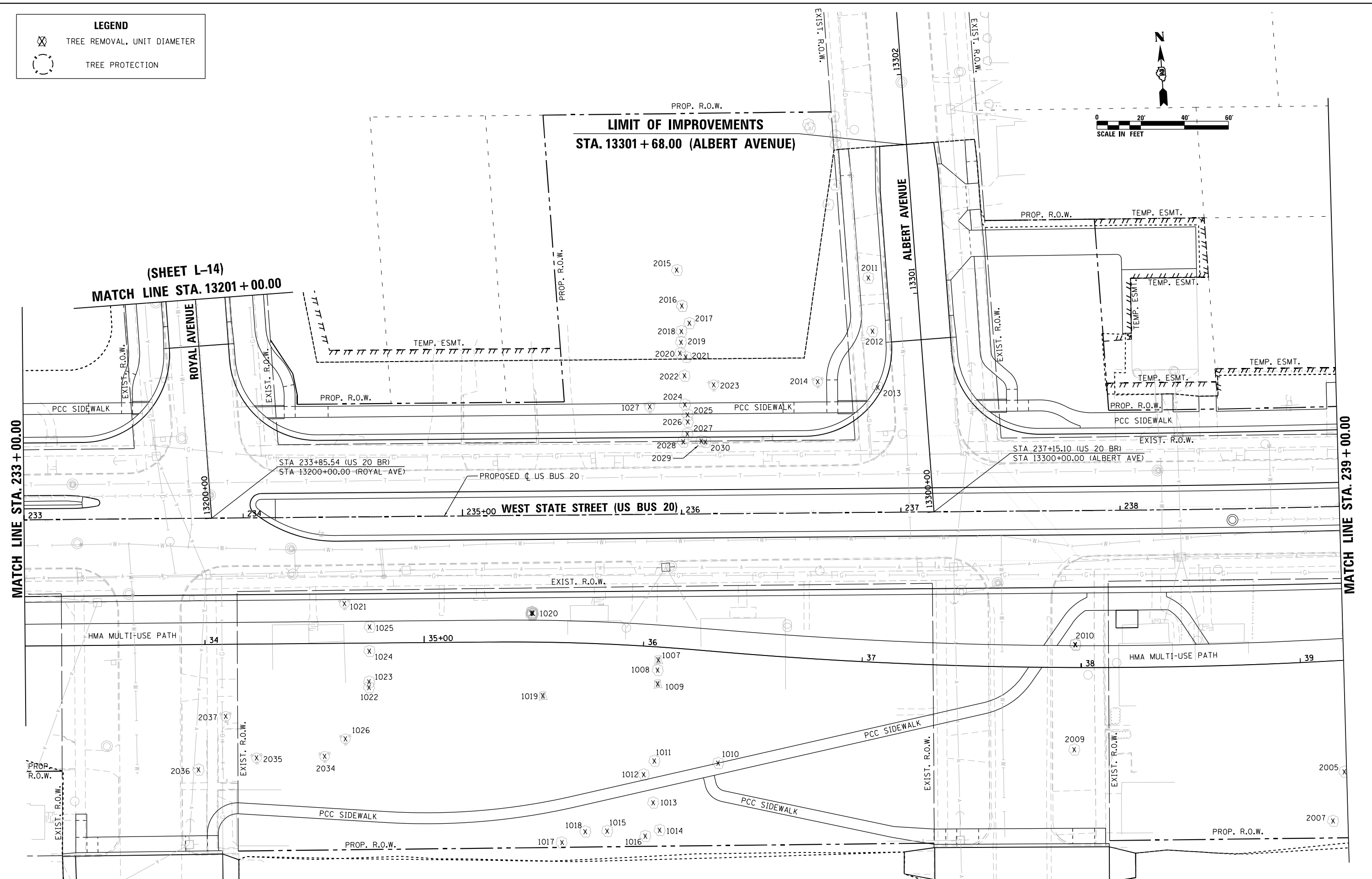
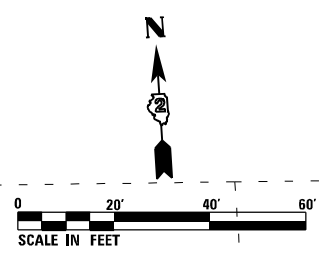


LEGEND

⊗ TREE REMOVAL, UNIT DIAMETER

○ TREE PROTECTION



HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-shr-treepres09.dgn
 PLOT DRIVER: #PLOT.DRV#
 PEN TABLE: #PEN.TABLE#

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = EtzwilE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-shr-treepres09.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

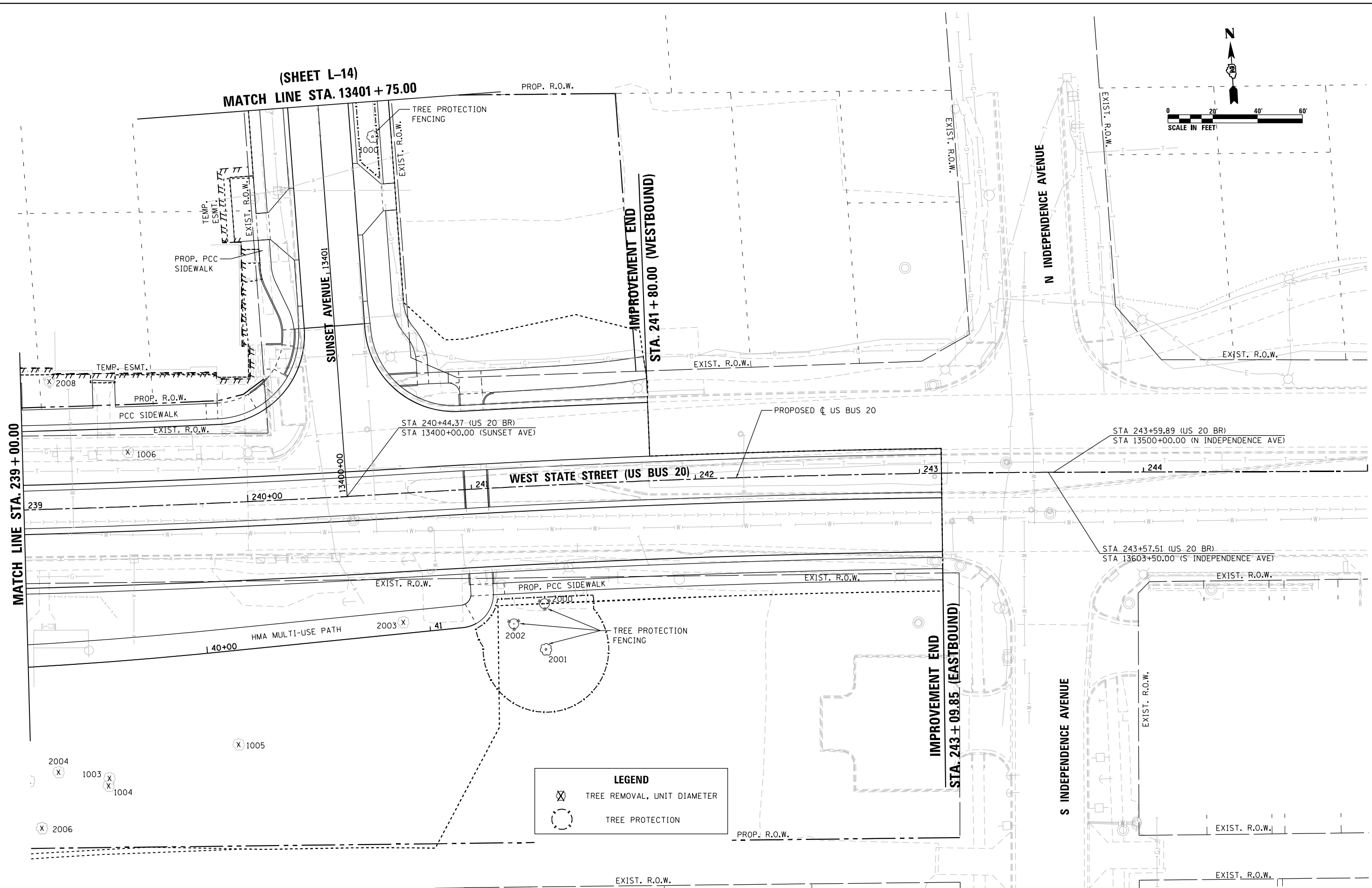
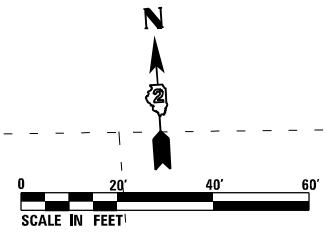
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TREE REMOVAL & PRESERVATION PLAN
 WEST STATE STREET (US BUS 20)**

SCALE: 1"=20' SHEET NO. L-10 OF L-26 SHEETS STA. 215+00.00 TO STA. 221+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	201
CONTRACT NO. 64H08			ILLINOIS FED. AID PROJECT	

(SHEET L-14)
MATCH LINE STA. 13401 + 75.00



LEGEND

	TREE REMOVAL, UNIT DIAMETER
	TREE PROTECTION

HRG PROJECT NO.: #PROJECTING08
HRG PROJ. CONTACT: #HRG2046
FILE NAME: D264H08-shr-treepres01.dgn
PLOT DRIVER: #PLOT.DRV
PEN TABLE: #PEN.TABLE



USER NAME = Etwilie	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-shr-treepres01.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

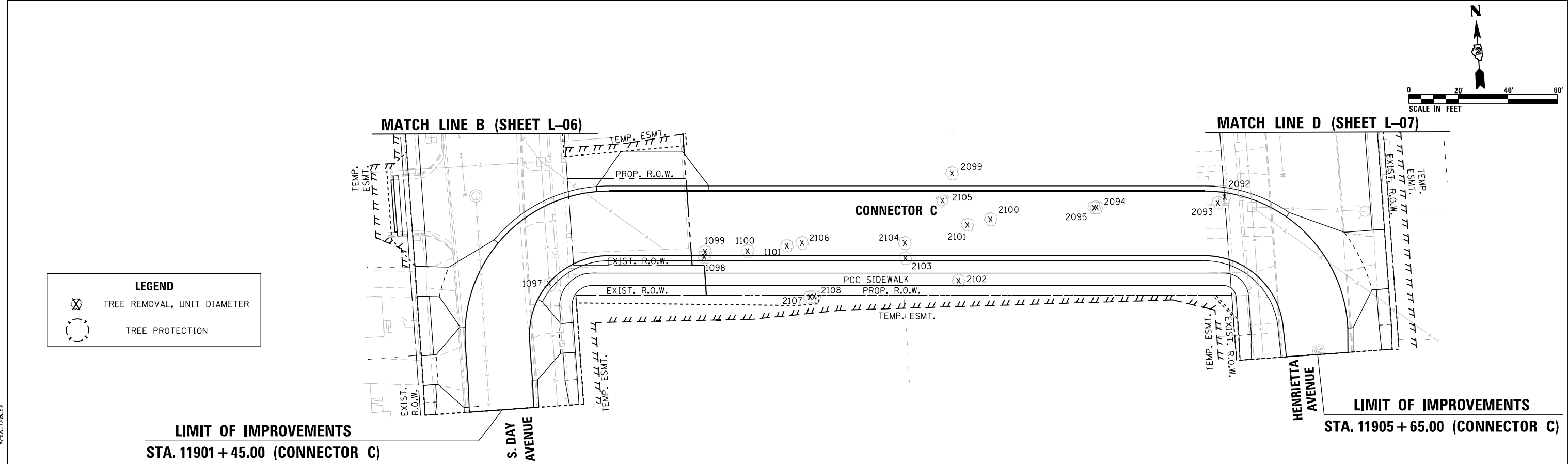
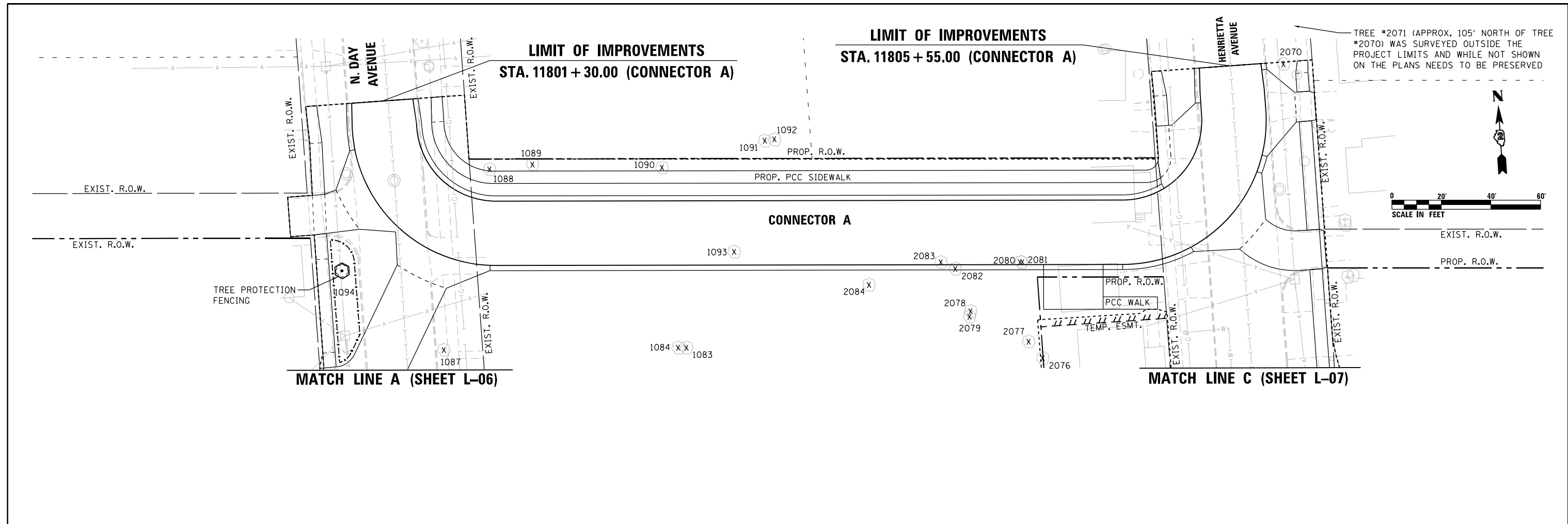
**TREE REMOVAL & PRESERVATION PLAN
WEST STATE STREET (US BUS 20)**

SCALE: 1"=20'

SHEET NO. L-11 OF L-26 SHEETS

STA. 221+00.00 TO STA. 227+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	202
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



LEGEND

	TREE REMOVAL, UNIT DIAMETER
	TREE PROTECTION

HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRG2046
 FILE NAME: D264H08-sht-treepres1.dgn
 PLOT DRIVER: #PA_T_DRV16
 PEN TABLE: #PEN_TABLE5

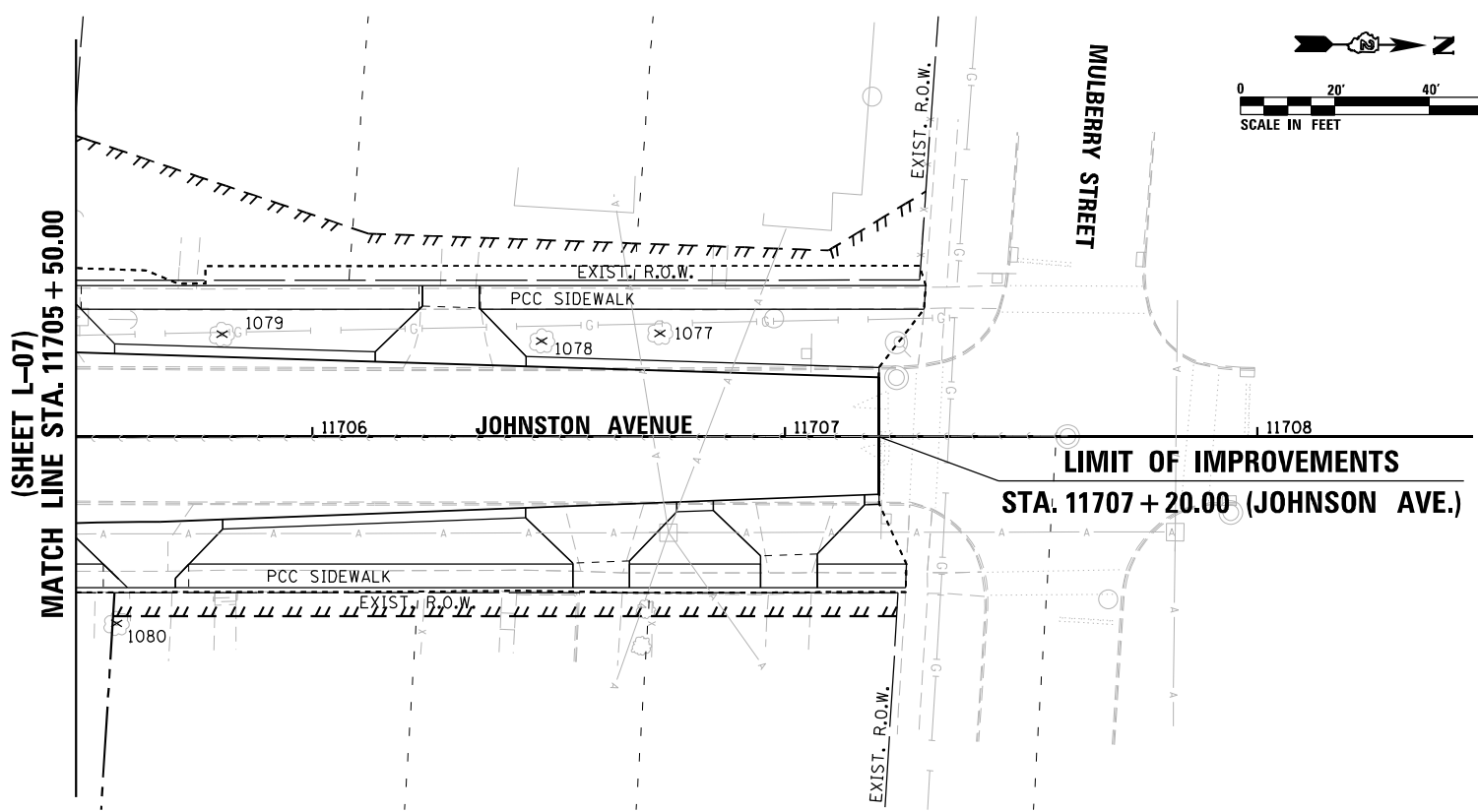
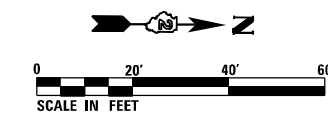
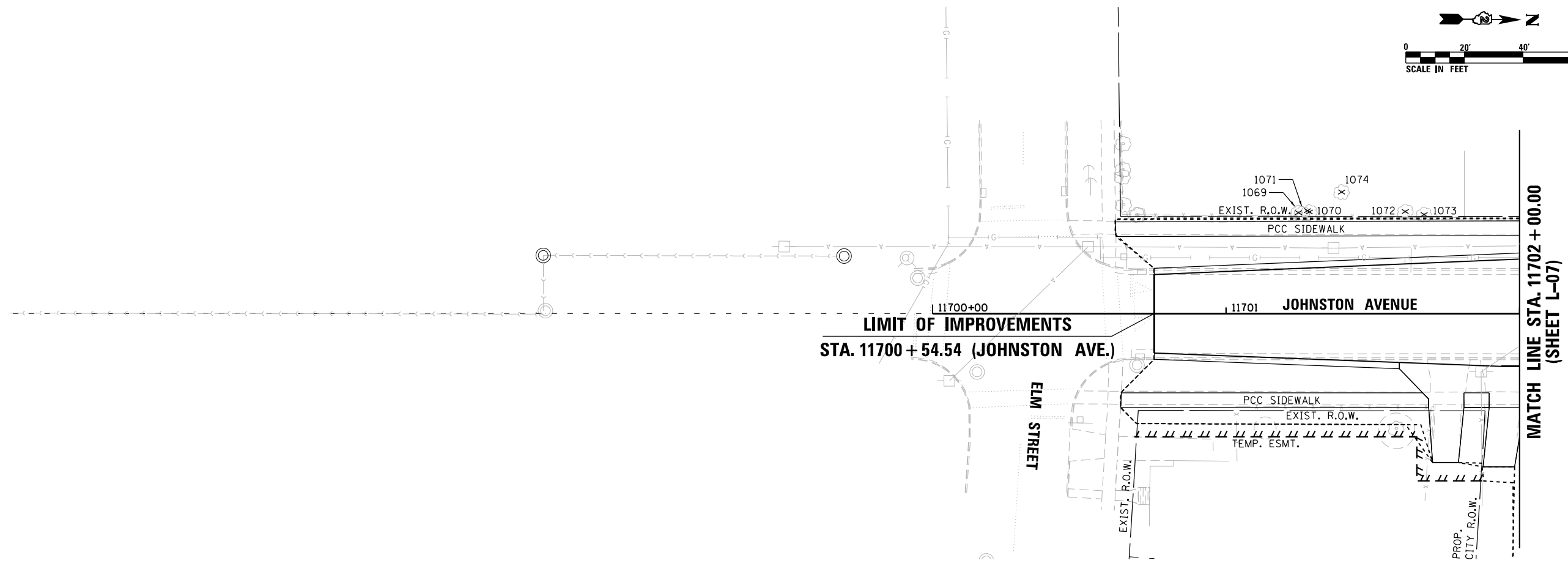
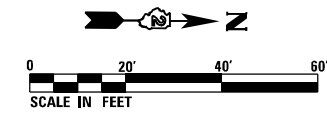


USER NAME = EtwilE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sht-treepres1.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000' / 1"	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL & PRESERVATION PLAN	
WEST STATE STREET (US BUS 20)	STA. 11801+30.00 TO STA. 11805+55.00
SCALE: 1"=20'	SHEET NO. L-12 OF L-26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	203
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



LEGEND	
	TREE REMOVAL, UNIT DIAMETER
	TREE PROTECTION

HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-sht-treepres12.dgn
 PLOT DRIVER: #PLOT_DRV16
 PEN TABLE: #PEN_TABLE8

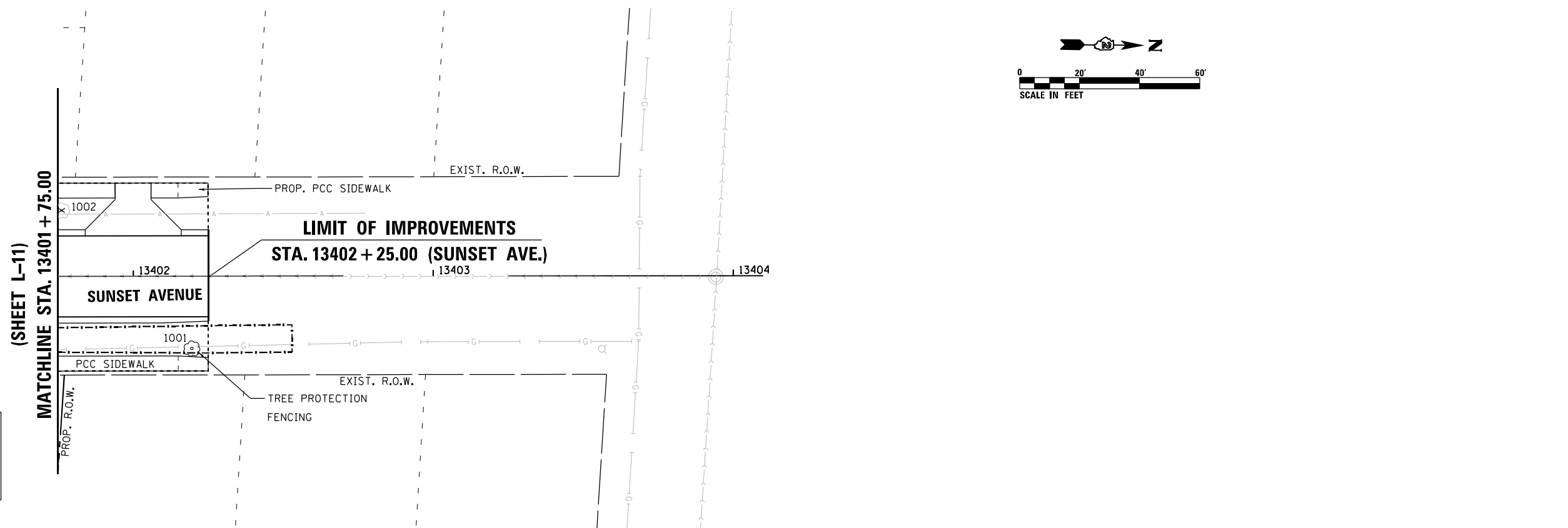
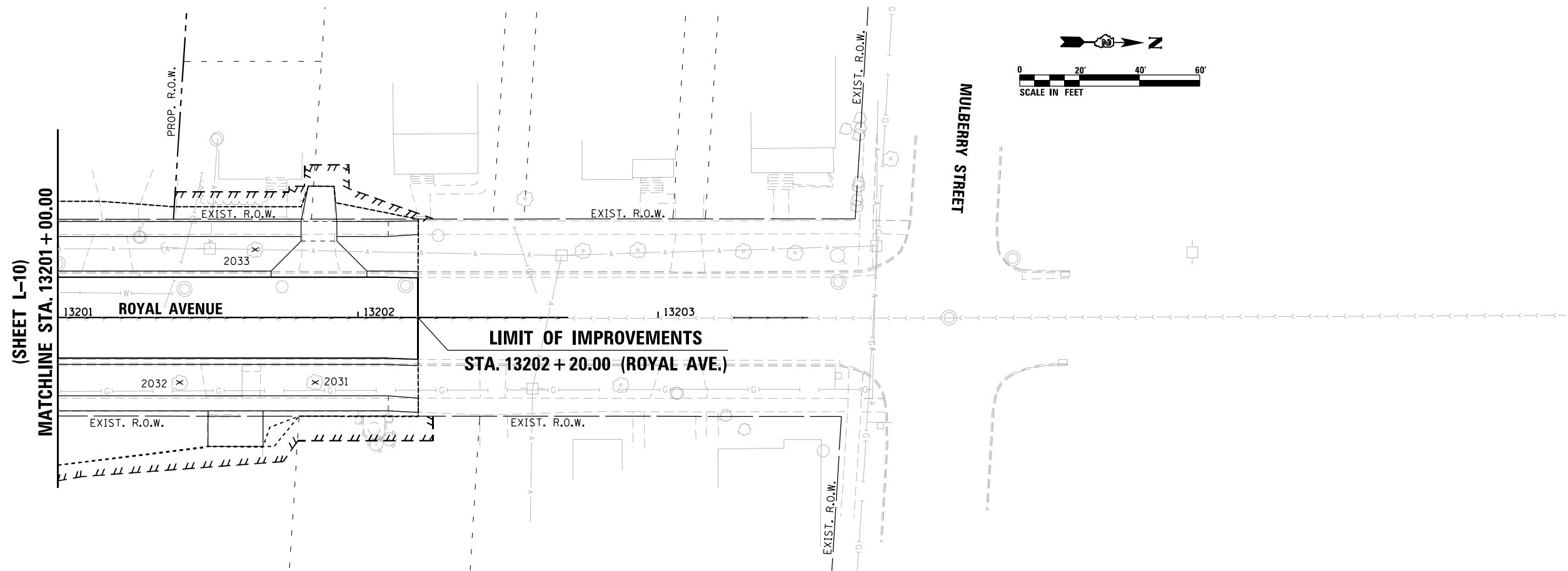


USER NAME = EtwileE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sht-treepres12.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL & PRESERVATION PLAN	
WEST STATE STREET (US BUS 20)	
SCALE: 1"=20'	SHEET NO. L-13 OF L-26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	204
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



LEGEND	
	TREE REMOVAL, UNIT DIAMETER
	TREE PROTECTION

HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRG2046
 FILE NAME: D264H08-sht-treepres3.dgn
 PLOT DRIVER: #PLOT.DRV\$
 PEN TABLE: #PEN.TABLE\$

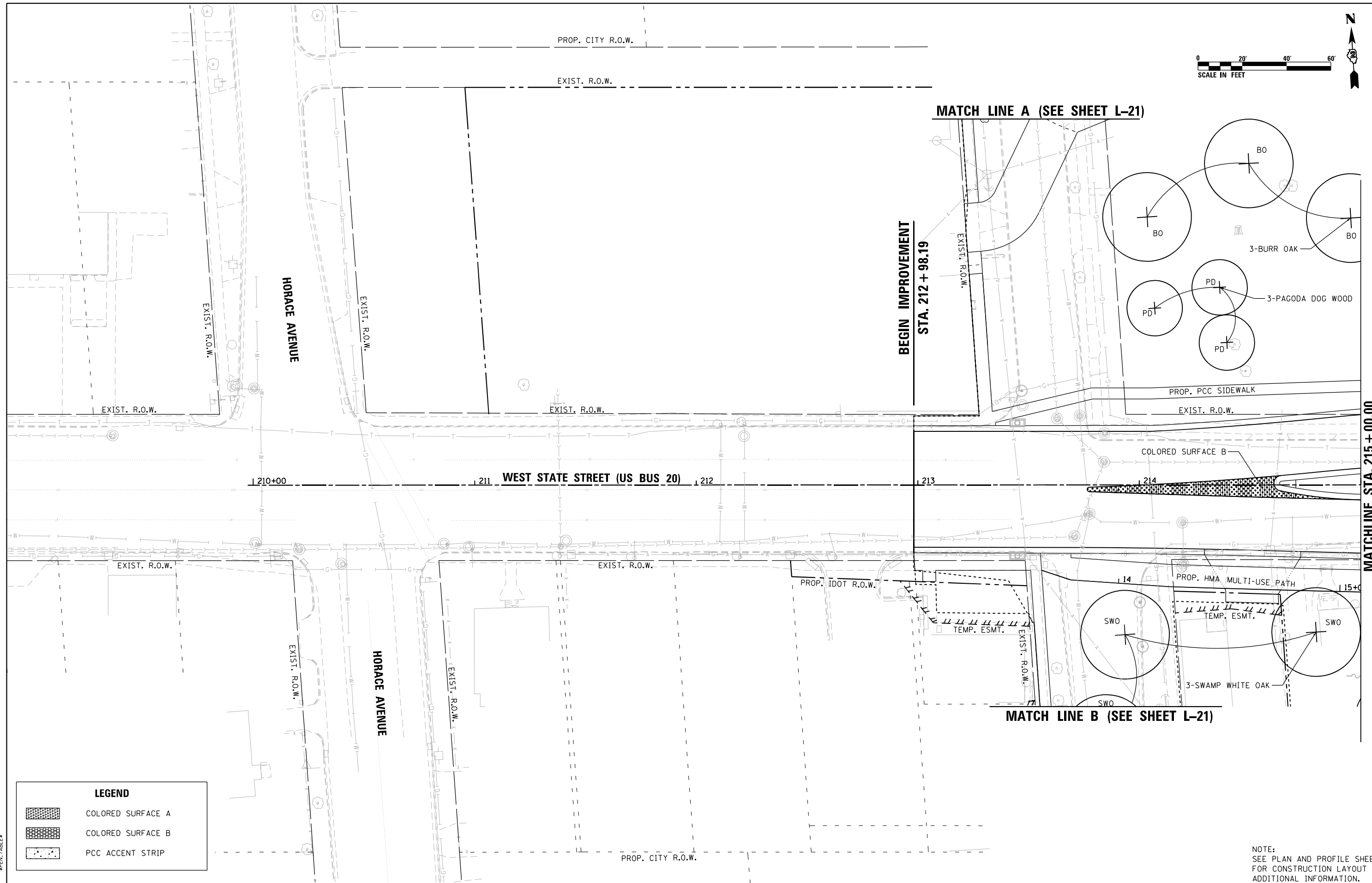
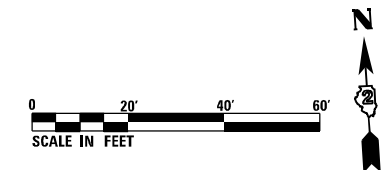


USER NAME = EtzwilEE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sht-treepres3.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 48.0005' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL & PRESERVATION PLAN	
WEST STATE STREET (US BUS 20)	STA. 13201+00.00 TO STA. 13202+20.00
SCALE: 1"=20'	SHEET NO. L-14 OF L-26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	205
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



LEGEND

	COLORED SURFACE A
	COLORED SURFACE B
	PCC ACCENT STRIP

NOTE:
SEE PLAN AND PROFILE SHEETS
FOR CONSTRUCTION LAYOUT AND
ADDITIONAL INFORMATION.

HRC PROJECT NO.: #PROJECTN08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-sht-landscp02.dgn
 PLOT DRIVER: #PLOT.DRV#
 PEN TABLE: #PEN.TABLE#



USER NAME = EtwilEE
 FILE NAME = D264H08-sht-landscp02.dgn
 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 8/12/2020

DESIGNED - MAR
 DRAWN - WJH
 CHECKED - DLR
 DATE - XXX

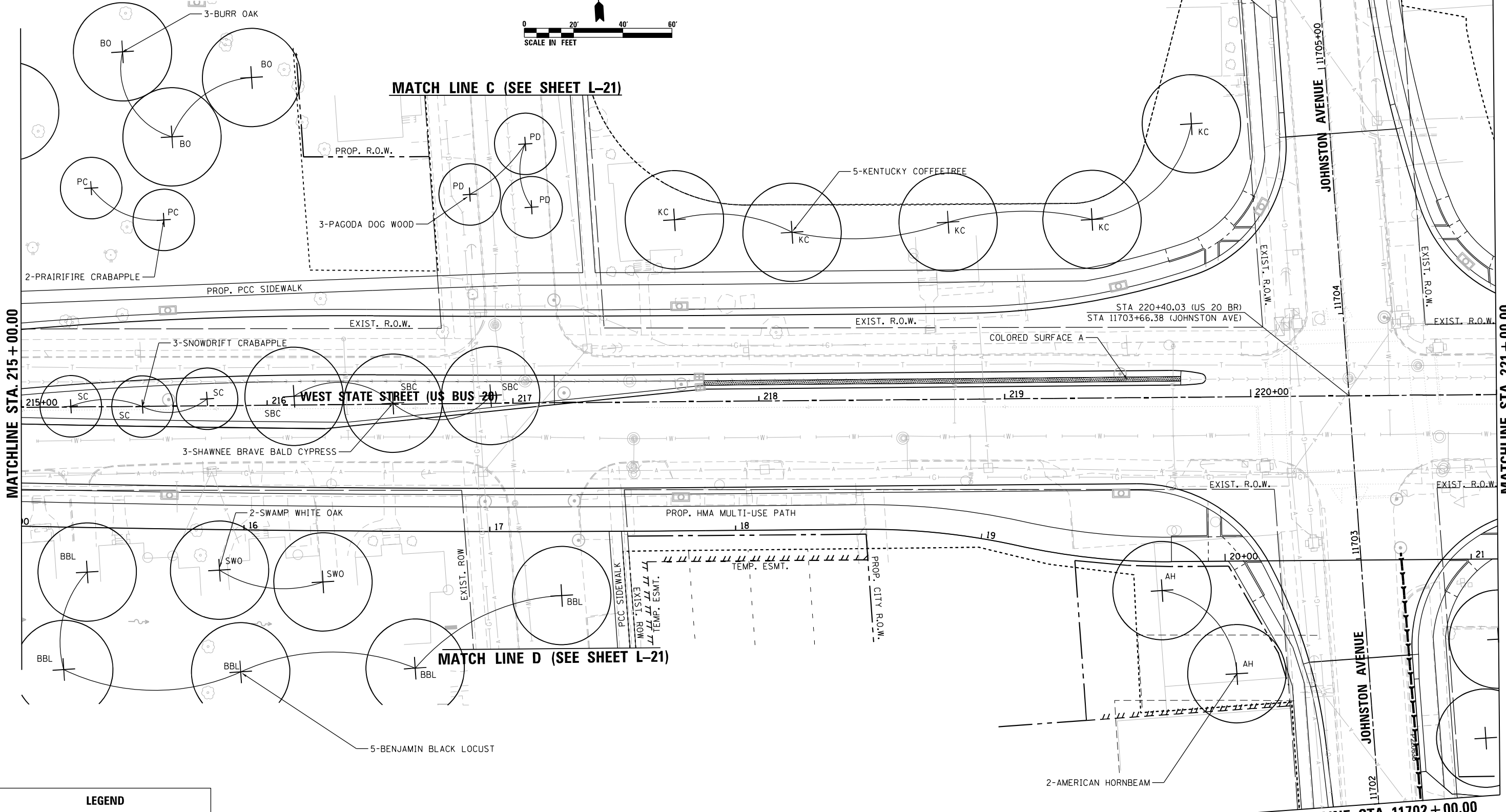
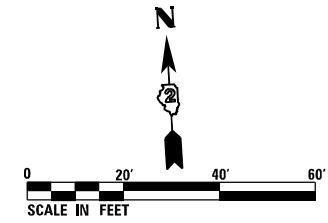
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
 WEST STATE STREET (US BUS 20)**
 SCALE: 1"=20' SHEET NO. L-15 OF L-26 SHEETS STA. 209+97.51 TO STA. 215+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	206
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 11705 + 00.00 (SHEET L-22)



MATCHLINE STA. 215 + 00.00

MATCHLINE STA. 221 + 00.00

MATCH LINE C (SEE SHEET L-21)

MATCH LINE D (SEE SHEET L-21)

MATCH LINE STA. 11702 + 00.00 (SHEET L-22)

LEGEND	
	COLORED SURFACE A
	COLORED SURFACE B
	PCC ACCENT STRIP

NOTE:
SEE PLAN AND PROFILE SHEETS
FOR CONSTRUCTION LAYOUT AND
ADDITIONAL INFORMATION.

PROJECT NO.: #PROJECT08
 HRG PROJ. CONTACT: #HRG2046
 FILE NAME: D264H08-sht-landscp03.dgn
 PLOT DRIVER: #PA.T.DRV#
 PEN TABLE: #PEN.TABLE#



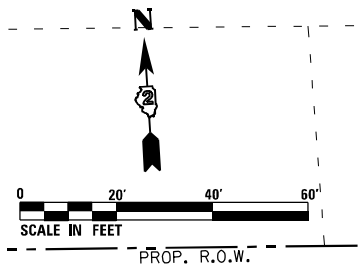
USER NAME = EtzwillE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sht-landscp03.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 48.0018' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




LANDSCAPING PLANS		
WEST STATE STREET (US BUS 20)		
SCALE: 1"=20'	SHEET NO. L-16 OF L-26 SHEETS	STA. 215+00.00 TO STA. 221+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	207
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

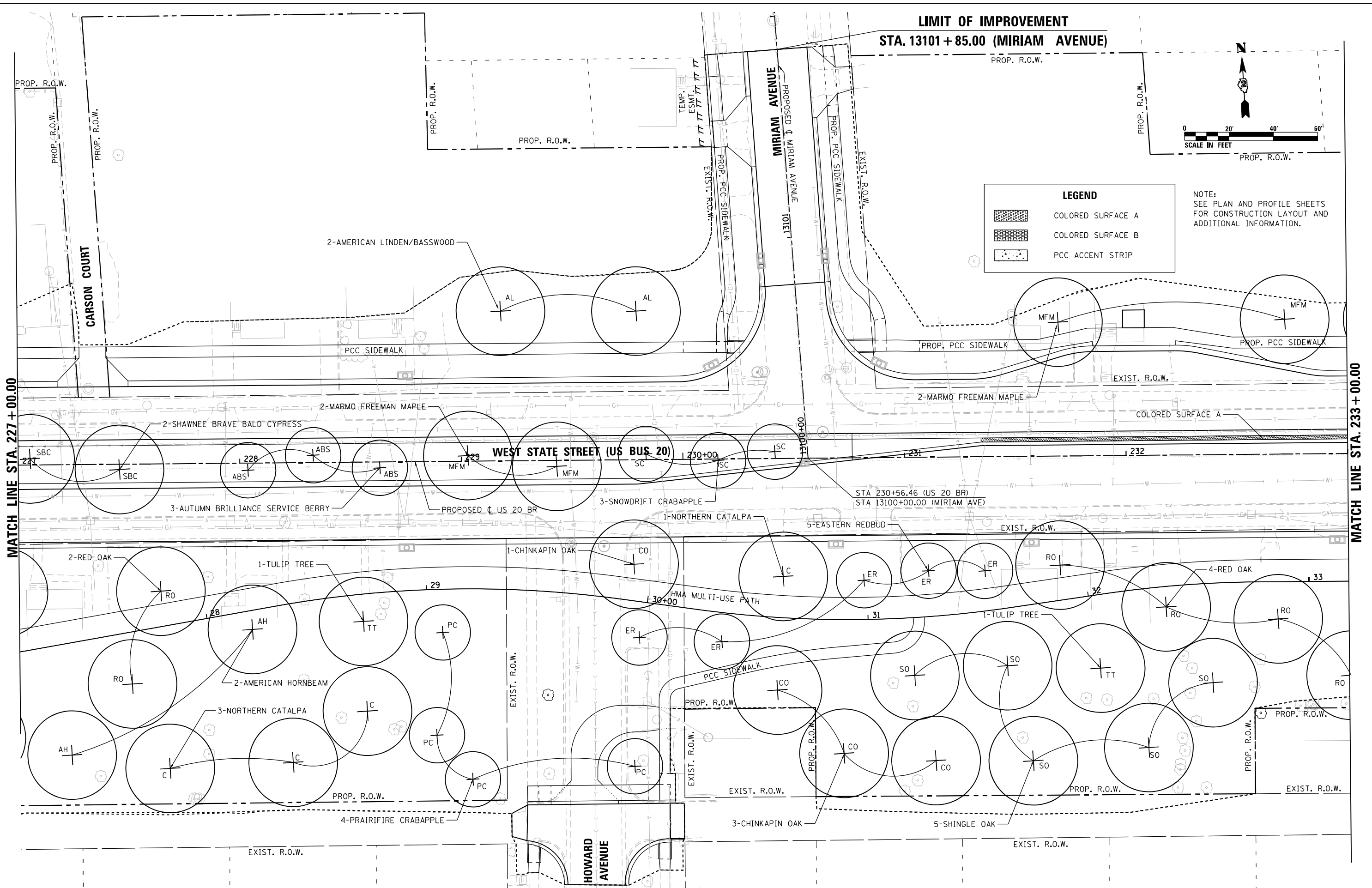
LIMIT OF IMPROVEMENT
STA. 13101 + 85.00 (MIRIAM AVENUE)



LEGEND

-  COLORED SURFACE A
-  COLORED SURFACE B
-  PCC ACCENT STRIP

NOTE:
 SEE PLAN AND PROFILE SHEETS
 FOR CONSTRUCTION LAYOUT AND
 ADDITIONAL INFORMATION.



MATCH LINE STA. 227 + 00.00

MATCH LINE STA. 233 + 00.00

HRC PROJECT NO.: #PROJECTN08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-sh1-Indscp05.dgn
 PLOT DRIVER: #PA.T.DRV#
 PEN TABLE: #PEN.TABLE#

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = EtwilE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sh1-Indscp05.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000' / 1" =	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

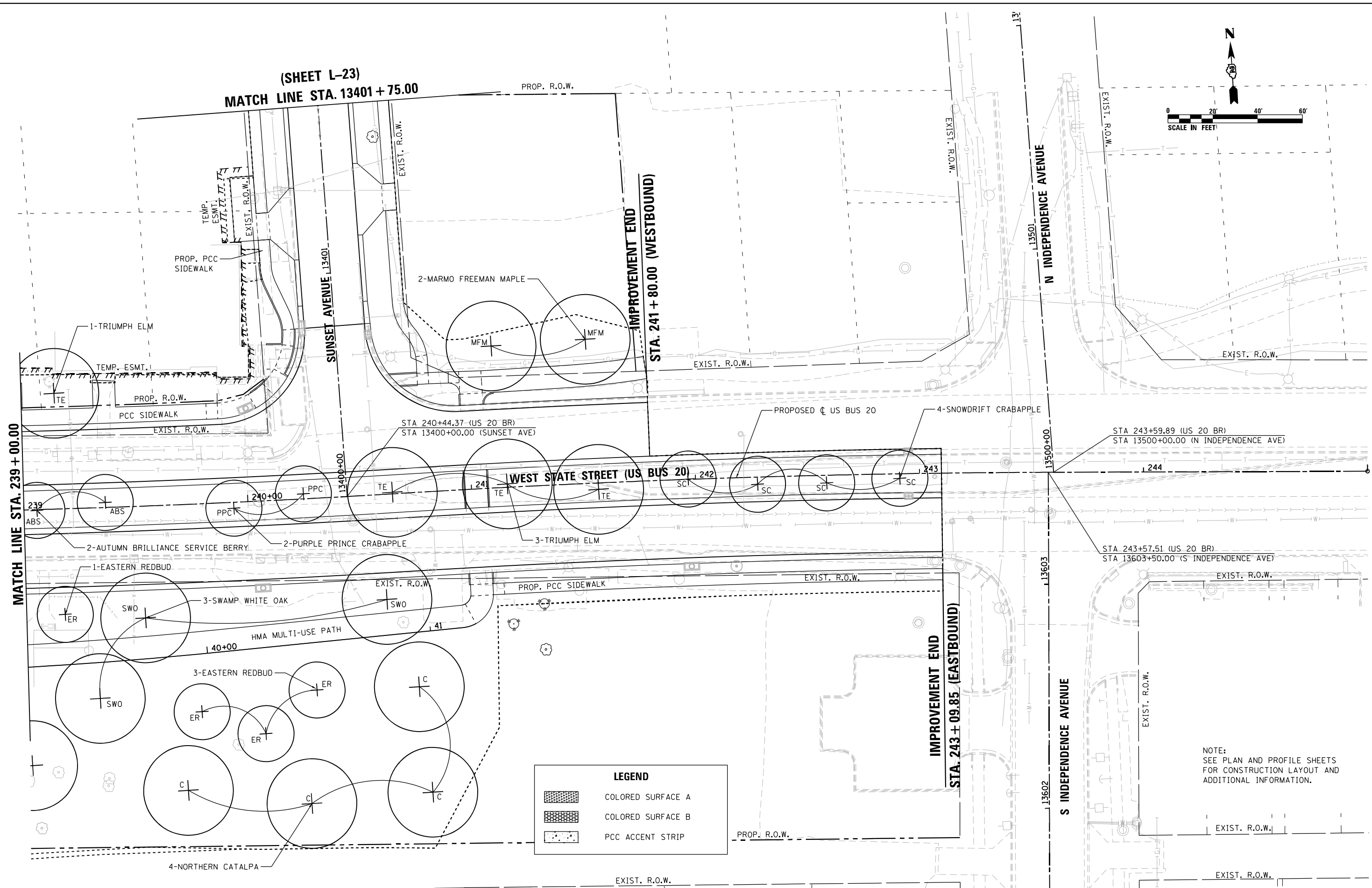
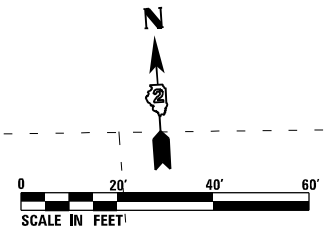
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS
WEST STATE STREET (US BUS 20)

SCALE: 1"=20'
 SHEET NO. L-18 OF L-26 SHEETS
 STA. 227+00.00 TO STA. 233+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	209
CONTRACT NO. 64H08			ILLINOIS FED. AID PROJECT	

(SHEET L-23)
MATCH LINE STA. 13401 + 75.00



LEGEND	
	COLORED SURFACE A
	COLORED SURFACE B
	PCC ACCENT STRIP

NOTE:
SEE PLAN AND PROFILE SHEETS
FOR CONSTRUCTION LAYOUT AND
ADDITIONAL INFORMATION.

HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-sh1-landscp07.dgn
 PLOT DRIVER: #PLOT.DRV#
 PEN TABLE: #PEN.TABLE#

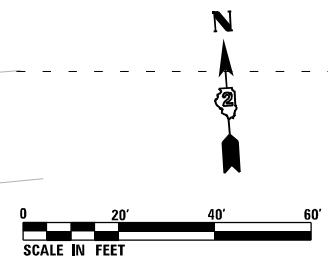
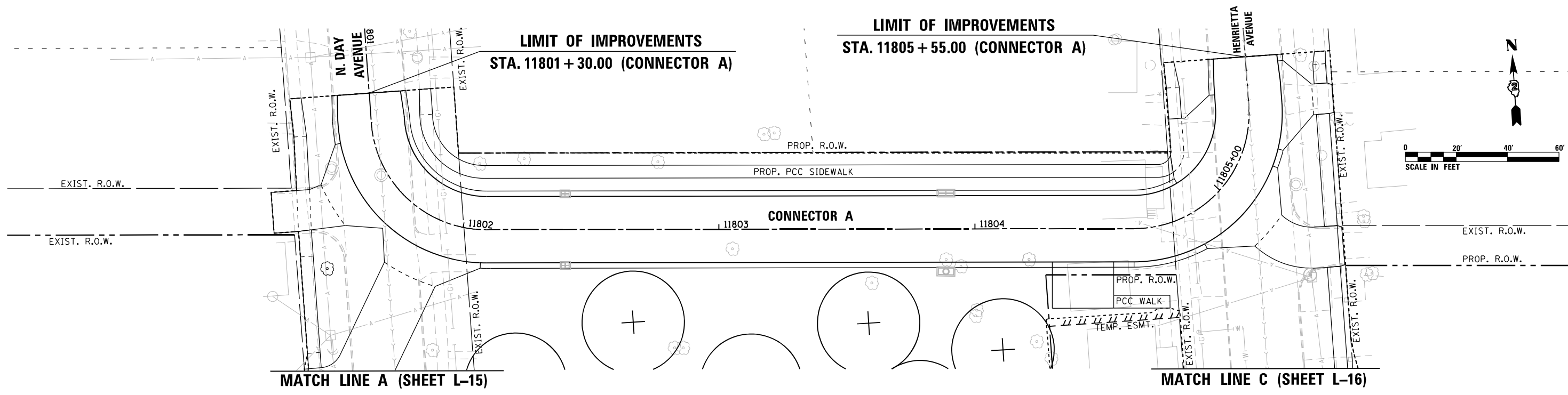


USER NAME = Etzwiller	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sh1-landscp07.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

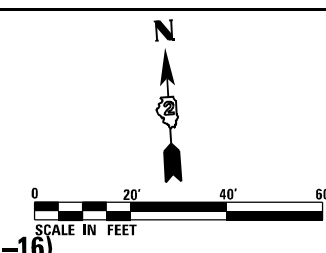
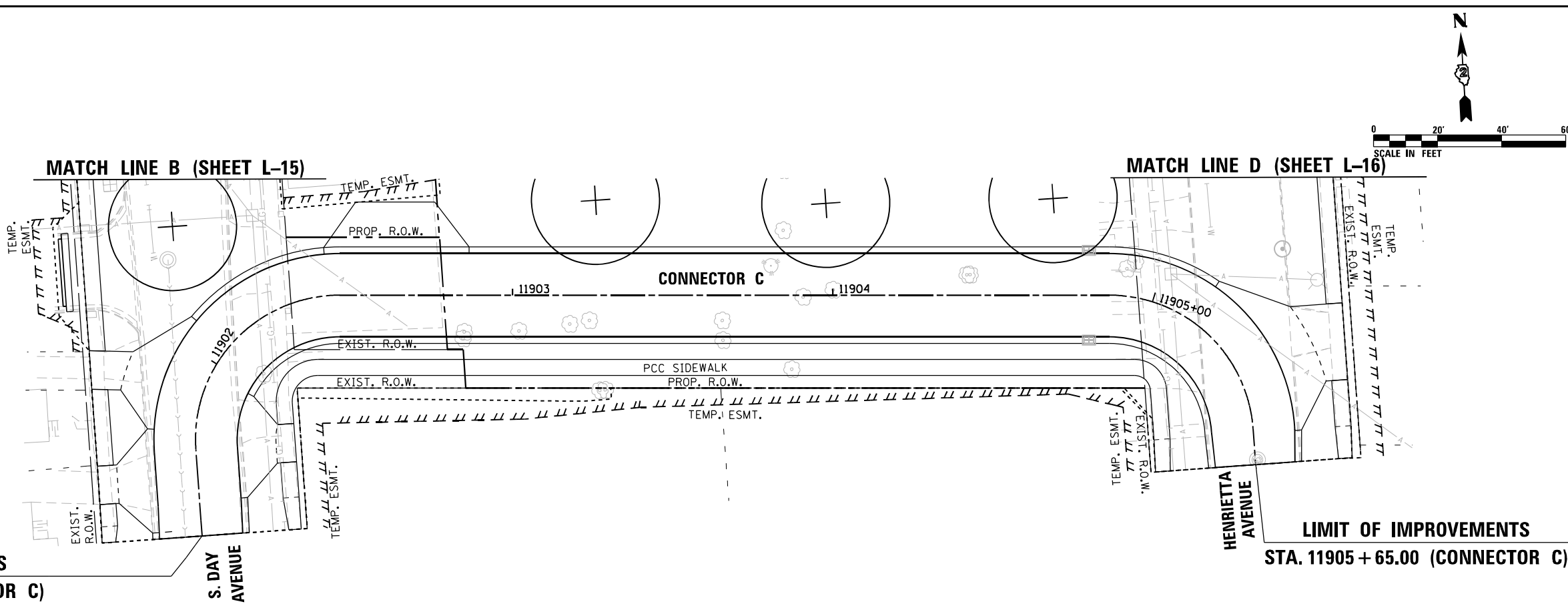
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS		
WEST STATE STREET (US BUS 20)		
SCALE: 1"=20'	SHEET NO. L-20 OF L-26 SHEETS	STA. 239+00.00 TO STA. 245+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	211
CONTRACT NO. 64H08			ILLINOIS FED. AID PROJECT	



- NOTES:
1. SEE PLAN AND PROFILE SHEETS FOR CONSTRUCTION LAYOUT AND ADDITIONAL INFORMATION.
 2. PROPOSED TREES ON THIS SHEET HAVE BEEN QUANTIFIED ON SHEETS L-15 AND L-16.



LEGEND	
	COLORED SURFACE A
	COLORED SURFACE B
	PCC ACCENT STRIP

LIMIT OF IMPROVEMENTS
STA. 11901 + 45.00 (CONNECTOR C)

LIMIT OF IMPROVEMENTS
STA. 11905 + 65.00 (CONNECTOR C)

HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-shr-landscp08.dgn
 PLOT DRIVER: #PA_T_DRV16
 PEN TABLE: #PEN_TABLE8



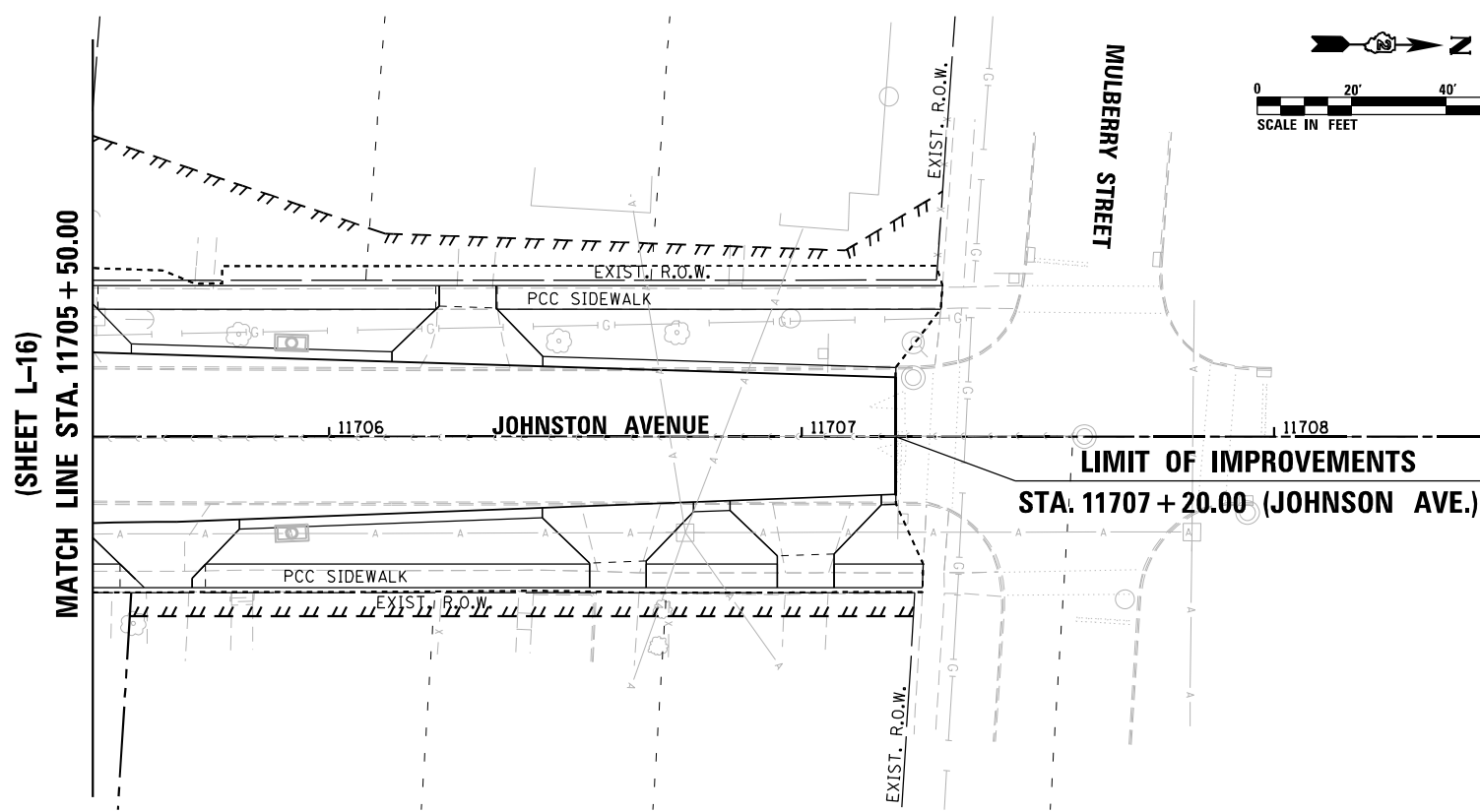
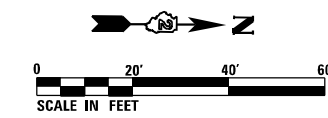
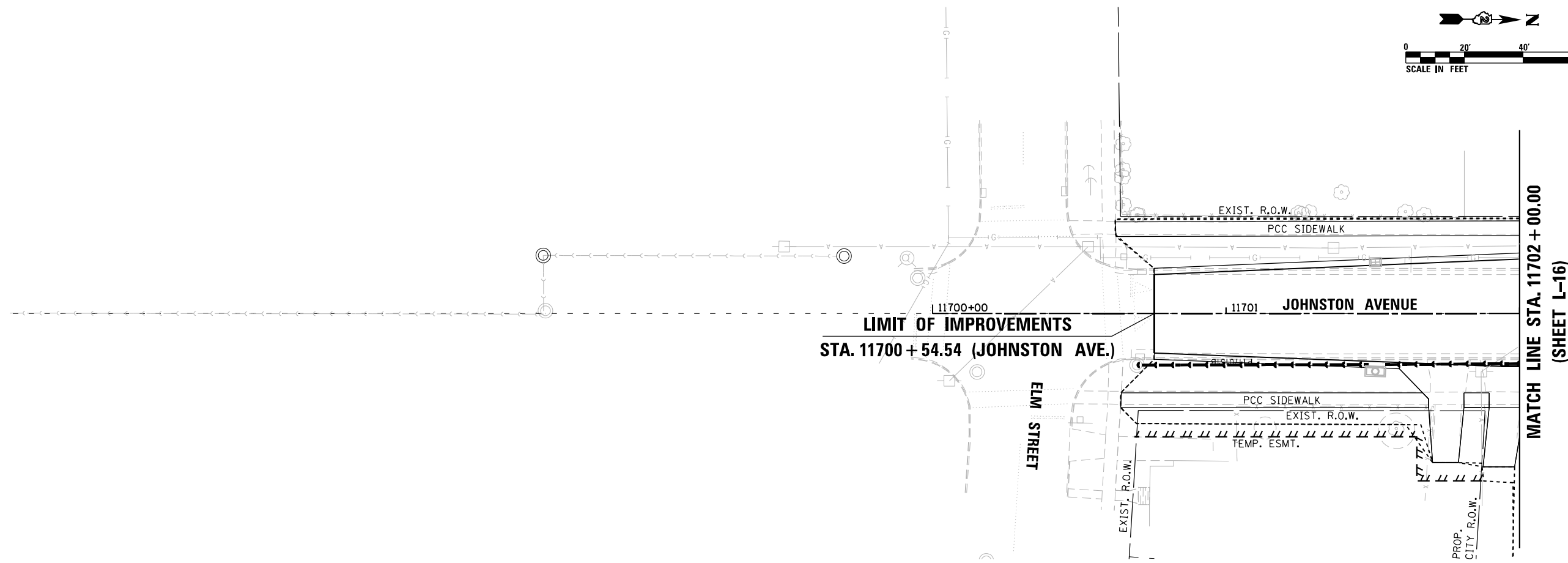
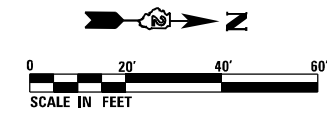
USER NAME = EtzwilE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-shr-landscp08.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS - CONNECTOR A & CONNECTOR C

SCALE: 1"=20' SHEET NO. L-21 OF L-26 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	212
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



LEGEND	
	COLORED SURFACE A
	COLORED SURFACE B
	PCC ACCENT STRIP

NOTE:
SEE PLAN AND PROFILE SHEETS
FOR CONSTRUCTION LAYOUT AND
ADDITIONAL INFORMATION.

HRC PROJECT NO.: #PROJECTING8
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-sht-1ndscp09.dgn
 PLOT DRIVER: #PA_T_DRV16
 PEN TABLE: #PEN_TABLE8



USER NAME =	EtzwilE
FILE NAME =	D264H08-sht-1ndscp09.dgn
PLOT SCALE =	40.0000' / in.
PLOT DATE =	8/12/2020

DESIGNED -	MAR
DRAWN -	WJH
CHECKED -	DLR
DATE -	XXX

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

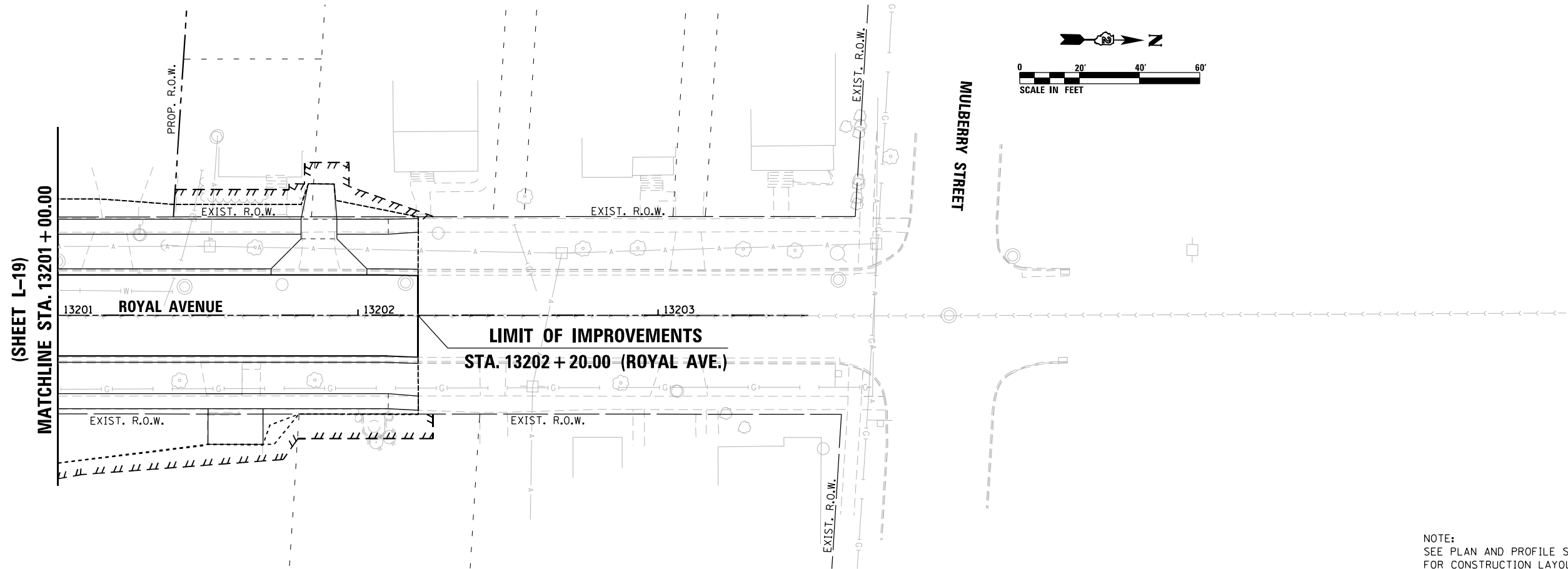
LANDSCAPING PLANS - JOHNSTON AVENUE

SCALE: 1"=20'

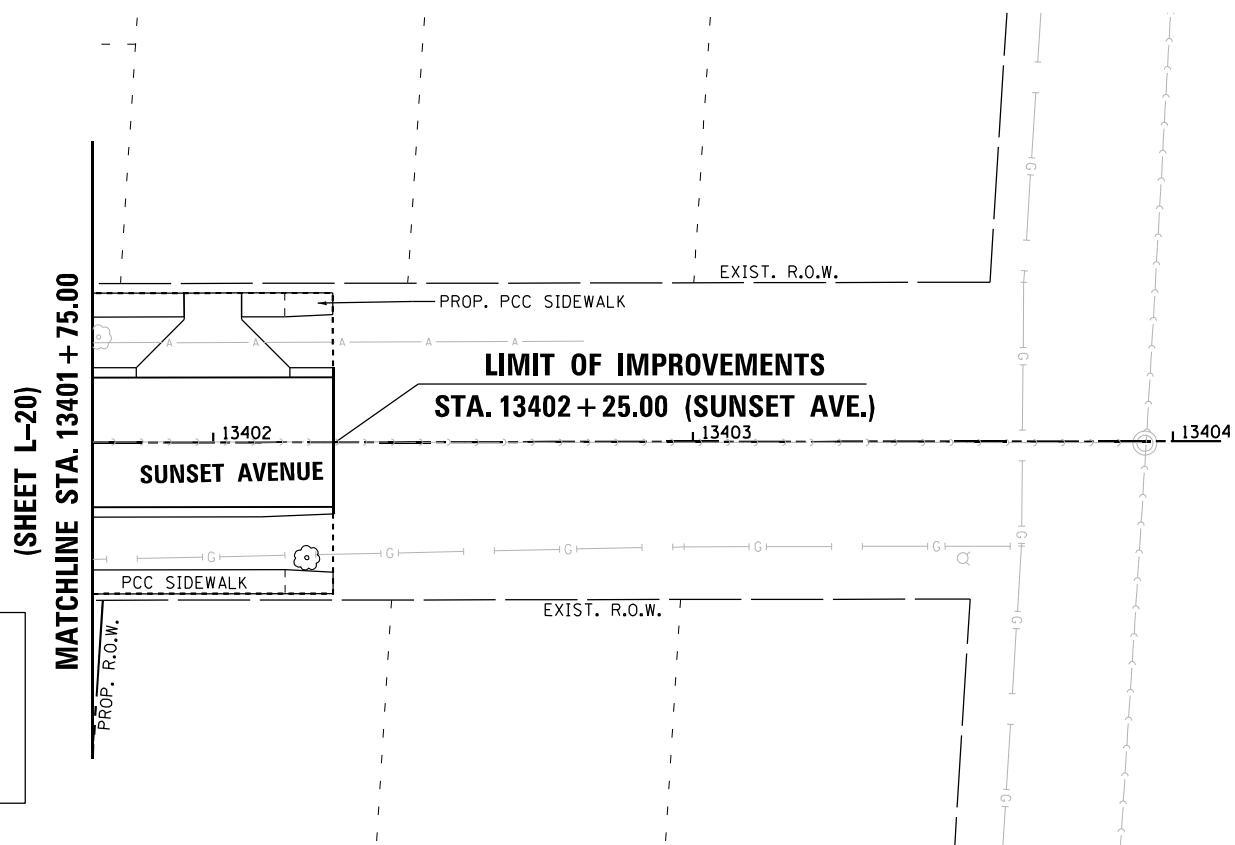
SHEET NO. L-22 OF L-26 SHEETS

STA. 11700+54.54 TO STA. 11702+00.00
STA. 11705+50.00 TO STA. 11707+19.97

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	213
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



NOTE:
SEE PLAN AND PROFILE SHEETS
FOR CONSTRUCTION LAYOUT AND
ADDITIONAL INFORMATION.



LEGEND	
	COLORED SURFACE A
	COLORED SURFACE B
	PCC ACCENT STRIP

HRC PROJECT NO.: #PROJECTING
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-sht-landscp10.dgn
 PLOT DRIVER: #PLOT_DRV18
 PEN TABLE: #PEN_TABLE8



USER NAME = EtwilE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-sht-landscp10.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 48.0005' / in.	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS – ROYAL AVENUE & SUNSET AVENUE

SCALE: 1"=20'

SHEET NO. L-23 OF L-26 SHEETS

STA. 13201+00.00 TO STA. 13202+20.00
STA. 13401+75.00 TO STA. 13202+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	214
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

PLANT SCHEDULE

CODE NO.	QTY SHOWN ON PLAN	OFFSITE PLANTINGS	TOTAL PLAN QTY	KEY	BOTANICAL NAME/ITEM	COMMON NAME	SIZE	COND	REMARKS
CANOPY TREES									
A2000224	10	0	10	MFM	ACER X FREEMANII MARMO	MARMO FREEMAN MAPLE	3" CAL.	B&B	
A2002562	8	0	8	AH	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	4' HEIGHT	B&B	
A2002824	8	0	8	C	CATALPA SPECIOSA	NORTHERN CATALPA	3" CAL.	B&B	
A2005020	11	0	11	KC	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	2.5" CAL.	B&B	
A2005424	9	0	9	TT	LIRIODENDRON TULIPIFERA	TULIP TREE	3" CAL.	B&B	
A2005824	8	0	8	S	PLATANUS OCCIDENTALIS	SYCAMORE	3" CAL.	B&B	
A2006520	13	0	13	SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	2.5" CAL.	B&B	
A2006618	5	0	5	SO	QUERCUS IMBRICARIA	SHINGLE OAK	2.5" CAL.	B&B	
A2006726	10	0	10	BO	QUERCUS MACROCARPA	BUR OAK	3" CAL.	B&B	
A2006820	8	0	8	CO	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	2.5" CAL.	B&B	
A2007116	7	0	7	RO	QUERCUS RUBRA	RED OAK	2" CAL.	B&B	
A2007230	5	0	5	BBL	ROBINIA PSEUDOACACIA BENJAMIN	BENJAMIN BLACK LOCUST	2.5" CAL.	B&B	THORNLESS ONLY
A2007724	7	0	7	SBC	TAXODIUM DISTICHUM SHAWNEE BRAVE	SHAWNEE BRAVE BALD CYPRESS	3" CAL.	B&B	
A2007824	11	0	11	AL	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	3" CAL.	B&B	
A2008519	8	0	8	TE	ULMUS MORTON GLOSSY	TRIUMPH ELM	2.5" CAL.	B&B	

ORNAMENTAL TREES									
B2000770	9	0	9	ABS	AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE	AUTUMN BRILLIANCE SERVICE BERRY	2" CAL.	B&B	
B2001116	13	0	13	ER	CERCIS CANADENSIS	EASTERN REDBUD	2" CAL.	B&B	
B2001266	8	0	8	PD	CORNUS ALTERNIFOLIA	PAGODA DOG WOOD	6' HEIGHT	B&B	CLUMP FORM
B2002268	10	0	10	WKH	CRATAEGUS VIRDIS WINTER KING	WINTER KING GREEN HAWTHORN	7' HEIGHT	B&B	CLUMP FORM
B2004166	12	0	12	PC	MALUS PRAIRIFIRE	PRAIRIFIRE CRABAPPLE	6' HEIGHT	B&B	CLUMP FORM
B2005014	12	0	12	SC	MALUS SNOWDRIFT	SNOWDRIFT CRABAPPLE	1.75" CAL.	B&B	FRUITLESS ONLY
B2007066	10	0	10	PPC	MALUS PURPLE PRINCE	PURPLE PRINCE CRABAPPLE	2" CAL.	B&B	

GENERAL NOTES:

- THE COLUMN LABELED "QTY SHOWN ON PLANS" ARE PLANTINGS THAT ARE SPECIFICALLY DETAILED IN THESE PLANS WITH LOCATIONS. THE COLUMN LABELED "OFFSITE PLANTINGS" REFERS TO TREES THAT SHALL BE PLANTED IN OTHER ROCKFORD LOCATIONS BASED ON INFORMATION PROVIDED BY THE CITY OR THE ENGINEER. COORDINATE DELIVERY AND PLANTING WITH THE CITY OF ROCKFORD. THE "TOTAL PLAN QTY" COLUMN REFERS TO THE NUMBER OF TREES AND SHRUBS TO BE PLANTED PER THE CONTRACT.

HRC PROJECT NO.: #PROJECTING
 HRC PROJ. CONTACT: #HRC24K
 FILE NAME: D264H08-sht-landscpl.dgn
 PLOT DRIVER: #PLOT.DRV
 PEN TABLE: #PEN.TABLE

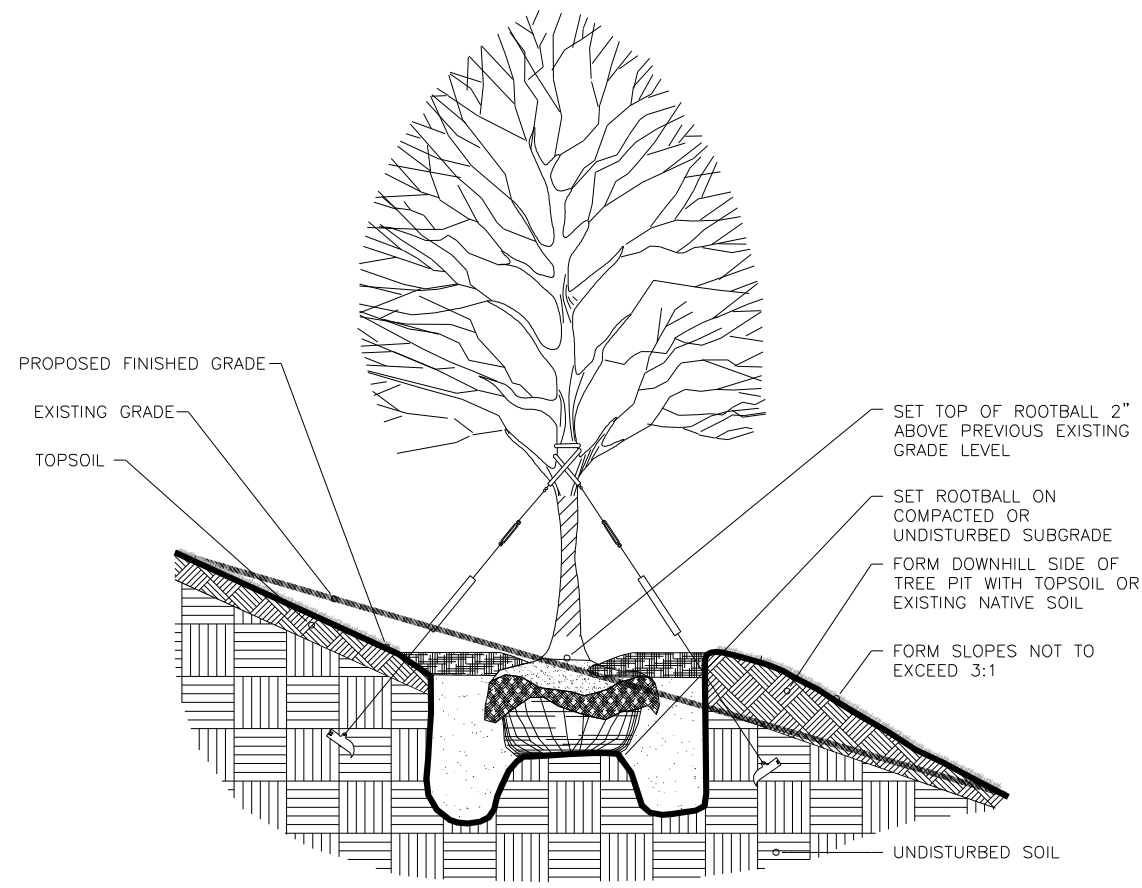


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FILE NAME = D264H08-sht-landscpl.dgn	DRAWN - WJH	REVISED -
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PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

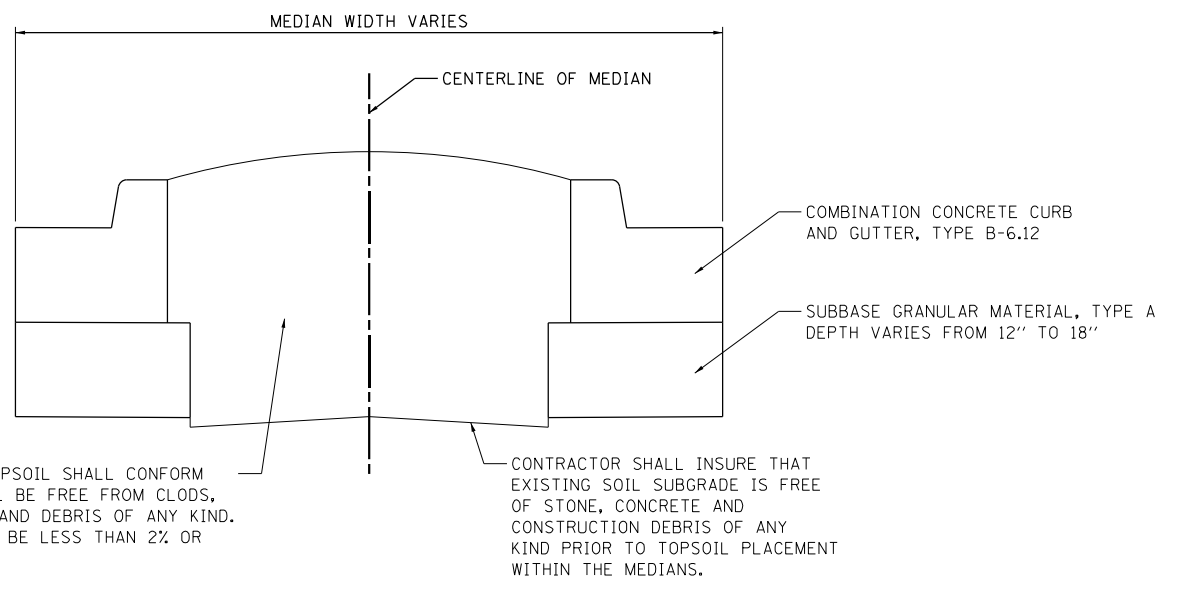
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS	
LANDSCAPING PLANT LIST	
SCALE:	SHEET NO. L-24 OF L-26 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	215
CONTRACT NO. 64H08			ILLINOIS FED. AID PROJECT	



TREE SLOPE CONDITION PLANTING DETAIL

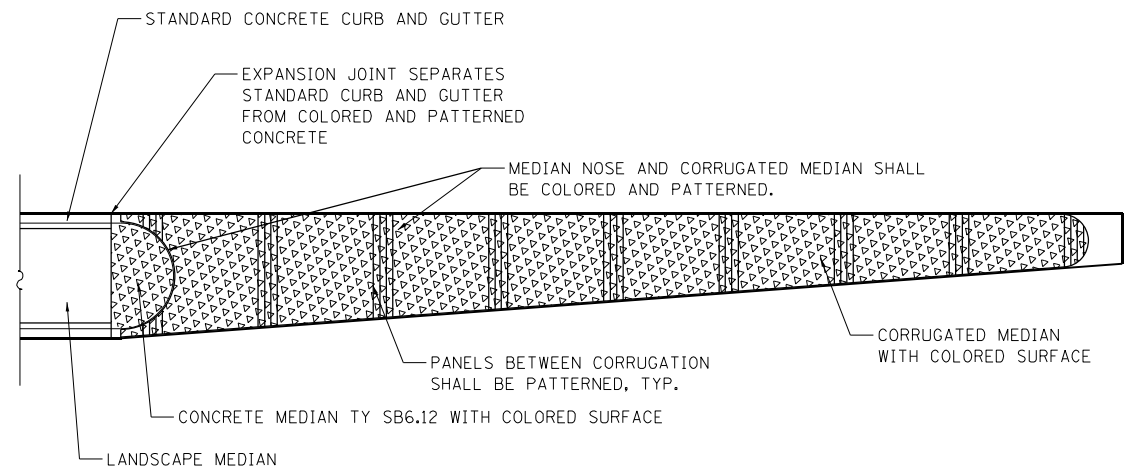


TOPSOIL FURNISH AND PLACE AT 30" DEPTH. TOPSOIL SHALL CONFORM TO IDOT SPECIFICATIONS, ARTICLE 211 AND WILL BE FREE FROM CLODS, STONES, GRANULAR SUBBASE MATERIAL, STICKS AND DEBRIS OF ANY KIND. ORGANIC CONTENT OF THE TOPSOIL SHALL NOT BE LESS THAN 2% OR MORE THAN 20%.

CONTRACTOR SHALL INSURE THAT EXISTING SOIL SUBGRADE IS FREE OF STONE, CONCRETE AND CONSTRUCTION DEBRIS OF ANY KIND PRIOR TO TOPSOIL PLACEMENT WITHIN THE MEDIANS.

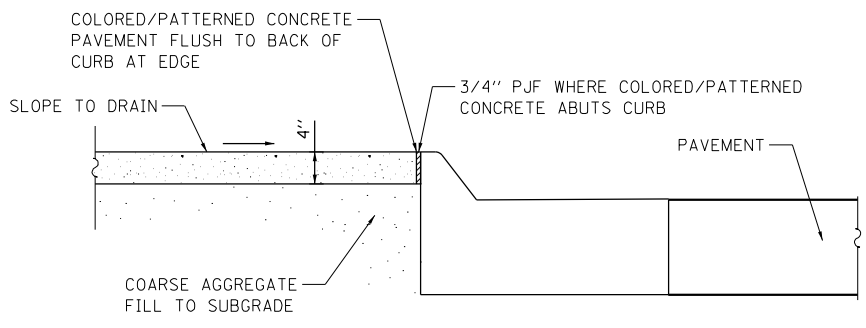
MEDIAN TOPSOIL PLACEMENT DETAIL

N.T.S.



CORRUGATED MEDIAN AND MEDIAN NOSE COLORED SURFACE DETAIL

N.T.S.



ISLAND - COLORED SURFACE DETAIL

N.T.S.

HRC PROJECT NO.: #PROJECTING08
 HRC PROJ. CONTACT: #HRC2046
 FILE NAME: D264H08-shr-landscp12.dgn
 PLOT DRIVER: #PLOT.DRV\$
 PEN TABLE: #PEN.TABLE\$



USER NAME = EtwileE	DESIGNED - MAR	REVISED -
FILE NAME = D264H08-shr-landscp12.dgn	DRAWN - WJH	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED - DLR	REVISED -
PLOT DATE = 8/12/2020	DATE - XXX	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
LANDSCAPING DETAILS**

SCALE: SHEET NO. L-25 OF L-26 SHEETS STA. TO STA.

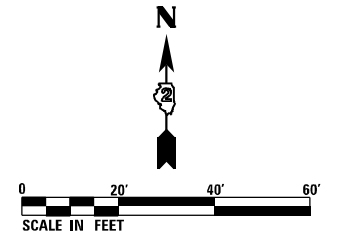
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	216
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL SCHEDULE

TREE REMOVAL SCHEDULE

TREE REMOVAL SCHEDULE

20101000 TEMPORARY FENCE				STATION	OFFSET (FT)	CURRENT SIZE	20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)	20101200 ROOT PRUNING				STATION	OFFSET (FT)	CURRENT SIZE	20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)				
FEET	LOCATION / TREE NUMBER			213+62.71	82.69 RT	10 "	12.0 "		221+88.87	107.46 LT	18 "		21.6 "				234+05.15	109.45 RT	21 "		25.2 "
109	STA 213+30.04 OFF 162.27' LT			213+63.37	97.37 RT	11 "	13.2 "		221+92.60	106.10 LT	35 "		42.0 "				234+36.19	109.01 RT	16 "		19.2 "
111	STA 217+04.80 OFF 352.65' LT			213+71.07	134.23 LT	25 "		30.0 "	223+46.68	31.97 LT	10 "	12.0 "					234+45.73	101.13 RT	13 "		15.6 "
31	STA 229+38.22 OFF 105.76' RT			213+73.20	93.63 LT	27 "		32.4 "	223+64.05	30.76 LT	10 "	12.0 "					234+45.82	39.45 RT	19 "		22.8 "
50	STA 232+59.74 OFF 116.70' RT			213+89.65	207.13 LT	27 "		32.4 "	224+30.56	30.80 LT	11 "	13.2 "					234+56.66	77.78 RT	20 "		24.0 "
237	STA 240+65.29 OFF 219.84' LT			214+06.97	209.01 LT	24 "		28.8 "	224+58.36	30.76 LT	10 "	12.0 "					234+56.75	75.24 RT	26 "		31.2 "
	STA 240+65.35 OFF 159.67' LT			214+13.39	160.72 RT	28 "		33.6 "	225+12.43	101.30 LT	33 "		39.6 "				234+56.99	61.25 RT	7 "	8.4 "	
	STA 241+15.73 OFF 61.05' RT			214+43.06	63.47 LT	36 "		43.2 "	225+12.69	78.25 LT	26 "		31.2 "				234+57.24	50.22 RT	18 "		21.6 "
184	STA 241+29.62 OFF 73.16' RT			214+44.73	114.88 LT	36 "		43.2 "	225+40.23	127.31 RT	31 "		37.2 "				235+31.39	44.92 RT	6 "	7.2 "	
	STA 241+29.99 OFF 52.71' RT			214+47.97	51.35 LT	20 "		24.0 "	225+83.72	91.81 LT	18 "		21.6 "				235+35.94	82.31 RT	24 "		28.8 "
722	SUBTOTAL			214+59.22	207.70 LT	50 "		60.0 "	225+84.30	95.31 LT	12 "	14.4 "					235+43.88	149.32 RT	18 "		21.6 "
				214+65.58	69.16 RT	24 "		28.8 "	225+84.84	76.40 LT	56 "		67.2 "				235+54.74	144.42 RT	13 "		15.6 "
				214+65.62	134.96 LT	48 "		57.6 "	225+85.67	74.72 RT	23 "		27.6 "				235+64.73	144.25 RT	20 "		24.0 "
				214+68.97	134.96 LT	21 "		25.2 "	226+18.57	21.67 LT	30 "		36.0 "				235+81.61	118.64 RT	26 "		31.2 "
				214+75.64	149.84 RT	24 "		28.8 "	226+47.06	153.57 RT	15 "		18.0 "				235+82.12	146.67 RT	18 "		21.6 "
				214+76.02	147.79 RT	15 "		18.0 "	226+50.20	51.29 RT	30 "		36.0 "				235+85.83	131.50 RT	7 "	8.4 "	
20101200	ROOT PRUNING			214+88.29	173.64 LT	70 "		84.0 "	226+71.91	45.53 RT	7 "	8.4 "					235+85.85	49.03 LT	6 "	7.2 "	
QUANTITY	LOCATION			214+93.11	147.50 RT	16 "		19.2 "	226+80.76	147.39 RT	40 "		48.0 "				235+86.54	112.46 RT	11 "	13.2 "	
EACH	STA 213+30.04 OFF 162.27' LT			215+00.69	218.44 LT	30 "		36.0 "	226+88.45	45.35 RT	6 "	7.2 "					235+88.37	77.42 RT	19 "		22.8 "
EACH	STA 217+04.80 OFF 352.65' LT			215+04.66	218.91 LT	18 "		21.6 "	227+00.91	35.85 LT	27 "		32.4 "				235+88.40	71.08 RT	16 "		19.2 "
EACH	STA 229+38.22 OFF 105.76' RT			215+04.77	64.96 LT	18 "		21.6 "	227+35.70	45.66 RT	31 "		37.2 "				235+88.67	144.02 RT	27 "		32.4 "
EACH	STA 232+59.74 OFF 116.70' RT			215+07.07	112.29 LT	8 "	9.6 "		227+36.04	140.70 RT	21 "		25.2 "				235+88.70	66.38 RT	9 "	10.8 "	
EACH	STA 240+65.29 OFF 219.84' LT			215+08.99	145.36 RT	37 "		44.4 "	227+78.13	151.23 RT	6 "	7.2 "					235+98.80	111.22 LT	6 "	7.2 "	
EACH	STA 240+65.35 OFF 159.67' LT			215+14.12	144.27 RT	18 "		21.6 "	227+79.22	151.47 RT	7 "	8.4 "					235+99.94	73.22 LT	6 "	7.2 "	
EACH	STA 241+15.73 OFF 61.05' RT			215+17.17	166.16 RT	11 "	13.2 "		227+80.47	151.35 RT	16 "		19.2 "				236+00.34	78.39 LT	6 "	7.2 "	
EACH	STA 241+29.62 OFF 73.16' RT			215+18.32	34.85 LT	6 "	7.2 "		227+85.04	131.20 RT	16 "		19.2 "				236+00.56	83.31 LT	6 "	7.2 "	
EACH	STA 241+29.99 OFF 52.71' RT			215+18.88	166.02 RT	8 "	9.6 "		227+85.14	51.27 RT	25 "		30.0 "				236+00.93	94.85 LT	8 "	9.6 "	
9	SUBTOTAL			215+21.20	34.33 LT	42 "		50.4 "	227+85.18	120.30 RT	16 "		19.2 "				236+00.97	32.96 LT	6 "	7.2 "	
				215+36.95	61.71 LT	25 "		30.0 "	228+20.10	26.95 RT	23 "		27.6 "				236+01.79	62.97 LT	19 "		22.8 "
				215+41.38	37.38 LT	17 "		20.4 "	228+28.04	98.04 RT	8 "	9.6 "					236+01.89	49.80 LT	11 "	13.2 "	
				215+43.63	73.04 LT	13 "		15.6 "	228+28.63	61.78 RT	15 "		18.0 "				236+02.57	71.58 LT	6 "	7.2 "	
				215+43.81	159.98 LT	12 "	14.4 "		228+44.86	115.26 RT	20 "		24.0 "				236+02.90	36.52 LT	6 "	7.2 "	
				215+55.62	144.67 RT	6 "	7.2 "		228+63.04	68.60 RT	16 "		19.2 "				236+03.03	45.28 LT	8 "	9.6 "	
				215+55.78	150.82 RT	8 "	9.6 "		228+64.68	63.57 RT	15 "		18.0 "				236+03.12	42.00 LT	16 "		19.2 "
21101695	TOPSOIL FURNISH AND PLACE, 30"			215+70.71	50.59 RT	14 "		16.8 "	228+66.35	52.05 RT	12 "	14.4 "					236+04.23	86.96 LT	12 "	14.4 "	
SO YD	LOCATION			215+70.98	127.68 RT	4 "	4.8 "		228+68.63	120.74 RT	16 "		19.2 "				236+09.21	33.13 LT	21 "		25.2 "
377.69	STA 214+70.62 TO STA 217+77.79			215+72.33	60.76 RT	15 "		18.0 "	228+71.91	119.49 RT	14 "		16.8 "				236+11.05	32.69 LT	11 "	13.2 "	
1298.87	STA 223+10.62 TO STA 231+34.56			215+72.93	168.87 LT	30 "		36.0 "	228+82.10	56.62 LT	24 "		28.8 "				236+15.11	58.83 LT	20 "		24.0 "
1268.39	STA 234+14.65 TO STA 240+96.63			215+74.88	116.68 RT	15 "		18.0 "	228+83.68	50.93 LT	8 "	9.6 "					236+15.61	113.69 RT	29 "		34.8 "
378.22	STA 241+07.61 TO STA 243+09.85			215+75.12	97.95 RT	17 "		20.4 "	229+16.09	152.43 RT	24 "		28.8 "				236+62.57	59.81 LT	23 "		27.6 "
3323.17	SUBTOTAL			215+77.19	160.08 RT	30 "		36.0 "	229+38.44	141.36 RT	23 "		27.6 "				236+86.02	106.93 LT	24 "		28.8 "
				215+78.71	166.14 LT	36 "		43.2 "	229+80.91	135.82 RT	18 "		21.6 "				236+87.65	82.55 LT	12 "	14.4 "	
				215+80.93	137.53 RT	8 "	9.6 "		230+70.32	68.26 LT	18 "		21.6 "				236+89.80	57.12 LT	16 "		19.2 "
				215+84.27	146.75 LT	8 "	9.6 "		230+93.99	101.75 RT	6 "	7.2 "					237+78.09	108.99 RT	6 "	7.2 "	
				215+84.75	148.95 LT	30 "		36.0 "	230+98.74	150.53 RT	16 "		19.2 "				237+79.02	61.32 RT	17 "		20.4 "
				215+90.31	135.39 RT	23 "		27.6 "	231+02.77	112.40 RT	13 "		15.6 "				238+93.38	143.28 RT	24 "		28.8 "
				216+05.27	168.62 LT	11 "	13.2 "		231+04.62	145.84 RT	25 "		30.0 "				238+99.04	121.03 RT	36 "		43.2 "
				216+05.33	168.59 LT	11 "	13.2 "		231+32.19	88.14 LT	30 "		36.0 "				239+04.01	142.23 RT	25 "		30.0 "
X1700013	COLORLED SURFACE A			216+08.05	136.52 LT	36 "		43.2 "	231+52.22	126.92 RT	6 "	7.2 "					239+11.95	117.49 RT	34 "		40.8 "
SO FT	LOCATION			216+13.69	129.78 LT	18 "		21.6 "	231+81.08	109.35 RT	10 "	12.0 "					239+13.01	56.96 LT	18 "		21.6 "
355.5	STA 217+77.79 TO STA 219+71.62			216+15.22	115.01 LT	22 "		26.4 "	231+90.42	110.09 RT	20 "		24.0 "				239+33.56	124.27 RT	19 "		22.8 "
358.0	STA 221+15.37 TO STA 223+10.62			216+21.85	43.31 LT	45 "		54.0 "	232+11.43	109.92 RT	12 "	14.4 "					239+34.06	120.87 RT	41 "		49.2 "
350.0	STA 231+34.56 TO STA 233+26.60			216+24.13	104.01 LT	15 "		18.0 "	232+22.11	150.07 RT	8 "	9.6 "					239+47.26	24.30 LT	29 "		34.8 "
1063.5	SUBTOTAL			216+32.14	131.08 RT	13 "		15.6 "	232+23.16	141.95 RT	6 "	7.2 "					239+90.92	108.14 RT	6 "	7.2 "	
				216+33.13	131.04 RT	6 "	7.2 "		232+23.26	139.58 RT	12 "	14.4 "					240+18.23	175.64 LT	35 "		42.0 "
				216+71.56	29.25 LT	13 "		15.6 "	232+24.32	127.72 RT	6 "	7.2 "					240+65.96	57.51 RT	24 "		28.8 "
				216+82.12	129.59 RT	6 "	7.2 "		232+25.03	90.69 RT	12 "	14.4 "					TOTAL			697.2 "	3820.8 "
				216+84.87	127.20 RT	12 "	14.4 "		232+25.41	133.42 RT	8 "	9.6 "					ROUNDED			698.0 "	3821.0 "
				217+11.89	247.69 LT	32 "		38.4 "	232+2												



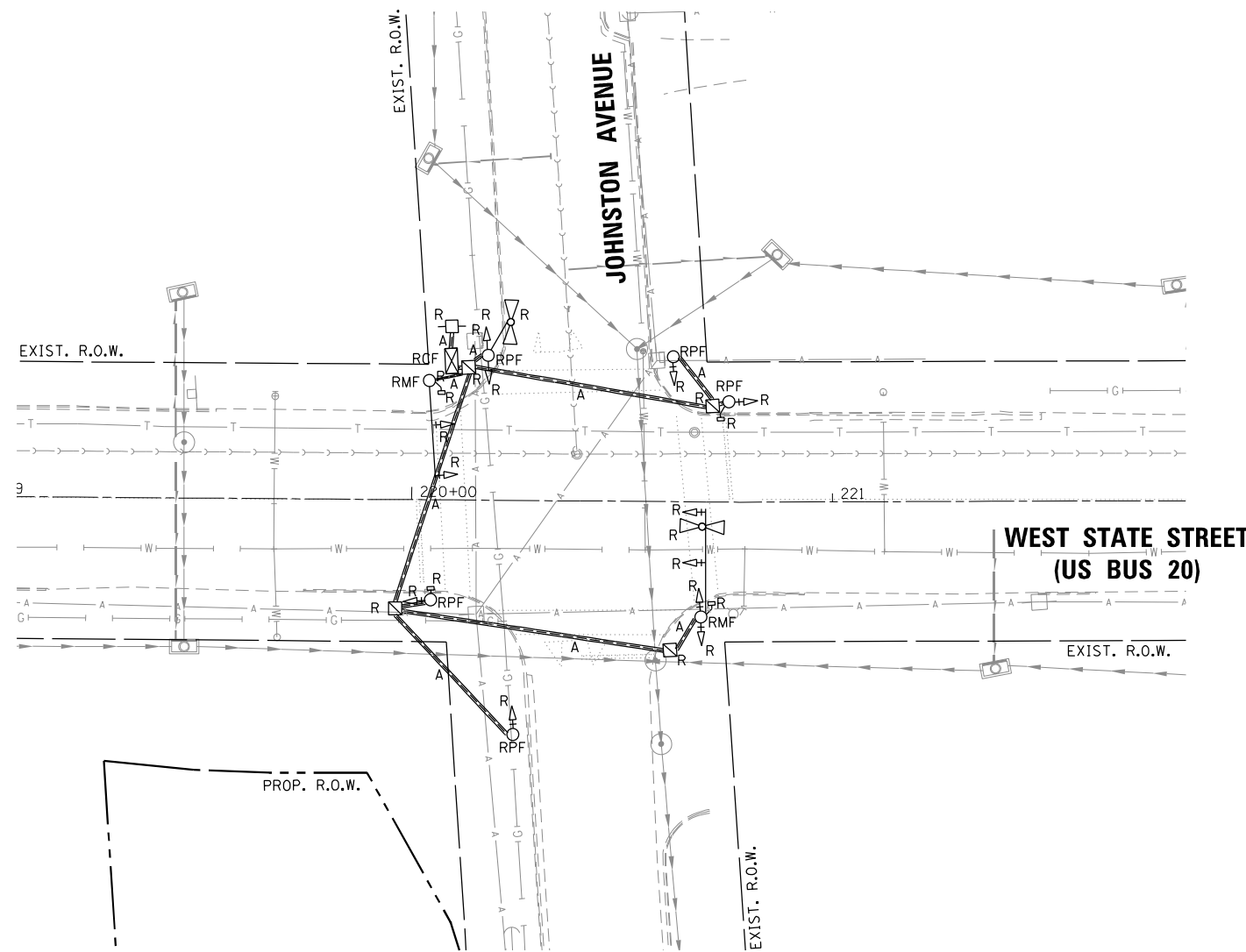
TRAFFIC SIGNAL LEGEND

- ☒_{RCF} CONTROLLER FOUNDATION AND CABINET TO BE REMOVED
- ☐_R SERVICE INSTALLATION POLE MOUNT TO BE REMOVED
- _{RMF} STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- _{RPF} SIGNAL POST AND FOUNDATION TO BE REMOVED
- ▽_R SIGNAL HEAD TO BE REMOVED
- ▽_R (with backplate) SIGNAL HEAD (WITH BACKPLATE) TO BE REMOVED
- ⊕_R PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊕_R (with triangle) EMERGENCY VEHICLE LIGHT DETECTOR CONFIRMATION BEACON TO BE REMOVED
- ☒_R HANDHOLE TO BE REMOVED
- _A EXISTING CONDUIT TO BE ABANDONED

REMOVAL NOTES

AT THE INTERSECTION OF US BUS 20 AND JOHNSTON AVE THE FOLLOWING ITEMS SHALL BE INCLUDED IN REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT AND REMAIN THE PROPERTY OF THE CITY OF ROCKFORD. CONTACT JEREMY CARTER, 1-815-967-6734, WITH CITY OF ROCKFORD FOR THE LOCATION OF DELIVERY OF THE REMOVED EQUIPMENT.

- 1 EACH CONTROLLER AND CABINET COMPLETE
- 4 EACH SIGNAL HEAD, LED, 3-SECTION, MAST ARM MOUNTED
- 2 EACH SIGNAL HEAD, LED, 2-FACE, 3 SECTION, BRACKET MOUNTED
- 4 EACH SIGNAL HEAD, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED
- 5 EACH TRAFFIC SIGNAL POST.
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH SERVICE INSTALLATION, POLE MOUNT
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
- 2 EACH CONFIRMATION BEACON
- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER



FILE NAME = D264H08-shr-ts01.dgn



USER NAME = EtwileE	DESIGNED - MG	REVISED -
	DRAWN - JBBA	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -














**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

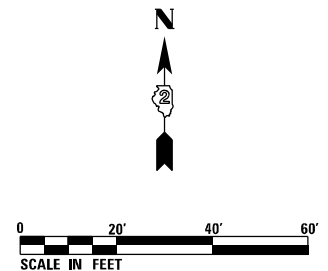
**TRAFFIC SIGNAL REMOVAL PLAN
WEST STATE STREET (US BUS 20)**

SCALE: 1" = 20' SHEET 1 OF 8 SHEETS STA. 219+05 TO STA. 211+85

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	218
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

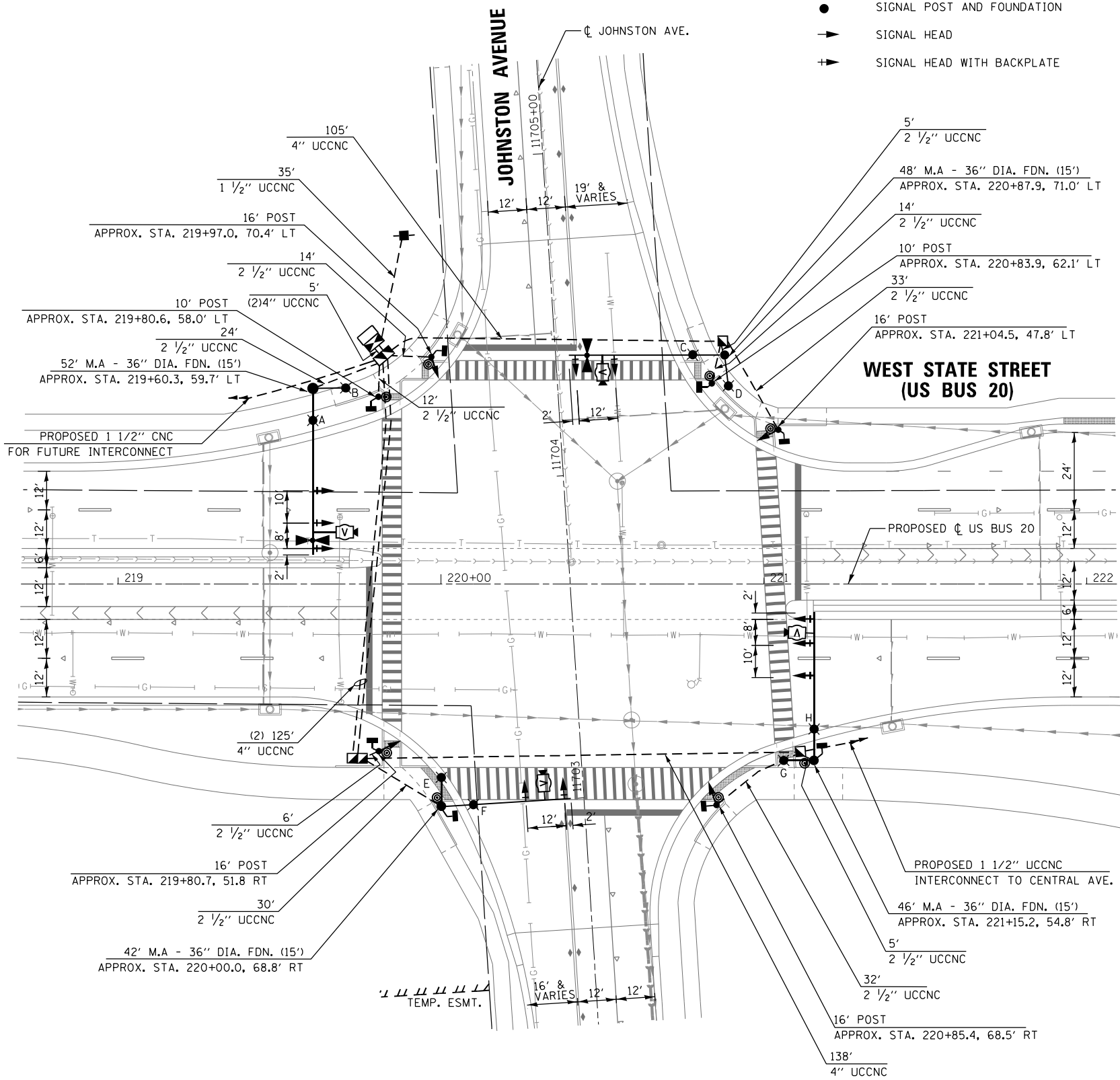
TRAFFIC SIGNAL LEGEND

-  TRAFFIC SIGNAL AND LIGHTING CONTROLLER CABINET
-  SERVICE INSTALLATION POLE MOUNT
-  STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
-  SIGNAL POST AND FOUNDATION
-  SIGNAL HEAD
-  SIGNAL HEAD WITH BACKPLATE
-  VIDEO DETECTION CAMERA
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH-BUTTON
-  EMERGENCY VEHICLE PRIORITY SYSTEM
-  HANDHOLE
-  DOUBLE HANDHOLE
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT



TABULATION OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	US 20 AT JOHNSTON	INTERCONNECT
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	-
81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	35	2309
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	176	-
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	503	-
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	5
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	-
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2185	-
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	-	1
85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	7	-
85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4	-
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	-
86400100	TRANSCEIVER - FIBER OPTIC	EACH	-	1
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	-	3130
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	-	3104
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1480	-
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1536	-
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1357	-
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1732	-
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	55	-
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	832	-
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2	-
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	-
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24	-
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4	-
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60	-
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6	-
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	-
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	-
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	-
88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	10	-
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8	-
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	-
89502380	REMOVE EXISTING HANDHOLE	EACH	4	-
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	-
X0326882	VIDEO CAMERA DETECTOR SYSTEM	EACH	1	-
X5164000	DRILLED SHAFT IN ROCK (SPECIAL)	CU YD	10.5	-
X8212031	LUMINAIRE, TYPE A (SPECIAL)	EACH	8	-
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1	-
X8770135	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	1	-
X8770140	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	EACH	1	-
X8770141	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	EACH	1	-
X8770152	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT. (SPECIAL)	EACH	1	-
X8870800	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1	-



FILE NAME = D264H08-shr-ta02.dgn

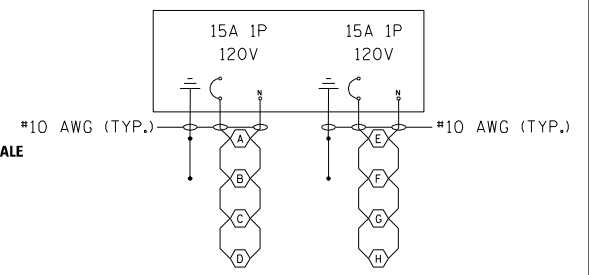
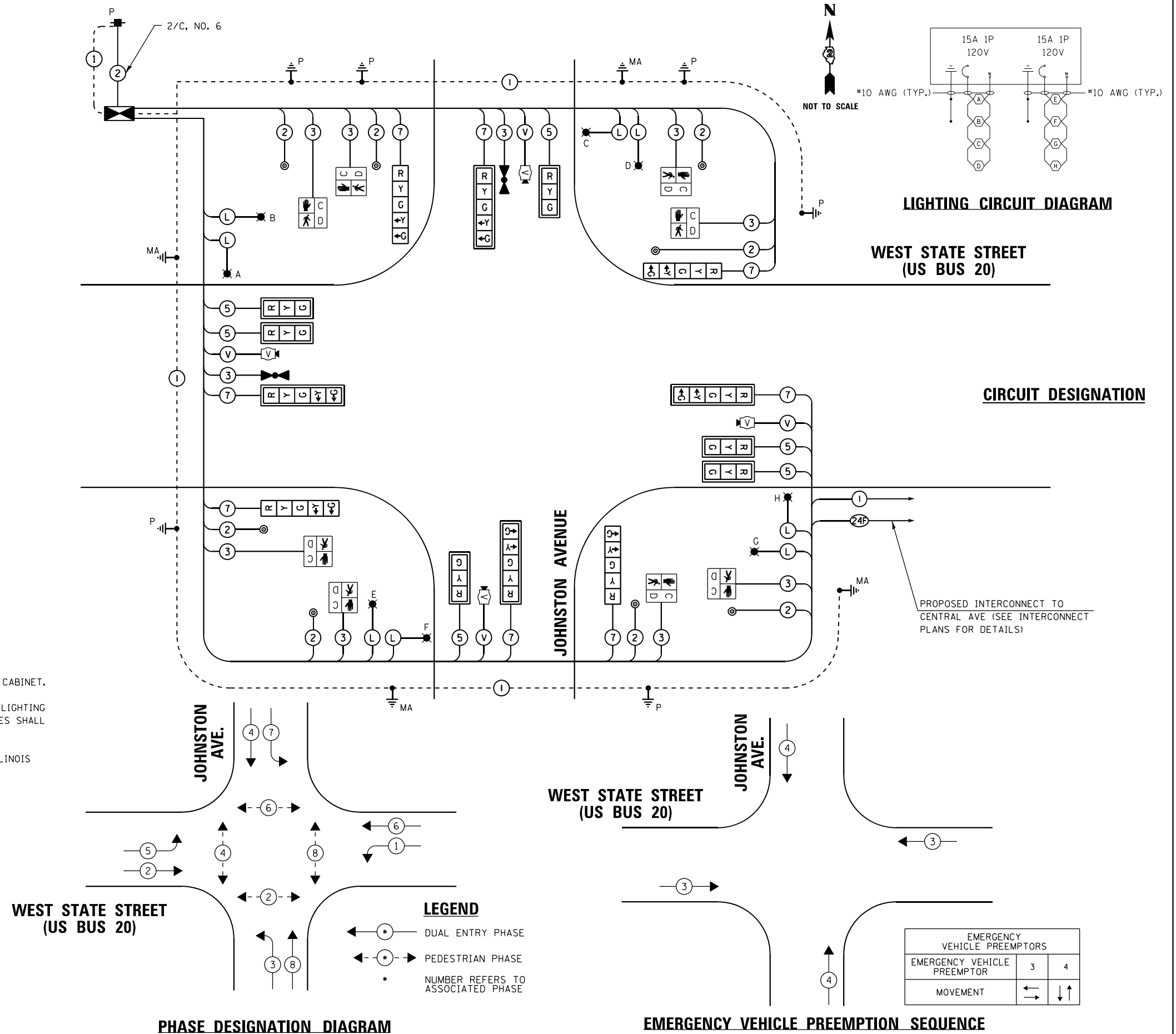
SINGH <small>SINGH & ASSOCIATES, INC. CONSULTING ENGINEERS</small>	USER NAME = EtwileE	DESIGNED - MG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN AND SCHEDULE OF QUANTITIES WEST STATE STREET (US BUS 20) AT JOHNSTON AVENUE	F.A.P. RTE. 303	SECTION 41R-1	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 219
	PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -			SCALE: 1" = 20' SHEET 2 OF 8 SHEETS STA. 218+50 TO STA. 222+05				
	PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -	CONTRACT NO. 64H08 ILLINOIS FED. AID PROJECT						

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	NO. 14 ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS, UNLESS NOTED OTHERWISE
	SIGNAL FACE WITH BACKPLATE
	SIGNAL FACE
	DIRECTIONAL SIGNAL SECTION
	12" TRAFFIC SIGNAL SECTION
	12" PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
	TRAFFIC SIGNAL AND LIGHTING CONTROLLER
	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (MA) MAST ARM, (S) SERVICE
	PEDESTRIAN PUSH-BUTTON
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	EMERGENCY VEHICLE PRIORITY SYSTEM
	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C
	FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F
	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
	ELECTRIC CABLE IN CONDUIT, 2 1/C NO. 10, 1/C NO. 10 GROUND
	LED LUMINAIRE

NOTES:

1. THE END OF TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.
2. LED LUMINAIRE WITH INDIVIDUAL PHOTOCCELL SHALL BE INSTALLED ON TRAFFIC SIGNAL/LIGHTING COMBINATION POLE AT 40 FEET ABOVE BASED ON 15 FEET TRUSS MAST ARM, LUMINAIRES SHALL BE PAINTED BLACK TO MATCH POLE AND MAST ARM.
3. THE CONTRACTOR SHALL CONTACT SCOTT KULLERSTRAND AT (815) 284-5468, AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TWO WEEKS PRIOR TO THE SIGNAL TURN-ON.
4. ENERGY SUPPLY CONTACT:
COMMONWEALTH EDISON COMPANY
MR. MICHAEL LENOX
123 ENERGY AVE.
ROCKFORD, IL 61109



LIGHTING CIRCUIT DIAGRAM

WEST STATE STREET (US BUS 20)

CIRCUIT DESIGNATION

PROPOSED INTERCONNECT TO CENTRAL AVE (SEE INTERCONNECT PLANS FOR DETAILS)

LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE

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

FILE NAME = D264H08-shr-t-1403.dgn



USER NAME = EtwileE	DESIGNED - MG	REVISED -
	DRAWN - JBBA	REVISED -
PLOT SCALE = 40.0000' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
WEST STATE STREET (US BUS 20) AT JOHNSTON AVENUE

SCALE: N.T.S. SHEET 3 OF 8 SHEETS STA. TO STA.

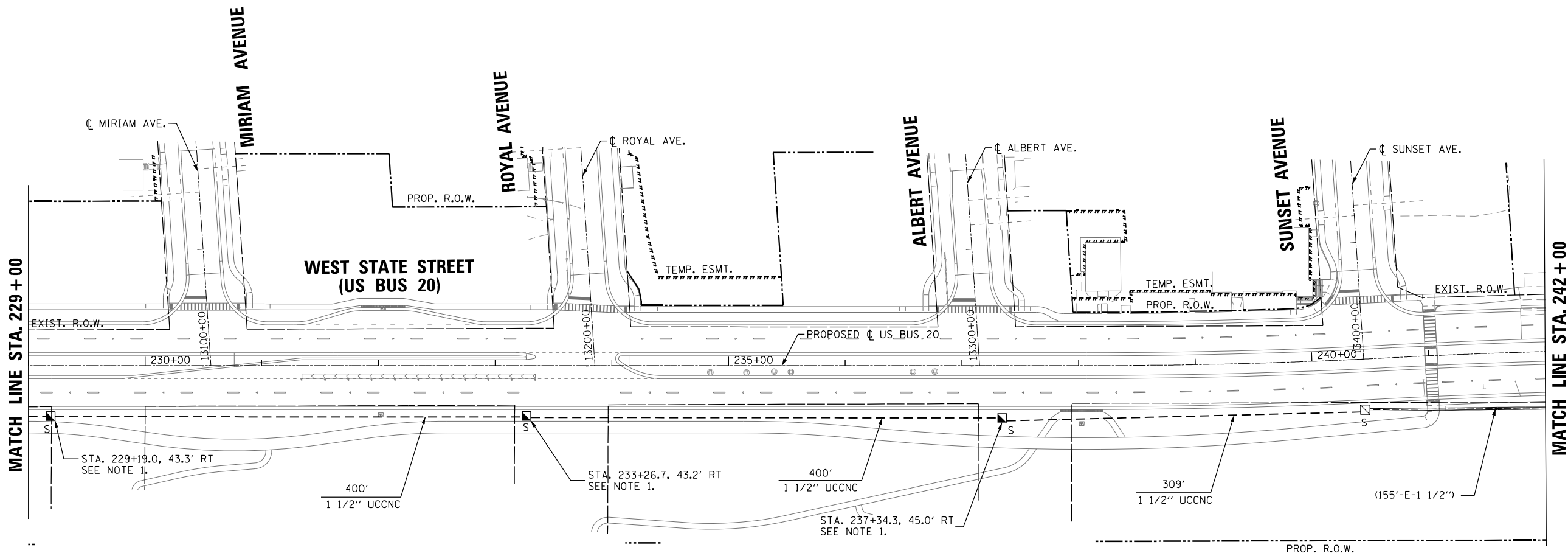
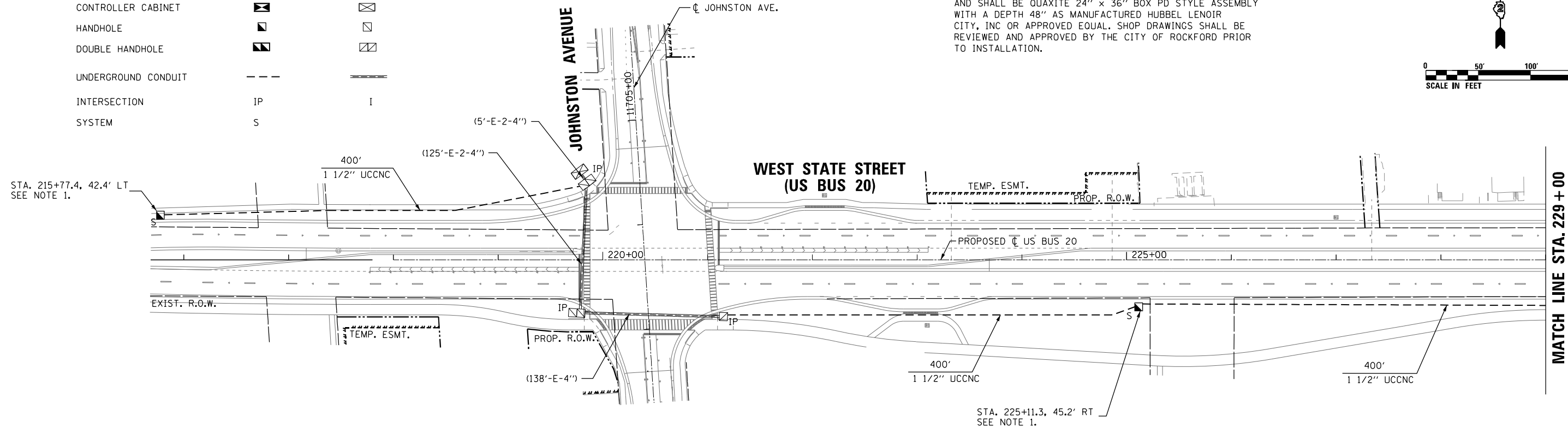
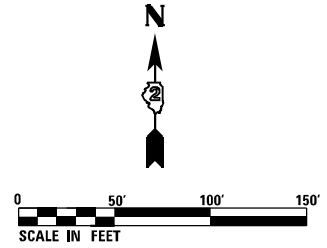
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	220
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

INTERCONNECT PLAN LEGEND:

	PROPOSED	EXISTING
CONTROLLER CABINET		
HANDHOLE		
DOUBLE HANDHOLE		
UNDERGROUND CONDUIT		
INTERSECTION	IP	I
SYSTEM	S	

CONSTRUCTION NOTE:

- ALL HANDHOLES SHOWN ON THESE PLANS ARE (SPECIAL) AND SHALL BE QUAXITE 24" x 36" BOX PD STYLE ASSEMBLY WITH A DEPTH 48" AS MANUFACTURED HUBBEL LENOIR CITY, INC OR APPROVED EQUAL. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE CITY OF ROCKFORD PRIOR TO INSTALLATION.



FILE NAME = D264H08-shr-ta04.dgn



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PLOT SCALE = 100.0000' / 1"	DRAWN - JBBA	REVISED -
PLOT DATE = 8/12/2020	CHECKED - RDP	REVISED -
	DATE - 8/14/2020	REVISED -

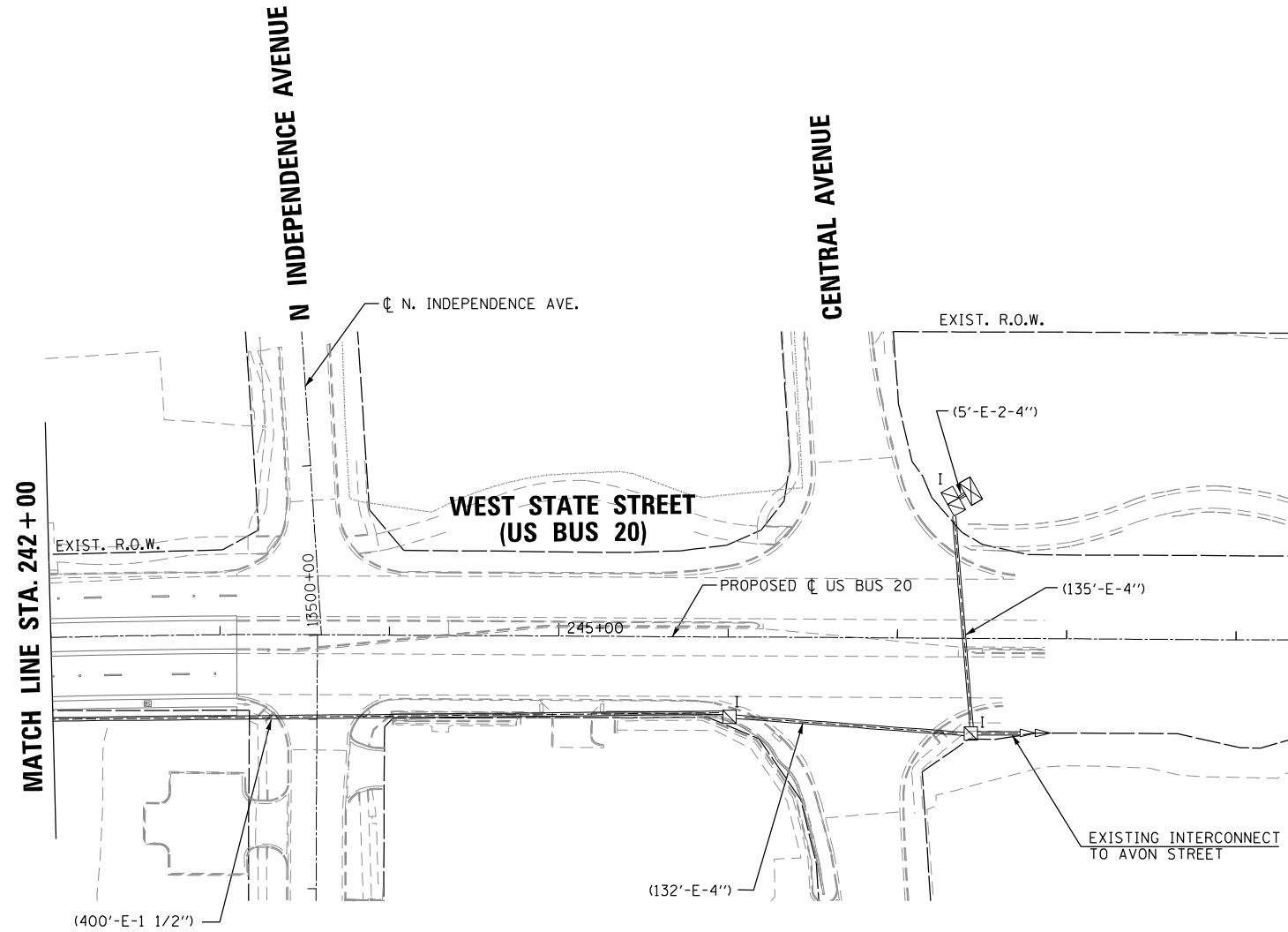
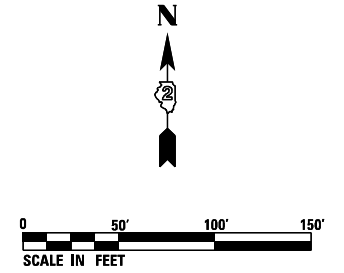
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN
SHEET 1 OF 2
WEST STATE ST (US BUS 20) FROM JOHNSTON AVE TO CENTRAL AVE
SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. 215+50 TO STA. 242+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	221
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

INTERCONNECT PLAN LEGEND:

	PROPOSED	EXISTING
CONTROLLER CABINET		
HANDHOLE		
DOUBLE HANDHOLE		
UNDERGROUND CONDUIT		
INTERSECTION	IP	I
SYSTEM	S	



FILE NAME = D264H08-shr-1s05.dgn



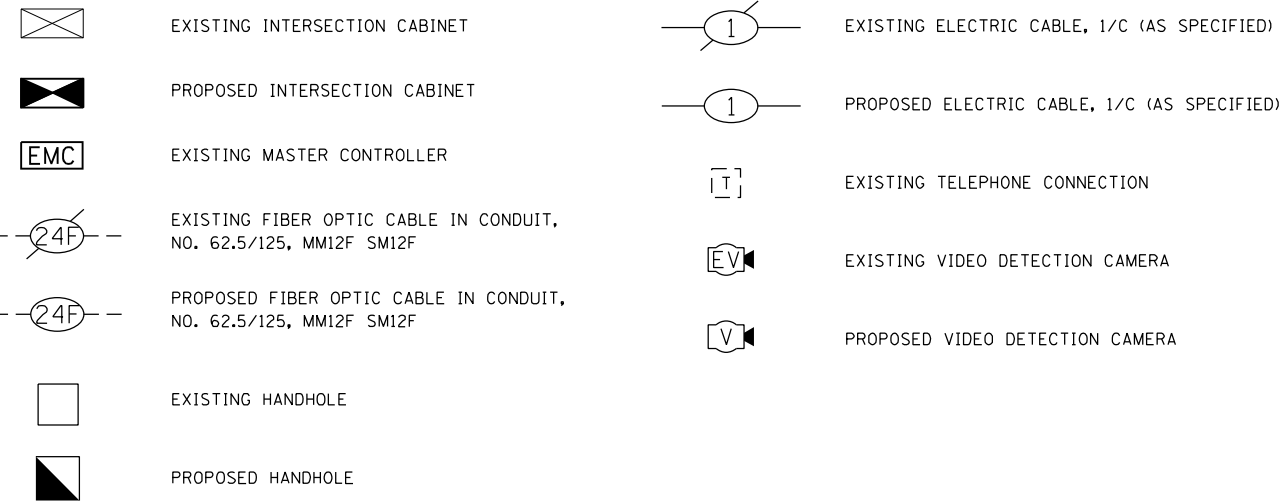
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	DRAWN - JBBA	REVISED -
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PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN
SHEET 2 OF 2
WEST STATE ST (US BUS 20) FROM JOHNSTON AVE TO CENTRAL AVE
SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. 242+00 TO STA. 249+20

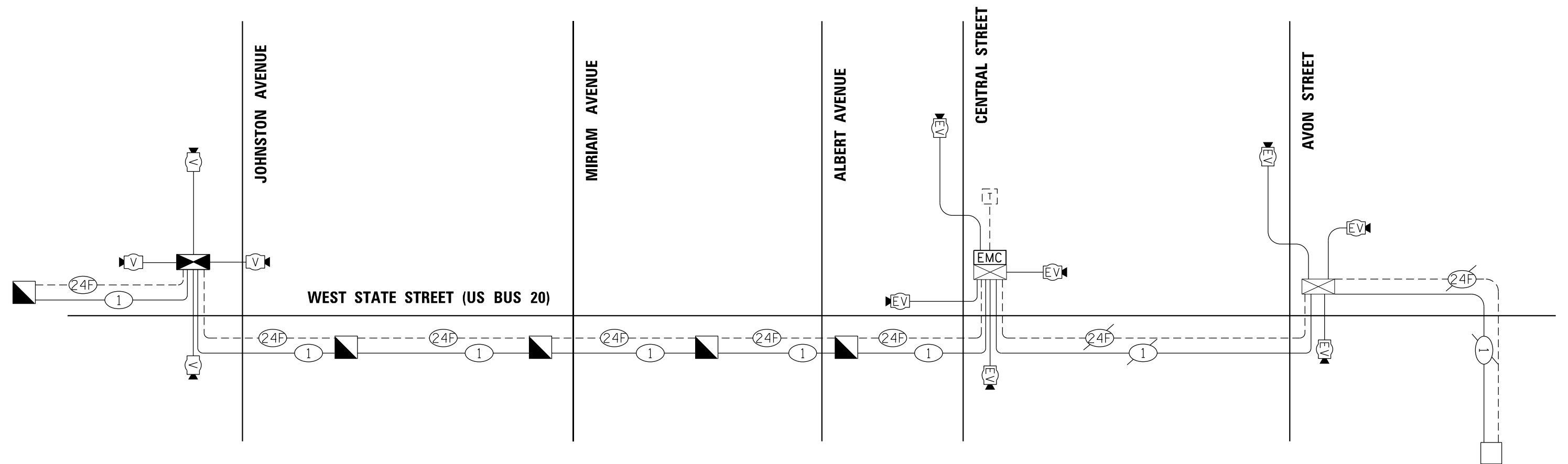
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	222
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

INTERCONNECT SCHEMATIC DRAWING



NOTE

- HANDHOLE (SPECIAL) SHALL BE A QUAXITE 24" x 36" PD STYLE ASSEMBLY WITH A DEPTH 48" AS MANUFACTURED BY HUBBEL LENIOR CITY, INC OR APPROVED EQUAL. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE CITY OF ROCKFORD PRIOR TO INSTALLATION.



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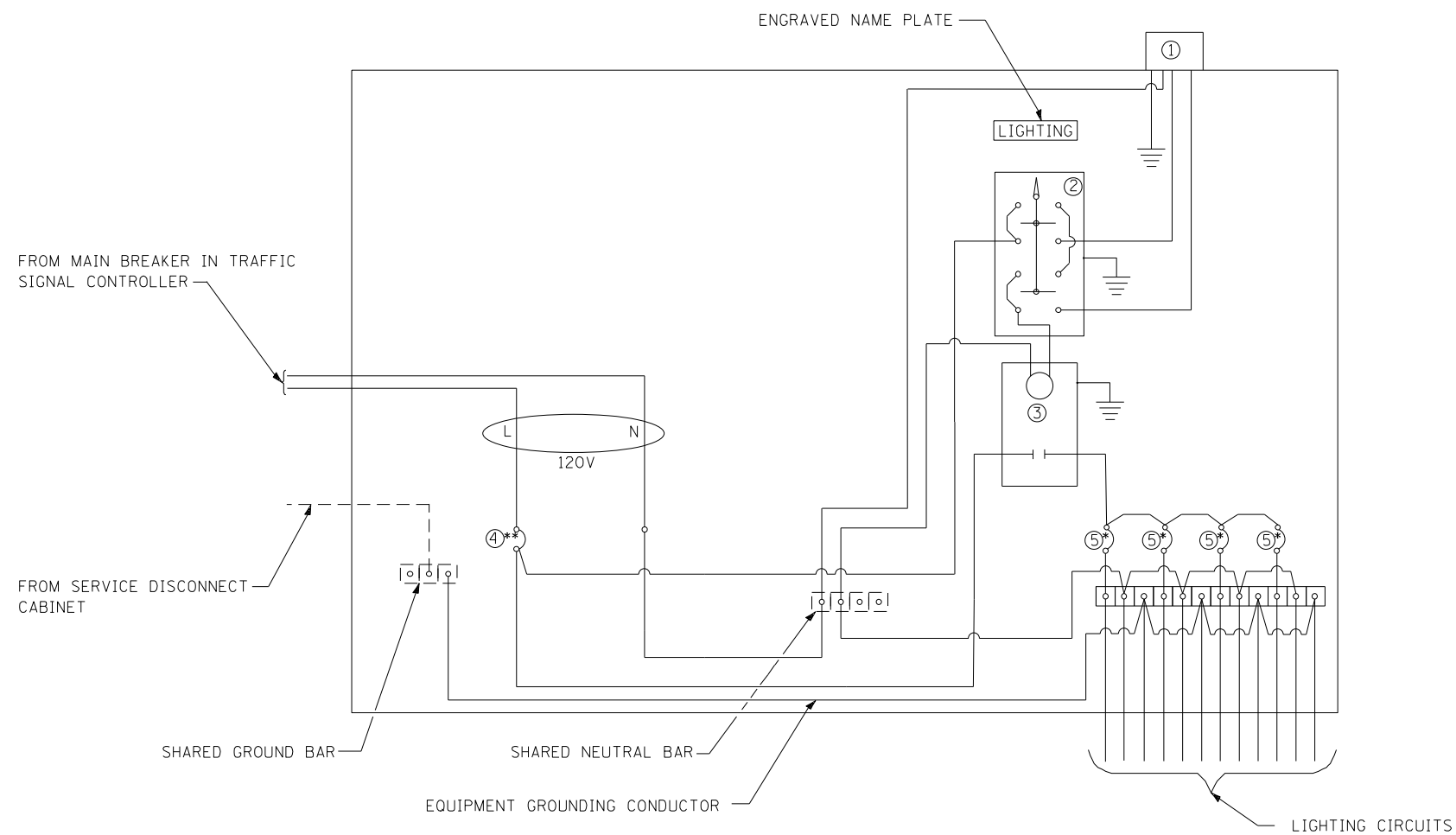


USER NAME = EtwileE	DESIGNED - MG	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC WEST STATE STREET (US BUS 20) JOHNSTON AVENUE TO AVON STREET	
SCALE: N.T.S.	SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	223
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



LEGEND

- ⏏ GROUND CONNECTED TO SHARED GROUND BAR
- INDICATES SHARED WITH TRAFFIC SIGNAL CONTROLLER EQUIPMENT
- ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER
- ② HAND-OFF-AUTO SELECTOR SWITCH
- ③ 30 AMP, 1 POLE ELECTRICALLY HELD CONTACTOR
- ④ 20 AMP, 1 POLE, CIRCUIT BREAKER
- ⑤ 15 AMP, 1 POLE, BRANCH BREAKER
- * QUANTITY OF BRANCH BREAKERS SHALL DEPEND ON THE COMBINATION LIGHTING CIRCUIT DIAGRAM OR AS DIRECTED BY THE ENGINEER.
- ** SIZE LARGER AS NEEDED.

COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

GENERAL NOTES

- ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.
- ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED.
- THE CIRCUIT BREAKER SHALL BE CLEARLY LABELED FOR LIGHTING ACCORDING TO ARTICLE 1068.01(F) OF THE STANDARD SPECIFICATIONS.
- INSTALL UNDER EAVE PHOTOCELL ON TRAFFIC SIGNAL CONTROLLER CABINET PER ARTICLE 1068.01(E)(2) OF THE STANDARD SPECIFICATIONS.
- ALL LIGHTING EQUIPMENT SHALL BE INSTALLED ON A SIDE MOUNTED INSULATED SUBPANEL PER ARTICLE 1068.01(E)(9) OF THE STANDARD SPECIFICATIONS ON THE LOWER RIGHT HAND SIDE OF THE TRAFFIC SIGNAL CONTROLLER OR AS DIRECTED BY THE ENGINEER.
- PROVIDE AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUB PANEL READING "LIGHTING".

FILE NAME = D264H08-shr-ts07.dgn



USER NAME = EtwileE	DESIGNED - MG	REVISED -
	DRAWN - JBBA	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMBINATION LIGHTING CONTROLLER DETAIL
WEST STATE STREET (US BUS 20) AT JOHNSTON AVE**

SCALE: N.T.S. SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	224
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

TABULATION OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL
81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	230
81603030	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	7,595
83008200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. MAST ARM	EACH	36
83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	3
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	110
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	429
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	160
84200804	REMOVAL OF POLE FOUNDATION	EACH	1
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1
X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	22
X8212031	LUMINAIRE, TYPE A (SPECIAL)	EACH	40
X8212032	LUMINAIRE, TYPE B (SPECIAL)	EACH	65

GENERAL NOTES

- NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- UNIT DUCT SHALL BE SCHEDULE 40.
- BREAKAWAY COUPLINGS SHALL NOT BE REUSED.

IDOT HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>TITLE</u>
814001-03	HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
836001-03	LIGHT POLE FOUNDATION

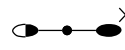



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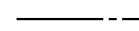
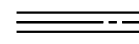

<u>DRAWING NO.</u>	<u>TITLE</u>
L-1	LIGHTING GENERAL NOTES AND TABULATION OF QUANTITIES
L-2 TO L-6	LIGHTING PLANS
L-7	LUMINAIRE WIRING DIAGRAM - (EXISTING CONTROLLER "Y")
L-8	WIRING DIAGRAM
L-9	LUMINAIRE PERFORMANCE TABLE
L-10 TO L-11	POLE DETAILS

FILE NAME = D264H08-shr-lighting.dgn

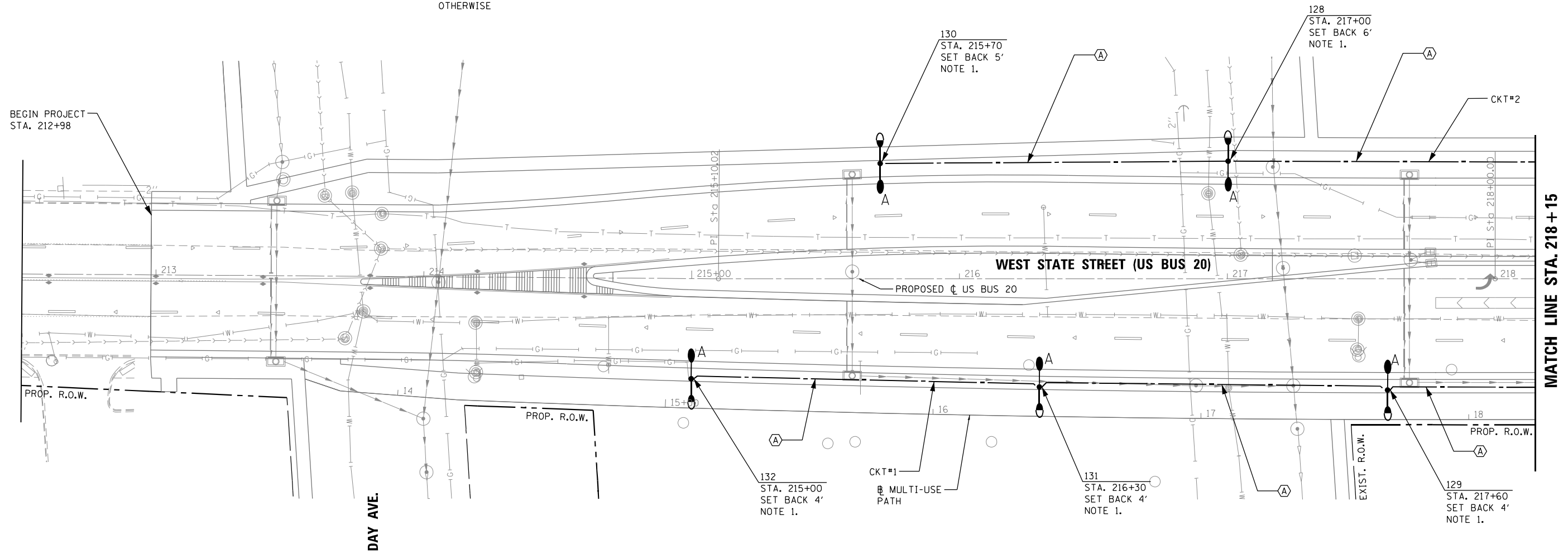
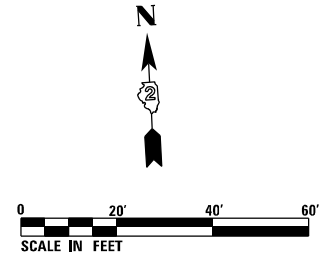
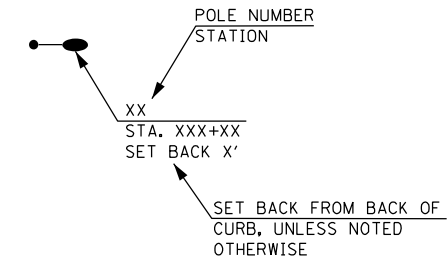
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	PLOT SCALE = 40.0000' / 1" =	CHECKED - RDP	REVISED -			303	41R-1	WINNEBAGO	339	226		
PLOT DATE = 8/13/2020	DATE - 8/14/2020	REVISED -	SCALE: NTS			SHEET 1 OF 11 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT			
						CONTRACT NO. 64H08						

LEGEND

-  LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, AND LUMINAIRE, TYPE B (SPECIAL), 16FT MH, MOUNTED ON BREAKAWAY COUPLING DEVICE
-  LIGHTING UNIT: LUMINAIRE, TYPE B (SPECIAL), 16FT MH
-  LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, MOUNTED ON BREAKAWAY COUPLING DEVICE
- A = 6FT MAST ARM
B = 8FT MAST ARM
-  COMBINATION LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40' MH, 15' MAST ARM

-  UNIT DUCT, SIZE AND TYPE AS NOTED
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC, SIZE AND LENGTH AS INDICATED
-  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

POLE DESIGNATION



LIGHTING NOTE
1. FOUNDATION DEPTH SHALL BE 9'-6".

MATCH LINE STA. 218 + 15

FILE NAME = D264H08-shr-lighting.dgn



USER NAME = EtwileE	DESIGNED - RDP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JBBA/AP	REVISED -
PLOT DATE = 8/12/2020	CHECKED - RDP	REVISED -
	DATE - 8/14/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN WEST STATE STREET (US BUS 20)	
SCALE: 1"=20'	SHEET 2 OF 11 SHEETS
STA. 212+50 TO STA. 218+15	

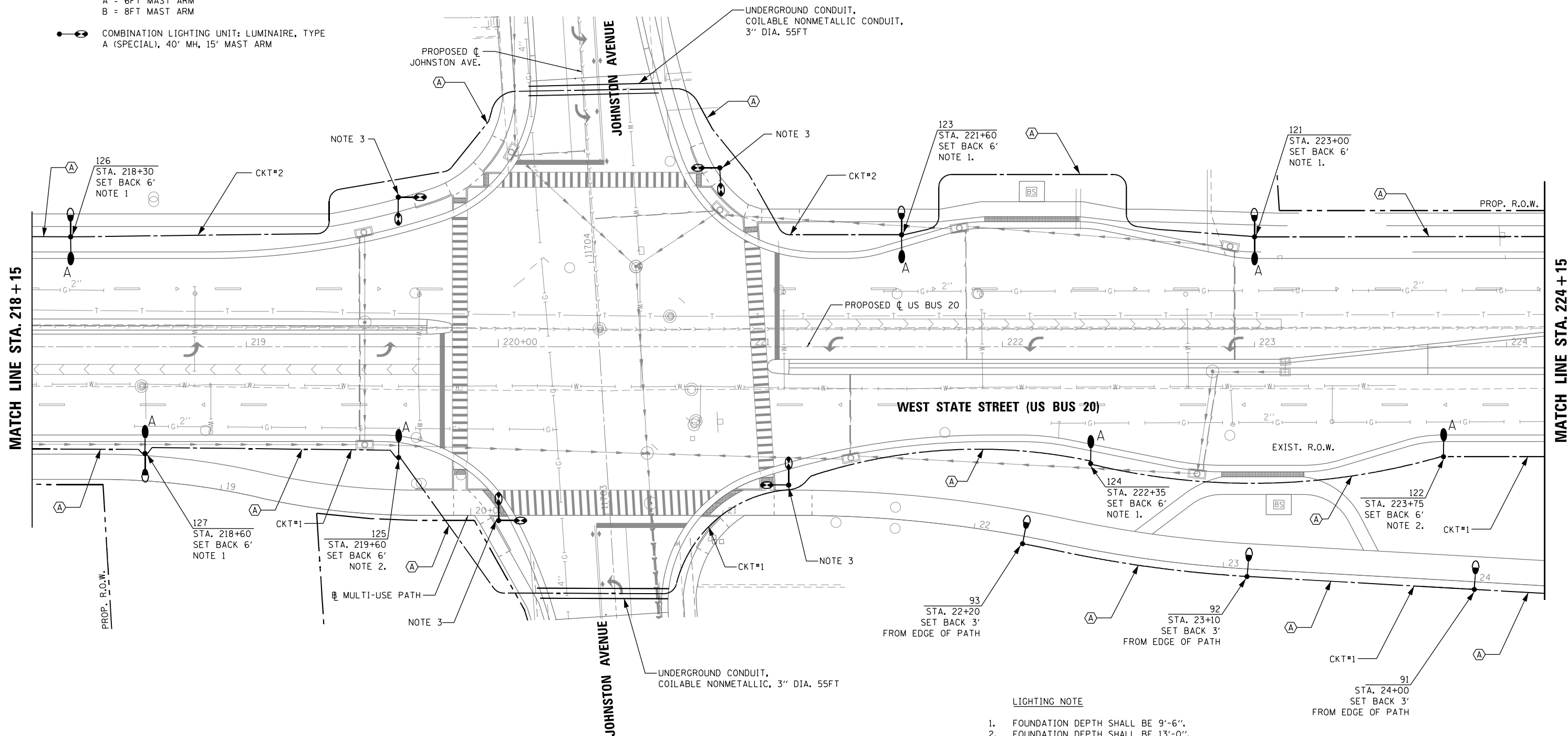
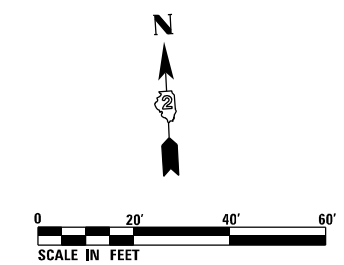
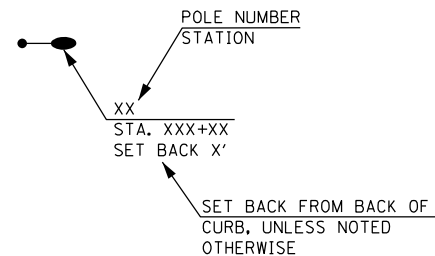
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	227
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

LEGEND

- LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, AND LUMINAIRE, TYPE B (SPECIAL), 16FT MH, MOUNTED ON BREAKAWAY COUPLING DEVICE
- LIGHTING UNIT: LUMINAIRE, TYPE B (SPECIAL), 16FT MH
- LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, MOUNTED ON BREAKAWAY COUPLING DEVICE
- A = 6FT MAST ARM
B = 8FT MAST ARM
- COMBINATION LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40' MH, 15' MAST ARM

- UNIT DUCT, SIZE AND TYPE AS NOTED
- === UNDERGROUND CONDUIT, COILABLE NONMETALLIC, SIZE AND LENGTH AS INDICATED
- (A) UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

POLE DESIGNATION



- LIGHTING NOTE**
1. FOUNDATION DEPTH SHALL BE 9'-6".
 2. FOUNDATION DEPTH SHALL BE 13'-0".
 3. SEE TRAFFIC SIGNAL PLANS FOR EXACT LOCATIONS OF COMBINATION LIGHT POLES.

FILE NAME = D264H08-shr-1gh+03.dgn



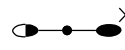



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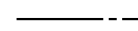
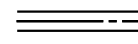

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN WEST STATE STREET (US BUS 20)	
SCALE: 1"=20'	SHEET 3 OF 11 SHEETS
STA. 218+15	TO STA. 224+15

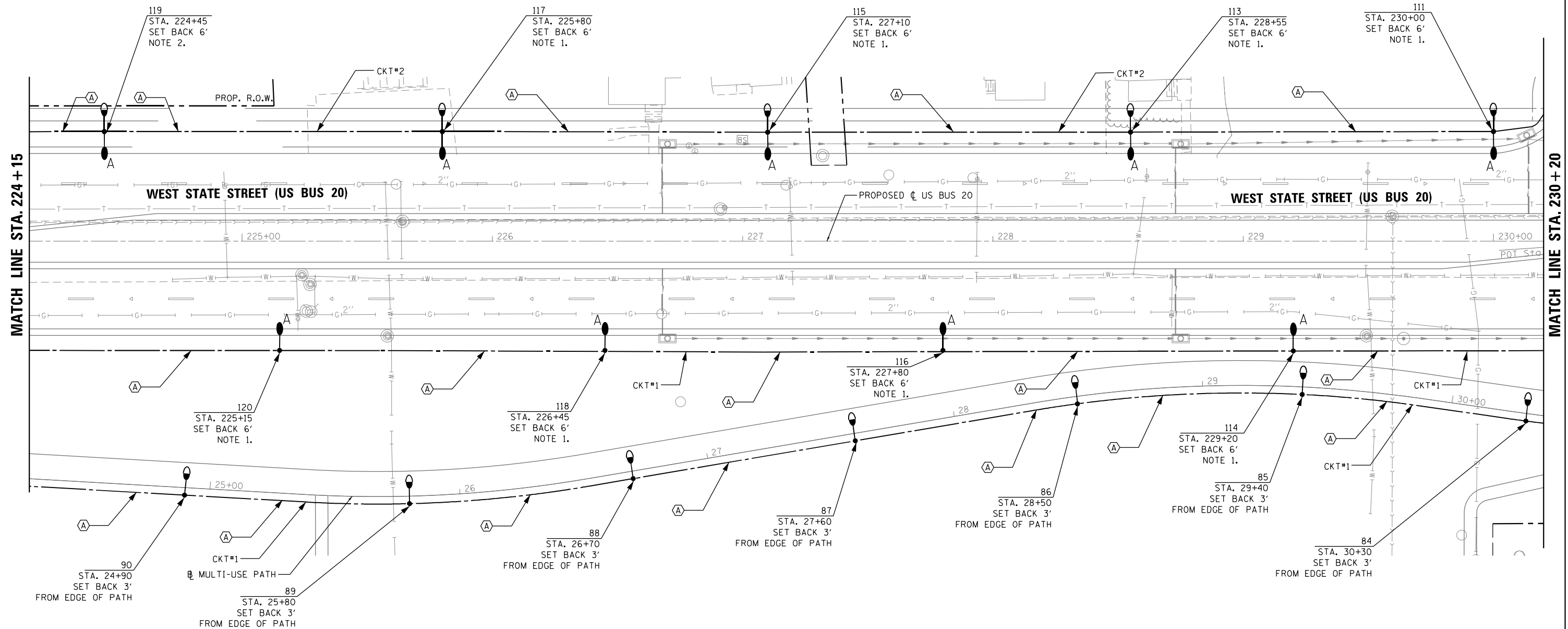
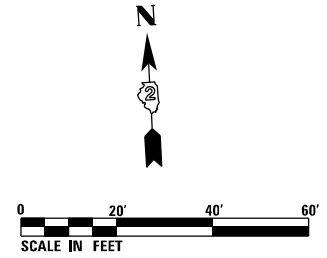
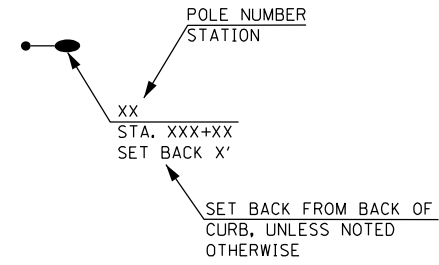
F.A.P. RTE. 303	SECTION 41R-1	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 228
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

LEGEND

-  LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, AND LUMINAIRE, TYPE B (SPECIAL), 16FT MH, MOUNTED ON BREAKAWAY COUPLING DEVICE
-  LIGHTING UNIT: LUMINAIRE, TYPE B (SPECIAL), 16FT MH
-  LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, MOUNTED ON BREAKAWAY COUPLING DEVICE
- A = 6FT MAST ARM
B = 8FT MAST ARM
-  COMBINATION LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40' MH, 15' MAST ARM

-  UNIT DUCT, SIZE AND TYPE AS NOTED
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC, SIZE AND LENGTH AS INDICATED
-  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

POLE DESIGNATION



- LIGHTING NOTE**
1. FOUNDATION DEPTH SHALL BE 9'-6".
 2. FOUNDATION DEPTH SHALL BE 13'-0".

L-4

FILE NAME = D264H08-shr-lighting.dgn



USER NAME = EtwileE	DESIGNED - RDP	REVISED -
PLOT SCALE = 40.0000' / 1" IN.	DRAWN - JBBA/AP	REVISED -
PLOT DATE = 8/12/2020	CHECKED - RDP	REVISED -
	DATE - 8/14/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN
WEST STATE STREET (US BUS 20)**

SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. 224+15 TO STA. 230+20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	229
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

LEGEND

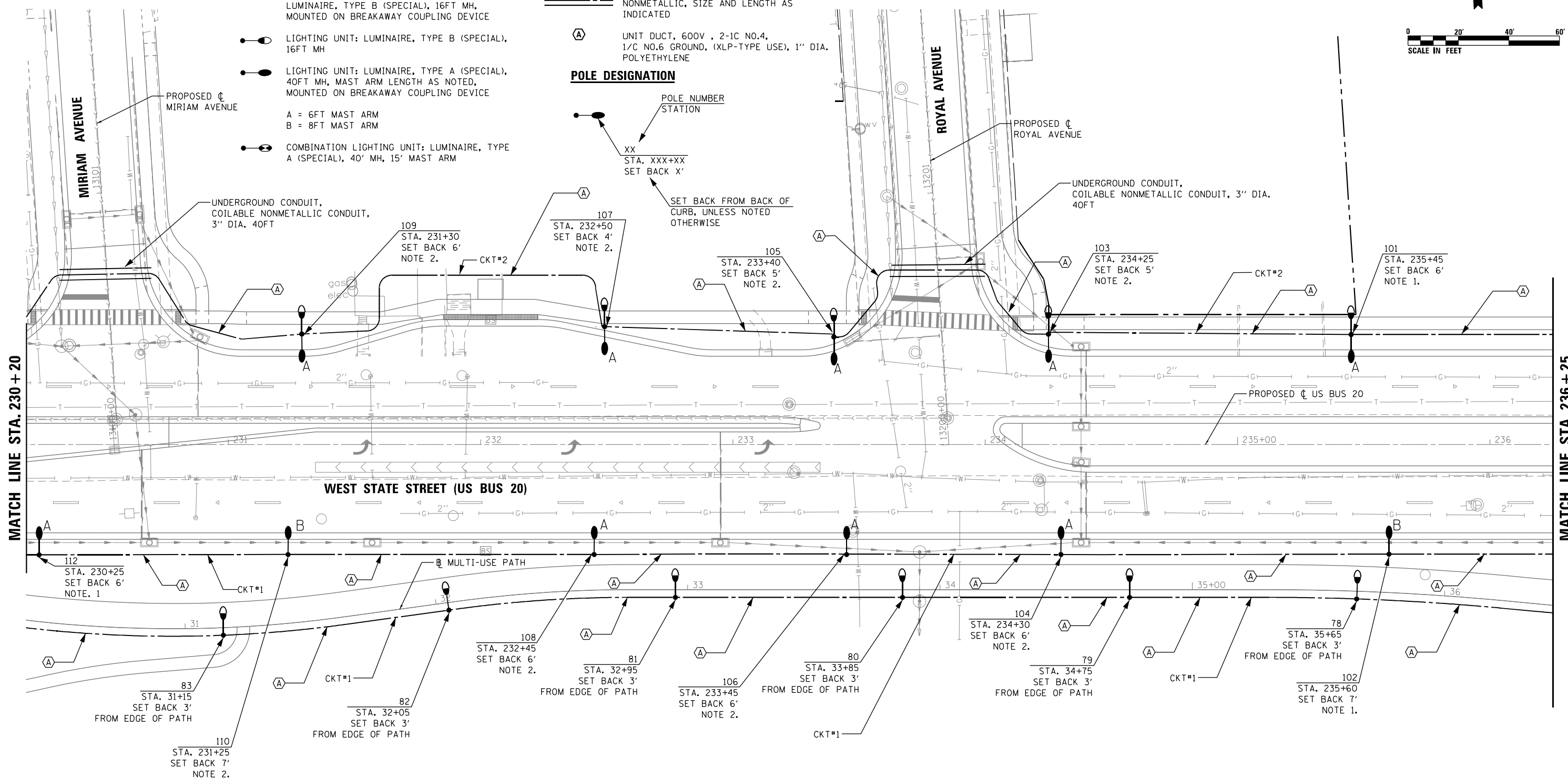
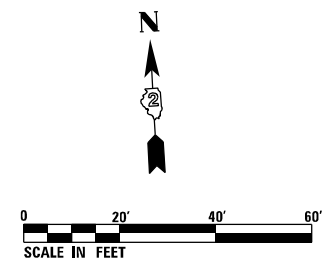
- LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, AND LUMINAIRE, TYPE B (SPECIAL), 16FT MH, MOUNTED ON BREAKAWAY COUPLING DEVICE
- LIGHTING UNIT: LUMINAIRE, TYPE B (SPECIAL), 16FT MH
- LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, MOUNTED ON BREAKAWAY COUPLING DEVICE
- A = 6FT MAST ARM
B = 8FT MAST ARM
- COMBINATION LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40' MH, 15' MAST ARM

- UNIT DUCT, SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC, SIZE AND LENGTH AS INDICATED

UNIT DUCT, 600V, 2-1C NO.4, 1/2 NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

POLE DESIGNATION

- POLE NUMBER STATION
- STA. XXX+XX SET BACK X'
- SET BACK FROM BACK OF CURB, UNLESS NOTED OTHERWISE



- LIGHTING NOTE**
1. FOUNDATION DEPTH SHALL BE 9'-6".
 2. FOUNDATION DEPTH SHALL BE 13'-0".

L-5

FILE NAME = D264408-shr-1gh+05.dgn



USER NAME = EtwileE	DESIGNED - RDP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JBBA/AP	REVISED -
PLOT DATE = 8/12/2020	CHECKED - RDP	REVISED -
	DATE - 8/14/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN WEST STATE STREET (US BUS 20)	
SCALE: 1"=20'	SHEET 5 OF 11 SHEETS STA. 230+20 TO STA. 236+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	230
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

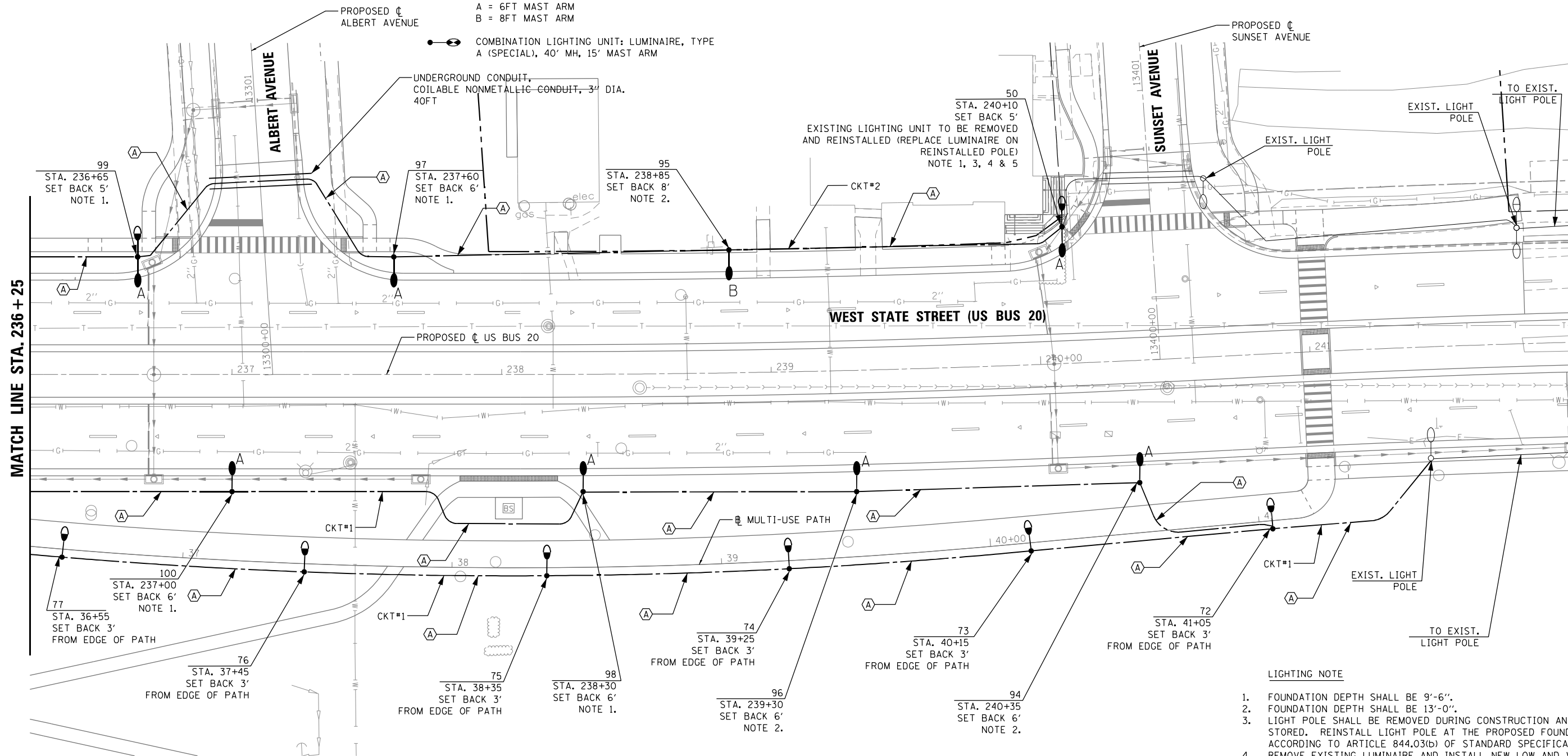
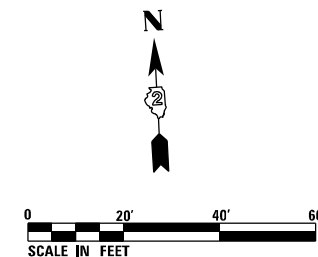
LEGEND

- LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, AND LUMINAIRE, TYPE B (SPECIAL), 16FT MH, MOUNTED ON BREAKAWAY COUPLING DEVICE
 - LIGHTING UNIT: LUMINAIRE, TYPE B (SPECIAL), 16FT MH
 - LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40FT MH, MAST ARM LENGTH AS NOTED, MOUNTED ON BREAKAWAY COUPLING DEVICE
 - COMBINATION LIGHTING UNIT: LUMINAIRE, TYPE A (SPECIAL), 40' MH, 15' MAST ARM
- A = 6 FT MAST ARM
B = 8 FT MAST ARM

- UNIT DUCT, SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC, SIZE AND LENGTH AS INDICATED
- UNIT DUCT, 600V, 2-1C NO.4, 1/2 NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

POLE DESIGNATION

- POLE NUMBER
STATION
XX
STA. XXX+XX
SET BACK X'
- SET BACK FROM BACK OF CURB, UNLESS NOTED OTHERWISE



LIGHTING NOTE

1. FOUNDATION DEPTH SHALL BE 9'-6".
2. FOUNDATION DEPTH SHALL BE 13'-0".
3. LIGHT POLE SHALL BE REMOVED DURING CONSTRUCTION AND STORED. REINSTALL LIGHT POLE AT THE PROPOSED FOUNDATION ACCORDING TO ARTICLE 844.03(b) OF STANDARD SPECIFICATIONS.
4. REMOVE EXISTING LUMINAIRE AND INSTALL NEW LOW AND VERY LOW WATTAGE LED LUMINAIRE. INSTALL POLE WIRING AND FUSE KIT.
5. THE CONTRACTOR SHALL LOCATE, UNCOVER AND RE-ROUTE EXISTING UNIT DUCT TO THE PROPOSED LIGHTING UNIT.

FILE NAME = D264108-shr-11gh+106.dgn



USER NAME = EtwileE
PLOT SCALE = 40.0000' / 1" IN.
PLOT DATE = 8/12/2020

DESIGNED - RDP
DRAWN - JBBA/AP
CHECKED - RDP
DATE - 8/14/2020

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**LIGHTING PLAN
WEST STATE STREET (US BUS 20)**

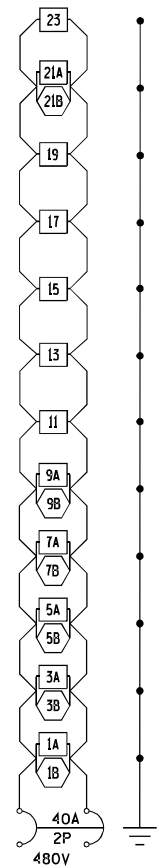
SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA. 236+25 TO STA. 242+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	231
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

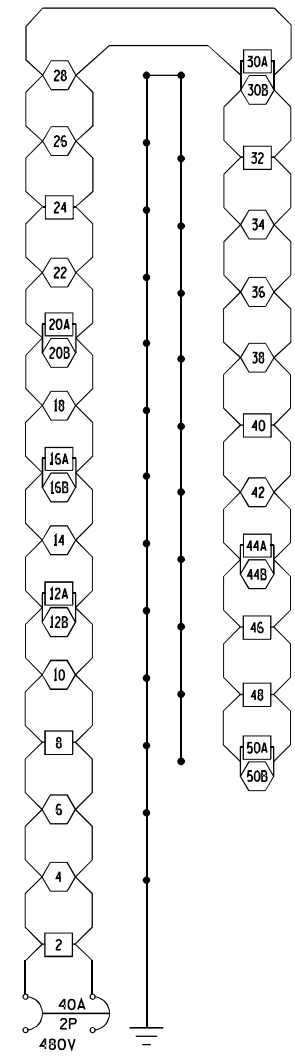
FOR INFORMATION ONLY

LEGEND:

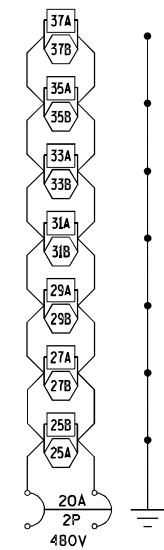
-  ORNAMENTAL 70 WATT MH LUMINAIRE
-  ORNAMENTAL 400 WATT MH LUMINAIRE
-  GROUND CONNECTION AT EACH POLE
-  GROUND ROD



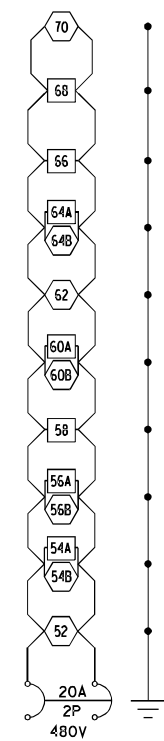
ALL CONDUCTOR #4
CONTROLLER Y CKT 1



ALL CONDUCTORS #4
CONTROLLER Y CKT 2



ALL CONDUCTORS #8
CONTROLLER Y CKT 3



ALL CONDUCTORS #8
CONTROLLER Y CKT 4

CONTROLLER "Y" LIGHTING WIRING DIAGRAM

FILE NAME = D264H08-shr-1igh-w08.dgn



USER NAME = EtwileE	DESIGNED - RDP	REVISED -
	DRAWN - JBBA/AP	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/12/2020	DATE - 8/14/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIRING DIAGRAM

SCALE: NTS SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	233
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

LUMINAIRE PERFORMANCE TABLES

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE - PROPOSED LIGHTING (LUMINAIRE, TYPE B (SPECIAL))

GIVEN CONDITIONS		
ROADWAY DATA:	PAVEMENT WIDTH	10 (FT.)
	NUMBER OF LANES (IN DIRECTION OF TRAVEL)	1
	I.E.S. SURFACE CLASSIFICATION	R3
	Q-ZERO VALUE	.07
LIGHT POLE DATA:	MOUNTING HEIGHT	16 (FT.)
	MAST ARM LENGTH	2 (FT.)
	POLE SET-BACK FROM EDGE OF PAVEMENT	2 (FT.)
LUMINAIRE DATA:	LUMINAIRE TYPE	LED
	LUMEN DEPRECIATION FACTOR	0.90
	DIRT DEPRECIATION FACTOR	0.80
	EQUIPMENT FACTOR	0.95
	TOTAL LIGHT LOSS FACTOR	0.684
LAYOUT DATA:	SPACING	90 (FT.)
	CONFIGURATION	SINGLE SIDED
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LANE	0 (FT.)

NOTE: VARIATIONS FROM THE ABOVE SPECIFIED I.E.S. DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.

PERFORMANCE REQUIREMENTS		
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NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE

ILLUMINANCE:	AVERAGE ILLUMINANCE: (E_{AVE})	0.5 fc
	UNIFORMITY RATIOS: (E_{AVE}/E_{MIN})	4.0:1 (MAX)

COMPLIANCE WITH PERFORMANCE CRITERIA SHALL BE HELD TO ONE SIGNIFICANT DIGIT.

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE - PROPOSED LIGHTING (LUMINAIRE, TYPE A (SPECIAL))

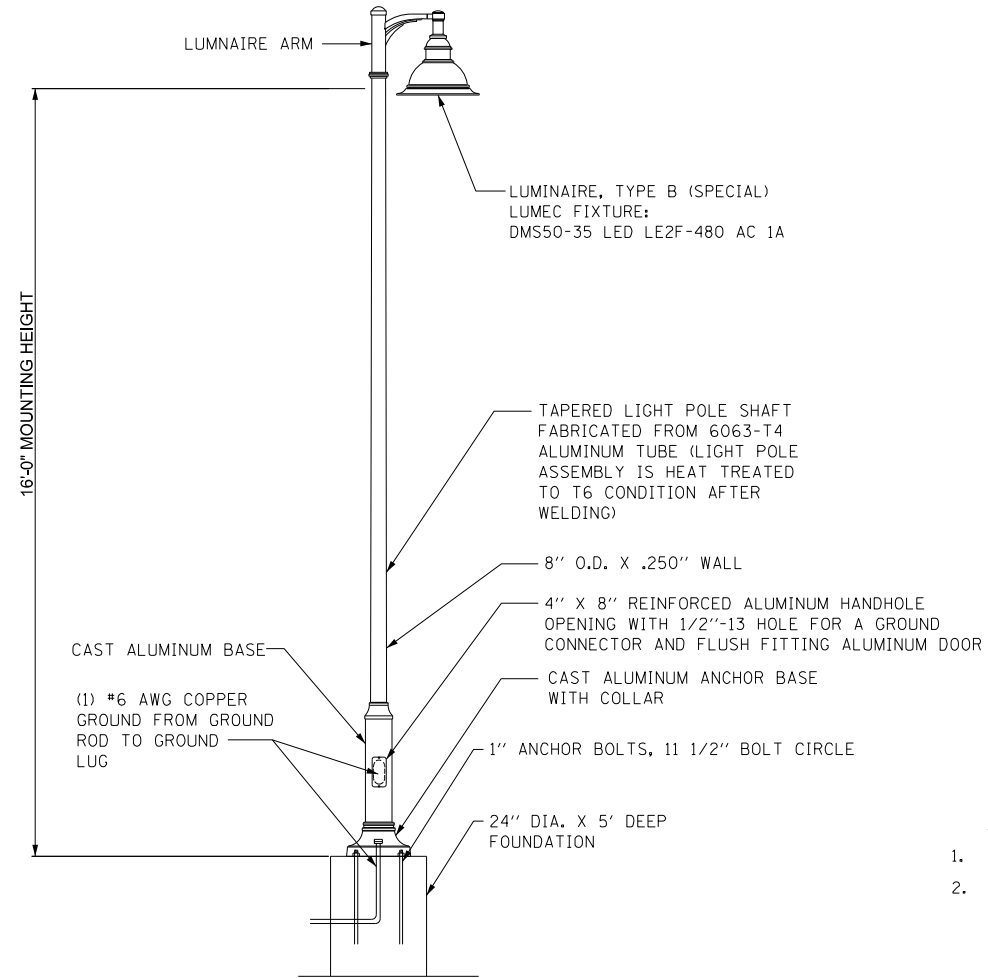
GIVEN CONDITIONS		
ROADWAY DATA:	PAVEMENT WIDTH	24 (FT.)
	NUMBER OF LANES (IN DIRECTION OF TRAVEL)	2
	MEDIAN WIDTH	22 (FT.)
	I.E.S. SURFACE CLASSIFICATION	R3
LIGHT POLE DATA:	MOUNTING HEIGHT	40 (FT.)
	MAST ARM LENGTH	8 (FT.)
	POLE SET-BACK FROM EDGE OF PAVEMENT	8 (FT.)
LUMINAIRE DATA:	LUMINAIRE TYPE	LED
	LUMEN DEPRECIATION FACTOR	0.90
	DIRT DEPRECIATION FACTOR	0.80
	EQUIPMENT FACTOR	0.95
	TOTAL LIGHT LOSS FACTOR	0.684
LAYOUT DATA:	SPACING	145 (FT.)
	CONFIGURATION	STAGGERED
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LANE	0 (FT.)

NOTE: VARIATIONS FROM THE ABOVE SPECIFIED I.E.S. DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.

PERFORMANCE REQUIREMENTS		
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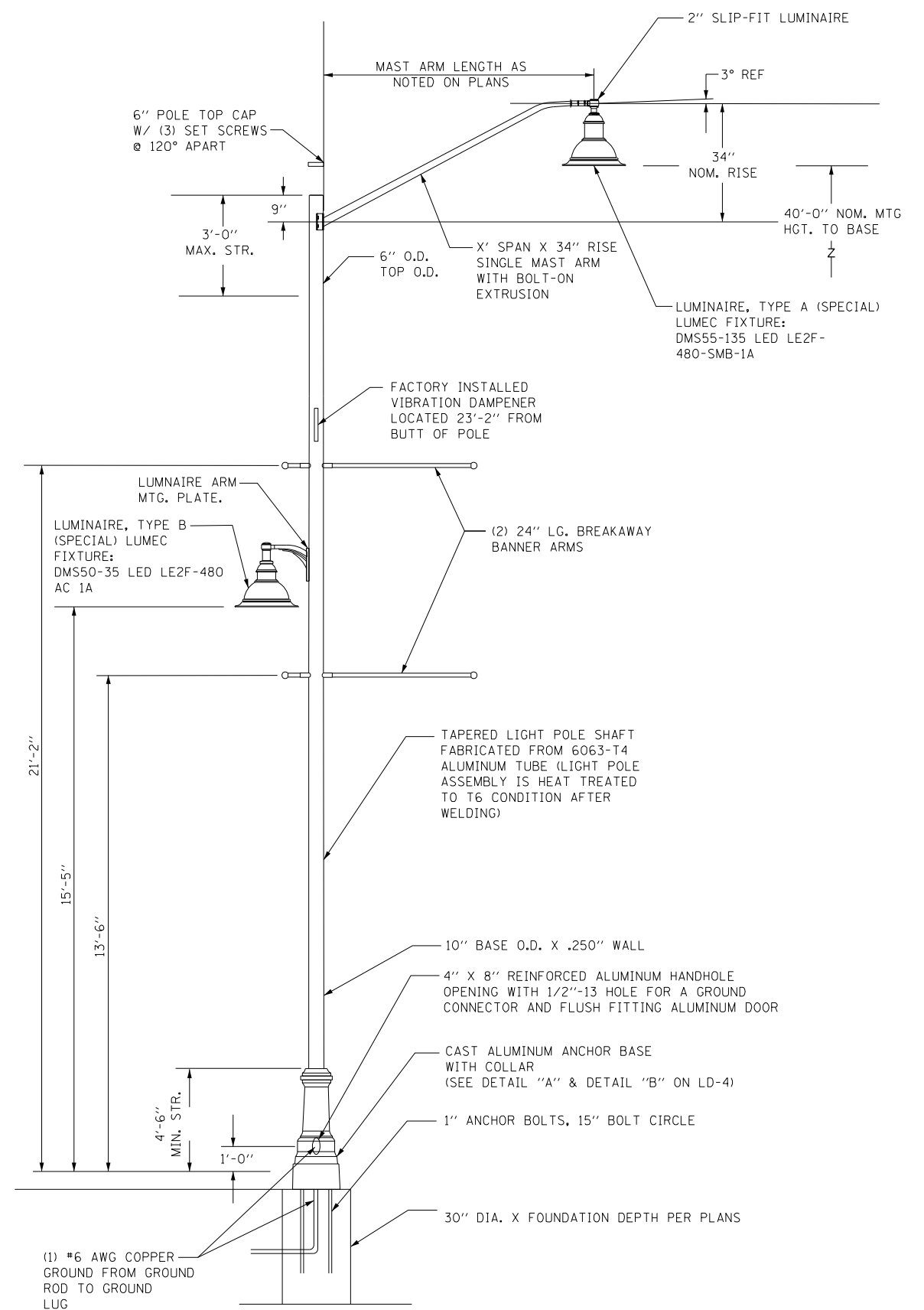
NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE

LUMINANCE:	AVERAGE LUMINANCE: (L_{AVE})	0.9 Cd/m ²
	UNIFORMITY RATIOS: (L_{AVE}/L_{MIN})	3.0:1 (MAX)
	(L_{MAX}/L_{MIN})	5.0:1 (MAX)
	MAXIMUM VEILING LUMINAIRE RATIO: (L_V/L_{AVE})	0.3:1 (MAX)



A ORNAMENTAL LIGHT UNIT, COMPLETE
NOT TO SCALE

- NOTES**
1. ALL FINISHES SHALL BE BLACK TEXTURED.
 2. ALL PART NUMBERS ARE LUMEC, OR APPROVED EQUALS.



B DECORATIVE STREET LIGHT POLE
NOT TO SCALE

FILE NAME = D264H08-shr-light10.dgn

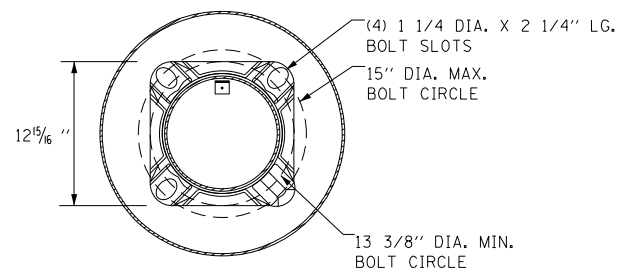


USER NAME = EtzwileE	DESIGNED - RDP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JBBA/AP	REVISED -
PLOT DATE = 8/12/2020	CHECKED - RDP	REVISED -
	DATE - 8/14/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

POLE DETAILS	
SCALE: NTS	SHEET 10 OF 11 SHEETS STA. TO STA.

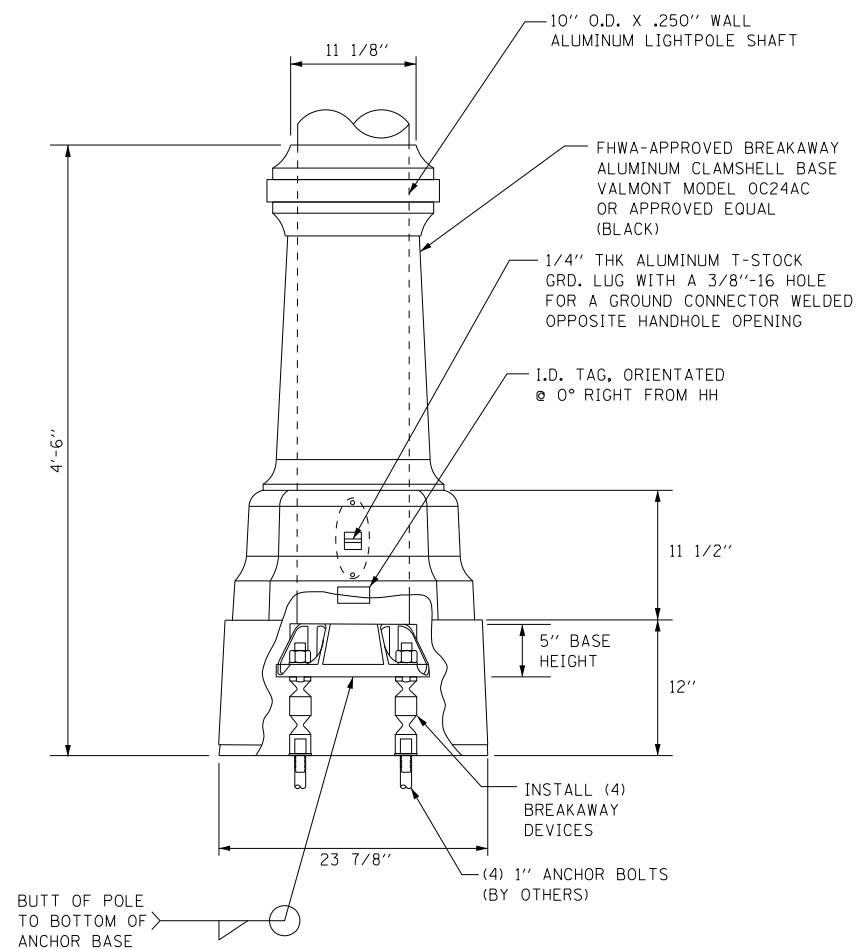
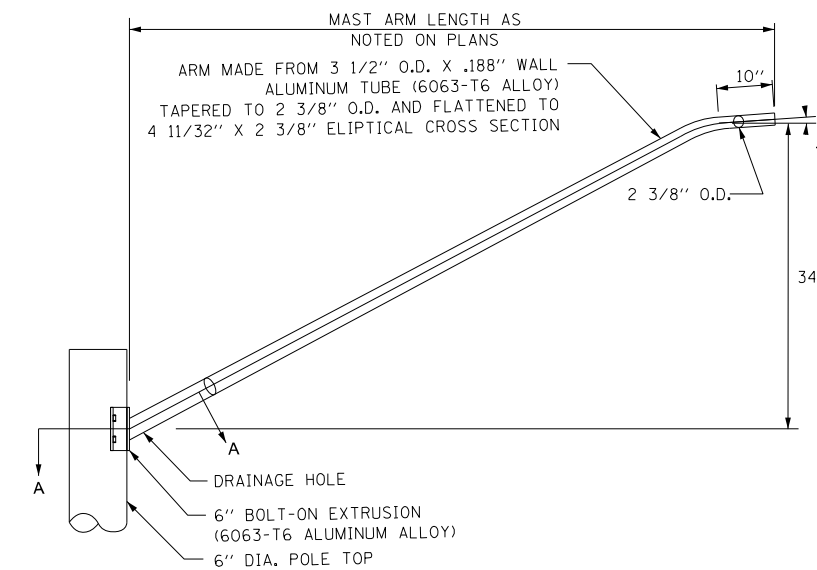
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	235
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				



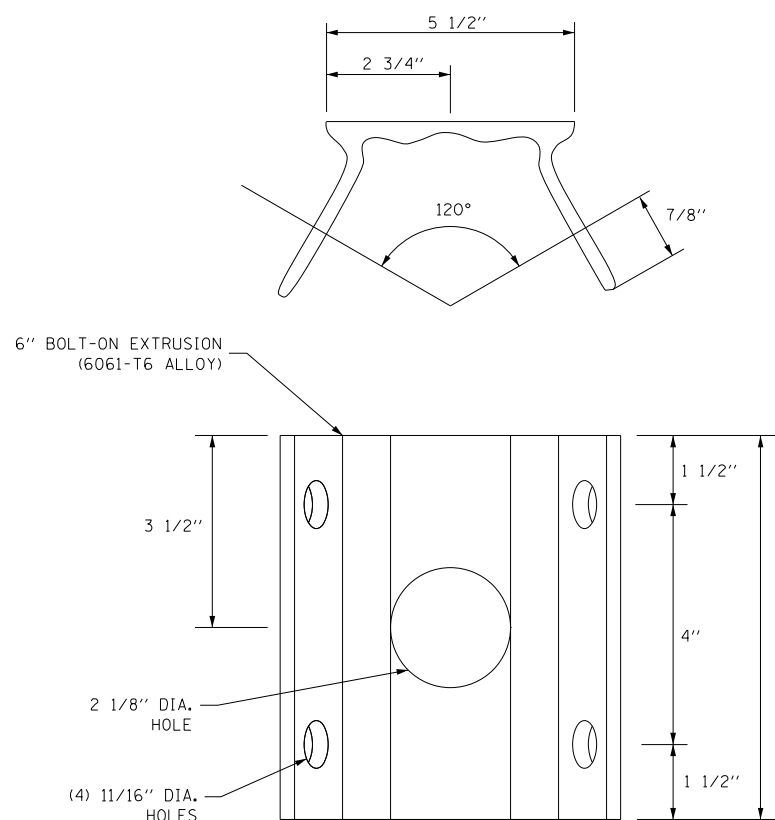
DETAIL B

NOTES:

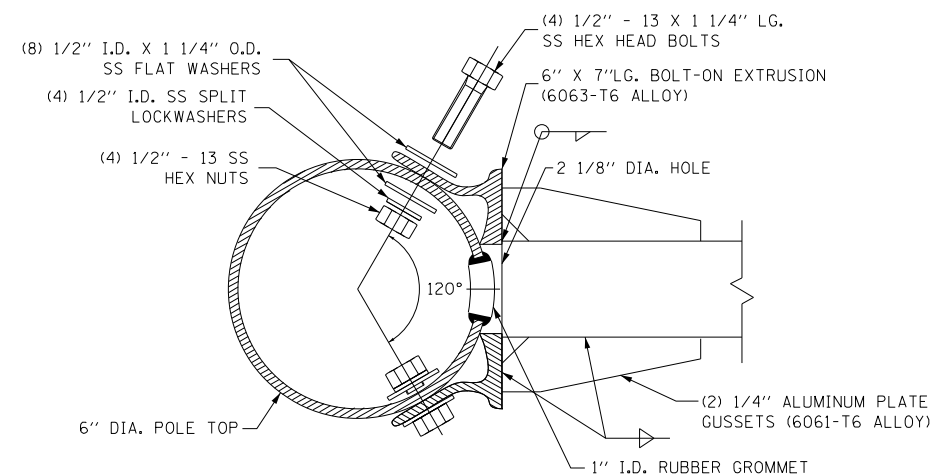
1. UNITS SHALL BE MANUFACTURED ACCORDING TO AASHTO "LRFD FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED. LIGHT POLES SHALL BE DESIGNED FOR 90 MPH WIND VELOCITY AND A MINIMUM DESIGN LIFE OF 50 YEARS.
2. POLES SHALL BE DESIGNED TO WITHSTAND LOADING OF 75 LB. LUMINAIRE WITH AN EPA OF 1.65 SQ. FT (PLUS PEDESTRIAN LUMINAIRE AND BRACKET ARM, IF APPLICABLE) INCLUDING ALL ATTACHMENTS.



DETAIL A



EXTRUSION DETAIL



SECTION A-A

FILE NAME = D264H08-shr-1ghs11.dgn

SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = EtwileE	DESIGNED - RDP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JBBA/AP	REVISED -
PLOT DATE = 8/12/2020	CHECKED - RDP	REVISED -
	DATE - 8/14/2020	REVISED -





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

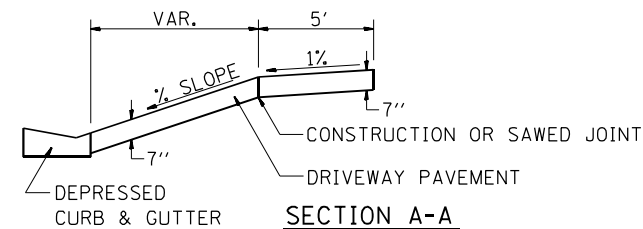
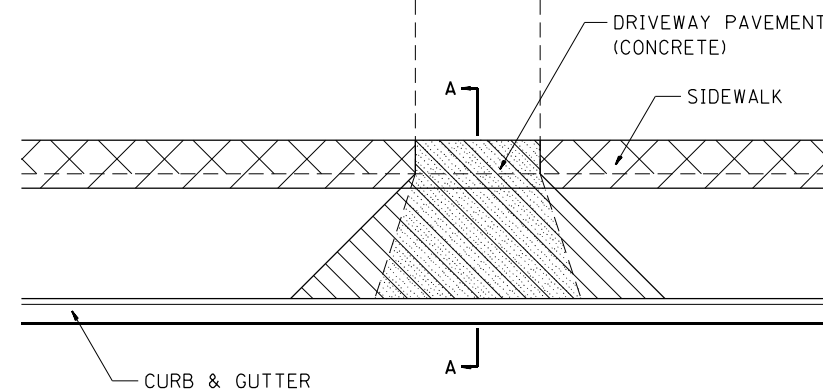
POLE DETAILS

SCALE: NTS SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	236
CONTRACT NO. 64H08				
ILLINOIS FED. AID PROJECT				

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

- PAY FOR AS
-  SIDEWALK REMOVAL
 -  DRIVEWAY PAVEMENT REMOVAL
 -  PCC SIDEWALK 5
 -  PCC DRIVEWAY PAVEMENT 7



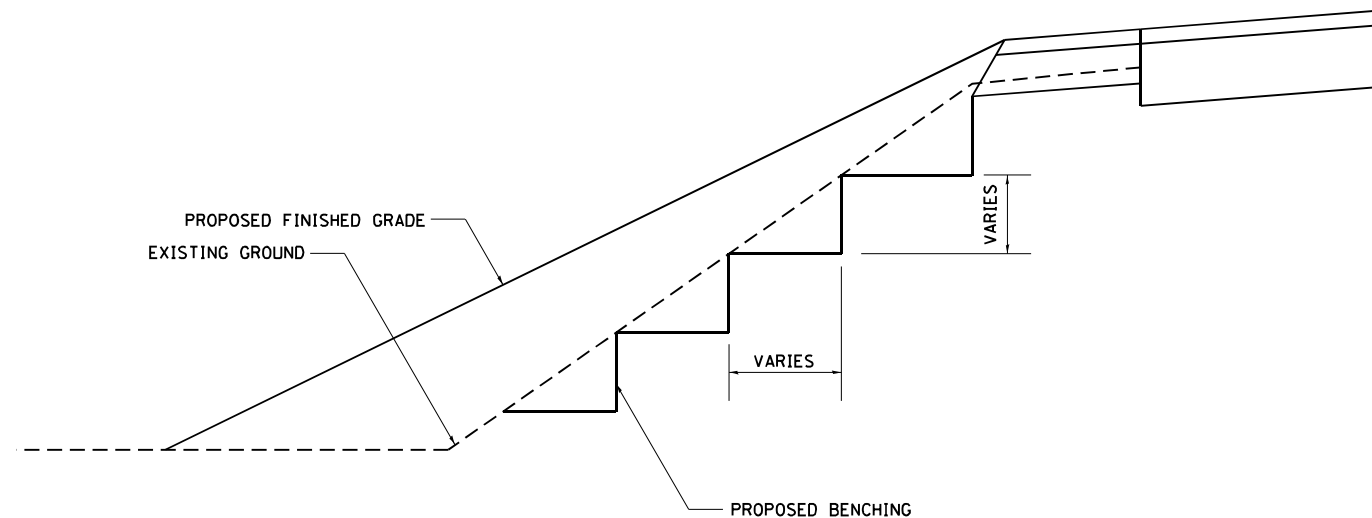
FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 6-27-14
10-03-11

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

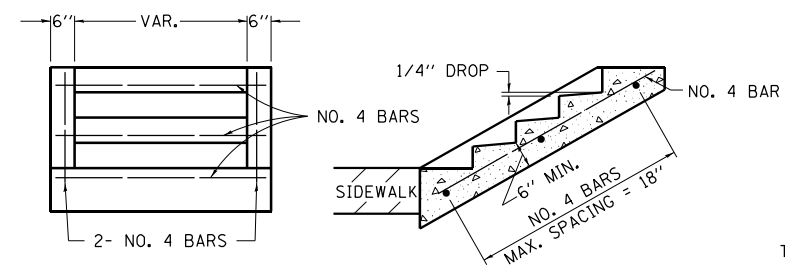
TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

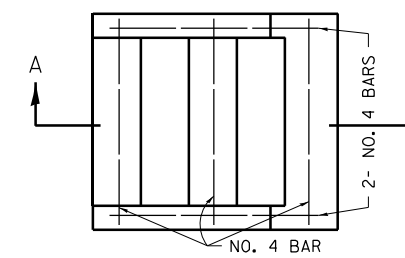
TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

DETAIL OF CONCRETE STEPS



END ELEVATION

SECTION A-A



PLAN

TABLE OF TREADS & RISERS		
SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

EXAMPLE:

FOR A 1:4 SLOPE USE $y = \text{RISER HEIGHT}$ $4y^2 = 75''$. SOLVING $y^2 = \frac{75''}{4}$, $y = 4.3''$ (USE 4 1/4" FOR CONVENIENCE.) TREAD WOULD THEN BE $4 \frac{1}{4}'' \times 4 = 17''$

COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS FOR REINFORCEMENT BARS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STEPS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

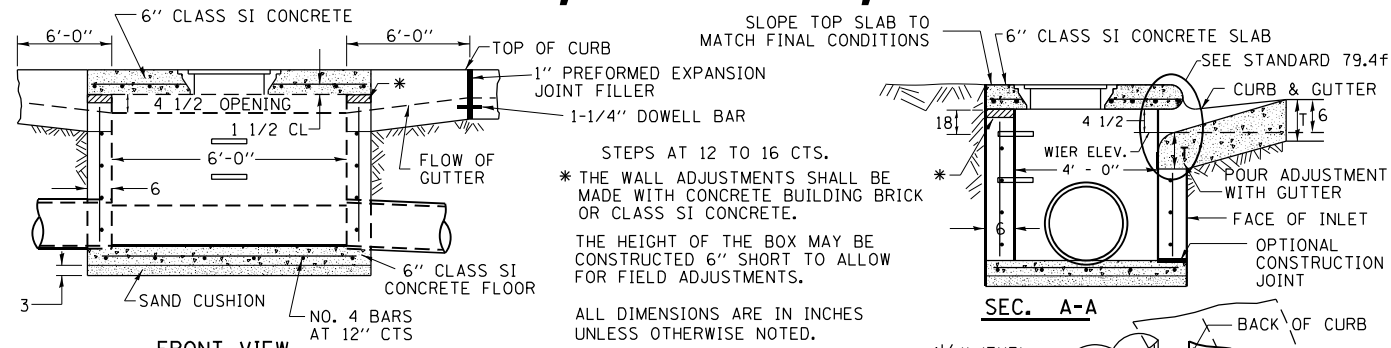
DETAIL OF CONCRETE STEPS 71.4

REVISED - 8-27-13
REVISED - 10-03-11

REVISION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		303	(40,41) R	WINNEBAGO	339	237
REVISED -				CONTRACT NO. 64H08		
REVISED -	SCALE: N/A	SHEET NO. 1 OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

PLOT DATE = 8/12/2020

INLETS, SPECIAL, NO. 3



STEPS AT 12 TO 16 CTS.
 * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
 THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

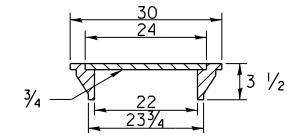
NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.
 EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
 THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
 THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
 THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
 ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

FRONT VIEW

SEE STANDARD 602701 FOR DETAILS OF STEPS.
 1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
 CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
 THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
 REINFORCEMENT FOR INLETS, SPECIAL, NO. 3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

LIGHT WEIGHT MANHOLE CASTING

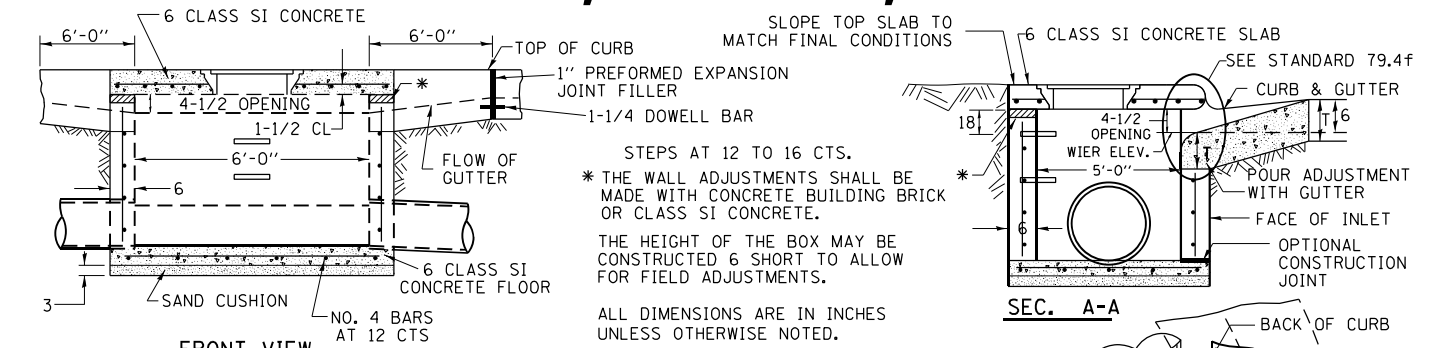


TOTAL WEIGHT 160 LBS.

REVISED - 1-05-16
 REVISED - 8-27-13
 REVISED - 10-03-11

INLETS, SPECIAL, NO. 3 79.4

INLETS, SPECIAL, NO. 7



STEPS AT 12 TO 16 CTS.
 * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
 THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

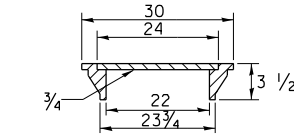
NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.
 EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 7 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
 THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 7 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
 THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
 THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
 ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

FRONT VIEW

SEE STANDARD 602701 FOR DETAILS OF STEPS.
 1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
 CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
 THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
 REINFORCEMENT FOR INLETS, SPECIAL, NO. 7 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4h

LIGHT WEIGHT MANHOLE CASTING

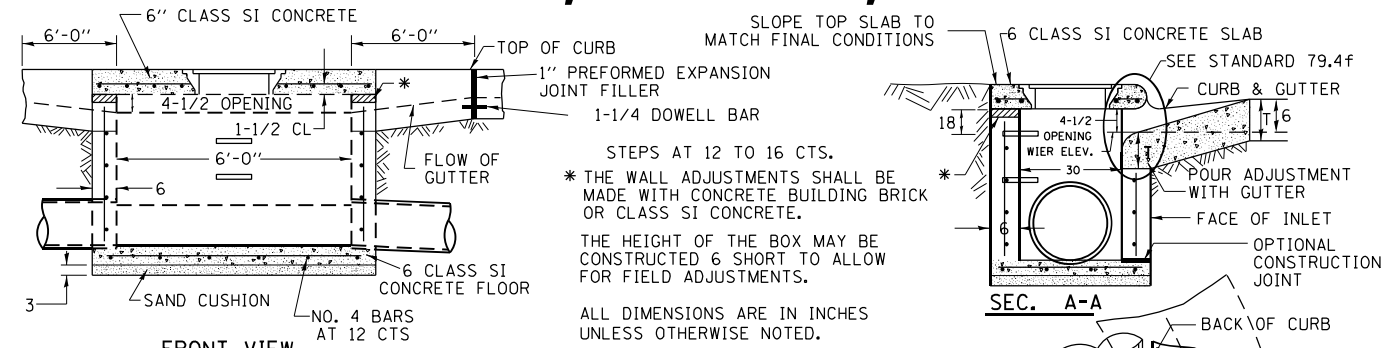


TOTAL WEIGHT 160 LBS.

REVISED - 1-05-16
 REVISED - 8-27-12
 REVISED - 10-05-11

INLETS, SPECIAL, NO. 7 79.4d

INLETS, SPECIAL, NO. 5



STEPS AT 12 TO 16 CTS.
 * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
 THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

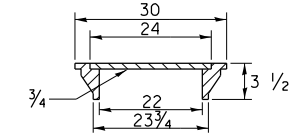
NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.
 EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
 THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
 THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
 THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
 ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

FRONT VIEW

SEE STANDARD 602701 FOR DETAILS OF STEPS.
 1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
 CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
 THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
 REINFORCEMENT FOR INLETS, SPECIAL, NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

LIGHT WEIGHT MANHOLE CASTING

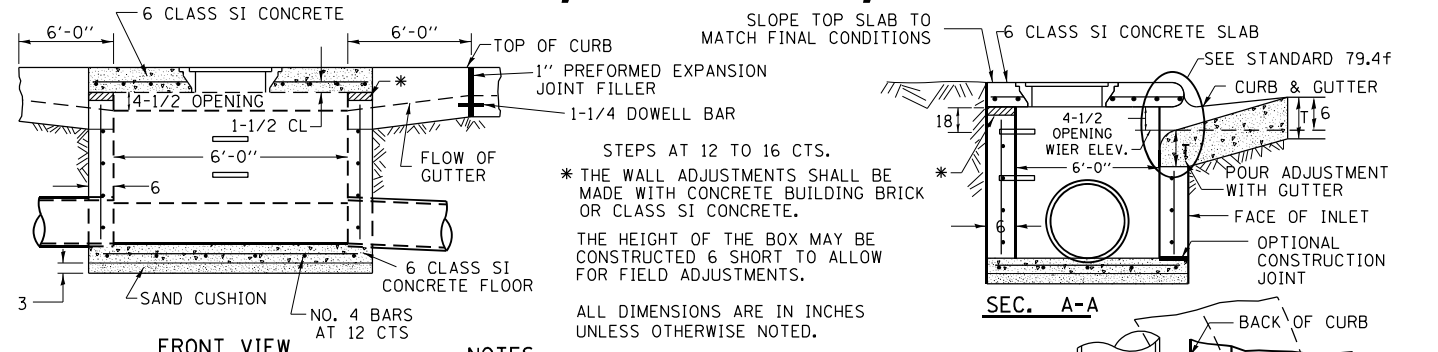


TOTAL WEIGHT 160 LBS.

REVISED - 1-05-16
 REVISED - 8-27-13
 REVISED - 10-04-11

INLETS, SPECIAL, NO. 5 79.4b

INLETS, SPECIAL, NO. 8



STEPS AT 12 TO 16 CTS.
 * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
 THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

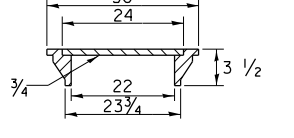
NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.
 EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 8 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
 THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 8 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
 THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
 THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
 ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

FRONT VIEW

SEE STANDARD 602701 FOR DETAILS OF STEPS.
 1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
 CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
 THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
 REINFORCEMENT FOR INLETS, SPECIAL, NO. 8 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4h

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.

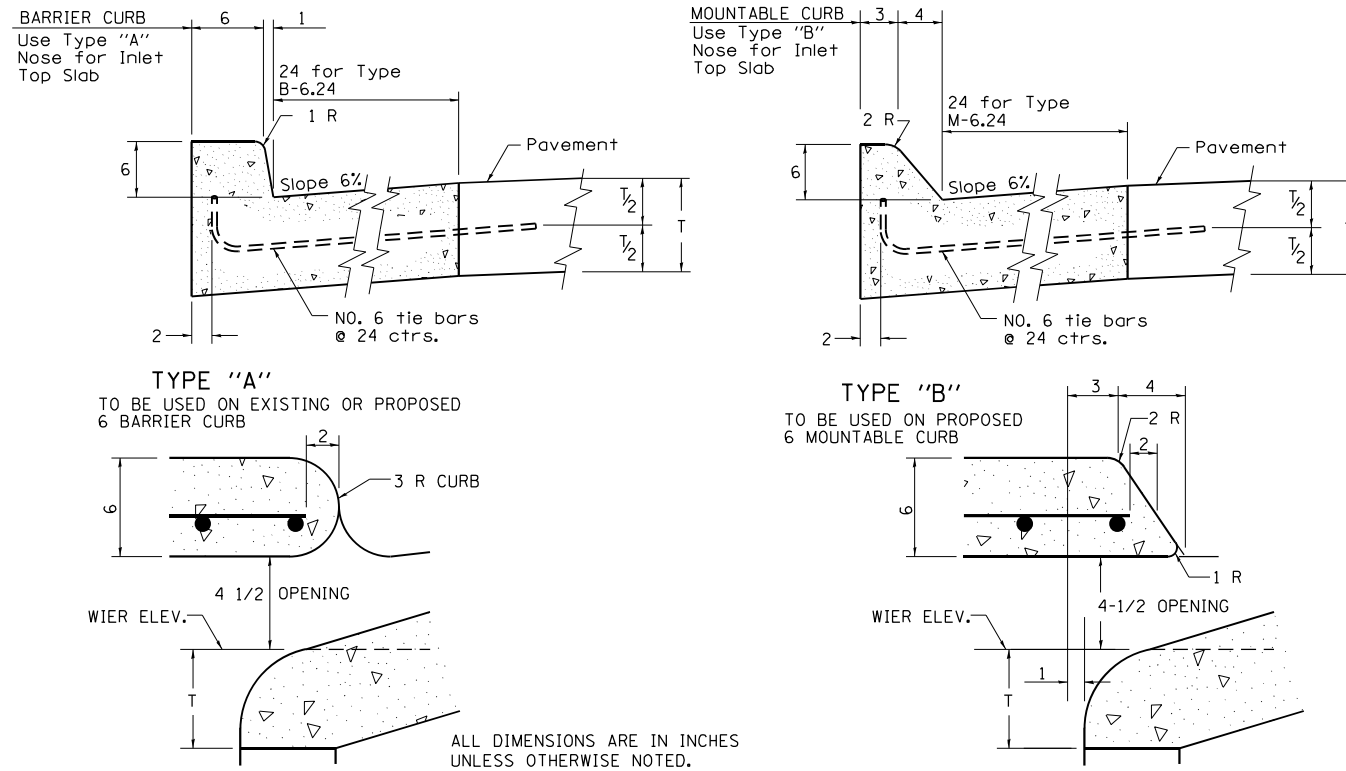
REVISED - 1-05-16
 REVISED - 8-27-13
 REVISED - 10-05-11

INLETS, SPECIAL, NO. 8 79.4e

PLOT DATE = 8/12/2020

REVISED -	REGION 2 / DISTRICT 2 STANDARD			F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	SCALE: N/A	SHEET NO. 2 OF 14 SHEETS	STA. TO STA.	303	(40,41) R	WINNEBAGO	339	238
REVISED -				CONTRACT NO. 64H08				
REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

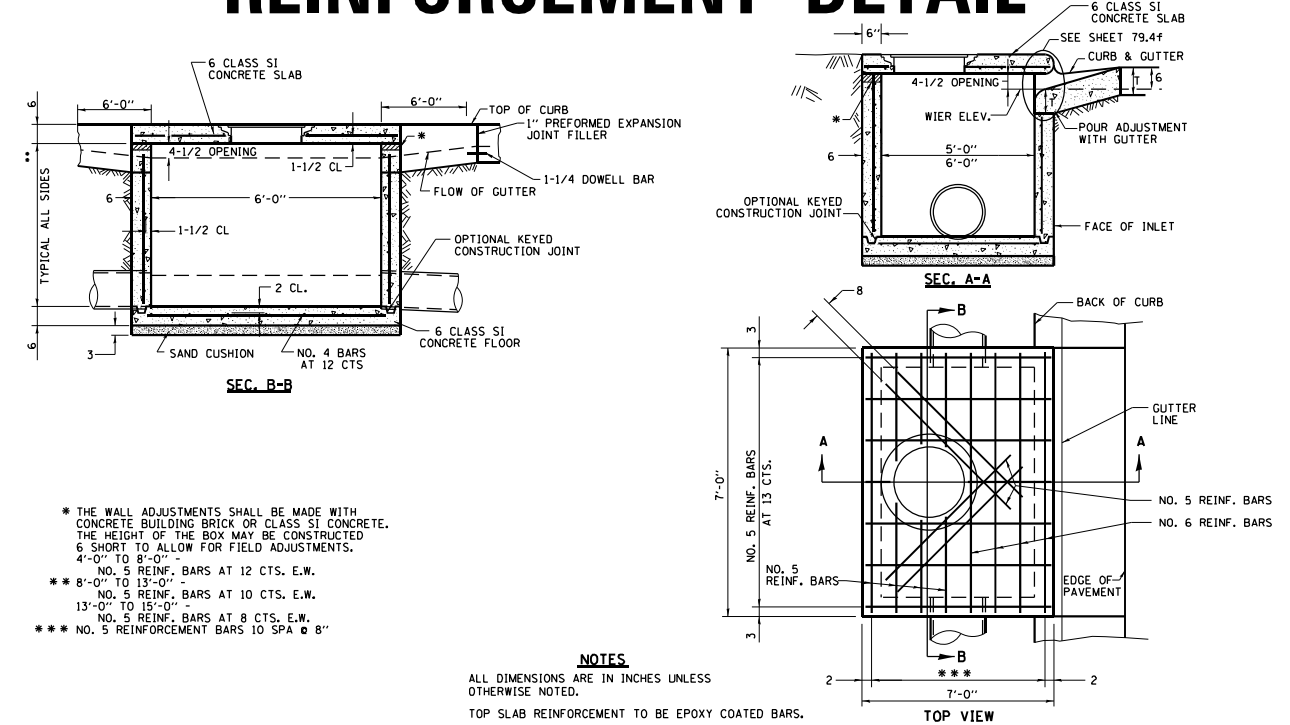
NOSE TYPE FOR INLET TOP SLAB



REVISED - 4-14-15
REVISED - 10-05-11

NOSE TYPE FOR INLET TOP SLAB 79.4f

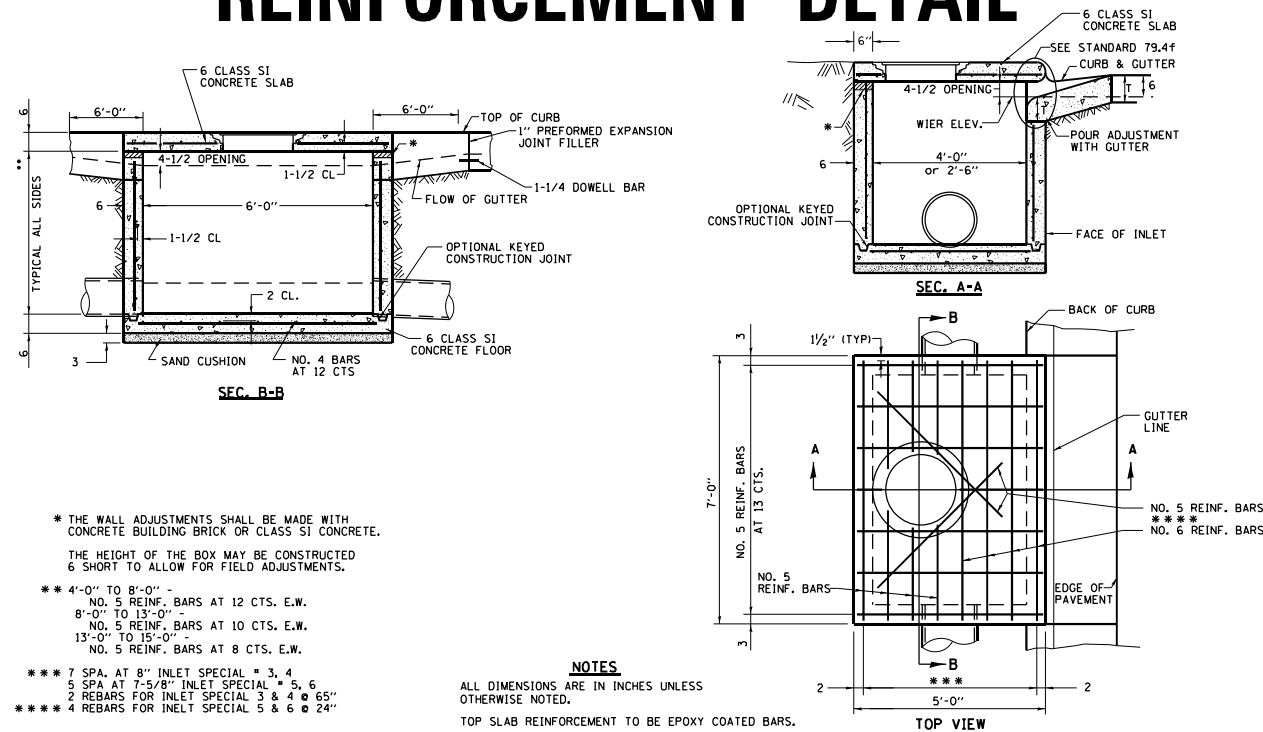
INLETS, SPECIAL, NO. 7 & 8 REINFORCEMENT DETAIL



REVISED - 8-27-13
REVISED - 10-05-11

INLETS, SPECIAL, NO. 7 & 8 REINFORCEMENT DETAIL 79.4h

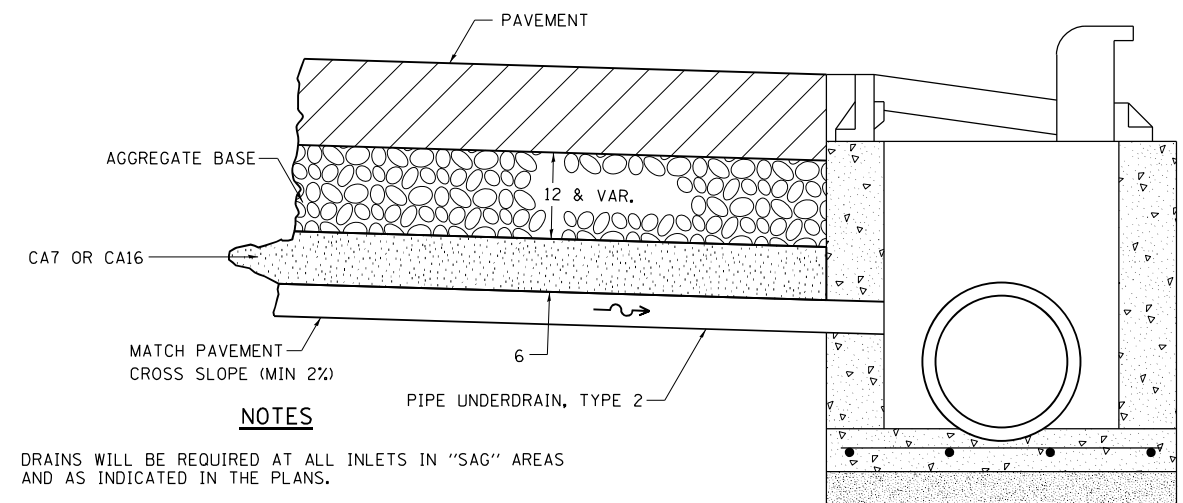
INLETS, SPECIAL, NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



REVISED - 8-27-13
REVISED - 10-05-11

INLETS, SPECIAL, NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4g

DRAIN FOR AGGREGATE BASES IN URBAN AREAS

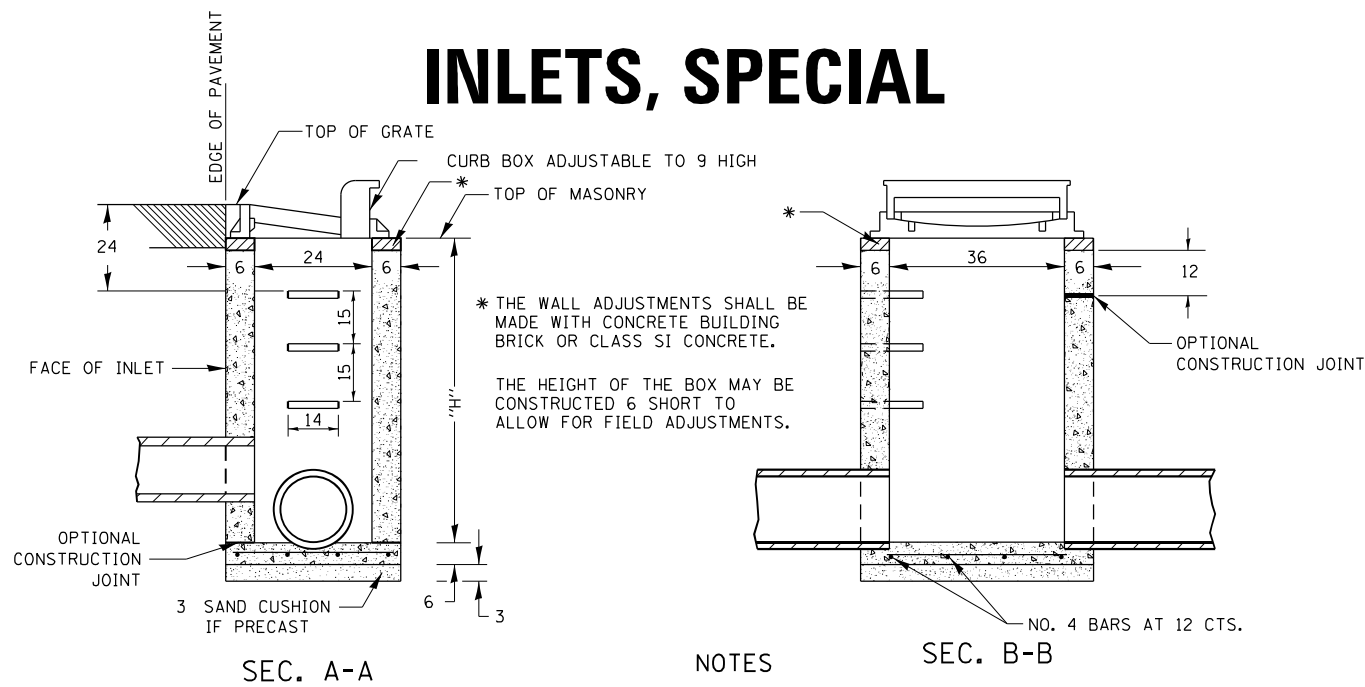


REVISED - 1-05-16
REVISED - 10-05-11

DRAIN FOR AGGREGATE BASES IN URBAN AREAS 88.4

REVISED -	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	SCALE: N/A	SHEET NO. 3 OF 14 SHEETS	303	(40,41) R	WINNEBAGO	339	239
REVISED -	STA.	TO STA.	CONTRACT NO. 64H08		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

INLETS, SPECIAL

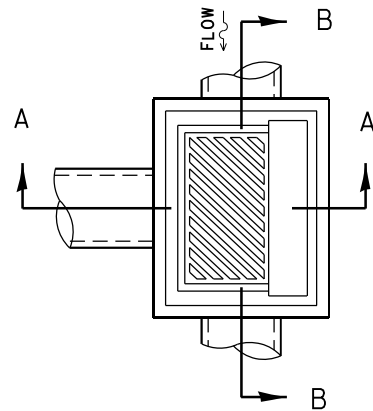


SEC. A-A

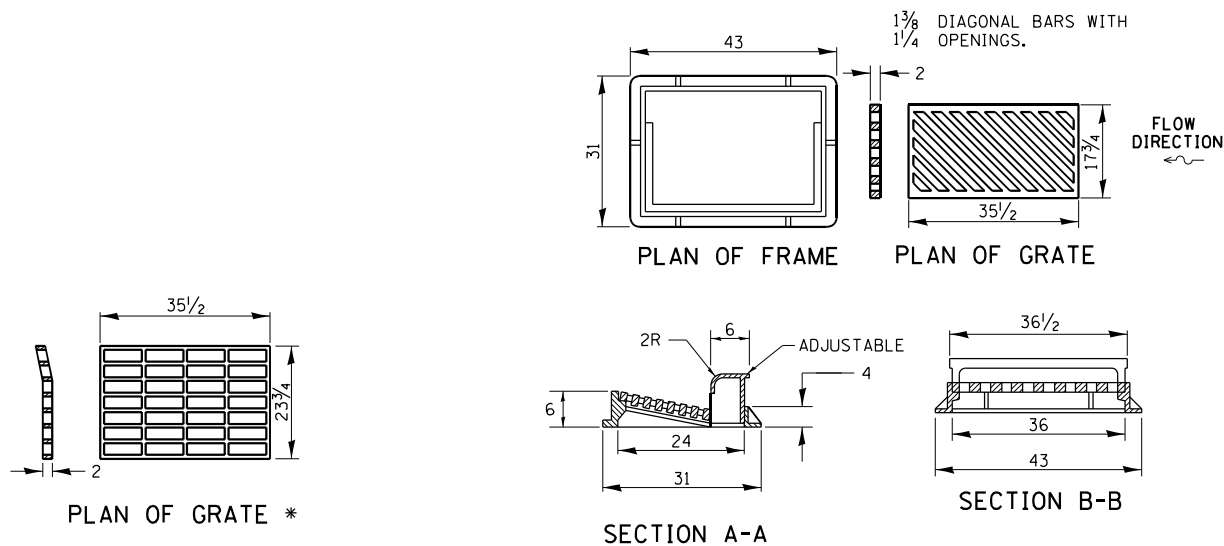
SEC. B-B

NOTES

- SEE STANDARD 602701 FOR DETAILS OF STEPS.
- EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.
- ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.
- WEIGHT OF CAST IRON FRAME & GRATE = 530 lbs. ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.
- CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.
- THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



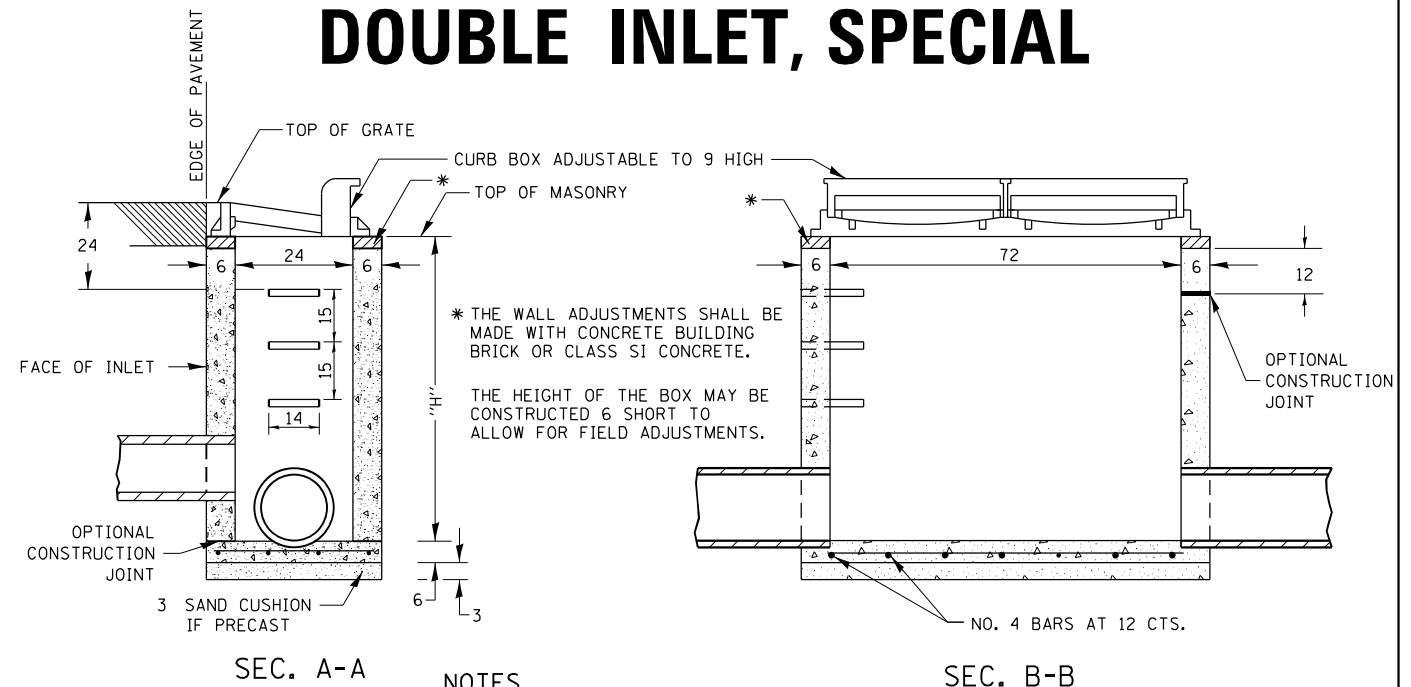
DETAIL OF FRAME & GRATE



* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

DOUBLE INLET, SPECIAL



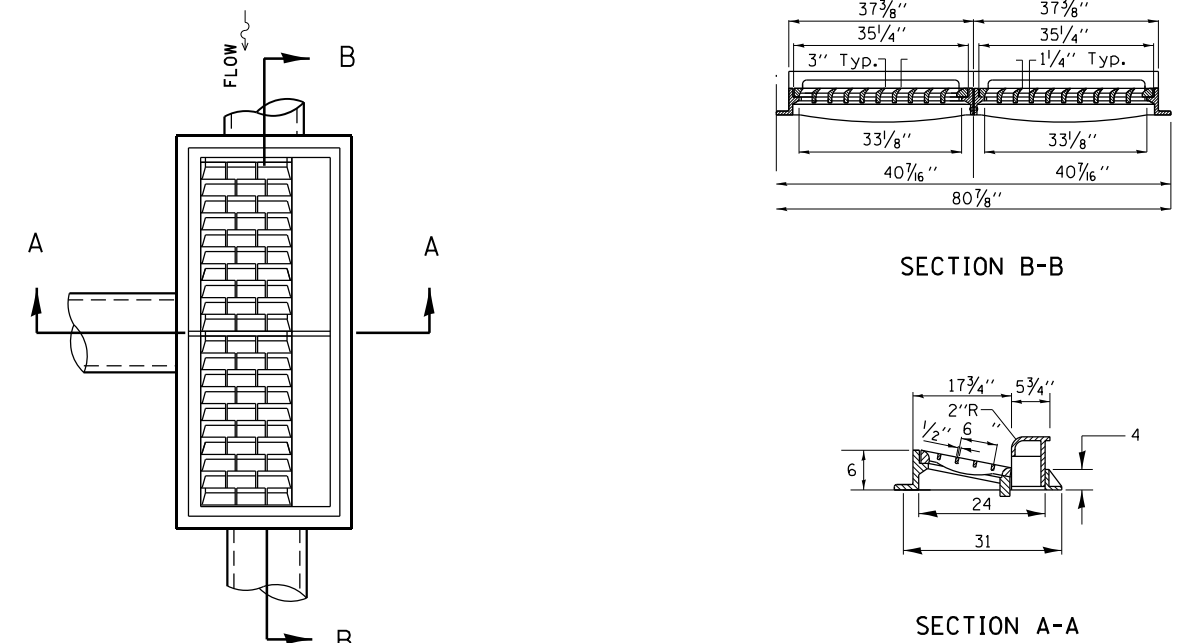
SEC. A-A

SEC. B-B

NOTES

- SEE STANDARD 602701 FOR DETAILS OF STEPS.
- EXCEPT AS NOTED HEREON DOUBLE INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.
- ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR. R-3295-2 DOUBLE UNIT OR EQUIVALENT.
- STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FOOT.
- CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.
- CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

DETAIL OF FRAME & GRATE



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-05-16
REVISED - 6-27-14
REVISED - 10-13-11

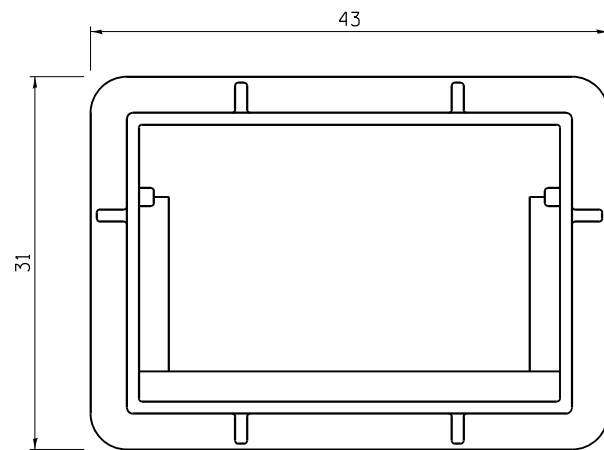
REVISED - 1-05-16
REVISED - 7-16-15
REVISED - 10-13-11
REVISED -

REGION 2 / DISTRICT 2 STANDARD

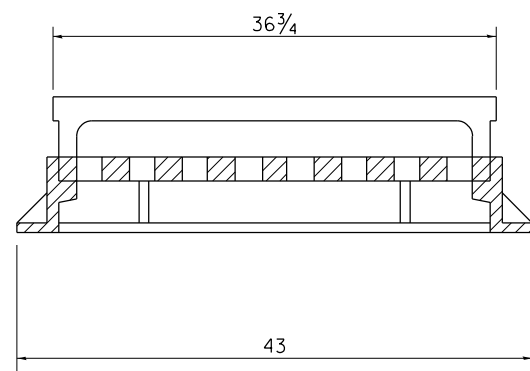
SCALE: N/A SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	240
CONTRACT NO. 64H08				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

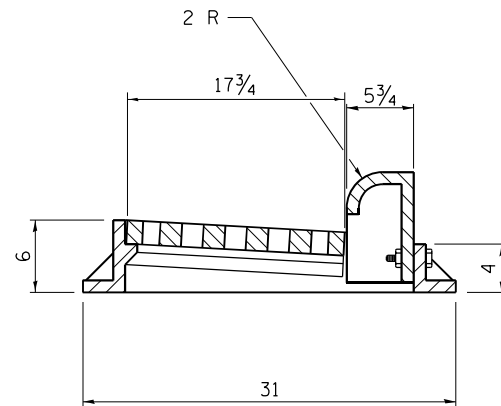
FRAME AND GRATE FOR INLETS, SPECIAL



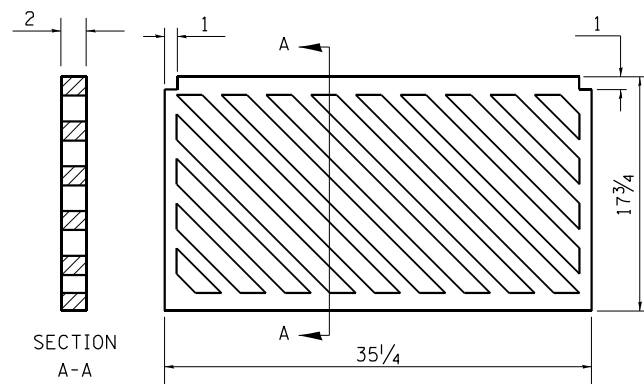
PLAN OF FRAME
WITHOUT GRATE AND CURB BOX



LONGITUDINAL SECTION



TRANSVERSE SECTION



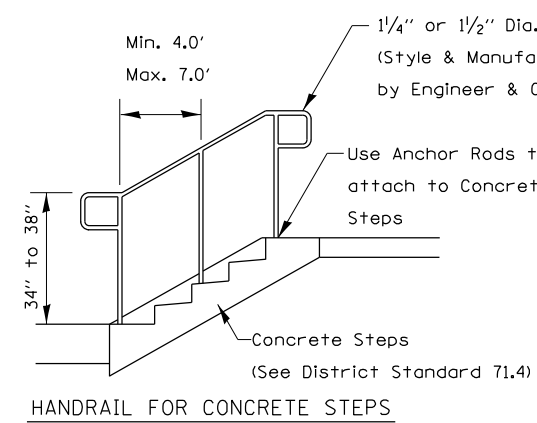
PLAN OF GRATE

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

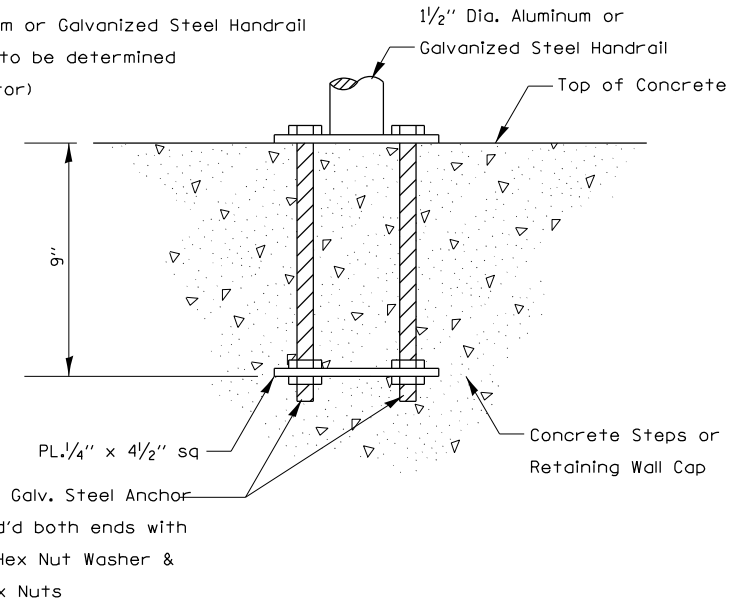
REVISED - 6-27-14
10-13-11

R 3067 OR EQUIVALENT
APPROXIMATE WEIGHT - 510 LBS.

PIPE HANDRAILS FOR STEPS

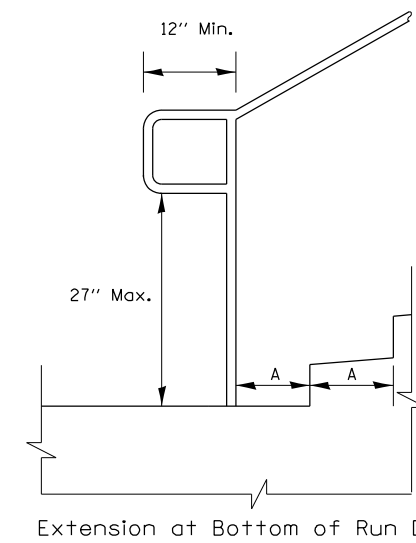


HANDRAIL FOR CONCRETE STEPS

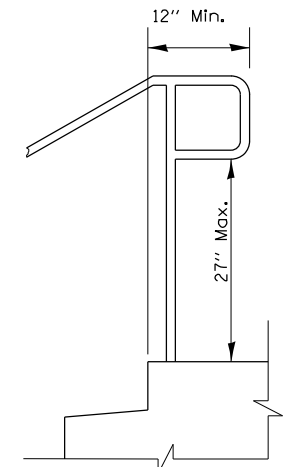


ANCHOR ROD DETAIL

(Included in the cost of Hand or Safety Rail)



Extension at Bottom of Run Detail



Extension at Top of Run Detail

Notes:

Stairways shall have continuous handrails both sides of all stairs.

The inside handrail on switchback or dogleg stairs shall always be continuous.

Gripping surfaces shall be uninterrupted by newel posts, other construction elements, or obstructions.

Ends of handrail shall be either rounded or returned smoothly to floor, wall, or post.

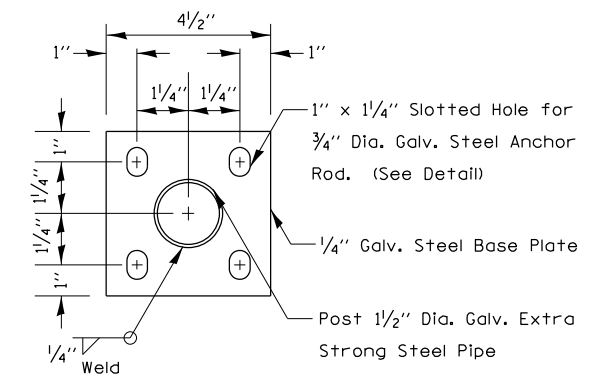
Hand & safety rails shall not rotate within their fittings.

The clear space between handrails and any wall shall be 1/2"

Handrail shall conform to Section 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.30, or 1006.34.

The diameter of the gripping surface of the handrail shall be 1-1/4" to 1-1/2"

This work shall be paid for at the contract unit price per FOOT for PIPE HANDRAIL.



POST BASE PLATE DETAIL

(Included in the cost of Hand or Safety Rail)

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-14-11		303	(40,41) R	WINNEBAGO	339	241
REVISED -		CONTRACT NO. 64H08				
REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

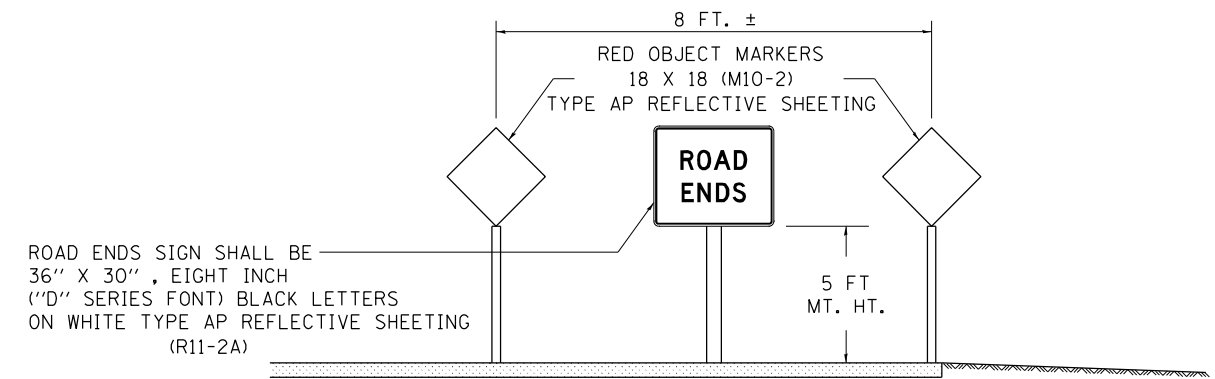
PLOT DATE = 8/12/2020

TERMINATION OF DEAD END ROADS

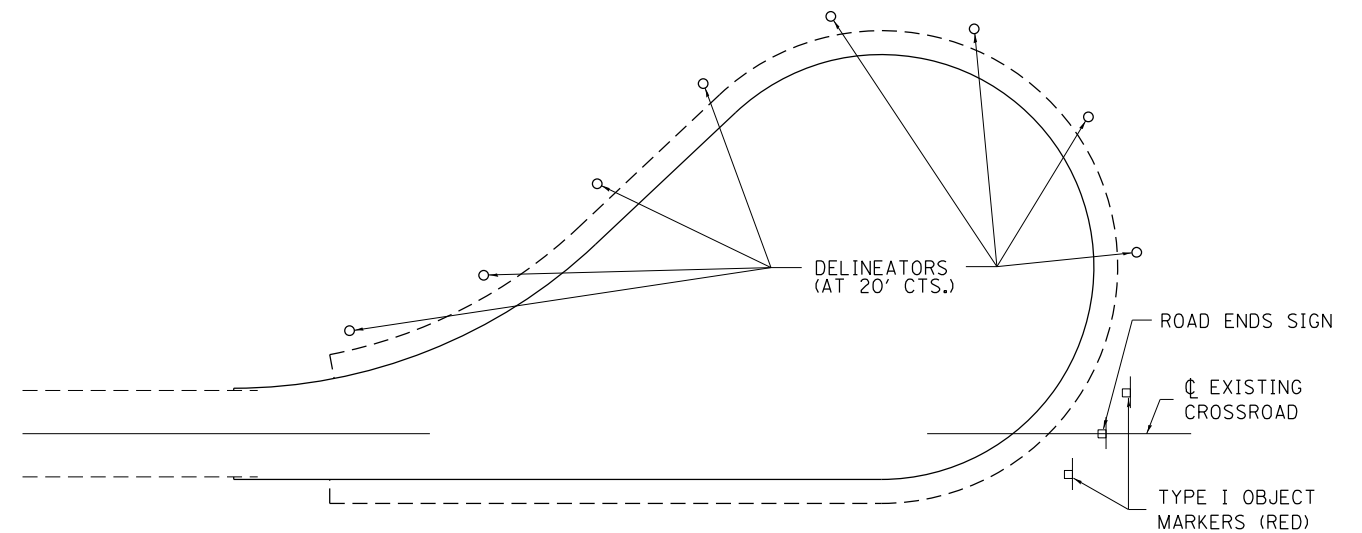
NOTES: A "NO OUTLET" (36"x36" YELLOW) SIGN SHALL BE ERECTED SLIGHTLY BEYOND THE LAST ROAD INTERSECTING THE ROAD WITH NO OUTLET. IF THIS INTERSECTION IS MORE THAN 1500 FT FROM TERMINATION POINT, OR IF SIGHT DISTANCE TO THE CLOSURE IS LESS THAN 500 FT, A ROAD ENDS 500 FT (WB-16) SIGN SHALL BE ERECTED 500 FT IN ADVANCE OF THE TERMINATION OF THE ROAD. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TERMINATION OF DEAD END ROADS" WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL THE SIGNS AND DELINEATORS.

USE 4X6 WOOD POSTS INSTALLED IN ACCORDANCE WITH SECTION 730 OF STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. USE APPLICABLE PARTS OF STANDARD 720001 FOR SIGN MOUNTING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



TERMINATION SIGNING

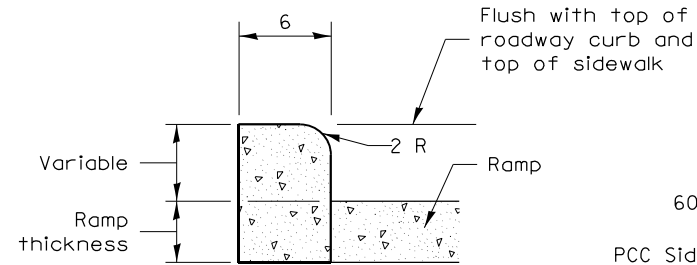


TRAFFIC CONTROL
TYPICAL CUL-DE-SAC

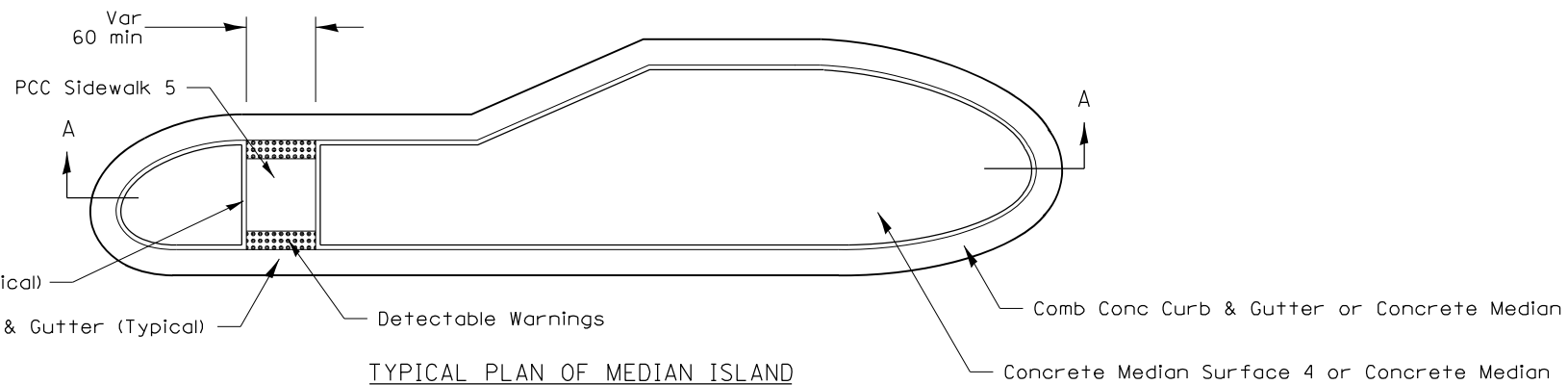
REVISED - 11-12-14	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED - 10-14-11				303	(40,41) R	WINNEBAGO	339	242	
REVISED -				CONTRACT NO. 64H08					
REVISED -				SCALE: N/A	SHEET NO. 6 OF 14 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

PLOT DATE = 8/12/2020

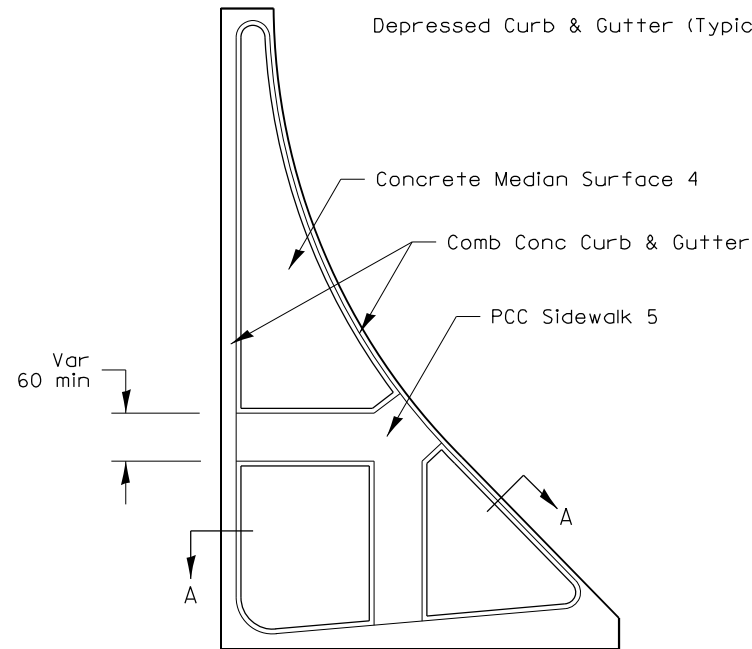
PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED



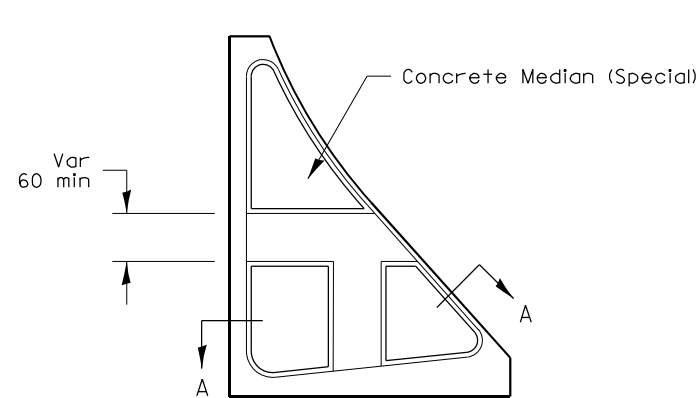
SIDE CURB DETAIL



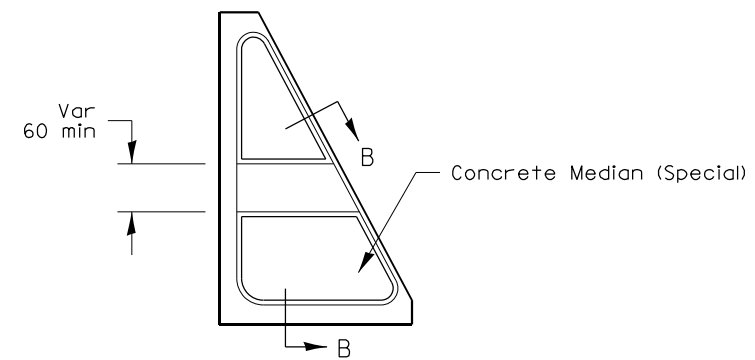
TYPICAL PLAN OF MEDIAN ISLAND



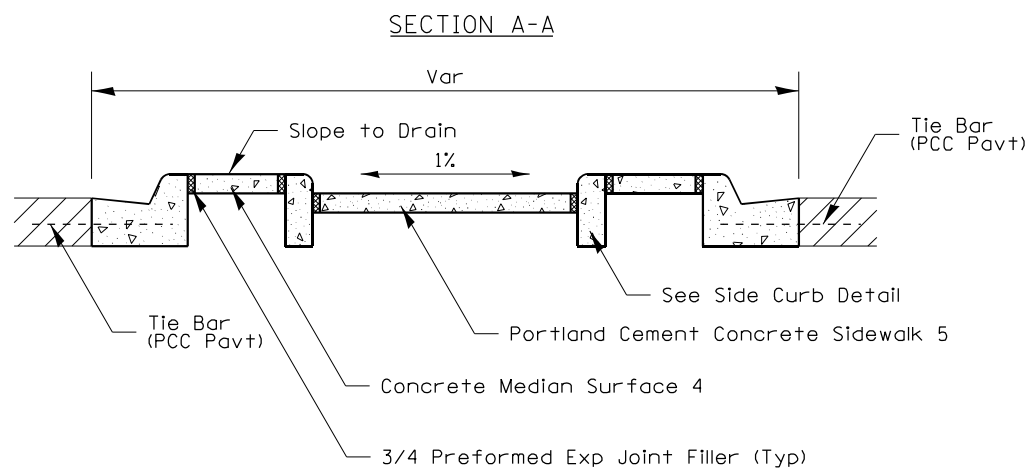
LARGE ISLAND
(Free Flow Design)



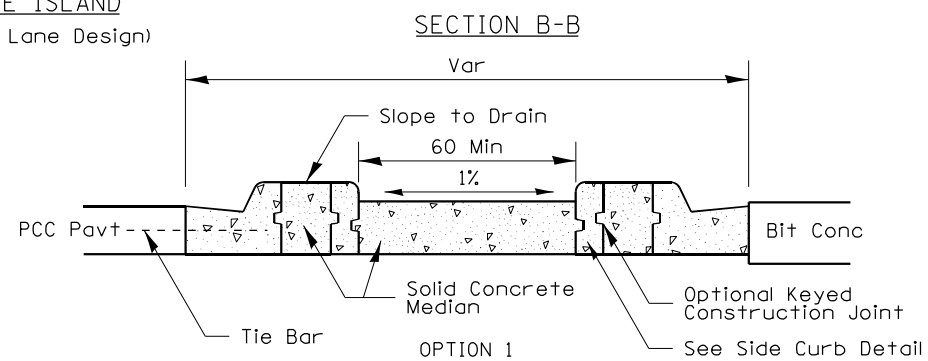
INTERMEDIATE ISLAND
(For Right Turn Lane Design)



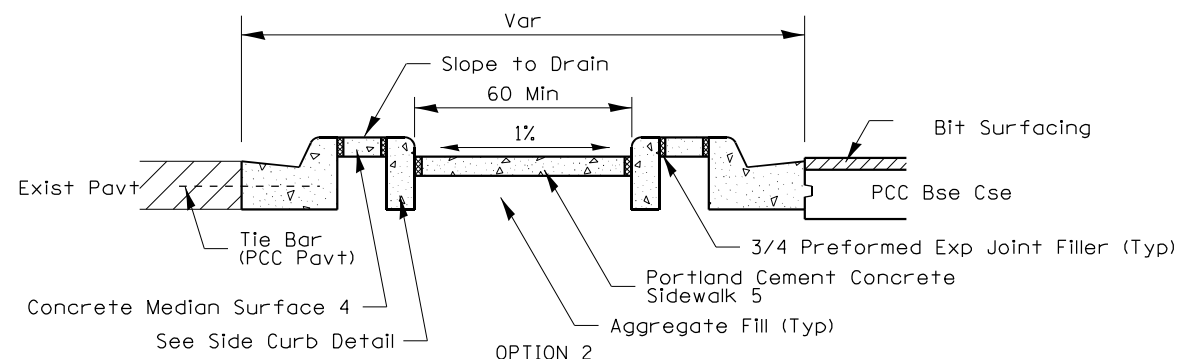
SMALL ISLAND
(For Typical Design)



SECTION A-A



SECTION B-B



OPTION 2

General Notes:

See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

See Standard 424031 for sidewalk details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at 1%.

See the plan general notes for the type of curb & gutter to be used on islands.

The sidewalk should not be closer than 36 from the corner of the island.

Keyed longitudinal construction joints shall be constructed without tie bars.

Medians and large islands shall consist of PCC Sidewalk 5, Concrete Median Surface 4, and Combination Concrete Curb & Gutter, Type M or B of the size specified. Median island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

Small islands will be measured for payment from E.O.P. to E.O.P. using either option 1 or option 2, as specified in the plans, and will be paid for at the contract unit price per SQ FT for CONCRETE MEDIAN (SPECIAL) which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

Omit detectable warnings when distance between back of curbs is less than 6'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME = D264H08-sht-D2detail204.dgn	USER NAME = EtwileE	DESIGNED -	REVISED - 4-16-19
		DRAWN -	REVISED - 1-05-16
		CHECKED -	REVISED - 6-27-14
		DATE -	REVISED - 8-27-13

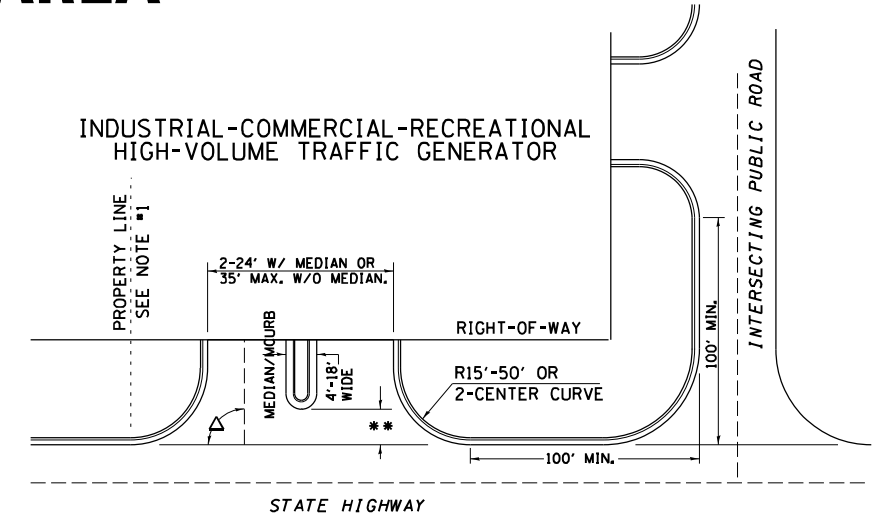
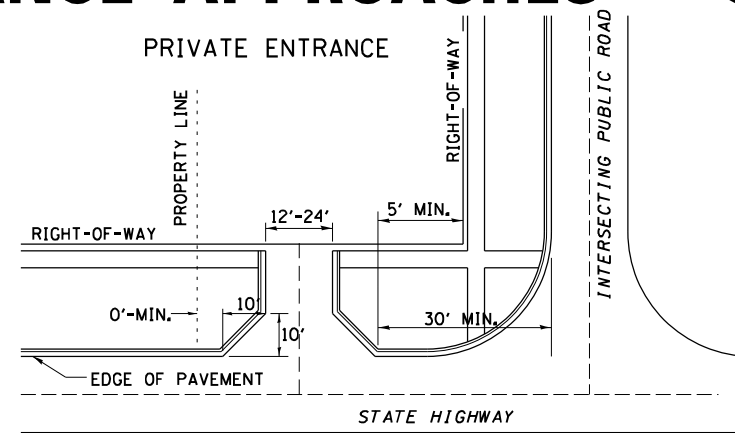
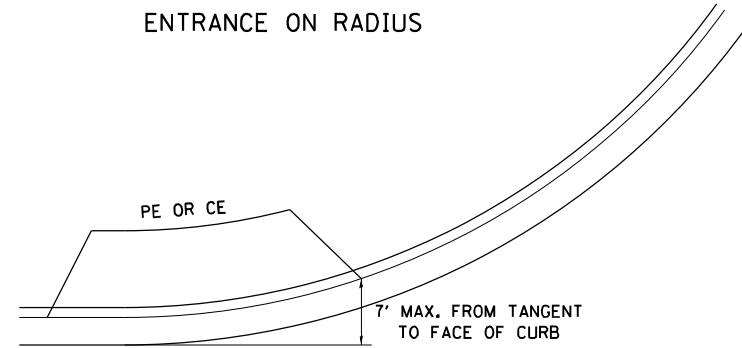
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N/A SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	243
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 64H08	

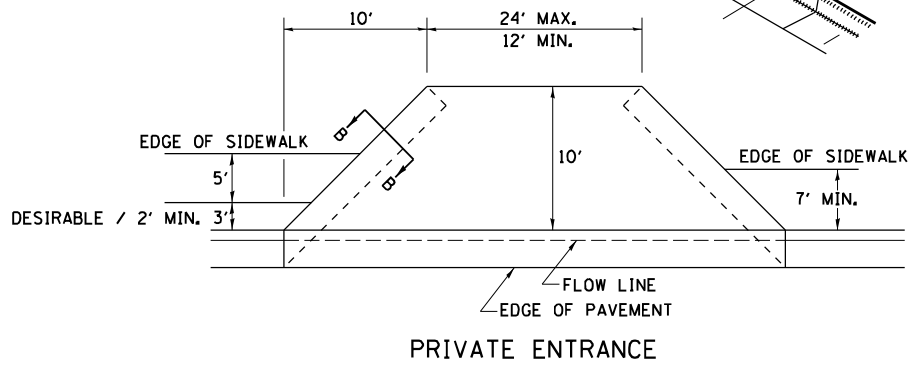
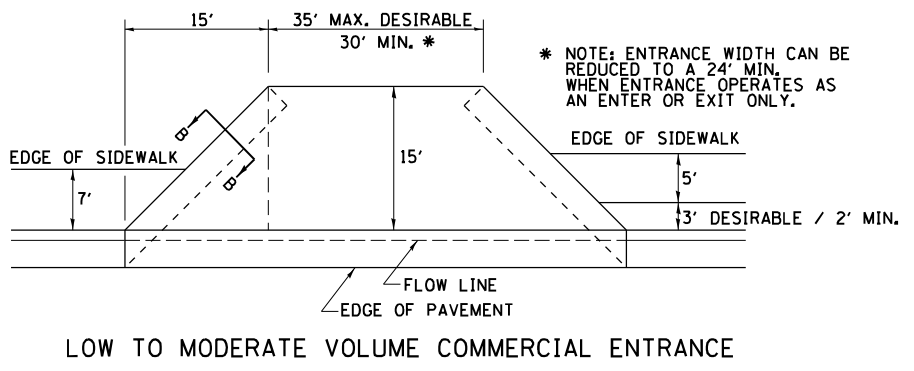
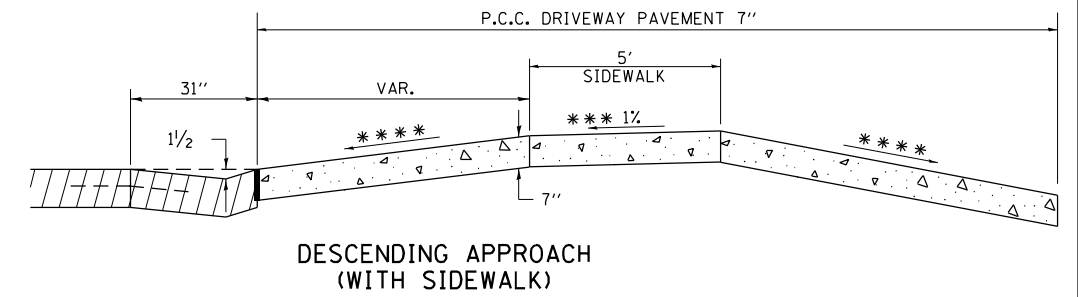
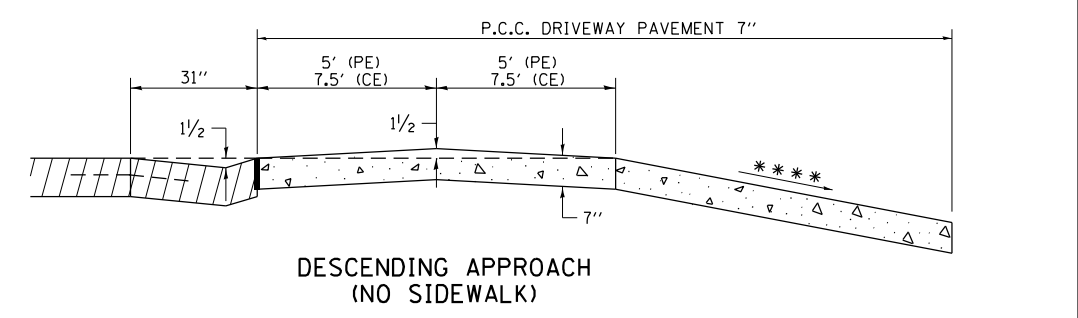
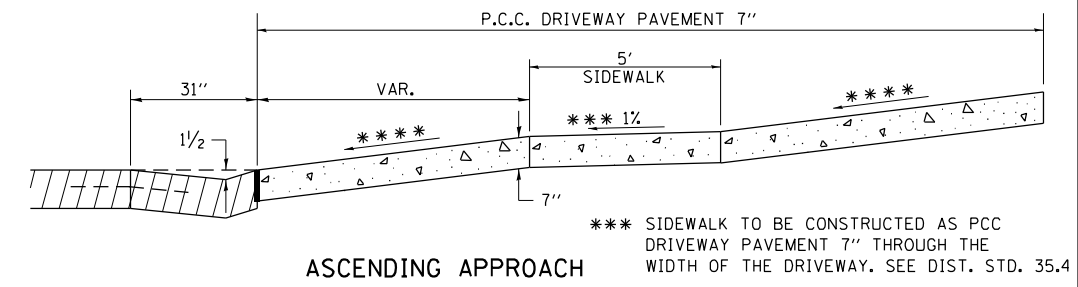
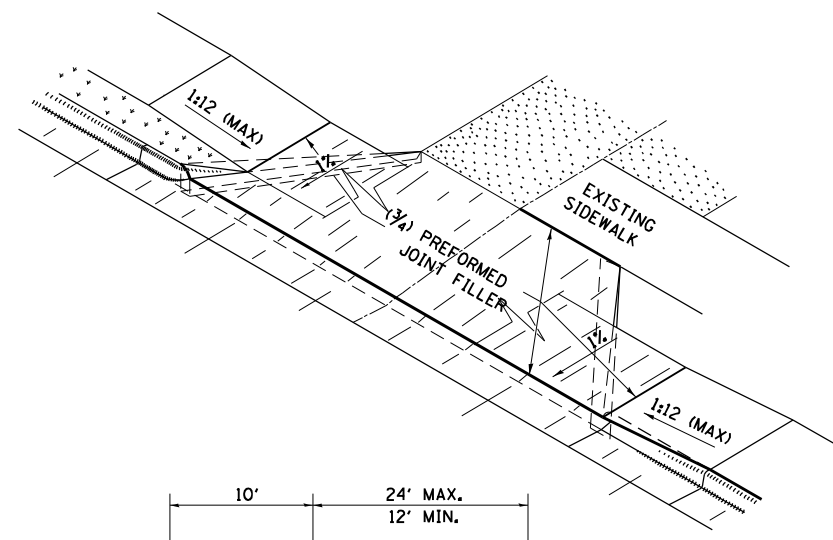
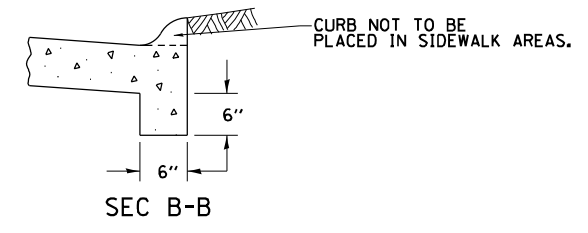
ENTRANCE APPROACHES – URBAN AREA



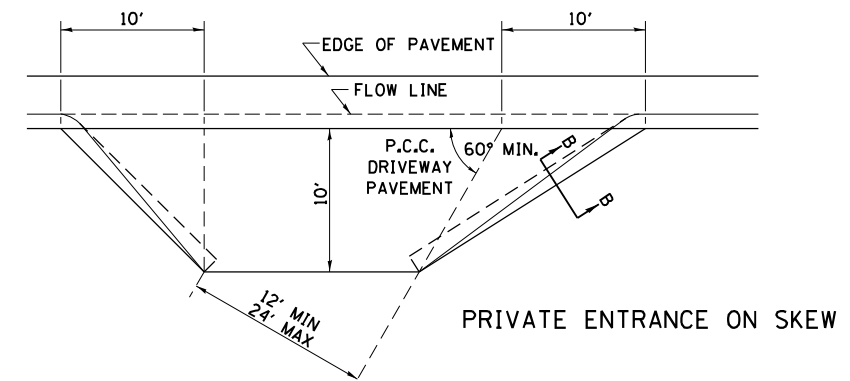
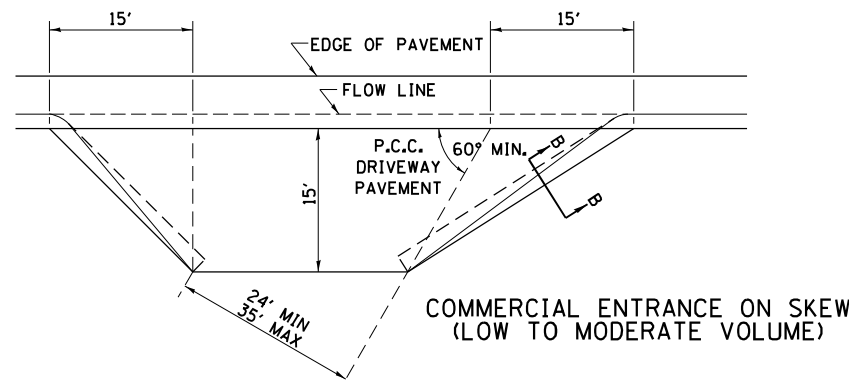
A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ 90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

** 4'-10" IF HIGHWAY CURBED.
 AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.



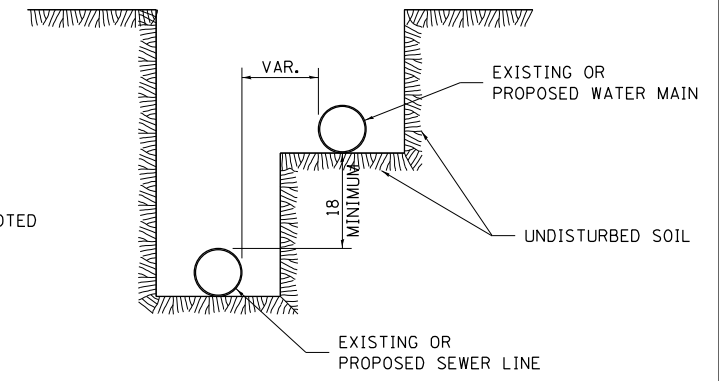
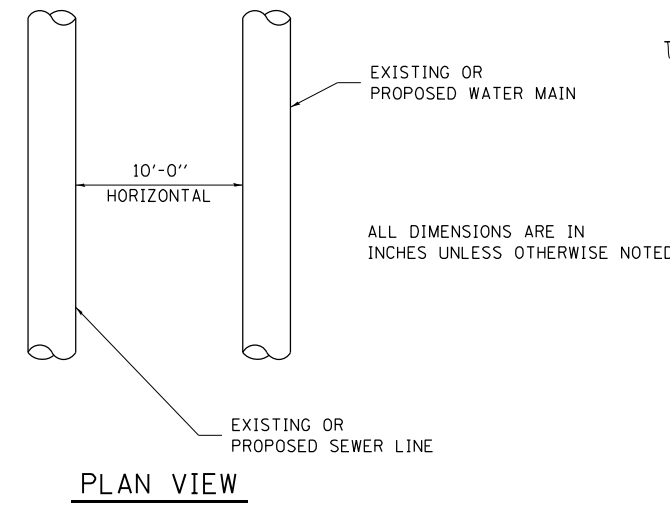
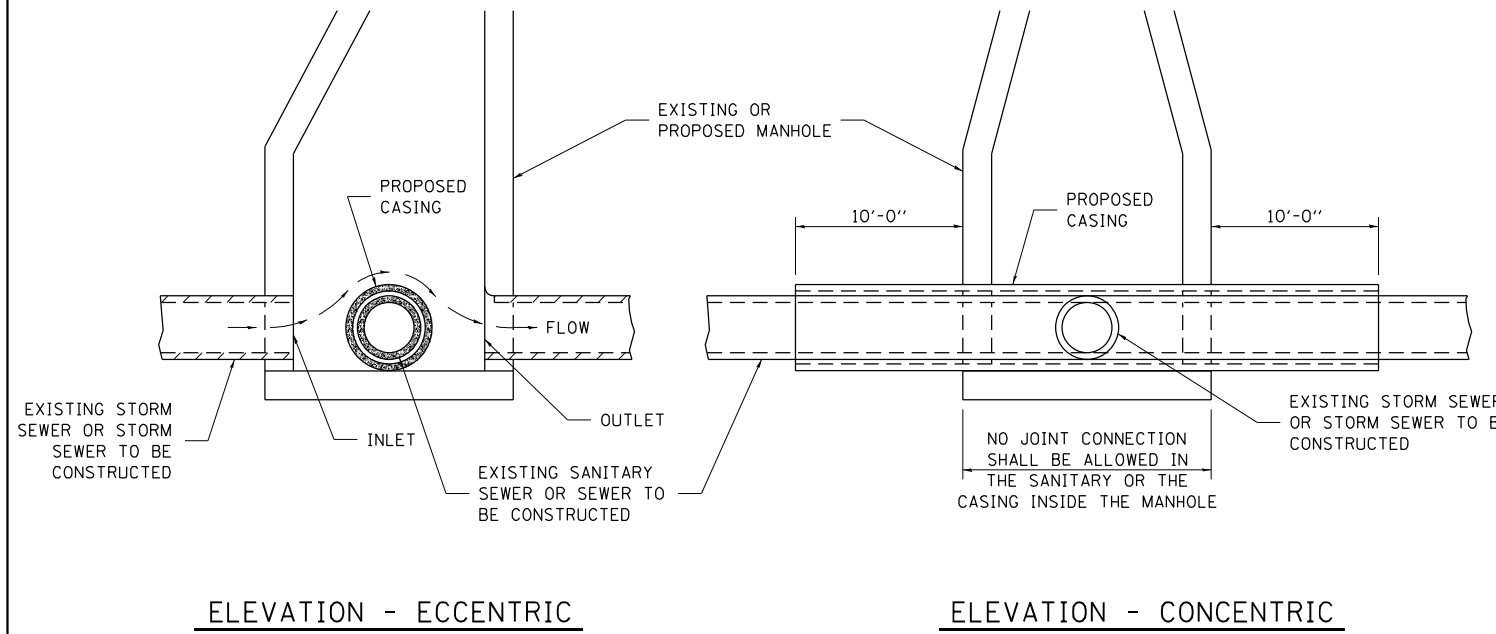
FILE NAME = D264H08-sht-D2detail205.dgn	USER NAME = EtwileE	DESIGNED - 7-19-18	REVISED - 1-03-18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE. 303	SECTION (40,41) R	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 244
PLOT SCALE = 100.0000' / 1in.	CHECKED - 6-27-14	REVISED - 6-27-14	REVISED - 12-07-10		SCALE: N/A	SHEET NO. 8 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 64H08			
PLOT DATE = 8/12/2020	DATE -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
ENTRANCE APPROACHES – URBAN AREA												

SEWER AND WATER MAIN CROSSINGS

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

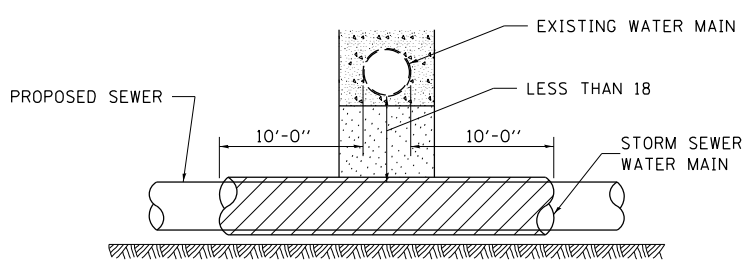


AT GRADE CROSSING OF SANITARY AND STORM SEWER

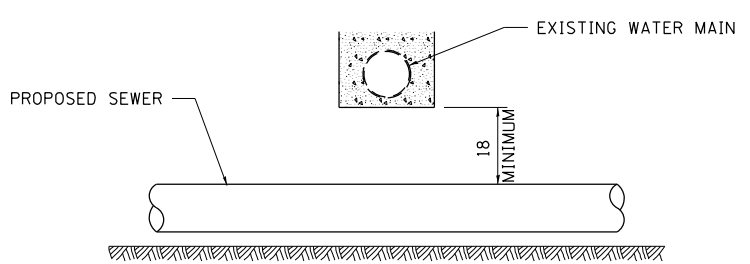
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

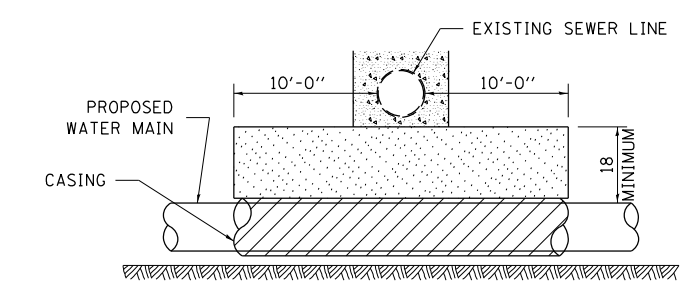


PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



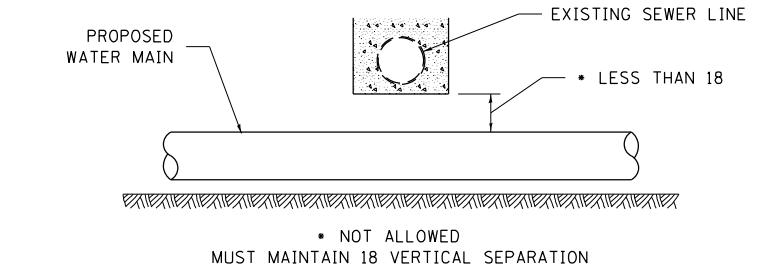
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
 PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



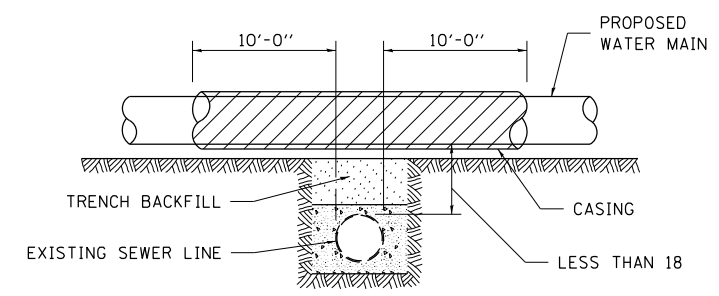
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

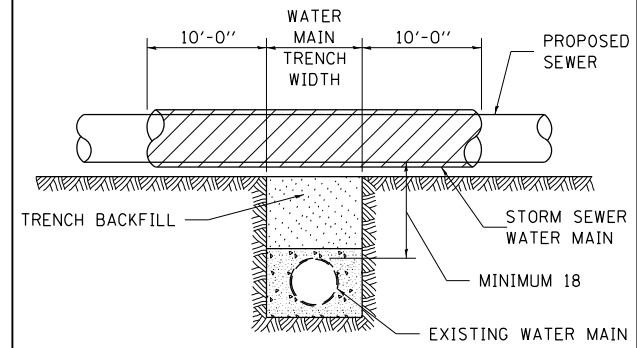


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

FILE NAME = D264H08-shr-D2detail104.dgn	USER NAME = EtwileE	DESIGNED -	REVISED - 10-17-11
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 8/12/2020	DATE -	REVISED -

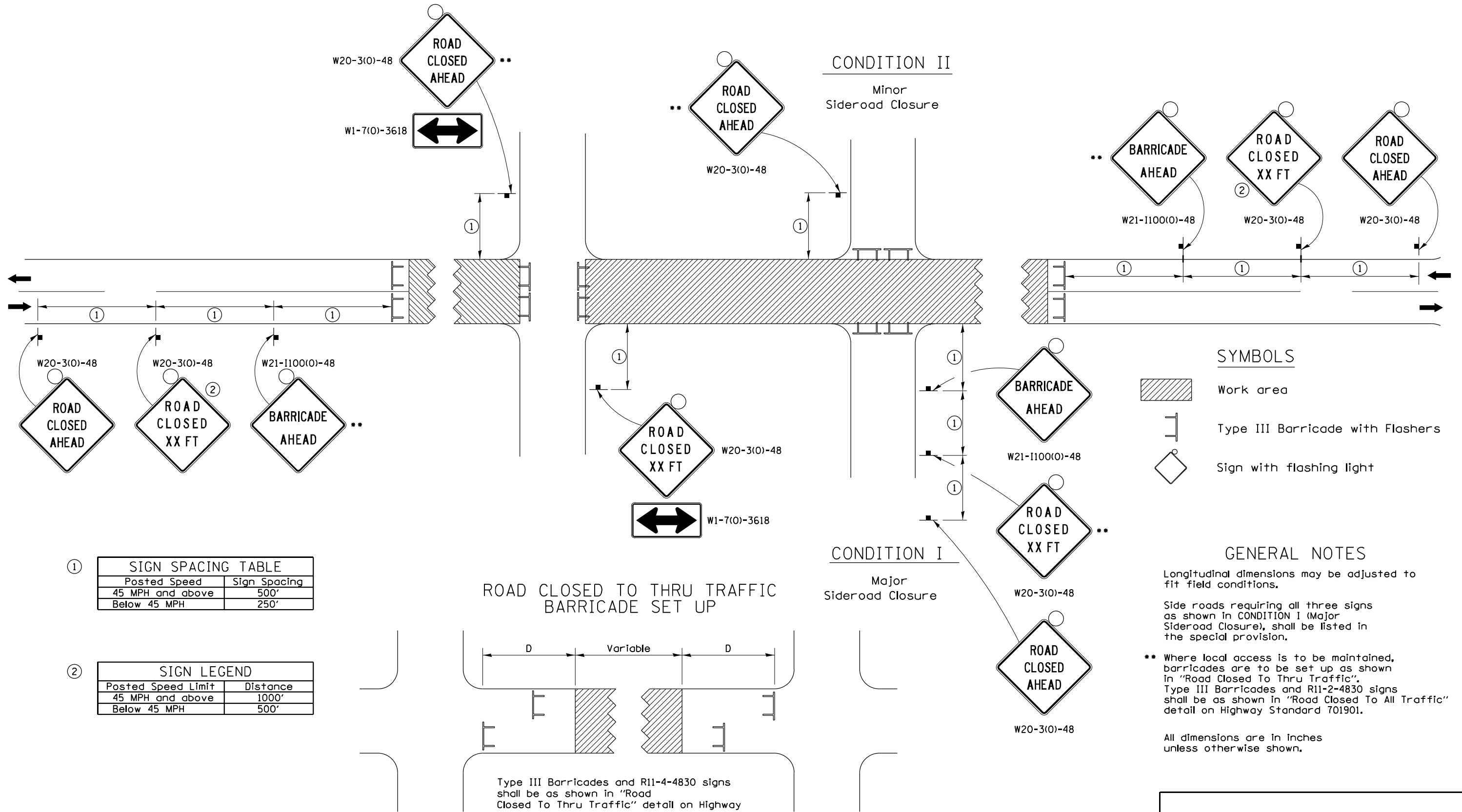
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N/A SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A. RTE. 303	SECTION (40,41) R	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 245
CONTRACT NO. 64H08				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR ROAD CLOSURE



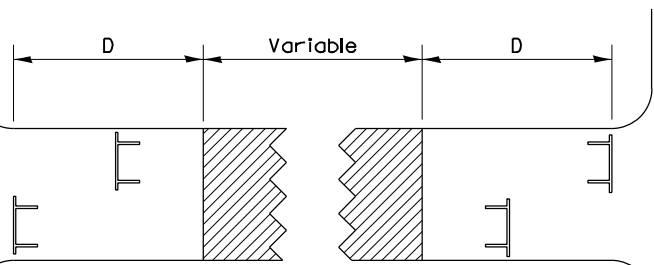
①

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

②




SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

GENERAL NOTES

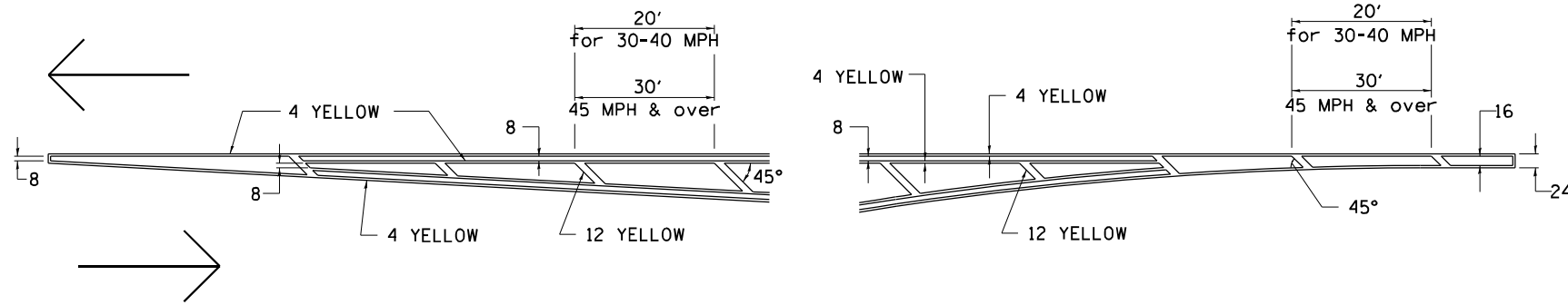
- Longitudinal dimensions may be adjusted to fit field conditions.
- Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.
- ** Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.
- All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

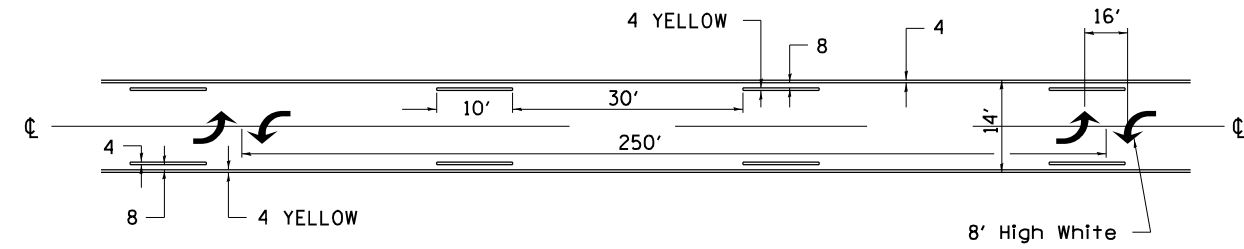
FILE NAME = D264H08-sht-D2detail207.dgn	USER NAME = EtwileE	DESIGNED -	REVISED - 8-03-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE. 303	SECTION (40,41) R	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 246
	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED - 1-05-16		SCALE: N/A	SHEET NO. 10 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 64H08		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/12/2020	CHECKED -	REVISED - 8-27-13									
		DATE -	REVISED - 10-17-11									

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

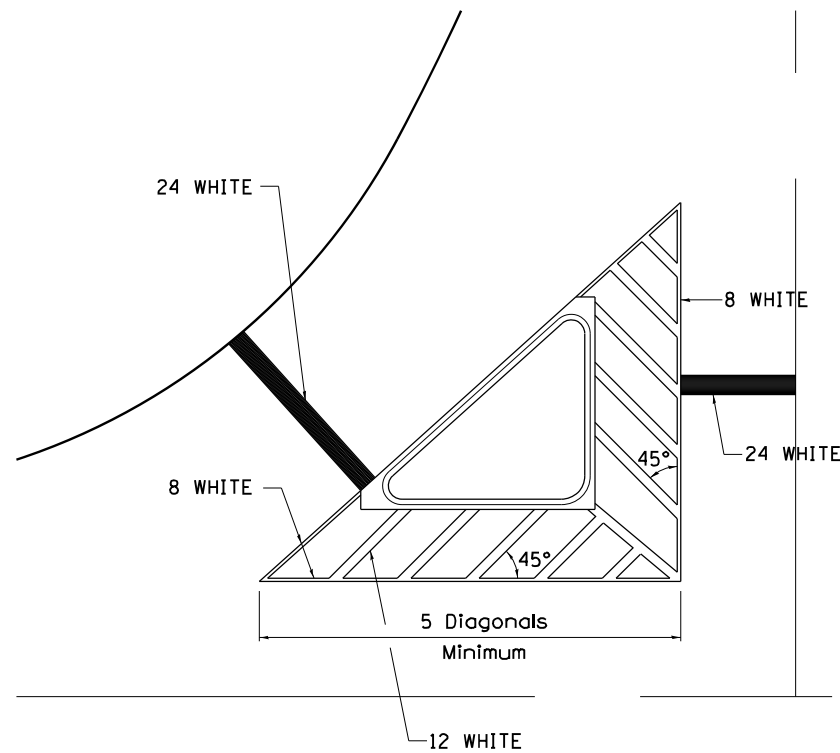


MEDIAN PAVEMENT MARKING



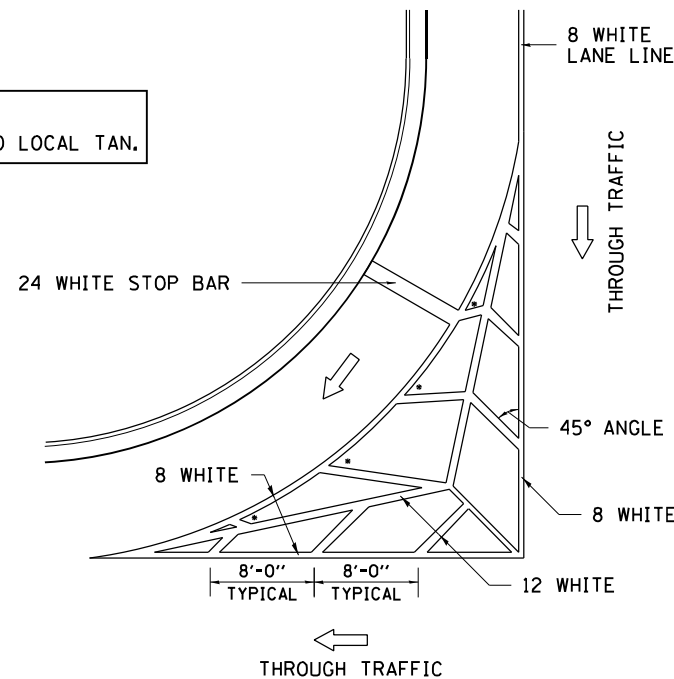
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



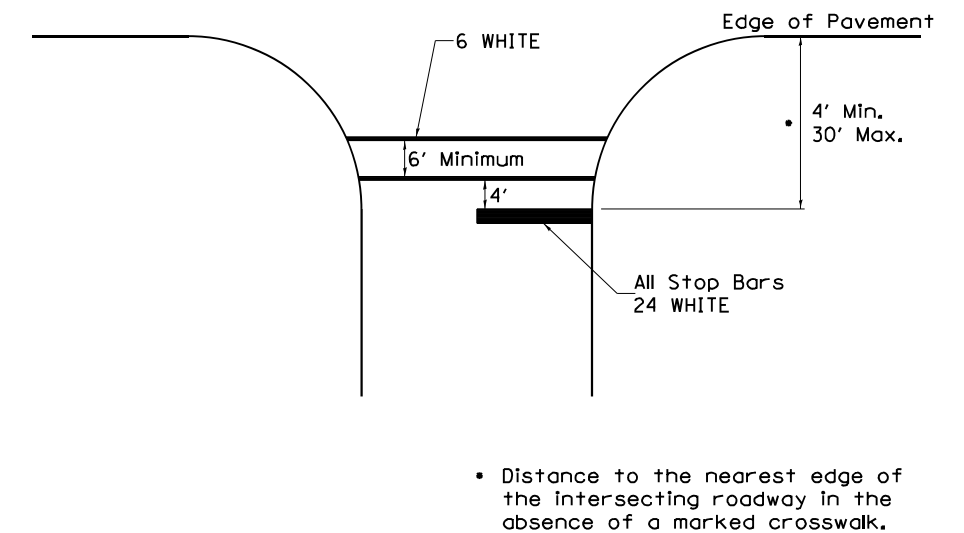
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME = D264H08-sht-D2detail208.dgn	USER NAME = EtwileE	DESIGNED - DRAWN -	REVISED - REVISED -
		6-27-14	3-05-12
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -
	PLOT DATE = 8/12/2020	DATE -	REVISED -

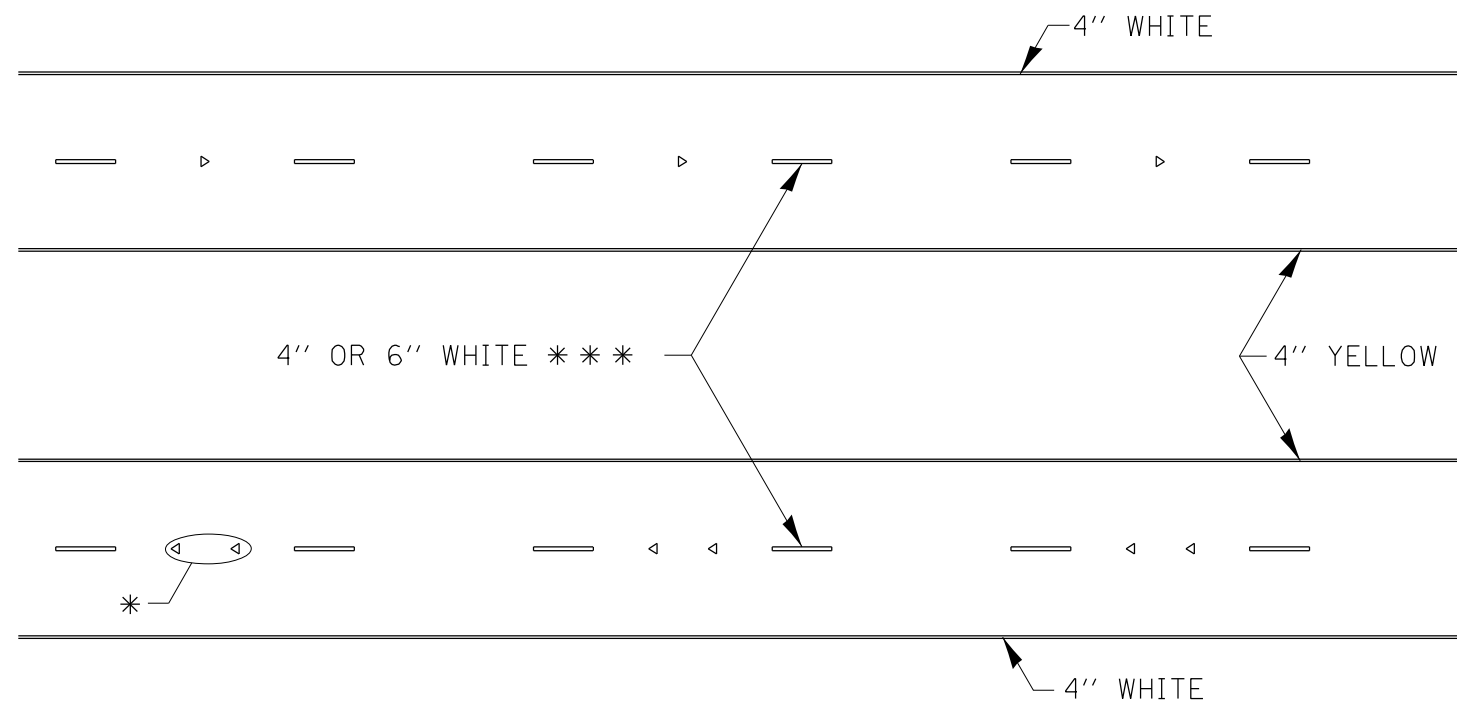
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N/A SHEET NO. 11 OF 14 SHEETS STA. TO STA.

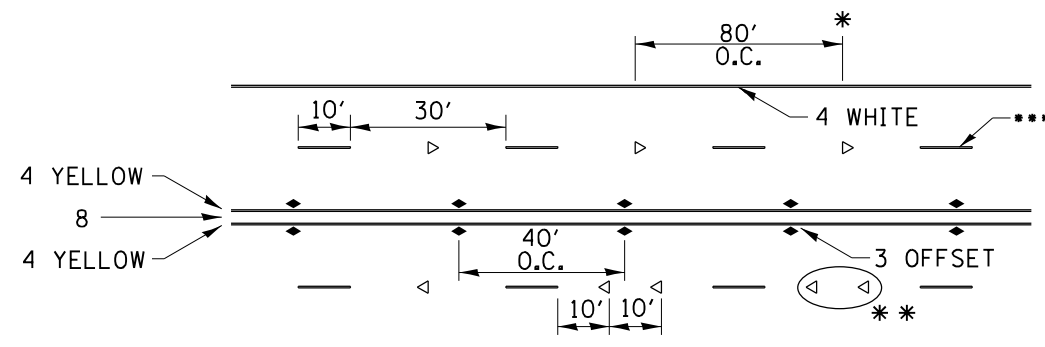
F.A. RTE. 303	SECTION (40,41) R	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 247
CONTRACT NO. 64H08			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI-LANE / DIVIDED



• REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

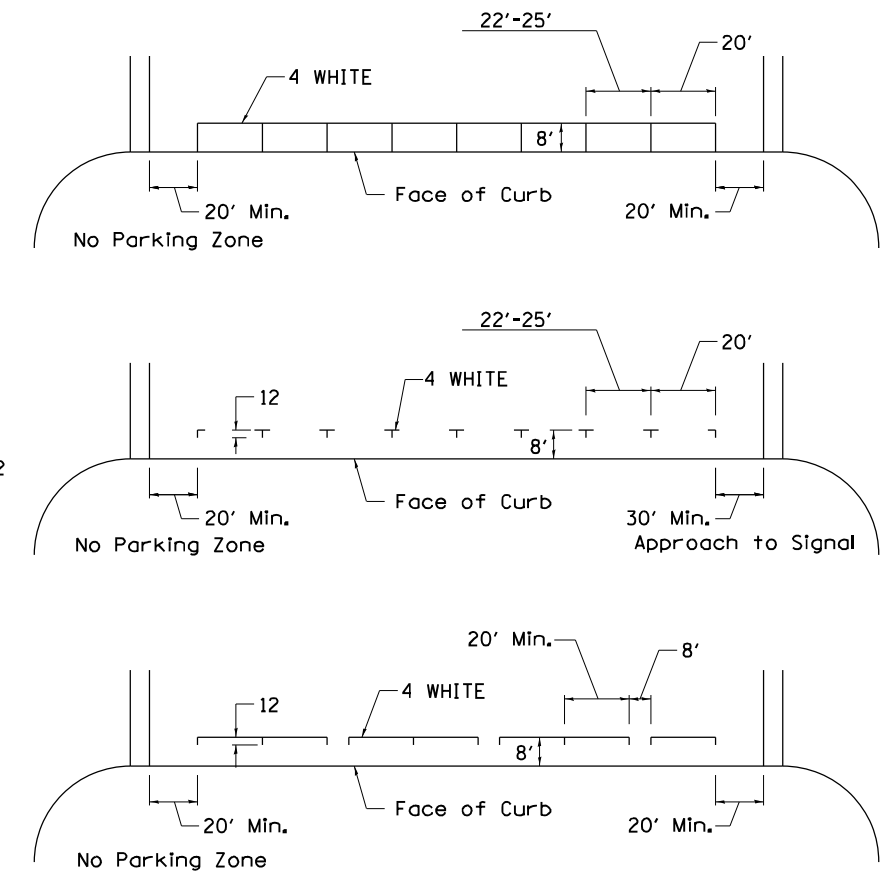
•• USE DOUBLE MARKERS WHEN ADT ≥ 20,000

••• CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

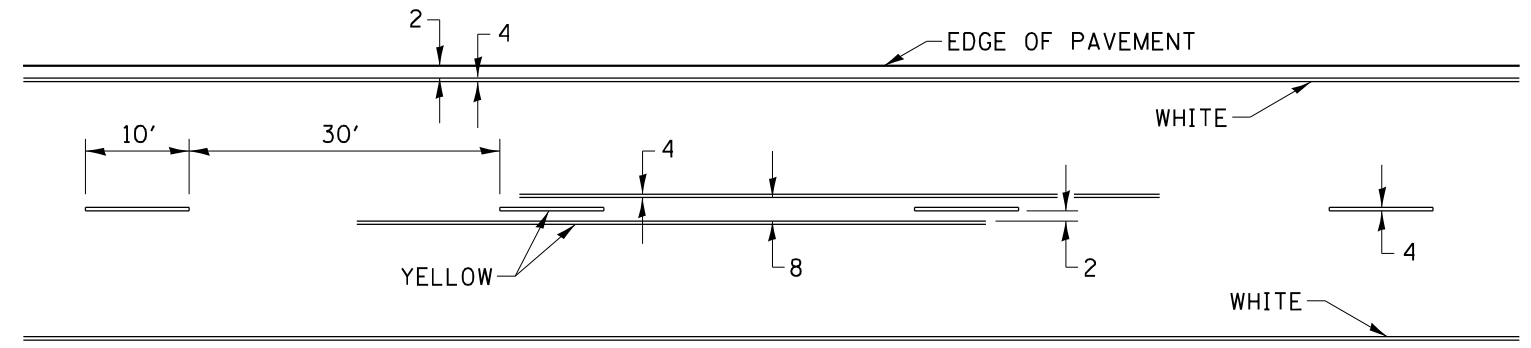
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS

FILE NAME = D264H08-sht-D2detail208.dgn	USER NAME = EtwileE	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 8-27-13
		CHECKED -	REVISED - 11-28-12
		DATE -	REVISED -

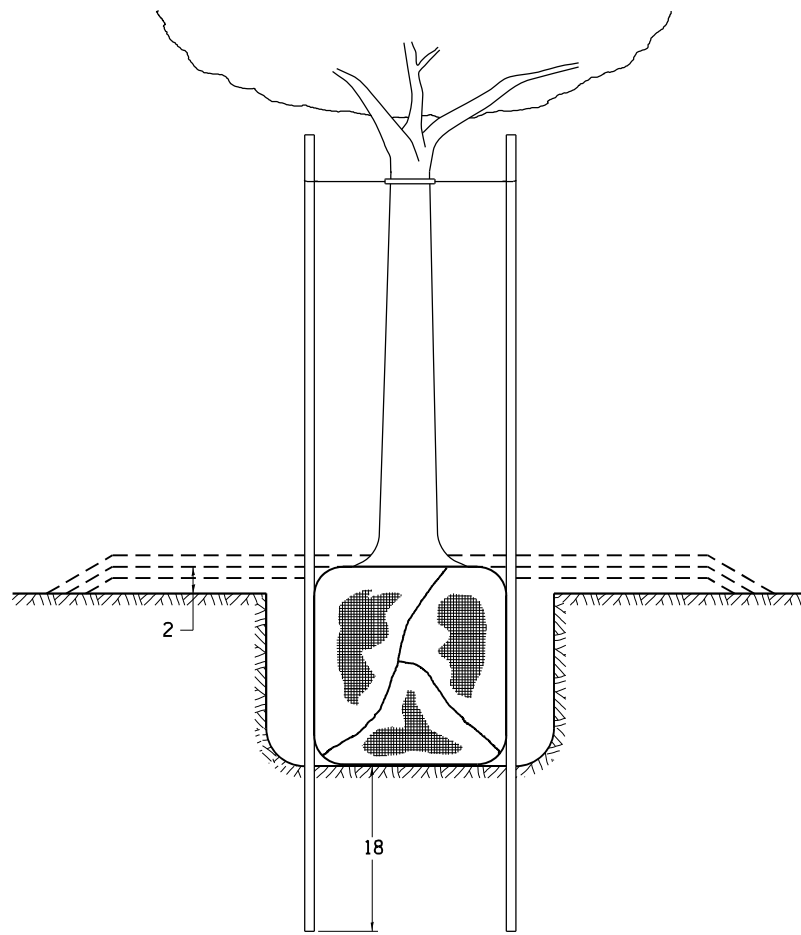
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

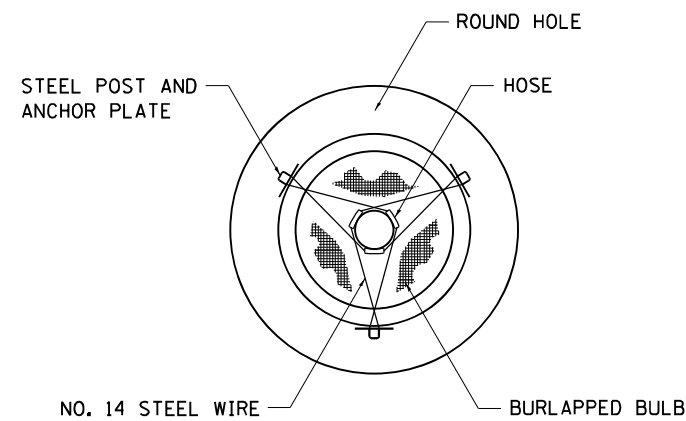
SCALE: N/A SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	249
CONTRACT NO. 64H08				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DETAILS OF PLANTING AND BRACING TREES

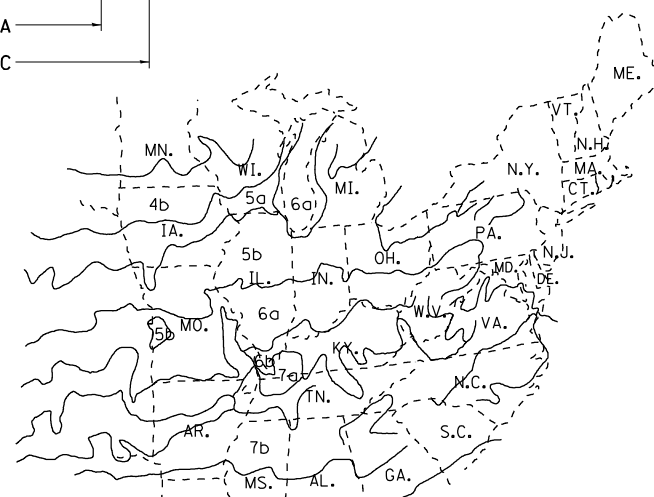
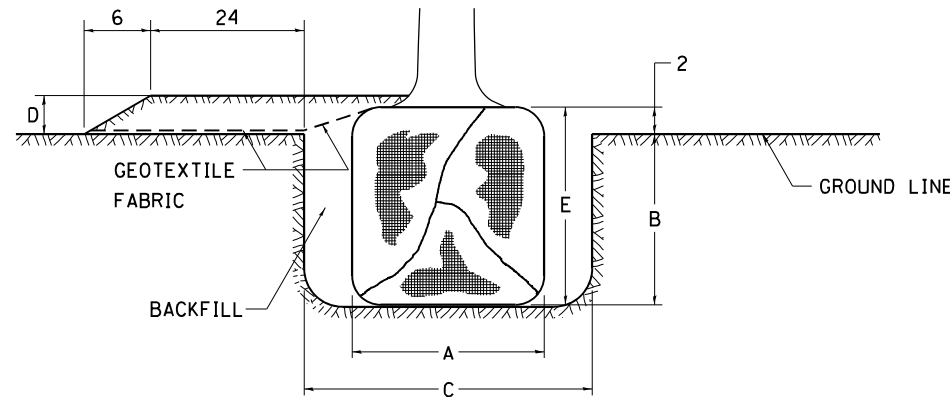


TREES SMALLER THAN 4 1/2 IN DIAMETER



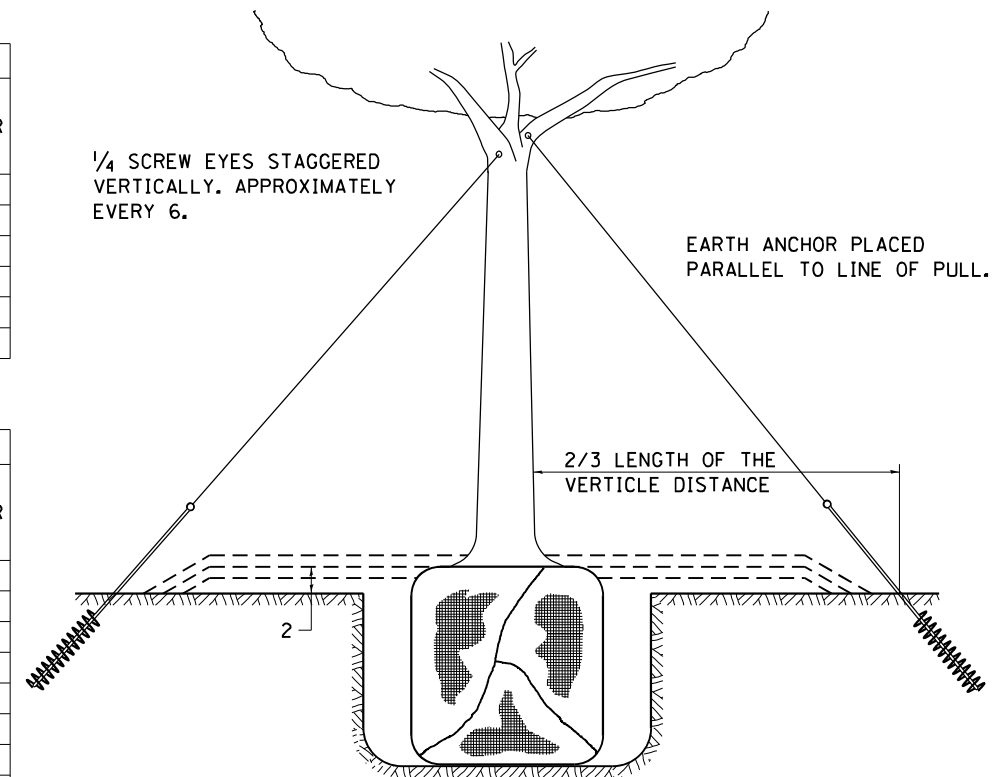
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

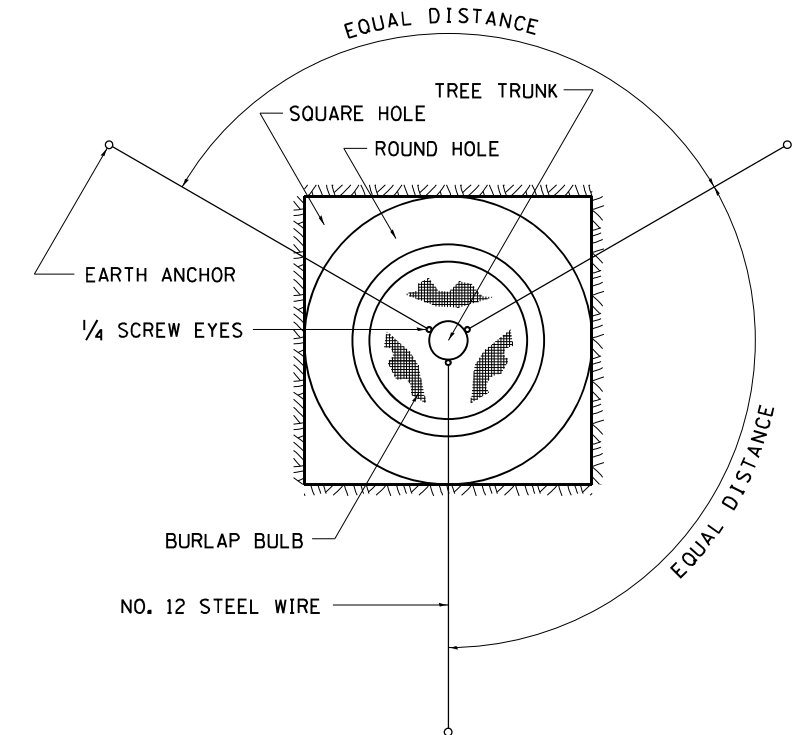


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

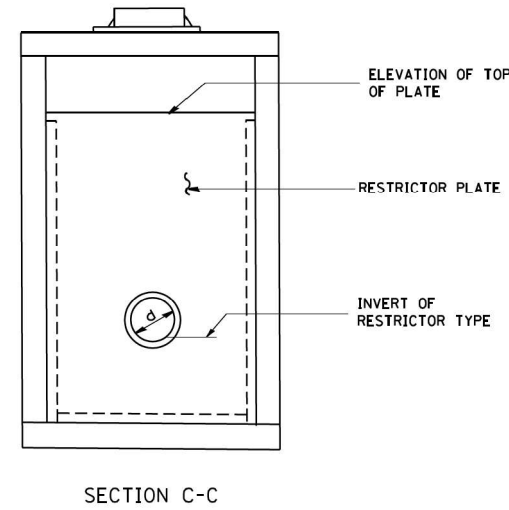
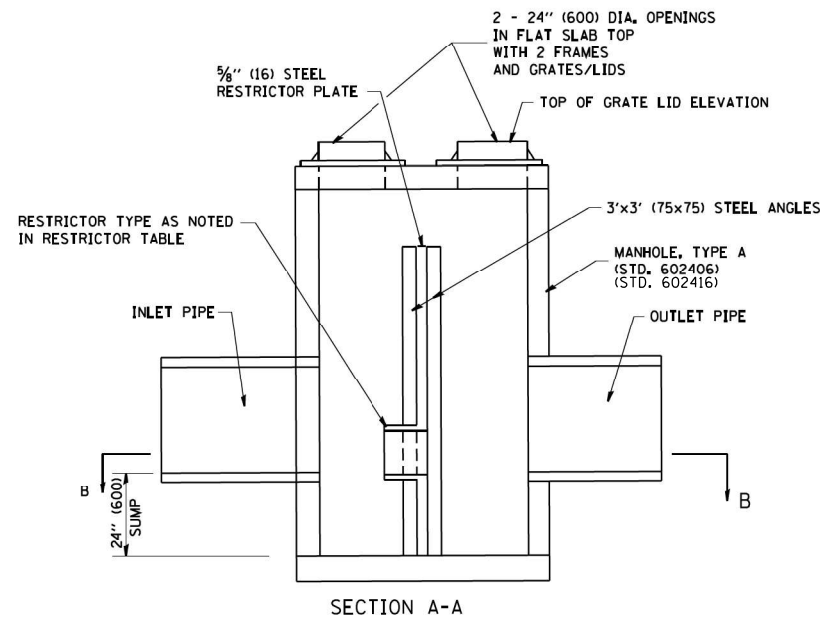
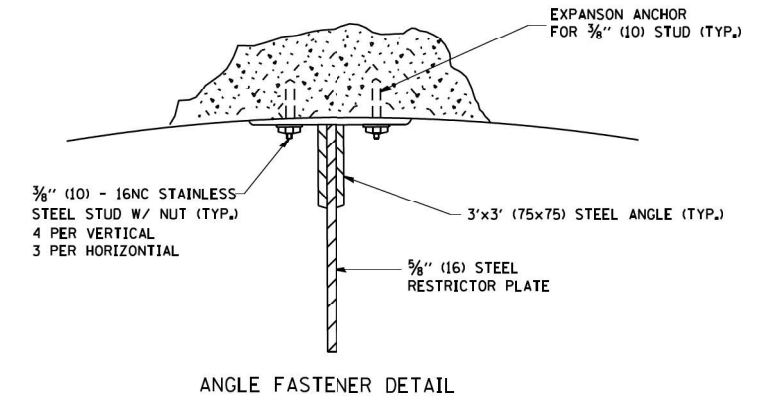
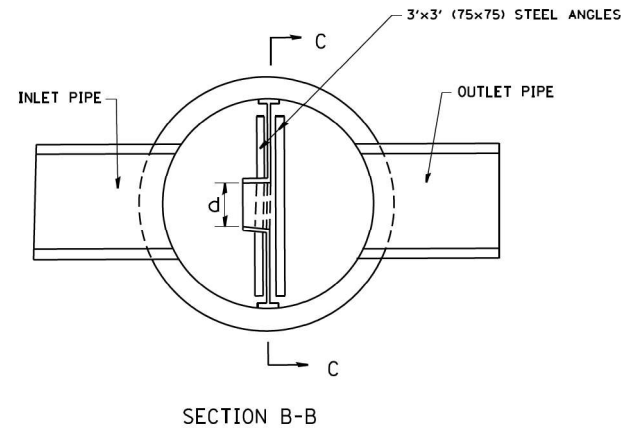
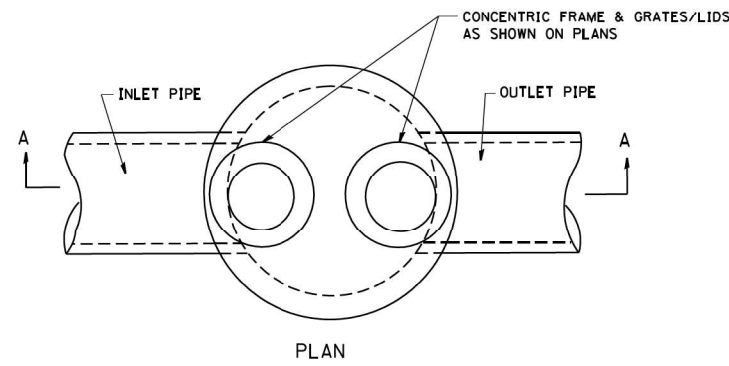
FILE NAME = D264H08-sht-D2detail209.dgn	USER NAME = EtwileE	DESIGNED -	REVISED - 10-18-11
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

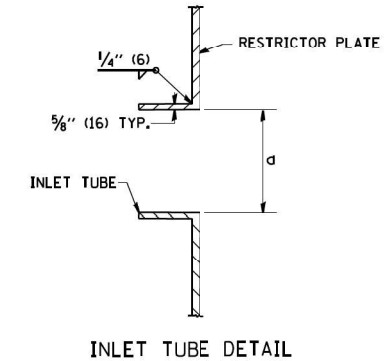
REGION 2 / DISTRICT 2 STANDARD

SCALE: N/A SHEET NO. 14 OF 14 SHEETS STA. TO STA.

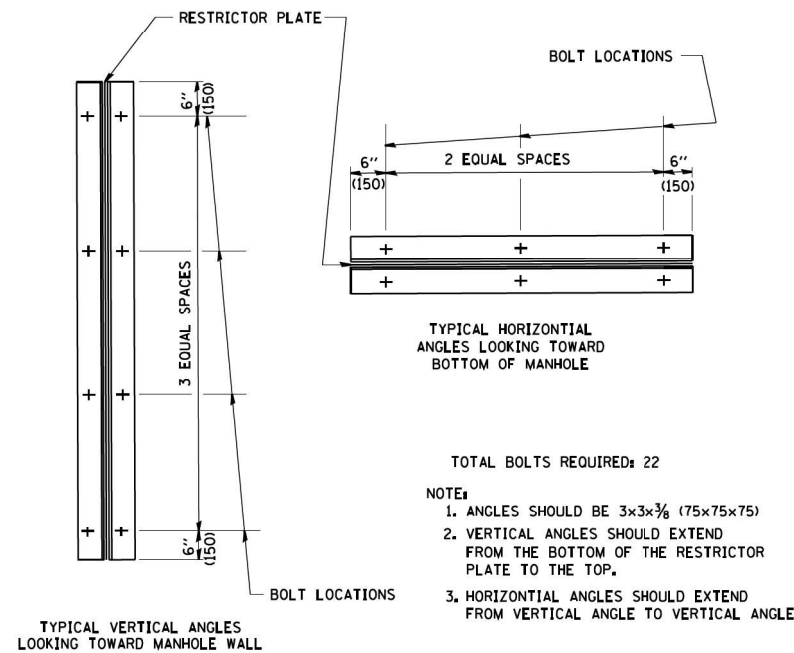
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(40,41) R	WINNEBAGO	339	250
CONTRACT NO. 64H08				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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



STRUCTURE NUMBER	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER In. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
21400B	6'	TWO T1F CL	TYPE 2	18.00	803.5	809.79
21717C	6'	TWO T1F CL	TYPE 2	24.00	796.97	802.37
22063B	8'	TWO T1F CL	TYPE 2	29.04	787.32	794.00
23374B	8'	TWO T1F CL	TYPE 2	36.00	776.66	782.00
24217	6'	TWO T1F CL	TYPE 2	16.80	776.42	778.30



- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
 2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

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

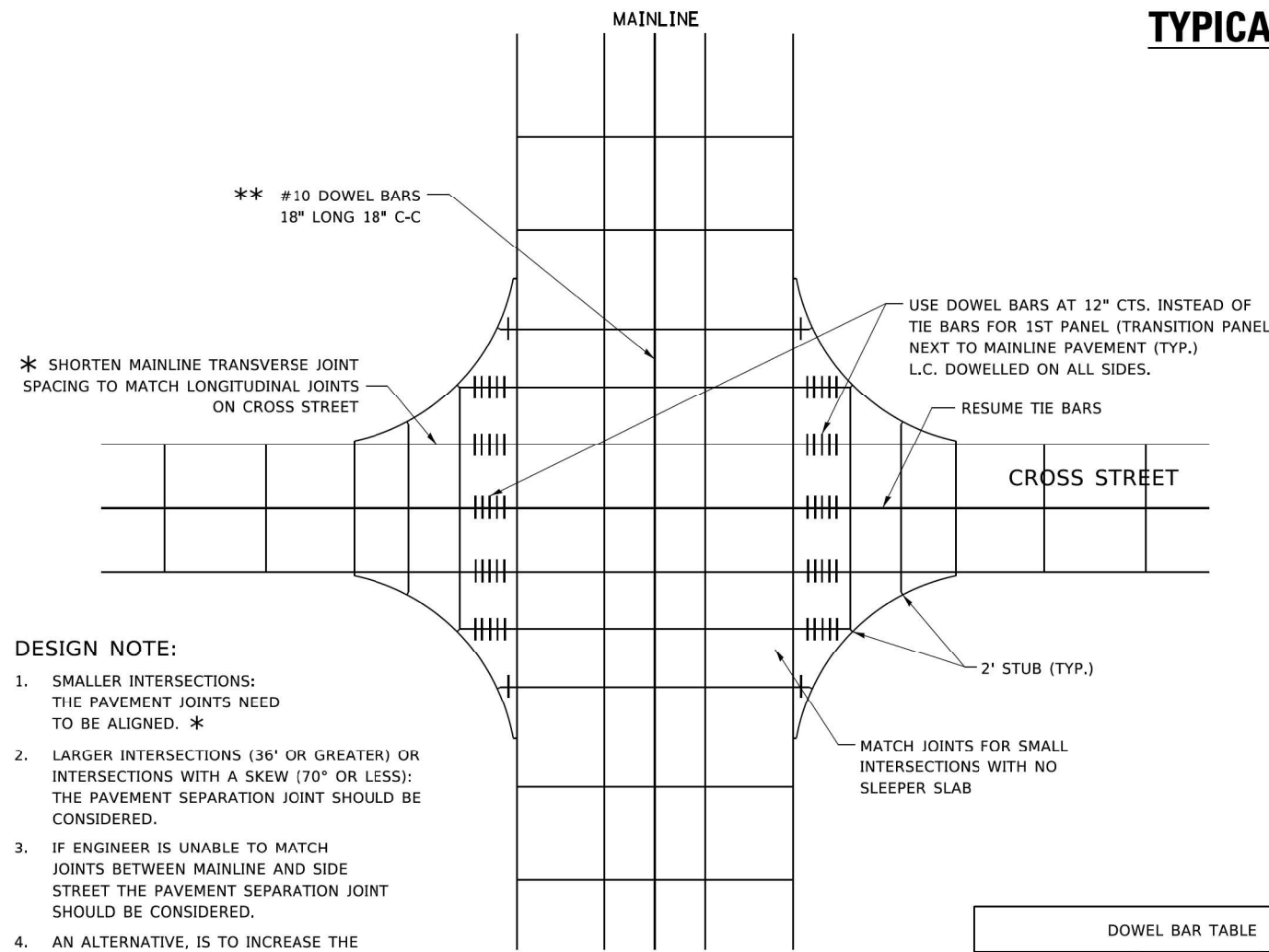
VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

STEEL ANGLE BOLTING DETAILS

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

TYPICAL APPLICATION

THE USE OF CROSS STREET PAVEMENT SEPARATION JOINTS FOR SKEWED OR LARGE INTERSECTIONS WHERE JOINTS MAY NOT MATCH

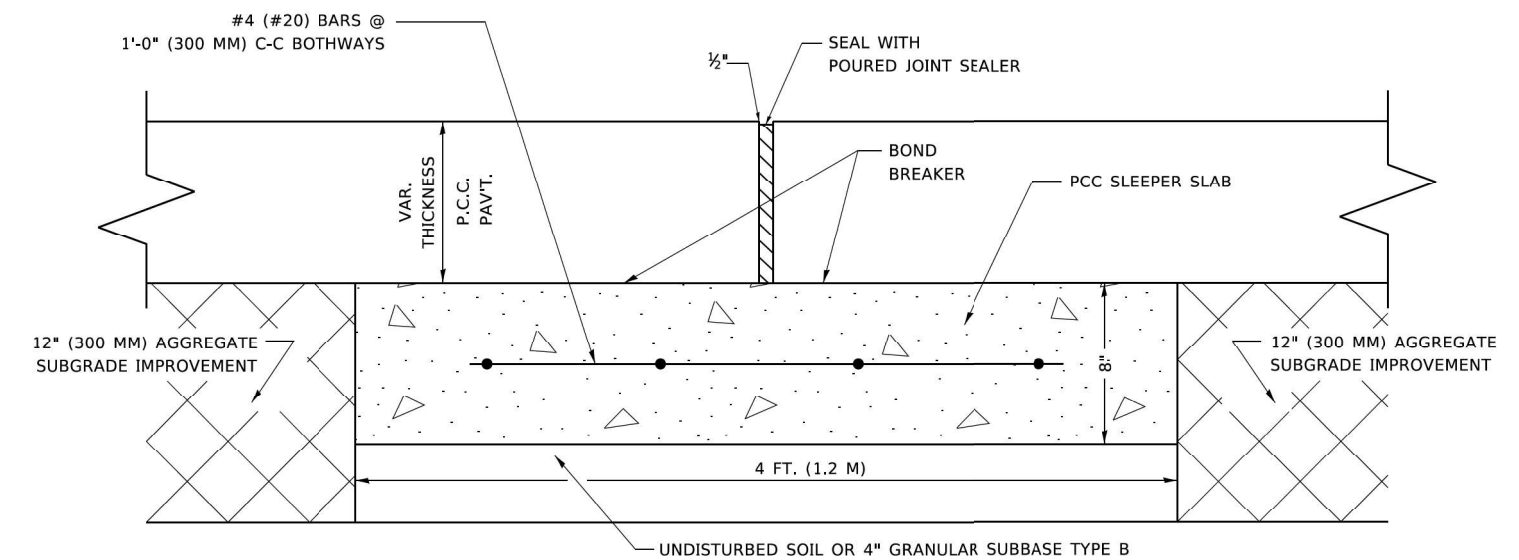
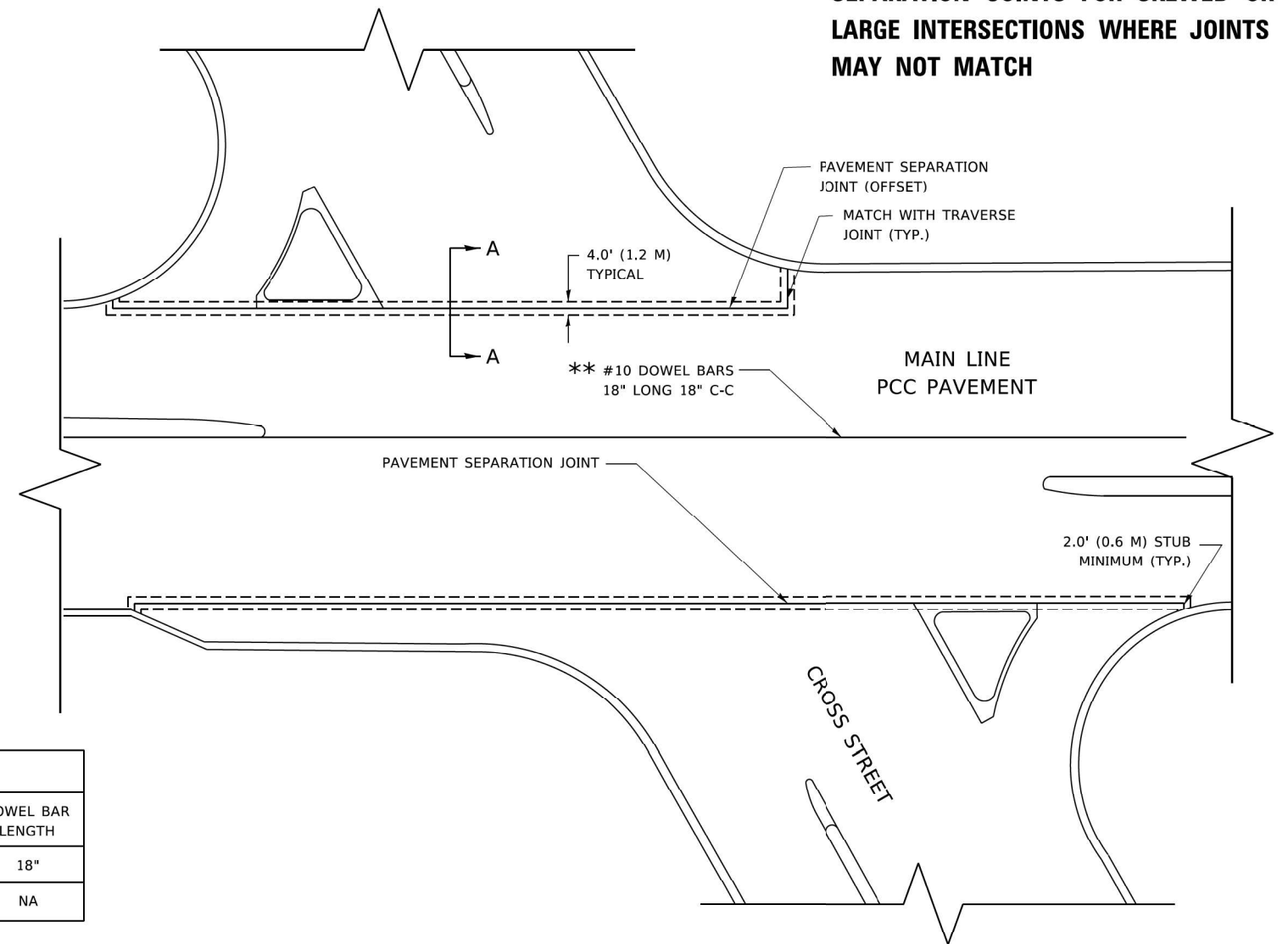


DESIGN NOTE:

1. SMALLER INTERSECTIONS: THE PAVEMENT JOINTS NEED TO BE ALIGNED. *
2. LARGER INTERSECTIONS (36' OR GREATER) OR INTERSECTIONS WITH A SKEW (70° OR LESS): THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE, IS TO INCREASE THE PAVEMENT THICKNESS BY 1/2" FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION.
5. FOR LARGE INTERSECTIONS, (6 LANES OR MORE) WHERE JOINTS CAN BE MATCHED, USE #8 (25) DOWEL BARS INSTEAD OF #8 (25) TIE BARS AT EDGE OF MAINLINE PAVEMENT WHEN NO PAVEMENT SEPARATION JOINTS USED.

PLAN

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	DOWEL BAR LENGTH
8" OR GREATER	1 1/2"	18"
LESS THAN 8"	NA	NA



PROPOSED SECTION A-A

METHOD OF MEASUREMENT

THIS WORK WILL BE MEASURED FOR PAYMENT IN FEET, MEASURED IN PLACE.

BASIS OF PAYMENT

1. THIS WORK WILL BE PAID FOR AT THE UNIT PRICE PER FOOT FOR "SLEEPER SLAB".
2. BOND BREAKER AND 1/2" (13MM) JOINT FILLER SHALL BE INCLUDED IN THE PAY ITEM "SLEEPER SLAB"

NOTE:

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.

MODEL: Default
FILE NAME: C:\pav\work\pavdata\footem\00108315\bd52.dgn

USER NAME = footemj	DESIGNED - TGM	REVISED - CADD 06 18 10
	DRAWN -	REVISED - O. PATEL 3-27-19
PLOT SCALE = 50.0000 ' / in.	CHECKED - AM	REVISED -
PLOT DATE = 3/27/2019	DATE - 05-14-2002	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

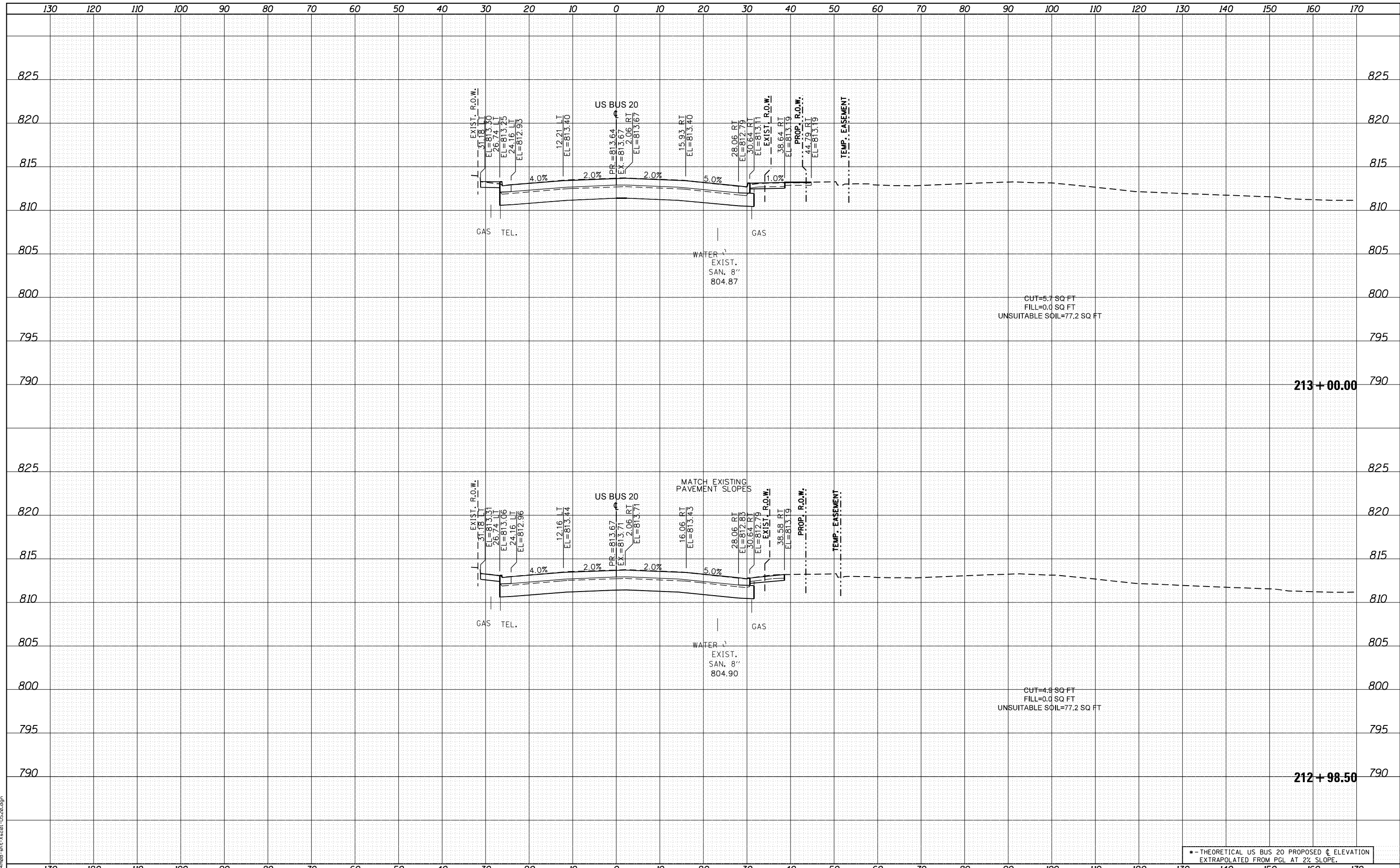
DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE. 303	SECTION (40,41) R	COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 252
BD52		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-ht-ks-01-US20.dgn



• - THEORETICAL US BUS 20 PROPOSED C ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WEST STATE STREET (US BUS 20)

SCALE: 1"=10'H/1"=5'V SHEET 1 OF 66 SHEETS STA. 212+98.50 TO STA. 213+00.00

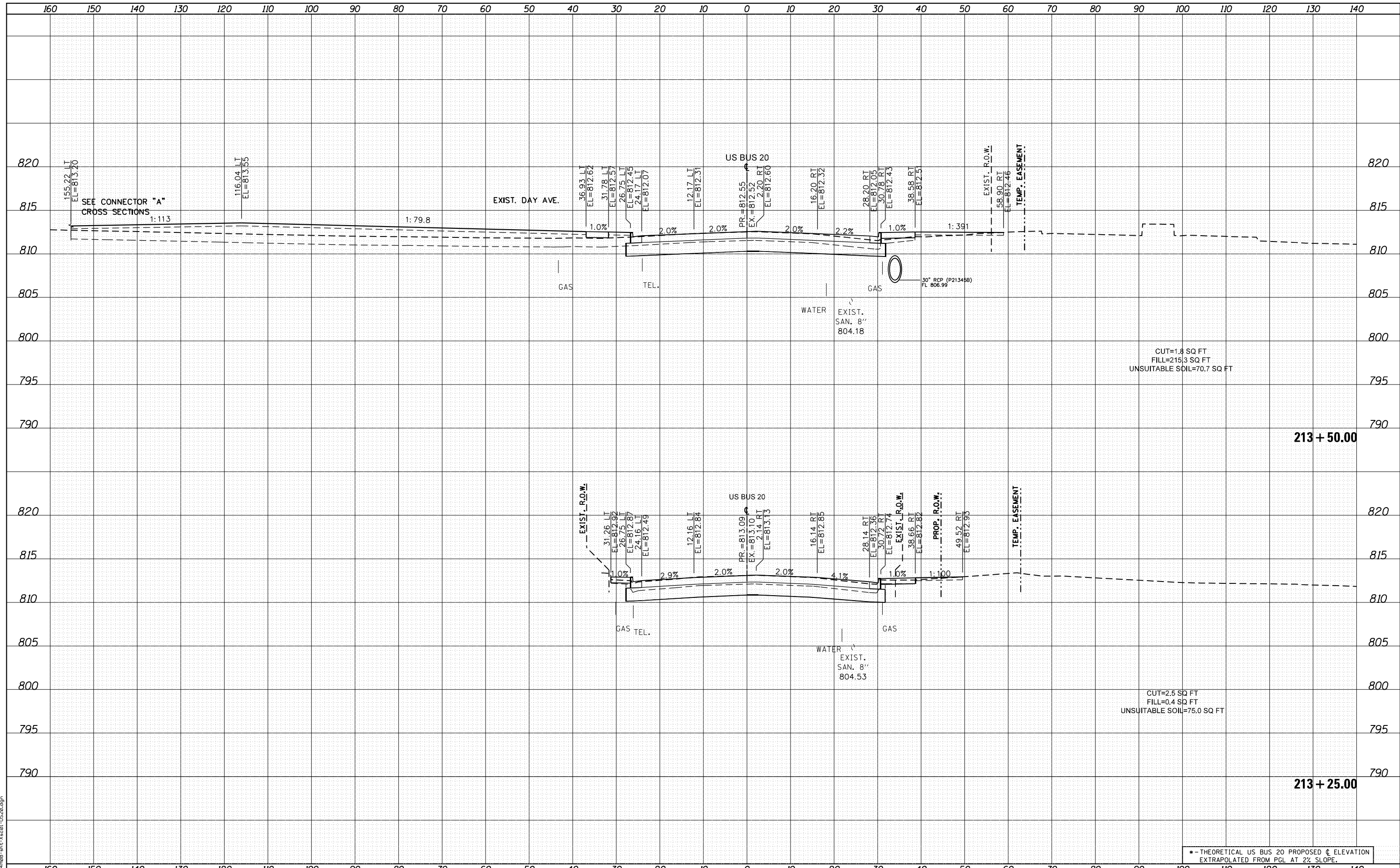
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	253
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1ht-ks-01-US20.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

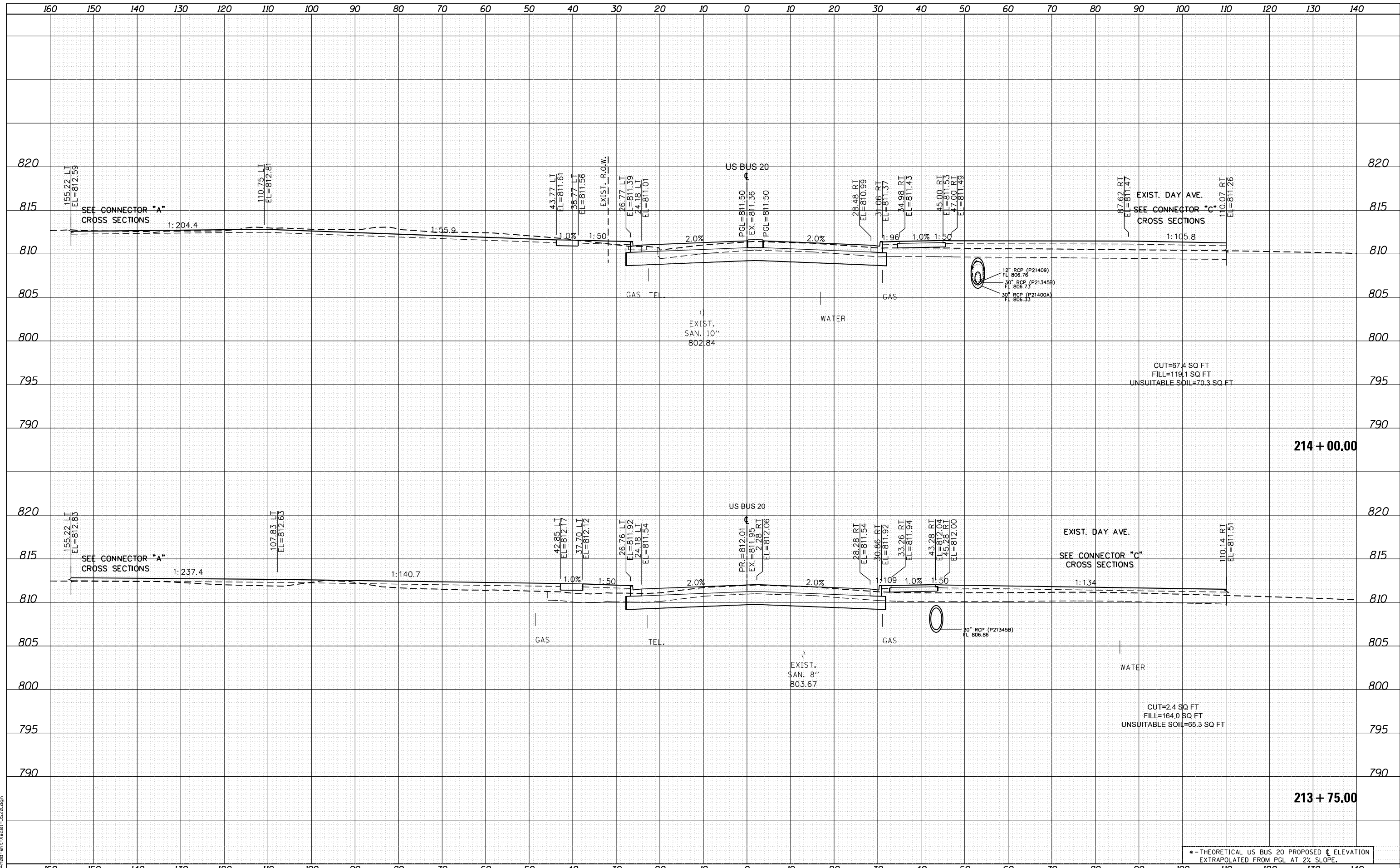
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE. 303	SECTION 41R-1
SCALE: 1"=10'H/1"=5'V SHEET 2 OF 66 SHEETS STA. 213+25.00 TO STA. 213+50.00	

COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 254
CONTRACT NO.		
ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1st-3x301-1520.dgn



* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

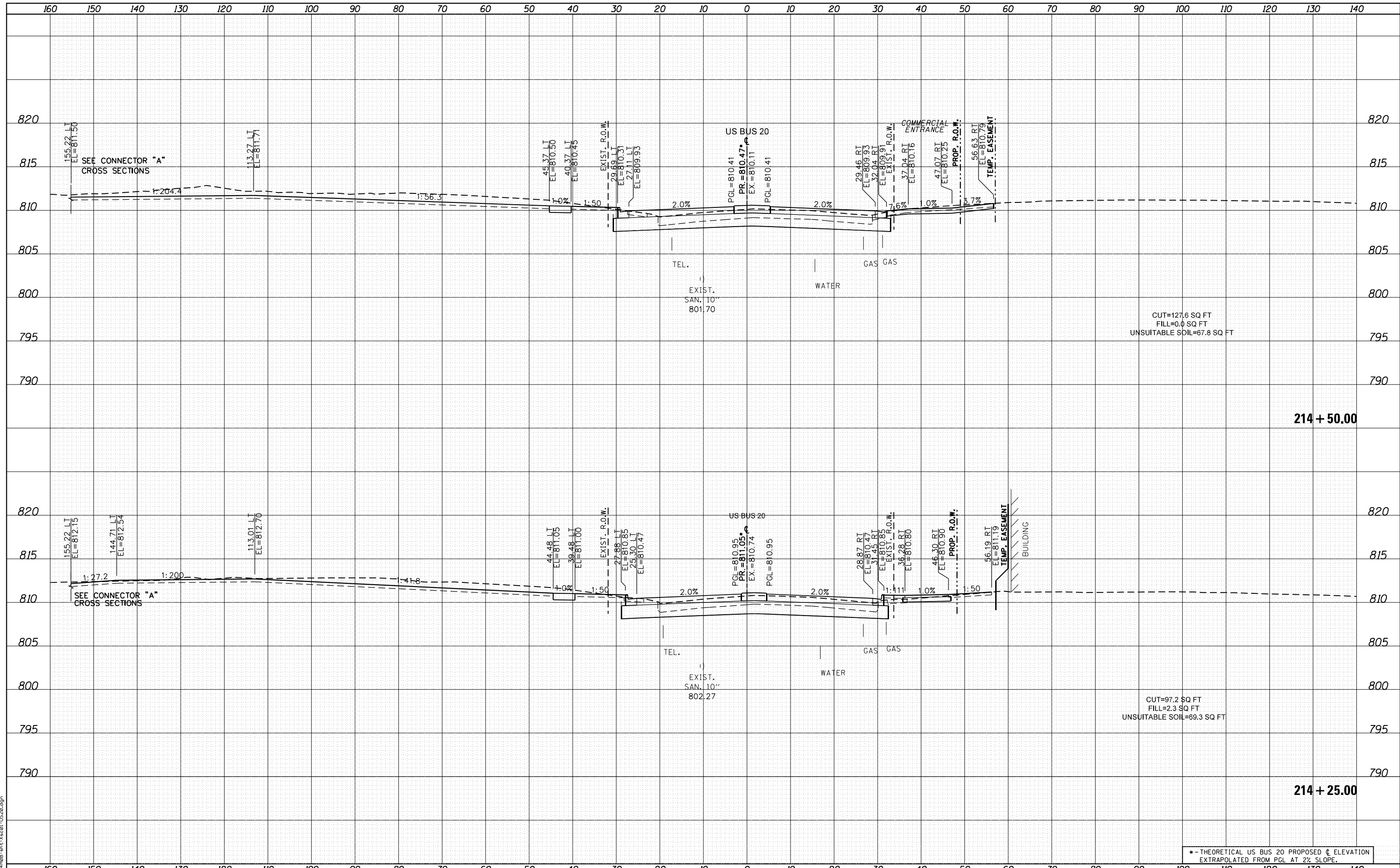
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 3 OF 66 SHEETS
STA. 213+75.00	TO STA. 214+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	255
CONTRACT NO.				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME = D264408-1st-3x301-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

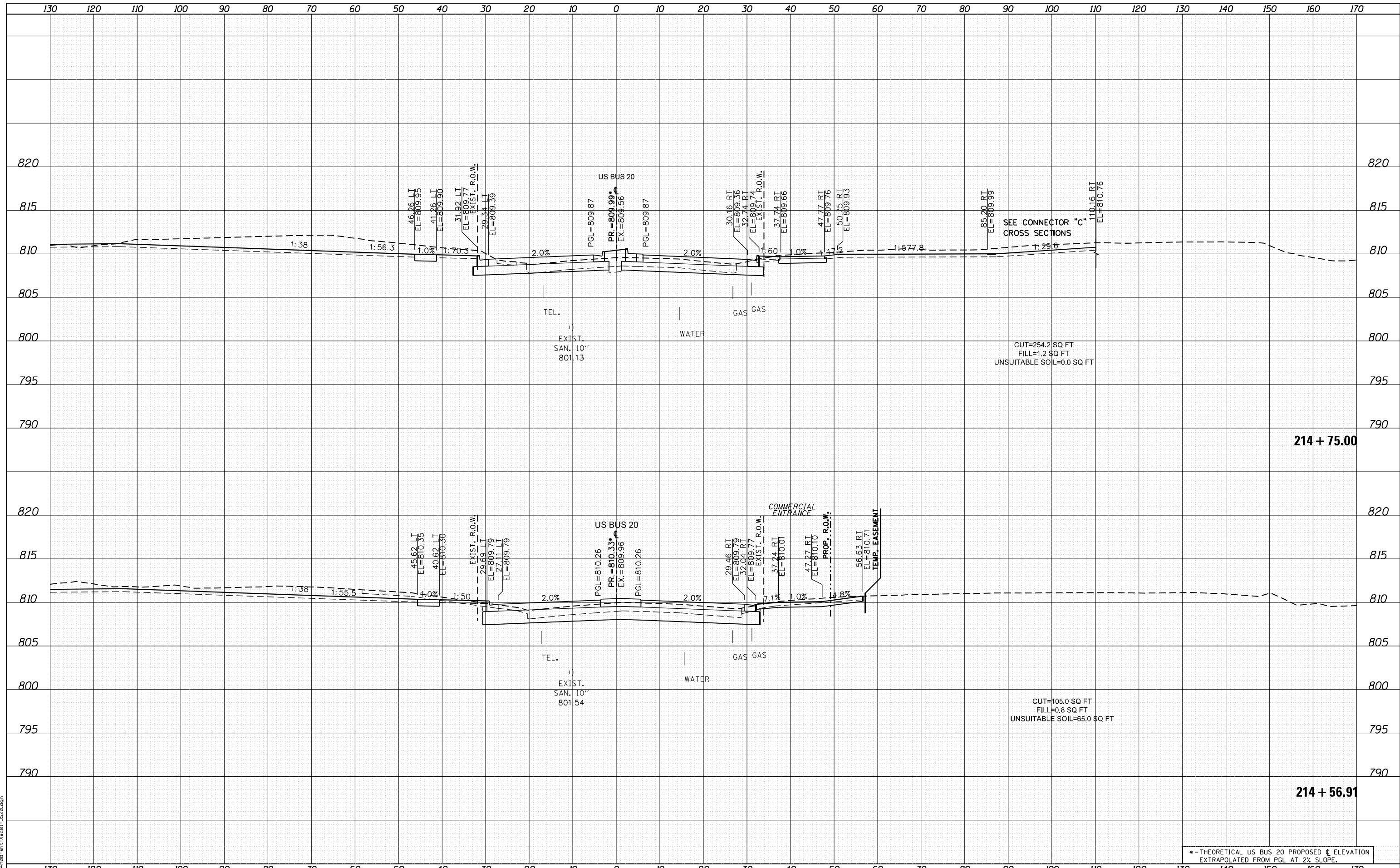
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 4 OF 66 SHEETS
STA. 214+25.00	TO STA. 214+50.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	256
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

FILE NAME = D264408-1ht-ks-01-US20.dgn



• - THEORETICAL US BUS 20 PROPOSED C ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/12/2020

DESIGNED - MXF
 DRAWN - MXF
 CHECKED - MJM
 DATE - 08/10/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WEST STATE STREET (US BUS 20)

SCALE: 1"=10'H/1"=5'V SHEET 5 OF 66 SHEETS STA. 214+56.91 TO STA. 214+75.00

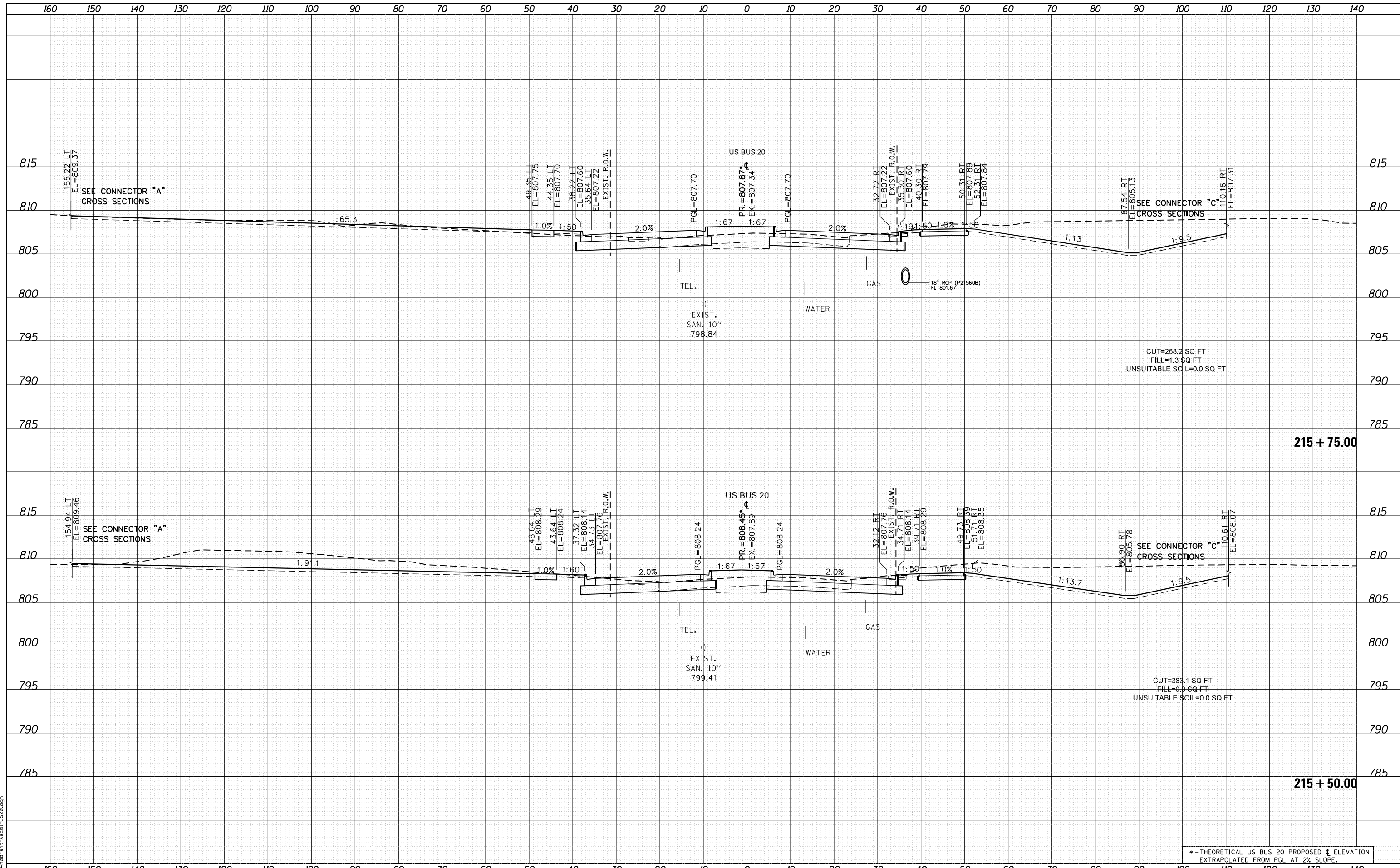
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	257
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1st-3x20-1-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - MXF	REVISED -
PLOT DATE = 8/12/2020	CHECKED - MJM	REVISED -
	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

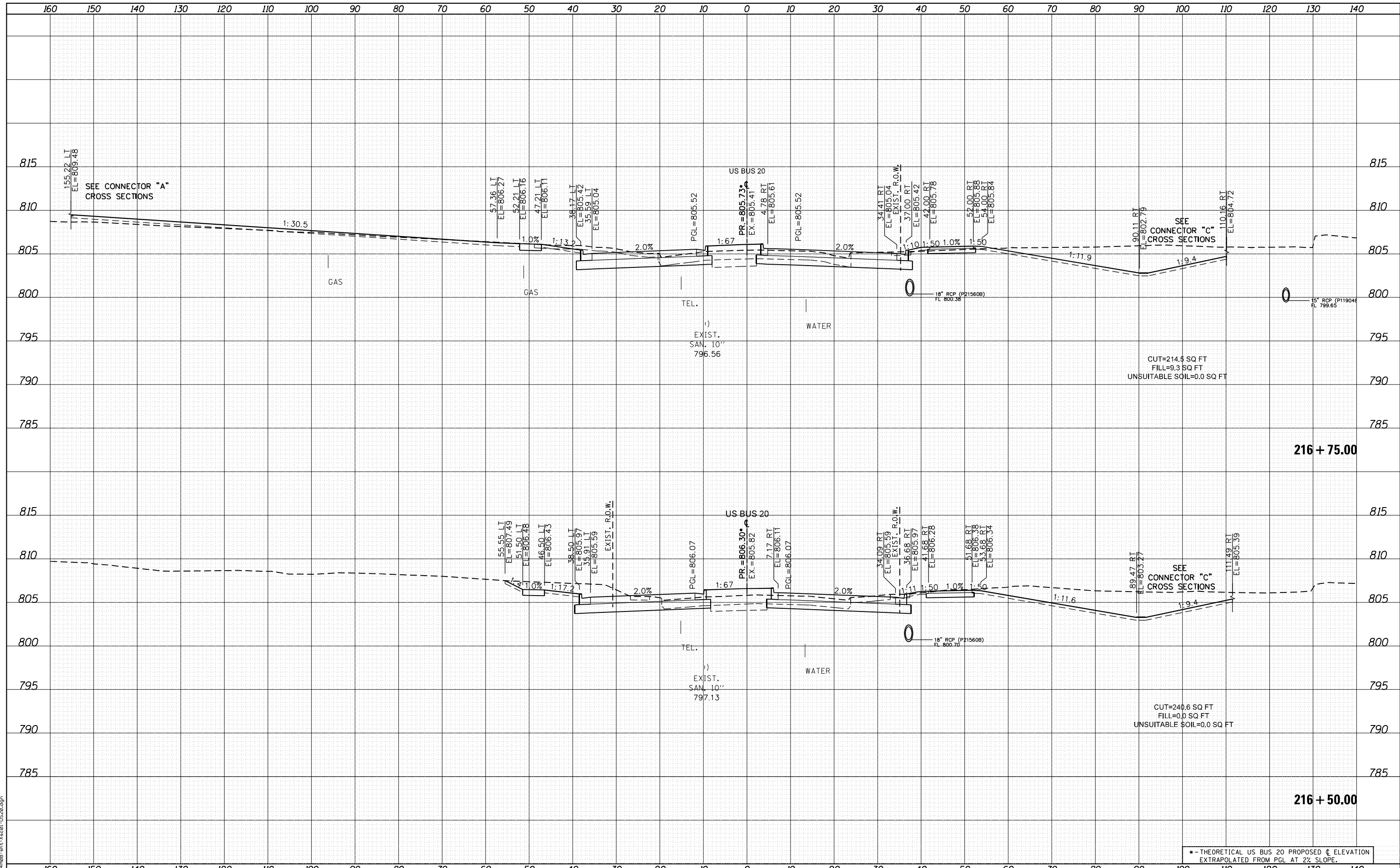
SCALE: 1"=10'H/1"=5'V SHEET 7 OF 66 SHEETS STA. 215+50.00 TO STA. 215+75.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	259
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-st-ks-01-US20.dgn



USER NAME = EtwileE
 DESIGNED - MXF
 DRAWN - MXF
 CHECKED - MJM
 DATE - 08/10/2018

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

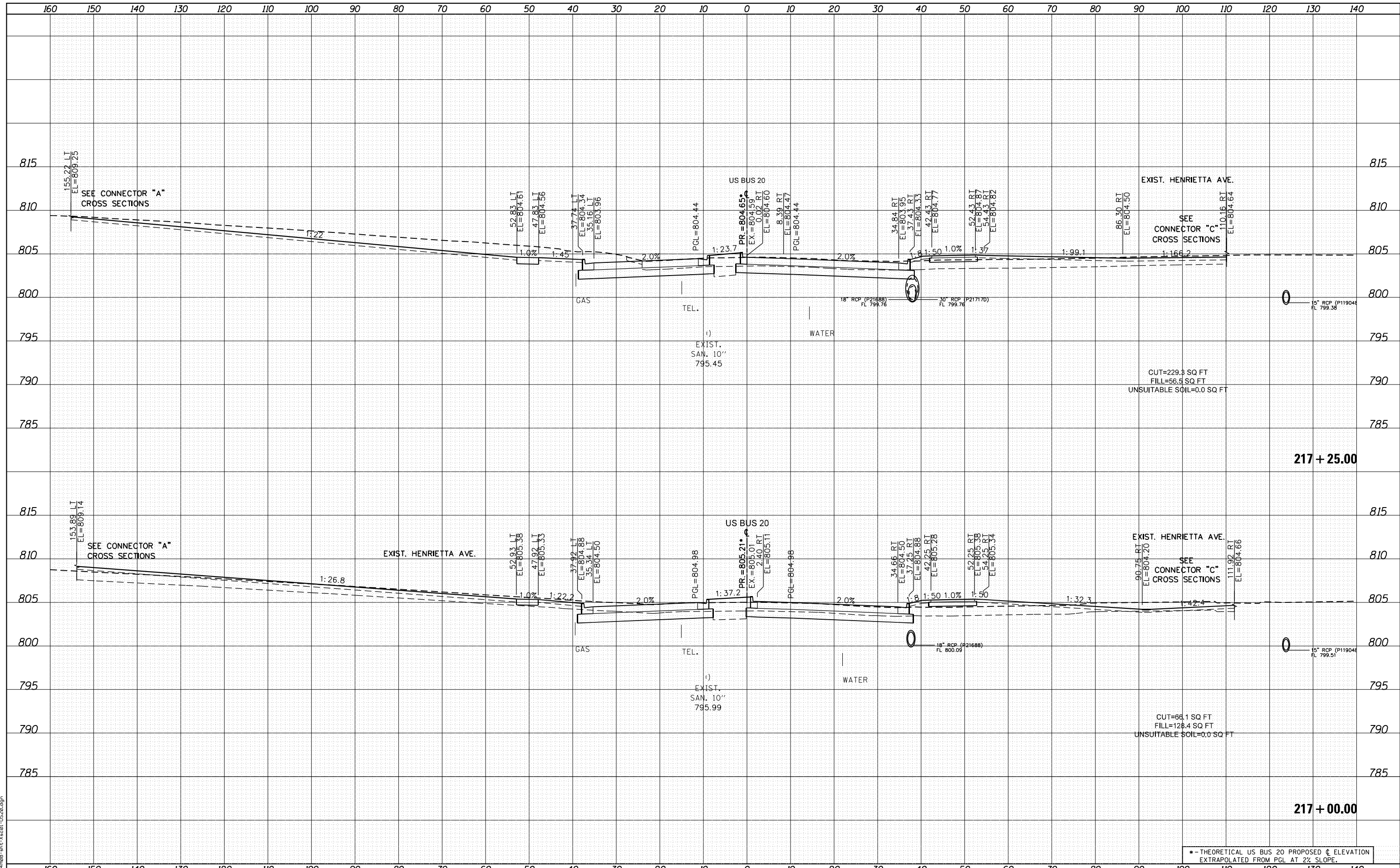
CROSS SECTIONS
 WEST STATE STREET (US BUS 20)
 SCALE: 1"=10'H/1"=5'V SHEET 9 OF 66 SHEETS STA. 216+50.00 TO STA. 216+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	261
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1st-3x301-US20.dgn



* - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

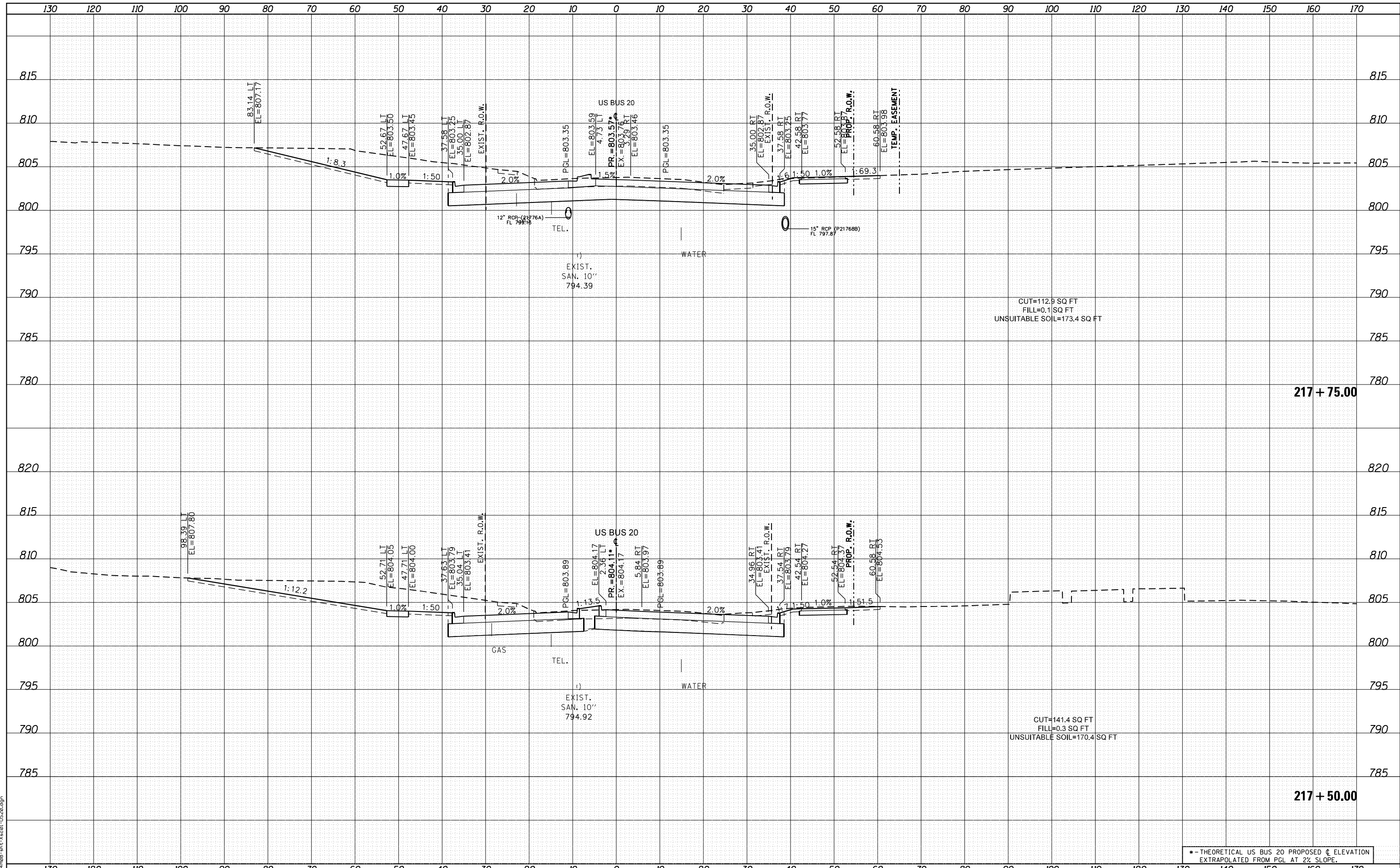
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE. 303	SECTION 41R-1
SCALE: 1"=10'H/1"=5'V SHEET 10 OF 66 SHEETS STA. 217+00.00 TO STA. 217+25.00	

COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 262
CONTRACT NO.		
ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

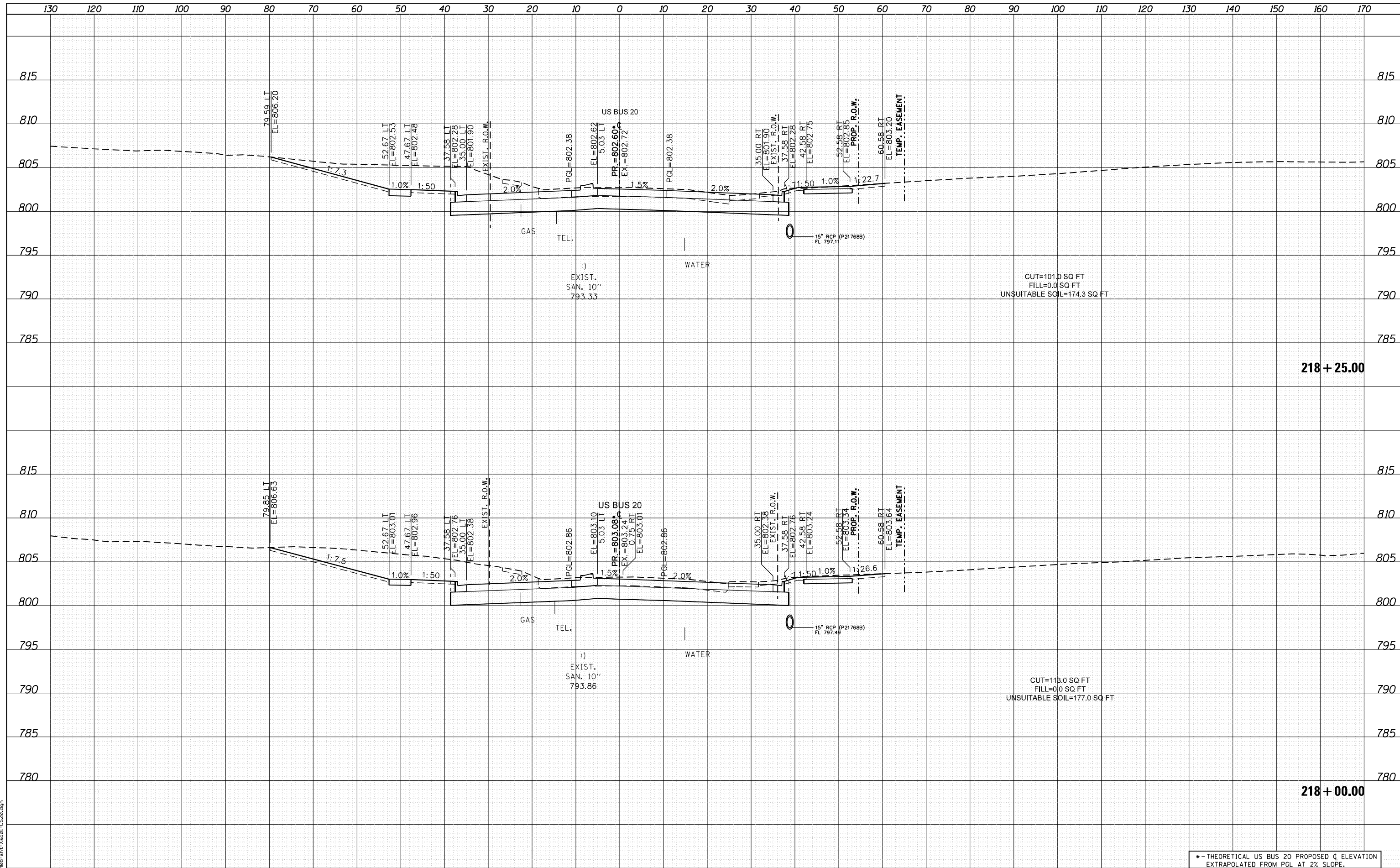
**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

SCALE: 1"=10'H/1"=5'V SHEET 11 OF 66 SHEETS STA. 217+50.00 TO STA. 217+75.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	263
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = D264408-1ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

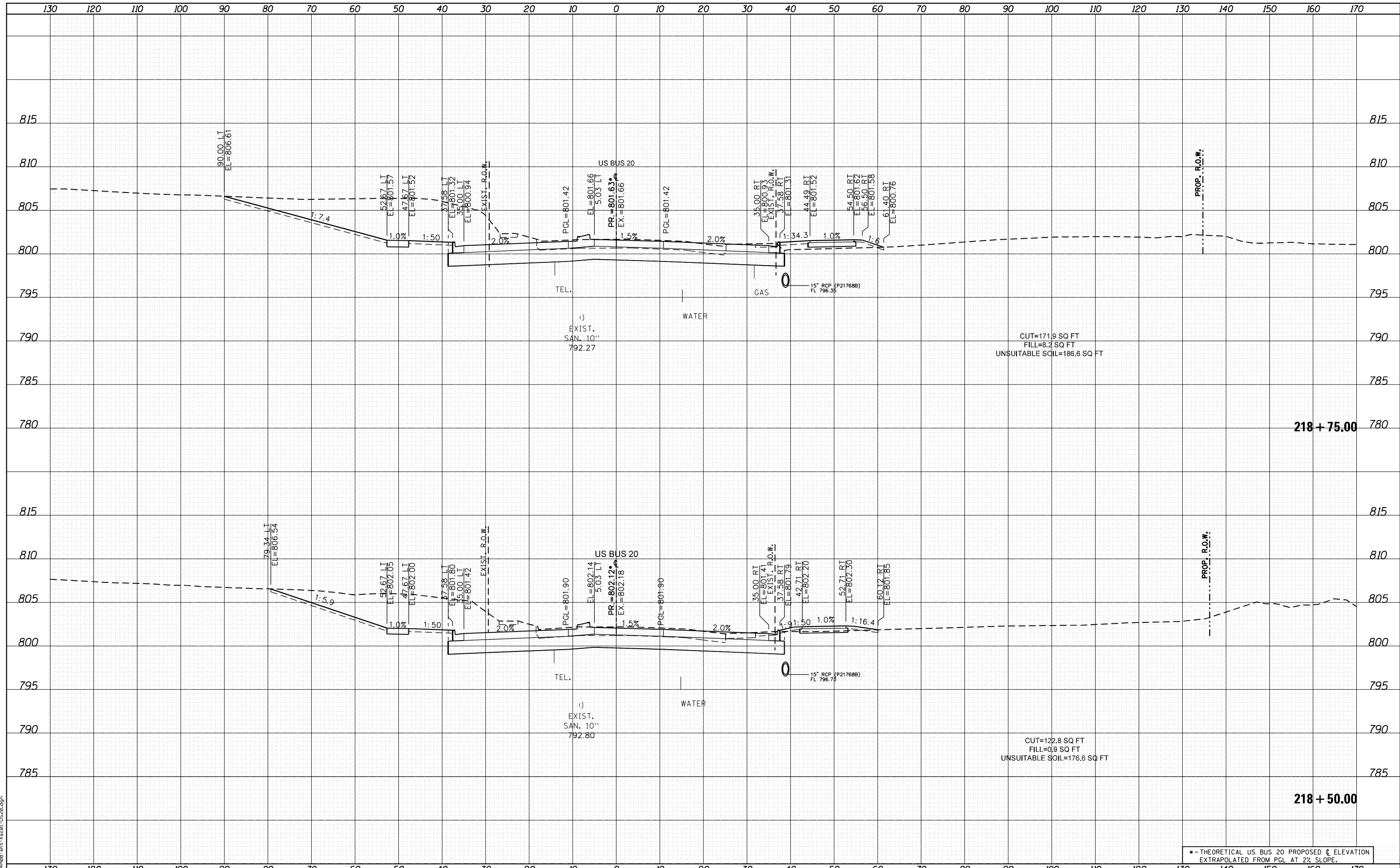
SCALE: 1"=10'H/1"=5'V SHEET 12 OF 66 SHEETS STA. 218+00.00 TO STA. 218+25.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	264
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1ht-3x20-1-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

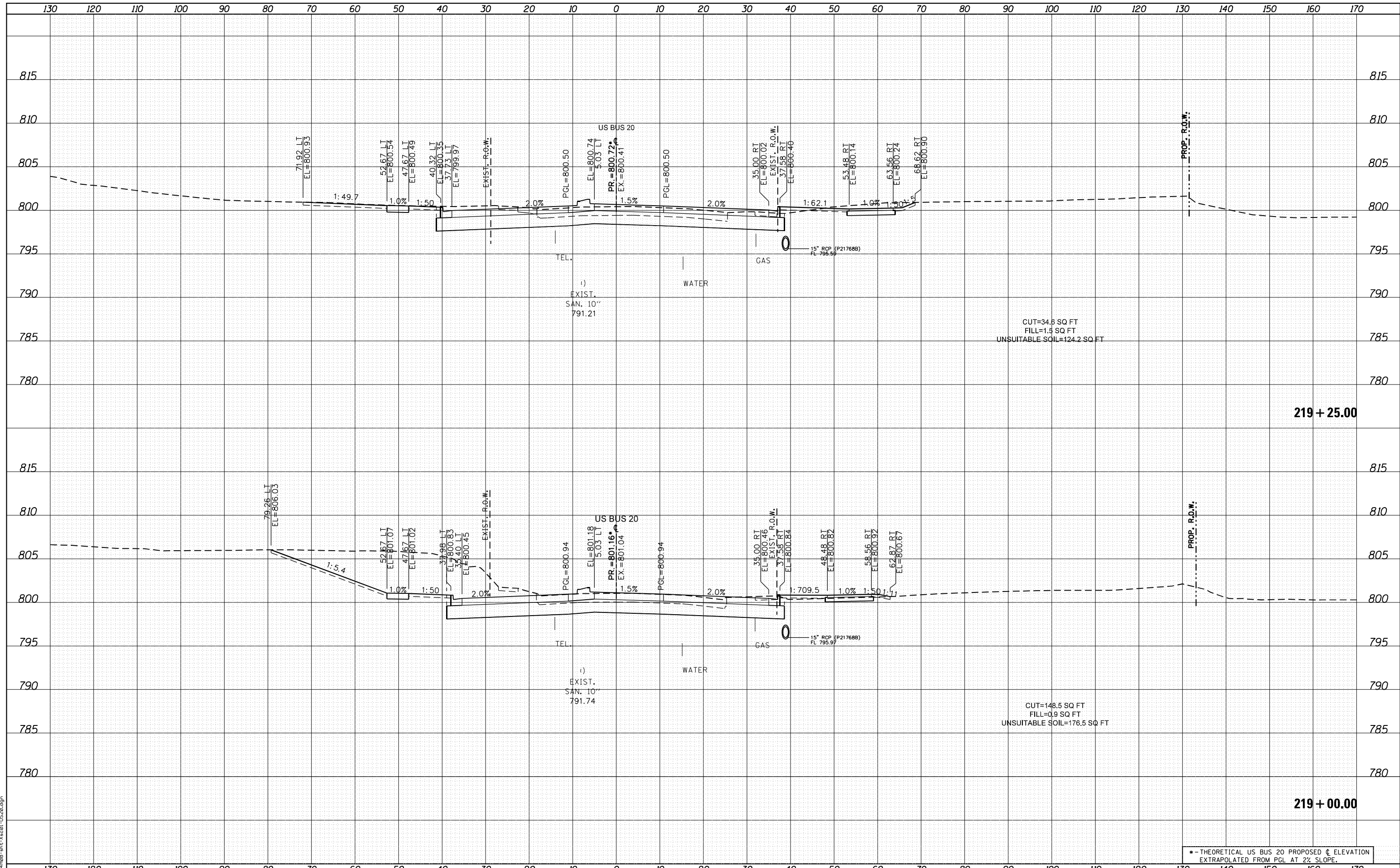
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 13 OF 66 SHEETS
STA. 218+50.00	TO STA. 218+75.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	265
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1st-3x201-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

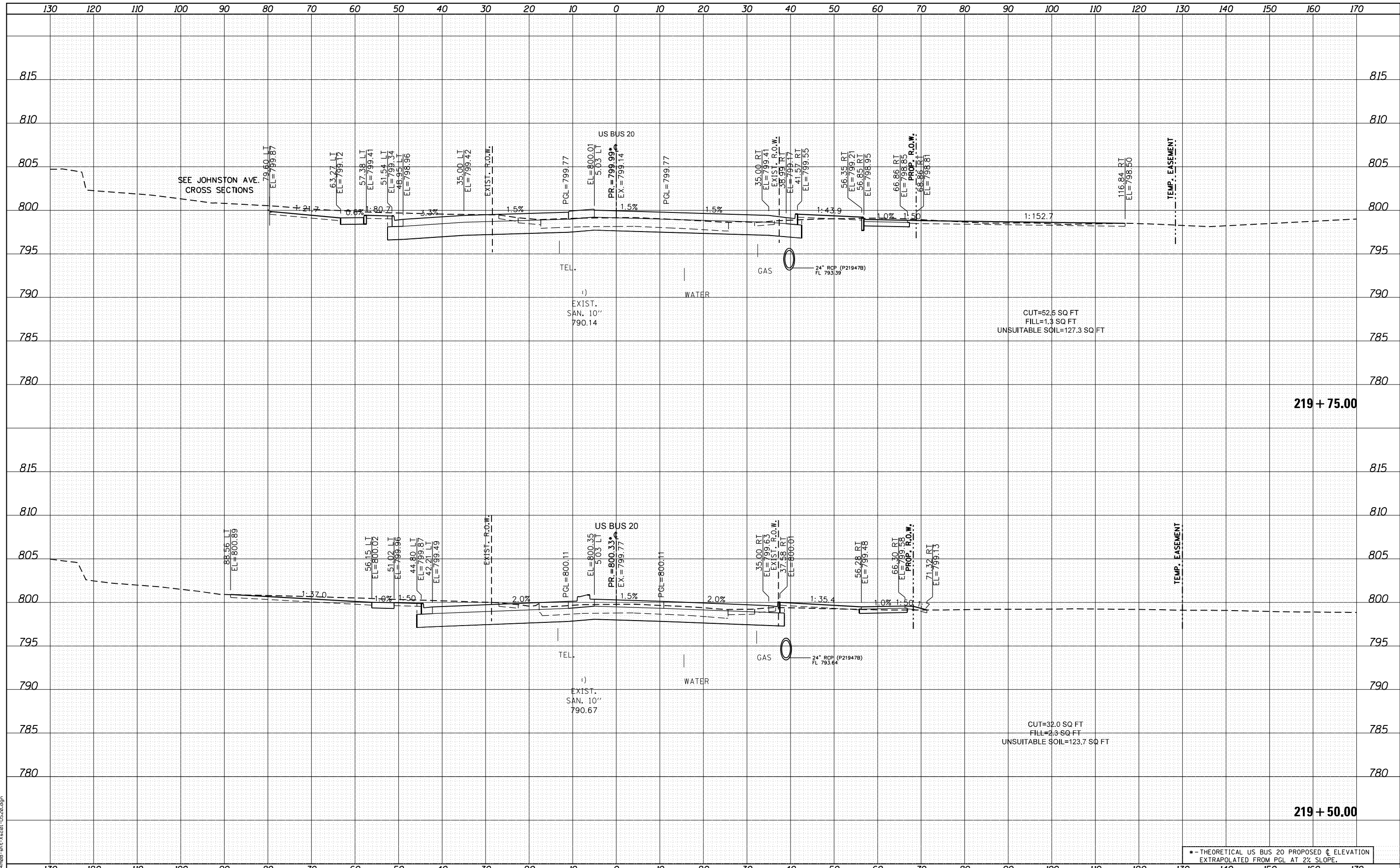
CROSS SECTIONS
WEST STATE STREET (US BUS 20)
SCALE: 1"=10'H/1"=5'V SHEET 14 OF 66 SHEETS STA. 219+00.00 TO STA. 219+25.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	266
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1st-3x301-1520.dgn



USER NAME = EtwileE
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/12/2020

DESIGNED - MXF
 DRAWN - MXF
 CHECKED - MJM
 DATE - 08/10/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

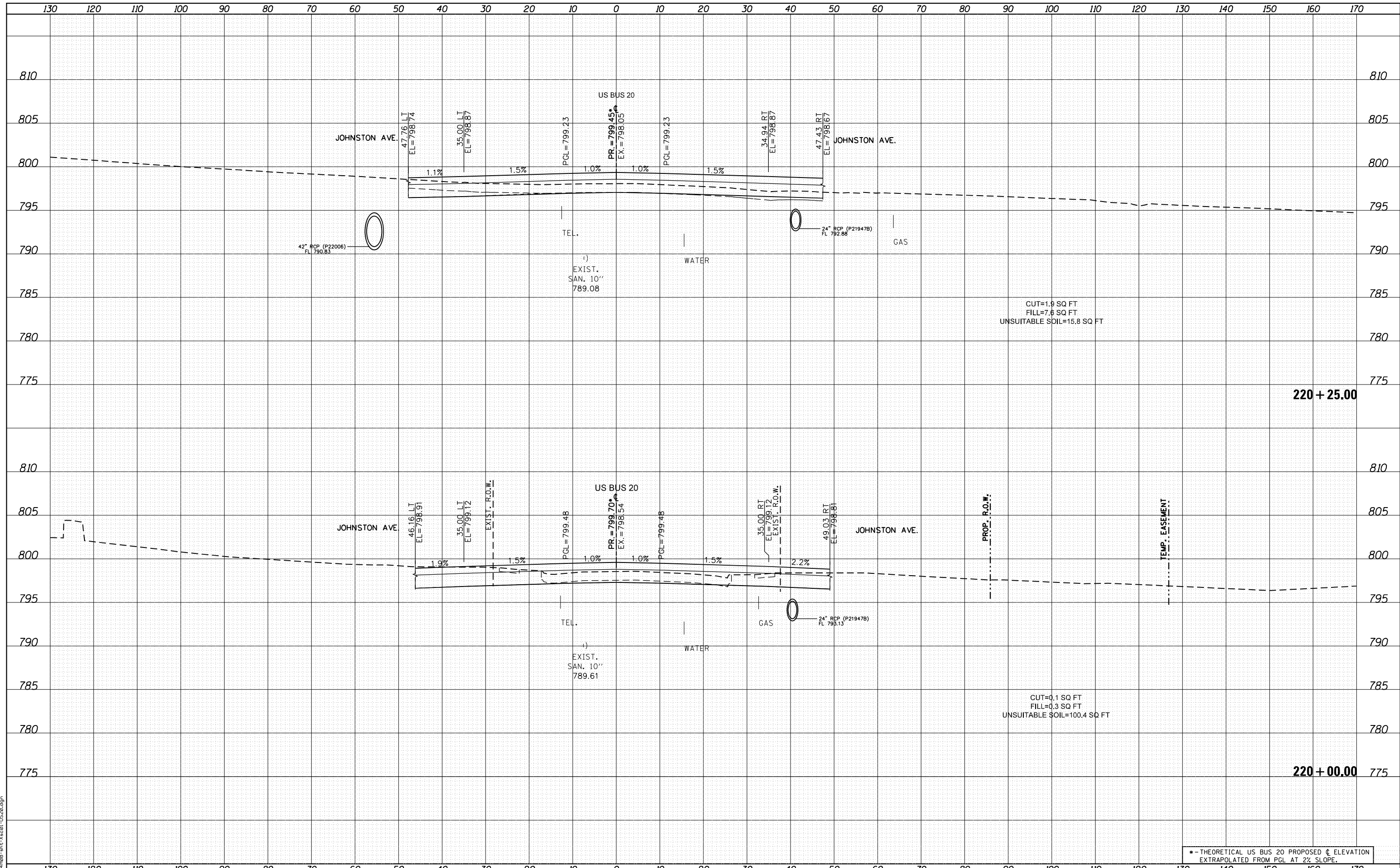
CROSS SECTIONS
 WEST STATE STREET (US BUS 20)
 SCALE: 1"=10'H/1"=5'V SHEET 15 OF 66 SHEETS STA. 219+50.00 TO STA. 219+75.00

*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	267
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = D264408-1ht-3x30-1-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

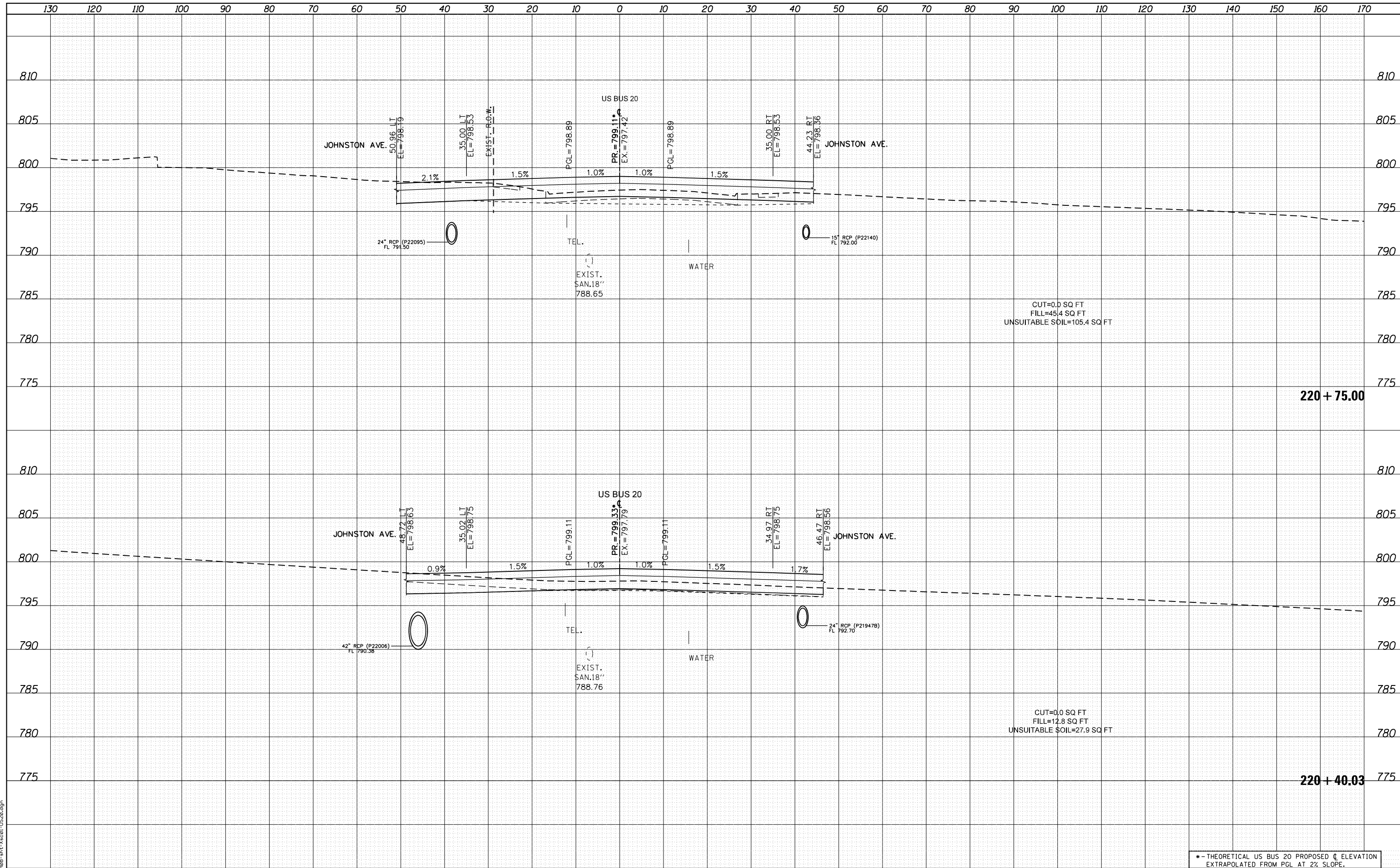
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 16 OF 66 SHEETS
STA. 220+00.00 TO STA. 220+25.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	268
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = D264408-1st-3x5-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISIED -
	DRAWN - MXF	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISIED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

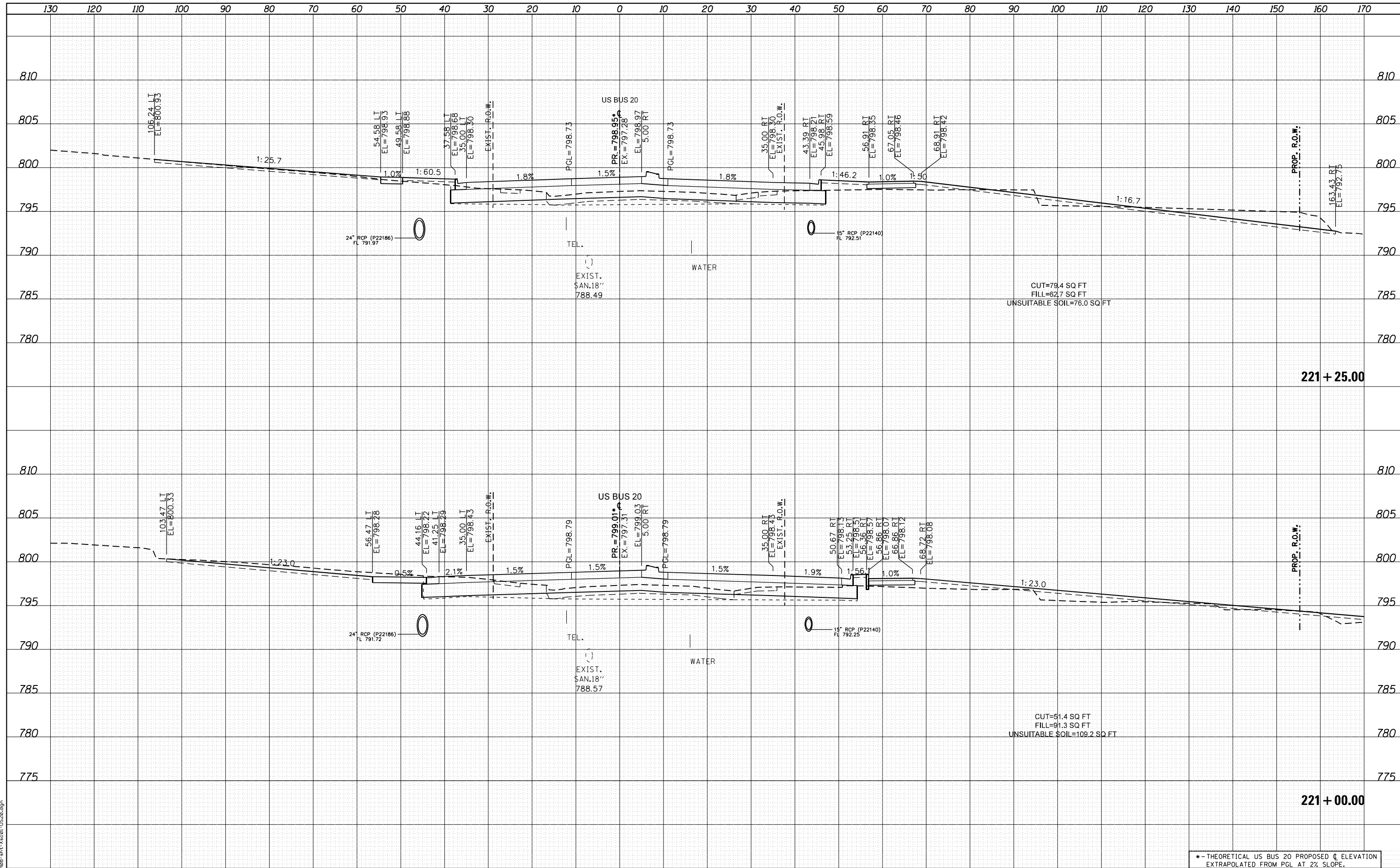
**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

SCALE: 1"=10'H/1"=5'V SHEET 17 OF 66 SHEETS STA. 220+40.03 TO STA. 220+75.00

*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	269
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = D264408-1st-3x201-1520.dgn



USER NAME =	EtzvilleE
DESIGNED -	MXF
DRAWN -	MXF
CHECKED -	MJM
DATE -	08/10/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

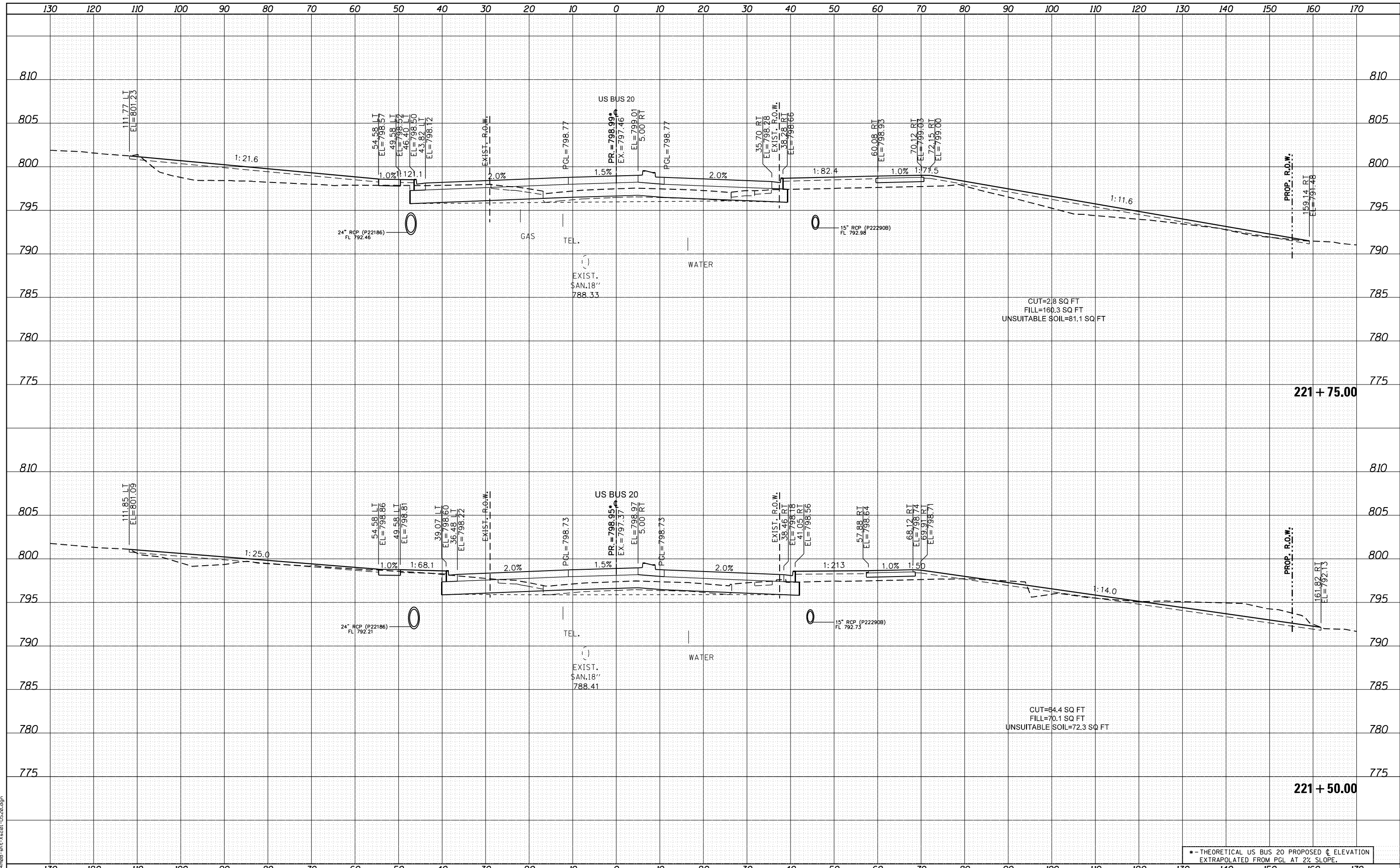
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 18 OF 66 SHEETS
STA. 221+00.00 TO STA. 221+25.00	

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	270
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = D264408-ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

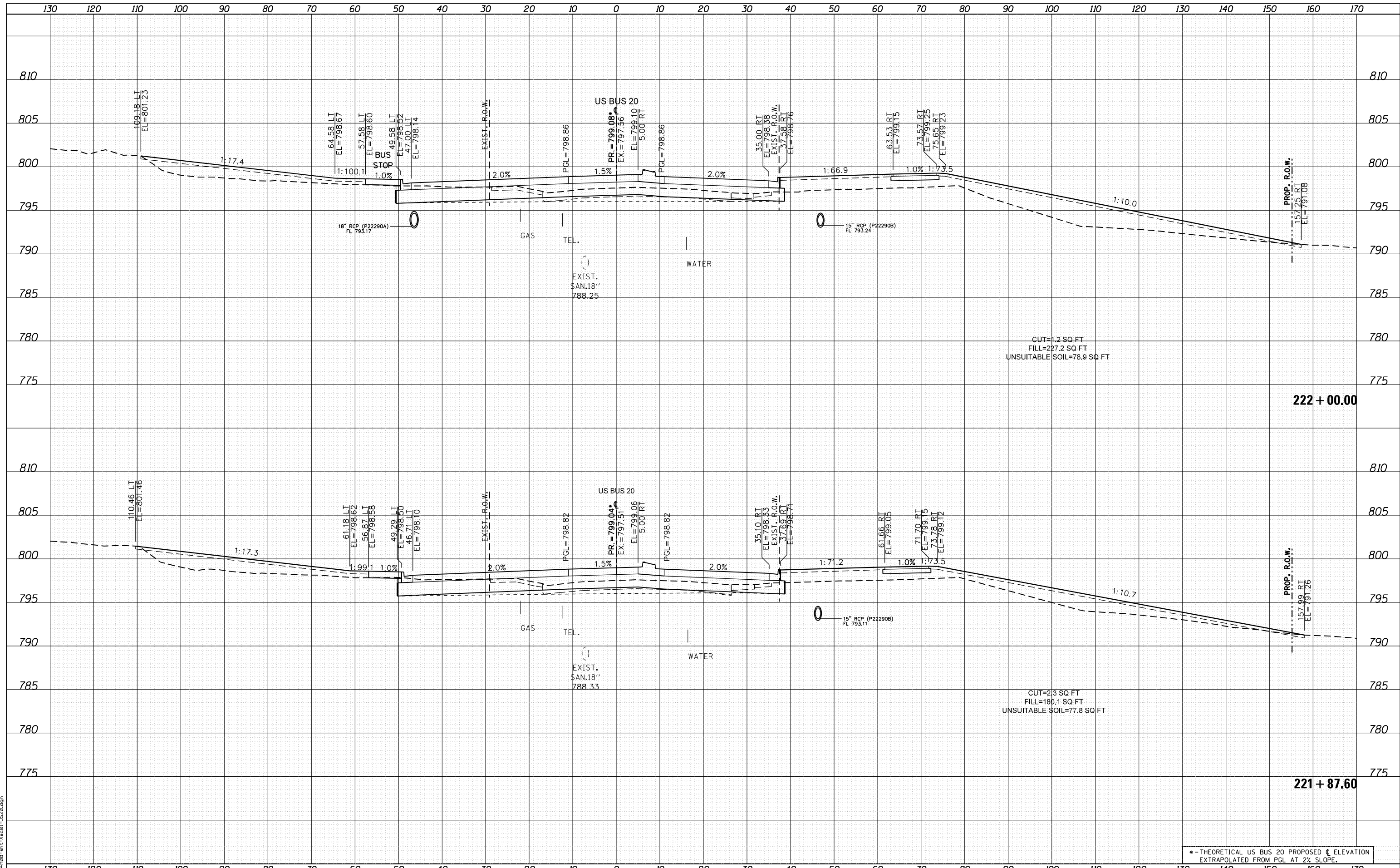
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 19 OF 66 SHEETS
STA. 221+50.00	TO STA. 221+75.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	271
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1st-3x201-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

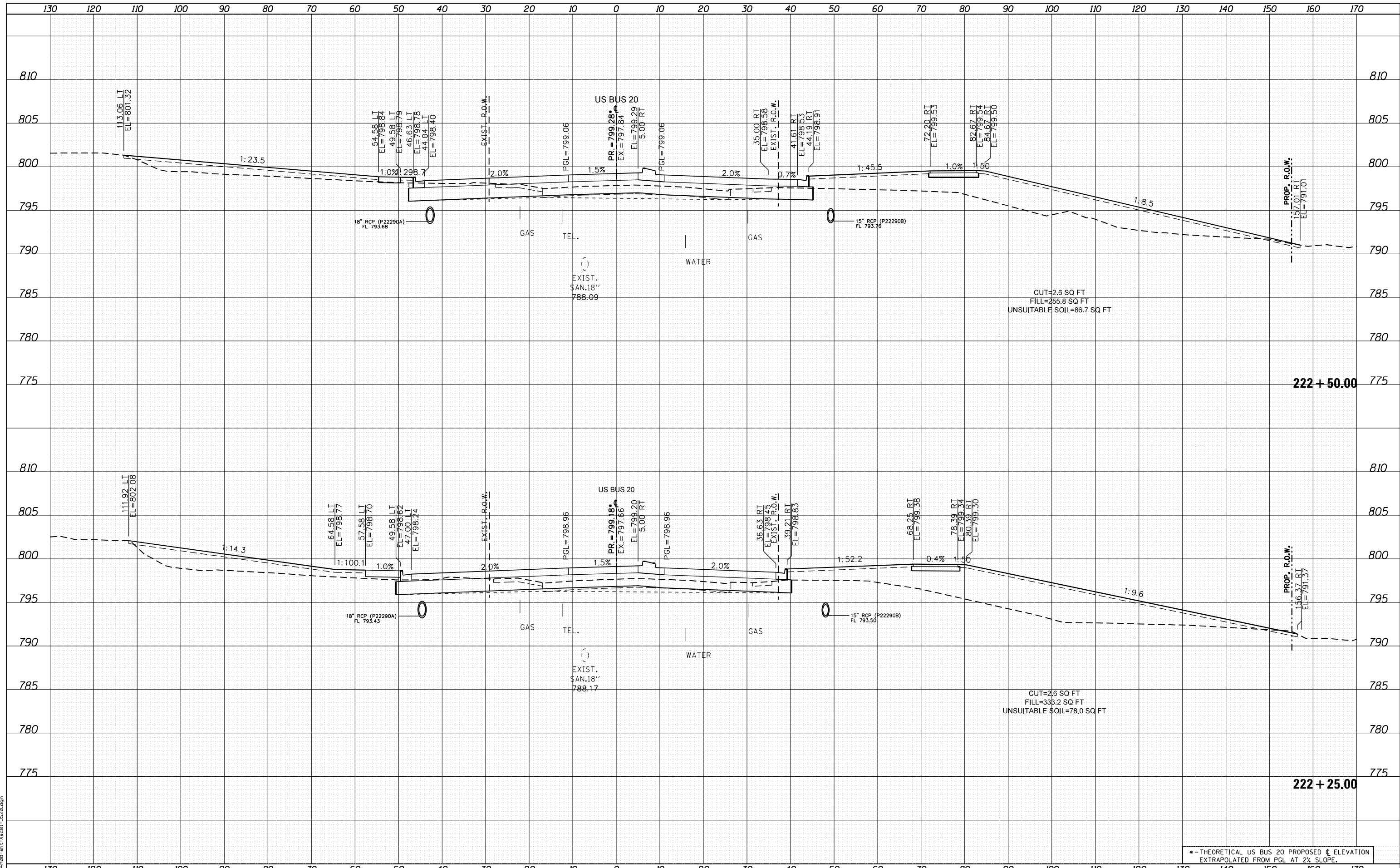
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 20 OF 66 SHEETS
STA. 221+87.60	TO STA. 222+00.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	272
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = D264408-ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

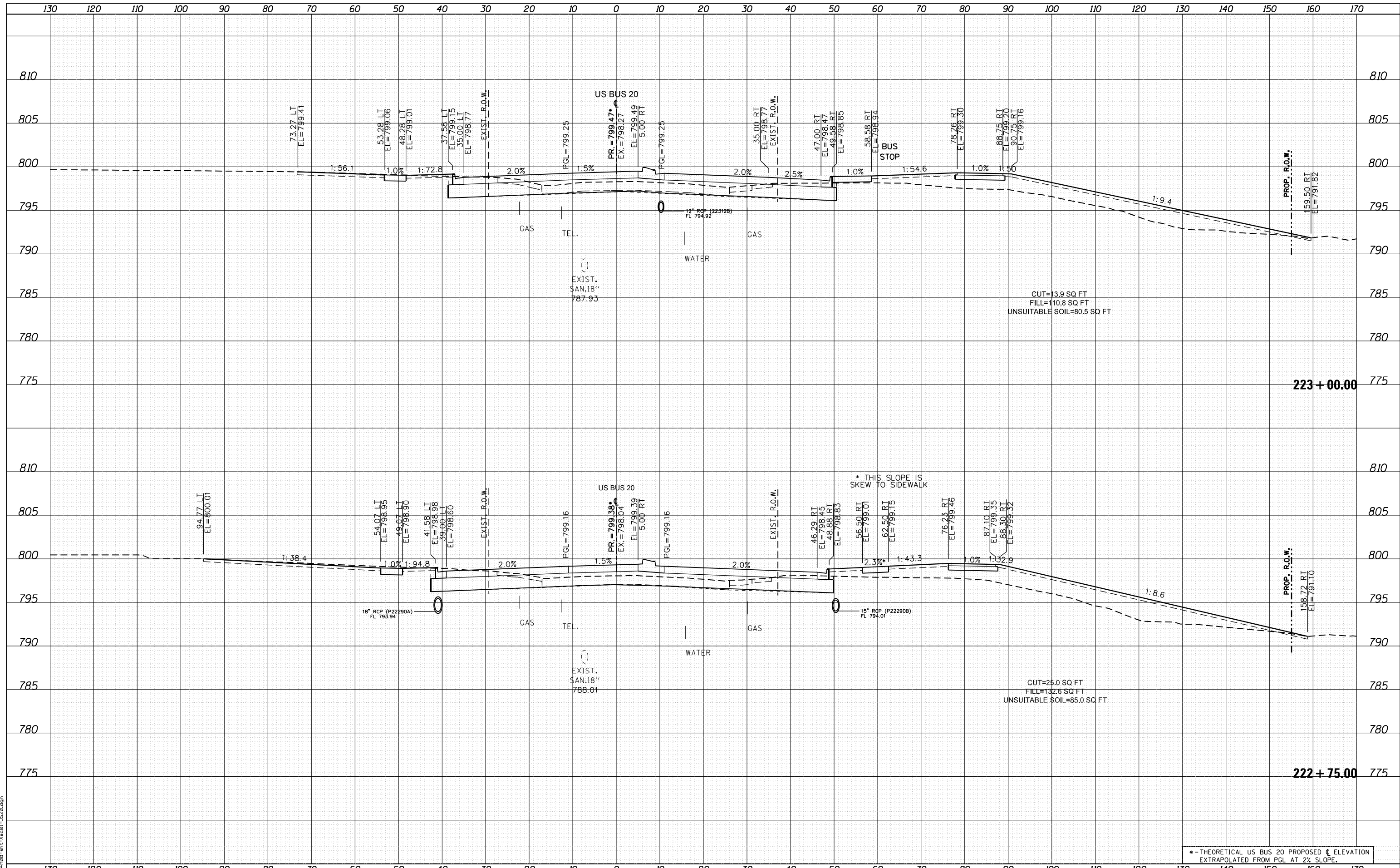
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 21 OF 66 SHEETS
STA. 222+25.00	TO STA. 222+50.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	273
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

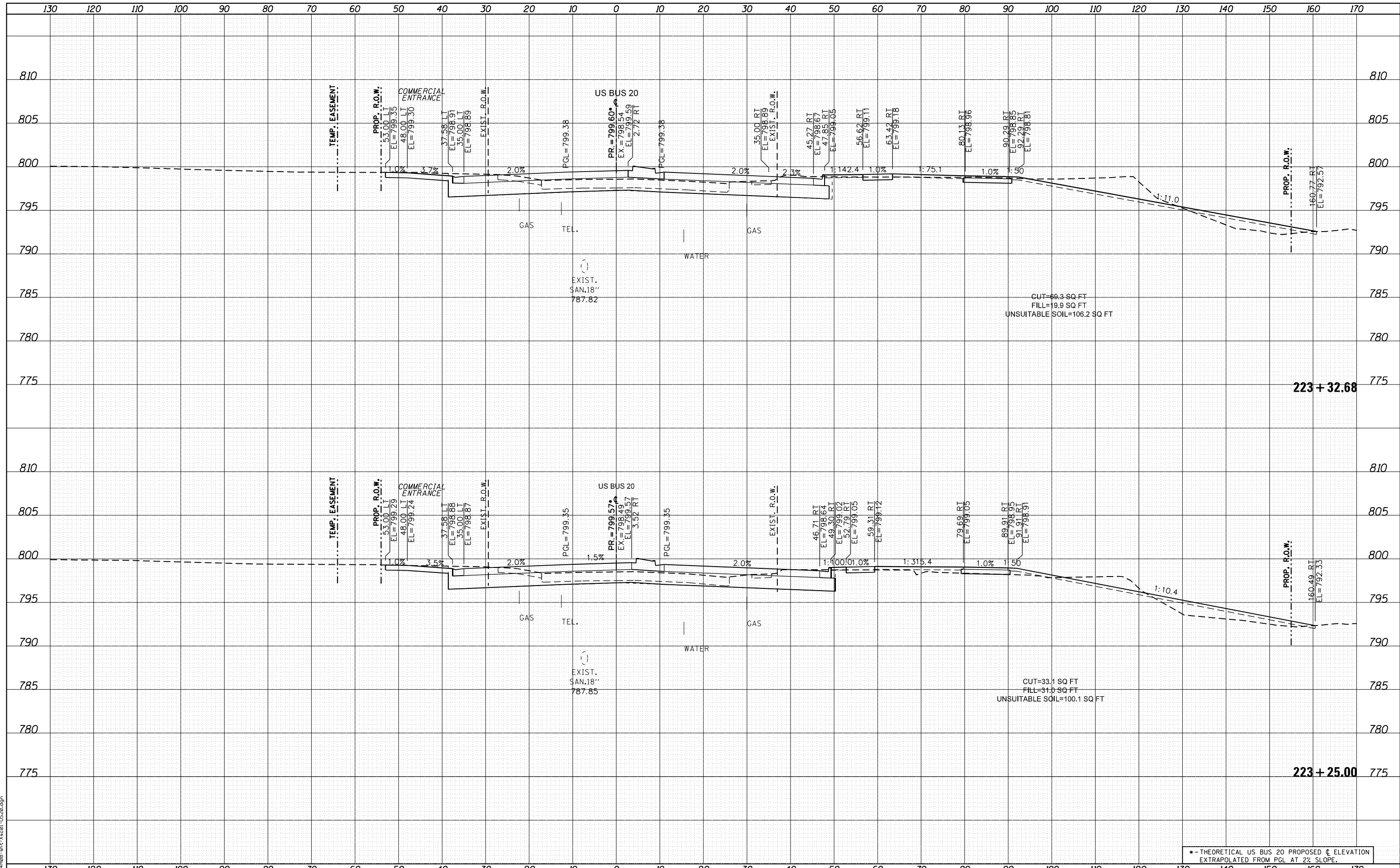
CROSS SECTIONS WEST STATE STREET (US BUS 20)			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
303	41R-1	WINNEBAGO	339
CONTRACT NO.			
SCALE: 1"=10'H/1"=5'V SHEET 22 OF 66 SHEETS STA. 222+75.00 TO STA. 223+00.00			

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.			
ILLINOIS FED. AID PROJECT			

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1ht-3x201-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED C ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - MXF	REVISED -
PLOT DATE = 8/12/2020	CHECKED - MJM	REVISED -
	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

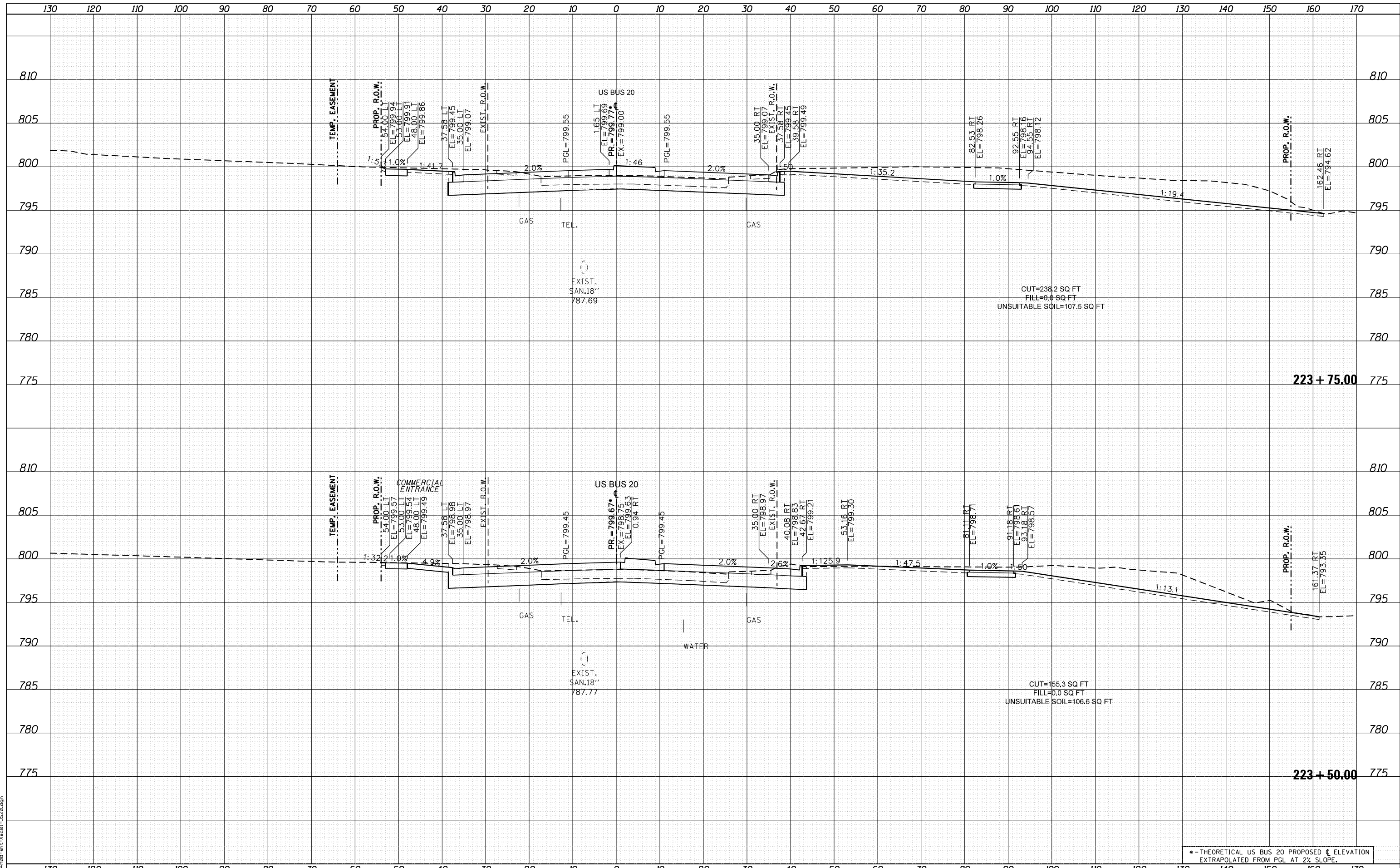
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE.	SECTION
303	41R-1
SCALE: 1"=10'H/1"=5'V SHEET 23 OF 66 SHEETS STA. 223+25.00 TO STA. 223+32.68	

COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	339	275
CONTRACT NO.		
ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

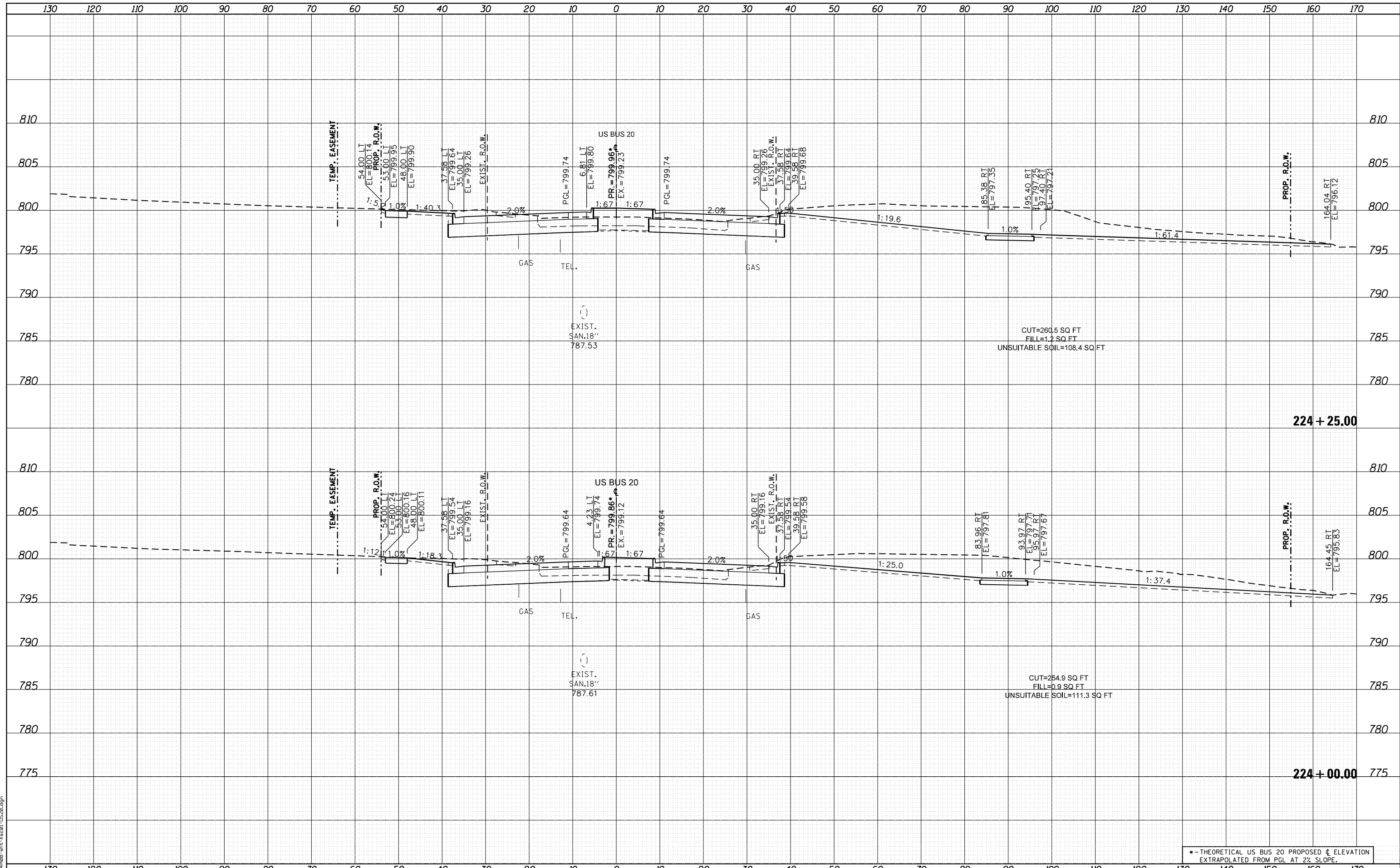
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE. 303	SECTION 41R-1
SCALE: 1"=10'H/1"=5'V	SHEET 24 OF 66 SHEETS
STA. 223+50.00 TO STA. 223+75.00	

*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	276
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = D264408-1ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

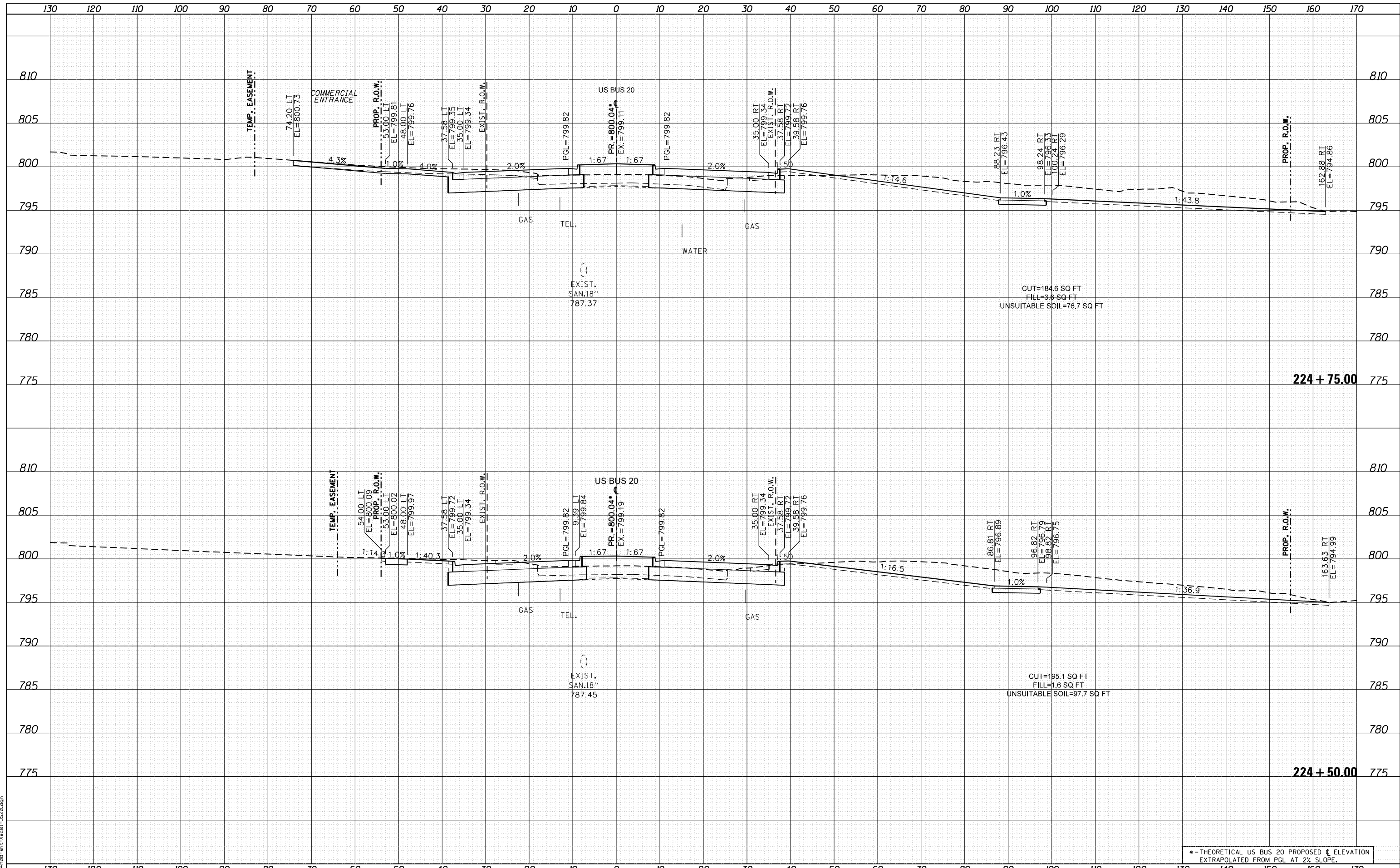
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 25 OF 66 SHEETS
STA. 224+00.00	TO STA. 224+25.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	277
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

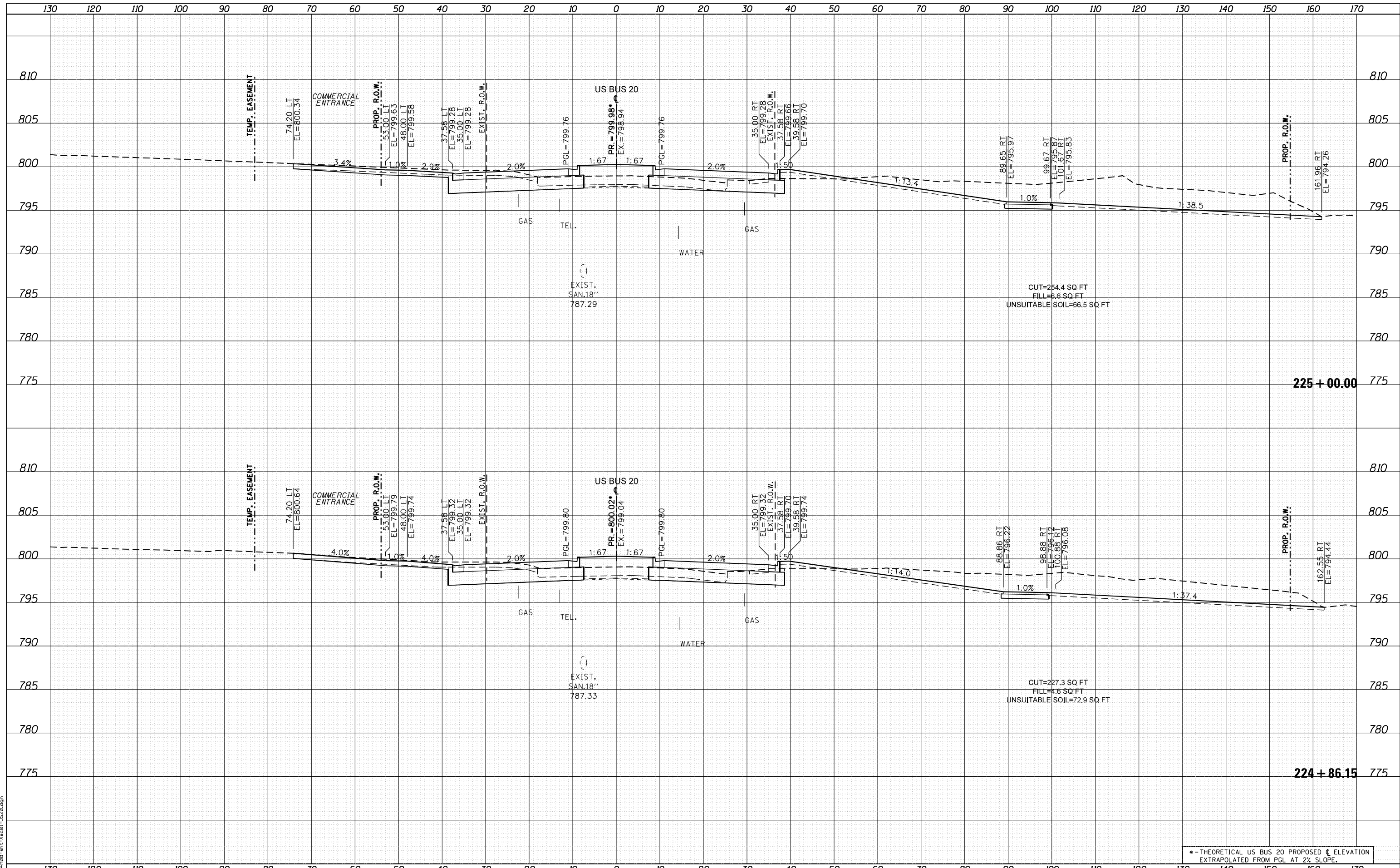
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 26 OF 66 SHEETS
STA. 224+50.00	TO STA. 224+75.00

*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	278
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = D264408-1st-3x20-1-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED C ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

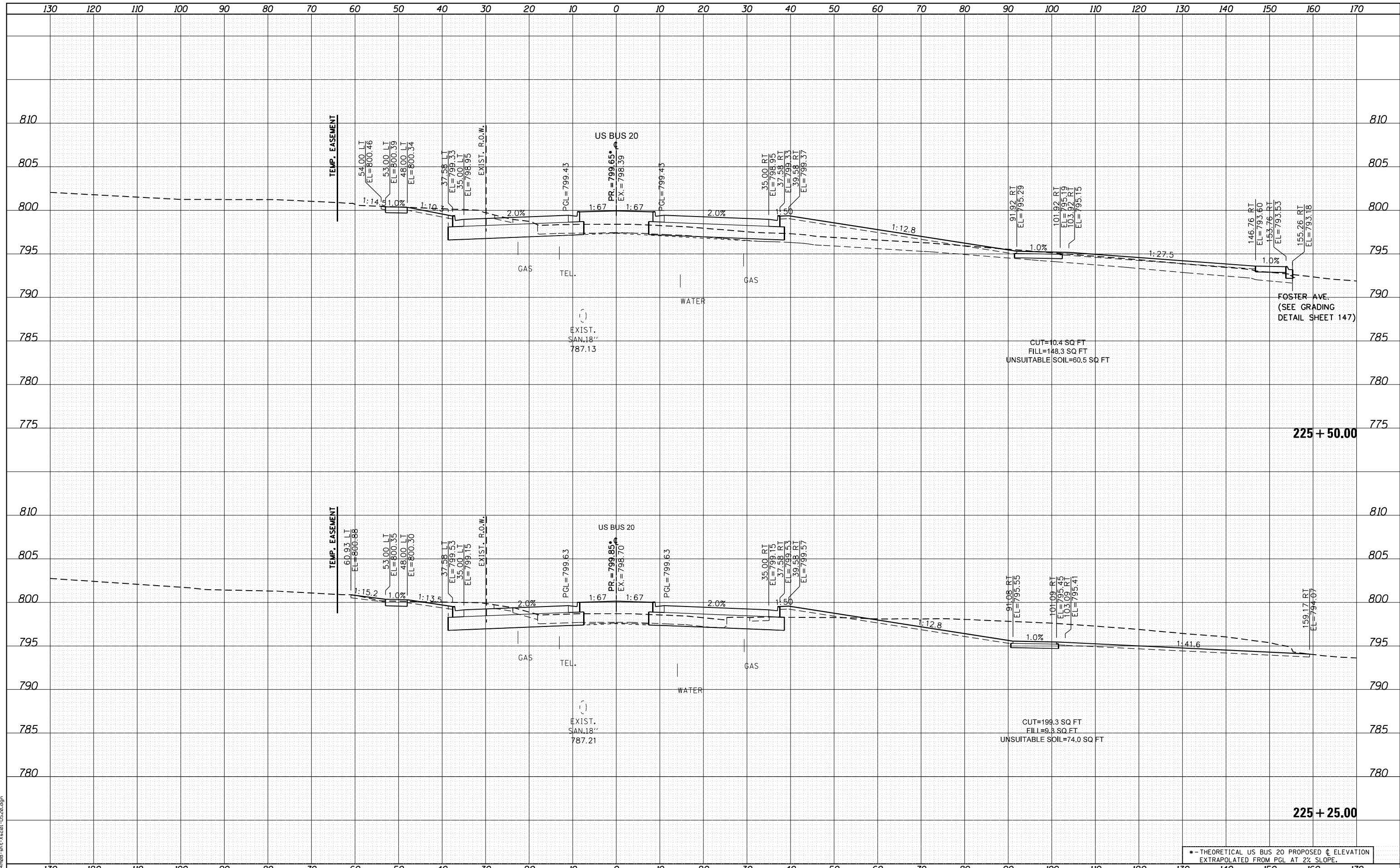
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 27 OF 66 SHEETS
STA. 224+86.15	TO STA. 225+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	279
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = D264408-1st-3x201-1520.dgn



USER NAME = EtwileE
 DESIGNED - MXF
 DRAWN - MXF
 CHECKED - MJM
 DATE - 08/10/2018

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

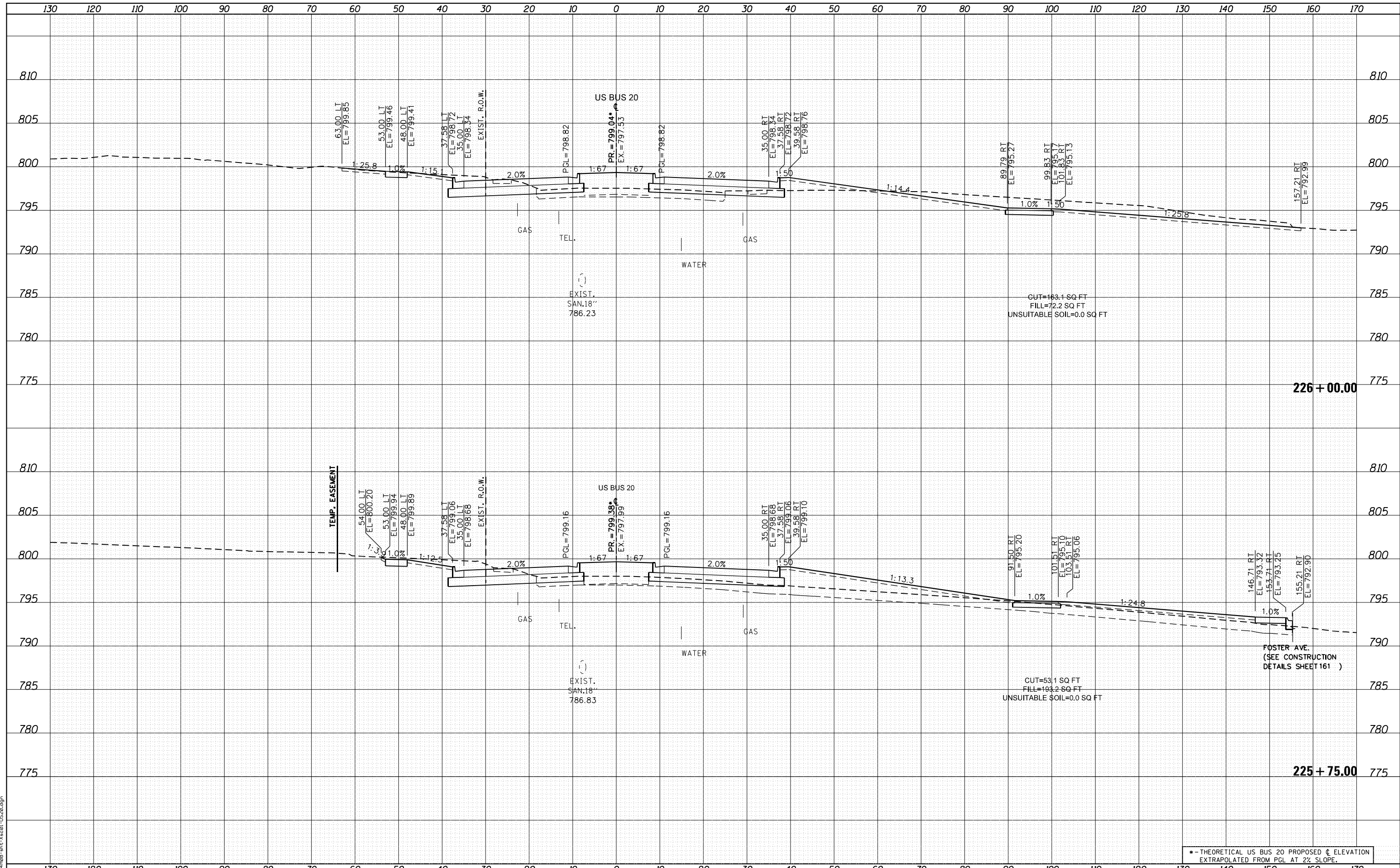
CROSS SECTIONS
 WEST STATE STREET (US BUS 20)
 SCALE: 1"=10'H/1"=5'V SHEET 28 OF 66 SHEETS STA. 225+25.00 TO STA. 225+50.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	280
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1ht-ks-01-US20.dgn



• - THEORETICAL US BUS 20 PROPOSED C ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

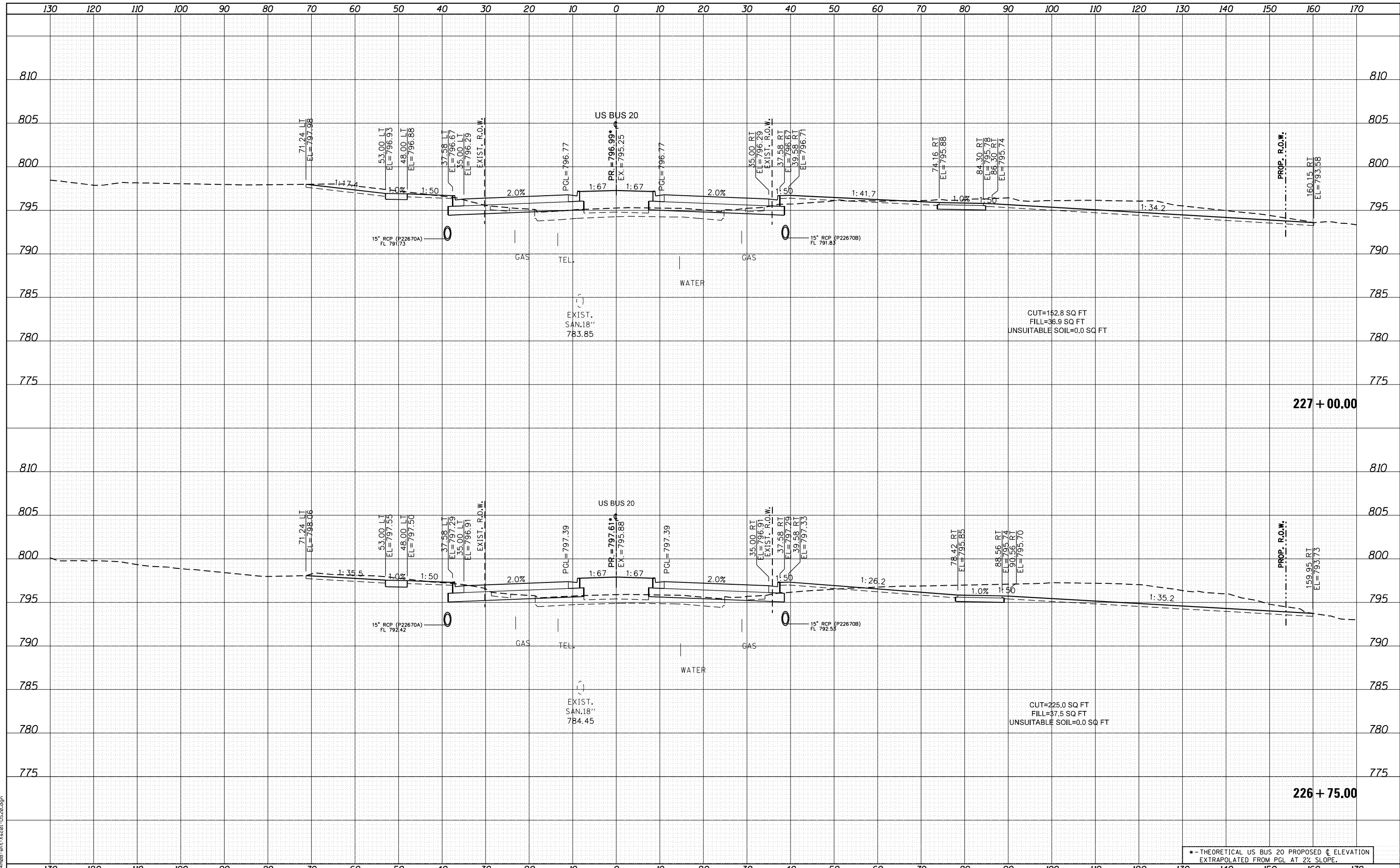
CROSS SECTIONS WEST STATE STREET (US BUS 20)			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
303	41R-1	WINNEBAGO	339
CONTRACT NO.			
SCALE: 1"=10'H/1"=5'V SHEET 29 OF 66 SHEETS STA. 225+75.00 TO STA. 226+00.00			

ILLINOIS FED. AID PROJECT			
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DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1ht-3x201-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WEST STATE STREET (US BUS 20)

SCALE: 1"=10'H/1"=5'V SHEET 31 OF 66 SHEETS STA. 226+75.00 TO STA. 227+00.00

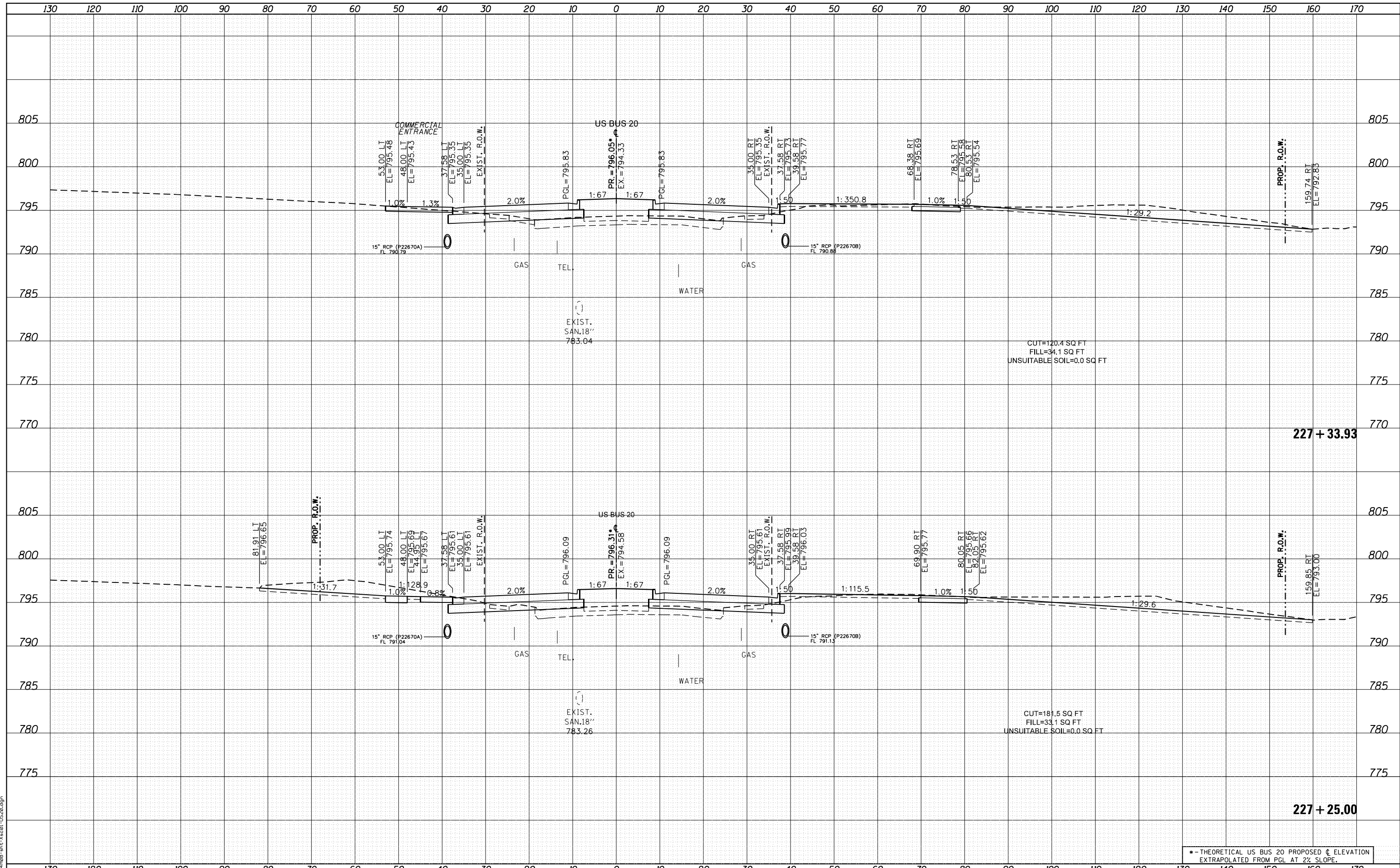
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	283
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = D264408-1ht-3x20-1-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

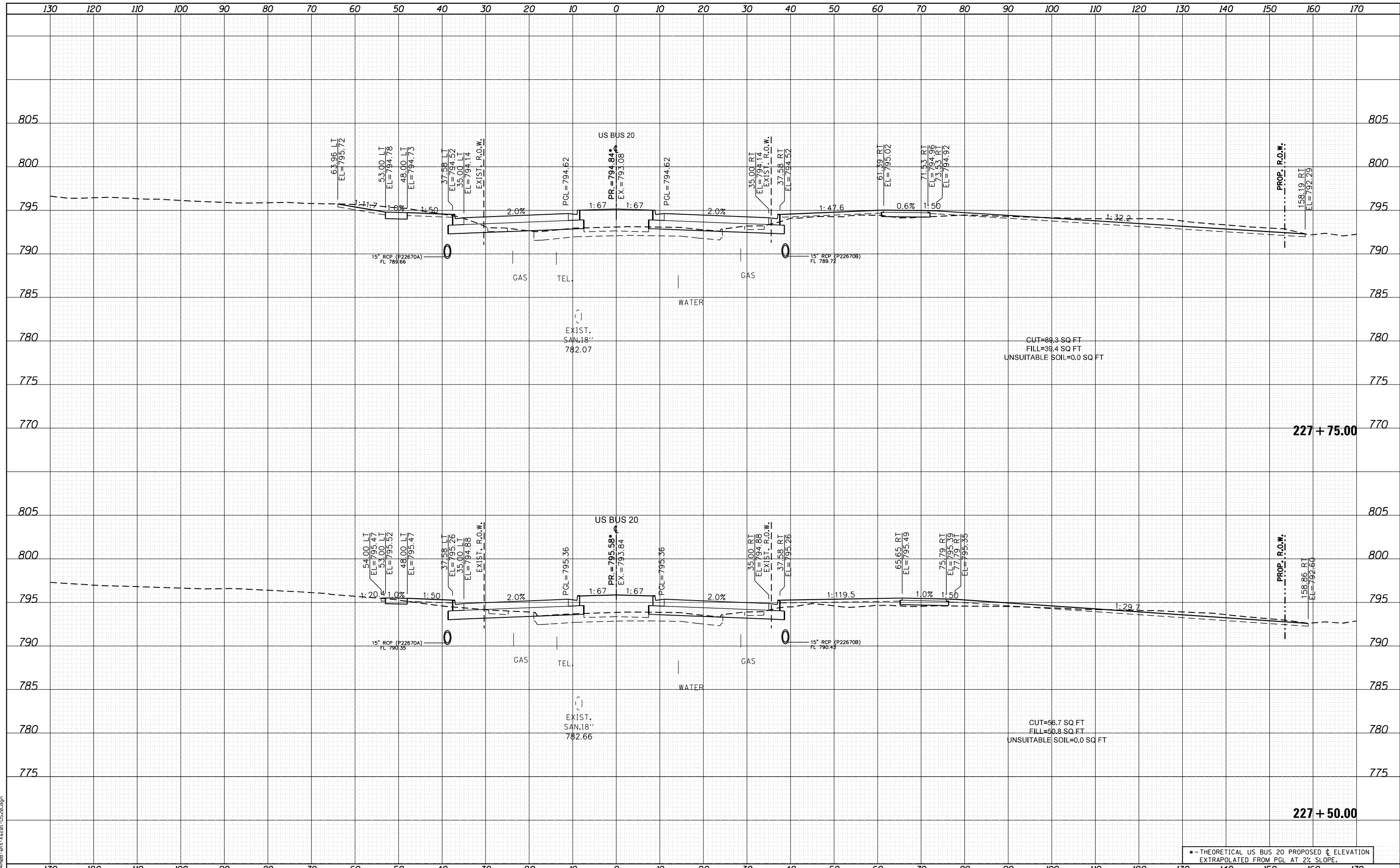
SCALE: 1"=10'H/1"=5'V SHEET 32 OF 66 SHEETS STA. 227+25.00 TO STA. 227+33.93

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	284
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME = D264408-1ht-3x201-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISIED -
	DRAWN - MXF	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISIED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

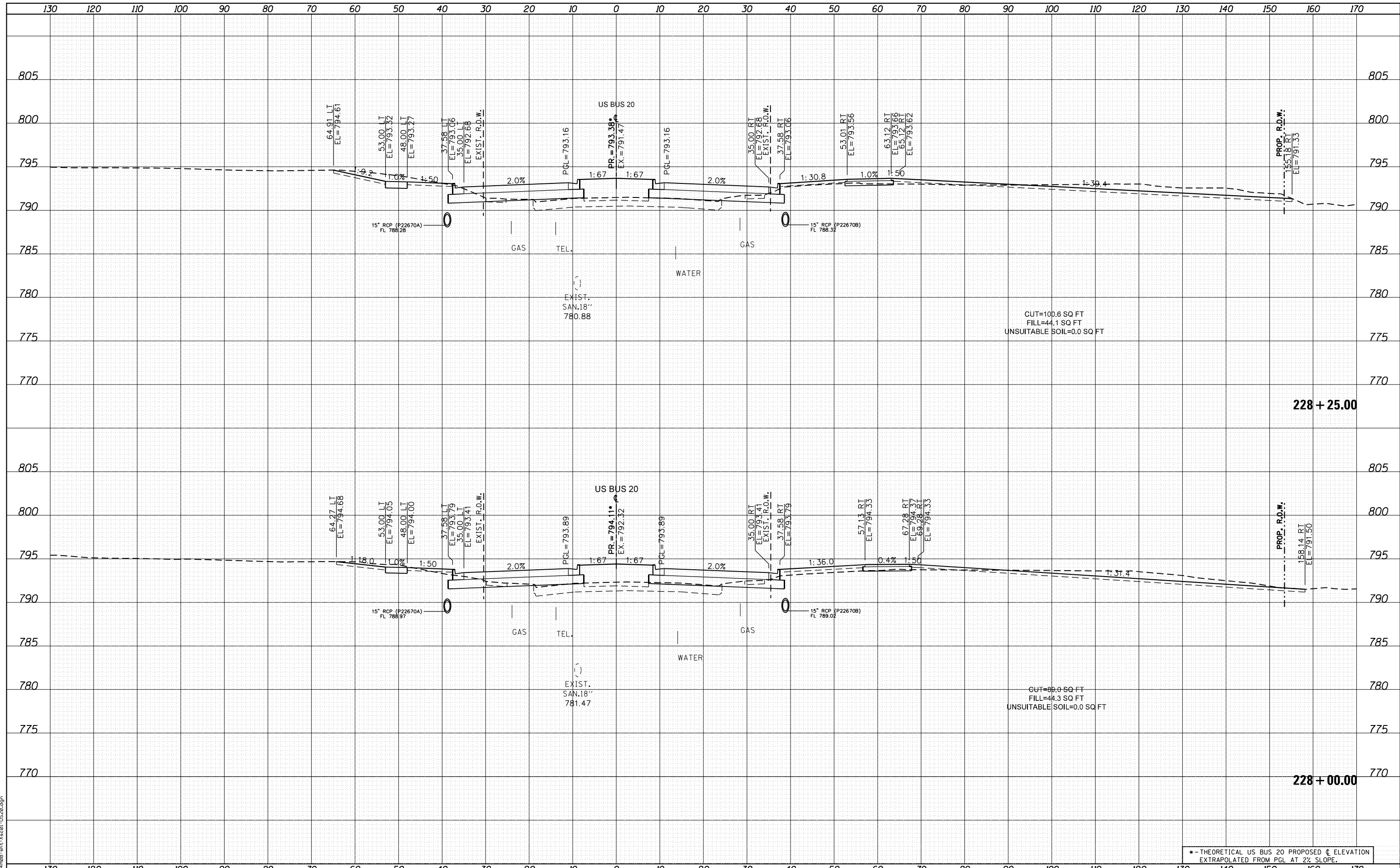
SCALE: 1"=10'H/1"=5'V SHEET 33 OF 66 SHEETS STA. 227+50.00 TO STA. 227+75.00

*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	285
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1st-3x201-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISIED -
	DRAWN - MXF	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISIED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

SCALE: 1"=10'H/1"=5'V SHEET 34 OF 66 SHEETS STA. 228+00.00 TO STA. 228+25.00

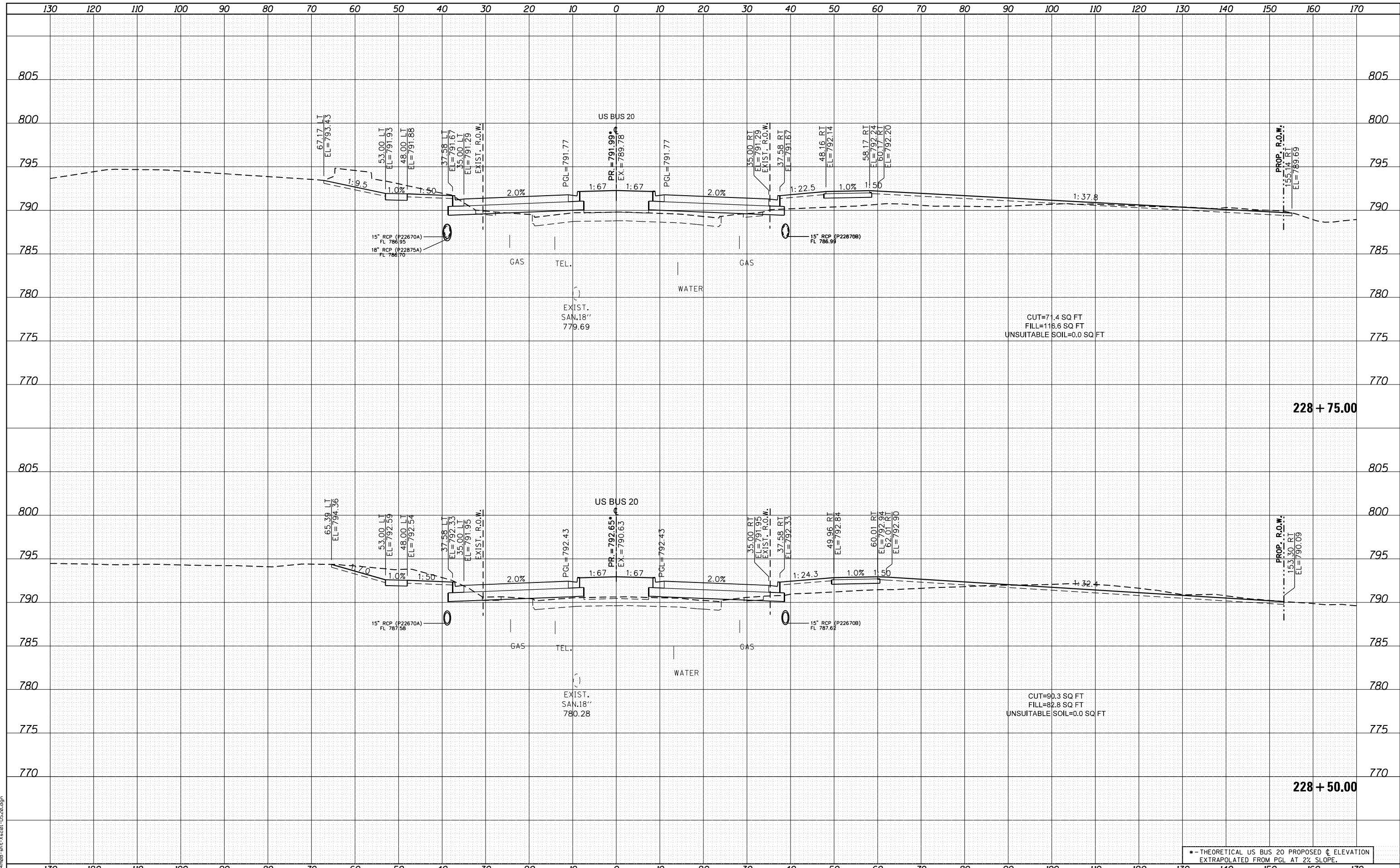
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	286
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = D264408-1ht-3x301-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

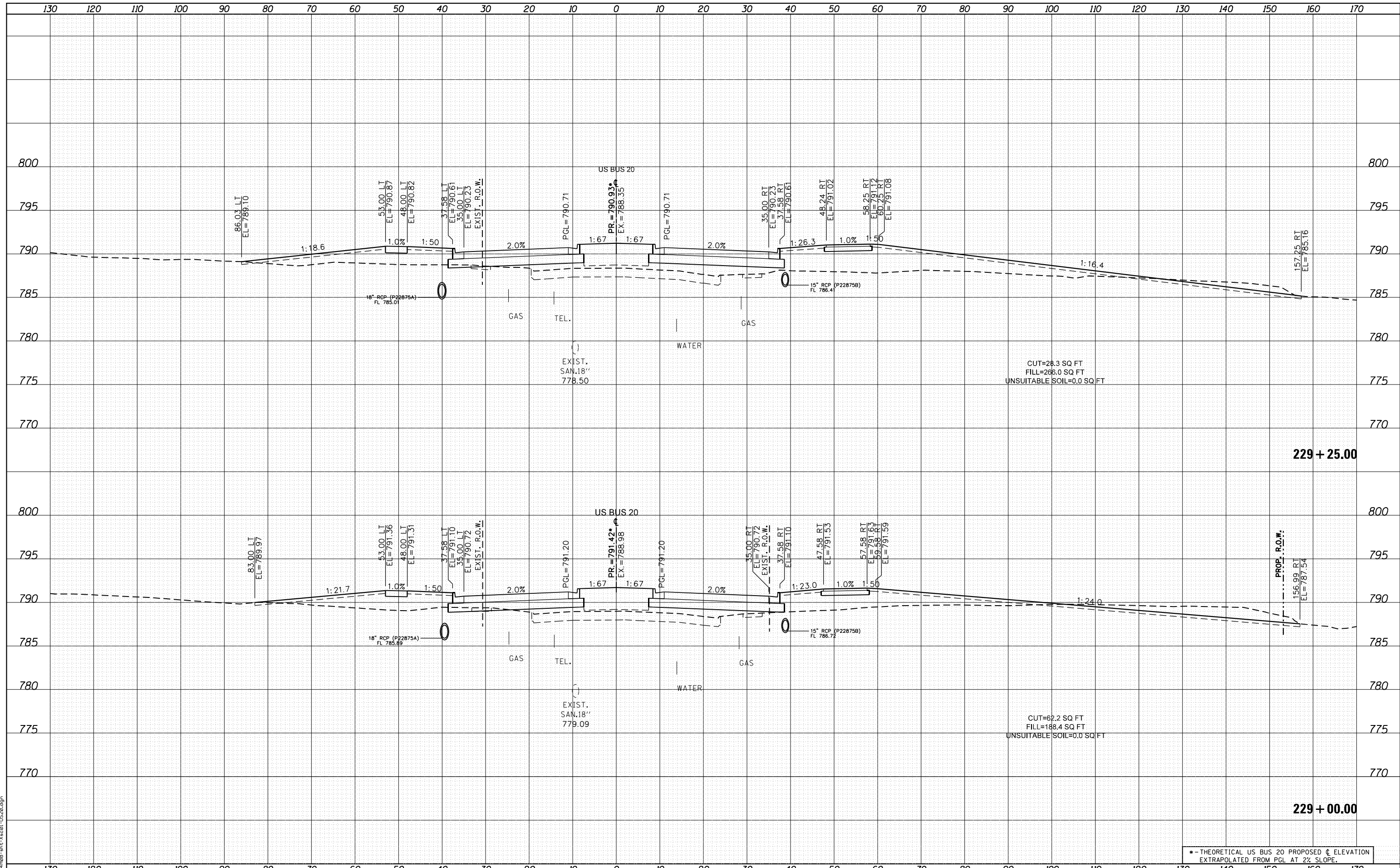
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 35 OF 66 SHEETS
STA. 228+50.00	TO STA. 228+75.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	287
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = D264408-1ht-3x20-1-520.dgn



• - THEORETICAL US BUS 20 PROPOSED \bar{C} ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME =	EtzwieE
DESIGNED -	MXF
DRAWN -	MXF
CHECKED -	MJM
DATE -	08/10/2018
PLOT SCALE =	20.0000' / in.
PLOT DATE =	8/12/2020

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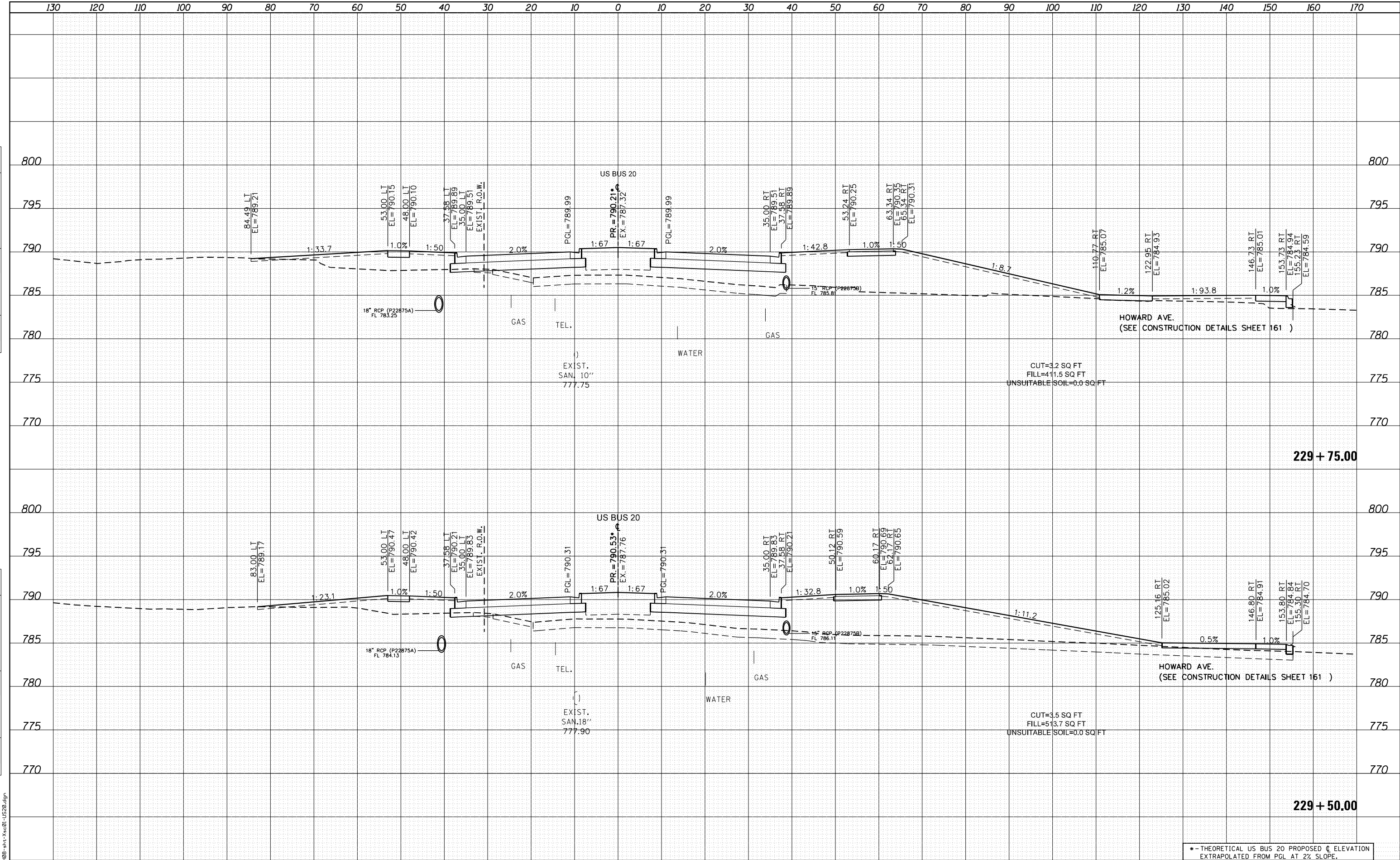
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 36 OF 66 SHEETS
STA. 229+00.00 TO STA. 229+25.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	288
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED	
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REVISION	
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REVISION	
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BY	
REVISION	
DATE	



FILE NAME = D:\264408\1\11\1\2018\1\2018.dgn



USER NAME = EtzwileE	DESIGNED - MXF	REvised -
PLOT SCALE = 20.0000 ' / in.	DRAWN - MXF	REvised -
PLOT DATE = 8/12/2020	CHECKED - MJM	REvised -
	DATE - 08/10/2018	REvised -

DESIGNED - MXF	REvised -
DRAWN - MXF	REvised -
CHECKED - MJM	REvised -
DATE - 08/10/2018	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS WEST STATE STREET (US BUS 20)		
F.A. RTE.	SECTION	COUNTY
303	41R-1	WINNEBAGO
SCALE: 1"=10'H/1"=5'V		TOTAL SHEETS 339
SHEET 37 OF 66 SHEETS	STA. 229+50.00 TO STA. 229+75.00	SHEET NO. 289
ILLINOIS FED. AID PROJECT		

*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.

229 + 75.00

229 + 50.00

HOWARD AVE.
(SEE CONSTRUCTION DETAILS SHEET 161)

HOWARD AVE.
(SEE CONSTRUCTION DETAILS SHEET 161)

CUT=3.2 SQ FT
FILL=411.5 SQ FT
UNSUITABLE SOIL=0.0 SQ FT

CUT=3.5 SQ FT
FILL=513.7 SQ FT
UNSUITABLE SOIL=0.0 SQ FT

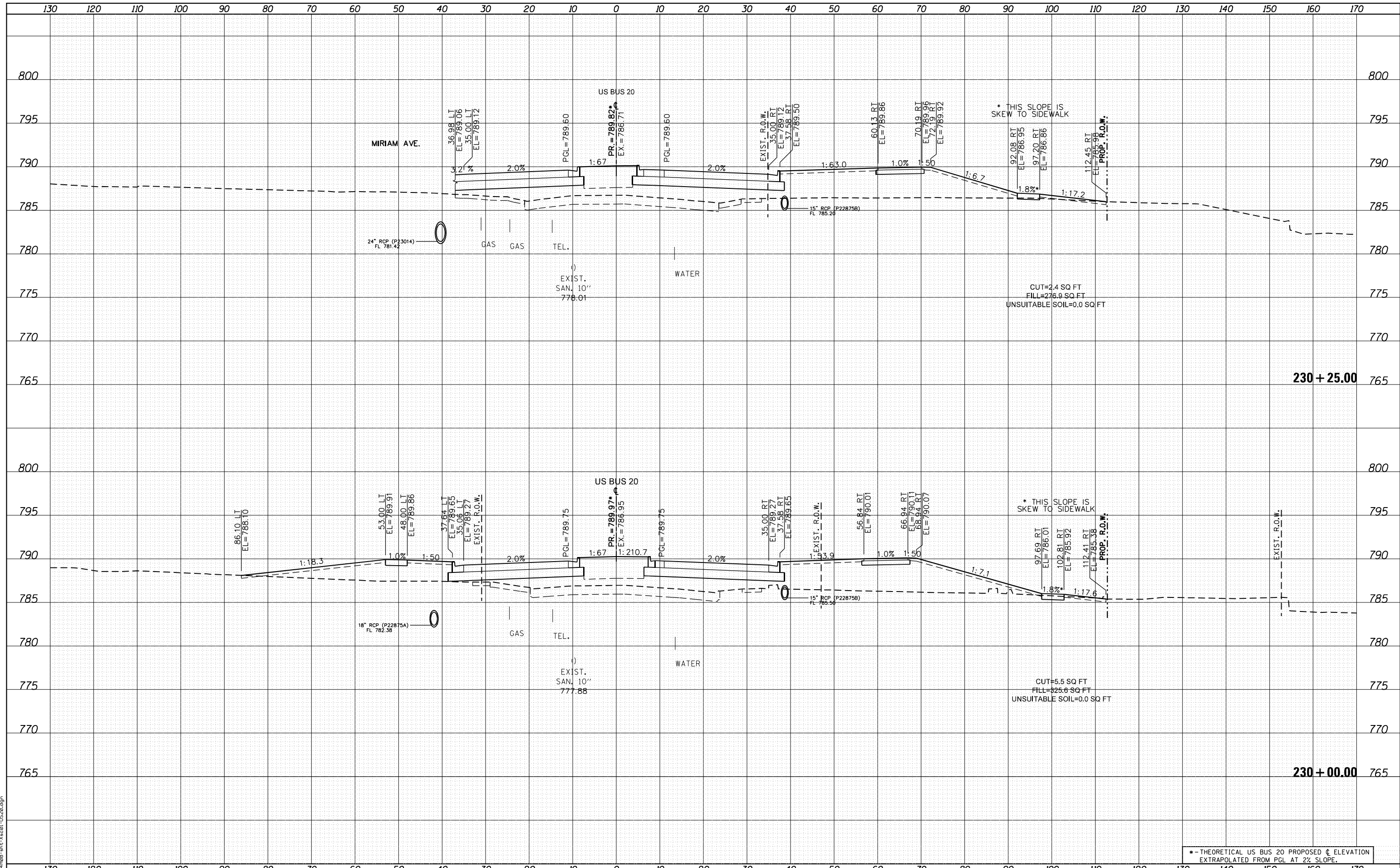
EXIST. SAN. 10"
777.75

EXIST. SAN. 18"
777.90

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1ht-3x201-1520.dgn



*-- THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwzleE	DESIGNED - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - MXF	REVISED -
PLOT DATE = 8/12/2020	CHECKED - MJM	REVISED -
	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

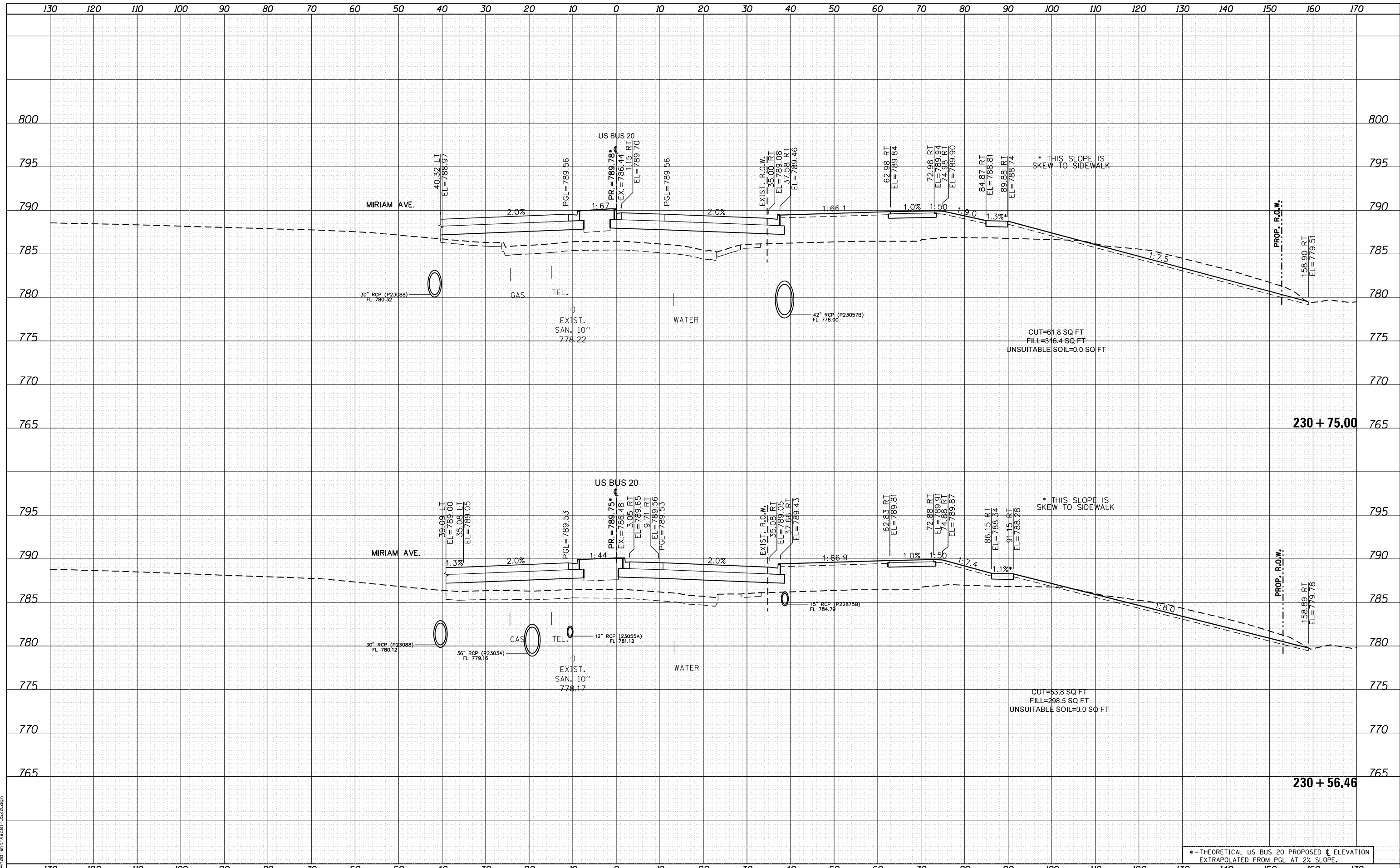
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE. 303	SECTION 41R-1
COUNTY WINNEBAGO	TOTAL SHEETS 339
SHEET 38 OF 66 SHEETS	
STA. 230+00.00 TO STA. 230+25.00	

CONTRACT NO.	SHEET NO. 290
ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1st-3x50-1-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

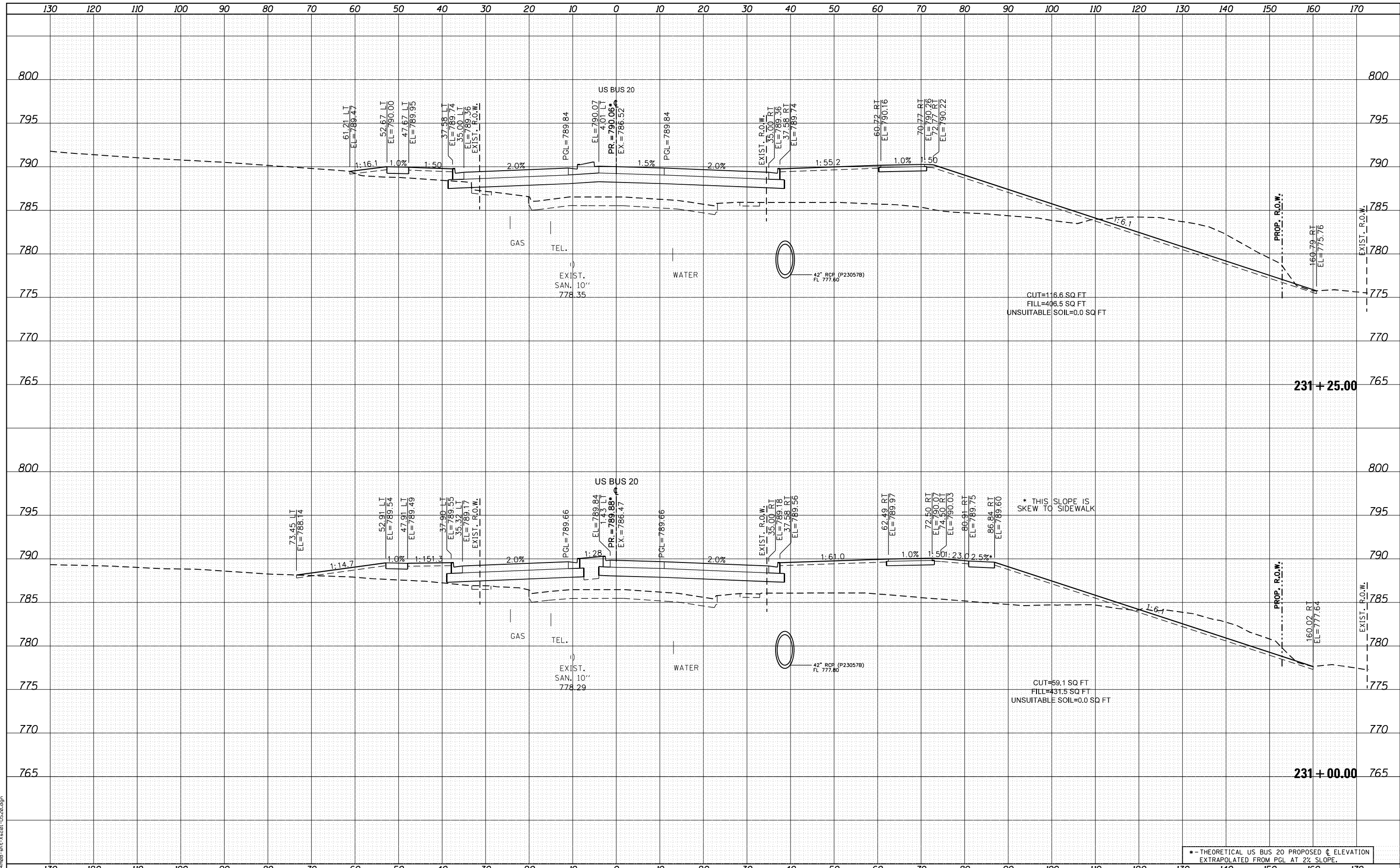
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE.	SECTION
303	41R-1
SCALE: 1"=10'H/1"=5'V SHEET 39 OF 66 SHEETS STA. 230+56.46 TO STA. 230+75.00	

COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	339	291
CONTRACT NO.		
ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1ht-ks-01-US20.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - MXF	REVISED -
PLOT DATE = 8/12/2020	CHECKED - MJM	REVISED -
	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST STATE STREET (US BUS 20)**

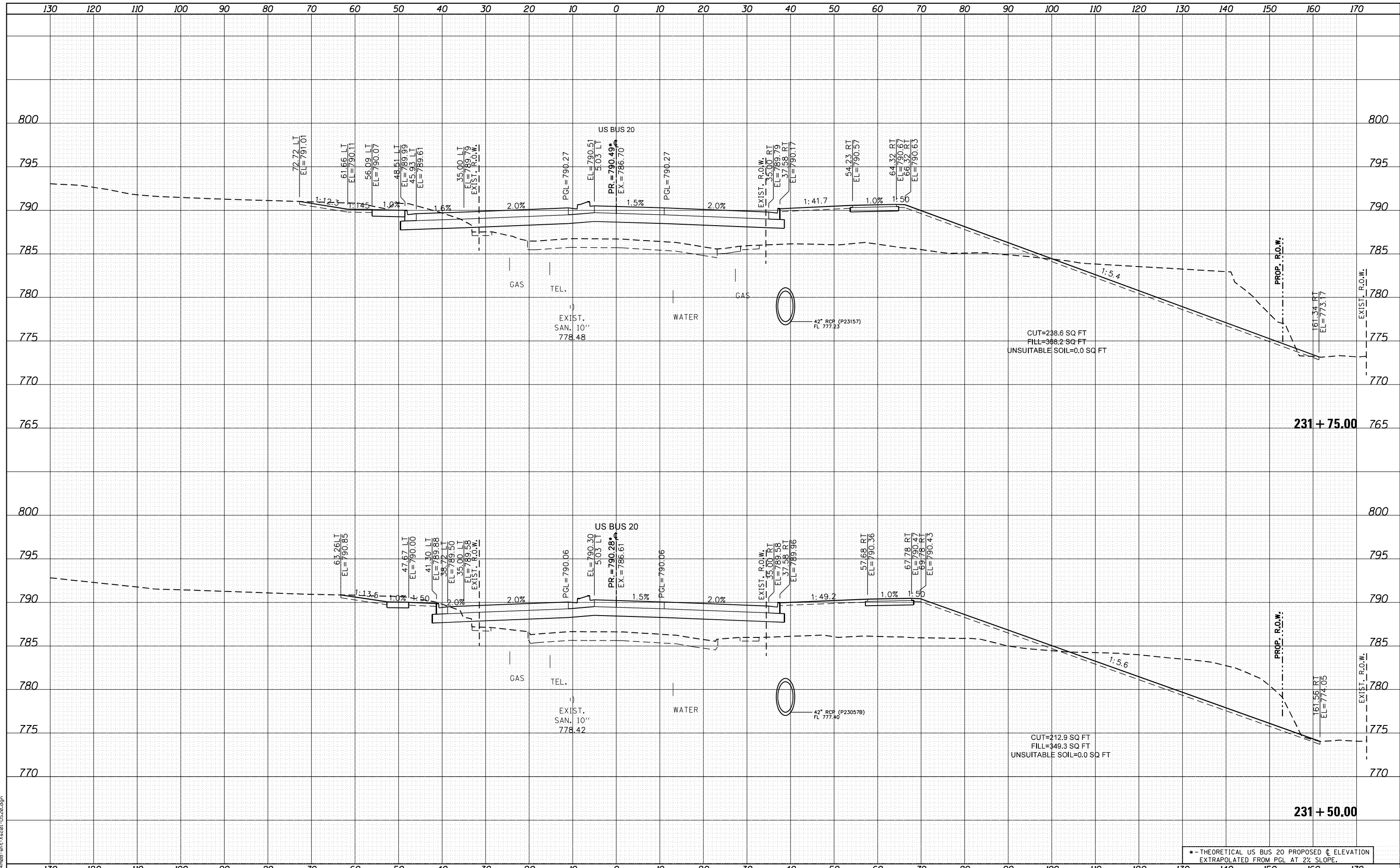
SCALE: 1"=10'H/1"=5'V SHEET 40 OF 66 SHEETS STA. 231+00.00 TO STA. 231+25.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	292
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = D264408-1ht-3x201-1520.dgn



• - THEORETICAL US BUS 20 PROPOSED C ELEVATION
 * - EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - MXF	REVISED -
PLOT DATE = 8/12/2020	CHECKED - MJM	REVISED -
	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

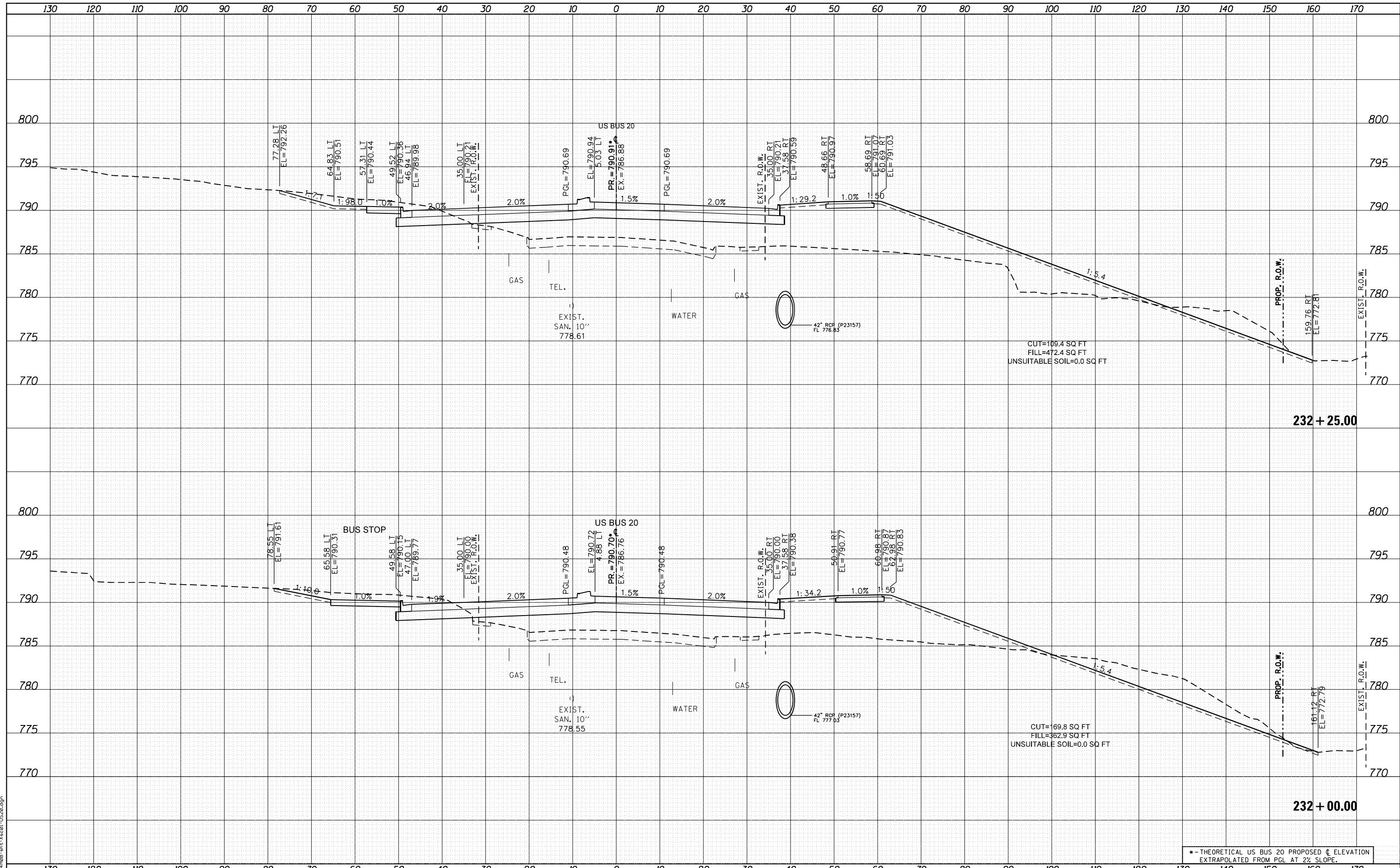
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE. 303	SECTION 41R-1
SCALE: 1"=10'H/1"=5'V SHEET 41 OF 66 SHEETS STA. 231+50.00 TO STA. 231+75.00	

COUNTY WINNEBAGO	TOTAL SHEETS 339	SHEET NO. 293
CONTRACT NO.		
ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1ht-ks-01-US20.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

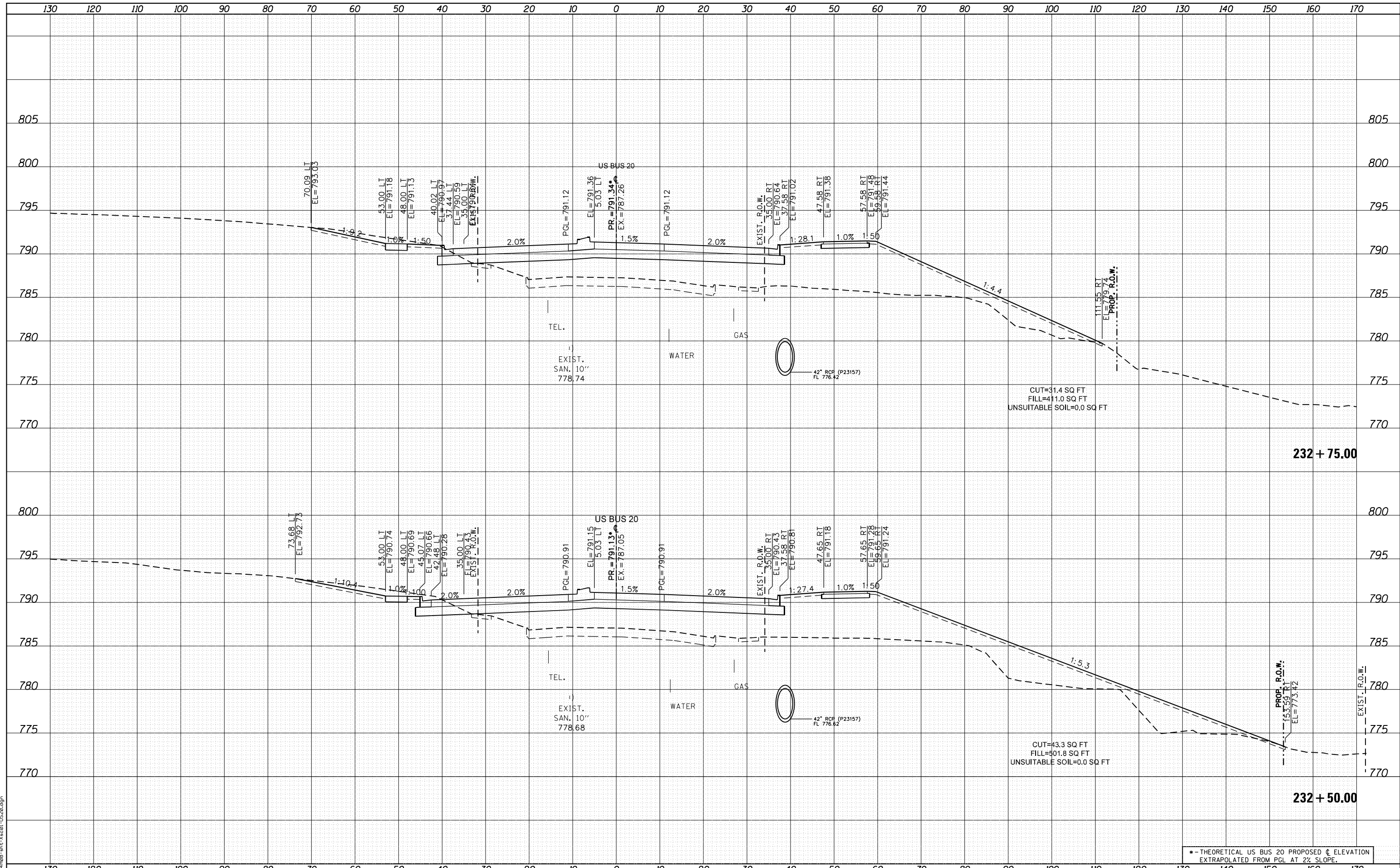
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
F.A. RTE.	SECTION
303	41R-1
SCALE: 1"=10'H/1"=5'V SHEET 42 OF 66 SHEETS STA. 232+00.00 TO STA. 232+25.00	

COUNTY	TOTAL SHEETS	SHEET NO.
WINNEBAGO	339	294
CONTRACT NO.		
ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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

FILE NAME = D264408-1st-3x201-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

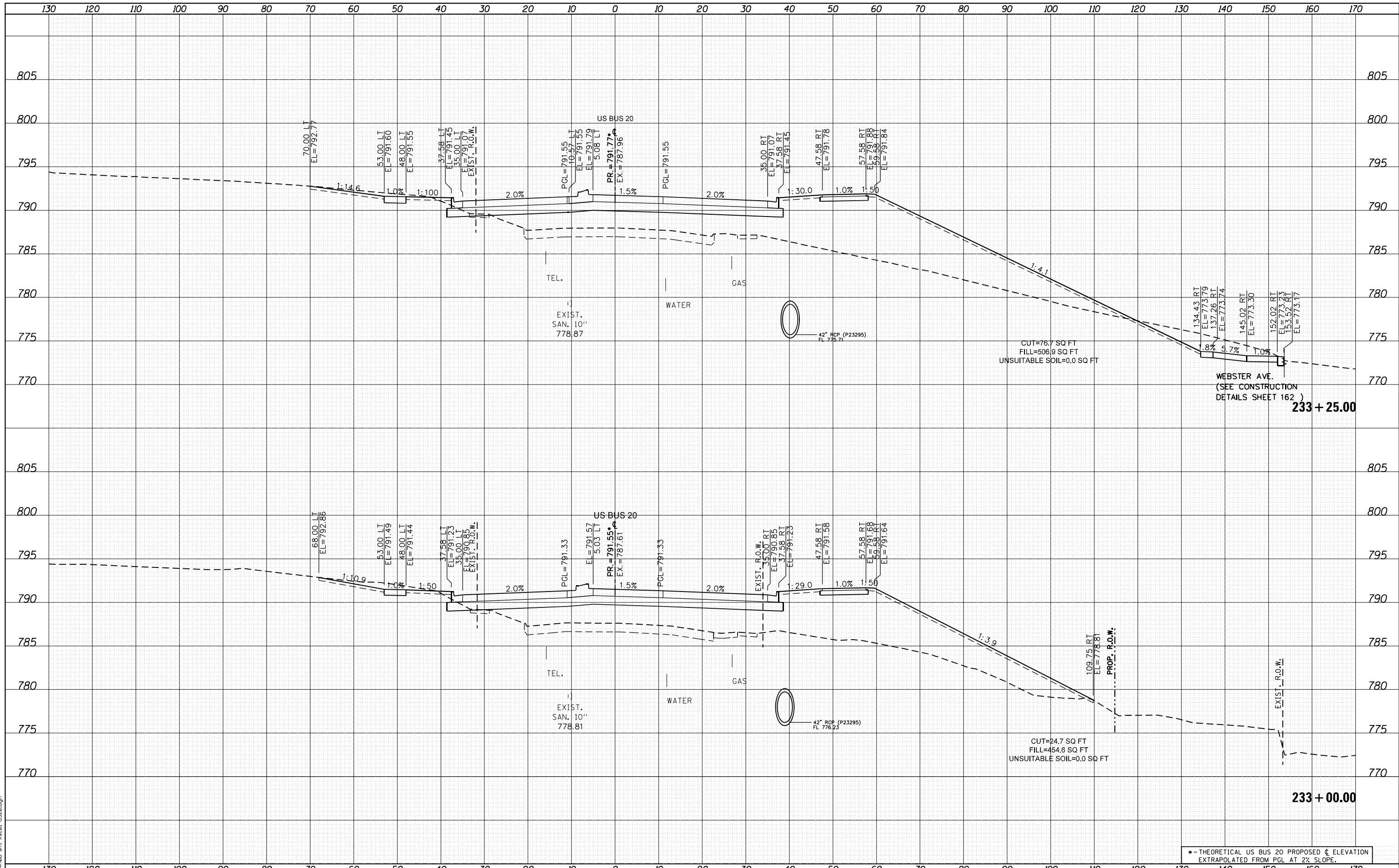
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 43 OF 66 SHEETS
STA. 232+50.00	TO STA. 232+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	295
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-ht-ks-01-US20.dgn



• - THEORETICAL US BUS 20 PROPOSED ϕ ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WEST STATE STREET (US BUS 20)

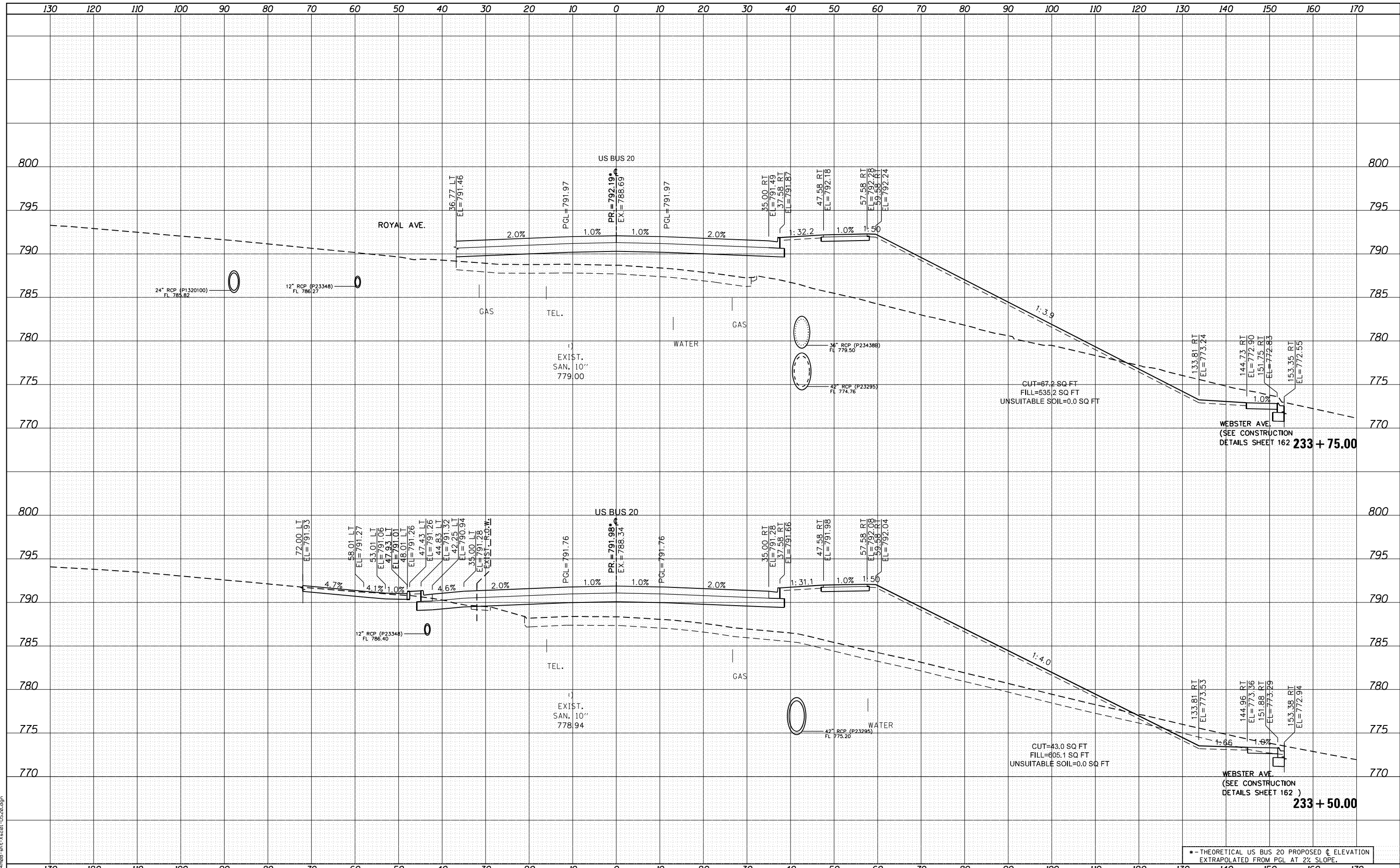
SCALE: 1"=10'H/1"=5'V SHEET 44 OF 66 SHEETS STA. 233+00.00 TO STA. 233+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	296
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = D264408-st-ks-01-US20.dgn



* - THEORETICAL US BUS 20 PROPOSED \pm ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

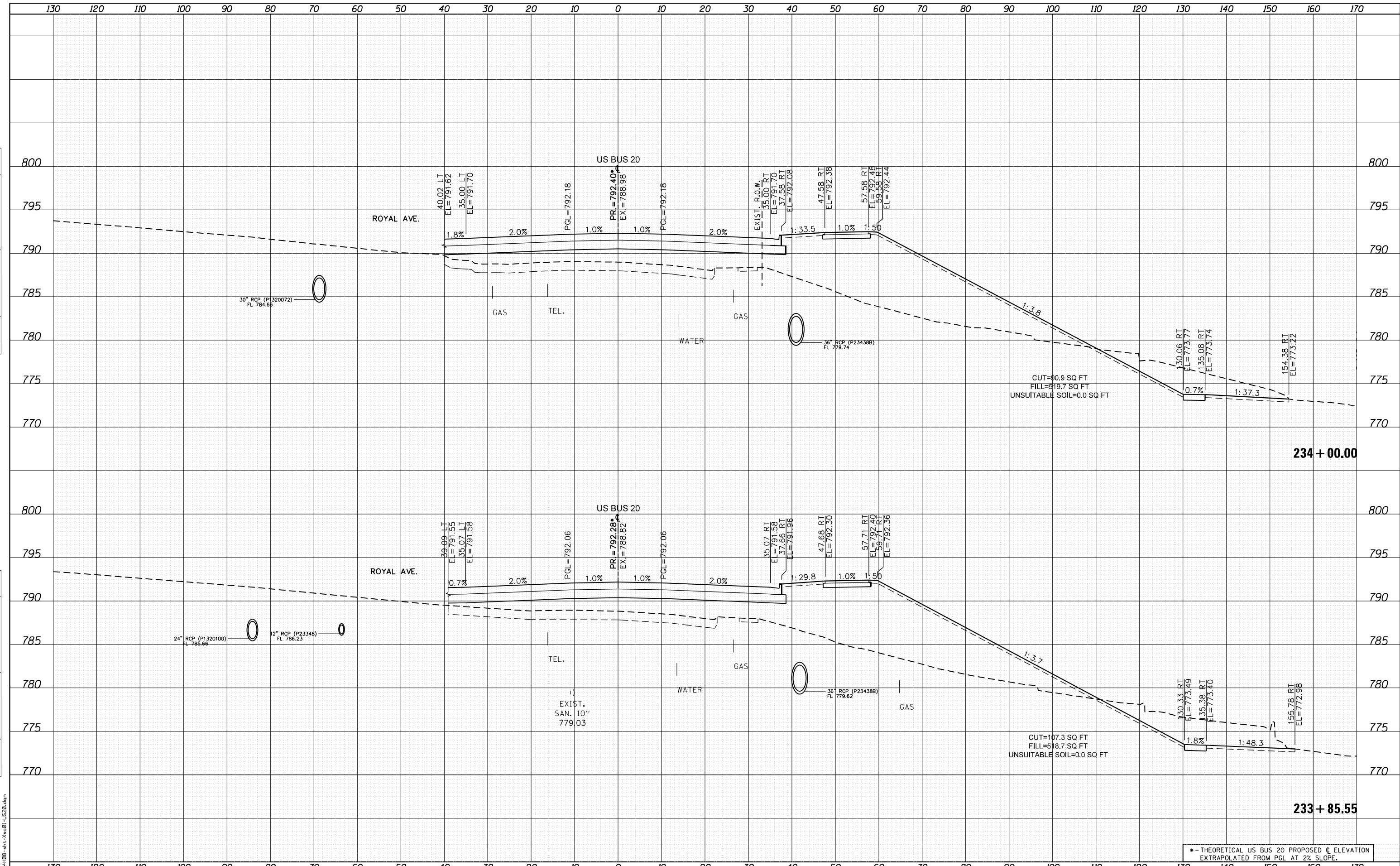
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS WEST STATE STREET (US BUS 20)			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
303	41R-1	WINNEBAGO	339
CONTRACT NO.			
SCALE: 1"=10'H/1"=5'V SHEET 45 OF 66 SHEETS STA. 233+50.00 TO STA. 233+75.00			

ILLINOIS FED. AID PROJECT			
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DATE	
BY	
FINISHED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME = D264408-ht-ks-01-US20.dgn



USER NAME = EtwileE
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/12/2020

DESIGNED - MXF
 DRAWN - MXF
 CHECKED - MJM
 DATE - 08/10/2018

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

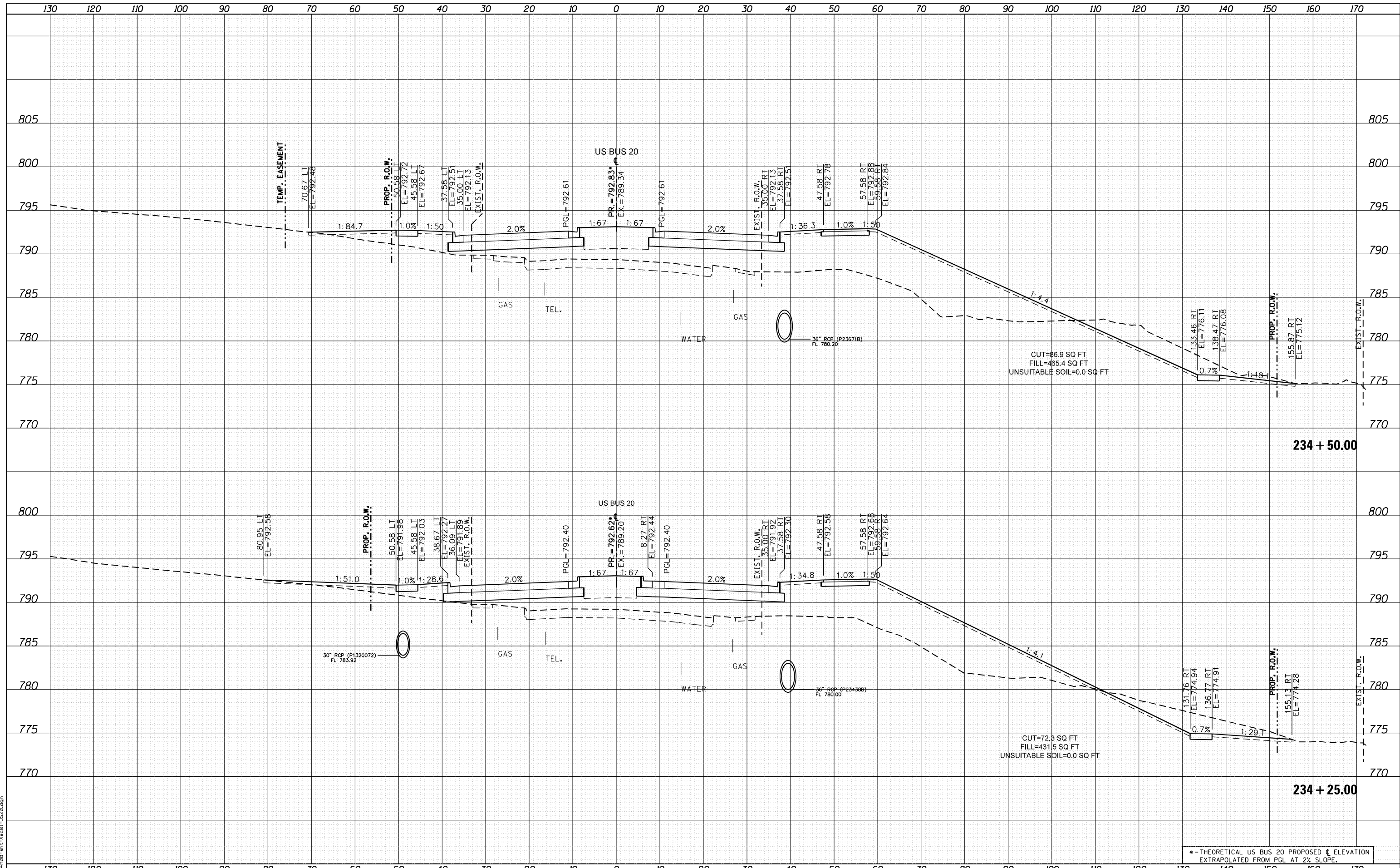
CROSS SECTIONS
 WEST STATE STREET (US BUS 20)
 SCALE: 1"=10'H/1"=5'V SHEET 46 OF 66 SHEETS STA. 233+85.55 TO STA. 234+00.00

* - THEORETICAL US BUS 20 PROPOSED C ELEVATION EXTRAPOLATED FROM PGL AT 2% SLOPE.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	298
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = D264408-ht-ks-01-US20.dgn



* - THEORETICAL US BUS 20 PROPOSED C ELEVATION
EXTRAPOLATED FROM PGL AT 2% SLOPE.



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

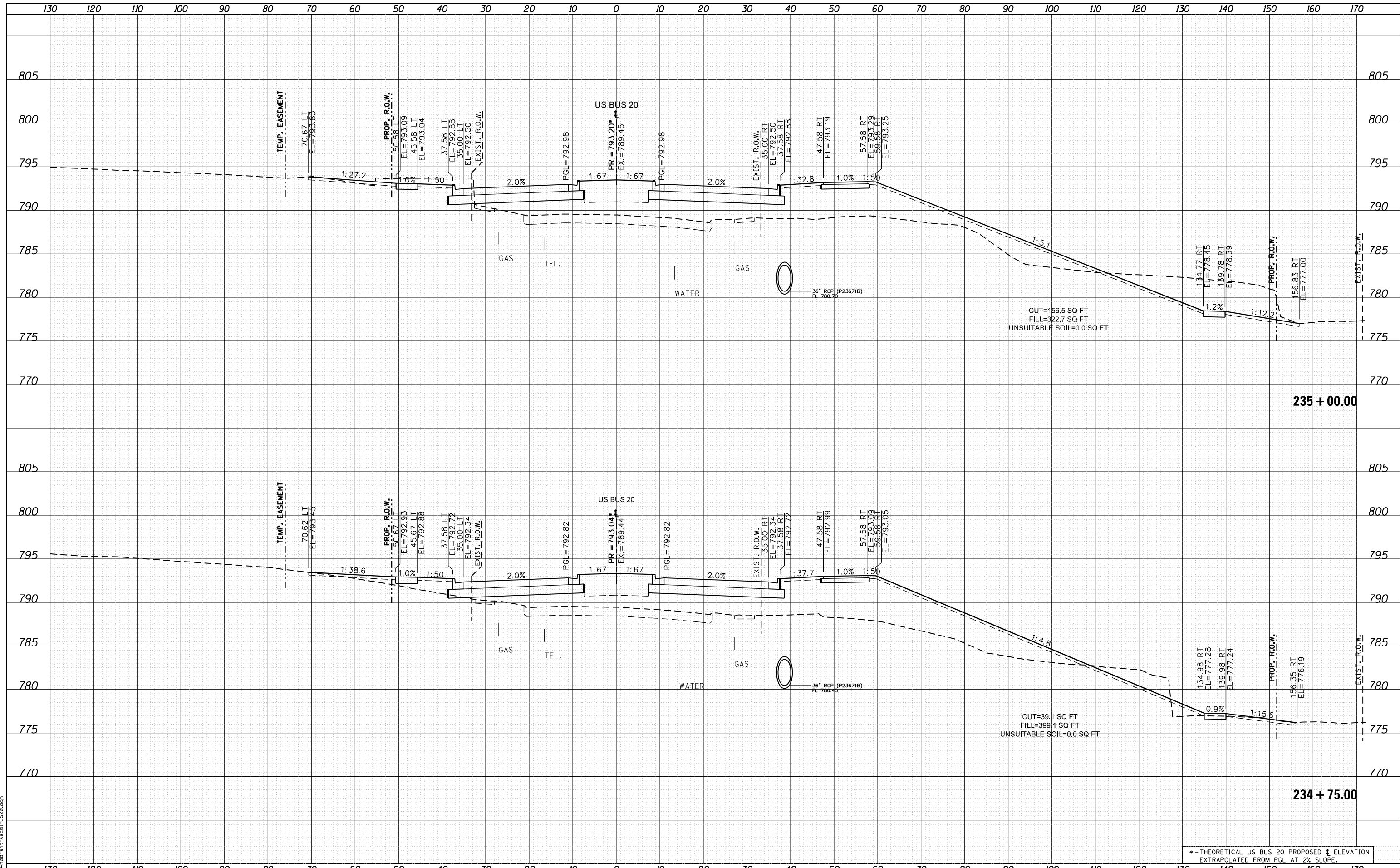
CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 47 OF 66 SHEETS
STA. 234+25.00	TO STA. 234+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	299
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = D264408-1ht-3x20-1-1520.dgn



USER NAME = EtwileE	DESIGNED - MXF	REVISED -
	DRAWN - MXF	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJM	REVISED -
PLOT DATE = 8/12/2020	DATE - 08/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS WEST STATE STREET (US BUS 20)	
SCALE: 1"=10'H/1"=5'V	SHEET 48 OF 66 SHEETS
STA. 234+75.00	TO STA. 235+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R-1	WINNEBAGO	339	300
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				