X1400422	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	1			1		
* X1700104	HANDHOLE SPECIAL 24" X 24"	EACH	2			2		
* X1400423	REMOVE EXISTING PEDESTRIAN PUSH BUTTON	EACH	1				1	
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1	1				
Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	1			1		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0016702	DETOUR SIGNING	L SUM	1	1				
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	11	11				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52				
* Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1			1		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	5475	5475				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	130	130				

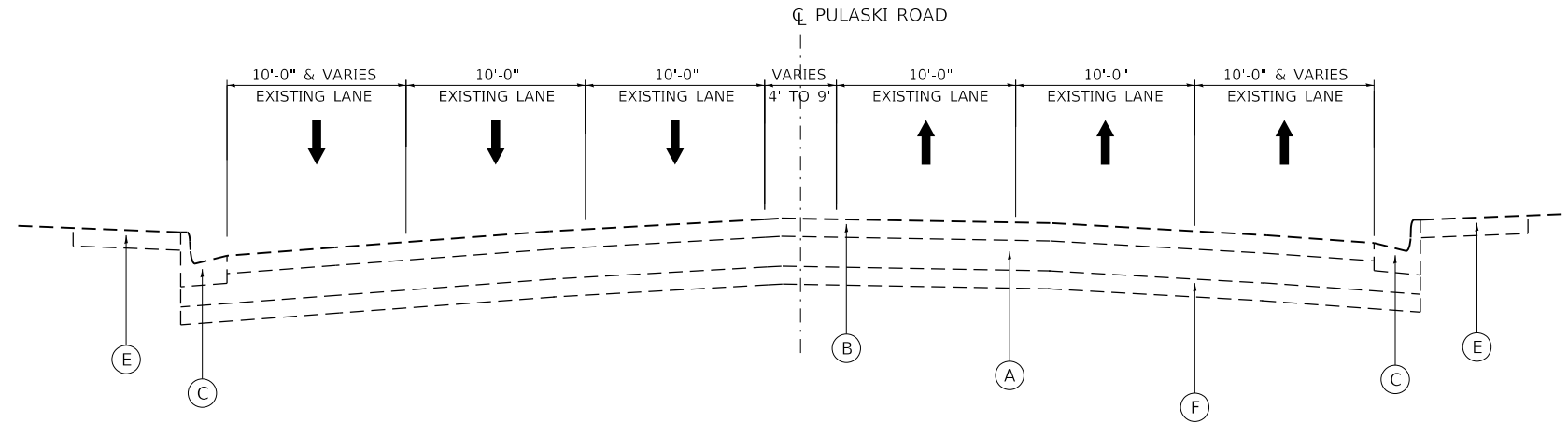
\* SPECIALTY ITEM



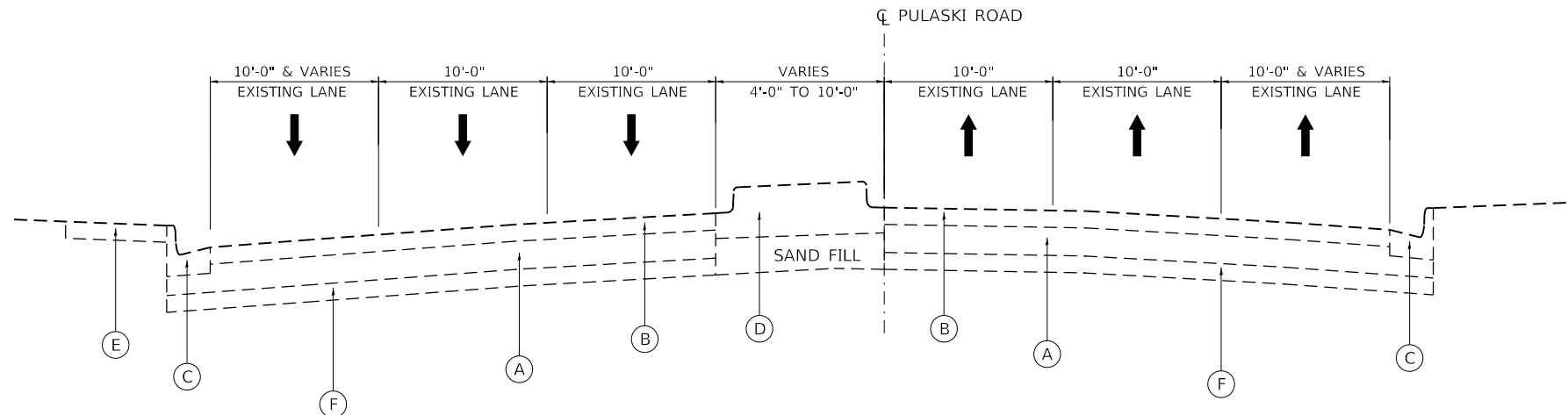


**EXISTING LEGEND**

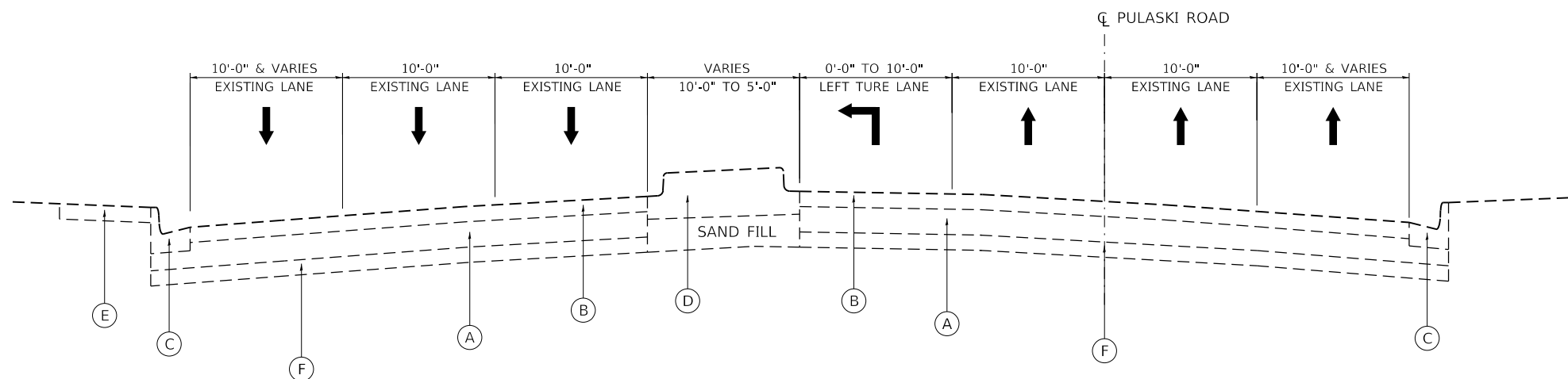
- (A) EXISTING P.C.C. BASE 10"
- (B) EXISTING BITUMINOUS SURFACE 6"
- (C) EXISTING COMB C&G TYPE B6-12
- (D) EXISTING SOLID BARRIER CONCRETE MEDIAN
- (E) EXISTING P.C.C. SIDEWALK
- (F) EXISTING SUB BASE



**EXISTING TYPICAL SECTION**  
(LOOKING NORTH)  
STA. 210+95.07 TO STA. 213.69.00



**EXISTING TYPICAL SECTION**  
(LOOKING NORTH)  
STA. 213+69.00 TO STA. 216+06.00



**EXISTING TYPICAL SECTION**  
(LOOKING NORTH)  
STA. 213+69.00 TO STA. 219+36.53

MODEL: Default; FILE NAME: \\ps01\dot\DOT\_D-118793\_PTB\_189-010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\162D12-struct\typical.s.dgn

design firm  
no. 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 10.0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSJ	REVISED
	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

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

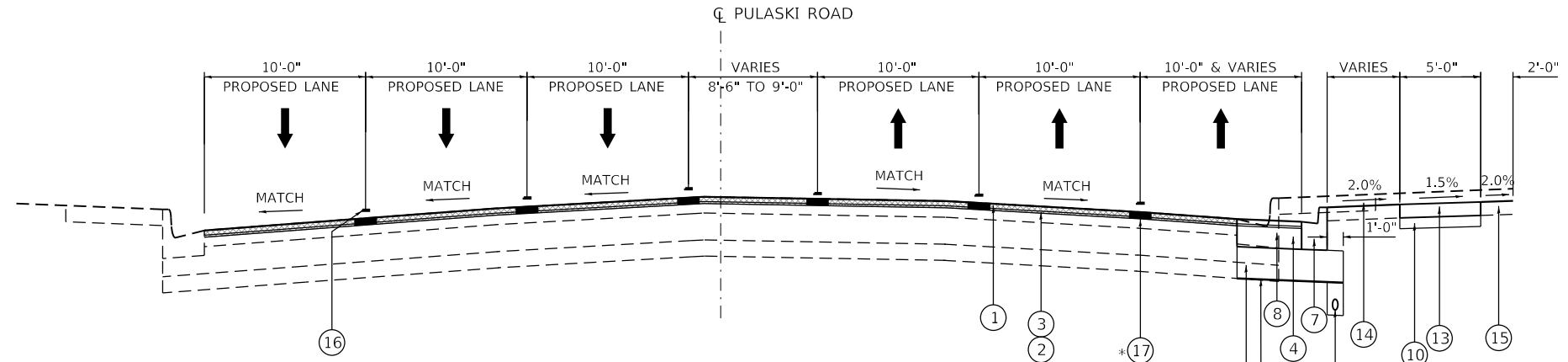
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	14
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2½"
- ② POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1¾")
- ③ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (¾ ")
- ④ HOT-MIX ASPHALT BASE COURSE WIDENING, 7¾"
- ⑤ HOT-MIX ASPHALT BASE COURSE, 7¾"
- ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑧ COMBINATION CURB AND GUTTER REMOVAL
- ⑨ CONCRETE MEDIAN, TYPE SB-6.12
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ MEDIAN REMOVAL
- ⑫ PAVEMENT REMOVAL
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑭ SIDEWALK REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE, 6"
- ⑯ PAVEMENT MARKING - LINE 4"
- \*⑰ LONGITUDINAL JOINT SEALANT
- ⑱ PIPE UNDERDRAINS, TYPE 2, 4"
- \*\*⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

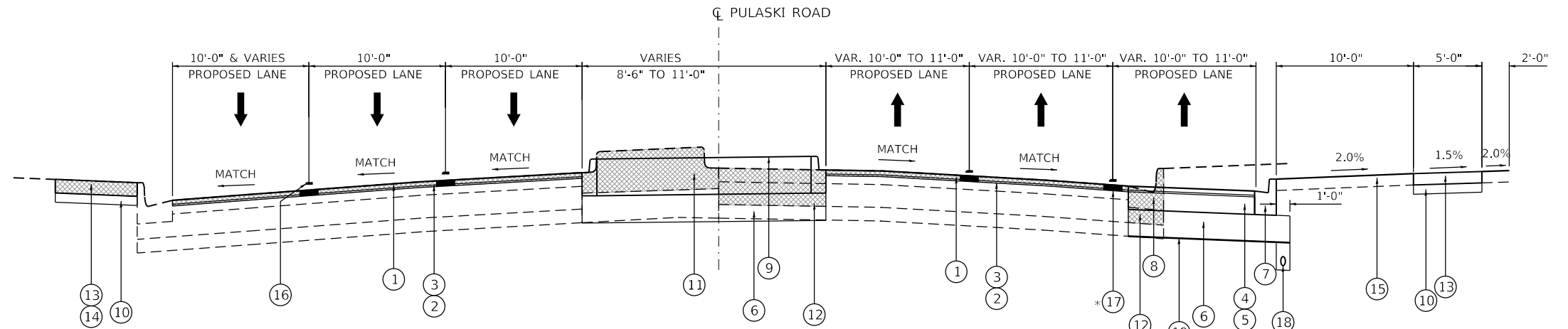
\* LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POYMERIZED HMA BINDER COURSE, IL-4.75, N50.

\*\* ESTIMATED QUANTITY OF 10% OF HMA BASE COURSE AND HMA BASE COURSE WIDENING.



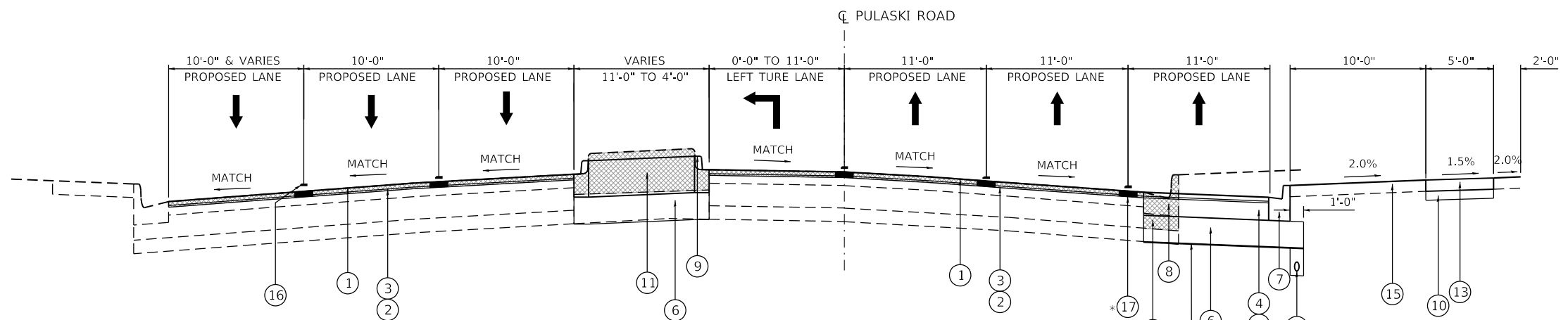
**PROPOSED TYPICAL SECTION**

(LOOKING NORTH)  
STA. 210+95.07 TO STA. 212+62.00



**PROPOSED TYPICAL SECTION**

(LOOKING NORTH)  
STA. 212+62.00 TO STA. 214+18.00



**PROPOSED TYPICAL SECTION**

(LOOKING NORTH)  
STA. 214+18.00 TO STA. 219+36.53

MODEL: D:\p\h\l\... FILE NAME: ...

design firm  
no. 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 10,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 5'

SHEET 1 OF 1 SHEETS STA. TO STA.

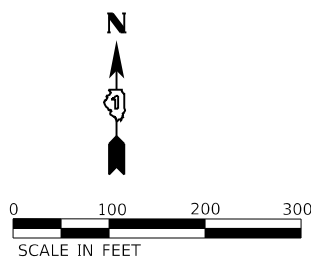
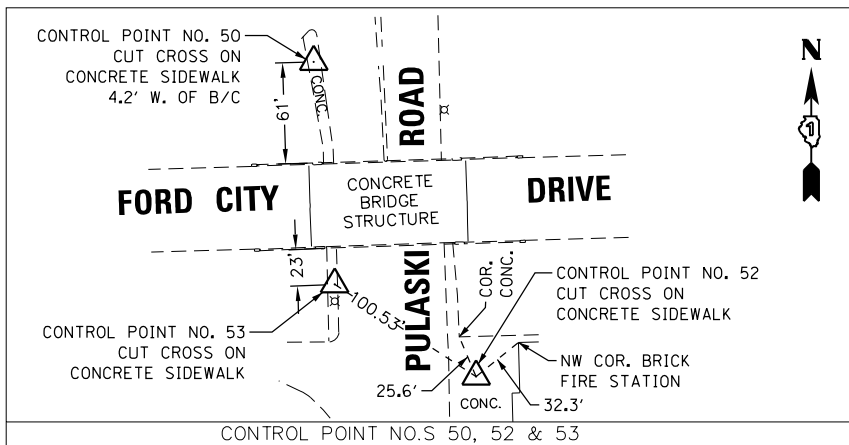
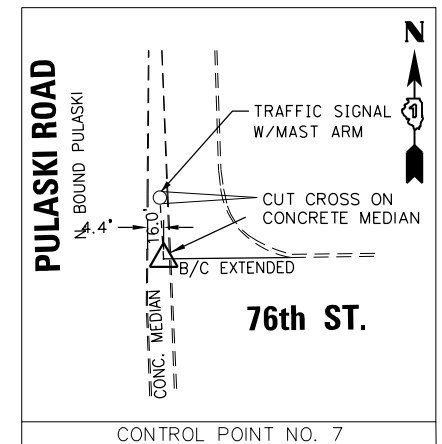
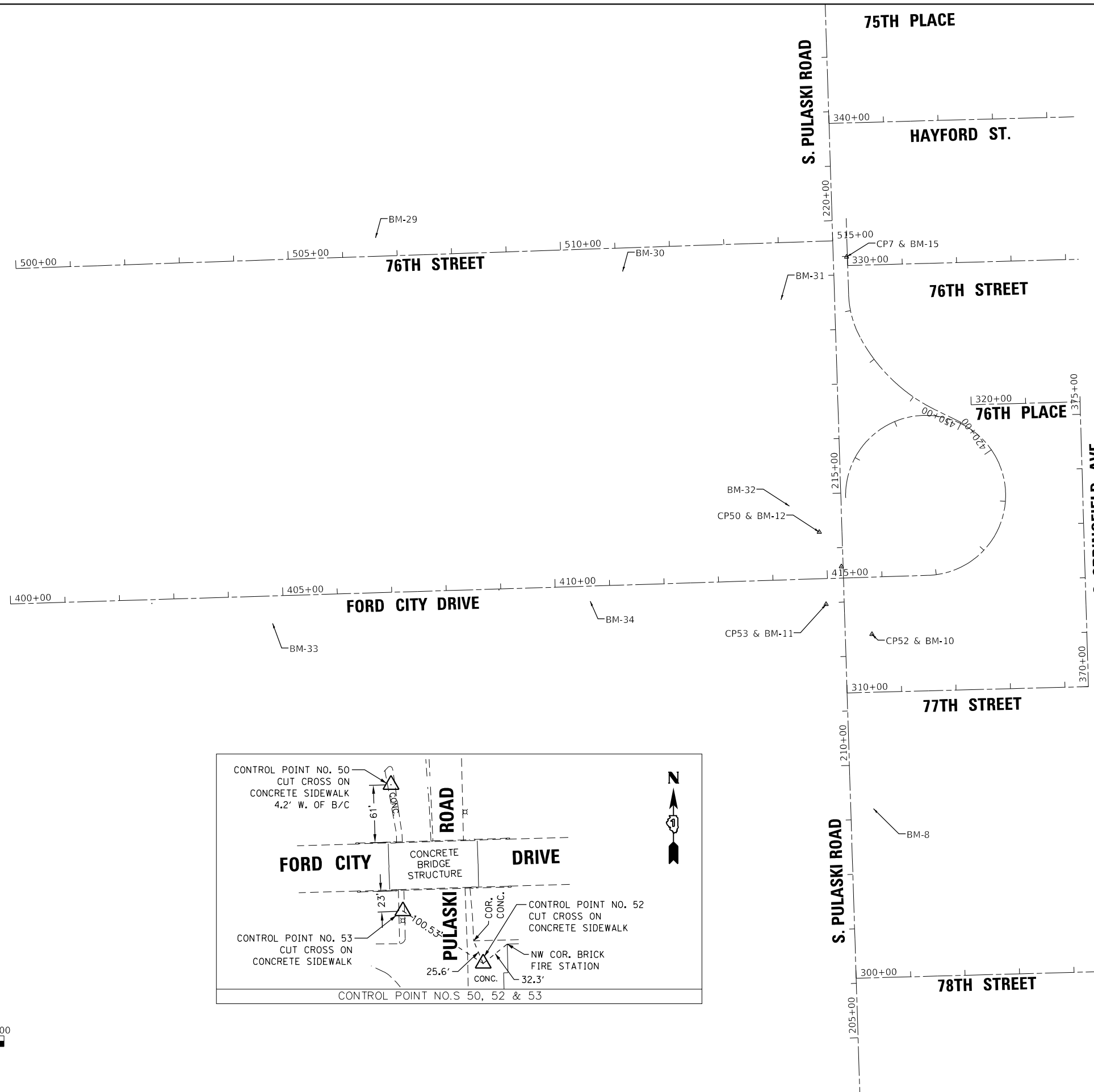
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	15
CONTRACT NO. 62D42				

ILLINOIS FED. AID PROJECT









PULASKI ROAD HORIZONTAL AND VERTICAL DATUM

COORDINATES PROVIDED HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83(2007). HORIZONTAL CONTROL POINTS ARE BASED ON NGS CORS STATIONS "CALU" AND "MWRD" AND ALSO NGS 1' ORDER GROUND MONUMENTS "MARQUETTE" AND "DURKIN". COORDINATE VALUES WERE DERIVED THRU STATIC GPS SESSIONS AND TRAVERSE. ELEVATIONS PROVIDED HEREON ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). VERTICAL CONTROL POINTS ARE BASED ON CITY OF CHICAGO STANDARD BENCHMARKS "437" AND "441". THE VERTICAL SHIFT FROM CITY OF CHICAGO DATUM TO NAVD88 IS 579.19 FEET. ALL ELEVATIONS WERE DERIVED THRU DIGITAL DIFFERENTIAL LEVELING.

HORIZONTAL-VERTICAL CONTROL POINTS

Point	Northing	Easting	Elevation	Description
7	1853902.8165	1151055.1256	619.212	found cross
50	1853397.7362	1151005.0161	618.584	cut cross
52	1853210.3423	1151101.7343	618.652	cut cross
53	1853265.2285	1151017.5045	618.307	cut cross

VERTICAL CONTROL POINTS

Source Benchmarks:  
 1: City of Chicago standard benchmark No. 437  
 (City of Chicago datum=38.892) (NAVD88 datum=618.082)  
 2: City of Chicago standard benchmark No. 441  
 (City of Chicago datum=37.834) (NAVD88 datum=617.024)

Beginning chain E\_PULASKI description

Point 59 N 1,851,904.16 E 1,151,094.17 Sta 199+34.00

Course from 59 to 60 N 1° 49' 15.55" W Dist 2,658.03

Point 60 N 1,854,560.85 E 1,151,009.71 Sta 225+92.03

Course from 60 to 61 N 1° 49' 15.55" W Dist 1,513.17

Point 61 N 1,856,073.25 E 1,150,961.63 Sta 241+05.20

Ending chain E\_PULASKI description

Beginning chain E\_FORDCTY\_DR description

Point A151 N 1,853,265.90 E 1,149,520.67 Sta 400+00.00

Course from A151 to A152 N 88° 14' 34.26" E Dist 950.00

Point A152 N 1,853,295.03 E 1,150,470.23 Sta 409+50.00

Course from A152 to PC FORD-1 N 88° 10' 25.49" E Dist 735.00

Curve Data  
 \*-----\*

Curve FORD-1  
 P.I. Station 418+31.81 N 1,853,313.78 E 1,151,058.12  
 Delta = 269° 59' 41.02" (LT)  
 Degree = 39° 01' 47.36"  
 Tangent = 146.81  
 Length = 691.77  
 Radius = 146.80  
 External = 354.42  
 Long Chord = 207.62  
 Mid. Ord. = 250.60  
 P.C. Station 416+85.00 N 1,853,318.46 E 1,151,204.85  
 P.T. Station 423+76.77 N 1,853,460.52 E 1,151,053.45  
 C.C. N 1,853,465.18 E 1,151,200.18  
 Back = N 88° 10' 25.48" E  
 Ahead = S 1° 49' 15.54" E  
 Chord Bear = N 46° 49' 25.03" W

Ending chain E\_FORDCTY\_DR description

Site Benchmarks:

Benchmark-8: Elevation=619.245  
 Cut box on top of northeast corner of concrete light pole foundation on east side of Pulaski at address number 7717. (ON SITE)

Benchmark-10: Elevation=618.652  
 Cut cross on walk (Control Point No. 52) (ON SITE)

Benchmark-11: Elevation=618.307  
 Cut cross on walk (Control Point No. 53) (ON SITE)

Benchmark-12: Elevation=618.584  
 Cut cross on walk (Control Point No. 50) (ON SITE)

Benchmark-15: Elevation=619.212  
 Cut cross on median (Control Point No. 7) (ON SITE)

Benchmark-29: Elevation=618.649  
 Cut box on top of northerly side of concrete foundation for a light pole on the north side of 76th street approximately 326' west of the Dailey College pedestrian bridge. (ON SITE)

Benchmark-30: Elevation=621.528  
 Cut box on top of northerly side of concrete foundation for a light pole on the south side of 76th street on the east side of a parking lot entrance east of the Dailey College pedestrian bridge. (ON SITE)

Benchmark-31: Elevation=619.371  
 Cut cross on the top most southwesterly foundation bolt for high tension power pole at the southwest quadrant of 76th street and Pulaski. (ON SITE)

Benchmark-32: Elevation=619.519  
 Cut cross on the top most easterly foundation bolt for high tension power pole at the northwest quadrant of Ford City Highway bridge and Pulaski. (ON SITE)

Benchmark-33: Elevation=619.719  
 Cut cross on the top most northerly foundation bolt for high tension power pole being the first pole on the south side of Ford City Highway west of Pulaski. (ON SITE)

Benchmark-34: Elevation=618.466  
 Cut box on top of curb at the most westerly point of curb nose between east bound Ford City Highway ramp to Pulaski and east bound Ford City Highway bridge over Pulaski. (ON SITE)

MODEL: Default  
 FILE: 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - CWC	REVISED
PLOT SCALE = 200.00' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

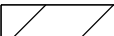
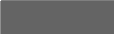

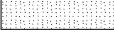
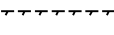
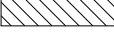


**ALIGNMENT, TIES AND BENCHMARKS  
 PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 100' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

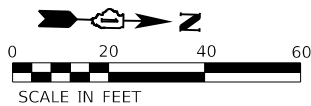
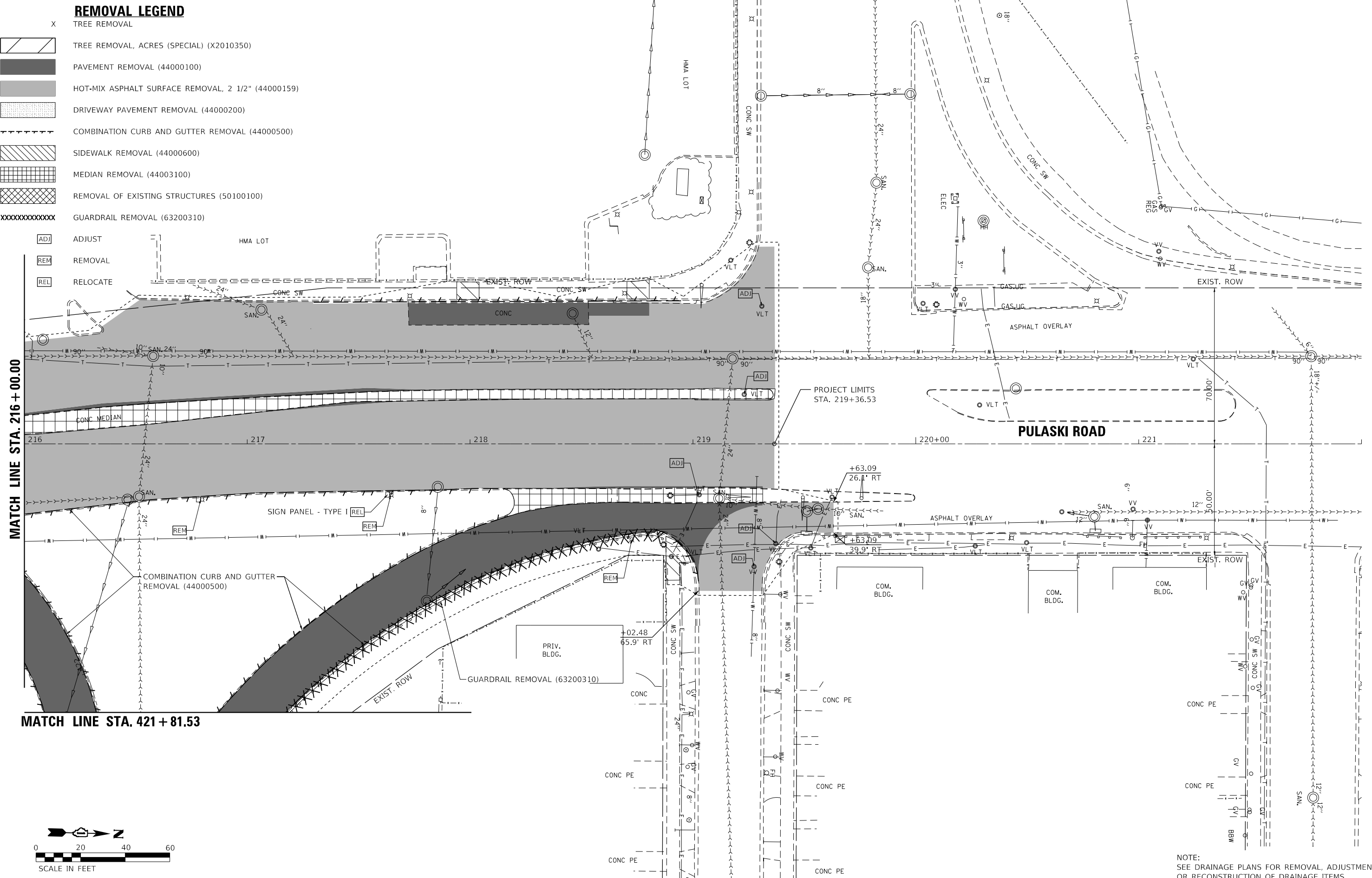
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	19
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- X TREE REMOVAL
-  TREE REMOVAL, ACRES (SPECIAL) (X2010350)
-  PAVEMENT REMOVAL (44000100)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
-  DRIVEWAY PAVEMENT REMOVAL (44000200)
-  COMBINATION CURB AND GUTTER REMOVAL (44000500)
-  SIDEWALK REMOVAL (44000600)
-  MEDIAN REMOVAL (44003100)
-  REMOVAL OF EXISTING STRUCTURES (50100100)
- XXXXXXXXXXXXX GUARDRAIL REMOVAL (63200310)

- [ADJ] ADJUST
- [REM] REMOVAL
- [REL] RELOCATE



NOTE:  
SEE DRAINAGE PLANS FOR REMOVAL, ADJUSTMENT,  
OR RECONSTRUCTION OF DRAINAGE ITEMS.

MODEL: D:\p1\1\184001036\184001036.dwg  
 FILE NAME: 184001036.dwg  
 PLOT DATE: 2/5/2020  
 PLOT SCALE: 40.0000' / in.  
 USER NAME: gjameson  
 DESIGNED: RKA  
 CHECKED: SDS  
 DRAWN: GSJ  
 CHECKED: RKA  
 REVISIONS:

design firm  
no. 184001036



engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISIONS
PLOT SCALE = 40.0000' / in.	CHECKED - SDS	REVISIONS
PLOT DATE = 2/5/2020	DRAWN - GSJ	REVISIONS
	CHECKED - RKA	REVISIONS

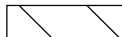


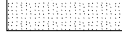
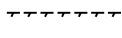
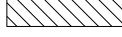





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

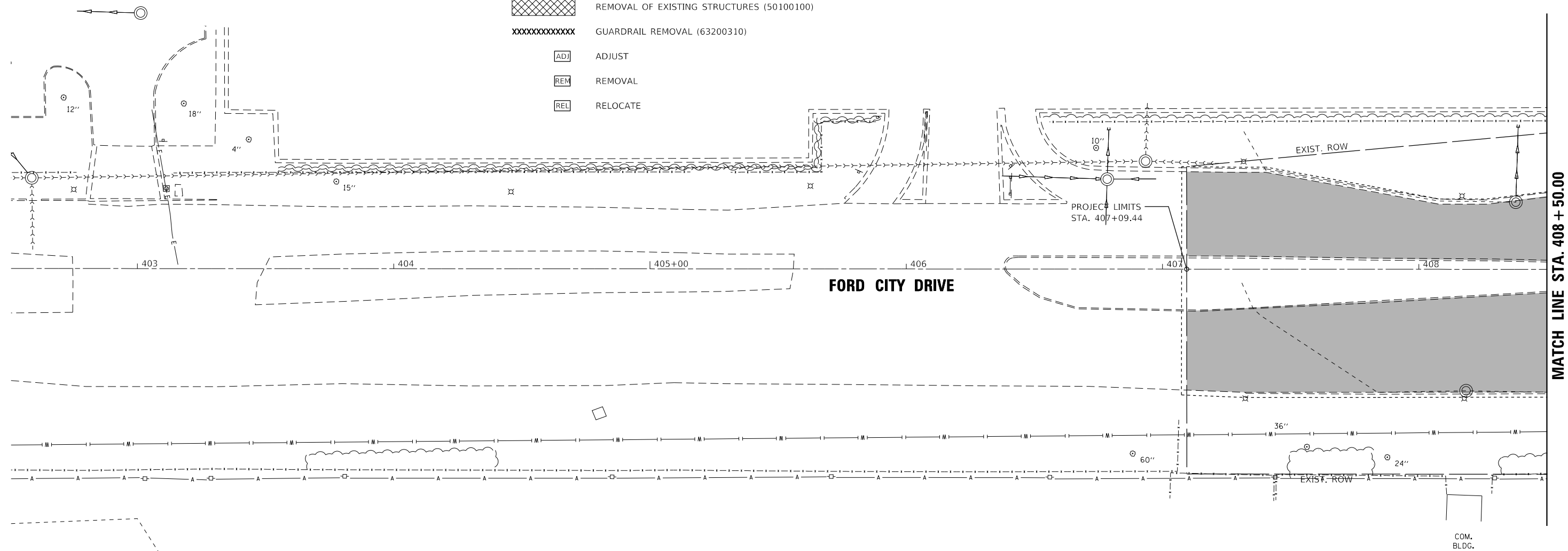
**REMOVAL PLAN - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 216+00.00 TO STA. 219+36.53

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	21
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

**REMOVAL LEGEND**

- X TREE REMOVAL
-  TREE REMOVAL, ACRES (SPECIAL) (X2010350)
-  PAVEMENT REMOVAL (44000100)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
-  DRIVEWAY PAVEMENT REMOVAL (44000200)
-  COMBINATION CURB AND GUTTER REMOVAL (44000500)
-  SIDEWALK REMOVAL (44000600)
-  MEDIAN REMOVAL (44003100)
-  REMOVAL OF EXISTING STRUCTURES (50100100)
- XXXXXXXXXXXXX GUARDRAIL REMOVAL (63200310)
-  ADJUST
-  REMOVAL
-  RELOCATE



NOTE:  
SEE DRAINAGE PLANS FOR REMOVAL, ADJUSTMENT,  
OR RECONSTRUCTION OF DRAINAGE ITEMS.

MODEL: D:\p\h\l\design\_firm\184001036\184001036.dwg  
FILE NAME: C:\Users\jameson\Documents\184001036\184001036.dwg  
MODEL: D:\p\h\l\design\_firm\184001036\184001036.dwg  
FILE NAME: C:\Users\jameson\Documents\184001036\184001036.dwg

design firm  
no. 184001036



engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000 ' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




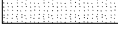
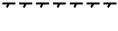
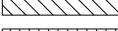
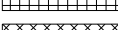




**REMOVAL PLAN - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

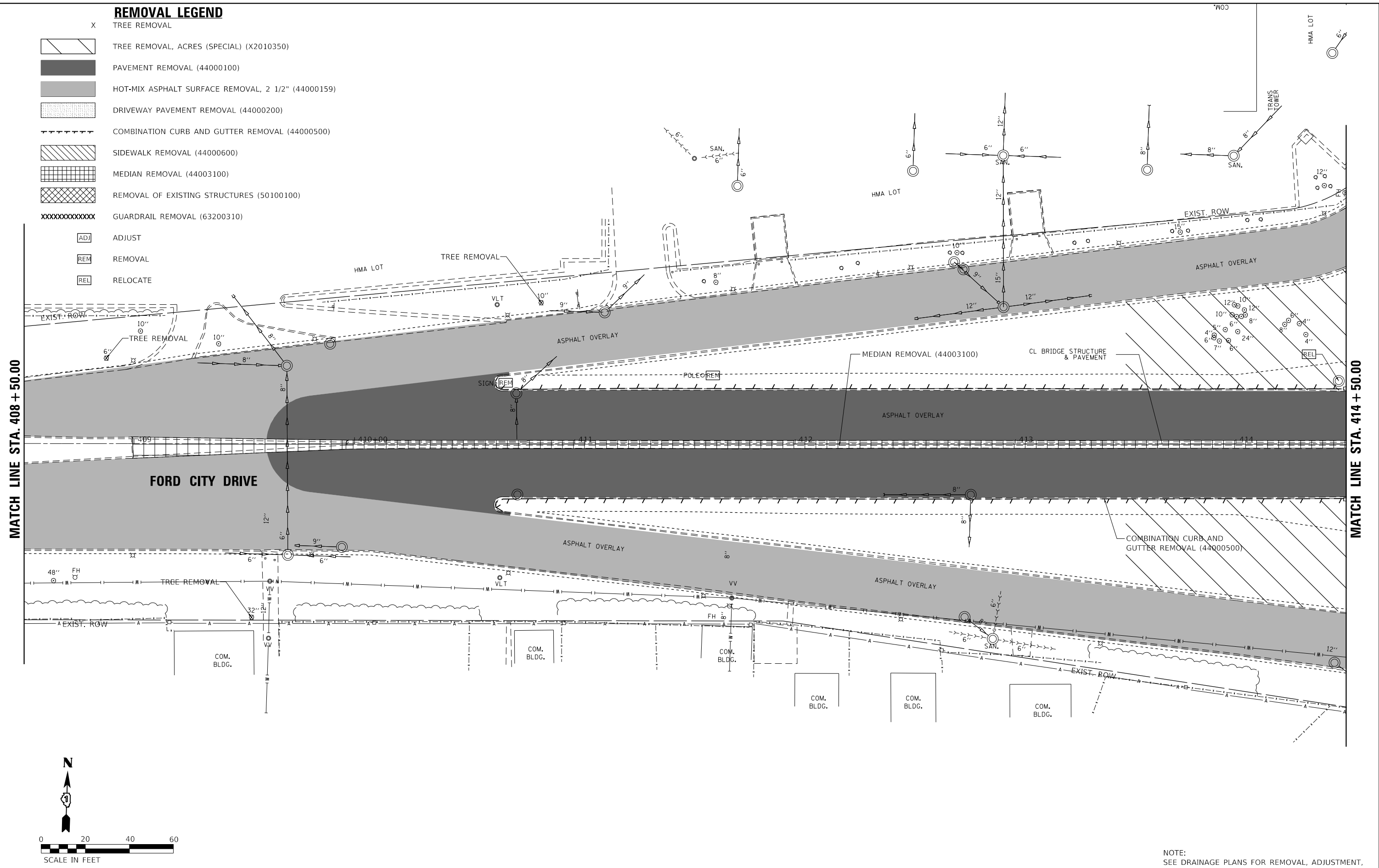
SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 407+09.44 TO STA. 408+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	22
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- X TREE REMOVAL
-  TREE REMOVAL, ACRES (SPECIAL) (X2010350)
-  PAVEMENT REMOVAL (44000100)
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
-  DRIVEWAY PAVEMENT REMOVAL (44000200)
-  COMBINATION CURB AND GUTTER REMOVAL (44000500)
-  SIDEWALK REMOVAL (44000600)
-  MEDIAN REMOVAL (44003100)
-  REMOVAL OF EXISTING STRUCTURES (50100100)
- XXXXXXXXXXXXX GUARDRAIL REMOVAL (63200310)
-  ADJUST
-  REMOVAL
-  RELOCATE



NOTE:  
SEE DRAINAGE PLANS FOR REMOVAL, ADJUSTMENT,  
OR RECONSTRUCTION OF DRAINAGE ITEMS.

MODEL: Default  
 FILE NAME: \\sbs\id\DOT\_D-18793\_PTB\_189-010\_VV18793\_02\_Pulaski\_Road\CADD\CAD\_Sheets\18793-02-structremovalford02.dgn

design firm  
no. 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

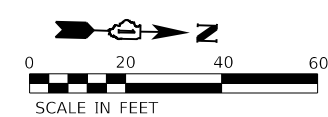
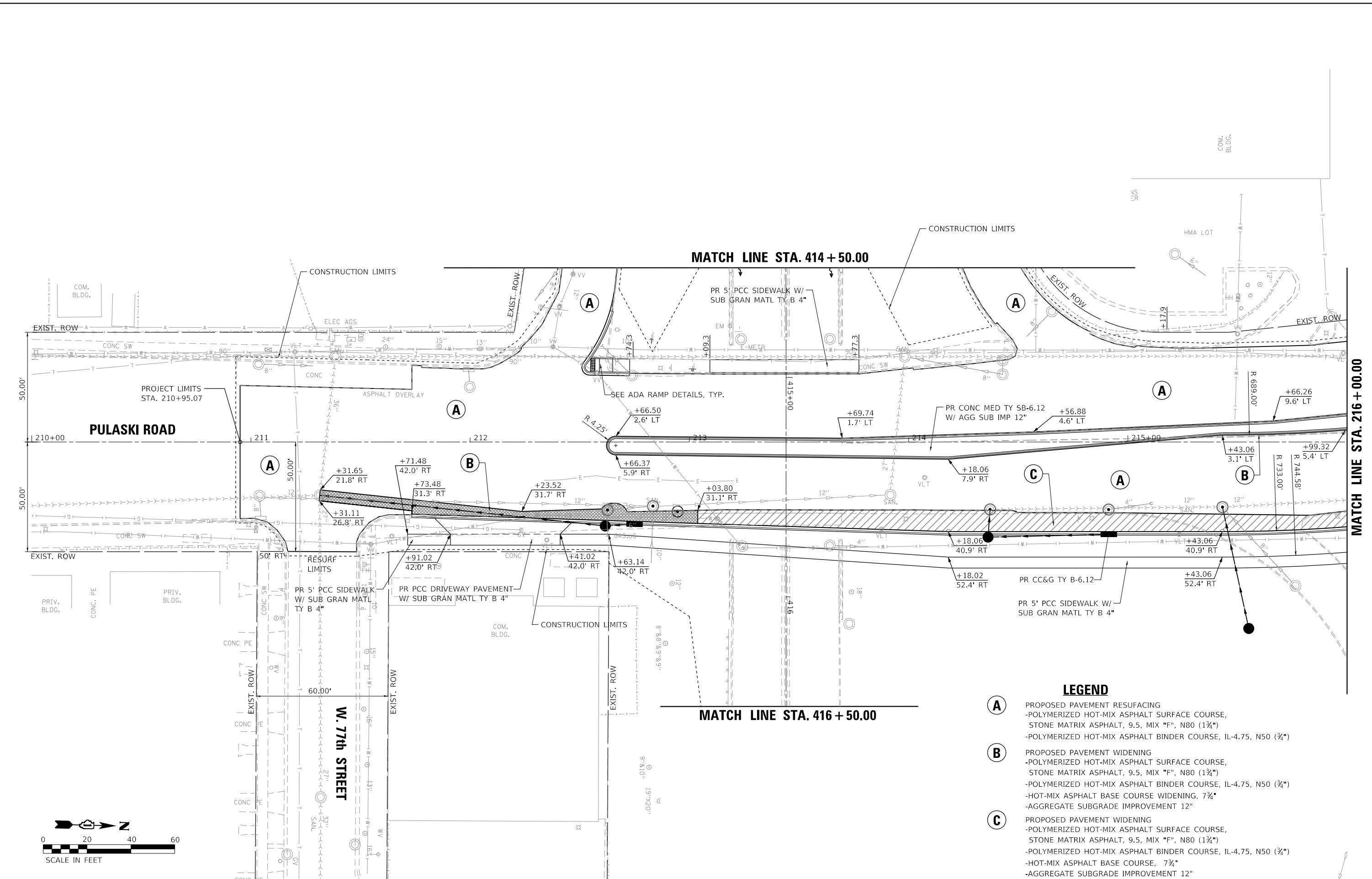
**REMOVAL PLAN - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 408+50.00 TO STA. 414+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	23
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE NAME: C:\projects\DOT\_184001036\184001036\_Pulaski\_Road\CADD\CAD\_Sheets\184001036\_Pulaski\_Road\_Plan\_Pulaski\_20.dgn



- LEGEND**
- (A)** PROPOSED PAVEMENT RESURFACING  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
  - (B)** PROPOSED PAVEMENT WIDENING  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")  
 -HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4"  
 -AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (C)** PROPOSED PAVEMENT WIDENING  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")  
 -HOT-MIX ASPHALT BASE COURSE, 7 3/4"  
 -AGGREGATE SUBGRADE IMPROVEMENT 12"

design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

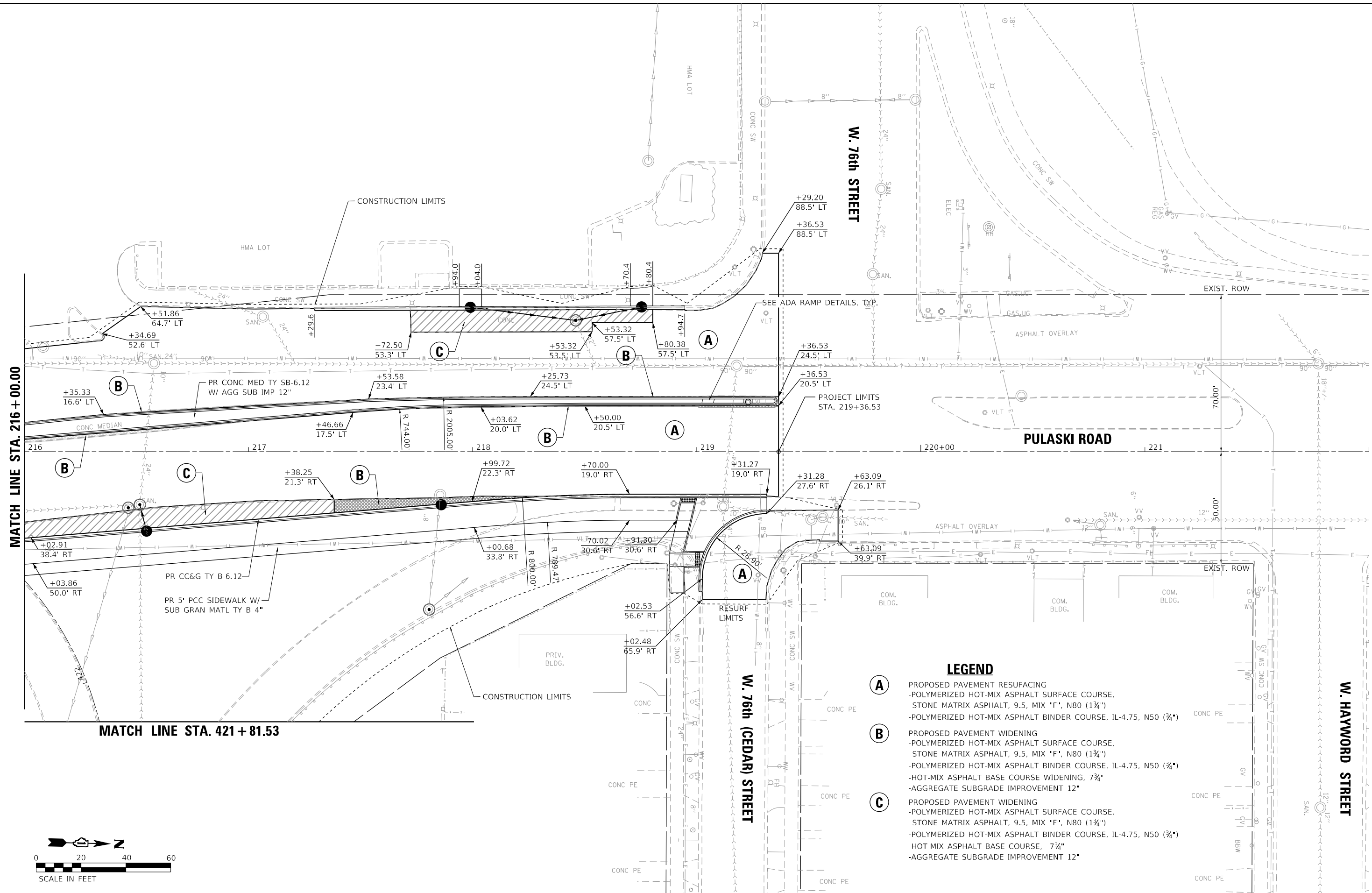
USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20'    SHEET 1 OF 2 SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	25
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

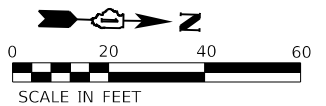


MATCH LINE STA. 216 + 00.00

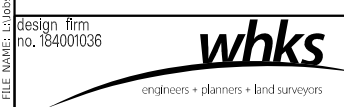
MATCH LINE STA. 421 + 81.53

**LEGEND**

- (A)** PROPOSED PAVEMENT RESURFACING
  - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")
  - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
- (B)** PROPOSED PAVEMENT WIDENING
  - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")
  - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
  - HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4"
  - AGGREGATE SUBGRADE IMPROVEMENT 12"
- (C)** PROPOSED PAVEMENT WIDENING
  - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")
  - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
  - HOT-MIX ASPHALT BASE COURSE, 7 3/4"
  - AGGREGATE SUBGRADE IMPROVEMENT 12"



MODEL: D:\p1\184001036\184001036.dwg FILE NAME: C:\Users\jameson\OneDrive\Documents\184001036\184001036.dwg



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISED
	CHECKED - RKA	REVISED

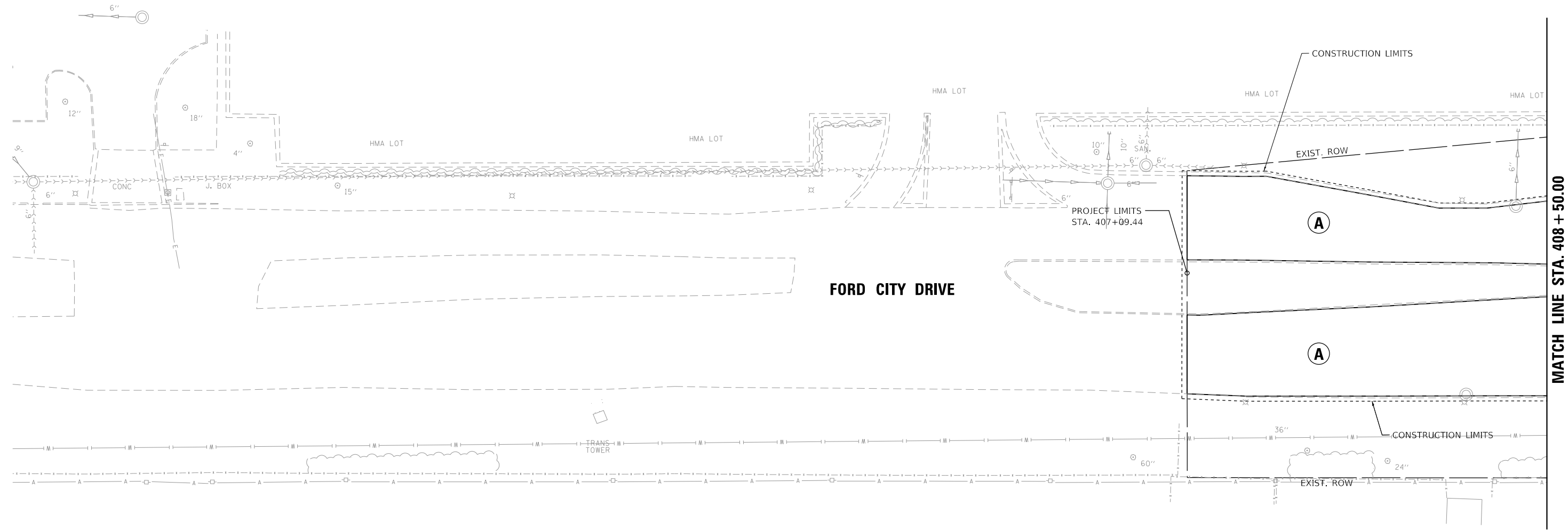
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

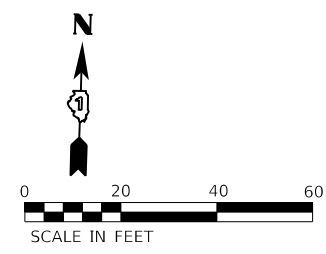
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	26
CONTRACT NO. 62D42				

ILLINOIS FED. AID PROJECT



**LEGEND**

- (A)** PROPOSED PAVEMENT RESURFACING  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
- (B)** PROPOSED PAVEMENT WIDENING  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")  
 -HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4"  
 -AGGREGATE SUBGRADE IMPROVEMENT 12"
- (C)** PROPOSED PAVEMENT WIDENING  
 -POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")  
 -HOT-MIX ASPHALT BASE COURSE, 7 3/4"  
 -AGGREGATE SUBGRADE IMPROVEMENT 12"



MODEL: Default  
 FILE NAME: C:\psd\DOT\_D-18793\_PTB\_189-010\_VV07291.02\_Pulaski\_Road\CADD\CAD\_Sheets\163D1P-shc-plan-ford36.dgn

design firm  
no. 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000 ' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

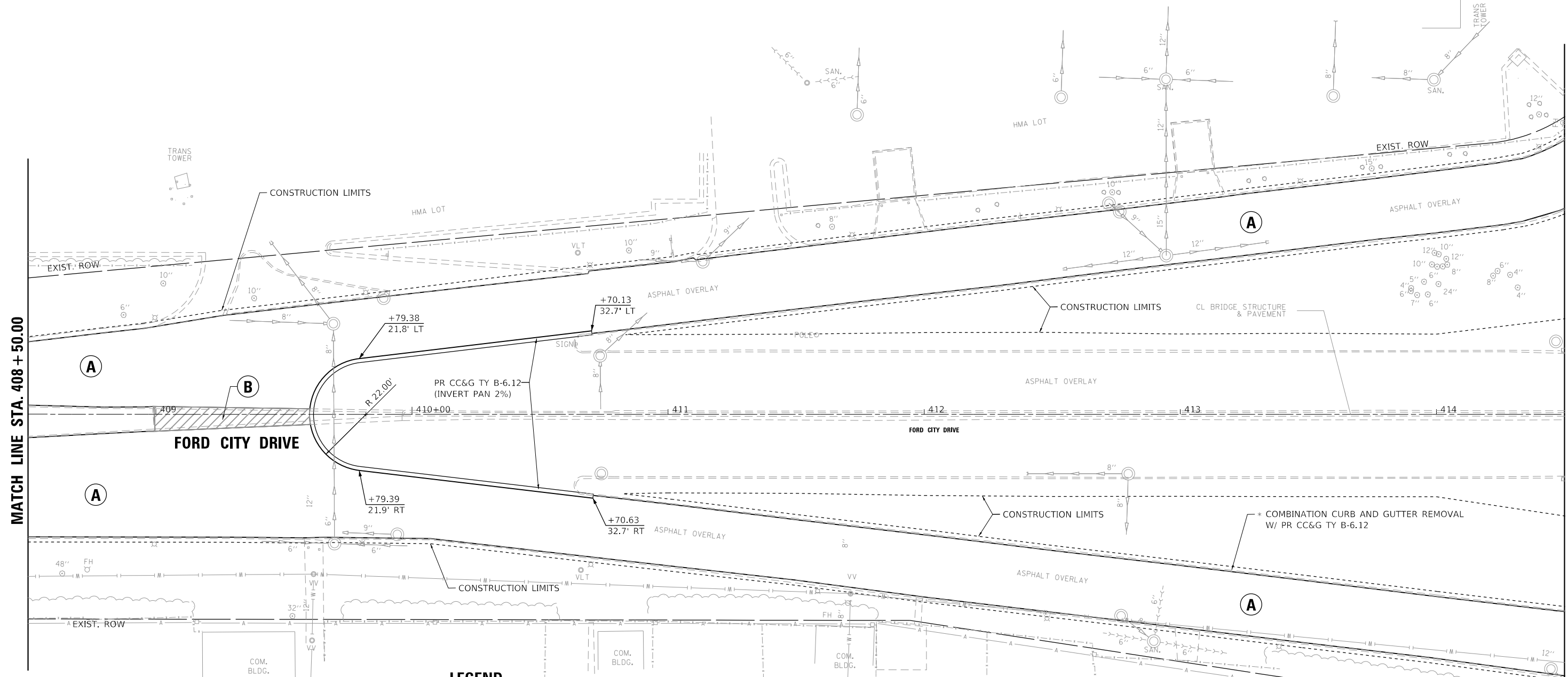
**ROADWAY PLAN - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	27
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

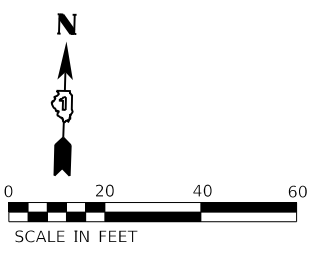
MATCH LINE STA. 408 + 50.00

MATCH LINE STA. 414 + 50.00

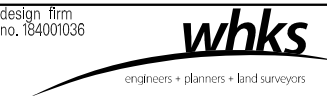


- LEGEND**
- (A)** PROPOSED PAVEMENT RESURFACING
    - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")
    - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
  - (B)** PROPOSED PAVEMENT WIDENING
    - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")
    - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
    - HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4"
    - AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (C)** PROPOSED PAVEMENT WIDENING
    - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 (1 3/4")
    - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")
    - HOT-MIX ASPHALT BASE COURSE, 7 3/4"
    - AGGREGATE SUBGRADE IMPROVEMENT 12"

\* ESTIMATED QUANTITY = 200 FT. LOCATION ON FORD CITY DRIVE TO BE DETERMINED BY ENGINEER



MODEL: Default  
 FILE NAME: C:\Users\jameson\OneDrive\Documents\Roadway\Roadway\CADD\CAD\_Sheets\163\163-D16-2-163-163-FordCityDrive.dwg  
 PLOT DATE: 2/5/2020



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSJ	REVISED
	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLAN - FORD CITY DRIVE PULASKI ROAD AT FORD CITY DRIVE</b>			
SCALE: 1" = 20'	SHEET 2	OF 2 SHEETS	STA. TO STA.

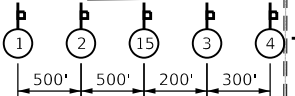
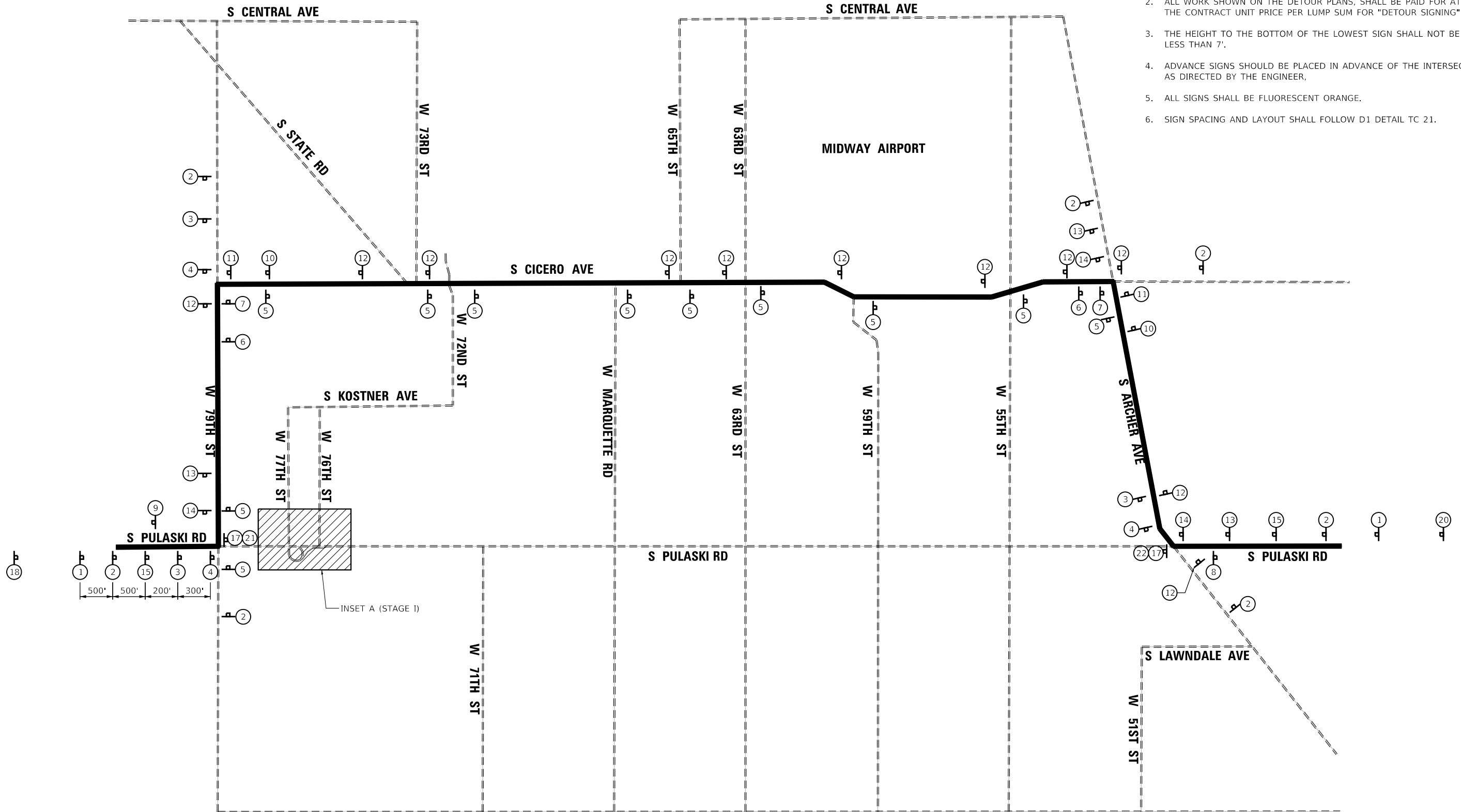
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	28
CONTRACT NO. 62D42				

ILLINOIS FED. AID PROJECT



GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS, POST, FLASHING LIGHTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. ALL WORK SHOWN ON THE DETOUR PLANS, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM FOR "DETOUR SIGNING".
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 7'.
4. ADVANCE SIGNS SHOULD BE PLACED IN ADVANCE OF THE INTERSECTIONS AS DIRECTED BY THE ENGINEER,
5. ALL SIGNS SHALL BE FLUORESCENT ORANGE.
6. SIGN SPACING AND LAYOUT SHALL FOLLOW D1 DETAIL TC 21.



**LEGEND**

- SIGN
- WORK AREA
- TYPE III BARRICADE

MODEL: Default  
 FILE NAME: C:\projects\DOT\_D-18793\_PTB\_189-010\_VV8793.02\_Pulaski\_Road\CADD\CAD\_Signed\182D12-2-18-2020-DETOUR\_PLA.dgn  
 design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 2000.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

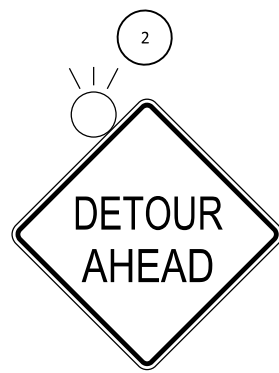
**MAINTENANCE OF TRAFFIC - DETOUR PLAN  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

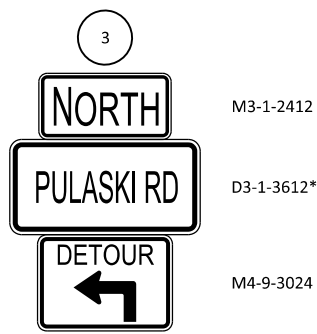
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	29
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



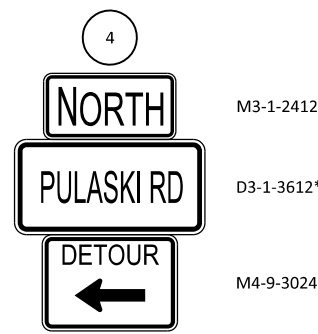
W20-3-4848



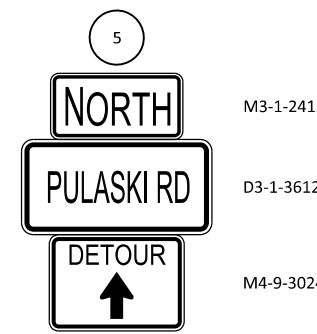
W20-2-4848



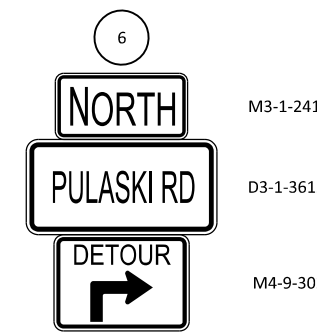
M3-1-2412  
D3-1-3612\*  
M4-9-3024



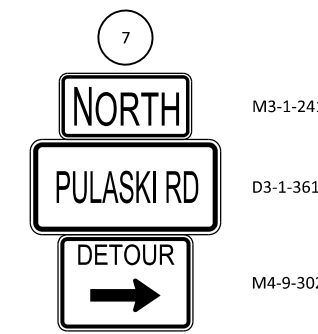
M3-1-2412  
D3-1-3612\*  
M4-9-3024



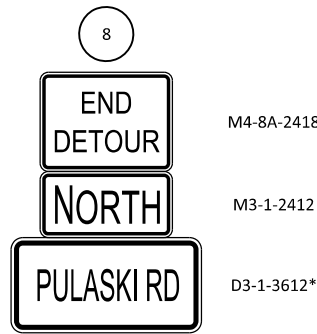
M3-1-2412  
D3-1-3612\*  
M4-9-3024



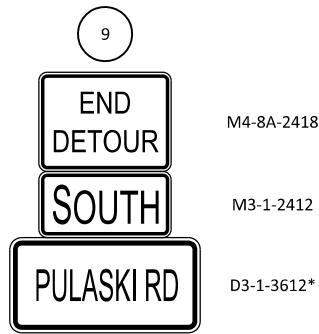
M3-1-2412  
D3-1-3612\*  
M4-9-3024



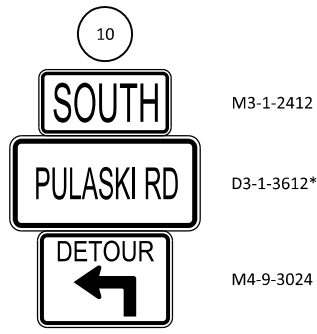
M3-1-2412  
D3-1-3612\*  
M4-9-3024



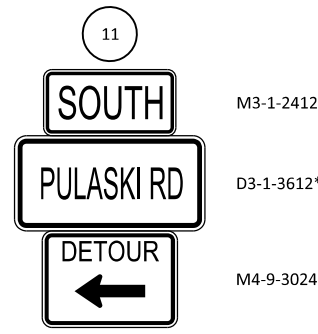
M4-8A-2418  
M3-1-2412  
D3-1-3612\*



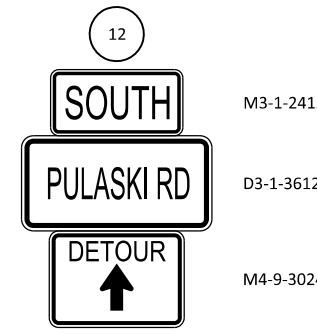
M4-8A-2418  
M3-1-2412  
D3-1-3612\*



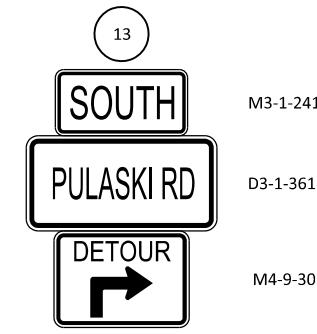
M3-1-2412  
D3-1-3612\*  
M4-9-3024



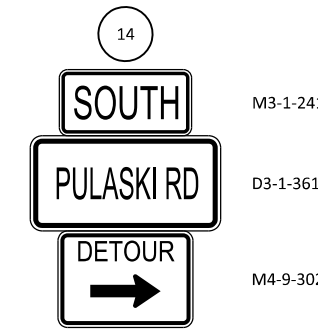
M3-1-2412  
D3-1-3612\*  
M4-9-3024



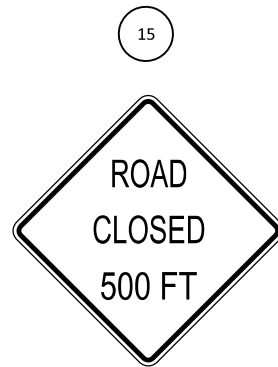
M3-1-2412  
D3-1-3612\*  
M4-9-3024



M3-1-2412  
D3-1-3612\*  
M4-9-3024



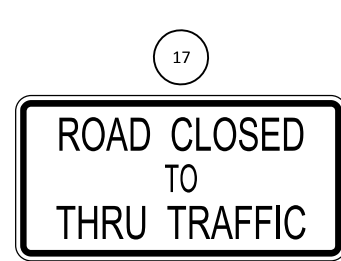
M3-1-2412  
D3-1-3612\*  
M4-9-3024



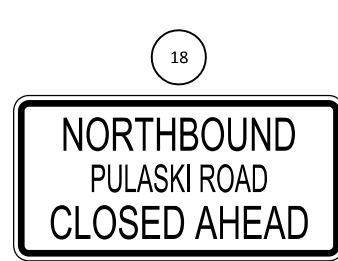
W20-3-4848



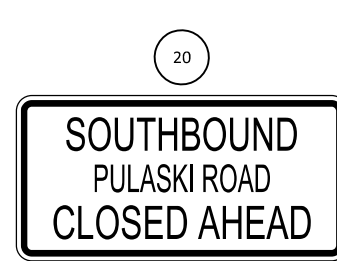
R11-2-4830



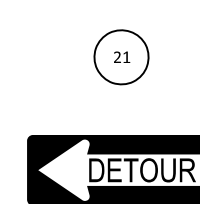
R11-4-6030



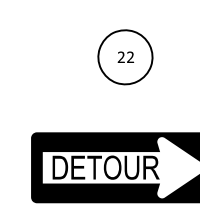
ORANGE BACKGROUND  
WITH BLACK  
6" LETTERING



ORANGE BACKGROUND  
WITH BLACK  
6" LETTERING



M4-10L



M4-10R

**NOTES:**

\* ORANGE REFLECTIVE BACKGROUND  
WITH MINIMUM 6" BLACK LETTERING

MODEL: Default  
FILE NAME: \\sbs\hddot D-118793\_PTB\_189-010\_VV07293\_PTB\_189-010\_VV07293\_02\_Pulaski\_Road\CADD\CAD\_Sheets\162-DTP-STR-MOT-DETOUR\_PLA.dgn

design firm  
no. 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 2000.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - DETOUR PLAN  
PULASKI ROAD AT FORD CITY DRIVE

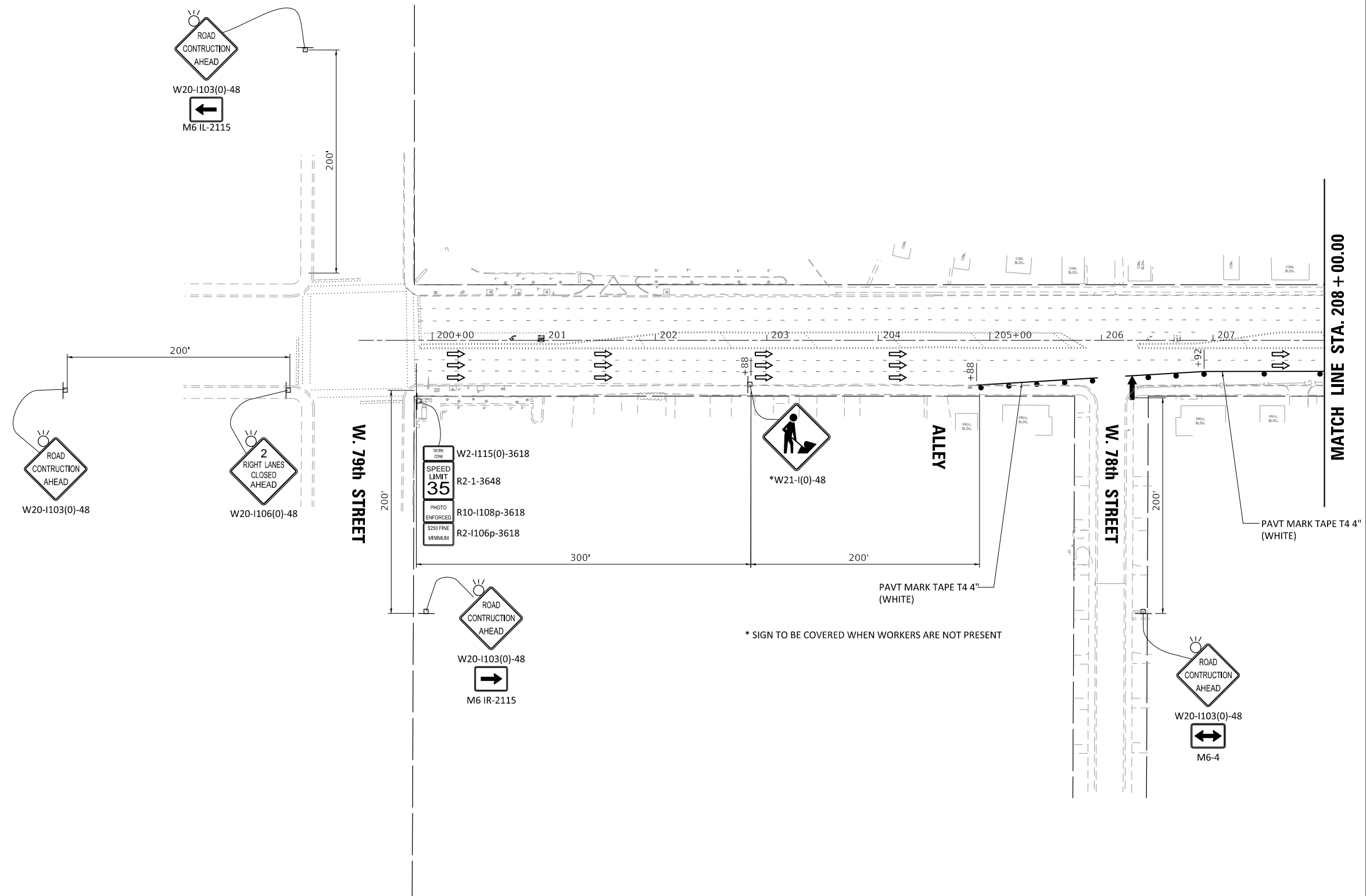
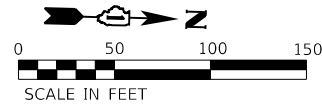
SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	30
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				





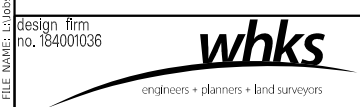




**SYMBOLS**

- ARROW BOARD
- WORK AREA
- SIGN
- TYPE III BARRICADE W/ LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE @ 50FT CENTERS ALONG ROADWAY (TANGENT) AND 20FT CENTERS ALONG TAPERS
- DIRECTION OF TRAFFIC

MODEL: Default design firm no. 184001036  
 FILE NAME: \\spsiddot D:\18793\_PTB\_1894010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\184001036\_Pulaski\_Road\184001036.dgn



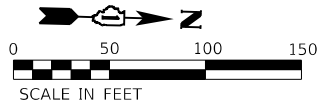
USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE II  
PULASKI ROAD AT FORD CITY DRIVE**

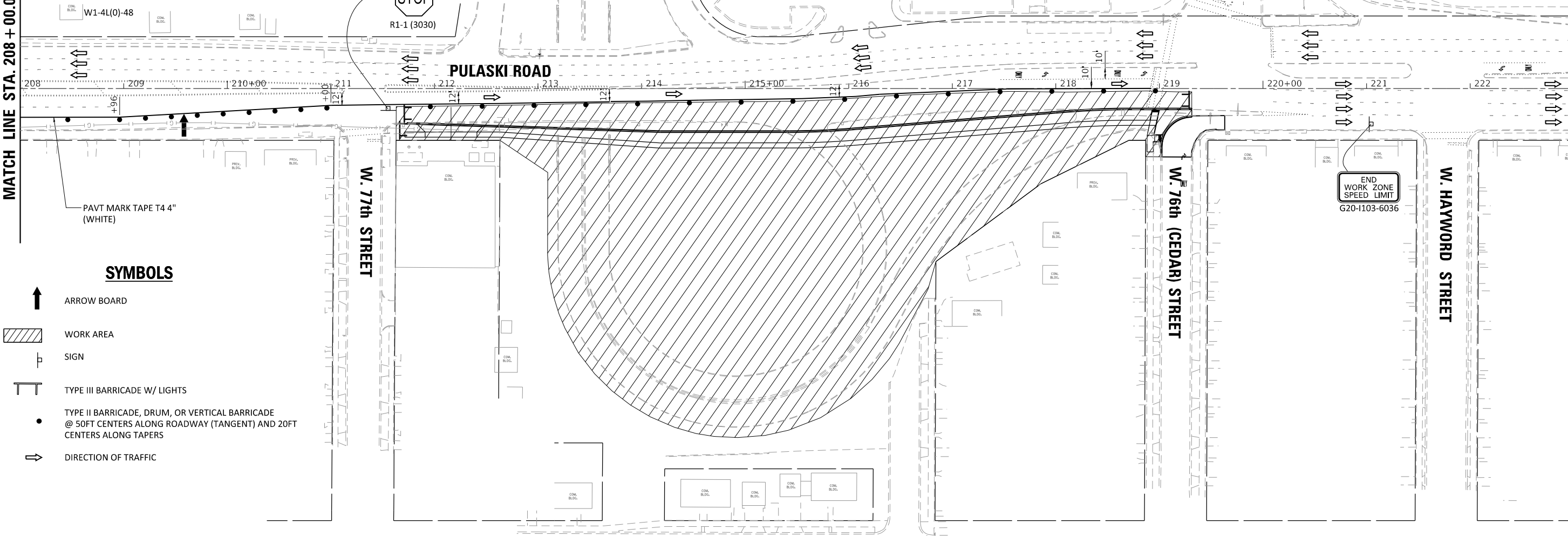
SCALE: 1" = 50'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 33
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 208 + 00.00

MATCH LINE STA. 223 + 00.00



W1-4L(0)-48

W20-1103(0)-48

STOP  
R1-1 (3030)

PULASKI ROAD







W. 77th STREET

W. 76th (CEDAR) STREET

W. HAYWORD STREET

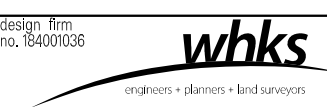
PAVT MARK TAPE T4 4" (WHITE)

**SYMBOLS**

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  TYPE III BARRICADE W/ LIGHTS
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE @ 50FT CENTERS ALONG ROADWAY (TANGENT) AND 20FT CENTERS ALONG TAPERS
-  DIRECTION OF TRAFFIC

END  
WORK ZONE  
SPEED LIMIT  
G20-1103-6036

MODEL: Default design firm no. 184001036 FILE NAME: \\sbs\DOT\_D-118793\_PTB\_1894010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\162D12-shtA01F.dgn



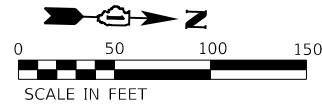
USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE II  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50'    SHEET 3 OF 4 SHEETS    STA.    TO STA.

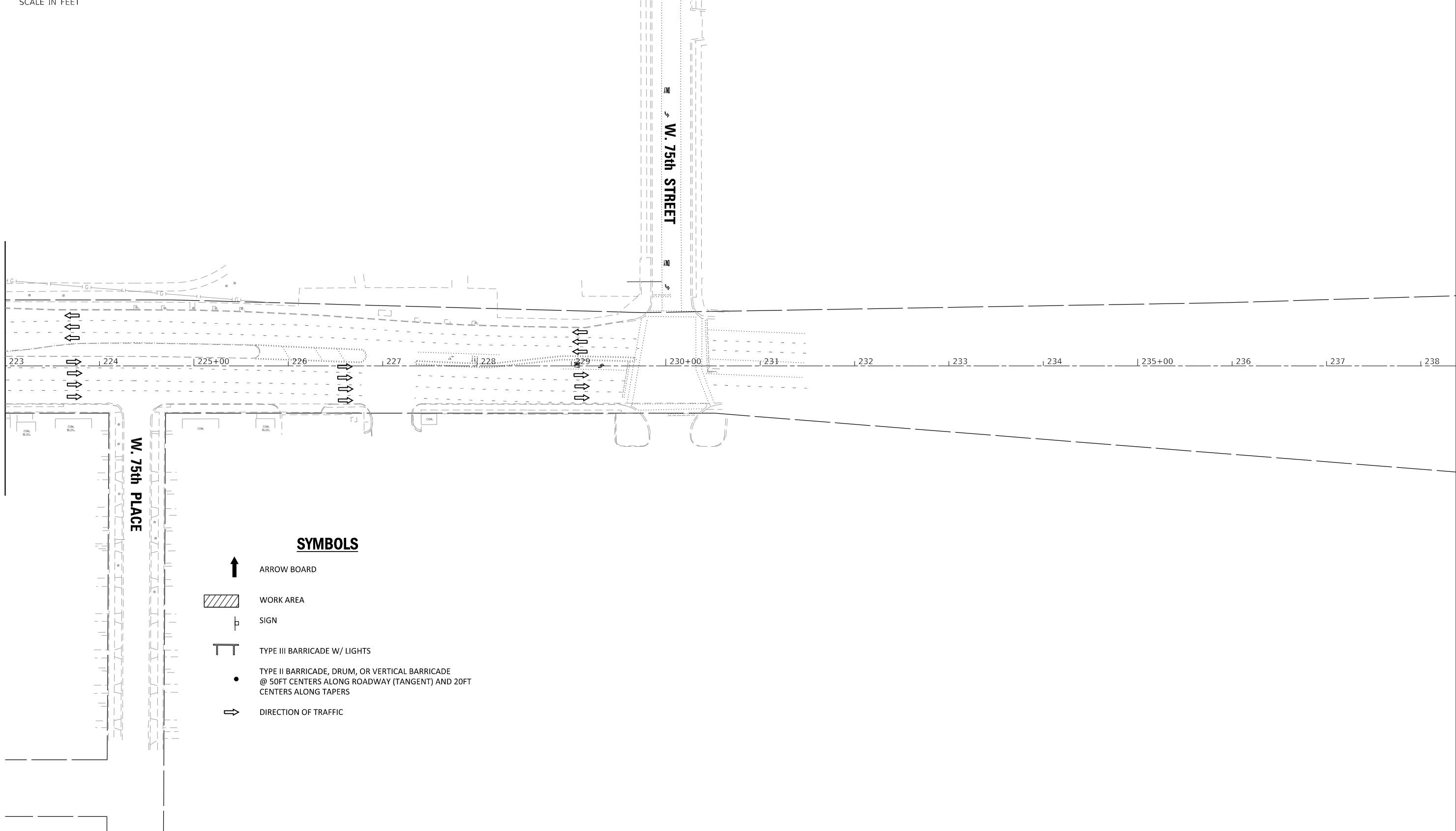
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	34
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 223 + 00.00

W. 75th PLACE

W. 75th STREET



**SYMBOLS**

- ARROW BOARD
- WORK AREA
- SIGN
- TYPE III BARRICADE W/ LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE  
@ 50FT CENTERS ALONG ROADWAY (TANGENT) AND 20FT  
CENTERS ALONG TAPERS
- DIRECTION OF TRAFFIC

MODEL: Default  
FILE NAME: C:\projects\DOT\_D-118793\_PTB\_189-010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\162-D1P-shtA01F-sta01L5-0.dgn

design firm  
no. 184001036

engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

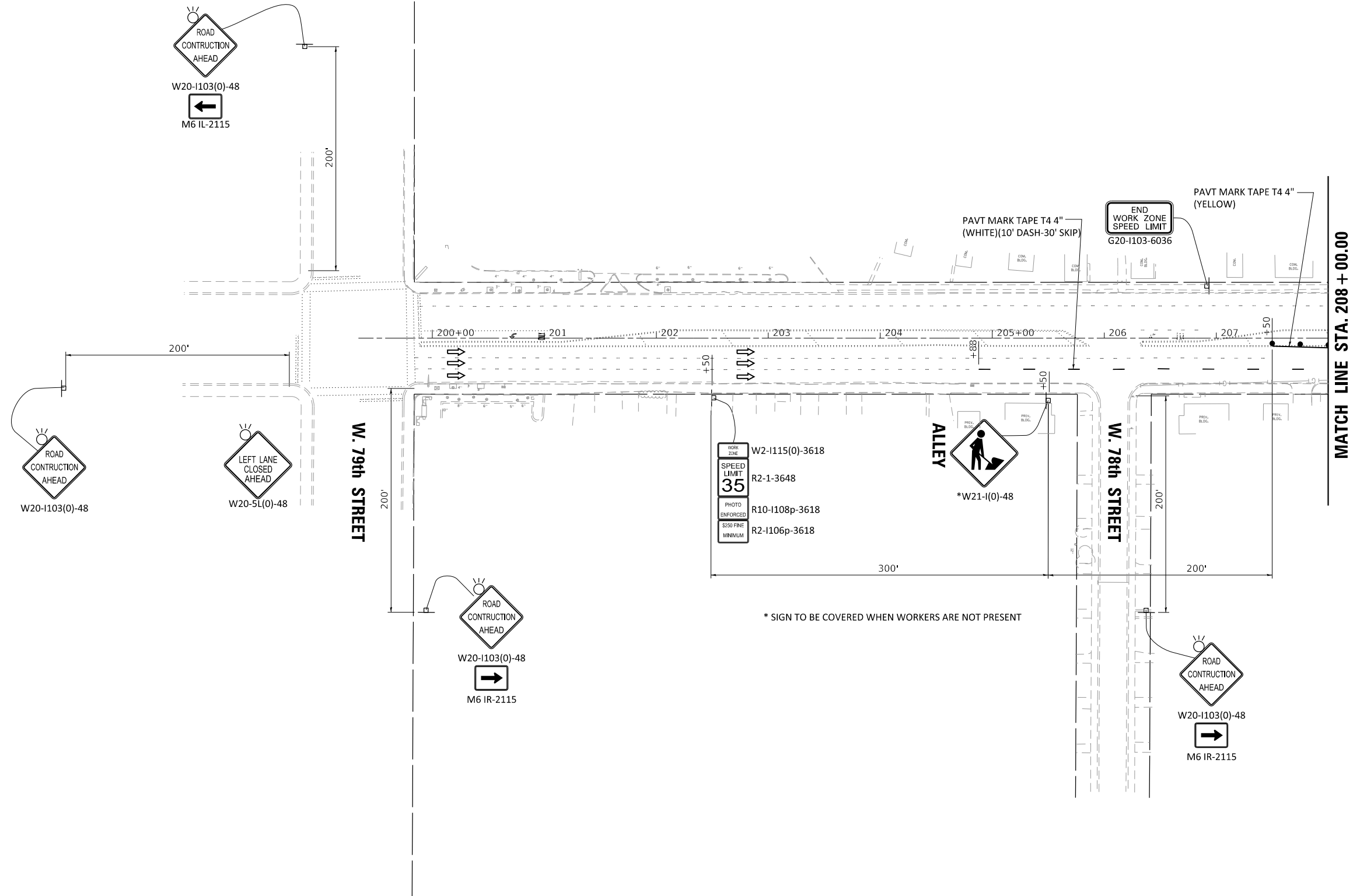
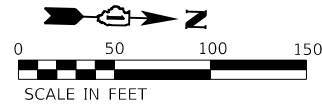
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE II  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50'    SHEET 4 OF 4 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	35
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

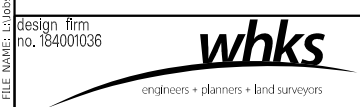




**SYMBOLS**

- ARROW BOARD
- WORK AREA
- SIGN
- TYPE III BARRICADE W/ LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE @ 50FT CENTERS ALONG ROADWAY (TANGENT) AND 20FT CENTERS ALONG TAPERS
- DIRECTION OF TRAFFIC

MODEL: Default design firm no. 184001036  
 FILE NAME: \\sps\hddot D:\18793\_PTB\_189-010\_VV8793.02\_Pulaski\_Road\CADD\CAD\_Sheets\184001036\_Pulaski\_Road\184001036.dgn



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

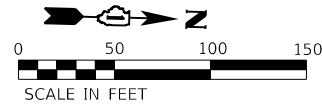
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE III  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	37
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 208 + 00.00



ROAD  
CONSTRUCTION  
AHEAD  
W20-1103(0)-48

ROAD  
CONSTRUCTION  
AHEAD  
W20-1103(0)-48

MATCH LINE STA. 208 + 00.00

MATCH LINE STA. 223 + 00.00

FORD CITY DRIVE







W. 76th STREET

W. 76th (CEDAR) STREET

W. HAYWARD STREET

PULASKI ROAD

**SYMBOLS**

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  TYPE III BARRICADE W/ LIGHTS
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE @ 50FT CENTERS ALONG ROADWAY (TANGENT) AND 20FT CENTERS ALONG TAPERS
-  DIRECTION OF TRAFFIC

PAVT MARK TAPE T4 4" (YELLOW)  
PAVT MARK TAPE T4 4" (WHITE)(10' DASH-30' SKIP)

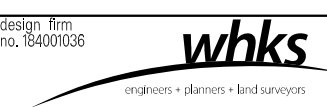
PAVT MARK TAPE T4 4" (YELLOW)  
PAVT MARK TAPE T4 4" (WHITE)(10' DASH-30' SKIP)  
PAVT MARK TAPE T4 4" (WHITE)  
PAVT MARK TAPE T4 4" 2' DASH 6' SKIP (WHITE)

PAVT MARK TAPE T4 6" (WHITE)  
PAVT MARK TAPE T4 LETTERS AND SYMBOLS (WHITE) (TYP)

PAVT MARK TAPE T4 4" (WHITE)  
PAVT MARK TAPE T4 4" (WHITE)(10' DASH-30' SKIP)  
PAVT MARK TAPE T4 4" (YELLOW)

ROAD  
CONSTRUCTION  
AHEAD  
W20-1103(0)-48  
M6-4

MODEL: Default design firm no. 184001036 FILE NAME: C:\projects\DOT\_D-118793\_PTB\_189-010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\182D12-shtA01-ctan115-50.dgn



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

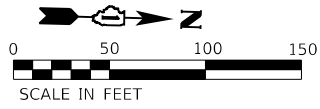
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE III  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	38
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



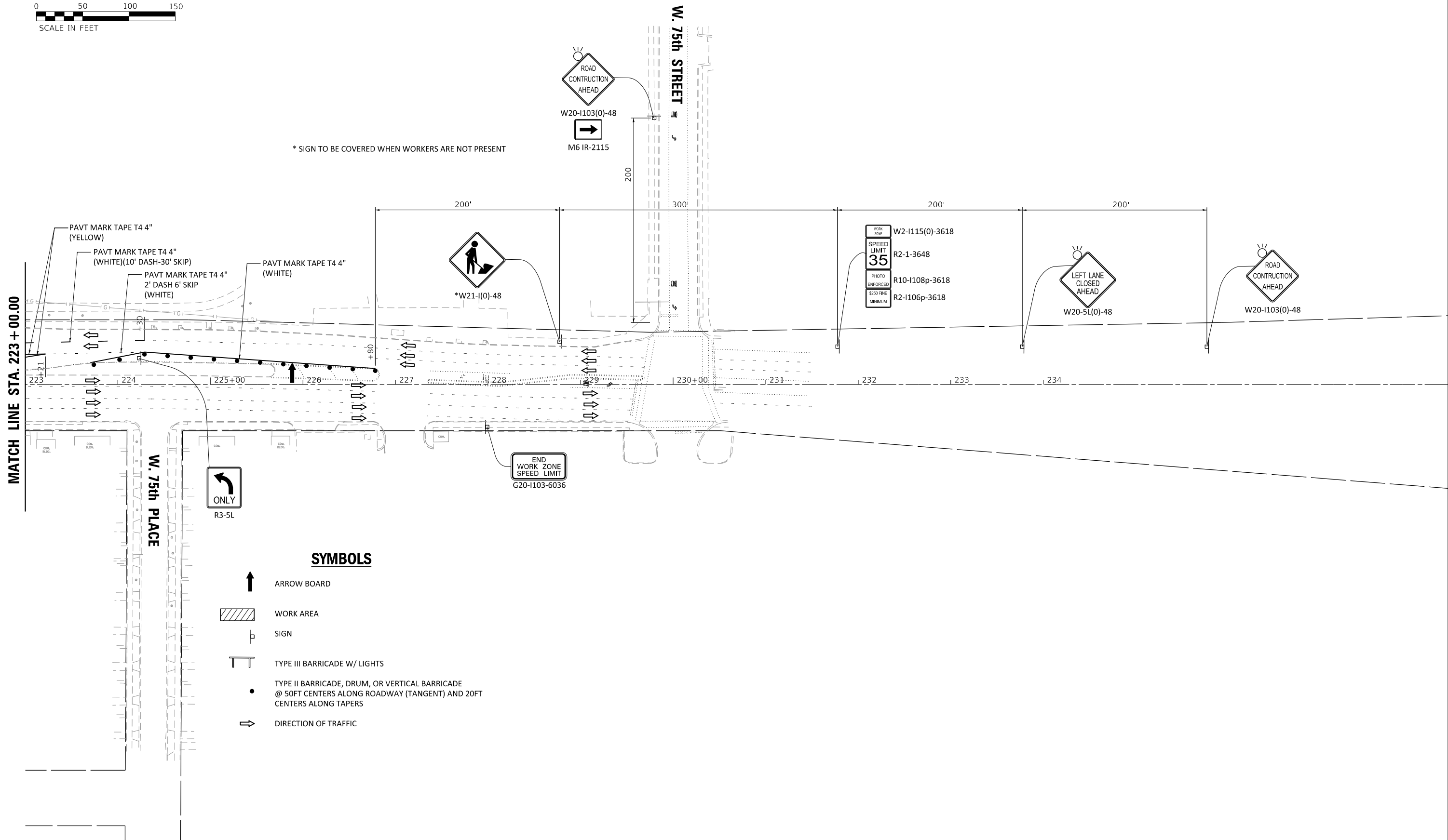


MATCH LINE STA. 223 + 00.00







W. 75th PLACE

W. 75th STREET

\* SIGN TO BE COVERED WHEN WORKERS ARE NOT PRESENT




**SYMBOLS**

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  TYPE III BARRICADE W/ LIGHTS
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE @ 50FT CENTERS ALONG ROADWAY (TANGENT) AND 20FT CENTERS ALONG TAPERS
-  DIRECTION OF TRAFFIC

MODEL: Default  
FILE NAME: C:\Users\jameson\OneDrive\Desktop\62D42\62D42-STA-III-MOT-PLAN-115-50.dgn  
PTB: 189-010 VV07/2/13.02 Pulaski Road\CADD\CAD\_Sheets\115-50-STA-III-MOT-PLAN-115-50.dgn

design firm  
no. 184001036



engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC – STAGE III  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 50'    SHEET 4 OF 4 SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	39
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

**28000305 TEMPORARY DITCH CHECKS**

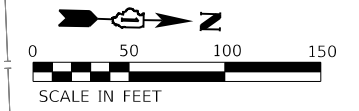
FORD CITY DRIVE		FOOT
RT	413+40.00	12
RT	413+20.00	12
RT	413+00.00	12
RT	412+60.00	12
RT	412+40.00	12
RT	412+20.00	12
RT	412+00.00	12
RT	411+80.00	12
RT	411+60.00	12
RT	411+40.00	12
RT	411+20.00	12
RT	411+00.00	12
LT	413+40.00	12
LT	413+20.00	12
LT	413+00.00	12
LT	412+80.00	12
LT	412+60.00	12
LT	412+40.00	12
LT	412+20.00	12
LT	412+00.00	12
LT	411+80.00	12
LT	411+60.00	12
LT	411+40.00	12
LT	411+20.00	12
LT	411+00.00	12
<b>TOTAL</b>		<b>300</b>

**28000400 PERIMETER EROSION BARRIER**

FORD CITY DRIVE		FOOT
RT	413+82.00 TO RT 414+90.00	420
LT	413+82.00 TO LT 414+90.00	420
RT	415+85.00 TO RT 422+65.00	1,100
<b>TOTAL</b>		<b>1,940</b>

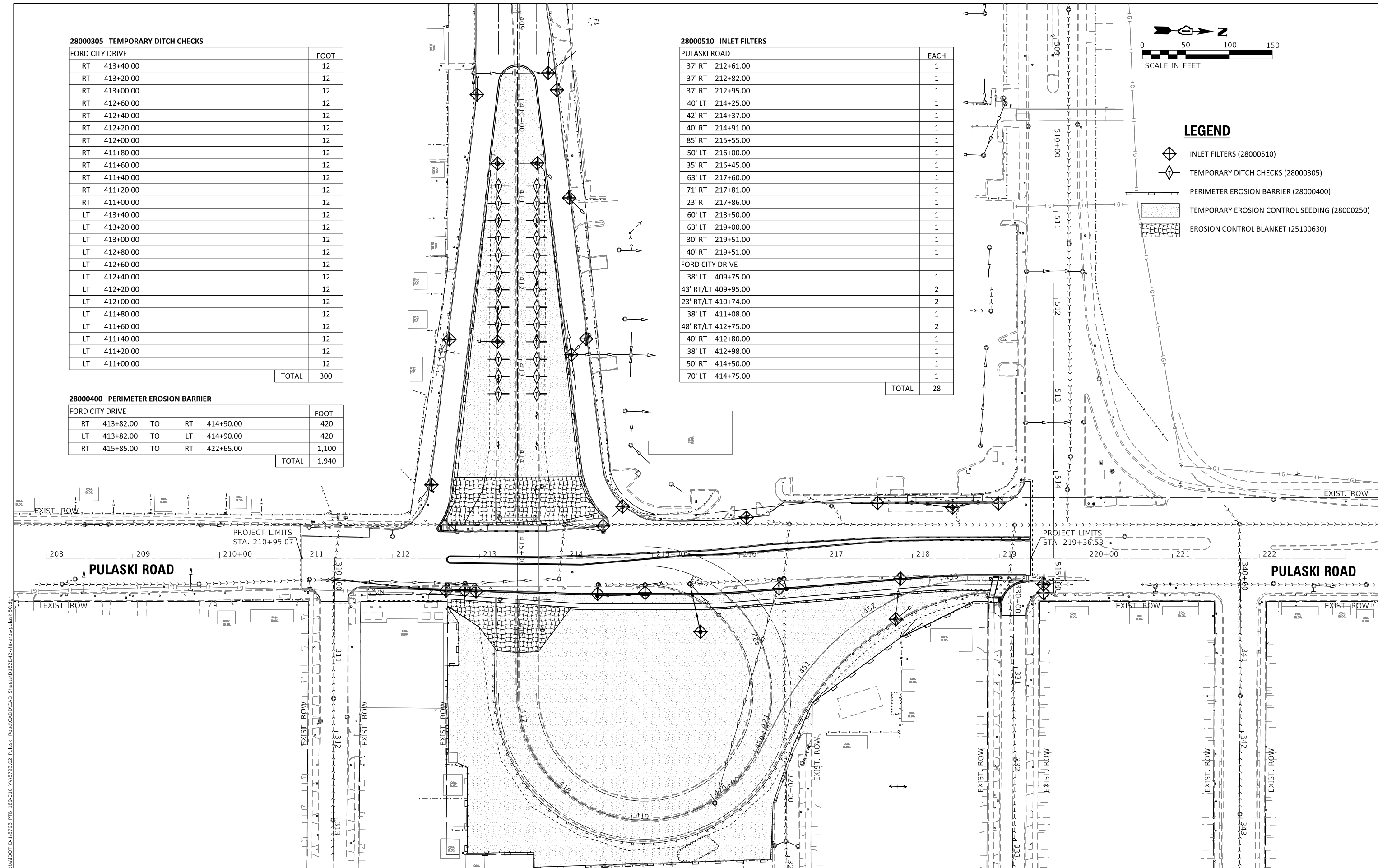
**28000510 INLET FILTERS**

PULASKI ROAD		EACH
37' RT	212+61.00	1
37' RT	212+82.00	1
37' RT	212+95.00	1
40' LT	214+25.00	1
42' RT	214+37.00	1
40' RT	214+91.00	1
85' RT	215+55.00	1
50' LT	216+00.00	1
35' RT	216+45.00	1
63' LT	217+60.00	1
71' RT	217+81.00	1
23' RT	217+86.00	1
60' LT	218+50.00	1
63' LT	219+00.00	1
30' RT	219+51.00	1
40' RT	219+51.00	1
FORD CITY DRIVE		
38' LT	409+75.00	1
43' RT/LT	409+95.00	2
23' RT/LT	410+74.00	2
38' LT	411+08.00	1
48' RT/LT	412+75.00	2
40' RT	412+80.00	1
38' LT	412+98.00	1
50' RT	414+50.00	1
70' LT	414+75.00	1
<b>TOTAL</b>		<b>28</b>

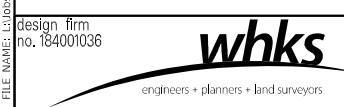


**LEGEND**

- INLET FILTERS (28000510)
- TEMPORARY DITCH CHECKS (28000305)
- PERIMETER EROSION BARRIER (28000400)
- TEMPORARY EROSION CONTROL SEEDING (28000250)
- EROSION CONTROL BLANKET (25100630)



MODEL: Default  
 FILE NAME: \\sbs\id01\0118793\_PTB\_189-010\_V018793\_02\_Pulaski\_Road\CADD\CAD\_Sheets\2162-D12-shc-cros-pulaski.dwg



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

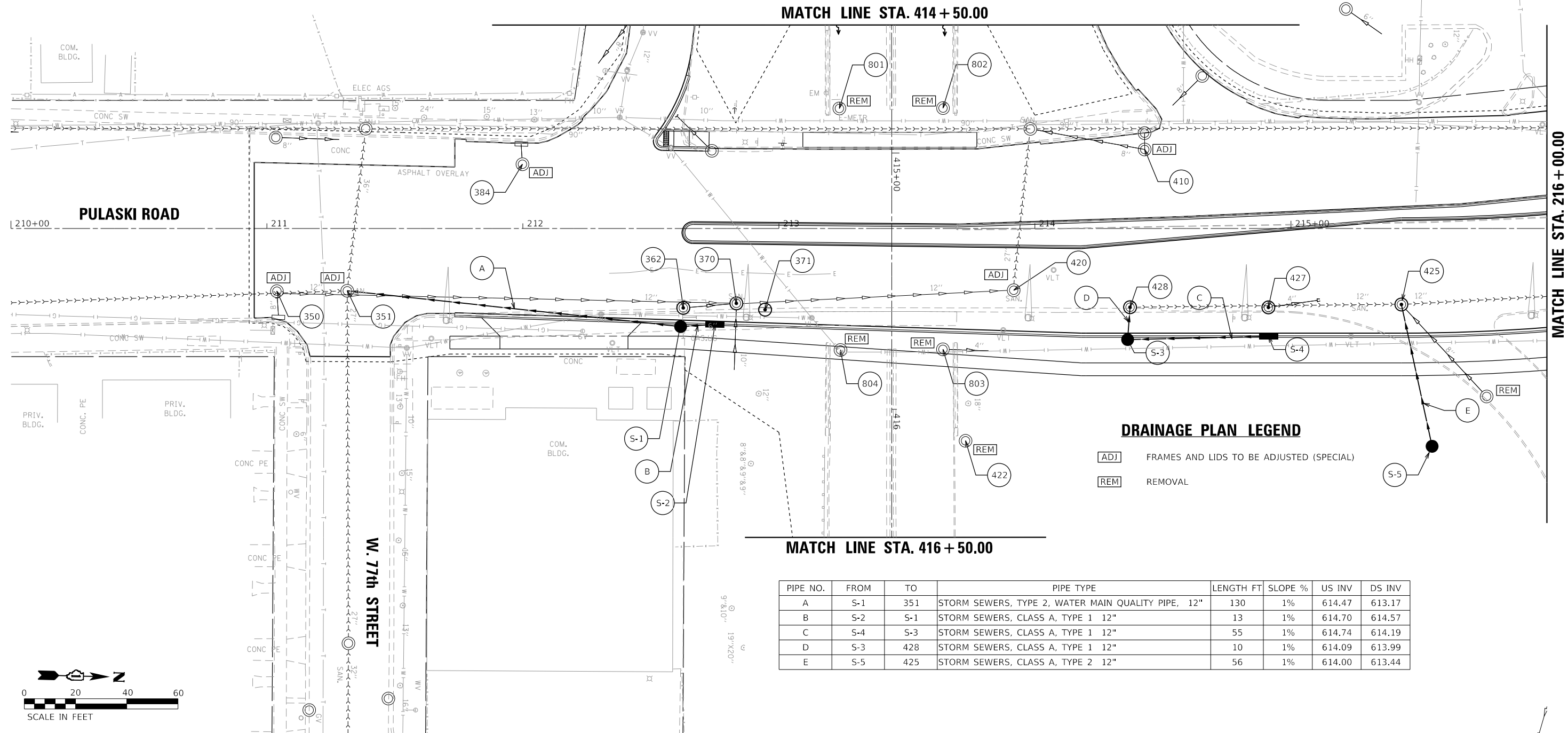
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
PULASKI ROAD AT FORD CITY DRIVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	40
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

STRUCTURE NO.	STA.	OFFSET FT.	STRUCTURE TYPE	RIM/EOP	INVERTS			
S-1	212+61.6	35.7' RT	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	617.80	614.57 12" N	614.47 12" S		
S-2	212+75.0	36.2' RT	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	617.68	614.70 12" S			
S-3	214+36.2	40.9' RT	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	617.77	614.19 12" N	614.09 12" W		
S-4	214+91.2	40.8' RT	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	617.74	614.74 12" S			
S-5	215+55.2	85.0' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	617.00	613.71 12" NW			
351	211+31.4	24.3' RT	EXISTING MANHOLE	618.71	603.01 EX 10" S	602.31 EX 32" E	602.31 EX 32" W	613.17 12" N
362	212+62.6	31.0' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	617.84				
370	212+83.4	29.2' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	617.65	607.45 EX 8" S	607.45 12" N	614.47 12" E	
371	212+94.6	31.7' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	617.77				
425	215+43.15	29.66' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	618.51	607.61 EX 12" N	607.61 EX 12" S	612.36 EX 8" NE (TBR)	613.44 12" E
427	214+91.2	30.8' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	617.97				
428	214+37.16	30.74' RT	CATCH BASINS TO BE ADJUSTED / FRAMES AND LIDS, CLOSED LID (CITY OF CHICAGO)	617.89	608.59 EX	613.99 12" E		

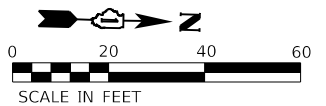


**DRAINAGE PLAN LEGEND**

- [ADJ] FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- [REM] REMOVAL

**MATCH LINE STA. 416 + 50.00**

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	US INV	DS INV
A	S-1	351	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	130	1%	614.47	613.17
B	S-2	S-1	STORM SEWERS, CLASS A, TYPE 1 12"	13	1%	614.70	614.57
C	S-4	S-3	STORM SEWERS, CLASS A, TYPE 1 12"	55	1%	614.74	614.19
D	S-3	428	STORM SEWERS, CLASS A, TYPE 1 12"	10	1%	614.09	613.99
E	S-5	425	STORM SEWERS, CLASS A, TYPE 2 12"	56	1%	614.00	613.44



MODEL: Default  
 FILE NAME: C:\Users\jameson\OneDrive\Documents\2020\1919-N(16)\1919-N(16)\_184001036.dwg  
 PLOT DATE: 2/5/2020



USER NAME = gjameson	DESIGNED - RKA	REVISOR
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	REVISION
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISION
	CHECKED - RKA	REVISION

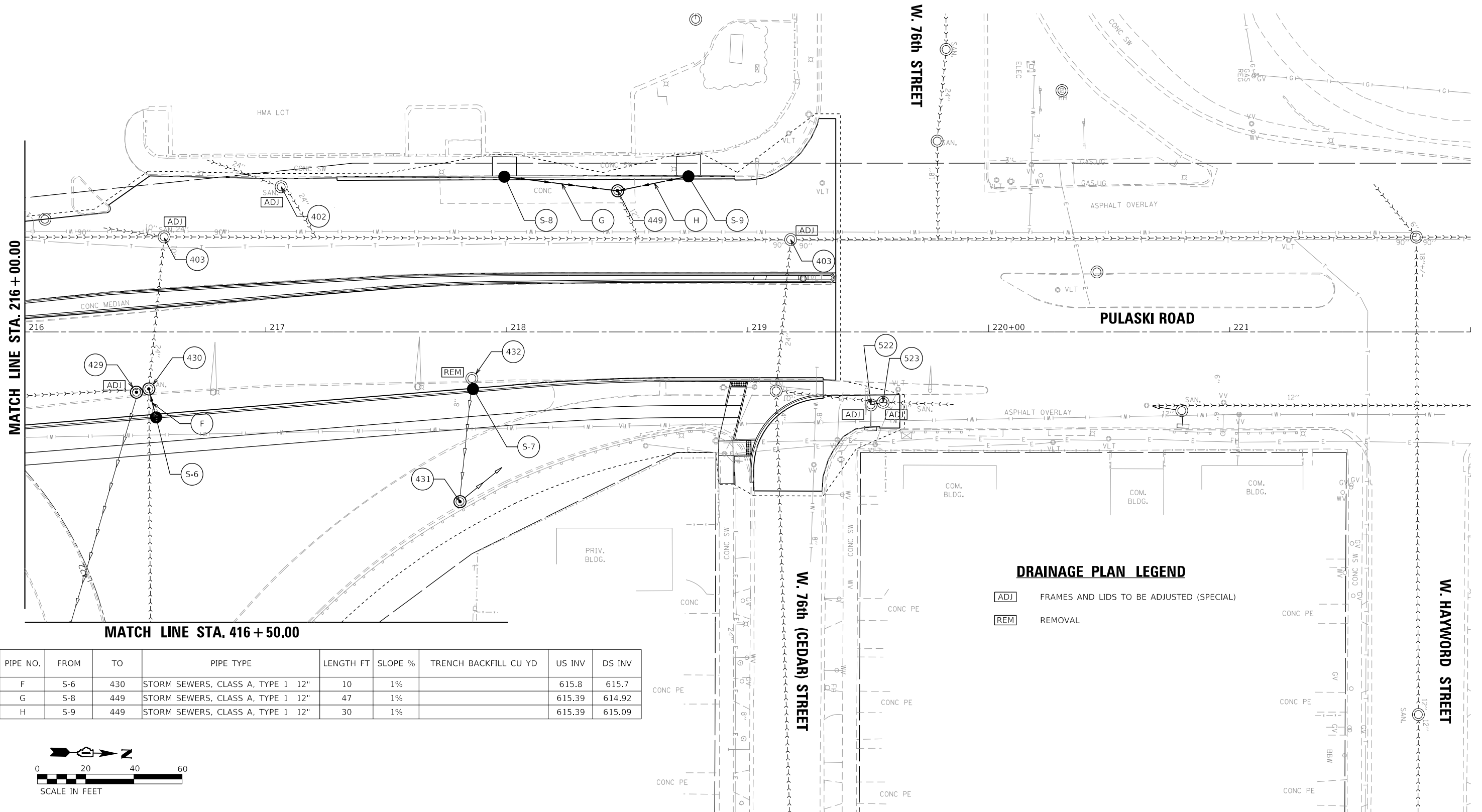
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

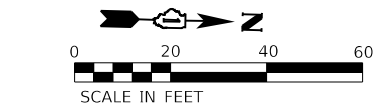
SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 41
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

STRUCTURE NO.	STA.	OFFSET FT.	STRUCTURE TYPE	RIM/EOP	INVERTS		
S-6	216+54.37	34.2' RT	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	618.8	615.80	12" W	
S-7	217+85.4	23.4' RT	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	618.73	616.30	8" EX E	
S-8	217+99.0	63.2' LT	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	618.39	615.39	12" N	
S-9	218+75.38	63.5' LT	CATCH BASINS, TYPE C, TYPE 12 FRAME AND GRATE	618.39	615.39	12" S	
430	216+51.5	23.7' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	619.02	615.7	12" E	603.12 24" EX E    602.77 24" EX W    603.72 10" EX S
431	217+80.6	70.4' RT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	617.00			
432	217+85.5	19.3' RT	EXISTING MANHOLE TO BE REMOVED	618.73	616.33	8" EX E	
449	218+46.0	58.6' LT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	618.36	613.16	EX	614.92 12" S    615.09 12" N



PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD	US INV	DS INV
F	S-6	430	STORM SEWERS, CLASS A, TYPE 1 12"	10	1%		615.8	615.7
G	S-8	449	STORM SEWERS, CLASS A, TYPE 1 12"	47	1%		615.39	614.92
H	S-9	449	STORM SEWERS, CLASS A, TYPE 1 12"	30	1%		615.39	615.09



**DRAINAGE PLAN LEGEND**

**ADJ** FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

**REM** REMOVAL

MODEL: D:\p1\184001036\184001036.dwg  
 FILE NAME: 184001036.dwg  
 PLOT DATE: 2/5/2020  
 PLOT SCALE: 40.0000' / in.  
 USER NAME: gjameson  
 DESIGNED: RKA  
 CHECKED: SDS  
 DRAWN: GSI  
 CHECKED: RKA  
 REVISIONS:



USER NAME = gjameson	DESIGNED - RKA	REVISIONS
PLOT SCALE = 40.0000' / in.	CHECKED - SDS	REVISIONS
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISIONS
	CHECKED - RKA	REVISIONS

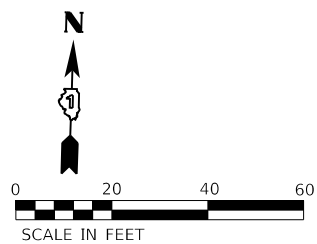
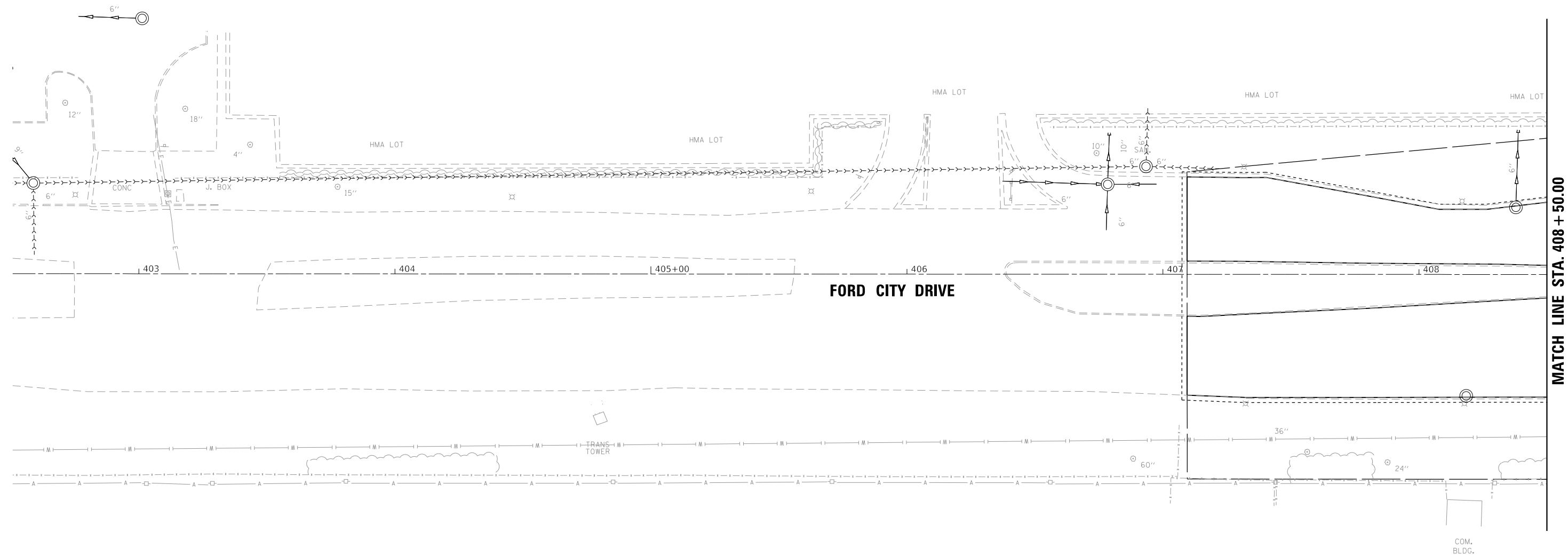
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	42
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: J:\projects\DOT\_D-18793\_PTB\_189-010\_VV87293.02\_Pulaski\_Road\CADD\CAD\_Sheets\18793-02\_Pulaski\_Road\CADD\CAD\_Sheets\18793-02\_Pulaski\_Road\drainage\ford0.dgn



**DRAINAGE PLAN LEGEND**

- ADJ FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- REM REMOVAL



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000 ' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

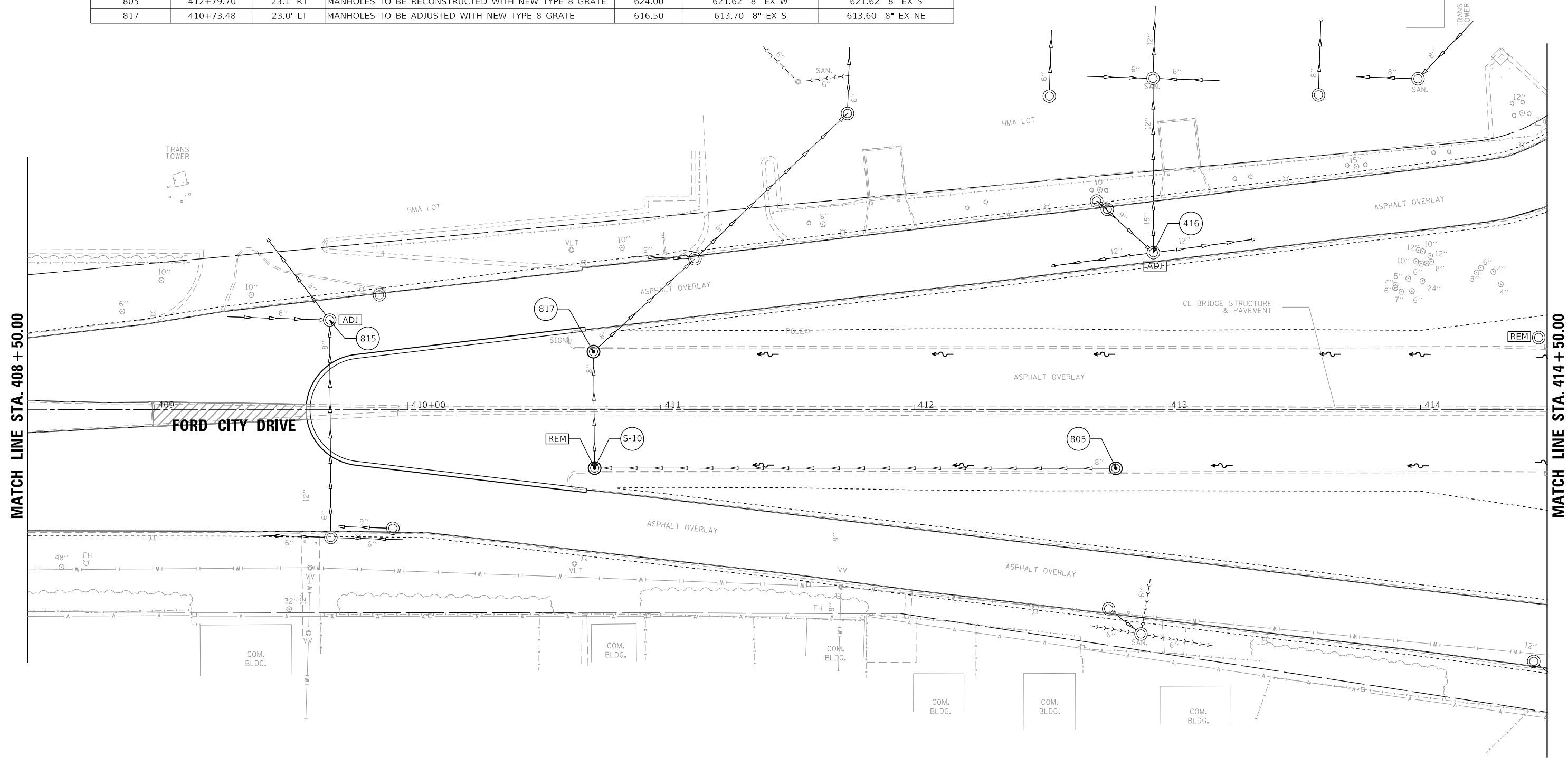
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20'    SHEET 1    OF 3    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	43
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

STRUCTURE NO.	STA.	OFFSET FT.	STRUCTURE TYPE	RIM/EOP	INVERTS	
S-10	410+73.94	23.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	616.50	614.16 8" EX N (EST)	
805	412+79.70	23.1' RT	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	624.00	621.62 8" EX W	621.62 8" EX S
817	410+73.48	23.0' LT	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	616.50	613.70 8" EX S	613.60 8" EX NE



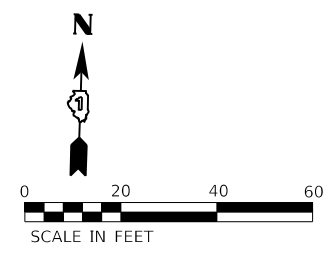
MATCH LINE STA. 408 + 50.00

MATCH LINE STA. 414 + 50.00

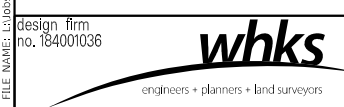
**FORD CITY DRIVE**

**DRAINAGE PLAN LEGEND**

- ADJ FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- REM REMOVAL



MODEL: Default FILE NAME: \\sbs\id01\DOT\_D-18793\_PTB\_189-010\_VV87293.02\_Pulaski\_Road\CADD\CAD\_Sheets\163\162-shc\drain-ford.dwg



USER NAME = SOPERATORS	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000 ' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/6/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

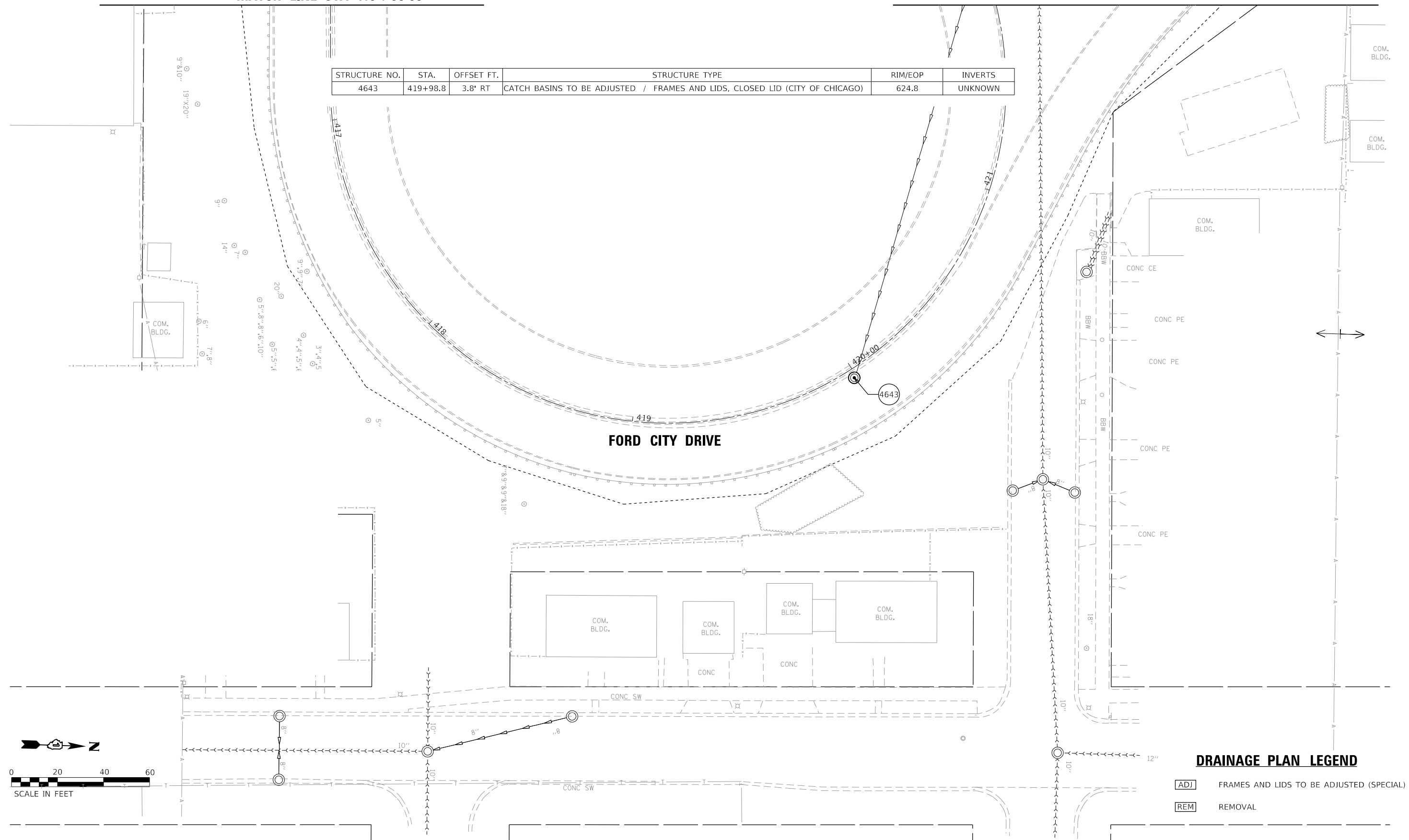
**DRAINAGE PLAN - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	44
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

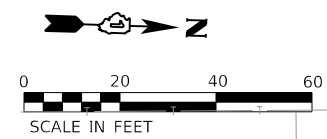
MATCH LINE STA. 416 + 50.00

STRUCTURE NO.	STA.	OFFSET FT.	STRUCTURE TYPE	RIM/EOP	INVERTS
4643	419+98.8	3.8' RT	CATCH BASINS TO BE ADJUSTED / FRAMES AND LIDS, CLOSED LID (CITY OF CHICAGO)	624.8	UNKNOWN

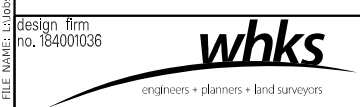


**DRAINAGE PLAN LEGEND**

- [ADJ] FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- [REM] REMOVAL



MODEL: Default  
 FILE NAME: C:\Users\jameson\OneDrive\Documents\1919-N(16)\1919-N(16)\_184001036.dgn  
 PLOT DATE: 2/5/2020



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40.0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSJ	REVISED
	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 45
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 414 + 50.00

MATCH LINE STA. 216 + 00.00

MATCH LINE STA. 416 + 50.00

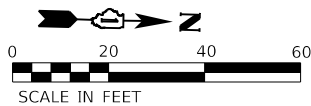
PULASKI ROAD

PROJECT LIMITS  
STA. 210+95.07



**LEGEND**

- ① LINE 4", SKIP-DASH, WHITE, 6' LINE-18' SPACE-LANE LINES (TYP)
- ② LINE 6", SKIP-DASH, WHITE, 2' LINE-6' SPACE-DOTTED LINES (TYP)
- ③ LINE 6", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ④ LINE 24", SOLID, WHITE-CROSSWALK LINES (SEE DISTRICT DETAIL TC-24)
- ⑤ LINE 24", SOLID, WHITE-STOP LINES (TYP)
- ⑥ LETTERS & SYMBOLS, 8", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ⑦ DOUBLE LINE 4", SOLID, YELLOW, 8" O.C.- PAINTED MEDIAN (TYP)
- ⑧ LINE 12", SOLID, YELLOW, DIAGONAL 20' O.C.-PAINTED MEDIAN (TYP)
- ⑨ LINE 4", SOLID, YELLOW EDGELINE (TYP)



MODEL: Default  
 FILE NAME: C:\projects\DOT\_D-118793\_PTB\_1894010\_VV07291302\_Pulaski\_Road\CADD\CAD\_Sheets\163.DWG-shc-hmk-pulaski20.dwg  
 EXTEND PR PVT MARKINGS TO PVT MARKING REMOVAL LIMITS

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	46
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



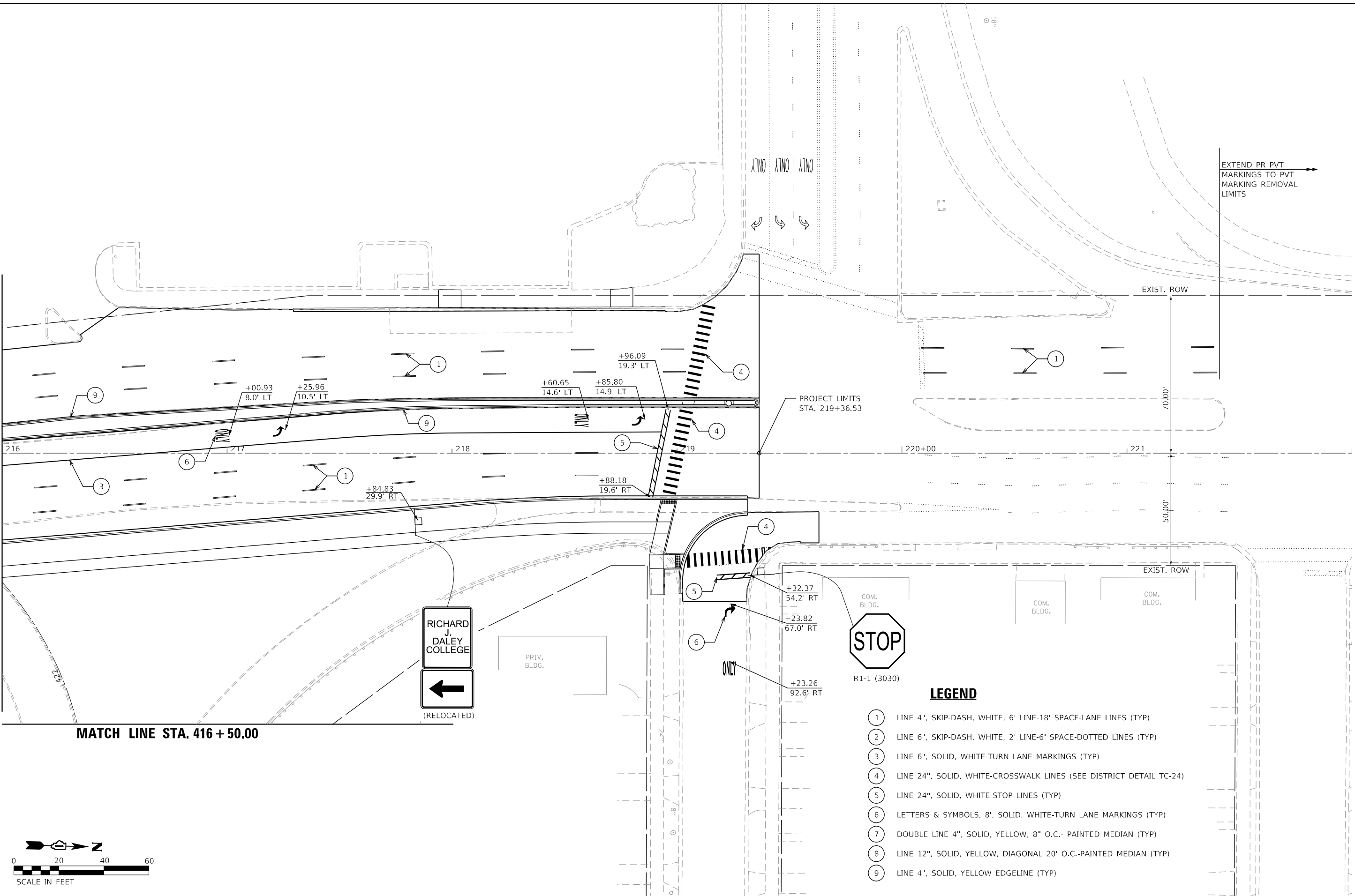


MATCH LINE STA. 216 + 00.00

MATCH LINE STA. 416 + 50.00

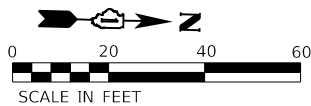
EXTEND PR PVT  
MARKINGS TO PVT  
MARKING REMOVAL  
LIMITS

MODEL: D:\p1\184001036\184001036.dwg FILE NAME: C:\Users\jameson\OneDrive\Documents\184001036\184001036.dwg



**LEGEND**

- ① LINE 4", SKIP-DASH, WHITE, 6' LINE-18' SPACE-LANE LINES (TYP)
- ② LINE 6", SKIP-DASH, WHITE, 2' LINE-6' SPACE-DOTTED LINES (TYP)
- ③ LINE 6", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ④ LINE 24", SOLID, WHITE-CROSSWALK LINES (SEE DISTRICT DETAIL TC-24)
- ⑤ LINE 24", SOLID, WHITE-STOP LINES (TYP)
- ⑥ LETTERS & SYMBOLS, 8", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ⑦ DOUBLE LINE 4", SOLID, YELLOW, 8" O.C.- PAINTED MEDIAN (TYP)
- ⑧ LINE 12", SOLID, YELLOW, DIAGONAL 20' O.C.-PAINTED MEDIAN (TYP)
- ⑨ LINE 4", SOLID, YELLOW EDGELINE (TYP)



USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000 ' / in.	DRAWN - GSJ	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

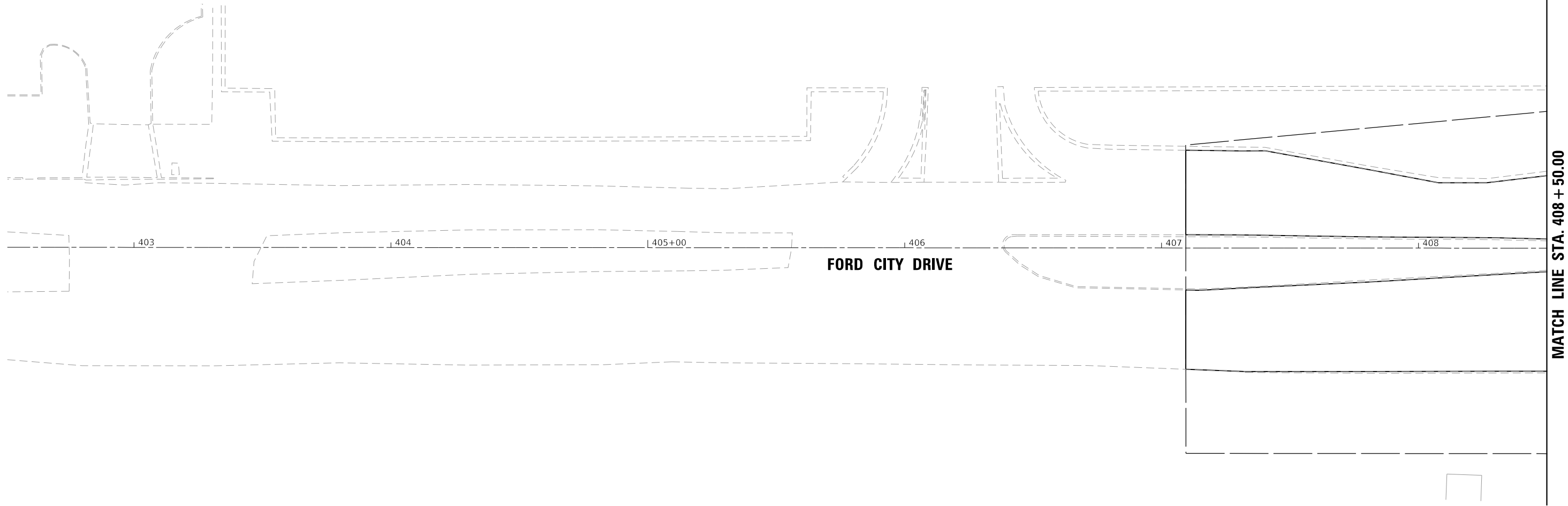
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS - PULASKI ROAD  
PULASKI ROAD AT FORD CITY DRIVE

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	47
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				





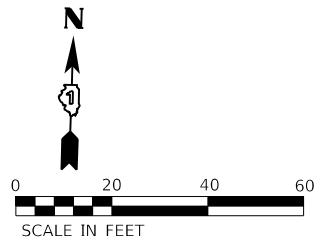
FORD CITY DRIVE

MATCH LINE STA. 408 + 50.00

**LEGEND**

- ① LINE 4", SKIP-DASH, WHITE, 6' LINE-18' SPACE-LANE LINES (TYP)
- ② LINE 6", SKIP-DASH, WHITE, 2' LINE-6' SPACE-DOTTED LINES (TYP)
- ③ LINE 6", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ④ LINE 24", SOLID, WHITE-CROSSWALK LINES (SEE DISTRICT DETAIL TC-24)
- ⑤ LINE 24", SOLID, WHITE-STOP LINES (TYP)
- ⑥ LETTERS & SYMBOLS, 8", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ⑦ DOUBLE LINE 4", SOLID, YELLOW, 8" O.C.- PAINTED MEDIAN (TYP)
- ⑧ LINE 12", SOLID, YELLOW, DIAGONAL 20' O.C.-PAINTED MEDIAN (TYP)
- ⑨ LINE 4", SOLID, YELLOW EDGELINE (TYP)

COM. BLDG.



MODEL: Default  
 FILE NAME: \\sps\hddot\0-18793\_PTB\_189-010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\162D42-162D42-162D42-162D42-162D42.dgn

design firm  
no. 184001036

engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

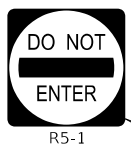
**PAVEMENT MARKING PLANS - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	48
CONTRACT NO. 62D42				
ILLINOIS		FED. AID PROJECT		

MATCH LINE STA. 408 + 50.00

MATCH LINE STA. 414 + 50.00



FORD CITY DRIVE

+75.93  
47.3' LT

+75.93  
15.3' LT

410+00

411

412

413

414

COM. BLDG.

COM. BLDG.

COM. BLDG.

COM. BLDG.

COM. BLDG.

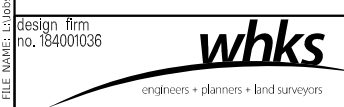
COM. BLDG.

**LEGEND**

- ① LINE 4", SKIP-DASH, WHITE, 6' LINE-18' SPACE-LANE LINES (TYP)
- ② LINE 6", SKIP-DASH, WHITE, 2' LINE-6' SPACE-DOTTED LINES (TYP)
- ③ LINE 6", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ④ LINE 24", SOLID, WHITE-CROSSWALK LINES (SEE DISTRICT DETAIL TC-24)
- ⑤ LINE 24", SOLID, WHITE-STOP LINES (TYP)
- ⑥ LETTERS & SYMBOLS, 8", SOLID, WHITE-TURN LANE MARKINGS (TYP)
- ⑦ DOUBLE LINE 4", SOLID, YELLOW, 8" O.C.- PAINTED MEDIAN (TYP)
- ⑧ LINE 12", SOLID, YELLOW, DIAGONAL 20' O.C.-PAINTED MEDIAN (TYP)
- ⑨ LINE 4", SOLID, YELLOW EDGELINE (TYP)



MODEL: Default  
FILE NAME: \\sps\id\DOT\_D-18793\_PTB\_189-010\_VV07293.02\_Pulaski\_Road\CADD\CAD\_Sheets\18793-02\_Pulaski-Road-City-Drive-Ford.dgn



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,0000 ' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSJ	REVISED
	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

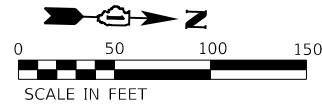
**PAVEMENT MARKING PLANS - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	49
CONTRACT NO. 62D42				

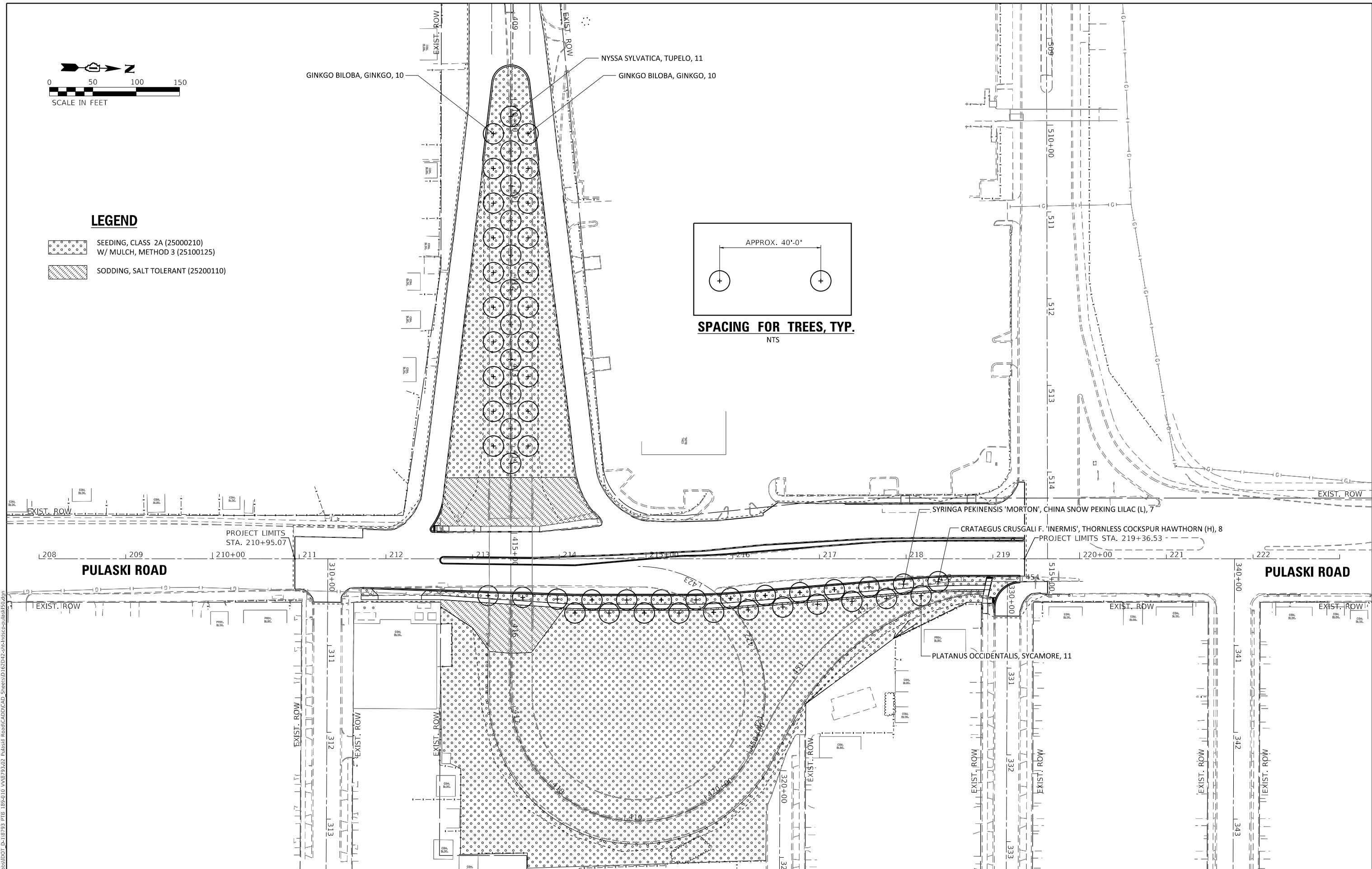
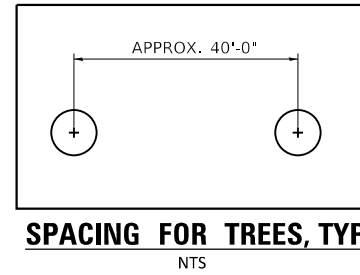
ILLINOIS FED. AID PROJECT





**LEGEND**

- SEEDING, CLASS 2A (25000210)  
W/ MULCH, METHOD 3 (25100125)
- SODDING, SALT TOLERANT (25200110)



MODEL: Default  
 FILE NAME: C:\Users\jameson\OneDrive\Documents\2020\1919-N(16)\Pulaski Road\CADD\CAD\_Sheets\162-D12-std-hsc-cad-bldg.dwg  
 PROJECT: 1919-N(16)  
 SHEET: 51 OF 110  
 DATE: 2/5/2020

design firm  
 no. 184001036  
  
 engineers • planners • land surveyors









USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 100,0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

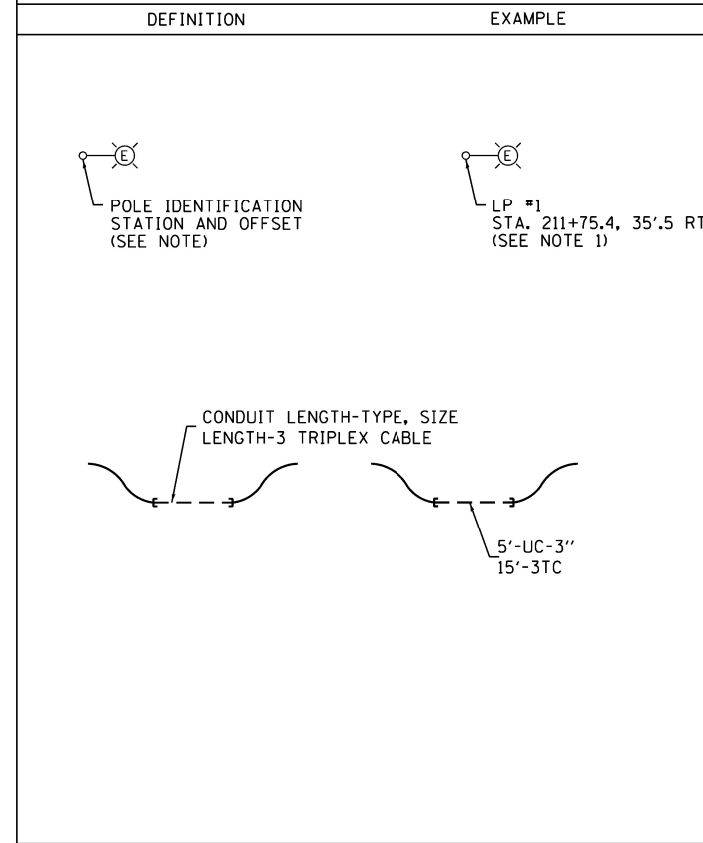
**LANDSCAPE PLAN**  
**PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 50'  
 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	51
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  REMOVE 4x9x35' EMBEDDED POLE, MAST ARM, AND LUMINAIRE
-  REMOVE 29'-6" POLE, BALLAST HOUSING, MAST ARM, AND LUMINAIRE
-  EXISTING LIGHT POLE
-  PROPOSED LIGHT POLE
-  EXISTING HANDHOLE
-  PROPOSED HANDHOLE
-  OVERHEAD WIRE TO BE REMOVED
-  PROPOSED UNDERGROUND CONDUIT

**CALL-OUT SAMPLES**



**ABBREVIATIONS**

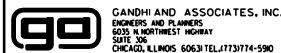
SYMBOL	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
ET	EXISTING TEMPORARY UNIT TO REMAIN
ETR	EXISTING TEMPORARY RELOCATED UNIT
FT	FEET OR FOOT
FND BW	FOUNDATION BARRIER WALL
FND BW OS	FOUNDATION BARRIER WALL OFFSET
FND CON	FOUNDATION CONCRETE
FND CON OS	FOUNDATION CONCRETE OFFSET
FND MET	FOUNDATION METAL
FND PW	FOUNDATION PARAPET WALL
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LT	LEFT
MA	MAST ARM
MM	MILLIMETER
MH	MOUNTING HEIGHT
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RT	RIGHT
RECP	RECEPTACLE
RCC	RIGID GALVANIZED CONDUIT
RCS	RIGID GALVANIZED STEEL
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TMP	TEMPORARY
TR	TEMPORARY UNIT TO BE REMOVED, SALVAGE EQUIPMENT AS SPECIFIED
TRR	TEMPORARY UNIT TO BE REMOVED AND RELOCATED
TUR	TEMPORARY UNIT ON UTILITY POLE TO BE REMOVED
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT DRAWINGS, WHICH WOULD AFFECT THE WORK UNDER THIS CONTRACT.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
3. ALL NEW CONDUITS, UNIT DUCTS, DIRECT BURIAL CABLES, AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
4. THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRES IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
6. ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
7. CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
8. WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND ITEM. REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
9. THE EXISTING LIGHTING SYSTEM IS OWNED AND MAINTAINED BY THE CITY OF CHICAGO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING SYSTEM DURING CONSTRUCTION AND UNTIL THE WORK IS COMPLETED AND THE LIGHT POLES ARE INSTALLED AND OPERATIONAL.
10. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO NOTIFY CDOT WHEN THE PROPOSED POLE AND EQUIPMENT IS INSTALLED AND READY FOR THE FIRE ALARM CABLE TO BE RELOCATED.

Item Number	Description	Unit	Quantity
81028350	UNDERGROUND CONDUIT PVC 2' DIA.	FOOT	601
81028370	UNDERGROUND CONDUIT PVC 3' DIA.	FOOT	709
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8
87900200	DRILL EXISTING HANDHOLE	EACH	2
89502380	REMOVE EXISTING HANDHOLE	EACH	1
X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO.6 AND 1-1/c NO.8 GROUND	FOOT	681
X1400398	REMOVE LUMINAIRE COMPLETE	EACH	8
X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	56
X8951011	REMOVE AERIAL CABLE	FOOT	748
XX006668	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	1
XX007126	HANDHOLE SPECIAL 24"X24"	EACH	2
Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	1
Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L. SUM	1
	ADDITIONAL 3" ELBOW	EACH	2
	RACK SECONDARY 2-WIRE	EACH	2
	LIGHTING UNIT INSTALL ONLY	EACH	8

FILE NAME = #FILE#



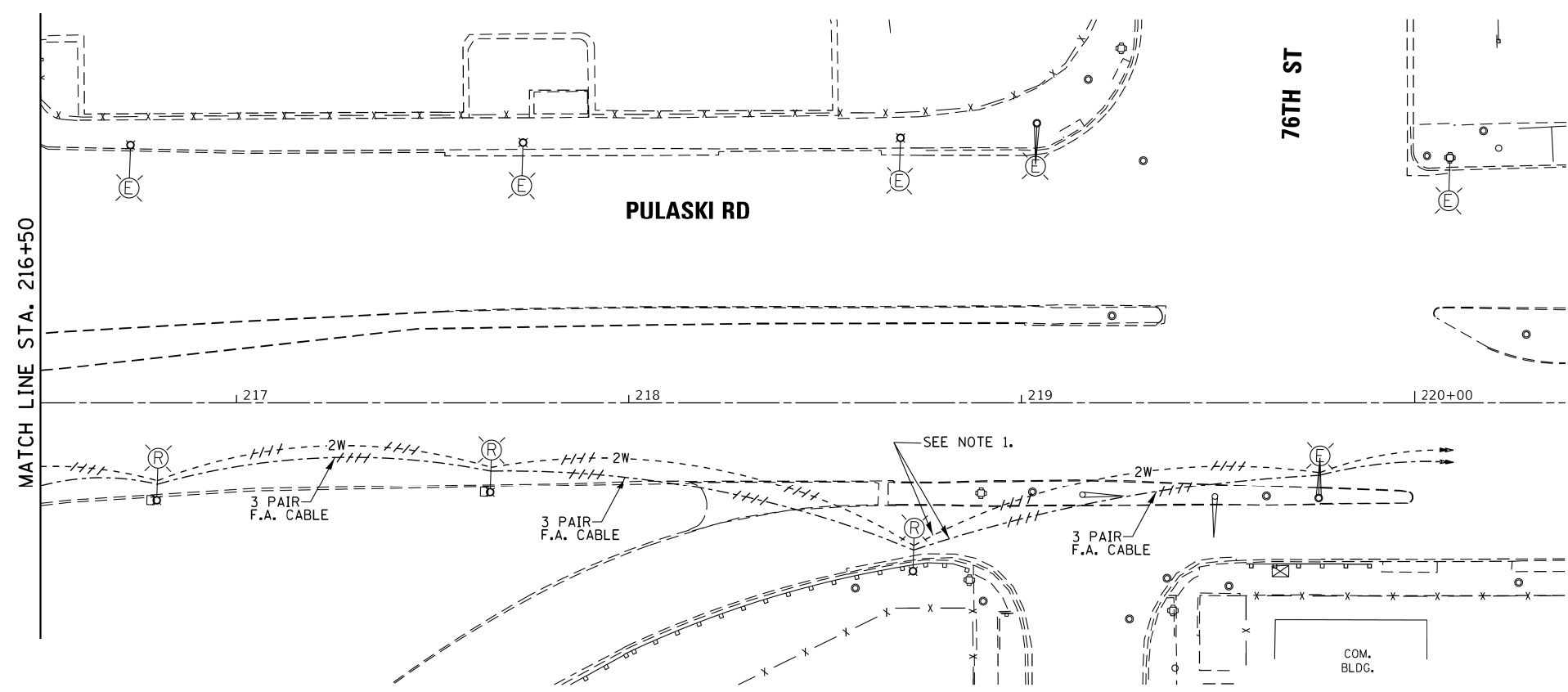
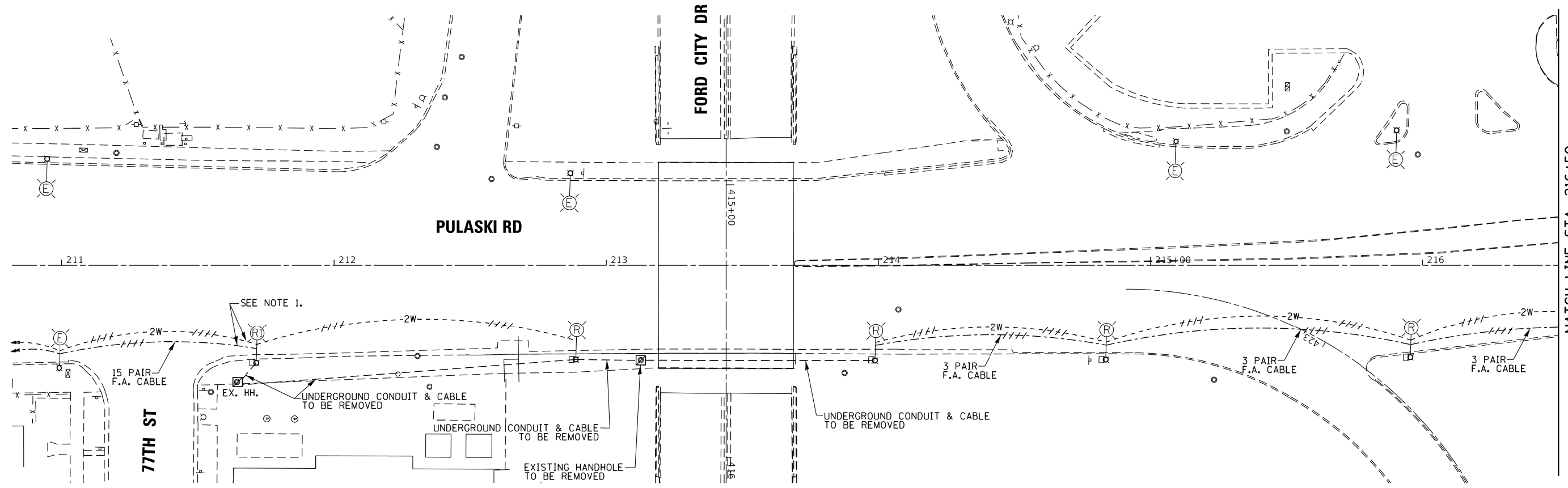
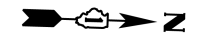
USER NAME : #USER#	DESIGNED - SM	REVISED -
DRAWN - AV, EA	REVISOR -	
PLOT SCALE : #SCALE#	CHECKED - SM	REVISED -
PLOT DATE : #DATE#	DATE - 11/22/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PULASKI RD AT 76TH ST  
LIGHTING GENERAL NOTES AND LEGEND**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	52
<b>CONTRACT NO. 62D42</b>				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

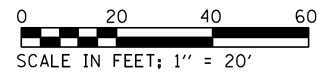


**LEGEND:**

- REMOVE 4x9x35' EMBEDDED POLE, MAST ARM, AND LUMINAIRE
- REMOVE 29'-6" POLE, BALLAST HOUSING, MAST ARM, AND LUMINAIRE
- OVERHEAD WIRE TO BE REMOVED

**NOTES:**

1. DISCONNECT 2 AERIAL WIRE (STREET LIGHT) AND FIRE ALARM CABLE FROM EXISTING POLE & RECONNECT TO NEW LIGHT POLE, AFTER PROPOSED LIGHTING IS INSTALLED.
2. EXISTING LIGHT POLES TO REMAIN IN PLACE AND OPERATIONAL UNTIL PROPOSED LIGHTING IS INSTALLED.



FILE NAME = #FILEL#

**GA** GANDHI AND ASSOCIATES, INC.  
ENGINEERS AND PLANNERS  
5015 N. NORTHWEST HIGHWAY  
SUITE 300  
CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900

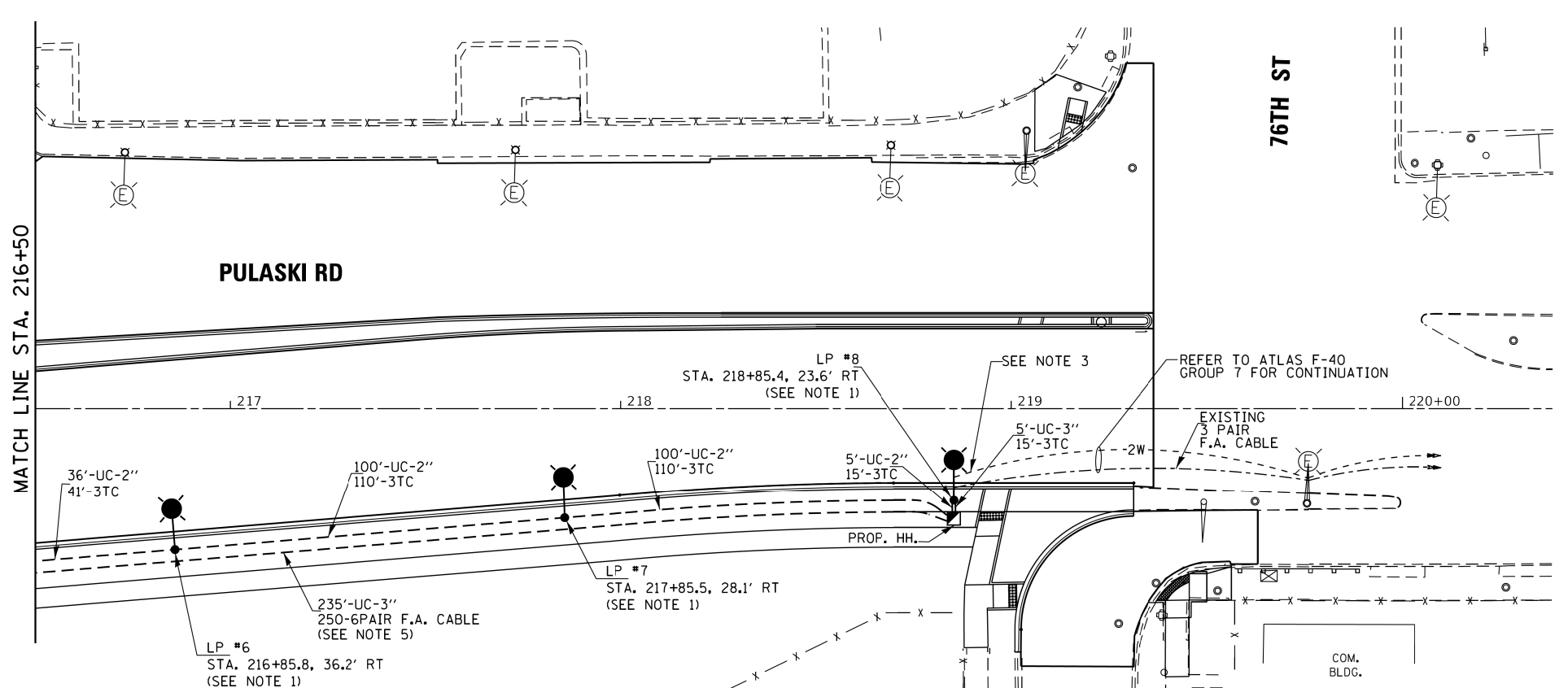
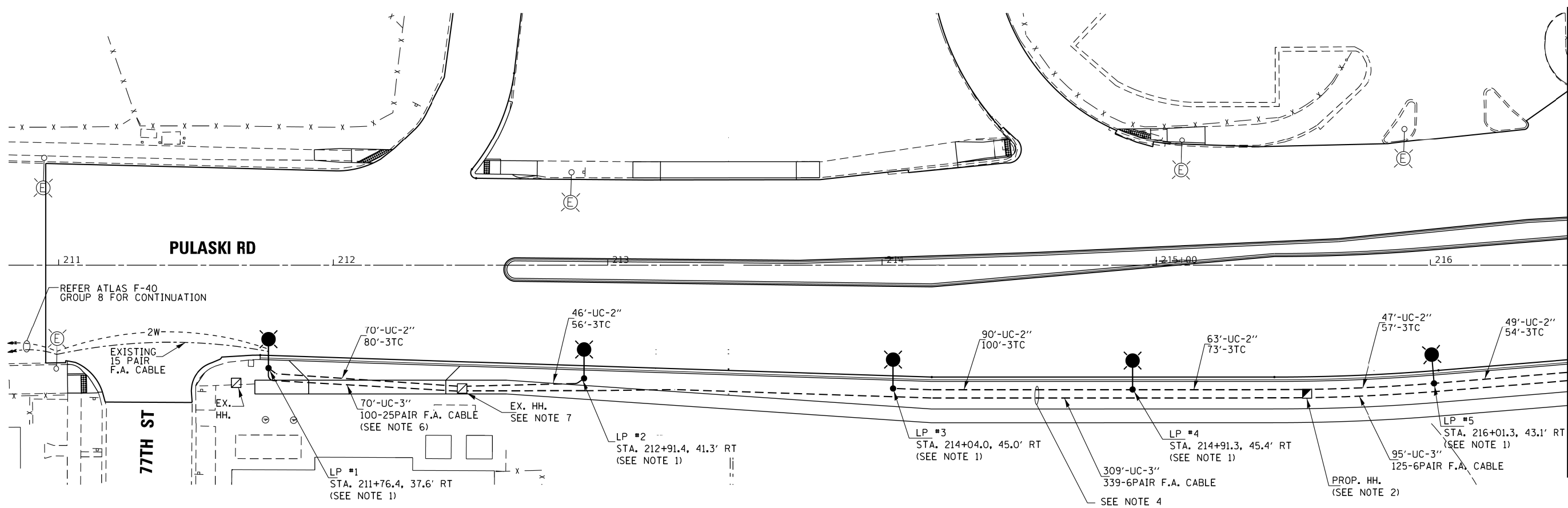
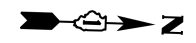
USER NAME = #USER#	DESIGNED - SM	REVISED -
DRAWN - AV, EA	REVISIONS -	
PLOT SCALE = #SCALE#	CHECKED - SM	REVISED -
PLOT DATE = #DATE#	DATE - 11/22/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PULASKI RD AT 76TH ST  
REMOVAL LIGHTING PLAN**

SCALE: 1"=20'    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	53
CONTRACT NO. 62D42				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**LEGEND:**

- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- PROPOSED UNDERGROUND CONDUIT
- PROPOSED HANDHOLE
- EXISTING HANDHOLE

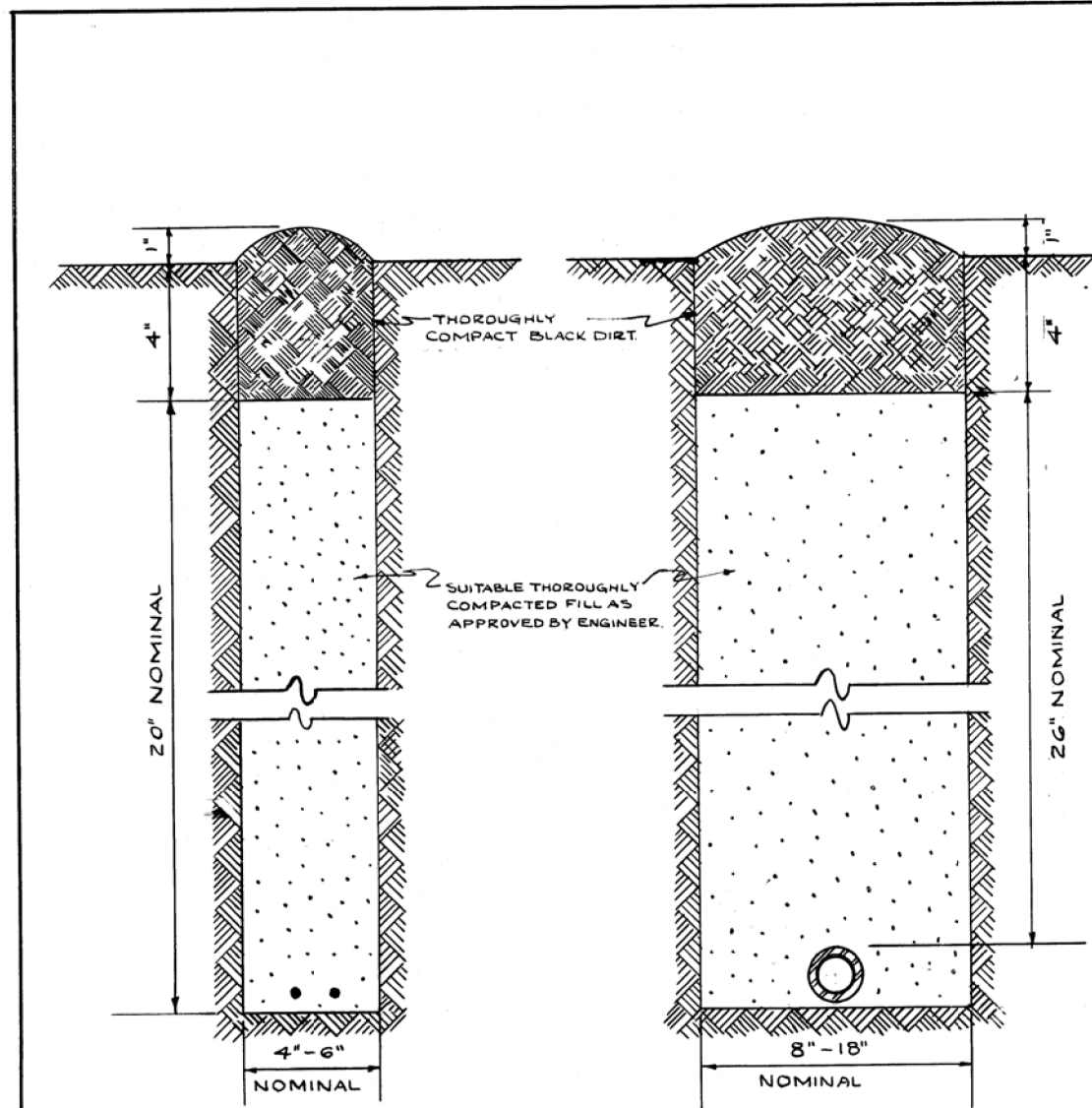
**NOTES:**

1. INSTALL LIGHT POLE FOUNDATION (SPECIAL), 35' DAVID POLE, BRUSHED ALUMINUM 12' MAST ARM AND GE ERLH 014 B3 3000K COBRA HEAD LUMINAIRE 3' BEHIND THE FACE OF CURB
2. INSTALL HANDHOLE PER DRAWING #11447.A
3. INSTALL TSS-18 JUNCTION BOX FOR 6 PAIR F.A. CABLE
4. INSTALL 2" CONDUIT FOR STREET LIGHT & 3" CONDUIT FOR F.A. CABLE AS SHOWN
5. INSTALL 6 PAIR F.A. CABLE AS INDICATED
6. INSTALL 25 PAIR F.A. CABLE AS SHOWN
7. HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER



FILE NAME = #FILEL#	GANDHI AND ASSOCIATES, INC. <small>ENGINEERS AND PLANNERS          5015 N. NORTHWEST HIGHWAY          SUITE 300          CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900</small>	USER NAME = #USER#	DESIGNED - SM	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PULASKI RD AT 76TH ST          PROPOSED LIGHTING PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = #SCALE#	CHECKED - SM	REVISED -		368	1919-N(16)	COOK	110	54			
		PLOT DATE = #DATE#	DATE - 11/22/2019	REVISED -		CONTRACT NO. 62D42			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
						SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.		





CABLE TRENCH

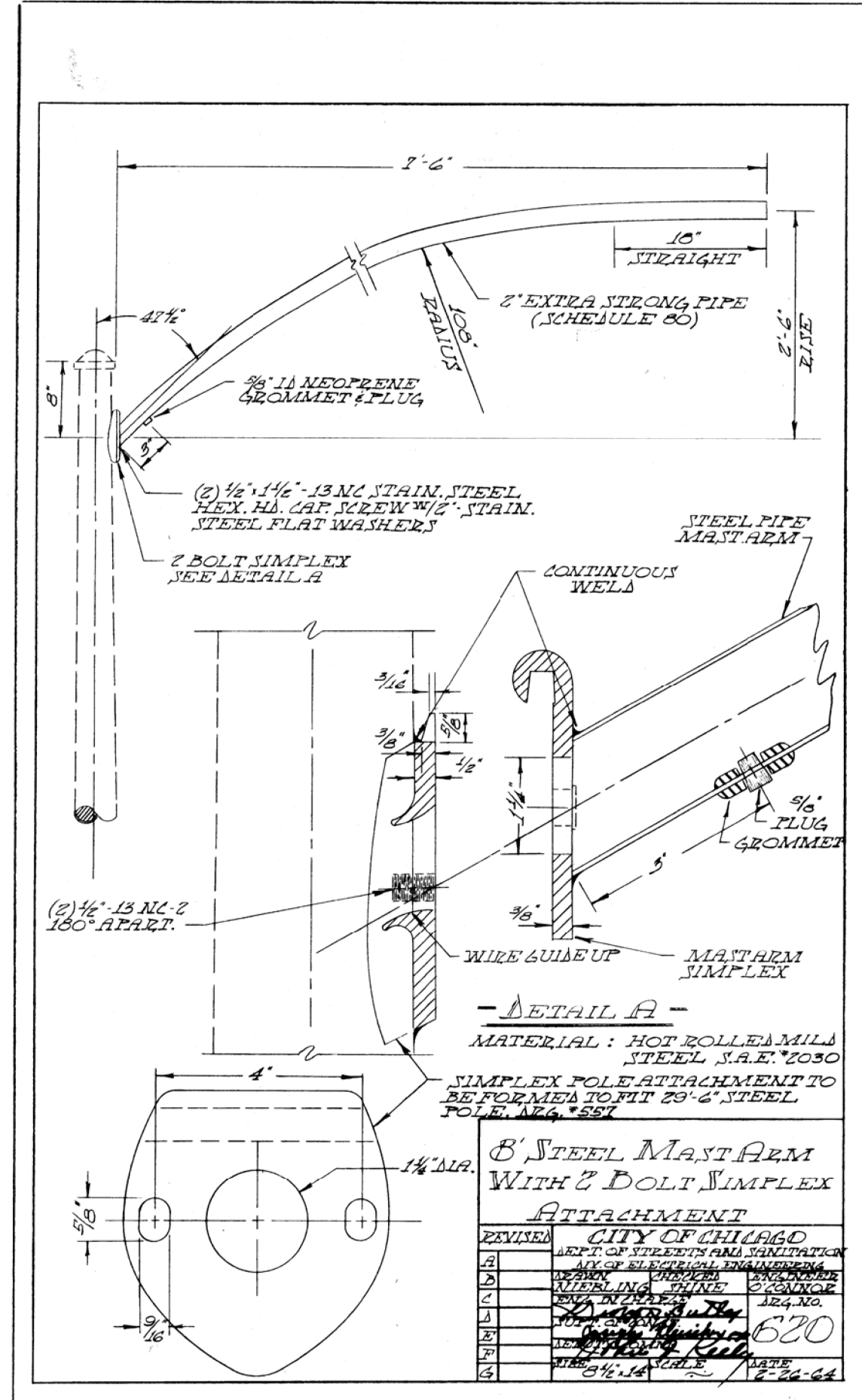
CONDUIT TRENCH

**NOTE**

EXCESS SOIL FROM TRENCH TO BE COMPLETELY REMOVED FROM SITE AS SOON AS PRACTICABLE.  
BLACK DIRT TO BE TAMPED & THOROUGHLY COMPACTED AS SHOWN.

STANDARD METHOD FOR BACKFILLING CABLE & CONDUIT TRENCHES IN SODDED PARKWAY & LAWNS

CITY OF CHICAGO			
DEPT. OF STREETS & SANITATION			
DIVISION OF ELECTRICAL ENGINEERING			
REVISION	DRAWN	CHECKED	ENGINEER
A	W. E. HAEP	M. J. HINE	J. O'CONNOR
B			
C	ENG. IN CHARGE		DRG. NO.
D	<i>Dr. J. D. Butley</i>		
E	SUPT. OF CONET.		579
F	DEPUTY COMM.		
G	<i>Robert J. Kelly</i>		
H	SIZE 8 1/2 x 14"	SCALE: 1/4"	DATE: 7-14-61



**DETAIL A**  
MATERIAL: HOT ROLLED MILLS STEEL S.A.E. #2030  
SIMPLEX POLE ATTACHMENT TO BE FORMED TO FIT 29'-6" STEEL POLE, N.G. #557

**B' STEEL MAST ARM WITH 2 BOLT SIMPLEX ATTACHMENT**

CITY OF CHICAGO			
DEPT. OF STREETS AND SANITATION			
DIV. OF ELECTRICAL ENGINEERING			
REVISION	DRAWN	CHECKED	ENGINEER
A	W. E. HAEP	M. J. HINE	J. O'CONNOR
B			
C	ENG. IN CHARGE		DRG. NO.
D	<i>Dr. J. D. Butley</i>		
E	SUPT. OF CONET.		620
F	DEPUTY COMM.		
G	<i>Robert J. Kelly</i>		
	SCALE: 3/8" = 1'	DATE: 8-24-64	

FILE NAME =  
#FILEL#

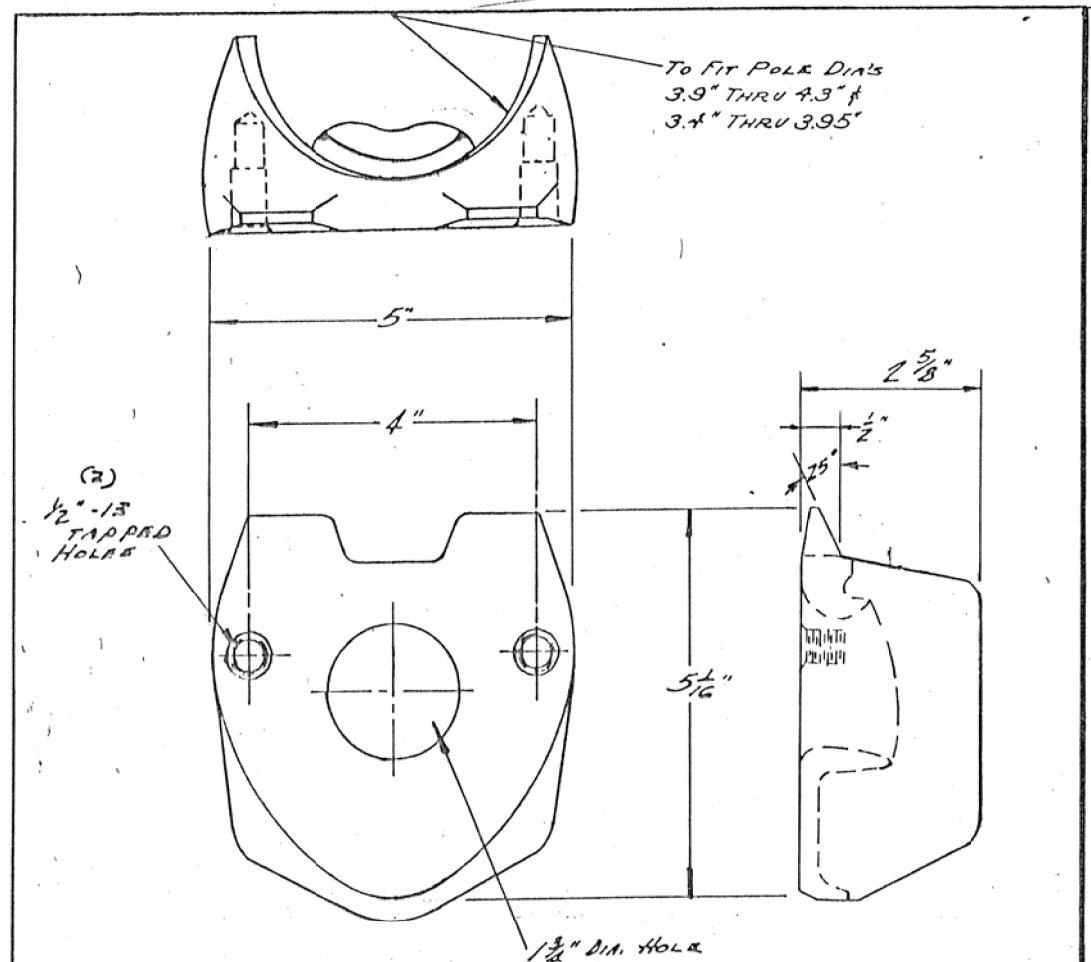
**GO** GANDHI AND ASSOCIATES, INC.  
ENGINEERS AND PLANNERS  
5015 N. NORTHWEST HIGHWAY  
SUITE 306  
CHICAGO, ILLINOIS 60630 TEL: (773) 774-590

USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = #SCALE#	DRAWN - AV, EA	REVISED -
PLOT DATE = #DATE#	CHECKED - SM	REVISED -
	DATE - 11/22/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

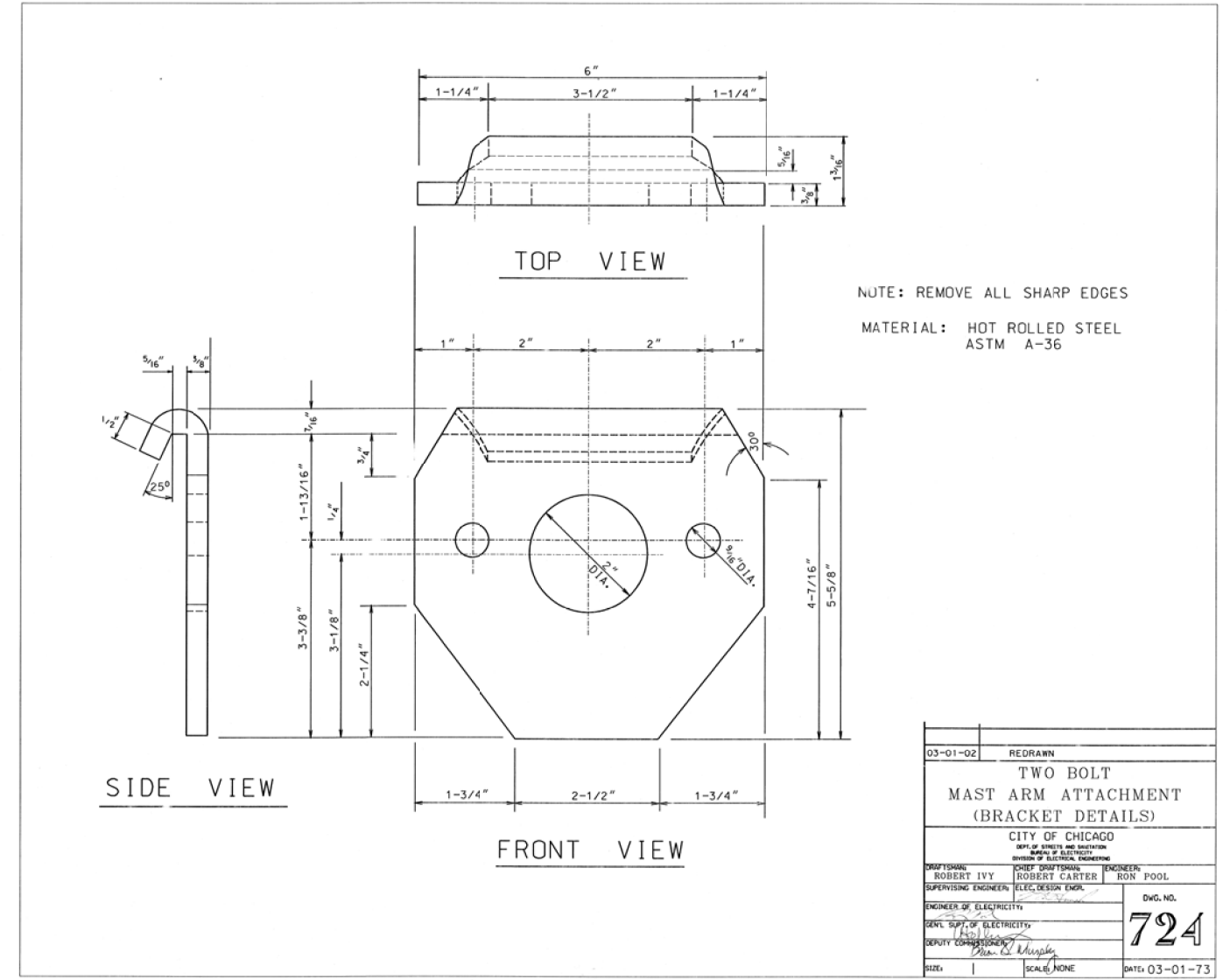
PULASKI RD AT 76TH ST		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CITY OF CHICAGO DETAILS		368	1919-N(16)	COOK	110	55
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 62D42		

FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT
-----------------------	----------	------------------



MATERIAL: CAST STEEL

A J.O.C. MATERIAL NOTE ADDED.			
2 BOLT MAST ARM ATTACHMENT POLE PLATE DETAILS			
<b>CITY OF CHICAGO</b> DEPT. OF STREETS AND SANITATION DIVISION OF ELECTRICAL ENGINEERING			
REVISED	5-27-76	DRAWN U. WAINFELD	CHECKED J. BORE
A			ENGINEER J. BORE
B			DRG. NO. 659
C			ENGR. IN CHARGE <i>[Signature]</i>
D			SUPT. OF CONST. <i>[Signature]</i>
E			DEPUTY COMM. <i>[Signature]</i>
F			
G			
SIZE 8 1/2" x 14"		SCALE	DATE 10-25-66



03-01-02	REDRAWN
TWO BOLT MAST ARM ATTACHMENT (BRACKET DETAILS)	
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION DIVISION OF ELECTRICAL ENGINEERING	
PROFESSIONAL ENGINEER ROBERT IVY	ENGINEER ROBERT CARTER
SUPERVISING ENGINEER ROBERT CARTER	ENGINEER RON POOL
ENGINEER OF ELECTRICITY <i>[Signature]</i>	DWG. NO. <b>724</b>
DEPT. Supt. OF ELECTRICITY <i>[Signature]</i>	DATE 03-01-73
DEPUTY COMMISSIONER <i>[Signature]</i>	
SIZE 1	SCALE NONE

FILE NAME =  
#FILEL#



USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = #SCALE#	DRAWN - AV, EA	REVISED -
PLOT DATE = #DATE#	CHECKED - SM	REVISED -
	DATE - 11/22/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

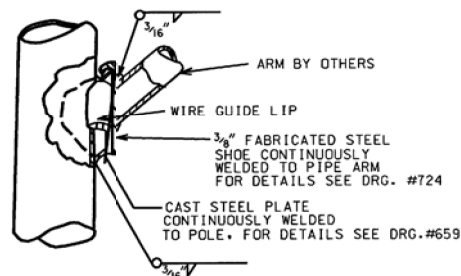
PULASKI RD AT 76TH ST  
CITY OF CHICAGO DETAILS

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

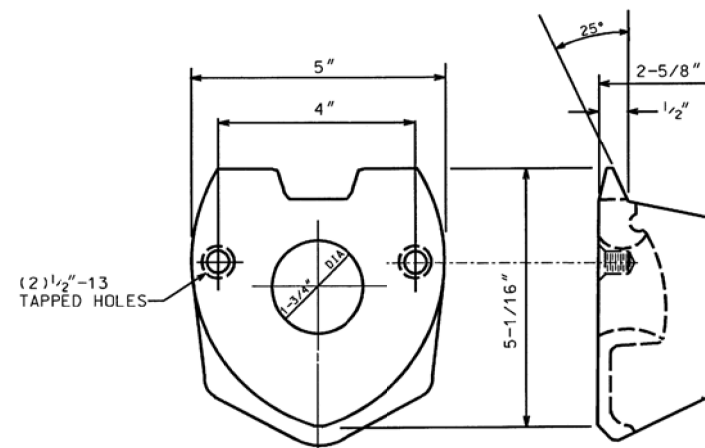
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	56
CONTRACT NO. 62D42				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



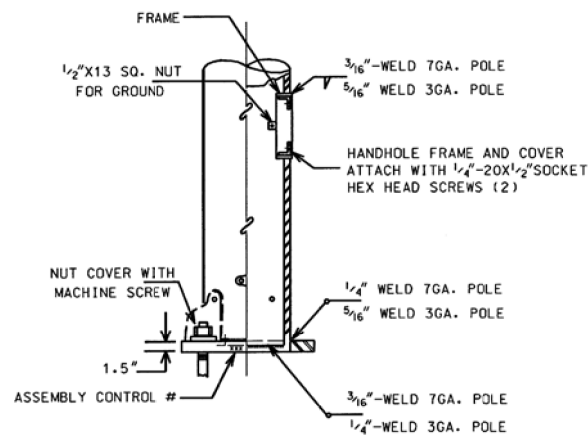
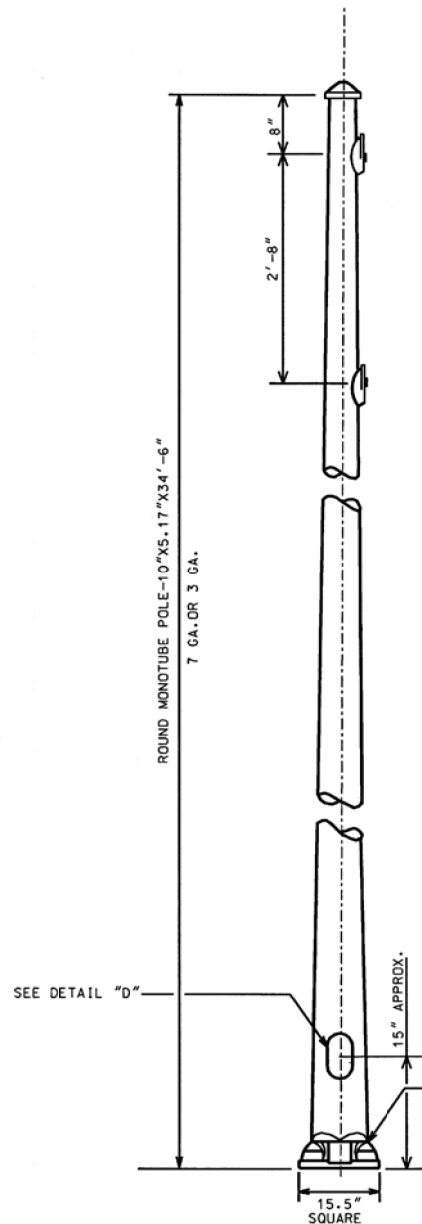
3/8"-16NCX1" LONG  
SET SCREWS (3@120°)  
**POLE CAP**  
FOR DETAILS SEE  
DRG.# 11420-A



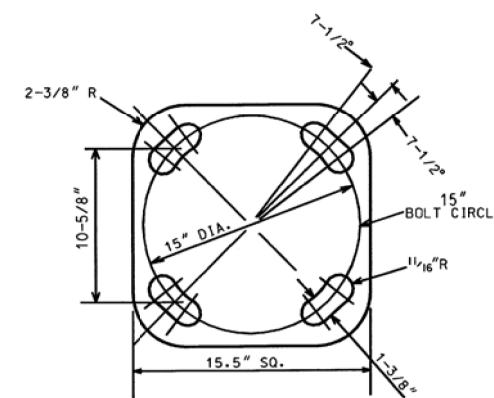
**SECTION AT POLE PLATE**



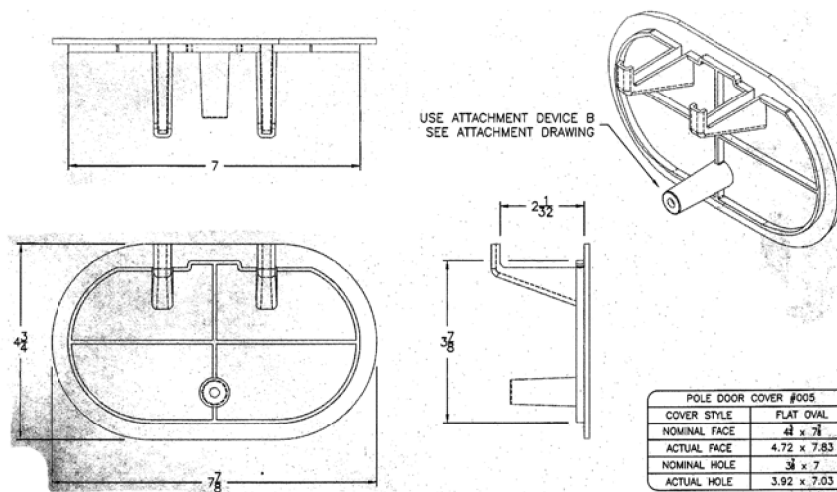
**2 BOLT MAST ARM ATTACHMENT**  
FOR DETAILS SEE DRG.# 659 MATERIAL: CAST STEEL



**DETAIL "D"**



**DETAIL "A"**  
BOLT SLOTS



**HANDHOLE DETAIL**

POLE DOOR COVER #005	
COVER STYLE	FLAT OVAL
NOMINAL FACE	4 1/2 x 7 1/8
ACTUAL FACE	4.72 x 7.83
NOMINAL HOLE	3 x 7
ACTUAL HOLE	3.92 x 7.03

5.17"x10.0" STEEL/34'-6" POLE 7 OR 3 GAUGE		
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAFTSMAN: <b>ROBERT IVY</b>	CHIEF DRAFTSMAN: <b>ROBERT CARTER</b>	ENGINEER: <b>RON POOL</b>
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR.	DWG. NO.
ENGINEER OF ELECTRICITY:		<b>808</b>
GEN'L SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		10-03-01

FILE NAME =  
#FILE#

**GO** GANDHI AND ASSOCIATES, INC.  
ENGINEERS AND PLANNERS  
5015 N. NORTHWEST HIGHWAY  
SUITE 300  
CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900

USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = #SCALE#	DRAWN - AV, EA	REVISED -
PLOT DATE = #DATE#	CHECKED - SM	REVISED -
	DATE - 11/22/2019	REVISED -

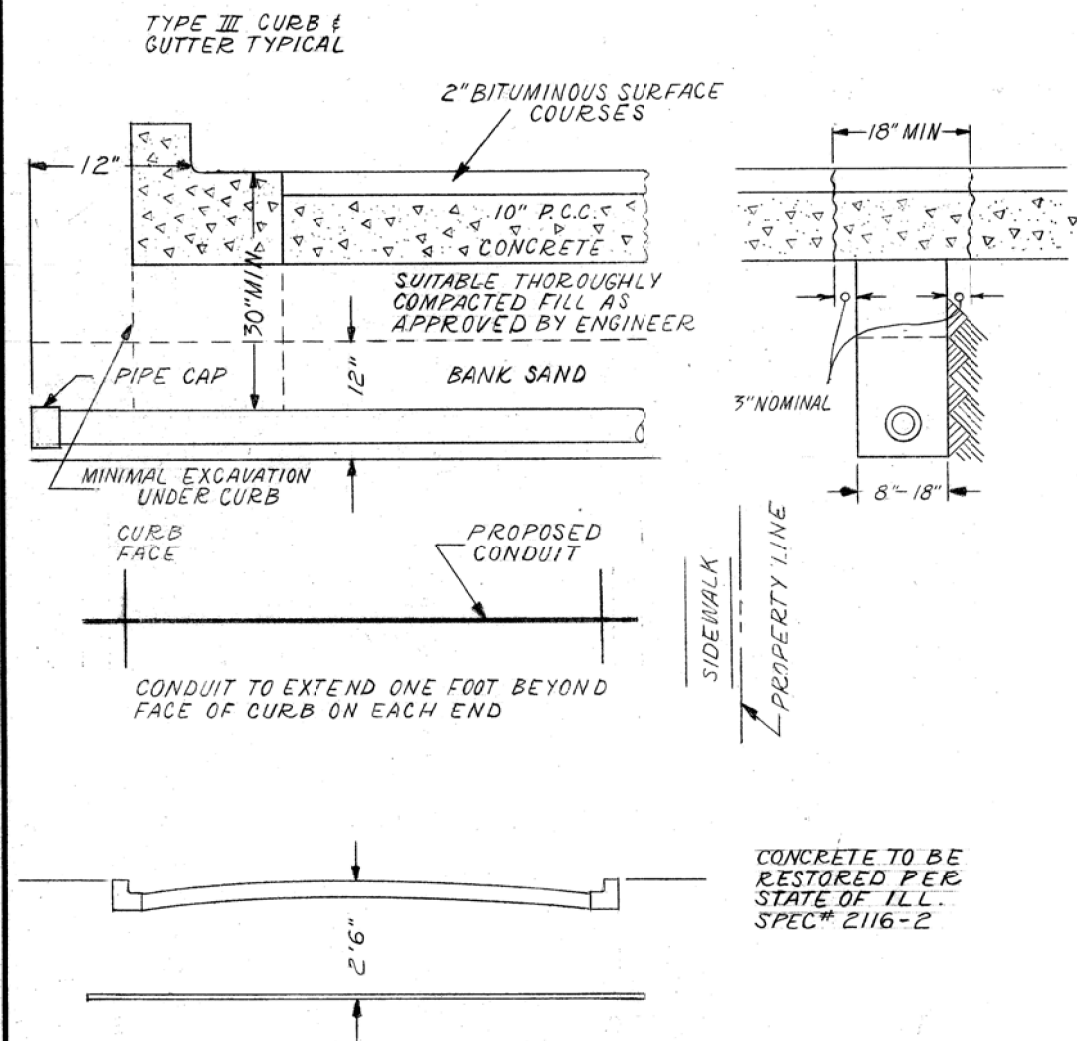
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PULASKI RD AT 76TH ST  
CITY OF CHICAGO DETAILS**

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

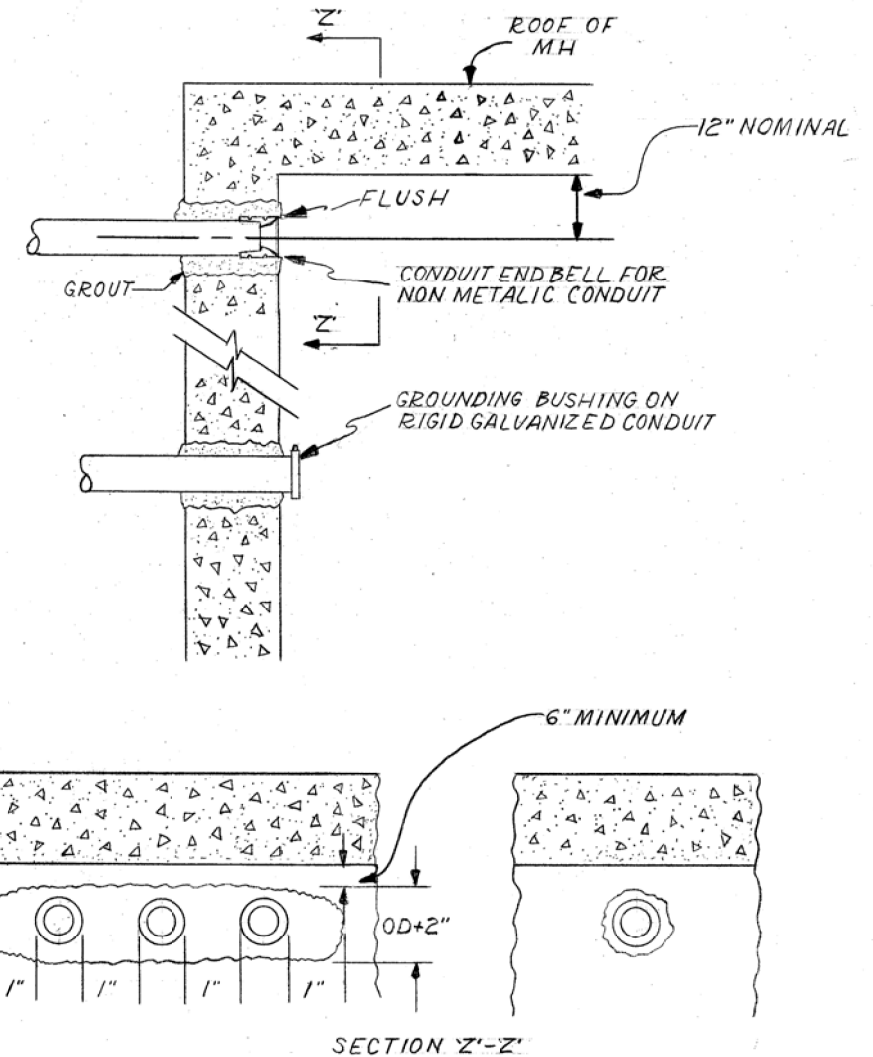
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	57
CONTRACT NO. 62D42				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONDUIT INSTALLATION UNDER PAVED STREET



INSTALLATION METHOD OF INSTALLING CONDUIT UNDER PAVED ROADWAY		
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
 ENGINEER OF ELECTRICITY		DRG. NO. <b>813</b>
 DEPT. CHIEF DEPUTY CHIEF		DATE 3-13-81
SIZE 8 1/2" X 14"	SCALE N.T.S.	

CONDUIT INSTALLATION THROUGH EXISTING  
MANHOLE OR HANDHOLE WALL



INSTALLATION METHOD OF INSTALLING CONDUIT THRU MANHOLE WALL		
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
 ENGINEER OF ELECTRICITY		DRG. NO. <b>814</b>
 DEPT. CHIEF DEPUTY CHIEF		DATE 3-13-81
SIZE 8 1/2" X 14"	SCALE N.T.S.	

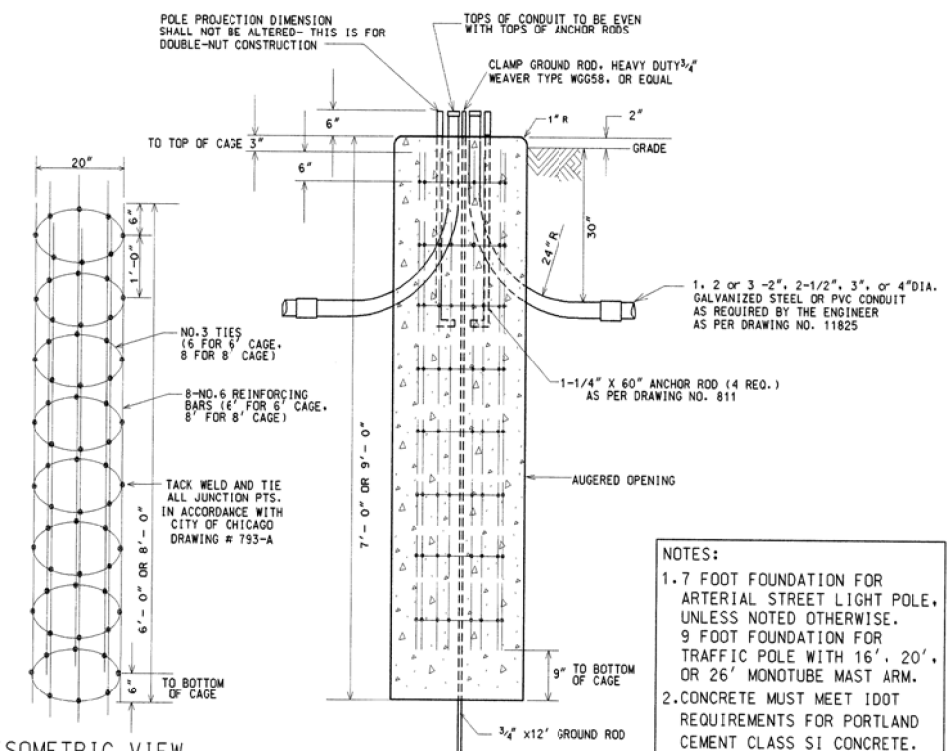
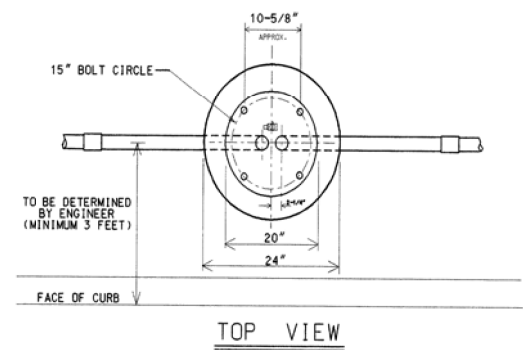
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PULASKI RD AT 76TH ST  
CITY OF CHICAGO DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	58
CONTRACT NO. 62D42				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = #SCALE#	DRAWN - AV, EA	REVISED -
PLOT DATE = #DATE#	CHECKED - SM	REVISED -
	DATE - 11/22/2019	REVISED -



ISOMETRIC VIEW OF STEEL CAGE

ELEVATION

NOTE: HOLE FOR FOUNDATION MUST BE AUGERED IN UNDISTURBED SOIL

- NOTES:
- 1.7 FOOT FOUNDATION FOR ARTERIAL STREET LIGHT POLE, UNLESS NOTED OTHERWISE. 9 FOOT FOUNDATION FOR TRAFFIC POLE WITH 16', 20', OR 26' MONOTUBE MAST ARM.
  - CONCRETE MUST MEET IDOT REQUIREMENTS FOR PORTLAND CEMENT CLASS S1 CONCRETE.
  - REINFORCING BARS MUST MEET ASTM A-615 GRADE 60.

CODE	COMMODITY	SIZE	QUANTITY
05-3267-2340	REDI-MIX CONCRETE	CU. YD.	0.82 OR 1.05
09-4001-	ELBOW, LARGE RADIUS	2", 2-1/2", 3", 4"	VARIES
37-8180-0200	ANCHOR ROD	1-1/4" X 60"	4
05-5054-6910	RE-BAR CAGE	20" X 6' (or 8')	1
09-7796-9200	GROUND ROD	3/4" X 12'-0"	1
09-2636-3240	GROUND ROD CLAMP	3/4"	1
09-2092-	GROUND BUSHING	2", 2-1/2", 3" OR 4"	VARIES

8/21/02 SUPERCEDES DWG #818 DRANN 4/21/81

DATE REVISION

FOUNDATION FOR 34'-6" ARTERIAL STREET LIGHT OR TRAFFIC SIGNAL POLE - 3 OR 7 GAUGE WITH 15" BOLT CIRCLE

CITY OF CHICAGO  
DEPT. OF STREETS AND SANITATION  
BUREAU OF ELECTRICITY  
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN: B. GARNSEY  
ELECTRICAL DESIGN ENGINEER

CHIEF DRAFTSMAN: B. GARNSEY  
ENGINEER

ENGINEER IN CHARGE: B. GARNSEY

GENERAL SUPERVISOR: B. GARNSEY

DEPUTY SUPERVISOR: B. GARNSEY

SIZE: 11" x 17" SCALE: NONE

818

**INSTALLATION NOTES**

- STEP 1 COAT EXPOSED PORTION OF ANCHOR BOLTS WITH APPROVED ANTI RUSTING GREASE ("NO-OS" OR EQUAL).
- STEP 2 INSTALL LOWER LEVELLING NUTS & WASHERS. SET AT PROPER GRADE WITH HAND LEVEL, USE TABLE FOR APPROPRIATE DIMENSIONS.
- STEP 3 MOUNT POLE OR PEDESTAL, ATTACH TOP WASHERS & NUTS HAND TIGHT.
- STEP 4 PLUMB POLE OR PEDESTAL AFTER ALL MASTARMS, STREET LIGHTS, TRAFFIC SIGNALS & OTHER APPURTENANCES ARE ATTACHED TO POLE & TIGHTEN ALL NUTS.
- STEP 5 ATTACH NUT COVERS WHERE REQUIRED.
- STEP 6 DO NOT GROUT IN SPACE BETWEEN BOTTOM OF POLE & TOP OF FOUNDATION. TOP OF FOUNDATION OR SURFACE OF SIDEWALK MUST BE LEFT CLEAN AND SMOOTH.
- STEP 7 POLE OR PEDESTAL IS TO BE PERFECTLY PLUMB, NO "RARE" IS TO BE LEFT.

**TABLE**

UNIT	ANCHOR BOLT SIZE					ALIGN. PED.
	1"	1 1/4"	1 1/2"	1 3/4"	2"	
A	7 ga.	3 ga.	7 ga.	3 ga.	7 ga.	3 ga.
	7 ga.	7 ga.	1 1/2"	1 1/2"	1 1/2"	7 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	3 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
B	7 ga.	3 ga.	7 ga.	3 ga.	7 ga.	3 ga.
	7 ga.	7 ga.	1 1/2"	1 1/2"	1 1/2"	7 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	3 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
C	7 ga.	3 ga.	7 ga.	3 ga.	7 ga.	3 ga.
	7 ga.	7 ga.	1 1/2"	1 1/2"	1 1/2"	7 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	3 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
D	7 ga.	3 ga.	7 ga.	3 ga.	7 ga.	3 ga.
	7 ga.	7 ga.	1 1/2"	1 1/2"	1 1/2"	7 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	3 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
E	7 ga.	3 ga.	7 ga.	3 ga.	7 ga.	3 ga.
	7 ga.	7 ga.	1 1/2"	1 1/2"	1 1/2"	7 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.
	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	3 ga.
	1"	1"	1 1/4"	1 1/4"	1 1/2"	3 ga.

CONSTRUCTION METHOD FOR "DOUBLE-NUT" INSTALLATION OF POLES AND PEDESTALS

CITY OF CHICAGO  
DEPT. OF STREETS AND SANITATION  
BUREAU OF ELECTRICITY  
DIVISION OF ELECTRICAL ENGINEERING

ENGINEER: B. GARNSEY

837

FILE NAME = #FILE#

GANDHI AND ASSOCIATES, INC.  
ENGINEERS AND PLANNERS  
605 N. NORTHWEST HIGHWAY  
SUITE 300  
CHICAGO, ILLINOIS 60631 TEL: 773/774-5990

USER NAME = #USER#	DESIGNED - SM	REVISED -
PLOT SCALE = #SCALE#	DRAWN - AV, EA	REVISED -
PLOT DATE = #DATE#	CHECKED - SM	REVISED -
	DATE - 11/22/2019	REVISED -

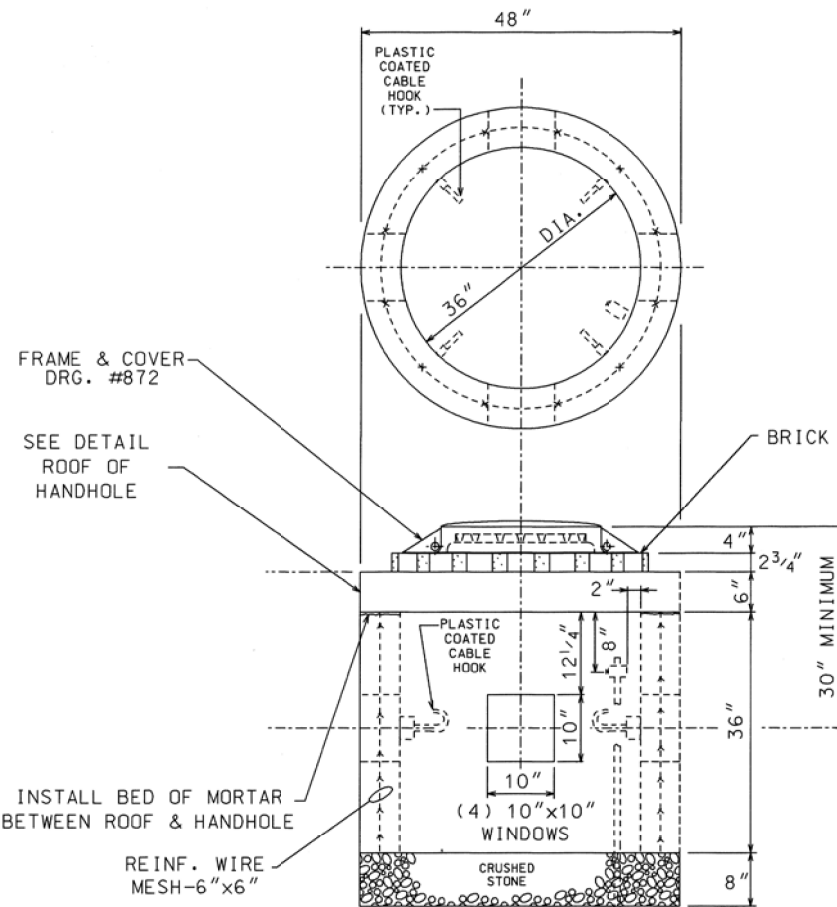
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PULASKI RD AT 76TH ST  
CITY OF CHICAGO DETAILS

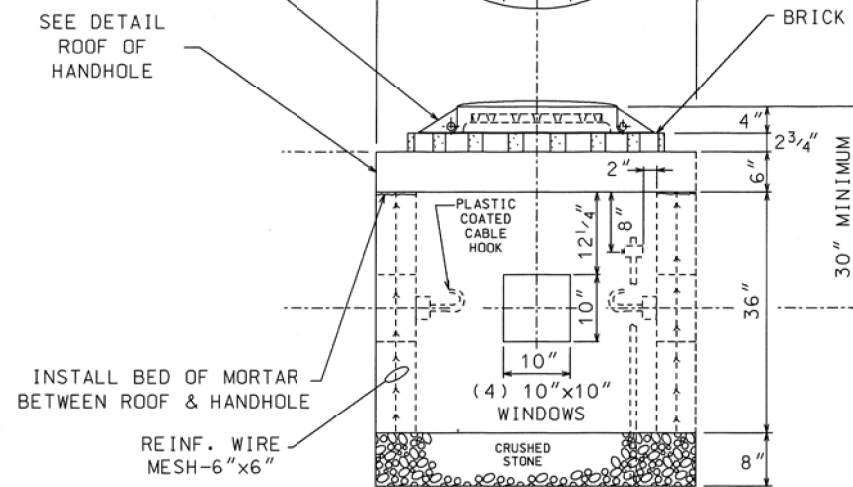
SCALE: 1/4" = 1'-0"  
SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	59
CONTRACT NO. 62D42				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TOP VIEW  
FRAME, COVER & TOP  
OF HANDHOLE REMOVED



SIDE  
ELEVATION

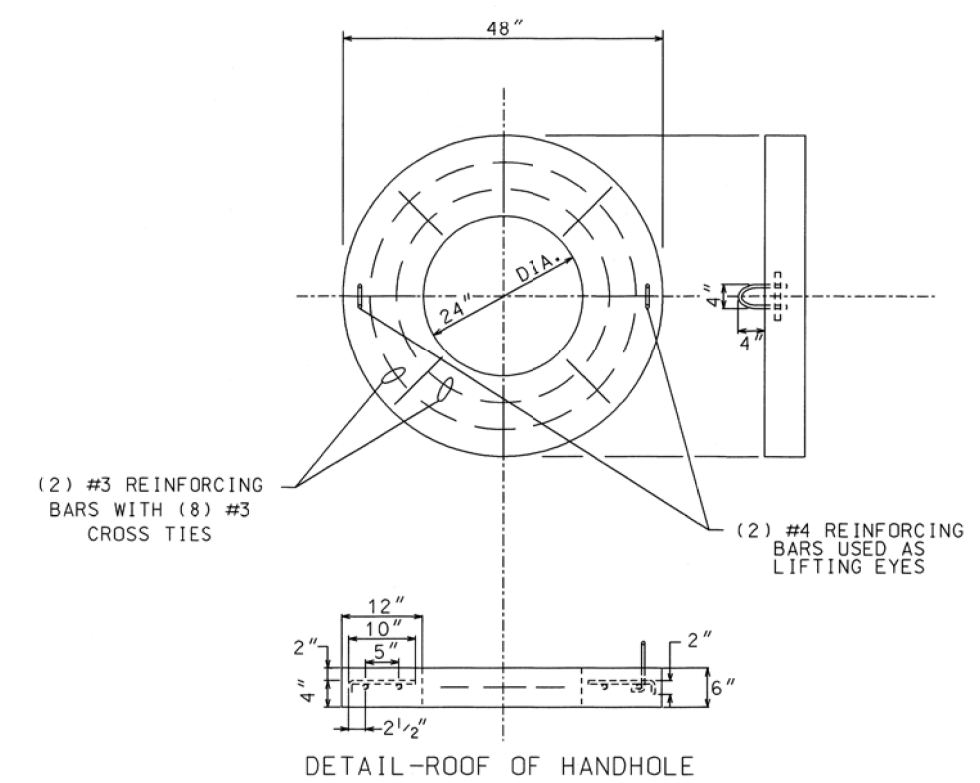


COMPLETE COMMODITY CODE NO. 05-6610-5310M			
CODE NO.	MATERIALS	SIZE	QUAN.
(1) 05-6610-5312	PRE-CAST HANDHOLE	36" X 36"	
(2) 05-6610-5312	PRE-CAST ROOF	SEE DETAIL	1
05-9075-5470	STONE 3/4" CRUSHED SCREENINGS	BAG	5
05-1452-9720	BRICK		24
02-4299-5524	FRAME, MANHOLE	24"	1
02-4574-5624	COVER, MANHOLE	24"	1
09-7796-9312	GROUND ROD	3/4" x 12'	1
09-2636-3240	GROUND CLAMP		1
(3) 05-5082-5330	SONO TUBE	36"	1
(3) 05-5082-5342	SONO TUBE	48"	1
(3) 05-3267-2940	CONC. REDI-MIX	CU. YD.	3/4
(3) 20-5472-9630	REINFORCING BAR	#3 (3/8")	20'
(3) 20-5472-9630	REINFORCING BAR	#3 (3/8")	8'
(3) 20-5472-9640	REINFORCING BAR	#4 (1/2")	4'
(3) 57-0770-0000	(MESH (6" X 6"))	36" X 11'	1

- (1) PRE-CAST HANDHOLE SHALL INCLUDE CABLE HOOKS AND CONDUIT KNOCK-OUTS.
- (2) PRE-CAST ROOF SHALL INCLUDE LIFTING EYES.
- (3) THESE ITEMS ARE FOR POURED-IN-PLACE HANDHOLES ONLY.

**CONSTRUCTION NOTES:**

- 1 - 8" BED OF STONE FOR DRAINAGE.
- 2 - ALL METALLIC CONDUIT(S) ENTERING HANDHOLE SHALL EXTEND MIN. 1" & MAX. OF 3" INSIDE INNER WALL & BE EQUIPPED WITH AN APPROVED TYPE THREADED GROUNDING BUSHING.



DETAIL-ROOF OF HANDHOLE

DATE	REVISION	
B 01-23-96	ADDED CABLE HOOKS PER COMMISSIONER MURPHY	(RC/RD)
A	REDRAW (CAD.)	MP.

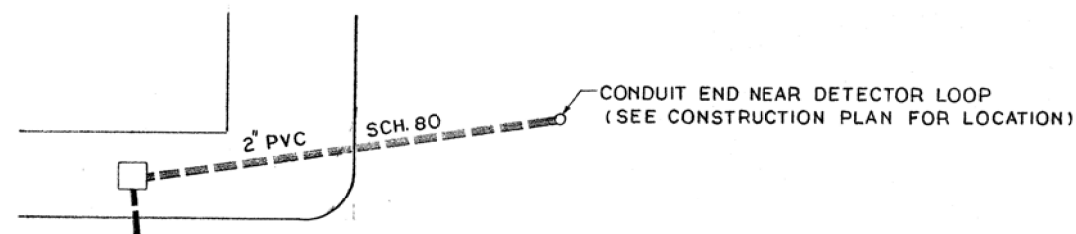
**36" DIA. HEAVY DUTY  
CONCRETE HANDHOLE  
WITH 24" FRAME &  
COVER**

**CITY OF CHICAGO**  
DEPT. OF STREETS AND SANITATION  
BUREAU OF ELECTRICITY  
DIVISION OF ELECTRICAL ENGINEERING

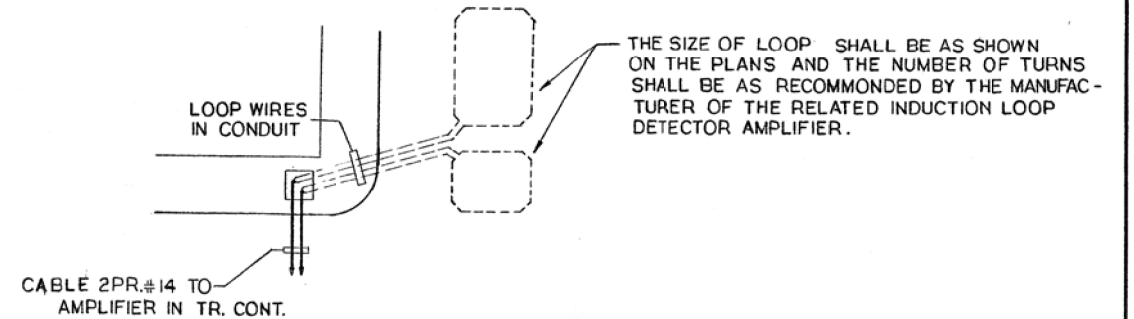
DRAFTSMAN: M. PATTON	CHIEF DRAFTSMAN: B. CARTER	ENGINEER: W. TROMPKA
SUPERVISING ENGINEER: ELEC. DESIGN ENGR.	ENGINEER: M. DEBARTOLO	
ENGINEER OF ELECTRICITY:	DWG. NO. <b>866</b>	
GEN'L. SUPV. OF ELECTRICITY:	DEPT. COMMISSIONER:	
DEPUTY COMMISSIONER:	DATE: 1-12-96	

SIZE: 17" x 22" SCALE: NONE



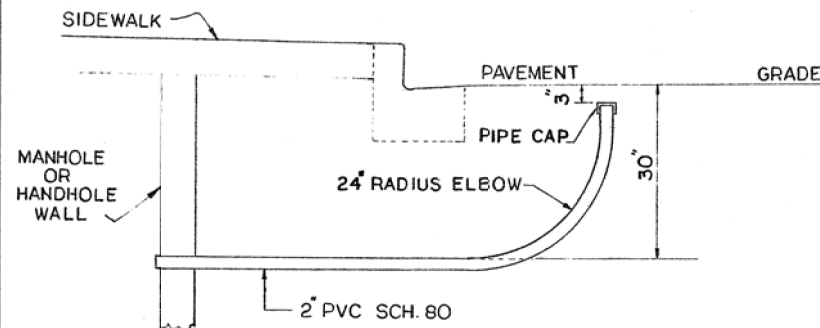


TYPICAL LAYOUT OF CONDUIT LEAD UP TO NEAR VEHICLE DETECTOR LOOPS



LOOP WIRE INSTALLATION NOTES

- THE SAW CUT (1/4" WIDE) SHALL BE CONTINUOUS FROM EDGE OF THE DETECTOR LOOP TO AND THROUGH ONE SIDE OF THE PVC ELBOW.
- AFTER THE LOOP WIRE AND RETAINERS ARE INSTALLED THE SAW CUT THROUGH THE SIDE OF THE PIPE ELBOW BE PLUGGED WITH A PLIABLE PUTTY TO PREVENT THE ENTRANCE OF THE LIQUID EPOXY LOOP SEALER.
- THE LOOP WIRE TO BE SPLICED TO SHIELDED LEAD CABLE IN H.H. OR M.H. IN ACCORDANCE WITH PROCEDURE EXPLAINED IN SPECIAL PROVISION FOR DETECTOR LOOP'S CONSTRUCTION SPECIFICATIONS.

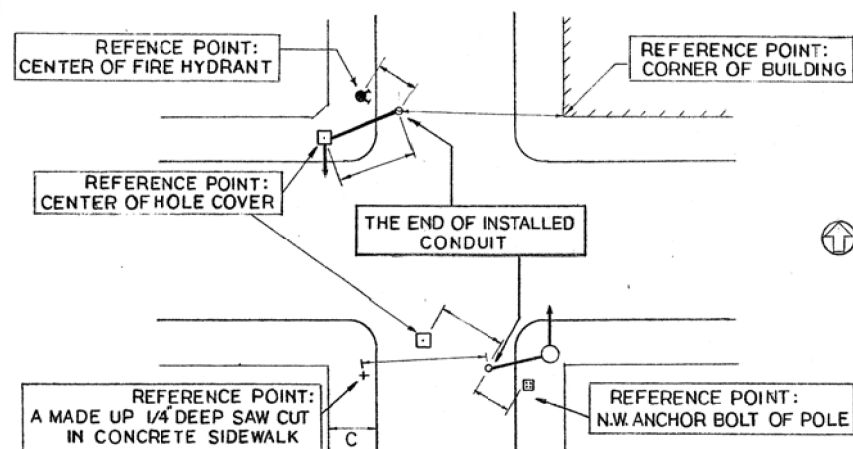


TYPICAL SECTION ALONG CONDUIT LEAD UP TO NEAR VEHICLE DETECTOR LOOPS

THE CONDUIT INSTALLATION NOTES

- INSTALL 2" PVC (SCH 80) CONDUIT 30" BELOW GRADE FROM MH/HH TO NEAR THE LOCATION OF END OF THE CONDUIT LEAD AS SHOWN ON PLAN.
- INSTALL (24" RADIUS) ELBOW AT END OF THE CONDUIT AS SHOWN, KEEP END OF THE ELBOW ABOUT 3" BELOW GRADE AND INSTALL PIPE CAP ON IT.
- FOREMAN TO TAKE EXACT MEASUREMENTS FROM CENTER OF THE PIPE CAP TO THREE REFERENCE POINTS. (LIKE - CORNER OF BUILDING, CENTER OF FIRE HYDRANT, CENTER OF MANHOLE COVER ETC.) AS ILLUSTRATED BELOW OR CALL ENGINEER.

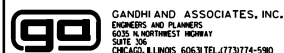
ILLUSTRATION OF TAKING MEASUREMENTS LOCATING THE CONDUIT END



- THE END OF CONDUIT WILL BE 3" BELOW PAVEMENT SURFACE. THEREFORE TO ACCURATELY LOCATE THE HIDDEN END OF CONDUIT...
- PRIOR COVERING UP THE CAP OF CONDUIT END, SELECT THREE REFERENCE POINTS IN DIFFERENT DIRECTIONS AROUND THE CONDUIT END.
  - MEASURE EXACT DISTANCES BETWEEN CENTER OF THE CONDUIT END AND THE REFERENCE POINTS.
  - SUBMIT A SKETCH SHOWING THE MEASUREMENTS TO OFFICE FOR RECORD.

DATE		REVISION	
<b>INSTALLATION OF 2" PVC CONDUIT UP TO THE VEHICLE DETECTOR LOOP</b>			
<b>CITY OF CHICAGO</b> DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING			
DRAFTSMAN: MOHAMMED AHMED	CHIEF DRAFTSMAN:	ENGINEER: MOHAMMED AHMED	DWG. NO. 905
SUPERVISING ENGINEER:			DATE: 2 29 96
ENGINEER OF ELECTRICITY:			
S.U.P.T. OF CONSTRUCTION:			
DEPUTY COMMISSIONER:			
SIZE: 16"   22"	SCALE: NONE		

FILE NAME = #FILE#



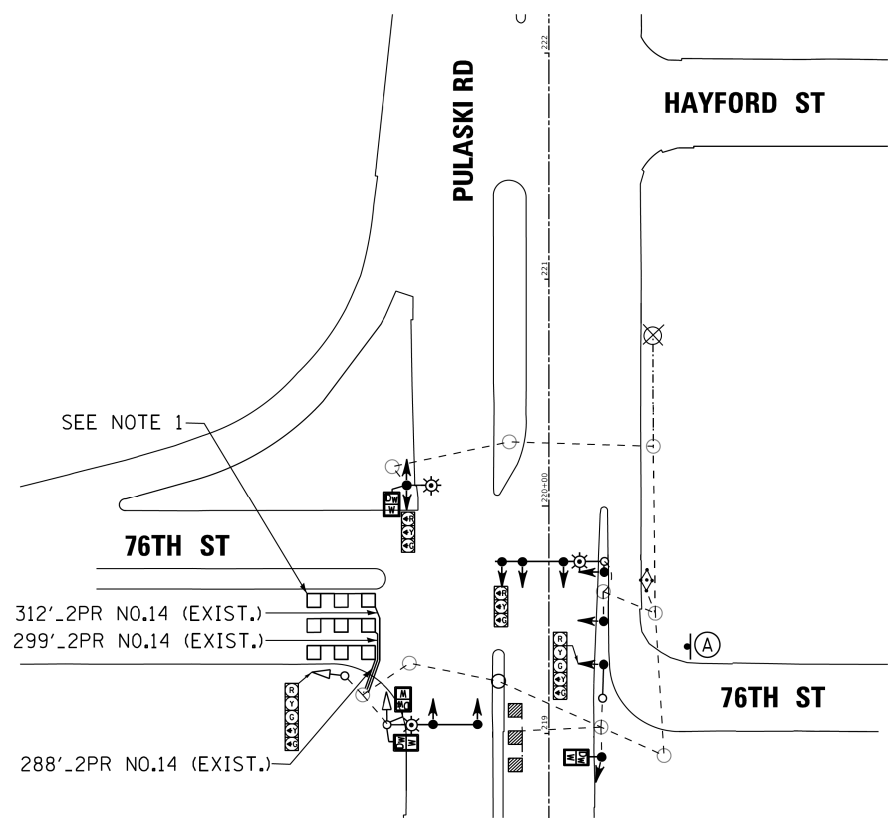
USER NAME = #USER#	DESIGNED - SM	REVISED -
DRAWN - AV, EA	REVISIONS -	
PLOT SCALE = #SCALE#	CHECKED - SM	REVISED -
PLOT DATE = #DATE#	DATE - 11/22/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

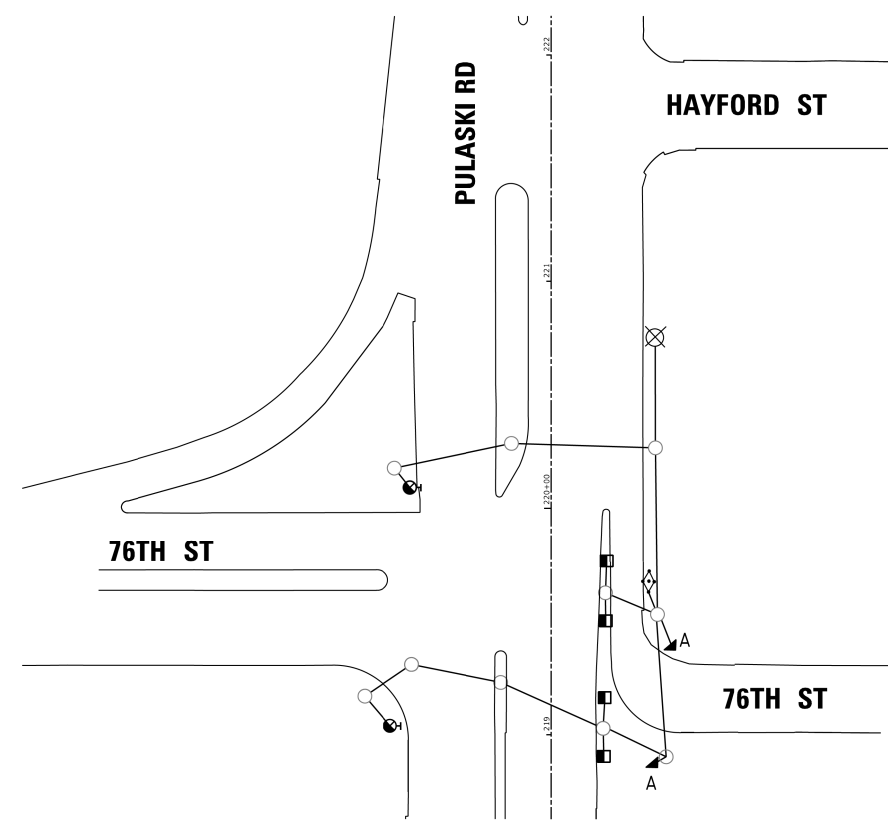
PULASKI RD AT 76TH ST  
CITY OF CHICAGO DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	61
CONTRACT NO. 62D42				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**SIGNAL & CABLE PLAN**  
NOT TO SCALE



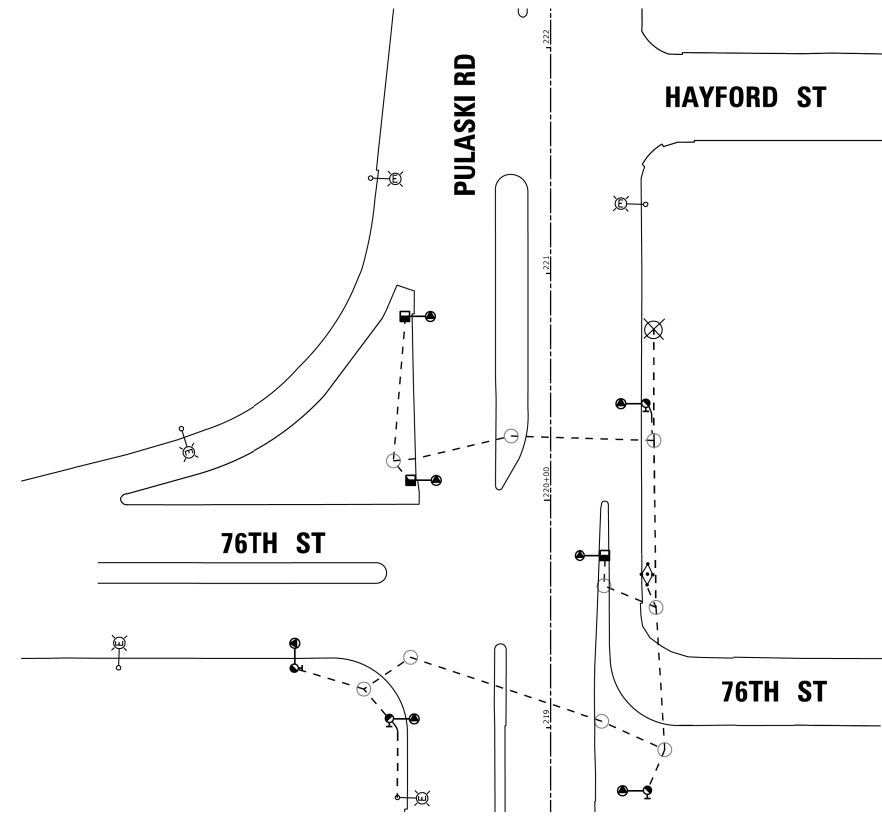
**FOUNDATION REMOVAL PLAN**  
NOT TO SCALE



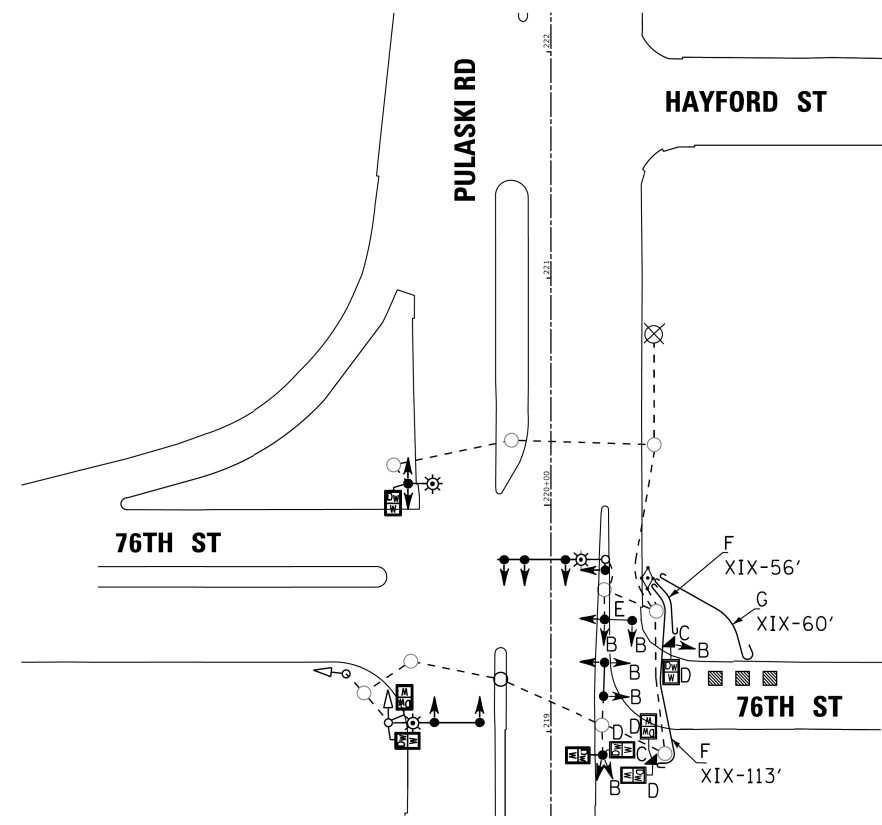
**NOTE:**  
1. SAW CUT THE PAVEMENT AND INSTALL DETECTOR LOOP IN THE SAW CUT, SEAL THE CUT AND CONNECT THE LOOP WIRE TO LEAD-IN-CABLE.

**REMOVAL NOTES:**

- A. - FOUNDATION REMOVAL
- B. - REMOVE TRAFFIC SIGNAL HEAD.
- C. - REMOVE TRAFFIC SIGNAL POST.
- D. - REMOVE PEDESTRIAN SIGNAL HEAD.
- E. - REMOVE 16' MONO TUBE.
- F. REMOVE 19/C TRAFFIC CABLE
- G. REMOVE 60' -2PR NO.14 FROM TRAFFIC CONTROLLER TO DETECTOR LOOP.



**STREET LIGHT INSTALLATION PLAN**  
NOT TO SCALE

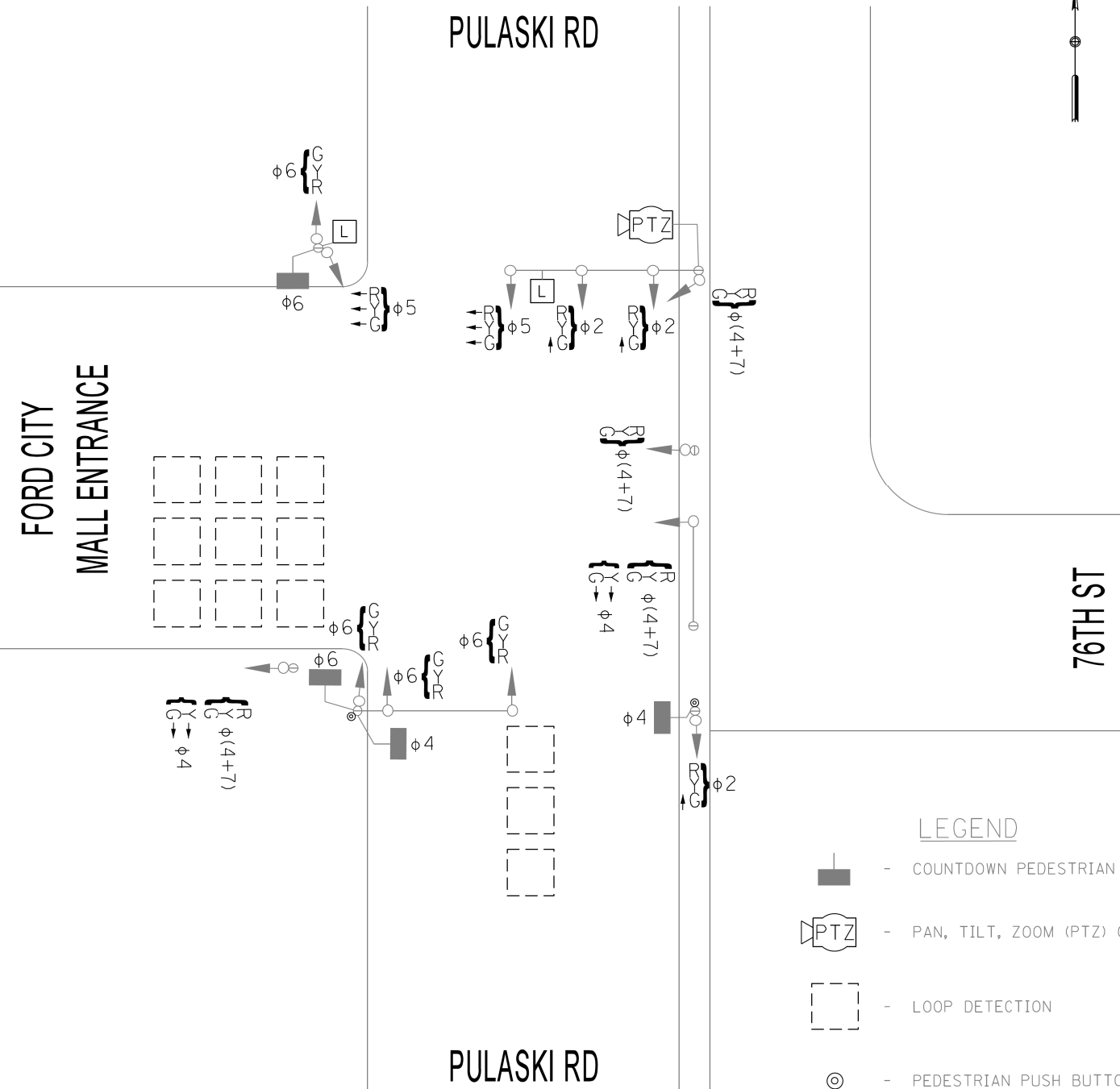


**SIGNAL & CABLE REMOVAL PLAN**  
NOT TO SCALE

NO.	BY	DATE	DESCRIPTION
REVISIONS			
CONSULTANT:			
<b>GANDHI AND ASSOCIATES, INC.</b> <small>ENGINEERS AND PLANNERS          6025 N. NORTHWEST HWY          CHICAGO, ILLINOIS 60631 TEL: 773/774-590</small>			
<b>TRAFFIC CONTROL SIGNALS</b> <b>PULASKI RD &amp; 76th ST</b>			
<b>CITY OF CHICAGO</b>			
DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING			
DRAWN: AV, EA			SHEET NO.
CHECKED: SM			
APPROVED: PKG			
DATE: 11/22/2019			
SCALE: AS SHOWN			
CONTRACT NO.			PROJECT NO. XXXX



DIAL	CYCLE LENGTH	OFFSET	TIMES OF OPERATION	FLASH OPERATION
1	100"	70"	ALL OTHER TIMES	R02, R05, R06, R0 (4+7)
2	110"	94"	6:00AM - 10:00AM, MONDAY - FRIDAY	WALK/DON'T WALK OFF
3	100"	70"	3:00PM - 7:00PM, MONDAY - FRIDAY	



- LEGEND**
- COUNTDOWN PEDESTRIAN SIGNAL
  - PAN, TILT, ZOOM (PTZ) CAMERA
  - LOOP DETECTION
  - PEDESTRIAN PUSH BUTTON
  - ILLUMINATED SIGN "LEFT TURN SIGNAL"

### DIAL 1

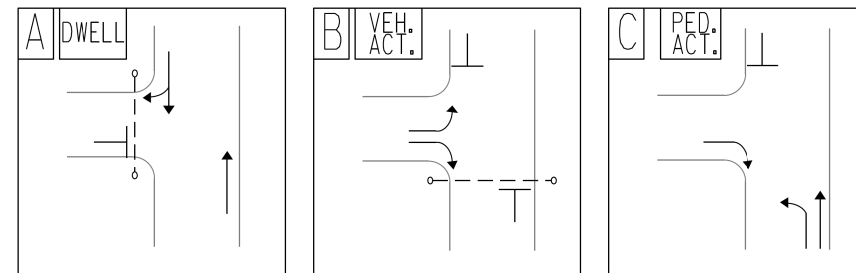
PHASE NUMBER	PHASE							
	1	2	3	4	5	6	7	8
DIRECTION	SBLT	NB	WBLT	EB	NBLT	SB	EBLT	WB
MINIMUM GREEN		28		10	6	28		
VEHICLE EXTENSION				8	5			
MAX GREEN (MAX 1)		VAR.		26	16	VAR.		
YELLOW CHANGE		3		3	3	3		
RED CLEARANCE		1		1		1		
WALK		VAR.		7		VAR.		
PED CLEARANCE		19		19		19		
SPLITS		51		30	19	51		
COORDINATED PHASE		X				X		

### DIAL 2

PHASE NUMBER	PHASE							
	1	2	3	4	5	6	7	8
DIRECTION	SBLT	NB	WBLT	EB	NBLT	SB	EBLT	WB
MINIMUM GREEN		45		10	5	45		
VEHICLE EXTENSION				8	4			
MAX GREEN (MAX 1)		VAR.		26	9	VAR.		
YELLOW CHANGE		3		3	3	3		
RED CLEARANCE		1		1		1		
WALK		VAR.		7		VAR.		
PED CLEARANCE		19		19		19		
SPLITS		68		30	12	68		
COORDINATED PHASE		X				X		

### DIAL 3

PHASE NUMBER	PHASE							
	1	2	3	4	5	6	7	8
DIRECTION	SBLT	NB	WBLT	EB	NBLT	SB	EBLT	WB
MINIMUM GREEN		35		10	5	35		
VEHICLE EXTENSION				8	4			
MAX GREEN (MAX 1)		VAR.		26	9	VAR.		
YELLOW CHANGE		3		3	3	3		
RED CLEARANCE		1		1		1		
WALK		VAR.		7		VAR.		
PED CLEARANCE		19		19		19		
SPLITS		58		30	12	58		
COORDINATED PHASE		X				X		



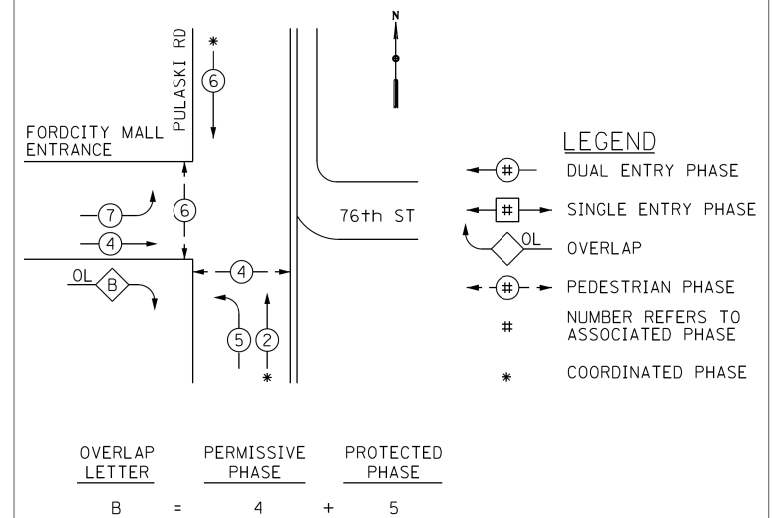
## PULASKI RD & 76TH ST

### TRAFFIC SIGNAL TIMING SCHEDULE

DESIGNED BY: EA	APPROVED: _____ TRAFFIC ENGINEER:	PAGE 1 OF 1
DATE: 11/15/2019		
CHECKED BY: PKG		
DATE: 11/22/2019		

SENT: \_\_\_\_\_ INSTALLED: \_\_\_\_\_  
4000 W. / 7600 S.

### CONTROLLER SEQUENCE



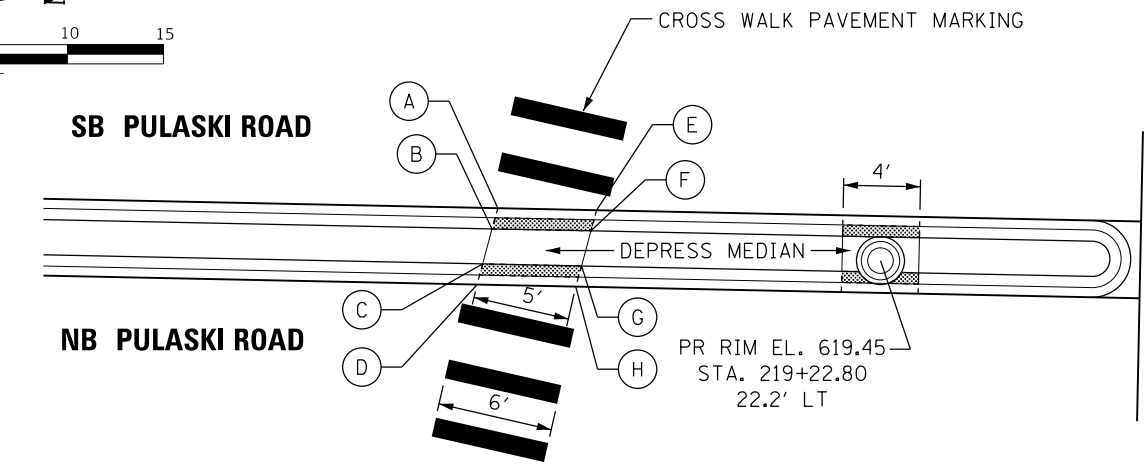
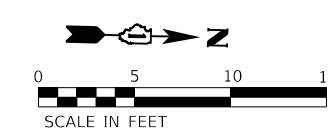
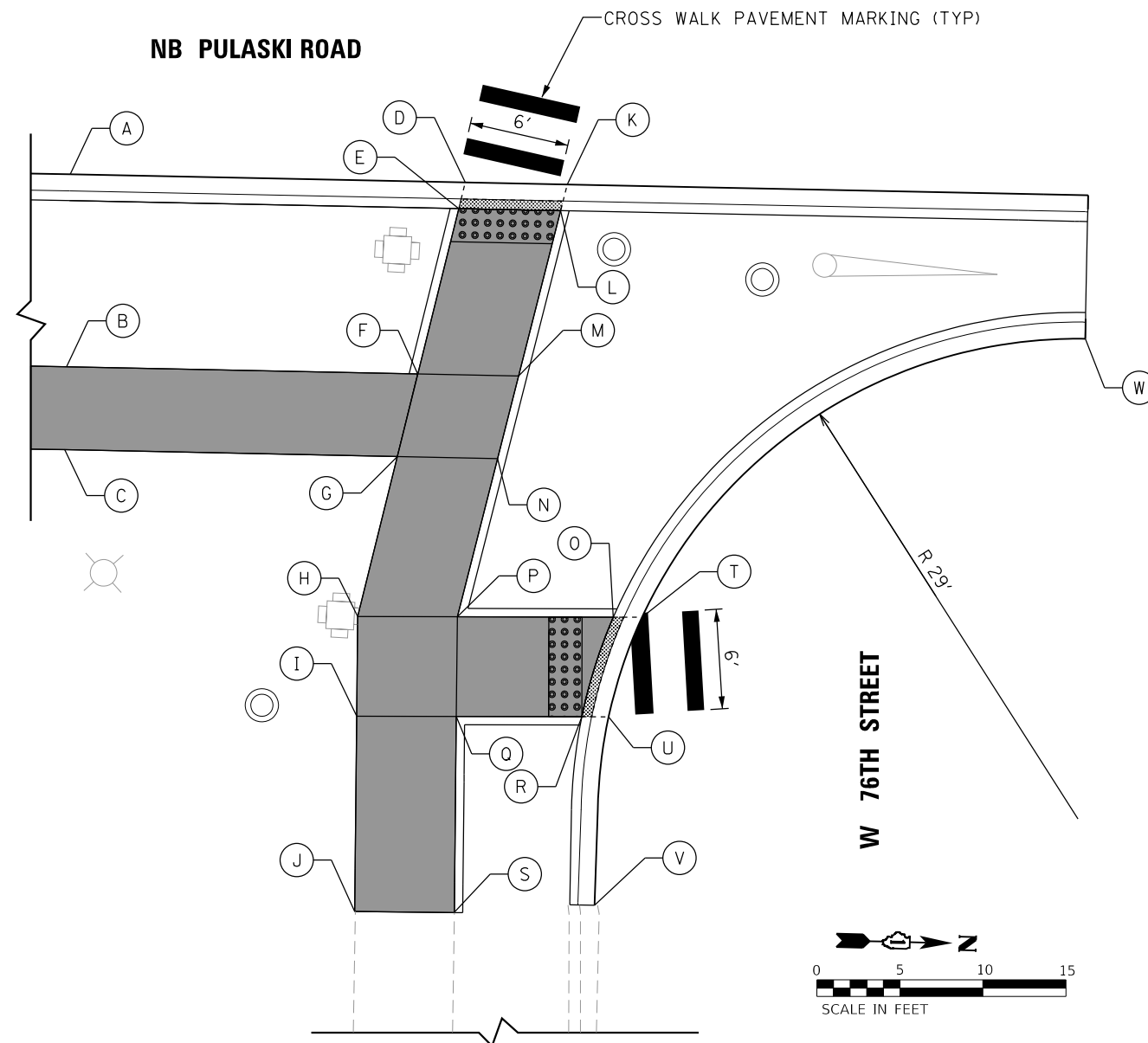
NOTES:  
ALL PEDESTRIAN SIGNALS ARE OF THE COUNTDOWN TYPE.



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	218+70.00	19.00' RT	619.10	M	218+97.23	30.58' RT	619.27
B	218+70.02	30.58' RT	619.54	N	218+96.07	35.58' RT	619.36
C	218+70.02	35.58' RT	619.54	O	219+03.23	44.98' RT	618.36
D	218+93.78	19.00' RT	619.13	P	218+93.85	45.15' RT	618.56
E	218+93.42	20.58' RT	619.19	Q	218+93.91	51.15' RT	618.50
F	218+91.16	30.58' RT	619.33	R	219+01.46	51.01' RT	618.26
G	218+90.03	35.58' RT	619.42	S	218+94.04	62.93' RT	(618.60)
H	218+87.85	45.26' RT	618.60	T	219+04.96	44.95' RT	618.30
I	218+87.91	51.26' RT	618.60	U	219+03.07	50.98' RT	618.20
J	218+88.03	63.02' RT	(618.70)	V	219+02.45	62.34' RT	618.06
K	218+99.92	19.00' RT	619.14	W	219+31.28	27.64' RT	618.80
L	218+99.55	20.58' RT	619.20				

SEGMENT	LENGTH (FT)	SLOPE (%)	SEGMENT	LENGTH (FT)	SLOPE (%)
B-C	5.00	0.00%	N-P	9.82	8.15%
B-F	21.15	1.00%	H-P	6.00	0.67%
C-G	20.02	0.60%	P-Q	6.00	1.00%
F-E	10.25	1.37%	P-O	9.39	2.13%
F-M	6.07	1.00%	Q-R	7.55	3.18%
G-F	5.13	1.75%	I-Q	6.00	1.67%
G-N	6.04	1.00%	S-Q	11.77	0.85%
G-H	9.92	8.27%	H-I	6.00	0.00%
L-E	6.13	0.16%	J-I	11.75	0.85%
M-L	10.27	0.68%	*O-R	6.30	1.59%
N-M	5.13	1.75%			

\* = ARC LENGTH



SEGMENT	LENGTH (FT)	SLOPE (%)
B-A	1.12	6.25%
A-E	5.15	0.19%
C-B	1.89	6.35%
B-F	5.15	0.39%
D-C	1.12	6.25%
C-G	5.15	0.78%
D-H	5.15	0.97%
H-G	1.12	5.36%
G-F	1.89	5.29%
F-E	1.12	5.36%

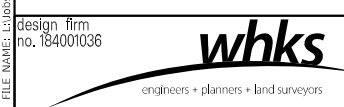
\* = ARC LENGTH

	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	219+03.00	24.51' LT	619.37	E	219+08.15	24.51' LT	619.36
B	219+02.73	23.43' LT	619.44	F	219+07.88	23.43' LT	619.42
C	219+02.27	21.60' LT	619.56	G	219+07.42	21.60' LT	619.52
D	219+02.00	20.51' LT	619.63	H	219+07.15	20.51' LT	619.58

### LEGEND

- DEPRESS CURB
- PROPOSED SIDEWALK
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS

MODEL: Default FILE NAME: \\sbs\dot\DOT\_D-18793\_PTB\_189-010\_VV8793.02\_Pulaski\_Road\CADD\CAD\_Sheets\18793-02\_Pulaski\_Road\CADD\CAD\_Campus10.dgn



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 10.00' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSJ	REVISED
	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

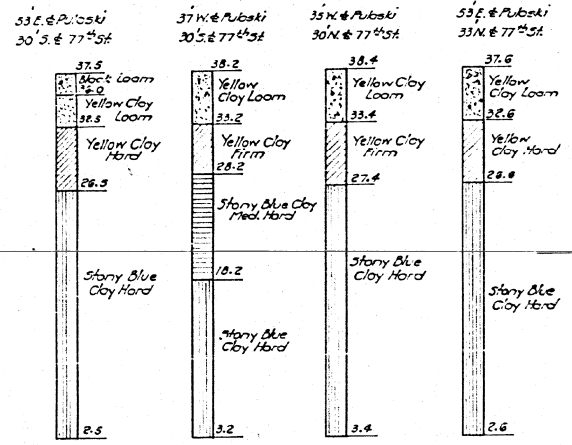
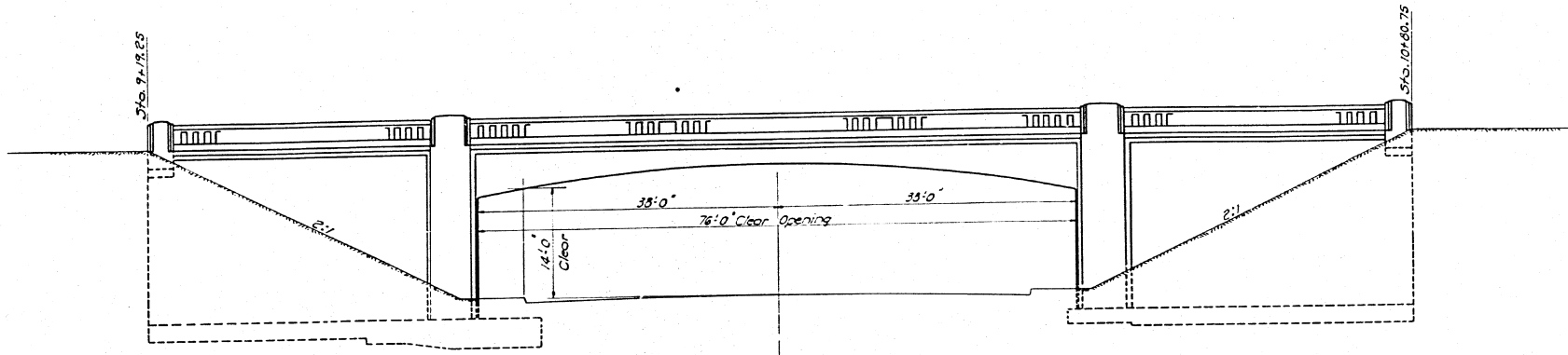
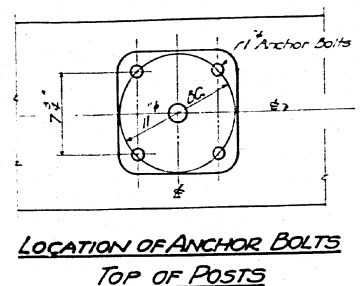
SIDEWALK DETAILS AND ADA RAMPS  
PULASKI AT FORD CITY DRIVE

SCALE: 1" = 10' SHEET 2 OF 2 SHEETS STA. TO STA.

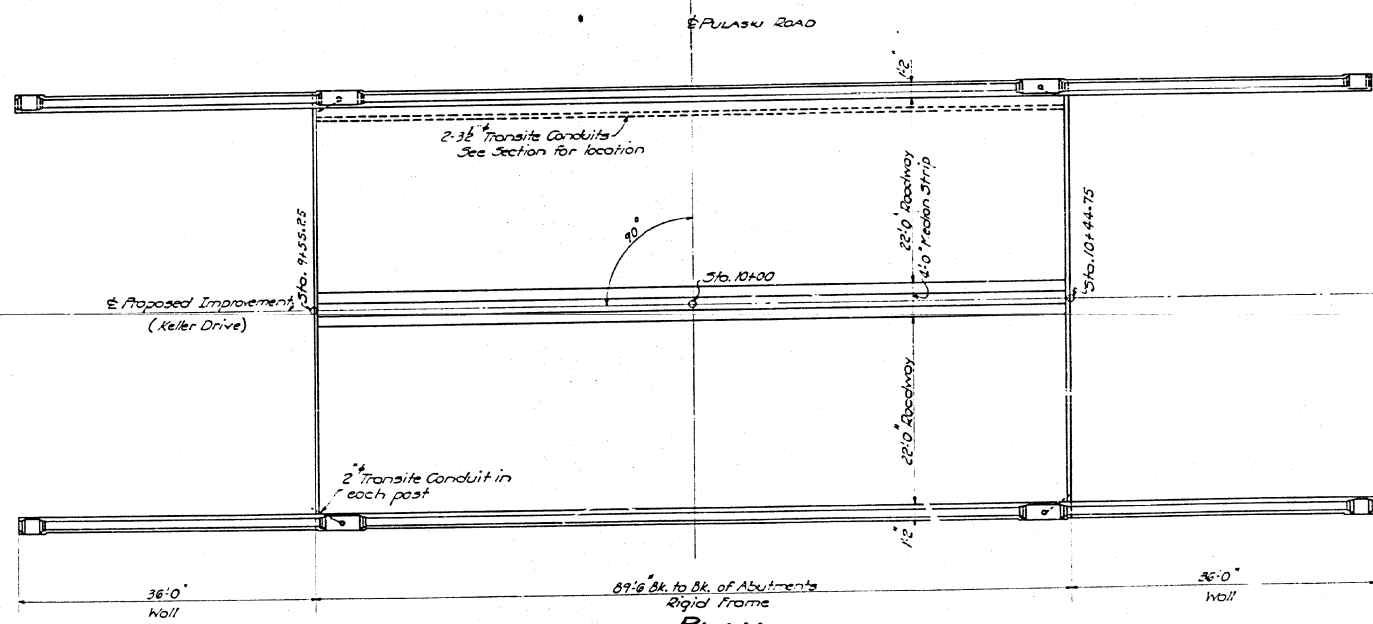
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	65
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROUTE NO. 051 SA	SECTION 1919 HB	COUNTY Cook	TOTAL SHEETS 9	SHEET NO. 3	SHEET NO. 1 6 SHEETS
------------------------	-----------------------	----------------	-------------------	----------------	-------------------------



Borings are given only as a guide to bidders in estimating soil conditions which may be encountered in the work.



**GENERAL NOTES**

Class-X Concrete shall be used thruout.  
Handrail Concrete shall be absolutely free from chert, flint, limonite, lignite and soft sandstone.  
The concrete floor shall be finished according to Art. 613.0 of the Standard Specifications.  
No construction joints other than those shown on the plans will be permitted.  
The falsework shall not be removed until the concrete has attained a minimum modulus of rupture of 850  $\psi$  and not less than seven days after the pouring of the superstructure has been completed.  
No backfill shall be placed until the entire structure is completed and the falsework is removed. The backfill shall then be carried up simultaneously at both end walls. At no time shall the fill of one end be more than two feet higher than at the other.  
The Contractor shall drive the test piles as directed in the field by the Engineer before ordering the remaining piles.  
The Fibre Joint Filler shall conform to Art. 115.66 of the Standard Specifications. The cost shall be included in the contract unit price bid for Class-X Concrete.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Handrail Concrete	Cu. Yds.	18.0
Class-X Concrete	Cu. Yds.	833.8
Reinforcement Bars	Lbs.	143460
Furnishing Treated Timber Piles (up to 20')	Lin. Ft.	4380
Driving Treated Timber Piles (20')	Lin. Ft.	4380
Timber Test Piles	Each	2
Median Strip	Lin. Ft.	87
2'-3/8" Transite Conduit	Lin. Ft.	180
1 1/2" 4'-0" Anchor Bolts	Each	16
Granular Backfill	Cu. Yds.	220

**GENERAL PLAN**  
GRADE SEPARATION  
PULASKI ROAD ~ 77<sup>TH</sup> STREET  
STA. 10+00  
D.A. - W.I. PROJ. 14A(1)  
S.A. ROUTE 051 ~ SEC. 1919.HB  
COOK COUNTY

STANDARD	COMPUTED	
	CHECKED	
SPECIAL	DRAWN	
	CHECKED	
	ASSEMBLED	
	CHECKED	

EXAMINED March 1913  
PASSED D. D. Steinhilber  
APPROVED [Signature]  
CHIEF OF HIGHWAY ENGINEER

MODEL: Definit FILE NAME: 1919HB.DWG PROJECT: 1919HB.DWG SHEET: 3 OF 9



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISED
	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

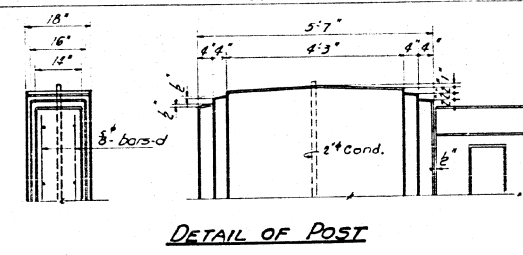
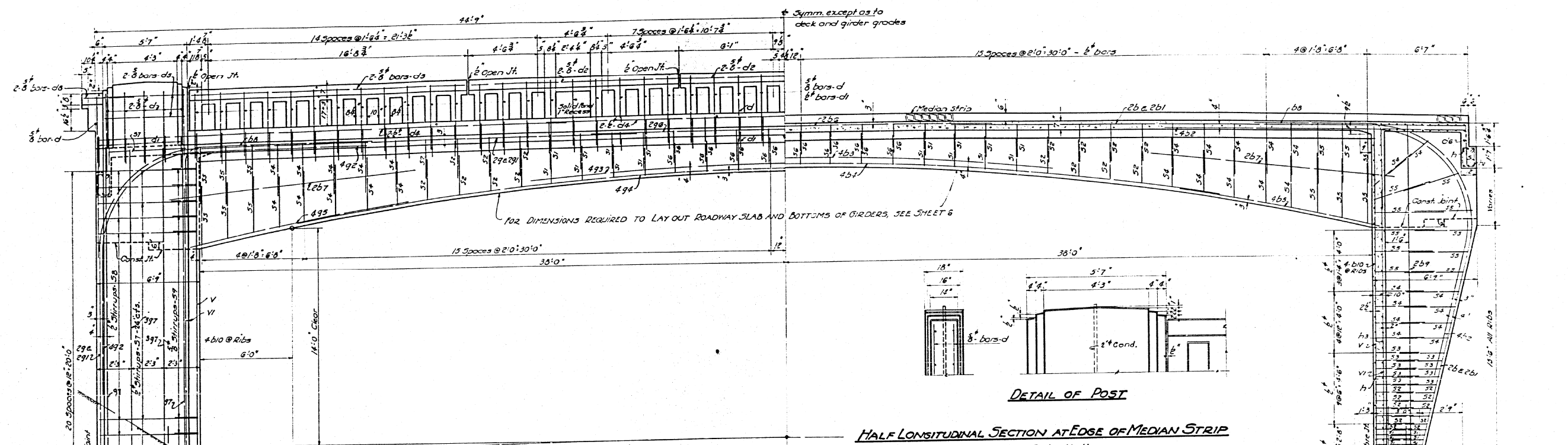
EXISTING PLANS (FOR INFORMATION ONLY)  
PULASKI ROAD AT FORD CITY DRIVE  
SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	66
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

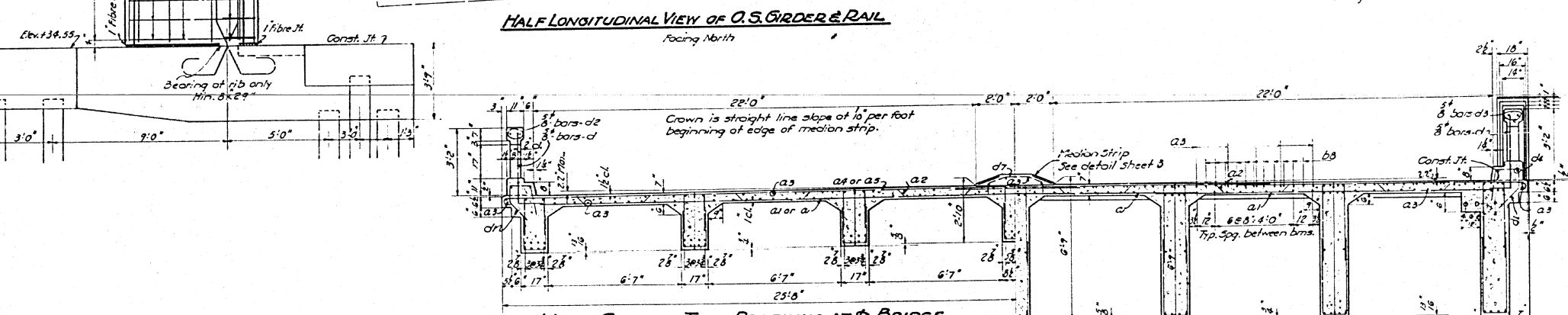
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SA 051	Cook	9	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	

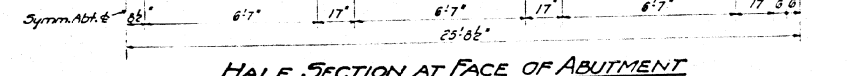
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS



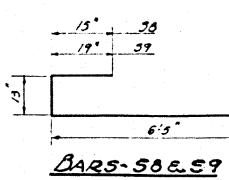
DETAIL OF POST  
HALF LONGITUDINAL SECTION AT EDGE OF MEDIAN STRIP  
Facing North



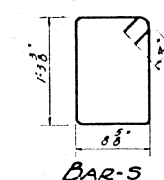
HALF SECTION THRU ROADWAY AT BRIDGE



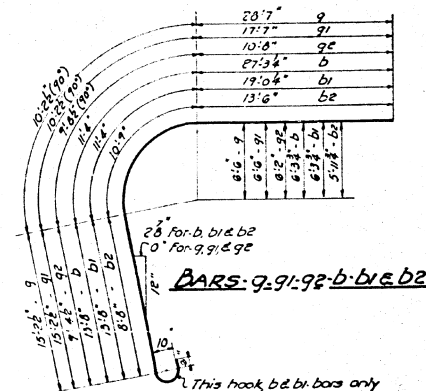
HALF SECTION AT FACE OF ABUTMENT



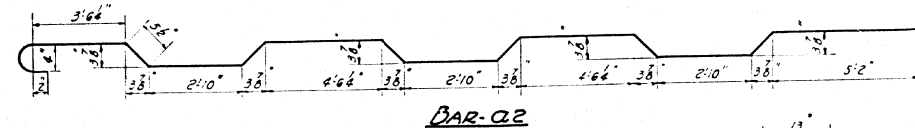
BARS-58 & 59



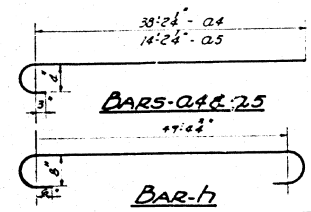
BAR-5



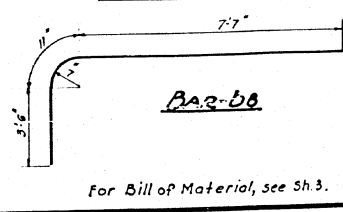
BARS-9, 91, 92, b, b1, b2



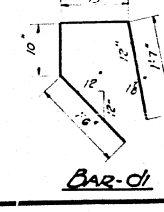
BAR-02



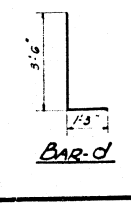
BARS-02 & 25



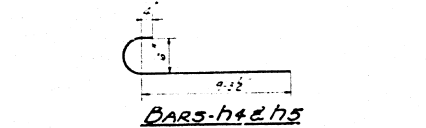
BAR-b0



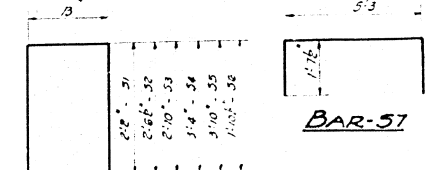
BAR-d1



BAR-d



BARS-h & h5



BAR-57

STIRRUPS

RIGID FRAME  
GRADE SEPARATION  
PULASKI ROAD - 77<sup>th</sup> STREET  
STA. 10+00  
D.A. - W.I. PROJ. 14A (1)  
S.A. ROUTE 051 - SEC. 1919.HB  
COOK COUNTY

STANDARD	COMPUTED	EXAMINED	March 1, 1943
	CHECKED	D. D. Stahl	GRADE SEPARATION ENGINEER
	DRAWN		
	CHECKED		
SPECIAL	ASSEMBLED	APPROVED	
	CHECKED		

APPROVED  
CHIEF OF HIGHWAY ENGINEER

MODEL: Default design firm no. 184001036 FILE NAME: C:\pwworking\184001036\184001036.dwg PLOT DATE: 2/5/2020



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISED
	CHECKED - RKA	REVISED

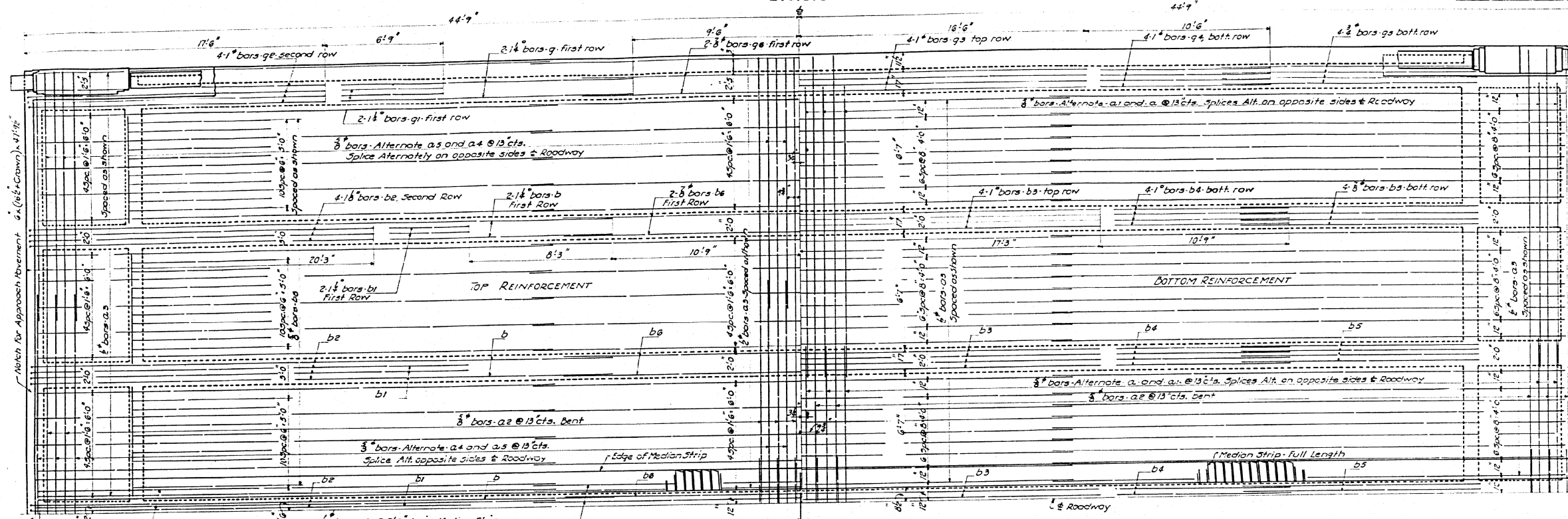
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)  
PULASKI ROAD AT FORD CITY DRIVE  
SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. TO STA.

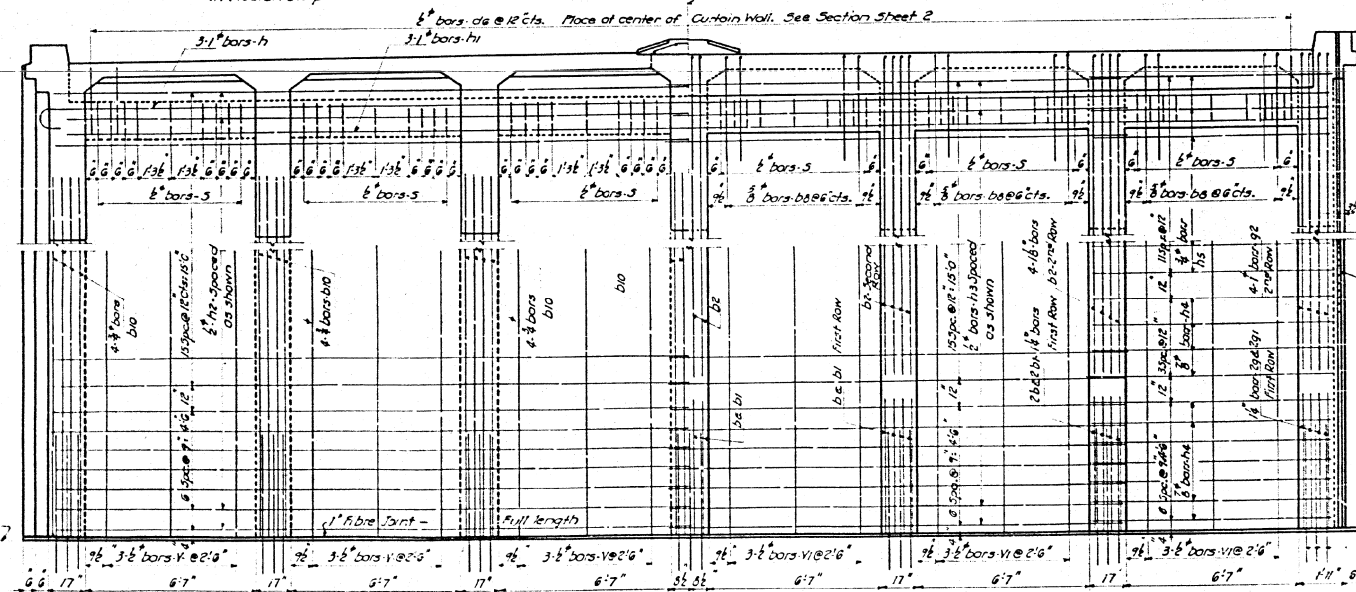
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	67
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROUTE NO. 5A 051	SECTION MMHB	COUNTY Cook	TOTAL SHEETS 9	SHEET 5	SHEET NO. 3 6 SHEETS
------------------------	-----------------	----------------	-------------------	------------	-------------------------



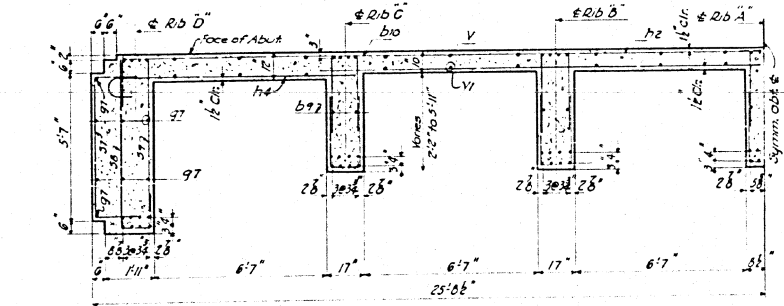
PLAN OF REINFORCEMENT



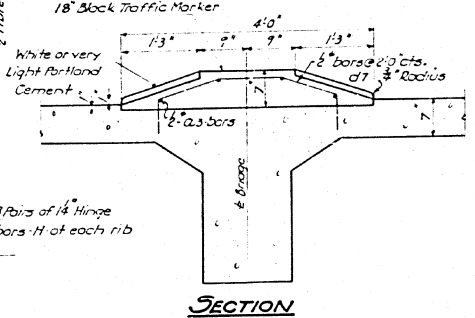
REINFORCEMENT-FRONT

REINFORCEMENT-BACK

ELEVATION OF ABUTMENT

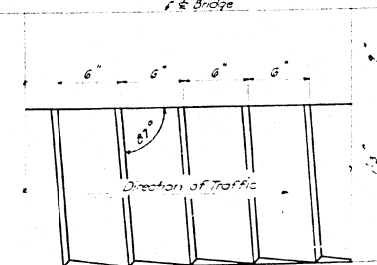


HALF SECTION THRU ABUTMENTS



SECTION

DETAILS OF MEDIAN STRIP



HALF PLAN

LONGITUDINAL SECTION

BILL OF MATERIAL

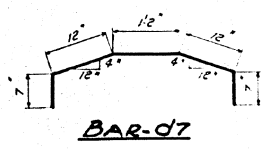
Bar	No.	Size	Length
a	62	5"	32.9'
a1	62	5"	18.9'
a2	162	3"	29.6'
a3	270	4"	30.3'
a4	62	3"	37.0'
a5	62	3"	15.0'
b	20	1 1/2"	55.3'
b1	20	1 1/2"	46.0'
b2	40	1 1/2"	38.11'
b3	20	1"	34.0'
b4	20	1"	26.0'
b5	50	3/4"	13.6'
b6	10	3/4"	27.5'
b7	25	5/8"	18.0'
b8	130	3/4"	12.0'
b9	20	3/4"	22.0'
b10	56	3/4"	17.9'
c	143	5"	4.9'
c1	158	5"	5.0'
c2	2	3"	3.8'
c3	8	3"	17.4'
c4	72	5"	30.6'
c5	16	3"	5.4'
c6	94	5"	2.9'
c7	63	5"	4.4'
c8	5	3"	21.9'
9	8	1 1/2"	22.0'
91	8	1 1/2"	43.0'
92	16	1"	29.9'
93	8	1"	35.0'
94	8	1"	58.0'
95	6	3/4"	18.6'
96	4	3/4"	25.0'
97	32	5"	21.9'
h	6	1"	32.9'
h1	6	1"	18.0'
h2	92	5"	25.6'
h3	66	5"	34.0'
h4	44	5"	10.6'
h5	45	5"	10.6'
s	105	5"	4.8'
s1	252	5"	3.5'
s2	20	5"	4.7'
s3	120	5"	6.9'
s4	210	5"	7.4'
s5	24	5"	8.9'
s6	12	5"	4.10'
s7	65	5"	8.6'
s8	84	5"	6.9'
s9	54	5"	7.1'
v	36	5"	21.6'
v1	36	5"	17.9'

Normal Concrete Curb 10.6  
 Class X Concrete Curb 187.1  
 Reinforcement Bars Lbs. 71010  
 Median Strip Lbs. 1149

RIGID FRAME  
GRADE SEPARATION  
PULASKI ROAD - 77" STREET  
STA. 10+00  
D.A. - W.I. PROJ. 14A(1)  
S.A. ROUTE 051 - SEC. 1919.HB  
COOK COUNTY

STANDARD	COMPUTED	
	CHECKED	
	DRAWN	M. Miller
SPECIAL	CHECKED	
	ASSEMBLED	
	CHECKED	

EXAMINED March 1, 1973  
D. D. Stahl  
GRADE SEPARATION ENGINEER  
PASSED  
APPROVED  
CITY OF HIGHWAY ENGINEER



BAR-D7

For bar details, see 3h.2

MODEL: Defaul... design firm no. 184001036



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISED
	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

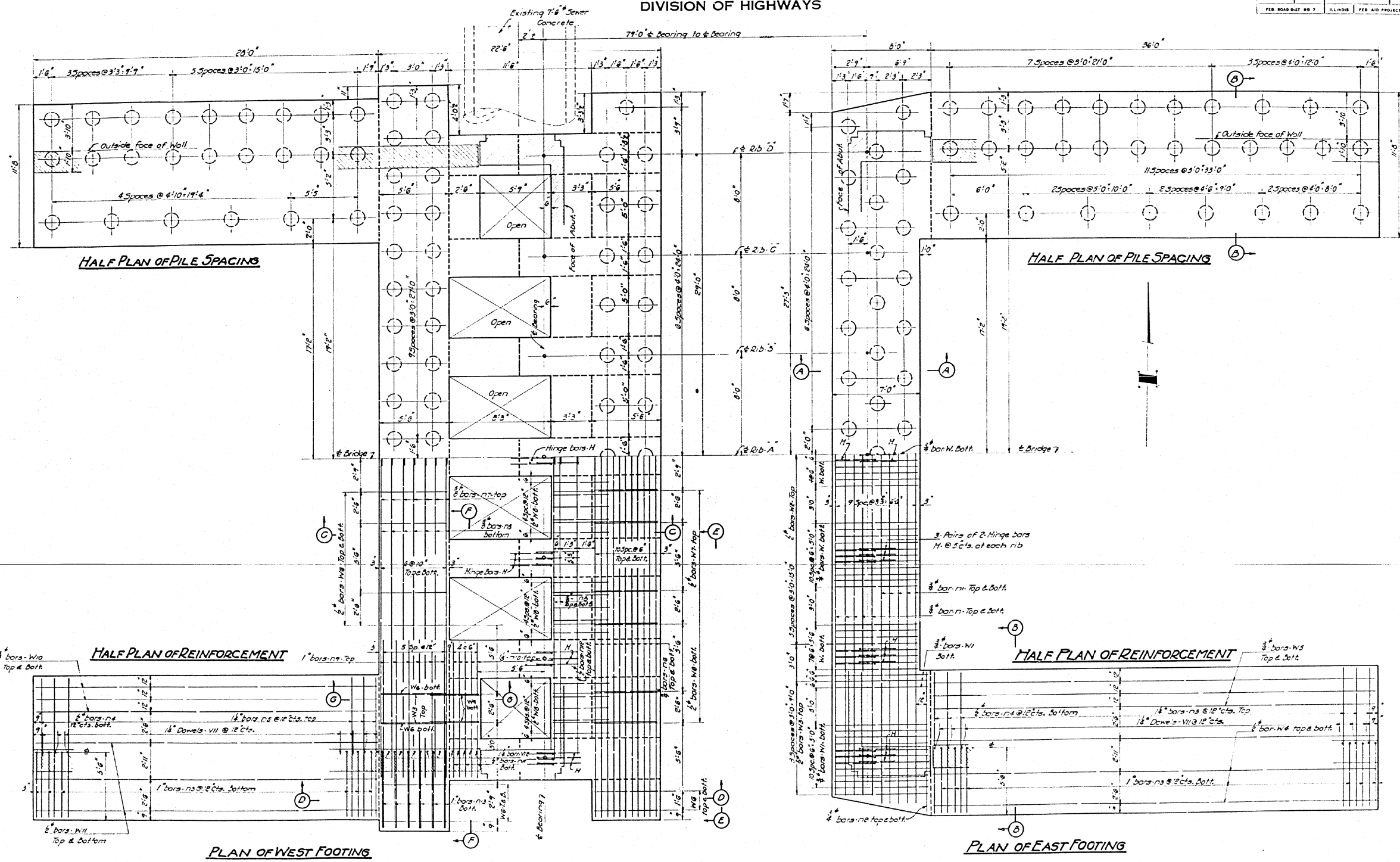
EXISTING PLANS (FOR INFORMATION ONLY)			
PULASKI ROAD AT FORD CITY DRIVE			
SCALE: 1" = 20'	SHEET 3	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	68
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROUTE NO. 5A 051	SECTION 1919HB	COUNTY Cook	SHEETS 9	SHEET NO. 6	SHEETS 6 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	



STANDARD	COMPUTED	EXAMINED March 1943
	CHECKED	
SPECIAL	DRAWN M.M. Jr.	PASSED S.D. Plank GRADE SEPARATION ENGINEER
	ASSEMBLED	APPROVED H.M. Plank CH. OF HIGHWAY ENGINEER
	CHECKED	

EXAMINED  
March 1943  
S.D. Plank  
GRADE SEPARATION ENGINEER  
PASSED  
H.M. Plank  
CH. OF HIGHWAY ENGINEER  
APPROVED

Indicates 20 Ton Treated  
Timber Piles - 219 Reg'd.  
for Sections, Bar details and  
Bill of Material, see Sheet 5

FOOTINGS  
GRADE SEPARATION  
PULASKI ROAD ~ 77<sup>th</sup> STREET  
STA. 10+00  
D.A. - W.I. PROJ. 14A(1)  
S.A. ROUTE 051 - SEC. 1919HB  
COOK COUNTY

MODEL: Defaul  
FILE NAME: C:\pwworking\1919HB\1919HB.DWG  
MODEL: Defaul  
FILE NAME: C:\pwworking\1919HB\1919HB.DWG



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISED
	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)  
PULASKI ROAD AT FORD CITY DRIVE

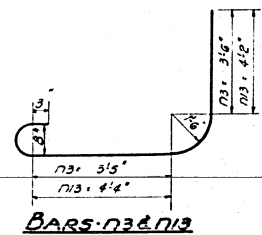
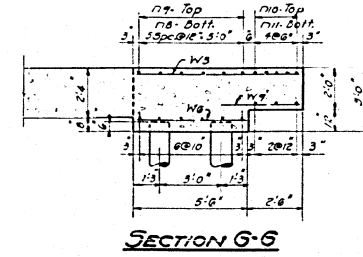
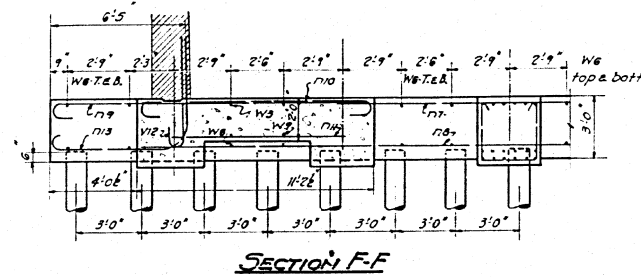
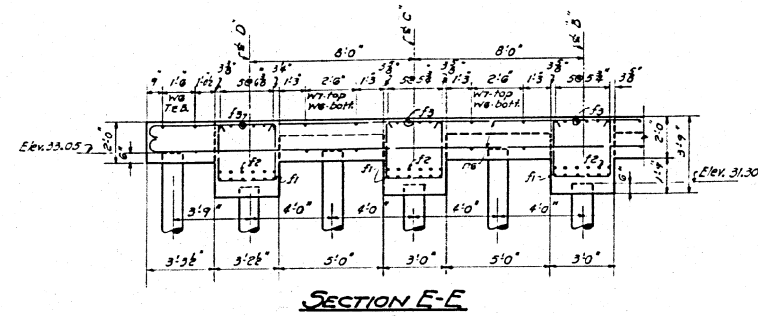
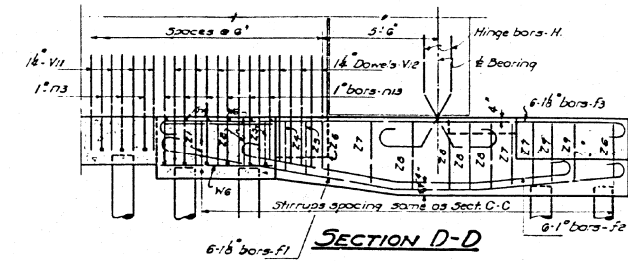
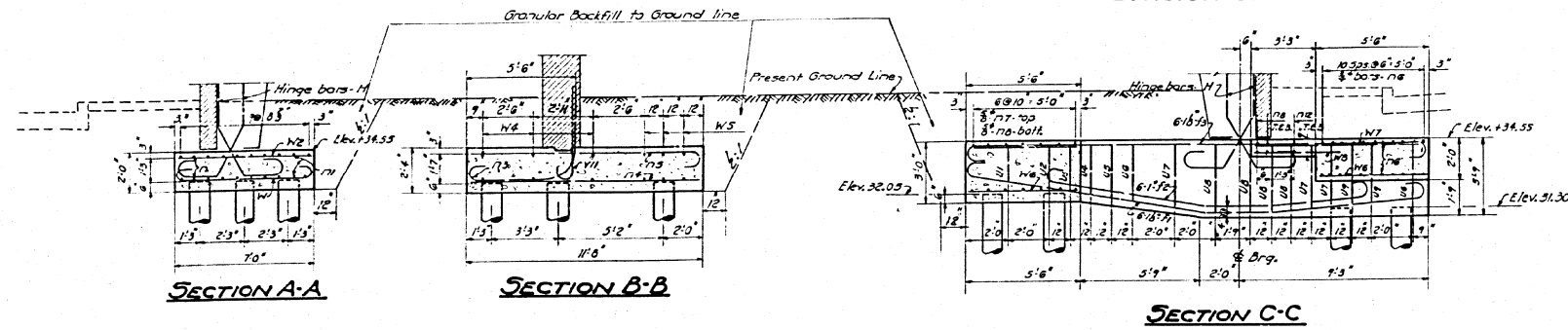
SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	69
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

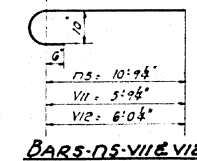
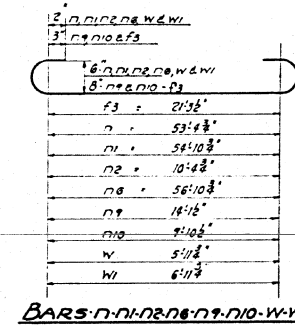
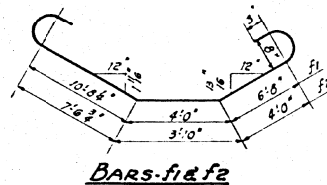
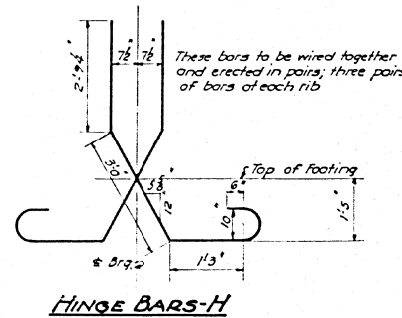
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROUTE NO. SA 051	SECTION 1A11HB	COUNTY Cook	TOTAL SHEETS 9	SHEET NO. 7
FED. ROAD DIST. NO. 7			ILLINOIS FED. AID PROJECT	

SHEET NO. 5  
6 SHEETS



STIRRUPS



BILL OF MATERIAL-FOOTINGS

Bar	No.	Size	Length	Bar	No.	Size	Length
f1	42	1/2"	24'3"	W	49	2"	8'1"
f2	42	1"	18'3"	W1	25	3/4"	9'1"
f3	42	1/2"	24'2"	W2	11	2"	6'8"
n	10	3/8"	55'6"	W3	12	2"	7'0"
n1	10	3/8"	57'0"	W4	12	2"	35'8"
n2	4	3/8"	12'6"	W5	12	2"	5'2"
n3	128	1"	10'9"	W6	25	2"	8'5"
n4	128	1/2"	11'3"	W7	30	2"	4'3"
n5	128	1/2"	12'9"	W8	4	2"	3'9"
n6	22	3/8"	59'0"	W9	12	2"	27'8"
n7	7	3/8"	32'3"	W10	12	2"	27'6"
n8	22	3/8"	26'3"	W11	12	2"	27'6"
n9	12	1"	17'0"	W12	2	2"	7'8"
n10	12	1/2"	12'9"	W13	2	2"	8'0"
n11	6	2"	8'3"	W14	2	2"	8'4"
n12	4	2"	26'0"	W15	2	2"	8'5"
n13	12	1"	12'4"	W16	2	2"	8'11"
U1	5	3/8"	7'3"	W17	4	3/8"	7'2"
U2	5	3/8"	7'9"	W18	6	3/8"	9'11"
U3	5	3/8"	8'4"	W19	4	3/8"	9'7"
U4	5	3/8"	8'5"	W20	6	3/8"	10'1"
U5	5	3/8"	8'8"	W21	128	1/2"	7'9"
U6	10	3/8"	8'11"	W22	20	1/2"	5'0"
U7	13	3/8"	9'8"	W23	6	3/8"	10'1"
U8	20	3/8"	9'10"	W24	54	1/2"	7'0"
U9	10	3/8"	9'4"				

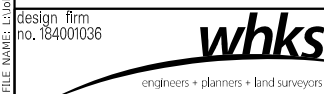
Class-X Concrete	Cu. Yds. 264.7
Reinforcement Bars	Lbs. 46340
Treated Granular Backfill (20%)	Lin. Ft. 4350
Granular Backfill	Cu. Yds. 210

\* Hinge bars to be assembled as shown

FOOTING DETAILS  
GRADE SEPARATION  
PULASKI ROAD - 77<sup>th</sup> STREET  
STA. 10+00  
D.A. - W.I. PROJ. 14A (1)  
S.A. ROUTE 051 - SEC. 1919.HB  
COOK COUNTY

STANDARD	COMPUTED	EXAMINED	March 1943
	CHECKED		D. D. Miller
	DRAWN	PASSED	GRADE SEPARATION ENGINEER
	CHECKED		ENGINEER OF DESIGN
SPECIAL	ASSEMBLED	APPROVED	STATE HIGHWAY ENGINEER
	CHECKED		

MODEL: D:\dwg\... FILE NAME: ...



USER NAME = gjameson	DESIGNED - RKA	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	REVISED
PLOT DATE = 2/5/2020	DRAWN - GSI	REVISED
	CHECKED - RKA	REVISED

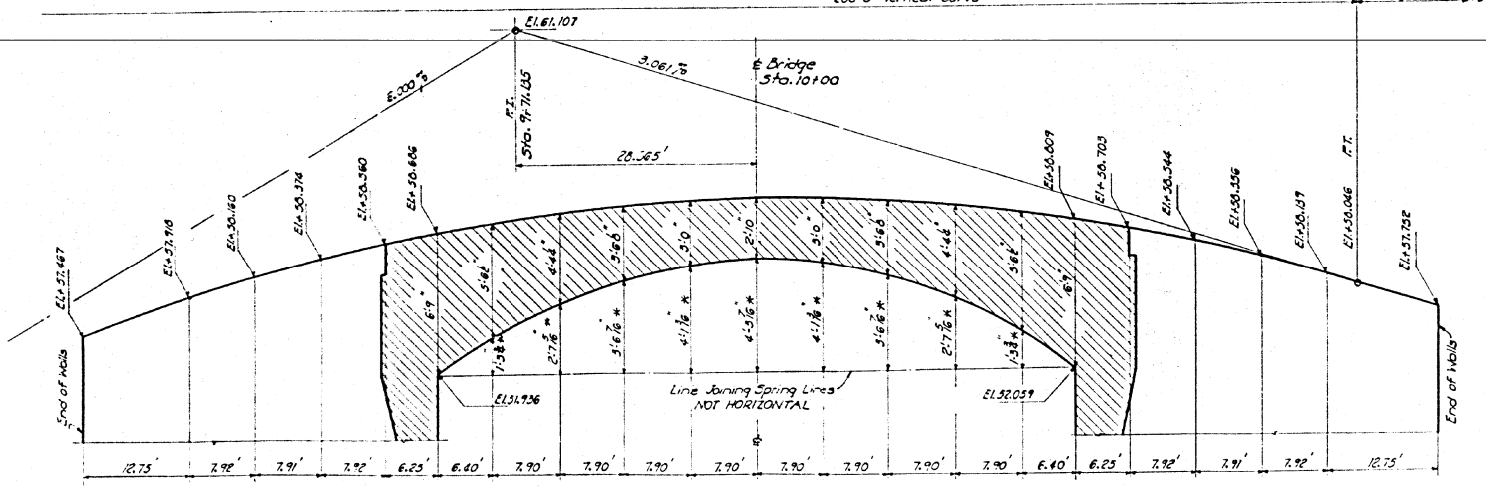
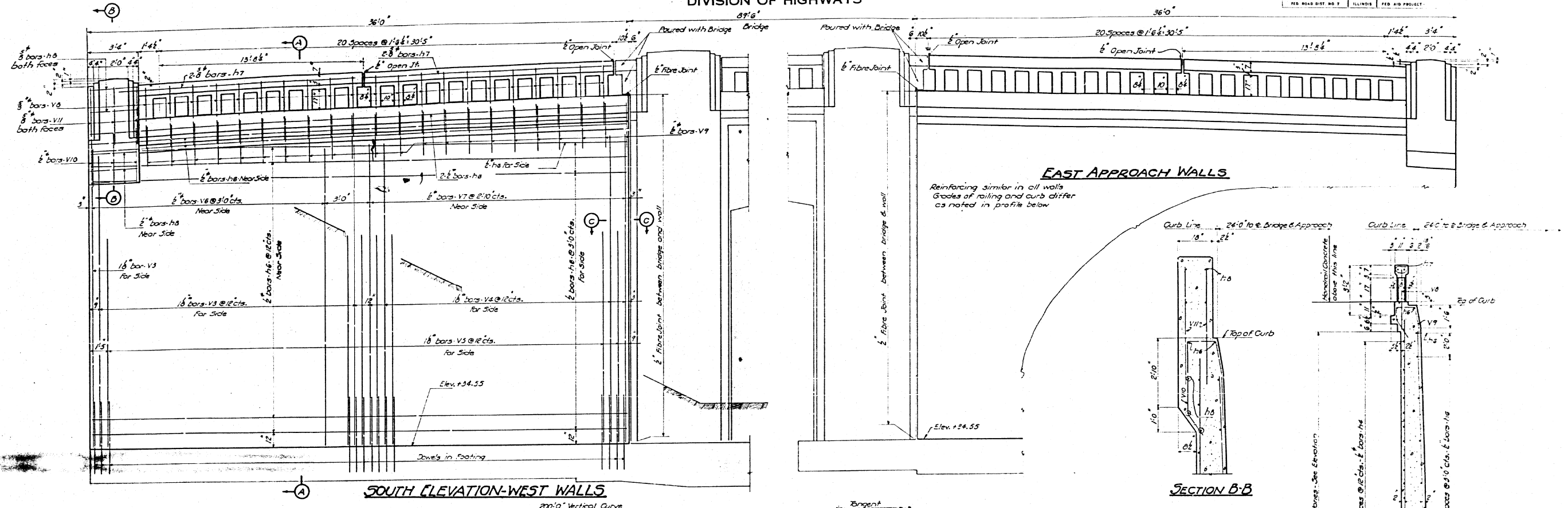
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)  
PULASKI ROAD AT FORD CITY DRIVE

SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	70
CONTRACT NO. 62D42			ILLINOIS FED. AID PROJECT	





PROFILE AT EDGE OF MEDIAN STRIP

Line Joining Spring Lines NOT HORIZONTAL

DEAD LOAD DEFLECTIONS

BILL OF MATERIAL

Bar	No.	Size	Length
h6	20	3"	35.9'
h7	16	3"	18.6'
h8	20	3"	5.0'
V3	76	6"	19.9'
V4	72	6"	20.5'
V5	140	6"	13.9'
V6	24	6"	20.6'
V7	20	6"	2.0'
V8	64	6"	2.0'
V9	60	6"	2.6'
V10	12	6"	6.6'
VII	24	6"	2.9'

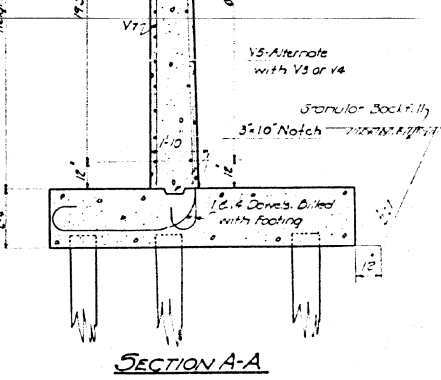
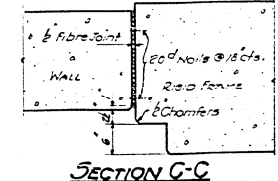
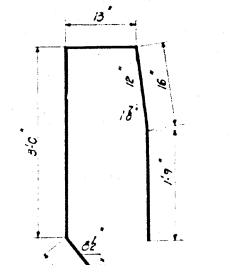
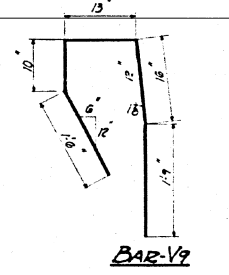
Handal/Concrete Cus. 7.4  
Class-X Concrete Cus. 102.7  
Reinforcement Bars Lbs. 260.80

Note: Dimensions from sloping line joining spring lines to bottom of girders marked thus \* include allowance for dead load deflections. Contractor to make allowance for shrinkage and deflections of false-work.

STANDARD	COMPUTED	EXAMINED	19.13
CHECKED			
DRAWN	19.13		
CHECKED			
SPECIAL	ASSEMBLED	APPROVED	
CHECKED			

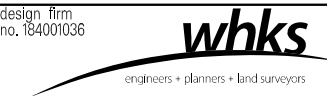
DESIGNED - RKA  
CHECKED - SDS  
DRAWN - GSJ  
CHECKED - RKA  
REVISOR - RKA

TRANSVERSE RELATIONSHIPS  
At any transverse section thru bridge or approach -  
(1) Crown is straight at 1/8" per foot from edge of median strip to curb line. Total rise 2.5"  
(2) Deck slab is level from curb line to outside face of curb.  
(3) Girders are all of same depth, measured on longitudinal center line of each girder.



APPROACH WALLS  
GRADE SEPARATION  
PULASKI ROAD - 77<sup>th</sup> STREET  
STA. 10+00  
D.A. - W.I. PROJ. 14A(1)  
S.A. ROUTE 051 - SEC. 1919.HB  
COOK COUNTY

MODEL: Default  
FILE NAME: C:\Users\jameson\OneDrive\Documents\184001036\184001036.dgn  
MODEL: Default  
FILE NAME: C:\Users\jameson\OneDrive\Documents\184001036\184001036.dgn

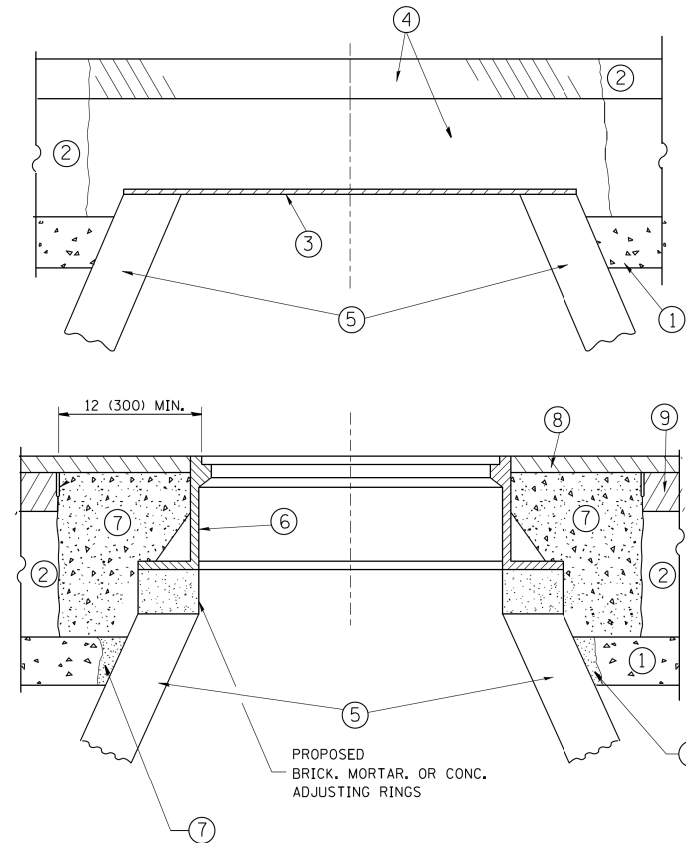


USER NAME = gjameson	DESIGNED - RKA	REVISOR - RKA
PLOT SCALE = 40,0000' / in.	CHECKED - SDS	CHECKED - SDS
PLOT DATE = 2/5/2020	DRAWN - GSJ	DRAWN - GSJ
	CHECKED - RKA	CHECKED - RKA

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS (FOR INFORMATION ONLY)  
PULASKI ROAD AT FORD CITY DRIVE  
SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	71
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

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

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

**LEGEND**

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

**LOCATION OF STRUCTURES:**

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

**BASIS OF PAYMENT:**

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

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

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

**NOTES:**

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

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

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

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

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

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

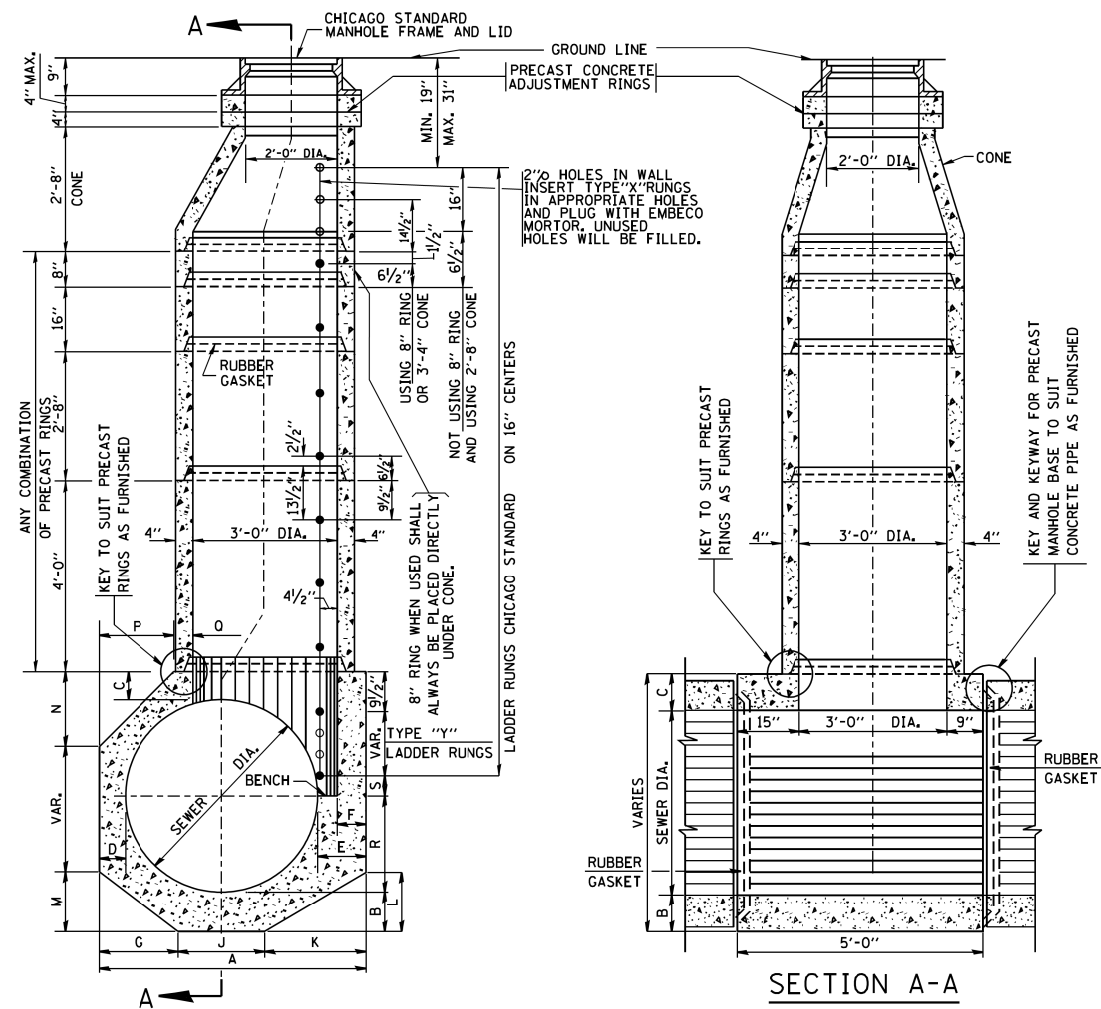
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ca:\pwork\pwork\baerd\1\0108315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-C7
	PLOT SCALE = 1/68,5000 "/ m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

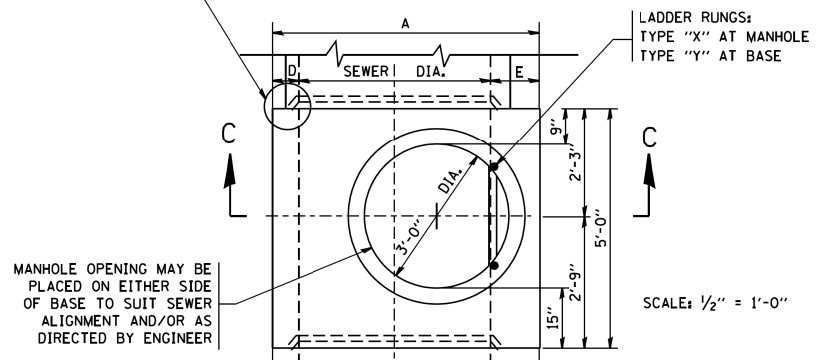
<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			110	72
<b>BD600-03 (BD-8)</b>		<b>CONTRACT NO.</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



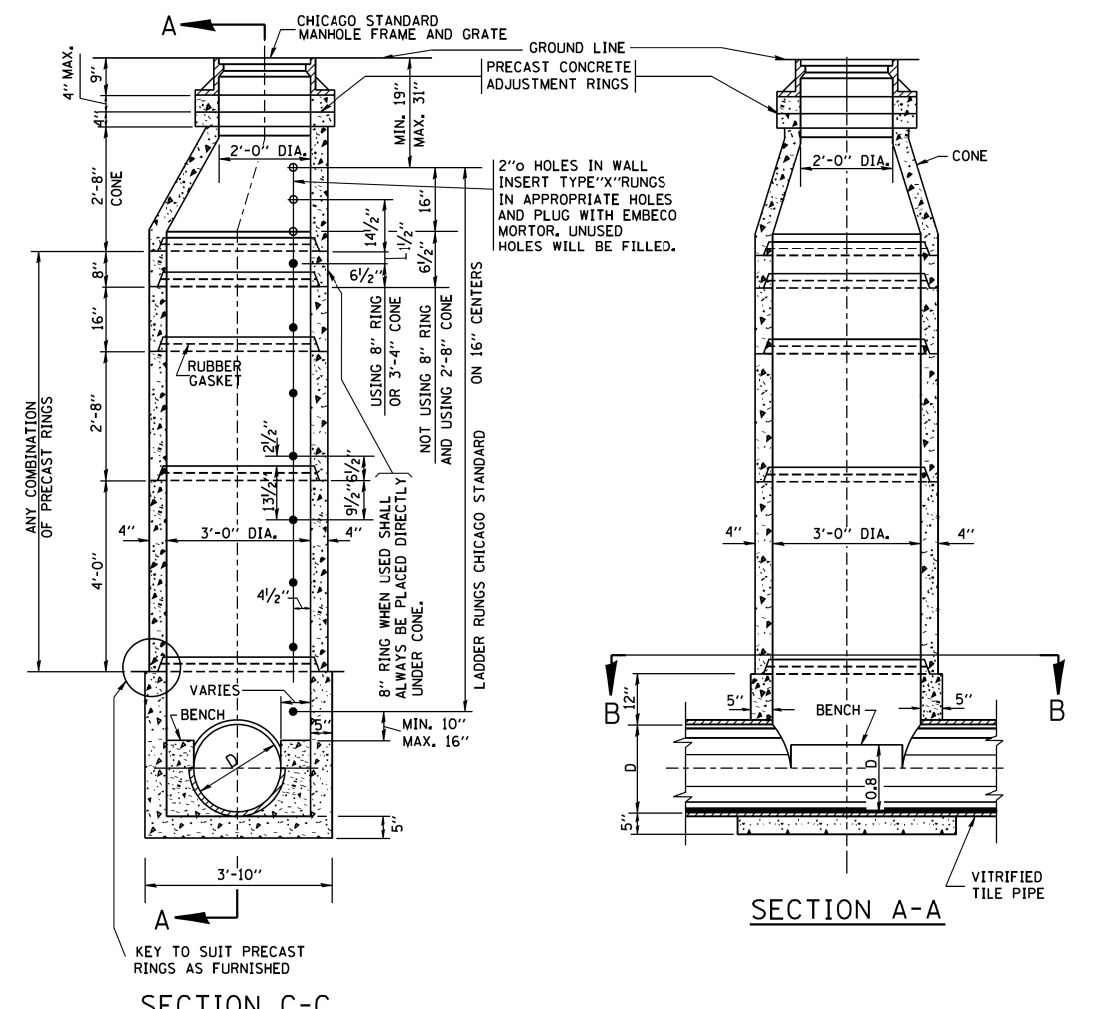
SECTION C-C

SECTION A-A



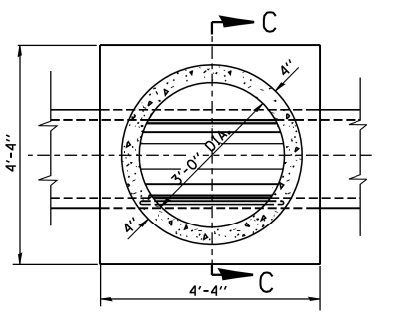
PLAN

TYPE "A" MANHOLE  
FOR SEWERS  
24" TO 120" DIAMETER  
PRECAST BASES AND RINGS



SECTION C-C

SECTION A-A



SECTION B-B

TYPE "A" MANHOLE  
FOR SEWERS  
21" DIAMETER AND SMALLER  
PRECAST BASES AND RINGS

SCALE: 1/2" = 1'-0"

SEWER DIA.	PART ITEM	DIMENSIONS OF PRECAST MANHOLE BASE																NO. "Y" RINGS
		A	B	C	D	E	F	G	J	K	L	M	N	P	Q	R		
120"	---	12'-4 1/2"	12"	12"	12"	16 1/2"	12"	4'-0"	4'-0"	4'-4 1/2"	2'-7 1/2"	2'-5"	3'-7"	3'-7"	4'-8 1/2"	2'-0"	2 1/2"	7
108"	---	11'-4 1/2"	12"	12"	12"	16 1/2"	12"	3'-8"	3'-8"	4'-0 1/2"	2'-5"	2'-2"	3'-4"	3'-4"	4'-0 1/2"	2'-0"	6 1/2"	6
102"	---	10'-10 1/2"	12"	12"	12"	16 1/2"	12"	3'-6"	3'-6"	3'-10 1/2"	2'-4"	2'-1"	3'-2"	3'-2"	3'-8 1/2"	2'-0"	16 1/2"	5
96"	10-A	10'-2 1/2"	11"	11"	11"	15 1/2"	11"	3'-3"	3'-3"	3'-8 1/2"	2'-3"	23"	2'-11"	2'-11"	3'-4 1/2"	2'-0"	9 1/2"	5
90"	10-B	9'-8 1/2"	11"	11"	11"	15 1/2"	11"	3'-1"	3'-1"	3'-6 1/2"	2'-1 1/2"	22"	2'-10"	2'-10"	2'-11 1/2"	2'-0"	3 1/2"	5
84"	10-C	9'-0 1/2"	10"	10"	10"	14 1/2"	10"	2'-11"	2'-11"	3'-2 1/2"	23"	21"	2'-7"	2'-7"	2'-7 1/2"	2'-0"	12 1/2"	4
78"	10-D	8'-6 1/2"	10"	10"	10"	14 1/2"	10"	2'-9"	2'-9"	3'-0 1/2"	22"	20"	2'-6"	2'-6"	2'-2 1/2"	2'-0"	6 1/2"	4
72"	10	7'-10 1/2"	9"	9"	9"	13 1/2"	9"	2'-6"	2'-6"	2'-10 1/2"	21"	18"	2'-3"	2'-3"	22 1/2"	2'-0"	15 1/2"	3
66"	11	7'-4 1/2"	9"	9"	9"	13 1/2"	9"	2'-4"	2'-4"	2'-8 1/2"	19 1/2"	17"	2'-1"	2'-1"	18 1/2"	2'-0"	9 1/2"	3
60"	12	6'-8 1/2"	8"	8"	8"	12 1/2"	8"	2'-1 1/2"	2'-1 1/2"	2'-6"	18"	15"	23"	23"	13 1/2"	2'-0"	2 1/2"	3
54"	13	6'-2 1/2"	8"	8"	8"	12 1/2"	8"	23 1/2"	23"	2'-4"	17"	14"	21"	21"	9 1/2"	2'-0"	12 1/2"	2
48"	14	5'-6 1/2"	7"	7"	7"	11 1/2"	7"	20 1/2"	21"	2'-1"	15"	12 1/2"	18 1/2"	18 1/2"	5"	2'-0"	5 1/2"	2
42"	15	5'-0 1/2"	7"	7"	7"	11 1/2"	7"	18 1/2"	19"	23"	14"	11"	---	---	17 1/2"	21"	2 1/2"	2
36"	16	4'-4 1/2"	6"	6"	6"	10 1/2"	6"	16"	16"	20 1/2"	12 1/2"	9 1/2"	---	---	10 1/2"	18"	14 1/2"	1
30"	17	4'-0"	6"	6"	6"	12"	6"	14"	14"	20"	12"	8 1/2"	---	---	6"	15"	11 1/2"	1
24"	18	4'-0"	6"	6"	6"	12"	6"	16"	16"	16"	9 1/2"	9 1/2"	---	---	6"	12"	8 1/2"	1

FOR STATE CONTRACT  
ALL DIMENSIONS SHOULD  
BE PREPARED IN METRIC  
UNITS. SOFT CONVERSION  
METHOD SHOULD BE USED.

FILE NAME =  
W:\dststd\22x34\bd09.dgn

USER NAME = gaglano  
DESIGNED -  
DRAWN -  
PLOT SCALE = 50.0000' / IN.  
PLOT DATE = 1/4/2008

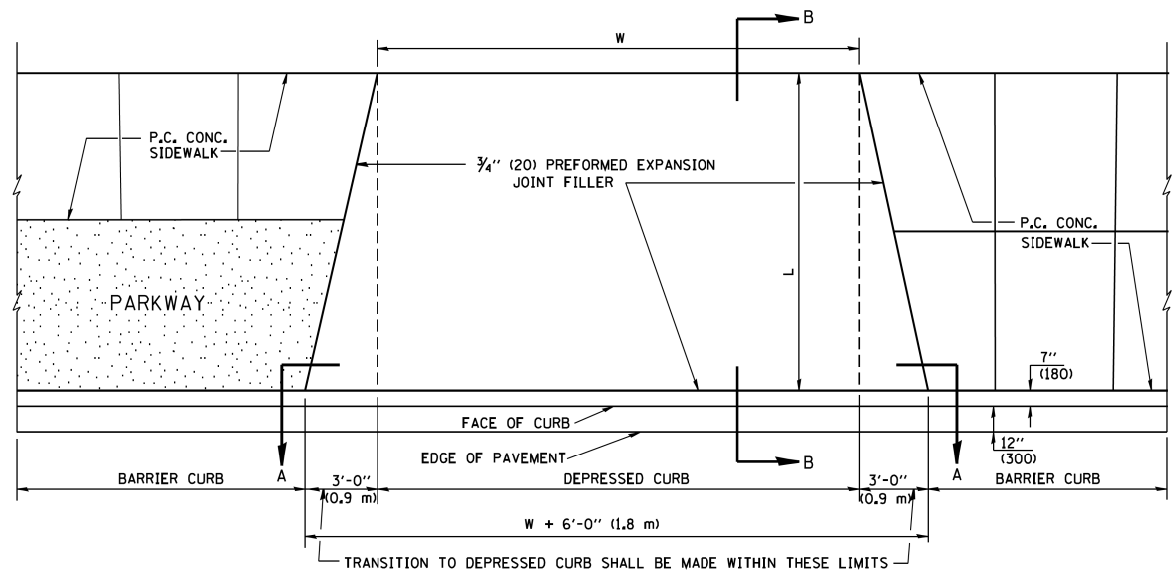
REVISIONS  
REVISED - 09-22-90  
REVISED -  
REVISED -  
REVISED -  
DATE - 06-18-82

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
DRAINAGE DETAILS

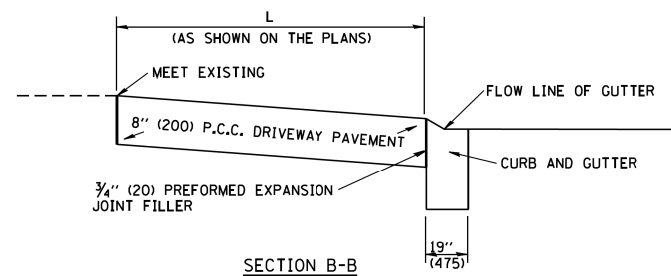
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
BD600-12 (BD-9) CONTRACT NO.  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

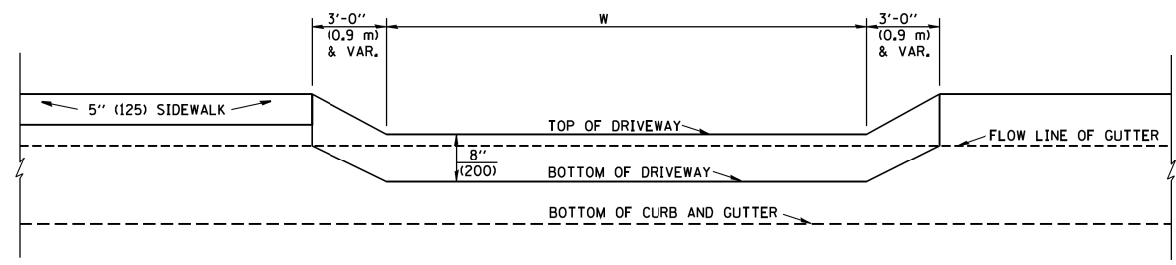


PLAN VIEW

- NOTES:
1. EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS FOR P.C.C. SIDEWALK.
  2. THE CURB BETWEEN ADJACENT DRIVEWAYS SHALL BE FULL HEIGHT FOR A DISTANCE OF AT LEAST FOUR FEET (1.2 METERS)
  3. P.C. CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
  4. 3/4" (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT 8" (200).
  5. COMBINATION CONC. CURB AND GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE TRANSITION CURB AND GUTTER.

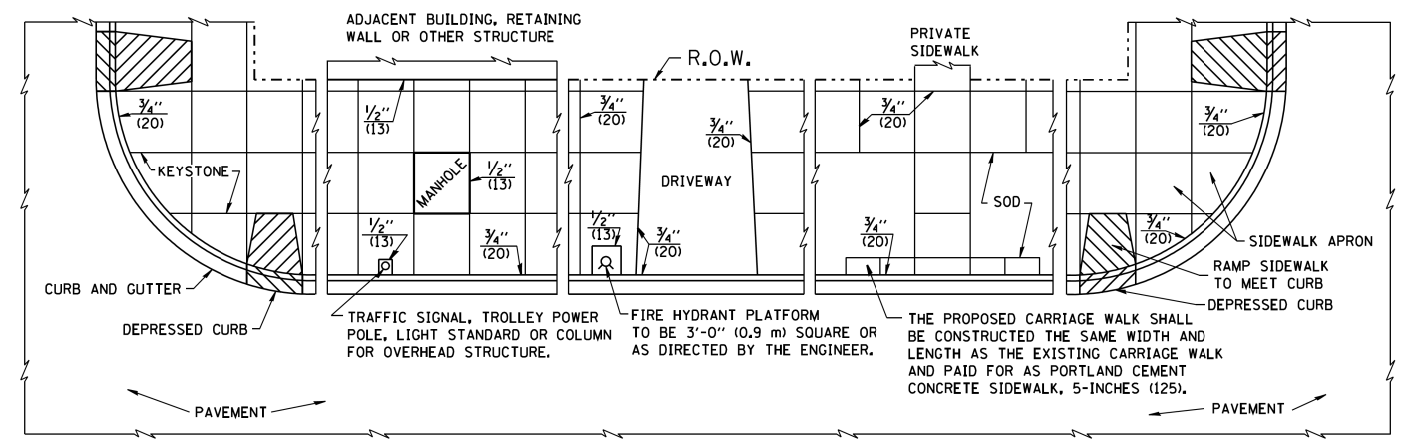


SECTION B-B



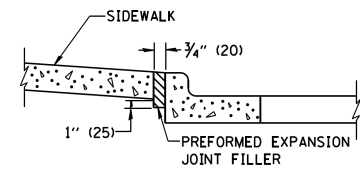
SECTION A-A

P.C.C. DRIVEWAY PAVEMENT DETAIL



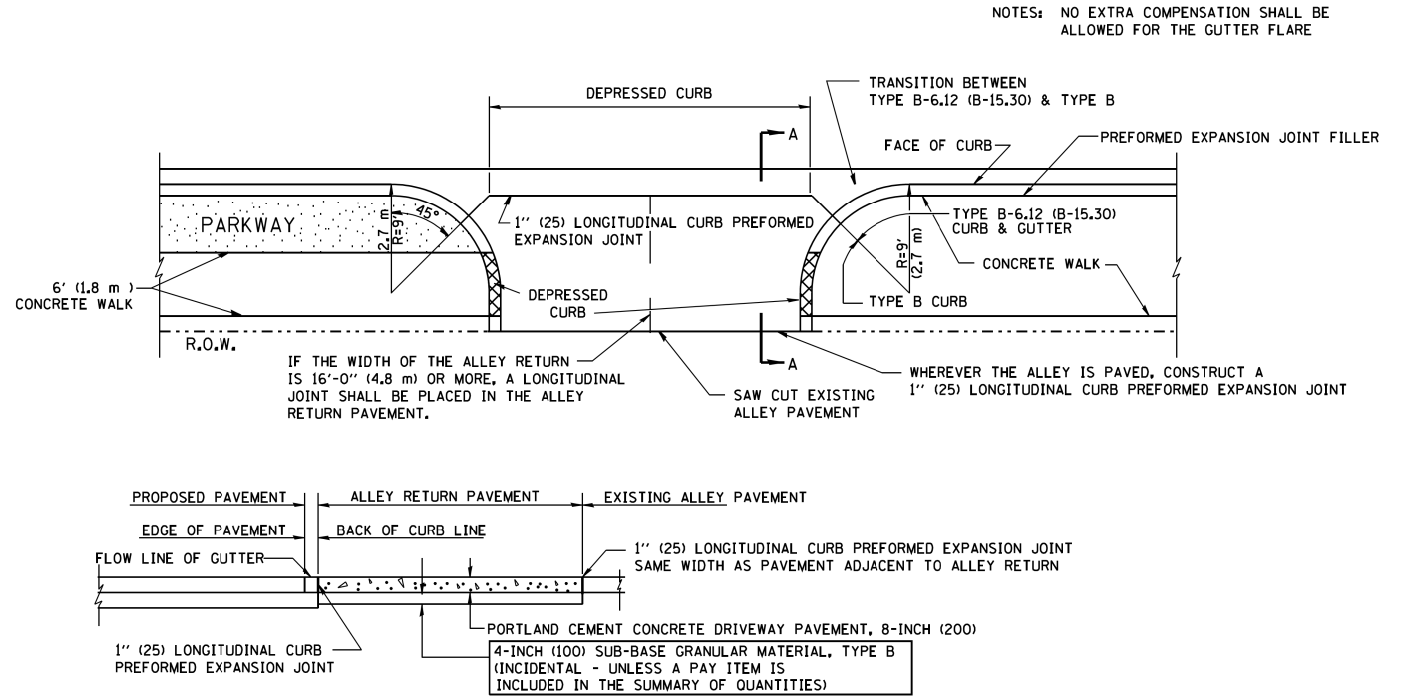
NOTES:

1. ONE-HALF INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, MANHOLES, WHICH EXTEND THROUGH THE SIDEWALK.
2. 3/4" (20) THICK EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET (30 METERS) IN THE SIDEWALK, WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED OPPOSITE THE EXISTING EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK AND CURBS WHERE THE SIDEWALK ABUTS A CURB.



SLOPE FOR SIDEWALK  
1" (25) IN 3'-0" (0.9 m) IN CHICAGO

PORTLAND CEMENT CONCRETE SIDEWALK DETAILS



SECTION A-A

ALLEY RETURN DETAIL

NOTES: NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE GUTTER FLARE

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =  
W:\dststd\22x34\bd17.dgn

USER NAME = geglanoht  
PLOT SCALE = 50.0000' / IN.  
PLOT DATE = 1/4/2008

DESIGNED - M. DE YONG  
DRAWN -  
CHECKED -  
DATE - 06-13-90

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK  
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD400-03	(BD-17)		110	74
CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

**BASIS OF PAYMENT:**

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

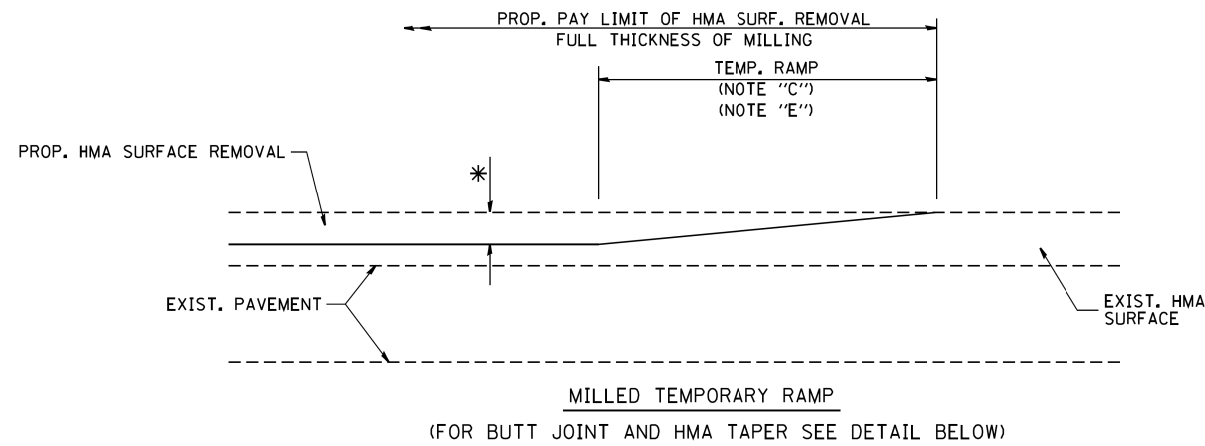
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

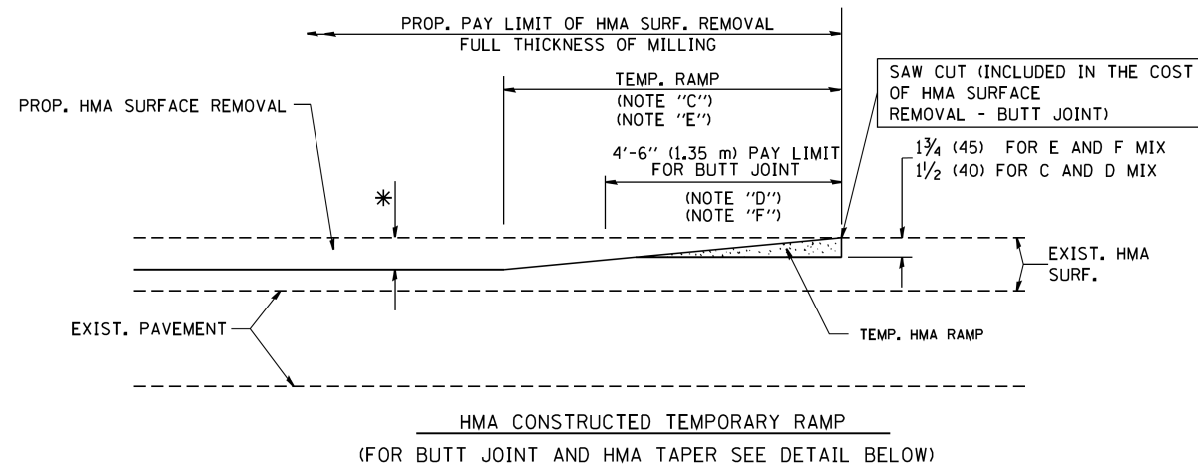
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pwork\drivakosgn\d0108315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			110	75
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01					<b>BD600-06 (BD-24)</b>		CONTRACT NO.		
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09					FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

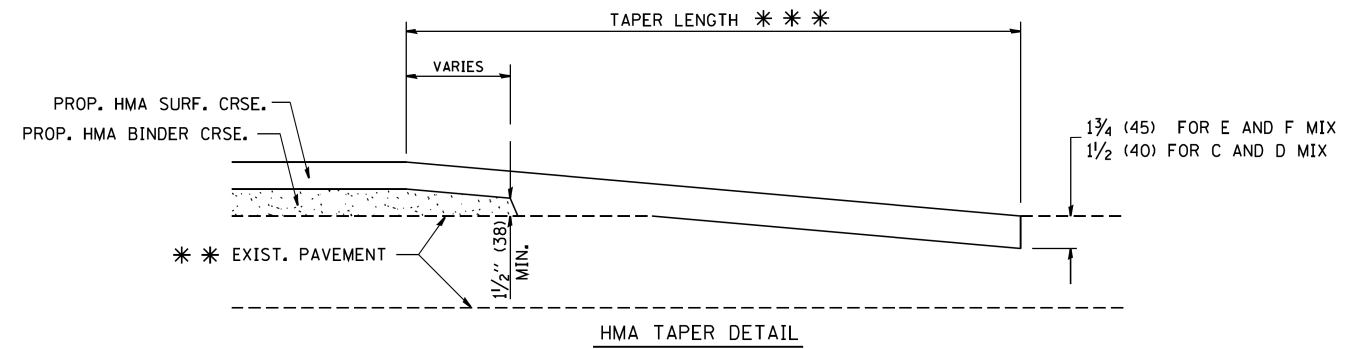
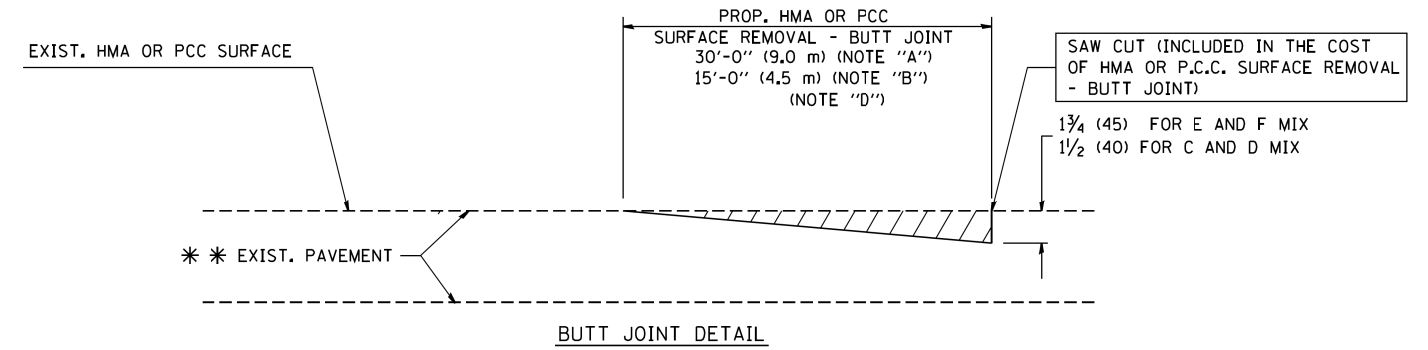


**OPTION 1**



**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\* \* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

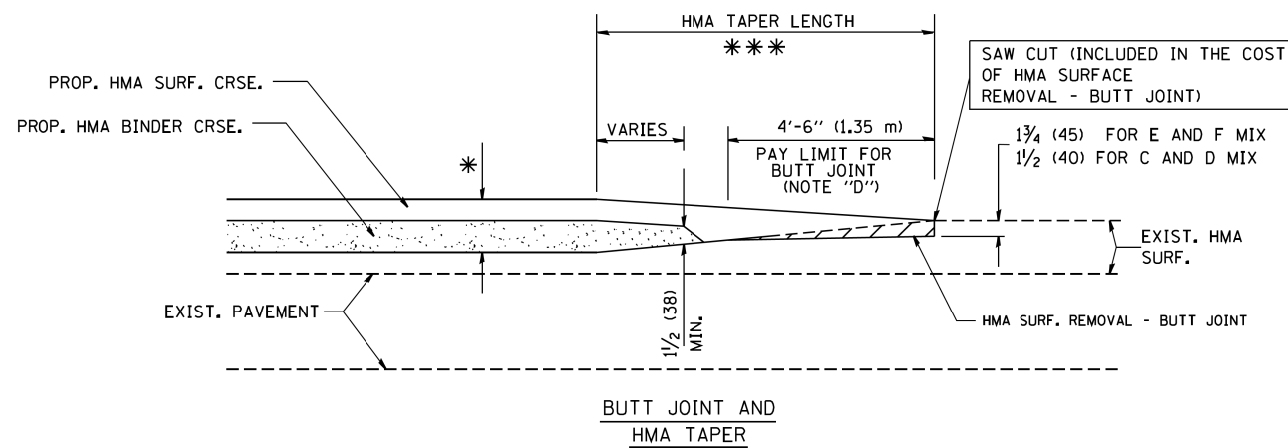
**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \* \* \* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

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

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

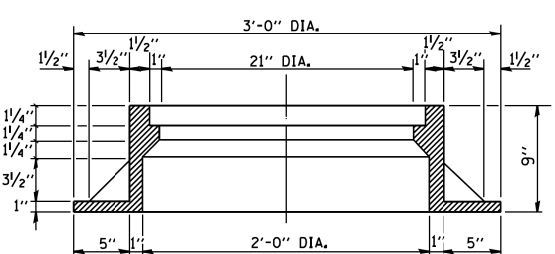
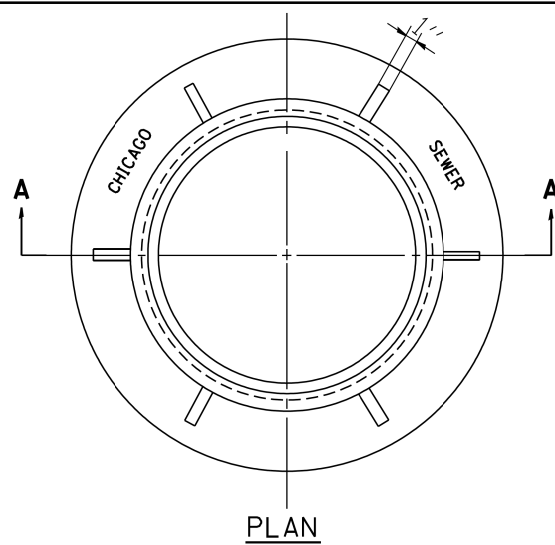


**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

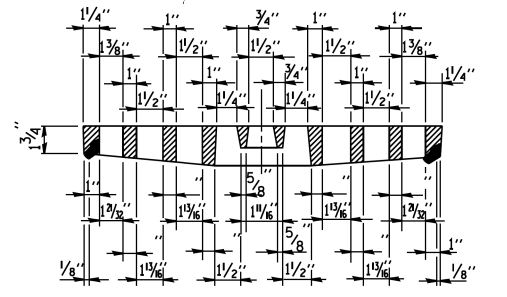
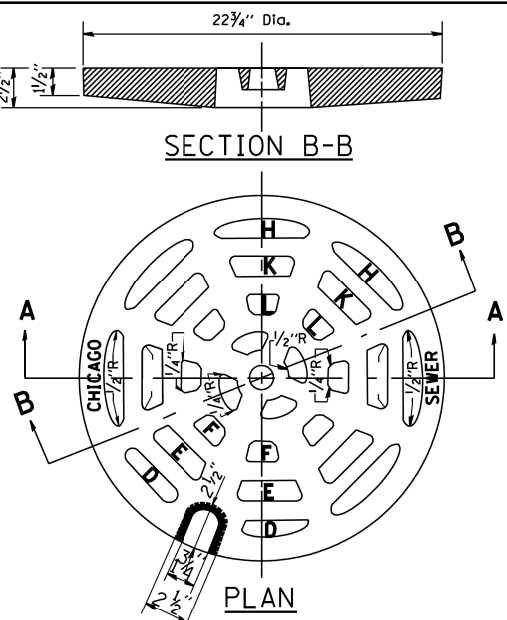
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = geglanoht	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

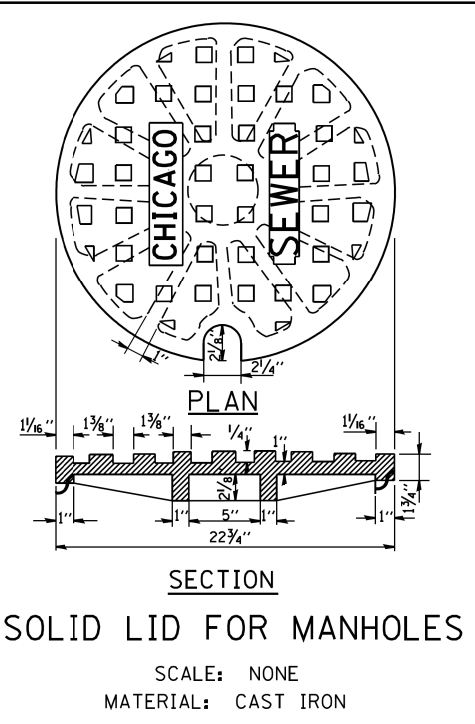
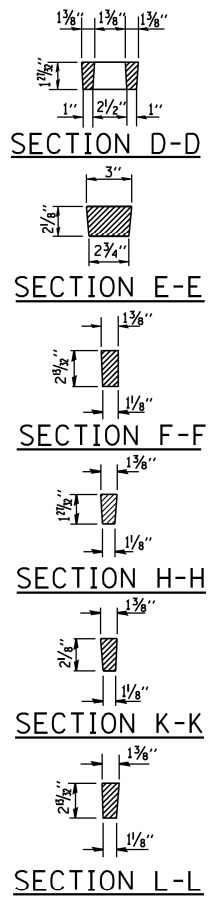
<b>BUTT JOINT AND HMA TAPER DETAILS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		110	76
				<b>BD400-05 BD32</b>	<b>CONTRACT NO.</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



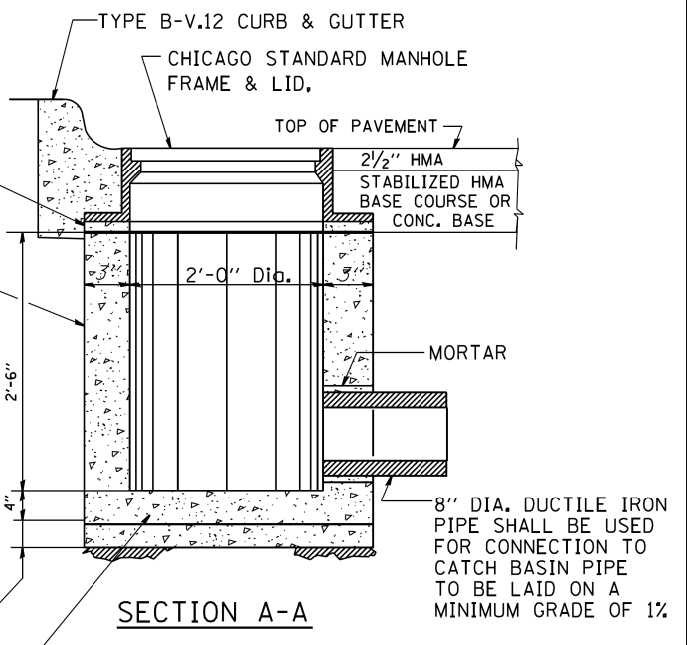
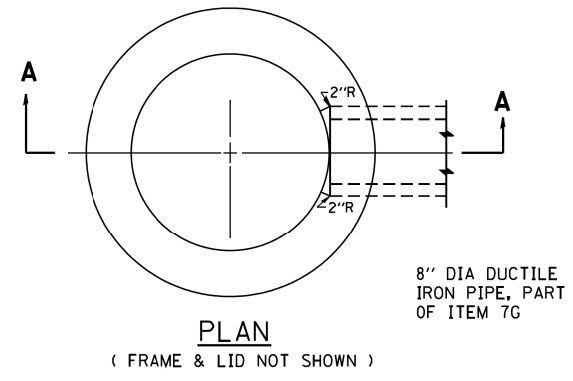
**CHICAGO STANDARD MANHOLE FRAME**  
SCALE: 1 1/2"=1'-0"  
MATERIAL: CAST IRON



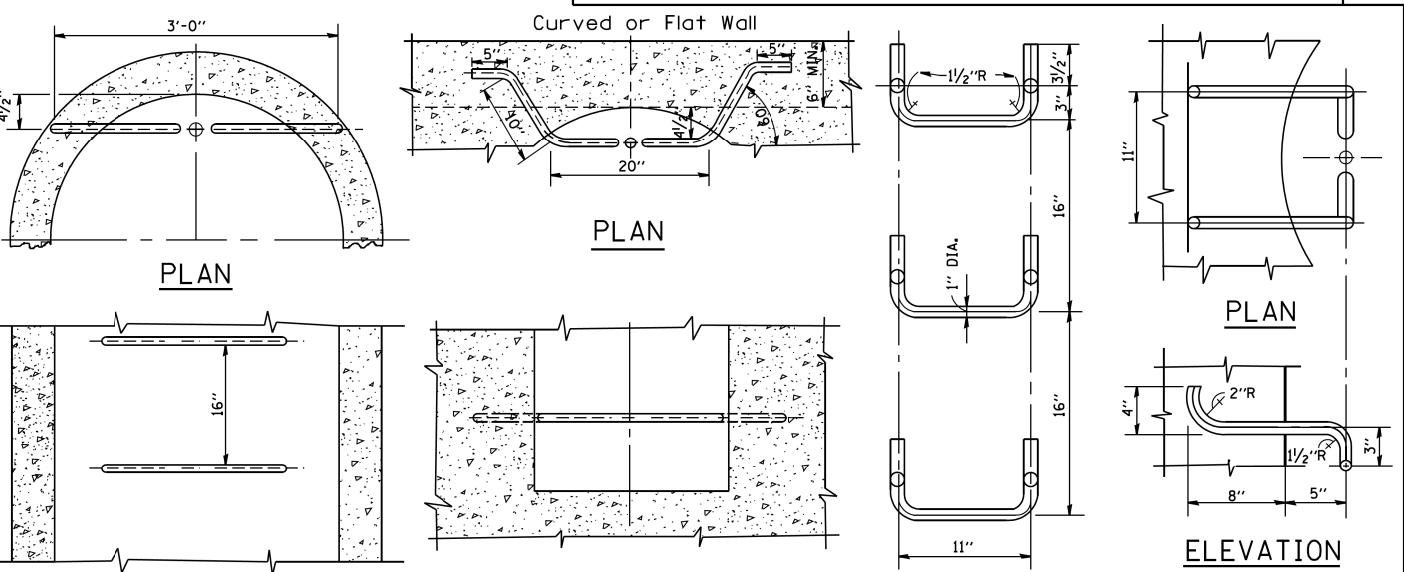
**PERFORATED LID FOR CATCH BASINS & MANHOLES**  
SCALE: 2"=1'-0"  
MATERIAL: CAST IRON



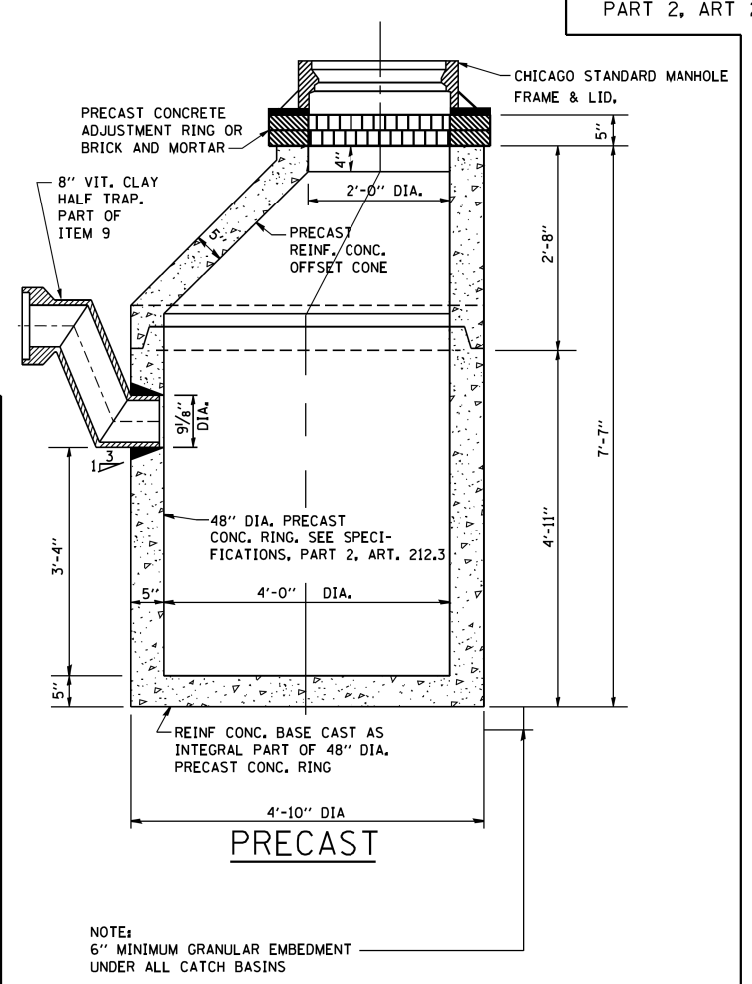
**SOLID LID FOR MANHOLES**  
SCALE: NONE  
MATERIAL: CAST IRON



**STANDARD INLETS**  
SCALE 1"= 1'-0"  
ITEM 12  
THIS INLET DETAIL IS SOMETIMES REFERRED TO AS "CHICAGO STANDARD INLET, TYPE A"



**STANDARD LADDER RUNGS**  
ALL LADDER RUNGS SHALL BE ALUMINUM OR GALVANIZED WROUGHT IRON AS SPECIFIED IN THE SPECIFICATIONS, PART 2, ARTICLE 214.2. RUNGS SHALL BE 1" DIAMETER OR OF A SHAPE HAVING AN EQUIVALENT CROSS-SECTIONAL AREA.



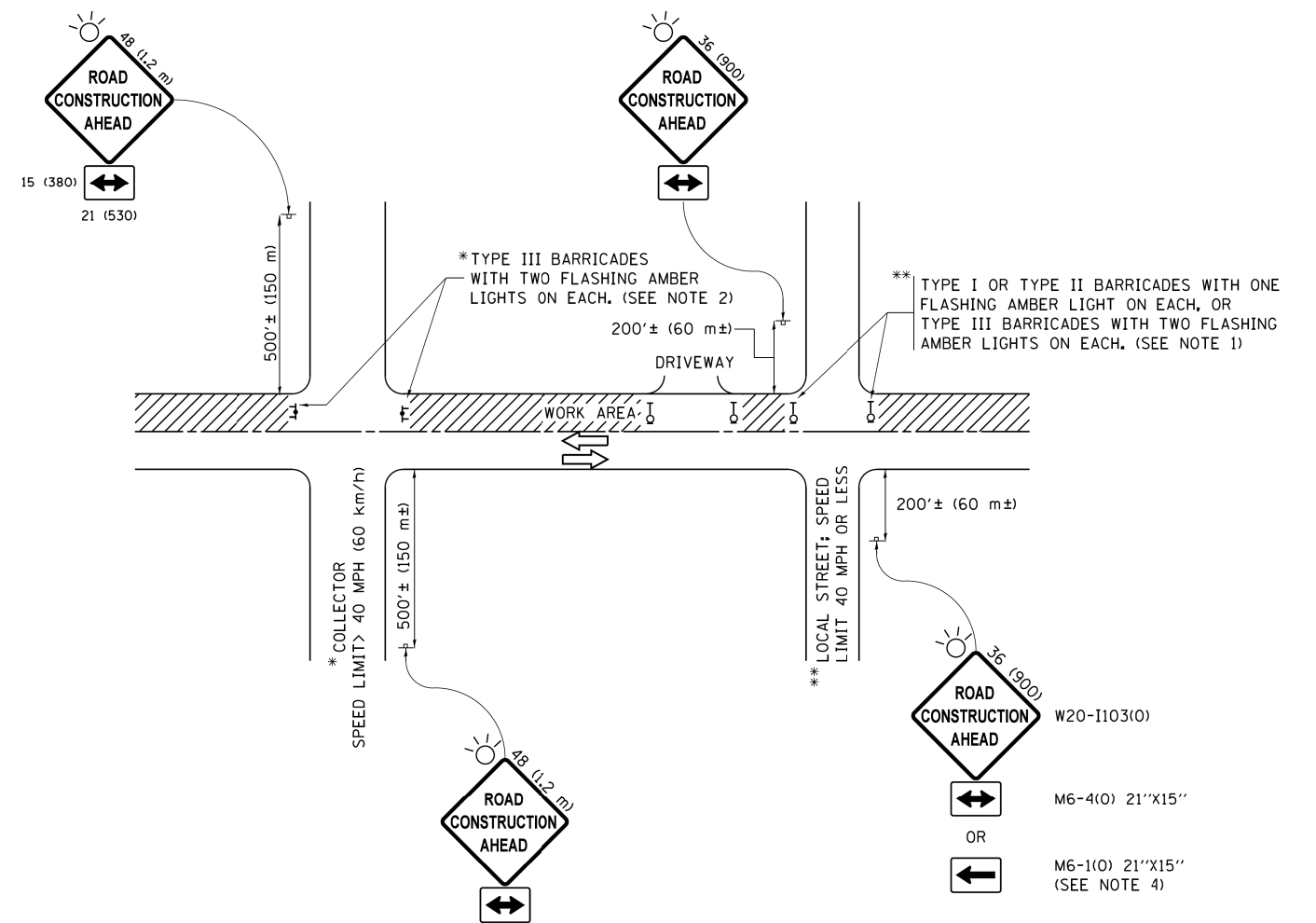
**STANDARD CATCH BASINS**  
SCALE: 3/4"= 1'-0"  
ITEM 9

FILE NAME = W:\diststd\22x34\bd47.dgn	USER NAME = gaglianob	DESIGNED - M. GOMEZ	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 01-25-01	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO**  
**CATCH BASIN, INLET AND MANHOLE DETAILS**  
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD600-13 (BD47)		110	77
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO.	



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
p:\j\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist		DRAWN	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50,000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

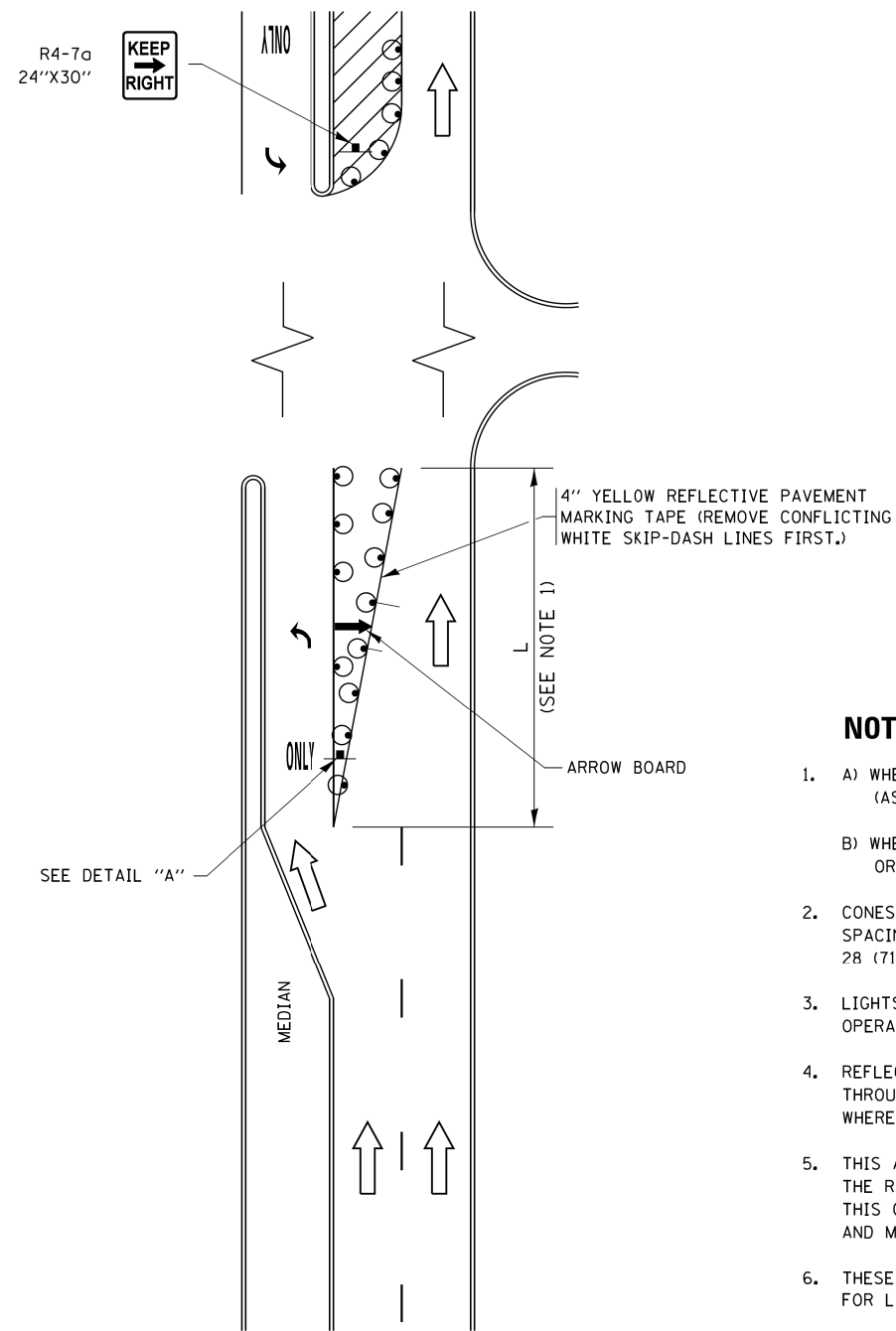
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			110	78
<b>TC-10</b>			<b>CONTRACT NO.</b>	
ILLINOIS FED. AID PROJECT				

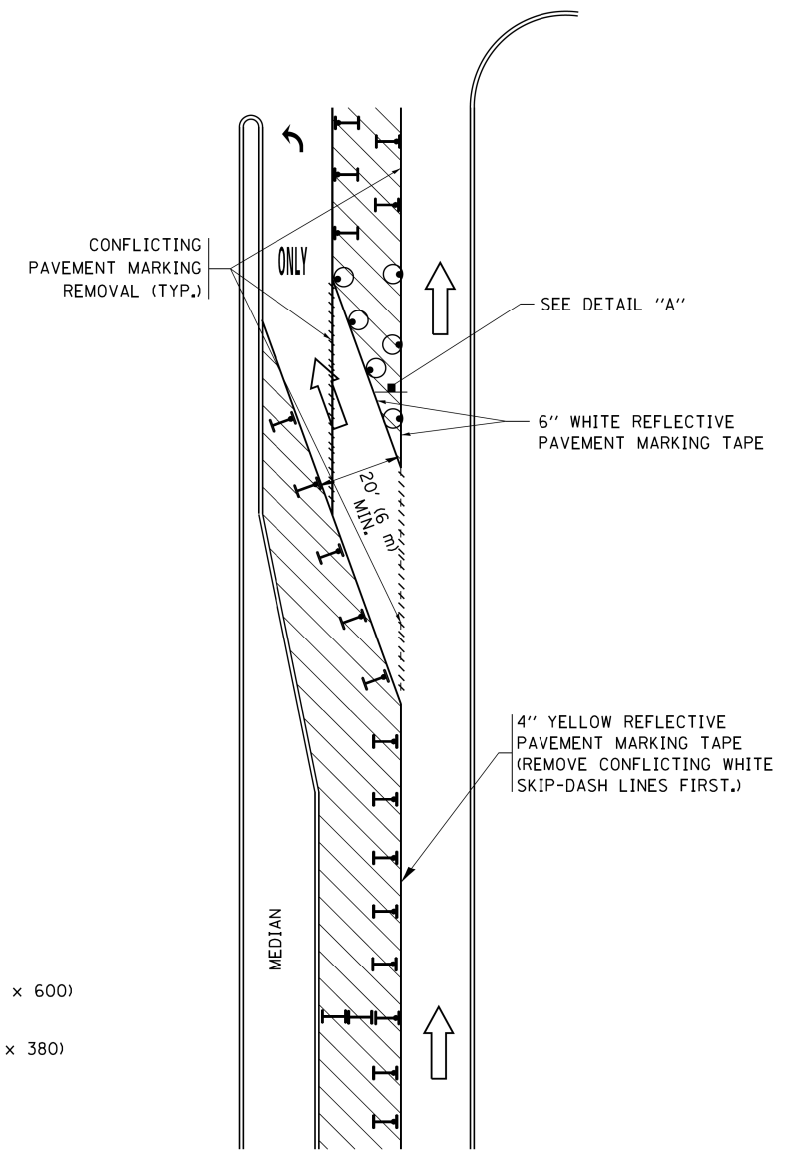


# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER




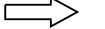





**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



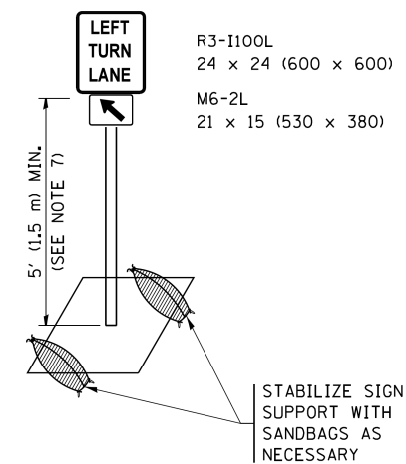
**FIGURE 2**

## LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

## NOTES:

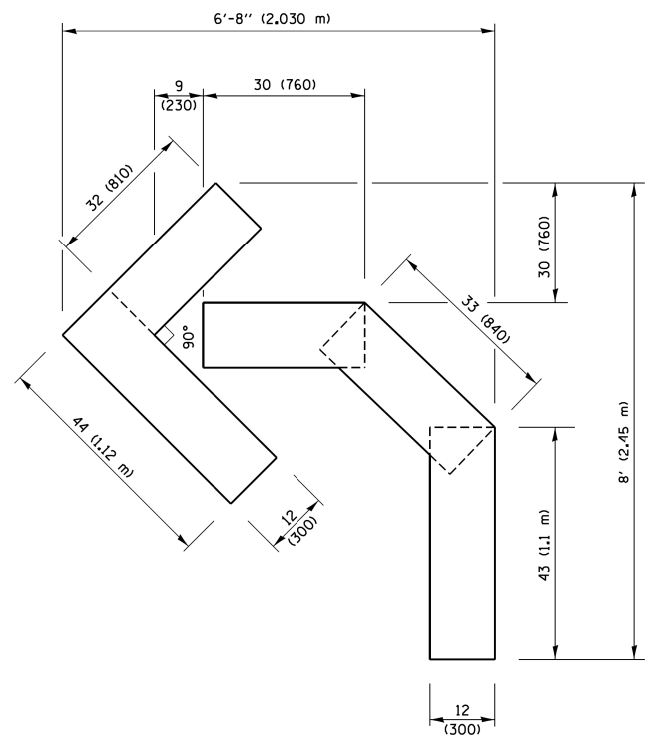
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PRE REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



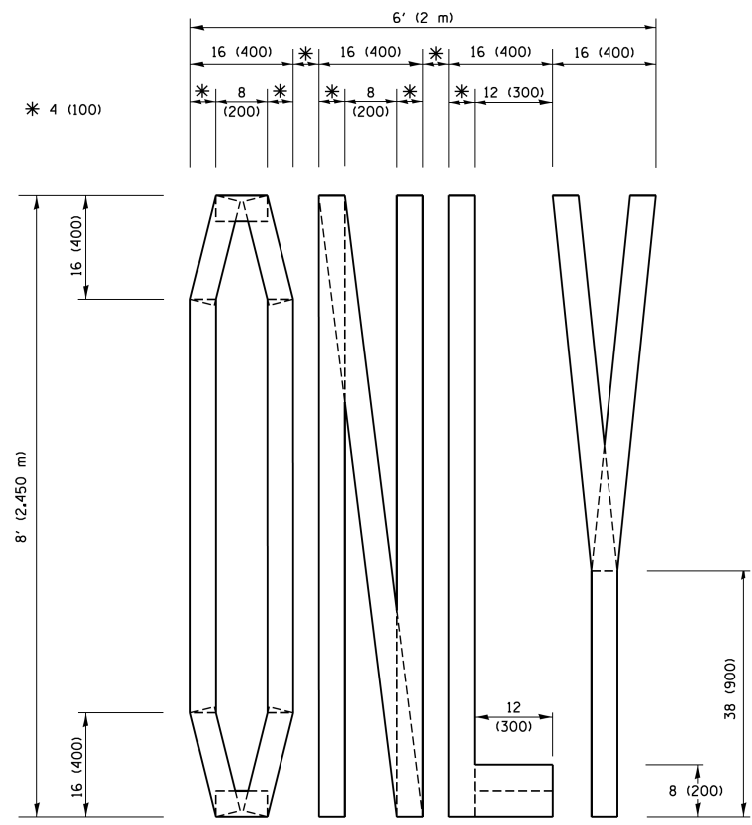
**DETAIL A**

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

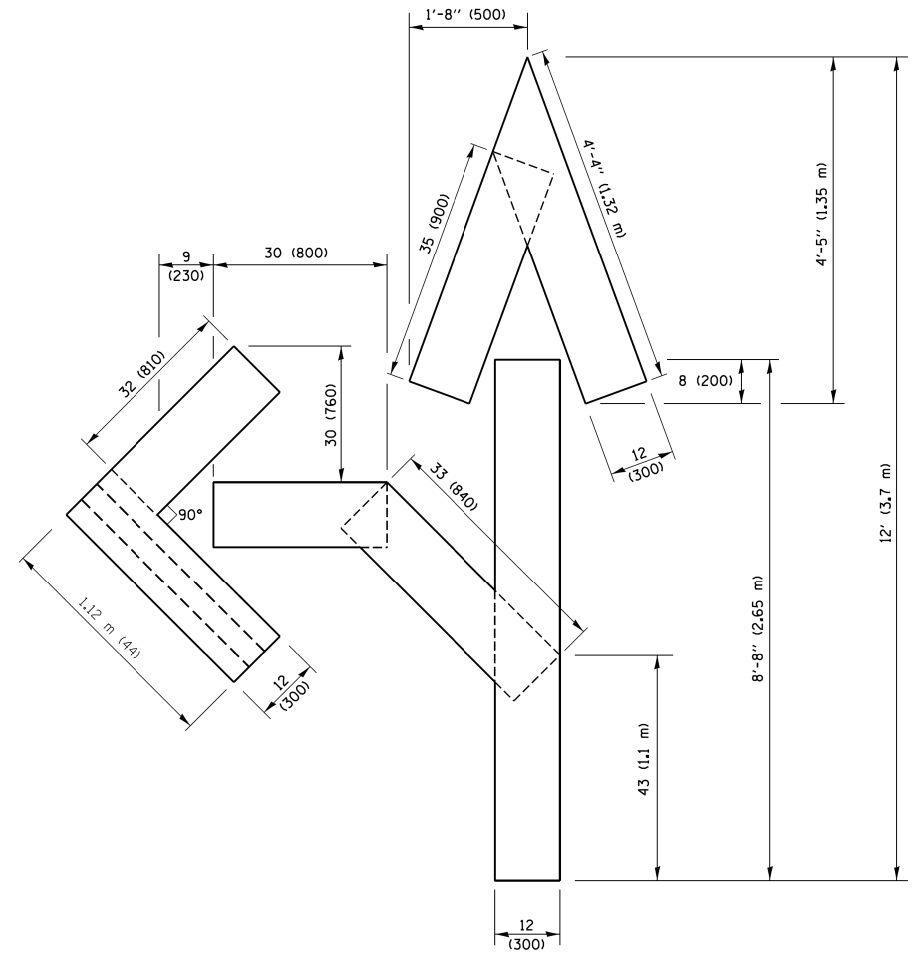
FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					<b>TC-14</b>			CONTRACT NO.	110
	PLOT SCALE = 50,0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -									



**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)

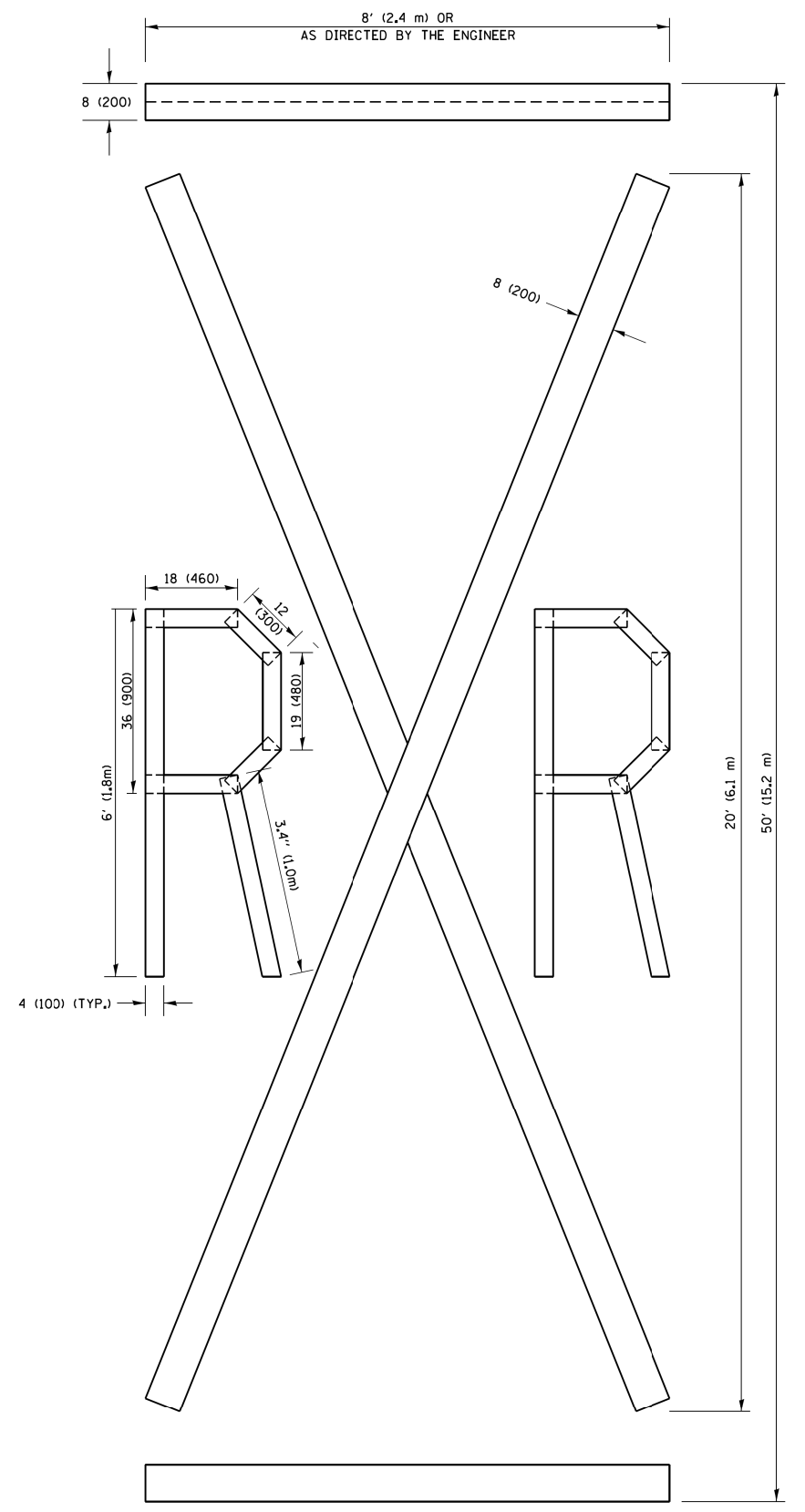


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**QUANTITY**  
 4 (100) LINE = 82.5 ft. (25.1 m)  
 27.5 sq. ft. (2.53 sq. m)

**NOTE:**  
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED  
 IN LINEAR FEET OF 4" LINES TO MATCH THE  
 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS  
 THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

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


FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
p:\j\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\CADD\CADData\CADsheets\c16.dgn		DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50,0000' / in.		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED - A. SCHUETZE 09-15-16


**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**


<b>SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-16		110	80
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO.	


**ROUTE MARKERS**


 FOR U.S. ROUTES  
M1-40-2424


 FOR ILLINOIS ROUTES  
M1-50-2424


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


**ARROWS SIGNS**

 M5-1L-2115


 M5-1R-2115


 M6-1-2115


 M6-1-2115


 M6-3-2115


**CARDINAL DIRECTION & DETOUR SIGNS**

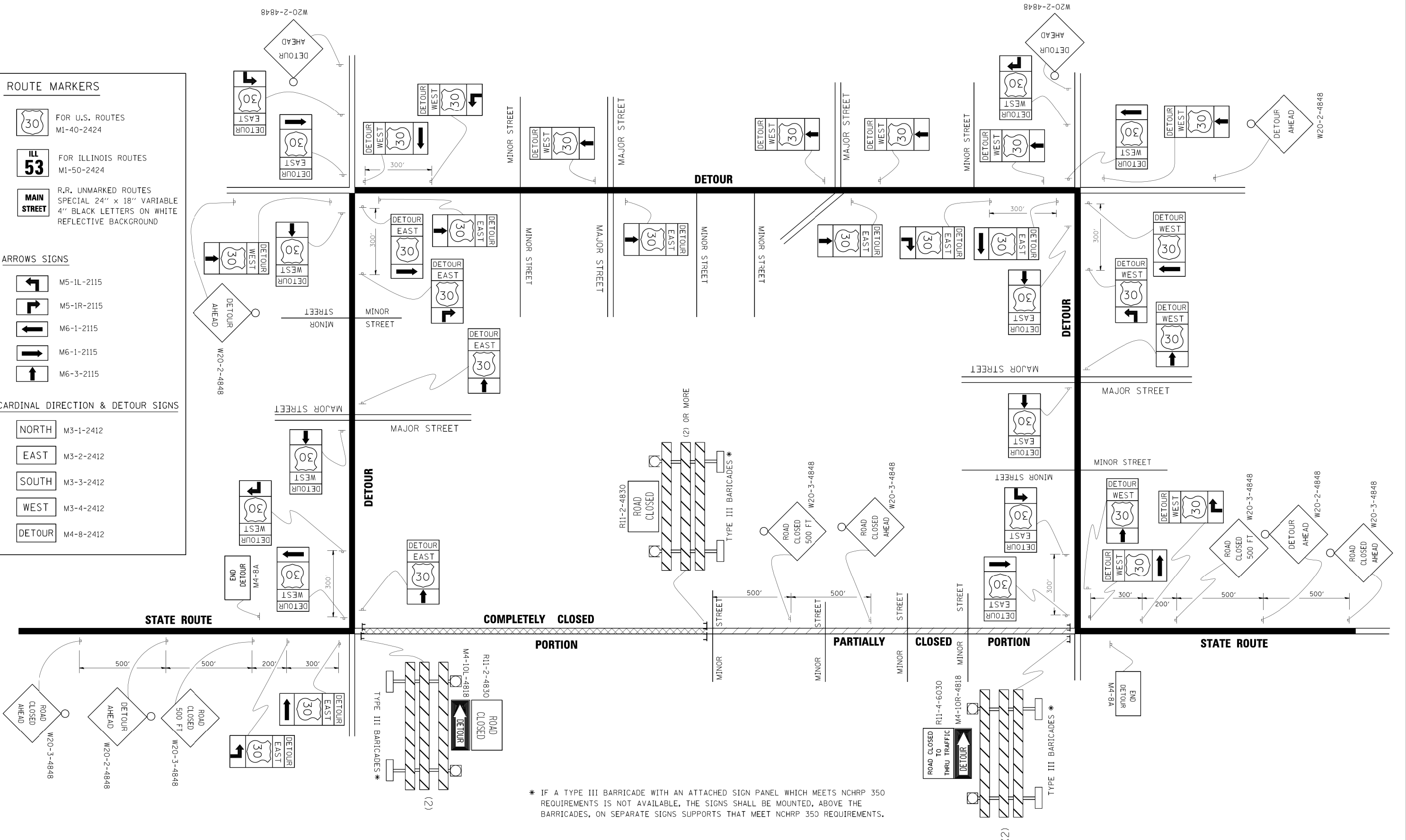
 NORTH M3-1-2412

 EAST M3-2-2412

 SOUTH M3-3-2412

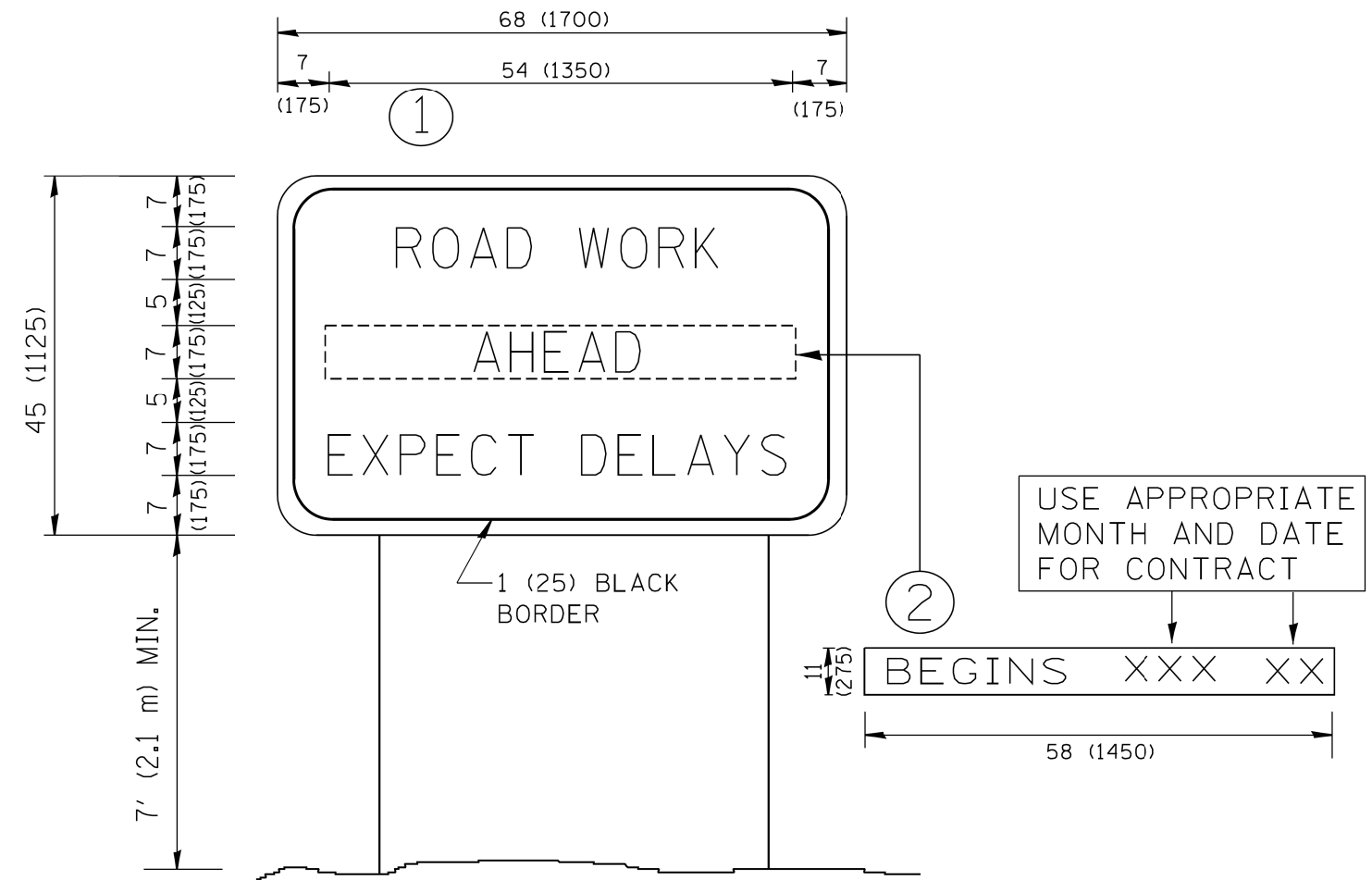
 WEST M3-4-2412

 DETOUR M4-8-2412



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

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - 10-18-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR SIGNING FOR CLOSING STATE HIGHWAYS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\p\WID0T\DRIVAKOSGN\d0108315\121.dgn		DRAWN -	REVISED - R. BORO 09-14-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-21			110	81
		PLOT SCALE = 49,9999' / IN.	REVISED -						CONTRACT NO.				
		PLOT DATE = 9/14/2009	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

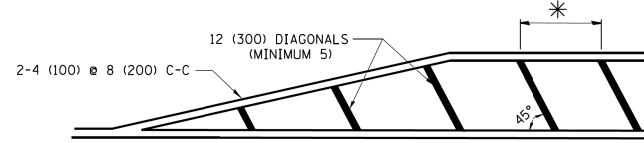
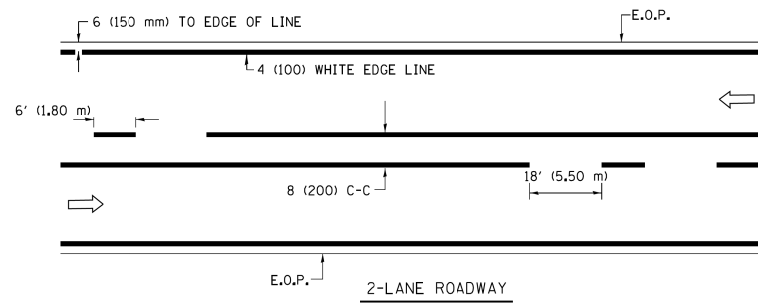


**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

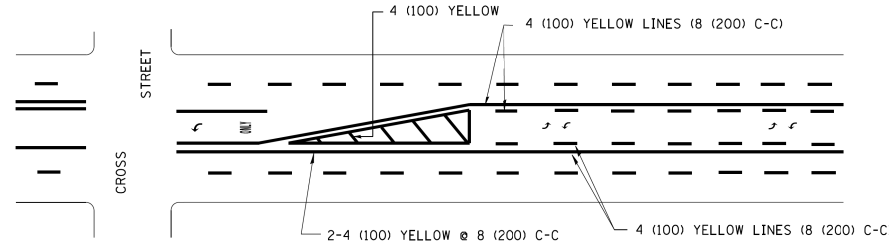
FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = geglano	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22	CONTRACT NO.	110	82
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT							



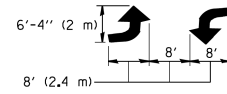
\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

\* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

**PAINTED MEDIANS**

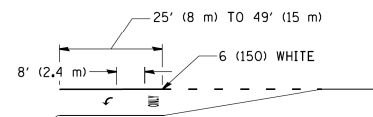
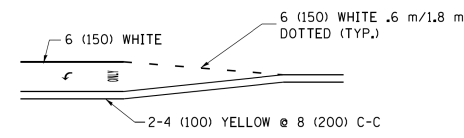


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

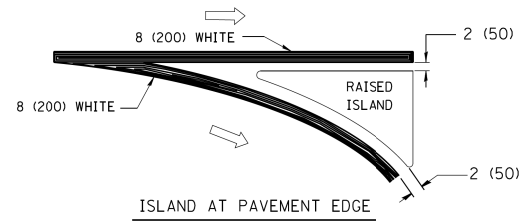
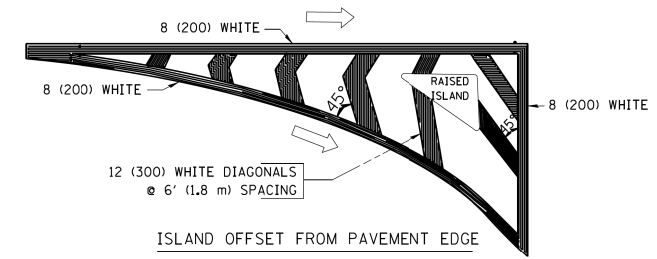


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) ONLY AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

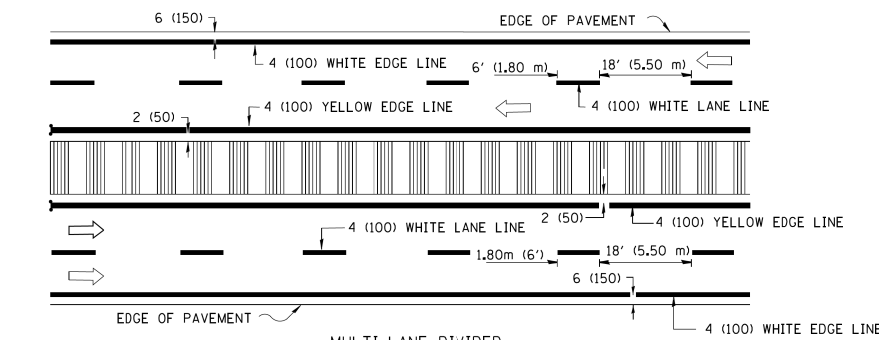
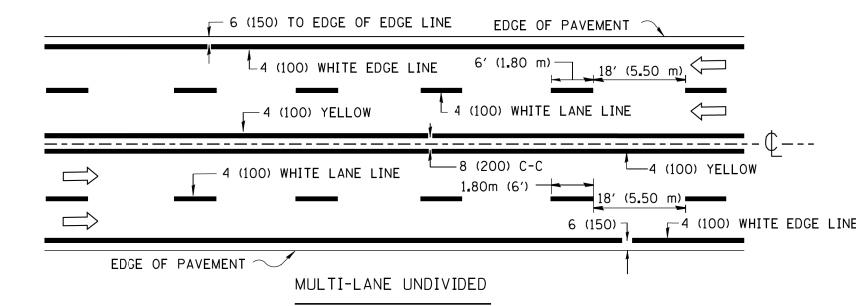


**TYPICAL ISLAND MARKING**

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK. IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; WHITE; ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )

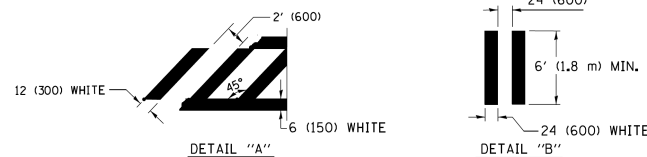
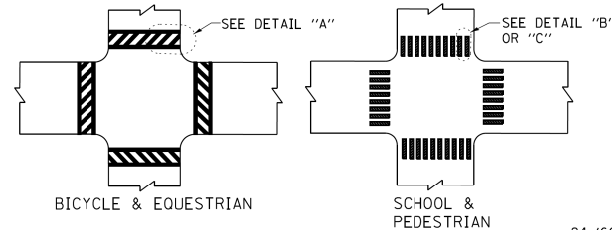
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

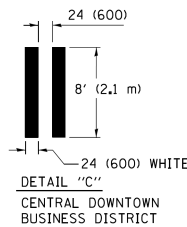


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**



**TYPICAL CROSSWALK MARKING**



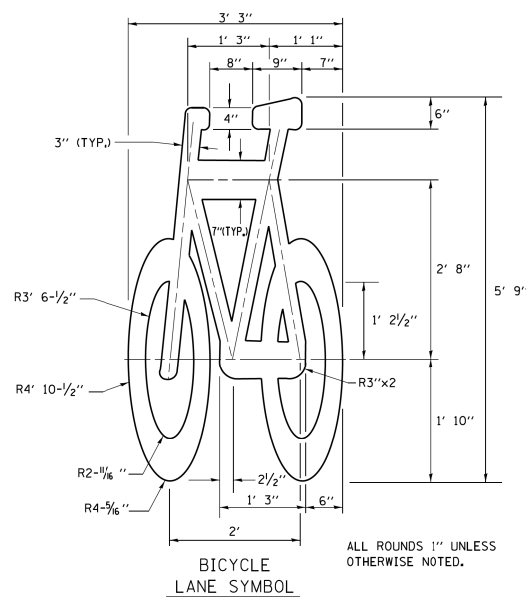
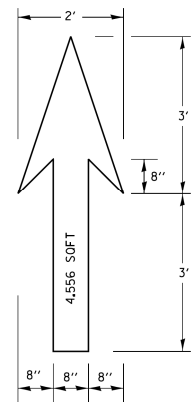
DETAIL "C"  
CENTRAL DOWNTOWN BUSINESS DISTRICT

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
ca:\pwork\pwork\dot\drivakosgn\d0108315\tp24.dgn		DRAWN -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 50,000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/1/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CITY OF CHICAGO</b>			
<b>TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-24		110	83
FED. ROAD DIST. NO. 1 ILLINOIS		CONTRACT NO.		
FED. AID PROJECT				



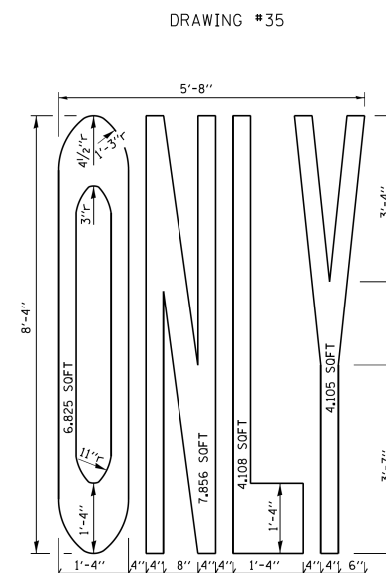
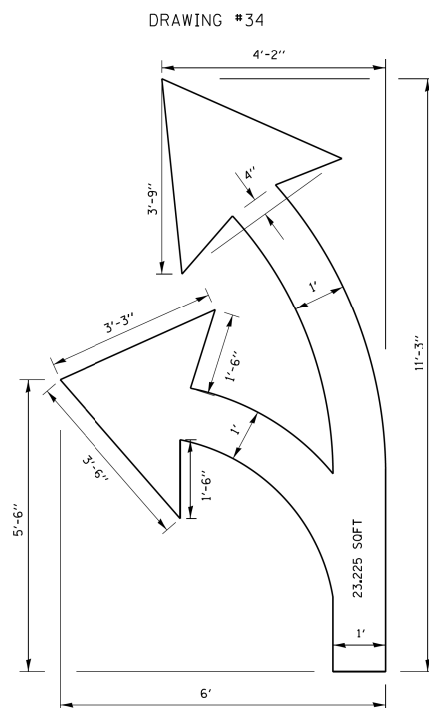
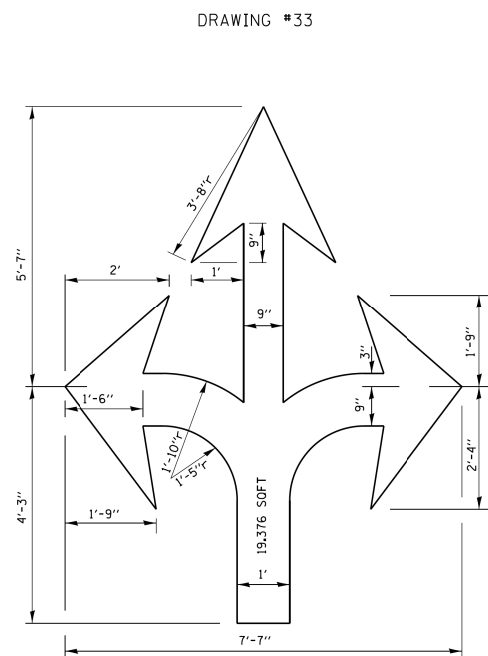
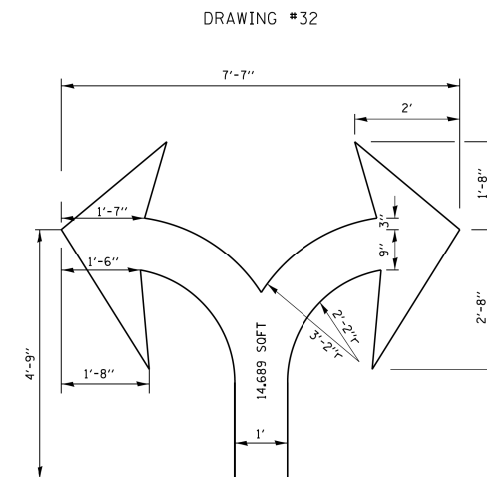
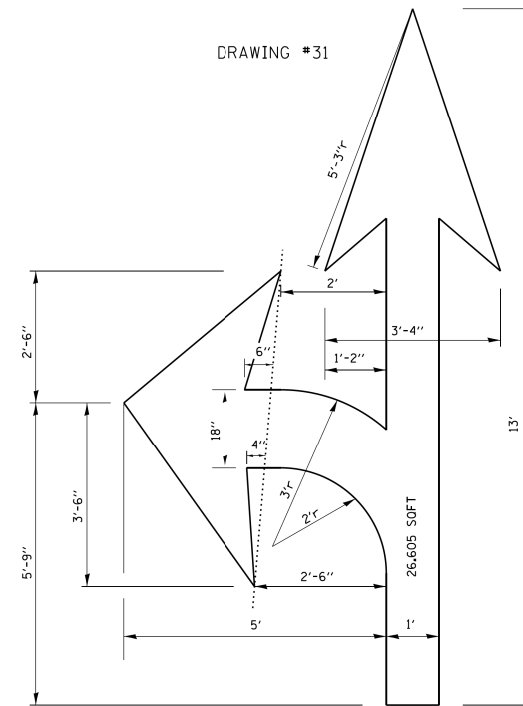
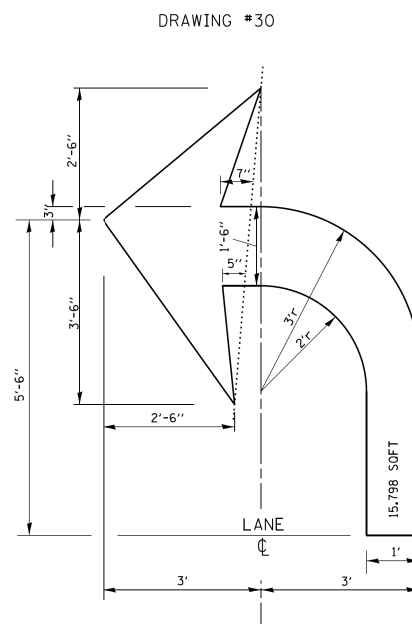
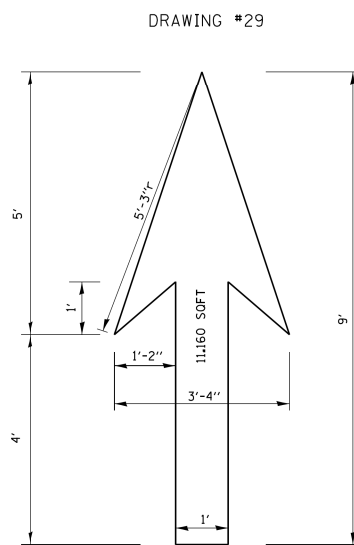
ALL ROUNDS 1" UNLESS OTHERWISE NOTED.

BICYCLE LANE SYMBOL

**NOTE:**

- FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
- THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS  
DRAWING #28



**NOTE:**

ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

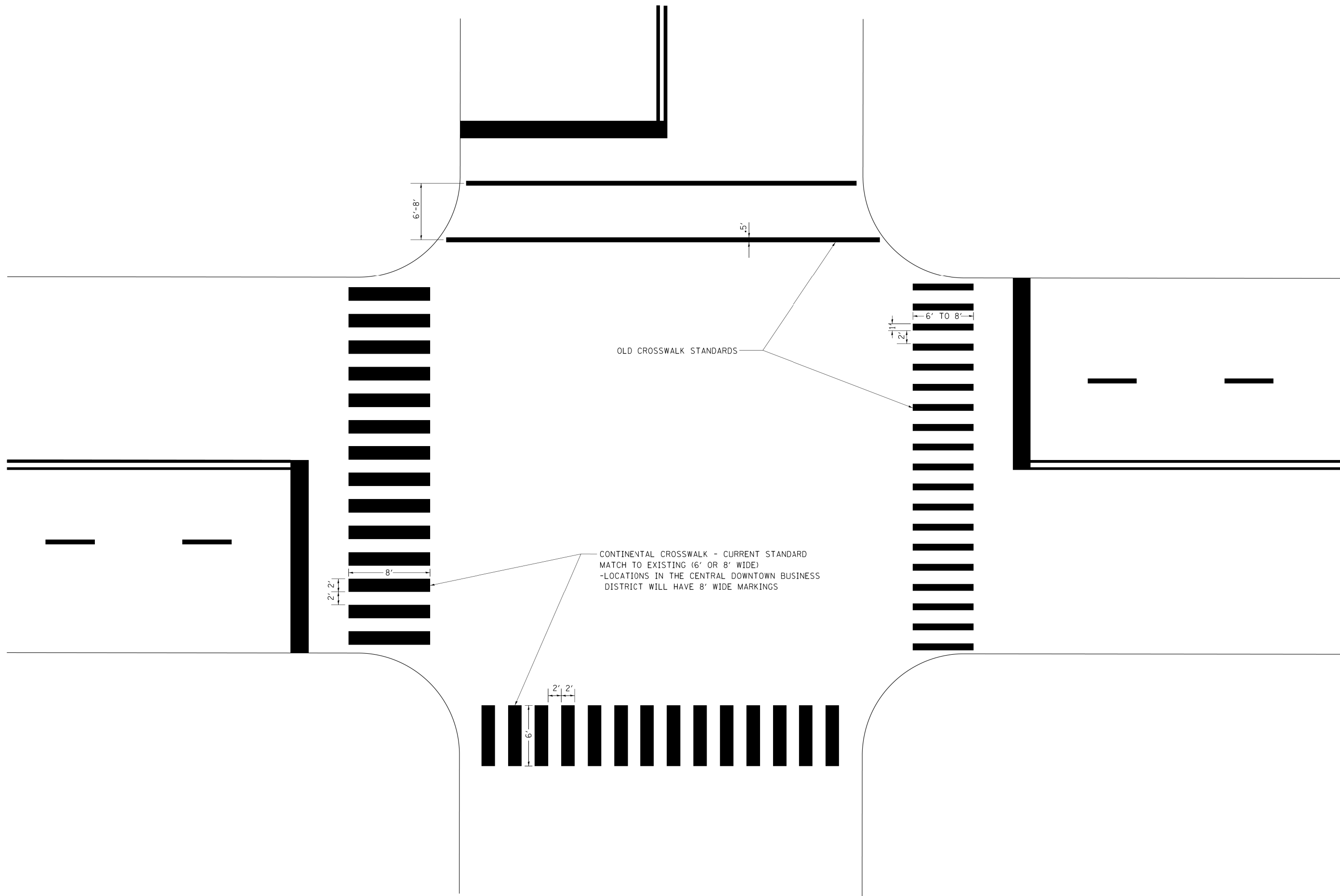
FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
cs:\pwwork\pwwork\drivakosgn\d0108315\te24.dgn		DRAWN -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 50.000 1' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/29/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-24		110	84
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



OLD CROSSWALK STANDARDS

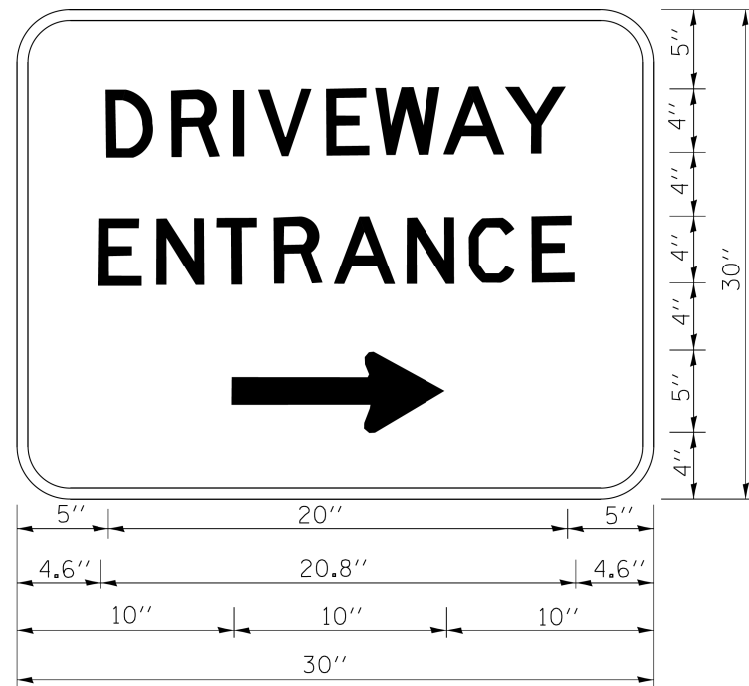
CONTINENTAL CROSSWALK - CURRENT STANDARD  
 MATCH TO EXISTING (6' OR 8' WIDE)  
 -LOCATIONS IN THE CENTRAL DOWNTOWN BUSINESS  
 DISTRICT WILL HAVE 8' WIDE MARKINGS

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
c:\pwork\pwork\drivakosgn\d0108315\tc24.dgn		DRAWN -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/29/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CITY OF CHICAGO</b>			
<b>TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET NO. 3	OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			110	85
<b>TC-24</b>			CONTRACT NO.	
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



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

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE  
 PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)  
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY  
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE  
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = gaglanobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ci:\pwork\pwork\gaglanobt\d0108315\tp8.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

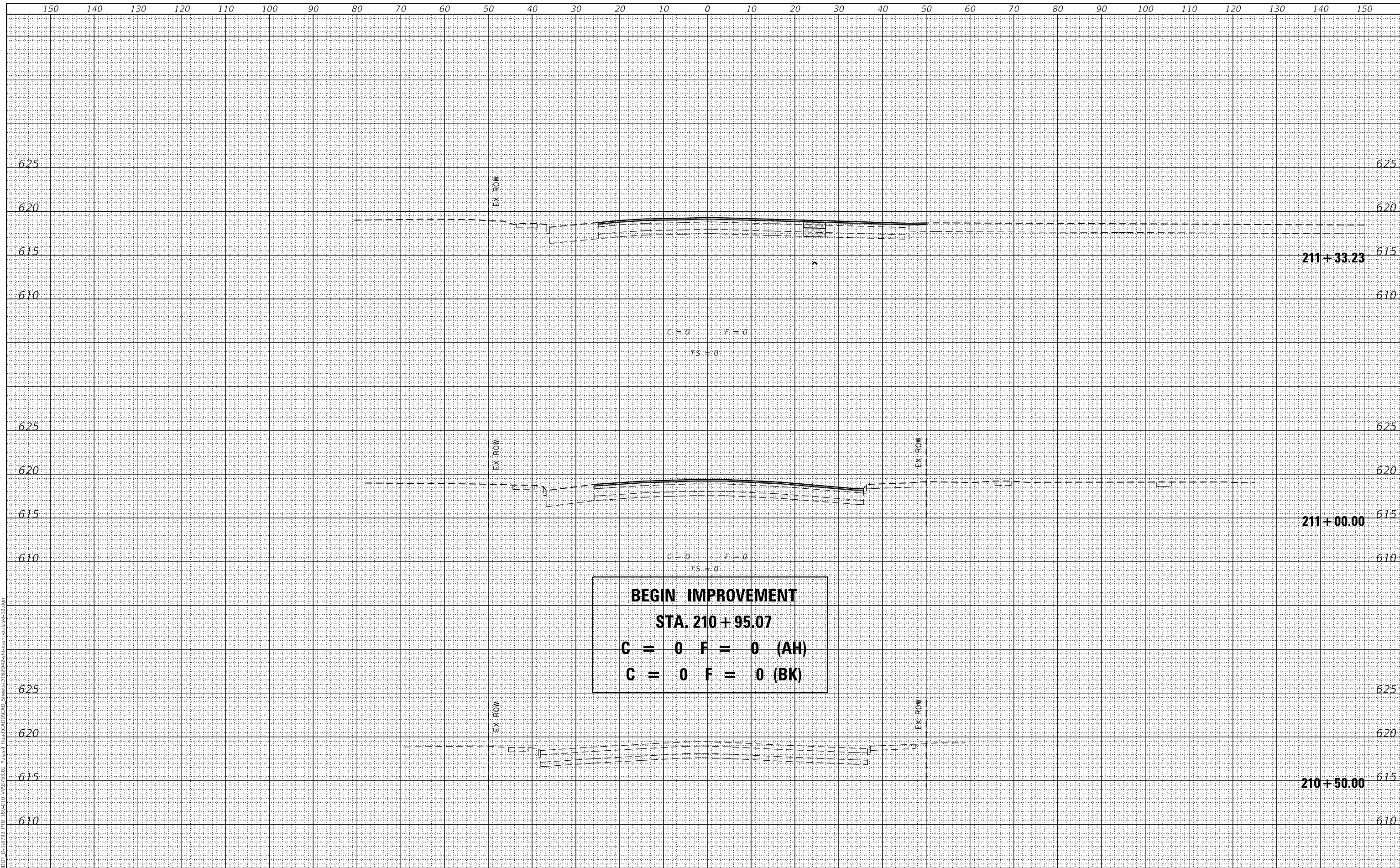
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			110	86
<b>TC-26</b>			<b>CONTRACT NO.</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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



MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-18193\_PTB\_18-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42-spc-shs-culbask.Dwg  
 design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

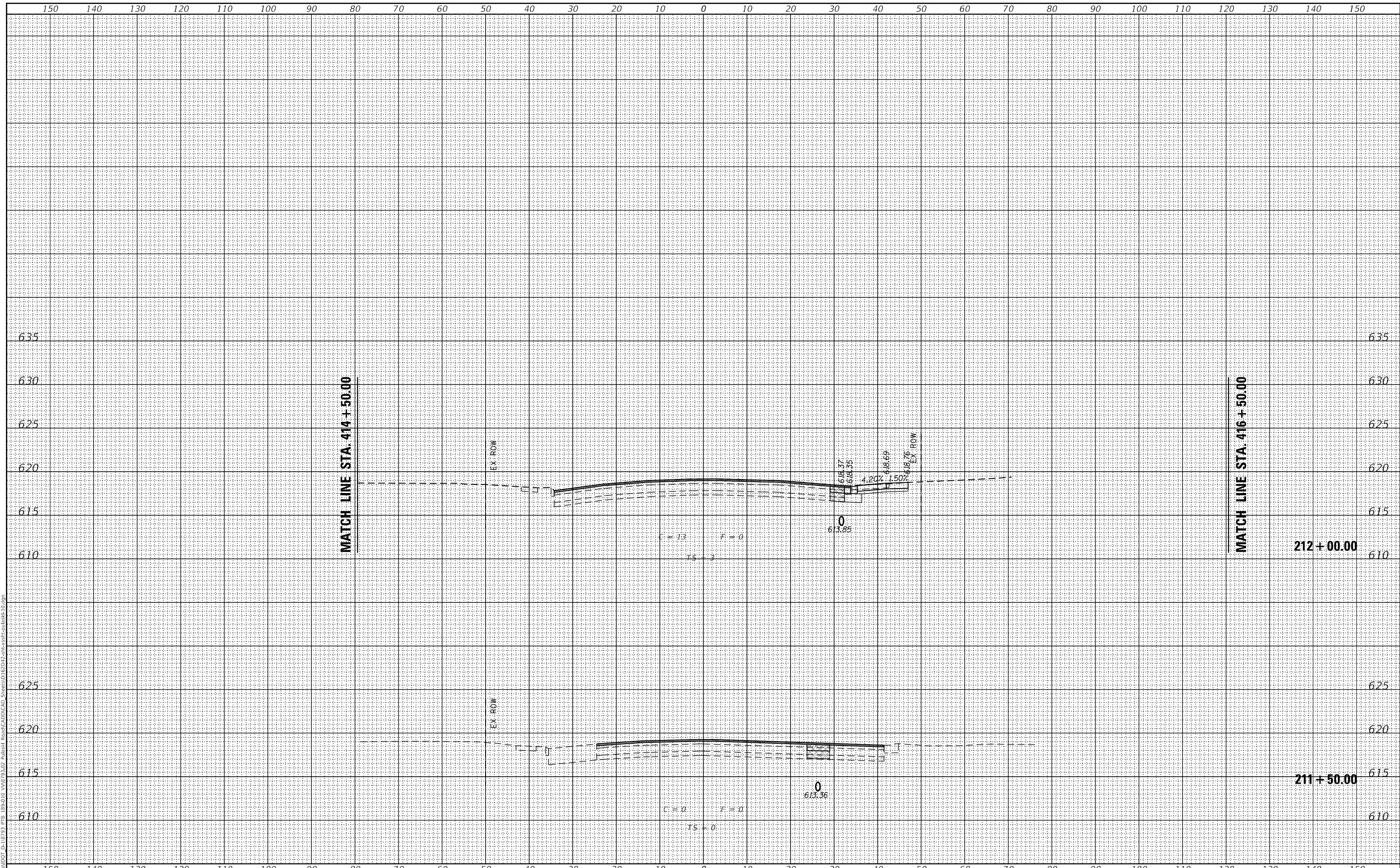
CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE  
 SCALE: 1" = 10'  
 SHEET 1 OF 12 SHEETS  
 STA. 210+50.00 TO STA. 211+33.23

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	87
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT-D-18193-RTB-18-010\W879302 Pulaski Road\CADD\CAD Sheets\62D42-sec-shs-ctn-110-110.dgn



design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 10' SHEET 2 OF 12 SHEETS STA. 211+50.00 TO STA. 212+00.00

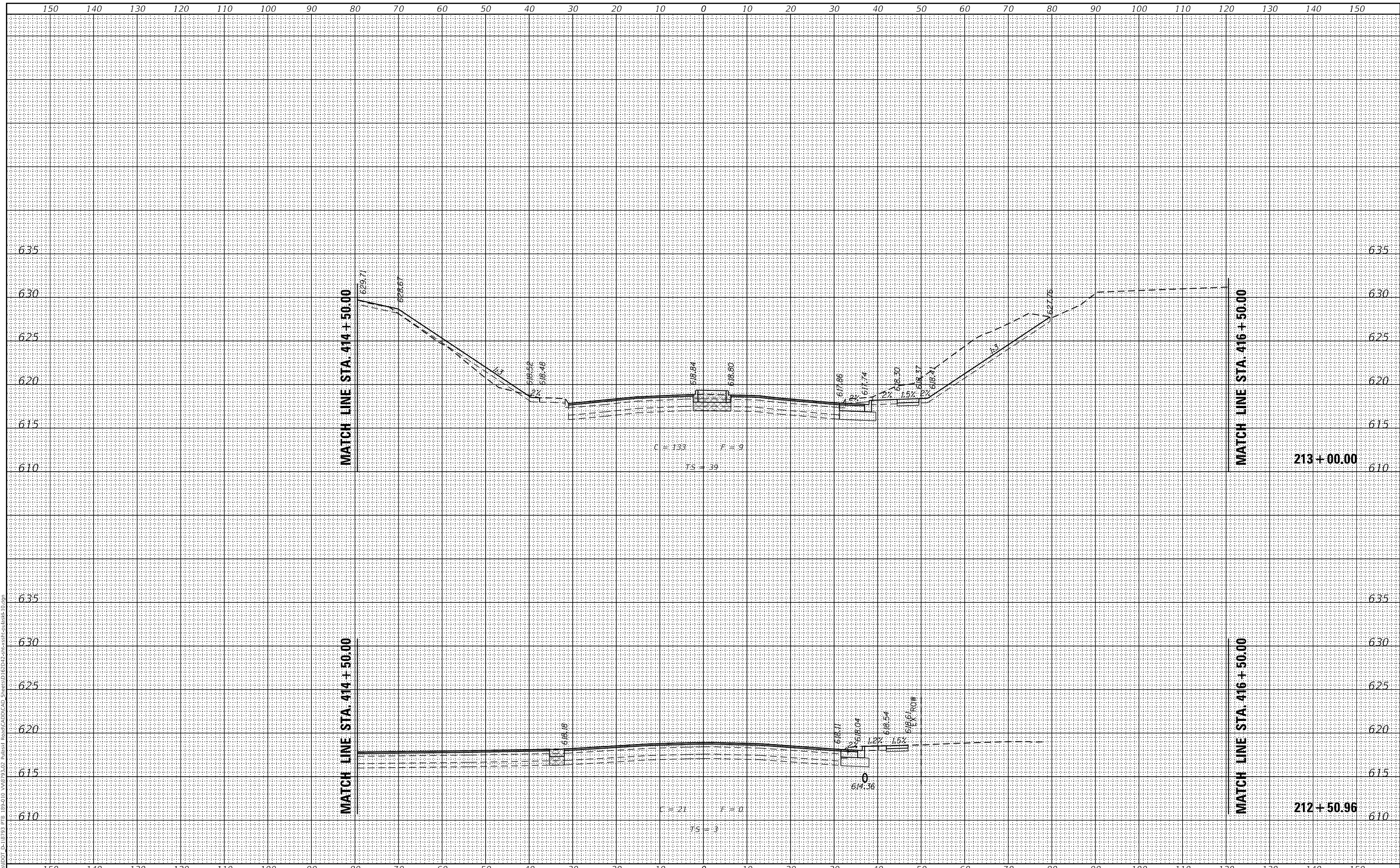
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	88
CONTRACT NO. 62D42				

ILLINOIS FED. AID PROJECT

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

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-181933\_PTB\_189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\162-D12-sec111-111-111-111.dgn



design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

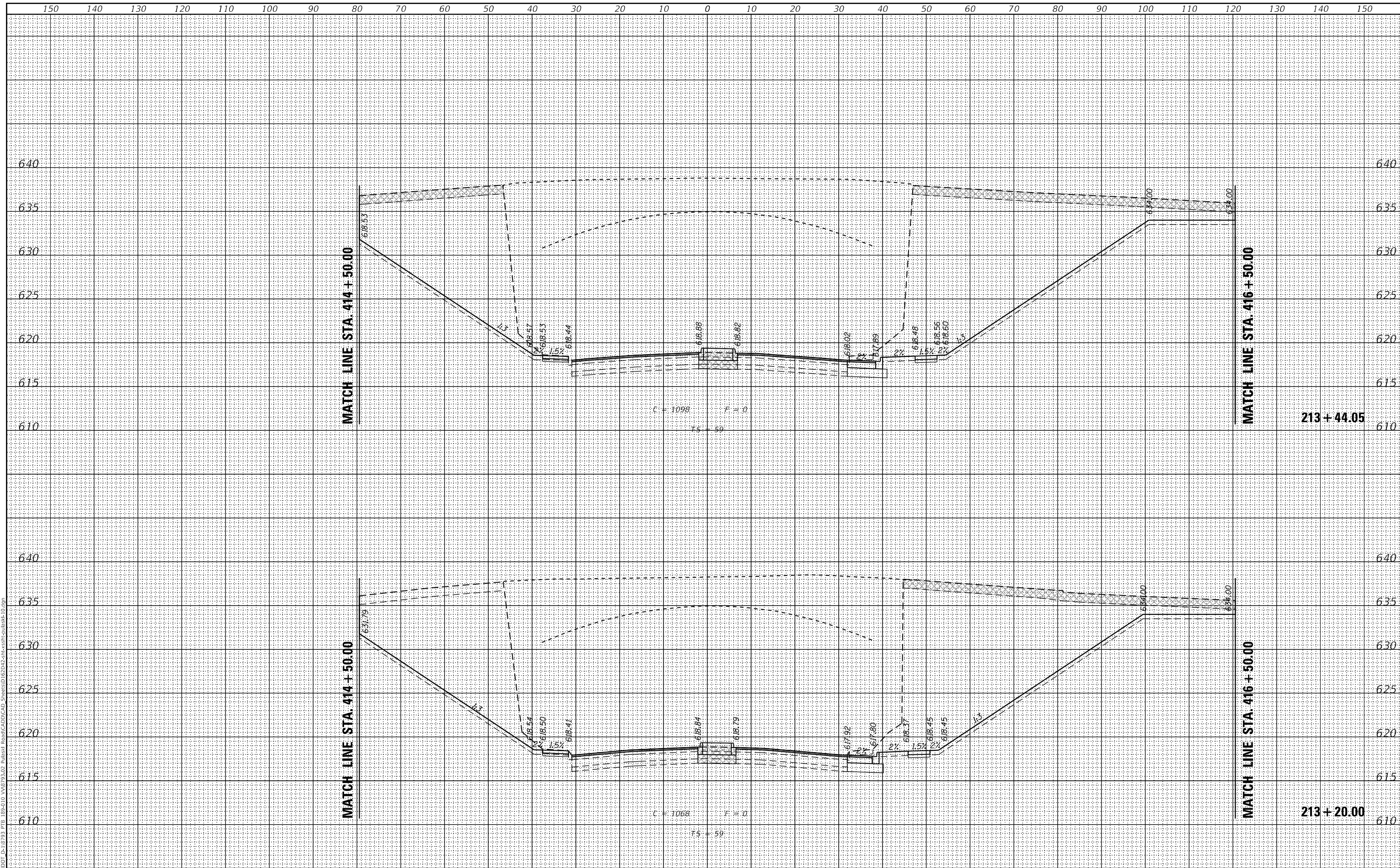
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 3 OF 12 SHEETS  
 STA. 212+50.96 TO STA. 213+00.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 89
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS
	CHECKED



MODEL: Default  
 FILE NAME: E:\projects\DOT-D-18193-RTB-18-010-V087-2302-Pulaski-Road-CADD\CAD-Sheets\162-D12-sec-ash-culvert-Dwg.dgn  
 Design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 4 OF 12 SHEETS  
 STA. 213+20.00 TO STA. 213+44.05

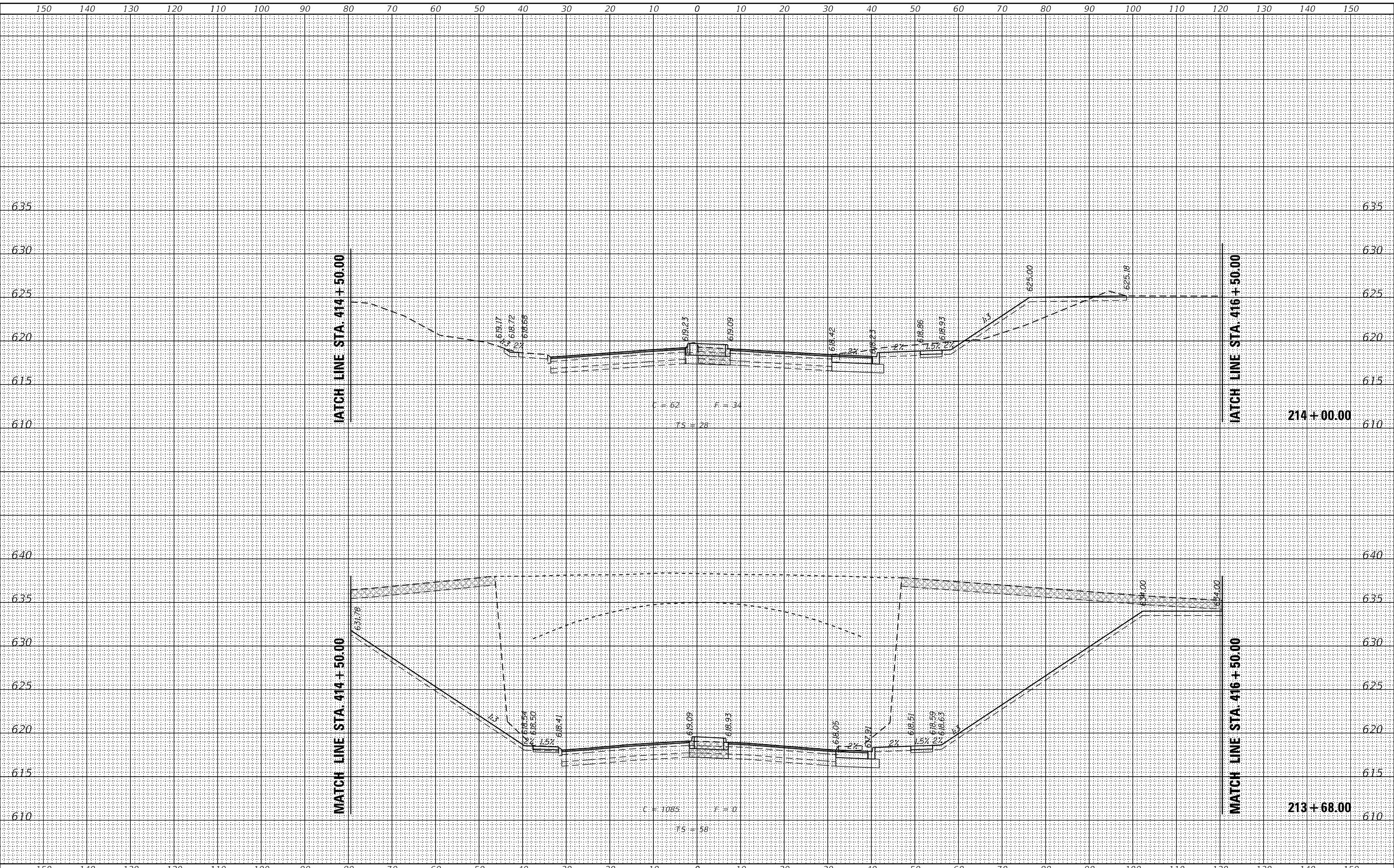
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	90
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-18193\_PTB\_18-010\_V087302\_Pulaski\_Road\CADD\CAD\_Sheets\162-D12-Cross-Sections\162-D12.dwg  
 Design firm no. 184001036



USER NAME	= gjameson
DESIGNED	- RKA
CHECKED	- SDS
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 2/5/2020

DESIGNED	- RKA	REVISED	
CHECKED	- SDS	REVISED	
DRAWN	- GSI	REVISED	
CHECKED	- RKA	REVISED	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

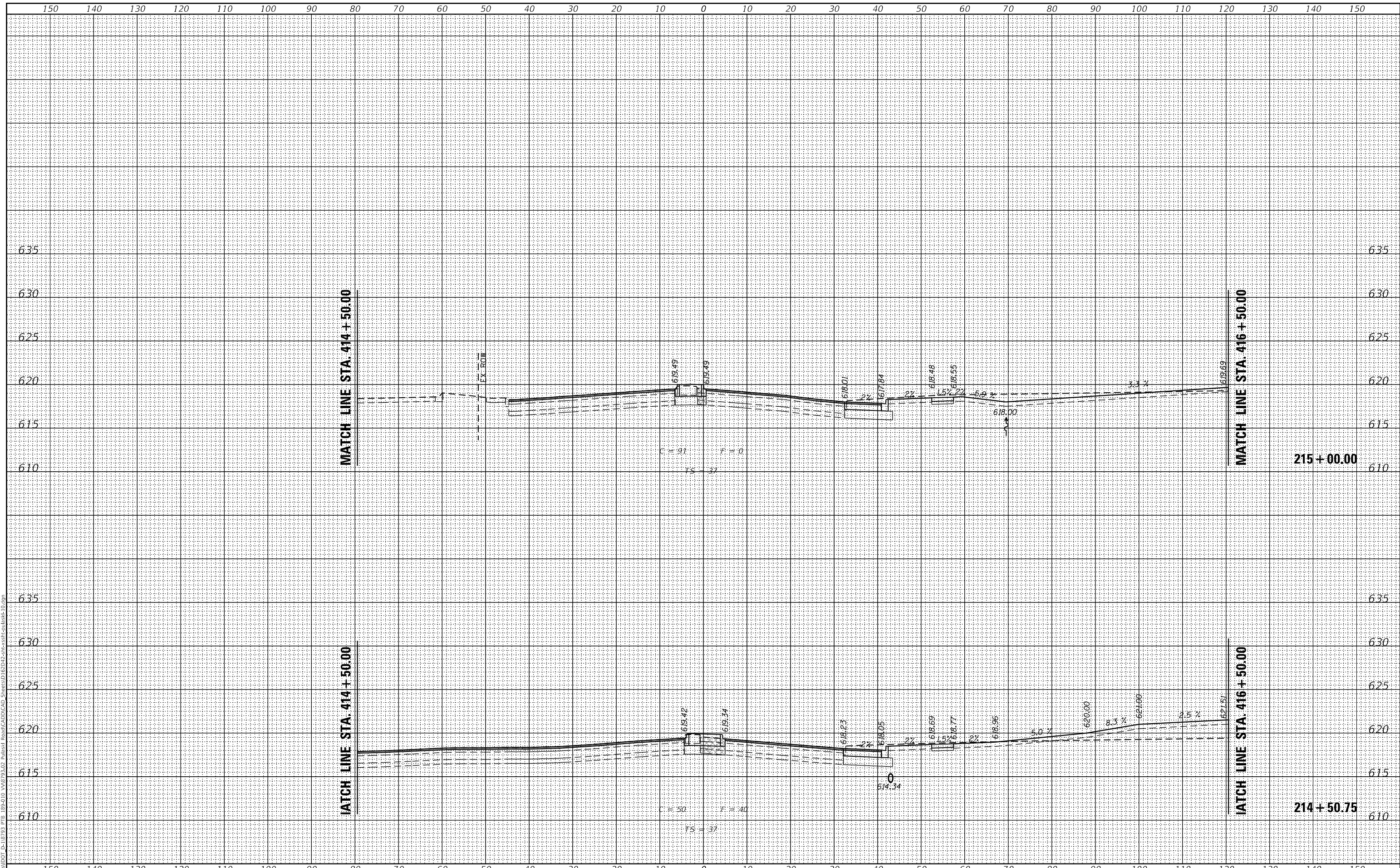
CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE  
 SCALE: 1" = 10'  
 SHEET 5 OF 12 SHEETS  
 STA. 213+68.00 TO STA. 214+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	91
				CONTRACT NO. 62D42
				ILLINOIS FED. AID PROJECT

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

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-18193\_PFB\_18-010\_V087302\_Pulaski\_Road\CADD\CAD\_Sheets\162-D12-sec-cross-sections.dwg



design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 6 OF 12 SHEETS  
 STA. 214+50.75 TO STA. 215+00.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 92
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



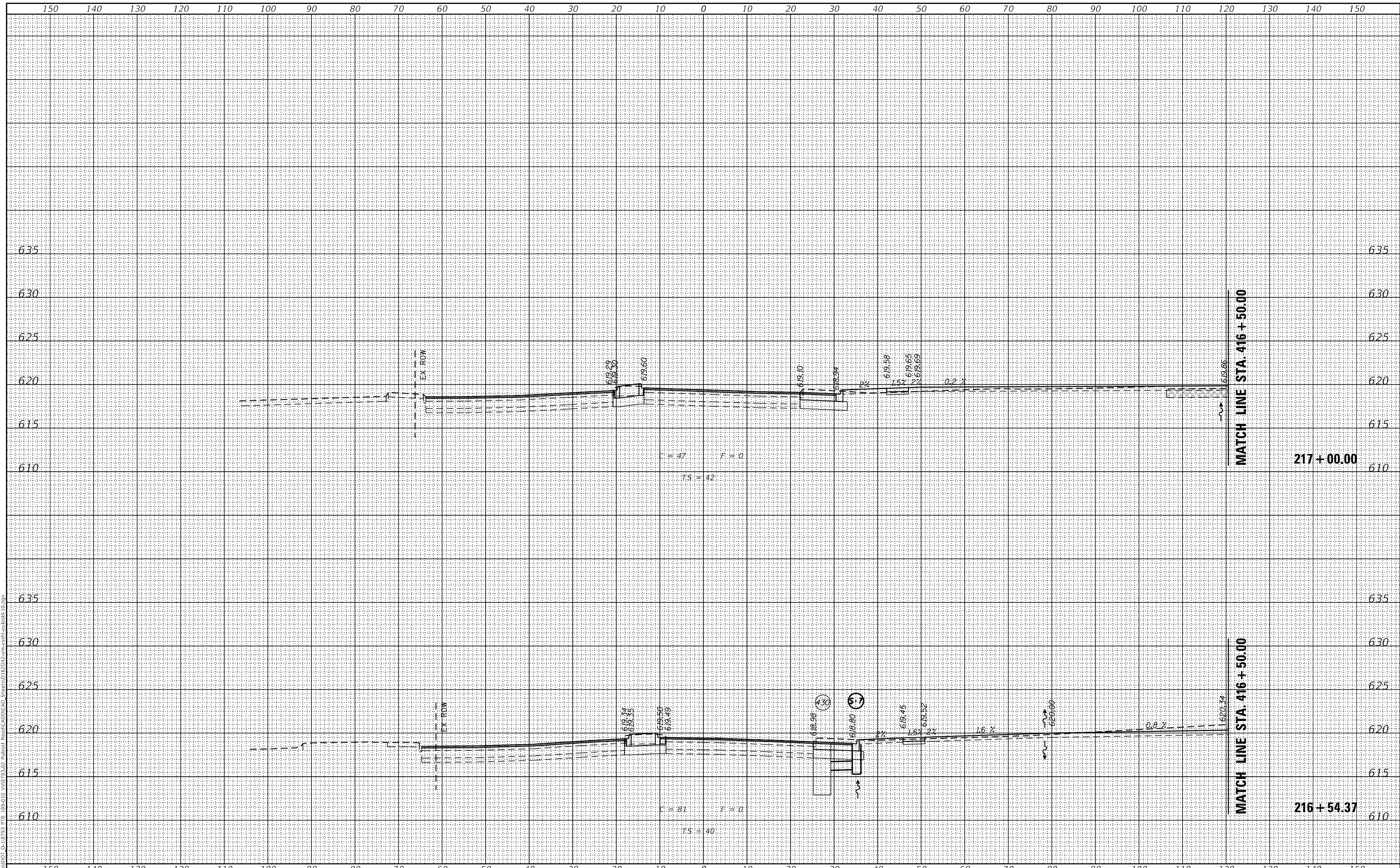




FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-18193\_PTB\_18-010\_V087302\_Pulaski\_Road\CADD\CAD\_Sheets\162D42-ss-hs-hi-culvert.dwg



design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**

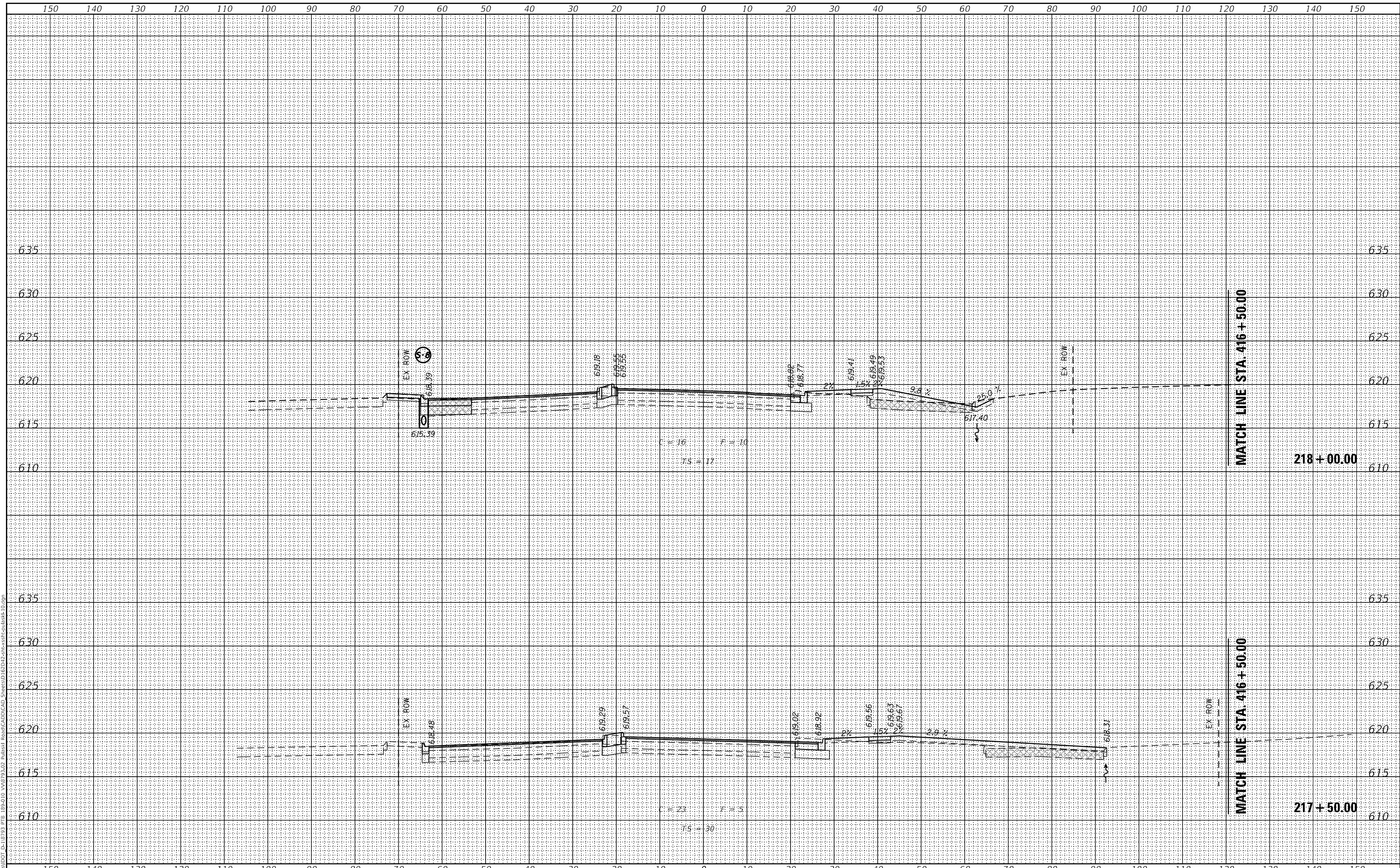
SCALE: 1" = 10'  
 SHEET 9 OF 12 SHEETS  
 STA. 216+54.37 TO STA. 217+00.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 95
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default  
 FILE NAME: E:\projects\DOT\_D-181933\_PTB\_189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\162-D12-sec11-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000



MODEL: Default  
 FILE NAME: E:\projects\DOT\_D-181933\_PTB\_189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\162-D12-sec11-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

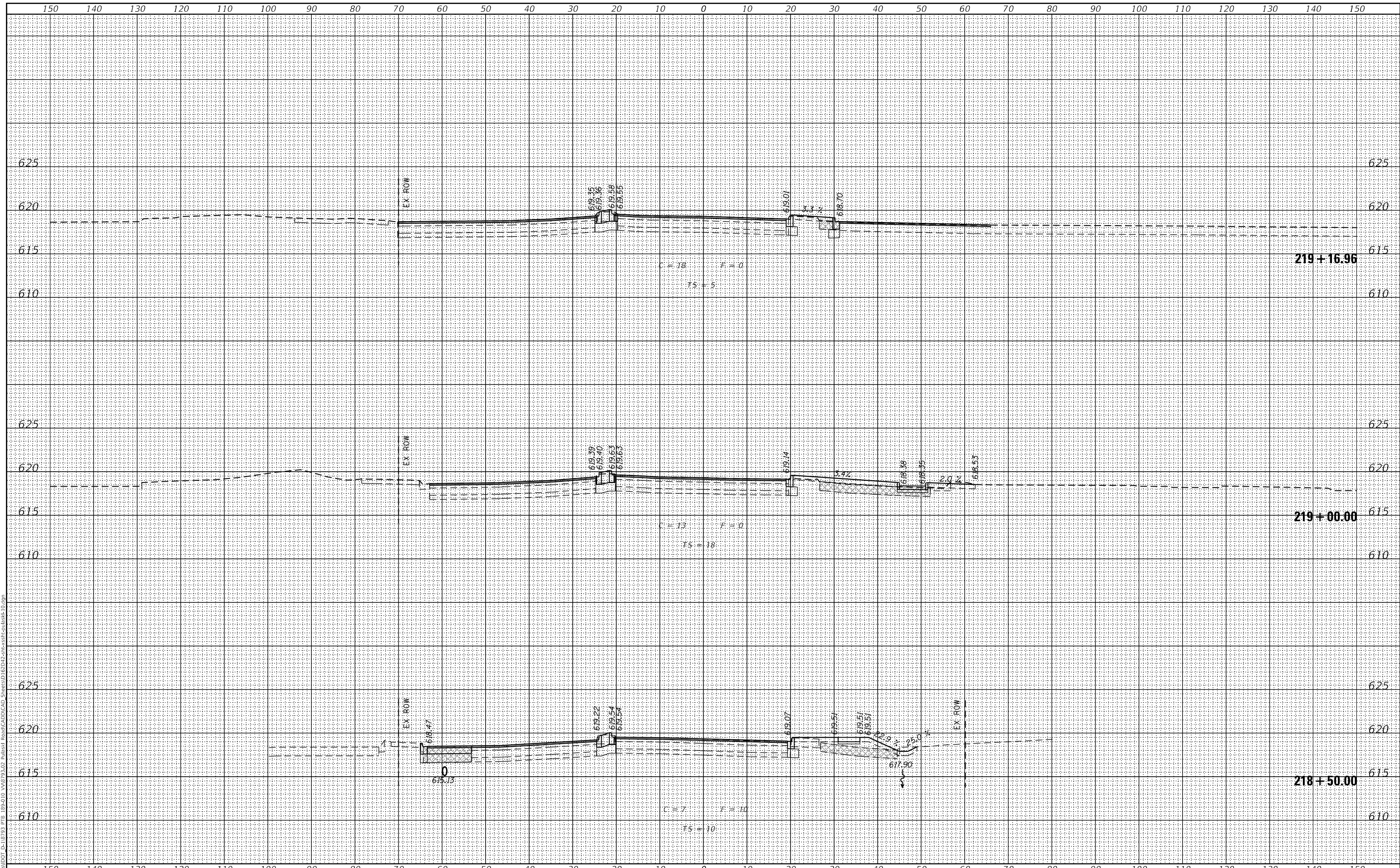
CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE  
 SCALE: 1" = 10'  
 SHEET 10 OF 12 SHEETS  
 STA. 217+50.00 TO STA. 218+00.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 96
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-18193\_PTB\_189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42-sec11-shs11-111111.dwg



design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REVISED
	CHECKED - SDS	REVISED
PLOT SCALE = 20.0000' / in.	DRAWN - GSI	REVISED
PLOT DATE = 2/5/2020	CHECKED - RKA	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PULASKI ROAD  
 PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 10'

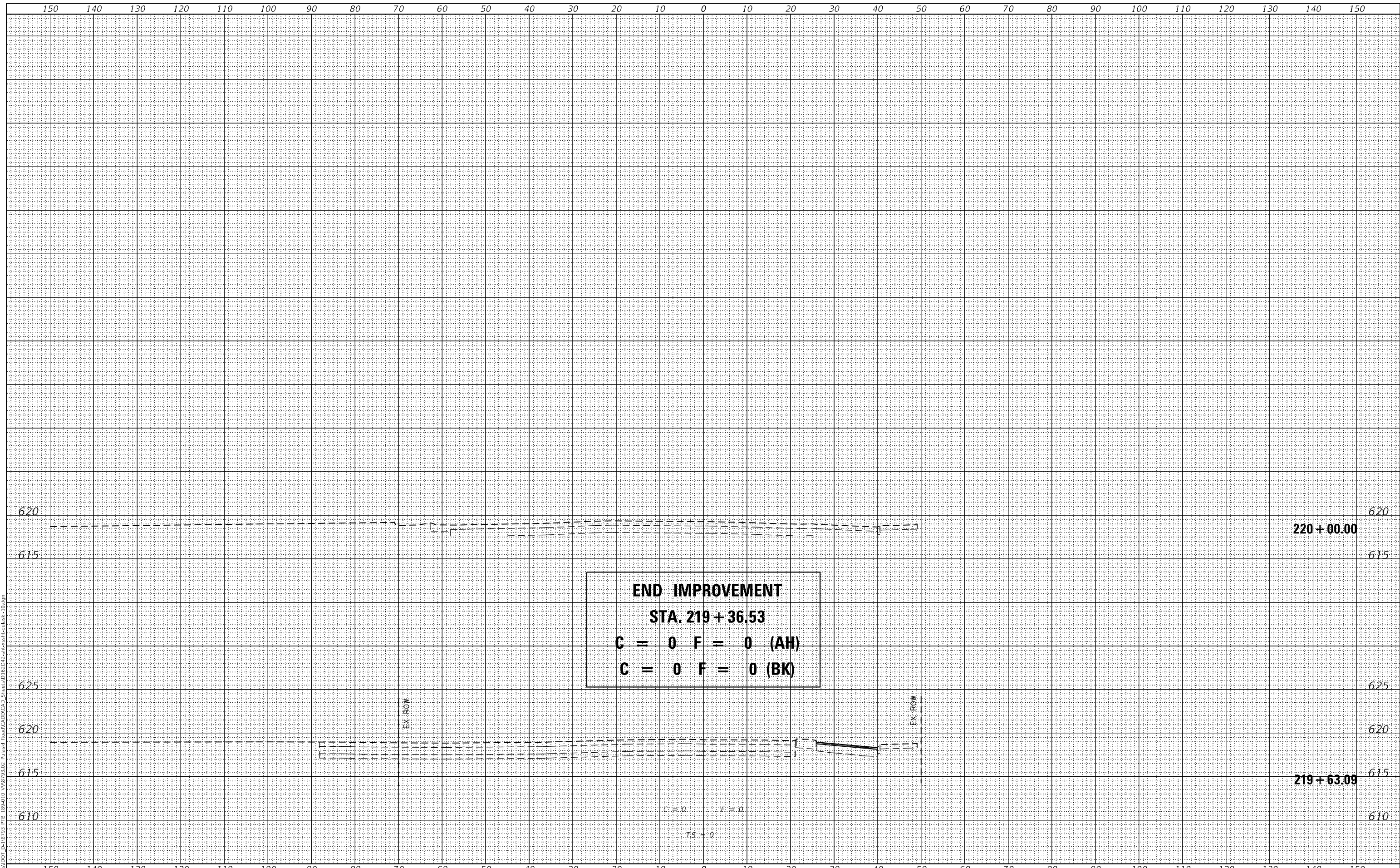
SHEET 11 OF 12 SHEETS STA. 218+50.00 TO STA. 219+16.96

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	97
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit  
 FILE NAME: E:\projects\DOT\_D-18193\_PTB\_18-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42-sec-ash-culvert.dgn



design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME	= gjameson	DESIGNED	- RKA	REVISED	
		CHECKED	- SDS	REVISED	
PLOT SCALE	= 20.0000' / in.	DRAWN	- GSI	REVISED	
PLOT DATE	= 2/5/2020	CHECKED	- RKA	REVISED	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

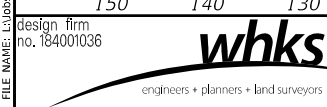
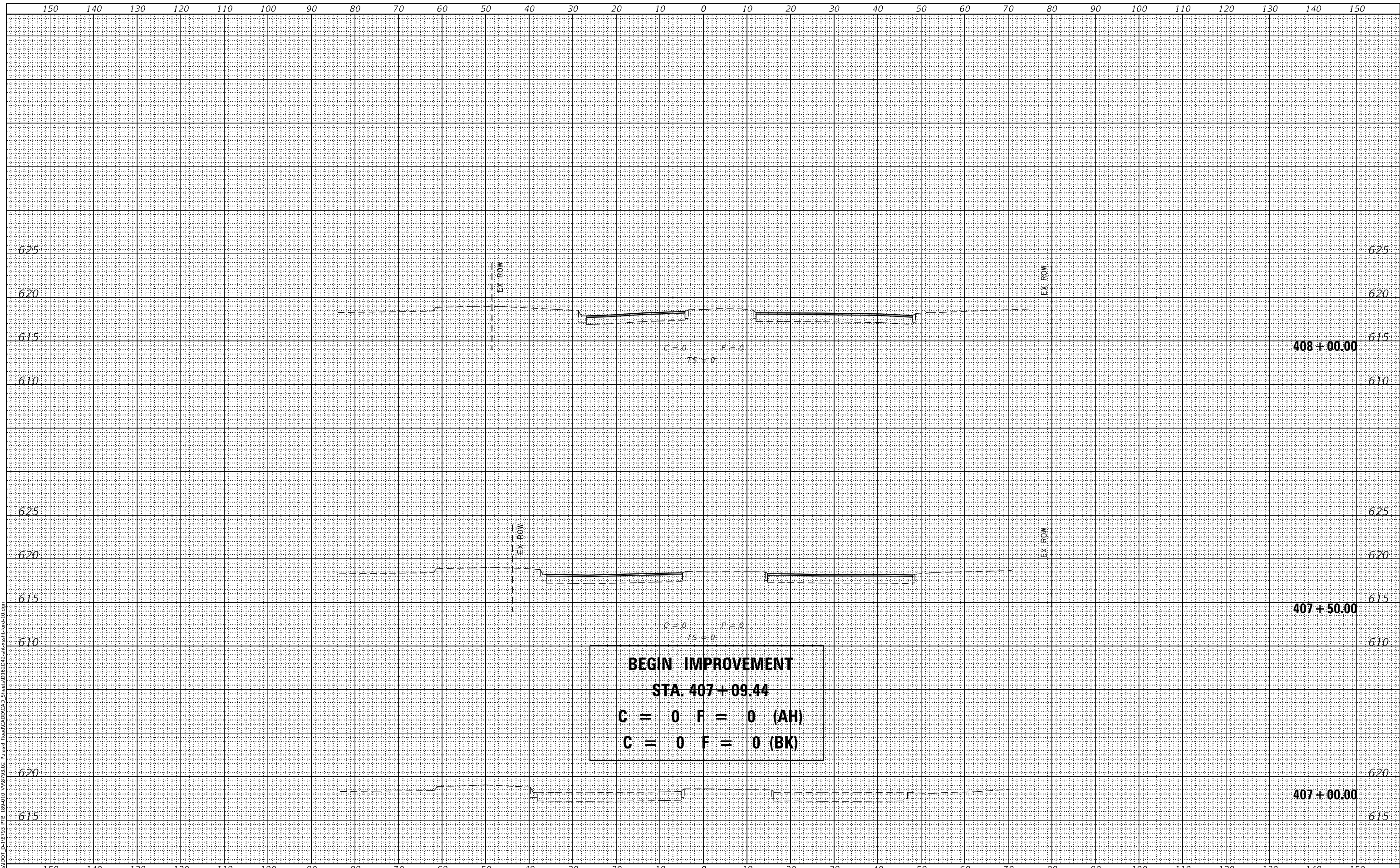
**CROSS SECTIONS - PULASKI ROAD**  
**PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 12 OF 12 SHEETS  
 STA. 219+63.09 TO STA. 220+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	1919-N(16)	COOK	110	98
				CONTRACT NO. 62D42
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Definit  
 FILE NAME: L:\projects\DOT D-18193\_PTB\_189-010\_V01879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42\_sht-ssht-ford-10.dgn



USER NAME = gjameson	DESIGNED - RKA	REVISIONS
DESIGNED - RKA	DRAWN - SDS	1
CHECKED - SDS	CHECKED - GSI	2
DATE - 2/5/2020	CHECKED - RKA	3

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 10'    SHEET 1 OF 12 SHEETS    STA. 407+00.00 TO STA. 408+00.00

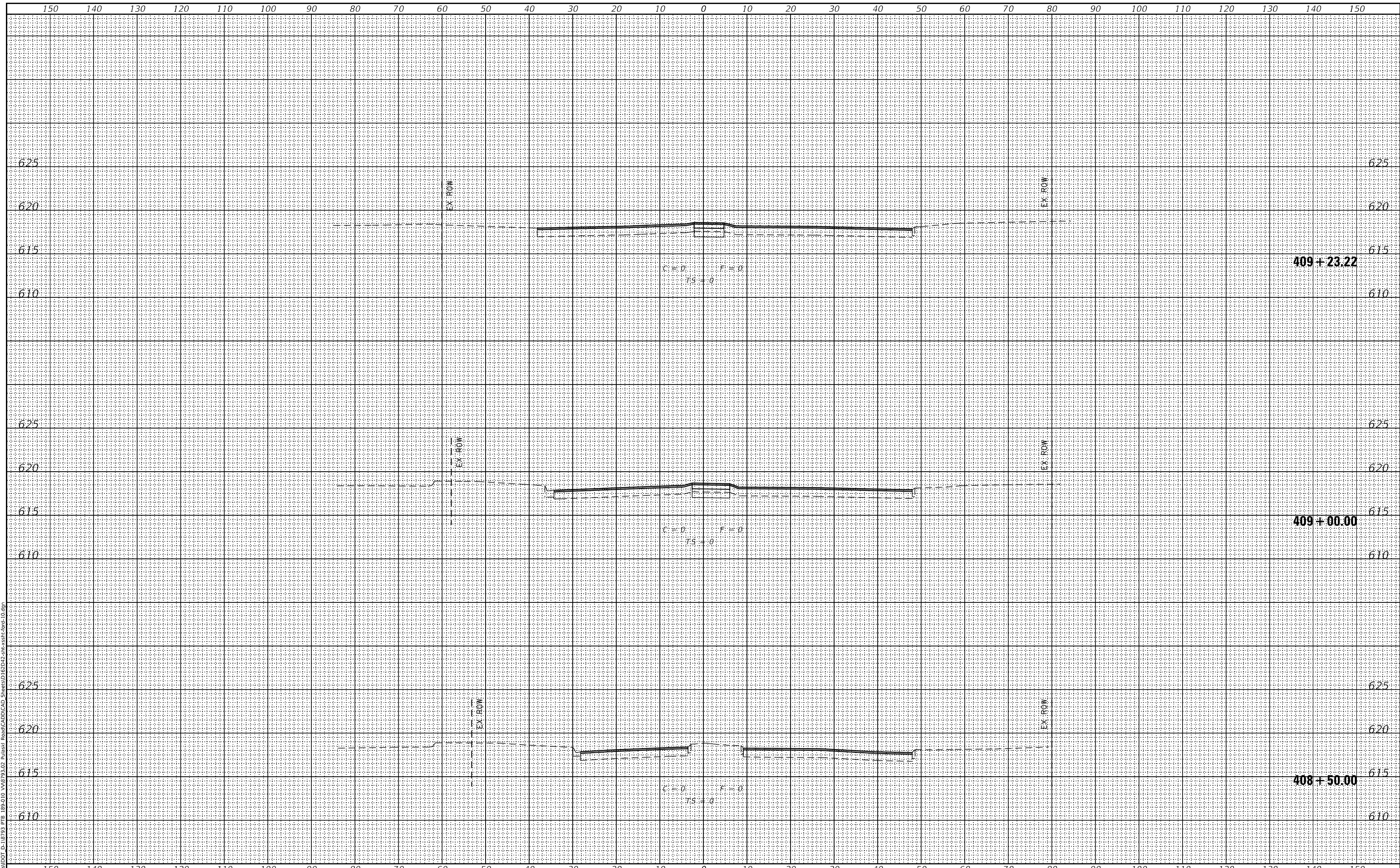
F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 99
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREA'S CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREA'S CHECKED

MODEL: Definit  
 FILE NAME: L:\projects\DOT-D-18193\_PTB-189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42\_sht\ssht-ford-10.dgn



Design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DESIGNED - RKA	DRAWN CHECKED - SDS	DRAWN CHECKED - SDS
SCALE = 20.0000	CHECKED - GSI	REMOVED -
DATE = 2/5/2020	DATE CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

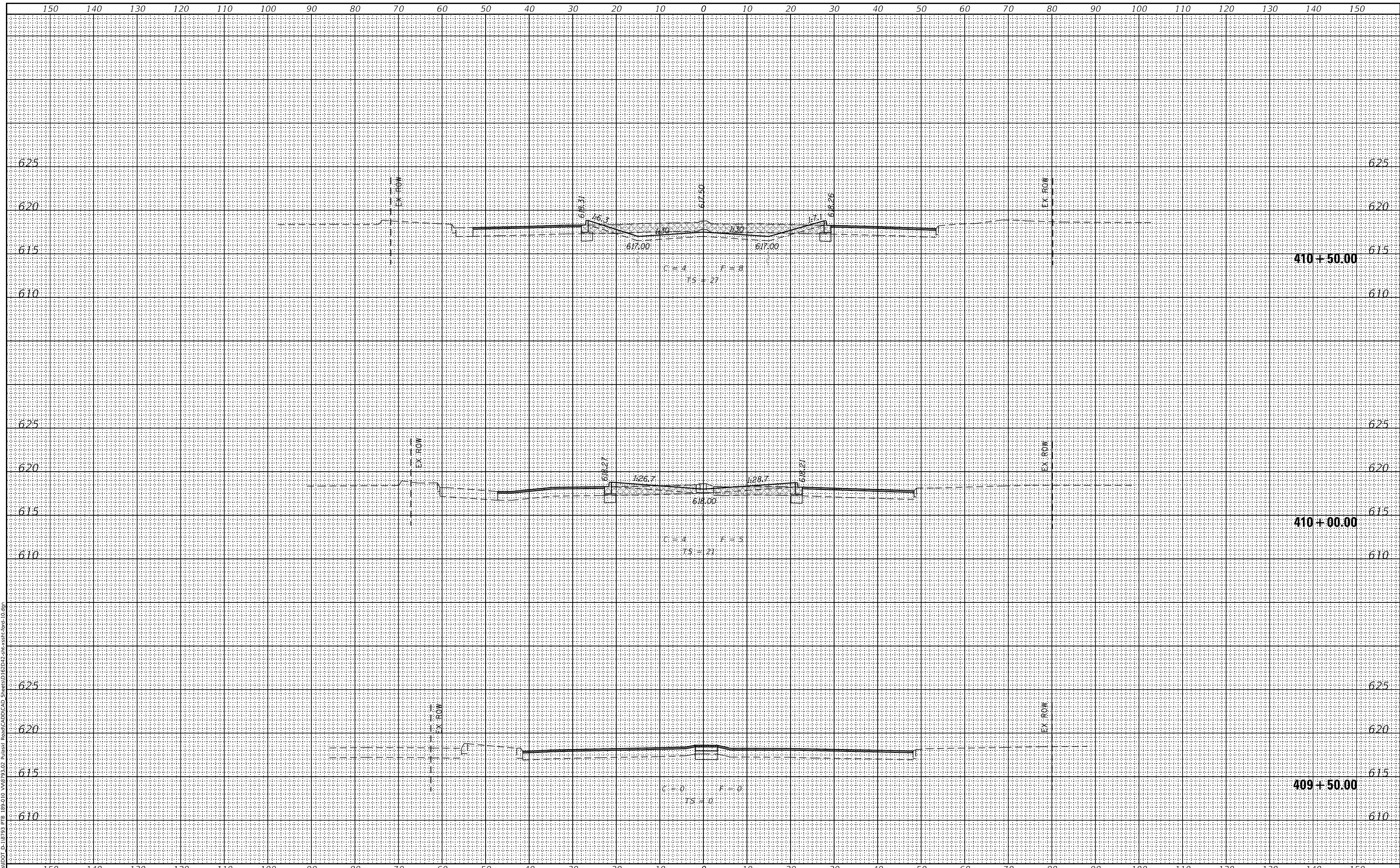
**CROSS SECTIONS - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 2 OF 12 SHEETS  
 STA. 408+50.00 TO STA. 409+23.22

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 100
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit  
 FILE NAME: L:\projects\DOT D-18193\_PTB\_189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42\_sht\ssht-ford-10.dgn



Design firm  
 no. 184001036  
**whks**  
 engineers • planners • land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
PLOT SCALE = 20.0000	DRAWN CHECKED - SDS	REMOVED -
PLOT DATE = 2/5/2020	CHECKED/DRAWN - GSJ	REMOVED -
	DATE CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

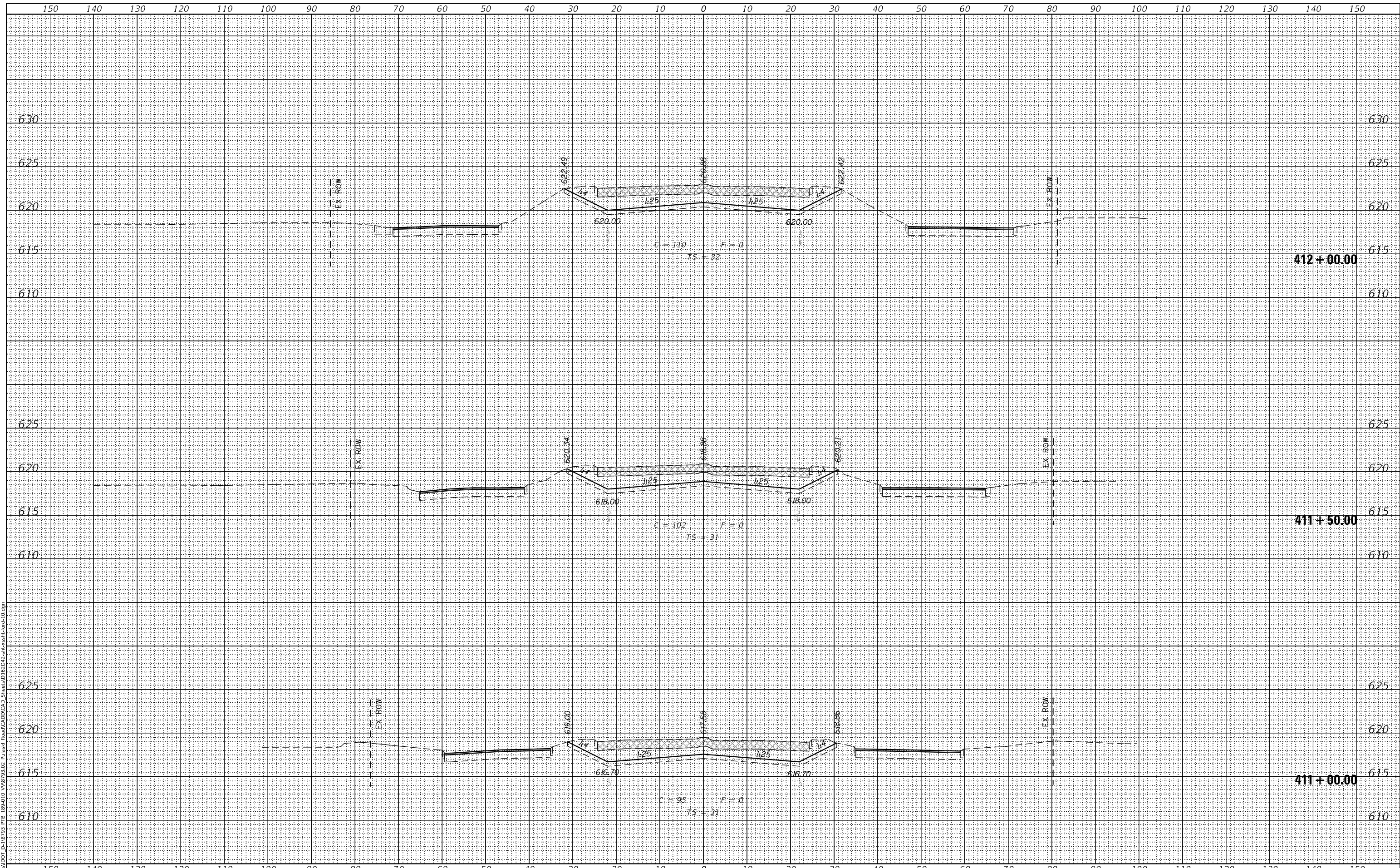
**CROSS SECTIONS - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 3 OF 12 SHEETS  
 STA. 409+50.00 TO STA. 410+50.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 101
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREA'S CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREA'S CHECKED

MODEL: Definit  
 FILE NAME: L:\projects\DOT D-18193\_PTB\_189-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42\_sht\ssht-ford-10.dgn



Design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DATE = 2/5/2020	CHECKED - SDS	REMOVED -
	DRAWN - GSI	REMOVED -
	CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 4 OF 12 SHEETS  
 STA. 411+00.00 TO STA. 412+00.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 102
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

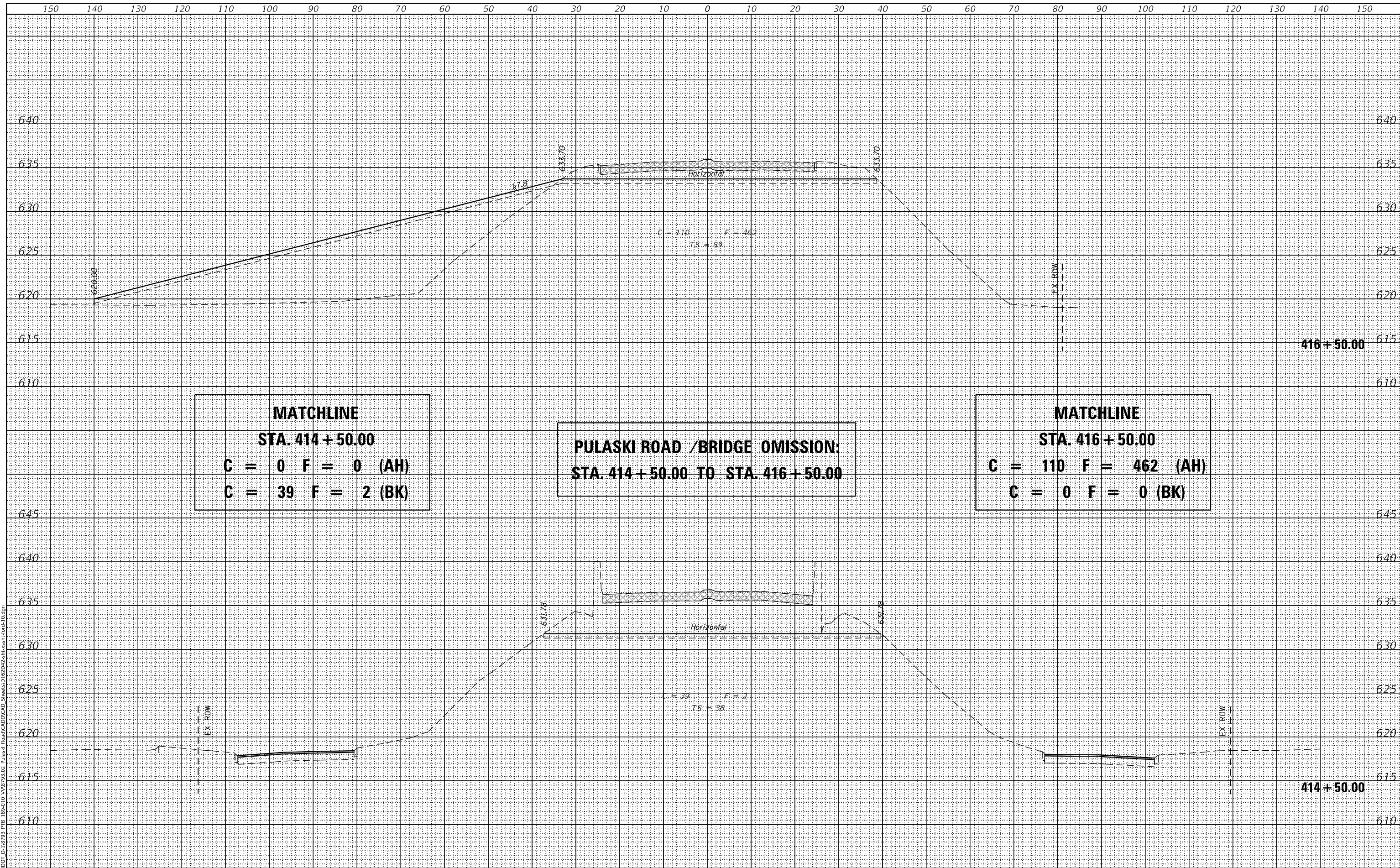






DATE	
BY	
FINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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



**MATCHLINE**  
**STA. 414 + 50.00**  
**C = 0 F = 0 (AH)**  
**C = 39 F = 2 (BK)**

**PULASKI ROAD / BRIDGE OMISSION:**  
**STA. 414 + 50.00 TO STA. 416 + 50.00**

**MATCHLINE**  
**STA. 416 + 50.00**  
**C = 110 F = 462 (AH)**  
**C = 0 F = 0 (BK)**

MODEL: Definit  
 FILE NAME: L:\projects\DOT D-18193\_PTB-189-010\_V1879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42\_sht\ssht-ford-10.dgn  
 Design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DESIGNED - RKA	DRAWN - SDS	REMOVED -
CHECKED - GSI	CHECKED - GSI	REMOVED -
DATE - RKA	CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE**  
**PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 7 OF 12 SHEETS  
 STA. 414+50.00 TO STA. 416+50.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 105
CONTRACT NO. 62D42				

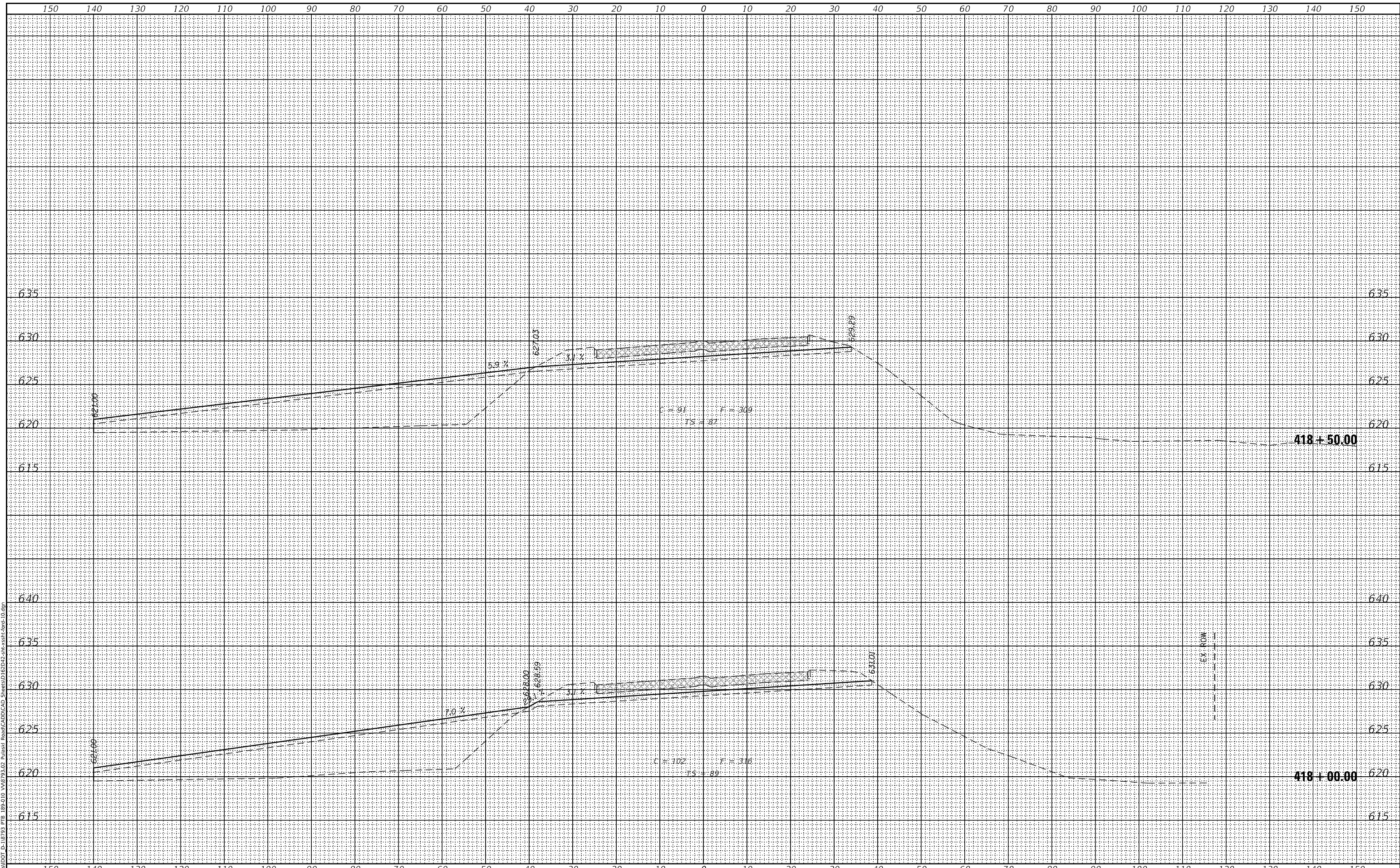
ILLINOIS FED. AID PROJECT



DATE	
BY	
FINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREAS CHECKED

MODEL: Definit  
 FILE NAME: L:\projects\DOT-D-18193\_PFB-18-010\_V0879302\_Pulaski\_Road\CADD\CAD\_Sheets\62D42-shr-ssht-ford-10.dgn



Design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DESIGNED - RKA	DRAWN CHECKED - SDS	REMOVED -
SCALE = 20,000	CHECKED - GSI	REMOVED -
DATE = 2/5/2020	DATE CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 9 OF 12 SHEETS  
 STA. 418+00.00 TO STA. 418+50.00

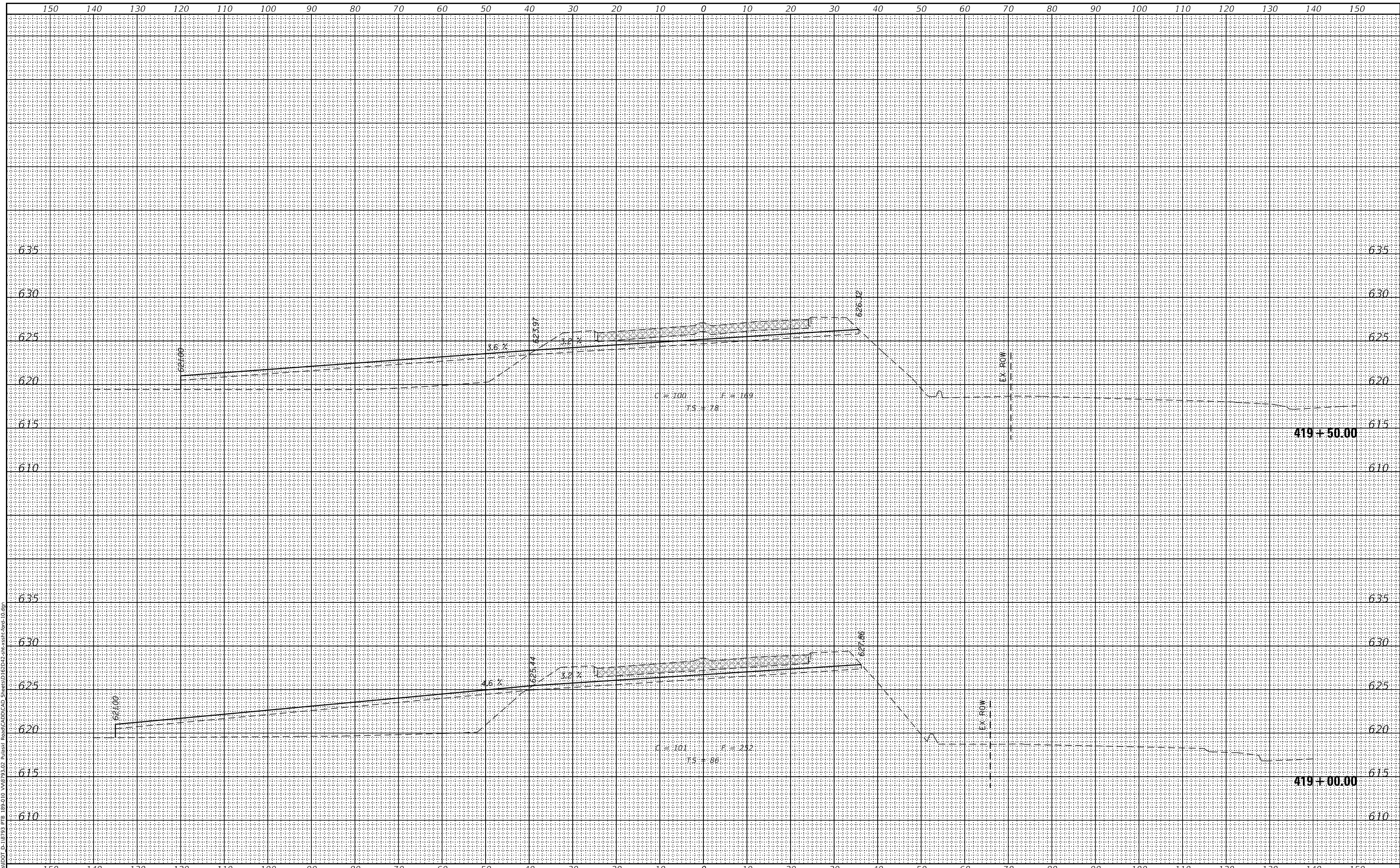
F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 107
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREAS CHECKED

MODEL: Definit  
 FILE NAME: L:\projects\DOT-D-18193-PTB-189-010-V1879302-Pulaski-Road\CADD\CAD-Sheets\62D42-shp\ssht-ford-10.dgn



Design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DESIGNED - RKA	DRAWN CHECKED - SDS	REMOVED -
DESIGNED - RKA	CHECKED - GSI	REMOVED -
DESIGNED - RKA	DATE CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 10 OF 12 SHEETS  
 STA. 419+00.00 TO STA. 419+50.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 108
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREA'S CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
WHITE BOOK	PLOTTED
AREA'S CHECKED	TEMPLATE
	AREA'S CHECKED

MODEL: Definit  
 FILE NAME: L:\projects\DOT D-181933\_PTB 189-010 V1879302 Pulaski Road\CADD\CAD Sheets\62D42-sheet-stn-ford-10.dgn  
 Design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DATE = 2/5/2020	CHECKED - SDS	REMOVED -
	CHECKED - GSI	REMOVED -
	CHECKED - RKA	REMOVED -

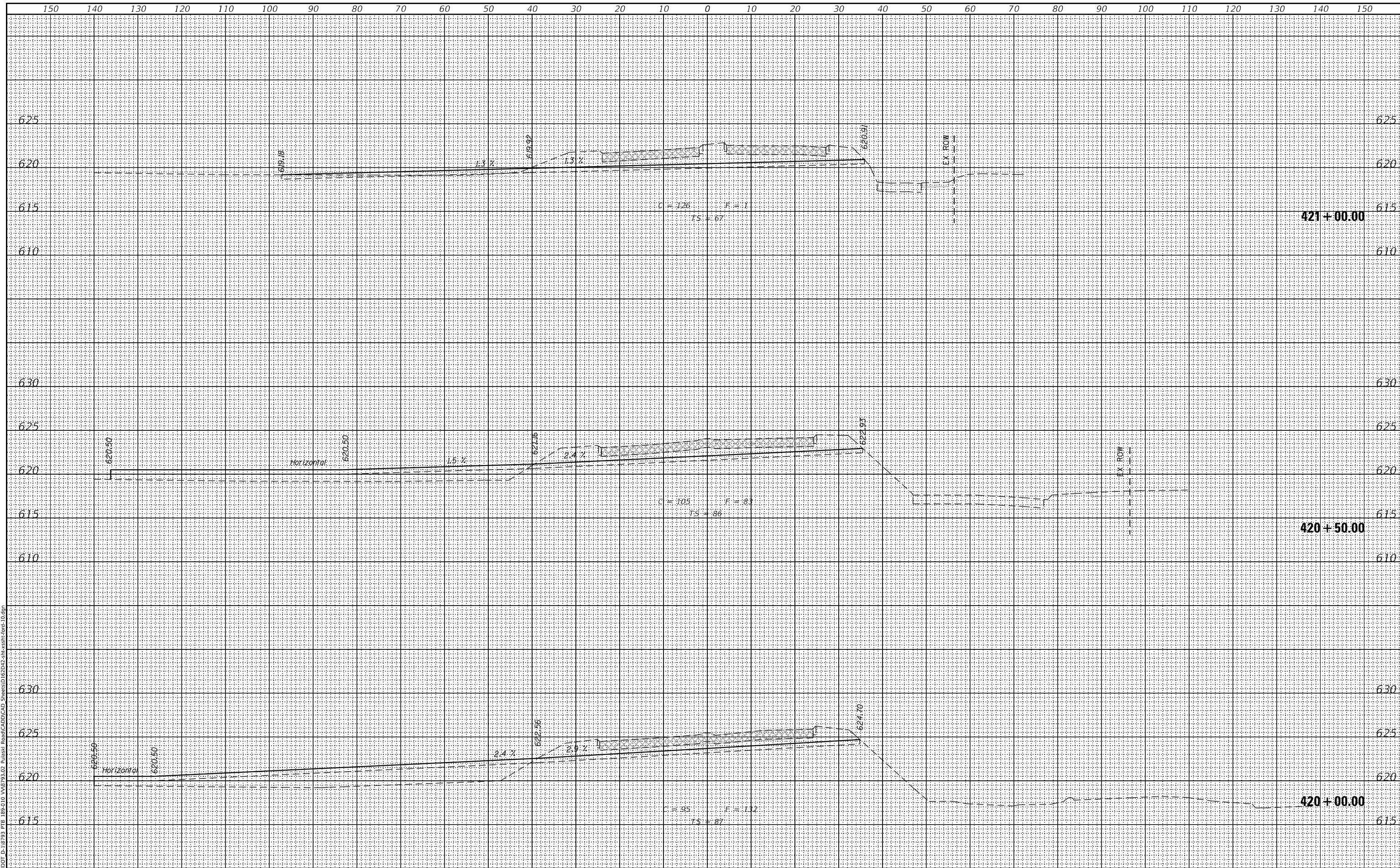
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE  
PULASKI ROAD AT FORD CITY DRIVE**

SCALE: 1" = 10'

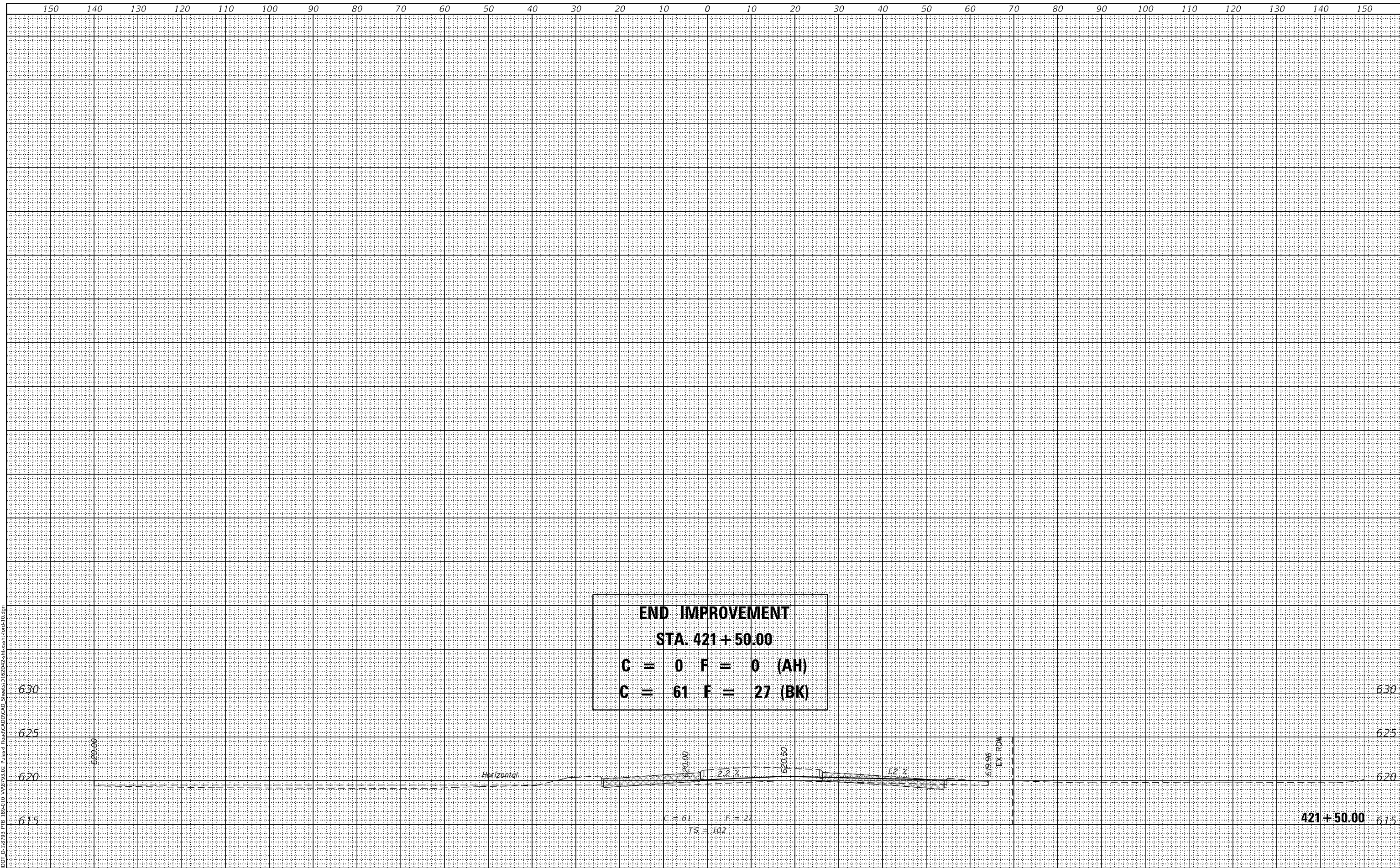
F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 109
CONTRACT NO. 62D42				
SHEET 11 OF 12 SHEETS		STA. 420+00.00 TO STA. 421+00.00		

ILLINOIS	FED. AID PROJECT
----------	------------------



FINAL SURVEY	SURVEYED	BY	DATE
WHITE BOOK	PLOTTED		
AREA'S CHECKED	TEMPLATE		
	AREA'S CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
WHITE BOOK	PLOTTED		
AREA'S CHECKED	TEMPLATE		
	AREA'S CHECKED		



MODEL Definit  
 FILE NAME: L:\projects\DOT D-18193\_PTB 189-010 V18193.02 Pulaski Road\CADD\CAD Sheets\62D42-sheet-stn-ford-10.dgn  
 design firm  
 no. 184001036  
**whks**  
 engineers + planners + land surveyors

USER NAME = gjameson	DESIGNED - RKA	REMOVED -
DESIGNED - RKA	DRAWN CHECKED - SDS	REMOVED -
PLOT SCALE = 20.0000 SCALE = 20.0000' / in.	CHECKED - GSI	REMOVED -
PLOT DATE = 2/5/2020	DATE CHECKED - RKA	REMOVED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - FORD CITY DRIVE  
 PULASKI ROAD AT FORD CITY DRIVE**  
 SCALE: 1" = 10'  
 SHEET 12 OF 12 SHEETS  
 STA. 421+50.00 TO STA. 421+50.00

F.A.P. RTE. 368	SECTION 1919-N(16)	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 110
CONTRACT NO. 62D42				
ILLINOIS FED. AID PROJECT				