

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA: 03-07-2025 LETTING ITEM 176

ADT

JOHN HUMPHREY DR = N. LEG 8,400 (2016) 10,700 (2050)
JOHN HUMPHREY DR = S. LEG 12,800 (2016) 16,300 (2050)
143RD ST = E. LEG 25,100 (2016) 32,000 (2050)
143RD ST = W. LEG 25,900 (2016) 33,000 (2050)

DESIGN SPEED

JOHN HUMPHREY DR = N. LEG 35 MPH
JOHN HUMPHREY DR = S. LEG 35 MPH
143RD ST = E. LEG 40 MPH
143RD ST = W. LEG 40 MPH

POSTED SPEED LIMIT

JOHN HUMPHREY DR = N. LEG 35 MPH
JOHN HUMPHREY DR = S. LEG 35 MPH
143RD ST = E. LEG 35 MPH
143RD ST = W. LEG 35 MPH

DESIGN DESIGNATION

JOHN HUMPHREY DR = MAJOR COLLECTOR
143RD ST = MINOR ARTERIAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
ROADWAY PLANS

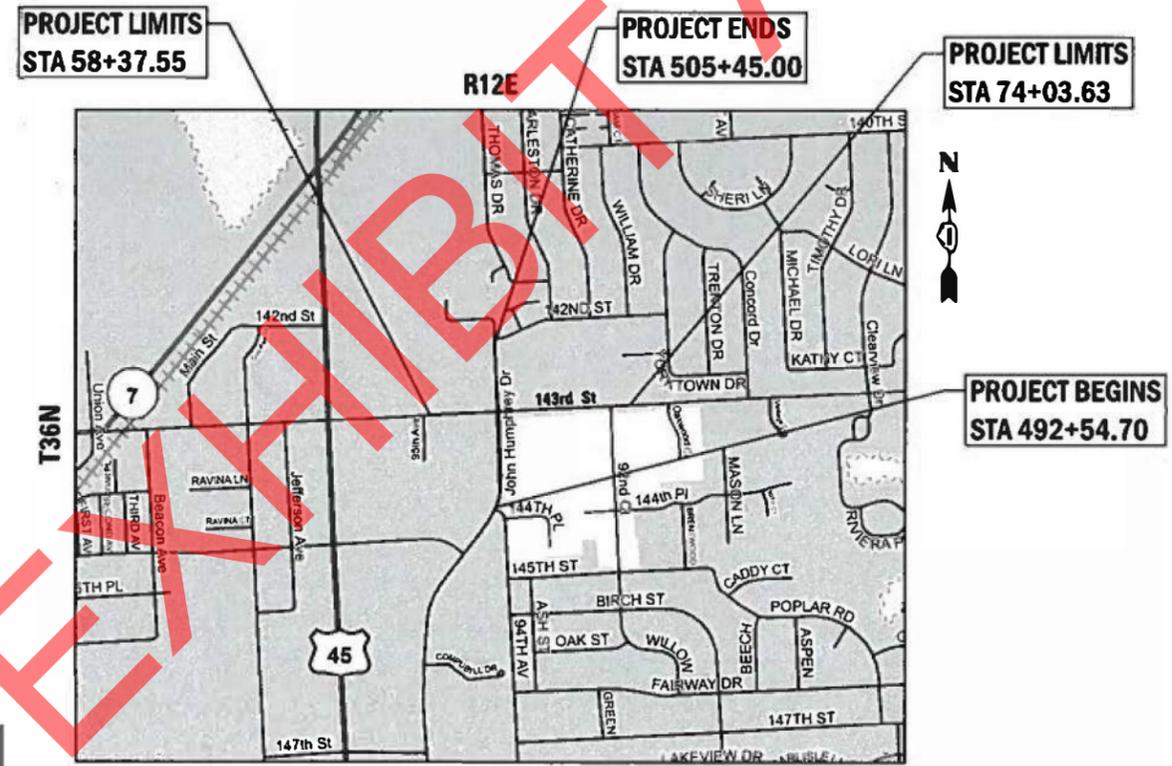
MUN 2520 (JOHN HUMPHREY DRIVE) AT FAU 1600 (143RD STREET) SECTION 16-00078-00-CH, PROJECT FBGB(348)
INTERSECTION IMPROVEMENTS & ROADWAY RECONSTRUCTION
VILLAGE OF ORLAND PARK, COOK COUNTY
C-91-261-24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2520	16-00078-00-CH	COOK	228	1
		ILLINOIS	CONTRACT NO. 61K89	

D-91-261-24

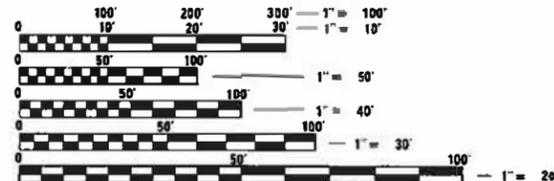


LOCATION OF SECTION INDICATED THUS: -



LOCATION MAP
N.T.S.

JOHN HUMPHREY DRIVE GROSS & NET LENGTH = 1,290.30 FT. = 0.24 MILE
143RD STREET GROSS & NET LENGTH = 1,821.14 FT. = 0.34 MILE
GROSS & NET LENGTH OF THE PROJECT = 3,111.44 FT. = 0.58 MILE



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

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



 PATRICK ENGINEERING, INC. JARROD J. CEBULSKI, P.E. NO. 062-050473 EXP. DATE: 11/30/25 APPLY TO DRAWINGS: 1-31, 34-53, 72-82, 123-125, 190-228	 PATRICK ENGINEERING, INC. ARSALAN M. KHAN, S.E. NO. 062-455746 EXP. DATE: 11/30/25 APPLY TO DRAWINGS: 138-146, 148-189	 WANG ENGINEERING MICKEY L. SNIDER, P.E. NO. 062-454045 EXP. DATE: 11/30/25 APPLY TO DRAWINGS: 147	 CHRISTOPHER B. BURKE ENGINEERING DRAINAGE MIROSLAW ANTAS, P.E. NO. 062-064781 EXP. DATE: 11/30/25 APPLY TO DRAWINGS: 32-33, 54-71, 83-85	 CHRISTOPHER B. BURKE ENGINEERING TRAFFIC BENJAMIN CHAYES, P.E. NO. 062-063542 EXP. DATE: 11/30/25 APPLY TO DRAWINGS: 86-122	 CHRISTOPHER B. BURKE ENGINEERING LIGHTING ANTHONY J. BERICCO, P.E. NO. 062-057484 EXP. DATE: 11/30/25 APPLY TO DRAWINGS: 128-137
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

Approved: *[Signature]*
VILLAGE OF ORLAND PARK, DIRECTOR OF ENGINEERING

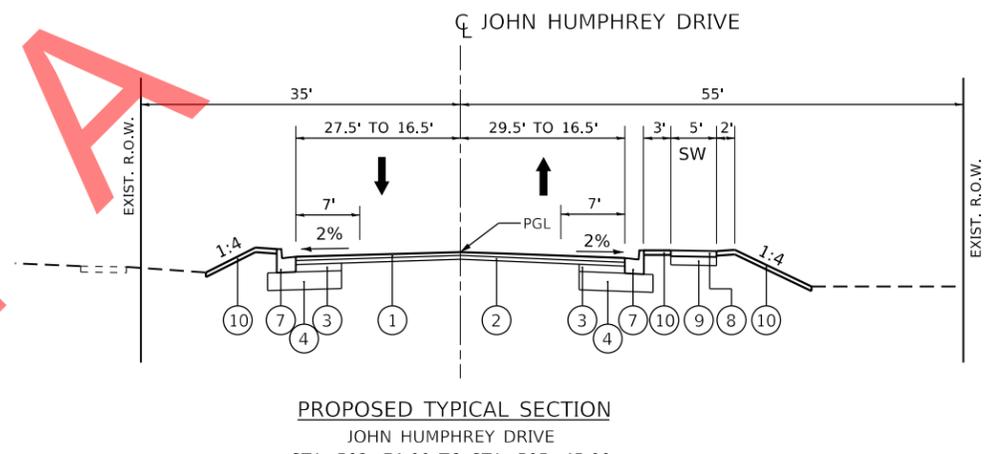
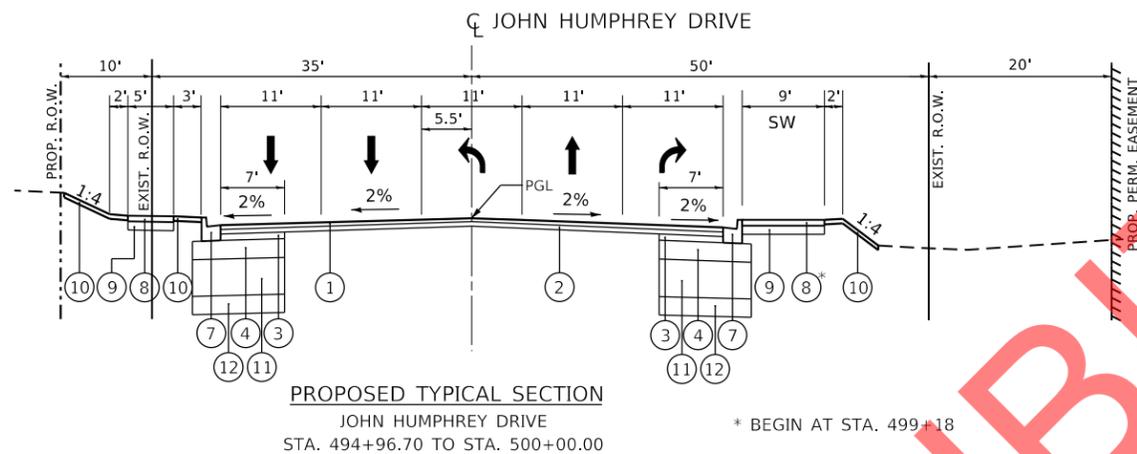
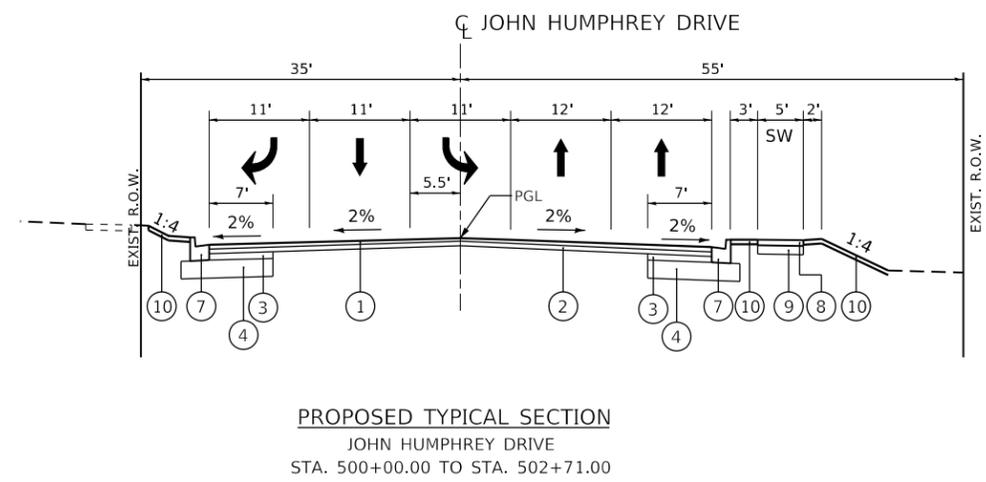
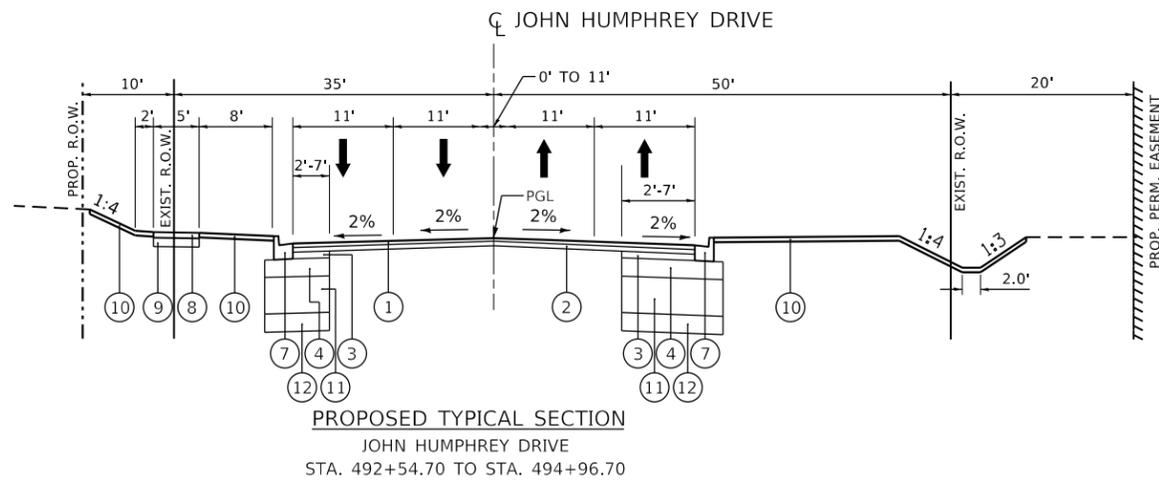
Passed: Jan 2, 2025
[Signature]
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

Releasing for Bid Based on Limited Review: 1.6.2025
[Signature]
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FEDERAL AID DESIGN PROGRAM ENGINEER : CARMEN E. RAMOS, P.E., SCHAMBOURG, IL

CONTRACT NO. 61K89



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
HMA PAVEMENT (FULL DEPTH) 10"		
POLYMERIZED HMA SURFACE COURSE IL-9.5, MIX "E", N70, 2"	4% @ 70 GYR.	LR 1030-2
POLYMERIZED HMA BINDER COURSE IL-19.0, N90, 2.25"	4% @ 90 GYR.	LR 1030-2
HMA BINDER COURSE IL-19.0, N90, 5.75"	4% @ 90 GYR.	LR 1030-2
HMA PAVEMENT FOR WIDENING (JOHN HUMPHREY DRIVE)		
HMA SURFACE COURSE IL-9.5, MIX "D", N70, 1.5"	4% @ 70 GYR.	LR 1030-2
HMA BINDER COURSE IL-19.0, N70, 2.25"	4% @ 70 GYR.	LR 1030-2
PAVEMENT RESURFACING (JOHN HUMPHREY DRIVE)		
HMA SURFACE COURSE IL-9.5, MIX "D", N70, 1.5"	4% @ 70 GYR.	LR 1030-2
HMA BINDER COURSE IL-19.0, N70, 2.25"	4% @ 70 GYR.	LR 1030-2
HMA DRIVEWAY PAVEMENT		
HMA SURFACE COURSE IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR.	LR 1030-2
HMA BASE COURSE (HMA BINDER IL-19.0 mm), PE-6"	4% @ 50 GYR.	LR 1030-2
HMA TEMPORARY PAVEMENT		
HMA SURFACE COURSE IL-9.5, MIX "D", N70, 2"	4% @ 70 GYR.	LR 1030-2
HMA BINDER COURSE IL-19.0, N70, 8"	4% @ 70 GYR.	LR 1030-2
FULL LANE SEALANT WATERPROOFING SYSTEM		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 2"	3.5% @ 80 GYR.	LR 1030-2
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1-1/4"	3.5% @ 50 GYR.	LR 1030-2
PAVEMENT CONNECTOR(HMA) FOR BRIDGE APPROACH SLAB		
POLYMERIZED HMA SURFACE COURSE IL-9.5 MIX "E" N70, 2"	4% @ 70 GYR.	LR 1030-2
POLYMERIZED HMA BINDER COURSE IL-19.0 N90, 2.25"	4% @ 90 GYR.	LR 1030-2
HMA BINDER COURSE IL 19.0 N90 VARIES 5.75' TO 10.75"	4% @ 90 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

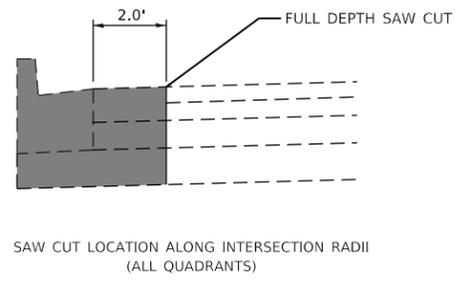
* BEGIN AT STA. 499+18

NOTES:

- FOR HMA PAVT (FD), LONGITUDINAL JOINT SEALANT SHALL BE PLACED BEFORE AND AFTER THE POLYMERIZED HMA BC IL-19.0 N90 LIFT.
- FOR RESURFACING, LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BC IL-19.0 N70.

PROPOSED LEGEND (JOHN HUMPHREY DRIVE)

- ① HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- ② HMA BINDER COURSE, IL-19.0, N70, 2.25"
- ③ PCC BASE COURSE WIDENING, 9"
- ④ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑤ CONCRETE MEDIAN, TYPE SB-6.12
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑨ SUBBASE GRANULAR MATERIAL, TYPE B, 6"
- ⑩ TOPSOIL FURNISH AND PLACE, 4", SEEDING CLASS 2A
- ⑪ SUBBASE GRANULAR MATERIAL, TYPE B, 24"
- ⑫ EXPANDED POLYSTYRENE FILL, 12"



- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN
 - THE "AC TYPE" FOR POLYMERIZED MIXTURES SHALL BE "SBS/SBR PG 76-22"; AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
 - PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 10" THICK.. TEMPORARY PCC PAVEMENTS DOES NOT REQUIRE DOWEL BARS

PLOT DRIVER = SPRTDRVLS
 PER TABLE = SPRTDRVLS
 FILE NAME = p:\projects\16-0078-00-CH\16-0078-00-CH-01\16-0078-00-CH-01-TYPICAL.dgn



USER NAME = DT004	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/19/2024	DATE = 12/03/24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOHN HUMPHREY DRIVE AT 143RD STREET
PROPOSED TYPICAL SECTIONS**

SCALE: NTS SHEET 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2520	16-0078-00-CH	COOK	228	25
CONTRACT NO. 61K89				
ILLINOIS FED. AID PROJECT				

Limits of Roadway Construction

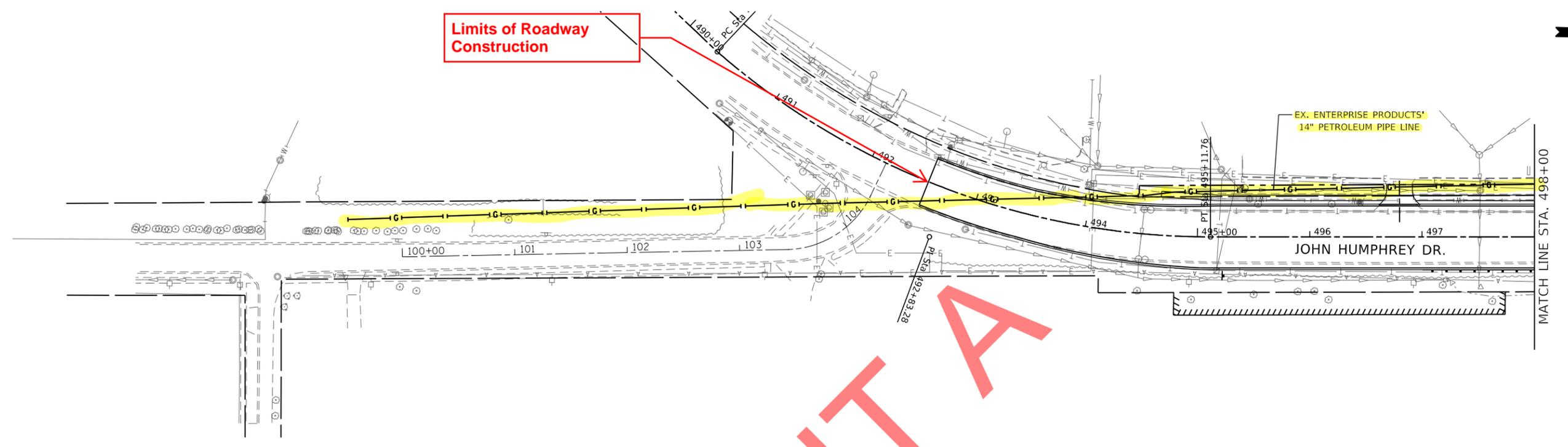
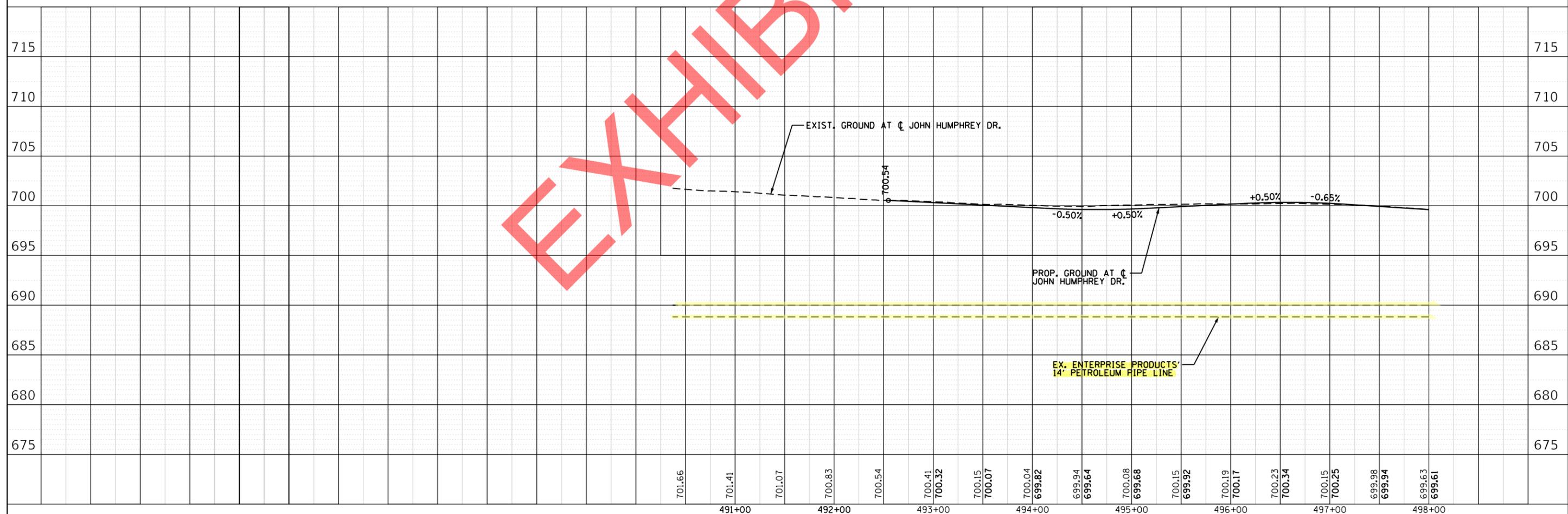


EXHIBIT A



PLOT DRIVER = SP12RVLS
 PLOT FILE = SP12RVLS
 PLOT FILE NAME = I:\projects\16-00078-00-CH\16-00078-00-CH-01.dgn

	USER NAME = DT004	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOHN HUMPHREY DRIVE AT 143RD STREET ENTERPRISE GAS LINE EXHIBIT			F.A.U. RTE. 2520	SECTION 16-00078-00-CH	COUNTY COOK	TOTAL SHEETS 2	SHEET NO. 1
	PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____		SCALE: 1" = 20'	SHEET _____ OF _____ SHEETS	STA. BEGIN _____	TO STA. 498+00	CONTRACT NO. 61K89		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 7/15/2025	DATE = 12/03/24	REVISED - _____									

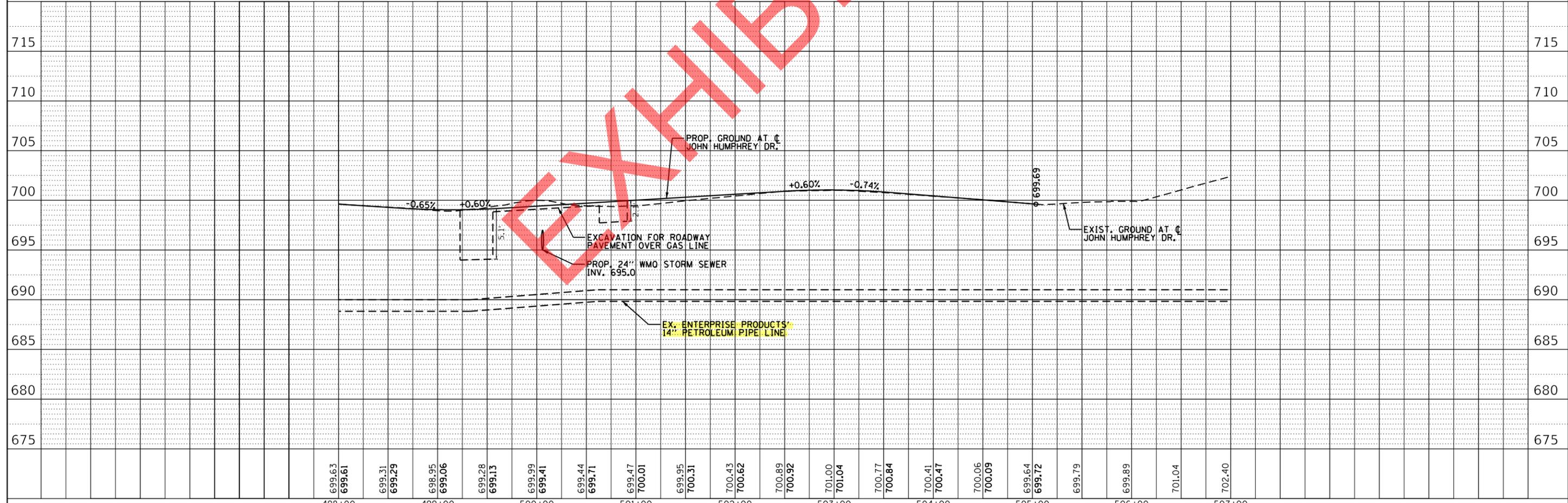
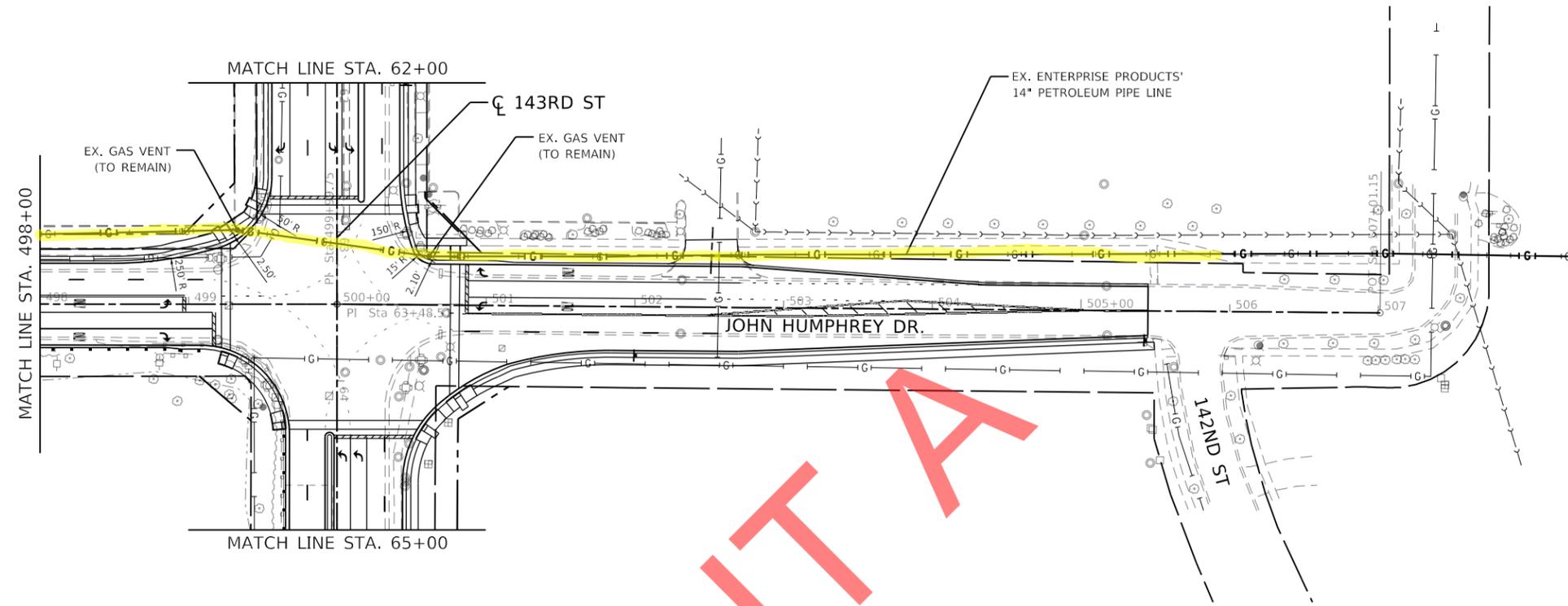


EXHIBIT A

	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOHN HUMPHREY DRIVE AT 143RD STREET ENTERPRISE GAS LINE EXHIBIT				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -		2520	16-00078-00-CH	COOK	2	2				
PLOT DATE =	CHECKED -	REVISED -	SCALE: 1" = 20'				SHEET ___ OF ___ SHEETS		STA. 498+00 TO STA. END		CONTRACT NO. 61K89		
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

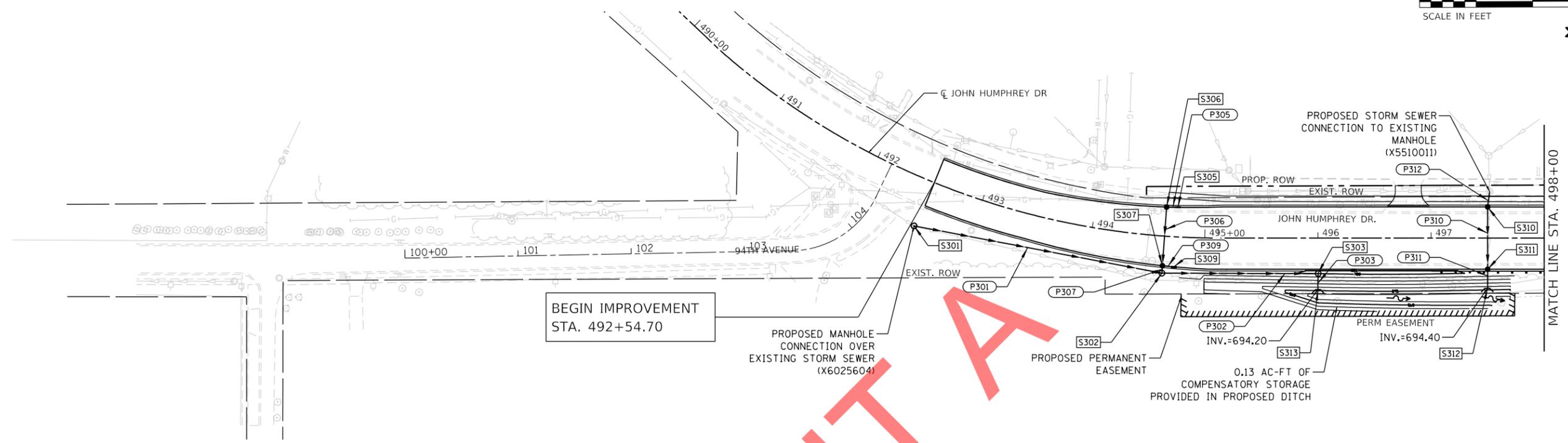
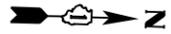
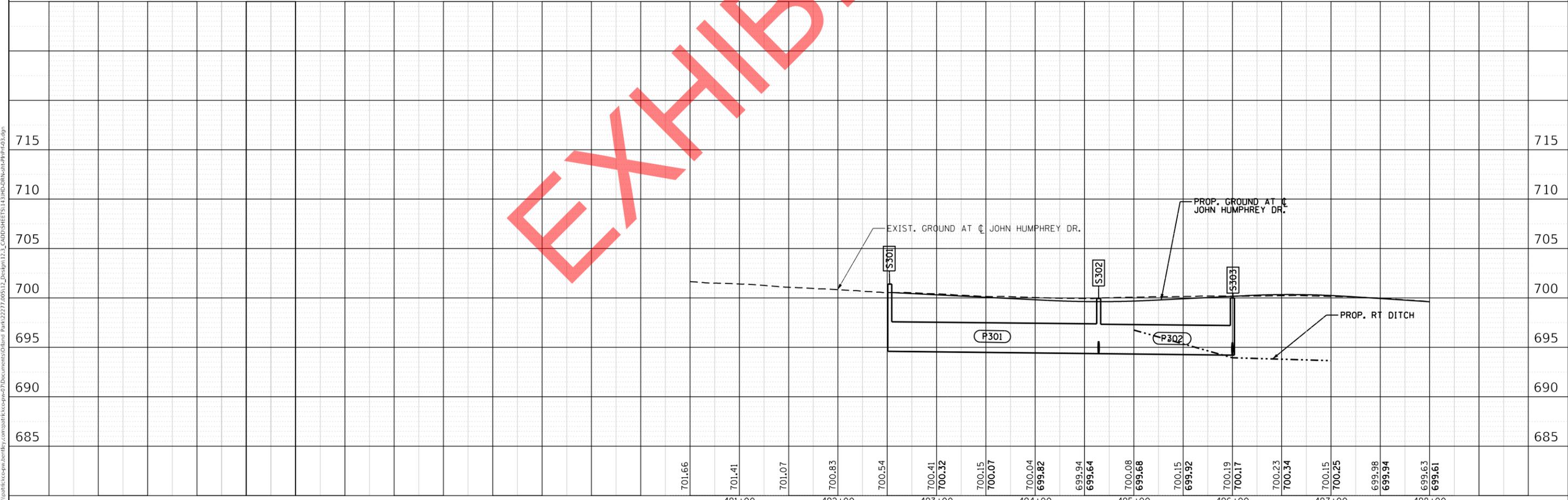


EXHIBIT A



PLAN	
SURVEYED	BY
PLOTTED	DATE
ALIGNMENT CHECKED	
STRUCTURE NOTATION CHECKED	
FILE NAME	
NO.	

PROFILE	
SURVEYED	BY
PLOTTED	DATE
GRANDS CHECKED	
STRUCTURE NOTATION CHECKED	
FILE NAME	
NO.	

PLOT DRIVER = SP12RVLS
 PEN TABLE = SP12RVLS
 FILE NAME = I:\projects\61k89\61k89.dwg

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9075 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0800

USER NAME = xsandoval	DESIGNED - MA	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - XS	REVISED -
PLOT DATE = 12/10/2024	CHECKED - JOC	REVISED -
	DATE - 12/03/24	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHN HUMPHREY DRIVE AT 143RD STREET
DRAINAGE PLAN & PROFILE

SCALE: 1" = 50' SHEET OF SHEETS STA. BEGIN TO STA. 498+00

F.A.U. RTE. 2520	SECTION 16-00078-00-CH	COUNTY COOK	TOTAL SHEETS 228	SHEET NO. 69
CONTRACT NO. 61K89			ILLINOIS FED. AID PROJECT	