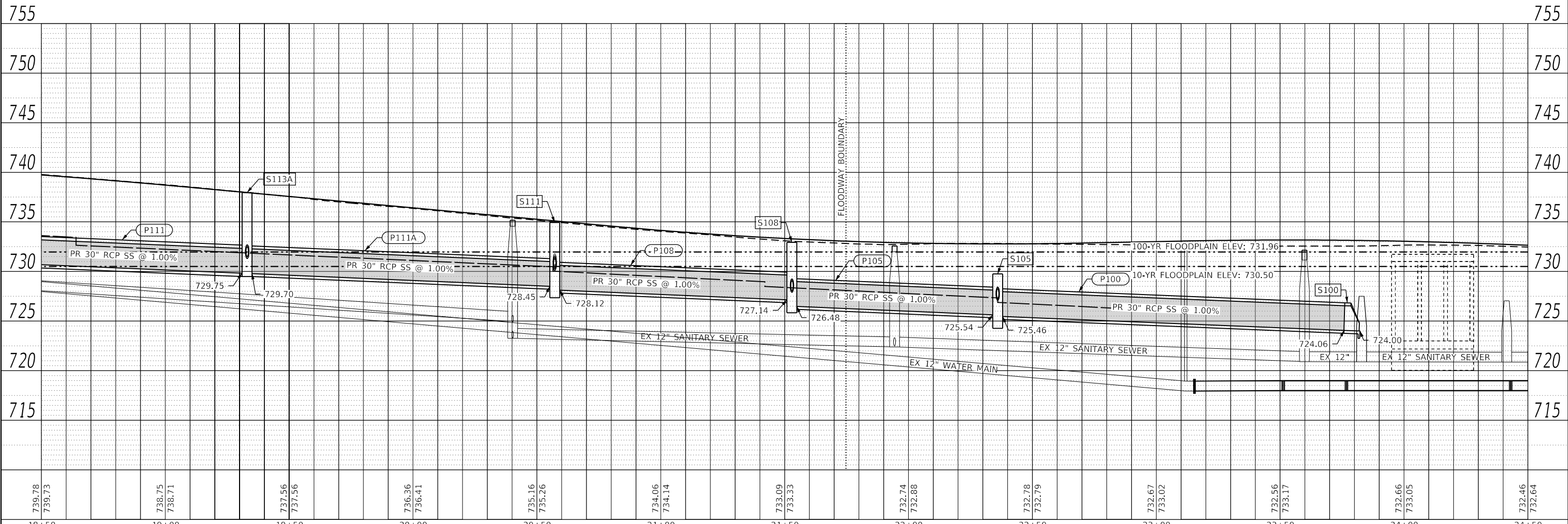
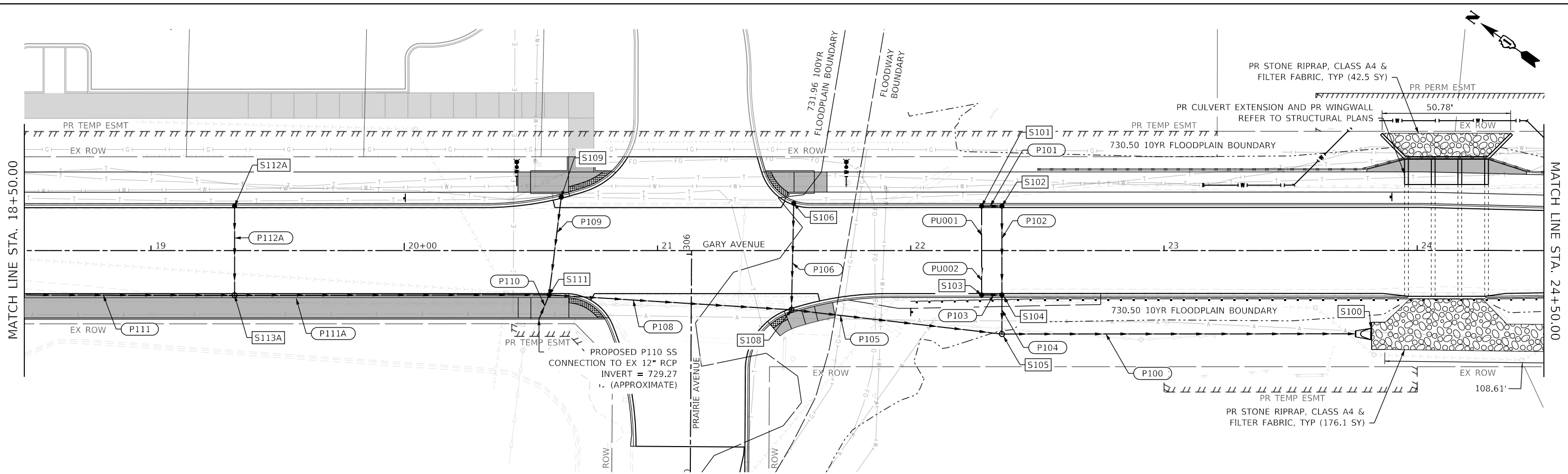


PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADES	NO.
	STRUCTURE	NOTATION
	NOTATION	CHWD

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATION
	NOTATION	CHWD

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 FILE NAME: H:\Thomas Engineering Group LLC\W23189-00 Gary Ave Phase II Reconstruction\CADD SS\18to24\18-00_S11to24\18-00_S11to24.dgn



739.78	739.73	738.75	738.71	737.56	737.56	736.36	736.41	735.16	735.26	734.06	734.14	733.09	733.33	732.74	732.88	732.78	732.79	732.67	733.02	732.56	733.17	732.66	733.05	732.46	732.64
18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50													



USER NAME = nmikolajczyk	DESIGNED - LK	REVISED -
	DRAWN - NM	REVISED -
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	DATE - 2/20/2024	REVISED -

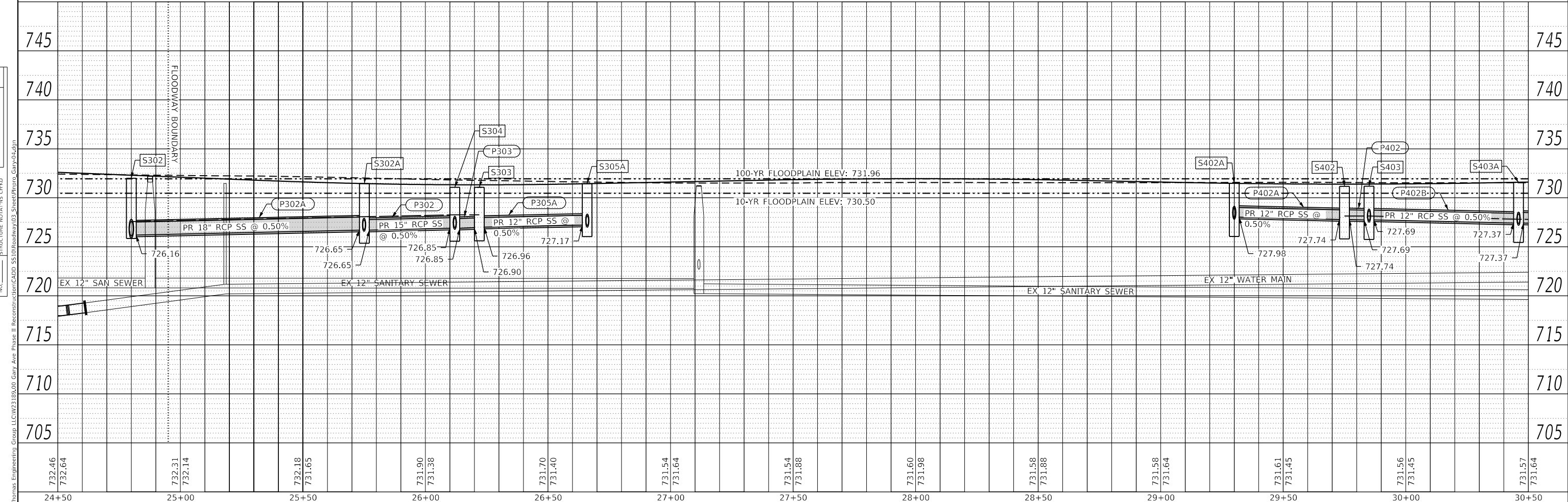
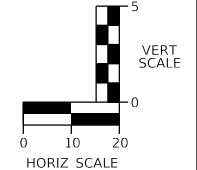
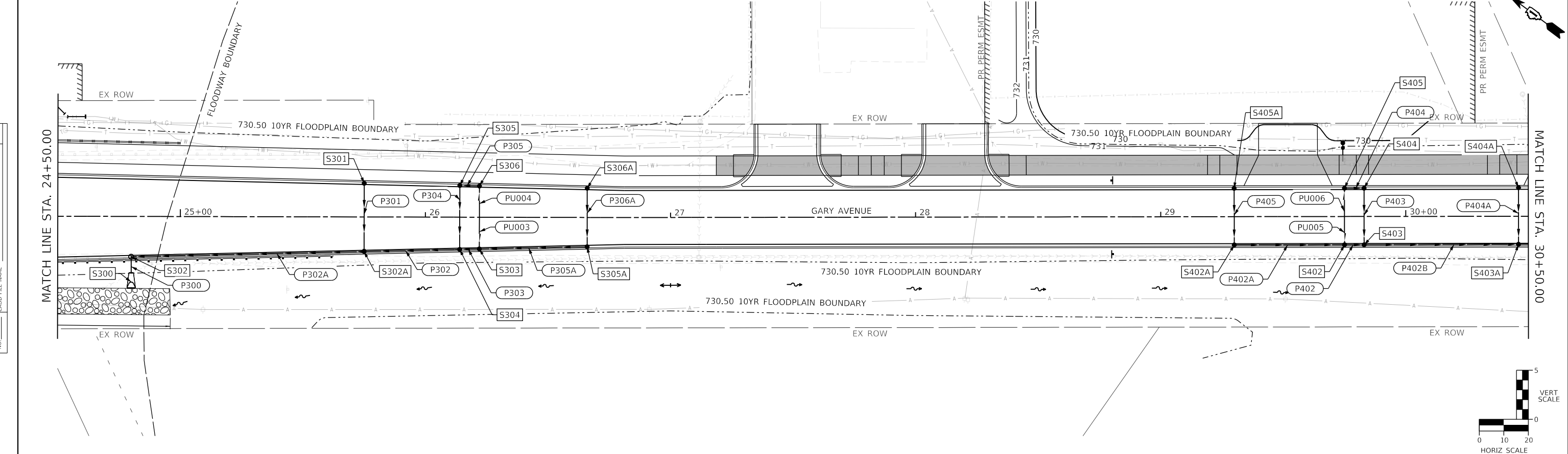
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 GARY AVENUE IMPROVEMENTS
 SCALE: 1" = 20' SHEET 3 OF 7 SHEETS STA. 18+50 TO STA. 24+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	101
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	GRADE	
	STRUCTURE	
	NOTATION	
	REVISED	
	NO.	
	FILE NAME	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	GRADE	
	STRUCTURE	
	NOTATION	
	REVISED	
	NO.	
	FILE NAME	
	CADD FILE NAME	



732.46	732.64	732.31	732.14	732.18	731.65	731.90	731.38	731.70	731.40	731.54	731.64	731.54	731.88	731.60	731.98	731.58	731.88	731.58	731.64	731.61	731.45	731.56	731.45	731.57	731.64
24+50		25+00		25+50		26+00		26+50		27+00		27+50		28+00		28+50		29+00		29+50		30+00		30+50	



USER NAME =	nmikolajczyk
DESIGNED -	LK
DRAWN -	NM
CHECKED -	MM
DATE -	2/20/2024

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
GARY AVENUE IMPROVEMENTS**

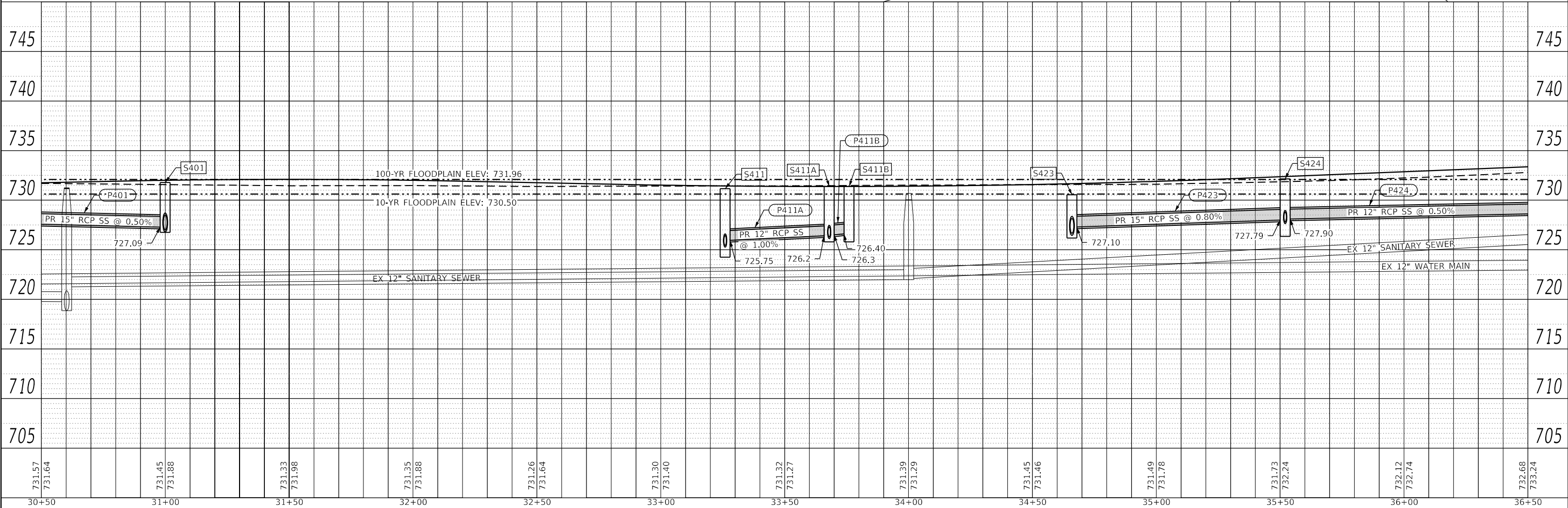
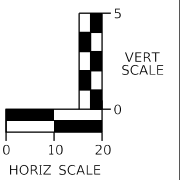
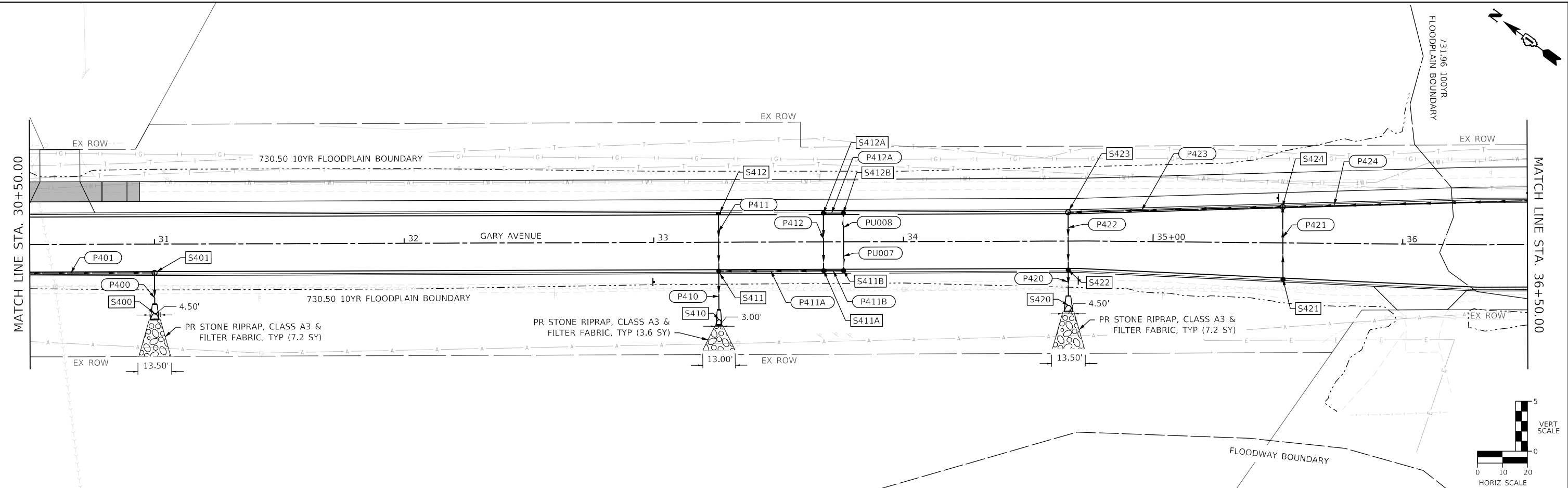
SCALE: 1" = 20' SHEET 4 OF 7 SHEETS STA. 25+50 TO STA. 30+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	102
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	

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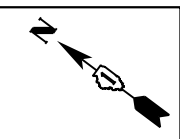


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	DRAWN - NM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MM	REVISED -
PLOT DATE = 2/20/2024	DATE - 2/20/2024	REVISED -

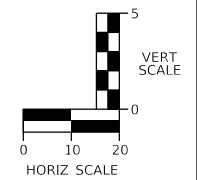
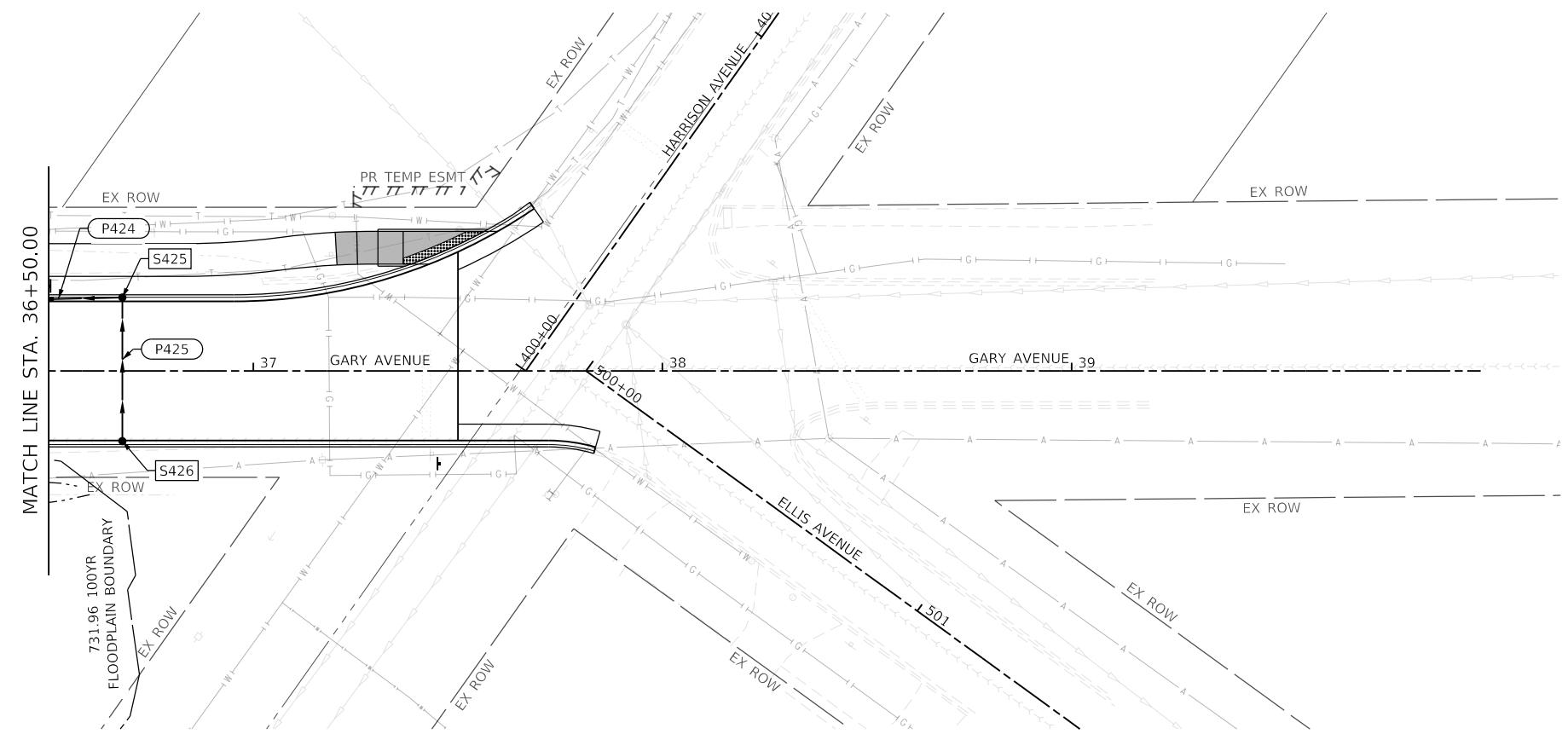
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN GARY AVENUE IMPROVEMENTS			
SCALE: 1" = 20'	SHEET 5	OF 7 SHEETS	STA. 30+50 TO STA. 36+50

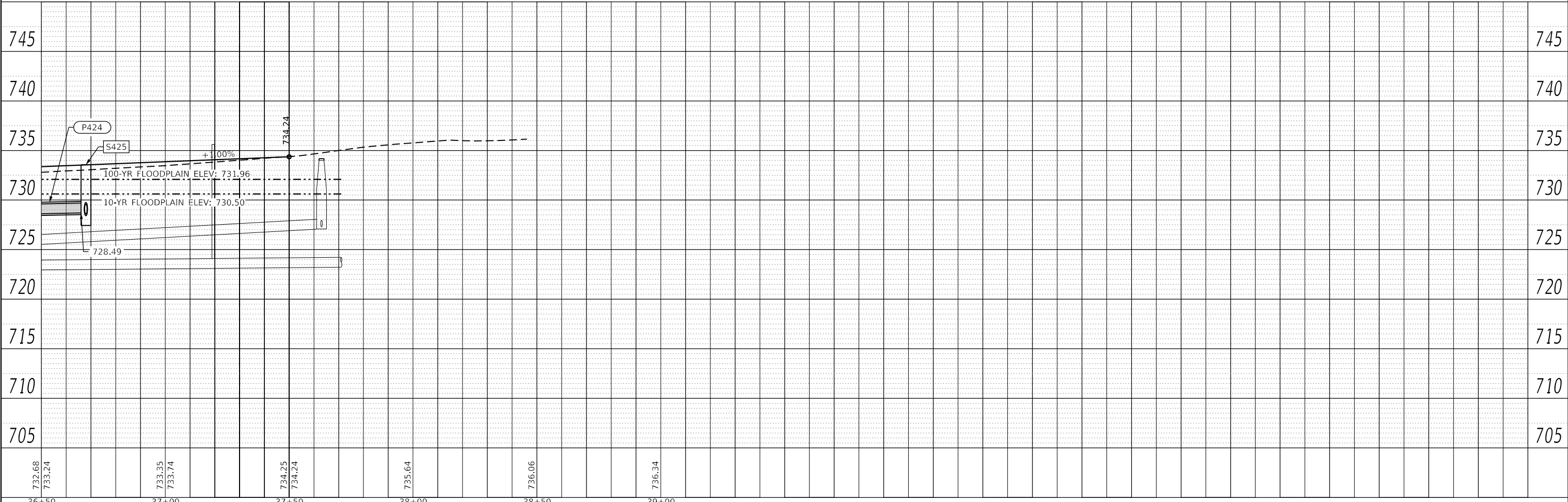
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	103
CONTRACT NO. 61K32			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



MODEL: Default
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 PROJECT: 193-00 Gary Ave Phase II Reconstruction



USER NAME = nmikolajczyk	DESIGNED - LK	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - NM	REVISED -
PLOT DATE = 2/20/2024	CHECKED - MM	REVISED -
	DATE - 2/20/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
GARY AVENUE IMPROVEMENTS

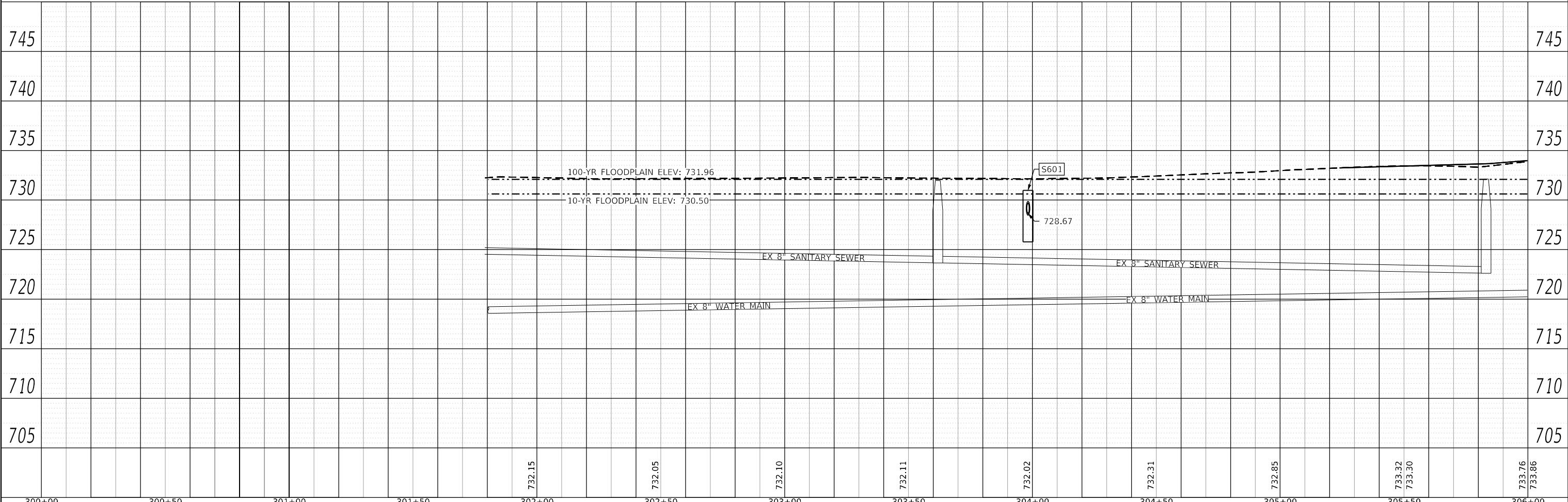
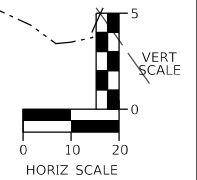
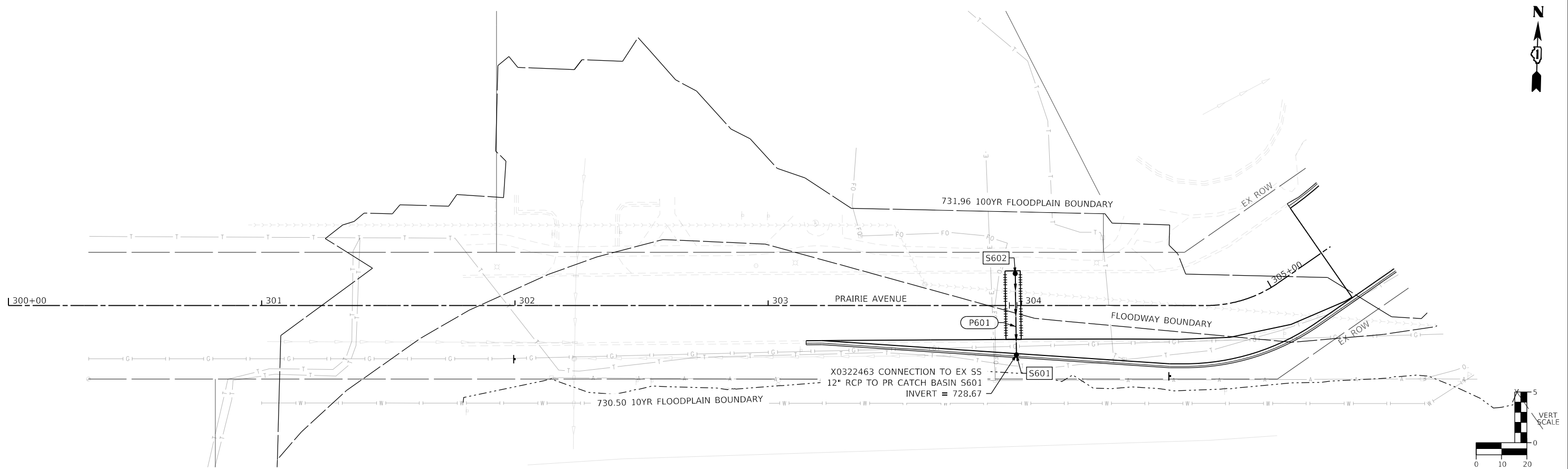
SCALE: 1" = 20' SHEET 6 OF 7 SHEETS STA. 36+50 TO STA. 39+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	104
CONTRACT NO. 61K32			ILLINOIS FED. AID PROJECT	

PLAN	SURVISED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVISED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATION		

MODEL: Default
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USER NAME = nmikolajczyk	DESIGNED - LK	REVISED -
	DRAWN - NM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MM	REVISED -
PLOT DATE = 2/20/2024	DATE - 2/20/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

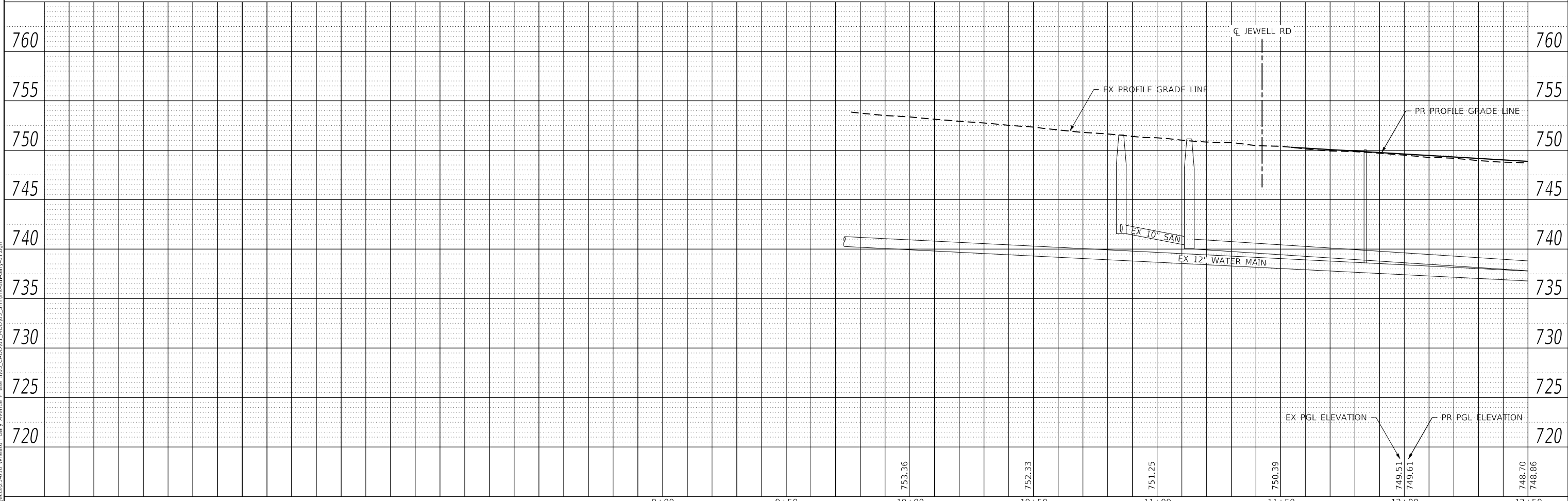
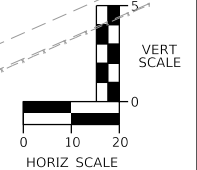
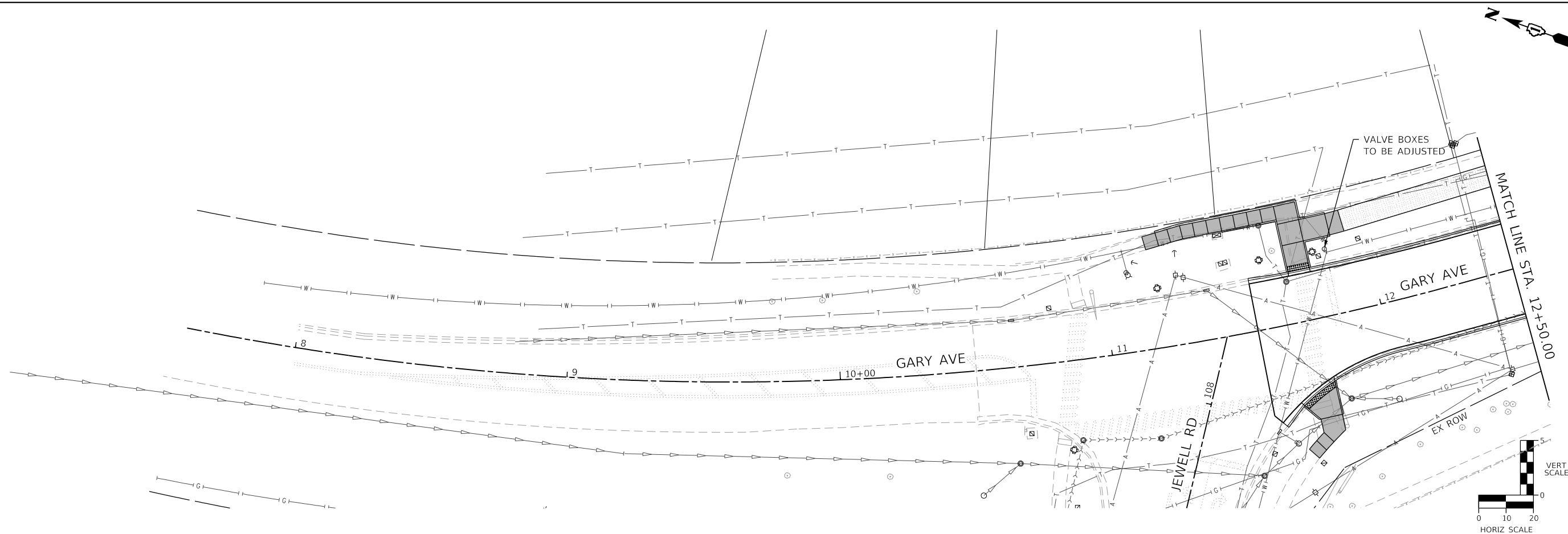
PROPOSED DRAINAGE PLAN PRAIRIE AVENUE IMPROVEMENTS			
SCALE: 1" = 20'	SHEET 7	OF 7 SHEETS	STA. 300+00 TO STA. 306+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	105
CONTRACT NO. 61K32			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
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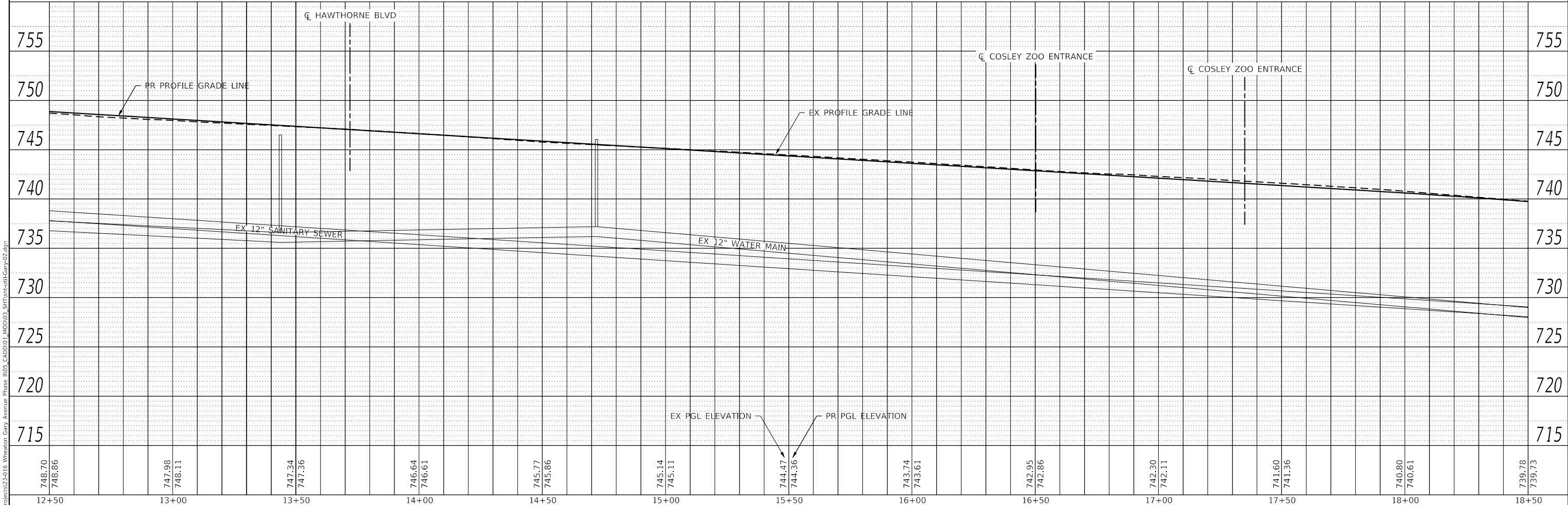
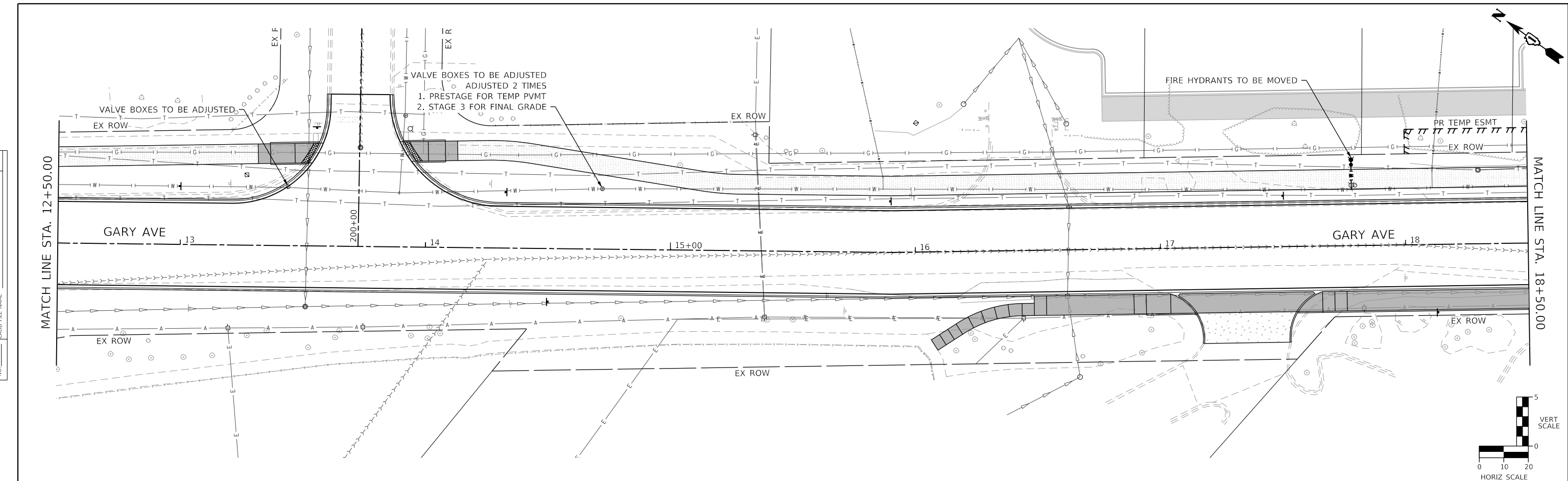
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	USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLAN AND PROFILE GARY AVENUE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.	2561	20-00123-00-PV	DUPAGE
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -	REVISED -								CONTRACT NO. 61K32			
										ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	BY	
	NO.	



748.70	748.86		747.98	748.11		747.34	747.36		746.64	746.61		745.77	745.86		745.14	745.11		744.47	744.36		743.74	743.61		742.95	742.86		742.30	742.11		741.60	741.36		740.80	740.61		739.78	739.73		
12+50		13+00		13+50		14+00		14+50		15+00		15+50		16+00		16+50		17+00		17+50		18+00		18+50															

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service at the highest grade.

USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
	DRAWN - JBH	REVISED -
	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

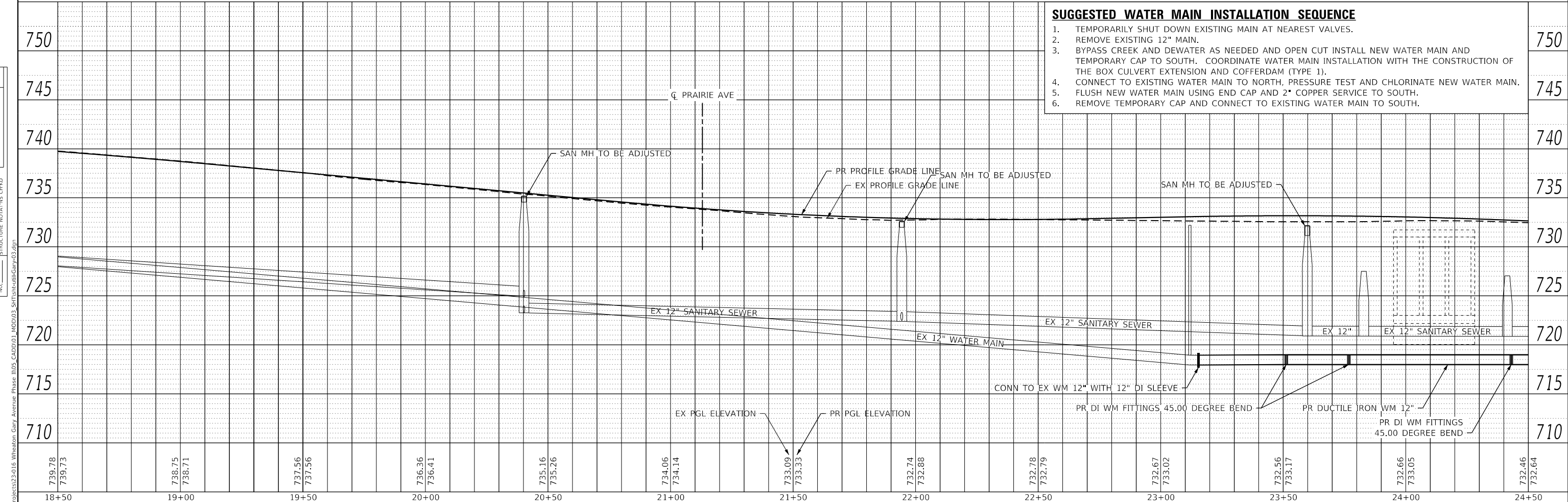
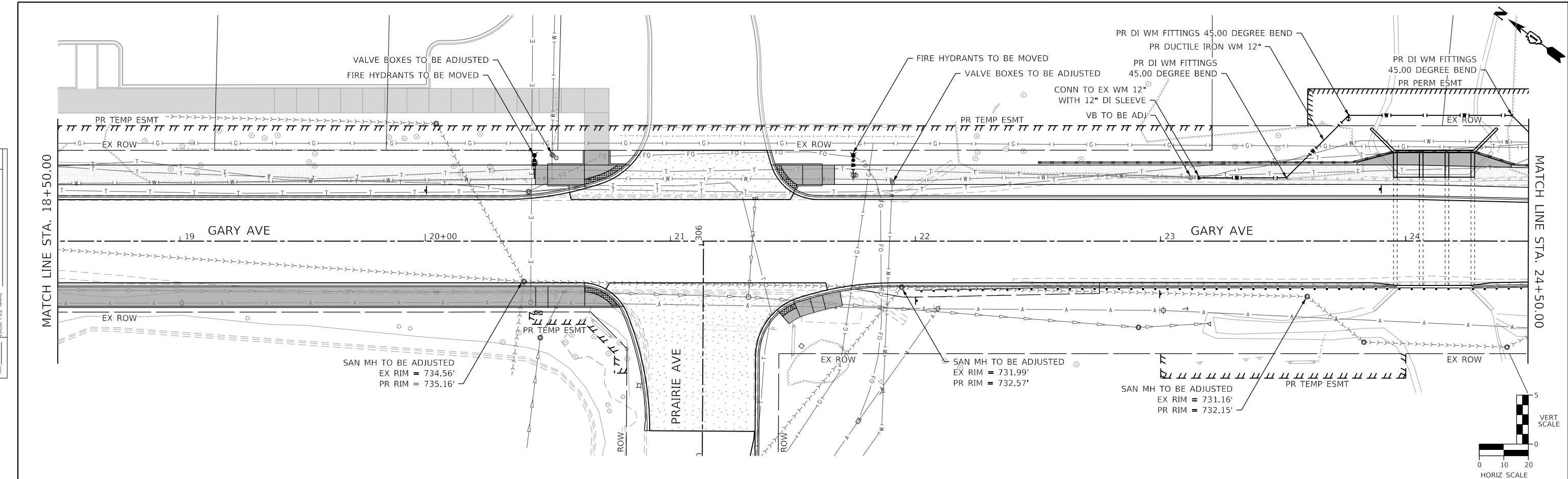
**UTILITY PLAN AND PROFILE
GARY AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	107
				CONTRACT NO. 61K32
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHECKED	



- SUGGESTED WATER MAIN INSTALLATION SEQUENCE**
1. TEMPORARILY SHUT DOWN EXISTING MAIN AT NEAREST VALVES.
 2. REMOVE EXISTING 12" MAIN.
 3. BYPASS CREEK AND DEWATER AS NEEDED AND OPEN CUT INSTALL NEW WATER MAIN AND TEMPORARY CAP TO SOUTH. COORDINATE WATER MAIN INSTALLATION WITH THE CONSTRUCTION OF THE BOX CULVERT EXTENSION AND COFFERDAM (TYPE 1).
 4. CONNECT TO EXISTING WATER MAIN TO NORTH, PRESSURE TEST AND CHLORINATE NEW WATER MAIN.
 5. FLUSH NEW WATER MAIN USING END CAP AND 2" COPPER SERVICE TO SOUTH.
 6. REMOVE TEMPORARY CAP AND CONNECT TO EXISTING WATER MAIN TO SOUTH.

8+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50
739.78 739.73	738.75 738.71	737.56 737.56	736.36 736.41	735.16 735.26	734.06 734.14	733.09 733.33	732.74 732.88	732.78 732.79	732.67 733.02	732.56 733.17	732.66 733.05	732.46 732.64



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
	DRAWN - JBH	REVISED -
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PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

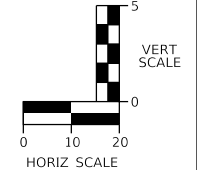
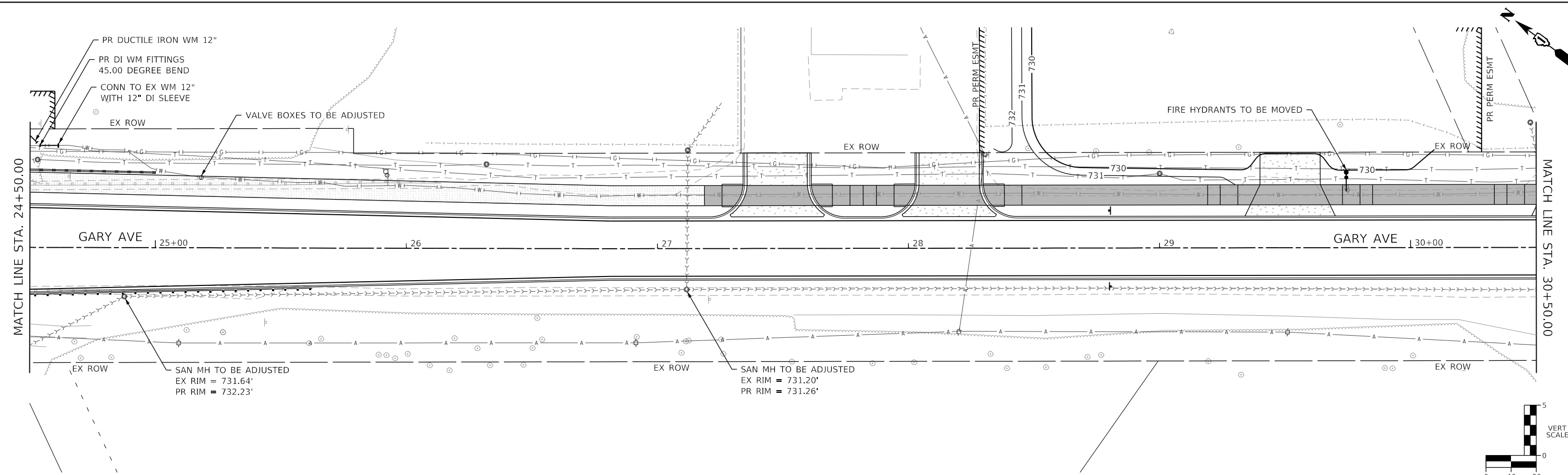
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UTILITY PLAN AND PROFILE
GARY AVENUE**

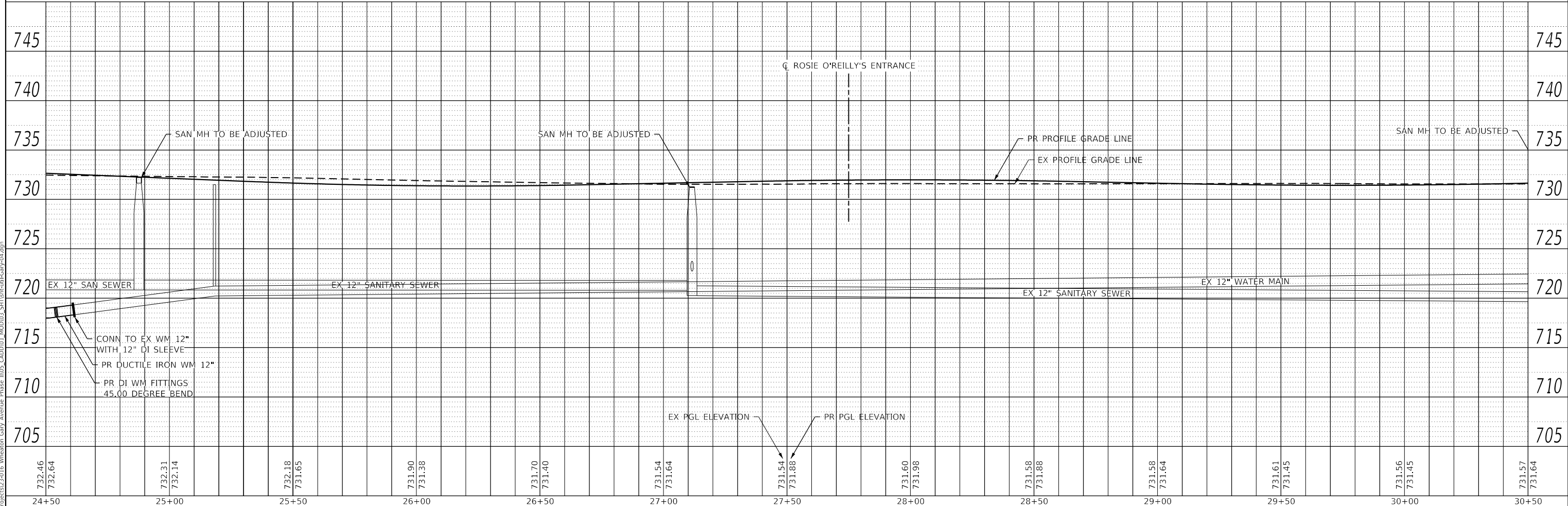
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	108
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
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	NO.	

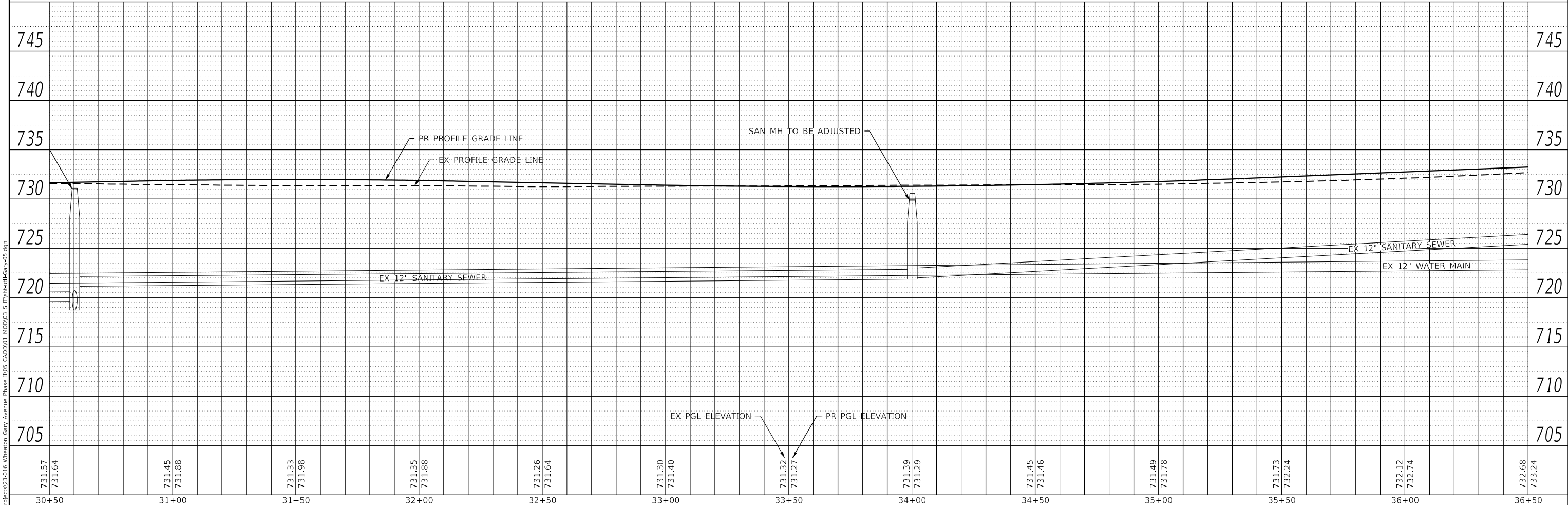
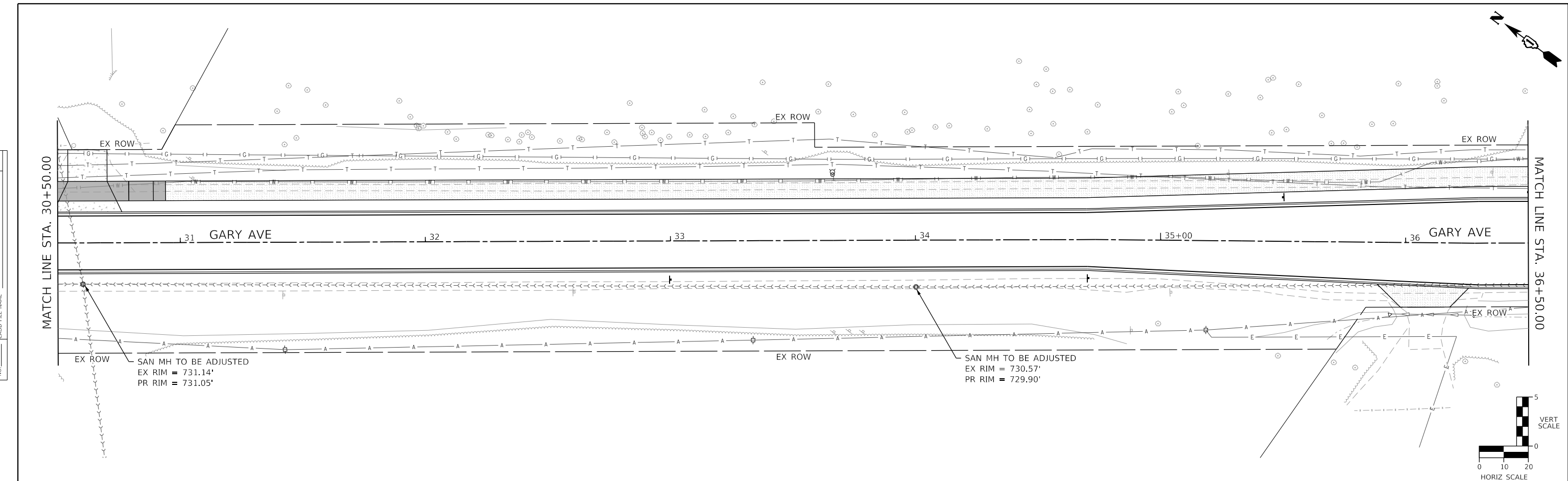


	USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLAN AND PROFILE GARY AVENUE			F.A.U. RTE. 2561	SECTION 20-00123-00-PV	COUNTY DUPAGE	TOTAL SHEETS 257	SHEET NO. 109
	PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -		SCALE: 1"=20'	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 61K32		
	PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -							ILLINOIS FED. AID PROJECT		

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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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30+50	31+00	31+50	32+00	32+50	33+00	33+50	34+00	34+50	35+00	35+50	36+00	36+50													

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USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
	DRAWN - JBH	REVISED -
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PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

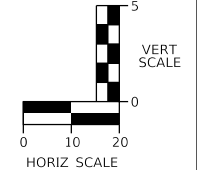
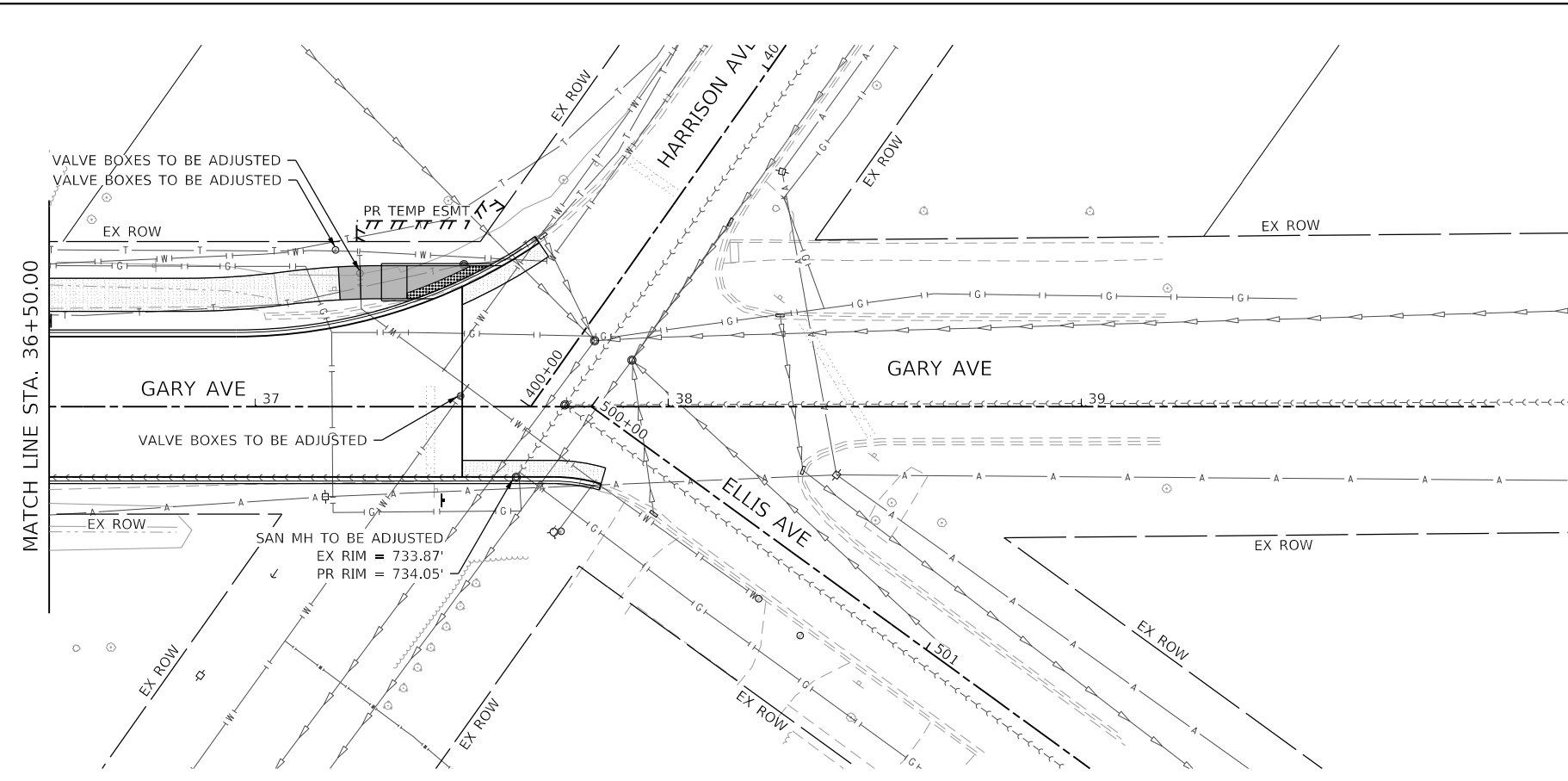
**UTILITY PLAN AND PROFILE
GARY AVENUE**

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

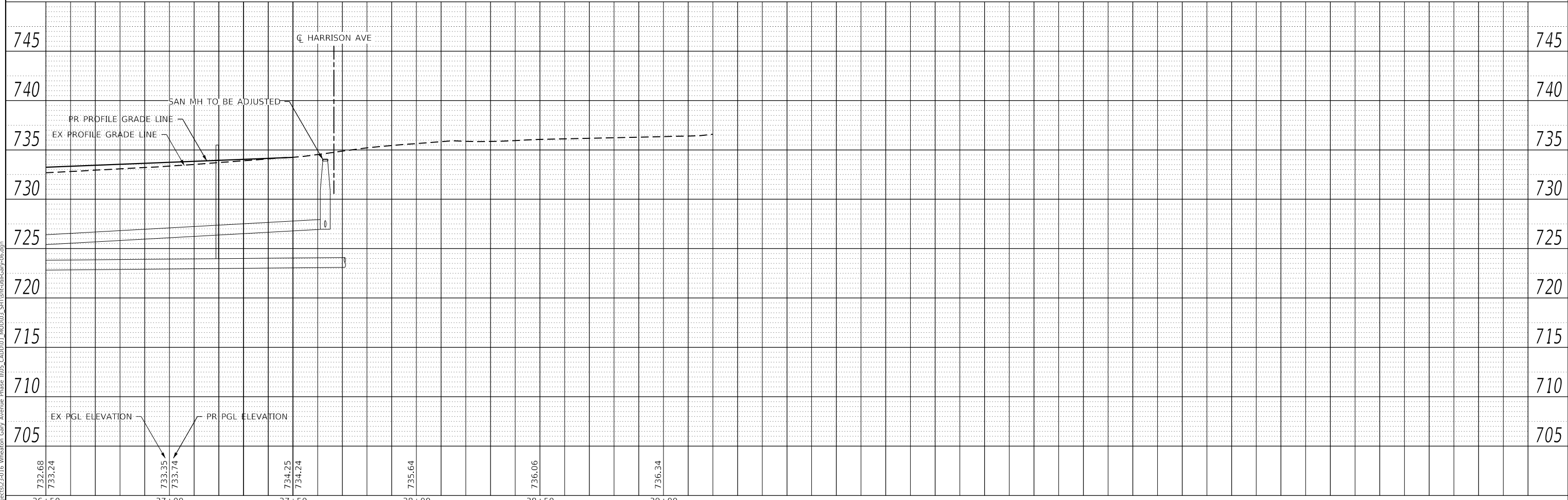
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	110
CONTRACT NO. 61K32				
ILLINOIS		FED. AID PROJECT		



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



DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	



36+50	37+00	37+50	38+00	38+50	39+00
732.68 733.24	733.35 733.74	734.25 734.24	735.64	736.06	736.34



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
	DRAWN - JBH	REVISED -
	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

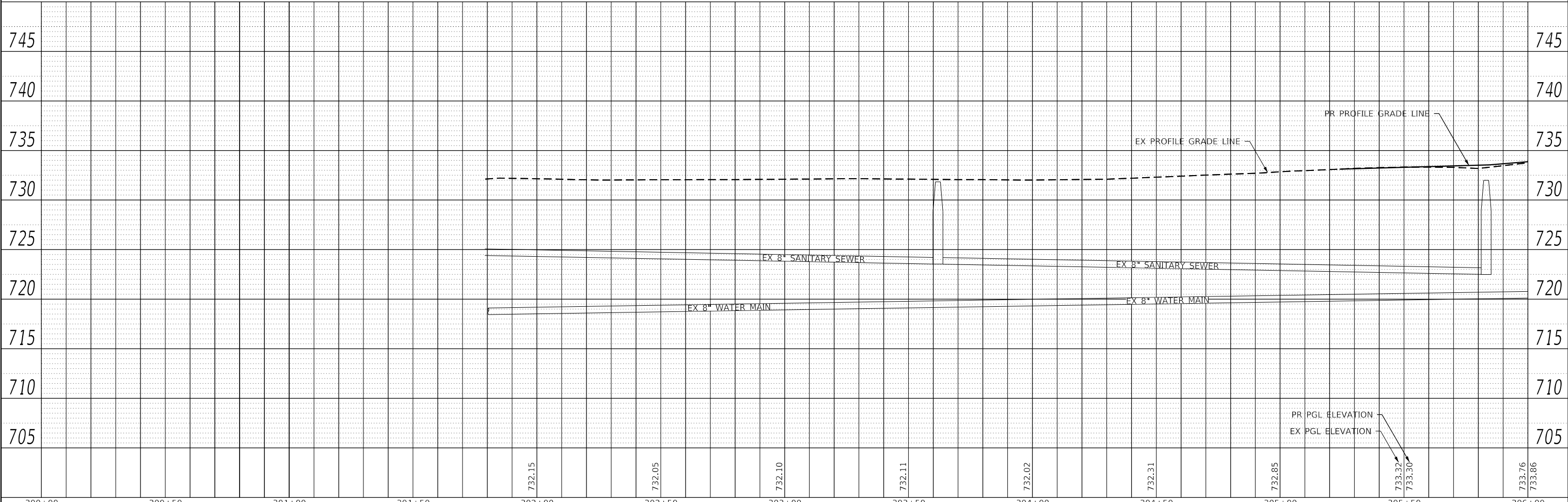
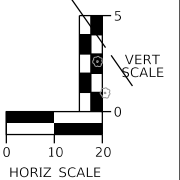
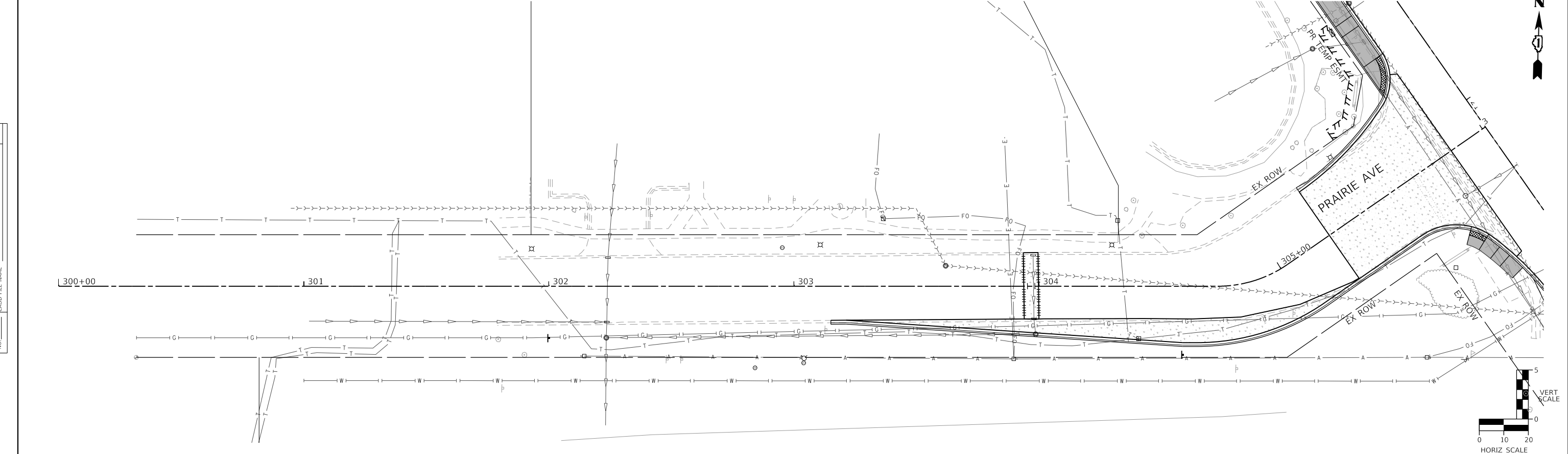
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

UTILITY PLAN AND PROFILE GARY AVENUE			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	111
CONTRACT NO. 61K32				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



300+00	300+50	301+00	301+50	302+00	302+50	303+00	303+50	304+00	304+50	305+00	305+50	306+00
				732.15	732.05	732.10	732.11	732.02	732.31	732.85	733.32 733.30	733.76 733.86



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UTILITY PLAN AND PROFILE
PRAIRIE AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	112
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
 COUNTY OF DUPAGE
 DIVISION OF TRANSPORTATION

PLAT OF HIGHWAYS

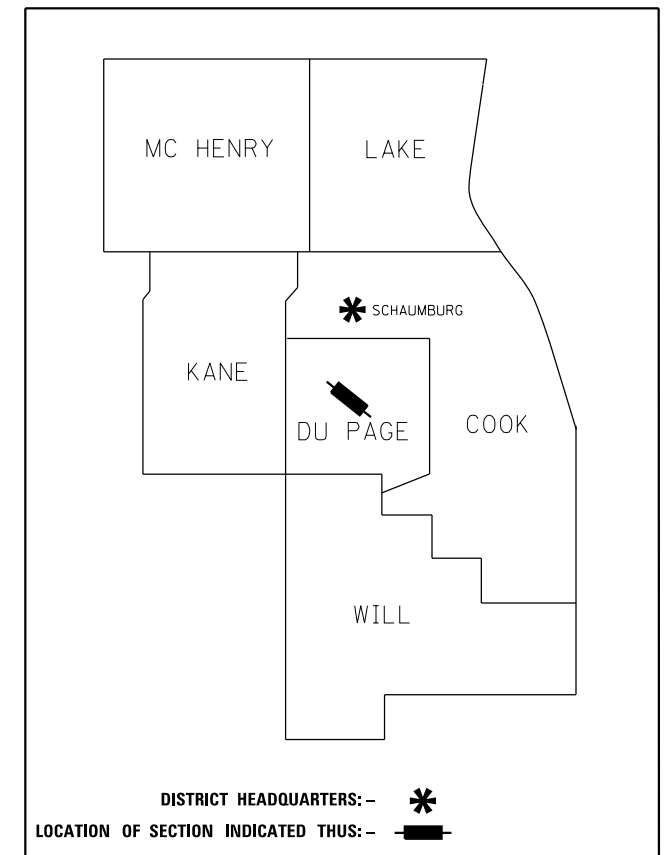
ROUTE: F.A.U. 2561 (GARY AVENUE)

SECTION: 20-00123-00-PV

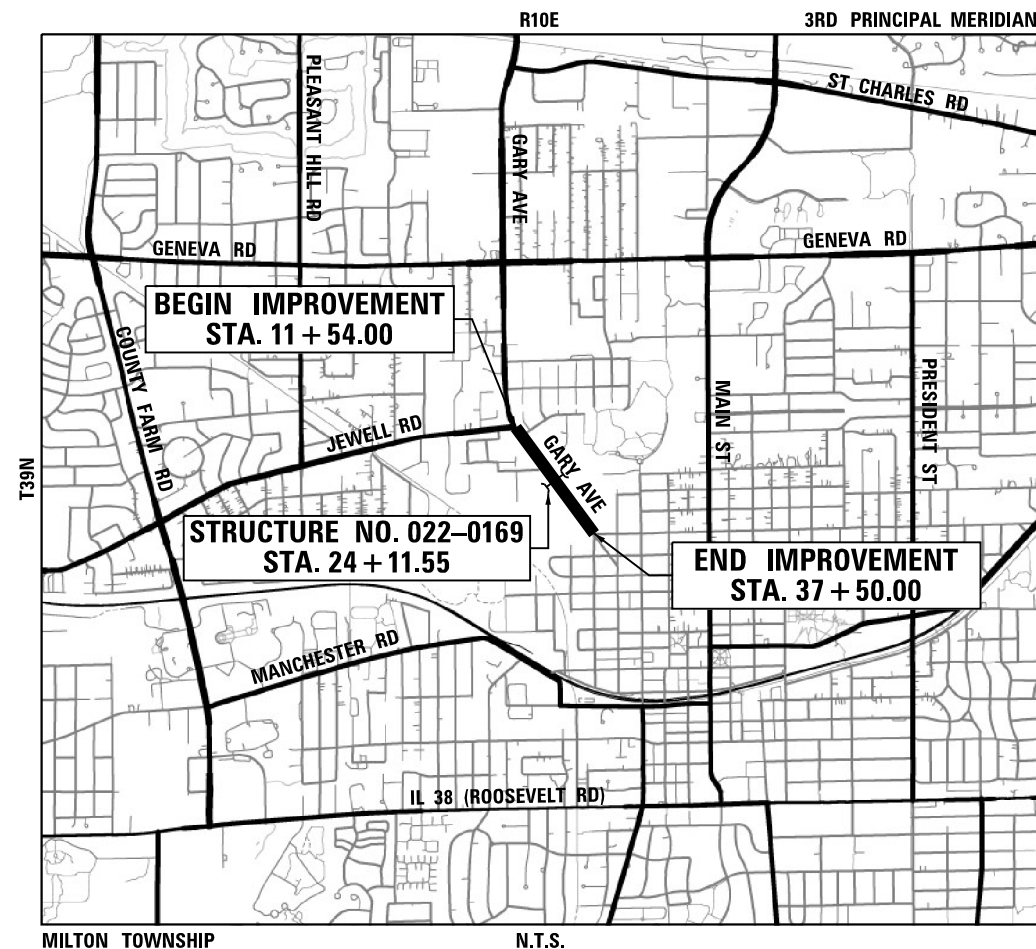
COUNTY: DUPAGE

LIMITS: JEWELL ROAD TO HARRISON AVENUE / ELLIS AVENUE

STATE JOB NO.: R-55-001-97



PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS



LOCATION MAP

PLAT OF HIGHWAYS INDEX SHEET

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001TE	WHEATON PARK DISTRICT	3	
0002TE	WHEATON PARK DISTRICT, A MUNICIPAL CORPORATION		
0003TE	A ONE-HALF (1/2) INTEREST TO THE WHEATON PARK DISTRICT, A PARK DISTRICT AND UNIT OF LOCAL GOVERNMENT AND A ONE-HALF (1/2) INTEREST TO THE FOREST PRESERVE DISTRICT OF DUPAGE COUNTY, A BODY CORPORATE AND POLITIC AND UNIT OF GOVERNMENT, AS TENANTS IN COMMON	4	
0004TE	WHEATON PARK DISTRICT		
0005PE	FOREST PRESERVE DISTRICT OF DUPAGE COUNTY, A BODY POLITIC AND CORPORATE, EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF ILLINOIS		
0006PE	A ONE-HALF (1/2) INTEREST TO WHEATON PARK DISTRICT AND A ONE-HALF (1/2) INTEREST TO FOREST PRESERVE DISTRICT OF DUPAGE COUNTY, AS TENANTS IN COMMON	5	
0006PE	A ONE-HALF (1/2) INTEREST TO WHEATON PARK DISTRICT AND A ONE-HALF (1/2) INTEREST TO FOREST PRESERVE DISTRICT OF DUPAGE COUNTY, AS TENANTS IN COMMON		
0007PE	WHEATON PARK DISTRICT	6	
0008TE	FOREST PRESERVE DISTRICT OF DUPAGE COUNTY, ILLINOIS	8	

NOTES:

1. THE NGS MONUMENT REFERENCED IN THE PREPARATION OF THIS PLAT IS NGS PID: AJ2808 ALSO KNOWN AS DUP64 2.
2. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
3. BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
4. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99994401.
5. AREAS SHOWN ON THIS PLAT ARE "GROUND".
6. ORIGINAL TOPOGRAPHIC SURVEY COMPLETED OCTOBER 2019 WITH ADDITIONAL PICKUP TOPOGRAPHIC SURVEYS COMPLETED AUGUST 2021. ADDITIONAL PROPERTY CORNERS TIED IN JUNE 2023.

FILE NAME = sht-poh-Gary Ave-02.dgn



thomas engineering group, llc
2625 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

CONTRACT NO. 61K32
SHEET 114 OF 257

IDOT USE ONLY

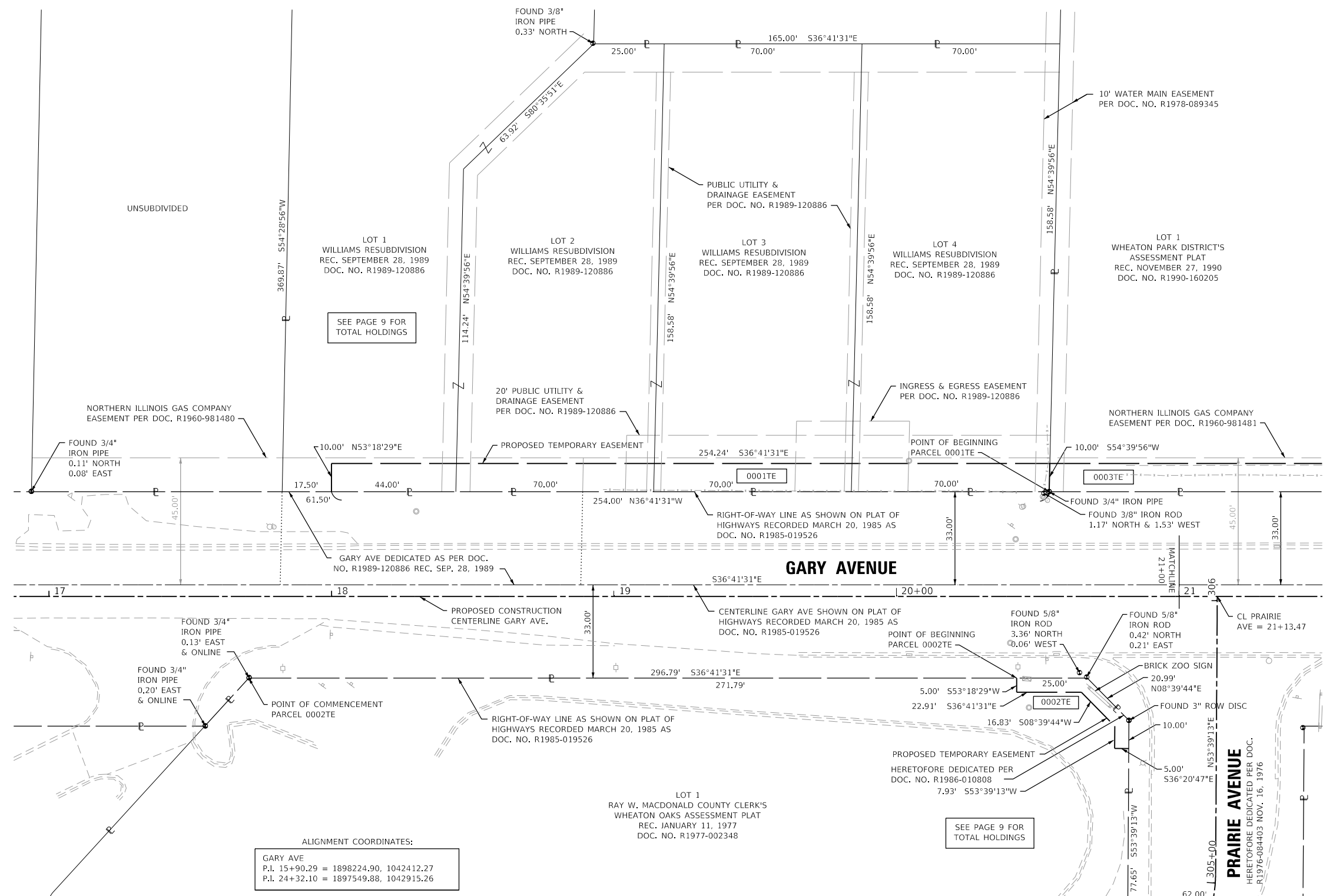
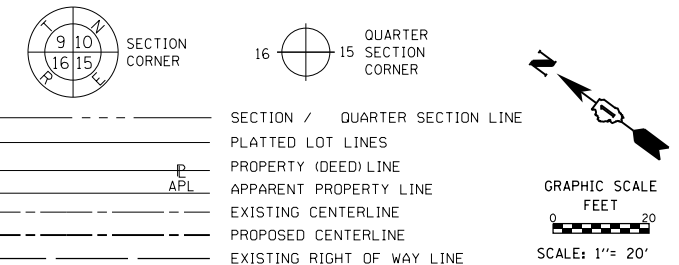
PLAT OF HIGHWAYS

CITY OF WHEATON
(GARY AVENUE)

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
STA. TO STA.
SCALE: N/A SHEET 02 OF 11 SHEETS

303 W WESLEY STREET
WHEATON, IL 60187

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, CHRISTOPHER DEYOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, THOMAS ENGINEERING GROUP AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-005183,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 08, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
 LICENSE EXPIRATION DATE: NOV, 30, 2024

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



thomas engineering group, llc
 2825 butterfield road
 suite 209w
 oak brook, il 60523
 phone: 855-533-1700

ALIGNMENT COORDINATES:
 GARY AVE
 P.I. 15+90.29 = 1898224.90, 1042412.27
 P.I. 24+32.10 = 1897549.88, 1042915.26

PROJECT COORDINATES							
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)							
ID	STATION	OFFSET	NORTHING	EASTING	ID	STATION	OFFSET
0001TE	17+99.98	37.08 LT	1898078.91	1042567.30	0002TE	20+42.46	28.92 RT
	17+99.98	47.08 LT	1898084.89	1042575.31		20+42.46	33.92 RT
	20+54.22	47.08 LT	1897881.03	1042727.22		20+65.37	33.92 RT
	20+53.98	37.08 LT	1897875.24	1042719.06		20+67.46	28.92 RT
						20+77.19	45.89 RT
						20+77.15	53.82 RT
						20+82.15	53.85 RT
						20+82.21	43.85 RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0001TE	1.524	N/A	N/A	1.524	0.058	N/A	05-08-408-032 05-08-408-033 05-08-408-034 05-08-408-035
0002TE	1.095	N/A	N/A	1.095	0.006	259	05-08-407-010

CONTRACT NO. 61K32
 SHEET 115 OF 257

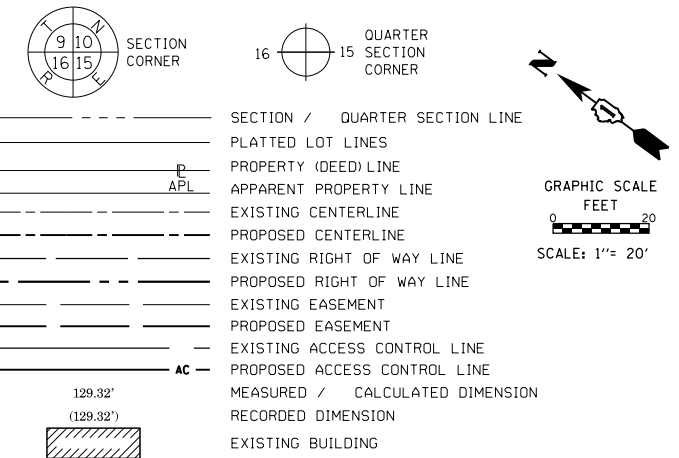
IDOT USE ONLY

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 17+00 TO STA. 21+00
 SCALE: 1"=20' SHEET 3 OF 11 SHEETS

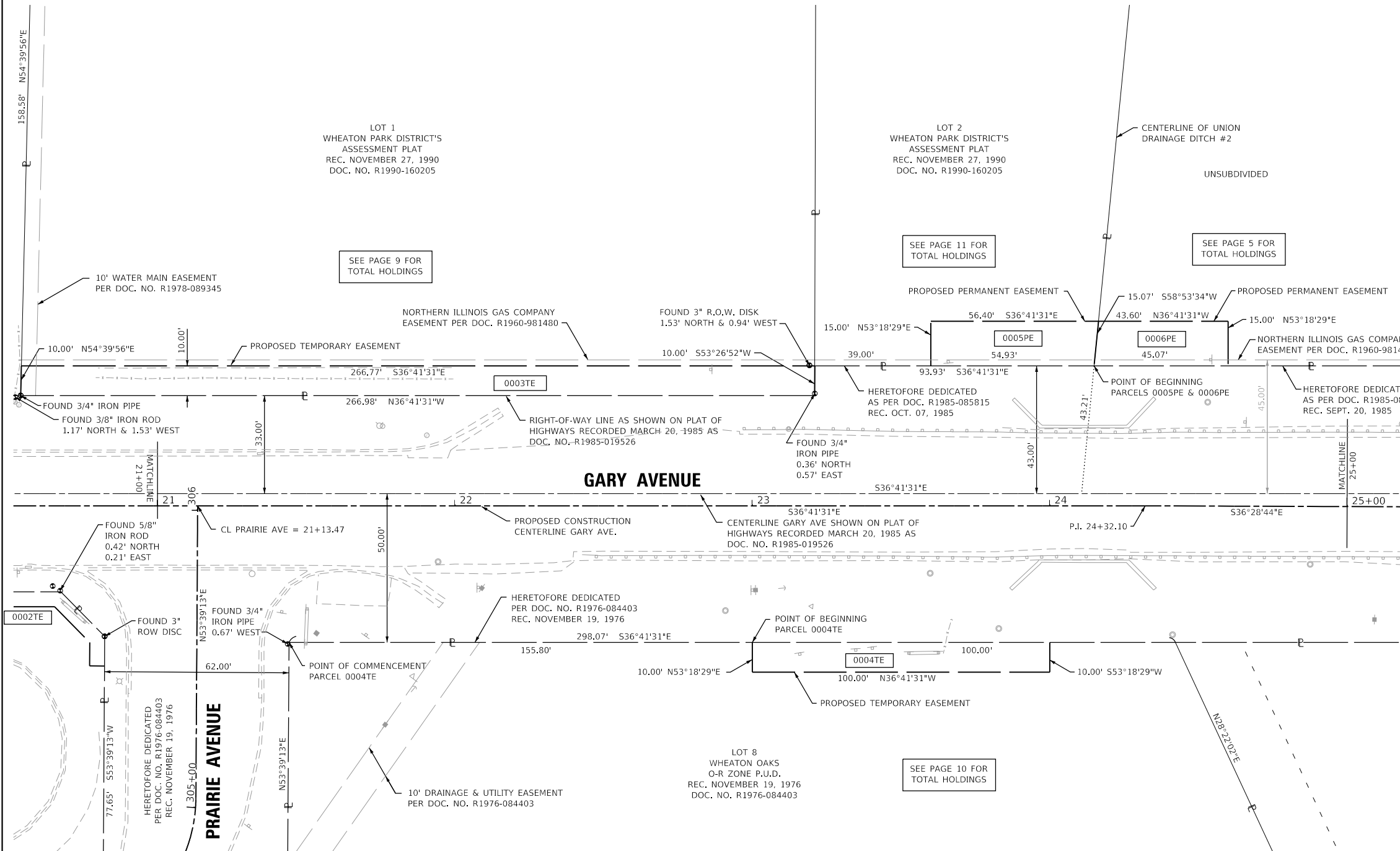
PLAT OF HIGHWAYS
CITY OF WHEATON
(GARY AVENUE)

303 W WESLEY STREET
WHEATON, IL 60187

LEGEND



PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)									
ID	STATION	OFFSET	NORTHING	EASTING	ID	STATION	OFFSET	NORTHING	EASTING
0003TE	20+53.98	37.08 LT	1897875.24	1042719.06	0005PE	23+59.99	47.08 LT	1897635.84	1042909.93
	20+54.22	47.08 LT	1897881.03	1042727.22		23+59.99	62.08 LT	1897644.80	1042921.95
	23+20.98	47.08 LT	1897667.12	1042886.62		24+14.92	47.08 LT	1897591.80	1042942.75
	23+20.96	37.08 LT	1897661.16	1042878.59		24+16.38	62.08 LT	1897599.58	1042955.65
0004TE	23+00.00	45.92 RT	1897628.37	1042799.51	0006PE	24+14.92	47.08 LT	1897591.80	1042942.75
	23+00.00	55.92 RT	1897622.40	1042791.49		24+16.38	62.08 LT	1897599.58	1042955.65
	24+00.00	55.92 RT	1897542.21	1042851.24		24+59.76	62.19 LT	1897564.62	1042981.71
	24+00.00	45.92 RT	1897548.19	1042859.26		24+59.81	47.19 LT	1897555.65	1042969.68



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 ■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF DUPAGE)

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DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003817
 LICENSE EXPIRATION DATE: NOV. 30, 2024

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

thomas
 engineering group
 service at the highest grade.

thomas engineering group, llc
 2825 butterfield road
 suite 209w
 oak brook, il 60523
 phone: 855-533-1700

PLAT OF HIGHWAYS
CITY OF WHEATON
(GARY AVENUE)

CONTRACT NO. 61K32
 SHEET 116 OF 257

IDOT USE ONLY

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 21+00 TO STA. 25+00
 SCALE: 1"=20' SHEET 4 OF 11 SHEETS

303 W WESLEY STREET
WHEATON, IL 60187

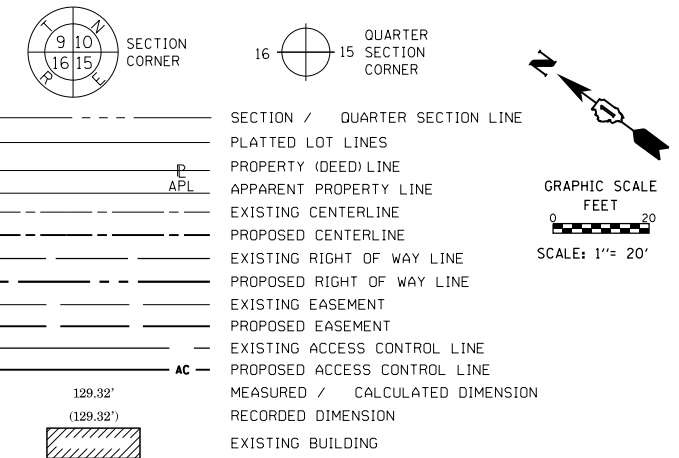
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0003TE	1.696	N/A	N/A	1.696	0.061	N/A	05-08-409-022
0004TE	5.076	N/A	N/A	5.076	0.023	N/A	05-08-418-006
0005PE	3.427	N/A	N/A	3.427	0.019	N/A	05-08-409-023
0006PE	1.211	N/A	N/A	1.211	0.015	N/A	05-08-414-023

ALIGNMENT COORDINATES:

GARY AVE
P.I. 15+90.29 = 1898224.90, 1042412.27
P.I. 24+32.10 = 1897549.88, 1042915.26
P.I. 26+78.56 = 1897351.71, 1043061.79

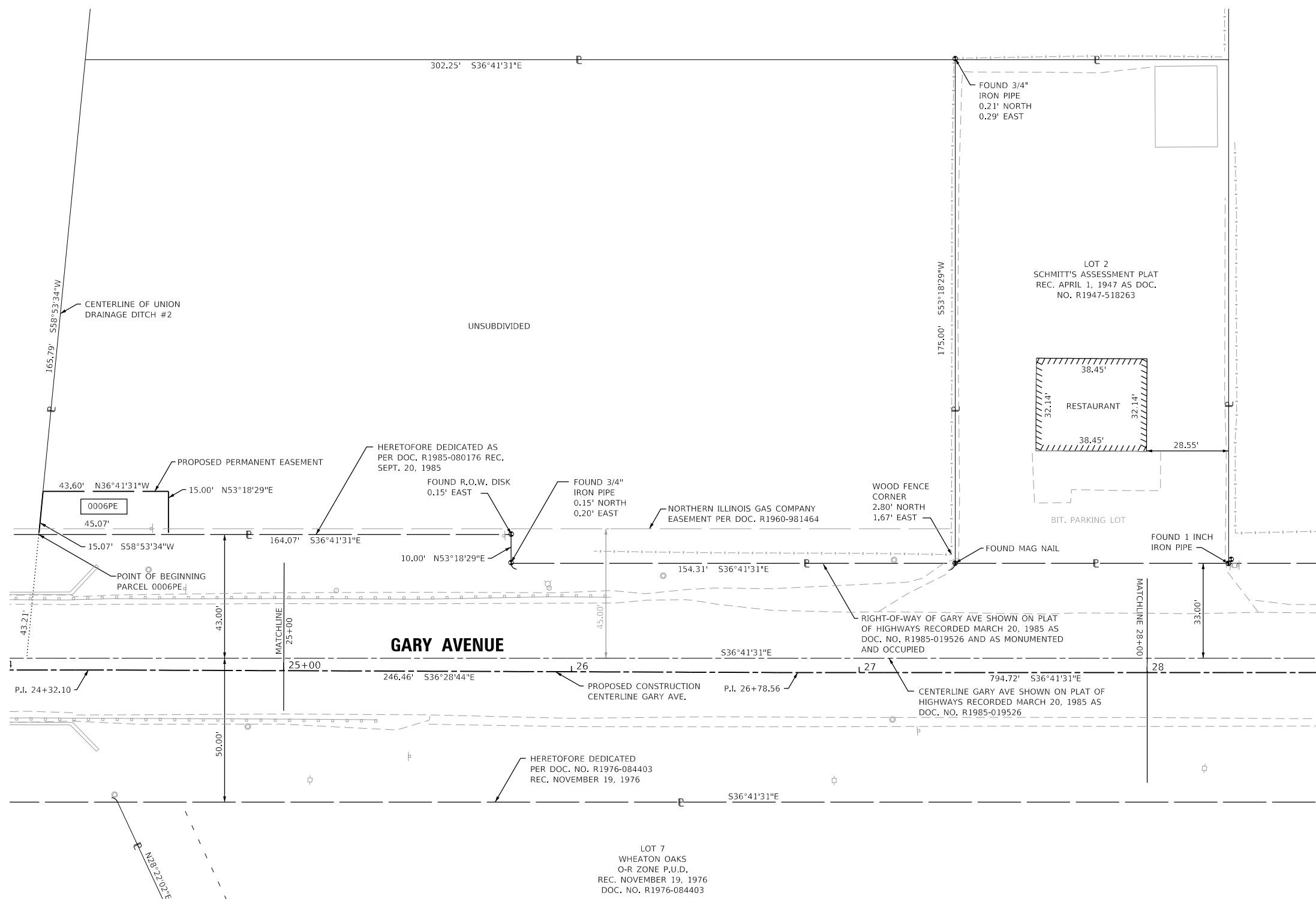
PART OF THE SOUTH HALF OF SECTION 08, TWP. 39 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET
- ⊕ "MAG" NAIL SET
- 5 / 8" REBAR SET



STATE OF ILLINOIS)
COUNTY OF DUPAGE)

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DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
LICENSE EXPIRATION DATE: NOV. 30, 2024

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



thomas engineering group, llc
2625 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

PLAT OF HIGHWAYS

**CITY OF WHEATON
(GARY AVENUE)**

CONTRACT NO. 61K32
SHEET 117 OF 257

IDOT USE ONLY

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
STA. 25+00 TO STA. 28+00
SCALE: 1"=20' SHEET 5 OF 11 SHEETS

**303 W WESLEY STREET
WHEATON, IL 60187**

PROJECT COORDINATES				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
ID	STATION	OFFSET	NORTHING	EASTING
0006PE	24+14.32	47.08 LT	1897591.80	1042942.75
	24+16.38	62.08 LT	1897599.98	1042955.65
	24+59.76	62.19 LT	1897564.62	1042981.71
	24+59.81	47.19 LT	1897555.65	1042969.68

ALIGNMENT COORDINATES:

GARY AVE
P.I. 15+90.29 = 1898224.90, 1042412.27
P.I. 24+32.10 = 1897549.88, 1042915.26
P.I. 26+78.56 = 1897351.71, 1043061.79

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0006PE	1.211	N/A	N/A	1.211	0.015	N/A	05-08-414-023

PART OF THE SOUTH HALF OF SECTION 08, TWP. 39 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

LEGEND

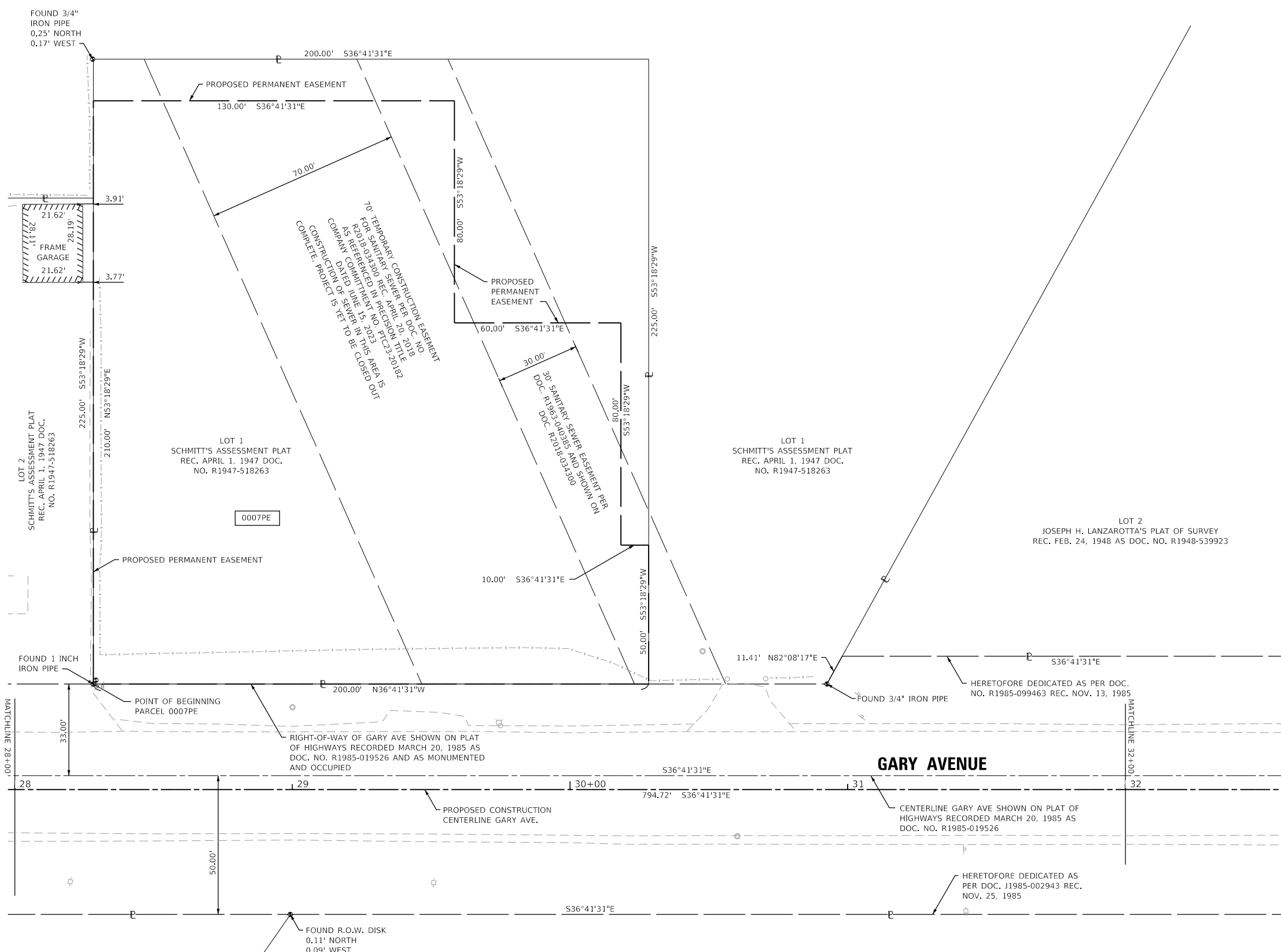
SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED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

SECTION CORNER
 QUARTER SECTION CORNER

GRAPHIC SCALE
 FEET
 0 20
 SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
) SS
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, CHRISTOPHER DEYOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, THOMAS ENGINEERING GROUP AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-005183,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 08, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003817
 LICENSE EXPIRATION DATE: NOV. 30, 2024

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



thomas engineering group, llc
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PLAT OF HIGHWAYS

**CITY OF WHEATON
 (GARY AVENUE)**

CONTRACT NO. 61K32
 SHEET 118 OF 257

IDOT USE ONLY

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 28+00 TO STA. 32+00
 SCALE: 1"=20' SHEET 6 OF 11 SHEETS

**303 W WESLEY STREET
 WHEATON, IL 60187**

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

ID	STATION	OFFSET	NORTHING	EASTING
0007PE	28+28.30	38.00 LT	1897254.34	1043181.73
	28+28.30	248.00 LT	1897379.82	1043350.12
	29+58.30	248.00 LT	1897275.58	1043427.80
	29+58.30	168.00 LT	1897227.78	1043363.65
	30+18.30	168.00 LT	1897179.67	1043399.5
	30+18.30	88.00 LT	1897131.87	1043335.35
	30+28.30	88.00 LT	1897123.85	1043341.33
	30+28.30	38.00 LT	1897093.97	1043301.23

ALIGNMENT COORDINATES:

GARY AVE P.I. 26+78.56 = 1897351.71, 1043061.79 P.I. 34+73.28 = 1896714.46, 1043536.64
--

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0007PE	1.033	N/A	N/A	1.033	0.817	N/A	05-08-414-027

PART OF THE SOUTH HALF OF SECTION 08, TWP. 39 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

LEGEND

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

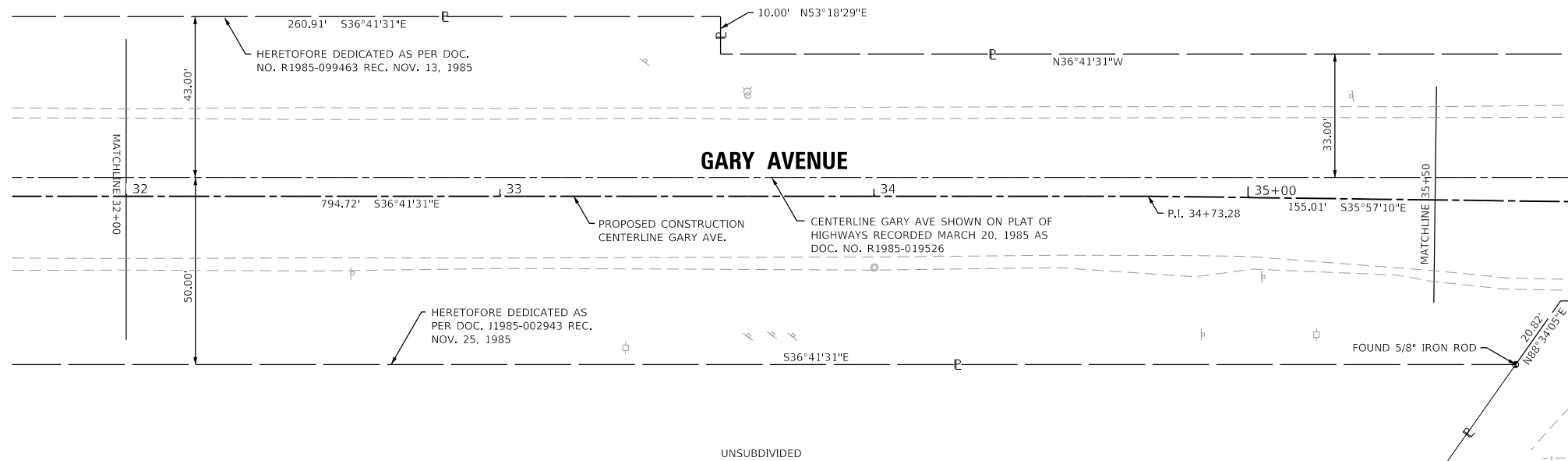
SECTION CORNER
 QUARTER SECTION CORNER

GRAPHIC SCALE
 FEET
 0 20
 SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

LOT 2
 JOSEPH H. LANZAROTTA'S PLAT OF SURVEY
 REC. FEB. 24, 1948 AS DOC. NO. R1948-539923



STATE OF ILLINOIS)
) SS
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, CHRISTOPHER DEYOUNG, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, THOMAS ENGINEERING GROUP AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-005183,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 08, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
 LICENSE EXPIRATION DATE: NOV, 30, 2024

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



thomas engineering group, llc
 2825 butterfield road
 suite 209w
 oak brook, il 60523
 phone: 855-533-1700

ALIGNMENT COORDINATES:

GARY AVE
P.I. 26+78.56 = 1897351.71, 1043061.79
P.I. 34+73.28 = 1896714.46, 1043536.64
P.I. 36+28.29 = 1896588.97, 1043627.65

CONTRACT NO. 61K32
 SHEET 119 OF 257

IDOT USE ONLY

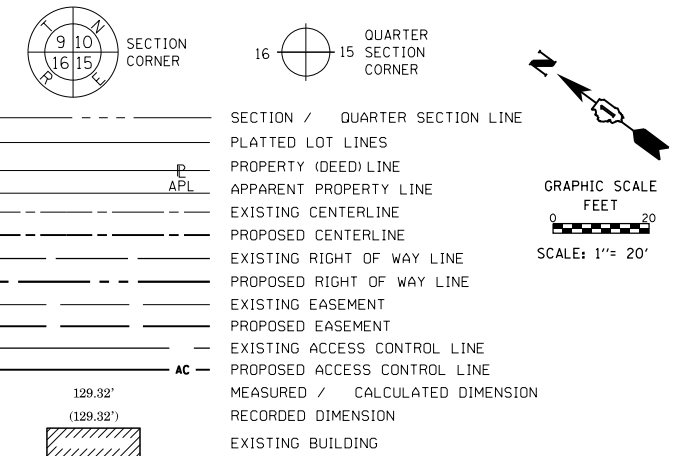
PLAT OF HIGHWAYS
CITY OF WHEATON
(GARY AVENUE)

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 32+00 TO STA. 35+50
 SCALE: 1"=20' SHEET 7 OF 11 SHEETS

303 W WESLEY STREET
WHEATON, IL 60187

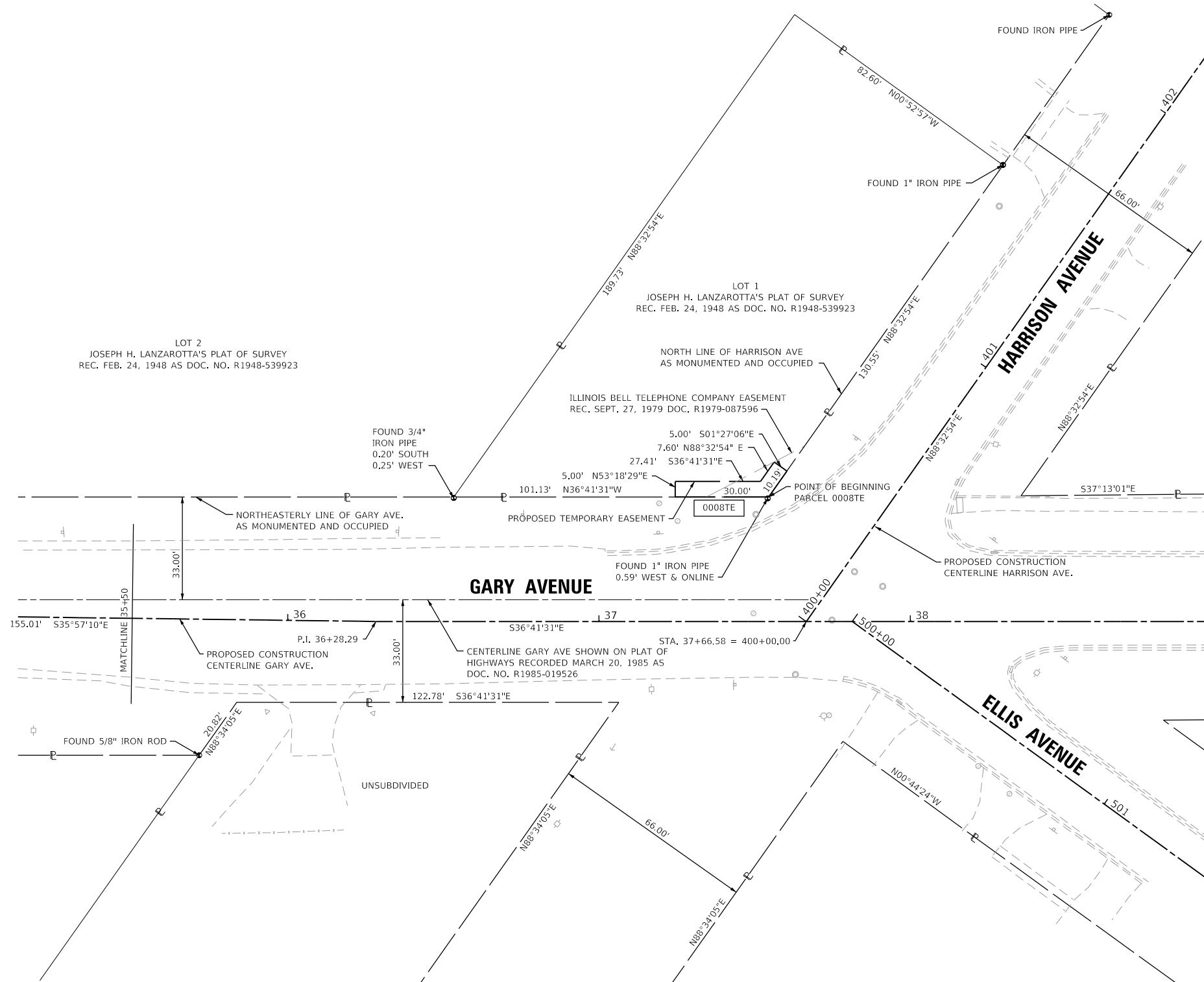
PART OF THE SOUTH HALF OF SECTION 08, TWP. 39 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
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STATE OF ILLINOIS)
 COUNTY OF DUPAGE)

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 LICENSE EXPIRATION DATE: NOV, 30, 2024

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PLAT OF HIGHWAYS

**CITY OF WHEATON
 (GARY AVENUE)**

CONTRACT NO. 61K32
 SHEET 120 OF 257

IDOT USE ONLY

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 35+50 TO STA. 39+00
 SCALE: 1"=20' SHEET 8 OF 11 SHEETS

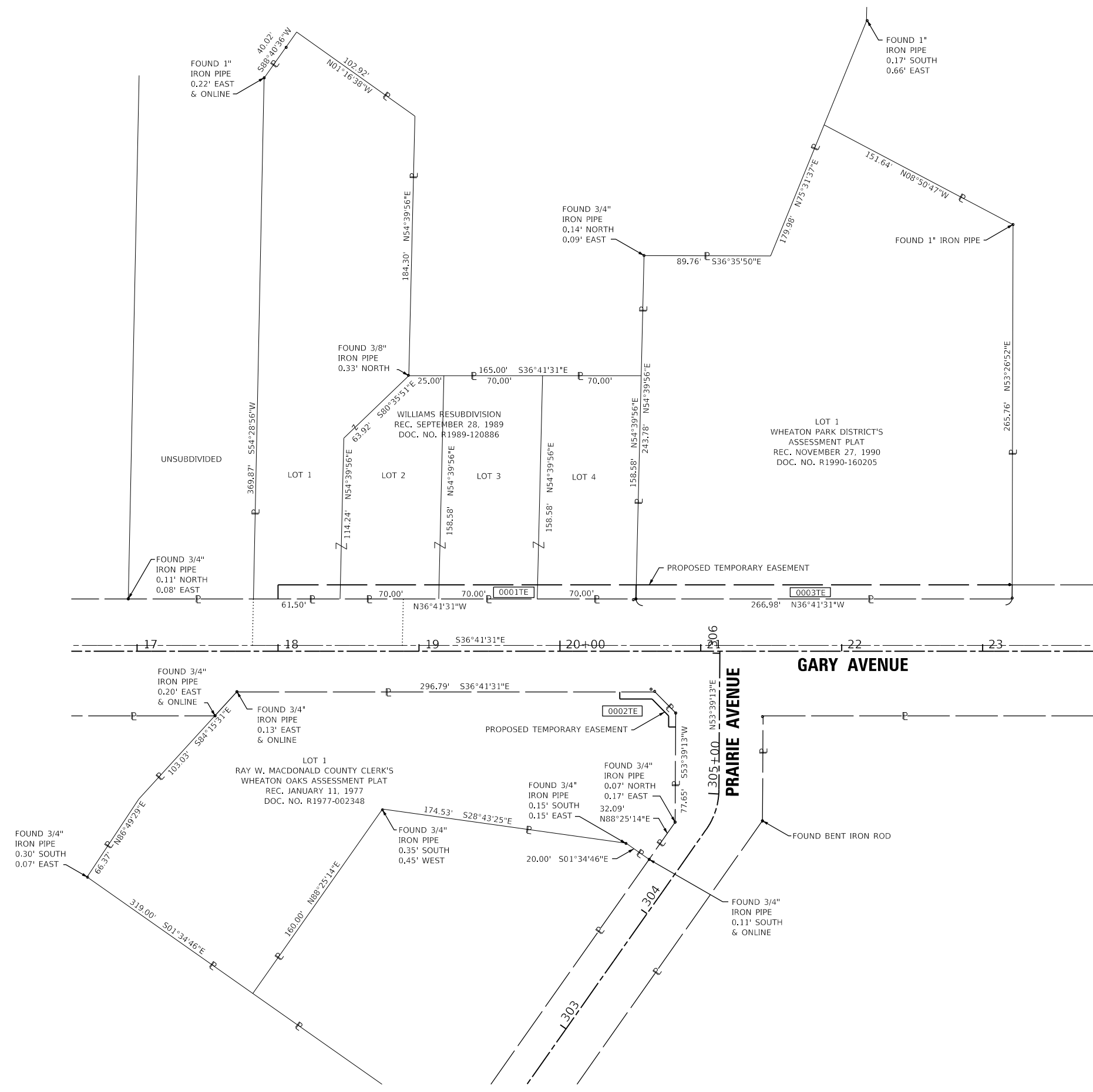
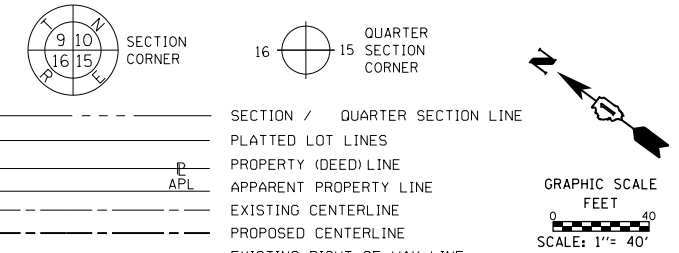
**303 W WESLEY STREET
 WHEATON, IL 60187**

PROJECT COORDINATES				
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
ID	STATION	OFFSET	NORTHING	EASTING
0008TE	37+24.44	40.00 LT	1896535.78	1043717.17
	37+24.44	45.00 LT	1896538.77	1043721.18
	37+51.85	45.00 LT	1896516.79	1043737.56
	37+54.44	40.00 LT	1896511.72	1043735.10
	37+56.23	51.21 LT	1896516.98	1043745.16
	37+60.32	48.32 LT	1896511.98	1043745.29

ALIGNMENT COORDINATES:			
GARY AVE	P.I. 34+73.28 =	1896714.46,	1043536.64
	P.I. 36+28.29 =	1896588.97,	1043627.65
	P.I. 40+00.00 =	1896290.92,	1043849.75

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0008TE	0.304	N/A	N/A	0.304	0.004	188	05-08-415-002

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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- ⊕ *MAG* NAIL SET
- 5 / 8" REBAR SET

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

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DATED AT _____, ILLINOIS THIS __ DAY OF _____ 20__ A.D.

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LICENSE EXPIRATION DATE: NOV. 30, 2024

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service at the highest grade.

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2825 butterfield road
suite 209w
oak brook, il 60523
phone: 855-533-1700

PLAT OF HIGHWAYS

**CITY OF WHEATON
(GARY AVENUE)**

CONTRACT NO. 61K32
SHEET 121 OF 257

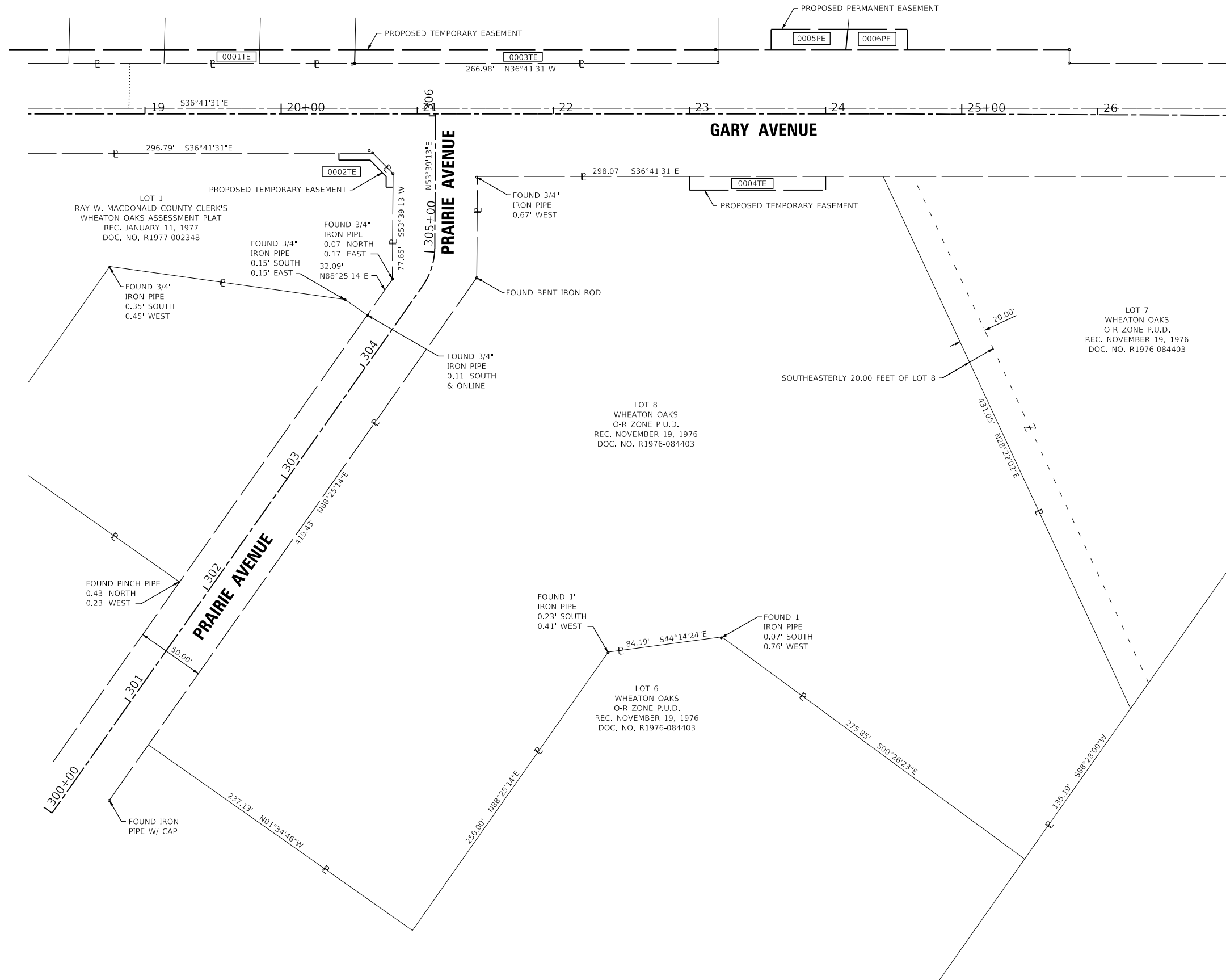
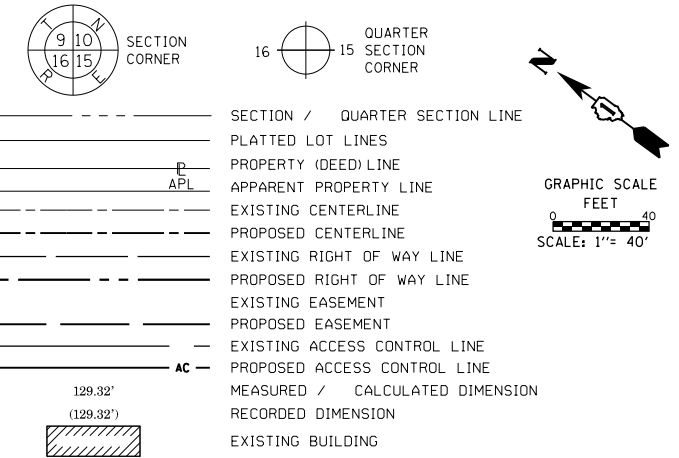
IDOT USE ONLY

LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
STA. 17+00 TO STA. 21+00
SCALE: 1"=40' SHEET 9 OF 11 SHEETS

**303 W WESLEY STREET
WHEATON, IL 60187**

PART OF THE SOUTH HALF OF SECTION 08, TWP. 39 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

LEGEND



- IRON PIPE OR ROD FOUND
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ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003817
 LICENSE EXPIRATION DATE: NOV. 30, 2024

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 service at the highest grade

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PLAT OF HIGHWAYS
CITY OF WHEATON
(GARY AVENUE)

CONTRACT NO. 61K32
 SHEET 122 OF 257

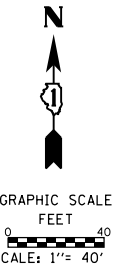
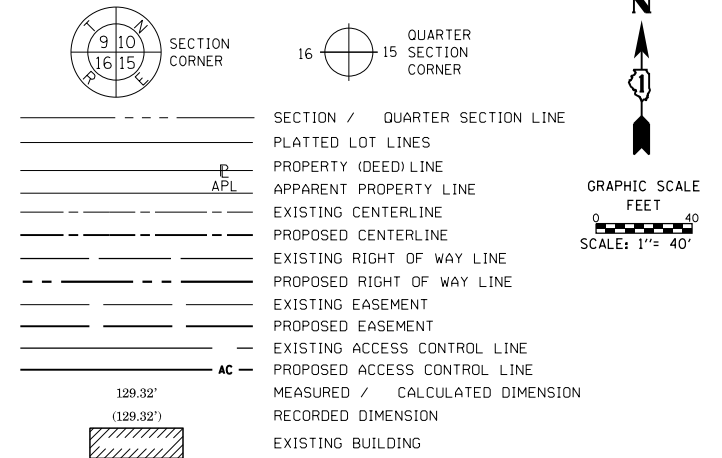
LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 19+00 TO STA. 27+00
 SCALE: 1"=40' SHEET 10 OF 11 SHEETS

303 W WESLEY STREET
WHEATON, IL 60187

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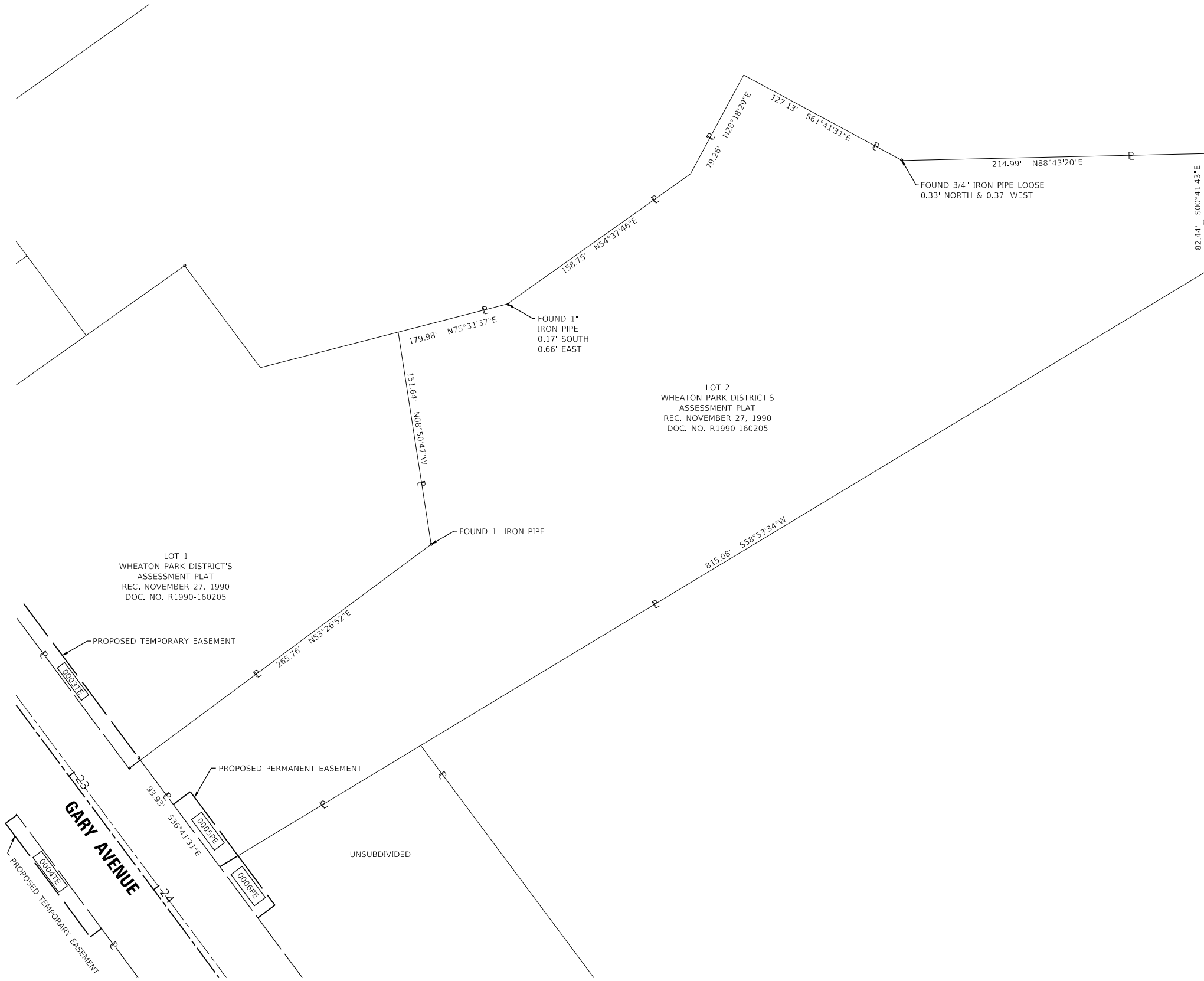
PART OF THE SOUTH HALF OF SECTION 08, TWP. 39 N., R. 10 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

LEGEND



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CONTRACT NO. 61K32
 SHEET 123 OF 257

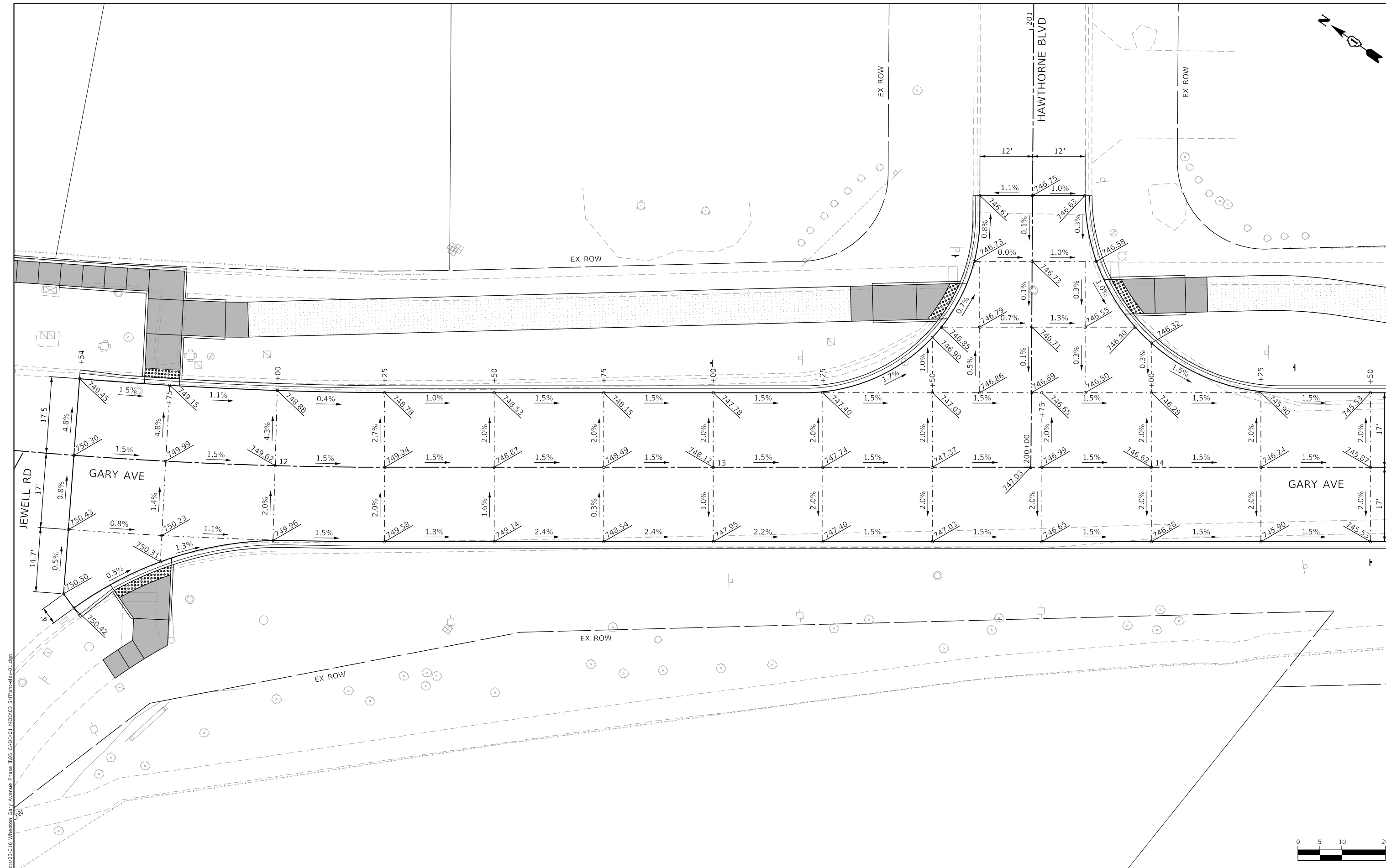
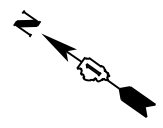
IDOT USE ONLY

PLAT OF HIGHWAYS
CITY OF WHEATON
(GARY AVENUE)

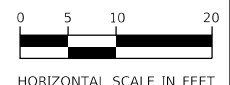
LIMITS: JEWELL ROAD TO HARRISON AVE COUNTY: DUPAGE
 SECTION: 20-00123-00-PV JOB NO.: R-55-001-97
 STA. 22+00 TO STA. 25+00
 SCALE: 1"=40' SHEET 11 OF 11 SHEETS

303 W WESLEY STREET
WHEATON, IL 60187

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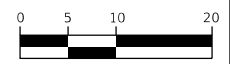
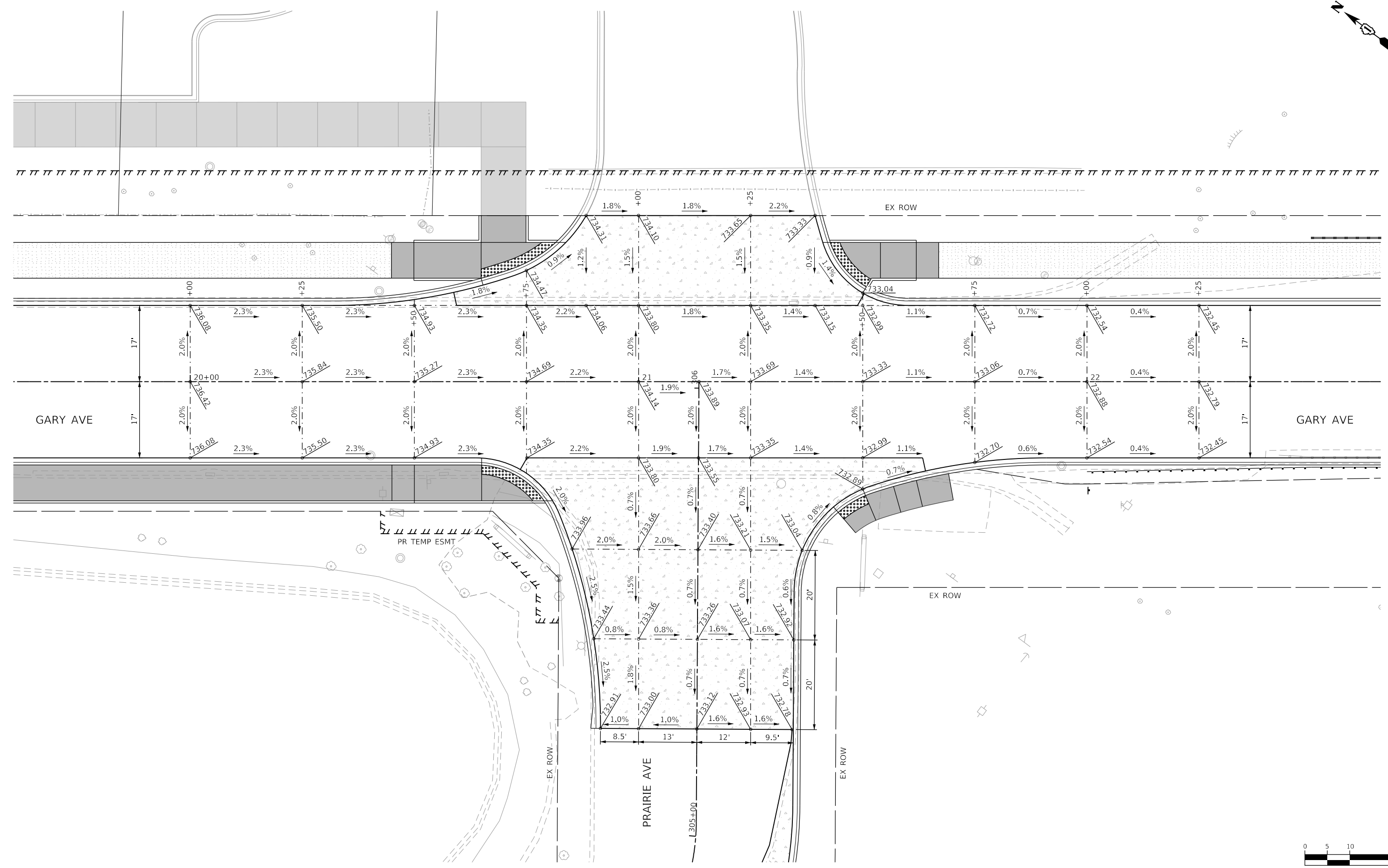
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DRAWN - JBH	REVISED -	
PLOT SCALE = 20.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	124
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				



HORIZONTAL SCALE IN FEET

MODEL: Default
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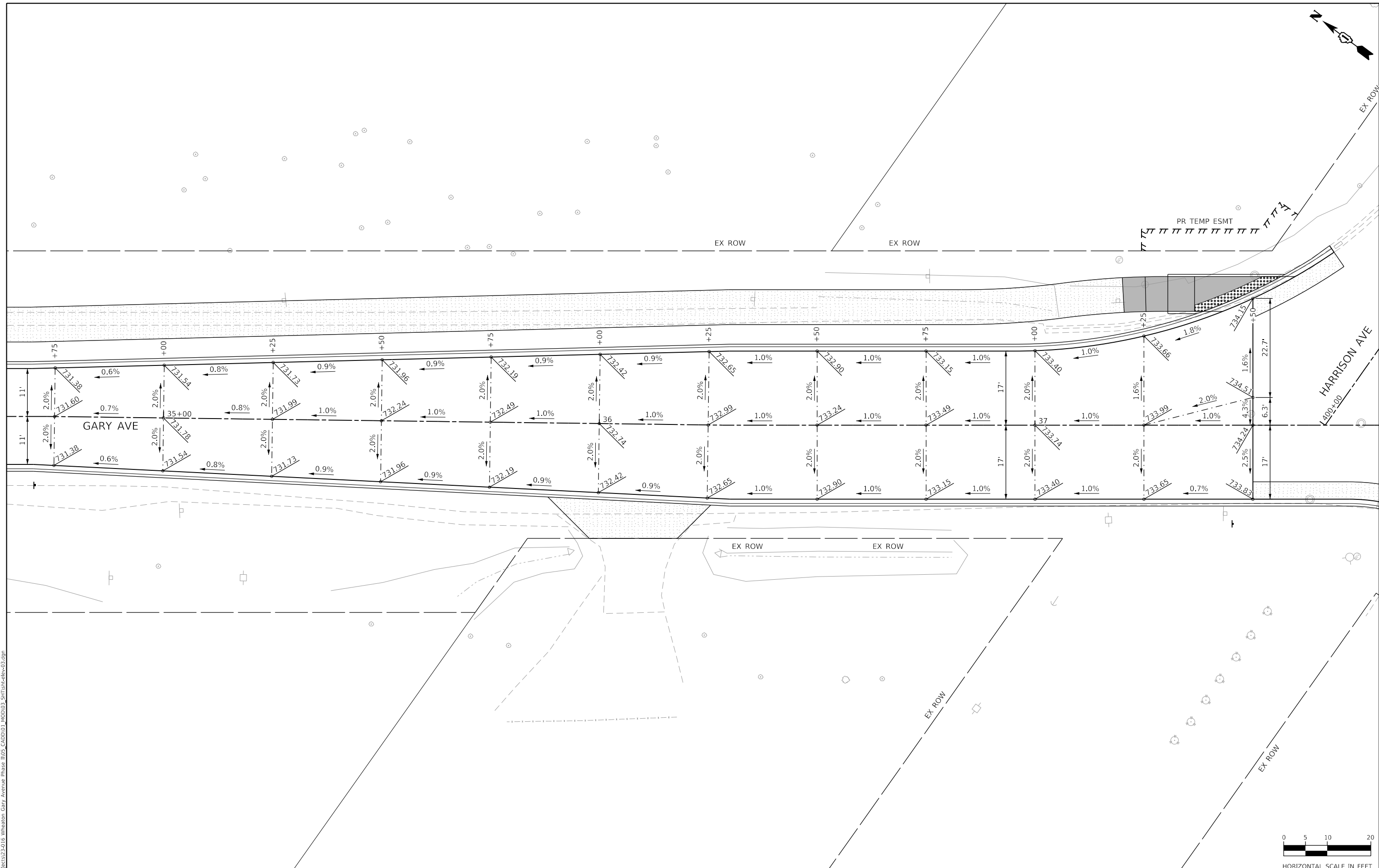
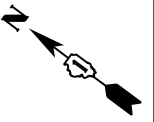
USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 20.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	125
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				



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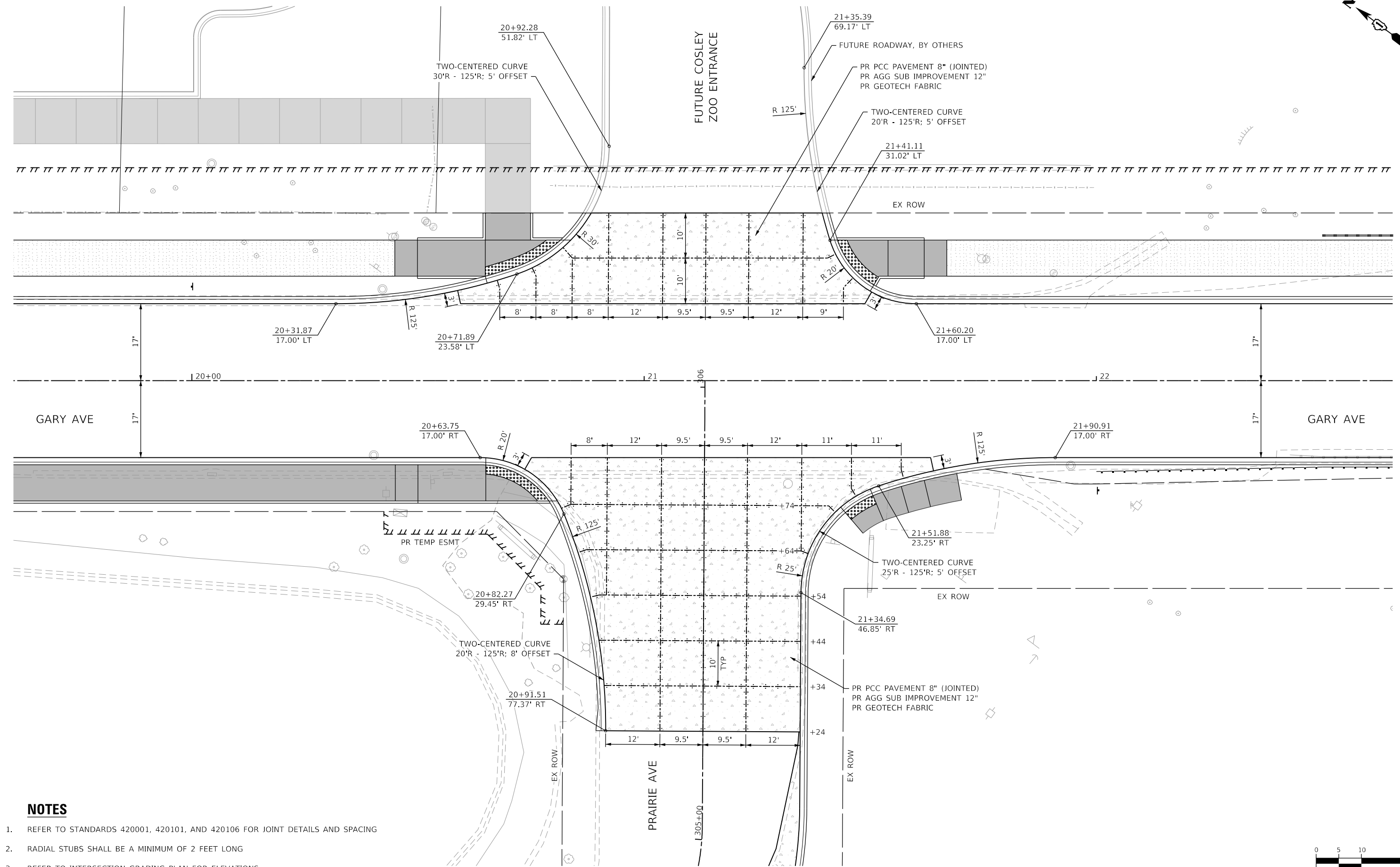
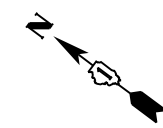
USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
 SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

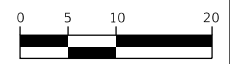
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	126
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				





NOTES

- REFER TO STANDARDS 420001, 420101, AND 420106 FOR JOINT DETAILS AND SPACING
- RADIAL STUBS SHALL BE A MINIMUM OF 2 FEET LONG
- REFER TO INTERSECTION GRADING PLAN FOR ELEVATIONS



HORIZONTAL SCALE IN FEET

MODEL: Default
 FILE NAME: I:\05\05\03\02\016 Whitson Gary Avenue Phase II\05_CADD\01_MDD\03_SHT\Jointing-01.dgn



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
DRAWN - JBH	REVISIONS -	
PLOT SCALE = 20.0000" = 1'	CHECKED - JMY	REVISIONS -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLAN
PRAIRIE AVENUE**

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

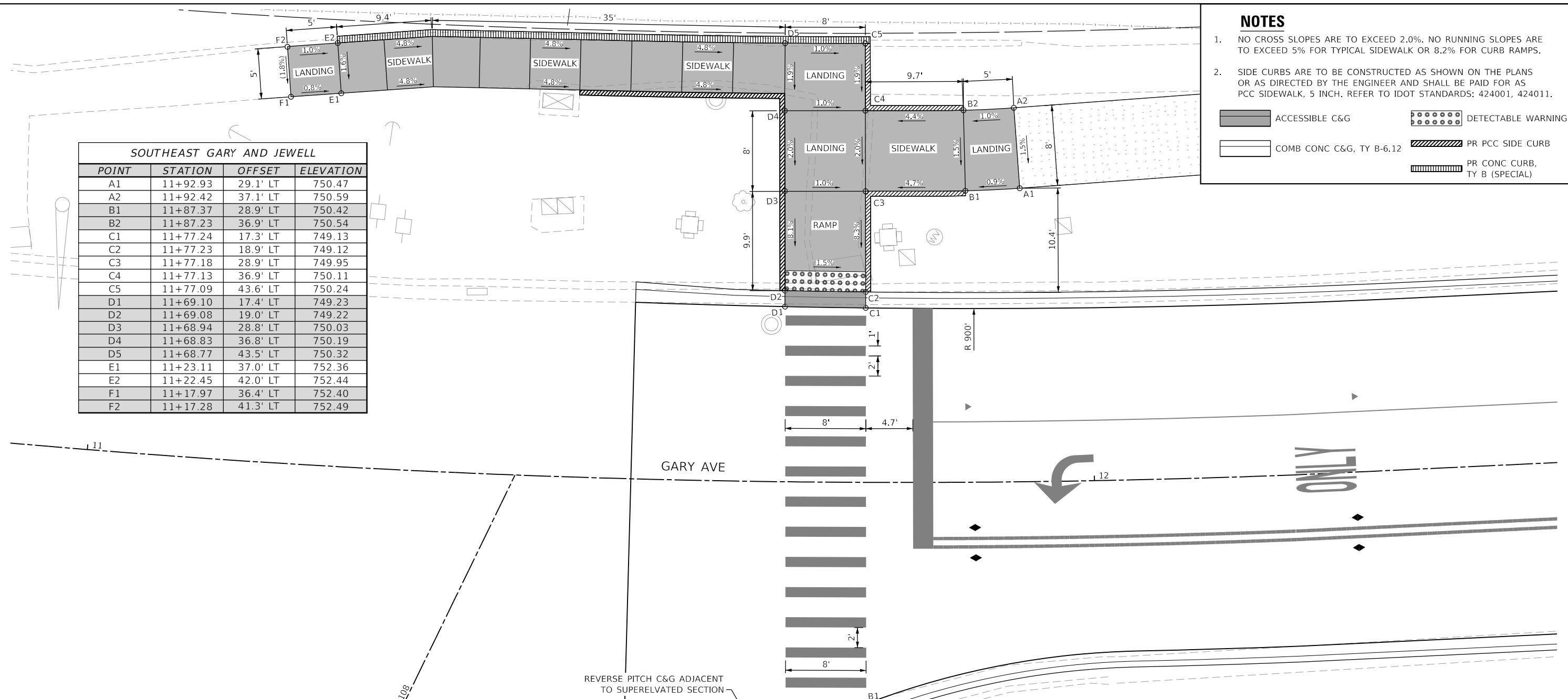
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	127
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

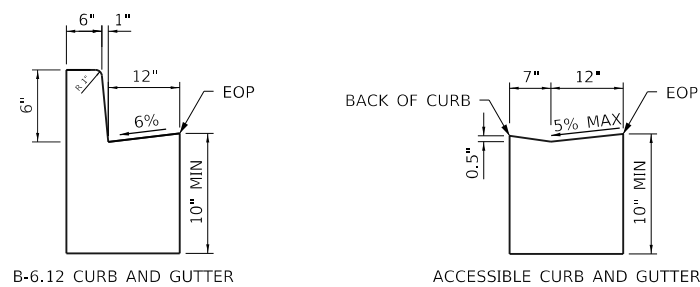
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.

	ACCESSIBLE C&G		DETECTABLE WARNING
	COMB CONC C&G, TY B-6.12		PR PCC SIDE CURB
			PR CONC CURB, TY B (SPECIAL)

SOUTHEAST GARY AND JEWELL			
POINT	STATION	OFFSET	ELEVATION
A1	11+92.93	29.1' LT	750.47
A2	11+92.42	37.1' LT	750.59
B1	11+87.37	28.9' LT	750.42
B2	11+87.23	36.9' LT	750.54
C1	11+77.24	17.3' LT	749.13
C2	11+77.23	18.9' LT	749.12
C4	11+77.13	36.9' LT	750.11
C5	11+77.09	43.6' LT	750.24
D1	11+69.10	17.4' LT	749.23
D2	11+69.08	19.0' LT	749.22
D3	11+68.94	28.8' LT	750.03
D4	11+68.83	36.8' LT	750.19
D5	11+68.77	43.5' LT	750.32
E1	11+23.11	37.0' LT	752.36
E2	11+22.45	42.0' LT	752.44
F1	11+17.97	36.4' LT	752.40
F2	11+17.28	41.3' LT	752.49

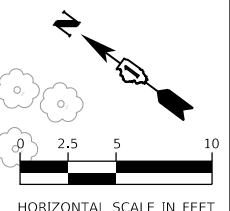
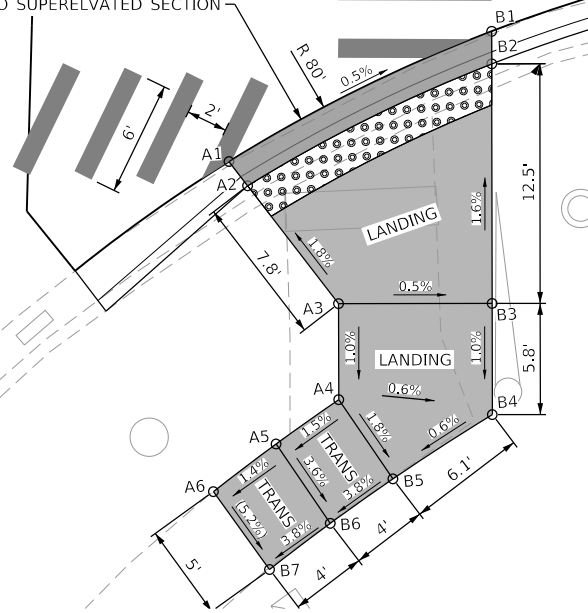


CURB AND GUTTER DETAILS



REVERSE PITCH C&G ADJACENT TO SUPERLEVATED SECTION

SOUTHWEST GARY AND JEWELL			
POINT	STATION	OFFSET	ELEVATION
A1	11+64.16	28.9' RT	750.37
A2	11+65.13	30.2' RT	750.40
A3	11+69.79	36.2' RT	750.54
A4	11+69.85	41.2' RT	750.49
A5	11+66.75	43.6' RT	750.43
A6	11+63.66	46.0' RT	750.36
B1	11+77.45	22.0' RT	750.27
B2	11+77.45	23.7' RT	750.30
B3	11+77.52	36.2' RT	750.50
B4	11+77.54	42.0' RT	750.44
B5	11+72.60	45.3' RT	750.40
B6	11+69.50	47.7' RT	750.25
B7	11+66.52	50.1' RT	750.10



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USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 3/18/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

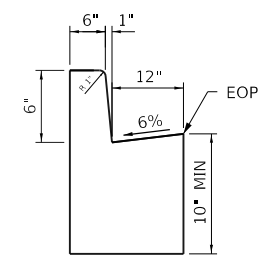
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	128
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

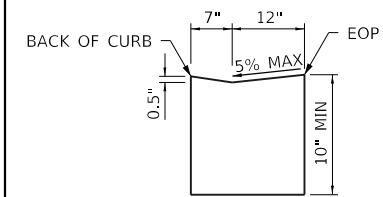
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.

 ACCESSIBLE C&G	 DETECTABLE WARNING
 COMB CONC C&G, TY B-6.12	 PR PCC SIDE CURB

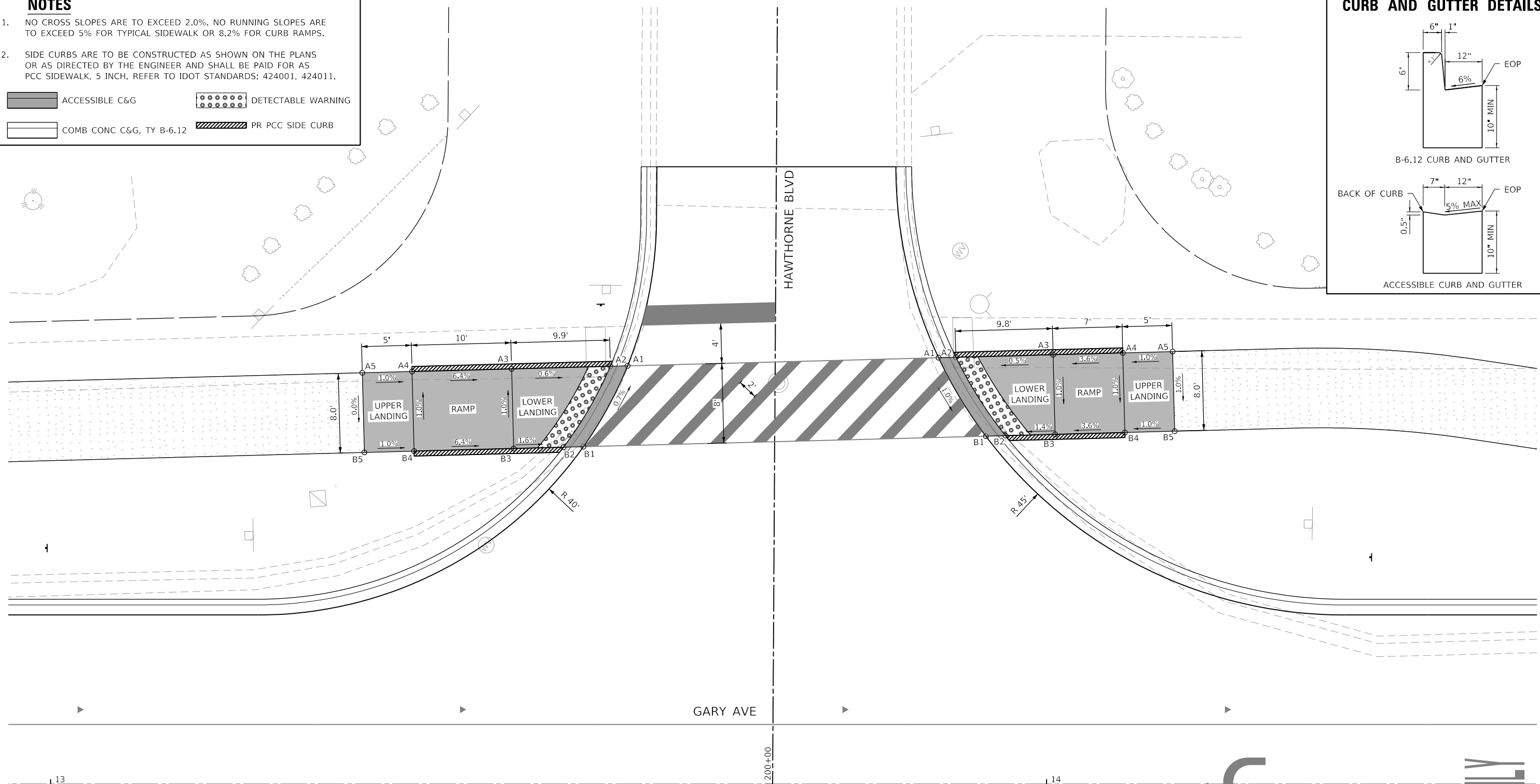
CURB AND GUTTER DETAILS



B-6.12 CURB AND GUTTER



ACCESSIBLE CURB AND GUTTER



NORTHEAST GARY AND HAWTHORNE			
POINT	STATION	OFFSET	ELEVATION
A1	13+57.93	42.0' LT	746.77
A2	13+56.20	42.0' LT	746.76
A3	13+46.29	41.7' LT	746.82
A4	13+36.30	41.4' LT	747.46
A5	13+31.30	41.3' LT	747.59
B1	13+53.50	33.9' LT	746.83
B2	13+51.50	33.8' LT	746.82
B3	13+46.50	33.7' LT	746.90
B4	13+36.51	33.5' LT	747.54
B5	13+31.51	33.3' LT	747.59

SOUTHEAST GARY AND HAWTHORNE			
POINT	STATION	OFFSET	ELEVATION
A1	13+89.17	42.8' LT	746.54
A2	13+90.90	42.9' LT	746.53
A3	14+00.66	43.1' LT	746.58
A4	14+07.66	43.3' LT	746.83
A5	14+12.66	43.4' LT	746.88
B1	13+93.91	35.0' LT	746.44
B2	13+95.88	35.0' LT	746.43
B3	14+00.87	35.1' LT	746.50
B4	14+07.87	35.3' LT	746.75
B5	14+12.87	35.5' LT	746.80

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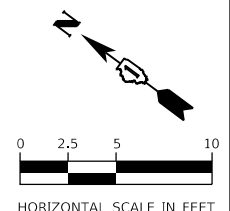


USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	129
CONTRACT NO. 61K32				
ILLINOIS		FED. AID PROJECT		



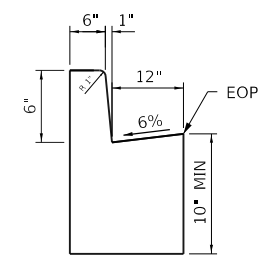
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NOTES

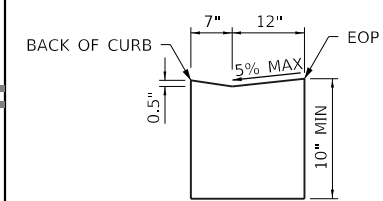
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.



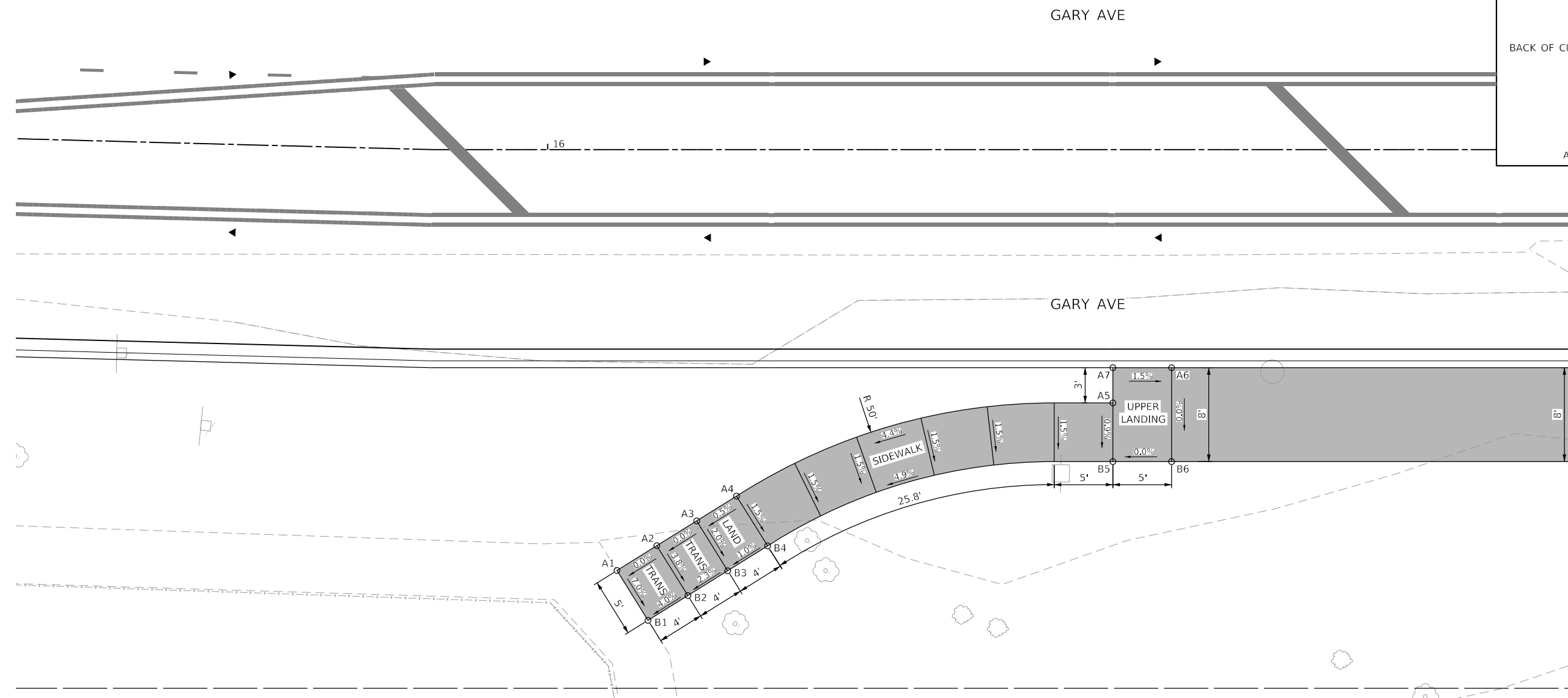
CURB AND GUTTER DETAILS



B-6.12 CURB AND GUTTER

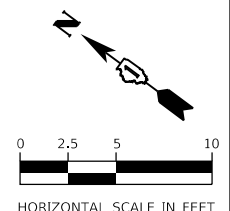


ACCESSIBLE CURB AND GUTTER



COSLEY ZOO ACCESS RAMP

POINT	STATION	OFFSET	ELEVATION
A1	16+05.90	35.9' RT	741.45
A2	16+09.30	33.8' RT	741.45
A3	16+12.69	31.6' RT	741.45
A4	16+16.09	29.5' RT	741.47
A5	16+48.15	21.6' RT	742.96
A6	16+53.15	18.6' RT	742.92
A7	16+48.15	18.6' RT	742.99
B1	16+08.55	40.1' RT	741.10
B2	16+11.94	38.0' RT	741.26
B3	16+15.34	35.9' RT	741.35
B4	16+18.73	33.8' RT	741.40
B5	16+48.15	26.6' RT	742.92
B6	16+53.15	26.6' RT	742.92



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USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
DRAWN - JBH	REVISIONS -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN

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

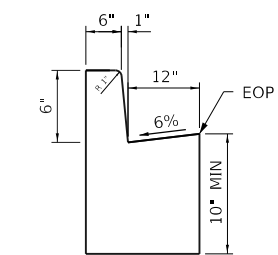
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	130
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K32	

NOTES

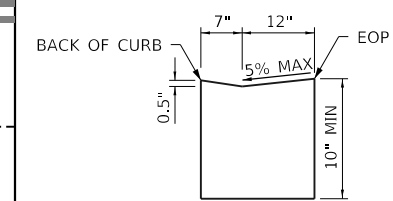
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.



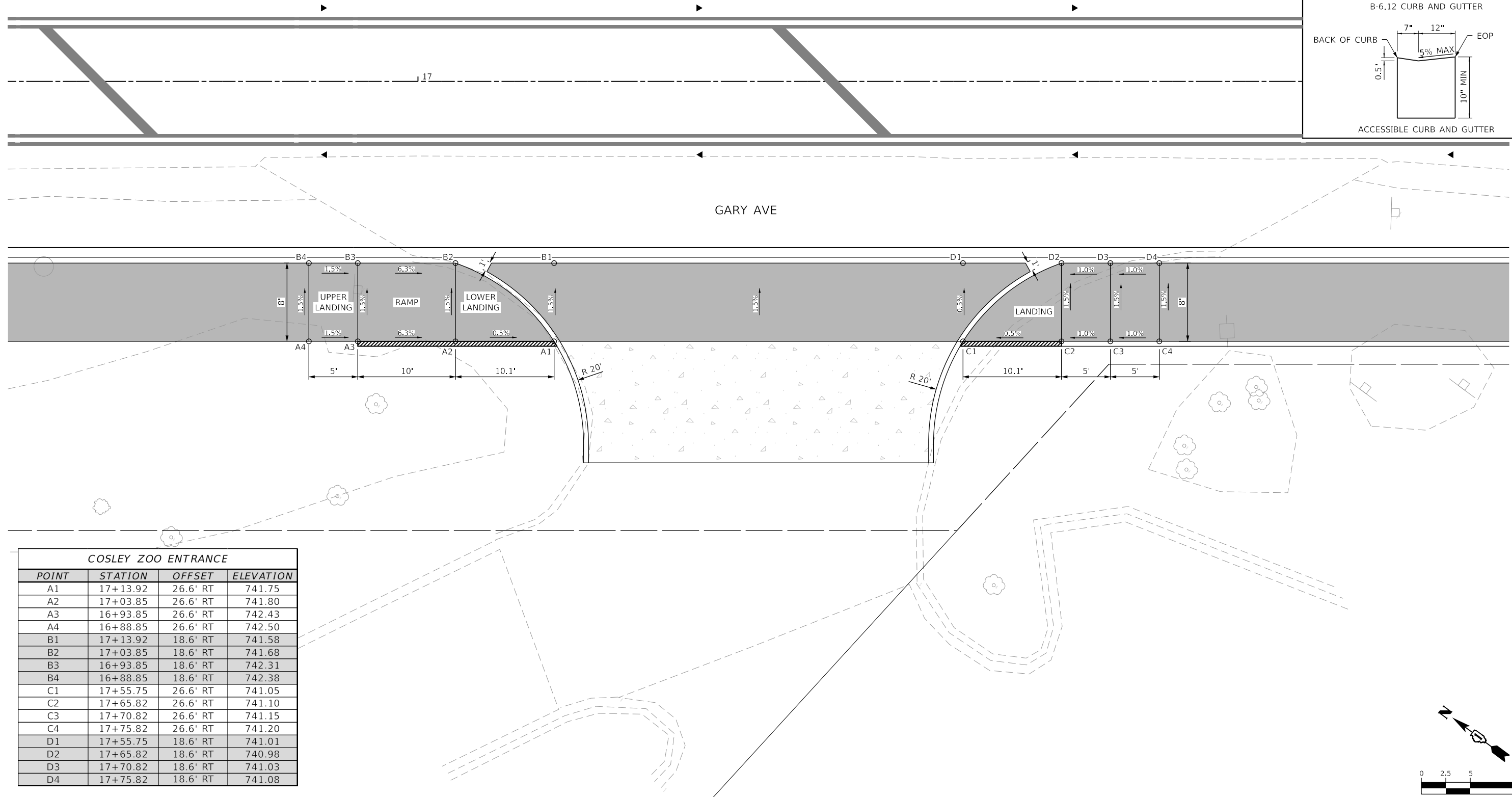
CURB AND GUTTER DETAILS



B-6.12 CURB AND GUTTER

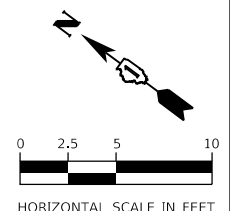


ACCESSIBLE CURB AND GUTTER



COSLEY ZOO ENTRANCE

POINT	STATION	OFFSET	ELEVATION
A1	17+13.92	26.6' RT	741.75
A2	17+03.85	26.6' RT	741.80
A3	16+93.85	26.6' RT	742.43
A4	16+88.85	26.6' RT	742.50
B1	17+13.92	18.6' RT	741.58
B2	17+03.85	18.6' RT	741.68
B3	16+93.85	18.6' RT	742.31
B4	16+88.85	18.6' RT	742.38
C1	17+55.75	26.6' RT	741.05
C2	17+65.82	26.6' RT	741.10
C3	17+70.82	26.6' RT	741.15
C4	17+75.82	26.6' RT	741.20
D1	17+55.75	18.6' RT	741.01
D2	17+65.82	18.6' RT	740.98
D3	17+70.82	18.6' RT	741.03
D4	17+75.82	18.6' RT	741.08



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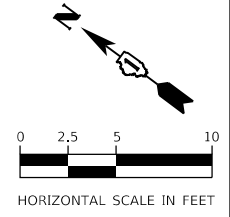


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DRAWN - JBH	REVISED -	
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PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

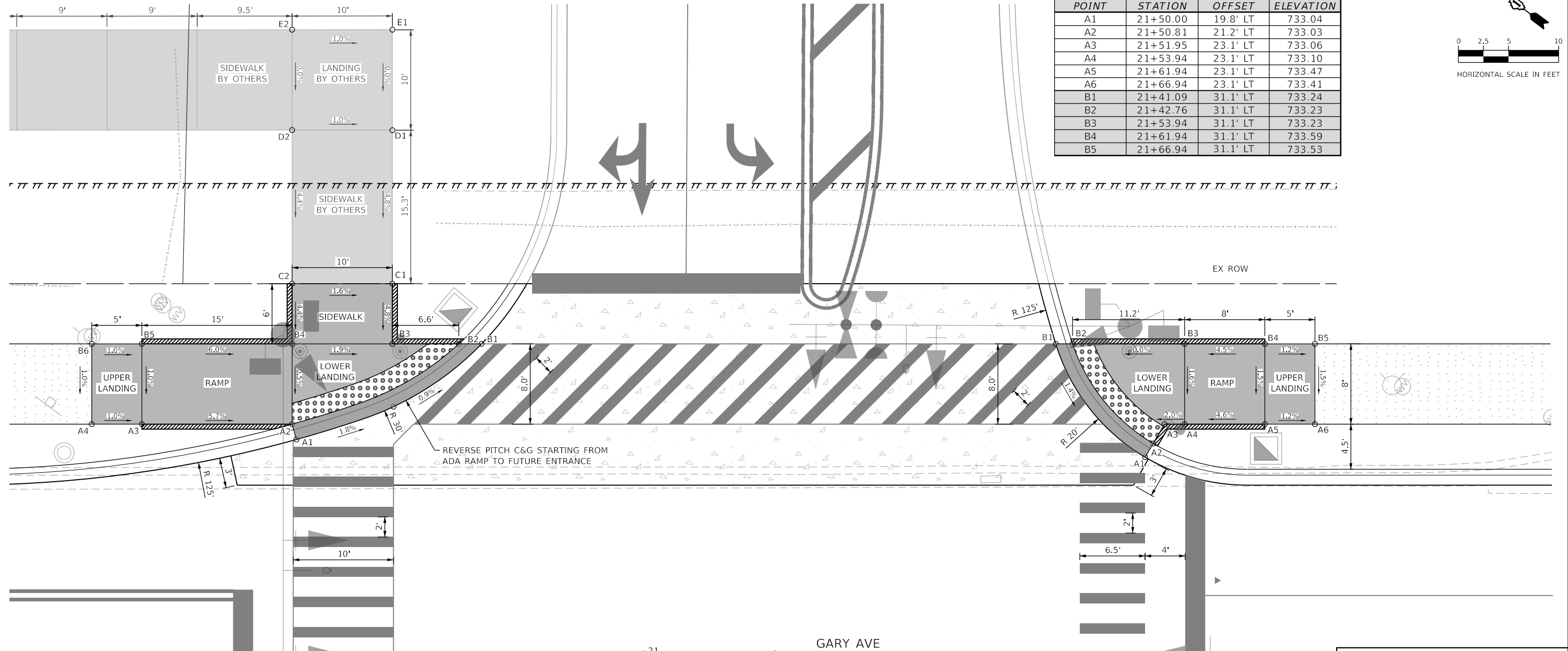
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	131
CONTRACT NO. 61K32				
ILLINOIS		FED. AID PROJECT		

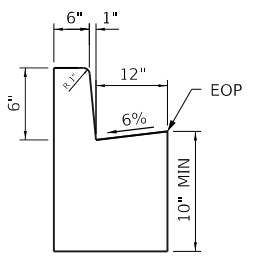


SOUTHEAST GARY AND PRAIRIE			
POINT	STATION	OFFSET	ELEVATION
A1	21+50.00	19.8' LT	733.04
A2	21+50.81	21.2' LT	733.03
A3	21+51.95	23.1' LT	733.06
A4	21+53.94	23.1' LT	733.10
A5	21+61.94	23.1' LT	733.47
A6	21+66.94	23.1' LT	733.41
B1	21+41.09	31.1' LT	733.24
B2	21+42.76	31.1' LT	733.23
B3	21+53.94	31.1' LT	733.23
B4	21+61.94	31.1' LT	733.59
B5	21+66.94	31.1' LT	733.53

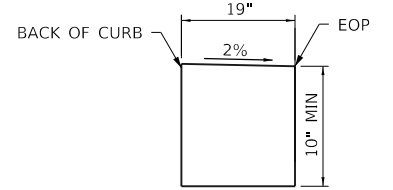


NORTHEAST GARY AND PRAIRIE			
POINT	STATION	OFFSET	ELEVATION
A1	20+65.32	21.6' LT	734.65
A2	20+64.89	23.1' LT	734.68
A3	20+49.89	23.1' LT	735.54
A4	20+44.89	23.1' LT	735.59
B1	20+83.79	31.1' LT	734.37
B2	20+81.52	31.1' LT	734.40
B3	20+74.89	31.1' LT	743.53
B4	20+64.89	31.1' LT	734.72
B5	20+49.89	31.1' LT	735.62
B6	20+44.89	31.1' LT	735.67
C1	20+74.89	37.1' LT	734.82
C2	20+64.89	37.1' LT	734.98
D1	20+64.89	52.4' LT	735.56
D2	20+64.89	52.4' LT	735.66
E1	20+74.89	62.4' LT	735.56
E2	20+64.89	62.4' LT	735.66

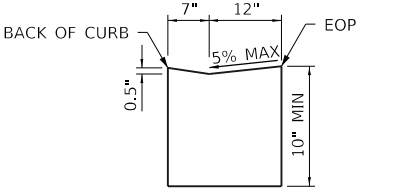
CURB AND GUTTER DETAILS



B-6.12 CURB AND GUTTER



REVERSE PITCH ACCESSIBLE CURB AND GUTTER



ACCESSIBLE CURB AND GUTTER

- NOTES**
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
 - SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.



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USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN

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

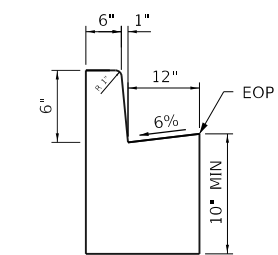
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	132
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

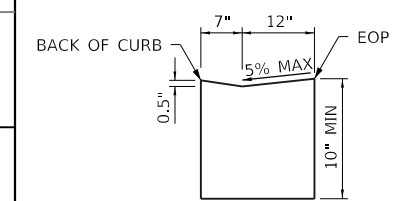
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.



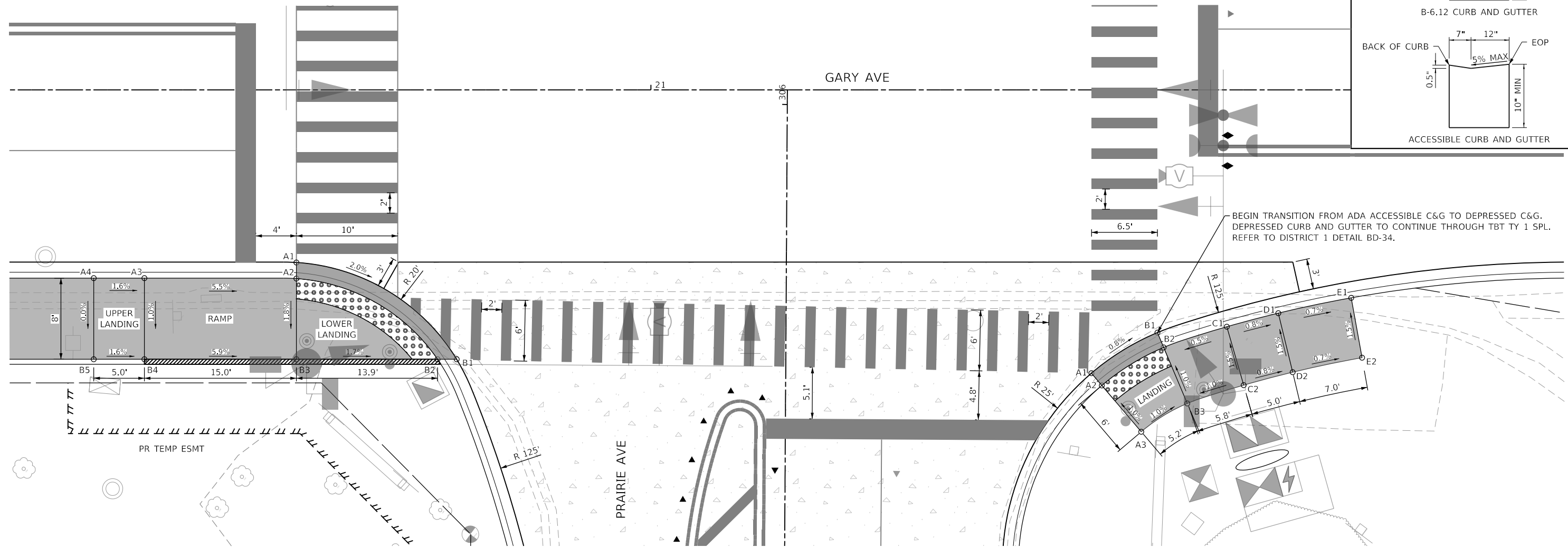
CURB AND GUTTER DETAILS



B-6.12 CURB AND GUTTER



ACCESSIBLE CURB AND GUTTER



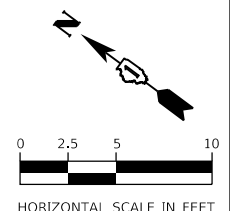
BEGIN TRANSITION FROM ADA ACCESSIBLE C&G TO DEPRESSED C&G. DEPRESSED CURB AND GUTTER TO CONTINUE THROUGH TBT TY 1 SPL. REFER TO DISTRICT 1 DETAIL BD-34.

NORTHWEST GARY AND PRAIRIE

POINT	STATION	OFFSET	ELEVATION
A1	20+65.00	17.0' RT	734.58
A2	20+65.00	18.6' RT	734.57
A3	20+50.00	18.6' RT	735.40
A4	20+45.00	18.6' RT	735.48
B1	20+80.82	26.6' RT	734.20
B2	20+78.94	26.6' RT	734.19
B3	20+65.00	26.6' RT	734.43
B4	20+50.00	26.6' RT	735.32
B5	20+45.00	26.6' RT	735.48

SOUTHWEST GARY AND PRAIRIE

POINT	STATION	OFFSET	ELEVATION
A1	21+43.48	28.0' RT	732.94
A2	21+44.51	29.2' RT	732.93
A3	21+48.40	33.7' RT	732.99
B1	21+50.00	24.0' RT	732.89
B2	21+50.61	25.4' RT	732.88
B3	21+52.94	30.9' RT	732.94
C1	21+56.85	23.4' RT	732.91
C2	21+58.51	29.1' RT	733.00
D1	21+61.93	22.0' RT	732.87
D2	21+63.34	27.9' RT	732.96
E1	21+69.14	20.5' RT	732.82
E2	21+70.19	26.4' RT	732.91



MODEL: Default
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USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
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PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PLAN

SCALE: 1"=5'	SHEET	OF	SHEETS	STA.	TO	STA.
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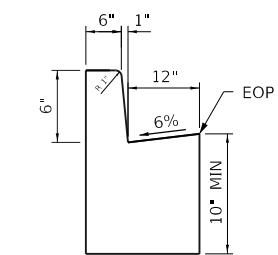
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	133
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

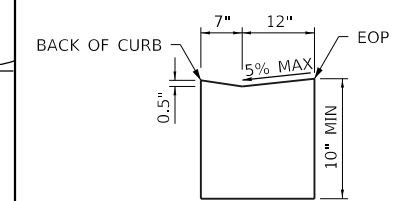
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.



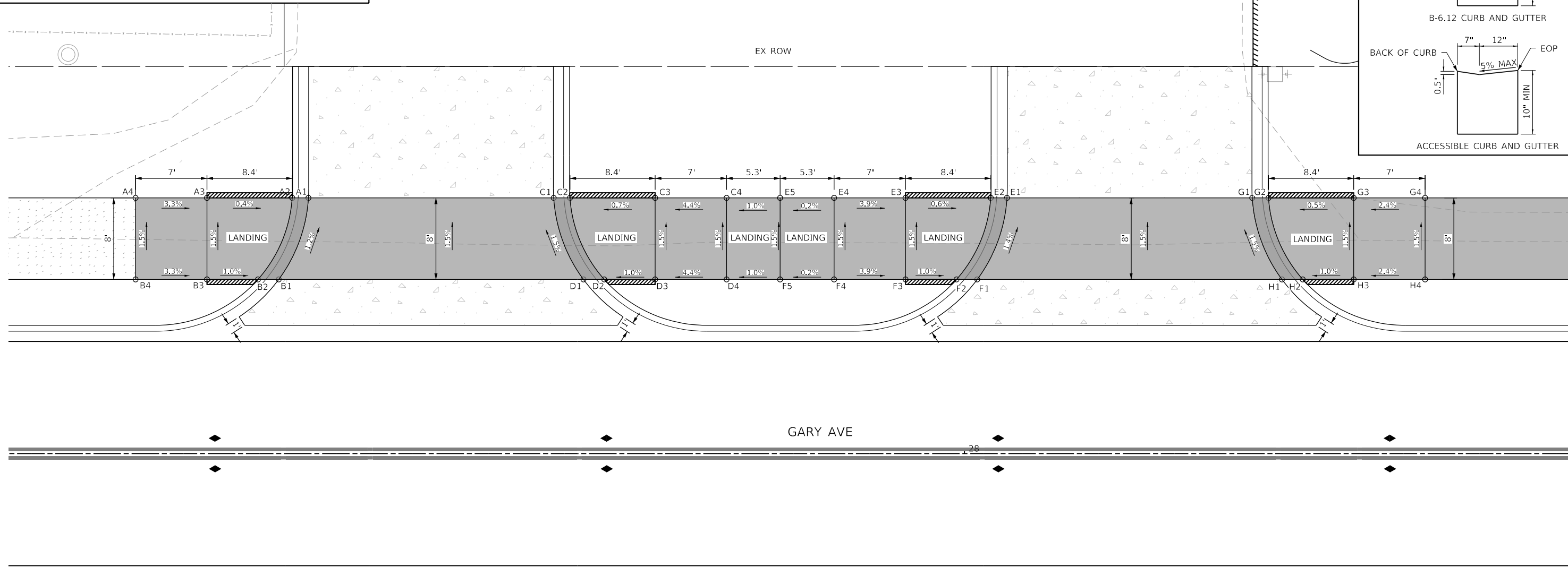
CURB AND GUTTER DETAILS



B-6.12 CURB AND GUTTER

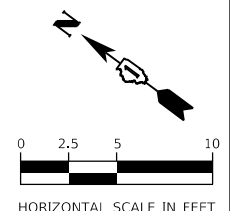


ACCESSIBLE CURB AND GUTTER



ROSIE O' REILLY'S ENTRANCE			
POINT	STATION	OFFSET	ELEVATION
A1	27+35.67	25.1' LT	731.40
A2	27+34.09	25.1' LT	731.39
A3	27+25.73	25.1' LT	731.42
A4	27+18.73	25.1' LT	731.65
B1	27+32.76	17.1' LT	731.50
B2	27+30.73	17.1' LT	731.49
B3	27+25.73	17.1' LT	731.54
B4	27+18.73	17.1' LT	731.77
C1	27+59.73	25.1' LT	731.47
C2	27+61.32	25.1' LT	731.46
C3	27+69.68	25.1' LT	731.52
C4	27+76.68	25.1' LT	731.83
D1	27+62.64	17.1' LT	731.60
D2	27+64.68	17.1' LT	731.59
D3	27+69.68	17.1' LT	731.64
D4	27+76.68	17.1' LT	732.95

ROSIE O' REILLY'S ENTRANCE			
POINT	STATION	OFFSET	ELEVATION
E1	28+04.17	25.1' LT	731.58
E2	28+02.58	25.1' LT	731.57
E3	27+94.22	25.1' LT	732.62
E4	27+87.22	25.1' LT	731.89
E5	27+81.93	25.1' LT	731.88
F1	28+01.26	17.1' LT	731.70
F2	27+99.22	17.1' LT	731.69
F3	27+94.22	17.1' LT	731.74
F4	27+87.22	17.1' LT	732.01
F5	27+81.93	17.1' LT	732.00
G1	28+28.22	25.1' LT	731.62
G2	28+29.81	25.1' LT	731.61
G3	28+38.17	25.1' LT	731.65
G4	28+45.17	25.1' LT	731.82
H1	28+31.13	17.1' LT	731.73
H2	28+33.17	17.1' LT	731.72
H3	28+38.17	17.1' LT	731.77
H4	28+45.17	17.1' LT	731.94



MODEL: Default
FILE NAME: I:\06\03\03-016 Winaton Gary Avenue Phase II\05_CADD\01_MODEL\03_SIT\plan-a08.dwg



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

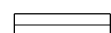
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

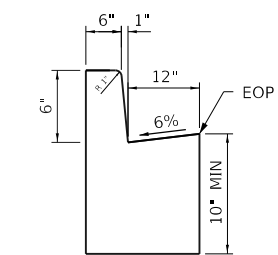
F.A.U. RTE. 2561	SECTION 20-00123-00-PV	COUNTY DUPAGE	TOTAL SHEETS 257	SHEET NO. 134
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

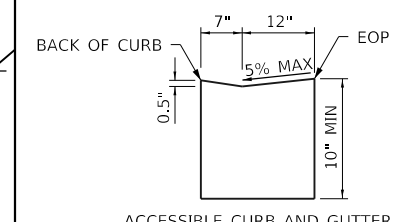
- NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.

	ACCESSIBLE C&G		DETECTABLE WARNING
	COMB CONC C&G, TY B-6.12		PR PCC SIDE CURB

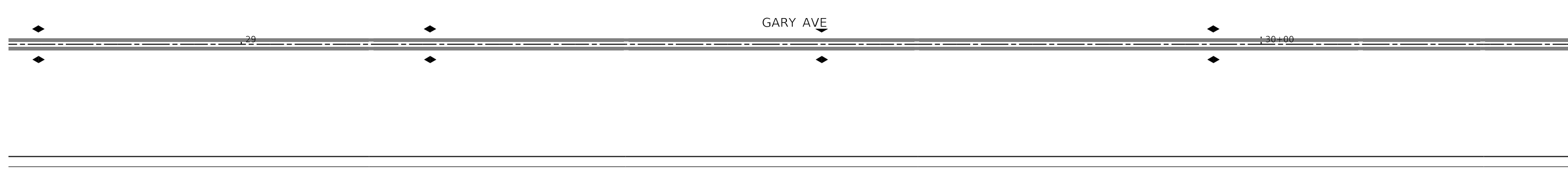
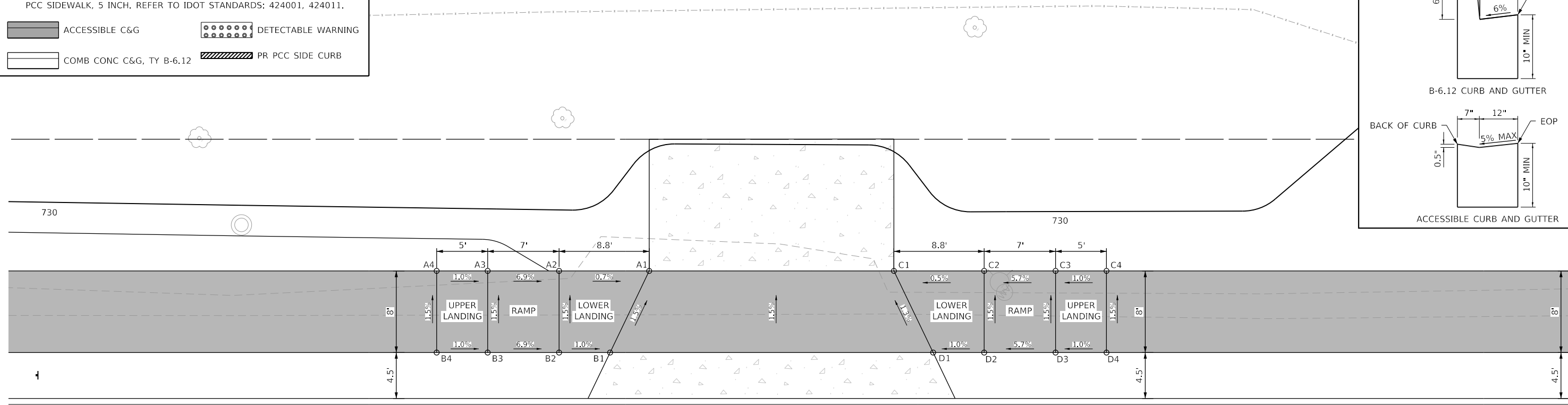
CURB AND GUTTER DETAILS



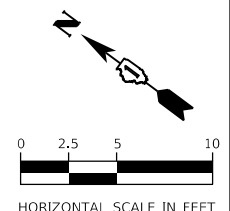
B-6.12 CURB AND GUTTER



ACCESSIBLE CURB AND GUTTER



PARK DISTRICT FIELD ENTRANCE			
POINT	STATION	OFFSET	ELEVATION
A1	29+40.00	25.1' LT	730.88
A2	29+31.16	25.1' LT	730.94
A3	29+24.16	25.1' LT	731.42
A4	29+19.16	25.1' LT	731.47
B1	29+36.16	17.1' LT	731.01
B2	29+31.16	17.1' LT	731.06
B3	29+24.16	17.1' LT	731.54
B4	29+19.16	17.1' LT	731.59
C1	29+64.00	25.1' LT	730.85
C2	29+72.84	25.1' LT	730.90
C3	29+79.84	25.1' LT	731.30
C4	29+84.84	25.1' LT	731.35
D1	29+67.84	17.1' LT	730.97
D2	29+72.84	17.1' LT	731.02
D3	29+79.84	17.1' LT	731.42
D4	29+84.84	17.1' LT	731.47



MODEL: Default
FILE NAME: I:\06\603032-016 Whitson Gary Avenue Phase II\05_CADD\01_MDD\03_SHT\sh-a05-09.dwg



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

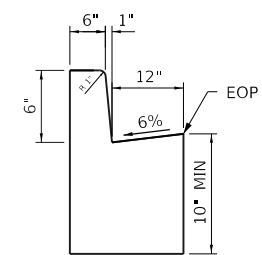
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV		257	135
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

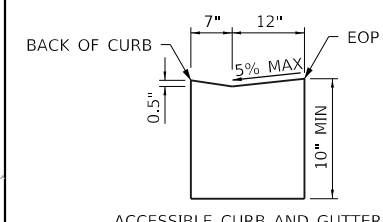
1. NO CROSS SLOPES ARE TO EXCEED 2.0%. NO RUNNING SLOPES ARE TO EXCEED 5% FOR TYPICAL SIDEWALK OR 8.2% FOR CURB RAMPS.
2. SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.

	ACCESSIBLE C&G		DETECTABLE WARNING
	COMB CONC C&G, TY B-6.12		PR PCC SIDE CURB

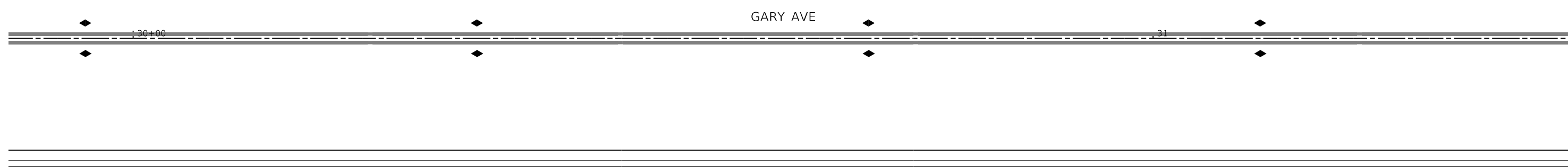
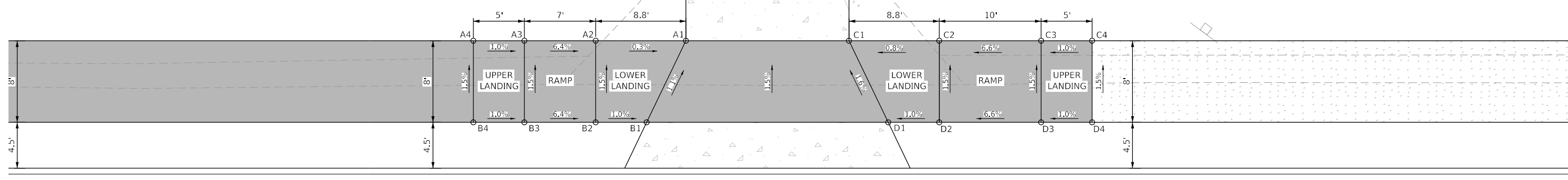
CURB AND GUTTER DETAILS



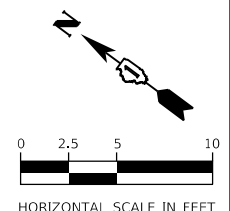
B-6.12 CURB AND GUTTER



ACCESSIBLE CURB AND GUTTER



PARK DISTRICT FIELD ENTRANCE			
POINT	STATION	OFFSET	ELEVATION
A1	30+54.20	25.1' LT	730.95
A2	30+45.36	25.1' LT	730.98
A3	30+38.36	25.1' LT	731.43
A4	30+33.36	25.1' LT	731.48
B1	30+50.36	17.1' LT	731.05
B2	30+45.36	17.1' LT	731.10
B3	30+38.36	17.1' LT	731.55
B4	30+33.36	17.1' LT	731.60
C1	30+70.20	25.1' LT	731.00
C2	30+79.04	25.1' LT	731.07
C3	30+89.04	25.1' LT	731.73
C4	30+94.04	25.1' LT	731.78
D1	30+74.04	17.1' LT	731.14
D2	30+79.04	17.1' LT	731.19
D3	30+89.04	17.1' LT	731.85
D4	30+94.04	17.1' LT	731.90



MODEL: Default
 FILE NAME: T:\06\06\03\03-016_Whitson Gary Avenue Phase II\05_CADD\01_MDD\03_SHT\sh-ada-10.dgn



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

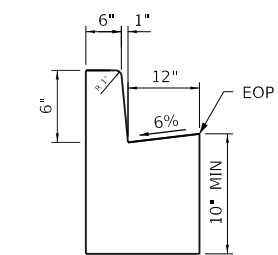
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	136
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

NOTES

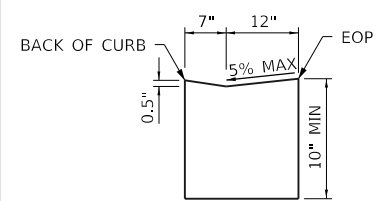
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- SIDE CURBS ARE TO BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR AS PCC SIDEWALK, 5 INCH. REFER TO IDOT STANDARDS: 424001, 424011.

	ACCESSIBLE C&G		DETECTABLE WARNING
	COMB CONC C&G, TY B-6.12		PR PCC SIDE CURB

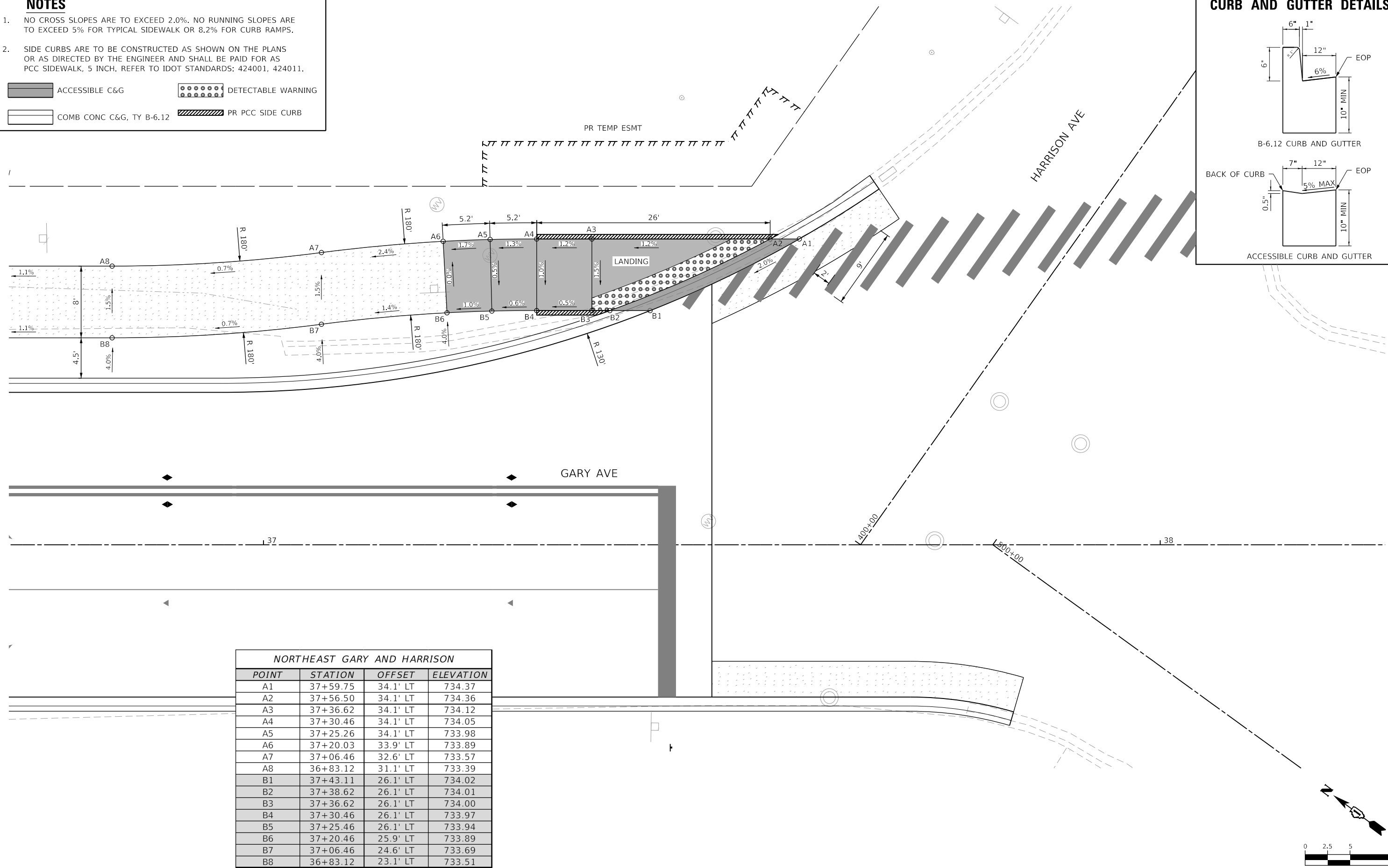
CURB AND GUTTER DETAILS



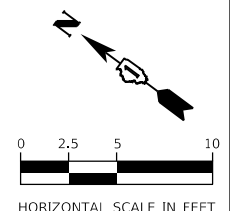
B-6.12 CURB AND GUTTER



ACCESSIBLE CURB AND GUTTER



NORTHEAST GARY AND HARRISON			
POINT	STATION	OFFSET	ELEVATION
A1	37+59.75	34.1' LT	734.37
A2	37+56.50	34.1' LT	734.36
A3	37+36.62	34.1' LT	734.12
A4	37+30.46	34.1' LT	734.05
A5	37+25.26	34.1' LT	733.98
A6	37+20.03	33.9' LT	733.89
A7	37+06.46	32.6' LT	733.57
A8	36+83.12	31.1' LT	733.39
B1	37+43.11	26.1' LT	734.02
B2	37+38.62	26.1' LT	734.01
B3	37+36.62	26.1' LT	734.00
B4	37+30.46	26.1' LT	733.97
B5	37+25.46	26.1' LT	733.94
B6	37+20.46	25.9' LT	733.89
B7	37+06.46	24.6' LT	733.69
B8	36+83.12	23.1' LT	733.51



MODEL: Default
 FILE NAME: I:\06\03\03\016 Wheaton Gary Avenue Phase II\05_CADD\01_MDD\03_SHT\18th-ada-1.dgn



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

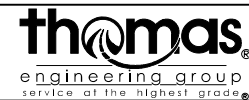
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	137
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION OF EXISTING ROADWAY SIGNS							72400100	72400200	72400310	72400500	72400710
STATION	OFFSET	DESCRIPTION	SUPPLEMENTAL INFO	SIGN WIDTH	SIGN HEIGHT	SIGN AREA	REMOVE SIGN PANEL ASSEMBLY TYPE A	REMOVE SIGN PANEL ASSEMBLY TYPE B	REMOVE SIGN PANEL TYPE 1	RELOCATE SIGN PANEL ASSEMBLY TYPE A	RELOCATE SIGN PANEL - TYPE 1
				IN	IN	SQ FT	EACH	EACH	SQ FT	EACH	SQ FT
11+51.00	51.4' RT	NO TURN ON RED WHEN PEDS ARE PRESENT	ON TELESCOPE POST	24	30	5.0				1	
13+04.00	25.9' RT	NO PARKING ALONG HIGHWAY	ON TELESCOPE POST	12	18	1.5	1				
13+20.00	25.0' LT	LEFT ONLY & THRU	ON TELESCOPE POST	30	30	6.3	1				
		NO PARKING ALONG HIGHWAY		12	18	1.5					
13+56.00	49.7' LT	STOP	ON TELESCOPE POST	30	30	6.3	1				
13+56.00	49.7' LT	GARY AVE	ON TELESCOPE POST	30	8	1.7					1.7
13+56.00	49.7' LT	HAWTHORNE BLVD	ON TELESCOPE POST	36	8	2.0					2.0
14+26.00	26.1' LT	DO NOT BLOCK INTERSECTION	ON TELESCOPE POST	24	30	5.0	1				
14+35.00	22.6' RT	SPEED LIMIT 35	ON TELESCOPE POST	24	30	5.0	1				
		NO PARKING ALONG HIGHWAY		12	18	1.5					
15+64.00	18.0' RT	NO PARKING ALONG HIGHWAY	ON TELESCOPE POST	12	18	1.5	1				
15+71.00	24.0' RT	PRAIRIE PLANTS	ON TELESCOPE POST	12	18	1.5				1	
15+98.00	23.2' LT	SCHOOL CROSSING	ON TELESCOPE POST	36	36	6.8	1				
		"AHEAD"		24	12	2.0					
16+94.00	21.3' RT	NO BUSES IN PARKING LOT	ON TELESCOPE POST	24	30	5.0				1	
		NO PARKING ALONG HIGHWAY		12	18	1.5					
18+00.00	13.4' RT	NO PARKING ALONG HIGHWAY	ON TELESCOPE POST	12	18	1.5	1				
20+41.00	25.3' LT	ADVANCED SIGNAL AHEAD	ON TELESCOPE POST	30	30	6.3	1				
		JEWELL RD		30	8	1.7					
20+53.00	22.3' RT	NO PARKING ALONG HIGHWAY	ON TELESCOPE POST	12	18	1.5	1				
21+42.00	35.6' RT	STOP	ON TELESCOPE POST	30	30	6.3	1				
21+42.00	35.6' RT	GARY AVE	ON TELESCOPE POST	30	8	1.7					1.7
21+42.00	35.6' RT	PRAIRIE AVE	ON TELESCOPE POST	36	8	2.0					2.0
22+08.00	27.4' RT	WILDLIFE CROSSING	ON UTILITY POLE	30	30	6.3					6.3
22+08.00	27.4' RT	"NEXT 1500 FT" PLAQUE	ON UTILITY POLE	30	24	5.0					5.0
22+86.00	45.9' LT	NO PARKING ALONG HIGHWAY	ON TELESCOPE POST	12	18	1.5	1				
23+00.00	28.3' RT	NO PARKING ALONG HIGHWAY	ON UTILITY POLE	12	18	1.5			1.5		
23+66.00	48.5' LT	PROTECTED AREA	ON WOOD POST	24	18	3.0				1	
		PROTECTED AREA		24	18	3.0					
24+54.00	49.2' LT	PROTECTED AREA	ON WOOD POST	24	18	3.0				1	
		PROTECTED AREA		24	18	3.0					
24+66.00	28.3' LT	SPEED LIMIT 35	ON TELESCOPE POST	24	30	5.0	1				
		NO PARKING ALONG HIGHWAY		12	18	1.5					
25+44.00	29.6' RT	PROTECTED AREA	ON WOOD POST	24	18	3.0				1	
		PROTECTED AREA		24	18	3.0					
27+21.00	20.2' RT	SPEED LIMIT 35	ON TELESCOPE POST	24	30	5.0	1				
		NO PARKING ALONG HIGHWAY		12	18	1.5					
28+30.00	37.2' LT	NO PARKING ALONG HIGHWAY	ON UTILITY POLE	12	18	1.5			1.5		
28+30.00	37.2' LT	NO PARKING ALONG HIGHWAY	ON UTILITY POLE	12	18	1.5			1.5		
31+04.00	34.3' LT	PROTECTED AREA	ON WOOD POST	24	18	3.0				1	
		PROTECTED AREA		24	18	3.0					
31+05.00	26.2' RT	NO PARKING ALONG HIGHWAY	ON TELESCOPE POST	12	18	1.5	1				
31+42.00	21.5' RT	DO NOT DRIVE ON SHOULDER	ON TELESCOPE POST	24	30	5.0	1				
32+61.00	20.7' RT	STOP AHEAD	ON TELESCOPE POST	30	30	6.3	1				
33+39.00	36.2' LT	PROTECTED AREA	ON WOOD POST	24	18	3.0				1	
		PROTECTED AREA		24	18	3.0					
34+88.00	36.8' RT	PROTECTED AREA	ON WOOD POST	24	18	3.0				1	
		PROTECTED AREA		24	18	3.0					
35+04.00	21.2' RT	LEFT ONLY & RIGHT ONLY	ON TELESCOPE POST	30	30	6.3	1				
		NO PARKING ALONG HIGHWAY		12	18	1.5					
35+27.00	27.4' LT	ADOPT A HIGHWAY	ON TELESCOPE POST	24	24	4.0				1	
		"WHEATON NORTH EARTH CLUB" PLAQUE		24	8	1.3					
36+35.00	28.9' RT	SPEED LIMIT 35	ON TELESCOPE POST	24	30	5.0	1				
		NO PARKING ALONG HIGHWAY		12	18	1.5					
36+75.00	34.2' LT	WILDLIFE CROSSING	ON TELESCOPE POST	30	30	6.3		1			
		"NEXT 1500 FT" PLAQUE		30	24	5.0					
37+44.00	20.3' RT	STOP	ON TELESCOPE POST	30	30	6.3	1				
37+44.00	20.3' RT	GARY AVE	ON TELESCOPE POST	30	8	1.7					1.7
304+96.00	18.5' RT	NO PARKING	ON TELESCOPE POST	12	18	1.5	1				
PROJECT TOTAL							21	1	4.5	10	20.3

MODEL: D:\p\1\1\20250323-016 Wheaton Gary Avenue Phase II\05_CADD\01_MOD\03_SHT\18t-pmk-dgn_sched.tbc.dgn



USER NAME = KyleVZ
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 2/20/2024

DESIGNED - KVZ
 DRAWN - JBH
 CHECKED - JMY
 DATE - 02/14/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
 SIGN SCHEDULES**

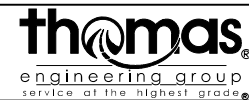
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	138
CONTRACT NO. 61K32				
ILLINOIS		FED. AID PROJECT		

PROPOSED ROADWAY SIGNAGE

STATION	OFFSET	SIGN CODE	DESCRIPTION	SUPPLEMENTAL INFO	MOUNTING SURFACE	SIGN WIDTH	SIGN HEIGHT	TOTAL AREA	72000100	72800100
						IN	IN	SQ FT	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
									SQ FT	FEET
13+00.00	23.7' LT	S1-1	SCHOOL	ON TELESCOPING SUPPORT	GROUND	36	36	9.0	9.0	16.0
		W16-9P	AHEAD			24	12	2.0	2.0	
13+55.00	48.6' LT	R1-1	STOP	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	14.5
14+33.00	22.7' LT	R10-7	DO NOT BLOCK INTERSECTION	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
14+50.00	21.7' RT	R2-1	SPEED LIMIT	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
15+90.00	20.8' LT	R3-8	ADVANCE INTERSECTION LANE CONTROL	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	14.5
17+50.00	20.7' LT	W3-3	SIGNAL AHEAD	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	16.2
		W16-8P	ADVANCE STREET NAME			30	8	1.7	1.7	
18+13.00	27.7' RT	R3-8	ADVANCE INTERSECTION LANE CONTROL	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	14.5
20+00.00	20.8' LT	R2-1	SPEED LIMIT	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
22+00.00	22.0' RT	W8-18	ROAD MAY FLOOD	ON TELESCOPING SUPPORT	GROUND	36	36	9.0	9.0	16.3
23+00.00	21.6' RT	R2-1	SPEED LIMIT	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
23+90.00	21.1' LT	R3-8	ADVANCE INTERSECTION LANE CONTROL	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	14.5
28+80.00	14.8' LT	R2-1	SPEED LIMIT	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
28+80.00	15.2' RT	R2-1	SPEED LIMIT	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
33+00.00	15.8' RT	W3-1	STOP AHEAD	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	15.5
34+70.00	15.8' RT	R3-8	ADVANCE INTERSECTION LANE CONTROL	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	14.5
35+50.00	18.0' LT	W8-18	ROAD MAY FLOOD	ON TELESCOPING SUPPORT	GROUND	36	36	9.0	9.0	16.3
36+50.00	20.7' LT	R2-1	SPEED LIMIT	ON TELESCOPING SUPPORT	GROUND	24	30	5.0	5.0	14.5
37+45.00	22.6' RT	R1-1	STOP	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	15.0
		R1-3P	ALL WAY			18	6	0.8	0.8	
302+00.00	21.1' RT	W3-3	SIGNAL AHEAD	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	16.2
		W16-8P	ADVANCE STREET NAME			30	8	1.7	1.7	
304+58.00	27.9' RT	R3-8	ADVANCE INTERSECTION LANE CONTROL	ON TELESCOPING SUPPORT	GROUND	30	30	6.3	6.3	14.5
PROJECT TOTAL									130.6	299.8

MODEL: D:\p1\11\1105050302-016 Wheaton Gary Avenue Phase II\05_CADD\01_MOD\03_SIGN\Light-sign.dgn, sheet1.dwg



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
DRAWN - JBH	REVISIONS -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
SIGN SCHEDULES**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	139
CONTRACT NO. 61K32				
		ILLINOIS	FED. AID PROJECT	

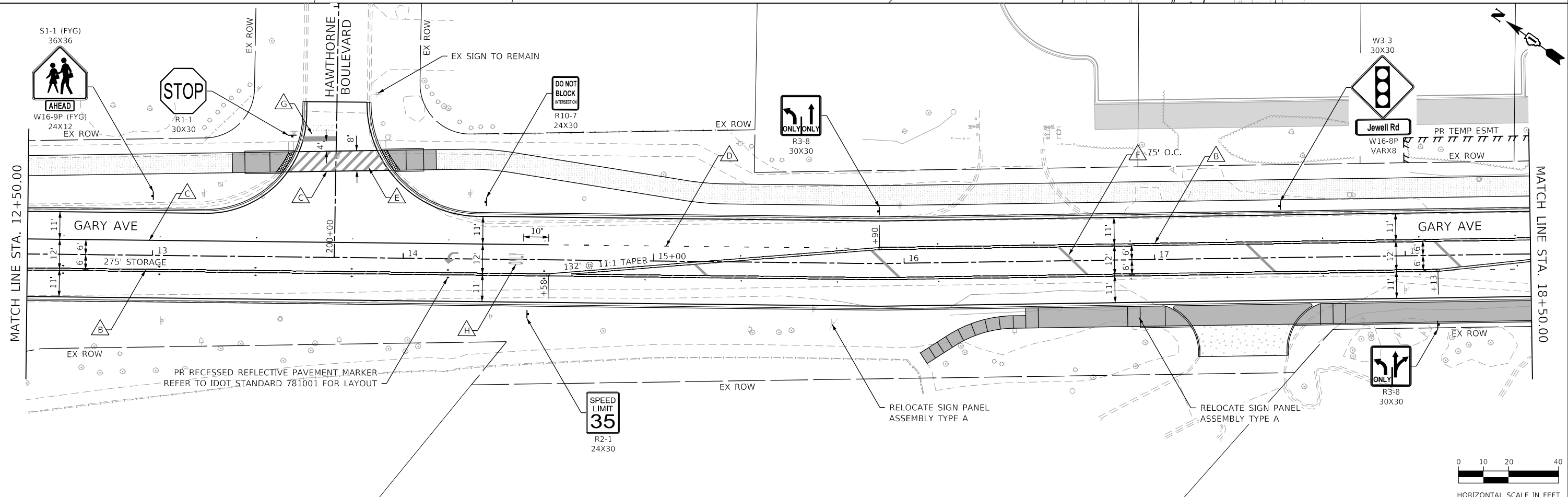
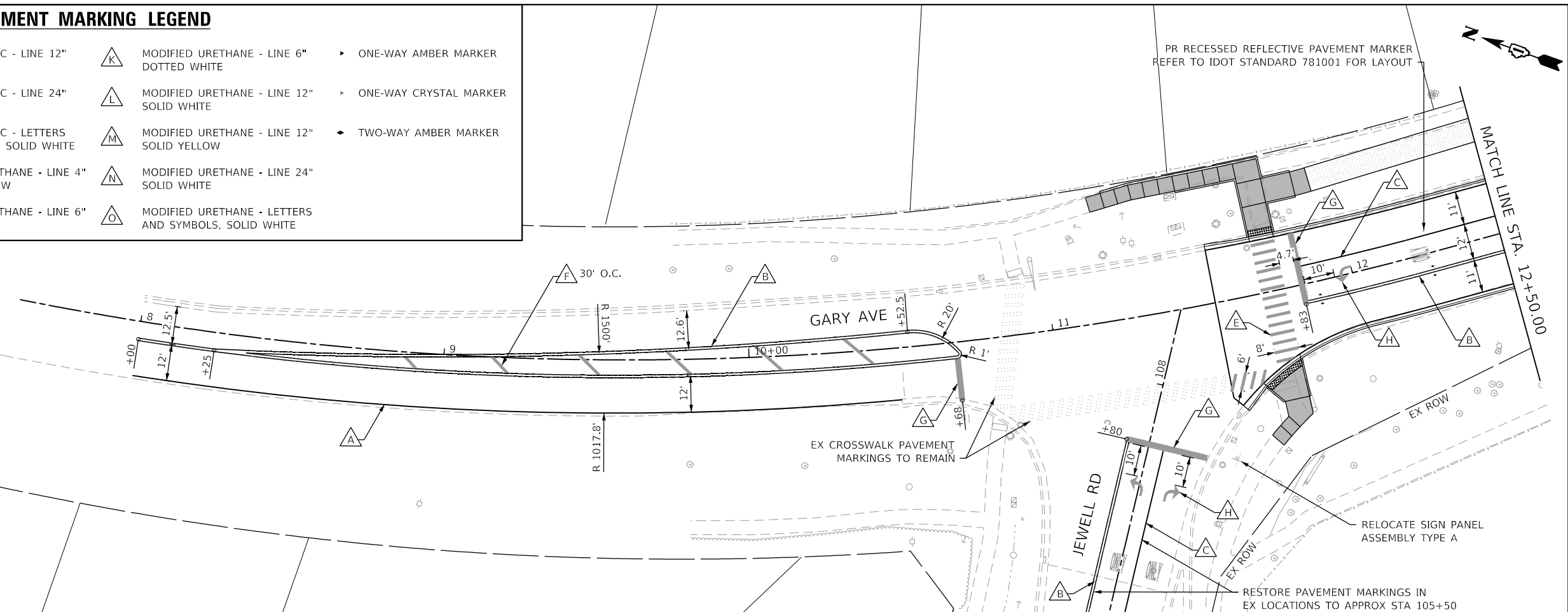
PAVEMENT MARKING LEGEND

	THERMOPLASTIC - LINE 4\"/> SOLID WHITE		THERMOPLASTIC - LINE 12\"/> SOLID YELLOW		MODIFIED URETHANE - LINE 6\" DOTTED WHITE		▶ ONE-WAY AMBER MARKER
	THERMOPLASTIC - LINE 4\" DOUBLE YELLOW		THERMOPLASTIC - LINE 24\" SOLID WHITE		MODIFIED URETHANE - LINE 12\" SOLID WHITE		▶ ONE-WAY CRYSTAL MARKER
	THERMOPLASTIC - LINE 6\" SOLID WHITE		THERMOPLASTIC - LETTERS AND SYMBOLS, SOLID WHITE		MODIFIED URETHANE - LINE 12\" SOLID YELLOW		◆ TWO-WAY AMBER MARKER
	THERMOPLASTIC - LINE 6\" DOTTED WHITE		MODIFIED URETHANE - LINE 4\" DOUBLE YELLOW		MODIFIED URETHANE - LINE 24\" SOLID WHITE		
	THERMOPLASTIC - LINE 12\" SOLID WHITE		MODIFIED URETHANE - LINE 6\" SOLID WHITE		MODIFIED URETHANE - LETTERS AND SYMBOLS, SOLID WHITE		

PR RECESSED REFLECTIVE PAVEMENT MARKER
REFER TO IDOT STANDARD 781001 FOR LAYOUT

NOTES

- GROOVING FOR RECESSED PAVEMENT MARKING 5" SHALL BE UTILIZED FOR LEGEND ITEMS A, B, AND I.
- GROOVING FOR RECESSED PAVEMENT MARKING 7" SHALL BE UTILIZED FOR LEGEND ITEMS C, D, J, AND K.
- FOR MORE INFORMATION ON SIGNAGE, REFER TO THE SIGN SCHEDULES.
- FINAL LOCATION OF RELOCATED SIGNS SHALL BE DETERMINED BY THE ENGINEER.
- EXISTING ROADWAY NAME PLAQUES SHALL BE RELOCATED TO NEW PROPOSED ITEMS AND SHALL BE PAID FOR AS RELOCATE SIGN PANEL - TYPE 1.
- PAVEMENT MARKINGS SHALL NOT BE GROOVED OR RECESSED ON JEWELL ROAD OR ON GARY AVENUE NORTH OF JEWELL ROAD PER DUPAGE DOT DIRECTION.



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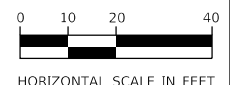
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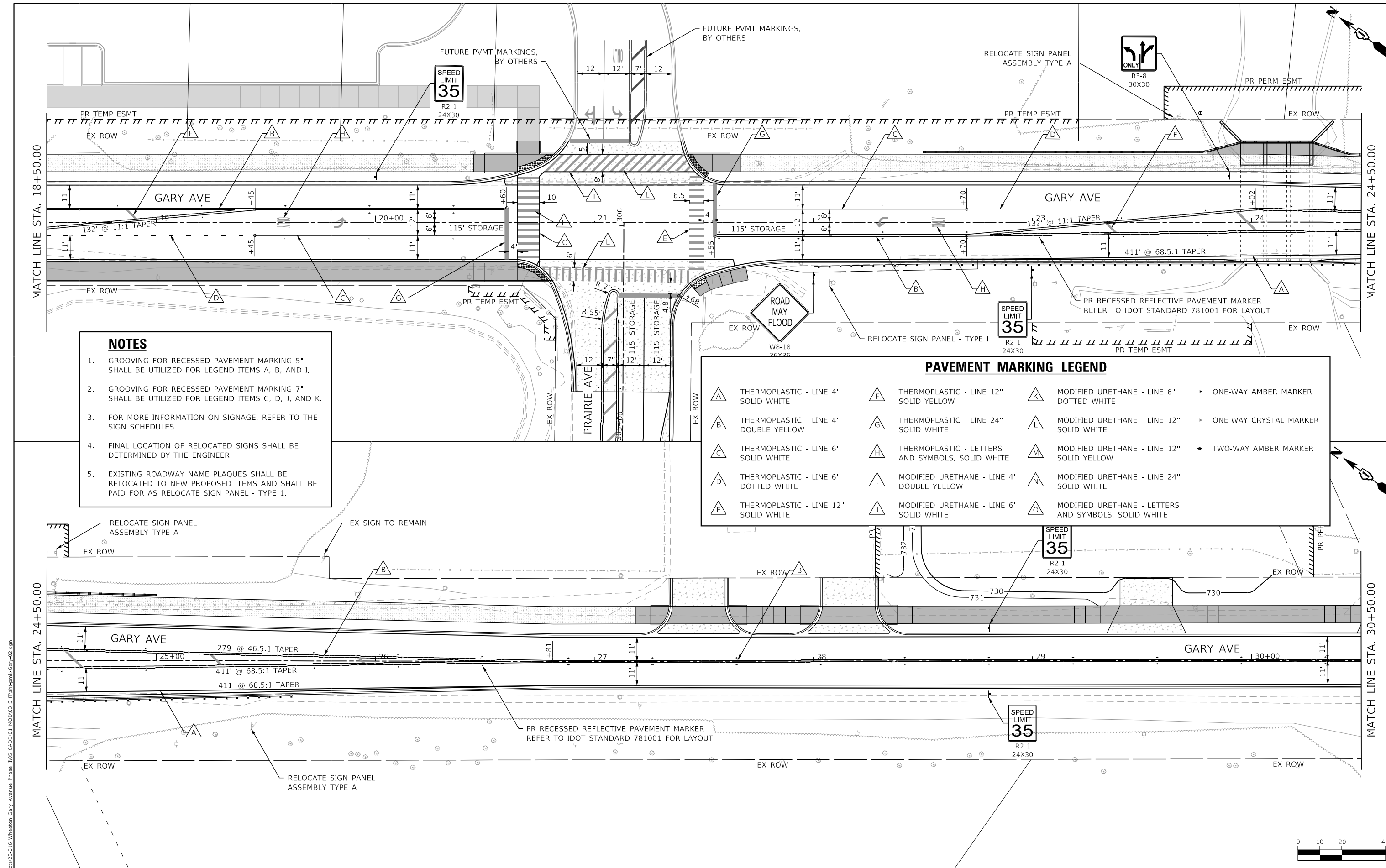
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
GARY AVENUE**

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

F.A.U. RTE. 2561	SECTION 20-00123-00-PV	COUNTY DUPAGE	TOTAL SHEETS 257	SHEET NO. 140
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				





- NOTES**
- GROOVING FOR RECESSED PAVEMENT MARKING 5" SHALL BE UTILIZED FOR LEGEND ITEMS A, B, AND I.
 - GROOVING FOR RECESSED PAVEMENT MARKING 7" SHALL BE UTILIZED FOR LEGEND ITEMS C, D, J, AND K.
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 - EXISTING ROADWAY NAME PLAQUES SHALL BE RELOCATED TO NEW PROPOSED ITEMS AND SHALL BE PAID FOR AS RELOCATE SIGN PANEL - TYPE 1.

PAVEMENT MARKING LEGEND

A	THERMOPLASTIC - LINE 4" SOLID WHITE	F	THERMOPLASTIC - LINE 12" SOLID YELLOW	K	MODIFIED URETHANE - LINE 6" DOTTED WHITE	▶	ONE-WAY AMBER MARKER
B	THERMOPLASTIC - LINE 4" DOUBLE YELLOW	G	THERMOPLASTIC - LINE 24" SOLID WHITE	L	MODIFIED URETHANE - LINE 12" SOLID WHITE	▶	ONE-WAY CRYSTAL MARKER
C	THERMOPLASTIC - LINE 6" SOLID WHITE	H	THERMOPLASTIC - LETTERS AND SYMBOLS, SOLID WHITE	M	MODIFIED URETHANE - LINE 12" SOLID YELLOW	◀▶	TWO-WAY AMBER MARKER
D	THERMOPLASTIC - LINE 6" DOTTED WHITE	I	MODIFIED URETHANE - LINE 4" DOUBLE YELLOW	N	MODIFIED URETHANE - LINE 24" SOLID WHITE		
E	THERMOPLASTIC - LINE 12" SOLID WHITE	J	MODIFIED URETHANE - LINE 6" SOLID WHITE	O	MODIFIED URETHANE - LETTERS AND SYMBOLS, SOLID WHITE		

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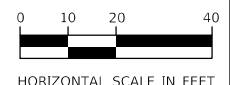
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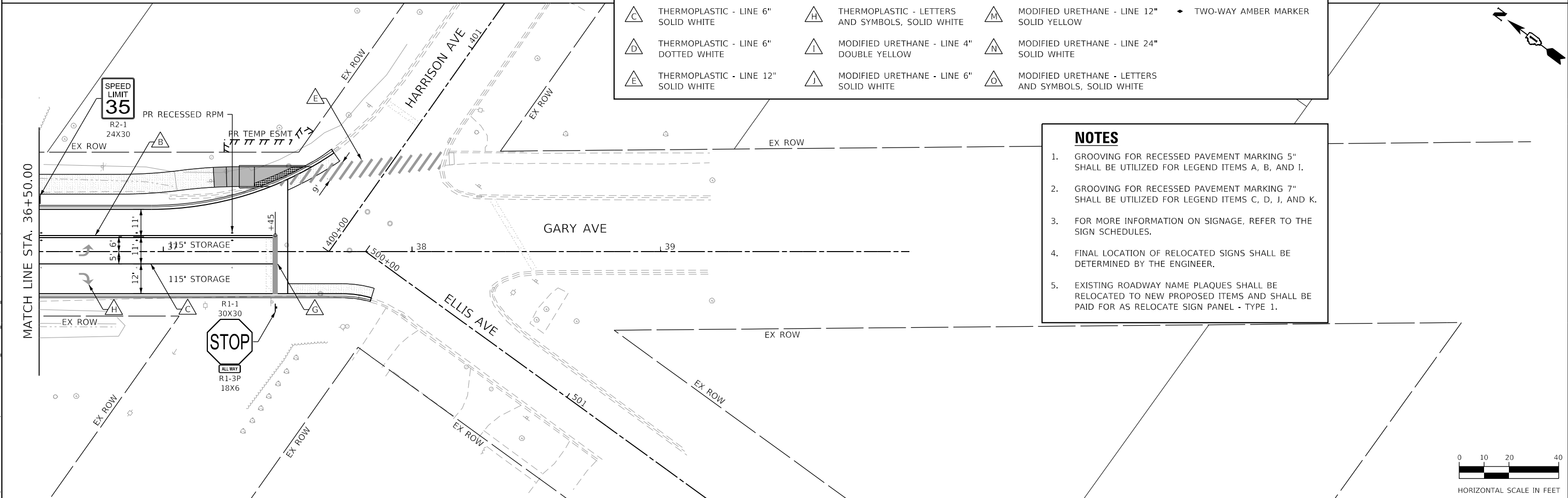
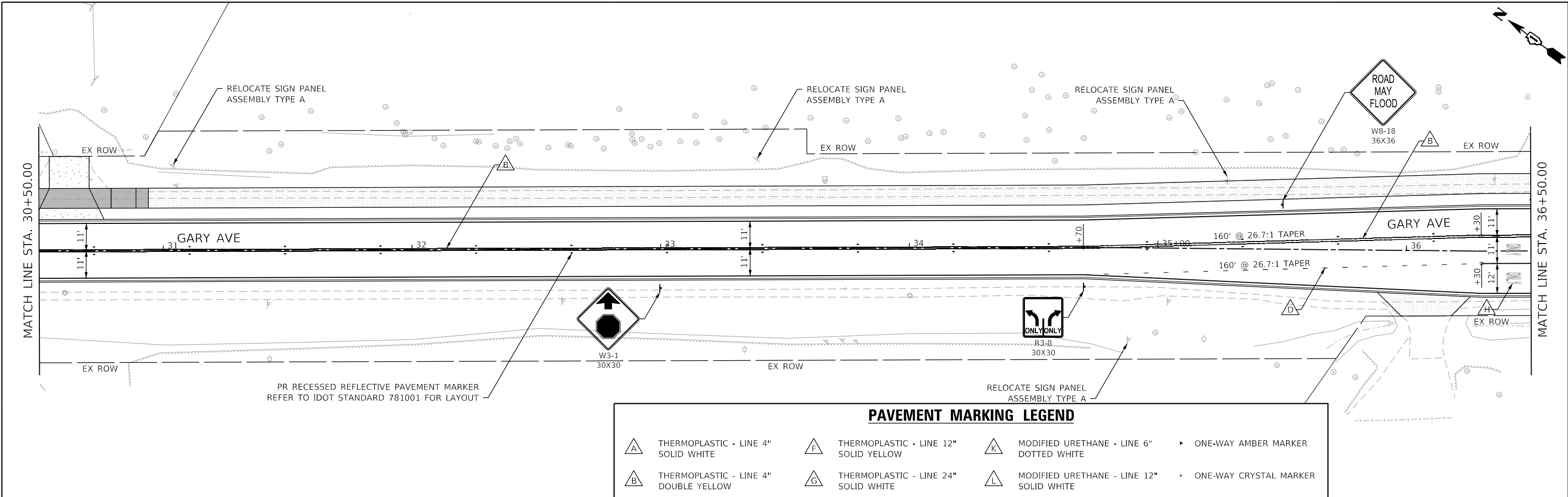
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
GARY AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	141
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				





PAVEMENT MARKING LEGEND

<p>A THERMOPLASTIC - LINE 4" SOLID WHITE</p> <p>B THERMOPLASTIC - LINE 4" DOUBLE YELLOW</p> <p>C THERMOPLASTIC - LINE 6" SOLID WHITE</p> <p>D THERMOPLASTIC - LINE 6" DOTTED WHITE</p> <p>E THERMOPLASTIC - LINE 12" SOLID WHITE</p>	<p>F THERMOPLASTIC - LINE 12" SOLID YELLOW</p> <p>G THERMOPLASTIC - LINE 24" SOLID WHITE</p> <p>H THERMOPLASTIC - LETTERS AND SYMBOLS, SOLID WHITE</p> <p>I MODIFIED URETHANE - LINE 4" DOUBLE YELLOW</p> <p>J MODIFIED URETHANE - LINE 6" SOLID WHITE</p>	<p>K MODIFIED URETHANE - LINE 6" DOTTED WHITE</p> <p>L MODIFIED URETHANE - LINE 12" SOLID WHITE</p> <p>M MODIFIED URETHANE - LINE 12" SOLID YELLOW</p> <p>N MODIFIED URETHANE - LINE 24" SOLID WHITE</p> <p>O MODIFIED URETHANE - LETTERS AND SYMBOLS, SOLID WHITE</p>	<p>▶ ONE-WAY AMBER MARKER</p> <p>▶ ONE-WAY CRYSTAL MARKER</p> <p>◆ TWO-WAY AMBER MARKER</p>
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- ### NOTES
1. GROOVING FOR RECESSED PAVEMENT MARKING 5" SHALL BE UTILIZED FOR LEGEND ITEMS A, B, AND I.
 2. GROOVING FOR RECESSED PAVEMENT MARKING 7" SHALL BE UTILIZED FOR LEGEND ITEMS C, D, J, AND K.
 3. FOR MORE INFORMATION ON SIGNAGE, REFER TO THE SIGN SCHEDULES.
 4. FINAL LOCATION OF RELOCATED SIGNS SHALL BE DETERMINED BY THE ENGINEER.
 5. EXISTING ROADWAY NAME PLAQUES SHALL BE RELOCATED TO NEW PROPOSED ITEMS AND SHALL BE PAID FOR AS RELOCATE SIGN PANEL - TYPE 1.

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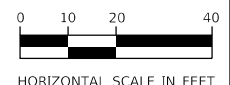
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
GARY AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

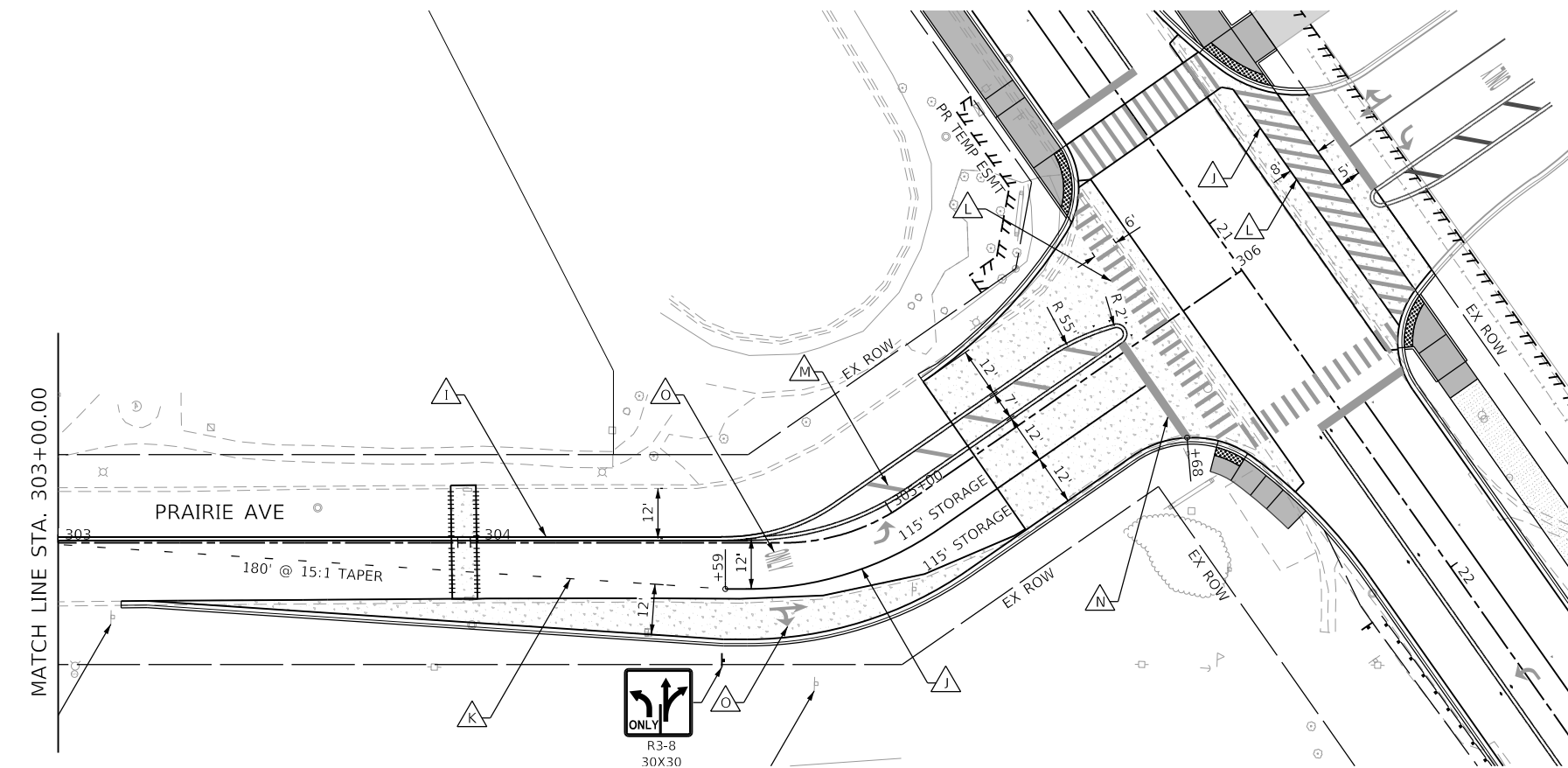
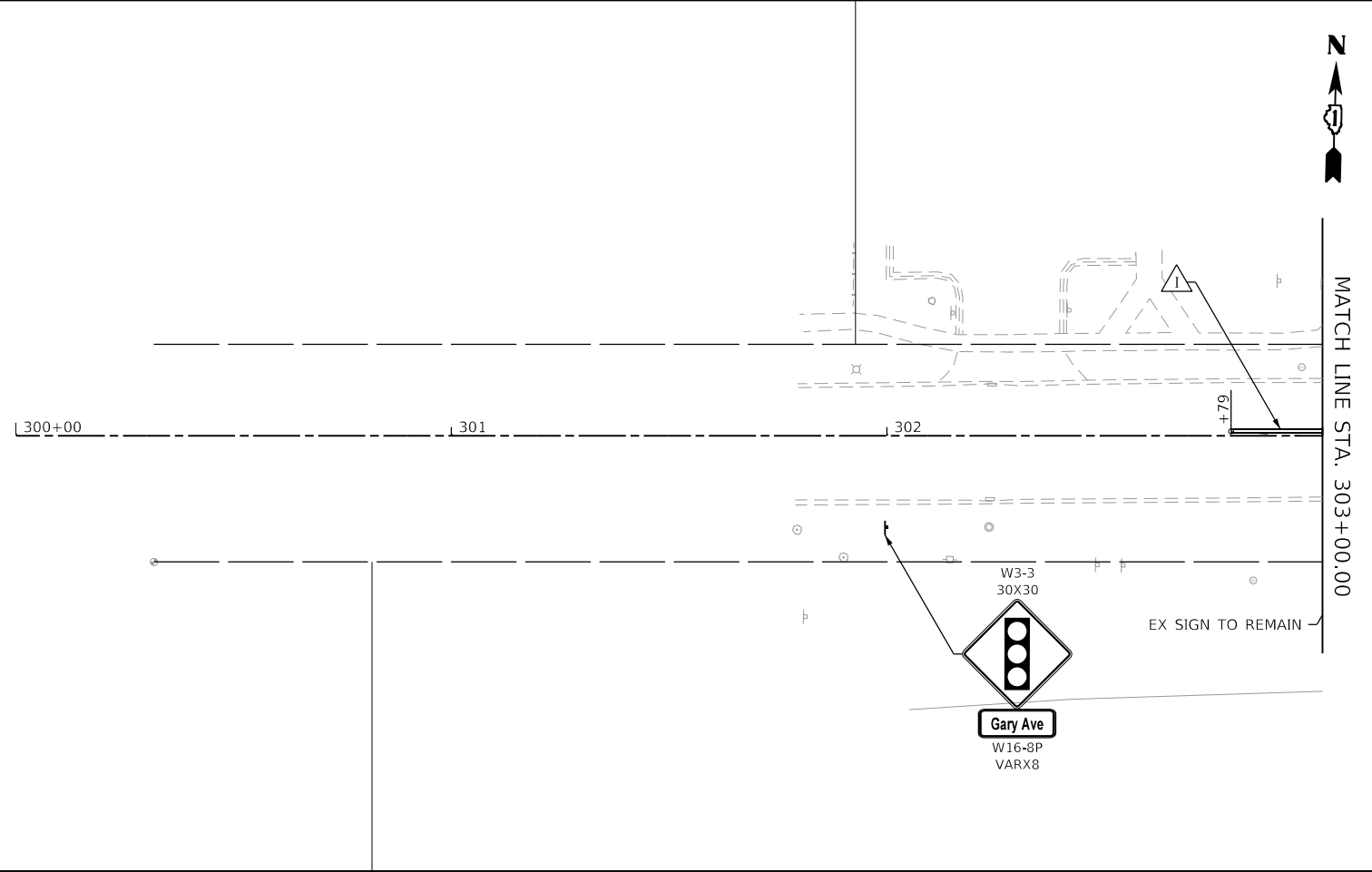


PAVEMENT MARKING LEGEND

A THERMOPLASTIC - LINE 4" SOLID WHITE	F THERMOPLASTIC - LINE 12" SOLID YELLOW	K MODIFIED URETHANE - LINE 6" DOTTED WHITE	▶ ONE-WAY AMBER MARKER
B THERMOPLASTIC - LINE 4" DOUBLE YELLOW	G THERMOPLASTIC - LINE 24" SOLID WHITE	L MODIFIED URETHANE - LINE 12" SOLID WHITE	▶ ONE-WAY CRYSTAL MARKER
C THERMOPLASTIC - LINE 6" SOLID WHITE	H THERMOPLASTIC - LETTERS AND SYMBOLS, SOLID WHITE	M MODIFIED URETHANE - LINE 12" SOLID YELLOW	◄ TWO-WAY AMBER MARKER
D THERMOPLASTIC - LINE 6" DOTTED WHITE	I MODIFIED URETHANE - LINE 4" DOUBLE YELLOW	N MODIFIED URETHANE - LINE 24" SOLID WHITE	
E THERMOPLASTIC - LINE 12" SOLID WHITE	J MODIFIED URETHANE - LINE 6" SOLID WHITE	O MODIFIED URETHANE - LETTERS AND SYMBOLS, SOLID WHITE	

NOTES

- GROOVING FOR RECESSED PAVEMENT MARKING 5" SHALL BE UTILIZED FOR LEGEND ITEMS A, B, AND I.
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- EXISTING ROADWAY NAME PLAQUES SHALL BE RELOCATED TO NEW PROPOSED ITEMS AND SHALL BE PAID FOR AS RELOCATE SIGN PANEL - TYPE 1.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
PRAIRIE AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	143
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

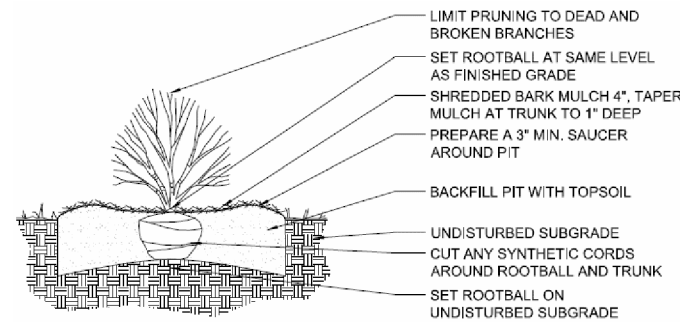


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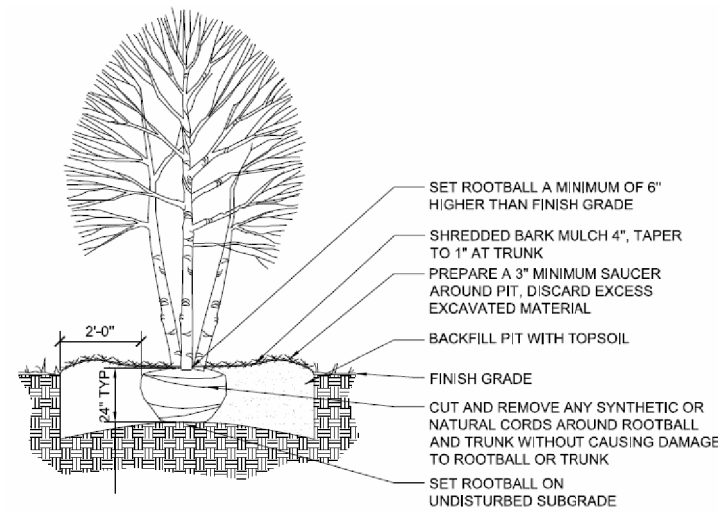
LANDSCAPING GENERAL NOTES

- THE CONTRACTOR SHALL COORDINATE THE PLANTING, LANDSCAPING AND RESTORATION WORK WITH WORK BY THE GRADING CONTRACTOR AND OTHER UTILITY CONTRACTORS. THE RESTORATION AND PLANTING WORK SHALL BE COMPLETED AS DIRECTED BY THE ENGINEER, NOTWITHSTANDING THE PLANTING RESTRICTIONS AS DESCRIBED IN THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.
- ALL PLANT MATERIAL NOT PLANTED ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL WILL RESULT IN REJECTION OF THE PLANT MATERIAL AND THE REPLACEMENT SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL WORK SHALL BE IN ACCORDANCE WITH SECTIONS 253 AND 254 OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS AND THE DETAILS SHOWN ON THE PLANS. THE CONTRACTOR SHALL FURNISH THE INITIAL WATERING AND ALL ADDITIONAL WATERING DURING THE PERIOD OF ESTABLISHMENT.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTH OF ANY UNDERGROUND UTILITIES PRIOR TO EXCAVATION OR CONSTRUCTION.
- THE CONTRACTOR SHALL FOLLOW THE PLANTING PLANS AND MAY ADJUST LOCATIONS TO FIT FIELD CONDITIONS, BUT SHALL NOT INSTALL TREES DIRECTLY ABOVE ANY MAJOR DRAINAGE CULVERTS OR TRUNK LINES.
- THE CONTRACTOR SHALL SCHEDULE PLANT MATERIAL TO KEEP UP WITH THE PLANTING OPERATION. IF PLANTINGS ARE NOT PLANTED IMMEDIATELY AFTER DELIVERY TO THE JOB SITE, THE CONTRACTOR SHALL HARBOR THE PLANTINGS AS DESCRIBED IN ARTICLE 253.06 OF THE STANDARD SPECIFICATIONS FOR TEMPORARY STORAGE.
- THE EXISTING TOPSOIL THICKNESS WAS ASSUMED TO BE 6" FOR CALCULATION PURPOSES. THE ACTUAL NEED FOR TOPSOIL REMOVAL SHOULD BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL TOPSOIL STRIPPED SHALL BE STOCKPILED, SORTED, AND REUSED FOR THE PURPOSE OF LANDSCAPING IMPROVEMENTS. THE DEPTH OF PROPOSED TOPSOIL AT ALL LOCATIONS SHALL BE 6".
- NITROGEN FERTILIZER AND POTASSIUM FERTILIZER SHALL BE APPLIED AT A RATE OF 90 LB/ACRE TO AREAS WITH SEEDING CLASS 1A AND 2A, PER THE STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE ENGINEER. NO FERTILIZER SHALL BE REQUIRED FOR SEEDING CLASSES 4, 4A, 4B, OR 5.
- PHOSPHOROUS FERTILIZER SHALL NOT BE APPLIED DUE TO THE CLOSE PROXIMITY TO THE WINFIELD CREEK, LINCOLN MARSH, AND ELLIOT LAKE.
- CONTACT THE CITY OF WHEATON AT LEAST 2 WEEKS PRIOR TO BEGINNING FORESTRY AND LANDSCAPE WORK TO CONFIRM LAYOUT.

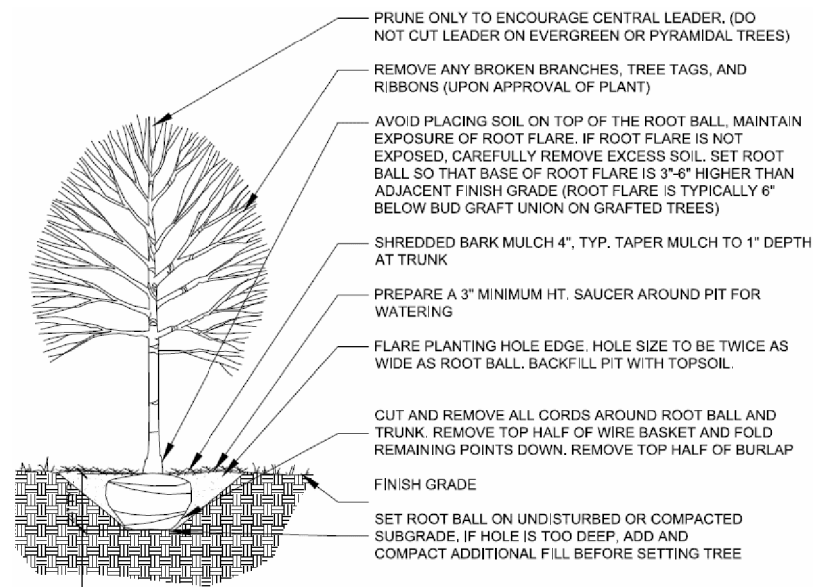
SCHEDULE OF LANDSCAPE QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	TOTAL
A2002616	TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
A2002720	TREE, CARYA OVATA (SHAGBARK HICKORY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4
A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	8
A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	10
A2007118	TREE, QUERCUS RUBRA (NORTHERN RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1



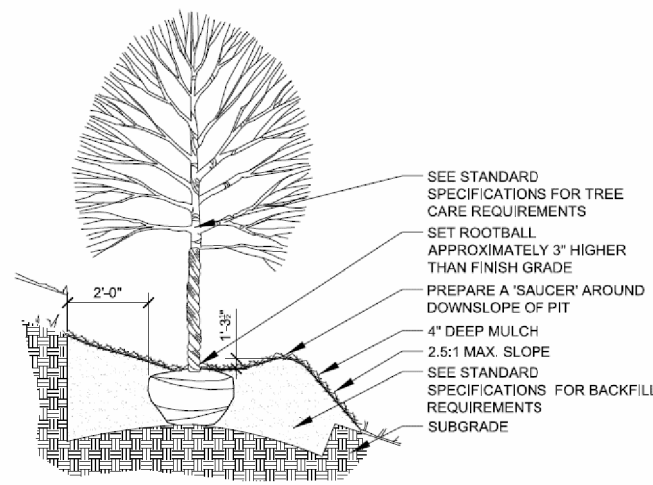
SHRUB PLANTING



ORNAMENTAL TREE PLANTING

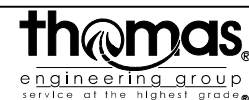


SHADE TREE PLANTING



SHADE TREE PLANTING - SLOPE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

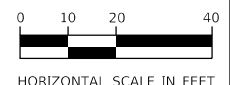
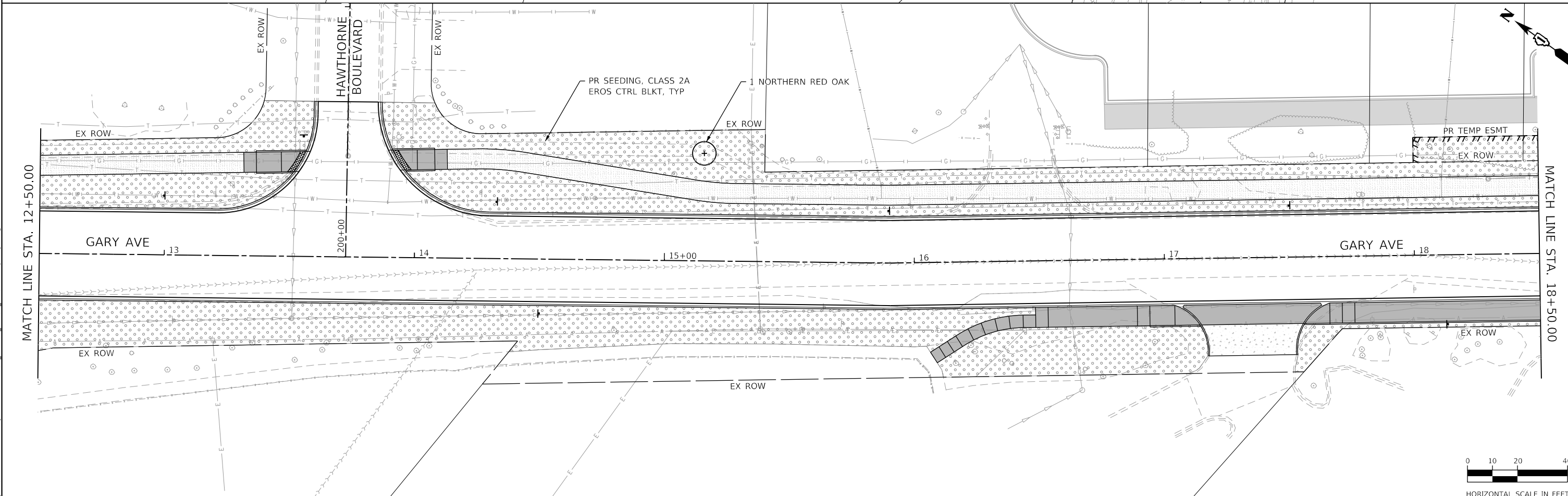
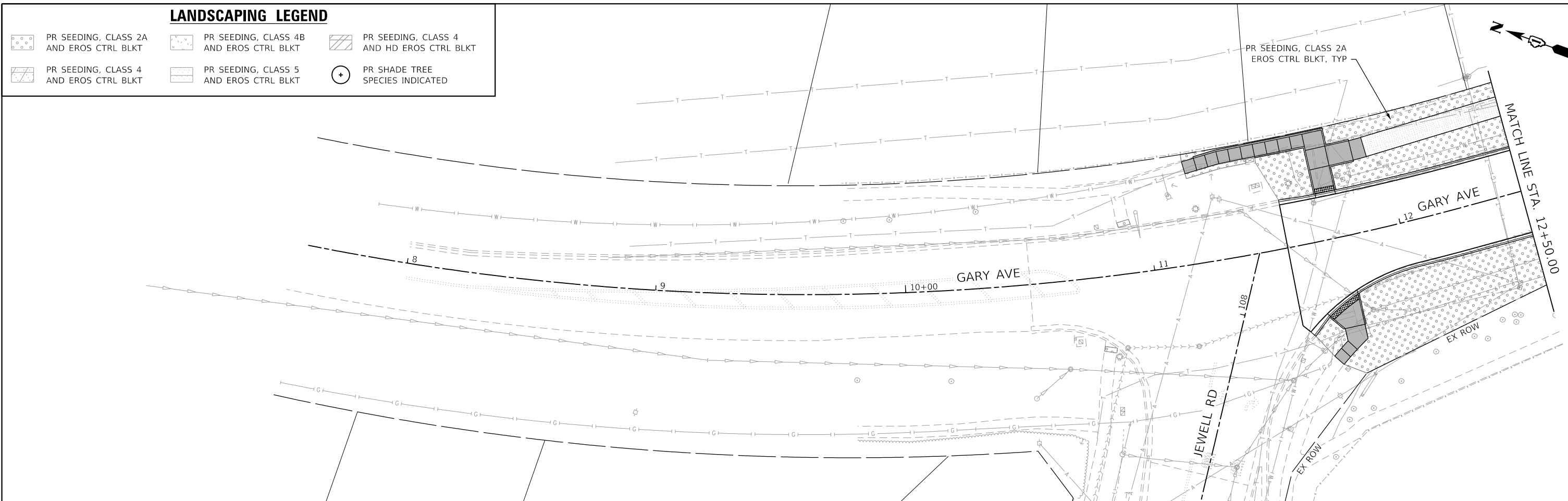
LANDSCAPING GENERAL NOTES

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

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CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

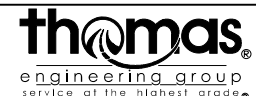
LANDSCAPING LEGEND

-  PR SEEDING, CLASS 2A AND EROS CTRL BLKT
-  PR SEEDING, CLASS 4B AND EROS CTRL BLKT
-  PR SEEDING, CLASS 4 AND HD EROS CTRL BLKT
-  PR SEEDING, CLASS 4 AND EROS CTRL BLKT
-  PR SEEDING, CLASS 5 AND EROS CTRL BLKT
-  PR SHADE TREE SPECIES INDICATED



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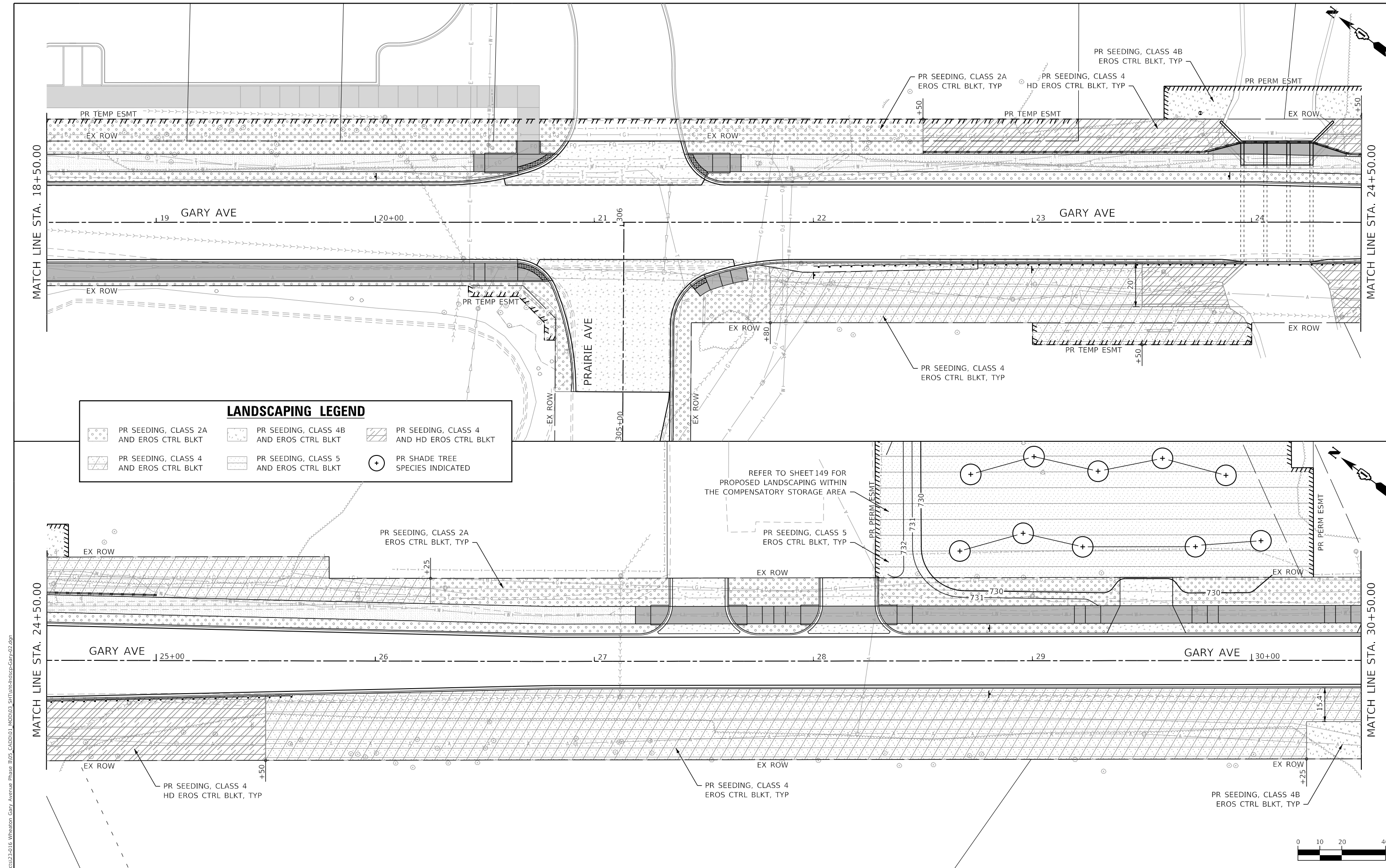
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
GARY AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	145
CONTRACT NO. 61K32			ILLINOIS FED. AID PROJECT	



LANDSCAPING LEGEND

	PR SEEDING, CLASS 2A AND EROS CTRL BLKT		PR SEEDING, CLASS 4B AND EROS CTRL BLKT		PR SEEDING, CLASS 4 AND HD EROS CTRL BLKT
	PR SEEDING, CLASS 4 AND EROS CTRL BLKT		PR SEEDING, CLASS 5 AND EROS CTRL BLKT		PR SHADE TREE SPECIES INDICATED

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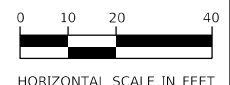
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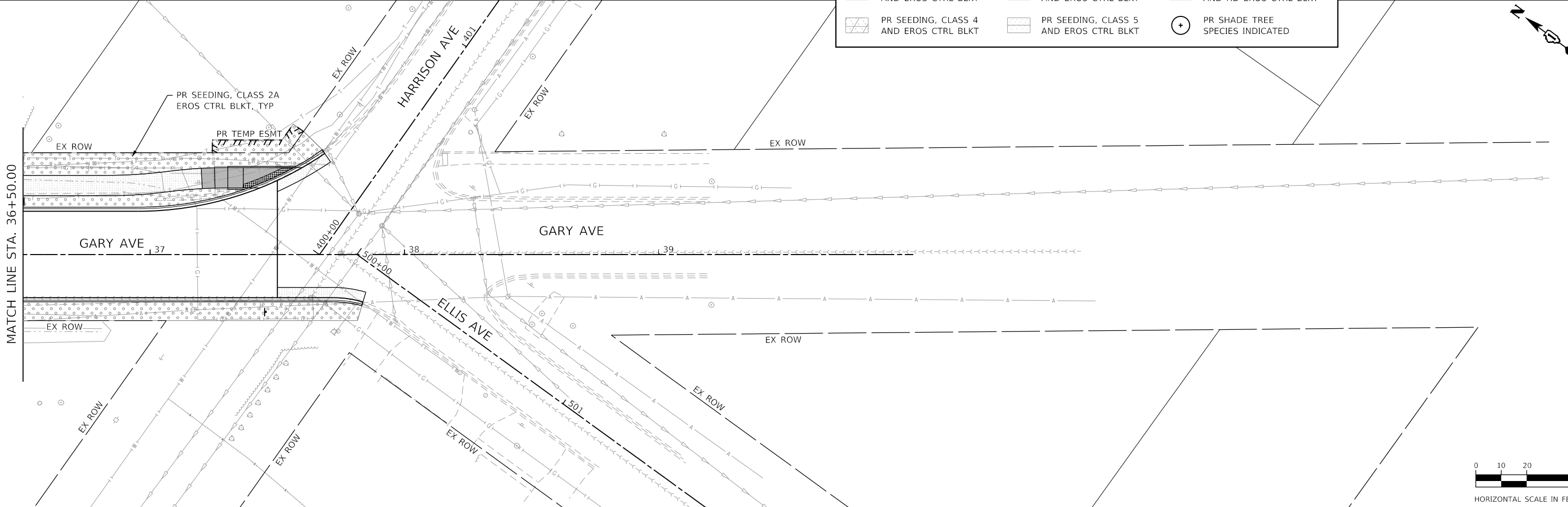
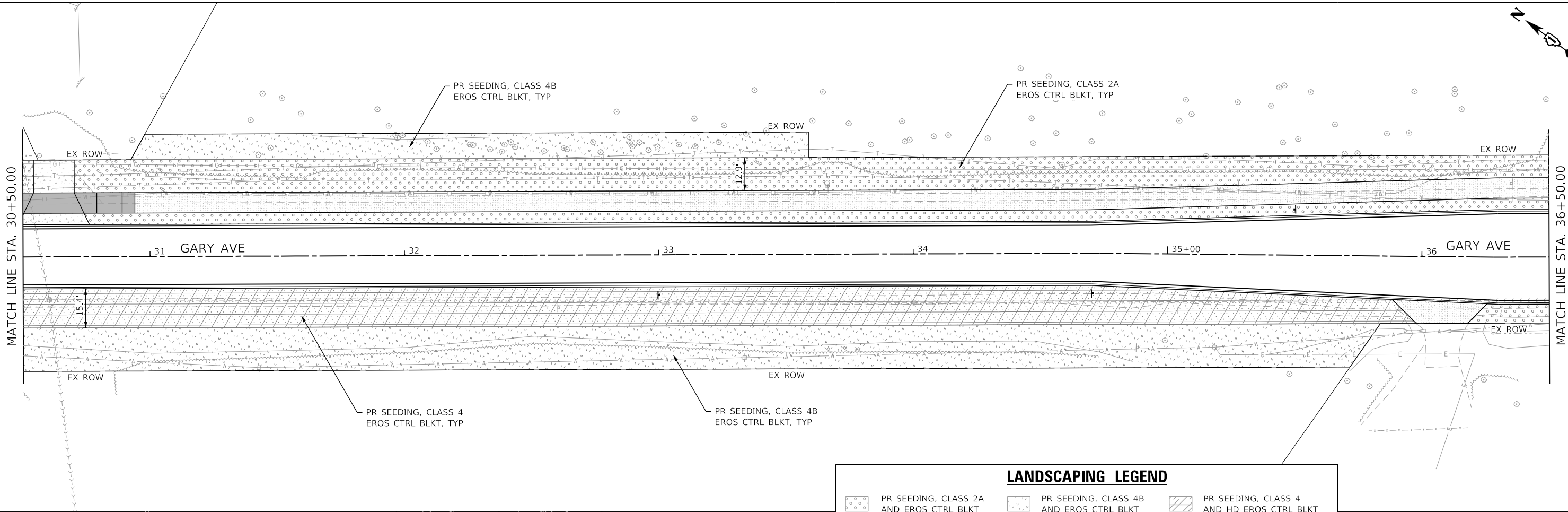
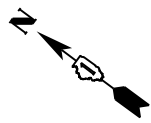
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
GARY AVENUE**

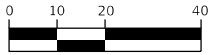
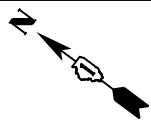
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				



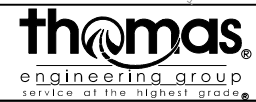


LANDSCAPING LEGEND					
	PR SEEDING, CLASS 2A AND EROS CTRL BLKT		PR SEEDING, CLASS 4B AND EROS CTRL BLKT		PR SEEDING, CLASS 4 AND HD EROS CTRL BLKT
	PR SEEDING, CLASS 4 AND EROS CTRL BLKT		PR SEEDING, CLASS 5 AND EROS CTRL BLKT		PR SHADE TREE SPECIES INDICATED



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	DATE - 02/14/2024	REVISED -

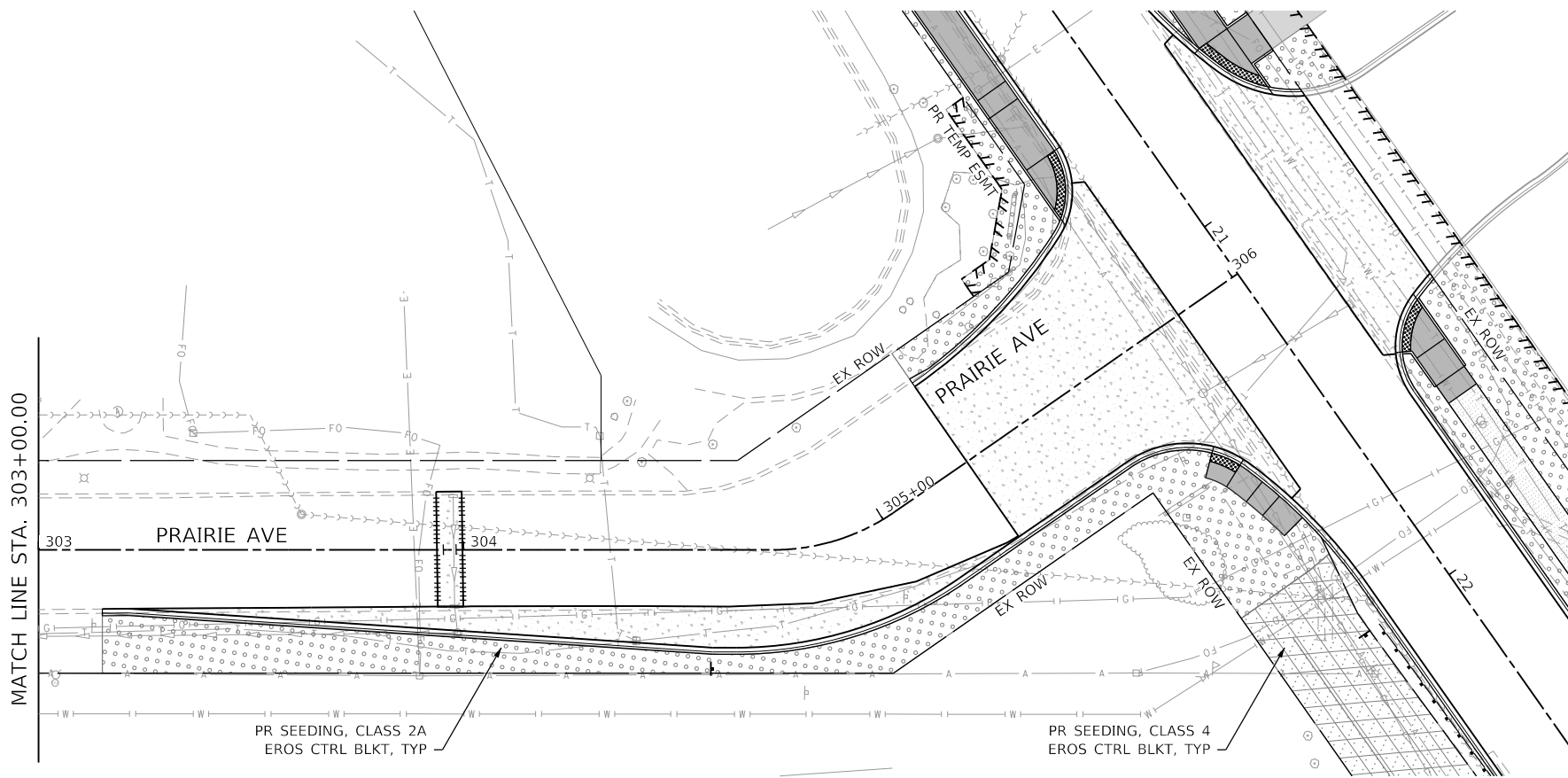
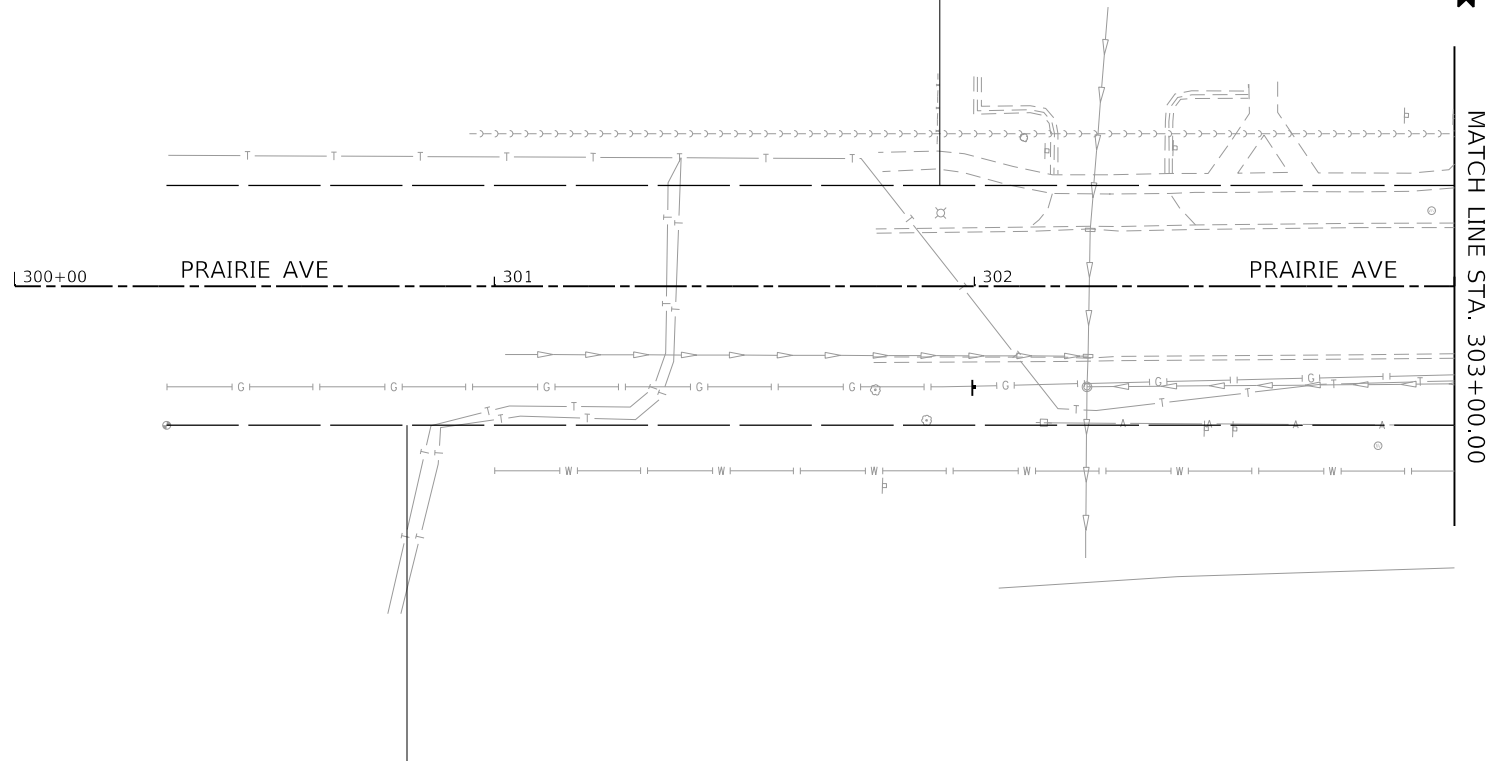
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN	
GARY AVENUE	
SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.

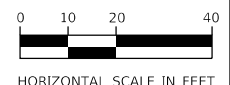
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	147
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

- PR SEEDING, CLASS 2A AND EROS CTRL BLKT
- PR SEEDING, CLASS 4B AND EROS CTRL BLKT
- PR SEEDING, CLASS 4 AND HD EROS CTRL BLKT
- PR SEEDING, CLASS 4 AND EROS CTRL BLKT
- PR SEEDING, CLASS 5 AND EROS CTRL BLKT
- PR SHADE TREE SPECIES INDICATED

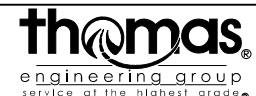


MATCH LINE STA. 303+00.00



HORIZONTAL SCALE IN FEET

MODEL: D:\p1\16\1605\160503\160503.dwg
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PROJECT: 16050303.dwg
DATE: 02/14/2024



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

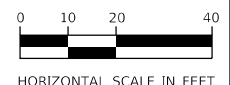
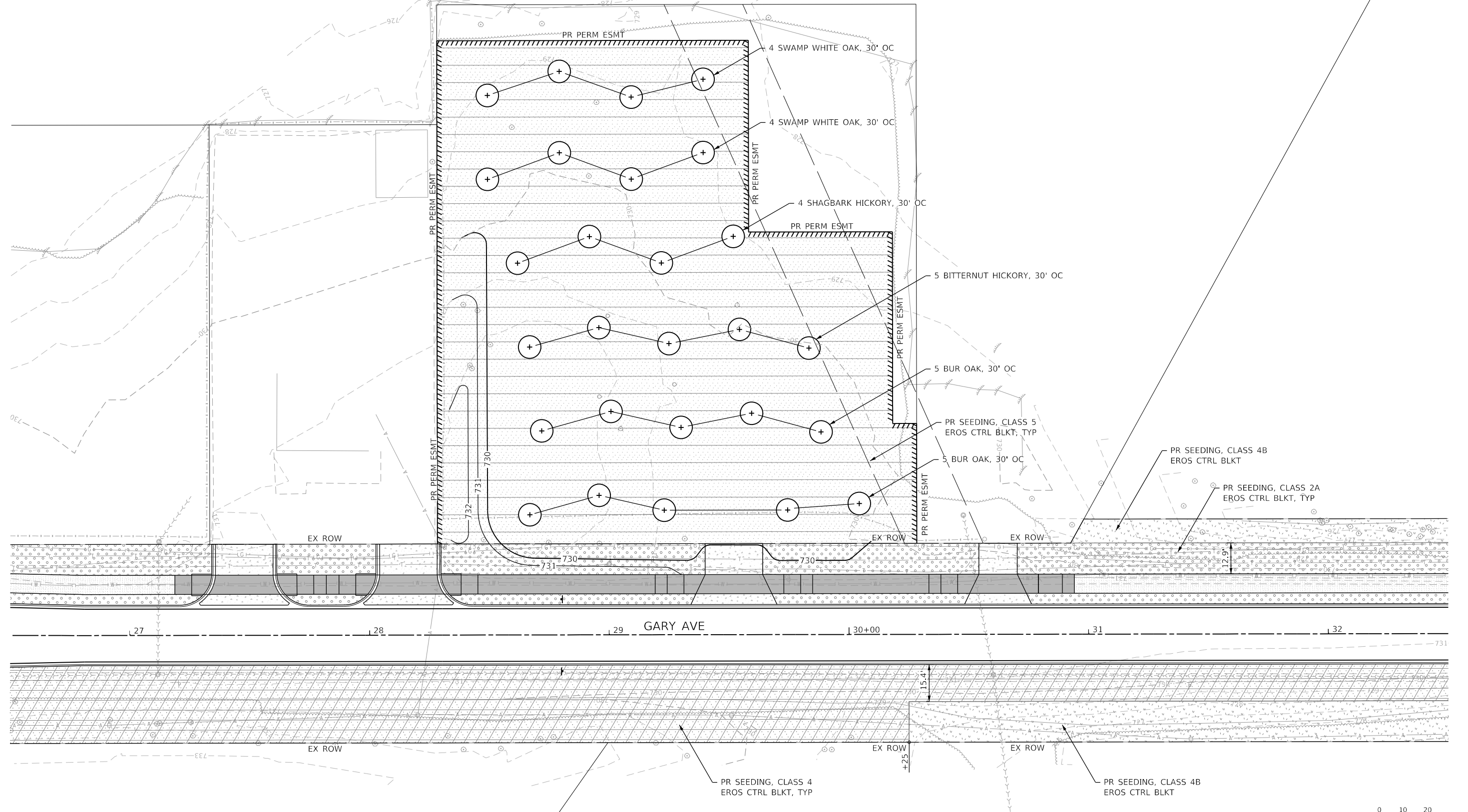
**LANDSCAPING PLAN
PRAIRIE AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	148
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

- PR SEEDING, CLASS 2A AND EROS CTRL BLKT
- PR SEEDING, CLASS 4B AND EROS CTRL BLKT
- PR SEEDING, CLASS 4 AND HD EROS CTRL BLKT
- PR SEEDING, CLASS 4 AND EROS CTRL BLKT
- PR SEEDING, CLASS 5 AND EROS CTRL BLKT
- PR SHADE TREE SPECIES INDICATED



MODEL: Default
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PLOT SCALE = 40.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

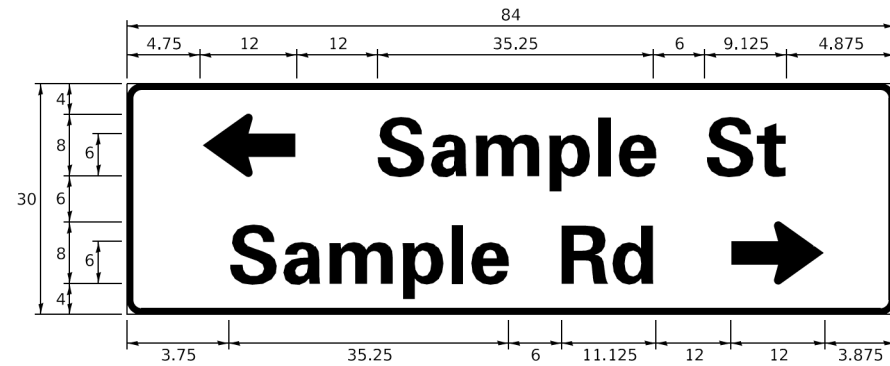
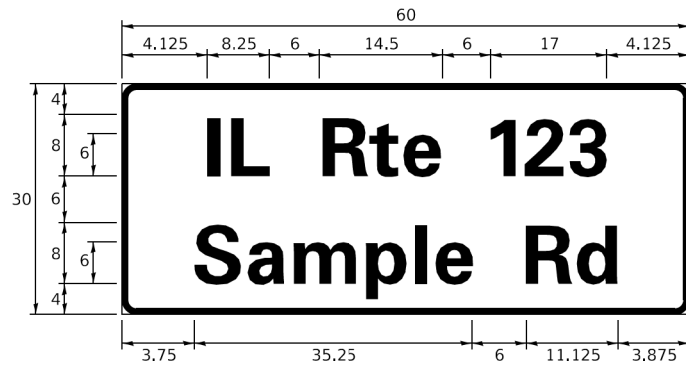
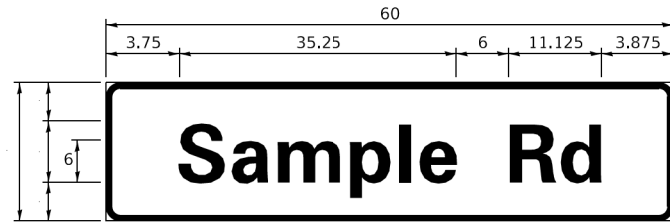
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
COMPENSATORY STORAGE AREA**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	149
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

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

LOCAL SUPPLIERS:

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

PARTS LISTING:

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

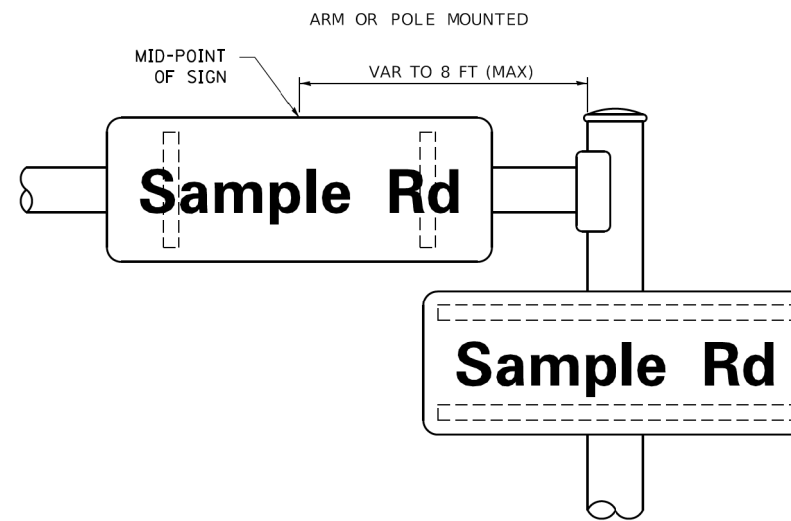
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

STANDARD ALPHABETS SPACING CHART

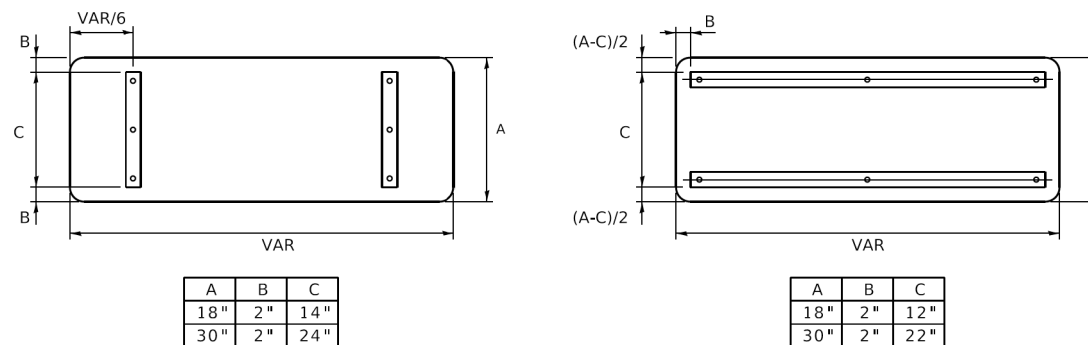
(8") UPPER CASE AND (6") LOWER CASE

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

MOUNTING LOCATION



SUPPORTING CHANNELS



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PLOT SCALE = 50.0000' / 1"	CHECKED - IP	REVISED -
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2561	SECTION 20-00123-00-PV	COUNTY DUPAGE	TOTAL SHEETS 257	SHEET NO. 150
TS-02		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

MODEL: Default
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	DRAWN - IP	REVISED -	
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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

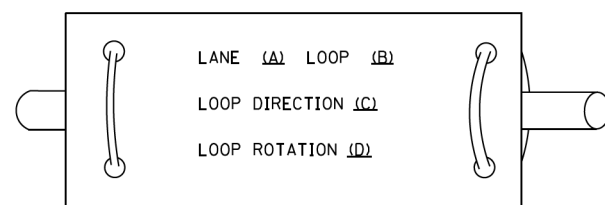
SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	151
TS-05			CONTRACT NO. 61K32	
ILLINOIS FED. AID PROJECT				

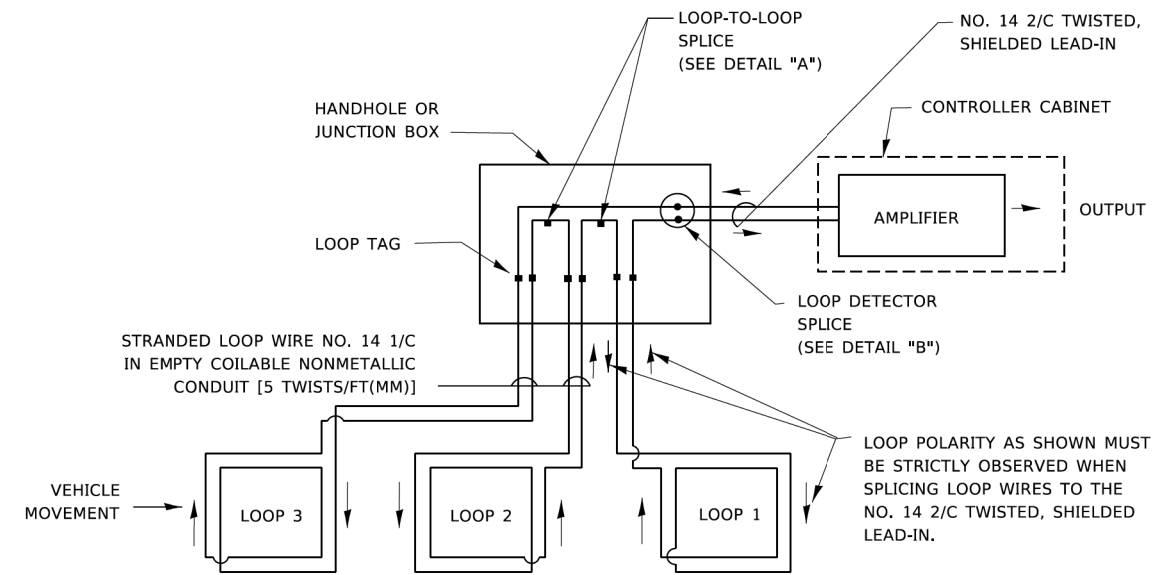
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

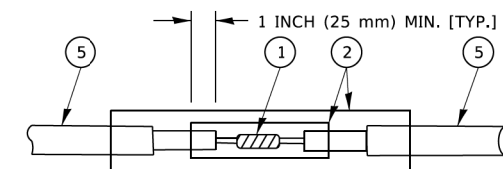


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

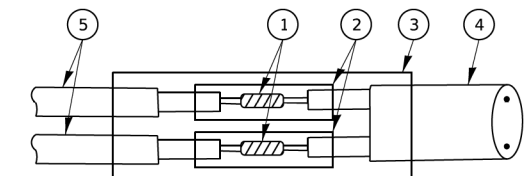


DETECTOR LOOP WIRING SCHEMATIC

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

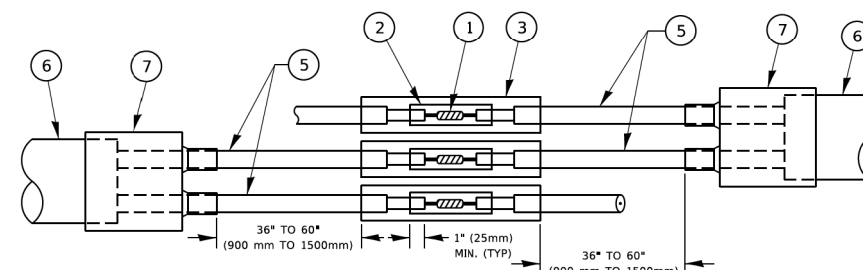


DETAIL "A"
LOOP-TO-LOOP SPLICE

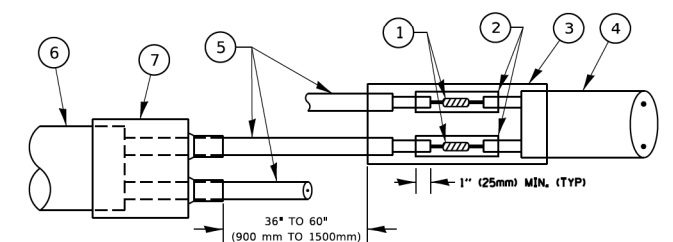


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

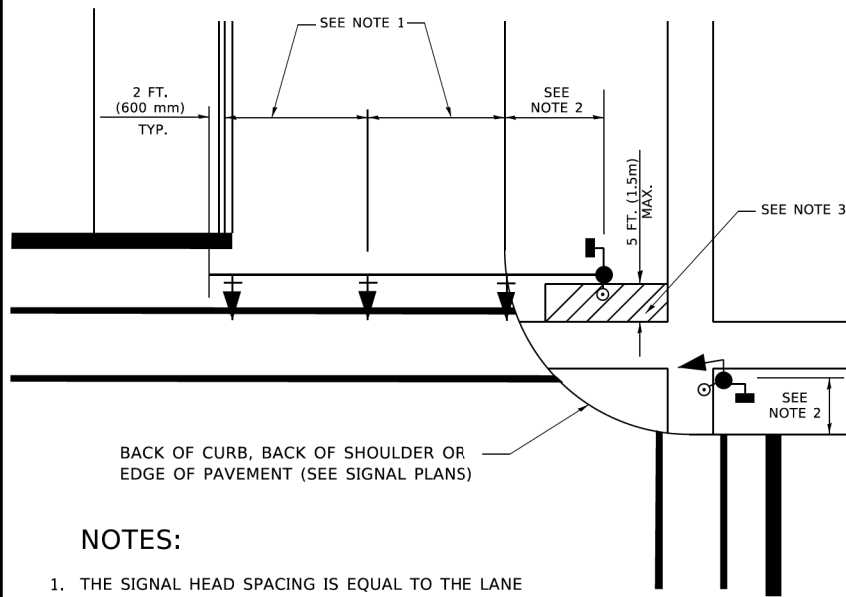
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.U. RTE. 2561	SECTION 20-00123-00-PV	COUNTY DUPAGE	TOTAL SHEETS 257	SHEET NO. 152
TS-05		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

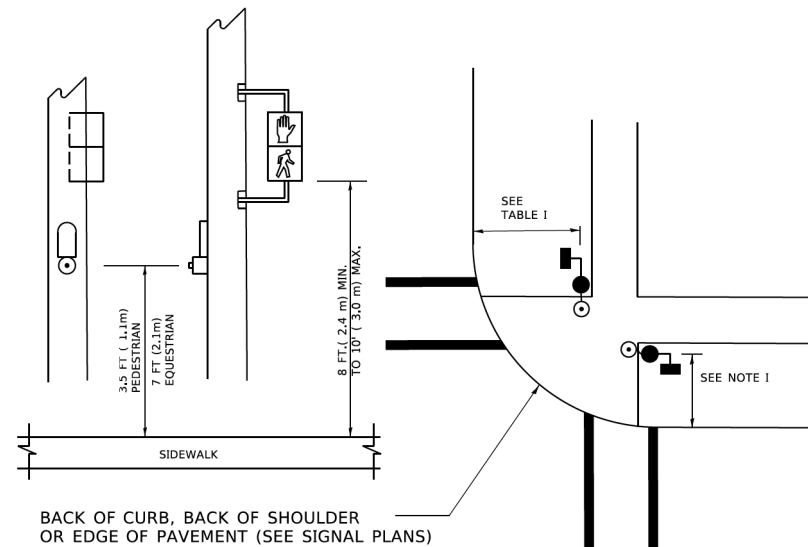
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

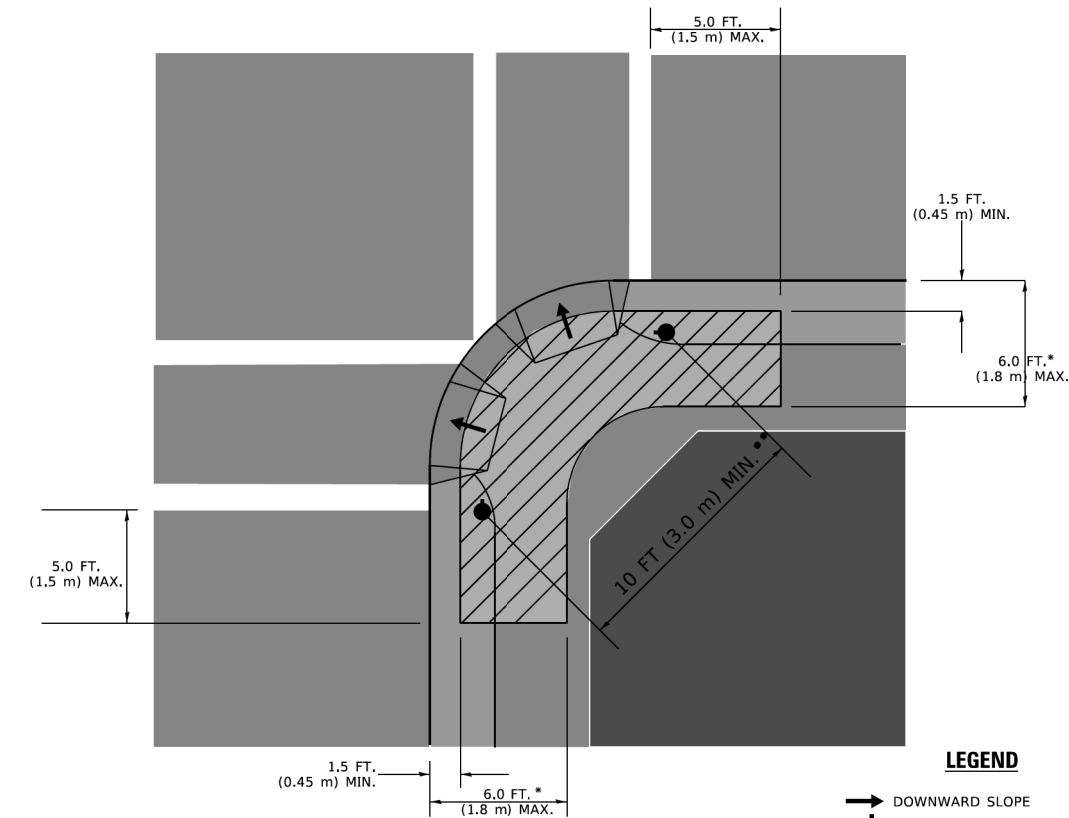
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

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

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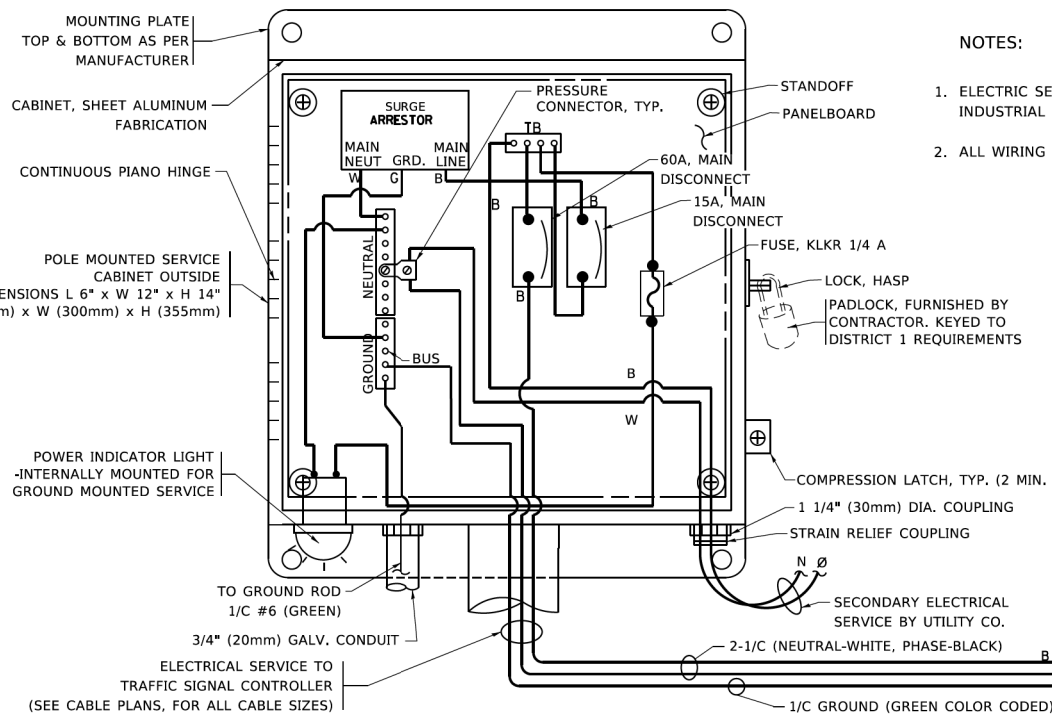
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

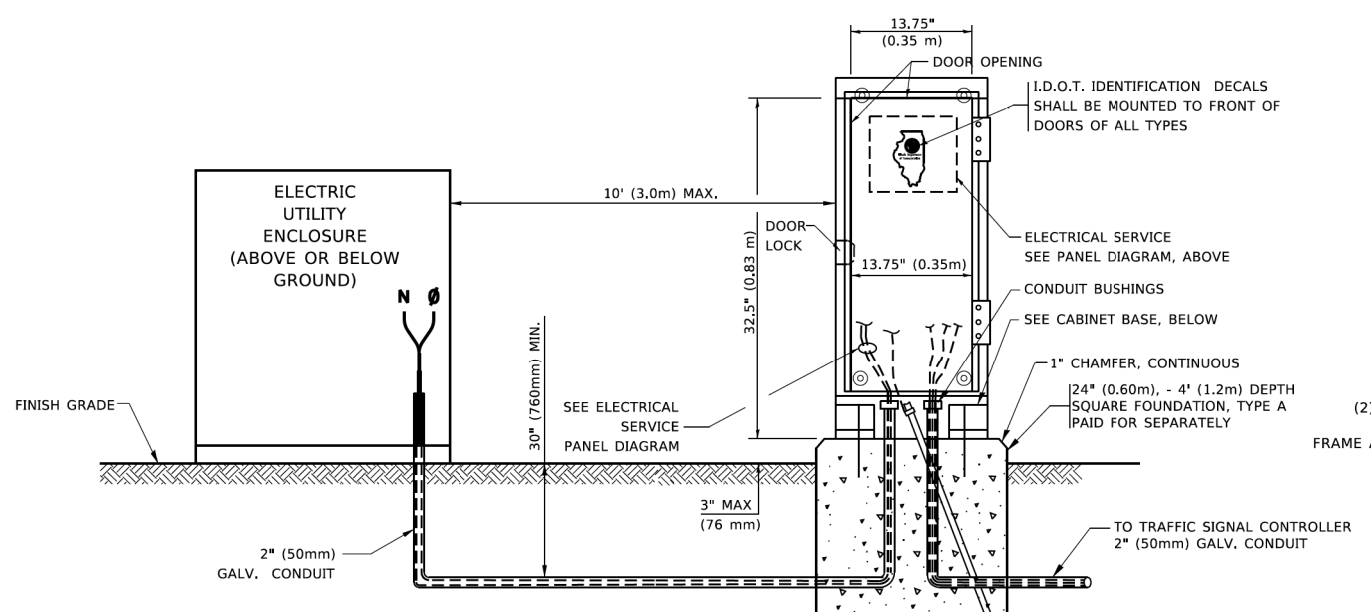
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

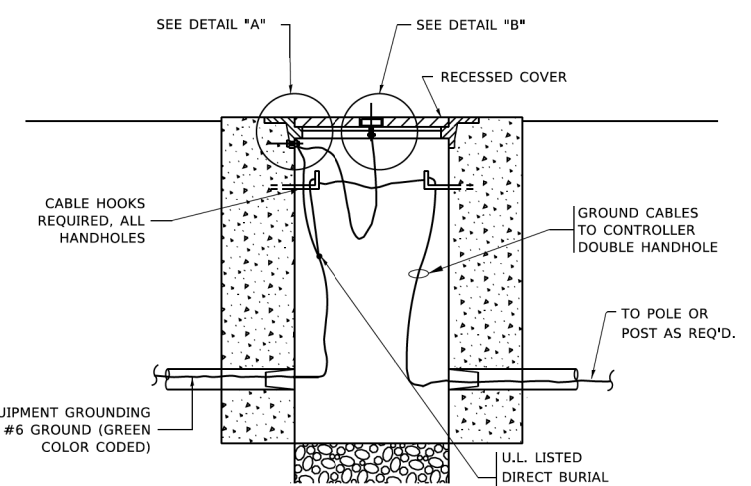
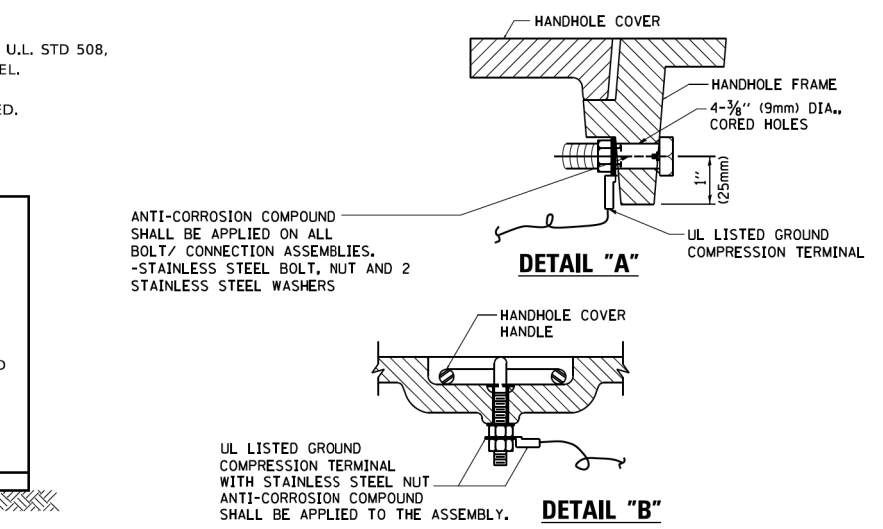
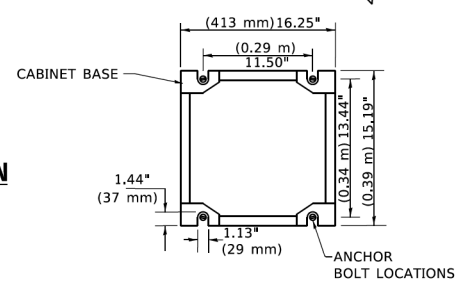


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)

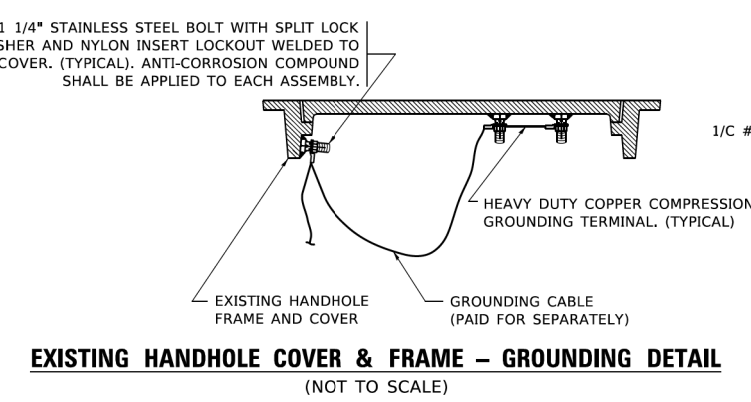


SERVICE INSTALLATION GROUND MOUNT
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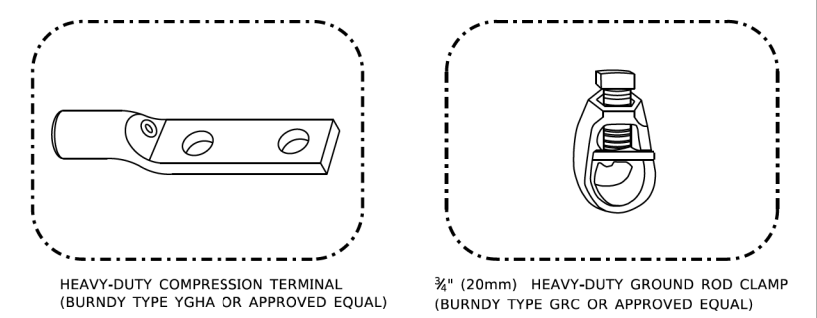
CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



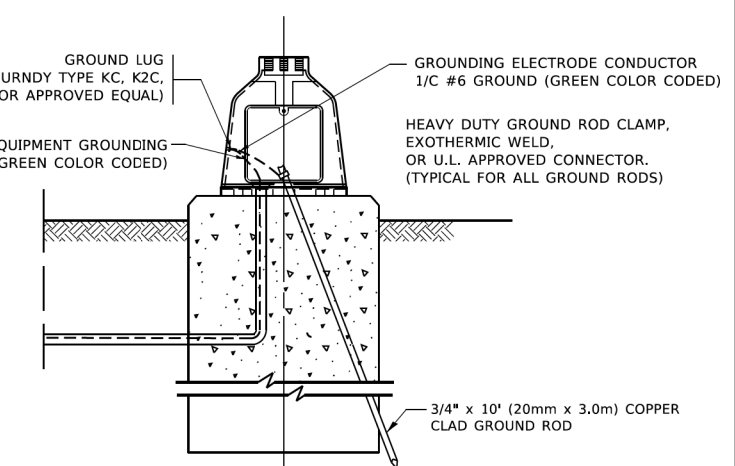
HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

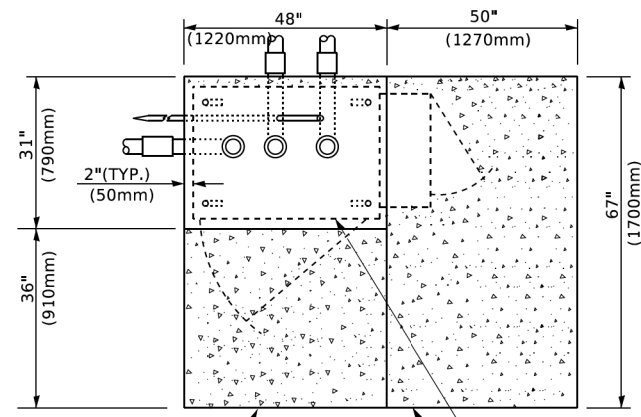


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
 - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
 - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
 - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND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

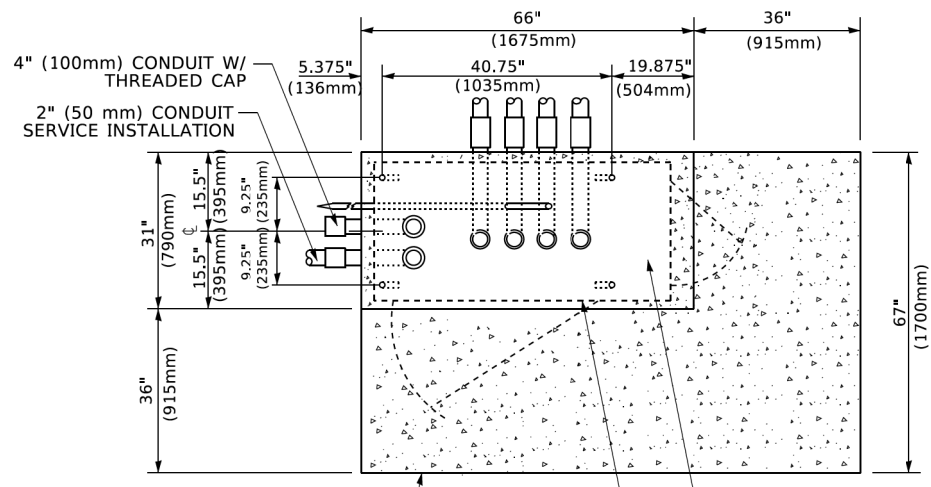


MAST ARM POLE /POST-GROUNDING DETAIL
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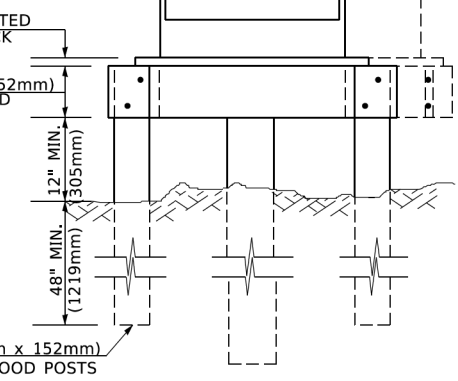
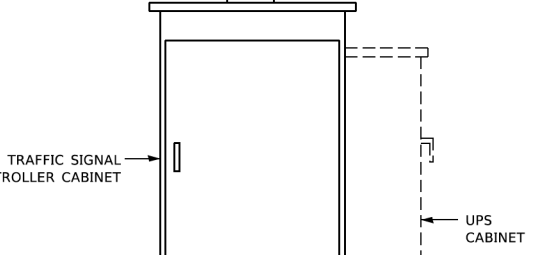
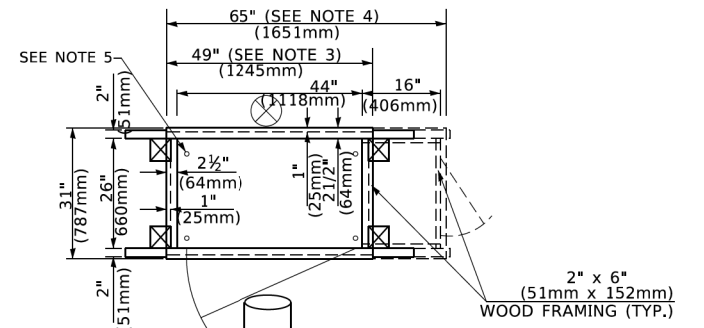
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TOP VIEW



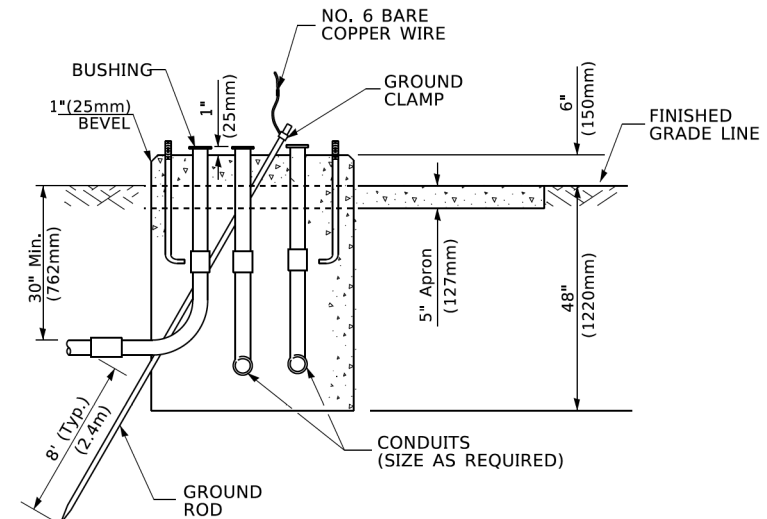
TOP VIEW



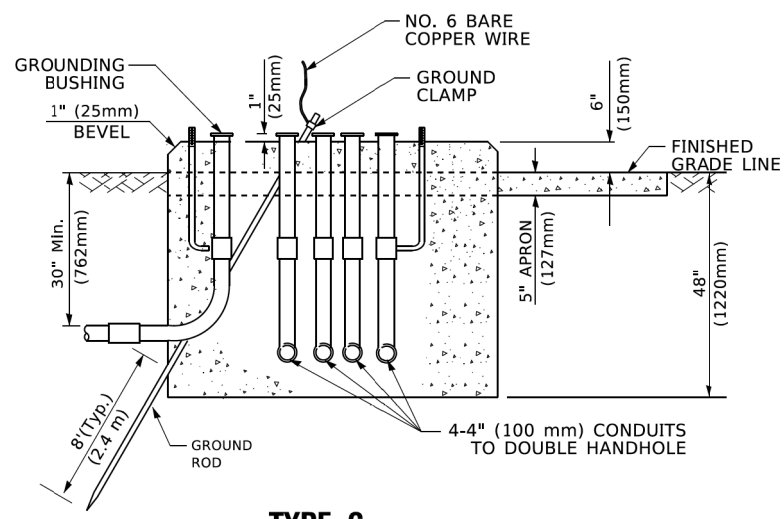
NOTES:

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

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



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

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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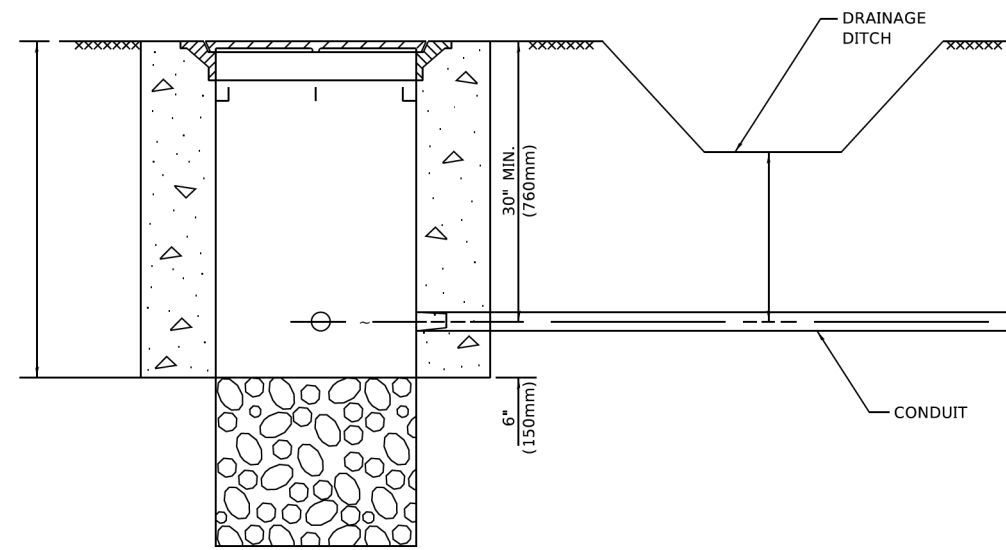
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET 5 OF 7 SHEETS	STA. TO STA.
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DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

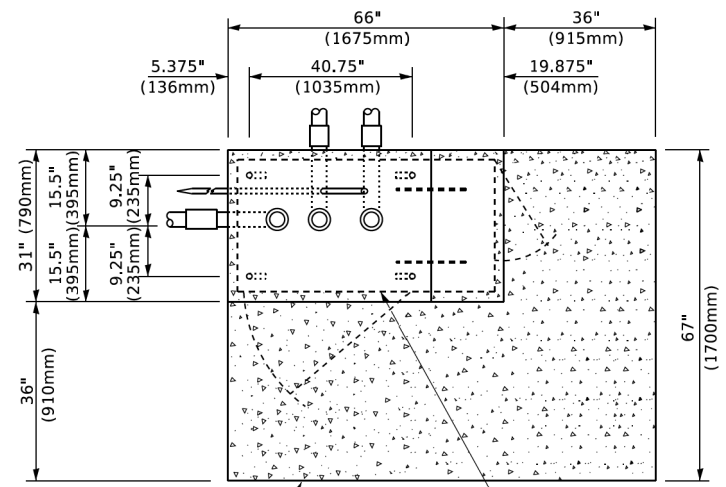
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TS-05		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				



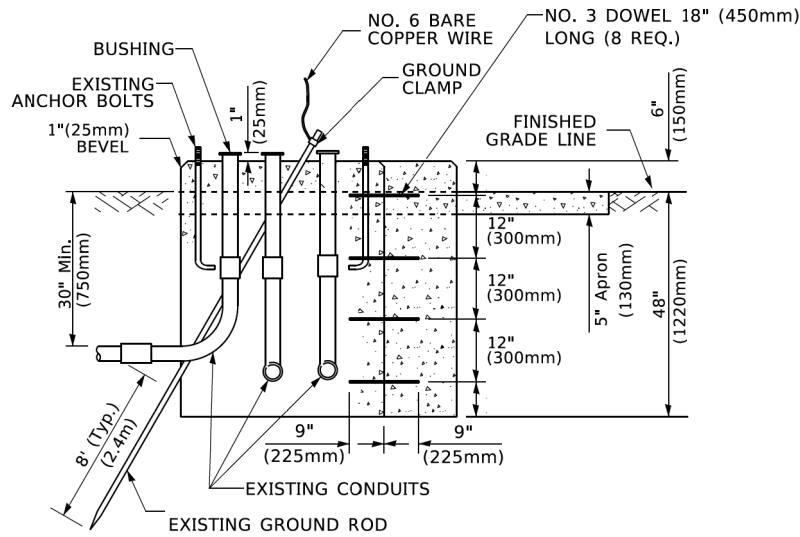
NOTES:

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

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)

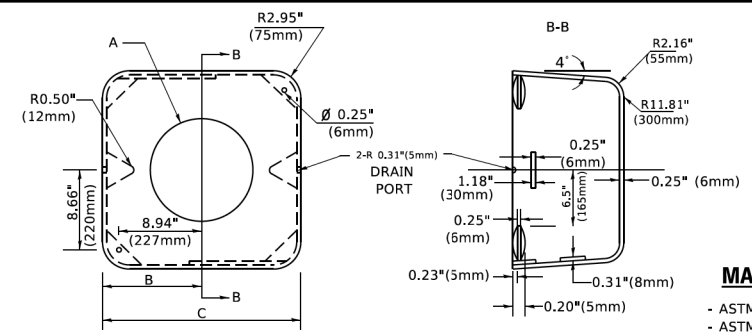


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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

NOTES:

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



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

	A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

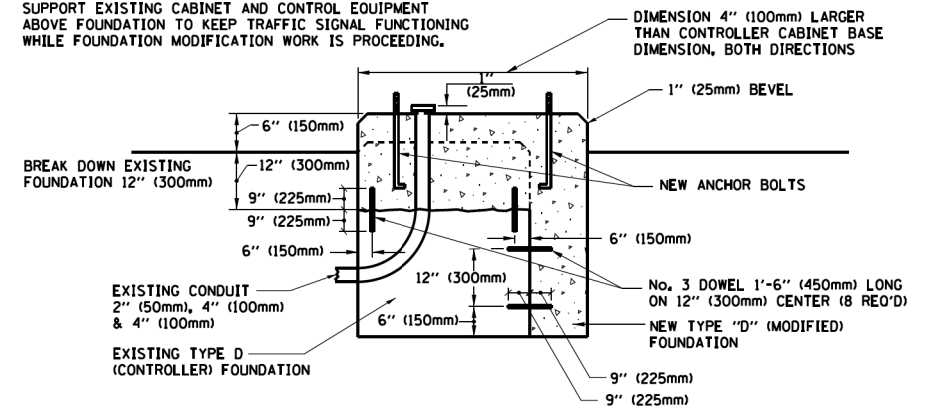
SHROUD

NOTES:

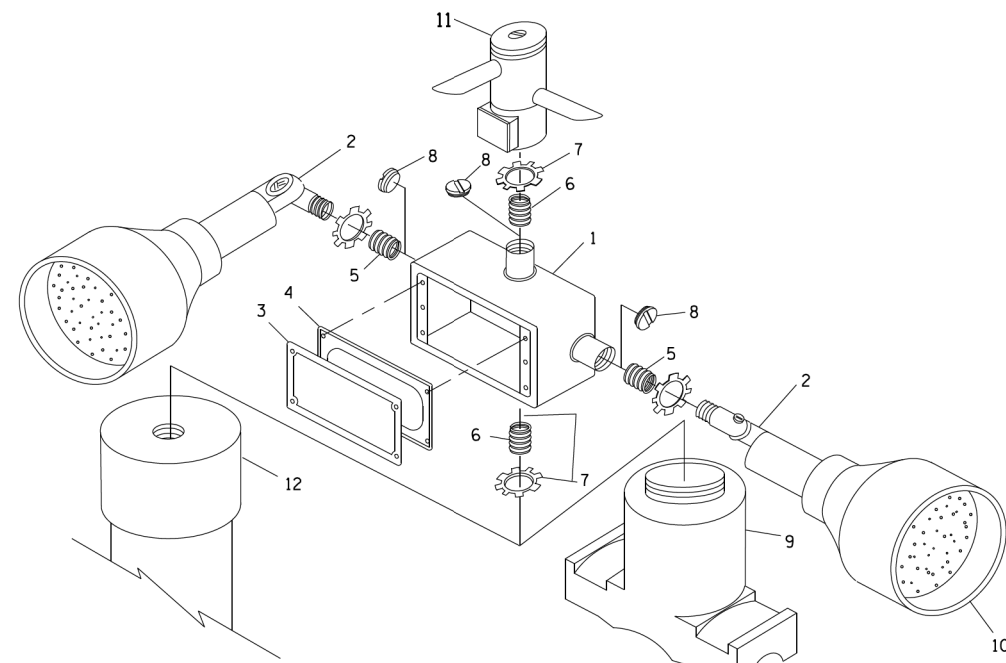
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

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



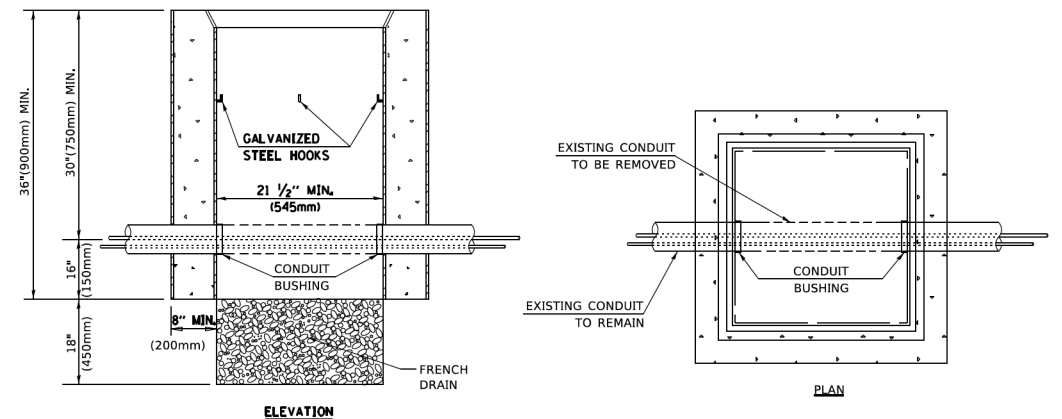
MODIFY EXISTING TYPE "D" FOUNDATION



POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

MODEL: Default
FILE NAME: P:\01108478\BENTLEY\Illinois.gov\PWIDOT\Documents\DOT_Offices\Dist1.ctb
PROJECT: Dist1\2002\23-21\CADD\Dist1\CAD\Sheets\TS05.dgn

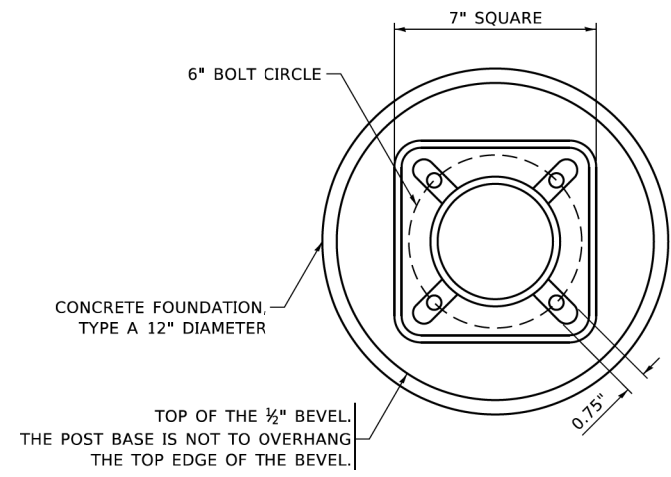
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footemj	-	-
	DRAWN	REVISED
	-	-
	CHECKED	REVISED
	-	-
	DATE	REVISED
	-	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

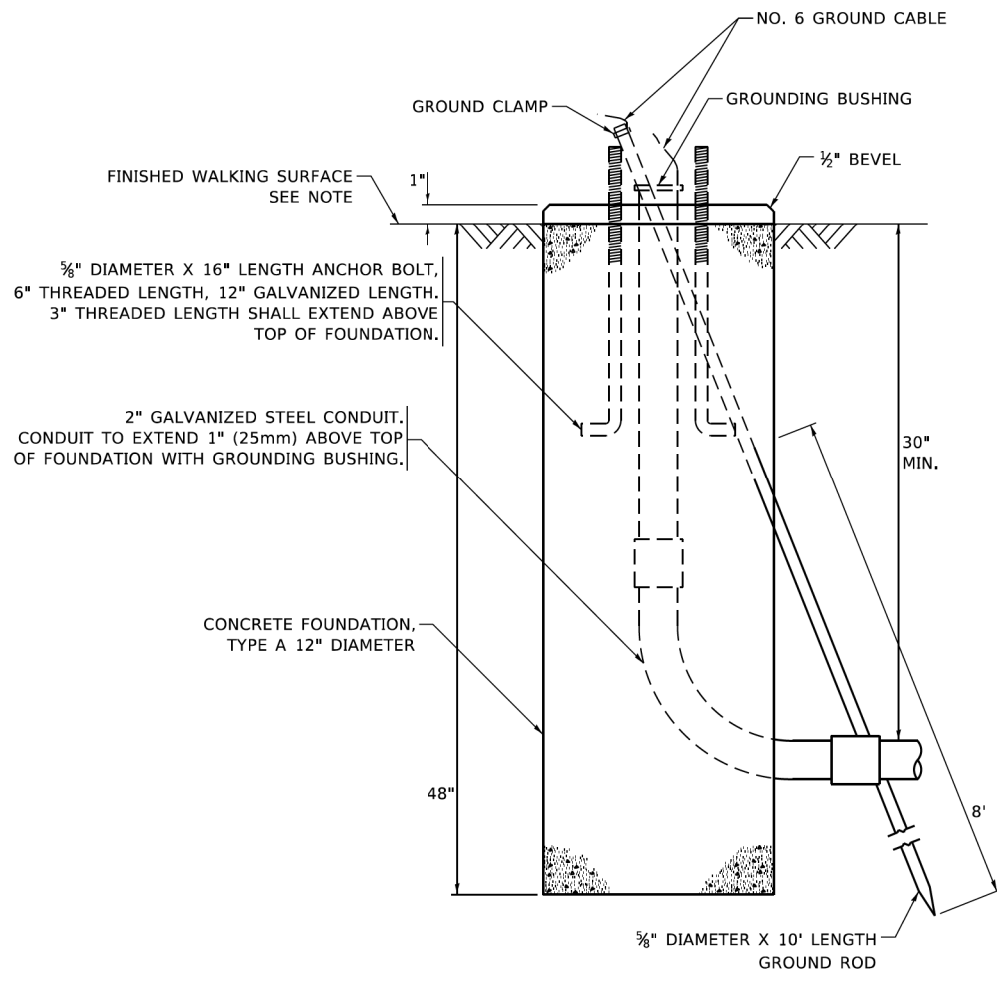
SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	156
TS-05		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

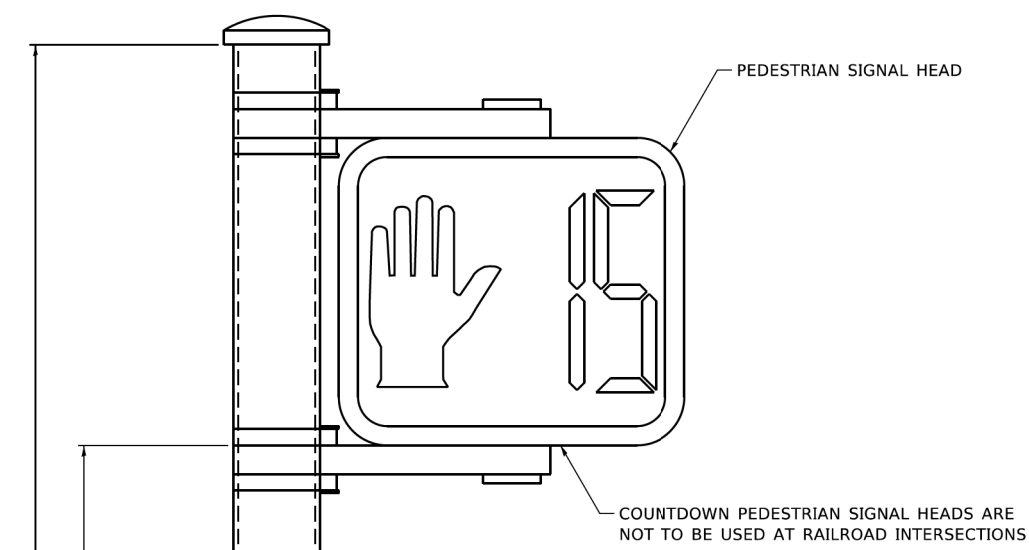


BOLT PATTERN

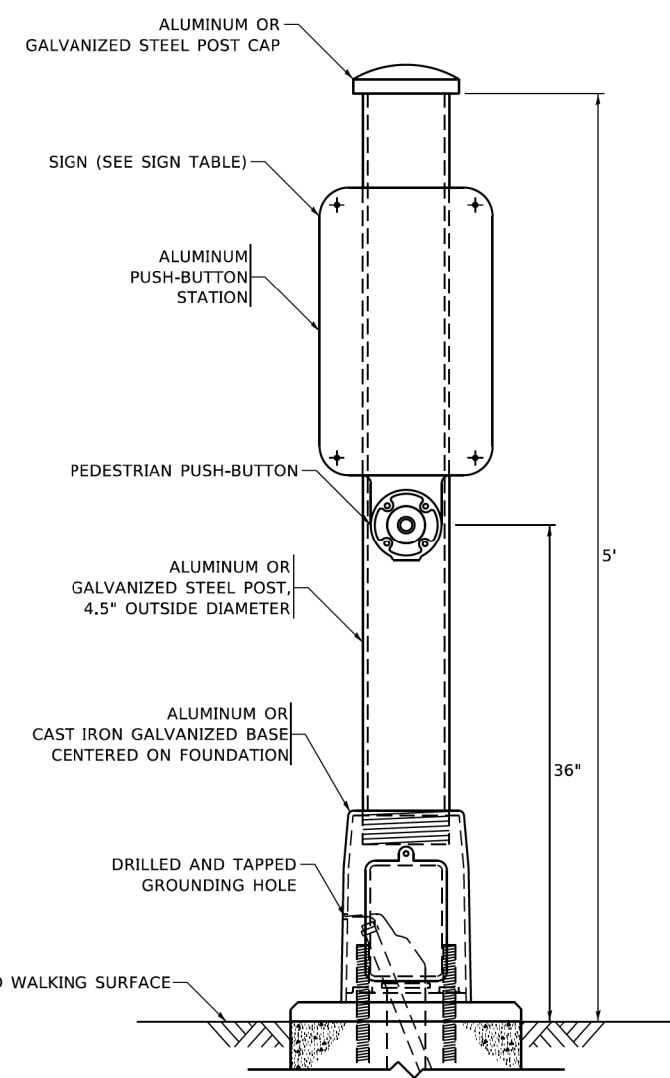
NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



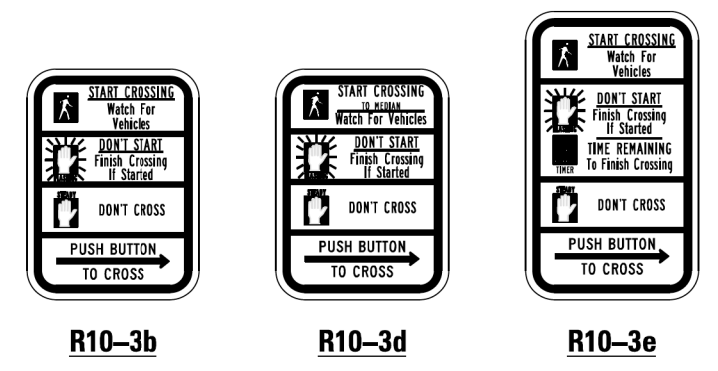
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



SIGN TABLE

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

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

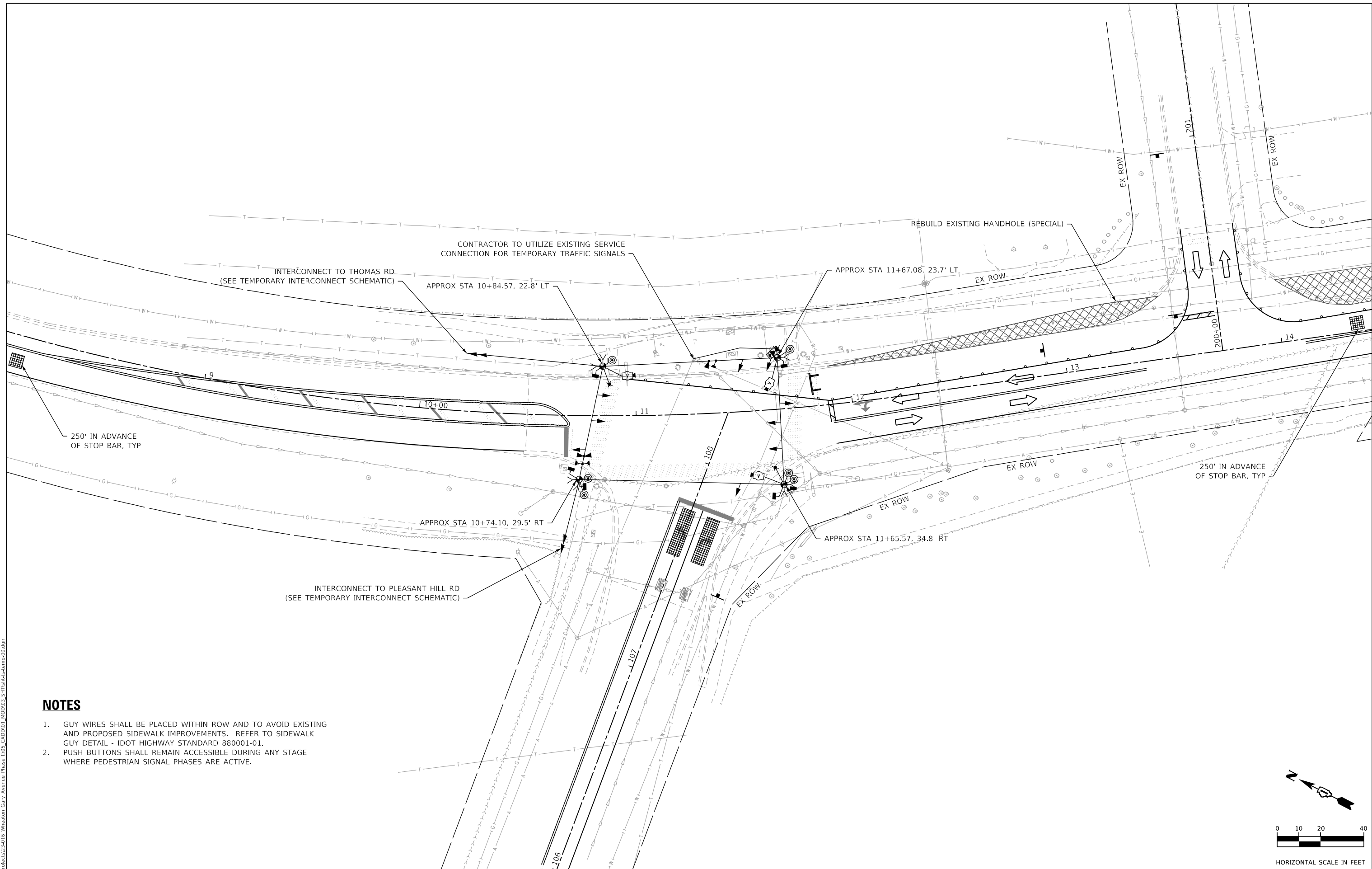
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USER NAME = gagllanobt	DESIGNED - IP	REVISED - 10-15-2020
	DRAWN - IP	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - LP	REVISED -
PLOT DATE = 11/23/2020	DATE - 10-15-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

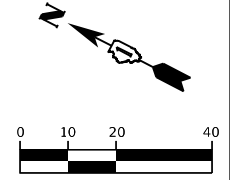
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**
SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	157
TS-05		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				



NOTES

1. GUY WIRES SHALL BE PLACED WITHIN ROW AND TO AVOID EXISTING AND PROPOSED SIDEWALK IMPROVEMENTS. REFER TO SIDEWALK GUY DETAIL - IDOT HIGHWAY STANDARD 880001-01.
2. PUSH BUTTONS SHALL REMAIN ACCESSIBLE DURING ANY STAGE WHERE PEDESTRIAN SIGNAL PHASES ARE ACTIVE.



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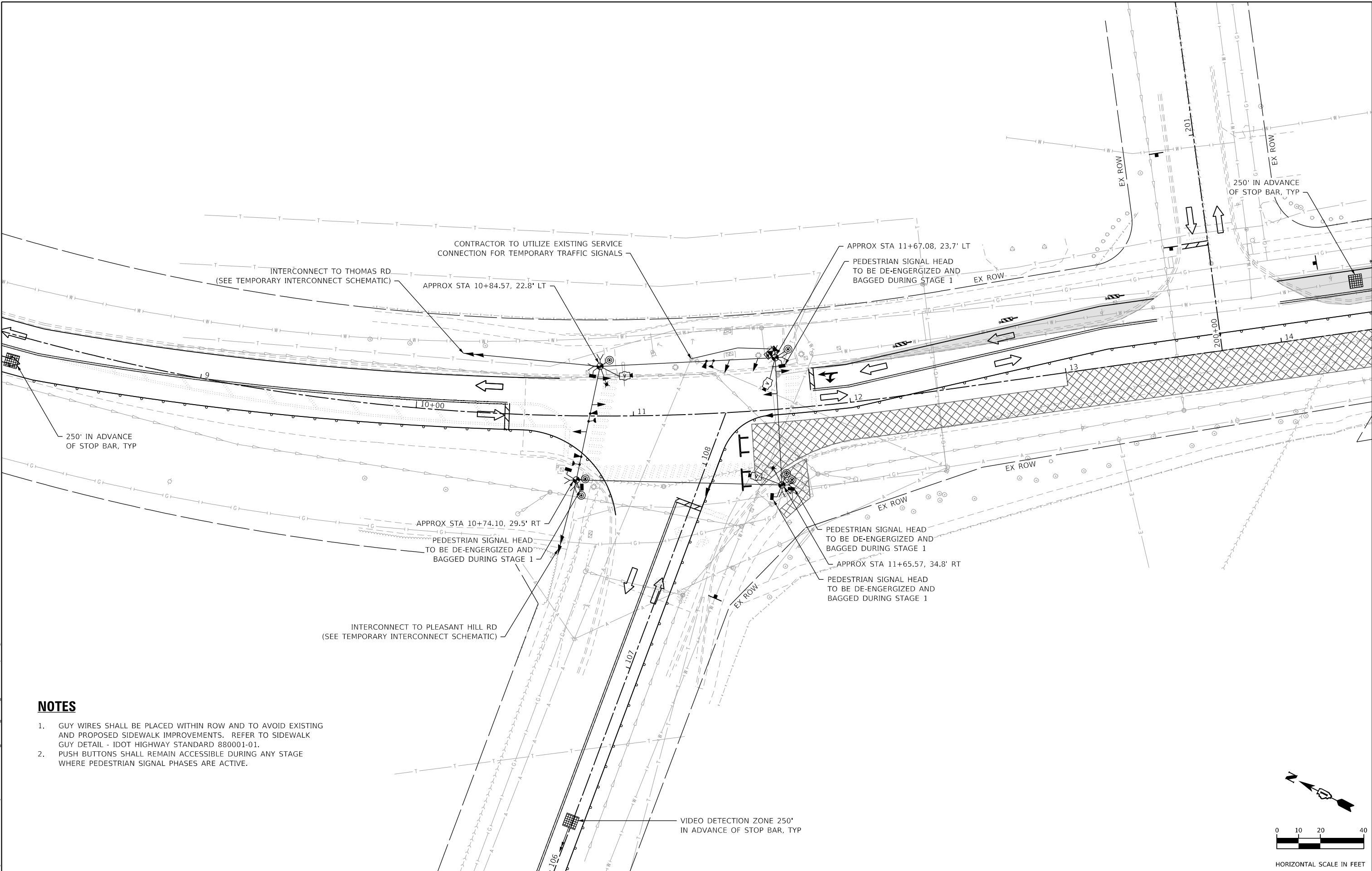
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	DRAWN - JBH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 3/19/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLAN – PRESTAGE GARY AVENUE AT JEWELL ROAD			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

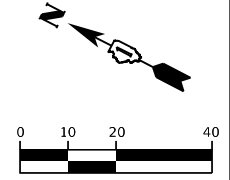
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	158
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

HORIZONTAL SCALE IN FEET



NOTES

- 1. GUY WIRES SHALL BE PLACED WITHIN ROW AND TO AVOID EXISTING AND PROPOSED SIDEWALK IMPROVEMENTS. REFER TO SIDEWALK GUY DETAIL - IDOT HIGHWAY STANDARD 880001-01.
- 2. PUSH BUTTONS SHALL REMAIN ACCESSIBLE DURING ANY STAGE WHERE PEDESTRIAN SIGNAL PHASES ARE ACTIVE.



HORIZONTAL SCALE IN FEET

MODEL: D:\p1\11\1105\110503\110503_016_Wheaton Gary Avenue Phase II\05_CADD\01_MOD\03_SHT\1105-temp-01.dgn
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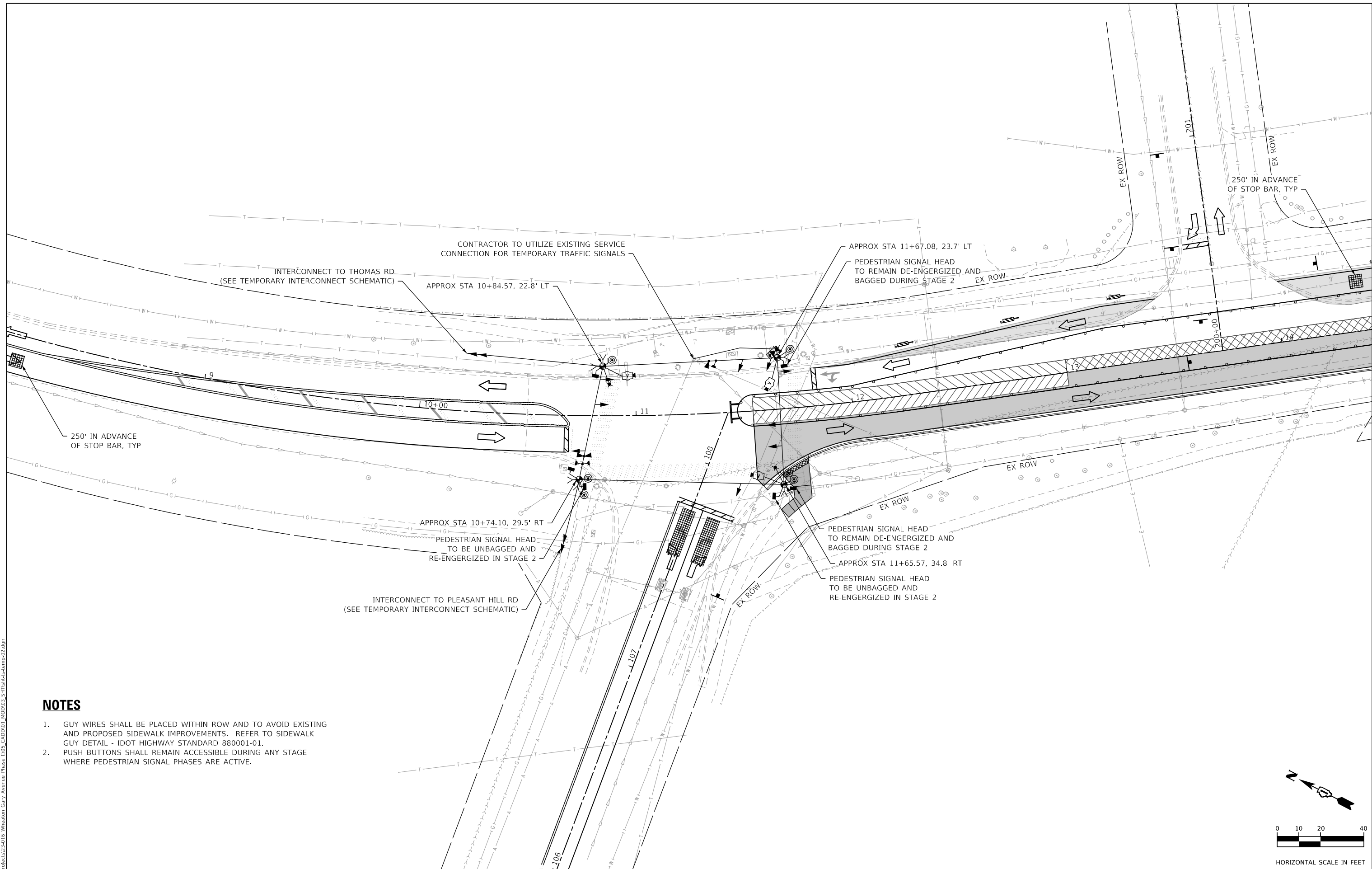
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	DRAWN - JBH	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 3/19/2024	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1
GARY AVENUE AT JEWELL ROAD

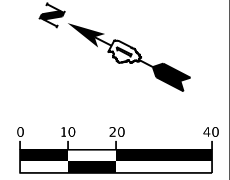
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	159
				CONTRACT NO. 61K32
		ILLINOIS	FED. AID PROJECT	



NOTES

1. GUY WIRES SHALL BE PLACED WITHIN ROW AND TO AVOID EXISTING AND PROPOSED SIDEWALK IMPROVEMENTS. REFER TO SIDEWALK GUY DETAIL - IDOT HIGHWAY STANDARD 880001-01.
2. PUSH BUTTONS SHALL REMAIN ACCESSIBLE DURING ANY STAGE WHERE PEDESTRIAN SIGNAL PHASES ARE ACTIVE.



HORIZONTAL SCALE IN FEET

MODEL: Default
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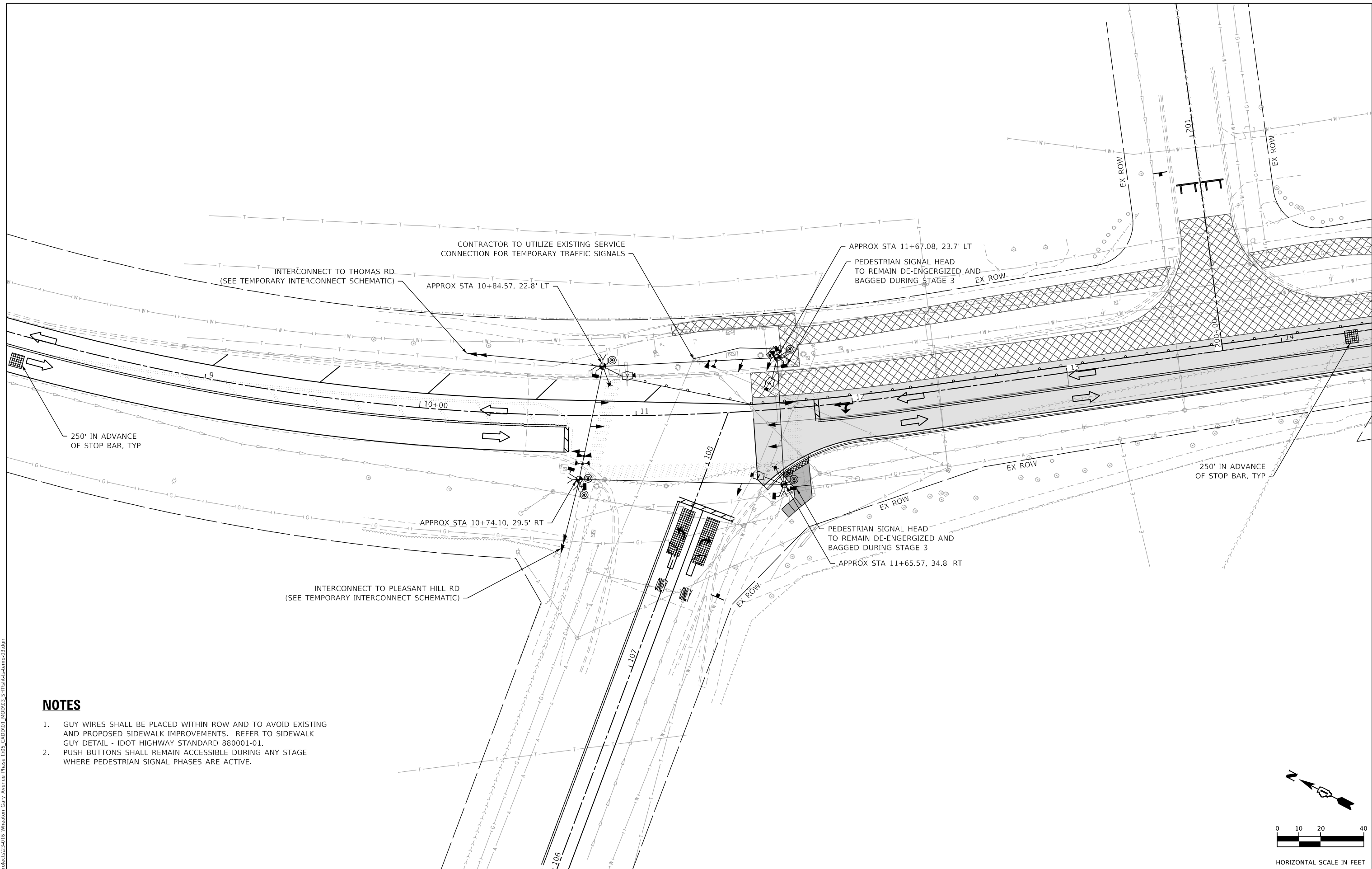


USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 3/19/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

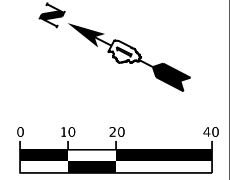
TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2 GARY AVENUE AT JEWELL ROAD			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	160
				CONTRACT NO. 61K32
		ILLINOIS	FED. AID PROJECT	



NOTES

1. GUY WIRES SHALL BE PLACED WITHIN ROW AND TO AVOID EXISTING AND PROPOSED SIDEWALK IMPROVEMENTS. REFER TO SIDEWALK GUY DETAIL - IDOT HIGHWAY STANDARD 880001-01.
2. PUSH BUTTONS SHALL REMAIN ACCESSIBLE DURING ANY STAGE WHERE PEDESTRIAN SIGNAL PHASES ARE ACTIVE.



MODEL: Default
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PLOT DATE = 3/19/2024	DATE - 02/14/2024	REVISED -

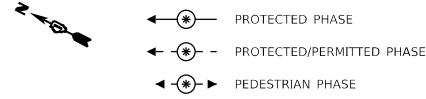
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3 GARY AVENUE AT JEWELL ROAD			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

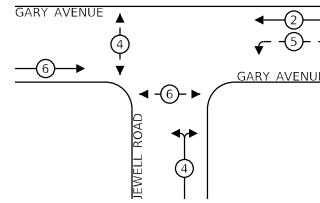
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	161
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER SEQUENCE

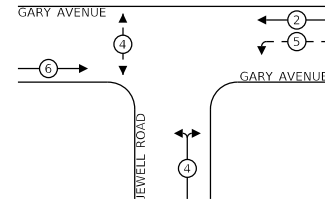
LEGEND:



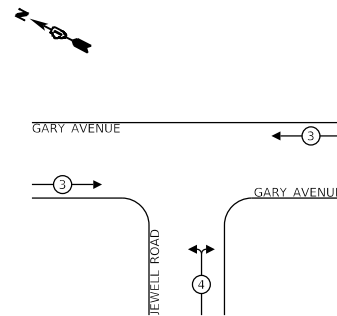
PRESTAGE, STAGE 2, 3 AND 4



STAGE 1



**TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑

**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

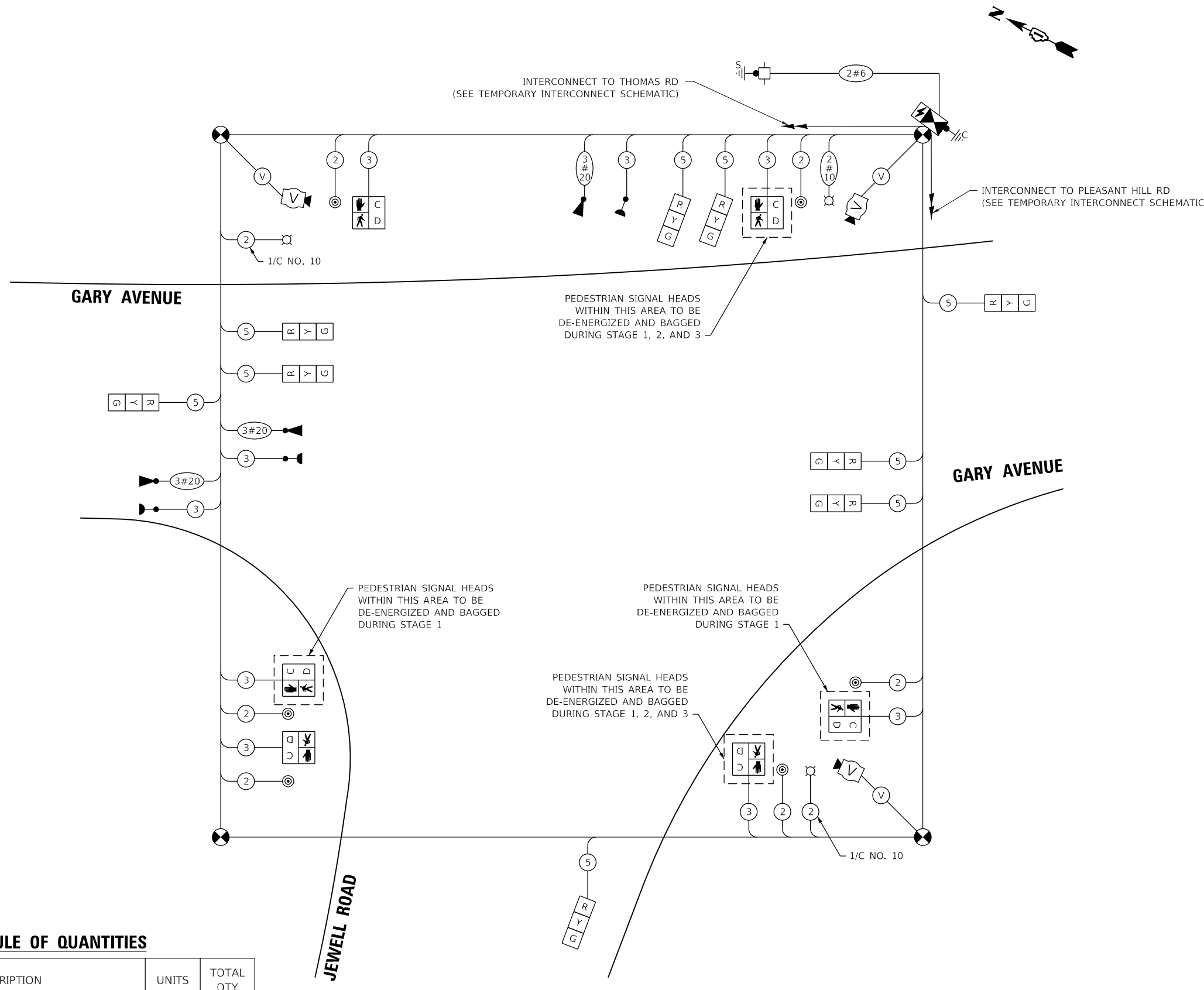
TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL			
3-SECTION	9	11	99
4-SECTION	-	14	-
5-SECTION	-	12	-
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	-	20
	VIDEO	3	20
			60
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			424
UPS CHARGING	-	225	-
BATTERY HEATER MAT	-	180	-
CABINET HEATER	-	200	-
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	2	240	480
TOTAL SERVICE WIRE SIZING			904

ENERGY COSTS TO:
CITY OF WHEATON
 303 W WESLEY STREET
 WHEATON, IL 60187-0727

ENERGY SUPPLY:
 CONTACT: AMANDA STEWART
 PHONE: (844) 636-3749
 COMPANY: CONSTELLATION NEWENERGY, INC
 8234952 (CONSTELLATION) /
 ACCOUNT NUMBER: 0375118031 (COMED)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	191
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REBUILD EXISTING HANDHOLE (SPECIAL)	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	7



CABLE PLAN
(NOT TO SCALE)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

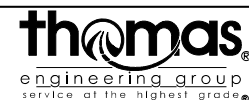
**TEMPORARY TRAFFIC SIGNAL CABLE PLAN
AND SCHEDULE OF QUANTITIES
GARY AVENUE AT JEWELL ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	162
CONTRACT NO. 61K32				

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

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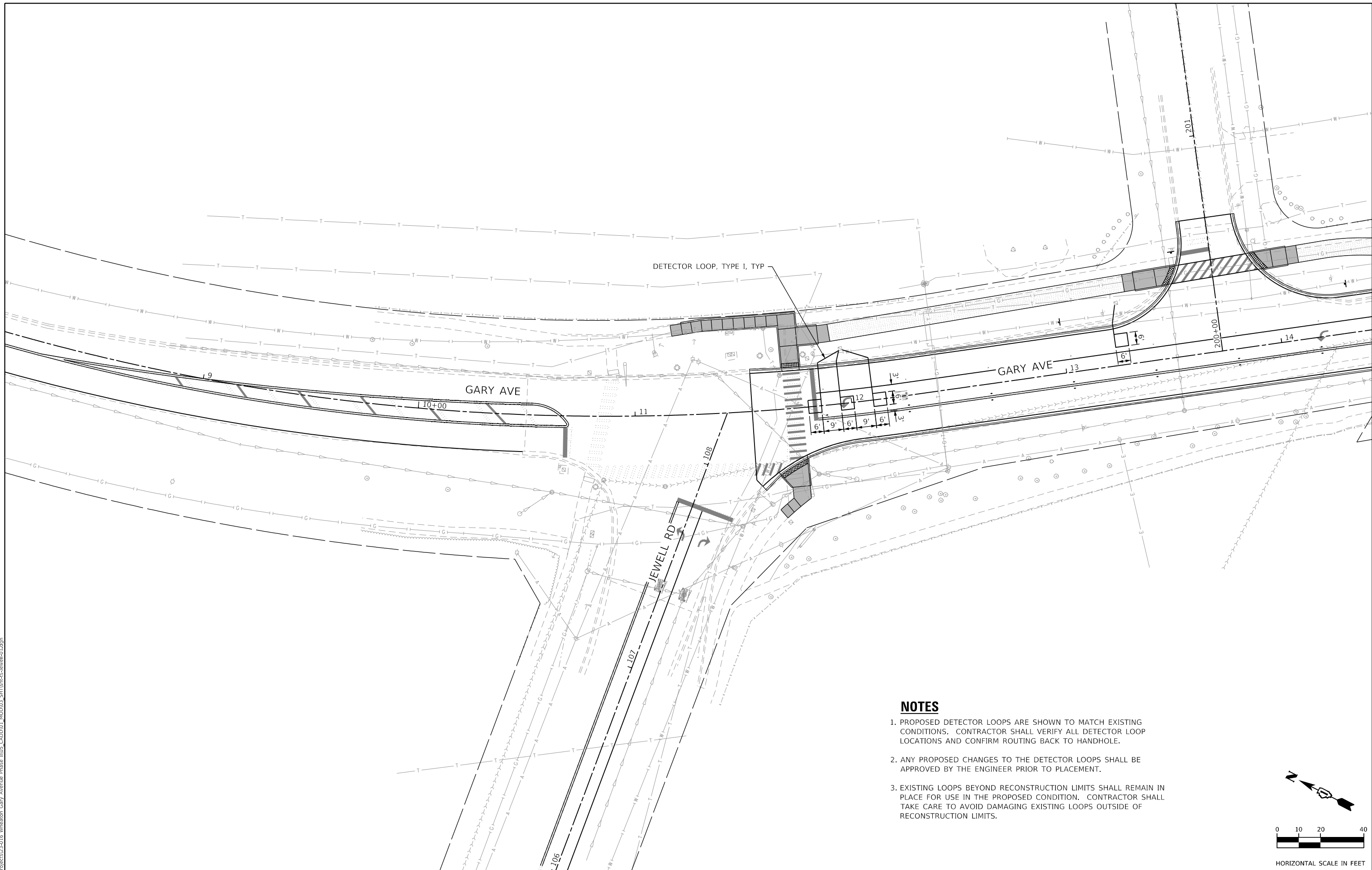


USER NAME = KyleVZ
 PLOT SCALE = 40.0000 ' / in.
 PLOT DATE = 3/18/2024

DESIGNED - KVZ
 DRAWN - JBH
 CHECKED - JMY
 DATE - 02/14/2024

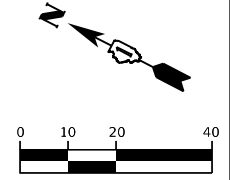
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 REVISED -

MODEL: Default
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NOTES

1. PROPOSED DETECTOR LOOPS ARE SHOWN TO MATCH EXISTING CONDITIONS. CONTRACTOR SHALL VERIFY ALL DETECTOR LOOP LOCATIONS AND CONFIRM ROUTING BACK TO HANDHOLE.
2. ANY PROPOSED CHANGES TO THE DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.
3. EXISTING LOOPS BEYOND RECONSTRUCTION LIMITS SHALL REMAIN IN PLACE FOR USE IN THE PROPOSED CONDITION. CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGING EXISTING LOOPS OUTSIDE OF RECONSTRUCTION LIMITS.



HORIZONTAL SCALE IN FEET



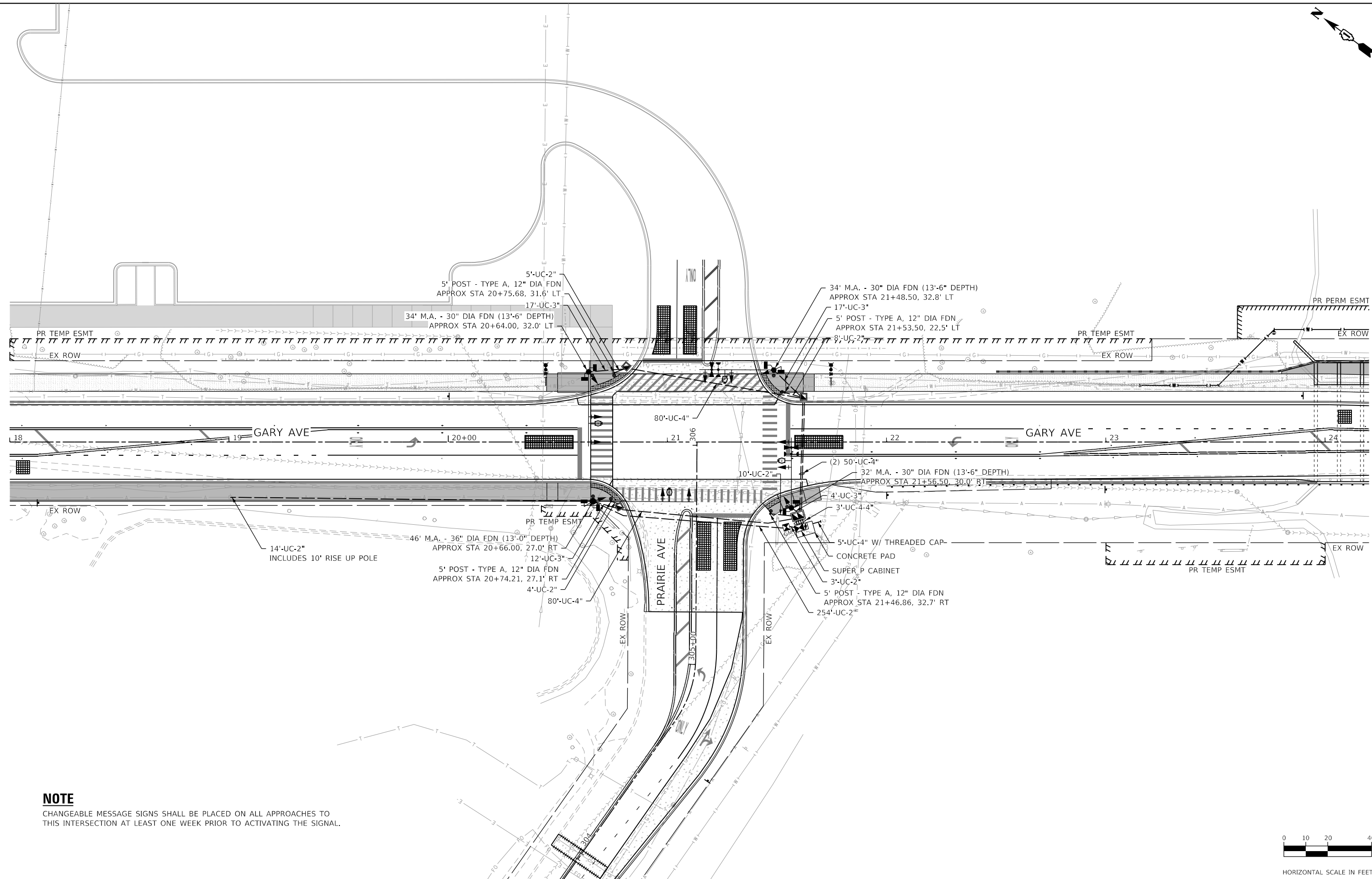
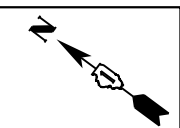
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	DRAWN - JBH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
 GARY AVENUE AT JEWELL ROAD**

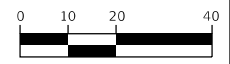
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	163
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				



NOTE

CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ON ALL APPROACHES TO THIS INTERSECTION AT LEAST ONE WEEK PRIOR TO ACTIVATING THE SIGNAL.



HORIZONTAL SCALE IN FEET

MODEL: Default
FILE NAME: I:\05\SEC03-016 Whitson Gary Avenue Phase II\05_CADD\01_MDD\03_SHT\TSP-Gary-01.dgn



USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
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PLOT DATE = 2/20/2024	DATE - 02/14/2024	REVISED -

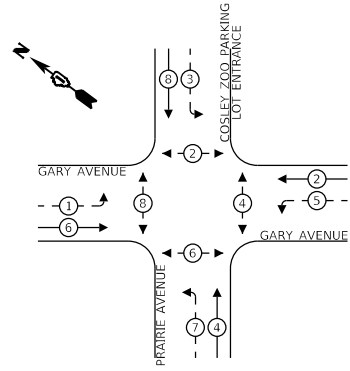
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
GARY AVENUE AT PRAIRIE AVENUE**

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

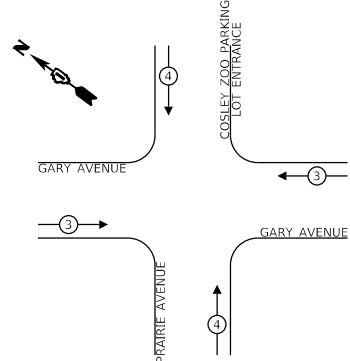
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	164
			CONTRACT NO. 61K32	
		ILLINOIS	FED. AID PROJECT	

PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ⊙ - PROTECTED PHASE
 - ⊙ - PROTECTED/PERMITTED PHASE
 - ⊙ - PEDESTRIAN PHASE

**PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



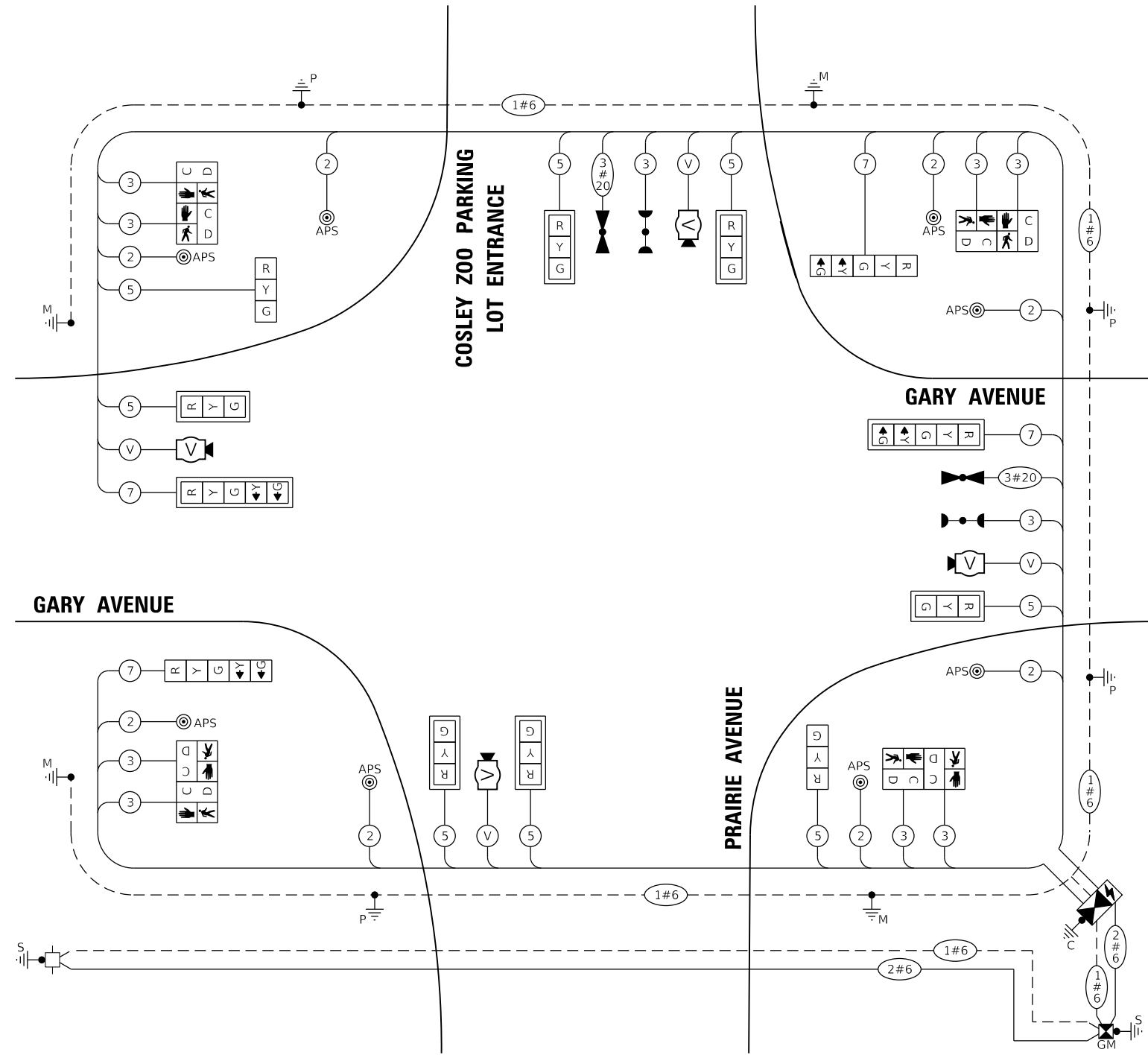
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL			
3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	4	12	48
PROGRAMMABLE SIGNALS			
3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL			
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	20	-
	VIDEO	20	80
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			511
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1116

ENERGY COSTS TO:
CITY OF WHEATON
303 W WESLEY STREET
WHEATON, IL 60187-0727

ENERGY SUPPLY:
CONTACT: AMANDA STEWART
PHONE: (844) 636-3749
COMPANY: CONSTELLATION NEWENERGY, INC
8234952 (CONSTELLATION) /
ACCOUNT NUMBER: 0375118031 (COMED)



CABLE PLAN
(NOT TO SCALE)

NOTE
CONTRACTOR TO INSTALL "EAGLE" BRAND TRAFFIC SIGNAL CONTROLLER.

MODEL: D:\p\h\... FILE NAME: 20-00123-00-16 WHEATON Gary Avenue Phase II-03 CAD001 MOD003 SUTLER-Gary-02.dwg



USER NAME = KyleVZ
PLOT SCALE = 40.0000 "/in.
PLOT DATE = 2/20/2024

DESIGNED - KVZ
DRAWN - JBH
CHECKED - JMY
DATE - 02/14/2024

REVISED -
REVISED -
REVISED -
REVISED -

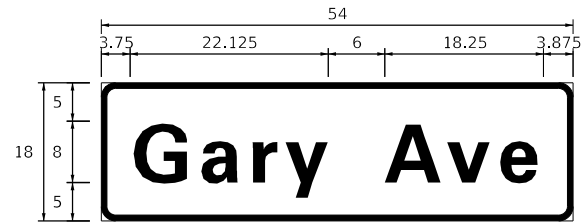
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
GARY AVENUE AT PRAIRIE AVENUE
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	165
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1

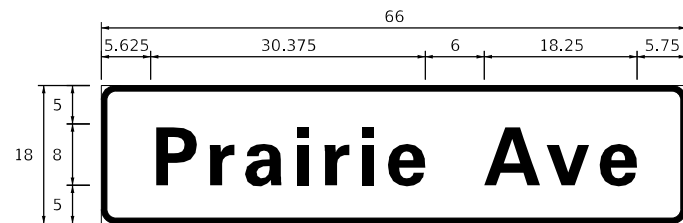
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.75	1	ZZ	2

SIGN PANEL – TYPE 1

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	8.25	1	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 1	SQ FT	30
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	297
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	50
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	272
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	893
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1181
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1165
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	554
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	304
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	632
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	41
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	225
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	4
UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

MODEL: D:\p4\it... FILE NAME: I:\projects\2024\16 Wheaton Gary Avenue Phase II\05_CADD\01_MODEL\03_SIGN\14-Gary-03.dgn



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PLOT SCALE = 40.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
GARY AVENUE AT PRAIRIE AVENUE**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	166
			CONTRACT NO. 61K32	
		ILLINOIS	FED. AID PROJECT	



FOR INFORMATION ONLY

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	DATE - 02/14/2024	REVISED -

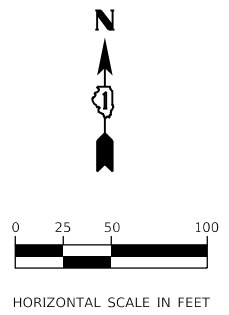
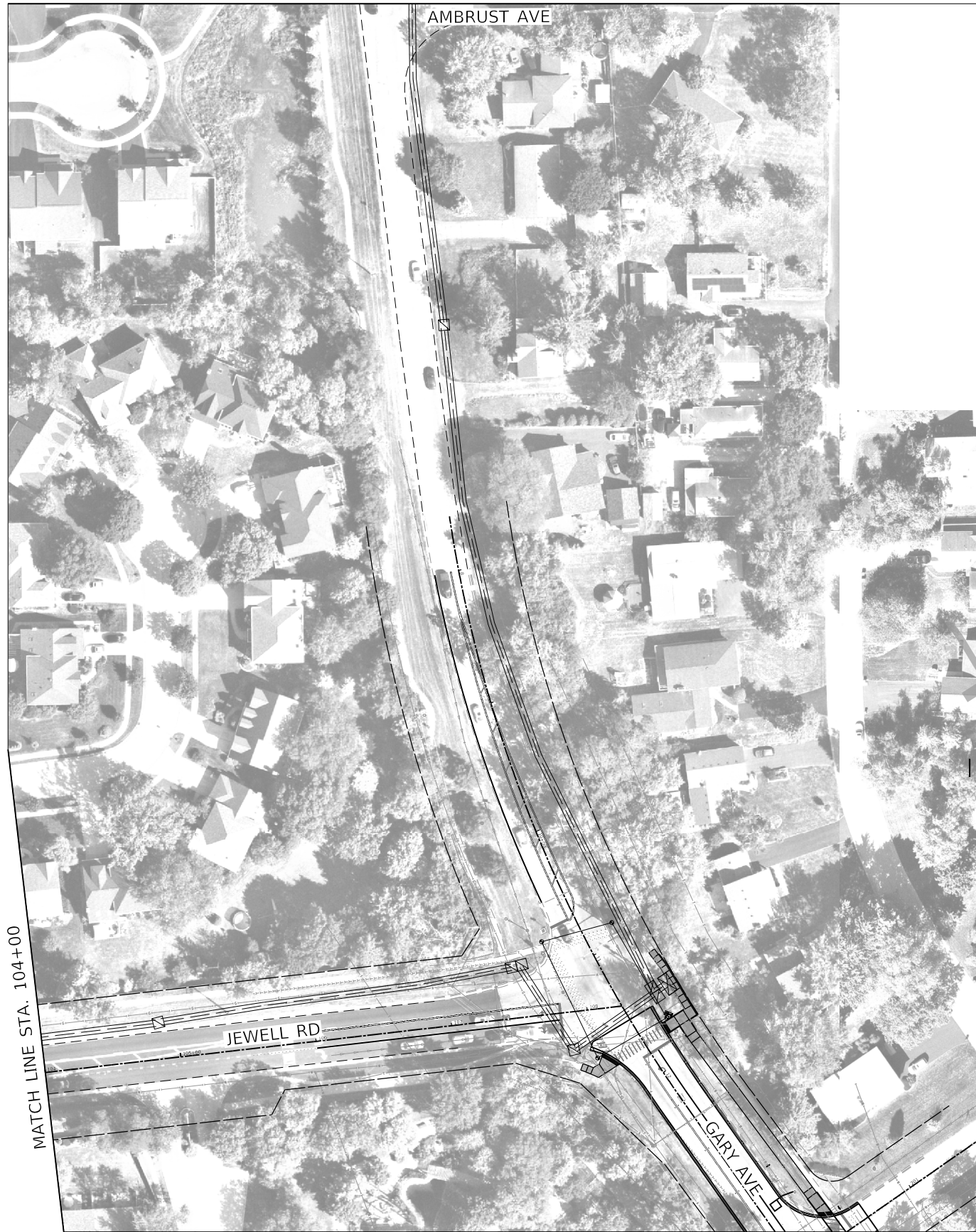
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY INTERCONNECT PLAN

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

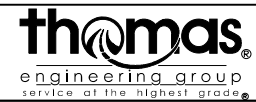
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	167
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

MATCH LINE C-C



FOR INFORMATION ONLY

MODEL: Default
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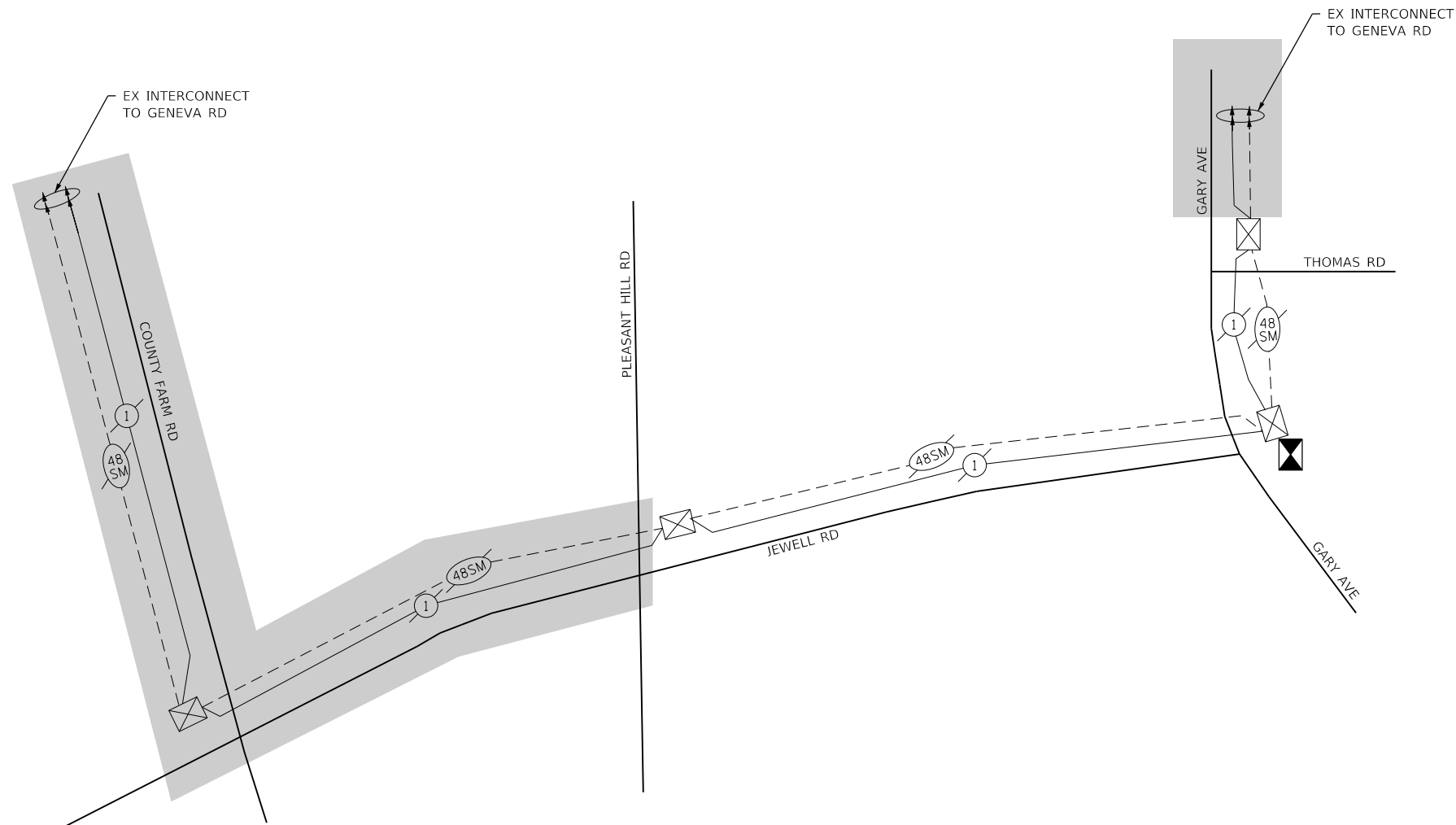
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DRAWN - JBH	REVISED -	
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PLOT DATE = 3/19/2024	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	168
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				



LEGEND

EXISTING	PROPOSED	
		ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C
		FIBER OPTIC CABLE, NO. 62.5/125 MM12F
		FIBER OPTIC CABLE, NO. 62.5/125 MM12F SM12F
		FIBER OPTIC CABLE, NO. 62.5/125 MM12F SM24F
		FIBER OPTIC CABLE, 24 SINGLE MODE
		FIBER OPTIC CABLE, 48 SINGLE MODE
		FIBER OPTIC CABLE, 36 SINGLE MODE
		PAN, TILT, ZOOM (PTZ) CAMERA
		OUTSIDE PROJECT LIMITS
		LAYER III SWITCH
		TRAFFIC SIGNAL CONTROLLER
		TEMPORARY TRAFFIC SIGNAL CONTROLLER
		WIRELESS INTERCONNECT

TEMPORARY INTERCONNECT WORK NOTES

1. CONTRACTOR SHALL RUN A 2-INCH CNC CONDUIT BETWEEN EXISTING DOUBLE HANDHOLE OF TRAFFIC SIGNAL CABINET TO THE TEMPORARY SIGNAL CABINET.
2. CONTRACTOR SHALL RELOCATE EXISTING FIBER OPTIC SWITCH TO TEMPORARY SIGNAL CABINET.
3. CONTRACTOR SHALL INSTALL 2 PAIRS OF SC TO LC JUMPER CABLES LONG ENOUGH TO SPAN THE LENGTH OF THE EXISTING SIGNAL CABINET'S FIBER INTERFACE PANEL TO THE RELOCATED FIBER SWITCH IN THE TEMPORARY SIGNAL CABINET.
4. CONTRACTOR REMAINS RESPONSIBLE FOR TEMPORARY CONTROLLER, VIDEO DETECTION AND ASSOCIATED NETWORK CONFIGURATIONS.
5. CONTRACTOR WILL REMAIN RESPONSIBLE FOR RELOCATING FIBER SWITCH AND REESTABLISHING PREEXISTING NETWORKING CONNECTIONS AND CONFIGURATIONS UPON THE TEMPORARY TRAFFIC SIGNAL AND TEMPORARY INTERCONNECT NO LONGER BEING REQUIRED.

MODEL: Default
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	DRAWN - JBH	REVISED -
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PLOT DATE = 3/18/2024	DATE - 02/14/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY INTERCONNECT SCHEMATIC

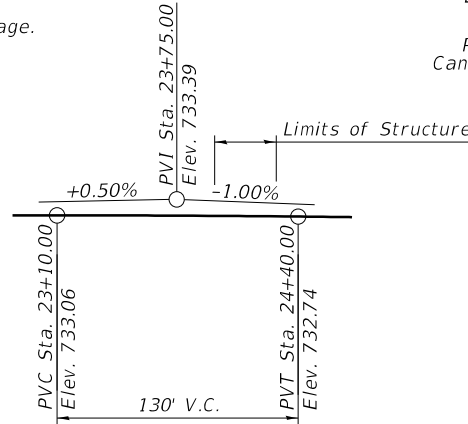
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	169
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

Benchmark: Arrow bolt on hydrant on east side of Gary Avenue, south of culvert over Winfield Creek, Elev. 733.26.

Existing Structure: SN 022-0169 is a triple cell cast-in-place concrete culvert. The total length out-to-out of headwalls is 46'-3 7/8". The cells have a clear opening of 9'-0" and a clear height of 8'-0" each. The structure has no skew. The culvert has flared wingwalls. The original construction date is 1999. The structure is to remain and a 10'-0" extension will be constructed at the east end under full closure using a detour.

No Salvage.



PROFILE GRADE
(along Gary Ave.)

WINFIELD CREEK
RE-BUILT BY
CITY OF WHEATON
SEC. 20-00123-00-PV
STATION 24+11.55
STRUCTURE NO. 022-0169
LOADING HL-93

NAME PLATE
See Std. 515001
(Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.)

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

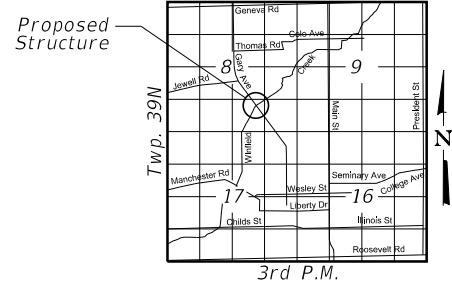
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

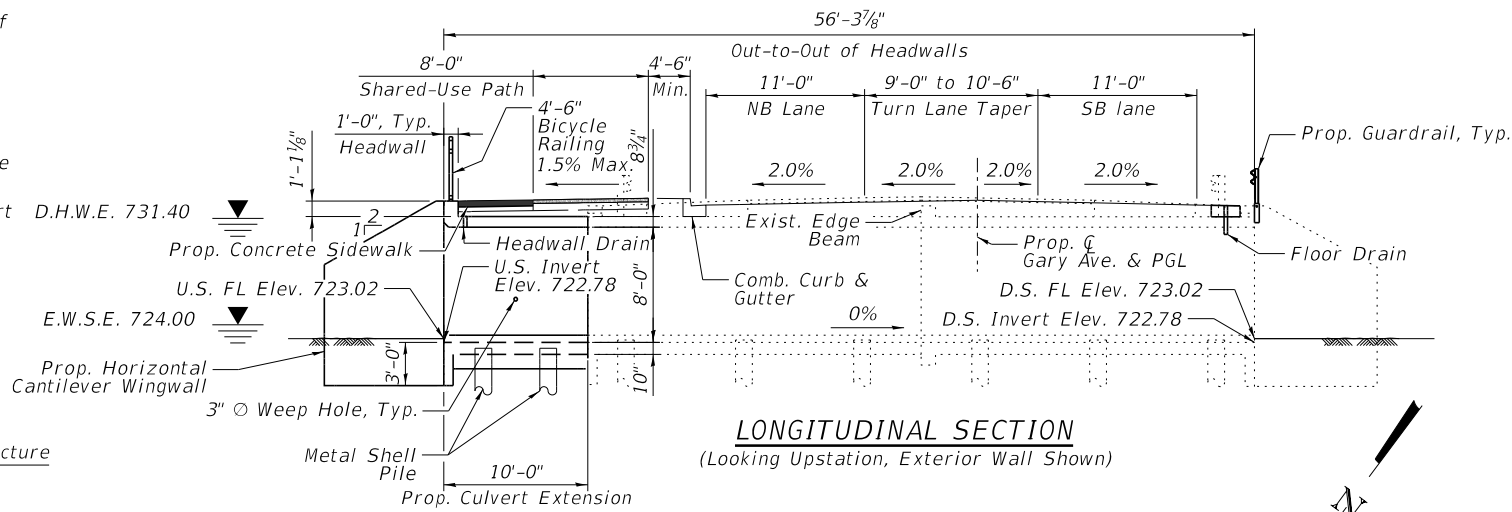
FIELD UNITS

$f'_c = 3,500$ psi (Culvert)
 $f'_c = 4,000$ psi (Superstructure)
 $f_y = 60,000$ psi (Reinforcement)

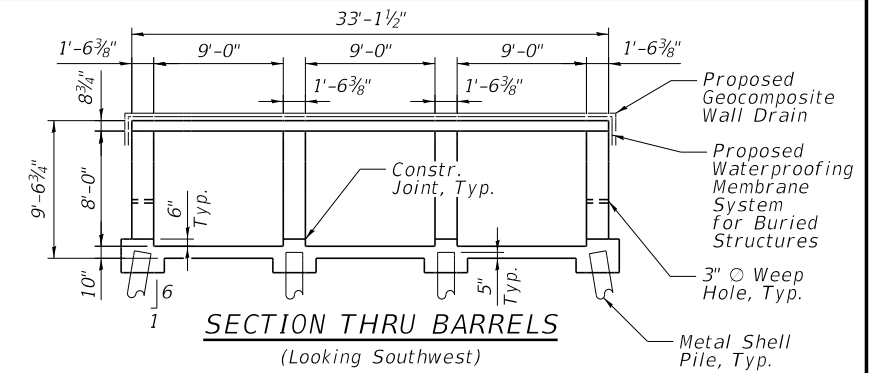
Range 10E



LOCATION SKETCH



LONGITUDINAL SECTION
(Looking Upstation, Exterior Wall Shown)



SECTION THRU BARRELS

(Looking Southwest)

WATERWAY INFORMATION

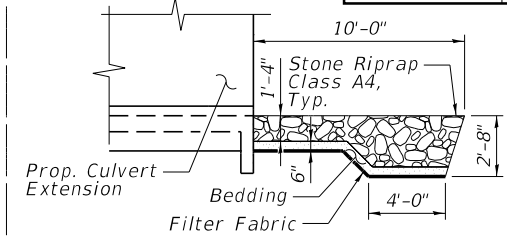
Drainage Area = 4.6 sq. mi. Exist. Low Grade Elev. 731.63 @ Sta. 27+00
Prop. Low Grade Elev. 731.54 @ Sta. 26+22

Flood	Freq. Yr.	Q C.F.S.	Opening Ft ²		*Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Ten-Year	10	226	216	216	730.75	0.02	0.02	730.76	730.76
Design	50	291	216	216	731.40	0.03	0.03	731.43	731.43
Base	100	318	216	216	732.05	0.03	0.03	732.08	732.08
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	424	216	216	734.00	0.00	0.00	734.00	734.00

2-Yr. Flow = 174 C.F.S.
* Upstream face of culvert.

DESIGN SCOUR ELEVATION TABLE

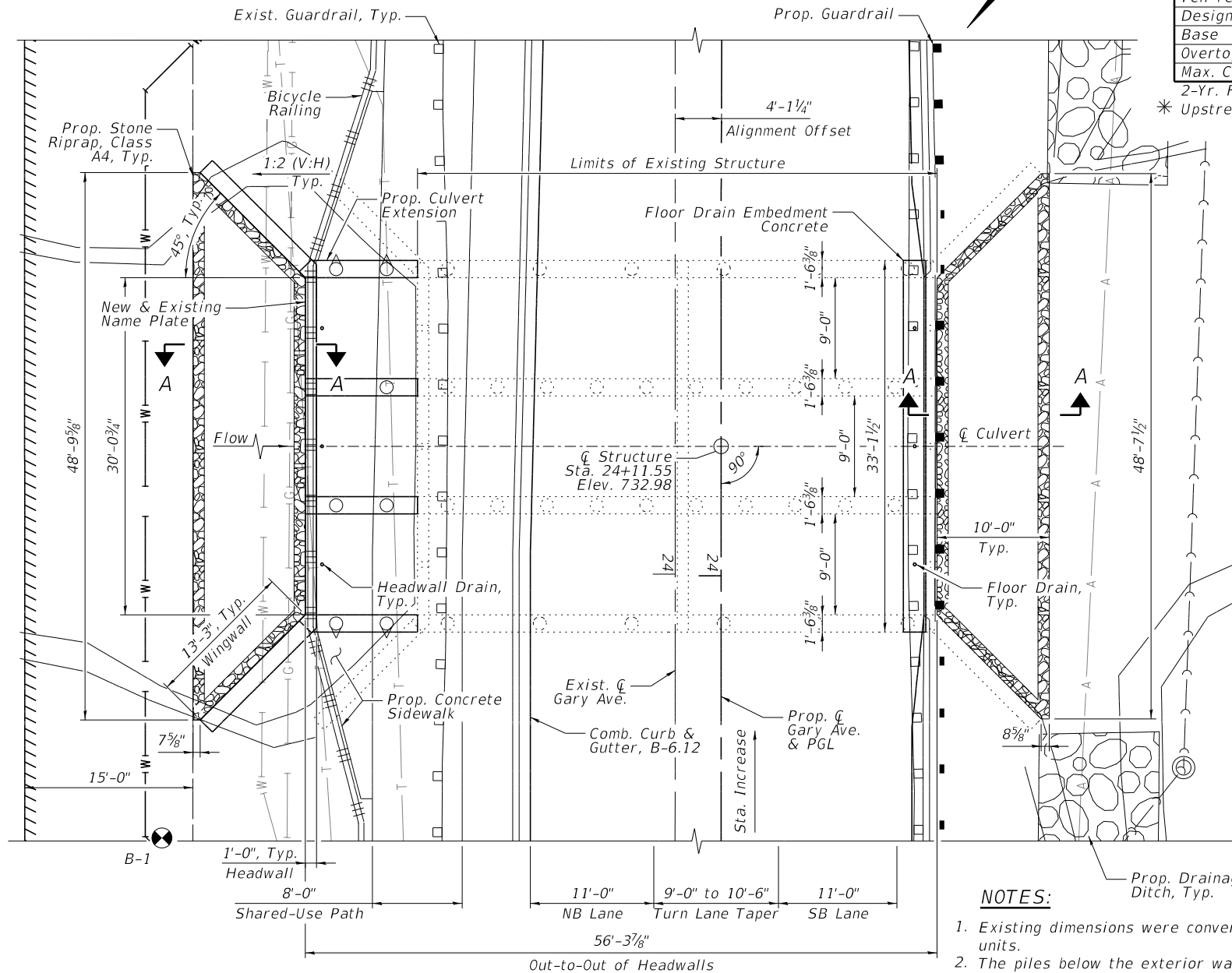
Design Scour Elevation (Ft.)	D.S. Invert	U.S. Invert
	719.78	719.78



SECTION A-A

LEGEND

- Indicates Soil Boring Location and Number
- Exist. Aerial Cable
- Prop. Underground Water Main
- Exist. Underground Water Main (To be Relocated)
- Exist. Underground Gasline (To be Relocated)
- Exist. Underground Telephone (To be Relocated)
- Exist. Sanitary Sewer
- Exist. ROW
- Prop. Permanent Easement
- Prop. Temporary Easement



PLAN

NOTES:

- Existing dimensions were converted from Metric to English units.
- The piles below the exterior walls are to be battered outward.
- Precast alternate is not allowed.
- The top and bottom slabs of multiple cell box culvert extensions should be designed as continuous members.
- See Sheets S10 and S11 for guardrail attachment to culvert.

EXPIRATION DATE 11-30-2024
DATE: 01-15-2024

GENERAL PLAN AND ELEVATION
GARY AVENUE OVER WINFIELD CREEK
F.A.U. RTE. 2561 - SEC. 20-00123-00-PV
DUPAGE COUNTY
STATION 24+11.55
STRUCTURE NO. 022-0169
PUBLIC WATERS

benesch
Alfred Benesch & Company
1230 East Diehl Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

FILE NAME	USER NAME	DESIGNED	REVISIONS
1 - 10834.GP&E.dgn	bmoreno	DESIGNED - BSM	REVISIONS -
		CHECKED - JHG	REVISIONS -
		DRAWN - KMS	REVISIONS -
		CHECKED - JHG	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 022-0169

SHEET NO. S1 OF S16 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	170
CONTRACT NO.			257	170
CONTRACT NO.			61K32	

ILLINOIS FED. AID PROJECT

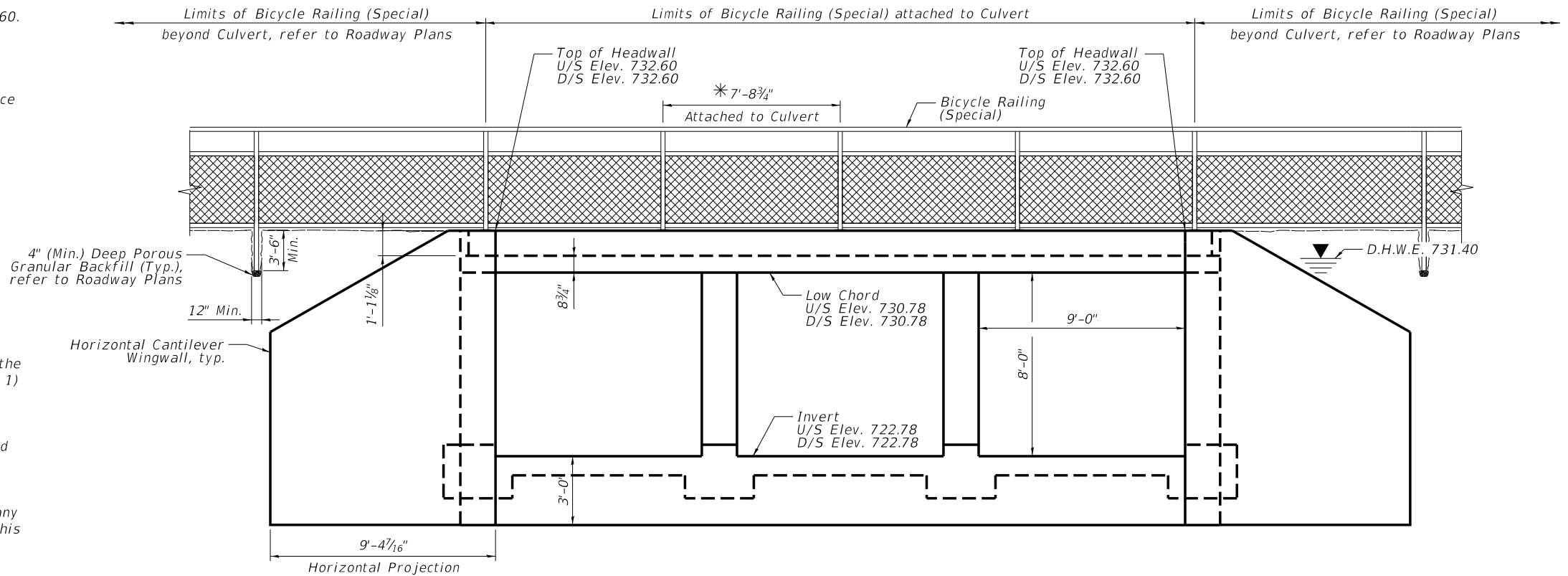
Y:\Chicago\10834\10834.00_GaryAveBridge\Eng_Docs_Phase-1\022-0169\Final\Sheets\1 - 10834.GP&E.dgn 1/14/25 AM 2/19/2024

GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Protective Coat shall not be applied to surfaces to which Waterproofing Membrane System is applied. It shall be applied to inside face and top face of the headwalls, and to the top 2 feet along the inside face and the top face of the wingwalls.
4. Class SI Concrete shall be used for cast-in-place concrete.
5. Exposed edges shall be beveled 3/4".
6. The quantity estimated for Porous Granular Embankment is based on an assumed 1:1 lay-back slope. However, the quantity for payment will be measured in the field.
7. All construction joints shall be bonded.
8. It shall be the responsibility of the contractor to divert the stream flow during construction in order to keep the construction area free of water. The method of the water diversion shall be subjected to the approval of the Engineer and the cost shall be included with the cost of Cofferdam (Type 1) (In-Stream/Wetland Work). See Special Provisions.
9. The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.
10. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
11. Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
POROUS GRANULAR EMBANKMENT	CU YD	122.0
STONE RIPRAP, CLASS A4	SQ YD	89
FILTER FABRIC	SQ YD	89
CONCRETE REMOVAL	CU YD	16.1
STRUCTURE EXCAVATION	CU YD	100.0
FLOOR DRAINS	EACH	3
CONCRETE SUPERSTRUCTURE	CU YD	2.0
PROTECTIVE COAT	SQ YD	25
REINFORCEMENT BARS, EPOXY COATED	POUND	16,710
FURNISHING METAL SHELL PILES 14"X0.250"	FOOT	385
DRIVING PILES	FOOT	385
TEST PILE METAL SHELLS	EACH	1
PILE SHOES	EACH	8
NAME PLATES	EACH	1
EXPANSION BOLTS 3/4 INCH	EACH	100
CONCRETE BOX CULVERTS	CU YD	61.6
GEOCOMPOSITE WALL DRAIN	SQ YD	220
WEAK POST GUARDRAIL ATTACHED TO CULVERT, CASE II	FOOT	41
GUARDRAIL REMOVAL	FOOT	67
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	11
POROUS GRANULAR EMBANKMENT (SPECIAL)	CU YD	6.8
COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1
BICYCLE RAILING (SPECIAL)	FOOT	31
WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES	SQ YD	220



CULVERT ELEVATION
(Dimensions parallel to Prop. Gary Ave. & PGL)

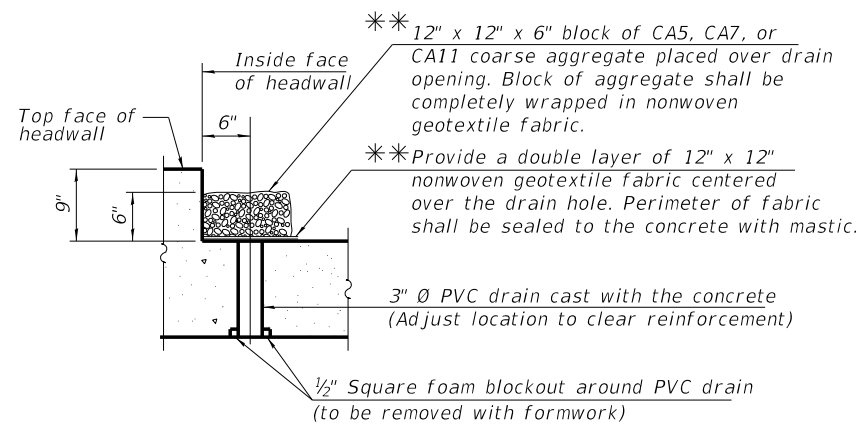
* See Sheet S8 for Bicycle Railing (Special) Details
The post location shall be adjusted by not more than ±3" to avoid headwall reinforcement.
The 7'-8 3/4" distance between two posts is shown as a guidance, to obtain a symmetrical layout of the posts.

INDEX OF SHEETS

- | | |
|--|--|
| S1 General Plan and Elevation | S9 Bicycle Railing Details |
| S2 General Data | S10 Weak Post Guardrail Details (1 of 2) |
| S3 Removal and Repair Details | S11 Weak Post Guardrail Details (2 of 2) |
| S4 Proposed Structure Earthwork Limits | S12 Pile Details |
| S5 Culvert Barrel Details (1 of 2) | S13 Soil Boring Logs |
| S6 Culvert Barrel Details (2 of 2) | S14 Existing Drawings (1 of 3) |
| S7 Culvert Wingwall Details | S15 Existing Drawings (2 of 3) |
| S8 Culvert Drainage Details | S16 Existing Drawings (3 of 3) |

LIST OF ABBREVIATIONS

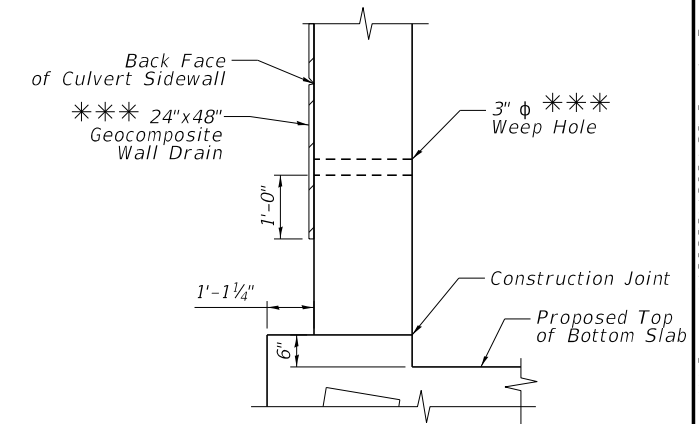
- Btm. = Bottom
E.F. = Each Face
I.F. = Interior Face
O.F. = Outer Face
B.F. = Back Face
F.F. = Front Face
D/S = Downstream
U/S = Upstream



DRAIN DETAIL
(3 locations)

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



WEEP HOLE DRAIN DETAIL

**Cost included in Concrete Box Culverts

benesch
Alfred Benesch & Company
1230 East Diehl Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

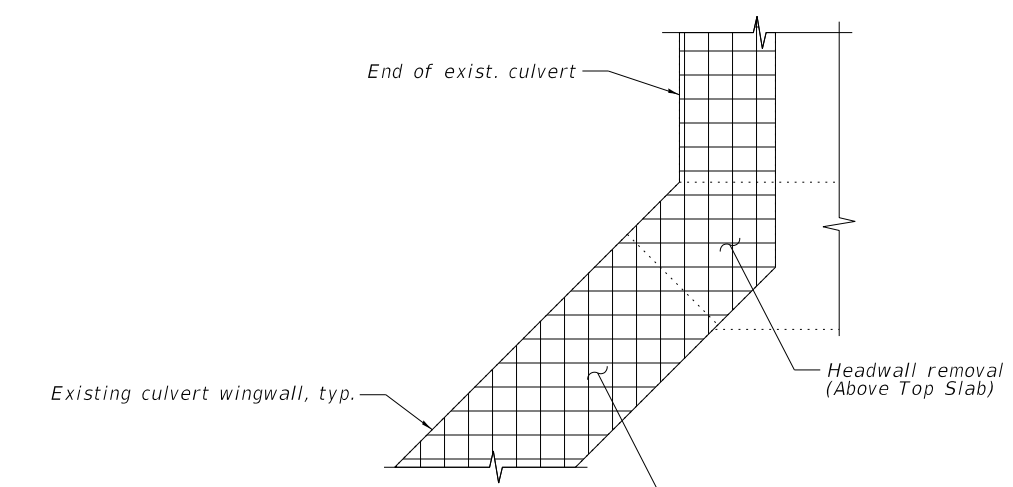
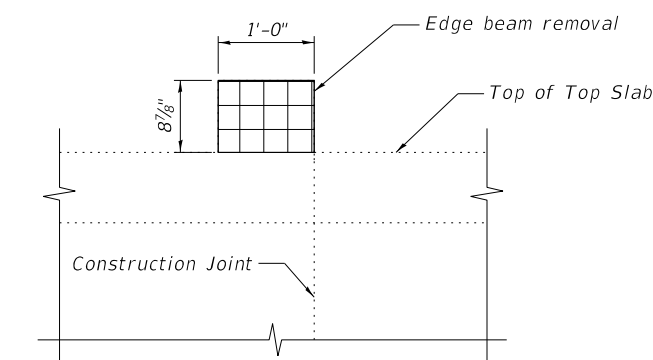
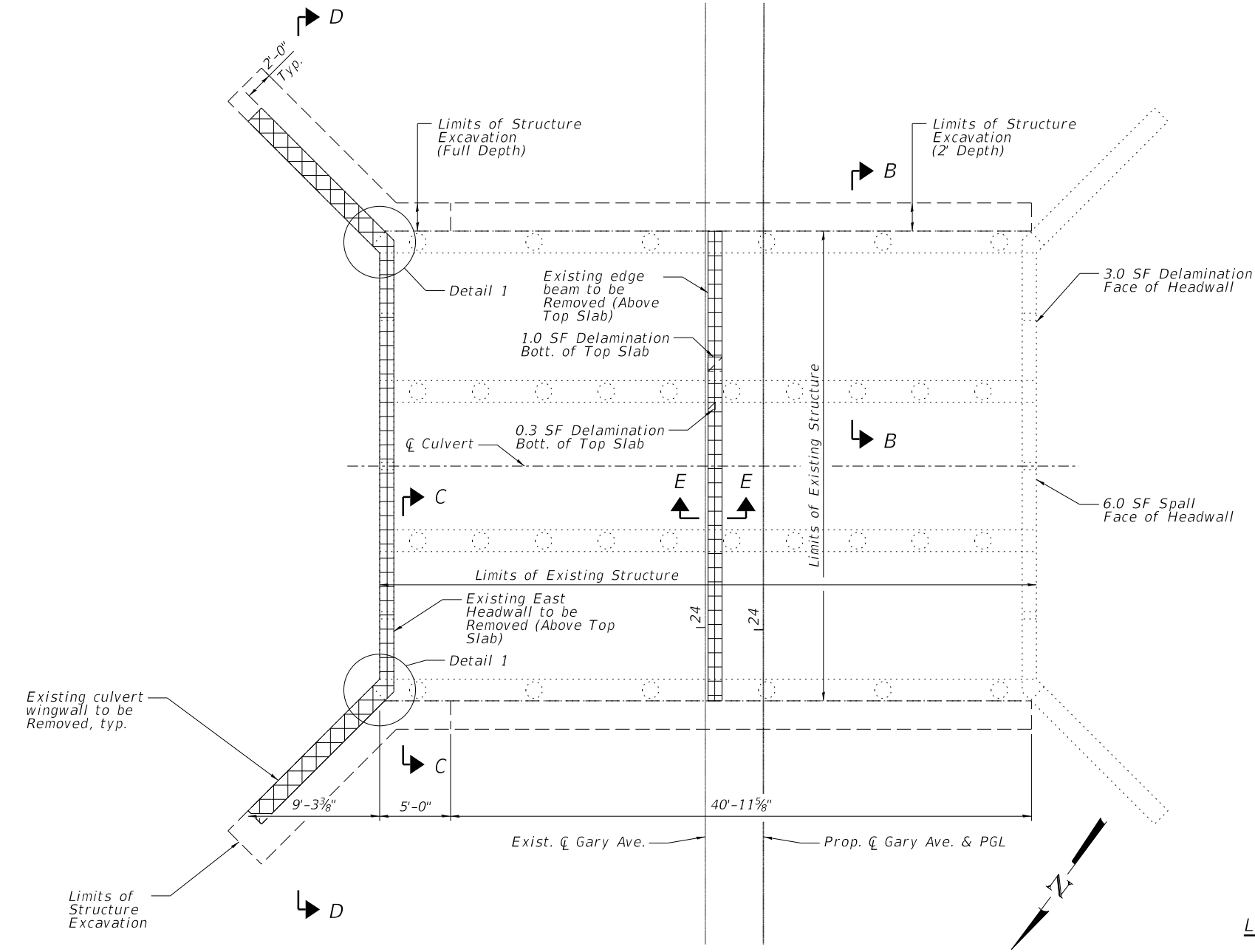
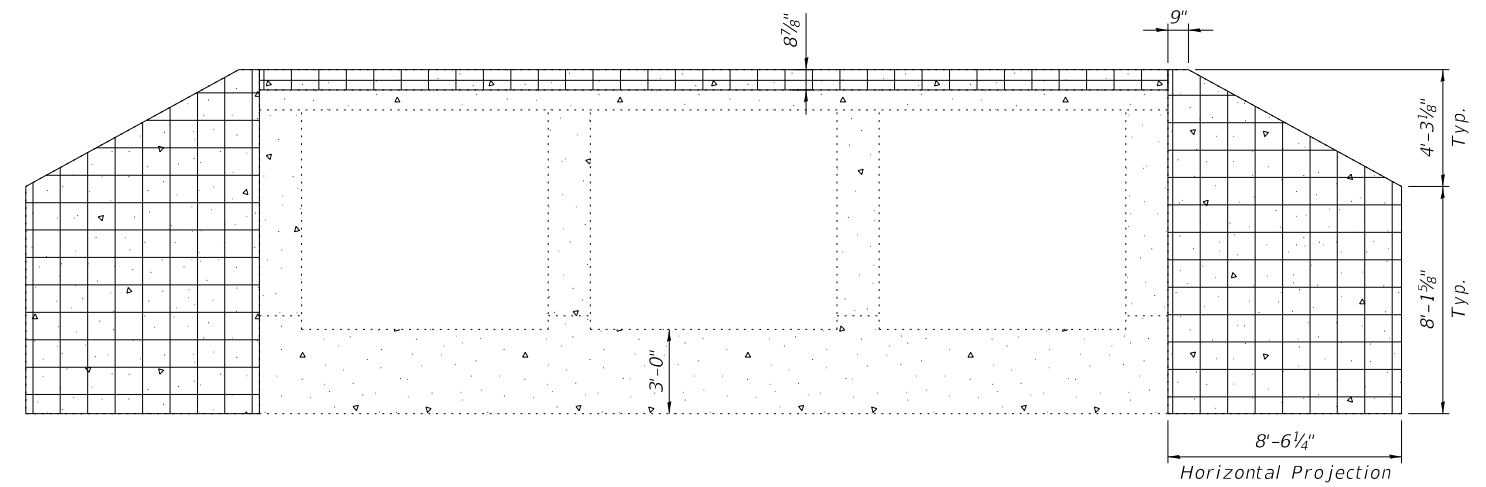
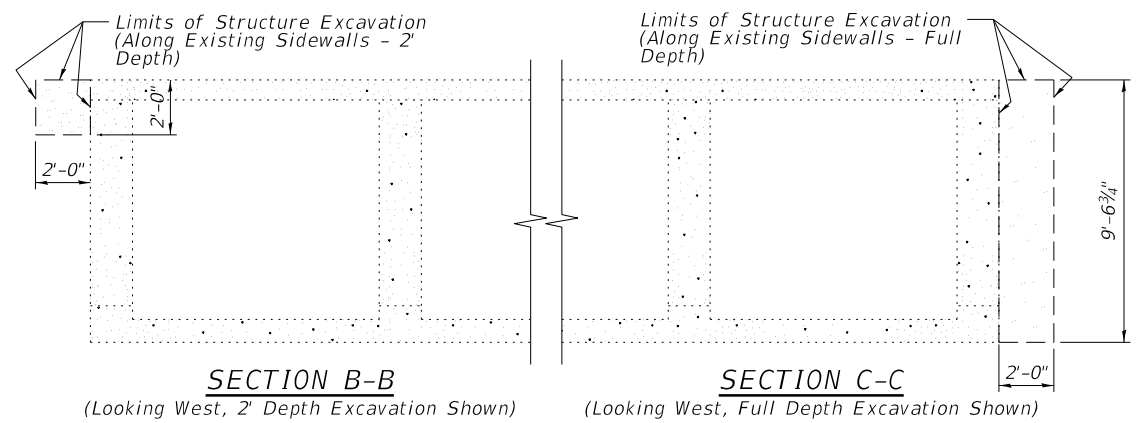
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	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 022-0169

SHEET NO. S2 OF S16 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	171
CONTRACT NO.			61K32	
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- Existing Structure
 - Concrete Removal
 - - - - - Limits of Structure Excavation

benesch
Alfred Benesch & Company
1230 East Diehl Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

FILE NAME =	USER NAME = bmoreno	DESIGNED - BSM	REVISED -
3 - 10834.Removal and Repair Details.dgn	PLOT SCALE =	CHECKED - JHG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

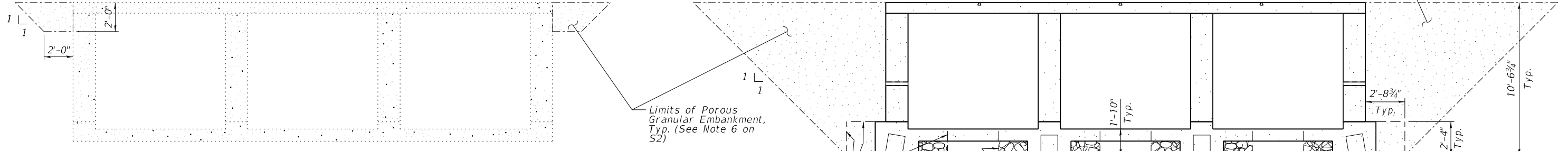
**REMOVAL AND REPAIR DETAILS
STRUCTURE NO. 022-0169**

SHEET NO. S3 OF S16 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			61K32	

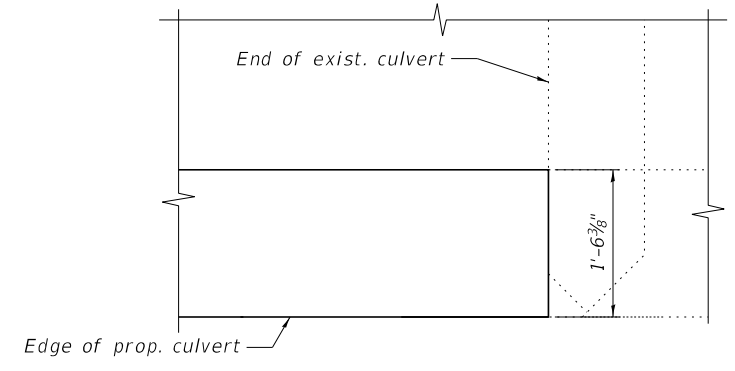
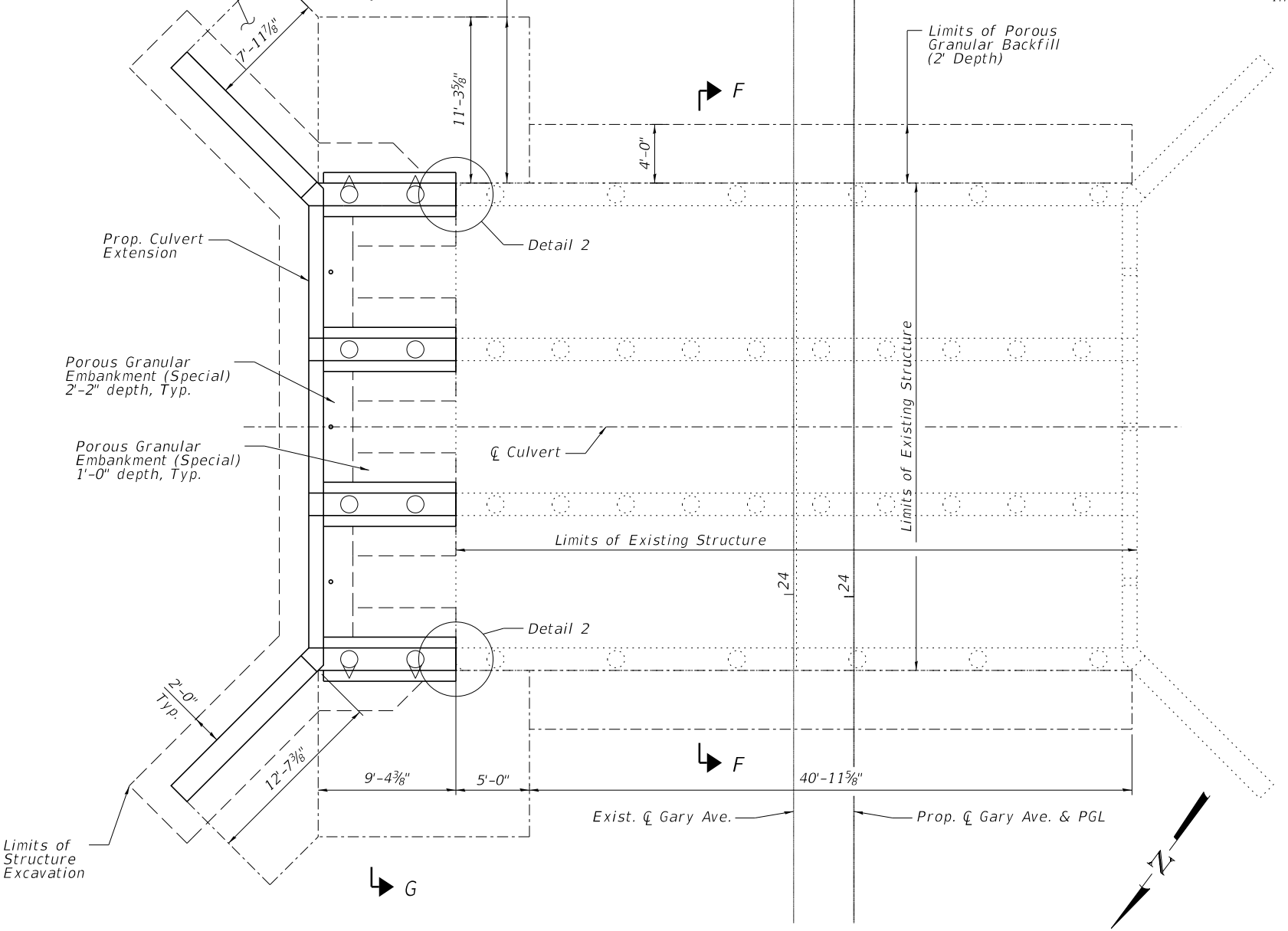
ILLINOIS FED. AID PROJECT

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SECTION F-F
(Looking West)

SECTION G-G
(Looking West)



DETAIL 2
(North Sidewall Shown, South Sidewall Mirrored)

LEGEND:

- Existing Structure
- Limits of Structure Excavation
- Limits of Porous Granular Embankment
- Porous Granular Embankment (Special)

PROPOSED STRUCTURE EARTHWORK LIMITS

benesch
Alfred Benesch & Company
1230 East Diehl Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

FILE NAME =	USER NAME = bmoreno	DESIGNED - BSM	REVISED -
4 - 10834_Proposed Structure Earthwork	SCALE =	CHECKED - JHG	REVISED -
	PLOT DATE = 2/13/2024	DRAWN - KMS	REVISED -
		CHECKED - JHG	REVISED -

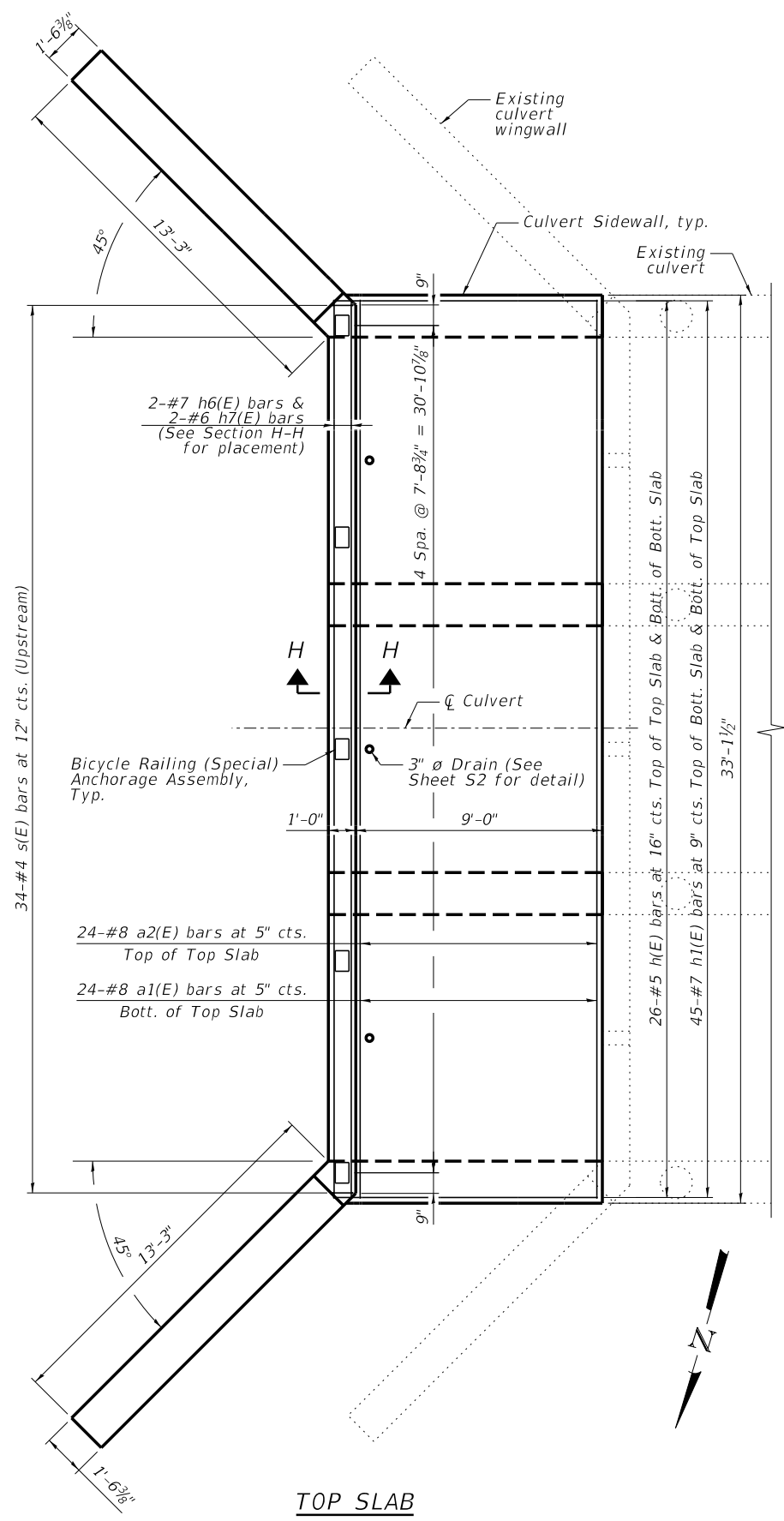
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED STRUCTURE EARTHWORK LIMITS
STRUCTURE NO. 022-0169

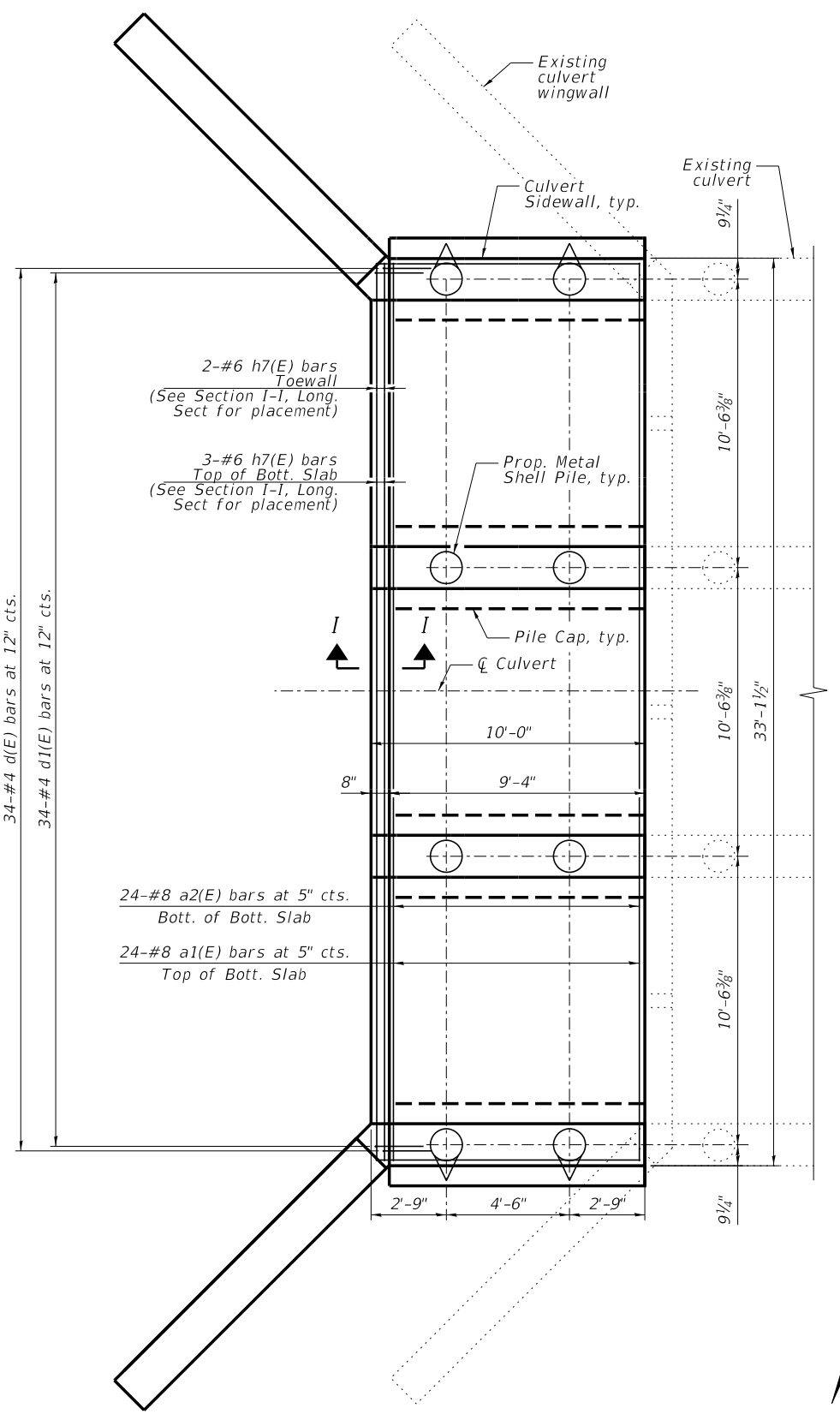
SHEET NO. S4 OF S16 SHEET

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	173
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K32	

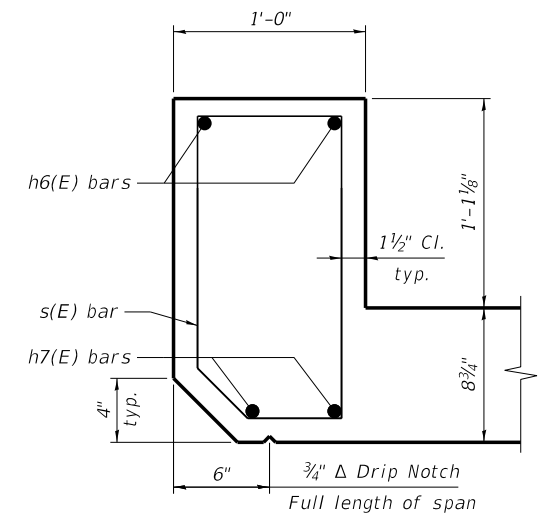
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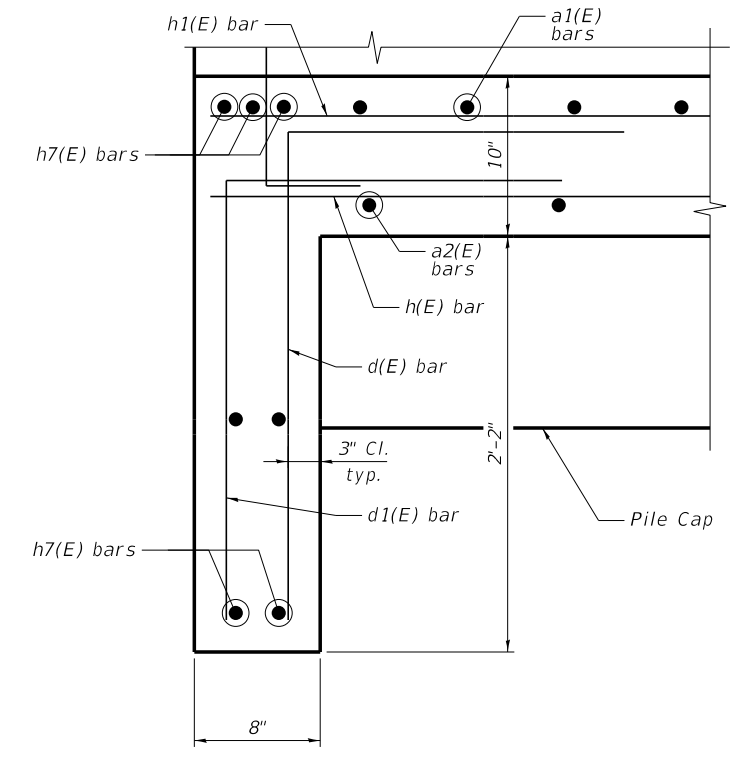
TOP SLAB



BOTTOM SLAB



SECTION H-H
SECTION THRU HEADWALL



SECTION I-I
SECTION THRU TOEWALL



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630-577-9100 Job No. 10834.01

FILE NAME =	USER NAME = bmoreno	DESIGNED - BSM	REVISED -
		CHECKED - JHG	REVISED -
5 - 10834_Culvert Barrel Details.dgn	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISED -

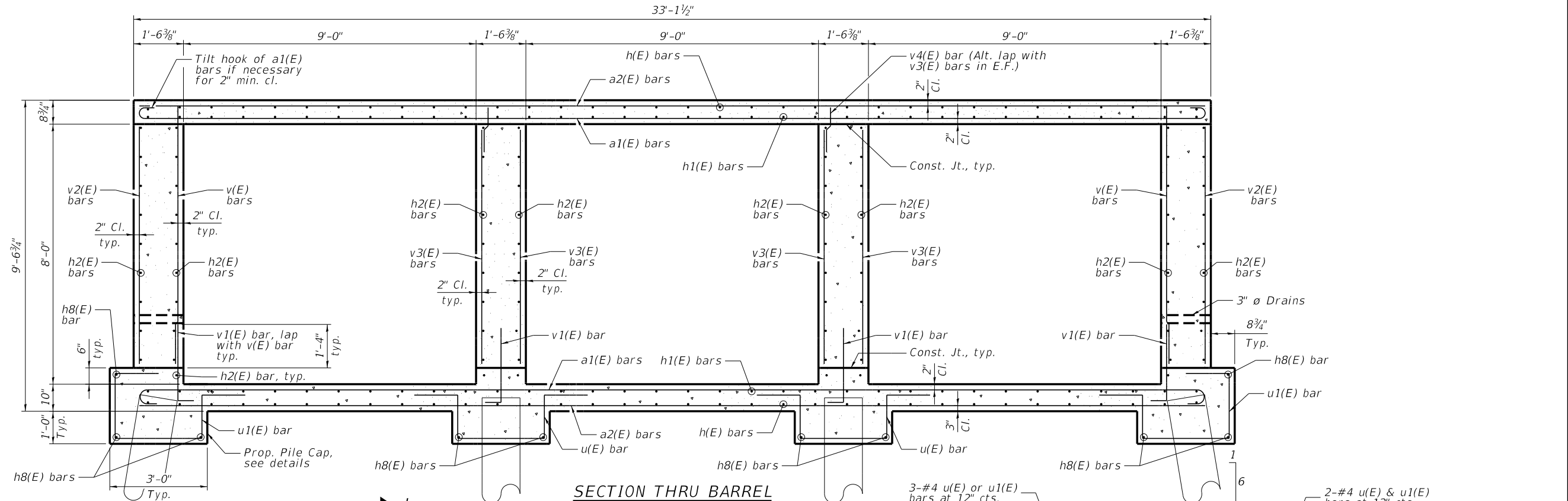
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT BARREL DETAILS (1 OF 2)
STRUCTURE NO. 022-0169

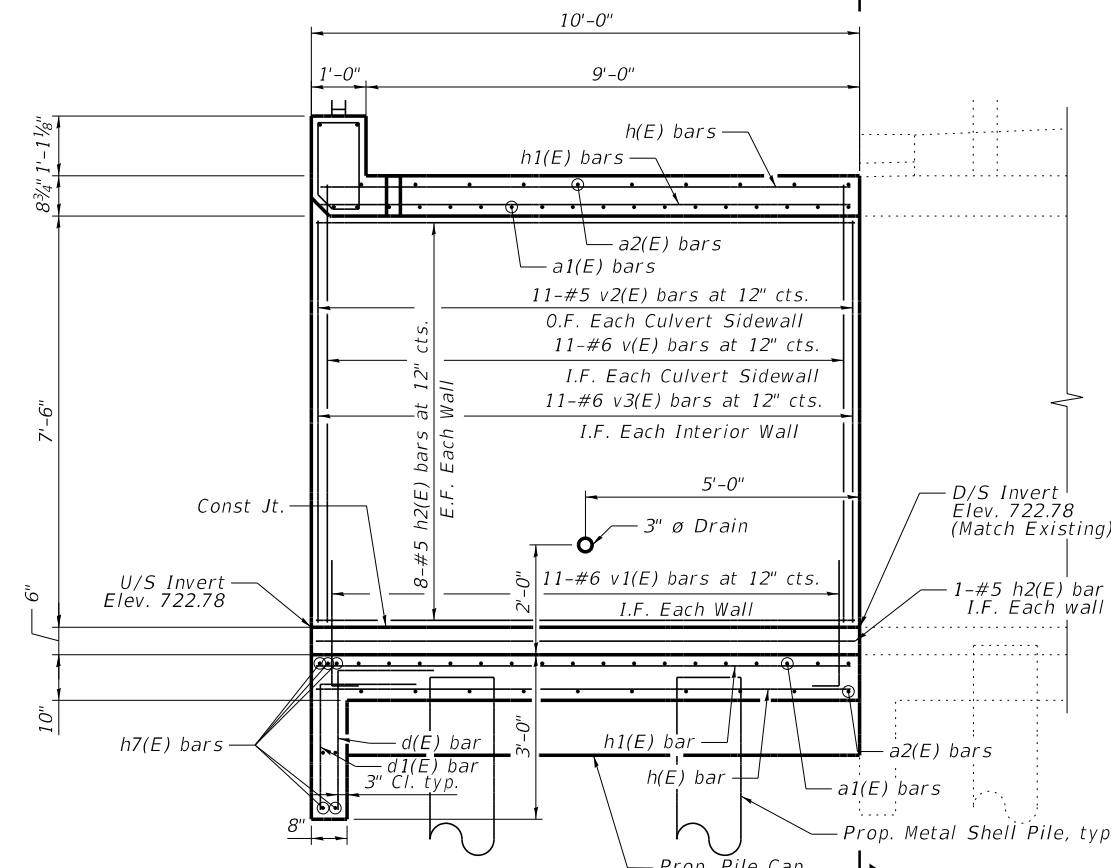
SHEET NO. S5 OF S16 SHEET

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	174
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K32	

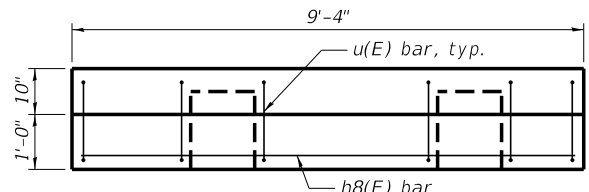
Y:\Chicago\10800S\10834.00_GaryAveBridge\Eng_Docs\Phase-1\022-0169\Final\Sheets\5 - 10834-Culvert Barrel Details.dgn 7:33:00 AM 2/13/2024



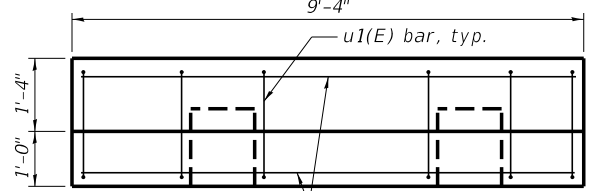
SECTION THRU BARREL



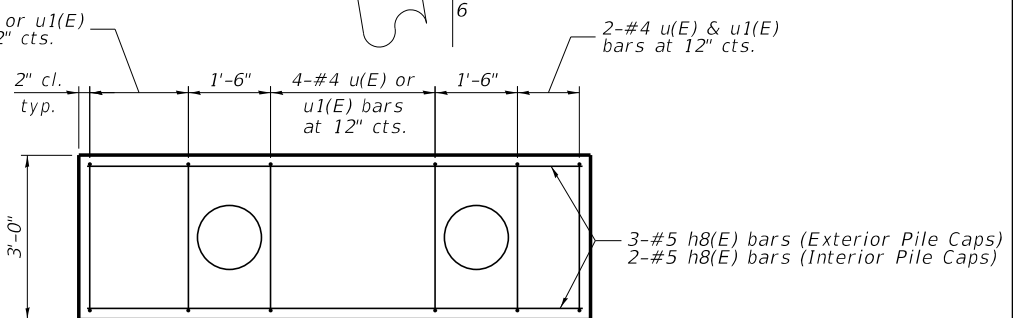
LONGITUDINAL SECTION
(Looking South)



INTERIOR PILE CAP ELEVATION



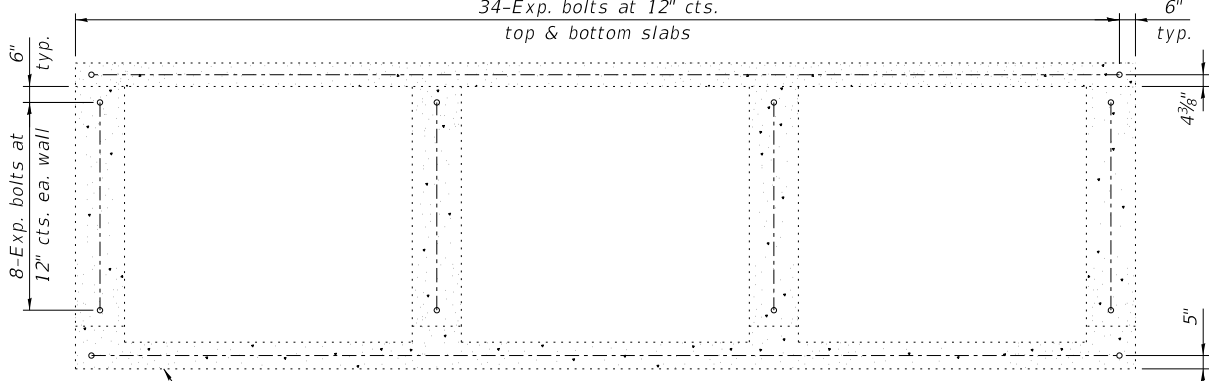
EXTERIOR PILE CAP ELEVATION



PILE CAP PLAN

PILE DATA

Pile Type and Size: 14 in. dia. x 1/4 in. walls with pile shoes
 Nominal Required Bearing: 416 kips
 Factored Resistance Available: 254 kips
 Estimated Pile Length: 55 feet
 Number of Piles Req'd: 7 plus 1 test pile



SECTION J-J

Note:
 Expansion bolts shall be 3/4" ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete and have sufficient embedment in the existing concrete to develop the tensile strength of the bolt.

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6 - 10834_Culvert Barrel Details.dgn	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

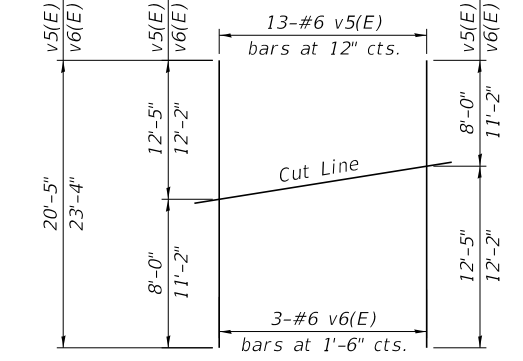
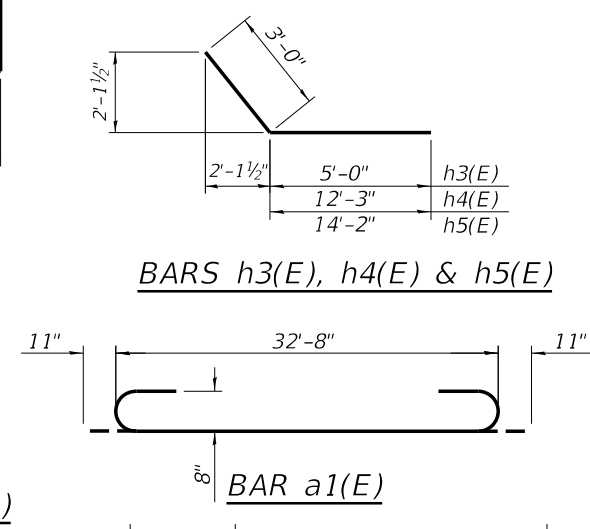
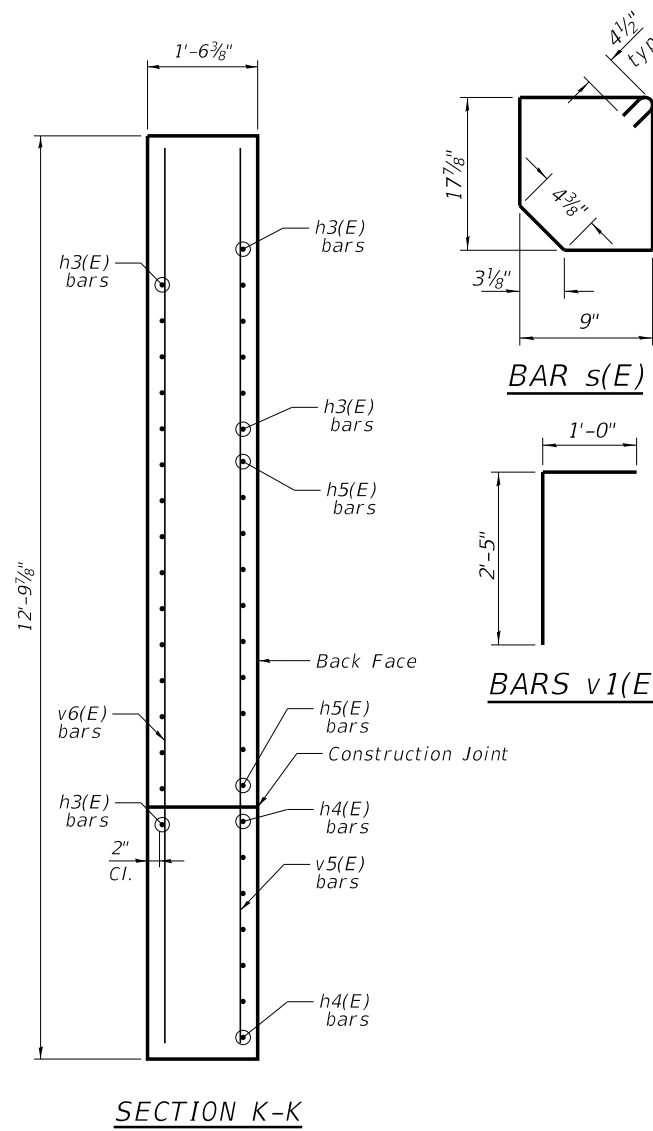
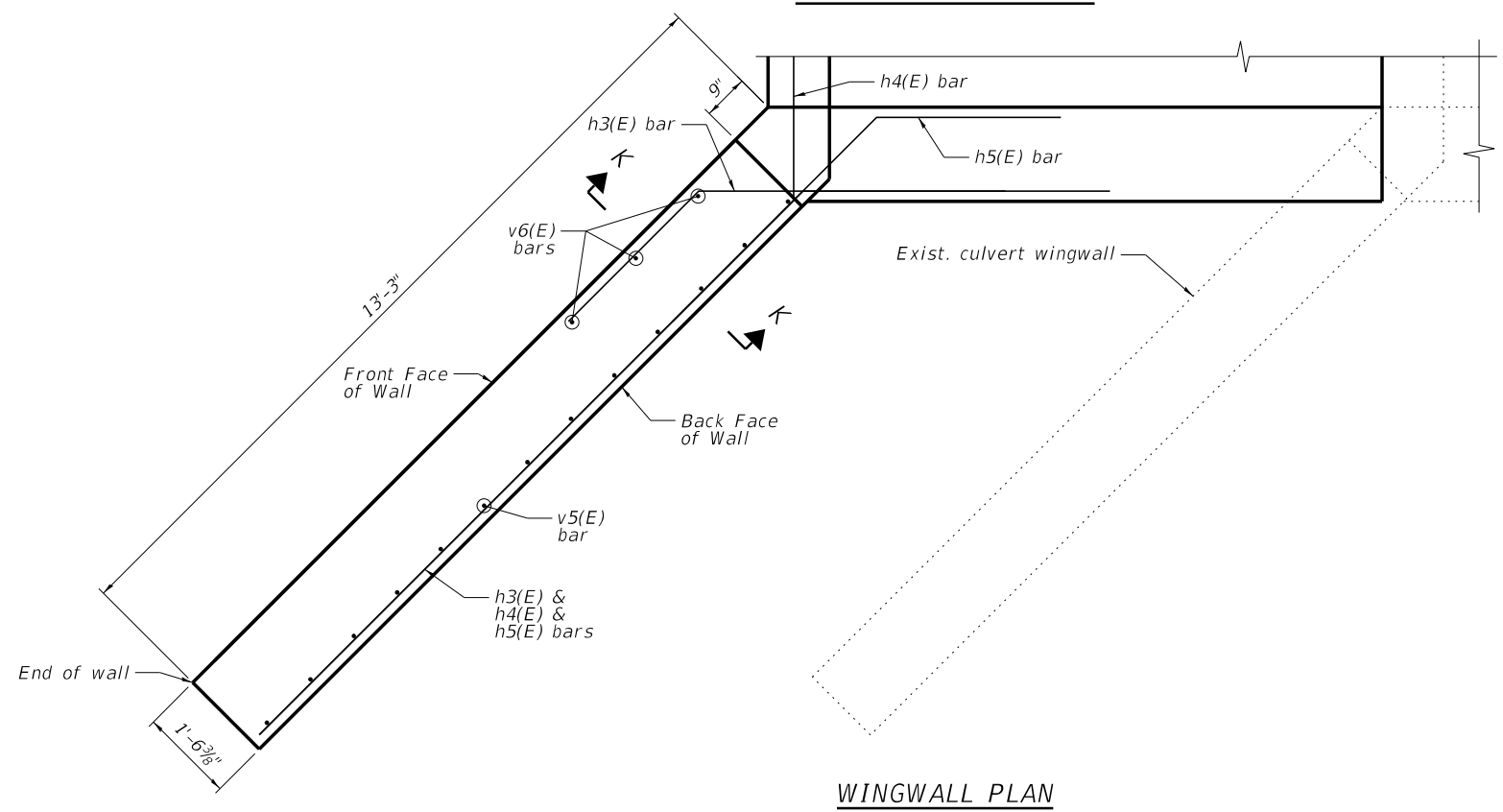
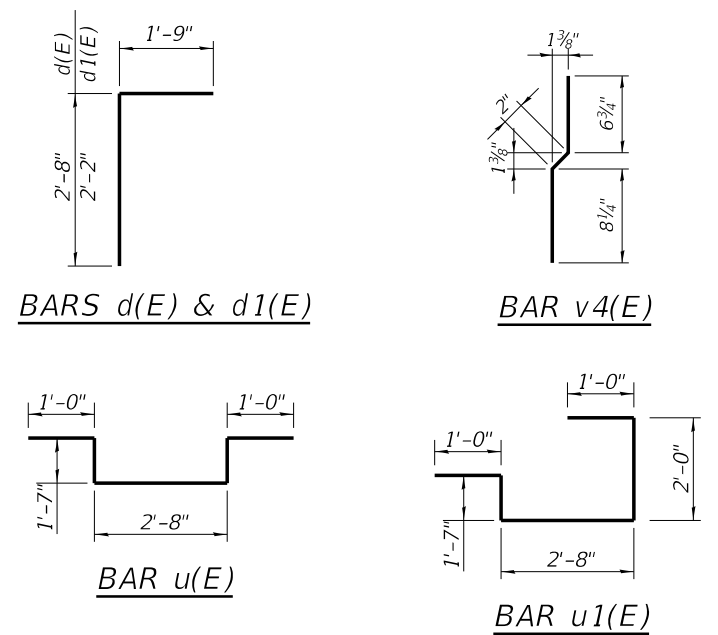
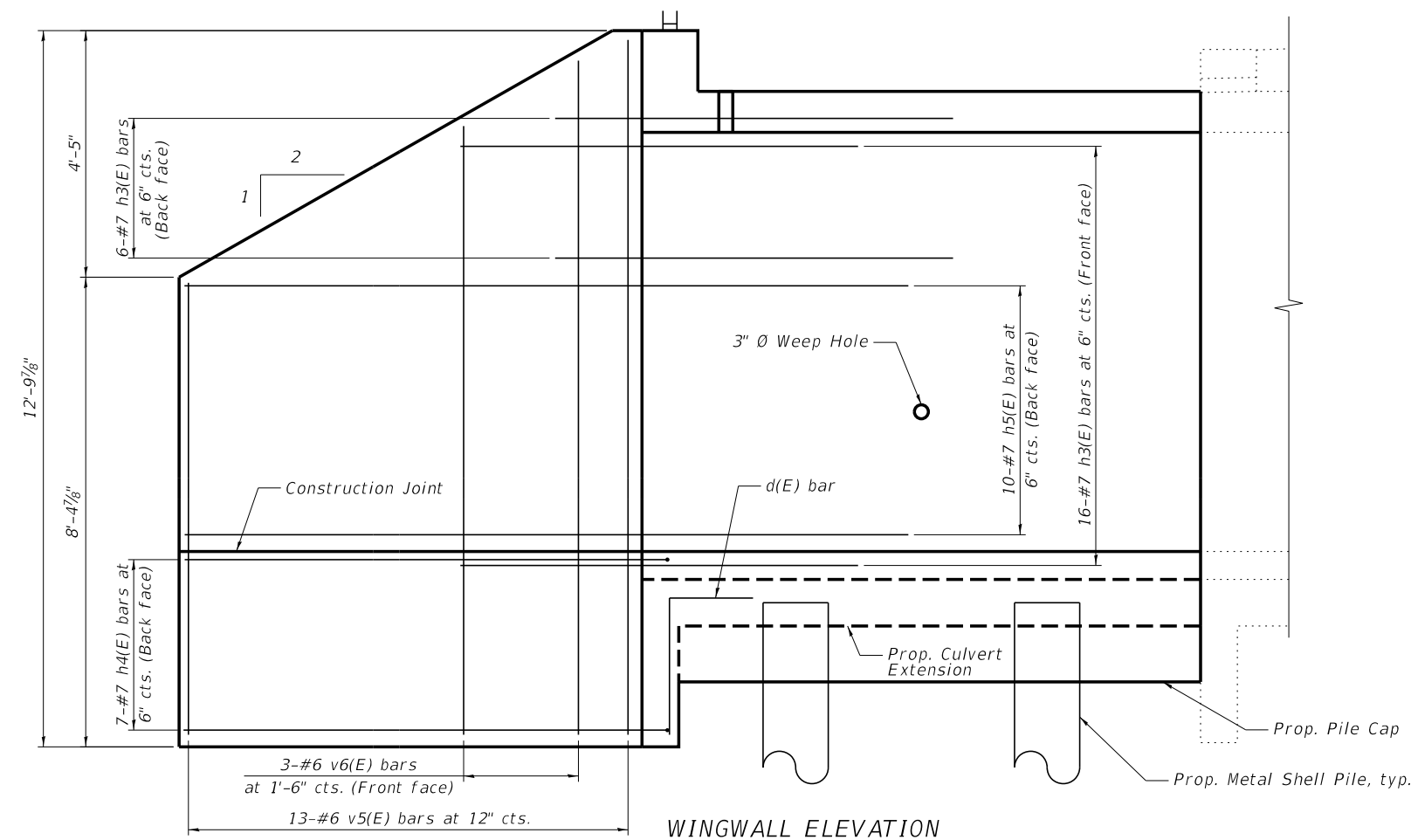
CULVERT BARREL DETAILS (2 OF 2)
 STRUCTURE NO. 022-0169
 SHEET NO. 56 OF 516 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	175
CONTRACT NO.			61K32	
ILLINOIS FED. AID PROJECT				

Y:\Chicago\10800S\10834.00_GaryAveBridge\Eng_Docs\Final\Sheets\6 - 10834_Culvert Barrel Details.dgn 7:33:02 AM 2/13/2024

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	48	#8	34'-6"	
a2(E)	48	#8	32'-8"	
d(E)	34	#4	4'-5"	
d1(E)	34	#4	3'-11"	
h(E)	52	#5	9'-8"	
h1(E)	90	#7	9'-8"	
h2(E)	78	#5	9'-8"	
h3(E)	44	#7	8'-0"	
h4(E)	14	#7	15'-3"	
h5(E)	20	#7	17'-2"	
h6(E)	2	#7	32'-8"	
h7(E)	9	#6	32'-8"	
h8(E)	10	#5	9'-0"	
s(E)	34	#4	5'-1"	
u(E)	18	#4	7'-10"	
u1(E)	18	#4	8'-3"	
v(E)	22	#6	7'-10"	
v1(E)	44	#6	3'-5"	
v2(E)	22	#5	7'-2"	
v3(E)	44	#6	7'-2"	
v4(E)	22	#6	1'-5"	
v5(E)	13	#6	20'-5"	
v6(E)	3	#6	23'-4"	
Concrete Box Culverts	Cu. Yd.		61.6	
Reinforcement Bars, Epoxy Coated	Pound		16,400	



Order bars as shown full length. Cut as shown and use remainder of bars in opposite wingwall.

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		CHECKED - JHG	REVISED -
7 - 10834_Culvert Wingwall Details.dgn	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CULVERT WINGWALL DETAILS
 STRUCTURE NO. 022-0169**

SHEET NO. 57 OF 516 SHEET

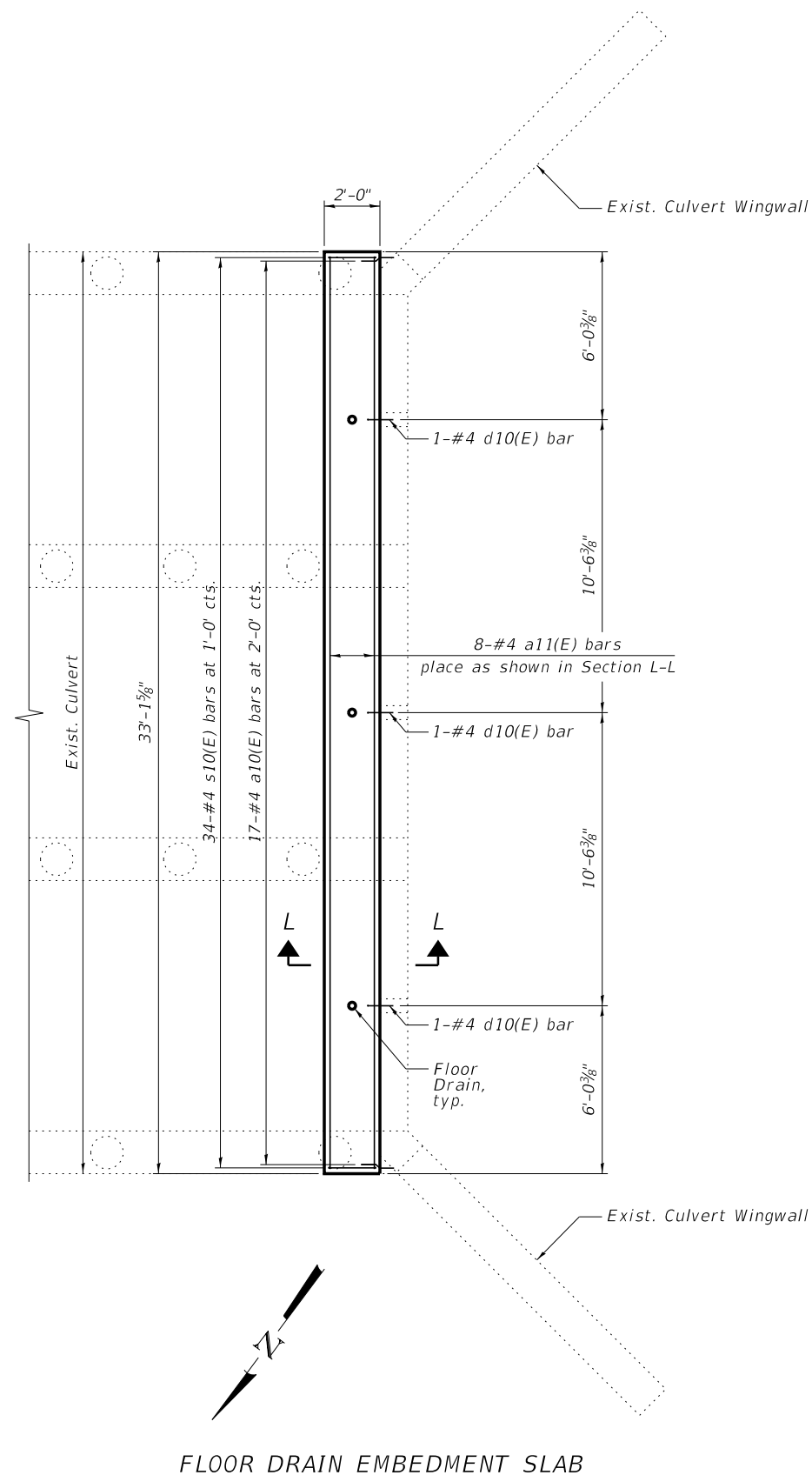
F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	176
CONTRACT NO.			61K32	

ILLINOIS FED. AID PROJECT

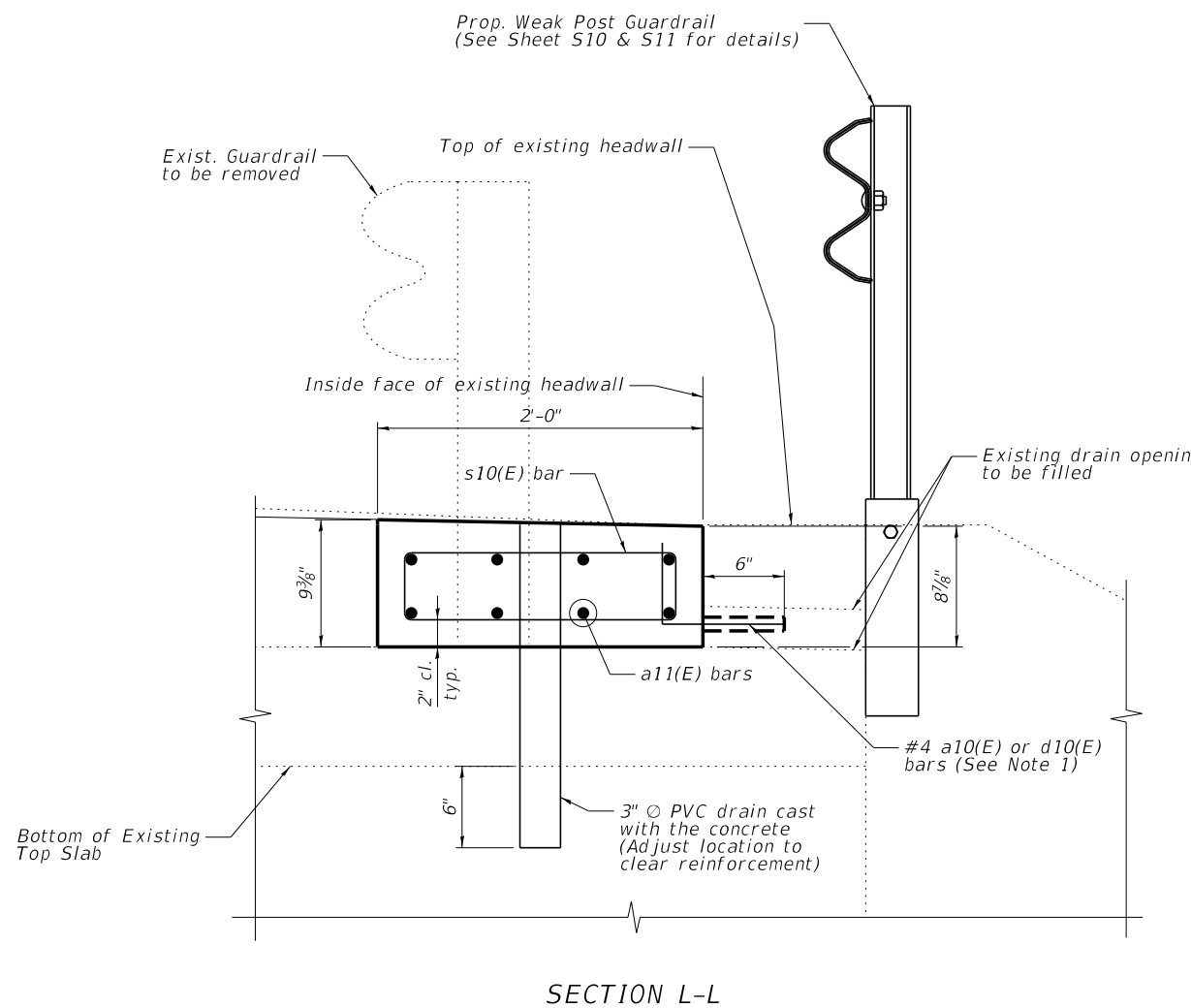
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BILL OF MATERIAL

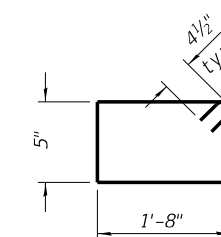
Bar	No.	Size	Length	Shape
a10(E)	17	#4	1'-6"	—
a11(E)	8	#4	32'-8"	—
d10(E)	3	#4	1'-2"	└
s10(E)	34	#4	4'-11"	□
Concrete Superstructures		Cu. Yd.	2.0	
Reinforcement Bars, Epoxy Coated		Pound	310	
Floor Drains		Each	3	



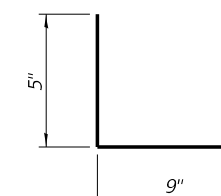
FLOOR DRAIN EMBEDMENT SLAB



SECTION L-L



BAR s10(E)



BAR d10(E)

NOTES:

1. Drill and grout bars according to Article 584 of the IDOT Standard Specifications. Minimum embedment shall be 4" or per the manufacturer's recommendation to develop full tensile strength of bar in 3000 psi concrete, whichever is greater. Cost of drilling and grouting bars shall be included in the cost of Concrete Superstructure.
2. The interior surface of the existing formed drainage openings shall be coated with a bonding agent prior to plugging with concrete. Cost of bonding agent shall be included in the cost of Concrete Superstructure.
3. 3" Diameter core holes shall be installed through existing top slab of culvert at the locations shown for floor drains. Any exposed reinforcement along the core hole edge shall be cleaned and painted according to Article 508 of the IDOT Standard Specifications. Cost of coring and reinforcement cleaning and painting, if required, shall be included in the cost of Floor Drains.
4. For details of guardrail elements not shown or called out, see IDOT Highway Standard 630001.

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		CHECKED - JHG	REVISED -
8 - 10834_Culvert Drainage Details.dgn	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CULVERT DRAINAGE DETAILS
 STRUCTURE NO. 022-0169**

SHEET NO. 58 OF 516 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	177
CONTRACT NO.			61K32	
ILLINOIS FED. AID PROJECT				

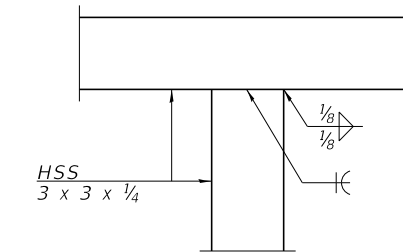
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BILL OF MATERIAL

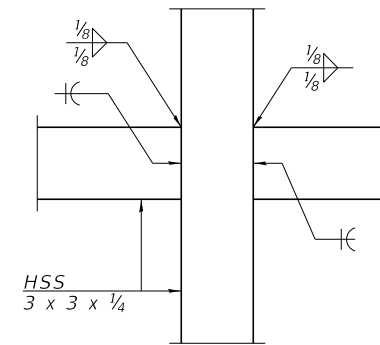
Item	Unit	Quantity
Bicycle Railing (Special)	Foot	31

NOTES:

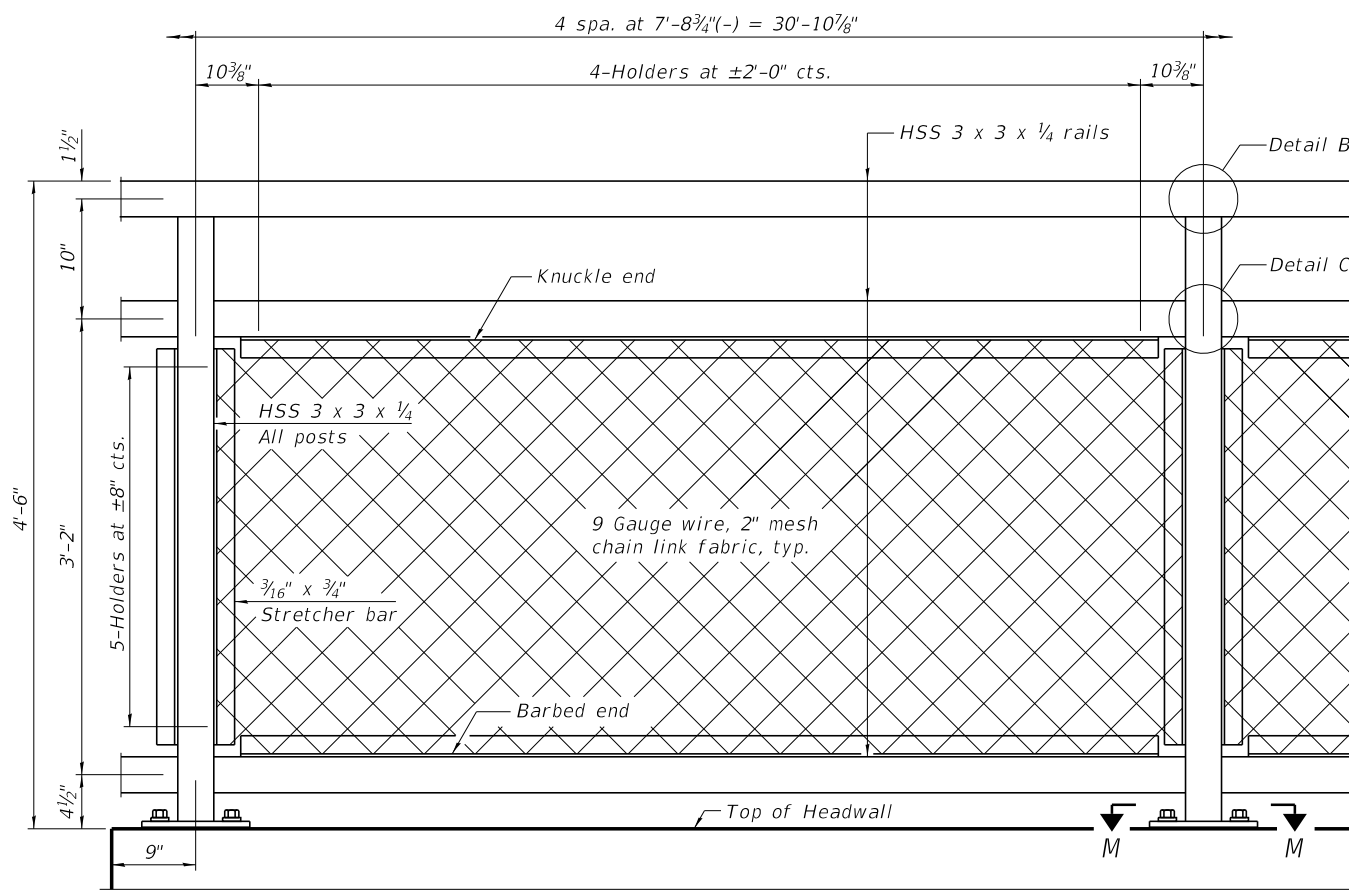
- Place reinforcement bars to miss anchor rod locations.
- CVN testing is not required for the HSS tubing used in the Bicycle Railing.
- All heavy hex nuts shall be according to ASTM A 563 grade DH.
- All fully threaded anchor rods shall be ASTM F1554 grade 105.
- The post base plate shall be fastened to the headwall snug tight and given an additional 1/8" turn.
- Rail splice inserts may be built out of bent plates of the same thicknesses and outside geometry limits as the 4 plate rail splice inserts shown.
- Railing shall be galvanized per IDOT Standard Specifications. All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
- In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.
- See special provision BICYCLE RAILING (SPECIAL).
- All dimensions are in feet and inches except as noted.
- Shop drawings based on individual project plan view locations must be submitted to the resident engineer for approval.
- For locations of Bicycle Railing (Special) refer to Plan and Profile Sheets.



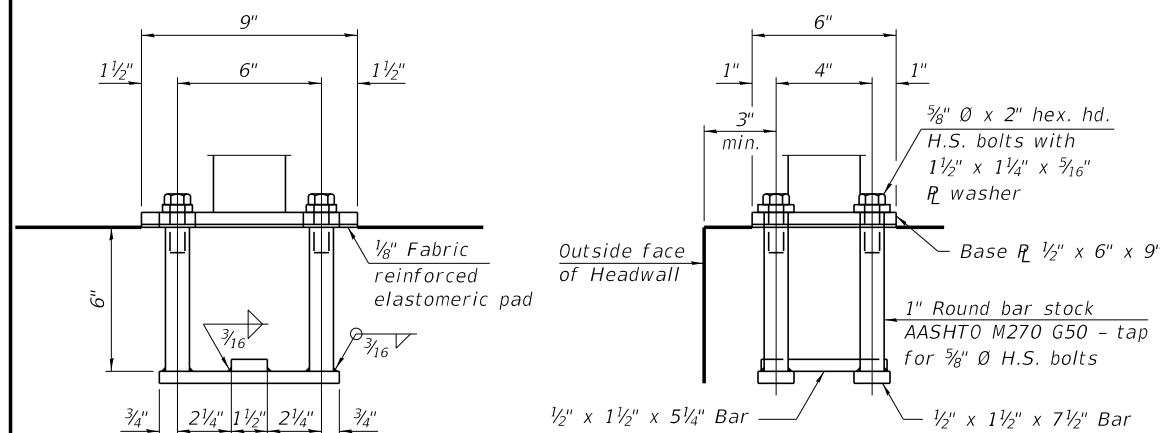
DETAIL B



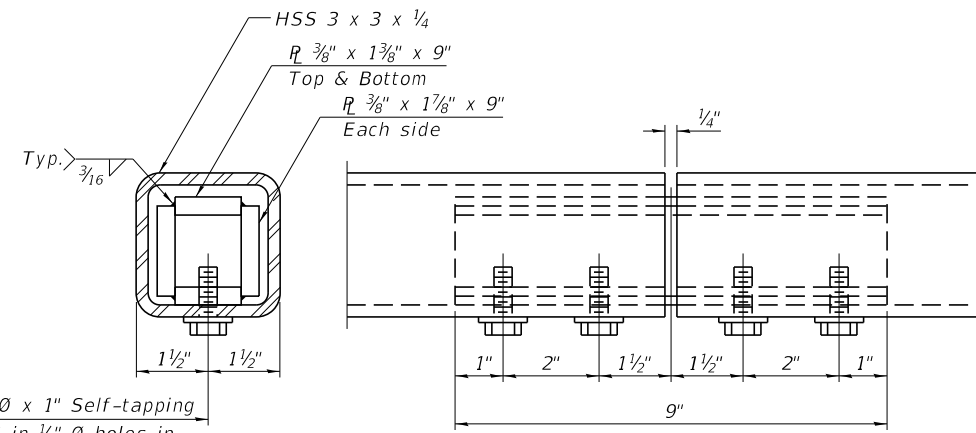
DETAIL C



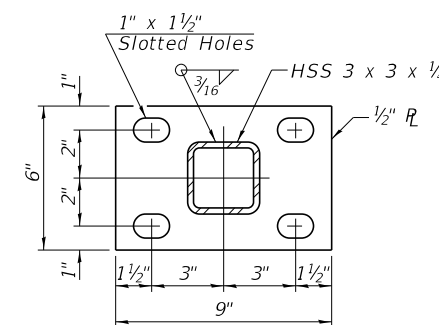
ELEVATION BICYCLE RAILING
(Inside face)



ANCHORAGE ASSEMBLY



MATERIAL SPLICE



SECTION M-M

RAILING CRITERIA

MASH 2016 Test Level	4
Bicycle Railing Weight (plf)	50
Max Post Spacing	10'-0"

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R-29

9-1-2022

FILE NAME :	USER NAME :	DESIGNED :	REVISD :
9 - 10834.Bicycle Railing Details.dgn	bmoreno	BSM	-
		JHG	-
		KMS	-
		JHG	-

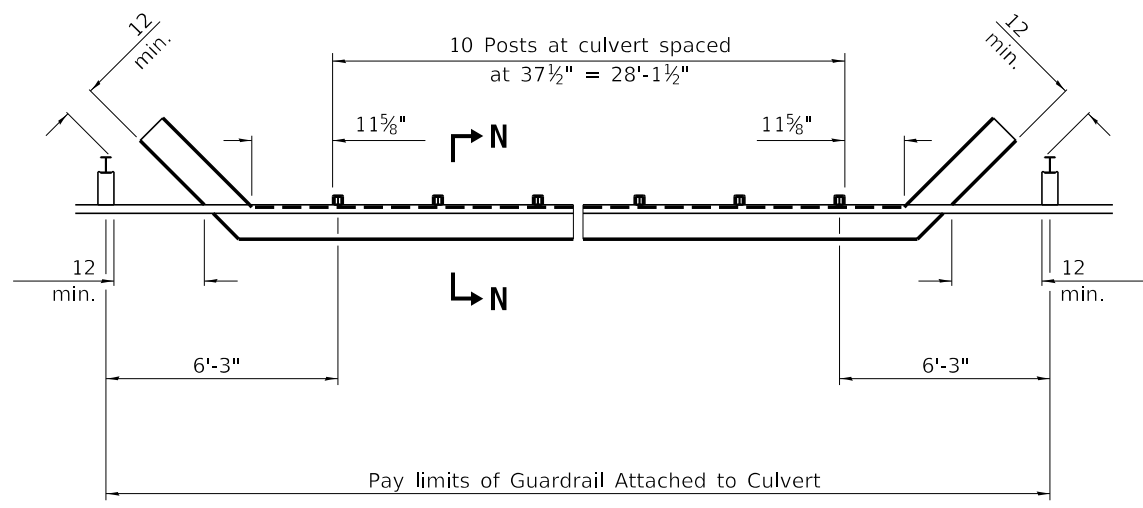
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BICYCLE RAILING DETAILS
STRUCTURE NO. 022-0169

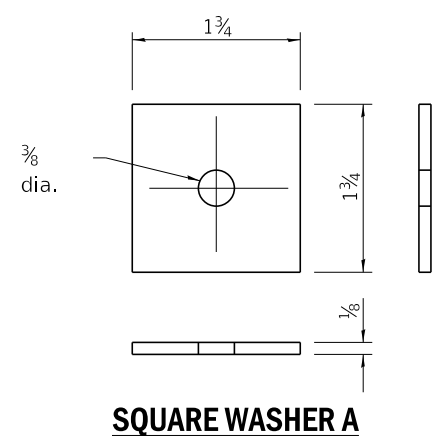
SHEET NO. S9 OF S16 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	178
CONTRACT NO.			61K32	

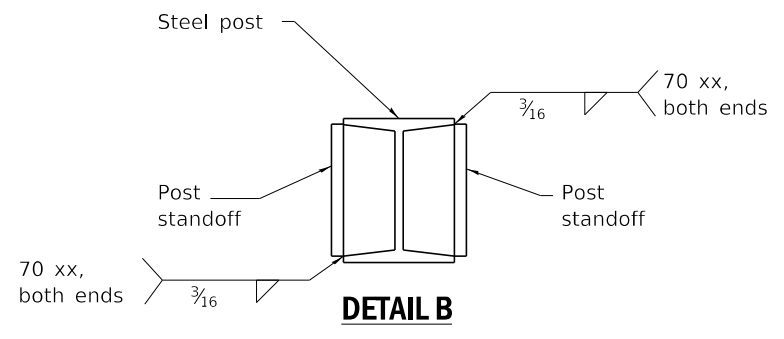
ILLINOIS FED. AID PROJECT



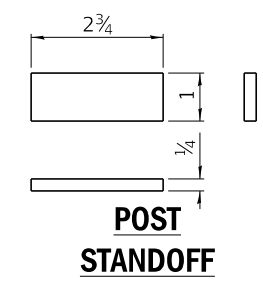
PLAN



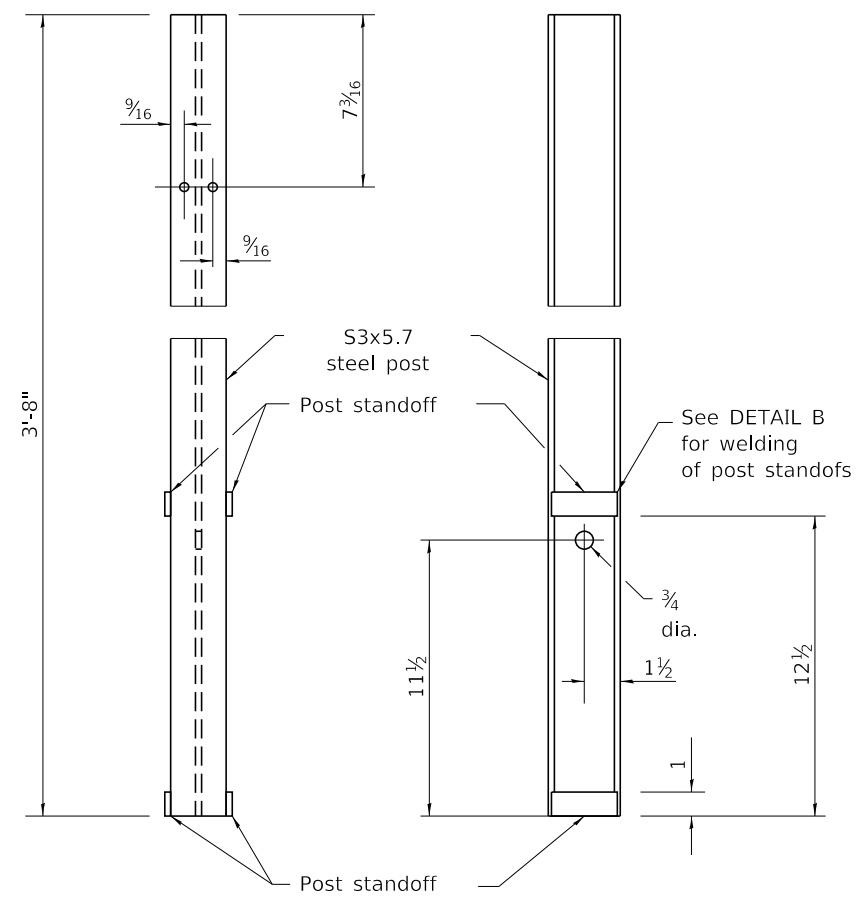
SQUARE WASHER A



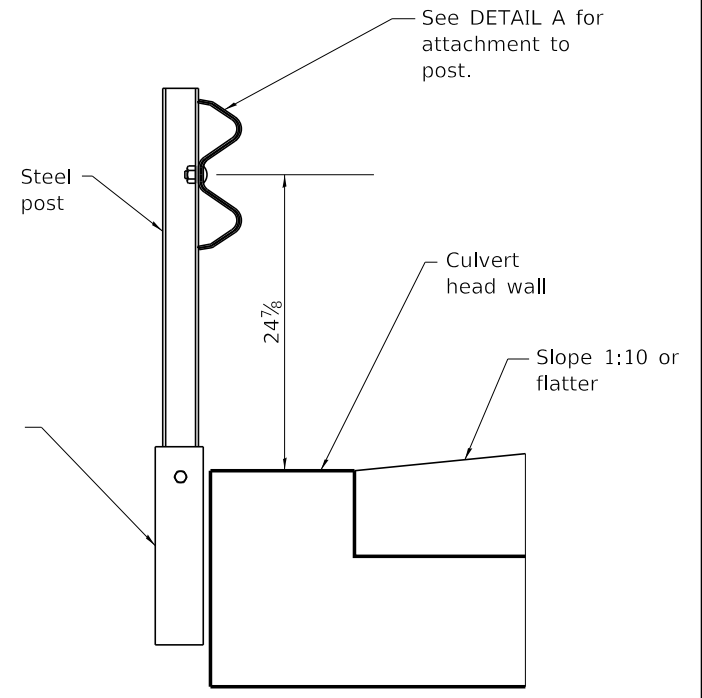
DETAIL B



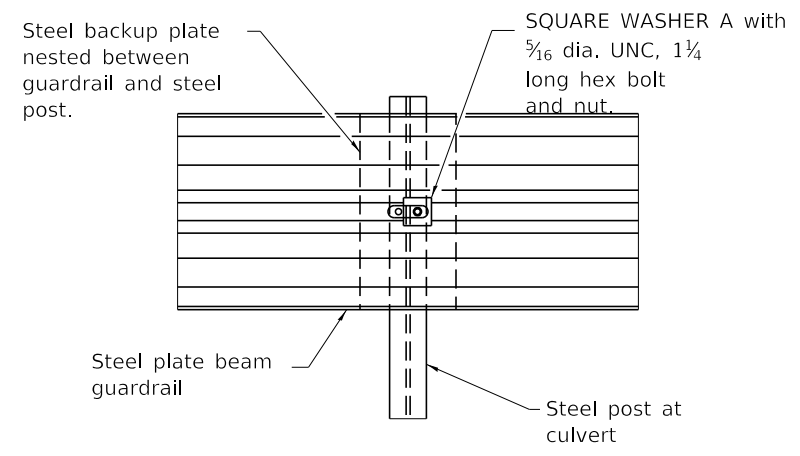
POST STANDOFF



STEEL POST



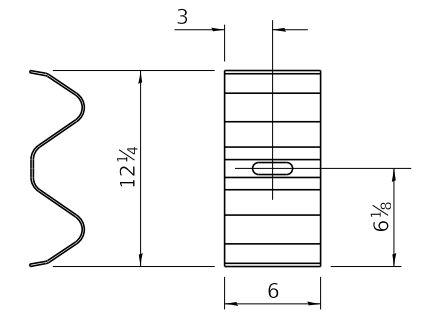
SECTION N-N



DETAIL A

BILL OF MATERIAL

Item	Unit	Quantity
Weak Post Guardrail Attached to Culvert, Case II	Foot	41



BACKUP PLATE

GENERAL NOTES

- See Standard 630001 for details of guardrail not shown.
- All threaded rods and bolts shall be installed with heavy hex nuts and standard washers unless noted otherwise.
- All dimensions are in inches unless otherwise shown.

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FILE NAME =	USER NAME = bmoreno	DESIGNED - BSM	REVISD -
		CHECKED - JHG	REVISD -
10 - 10834.Guardrail Details (1 of 2).dgn	PLOT SCALE =	DRAWN - KMS	REVISD -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISD -

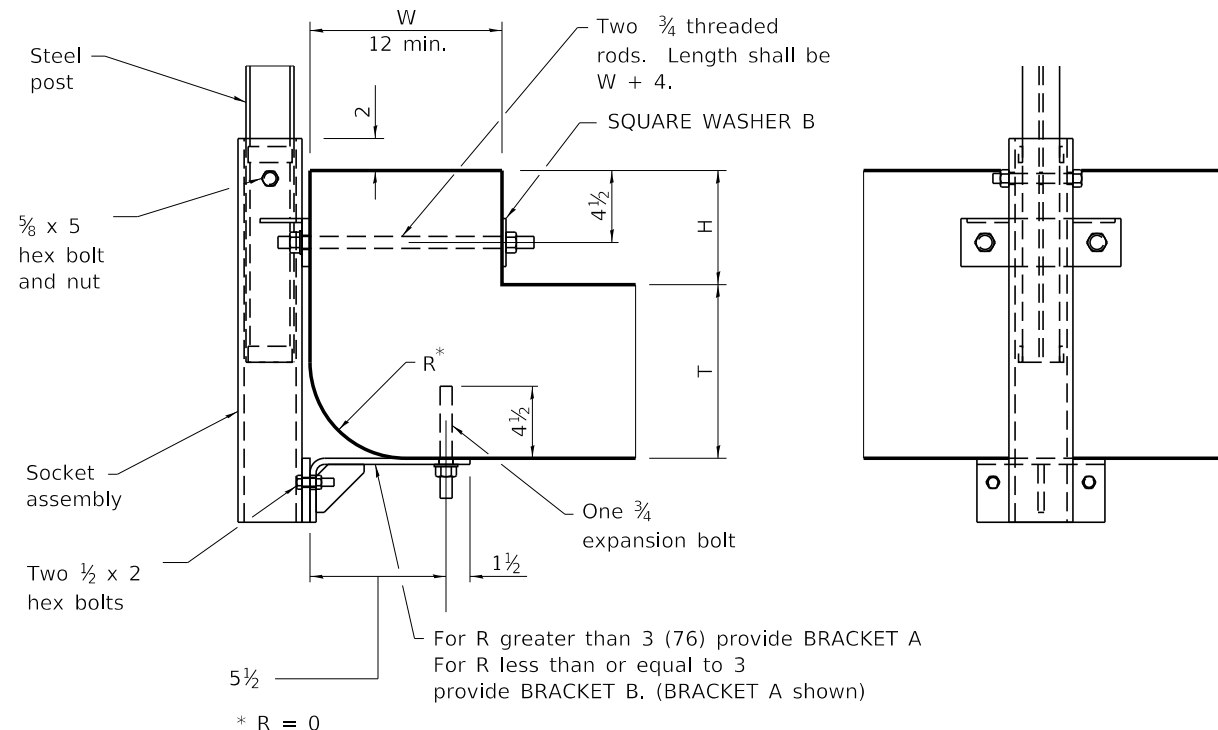
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WEAK POST GUARDRAIL DETAILS (1 OF 2)
 STRUCTURE NO. 022-0169**

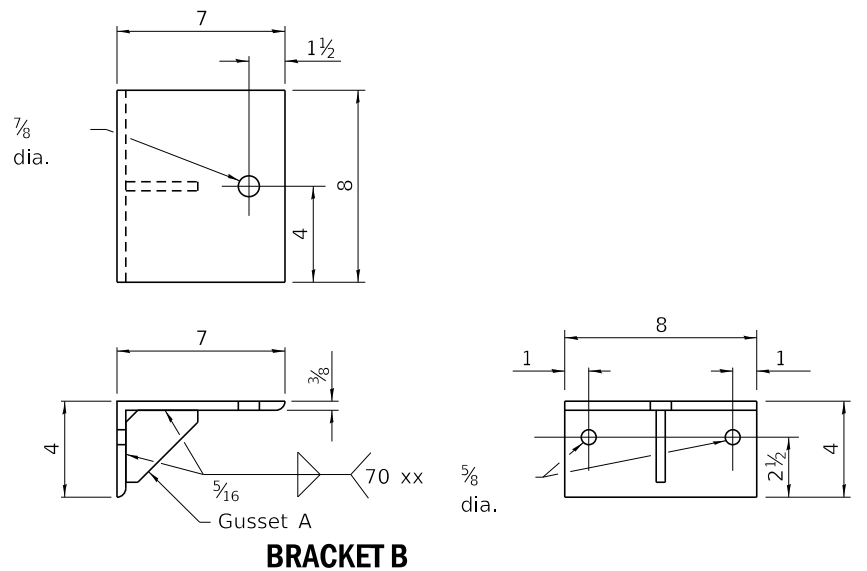
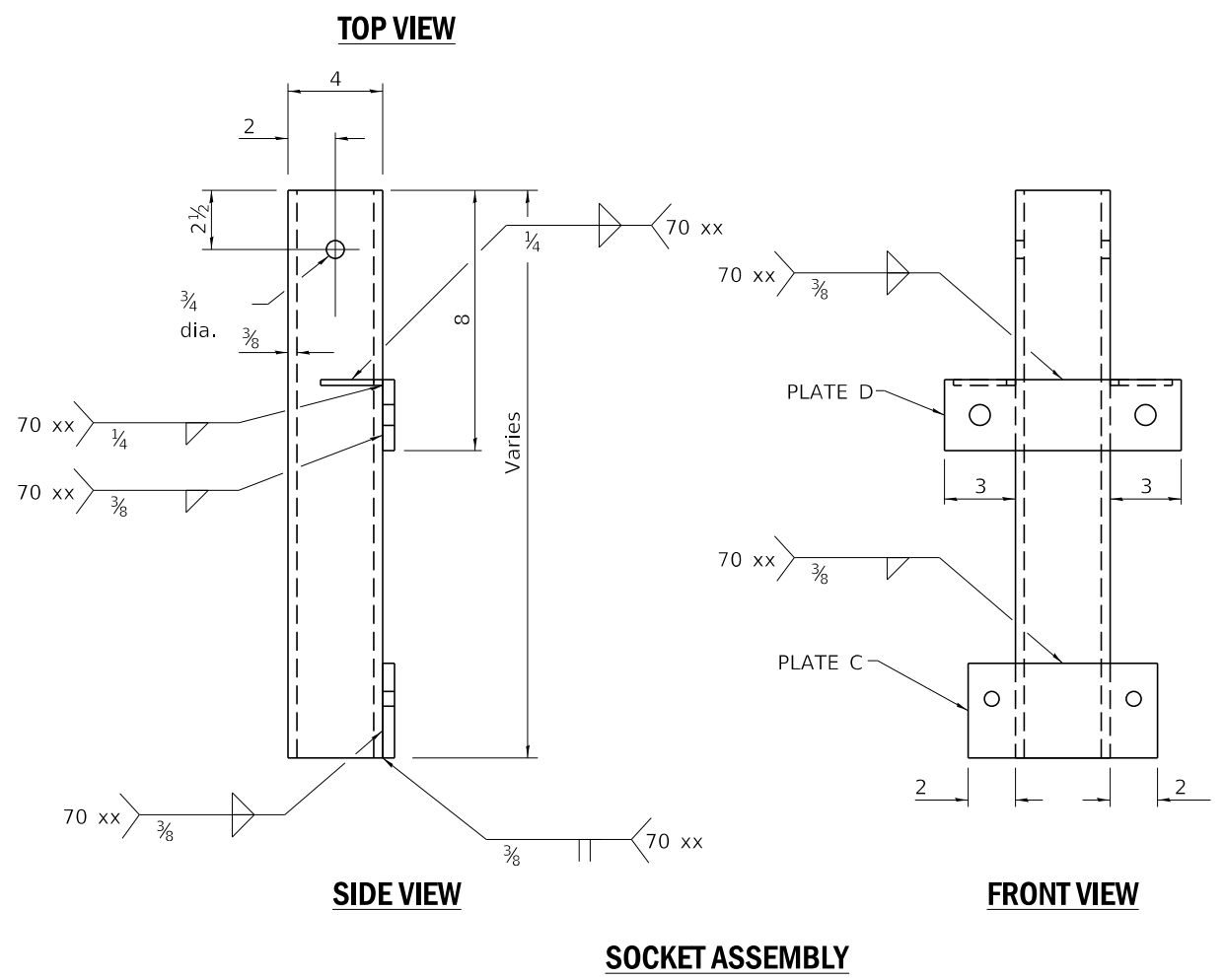
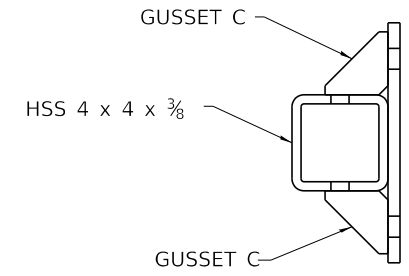
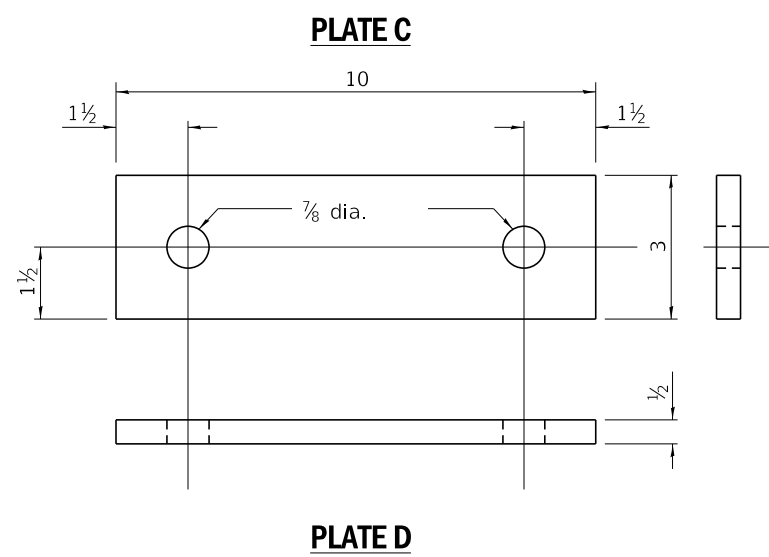
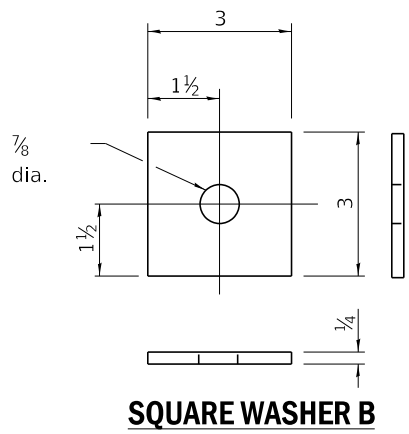
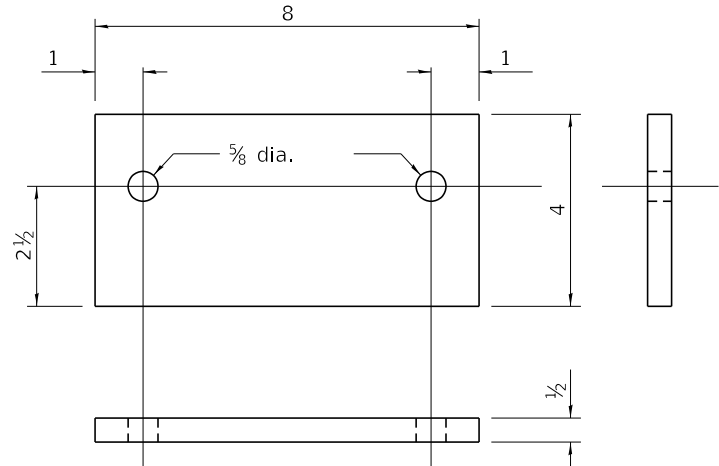
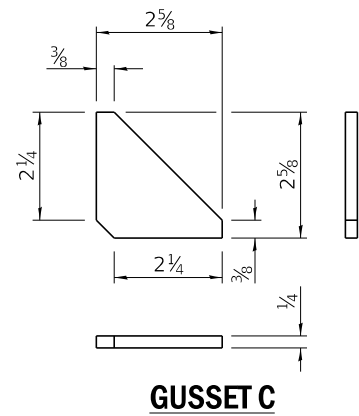
SHEET NO. S10 OF S16 SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	179
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K32	

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CROSS SECTION **ELEVATION**
CASE II, (H+T-R) < 18 (457), SIDE-MOUNT THROUGH-BOLT



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 Naperville, Illinois 60563
 630-577-9100 Job No. 10834.01

FILE NAME =	USER NAME = bmoreno	DESIGNED - BSM	REVISED -
		CHECKED - JHG	REVISED -
11 - 10834_Guardrail Details (2 of 2).dgn	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISED -

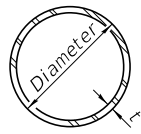
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEAK POST GUARDRAIL DETAILS (2 OF 2)
STRUCTURE NO. 022-0169

SHEET NO. S11 OF S16 SHEET

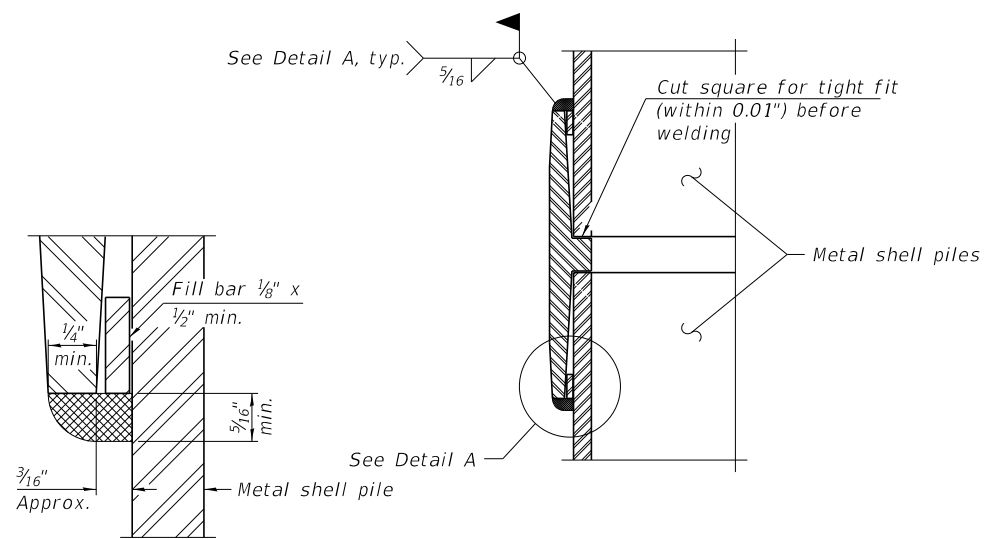
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CONTRACT NO. 61K32			ILLINOIS FED. AID PROJECT	

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METAL SHELL PILE TABLE

Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



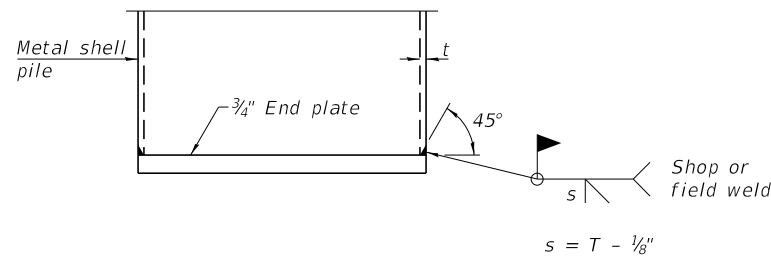
DETAIL A

WELDED COMMERCIAL SPLICE

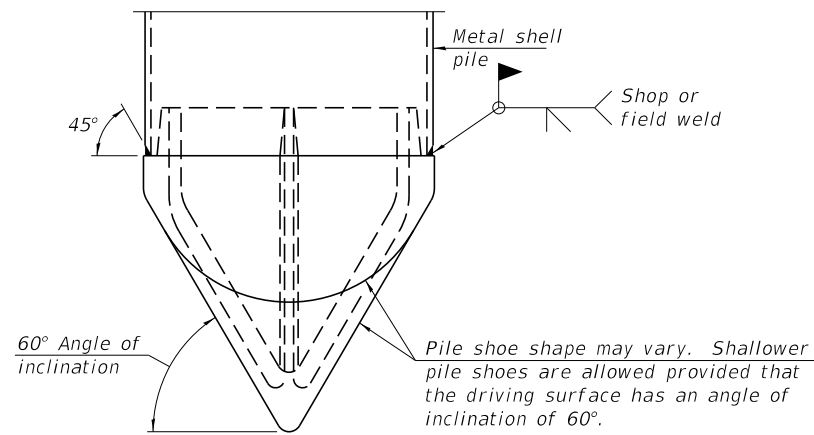
Notes:

The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.

Pile segments shall be driven to solid contact with splicer before welding.

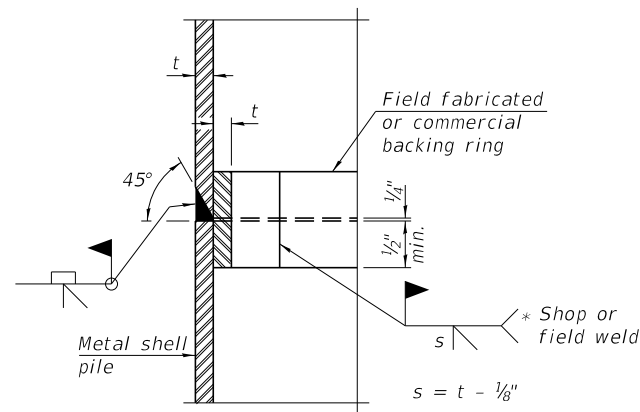


END PLATE ATTACHMENT



PILE SHOE ATTACHMENT

(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).



COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.

NOTE:

The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.



Alfred Benesch & Company
1230 East Dteh Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

FILE NAME = 12 - 10834.Pile Details.dgn	USER NAME = bmoreno	DESIGNED - BSM	REVISIONS -
		CHECKED - JHG	REVISIONS -
	PLOT SCALE =	DRAWN - KMS	REVISIONS -
	PLOT DATE = 2/13/2024	CHECKED - JHG	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**PILE DETAILS
STRUCTURE NO. 022-0169**

SHEET NO. S12 OF S16 SHEET


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	181
CONTRACT NO. 61K32				

ILLINOIS FED. AID PROJECT


Soil Boring Log

 Construction & Geotechnical Material Testing, Inc. 60 Martin Lane, Elk Grove Village, Illinois 60007 Telephone (630) 595-1111 • Fax (630) 595-1110		Boring No.: B-01						
		Date: Friday, February 11, 2022						
Soil Boring Prepared for: Mr. Sarang A. Lagvankar, P.E. City of Wheaton 303 W. Wesley Street Wheaton, Illinois 60187		Project: Proposed Culvert Extension N. Gary Avenue Over Winfield Creek Wheaton, Illinois 60157 Project No.: 22G0147 Boring Location: Sta. 23+76.63, 49.85' L Logged By: L.S.H. Ground Elevation: 726.35						
Sheet 1 of 3								
Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unclassified Compressive Strength (TSF)	Notes & Test Results
726.4	0.0		Approximately 12" of Topsoil					Unclassified compressive strength of soil samples estimated using a calibrated penetrometer.
725.4	1.0		Soft, Dark Brown, CLAY (FILL), A-7	SS-1 1.0' - 2.5'	3	38.2	0.25 p	Organic Content: 1.0' - 2.5' = 9.2%
724.4	2.0		Saturated	16" Recovery	3			
723.4	3.0		Dark Brown, Organic PEAT	SS-2 3.5' - 5.0'	1	296.0	-	Organic Content: 3.5' - 5.0' = 126.8%
722.4	4.0		Saturated	18" Recovery	2			
721.4	5.0							
720.4	6.0		Saturated	SS-3 6.0' - 7.5'	0	449.9	-	Organic Content: 6.0' - 7.5' = 69.8%
719.4	7.0			18" Recovery	2			
718.4	8.0							
717.4	9.0		Saturated	SS-4 8.5' - 10.0'	0	270.1	-	Organic Content: 8.5' - 10.0' = 32.4%
716.4	10.0			8" Recovery	0			
715.4	11.0		Saturated	SS-5 11.0' - 12.5'	0	94.8	-	Organic Content: 11.0' - 12.5' = 8.4%
714.4	12.0			18" Recovery	1			
713.4	13.0							
712.4	14.0		Saturated	SS-6 13.5' - 15.0'	0	76.7	-	Organic Content: 13.5' - 15.0' = 6.9%
711.4	15.0			18" Recovery	0			
710.4	16.0							
709.4	17.0							
708.4	18.0		Very Soft To Soft, Gray, CLAY, A-7-6	SS-7 18.5' - 20.0'	2	28.5	<0.25 p	Rimac Spring Tester: 18.5' - 20.0' = 0.29 TSF
707.4	19.0		Saturated	18" Recovery	1			
706.4	20.0							
Drilling Contractor: J.S.				Water Level (Ft.)				
Drilling Method: 3/4" O.D. H.S.A. Split Spoon Sampling				During Drilling: 38 1/2 feet				
Drilling Equipment: CME-ATV Drill Rig				Immediately After Drilling: None				
REVIEWED BY: NPW								

Soil Boring Log

 Construction & Geotechnical Material Testing, Inc. 60 Martin Lane, Elk Grove Village, Illinois 60007 Telephone (630) 595-1111 • Fax (630) 595-1110		Boring No.: B-01						
		Date: Friday, February 11, 2022						
Soil Boring Prepared for: Mr. Sarang A. Lagvankar, P.E. City of Wheaton 303 W. Wesley Street Wheaton, Illinois 60187		Project: Proposed Culvert Extension N. Gary Avenue Over Winfield Creek Wheaton, Illinois 60157 Project No.: 22G0147 Boring Location: Sta. 23+76.63, 49.85' L Logged By: L.S.H. Ground Elevation: 726.35						
Sheet 2 of 3								
Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unclassified Compressive Strength (TSF)	Notes & Test Results
706.4	20.0		Very Soft To Soft, Gray, CLAY, A-7-6					Unclassified compressive strength of soil samples estimated using a calibrated penetrometer.
705.4	21.0							
704.4	22.0							
703.4	23.0		Very Stiff To Very Hard, Gray, CLAY, A-7-6	SS-8 23.5' - 25.0'	4	19.6	2.75 p	Rimac Spring Tester: 23.5' - 25.0' = 3.30 TSF
702.4	24.0			18" Recovery	9			
701.4	25.0							
700.4	26.0							
699.4	27.0							
698.4	28.0							
697.4	29.0			SS-9 28.5' - 30.0'	11	12.4	4.5+ p	Rimac Spring Tester: 28.5' - 30.0' = 7.83 TSF
696.4	30.0			18" Recovery	13			
695.4	31.0							
694.4	32.0							
693.4	33.0							
692.4	34.0			SS-10 33.5' - 35.0'	9	12.9	3.0 p	Rimac Spring Tester: 33.5' - 35.0' = 4.74 TSF
691.4	35.0			18" Recovery	16			
690.4	36.0							
689.4	37.0							
688.4	38.0							
687.4	39.0		Medium Dense To Dense, Gray, SAND And GRAVEL, A-1	SS-11 38.5' - 40.0'	10	7.5	-	
686.4	40.0			18" Recovery	18			
Drilling Contractor: J.S.				Water Level (Ft.)				
Drilling Method: 3/4" O.D. H.S.A. Split Spoon Sampling				During Drilling: 38 1/2 feet				
Drilling Equipment: CME-ATV Drill Rig				Immediately After Drilling: None				
REVIEWED BY: NPW								

Soil Boring Log

 Construction & Geotechnical Material Testing, Inc. 60 Martin Lane, Elk Grove Village, Illinois 60007 Telephone (630) 595-1111 • Fax (630) 595-1110		Boring No.: B-01						
		Date: Friday, February 11, 2022						
Soil Boring Prepared for: Mr. Sarang A. Lagvankar, P.E. City of Wheaton 303 W. Wesley Street Wheaton, Illinois 60187		Project: Proposed Culvert Extension N. Gary Avenue Over Winfield Creek Wheaton, Illinois 60157 Project No.: 22G0147 Boring Location: Sta. 23+76.63, 49.85' L Logged By: L.S.H. Ground Elevation: 726.35						
Sheet 3 of 3								
Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unclassified Compressive Strength (TSF)	Notes & Test Results
686.4	40.0		Medium Dense To Dense, Gray, SAND And GRAVEL, A-1					Unclassified compressive strength of soil samples estimated using a calibrated penetrometer.
685.4	41.0							
684.4	42.0							
683.4	43.0			SS-12 43.5' - 45.0'	10	7.8	-	
682.4	44.0			18" Recovery	16			
681.4	45.0							
680.4	46.0							
679.4	47.0							
678.4	48.0							
677.4	49.0			SS-13 48.5' - 50.0'	-	-	-	*Spoon Refusal: Heaving/Blowing Sand and Gravel Encountered During The Advancement Of the Split Spoon Sampler
676.4	50.0			No Recovery	-	-	-	
675.4	51.0							
674.4	52.0							
673.4	53.0							
672.4	54.0			SS-14 53.5' - 55.0'	-	-	-	*Spoon Refusal: Heaving/Blowing Sand and Gravel Encountered During The Advancement Of the Split Spoon Sampler
671.4	55.0			No Recovery	-	-	-	
670.4	56.0							
669.4	57.0							
668.4	58.0							
667.4	59.0			SS-15 58.5' - 60.0'	-	-	-	*Spoon Refusal: Heaving/Blowing Sand and Gravel Encountered During The Advancement Of the Split Spoon Sampler
666.4	60.0			No Recovery	-	-	-	
Drilling Contractor: J.S.				Water Level (Ft.)				
Drilling Method: 3/4" O.D. H.S.A. Split Spoon Sampling				During Drilling: 38 1/2 feet				
Drilling Equipment: CME-ATV Drill Rig				Immediately After Drilling: None				
REVIEWED BY: NPW								



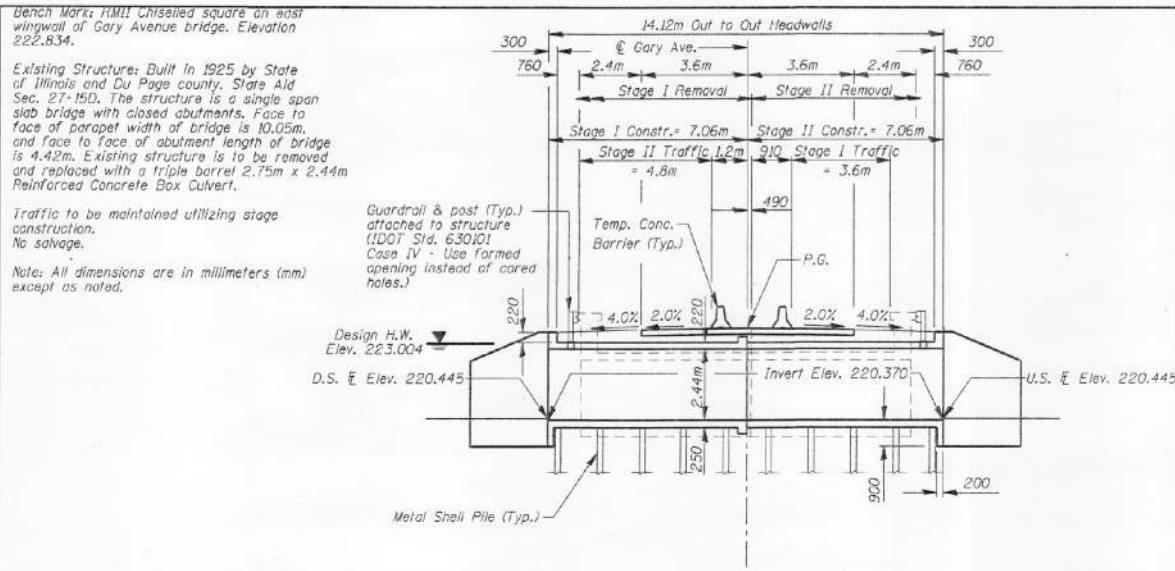
FILE NAME :	USER NAME :	DESIGNED :	REVISED :
13 - 10834_Soil Boring Logs.dgn	bmoreno	BSM	-
		CHECKED :	REVISED :
		JHG	-
		PLOT SCALE :	REVISED :
		DRAWN :	-
		KMS	-
		PLOT DATE :	REVISED :
		2/13/2024	-
		CHECKED :	REVISED :
		JHG	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 022-00-0169

SHEET NO. S13 OF S16 SHEET

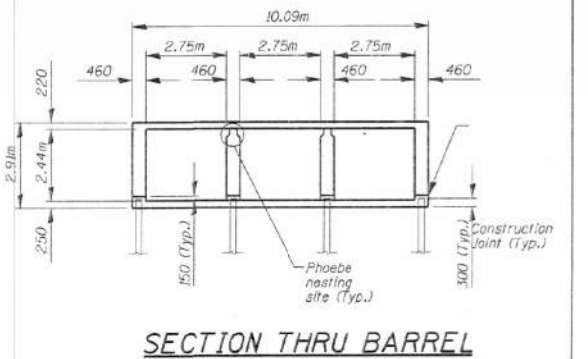
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	182
CONTRACT NO.			61K32	
ILLINOIS FED. AID PROJECT				



TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	m ³	205
Reinforcement Bars	kg	14,950
Concrete Box Culverts	m ³	154.6
Temporary Sheet Piling	m ²	86
Removal of Existing Structures	Each	1
Bar Splitters	Each	436
Furnishing Metal Pile Shells	m	511.5
Driving and Filling Shells	m	511.5
Test Piles	Each	1
Name Plates	Each	1
Cofferdam	Each	1

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	2TR5-7	DU PAGE		
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



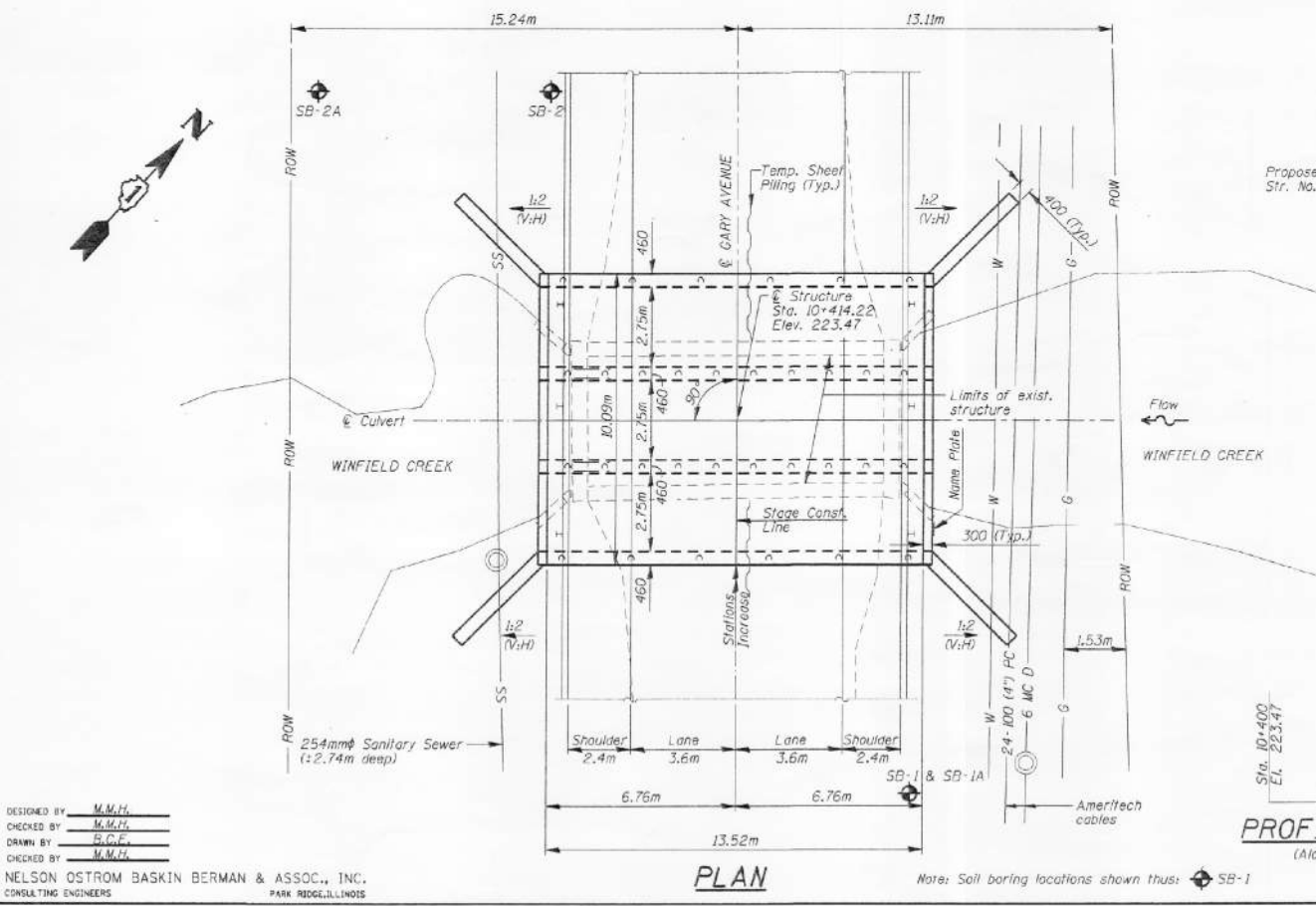
GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of AASHTO M-31M, M-42M, or M-53M Grade 400.
2. The contractor shall drive 1 metal shell test pile in a permanent location as directed by the Engineer before ordering the remainder of piles.
3. All dimensions are in millimeters (mm) except as noted.
4. Foundation plans for existing structure are not available. In case abutment footings are encountered in driving piles under interior walls, the contractor shall inform the Engineer for direction to proceed further.

DESIGN SPECIFICATIONS
AASHTO 1996 and 1997 Interims

LOADING MS18
Allow 2.4 kN/m² for future wearing surface

DESIGN STRESSES
FIELD UNITS
f_c = 24 MPa
f_y = 400 MPa (Reinf.)



WATERWAY INFORMATION TABLE

Drainage Area = 11.8km²

Ex. Low Grade Elev. 222.305m @ Sta. 10+125

Pr. Low Grade Elev. 222.114m @ Sta. 10+080-10+425

Flood	Freq. yr.	0 cms	Opening Sq. m		Nat. H.W.E. m	Head - m		Headwater Elev. - m	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	6.4	8.71	19.31	222.720	0.015	0.003	222.735	222.723
Base	50	8.2	8.71	20.07	223.004	0.030	0.009	223.034	223.010
Overtopping	100	9.0	8.71	20.07	223.138	0.006	0.015	223.144	223.153
Max. Calc.	500	12.0	8.71	20.07	223.759	0.003	0.000	223.762	223.759

Max. Recorded H.W.E. = 223.016

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION

FAU 256 GARY AVENUE OVER WINFIELD CREEK

DUPAGE COUNTY

RTE. FAU 256
STA. 10+414.22

SECTION: 2TR5-7
STRUCTURE NO. 022-0169

SCALE: VERT. HORIZ.

DATE: 09/15/98



Alfred Benesch & Company
1230 East Diehl Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

FILE NAME	USER NAME	DESIGNED	CHECKED	PLOT SCALE	PLOT DATE
14 - 10834.Existing Plans.dgn	bmoreno	BSM	JHG		2/13/2024

DESIGNED	CHECKED	DRAWN	CHECKED
BSM	JHG	KMS	JHG

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (1 OF 3)
STRUCTURE NO. 022-0169

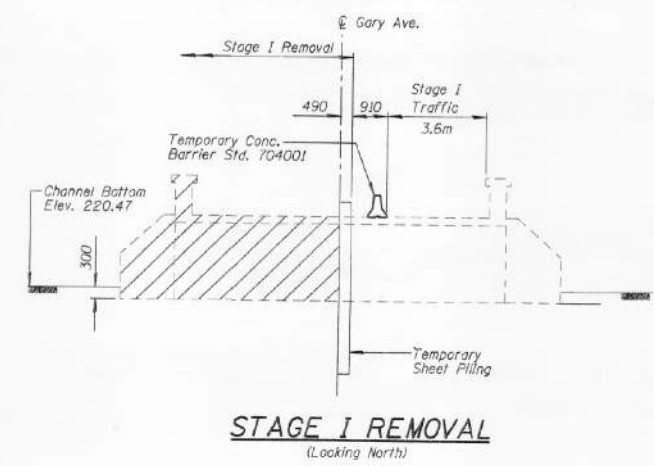
SHEET NO. S14 OF S16 SHEET

FOR INFORMATION ONLY

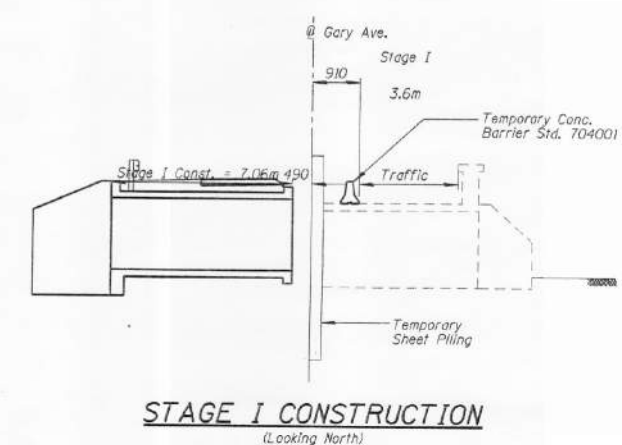
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	183
CONTRACT NO.				61K32
ILLINOIS FED. AID PROJECT				

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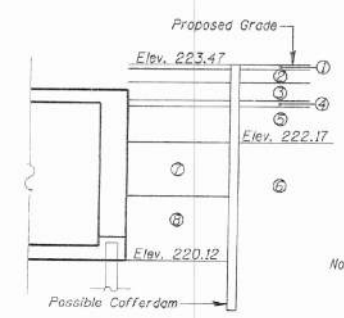
Sheet No. 2 of 7 Sheets	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2561	27RS-7	DUPAGE	257	184
	STA.	TO STA.		CONTRACT NO.	
		ILLINOIS FED. AID PROJECT		61K32	



STAGE I REMOVAL
(Looking North)



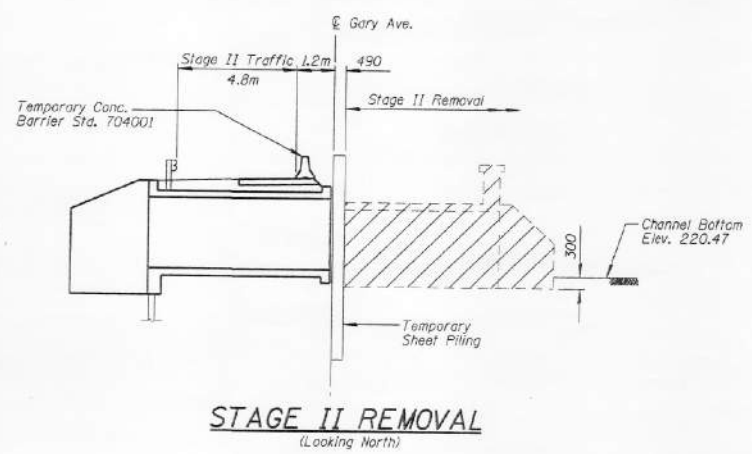
STAGE I CONSTRUCTION
(Looking North)



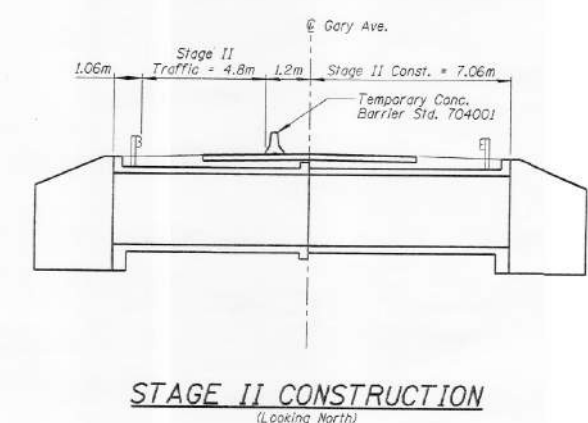
TYPICAL CROSS-SECTION
Structure/Cofferdam Backfill

- ① 76 Bituminous Concrete
- ② 229 P.C. Concrete
- ③ 305 P.G.E.
- ④ 102 P.C. Concrete
- ⑤ 610 Expanded Polystyrene (E.P.S.)
- ⑥ Existing Fill
- ⑦ Additional E.P.S. to base of D-1 soils.
- ⑧ 500 Porous Granular Embankment (P.G.E.) above water level.

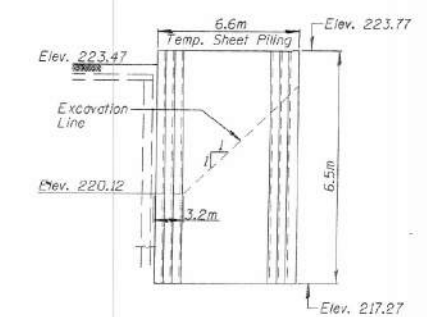
Note: This detail is subject to coordination with roadway design in design stage. The quantities of fill materials shown will be included in roadway bill of material.



STAGE II REMOVAL
(Looking North)



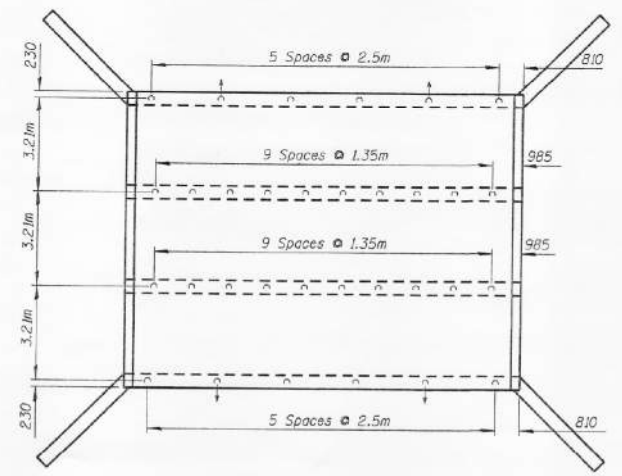
STAGE II CONSTRUCTION
(Looking North)



TEMPORARY SHEET PILING FOR STAGE CONSTRUCTION
Minimum Section Modulus of Sheet Piling = 490x10⁶ mm³/m

NOTES:

1. If The Contractor Chooses to Alter The Temporary Cantilevered Sheet Piling Design Requirements Shown on the Plans For Lesser Design Requirements Then Full Design Submittals With the Required Seals will Be Expected by the Department, For Review and Approval.



PILE LAYOUT

PILE DATA

Type: Metal Shell Pile 356mm w/6mm walls
Capacity: 300 kN
Est. Length: 16.5m
No. Required: 31 Piles + 1 Test Pile
⊙ Indicates batter pile 1:6

REVISIONS	
NAME	DATE

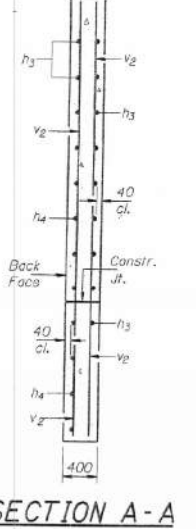
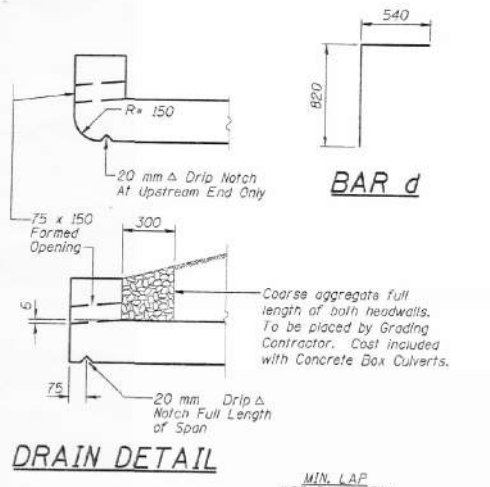
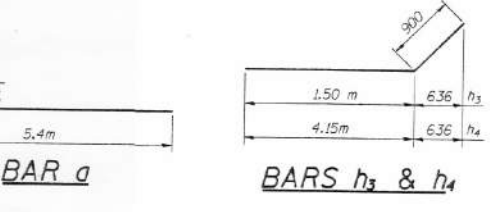
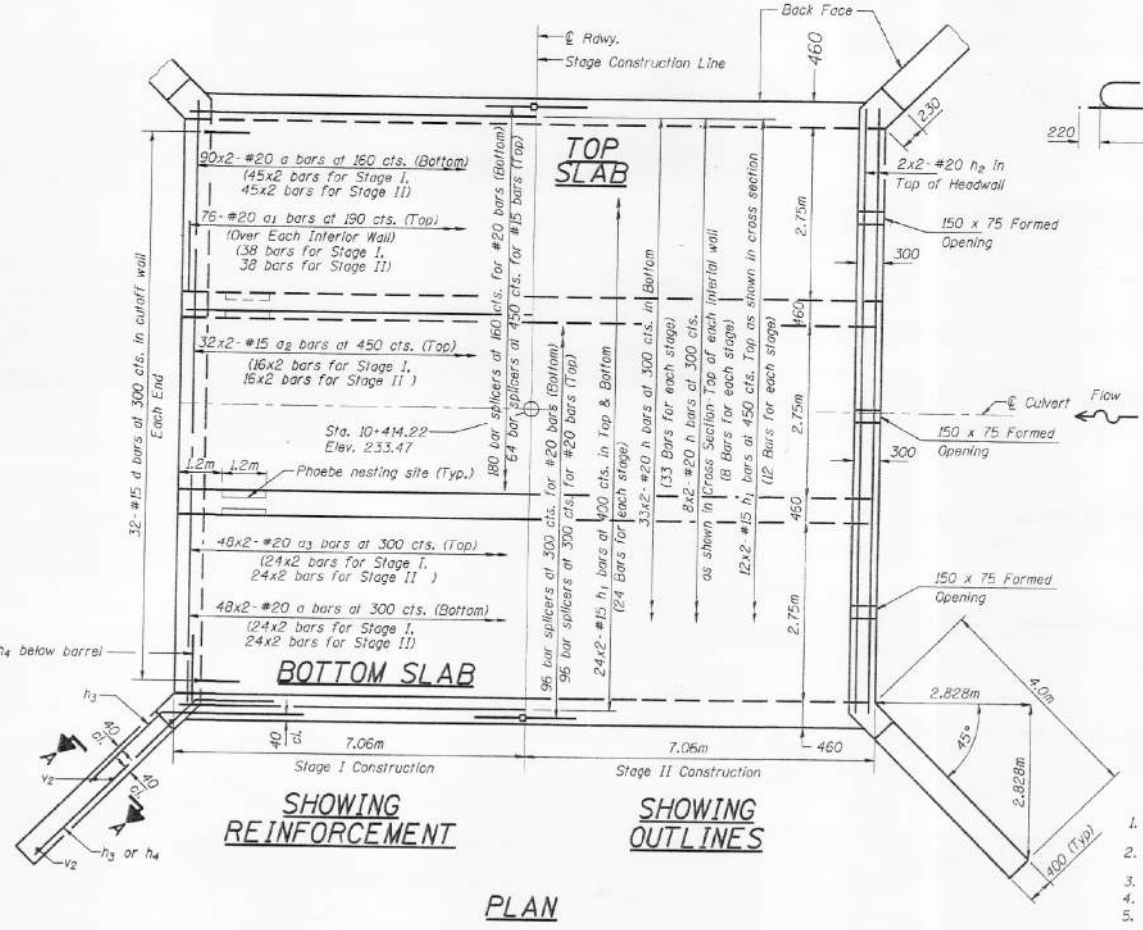
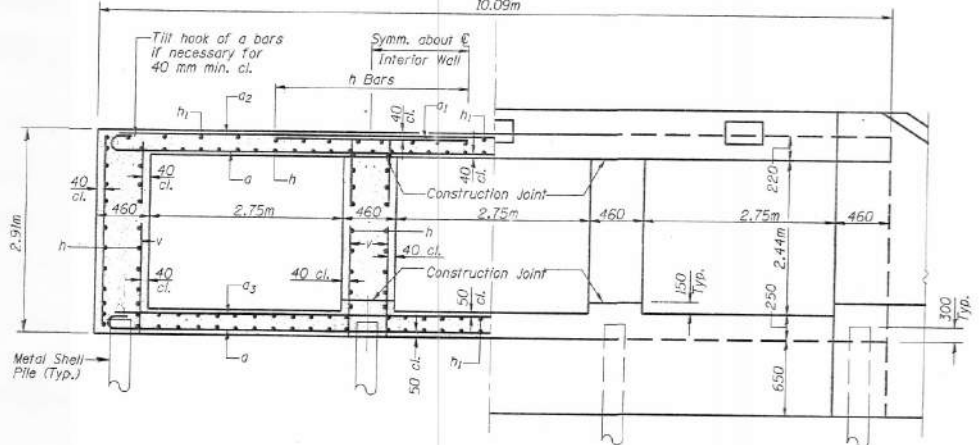
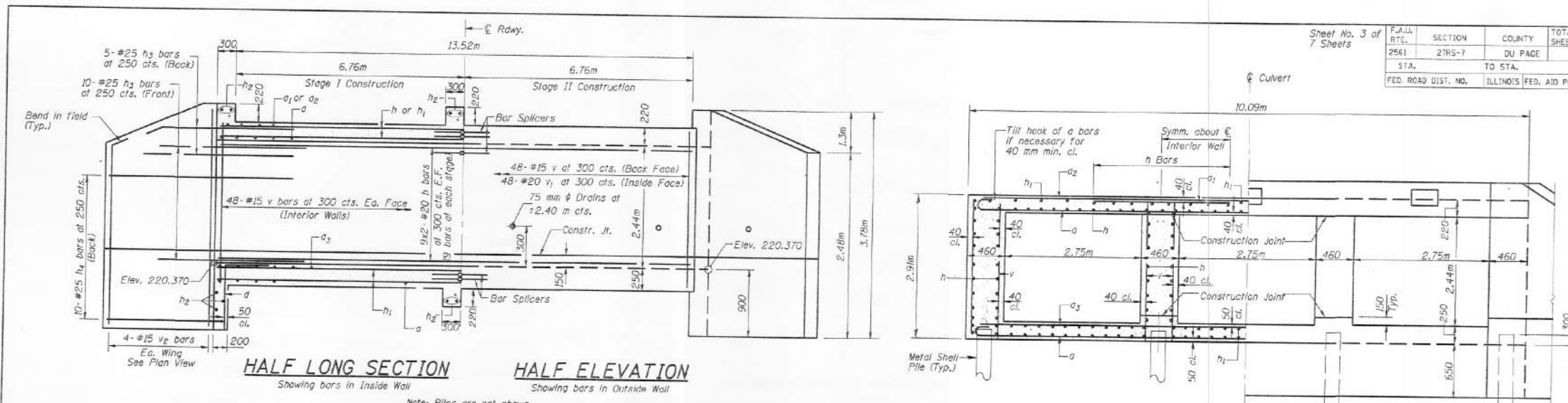
ILLINOIS DEPARTMENT OF TRANSPORTATION	
STAGE CONSTRUCTION	
FAU 2561(GARY AVENUE) OVER WINFIELD CREEK	
DUPAGE COUNTY	
RTE. FAU 2561	SECTION: 27RS-7
STA. 10+44.22	STRUCTURE NO. 022-0169
SCALE: VER: HORIZ:	DATE 09/15/98

FILE NAME = 15 - 10834.Existing Plans.dgn	USER NAME = bmoreno	DESIGNED - BSM	REVISED -
	PLOT SCALE =	CHECKED - JHG	REVISED -
	PLOT DATE = 2/13/2024	DRAWN - KMS	REVISED -
		CHECKED - JHG	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	184
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K32	

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET
2561	2TRS-7	DU PAGE	NO.
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



BILL OF MATERIAL

Bar No.	Size	Length (m)	Shape
c	#20	5.62	C
a ₁	#20	2.00	
a ₂	#15	5.36	
a ₃	#20	5.40	
d	#15	1.36	
h	#20	7.4	
h ₁	#15	7.3	
h ₂	#20	5.44	
h ₃	#25	2.40	
h ₄	#25	5.05	
v	#15	2.80	
v ₁	#20	2.80	
v ₂	#15	3.68	

Structure Excavation m³ 205
Concrete Box Culverts m³ 154.6
Reinforcement Bars kg 15,290

- Notes:
- A distance of half the length of the wingwall but not less than 2 m of the barrel shall be poured monolithically with the wingwalls.
 - Bars indicated thus 12 x 4 - #15 etc. indicates 12 lines of bars with 4 lengths per line.
 - All dimensions are in millimeters (mm) except as noted.
 - Exposed edges shall be bevelled 20mm
 - For pile layout see sheet no. 2 of 7 sheets.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
REINFORCING DETAILS
FAU 256 (IGARY AVENUE) OVER WINFIELD CREEK
DU PAGE COUNTY

RTE. FAU 256 SECTION: 2TRS-7
STA. 10+414.22 STRUCTURE NO. 022-0169

SCALE: VERT. HORIZ. DATE 09/16/98

benesch
Alfred Benesch & Company
1230 East Diehl Road, Suite 109
Naperville, Illinois 60563
630-577-9100 Job No. 10834.01

FILE NAME =	USER NAME = bmoreno	DESIGNED - BSM	REVISED -
16 - 10834.Existing Plans.dgn	PLOT SCALE =	CHECKED - JHG	REVISED -
	PLOT DATE = 2/13/2024	DRAWN - KMS	REVISED -
		CHECKED - JHG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

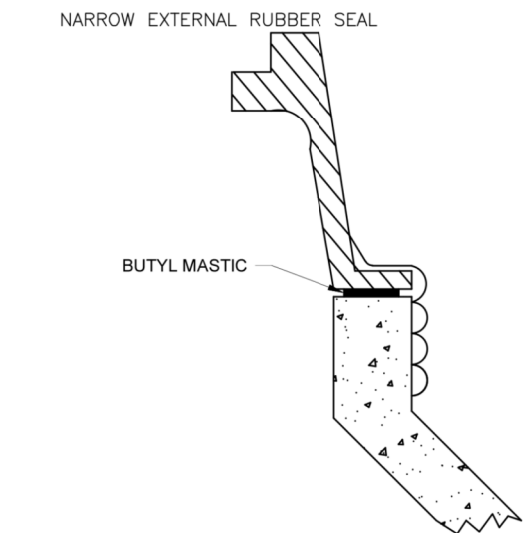
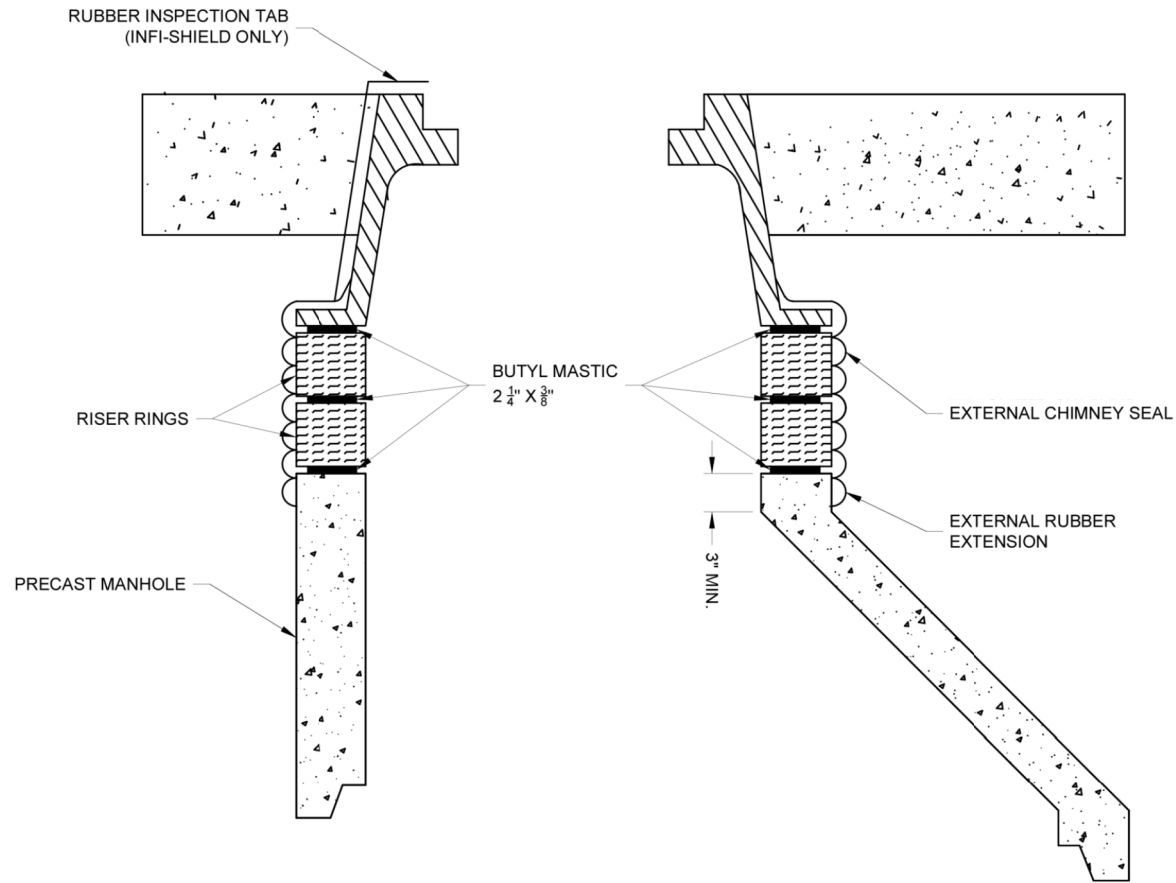
EXISTING PLANS (3 OF 3)
STRUCTURE NO. 022-0169
SHEET NO. S16 OF S16 SHEET

FOR INFORMATION ONLY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET	SHEET NO.
2561	20-00123-00-PV	DU PAGE	257	185
				CONTRACT NO. 61K32
				ILLINOIS FED. AID PROJECT

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SANITARY MANHOLE EXTERNAL CHIMNEY SEAL



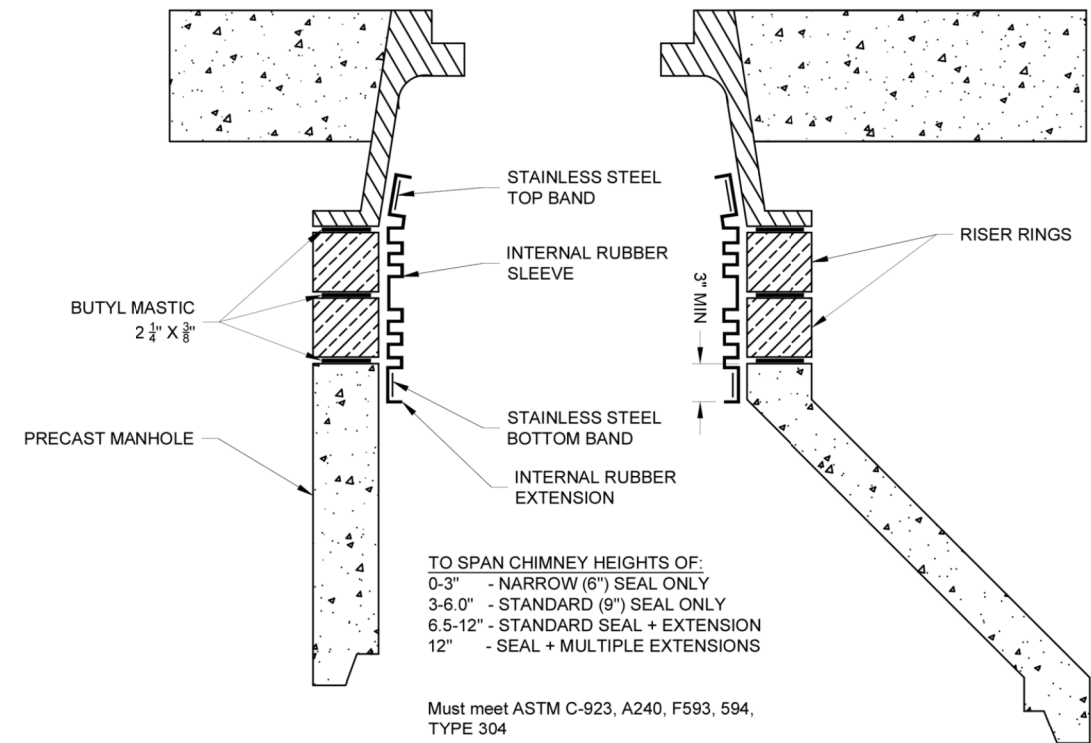
TO SPAN CHIMNEY HEIGHTS OF:
 0-3" - NARROW (6") SEAL ONLY
 3-6.0" - STANDARD (9") SEAL ONLY
 6.5-12" - STANDARD SEAL + EXTENSION
 12" - SEAL + MULTIPLE EXTENSIONS

Must meet ASTM C-923, A240, F593, 594, TYPE 304

Maximum adjustment of 8" using 2 rings.

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 17	
DATE: 12-07-20	FILE NAME: Sanitary Manhole External Chimney Seal.dwg

SANITARY SEWER INTERNAL CHIMNEY SEAL



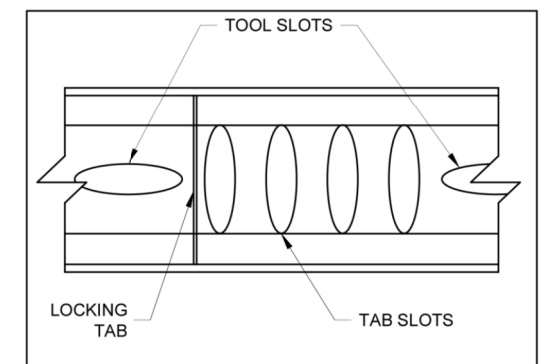
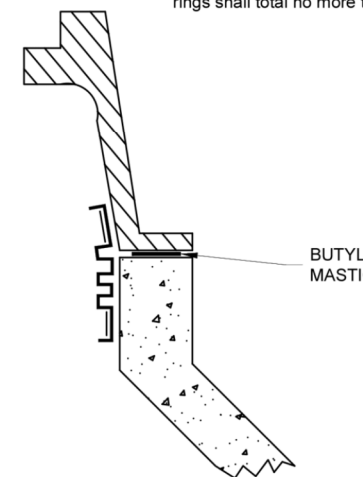
TO SPAN CHIMNEY HEIGHTS OF:
 0-3" - NARROW (6") SEAL ONLY
 3-6.0" - STANDARD (9") SEAL ONLY
 6.5-12" - STANDARD SEAL + EXTENSION
 12" - SEAL + MULTIPLE EXTENSIONS

Must meet ASTM C-923, A240, F593, 594, TYPE 304

NARROW INTERNAL RUBBER SEAL

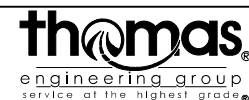
The maximum amount of adjustment for frame elevation is 8" with 2 riser rings. Concrete adjusting rings shall have a minimum thickness of 2". Rubber adjusting rings shall total no more than 3".

STAINLESS STEEL ADJUSTMENT BAND



CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 18	
DATE: 12-07-20	FILE NAME: Sanitary Manhole Internal Chimney Seal.dwg

MODEL: Default
 FILE NAME: C:\p05\050303-016 Wheaton Gary Avenue Phase II\05_CADD\01_MODEL\03_SHT\17-18.dwg



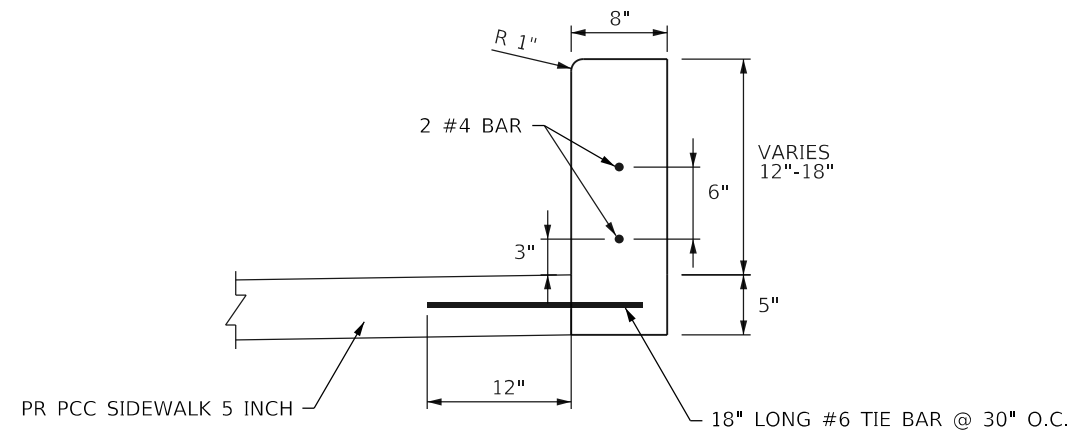
USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	186
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

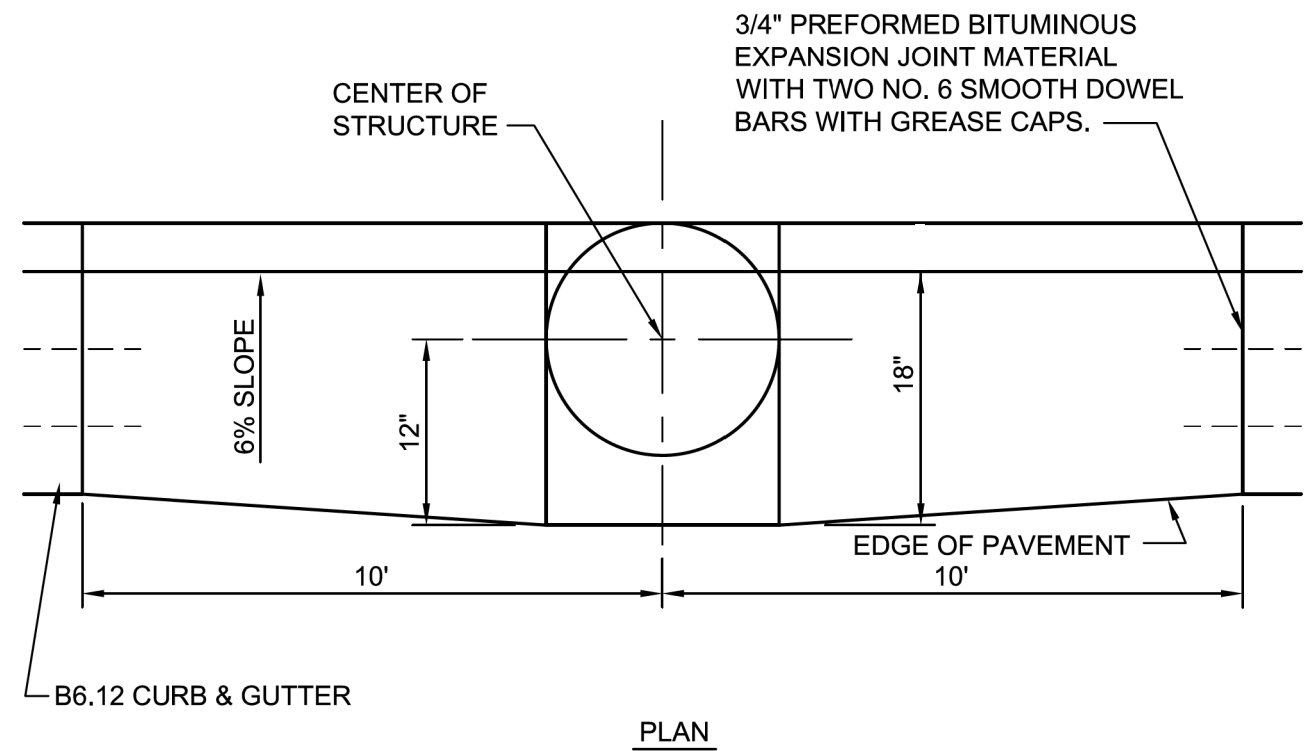
CONCRETE CURB, TYPE B (SPECIAL)



NOTE

1. ALL REBAR SHALL BE EPOXY COATED AND INCLUDED IN THE COST OF CONCRETE CURB, TYPE B (SPECIAL)

GUTTER FLARE AT CURB INLETS



NOTE

1. GRATE AND CASTING SHALL BE IDOT FRAME AND GRATE TYPE 3. REFER TO IDOT HIGHWAY STANDARD 604006-05.

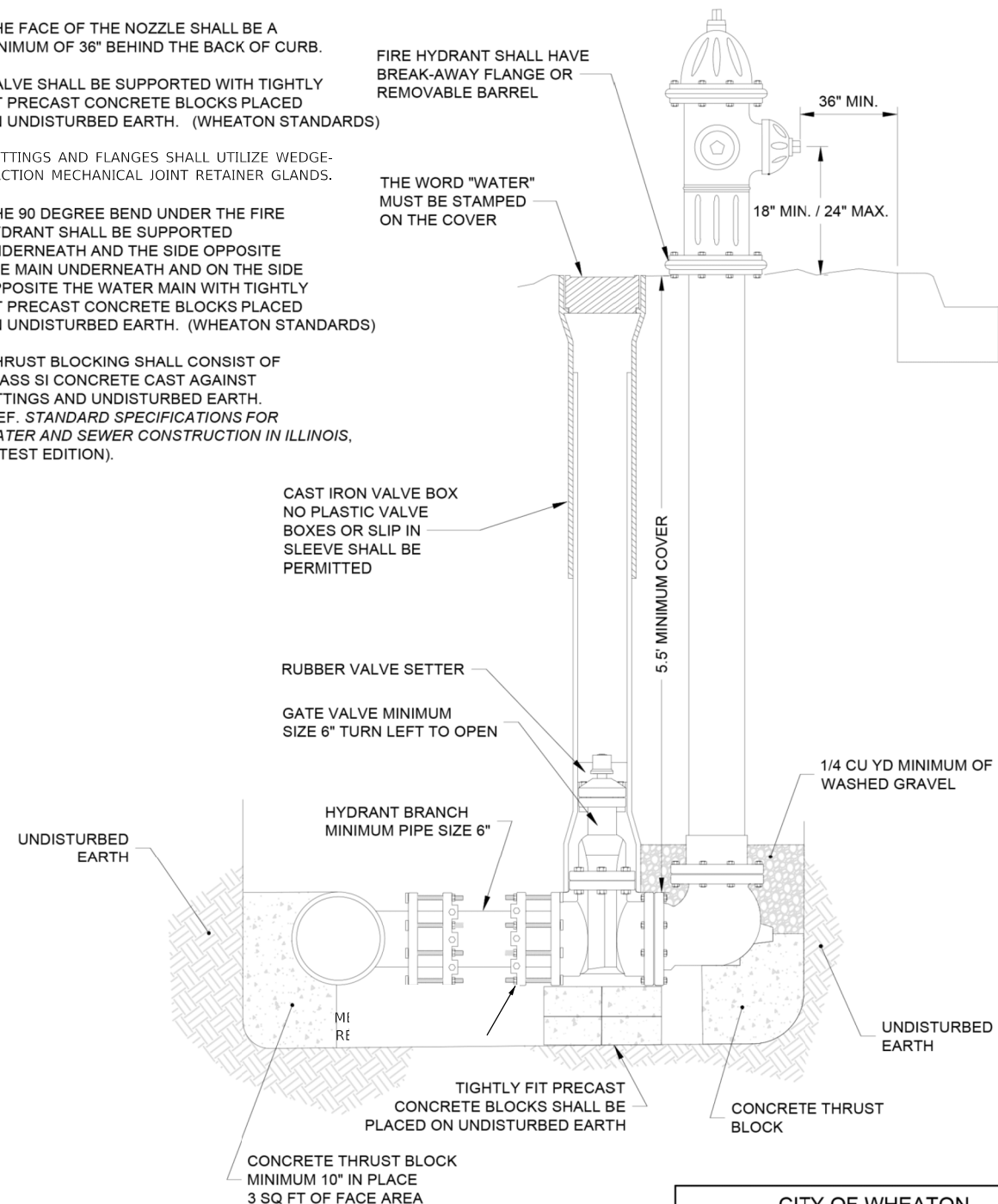
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PLOT SCALE = 40.0000 ' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	187
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				

FIRE HYDRANT AND VALVE DETAIL

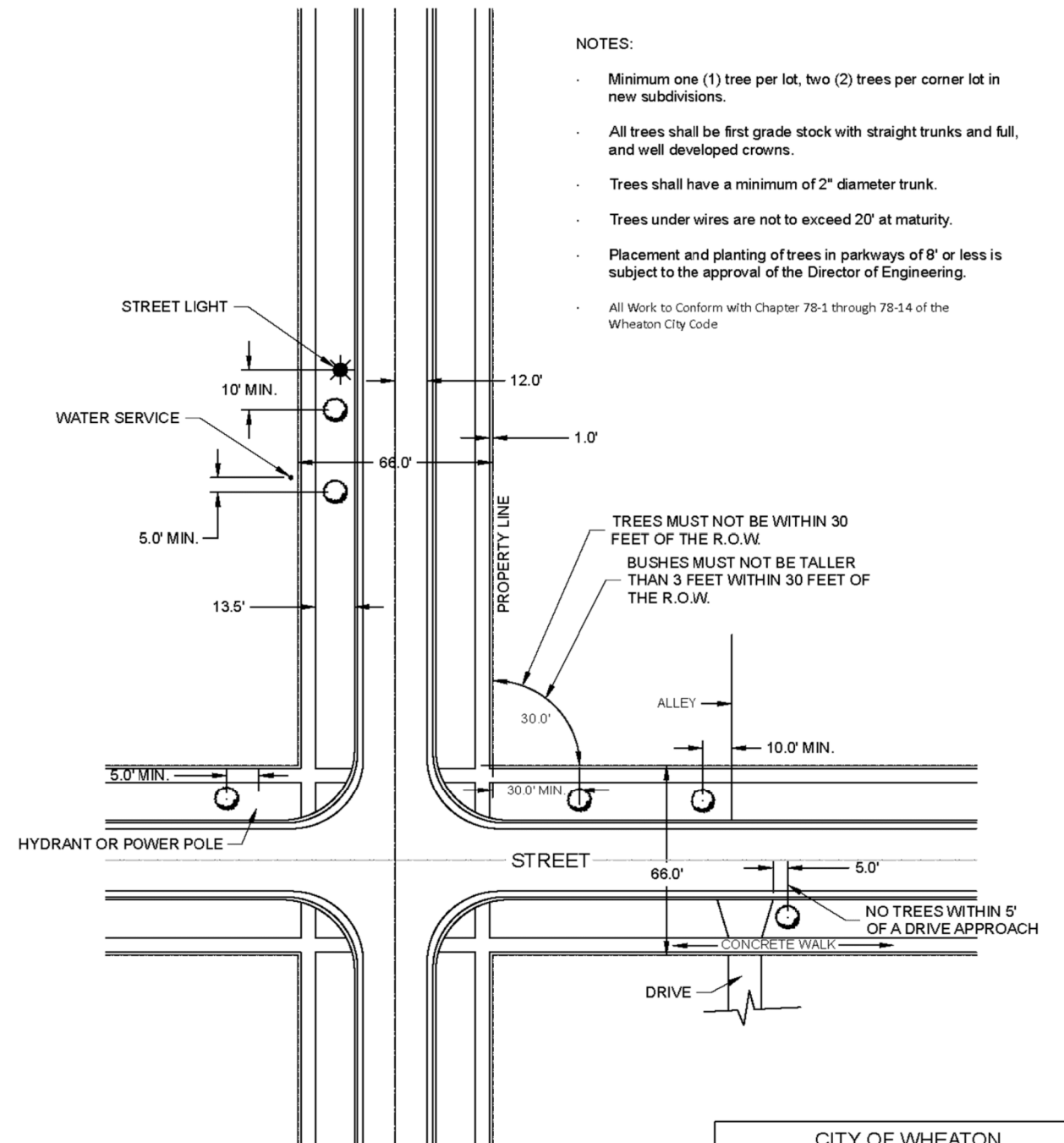
1. FIRE HYDRANT SHALL BE INSTALLED WITH THE STEAMER NOZZLE FACING THE STREET.
2. THE FACE OF THE NOZZLE SHALL BE A MINIMUM OF 36" BEHIND THE BACK OF CURB.
3. VALVE SHALL BE SUPPORTED WITH TIGHTLY FIT PRECAST CONCRETE BLOCKS PLACED ON UNDISTURBED EARTH. (WHEATON STANDARDS)
4. FITTINGS AND FLANGES SHALL UTILIZE WEDGE-ACTION MECHANICAL JOINT RETAINER GLANDS.
5. THE 90 DEGREE BEND UNDER THE FIRE HYDRANT SHALL BE SUPPORTED UNDERNEATH AND THE SIDE OPPOSITE THE MAIN UNDERNEATH AND ON THE SIDE OPPOSITE THE WATER MAIN WITH TIGHTLY FIT PRECAST CONCRETE BLOCKS PLACED ON UNDISTURBED EARTH. (WHEATON STANDARDS)
6. THRUST BLOCKING SHALL CONSIST OF CLASS SI CONCRETE CAST AGAINST FITTINGS AND UNDISTURBED EARTH. (REF. STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION).



CITY OF WHEATON
 DESIGN DETAILS AND STANDARDS
 FIGURE # 30
 DATE: 12-07-20 FILE NAME: Fire Hydrant and Valve.dwg

PARKWAY TREE PLANTING STANDARDS

For more information reference "Wheaton City Code" Section 62-294; Chapter 78, 70-208
 Wheaton Zoning Ordinance, Sec 6.5.3.

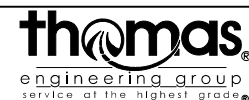


NOTES:

- Minimum one (1) tree per lot, two (2) trees per corner lot in new subdivisions.
- All trees shall be first grade stock with straight trunks and full, and well developed crowns.
- Trees shall have a minimum of 2" diameter trunk.
- Trees under wires are not to exceed 20' at maturity.
- Placement and planting of trees in parkways of 8' or less is subject to the approval of the Director of Engineering.
- All Work to Conform with Chapter 78-1 through 78-14 of the Wheaton City Code

CITY OF WHEATON
 DESIGN DETAILS AND STANDARDS
 FIGURE # 43
 DATE: 12-07-20 FILE NAME: Parkway Tree Standards.dwg

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 FILE NAME: C:\Users\kylevz\OneDrive\Work\Projects\Wheaton\Phase II\05_CADD\01_MODEL\03_SHT\Detail-FireHydrant.dwg



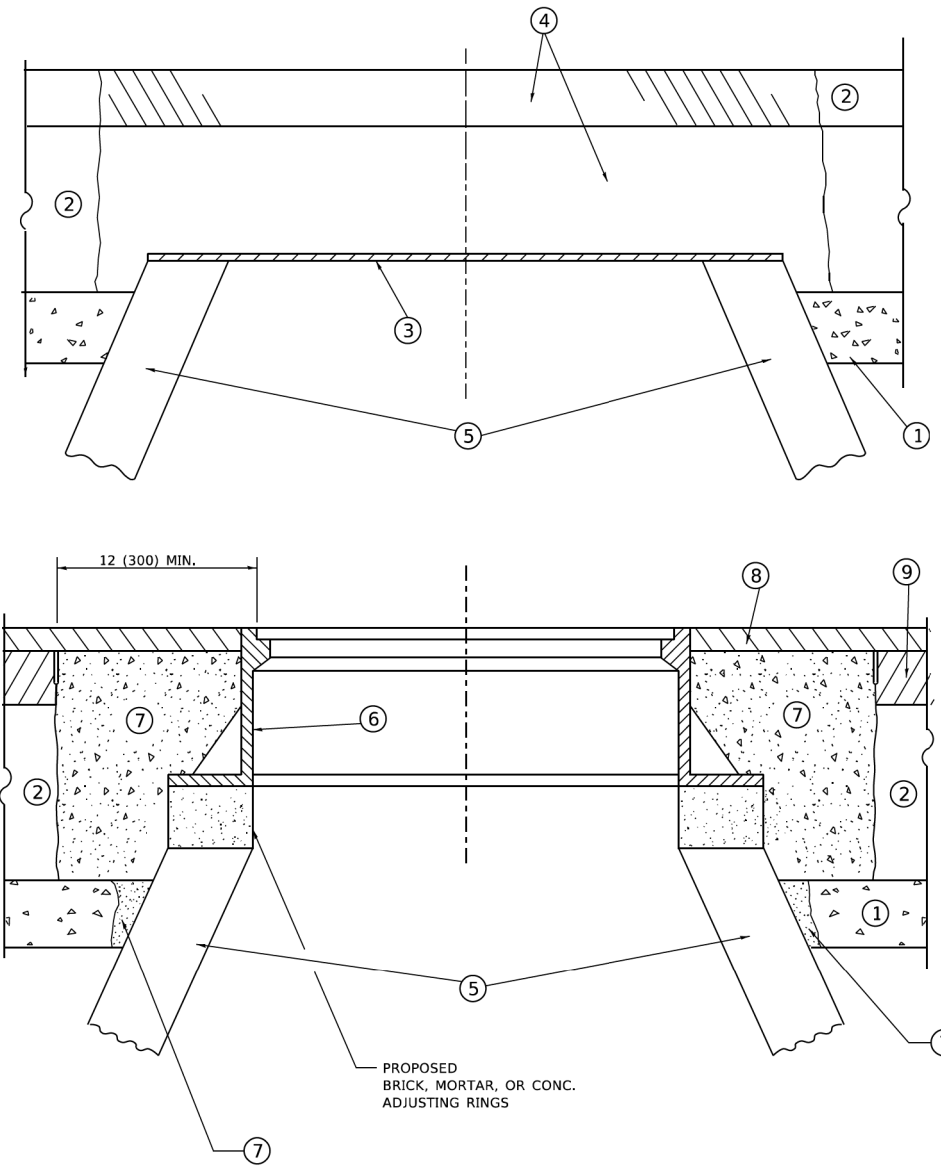
USER NAME = KyleVZ	DESIGNED - KVZ	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 2/20/2024	CHECKED - JMY	REVISED -
	DATE - 02/14/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.
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CONSTRUCTION DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	188
CONTRACT NO. 61K32				
ILLINOIS FED. AID PROJECT				



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

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.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* 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 | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

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.
- 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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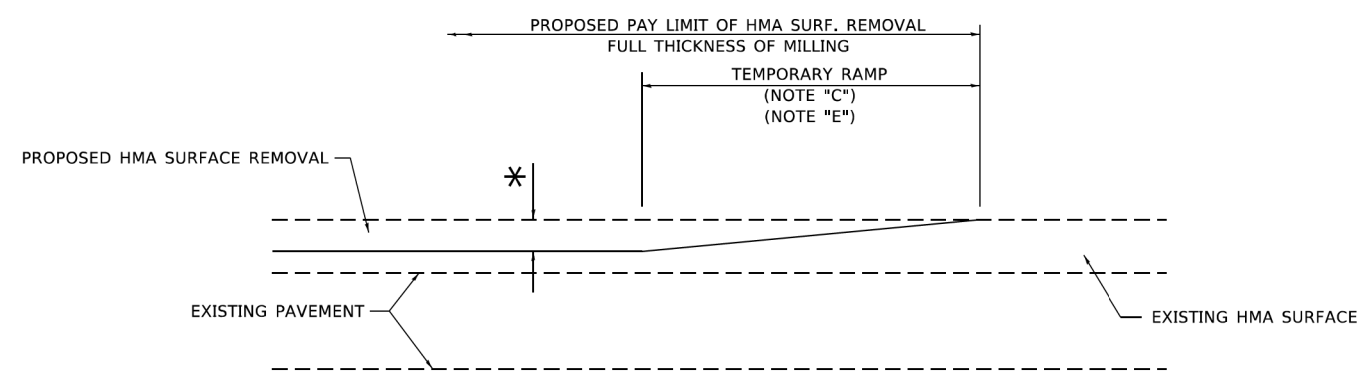
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	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

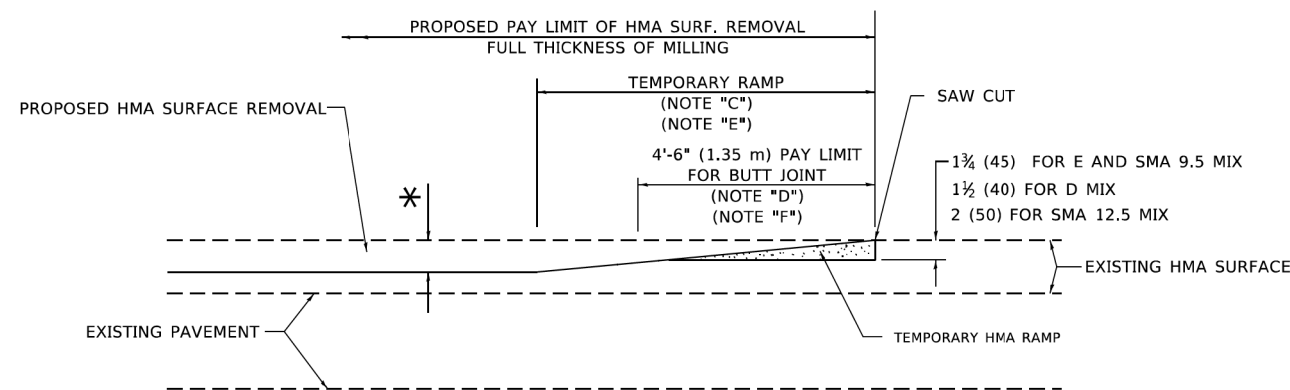
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	189
BD600-03 (BD-08)			CONTRACT NO. 61K32	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

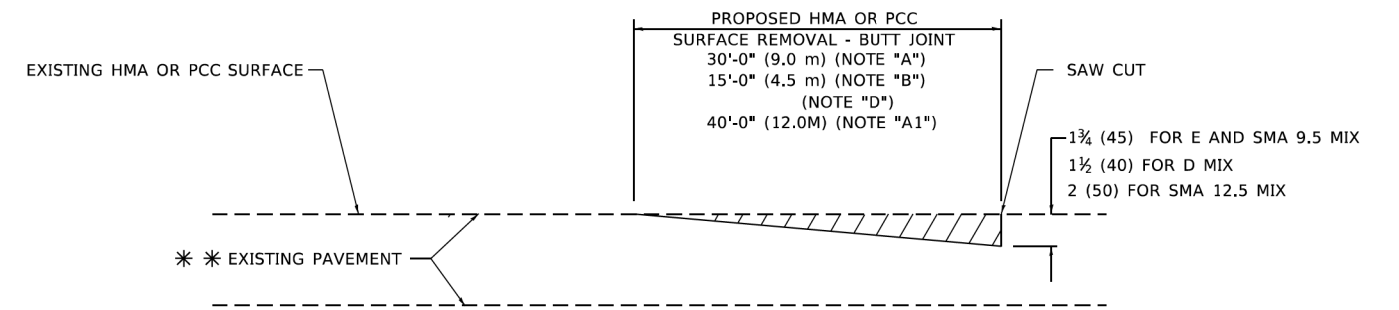
OPTION 1



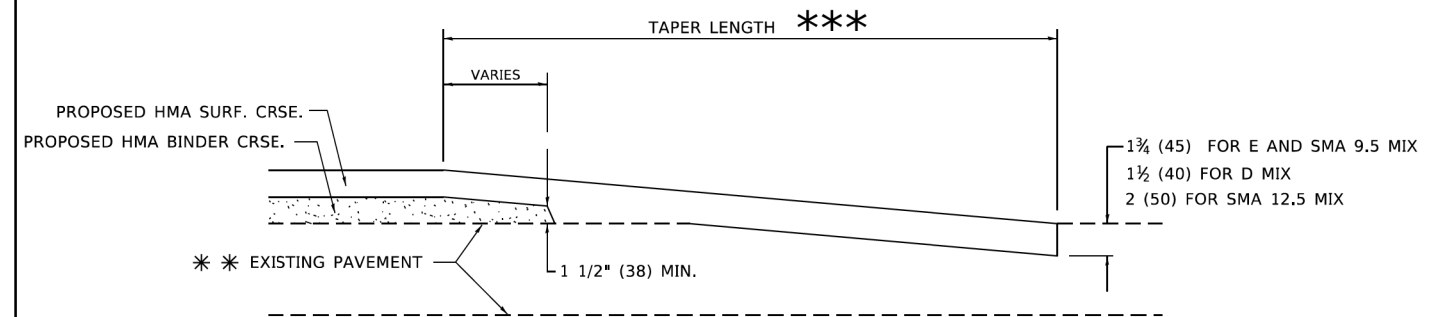
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

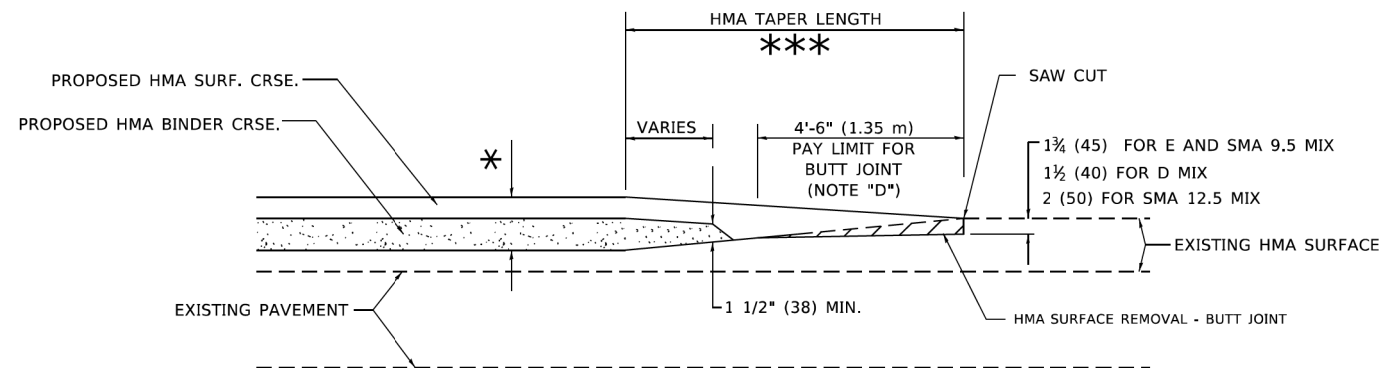
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. 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".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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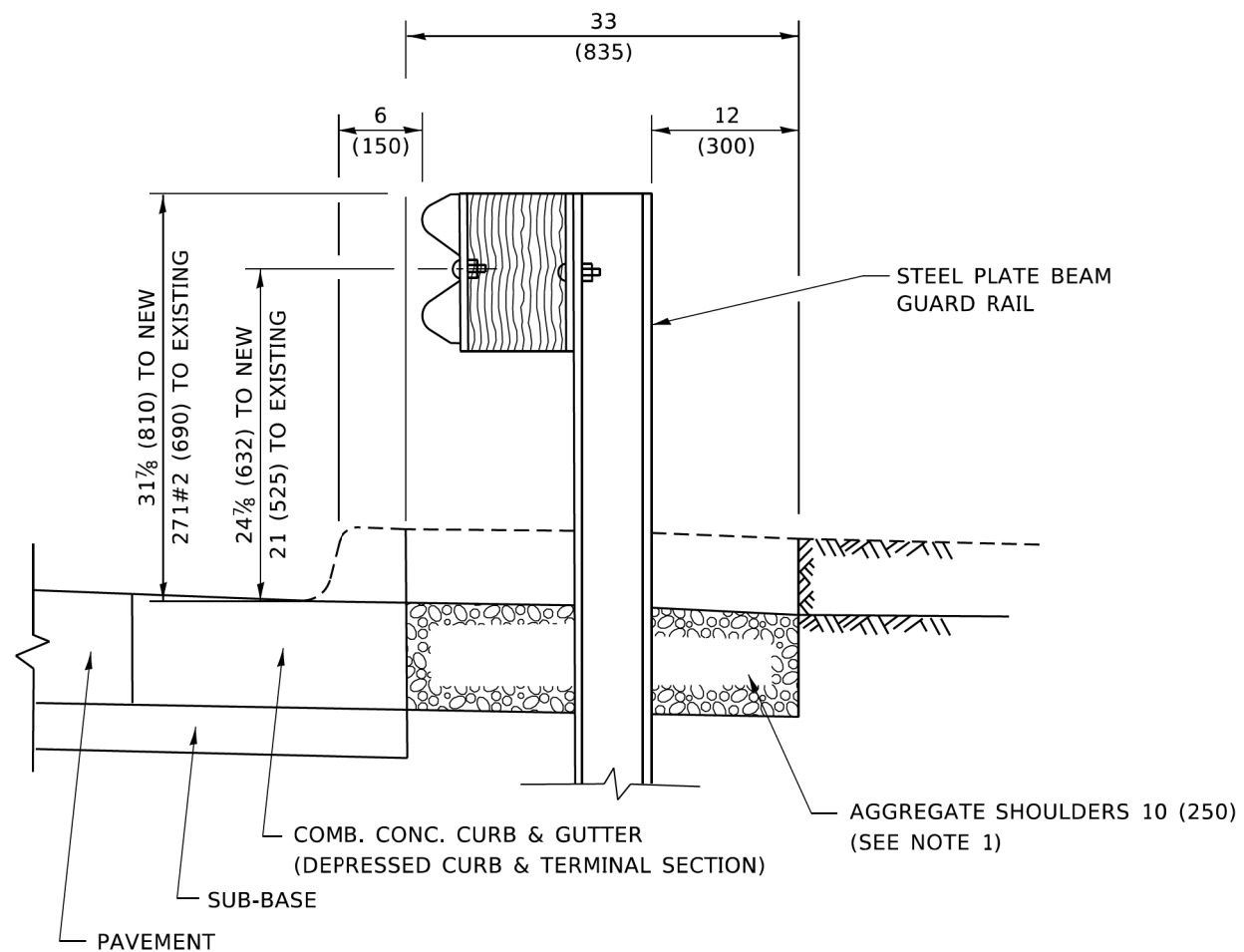
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-05 BD-32		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

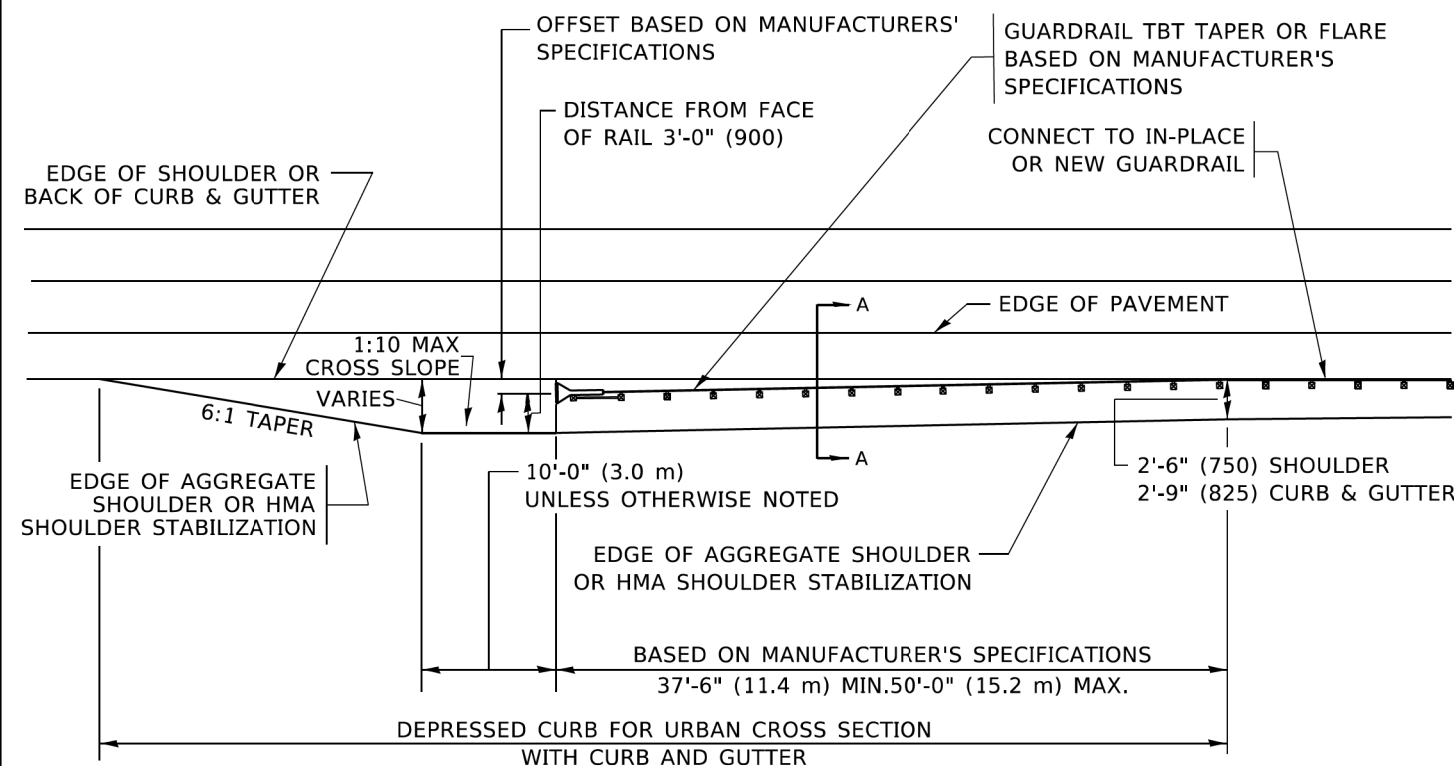


SECTION A-A

NOTES:

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

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



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

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

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

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

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

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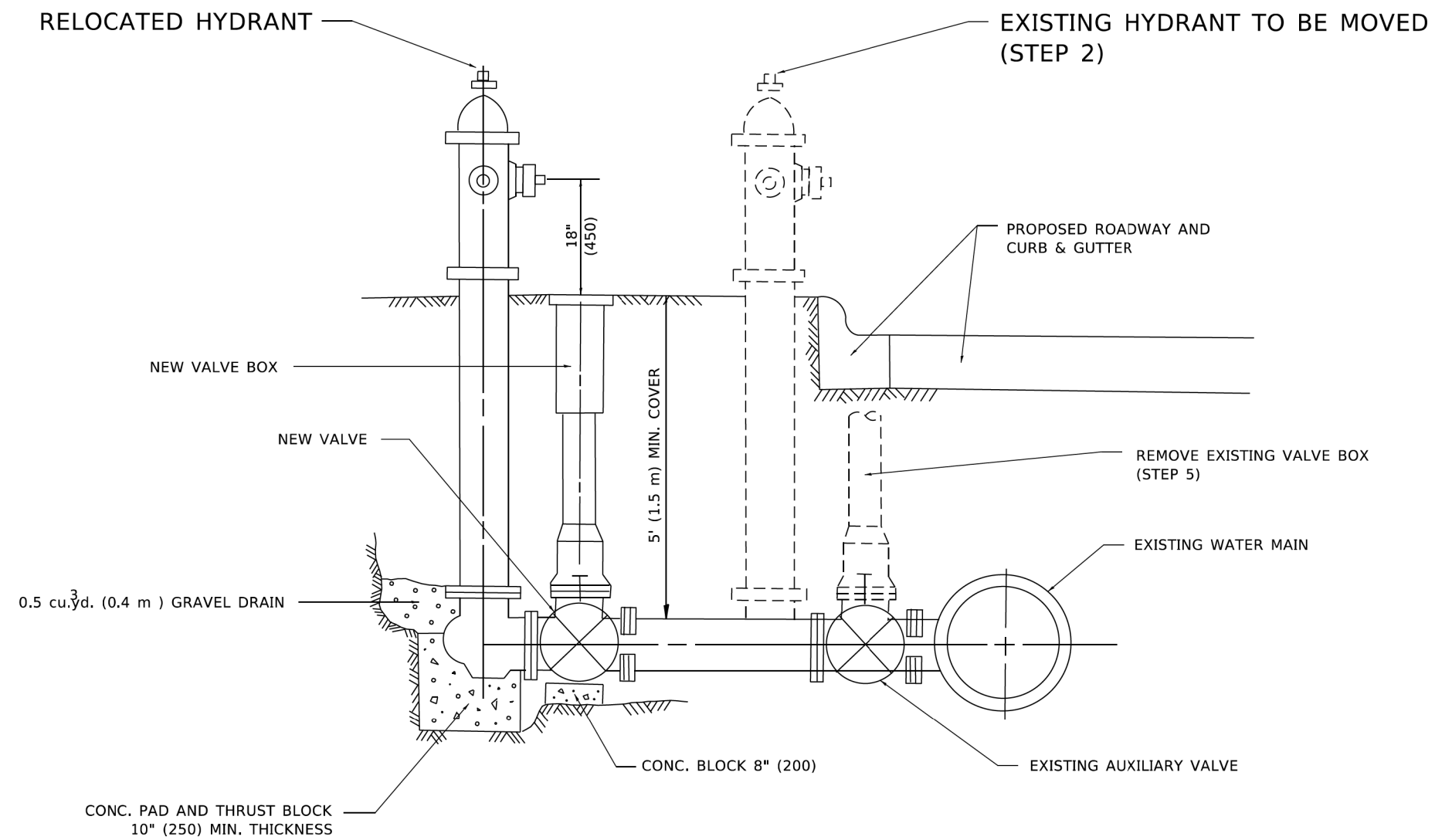
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	DRAWN -	REVISED - R. BORO 08-06-2012
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 05-08-2015
PLOT DATE = 11/18/2022	DATE - 09-22-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	191
BD600-10 (BD-34)		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

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

NOTE:

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

FIRE HYDRANT TO BE MOVED

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

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	DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 11/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIRE HYDRANT TO BE MOVED

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	192
BD-36		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

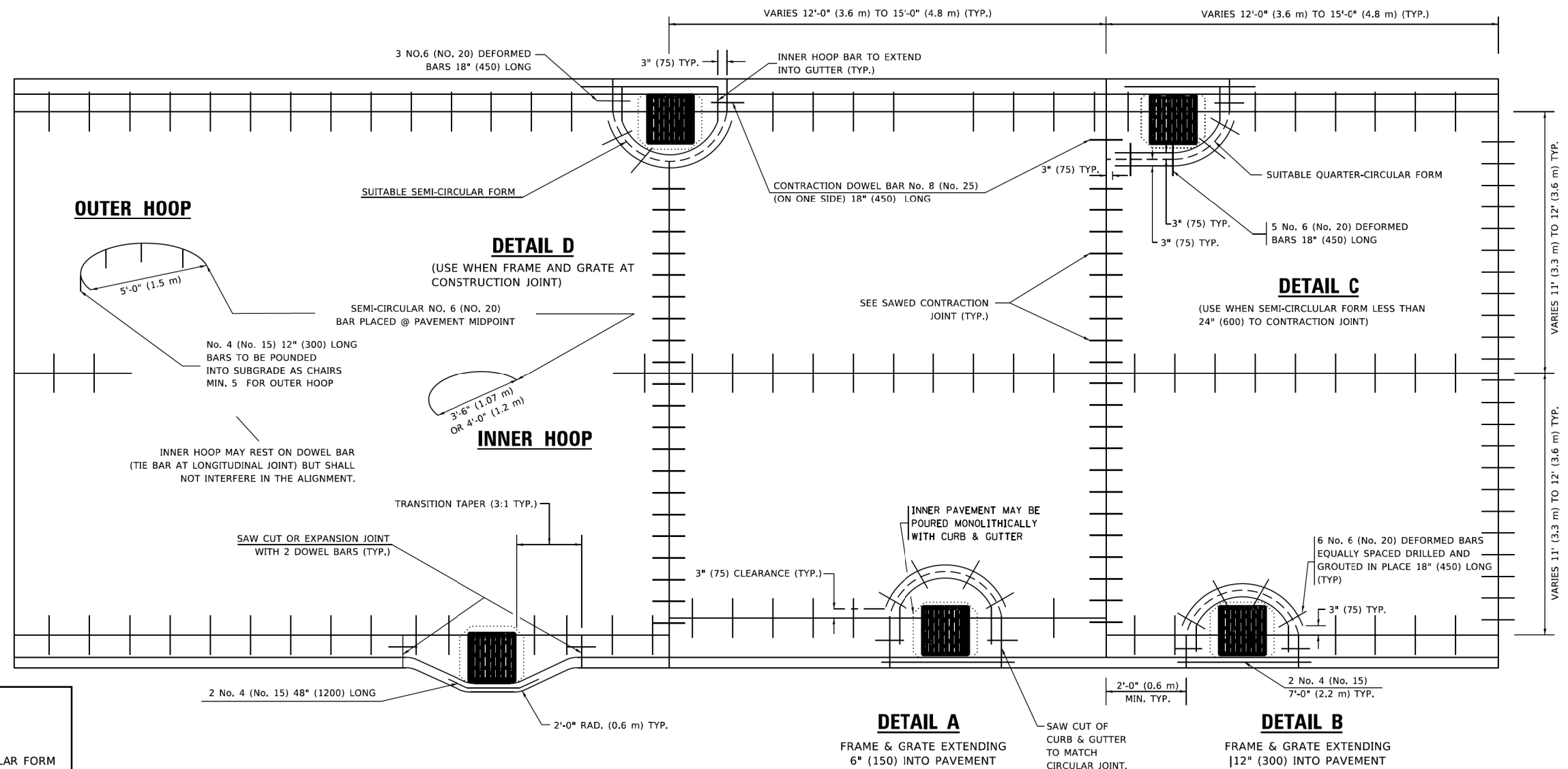
GENERAL NOTES

1. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
2. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
3. ALL REINFORCED BARS SHALL BE EPOXY COATED.
4. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
5. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
6. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
7. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
8. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.

BASIS OF PAYMENT

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.

DESIGNER NOTE
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"



**TRANSITION CURB & AND GUTTER INTO PARKWAY
(PREFERRED BECAUSE PAVING OF MAINLINE NOT AFFECTED.)**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

LEGEND	
.....	CASTING
-----	SUITABLE SEMI-CIRCULAR FORM

USER NAME = Lawrence,DeManche	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 10-02-00
	DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 04-25-02
PLOT SCALE = 100.0000' / in.	CHECKED - A. ABBAS	REVISED - P. LAFLEUR 08-27-02
PLOT DATE = 11/18/2022	DATE - 01-04-99	REVISED - K. SMITH 11-18-22

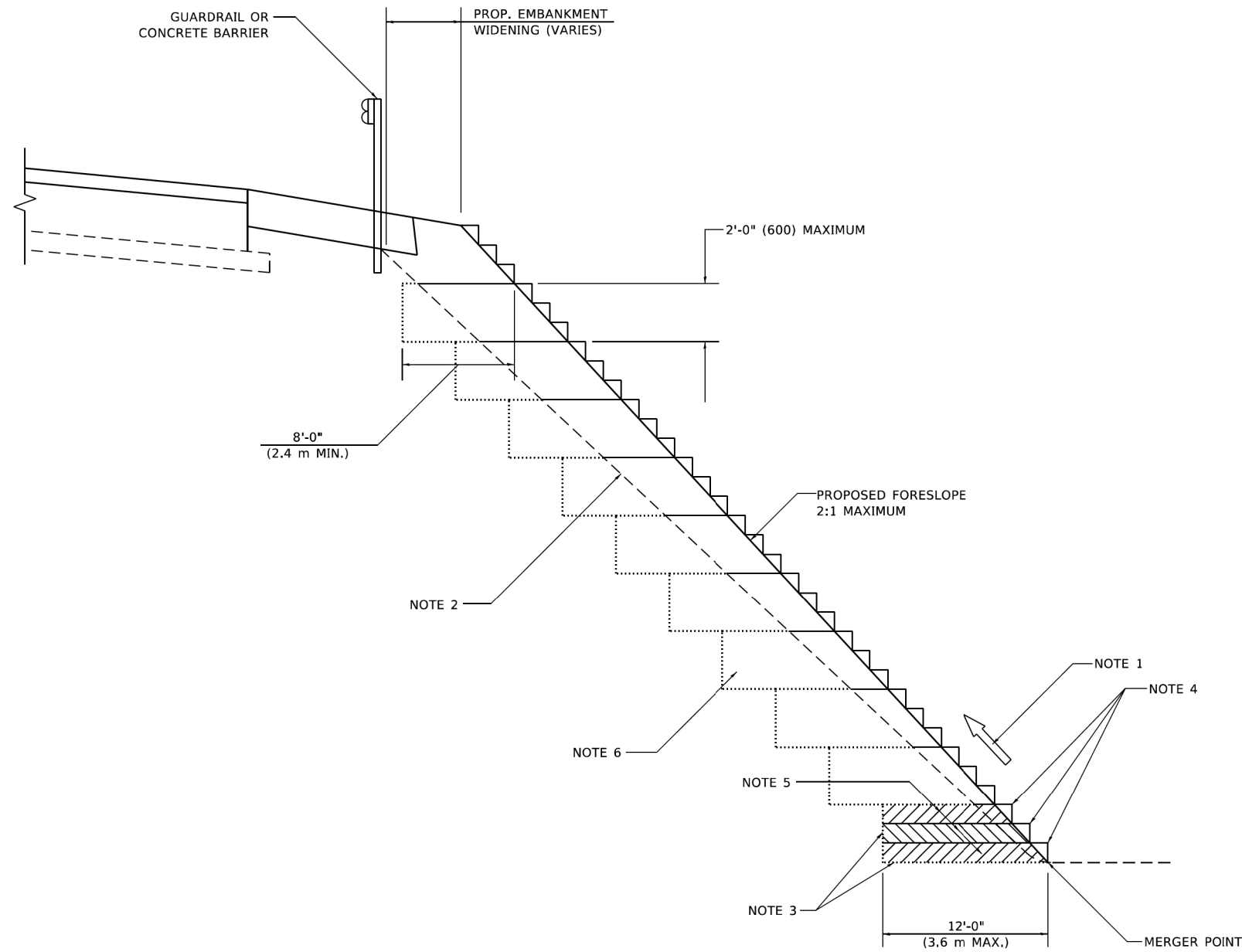
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT
CURB AND GUTTER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	193
BD-48			CONTRACT NO. 61K32	
ILLINOIS FED. AID PROJECT				

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**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

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

BASIS OF PAYMENT

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

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

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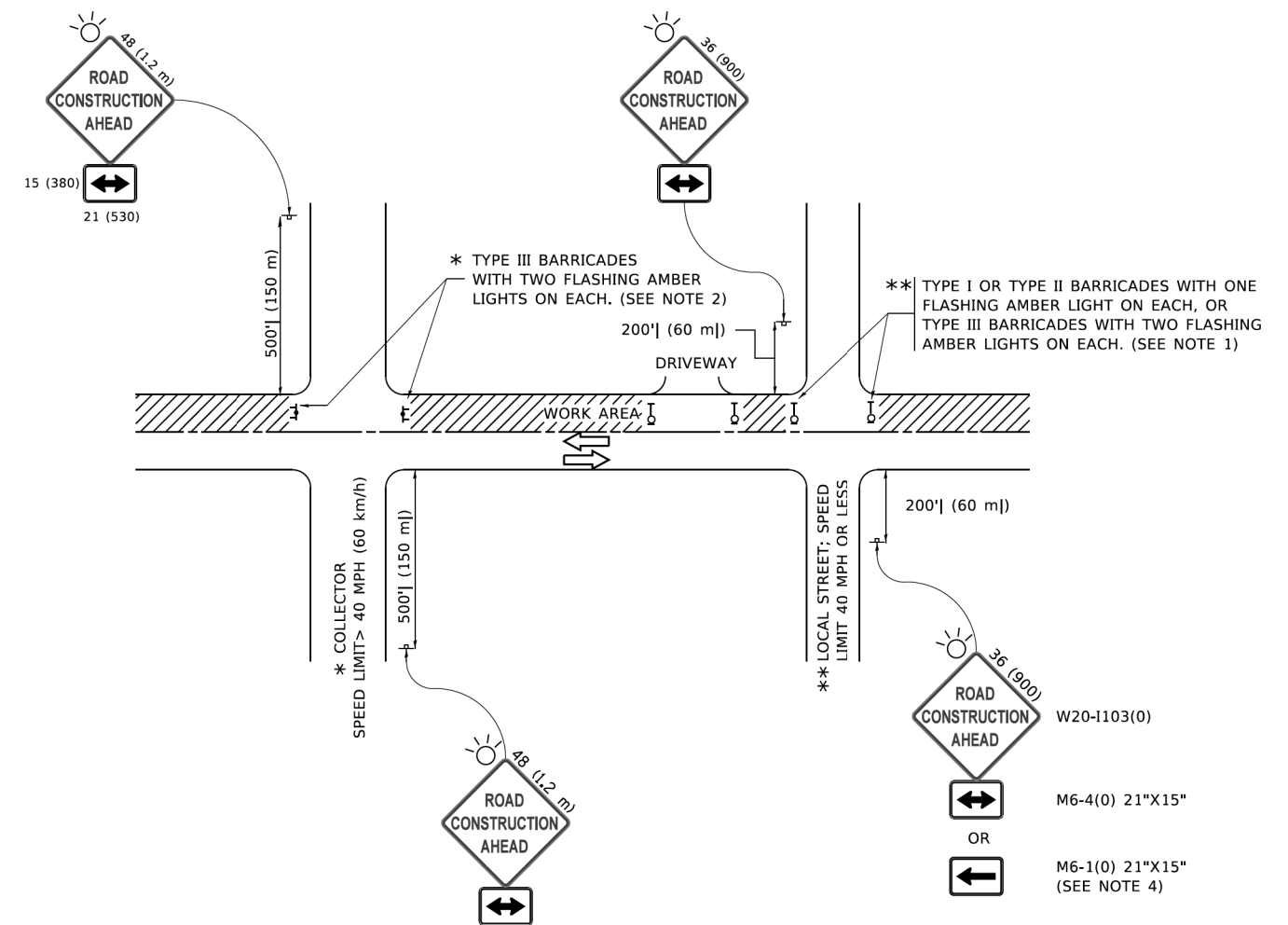
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	DRAWN - CADD	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.E.B.	REVISED -
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	194
BD-51			CONTRACT NO. 61K32	
ILLINOIS FED. AID PROJECT				



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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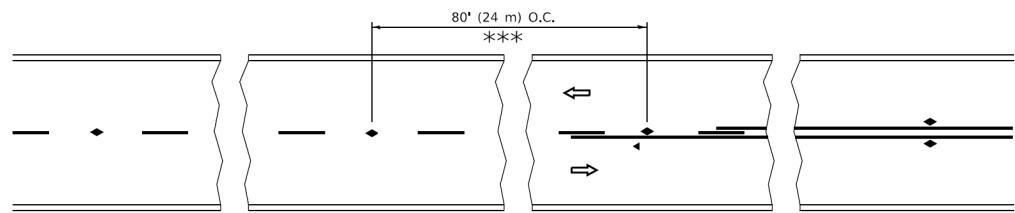
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

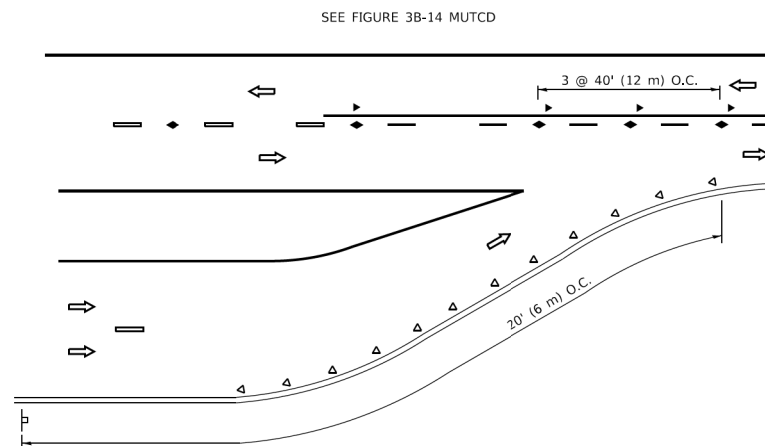
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TC-10		CONTRACT NO. 61K32		
ILLINOIS FED. AID PROJECT				

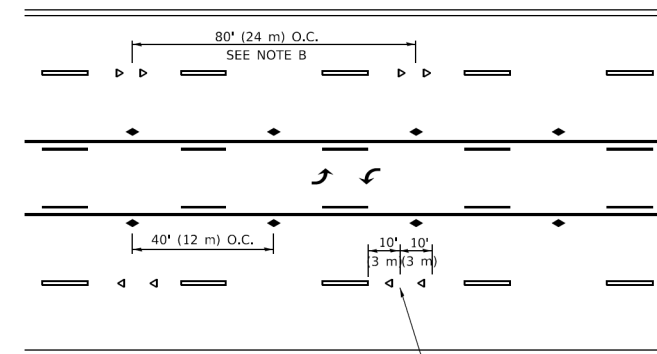


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

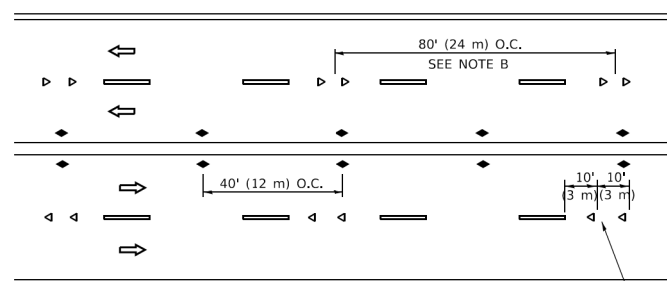
TWO-LANE/TWO-WAY



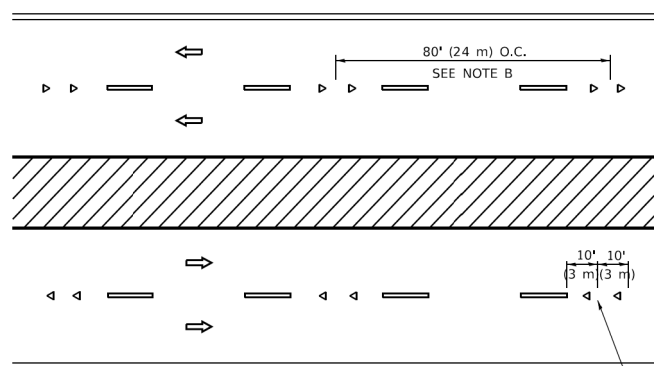
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

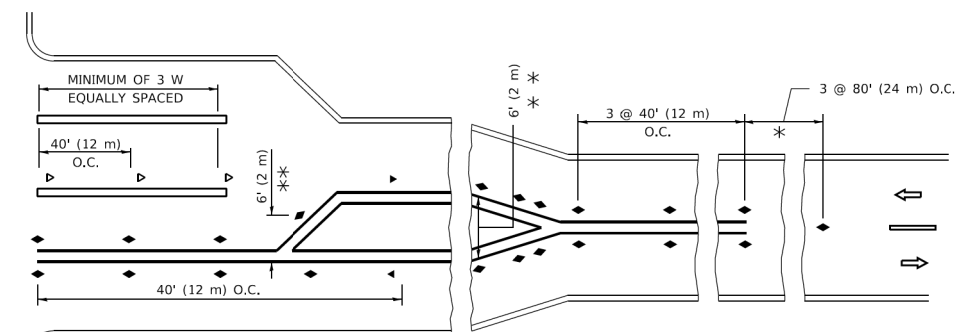
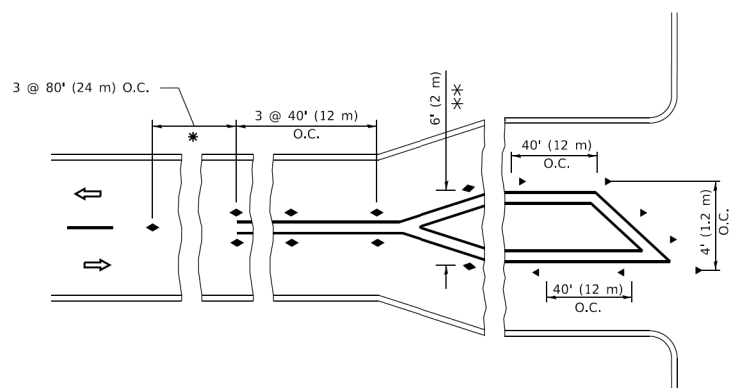
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



TURN LANES

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

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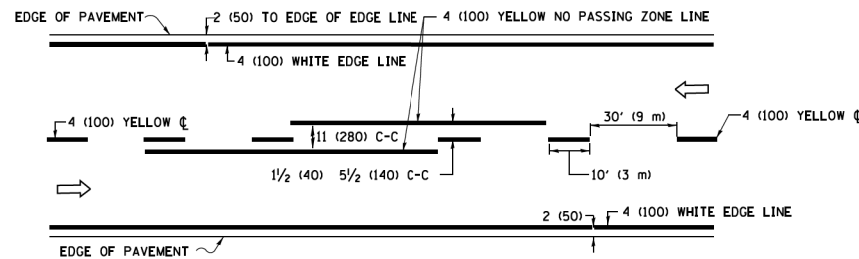
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

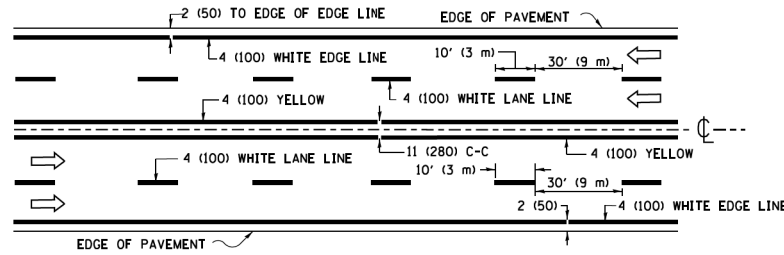
**TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

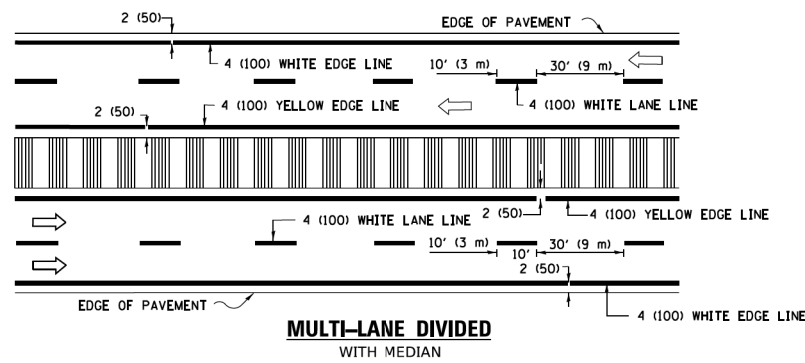
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	196
TC-11		CONTRACT NO. 61K32		
ILLINOIS		FED. AID PROJECT		



2-LANE ROADWAY

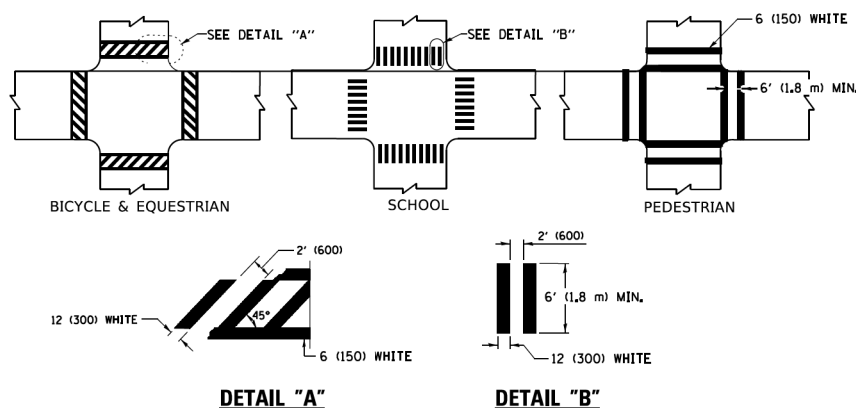


MULTI-LANE UNDIVIDED



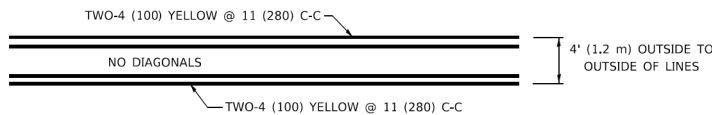
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

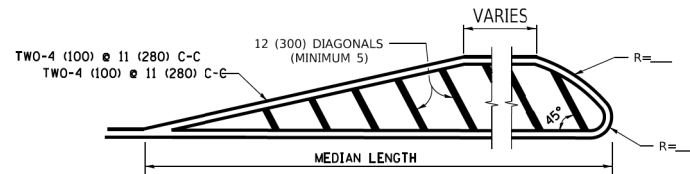


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

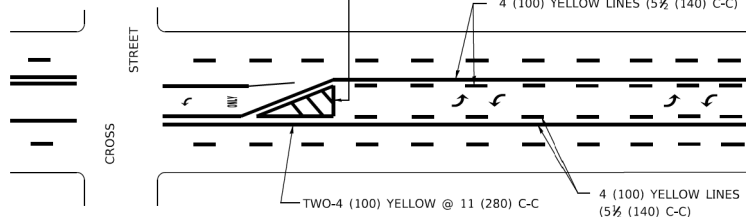


4' (1.2 m) WIDE MEDIANS ONLY



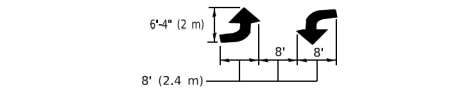
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

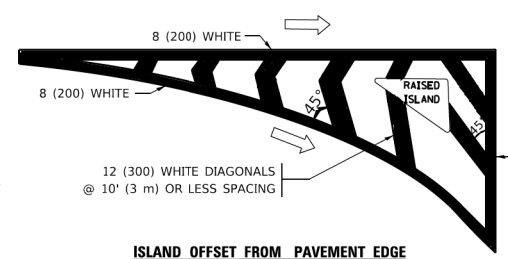
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



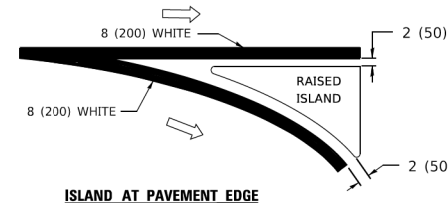
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* 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".

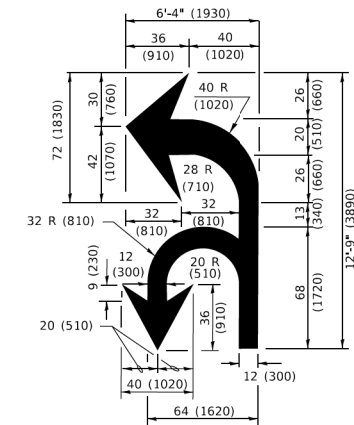


ISLAND OFFSET FROM PAVEMENT EDGE

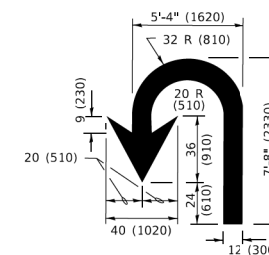


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) APART 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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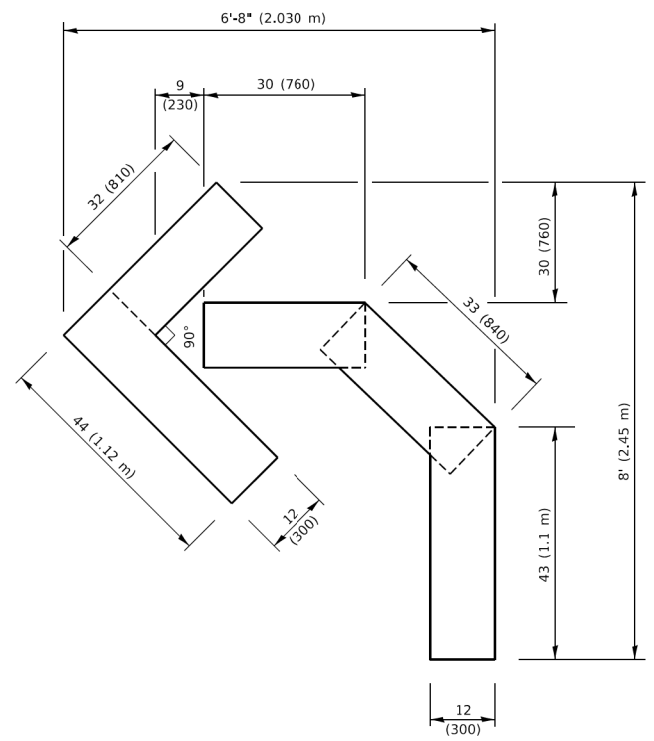
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

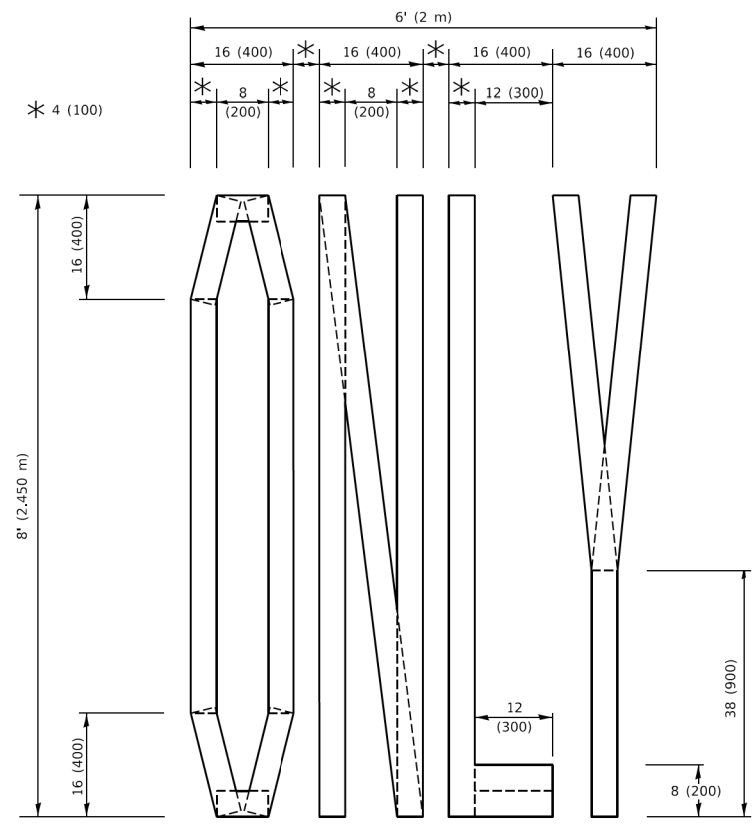
**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

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

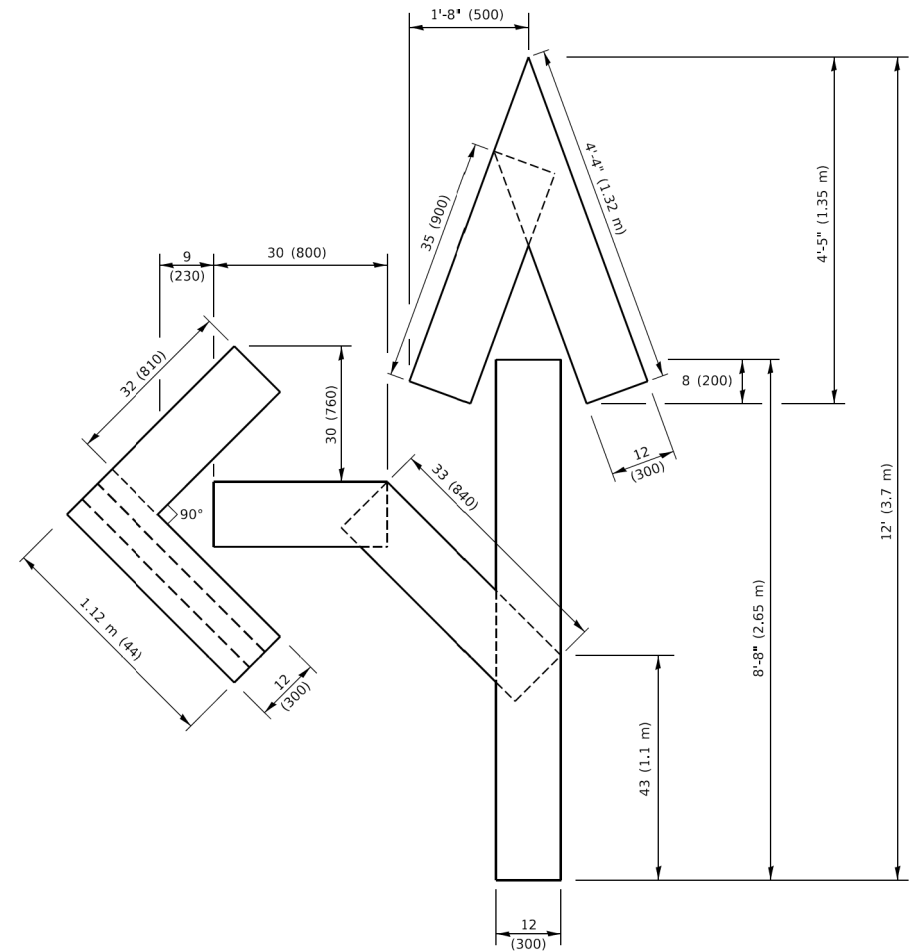
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	197
TC-13			CONTRACT NO. 61K32	
ILLINOIS		FED. AID PROJECT		



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

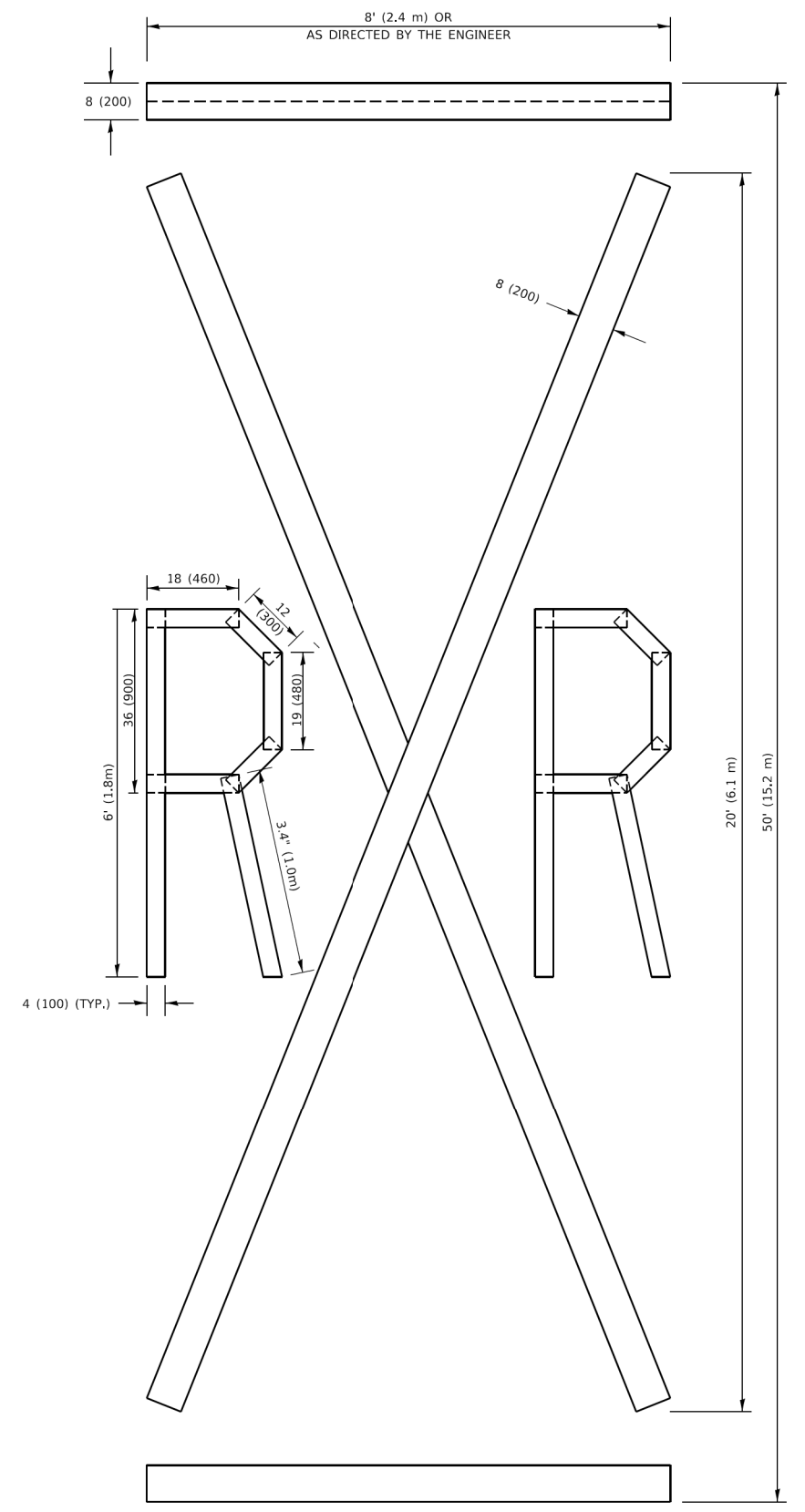


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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.

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USER NAME = footem]	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	198
TC-16		CONTRACT NO. 61K32		
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ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

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

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

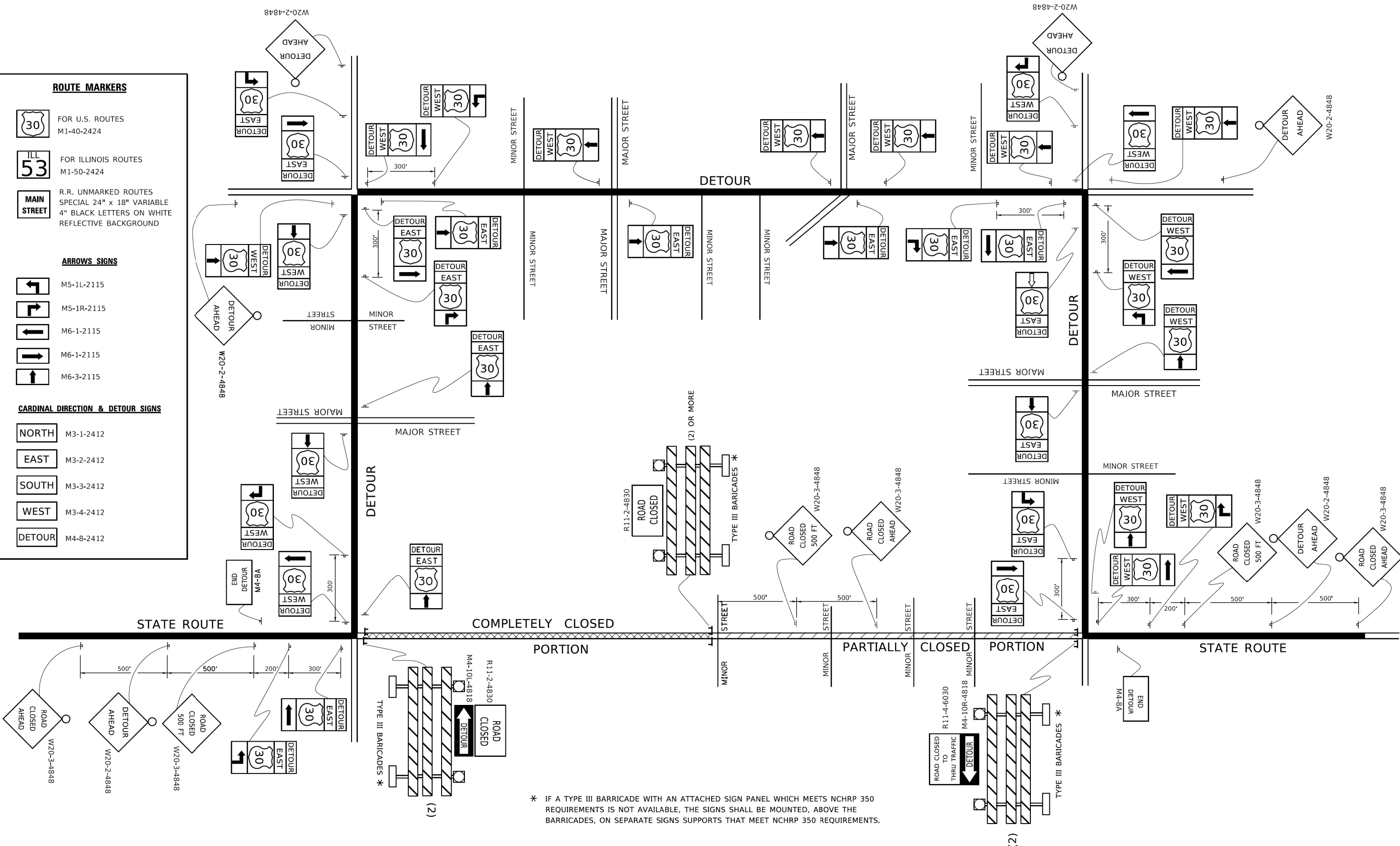
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



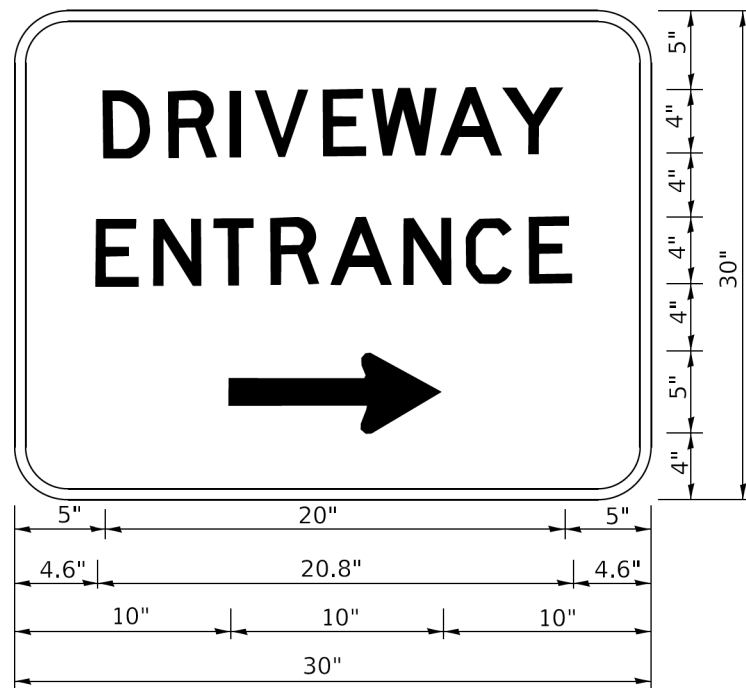
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = footemj	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE. 2561	SECTION 20-00123-00-PV	COUNTY DUPAGE	TOTAL SHEETS 257	SHEET NO. 199
TC-21		CONTRACT NO. 61K32		
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".

MODEL: Default
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USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2561	20-00123-00-PV	DUPAGE	257	200
TC-26			CONTRACT NO. 61K32	
ILLINOIS FED. AID PROJECT				