

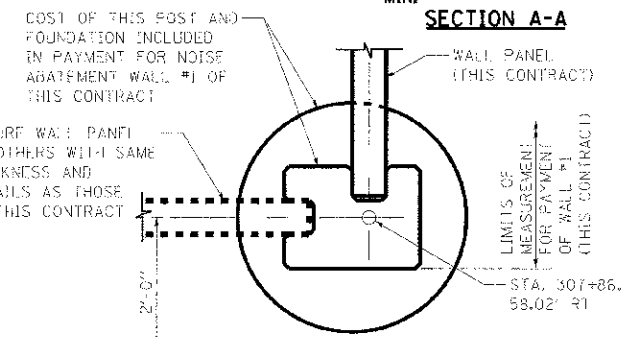
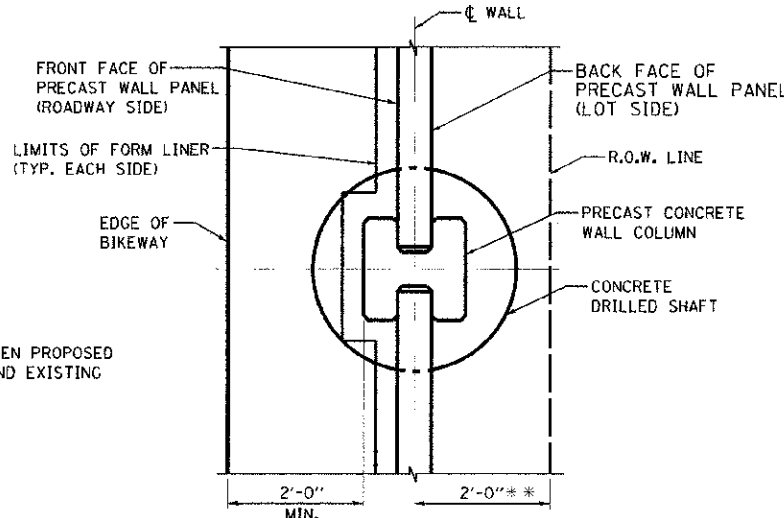
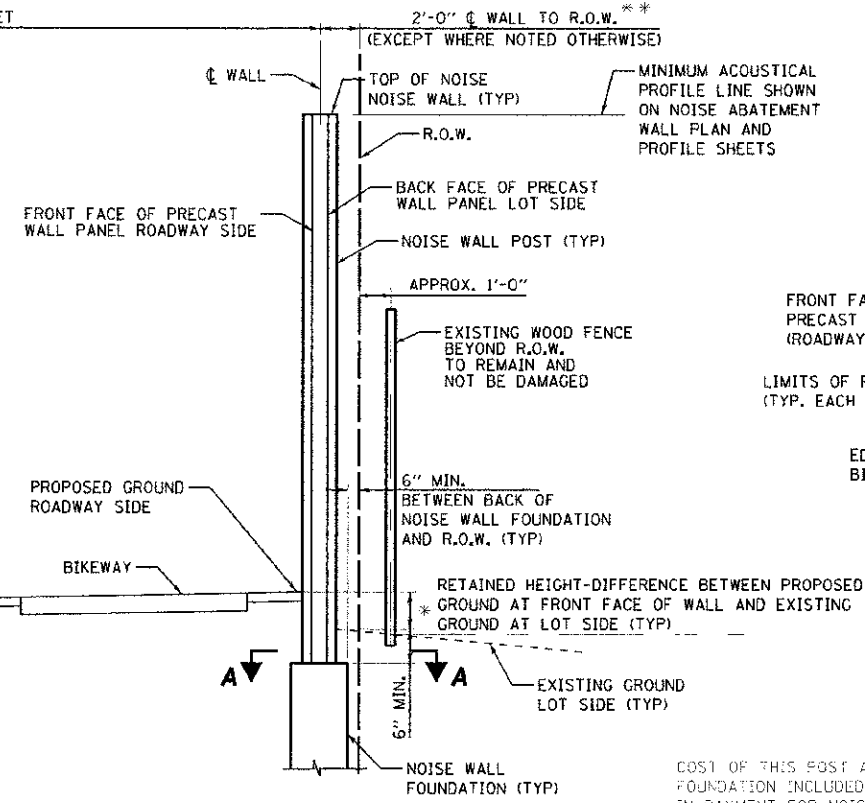
NOTE: PROVIDE 4"Ø DRAIN HOLES IN NOISE ABATEMENT WALL PANELS AT GROUND LEVEL WHERE GROUND ON LOT SIDE IS SLOPED TOWARD NOISE ABATEMENT WALL. SPACING OF DRAIN HOLES SHALL NOT EXCEED 20'.

DRAIN HOLE REQUIRED LOCATIONS
THE STATIONS ARE ALONG CL 95TH STREET

WALL NUMBER	BEG. STATION OF DRAIN HOLES	END STATION OF DRAIN HOLES	LENGTH
WALL # 1	308+50.00	309+25.00	125 FT.
WALL # 2	321+00.00	332+75.00	1,175 FT.
WALL # 3	337+00.00	341+50.00	450 FT.
WALL # 5	318+25.00	318+75.00	50 FT.
WALL # 6	322+00.00	324+25.00	225 FT.
WALL # 6	327+00.00	332+00.00	500 FT.
WALL # 7	335+50.00	339+00.00	350 FT.

ESTIMATED QUANTITIES

WALL	AREA SQ FT
NOISE ABATEMENT WALL #1	8,512
NOISE ABATEMENT WALL #2	9,028
NOISE ABATEMENT WALL #3	8,378
NOISE ABATEMENT WALL #5	3,651
NOISE ABATEMENT WALL #6	12,856
NOISE ABATEMENT WALL #7	10,298
TOTAL	52,723



* NOISE WALL POST & PANEL SHALL BE DESIGNED TO RETAIN DIFFERENCE IN GRADE LINES AND RESULTING EARTH LATERAL PRESSURE AS SHOWN ON NOISE ABATEMENT WALL PLAN AND PROFILE SHEETS.
 ** CL WALL TO R.O.W. = 2'-0" EXCEPT WHERE SHOWN OTHERWISE BY STATION AND OFFSET ON NOISE ABATEMENT WALL PLAN AND PROFILE SHEETS

ESTIMATED BILL OF MATERIAL

ITEM	UNIT	TOTAL
NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	52,723

THE ACTUAL PAY QUANTITY WILL BE BASED ON THE APPROVED SHOP DRAWINGS AND CALCULATED AS SPECIFIED IN THE MEASUREMENT AND PAYMENT SECTION OF THE SPECIAL PROVISION "PERFORMANCE BASED NOISE ABATEMENT WALL".

- NOTES:**
- MINIMUM WALL VERTICAL DIMENSIONS SHOWN ON NOISE ABATEMENT WALL PLAN AND PROFILE SHEETS ARE DISTANCES BETWEEN MINIMUM ACOUSTICAL PROFILE LINE AND PROPOSED GROUND LINE ON ROADWAY SIDE.
 - ALL WALLS SHALL EXTEND BEYOND THIS A MINIMUM OF 6 INCHES BELOW EXISTING GROUND LINE ON LOT SIDE OF WALL.
 - SEE ALIGNMENT & TIE DRAWINGS FOR BENCHMARK INFORMATION.
 - SEE NOISE ABATEMENT WALL PLAN AND PROFILE SHEETS FOR LOCATION OF SOIL BORINGS AND SEE SPECIAL PROVISION "PERFORMANCE BASED NOISE ABATEMENT WALLS" FOR SOIL BORING LOGS..
 - SEE DRAINAGE AND UTILITY SHEETS FOR APPROXIMATE LOCATION OF EXISTING UTILITIES. VERIFY LOCATIONS THROUGH JULIE 800-892-0123. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF THESE UTILITIES AND MAKE NECESSARY NOTIFICATIONS WITH THE UTILITY PRIOR TO COMMENCING FOUNDATION WORK NEAR THEIR FACILITIES.
 - MAINTAIN UNIFORMITY BETWEEN WALL PANEL LENGTH TO GREATEST EXTENT POSSIBLE.
 - PROVIDE TEMPORARY CASING IF NECESSARY TO HOLD AUGURED HOLE OPEN UNTIL PLACING OF CONCRETE FOUNDATION AND TO PREVENT ANY DISTURBANCE TO LAND ON ADJACENT PROPERTIES. COST INCLUDED IN "NOISE ABATEMENT WALL, GROUND MOUNTED".
 - CHAMFER NOISE WALL CAP AT KINK POINTS IN WALL
 - SEE NOISE ABATEMENT WALL PLAN AND PROFILE SHEETS FOR LOCATION OF WALLS.
 - SEE SPECIAL PROVISION "PERFORMANCE BASE NOISE ABATEMENT WALLS" FOR APPLICABLE DESIGN STANDARDS.
 - THE STATIONS PROVIDED FOR THE EXISTING STORM AND SANITARY SEWERS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF THESE UTILITIES IN THE FIELD PRIOR TO LAYING OUT FOUNDATION FOR THE WALLS. NO ADDITIONAL PAYMENT WILL BE MADE DUE TO DISCREPANCY IN THE ACTUAL LOCATIONS AND STATIONS PROVIDED ON THE DRAWINGS.
 - SEE PLAN AND PROFILE SHEETS OF ROADWAY PLANS FOR ROADWAY PROFILES AND ALIGNMENT.
 - CONTRACTOR SHALL FOLLOW REQUIREMENTS OF SPECIAL PROVISION "PERFORMANCE BASED NOISE ABATEMENT WALL" FOR MATERIAL, DESIGN, FABRICATION, CONSTRUCTION AND ERECTION REQUIREMENTS OF THE PROPOSED NOISE WALLS.
 - NO WORK ASSOCIATED WITH CONSTRUCTION OF NOISE ABATEMENT WALLS SHALL BE PERFORMED BEYOND THE HIGHWAY R.O.W. LIMITS.

CONSTRUCTION SPECIFICATIONS
 IDOT MANUAL FOR FABRICATION OF PRECAST PRESTRESSED CONCRETE PRODUCTS DECEMBER 10, 2010 WITH ADDENDUM DATED MAY 13, 2011.
 IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2012)

DESIGN LOADING
 UNBALANCED LATERAL EARTH PRESSURE;
 EQUIVALENT FLUID PRESSURE = 40 PCF
 LIVE LOAD SURCHARGE = 2 FT HEIGHT OF SOIL
 EARTH UNIT WEIGHT = 120 PCF
 MINIMUM WIND LOAD ON NOISE ABATEMENT WALL = 25 PSF

SEISMIC LOAD: IN ACCORDANCE WITH SUBSECTION 1.2.1.3 OF THE AASHTO GUIDE SPECIFICATIONS FOR STRUCTURAL DESIGN OF SOUND BARRIERS.

SEISMIC DATA
 SEISMIC PERFORMANCE ZONE (SPZ) = 1
 DESIGN SPECTRAL ACCELERATION AT 1.0 SEC. (SD1) = 0.045G
 DESIGN SPECTRAL ACCELERATION AT 0.2 SEC. (SDS) = 0.11G
 SOIL SITE CLASS = B

INDEX OF SHEETS

SHEET NO.	TYPICAL SECTION, INDEX OF SHEETS AND NOTES
1	TYPICAL SECTION, INDEX OF SHEETS AND NOTES
2	NOISE ABATEMENT WALL #1-3
3	NOISE ABATEMENT WALL #1-4
4	NOISE ABATEMENT WALLS #1& #2-1
5	NOISE ABATEMENT WALL #2-2
6	NOISE ABATEMENT WALL #2-3
7	NOISE ABATEMENT WALL #3-1
8	NOISE ABATEMENT WALL #3-2
9	NOISE ABATEMENT WALL #3-3
10	NOISE ABATEMENT WALL #5
11	NOISE ABATEMENT WALL #6-1
12	NOISE ABATEMENT WALL #6-2
13	NOISE ABATEMENT WALL #7-1
14	NOISE ABATEMENT WALL #7-2
15	NOISE ABATEMENT WALL #7-3

URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198

DESIGNED - JR/OT
 DRAWN - MR/OT
 CHECKED - JR/PP
 DATE - 10/19/2012

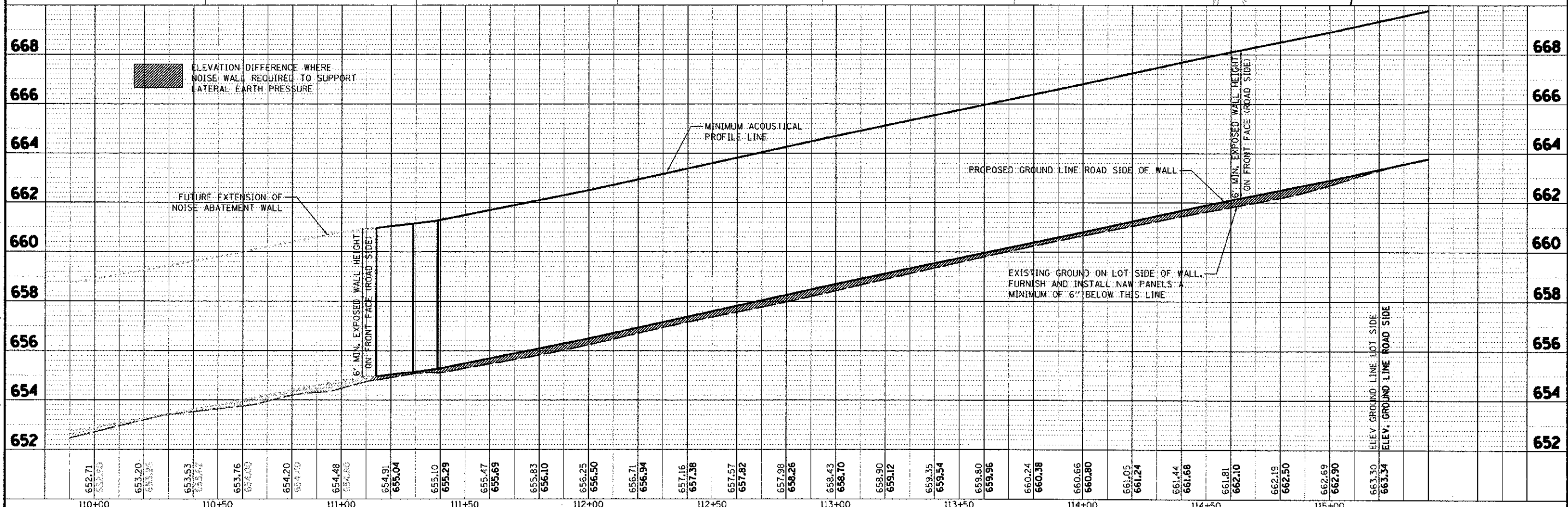
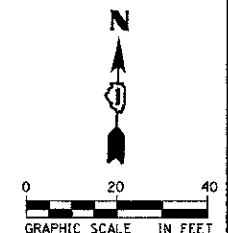
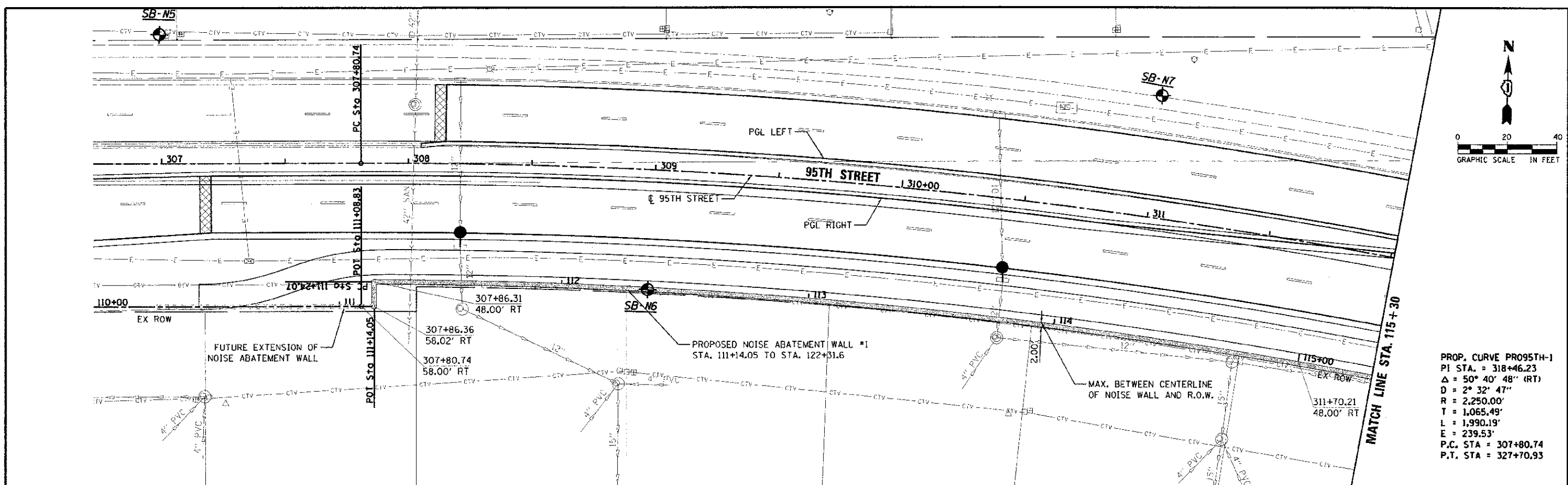
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NOISE ABATEMENT WALLS
 TYPICAL SECTION AND NOTES
 SCALE: DRAWING NO. 1 OF 15 STA. TO STA.

F.A.U. R.T.E. 1644 SECTION 01-00181-00-FP COUNTY WILL TOTAL SHEETS 328 SHEET NO. 202 CONTRACT NO. 63647 ILLINOIS FED. AID PROJECT

PLAN	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROFILE	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	



652.71	653.20	653.53	653.76	654.20	654.48	654.91	655.10	655.47	655.83	656.25	656.71	657.16	657.57	657.98	658.43	658.90	659.35	659.80	660.24	660.66	661.05	661.44	661.81	662.19	662.50	662.69	663.30	663.34
110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00																		

URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

USER NAME: j.parker
DESIGNED: KJB
DRAWN: KJB
CHECKED: NPP
DATE: 12/16/2012

REVISIONS:
REVISION 1: 12/16/2012
REVISION 2: 12/16/2012
REVISION 3: 12/16/2012

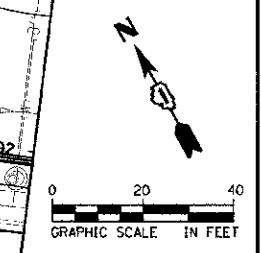
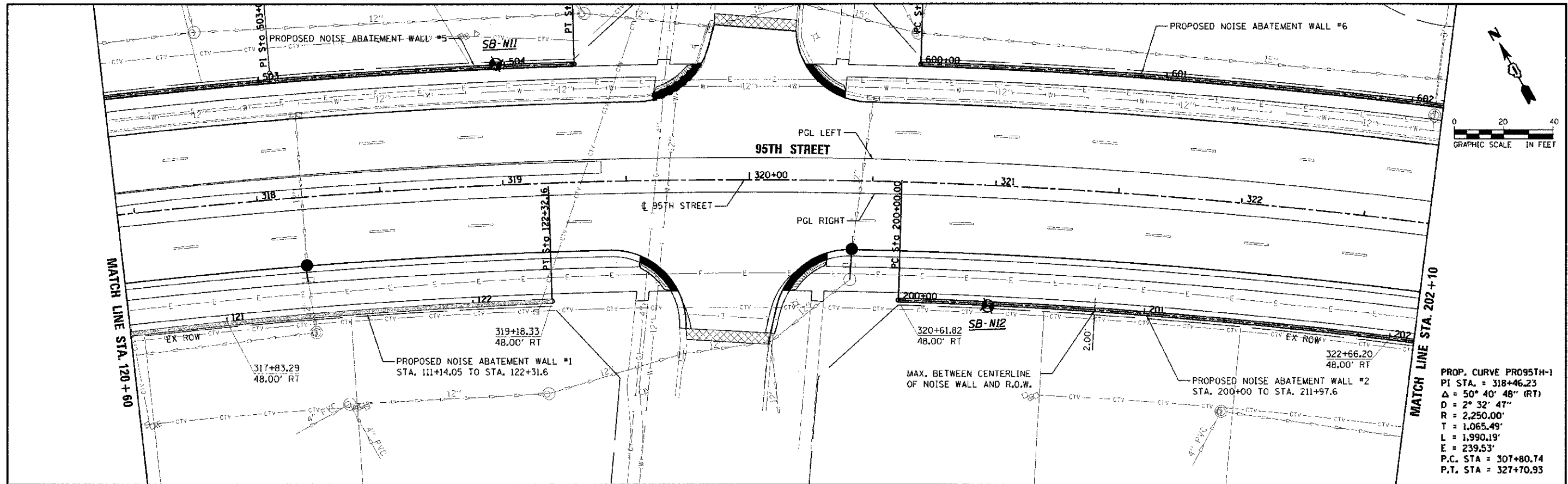
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOISE ABATEMENT WALL #1-3
PLAN AND PROFILE
SCALE: DRAWING NO. 2 OF 15 STA. TO STA.

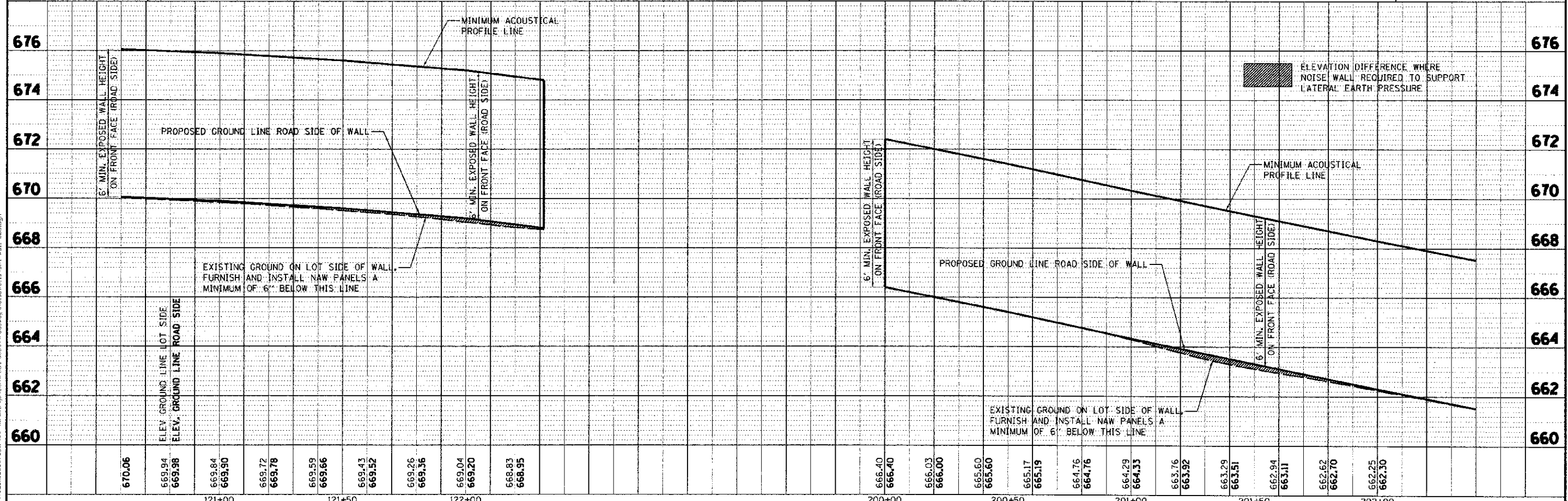
F.A.U. RTE. 1644 SECTION 01-001B1-00-PP COUNTY WILL TOTAL SHEETS 457 SHEET NO. 203 CONTRACT NO. ILLINOIS FED. AID PROJECT

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
FILED	
PROJECT	
SCALE	
SHEET NO.	
TOTAL SHEETS	
CONTRACT NO.	

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
FILED	
PROJECT	
SCALE	
SHEET NO.	
TOTAL SHEETS	
CONTRACT NO.	



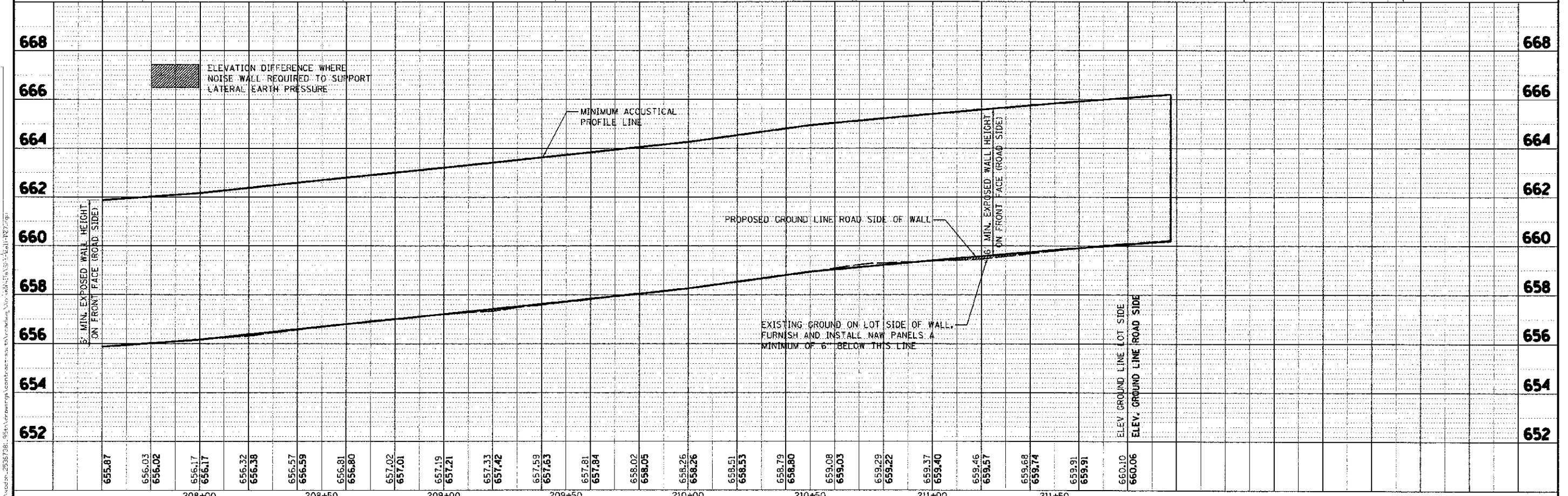
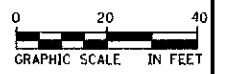
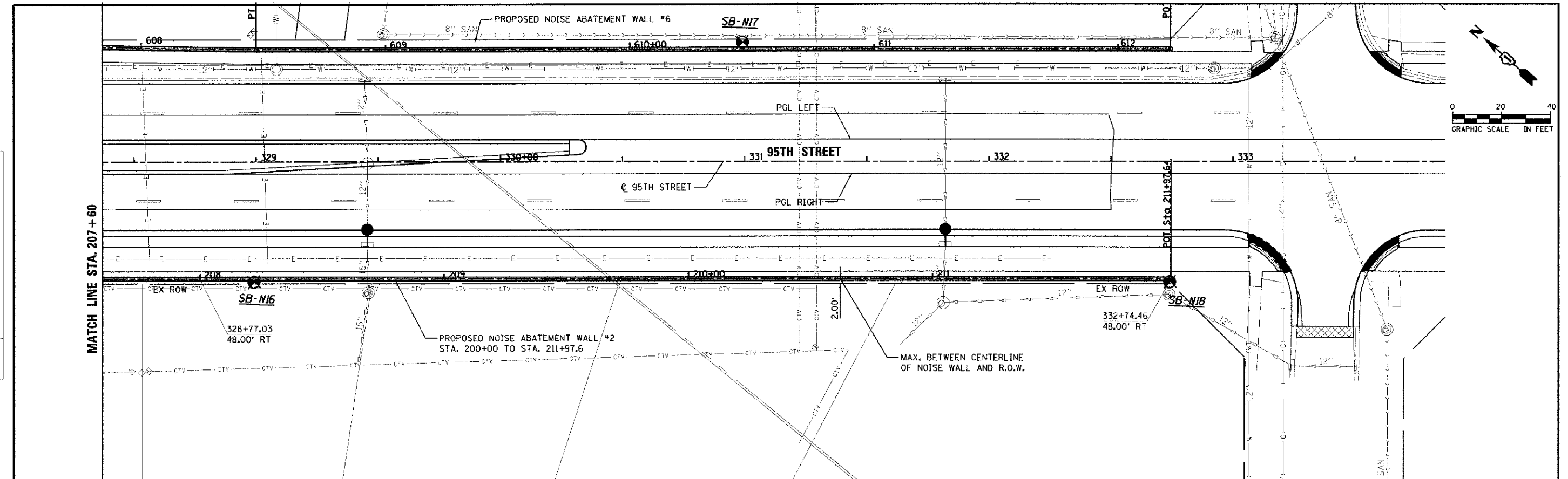
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 P.I. STA. = 318+46.23
 $\Delta = 50^\circ 40' 48''$ (RT)
 $D = 2^\circ 32' 47''$
 $R = 2,250.00'$
 $T = 1,065.49'$
 $L = 1,990.19'$
 $E = 239.53'$
 P.C. STA = 307+80.74
 P.T. STA = 327+70.93



URS 100 S. WACKER DR. SUITE 500 CHICAGO, IL 60606 TEL (312) 938-4000 FAX (312) 939-4998	USER NAME: j_rubio_pj DESIGNED: JRR/JB DRAWN: KEK/JB CHECKED: JRR/PP DATE: 10/19/2012	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NOISE ABATEMENT WALL #1 & #2 PLAN & PROFILE		F.A.U. RT. 1644 SECTION 01-00181-00-PP COUNTY WILL TOTAL SHEETS 328 SHEET NO. 205 CONTRACT NO. 63647
	SCALE: DRAWING NO. 4 OF 15 STA. TO STA.			ILLINOIS FED. AID PROJECT			

DATE	
BY	
REVISION	
NO. OF SHEETS	
DATE	
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REVISION	
NO. OF SHEETS	
DATE	
BY	
REVISION	
NO. OF SHEETS	

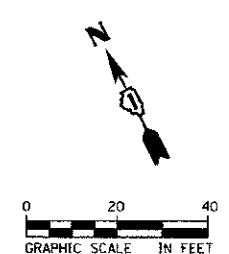
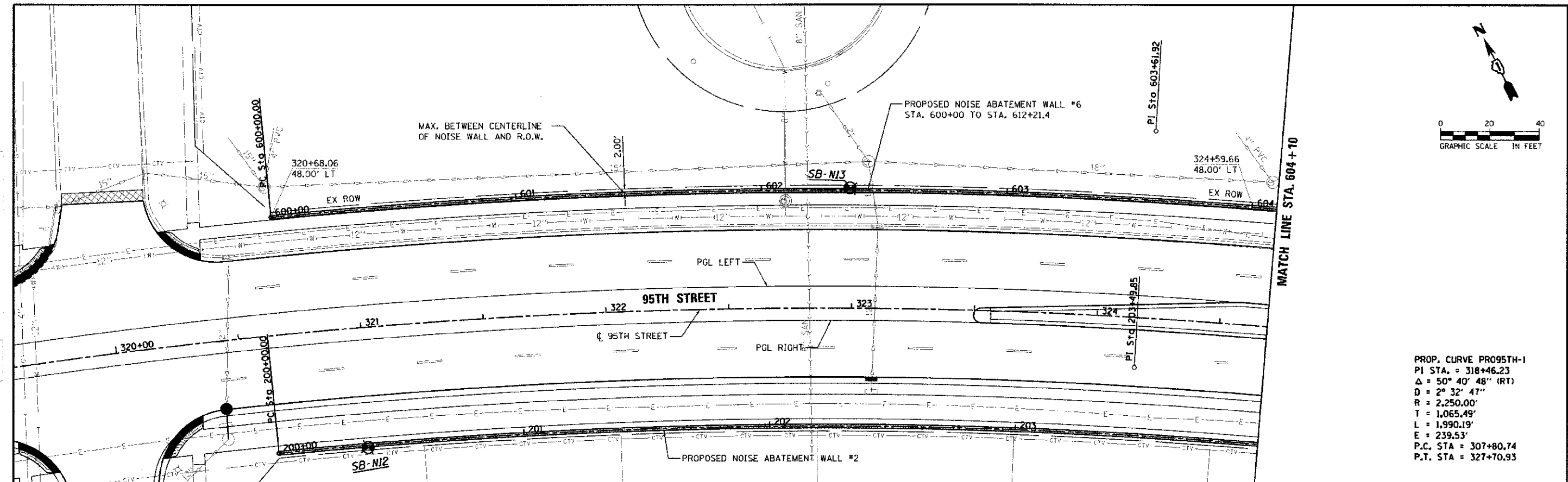
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NO. OF SHEETS	



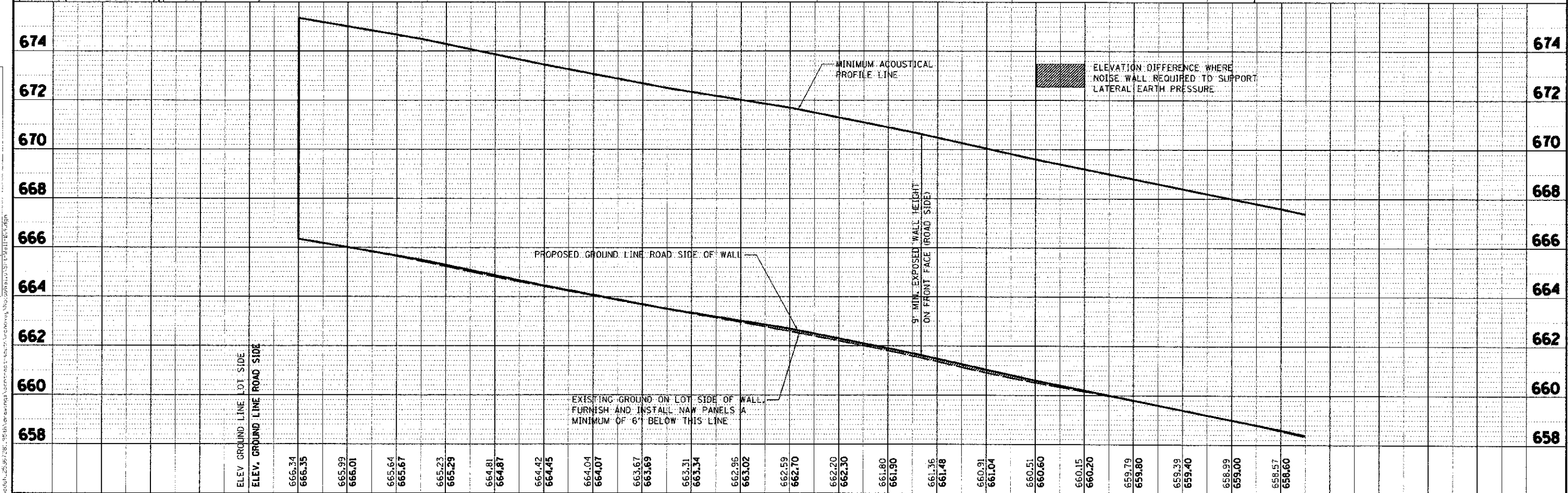
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	SCALE: DRAWING NO. 6 OF 15 STA. TO STA.		ILLINOIS FED. AID PROJECT			

P. AN
 DATE
 BY
 CHECKED
 APPROVED
 PROJECT NO.
 SHEET NO.
 ROAD FILE NAME

PACIFIC
 DATE
 BY
 CHECKED
 APPROVED
 PROJECT NO.
 SHEET NO.
 ROAD FILE NAME



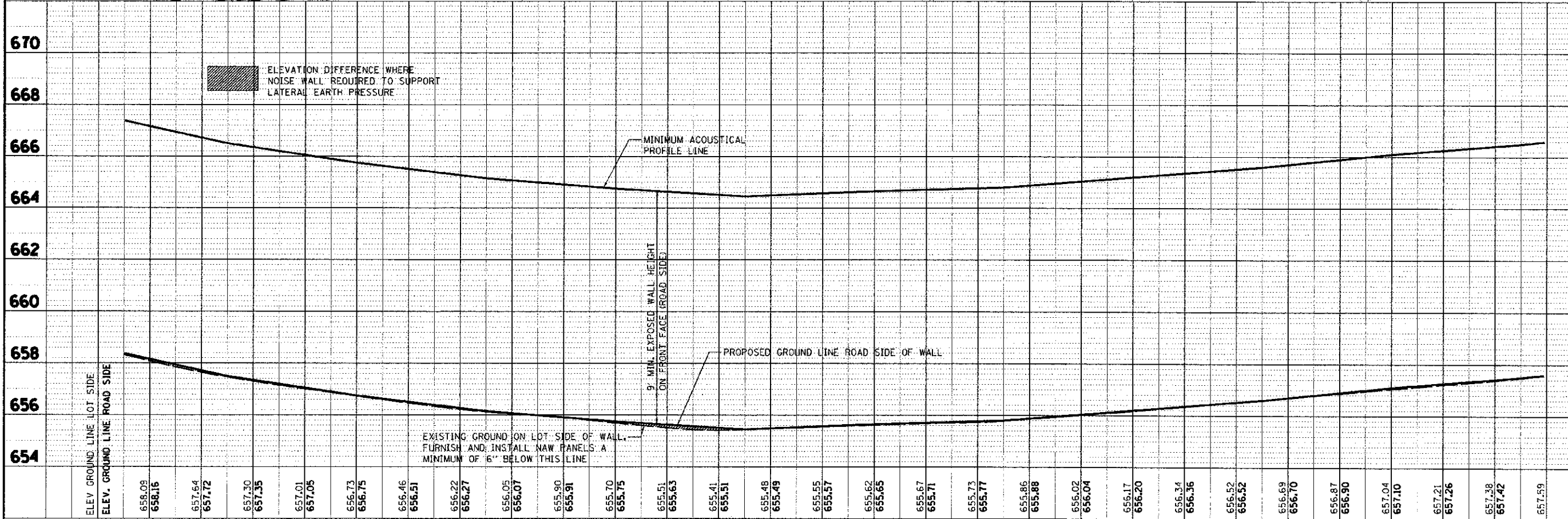
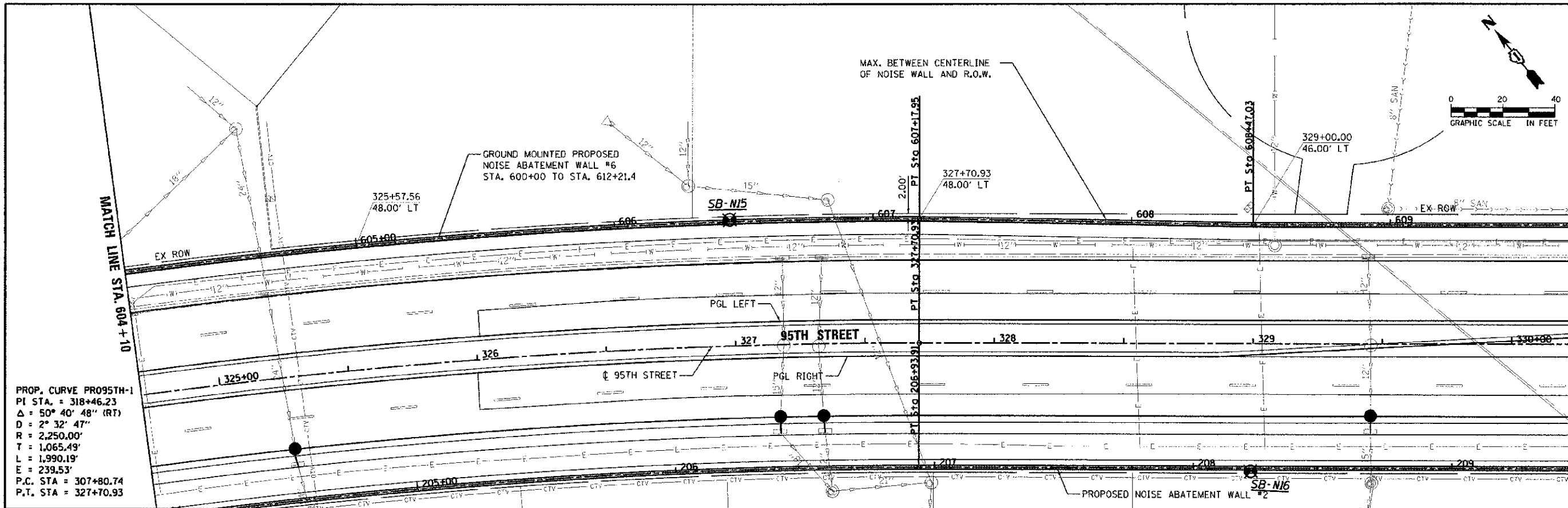
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 PI STA. = 318+46.23
 $\Delta = 50^\circ 40' 48''$ (RT)
 $D = 2^\circ 32' 47''$
 $R = 2,250.00'$
 $T = 1,065.49'$
 $L = 1,990.19'$
 $E = 239.53'$
 P.C. STA = 307+80.74
 P.T. STA = 327+70.93



URS 100 S. WACKER DR. SUITE 500 CHICAGO, IL 60606 TEL (312) 939-4000 FAX (312) 939-4998	USER NAME = james.push DESIGNED - JRR/JB DRAWN - KBK/JB CHECKED - JRR/PP DATE - 10/19/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NOISE ABATEMENT WALL #6 PLAN & PROFILE	F.A.U. RTE. 1644 SECTION 01-00181-00-PP COUNTY WILL TOTAL SHEETS 328 SHEET NO. 212 CONTRACT NO. 63647
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DATE	
BY	
DESIGNED	JRR/JB
DRAWN	KBJ/JB
CHECKED	JRR/PP
DATE	10/19/2012

PROJECT	NO. 16
DATE	10/19/2012
BY	JRR
CHECKED	PP
DATE	10/19/2012



ELEV. GROUND LINE LOT SIDE	658.09	658.16	657.64	657.72	657.30	657.35	657.01	657.05	656.73	656.75	656.46	656.51	656.22	656.27	656.05	656.07	655.90	655.91	655.70	655.75	655.51	655.63	655.41	655.51	655.48	655.49	655.55	655.57	655.62	655.65	655.67	655.71	655.73	655.77	655.86	655.88	656.02	656.04	656.17	656.20	656.34	656.36	656.52	656.52	656.69	656.70	656.87	656.90	657.04	657.10	657.21	657.26	657.38	657.42	657.59
ELEV. GROUND LINE ROAD SIDE	658.09	658.16	657.64	657.72	657.30	657.35	657.01	657.05	656.73	656.75	656.46	656.51	656.22	656.27	656.05	656.07	655.90	655.91	655.70	655.75	655.51	655.63	655.41	655.51	655.48	655.49	655.55	655.57	655.62	655.65	655.67	655.71	655.73	655.77	655.86	655.88	656.02	656.04	656.17	656.20	656.34	656.36	656.52	656.52	656.69	656.70	656.87	656.90	657.04	657.10	657.21	657.26	657.38	657.42	657.59

URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-4000
FAX (312) 939-4998

USER NAME: jrr/jb	DESIGNED: JRR/JB	REVISED: -
PILOT SCALE: 28,0000 1" = 100'	DRAWN: KBJ/JB	REVISED: -
PILOT DATE: 10/19/2012	CHECKED: JRR/PP	REVISED: -
	DATE: 10/19/2012	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

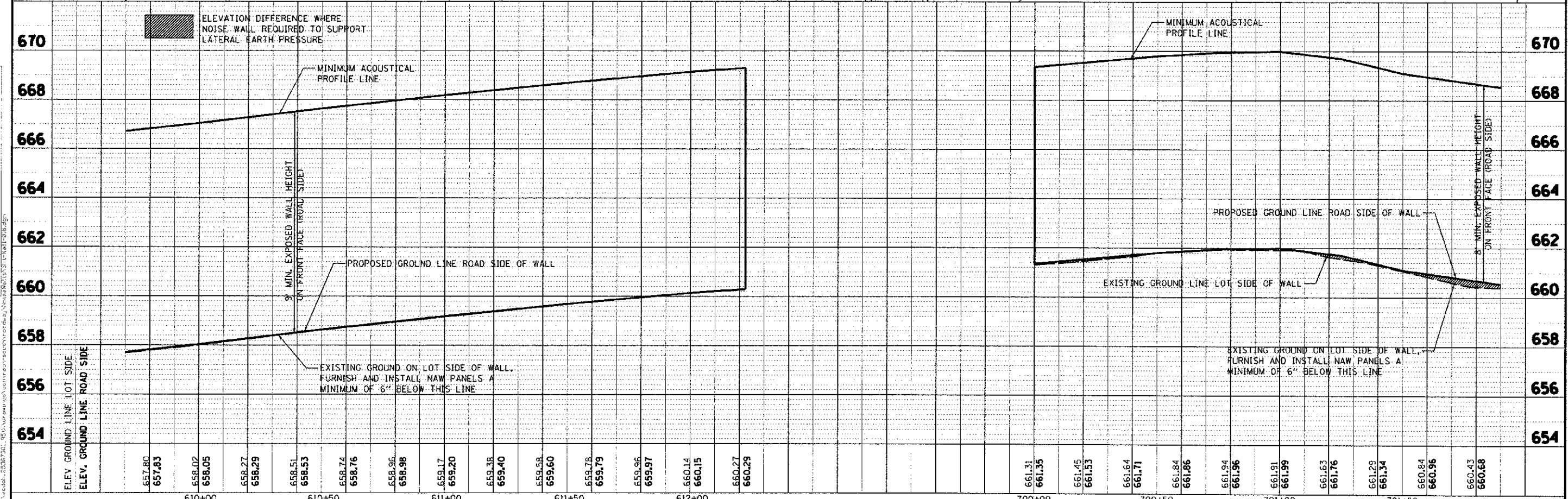
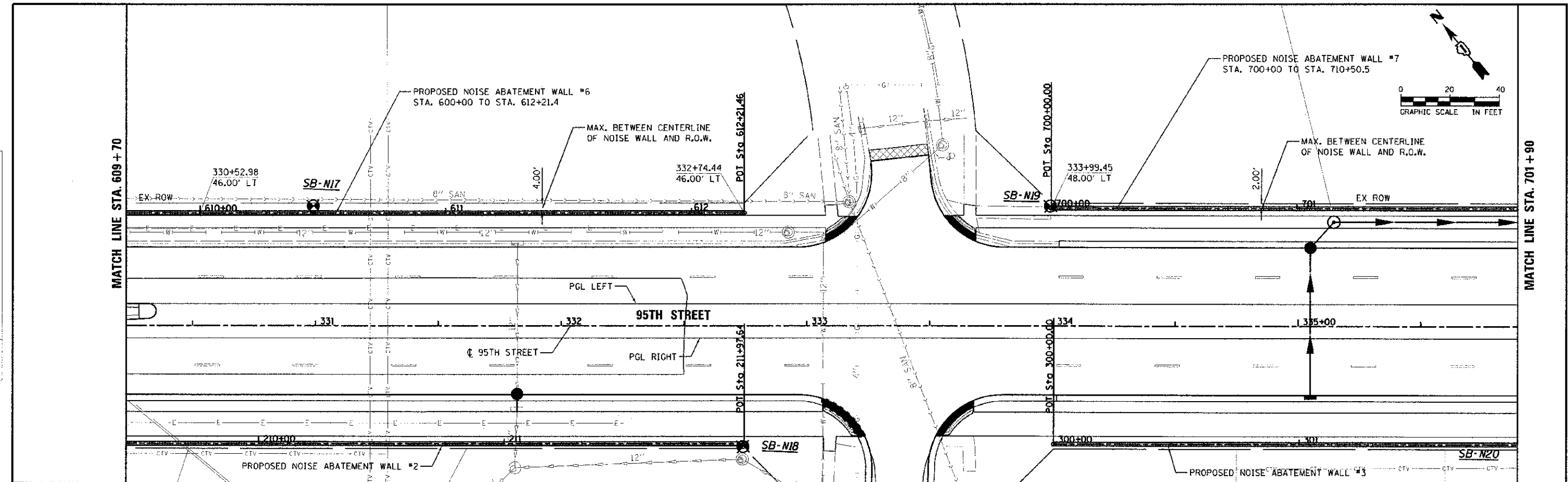
NOISE ABATEMENT WALL #6
PLAN & PROFILE

SCALE: DRAWING NO. 12 OF 15 STA. TO STA.

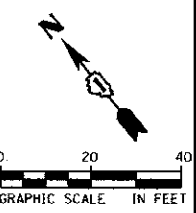
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CONTRACT NO. 63647				
ILLINOIS FED. AID PROJECT				

DESIGNED	JRR/JB
DRAWN	KEK/JB
CHECKED	JRR/PP
DATE	10/19/2012

PROJECT	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
NO. 13	NOISE ABATEMENT WALL #6 & #7
DATE	10/19/2012

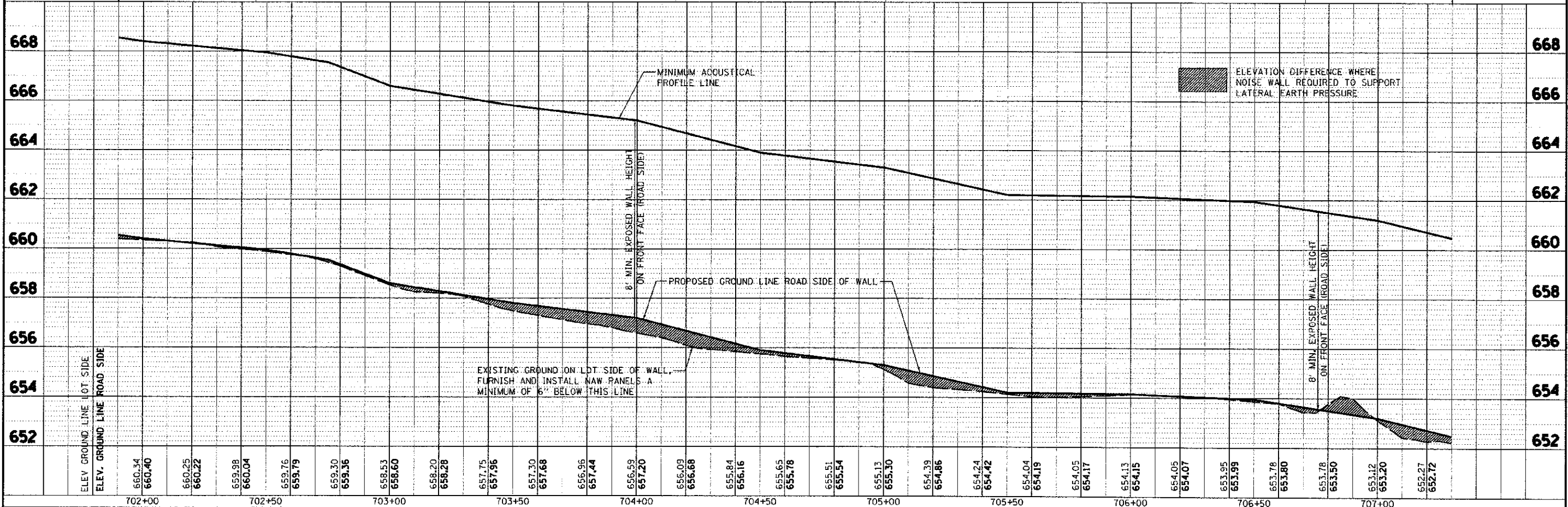
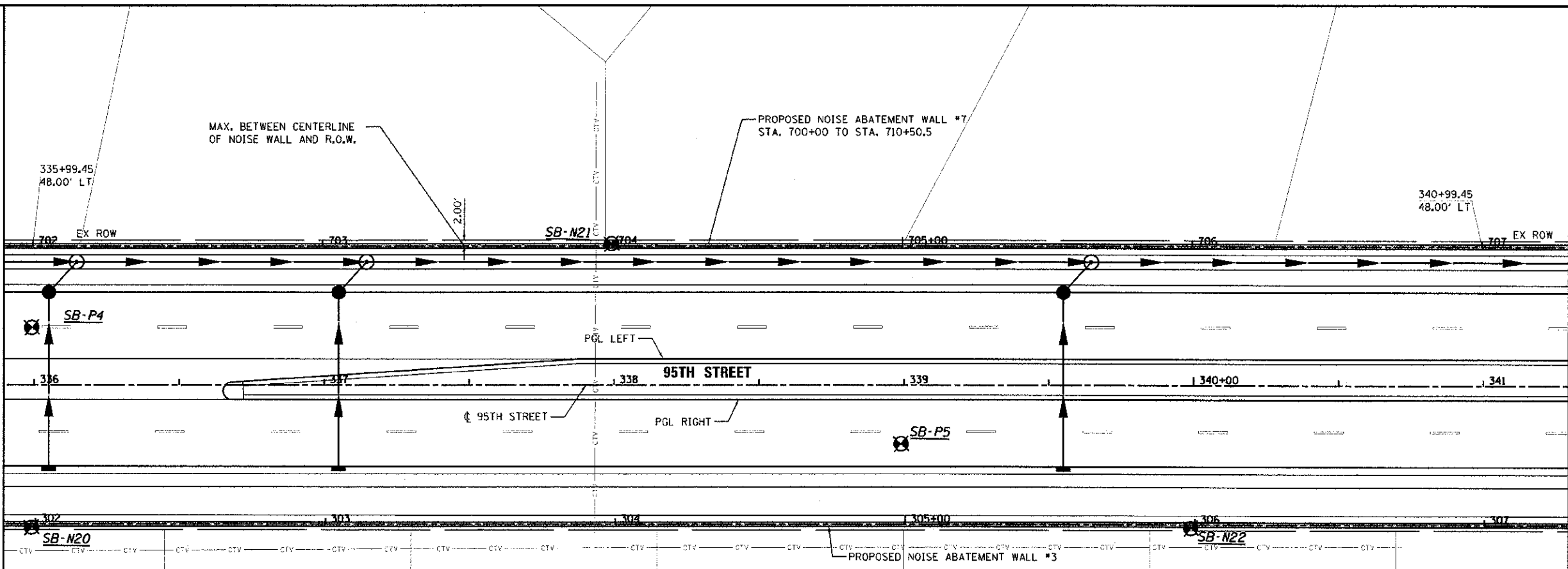


URS 100 SWACKER DR. SUITE 500 CHICAGO, IL 60606 TEL (312) 935-4000 FAX (312) 935-4998	USGS NAME = jrr/jb/2012 DESIGNED - JRR/JB DRAWN - KEK/JB CHECKED - JRR/PP DATE - 10/19/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NOISE ABATEMENT WALL #6 & #7 PLAN & PROFILE		F.A.U. RYE 1644 SECTION 01-00161-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 214
	SCALE: DRAWING NO. 13 OF 15 STA. TO STA.			CONTRACT NO. 63647		ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 701+90

MATCH LINE STA. 707+30



DATE	
BY	
CHECKED	
DESIGNED	
IN CHARGE	
PROJECT	
NO.	
DATE	
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CHECKED	
DESIGNED	
IN CHARGE	
PROJECT	
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IN CHARGE	
PROJECT	
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DATE	
BY	
CHECKED	
DESIGNED	
IN CHARGE	
PROJECT	
NO.	

URS
100 S. WACKER DR.
SUITE 500
CHICAGO IL 60606
TEL (312) 939-4000
FAX (312) 939-6998

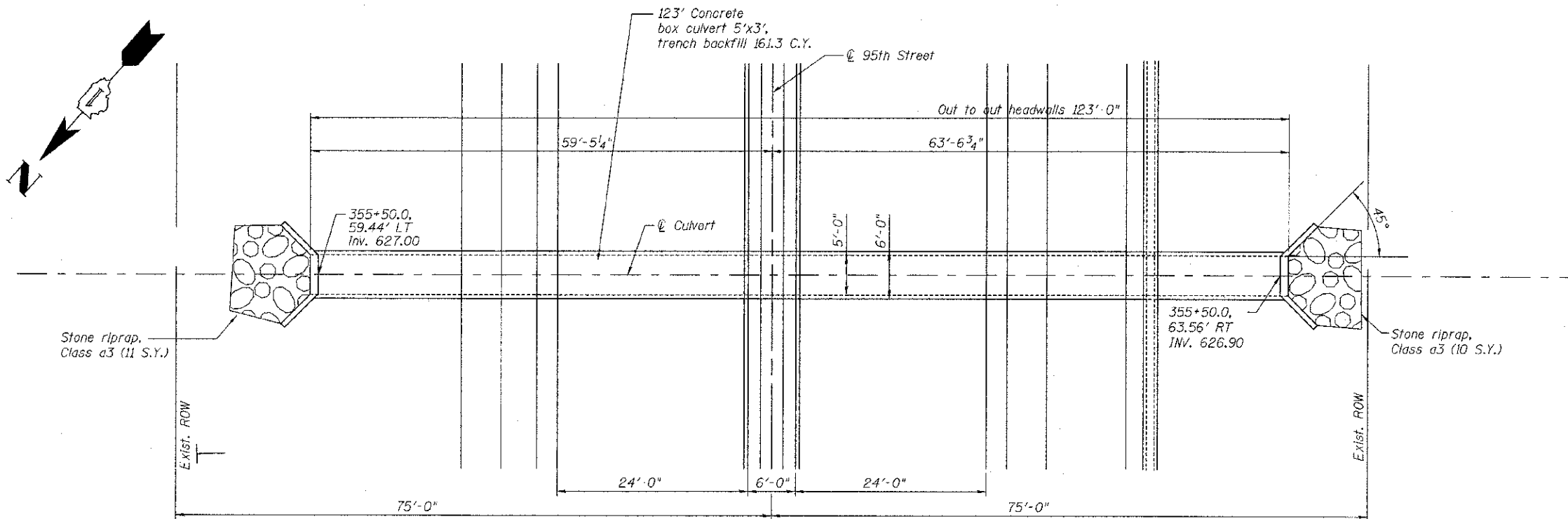
DESIGNED	JRR/JB	REVISION	-
DRAWN	KEK/JB	REVISION	-
CHECKED	JRR/PP	REVISION	-
DATE	10/19/2012	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

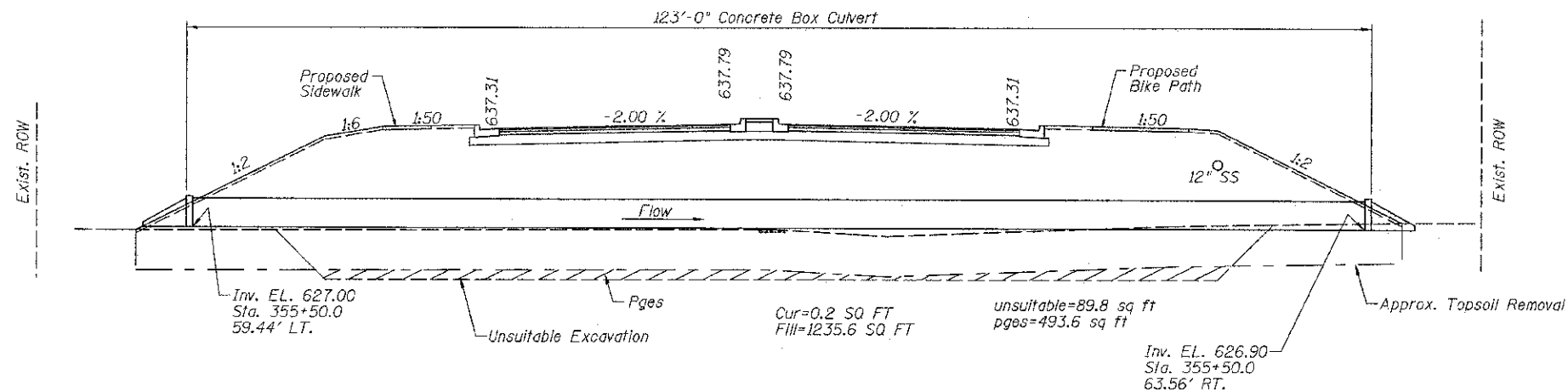
NOISE ABATEMENT WALL #7
PLAN & PROFILE
SCALE: DRAWING NO. 14 OF 15 STA. TO STA.

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS
1644	01-00181-00-PP	WILL	328
			NO. 215
CONTRACT NO. 63647			
ILLINOIS FED. AID PROJECT			

INDEX OF DRAWINGS	
SHEET	DESCRIPTION
1	5'x3' Culvert Plan and Elevation at Sta. 355+50
2	General Notes and Bill of Material
3	Wingwall, Headwall and toe walls Details
4	Culvert Details and Bill of Bars



CULVERT PLAN



LONGITUDINAL SECTION AT STA. 355+50
(LOOKING UPSTATION)
(DIMENSIONS MEASURED AT @ CULVERT)

DESIGN SPECIFICATIONS

AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES 2002
IDOT CULVERT MANUAL, JUNE 2000

DESIGN LOADING

HS20 - 44

DESIGN STRESSES:

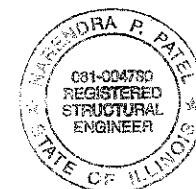
CLASS SI CONCRETE
f'c = 3,500 PSI
fy = 60,000 PSI (REINFORCEMENT)

Quantity for Stone Riprap Class A3 is included with Drainage Plans.

Quantity for Trench Backfill, Removal of Unsuitable Material and Porous Granular Embankment, Subgrade is included in Roadway Plans.

See sheet General Notes and Bill of Material for Bill of Material.

See sheet Culvert Details for reinforcement details and Bill of Bars.



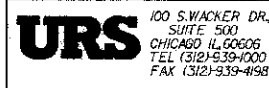
Signature: Narendra P. Patel
Current Date: October 19, 2012

License Expires: November 30, 2014

I certify that to the best of my knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the "2002 AASHTO Standard Specifications for Highway Bridges".

5'x3' CULVERT PLAN AND ELEVATION
AT STA. 355+50 UNDER 95TH STREET
FAU RTE. 1644
SECTION: 106B-TR

FILE NAME = ep:\worksh_2012\106B-TR\Drawings\comp\106B-TR\106B-TR-Culvert Plan & Section.dwg



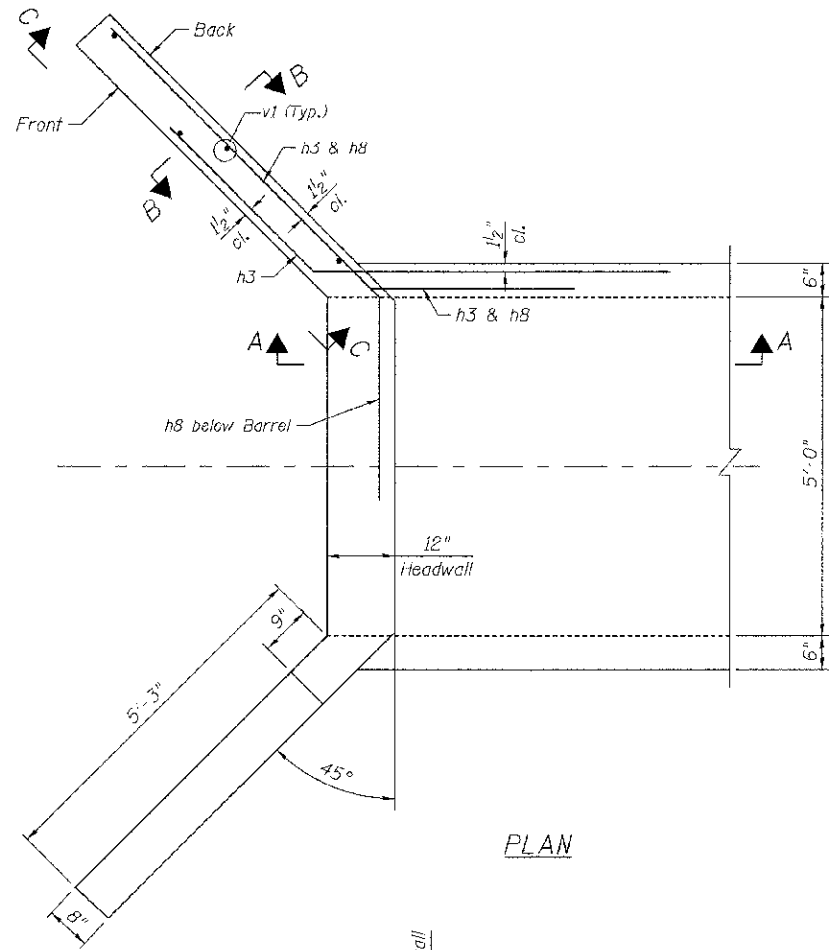
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PLOT SCALE = 0.0000' / 1"	CHECKED - NPP	REVISED -
PLOT DATE = 10/16/2012	DRAWN - SOI	REVISED -
	CHECKED - NPP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

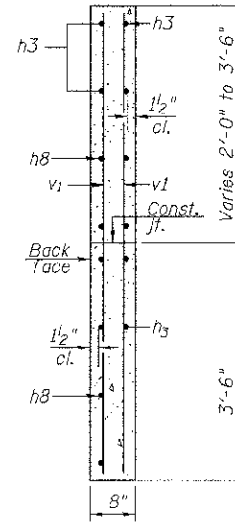
CULVERT PLAN AND SECTION AT STA. 355+50

SHEET NO. 1 OF 4 SHEETS

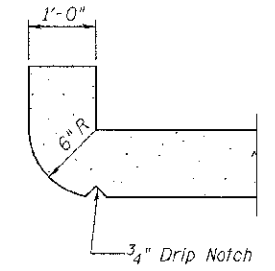
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	217
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	



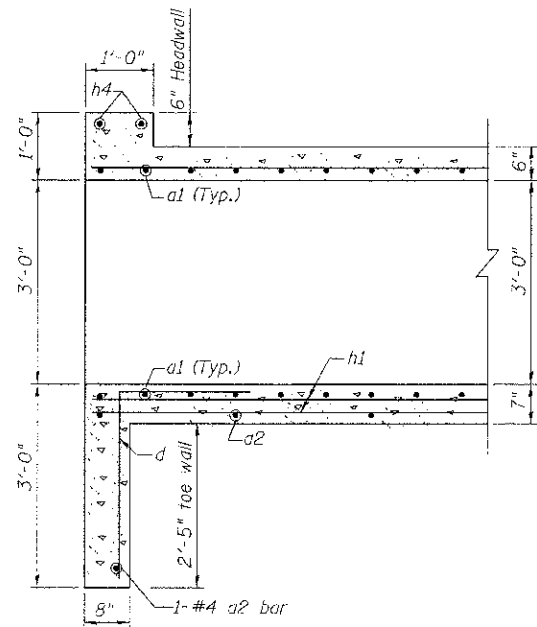
PLAN



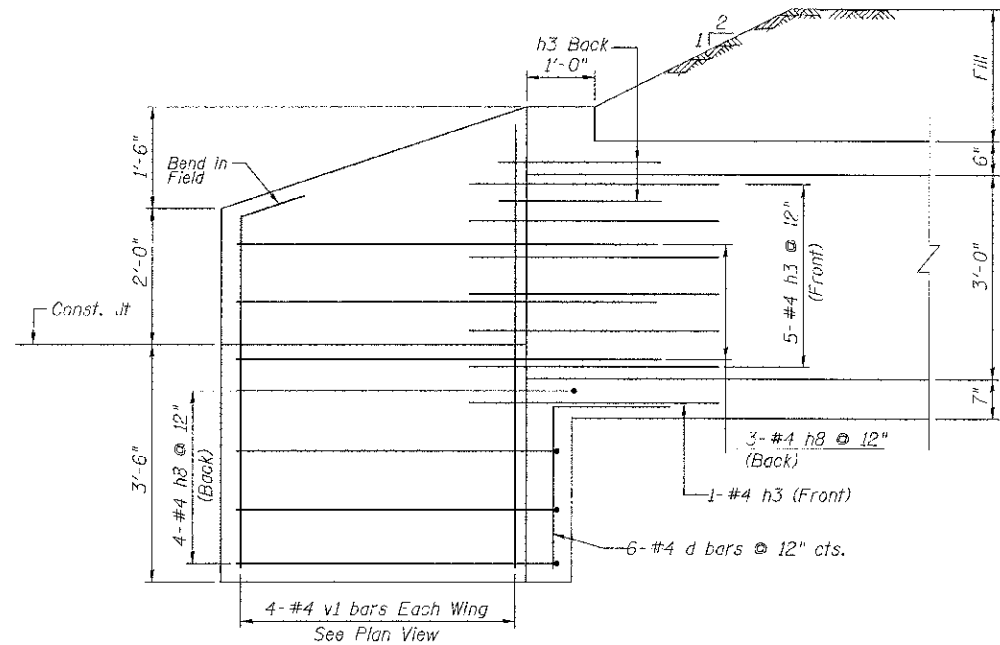
SECTION B-B



SECTION THRU HEADWALL
(Up Stream End Only)



SECTION A-A



SECTION C-C

See sheet Culvert Sections and Bill of Bars for reinforcement and bar bent details.

FILE NAME = g:\ncad\2012\2012-02-16\drawings\contract\structure\cyl\w1\3-Wingwall Details.dgn



100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

USER NAME = #STB#	DESIGNED - STB/KJZ	REVISED -
PLCT SCALE = 1/4" = 1' / IN.	CHECKED - NPP	REVISED -
PLCT DATE = 12/16/2012	DRAWN - SGT	REVISED -
	CHECKED - NPP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINGWALL DETAILS

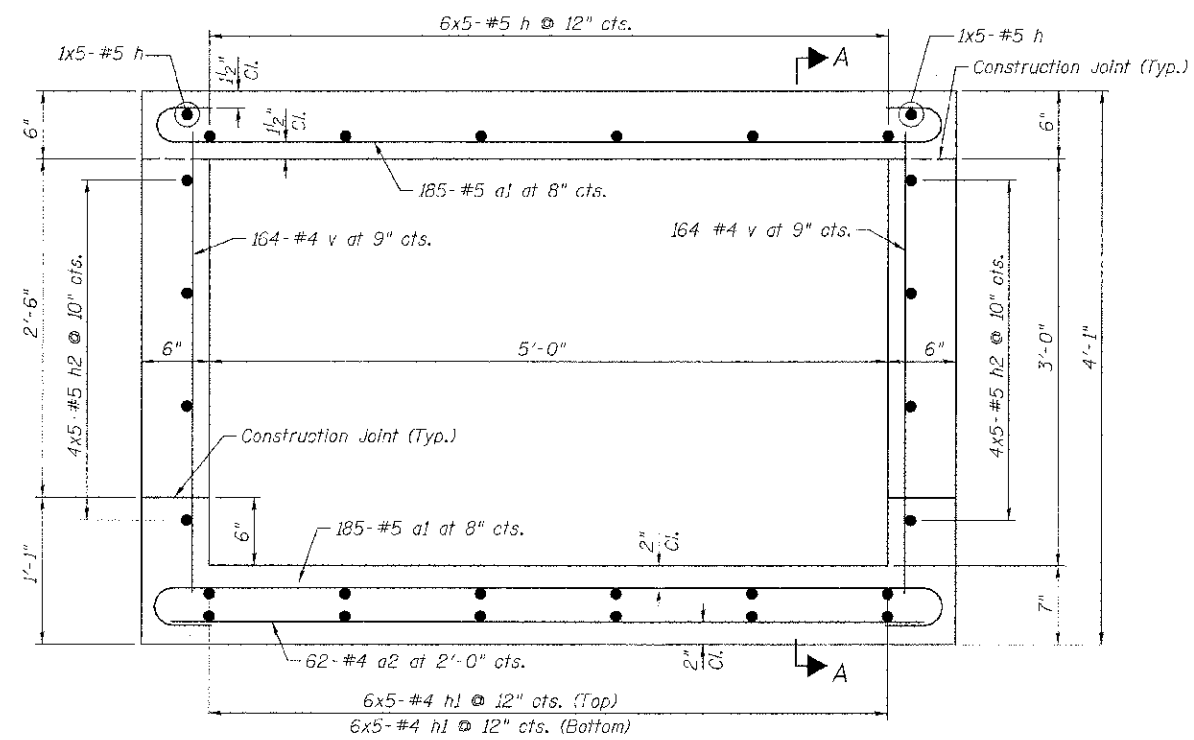
SHEET NO. 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	219
				CONTRACT NO. 63647
ILLINOIS FED. AID PROJECT				

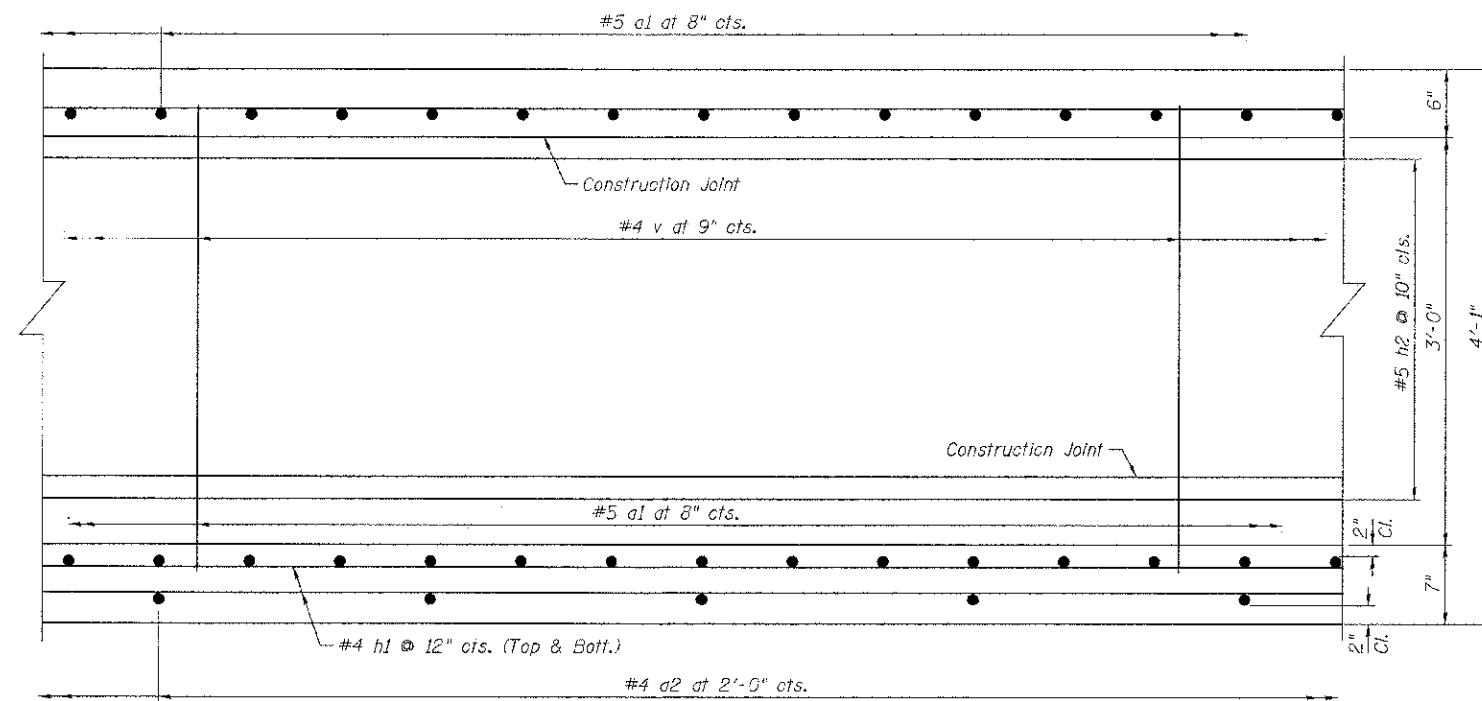
BILL OF BARS

Bar	No.	Size	Length	Shape
a1	370	#5	6'-10"	—
a2	64	#4	5'-8"	—
d	12	#4	4'-6"	└
h	40	#5	27'-0"	—
h1	60	#4	26'-6"	—
h2	40	#5	27'-0"	—
h3	32	#4	8'-0"	—
h4	4	#6	5'-9"	—
h8	24	#4	8'-3"	—
v	328	#4	3'-9"	—
v1	16	#4	6'-9"	—

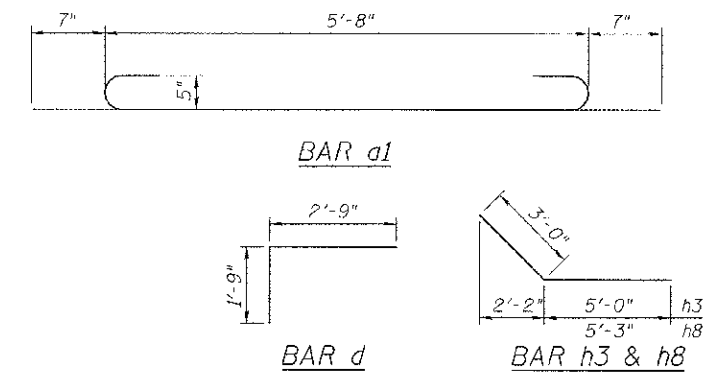
Bars indicated thus 6x5- #5 etc. indicates 6 lines of bars with 5 lengths per line.
 Minimum bar lap lengths for #5 bars is 1'-9" and for #4 bars is 1'-5".



SECTION THRU BARREL



SECTION A-A PARTIAL LONGITUDINAL SECTION



FILE NAME = ep\wadh.20387381.9eth\drawing\ault-ast\ep.04\atrin\m\cur\m\4-culvert Section,Details and Bill of Baradgn



100 S.WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 339-1000
 FAX (312) 339-4198

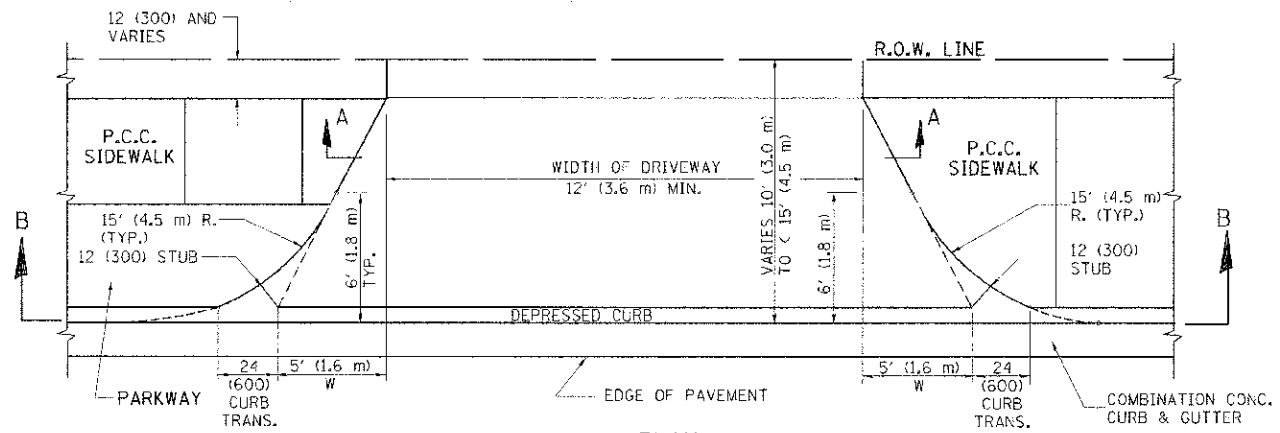
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PLCT DATE = 12/18/2012	DRAWN - SGI	REVISED -
	CHECKED - NPP	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

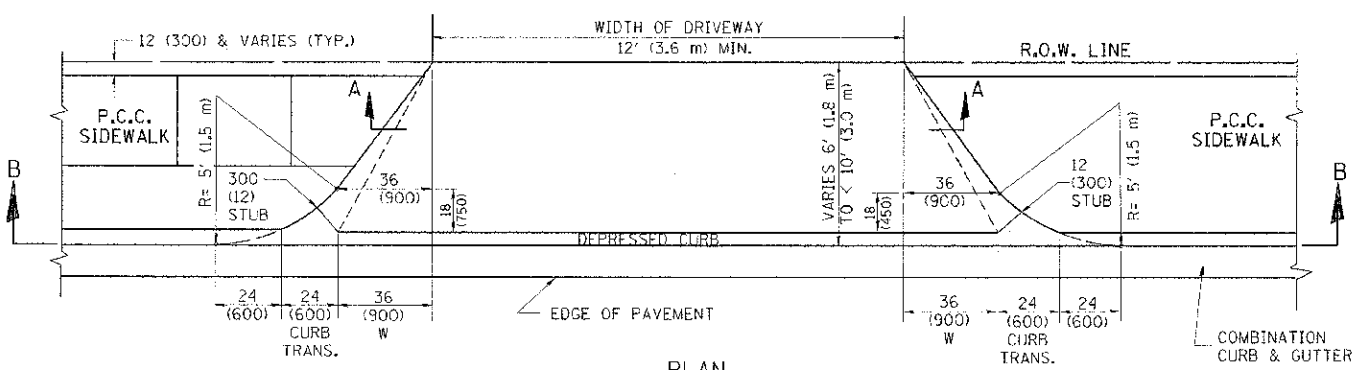
CULVERT SECTIONS, DETAILS AND BILL OF BARS

SHEET NO. 4 OF 4 SHEETS

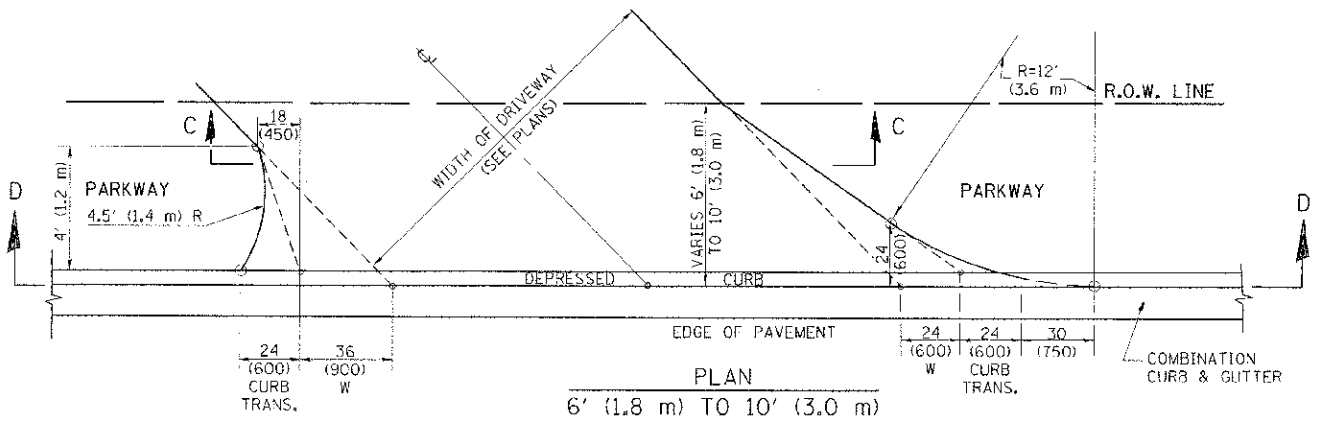
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WIL.	328	220
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	



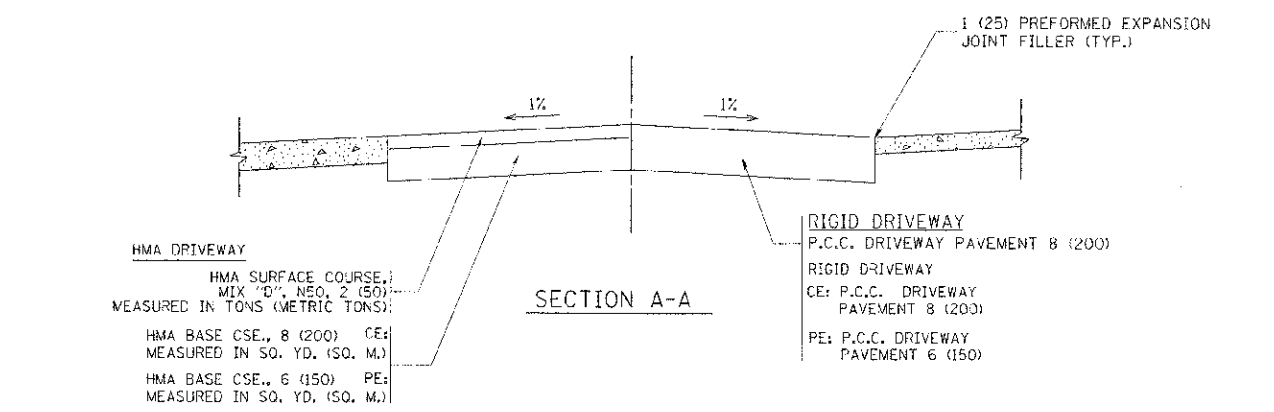
PLAN
10' (3.0 m) TO < 15' (4.5 m)



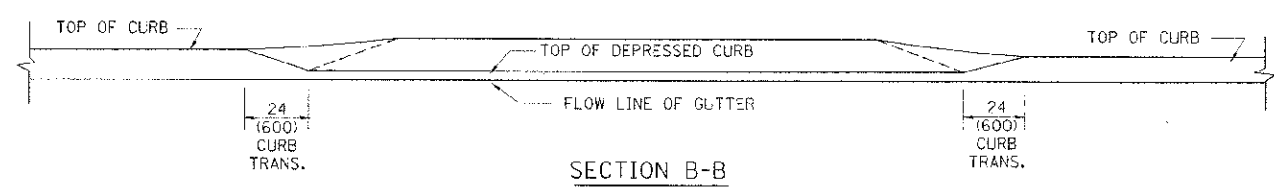
PLAN
6' (1.8 m) TO < 10' (3.0 m)



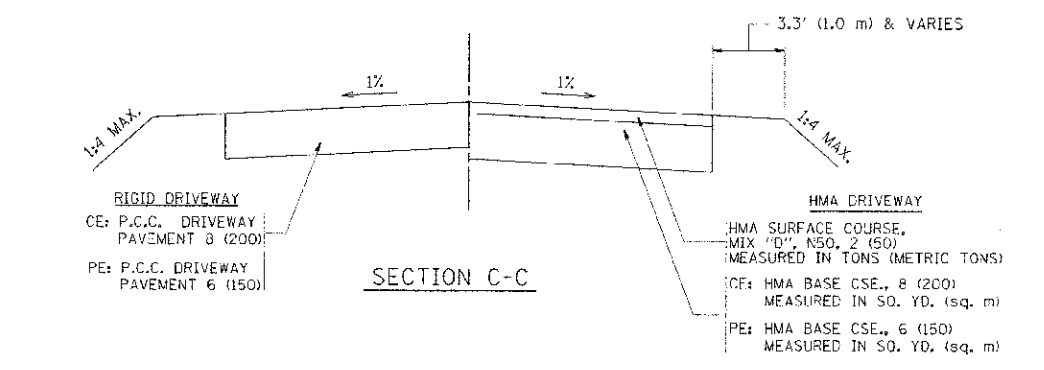
PLAN
6' (1.8 m) TO 10' (3.0 m)



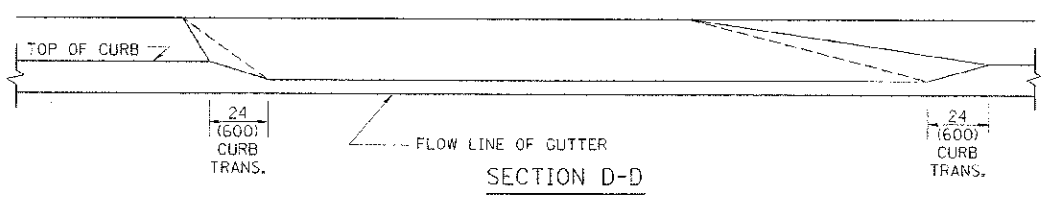
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 6' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

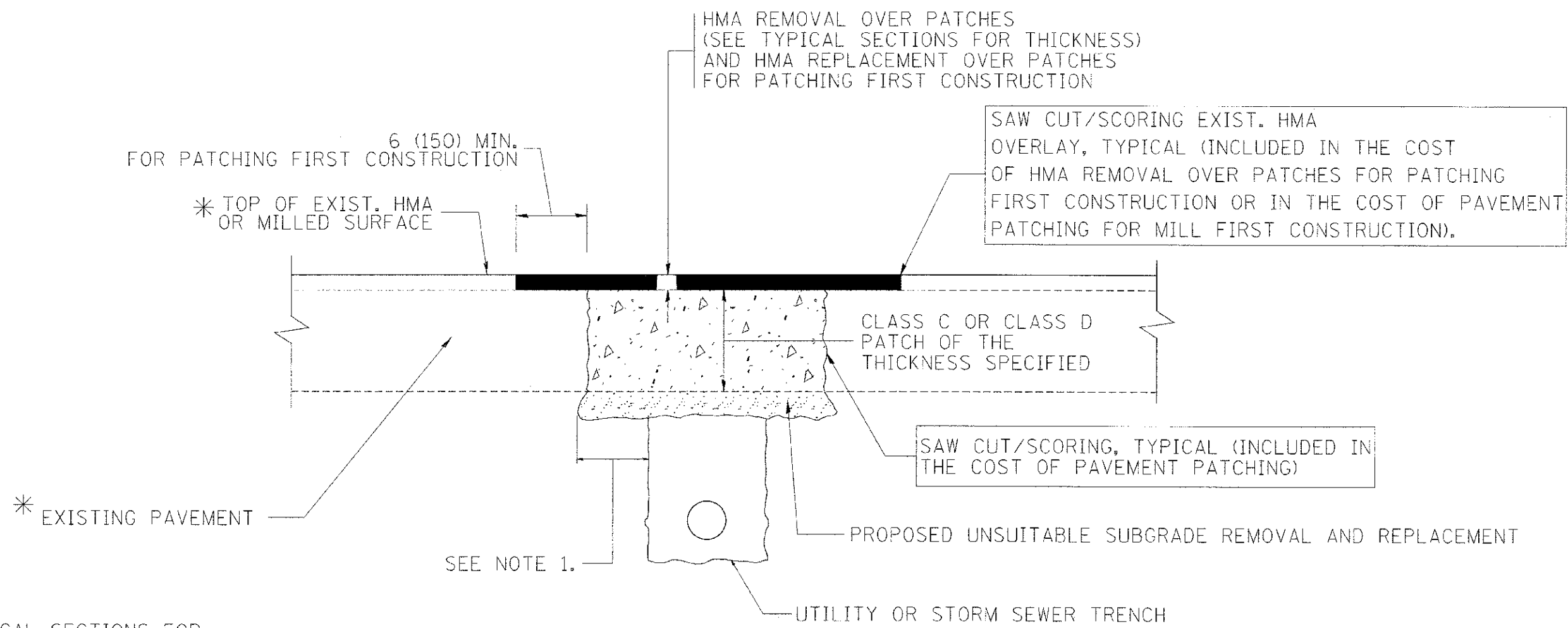
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

FILE NAME -	USER NAME - jmyro	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)</p>	F.A.M. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 224
PLUT SCALE = 3/8"=1'-0"	CHECKED -	REVISOR - P. LOFLEUR 04-15-03	REVISED - R. BORO 01-01-07		SCALE: NONE	BD400-02 (BD-02)		CONTRACT NO. 63647	
PLUT DATE = 12/28/2001	DATE - 11-06-95	REVISED - R. BORO 09-06-11			SHEET NO. 1 OF 1 SHEETS	ILLINOIS FED. AID PROJECT			
					STA. TO STA.				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

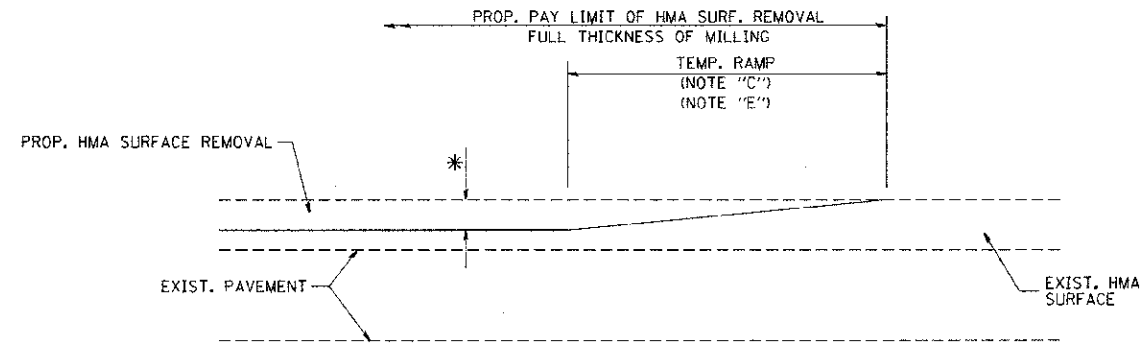
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

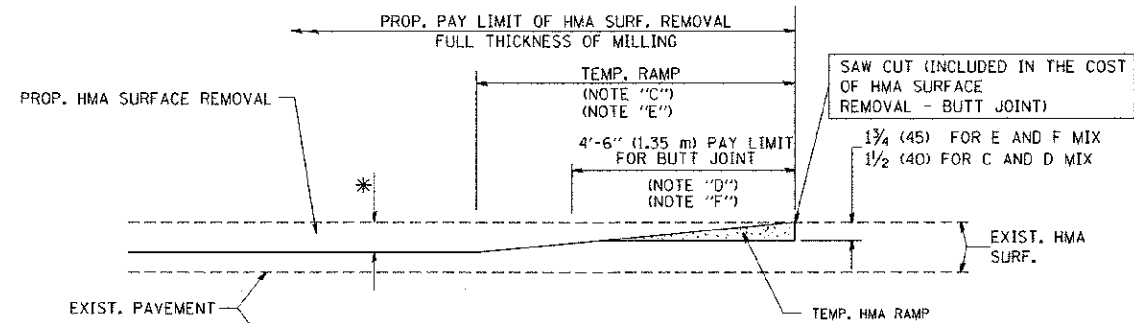
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\state\22a34\022.dwg	USER NAME = bawerd1	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A.U. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 226
PLCT SCALE = 50.000 / 1 IN.	CHECKED -	DATE - 10-25-94	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 63647	
PICT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08	REVISED - R. BORO 09-04-07				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



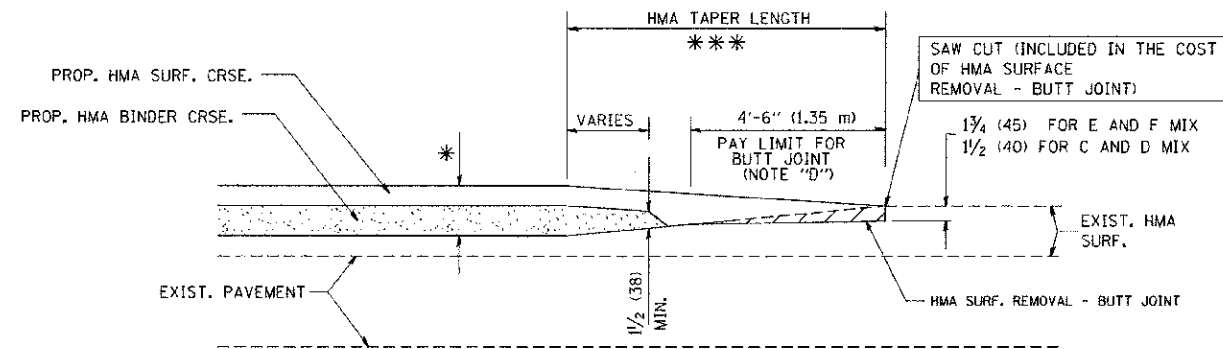
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

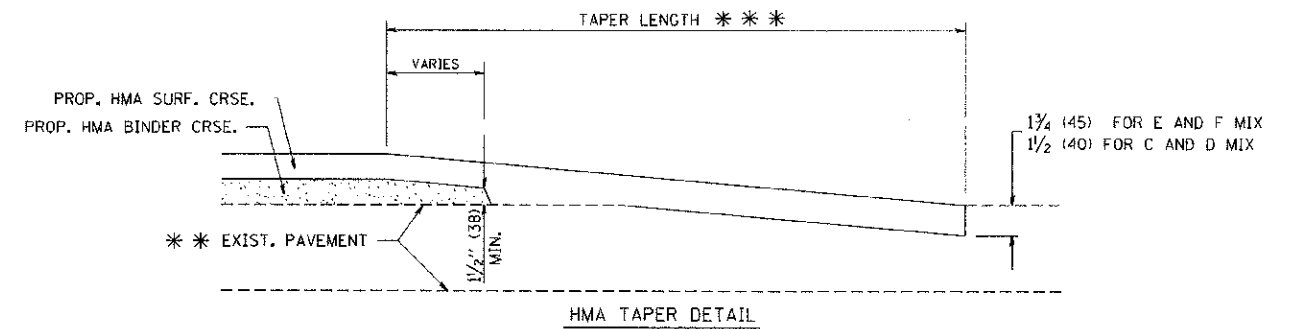
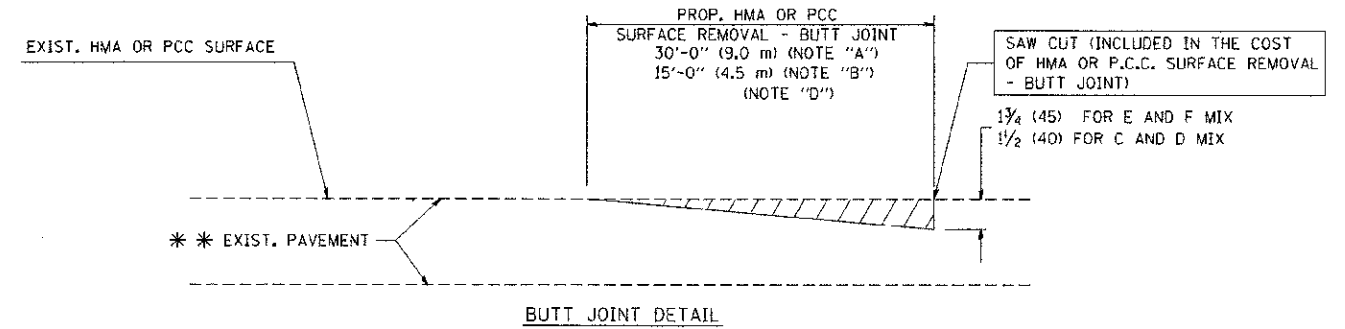


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2
TYPICAL TEMPORARY RAMP



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



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

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

NOTES

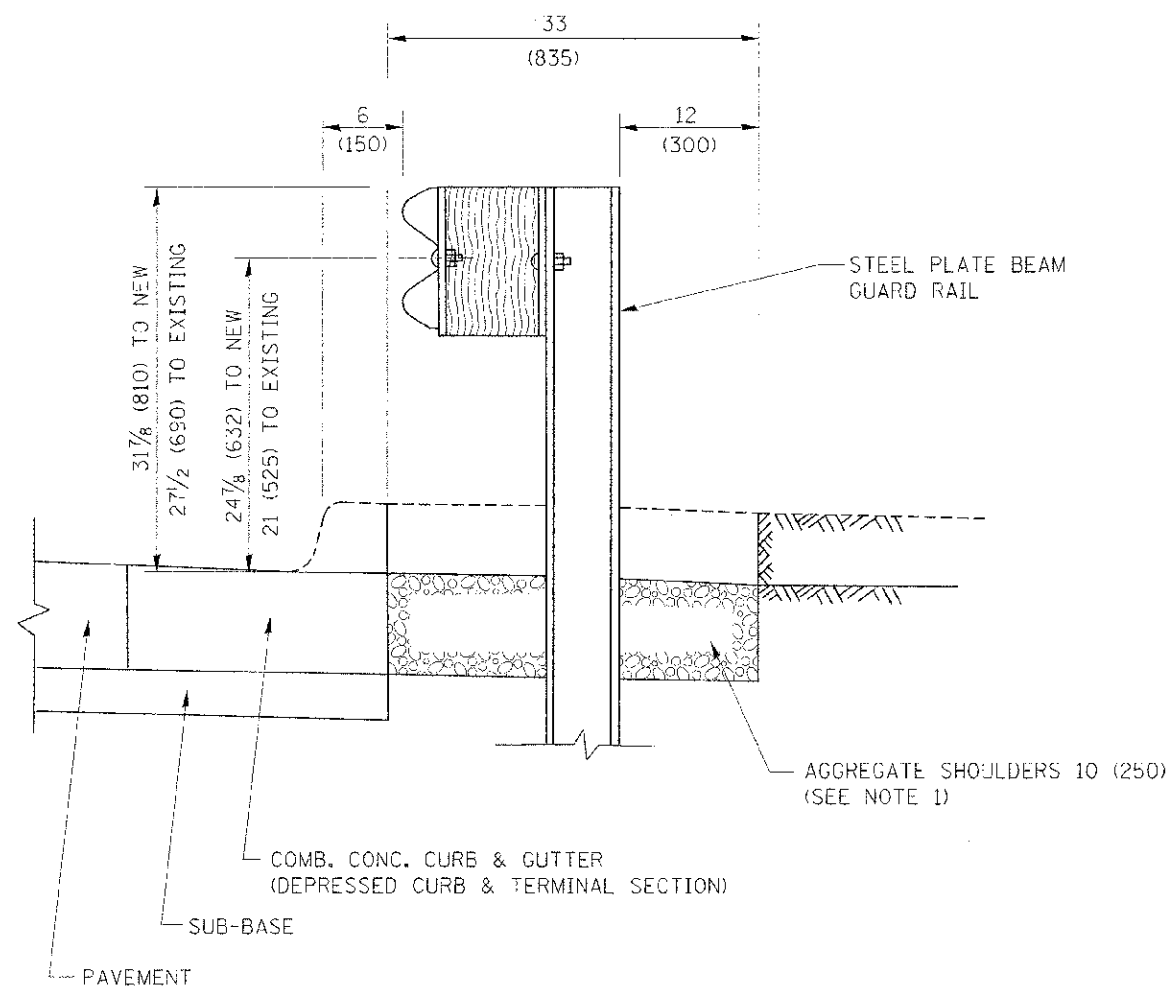
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF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

BASIS OF PAYMENT:

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

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

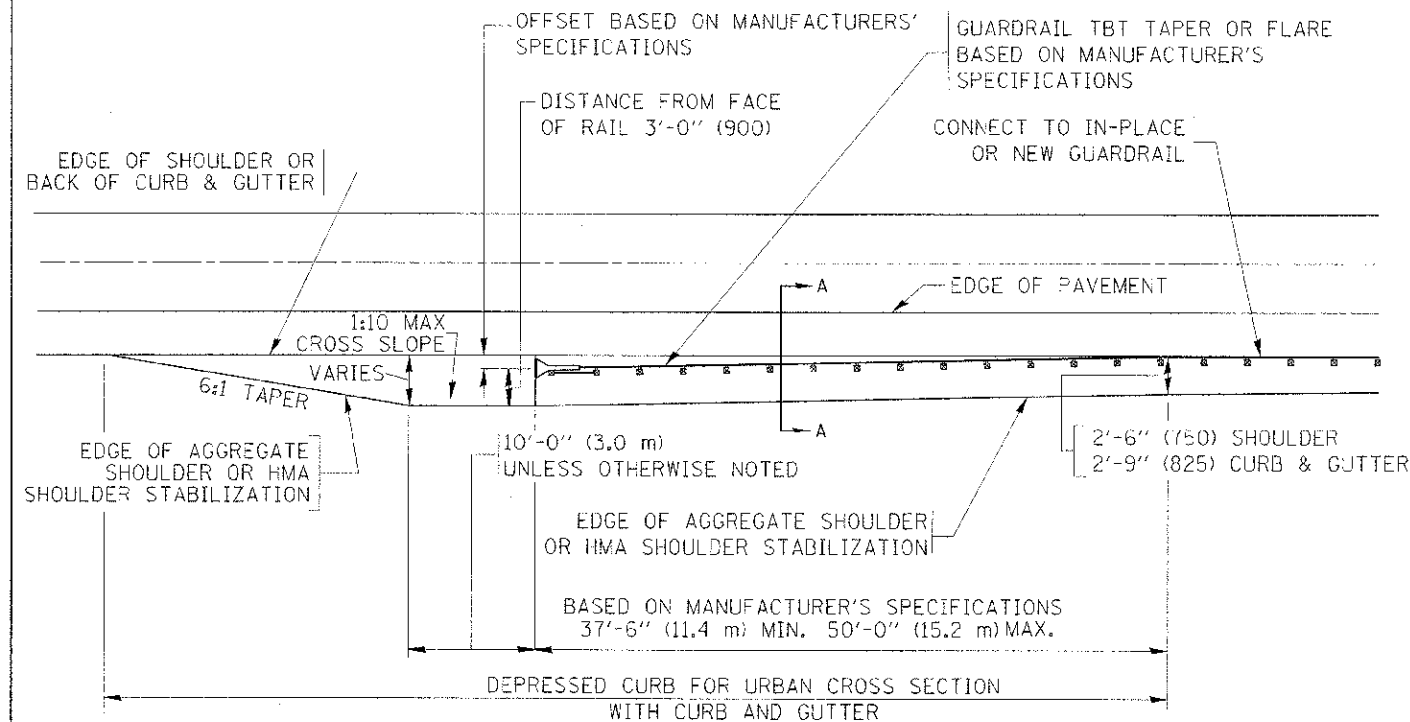
FILE NAME = W:\d\stsd\22x34\bd32.dgn	USER NAME = gaglienob	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		F.A.U. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 227
PLOT SCALE = 50,000.0 / IN.	CHECKED -	DATE - 06-13-90	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD400-05 BD32		CONTRACT NO. 63647
PLOT DATE = 1/4/2009	DATE -	REVISED - M. GOMEZ 04-06-01	REVISED - R. BORO 01-01-07								
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT											



SECTION A-A

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

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



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

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

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

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

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

FILE NAME	ORDER NAME	DESIGNED - M. DE YONG	REVISED - R. BORO 01-01-07
		DRAWN	REVISED - R. BORO 12-08-2008
		CHECKED	REVISED - H. BORO 09-14-2009
		DATE 09-22-90	REVISED - R. BORO 08-06-2012

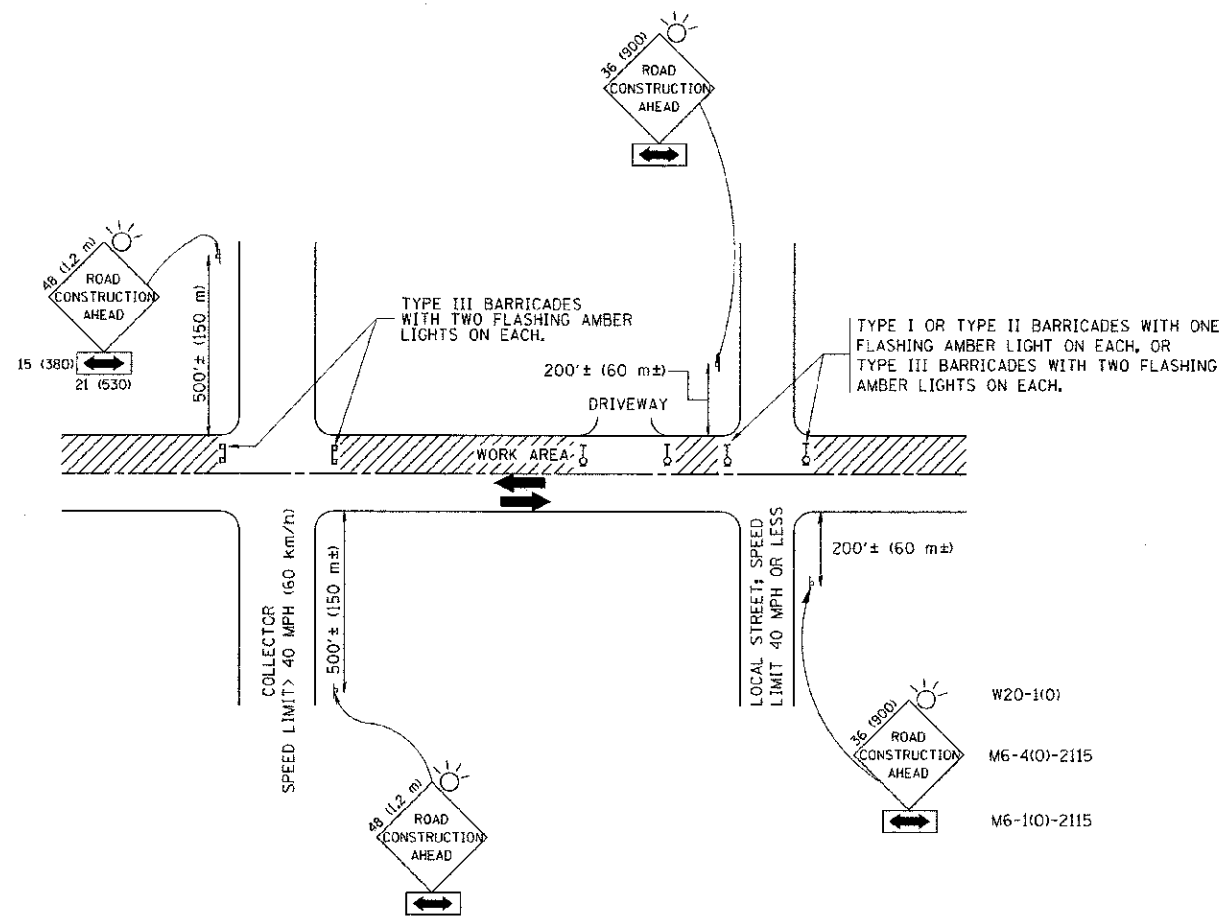
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE. 1644	SECTION 01-00181-00-TP	COUNTY WILL	TOTAL SHEETS 328
	BD600-10 (BD 34)	CONTRACT NO. 63647	SHEET NO. 228

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



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

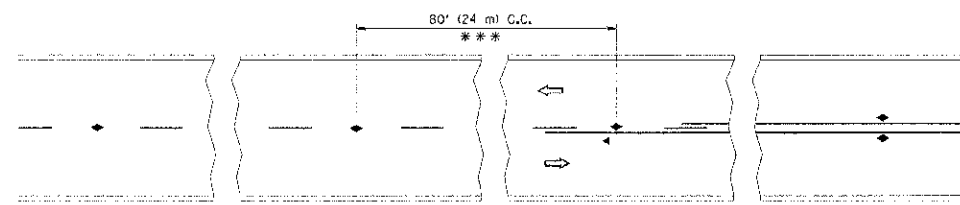
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\distrsd\22-34\1c18.dgn	USER NAME = qgq1enobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

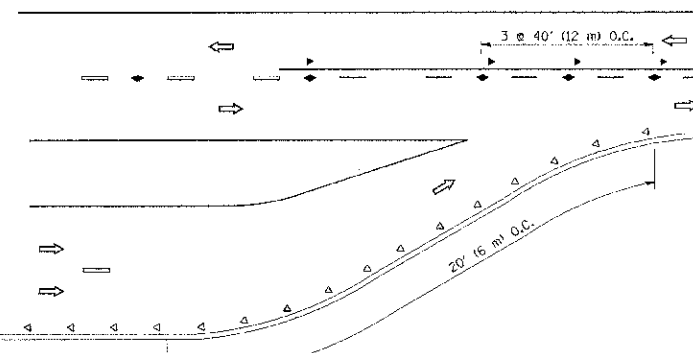
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.M. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 229
TC-10			CONTRACT NO. 63647	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

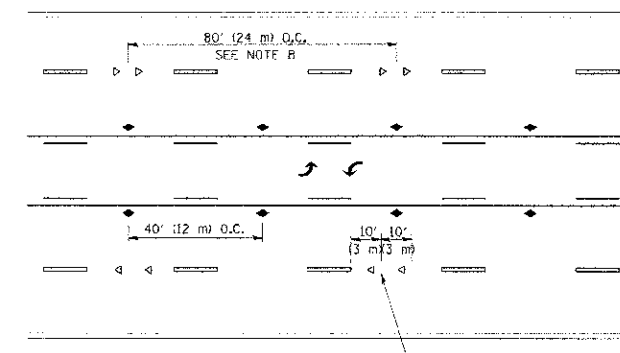


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

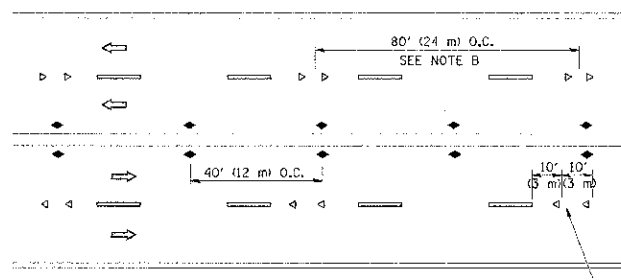
TWO-LANE/TWO-WAY



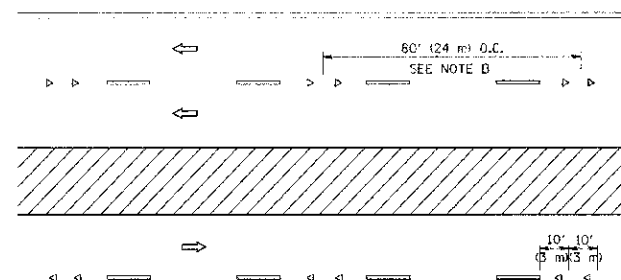
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

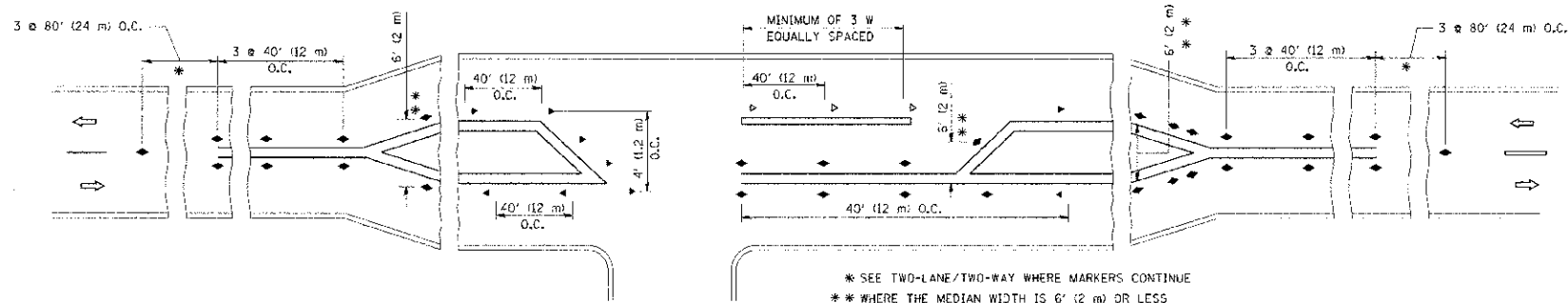
1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE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

SYMBOLS

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

LANE MARKER NOTES

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

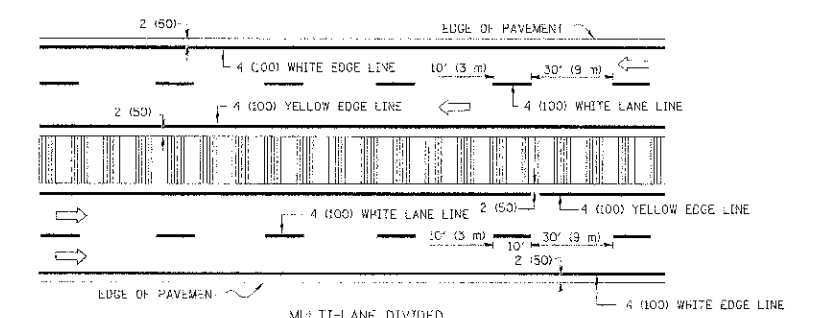
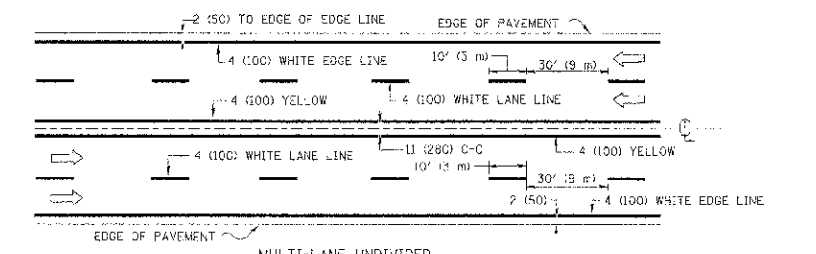
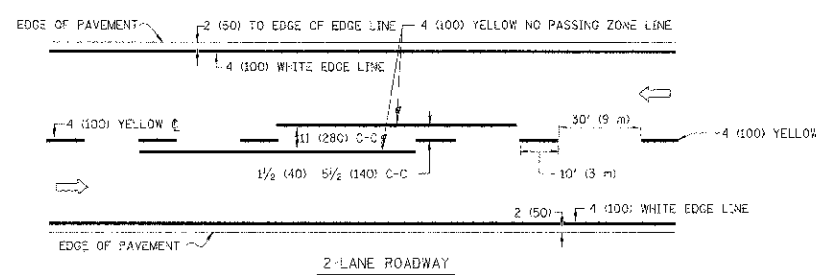


* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

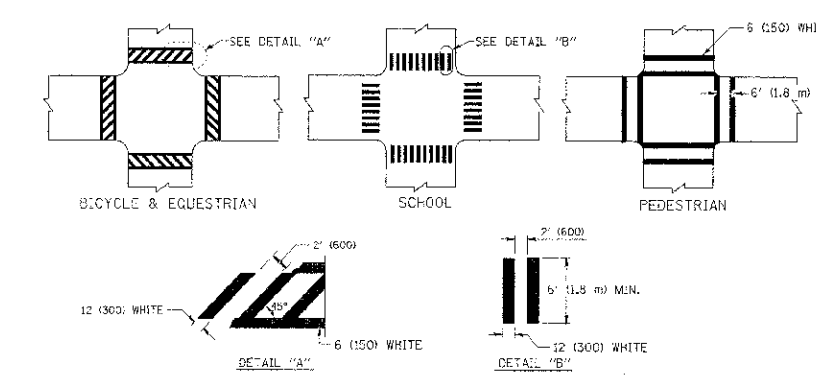
All dimensions are in inches (millimeters) unless otherwise shown.

PROJECT NAME: 01/01/2001	USER NAME: jaygoe	DESIGNED:	REVISED: T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		F.A.U. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEETS NO. 230
	PLCT SCALE: 1/8" = 1'-0"	CHECKED:	REVISED: T. RAMMACHER 01-06-00		REVISED: C. JUCIUS 09-09-09	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-11	CONTRACT NO. 63647	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

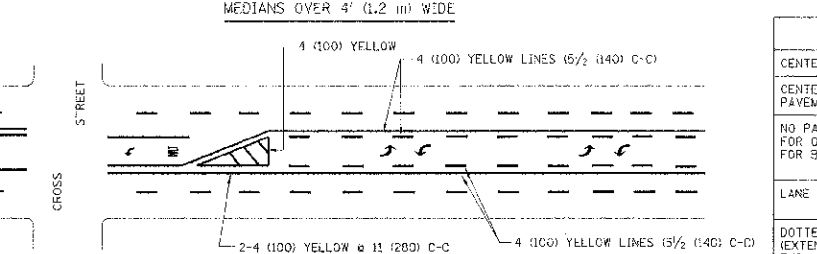
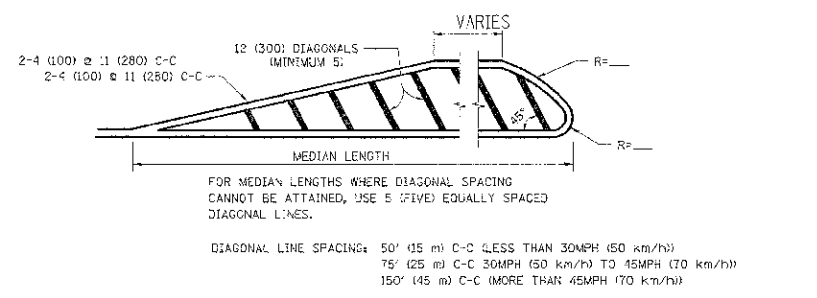
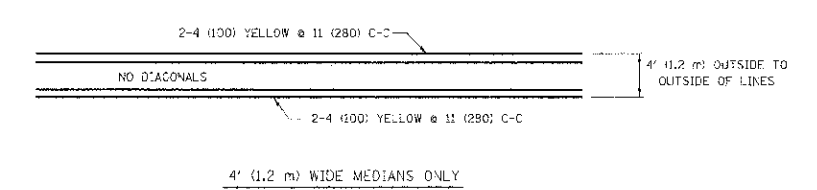


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



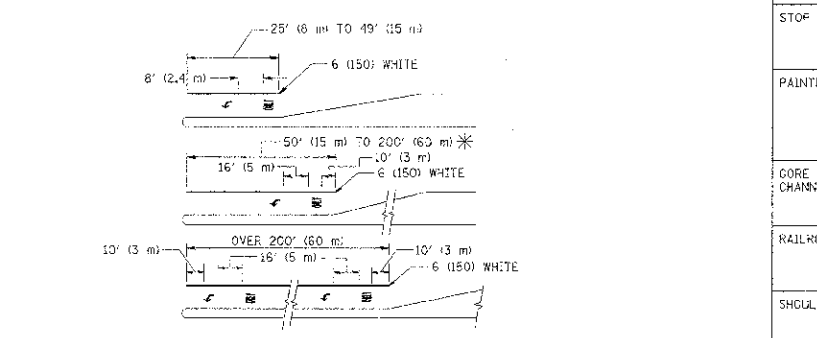
TYPICAL CROSSWALK MARKING



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



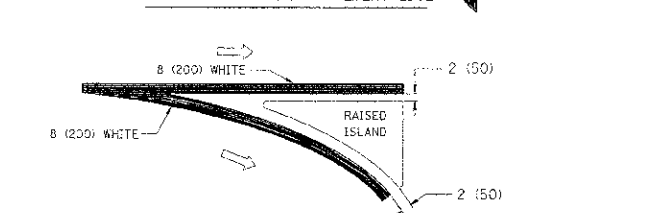
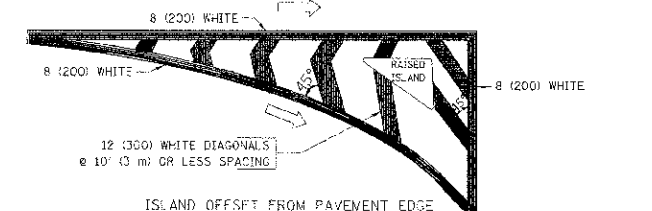
TYPICAL TURN LANE MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) (OR) AREA = 20.3 SQ. FT. (1.9 m²)

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

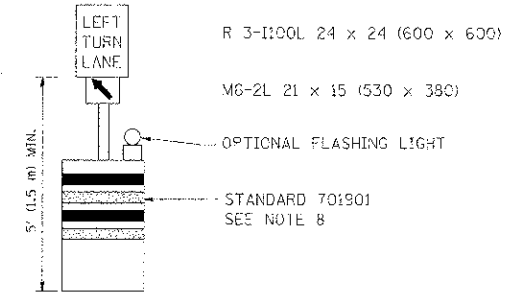
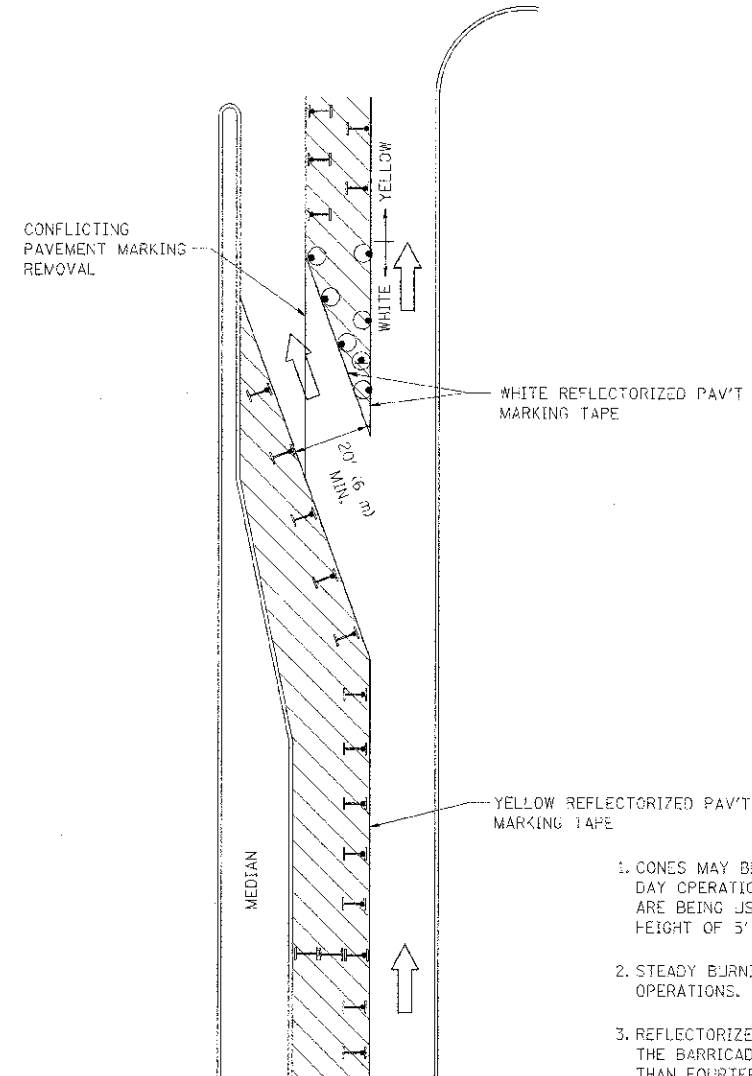


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON M.J.T.'S LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 6 (125)	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL-SIZE LETTERS & SYMBOLS 18' (2.4 m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 3/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO-WAY TRAFFIC WHITE: ONE-WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	6 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS 18 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (22.5 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

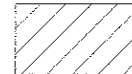







GENERAL NOTES

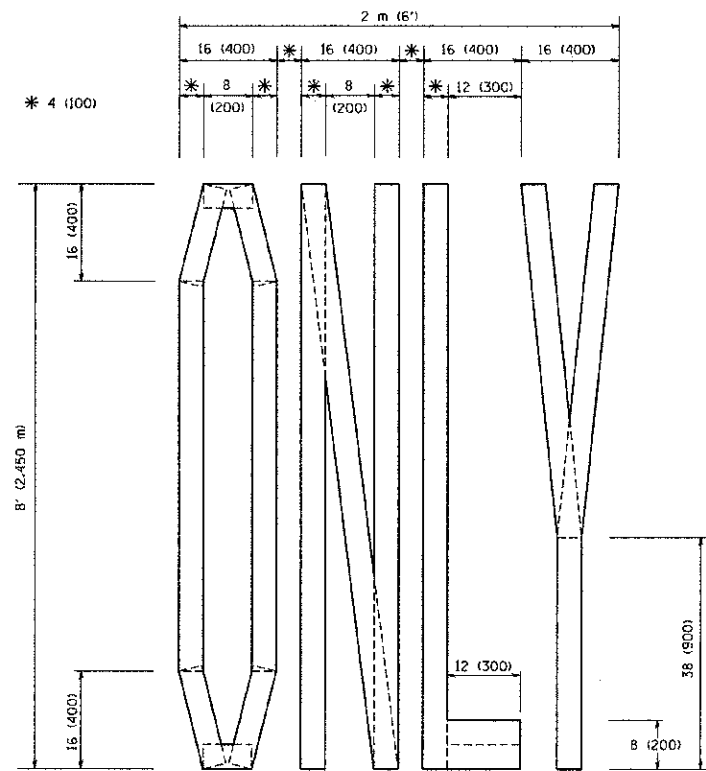
1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

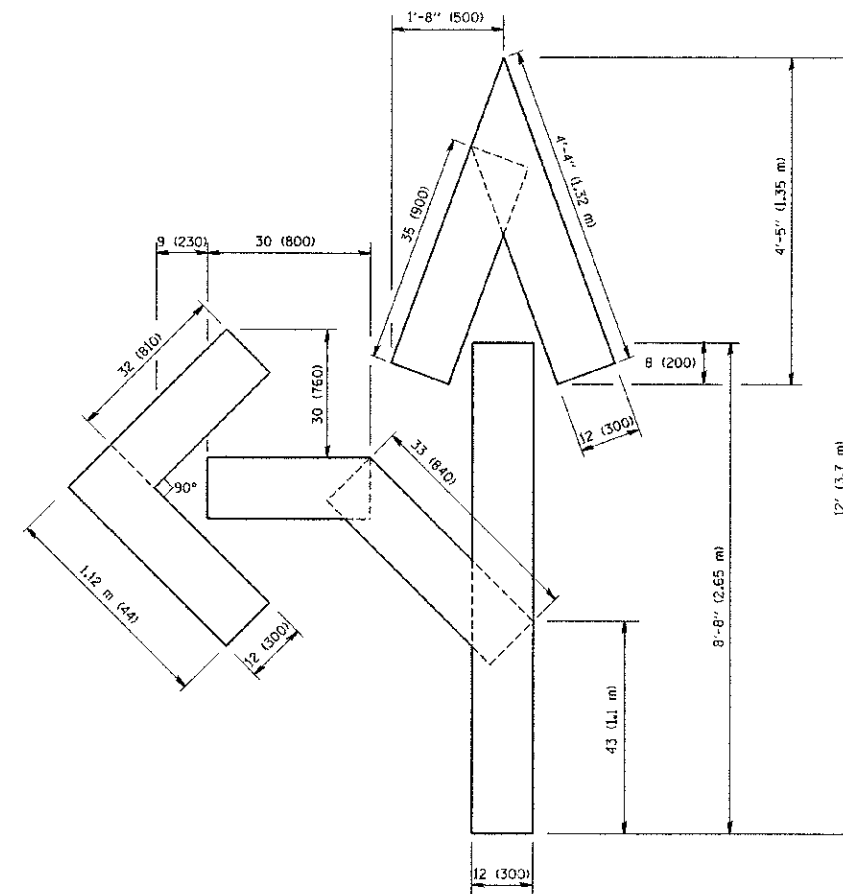
LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

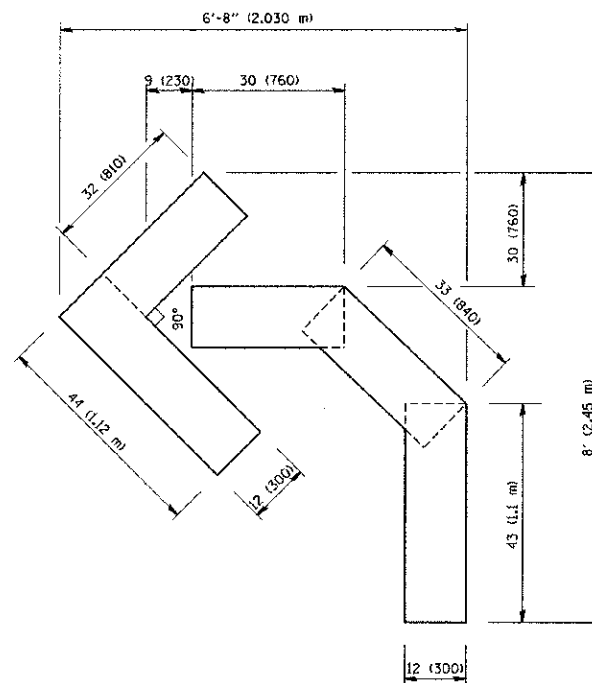
FILE NAME *	USER NAME *	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT NO. * 4430193 / 111	DATE	REVISED - A. HOUSEH 11-07-95	REVISED -		1644	01-00181-00-PP	WILL	328	232			
PLOT DATE = 9/24/2009		REVISED - A. HOUSEH 10-12-96	REVISED -		TC-14			CONTRACT NO. 63647				
		REVISED - T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

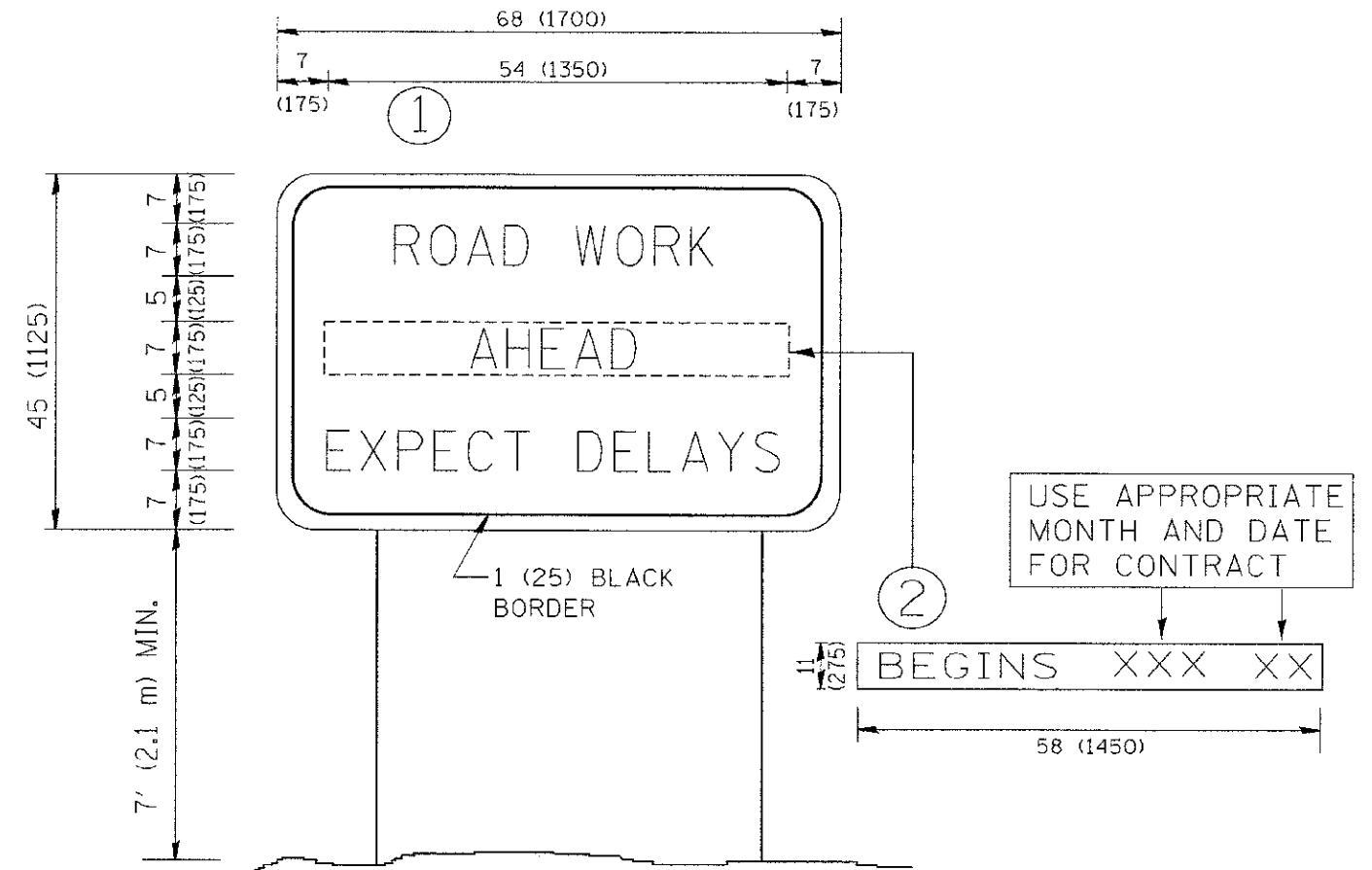
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		DRAWN -	REVISED - T. RAMMACHER 11-04-97
		CHECKED -	REVISED - T. RAMMACHER 03-02-98
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.D. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 233
TC-16			CONTRACT NO. 63647	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

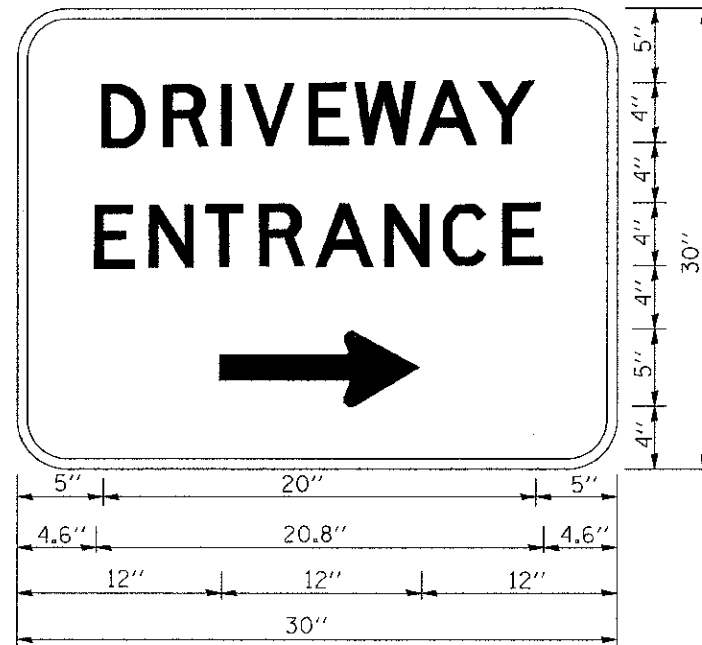


NOTES:

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

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

FILE NAME = W:\data\22\24\to22.dgn	USER NAME = goglianob	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A.D. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 234	
	PLOT SCALE = 50,000 / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22		CONTRACT NO. 63647	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED - C. JUCIUS 01-31-07									

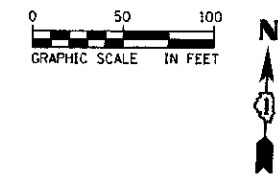


3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

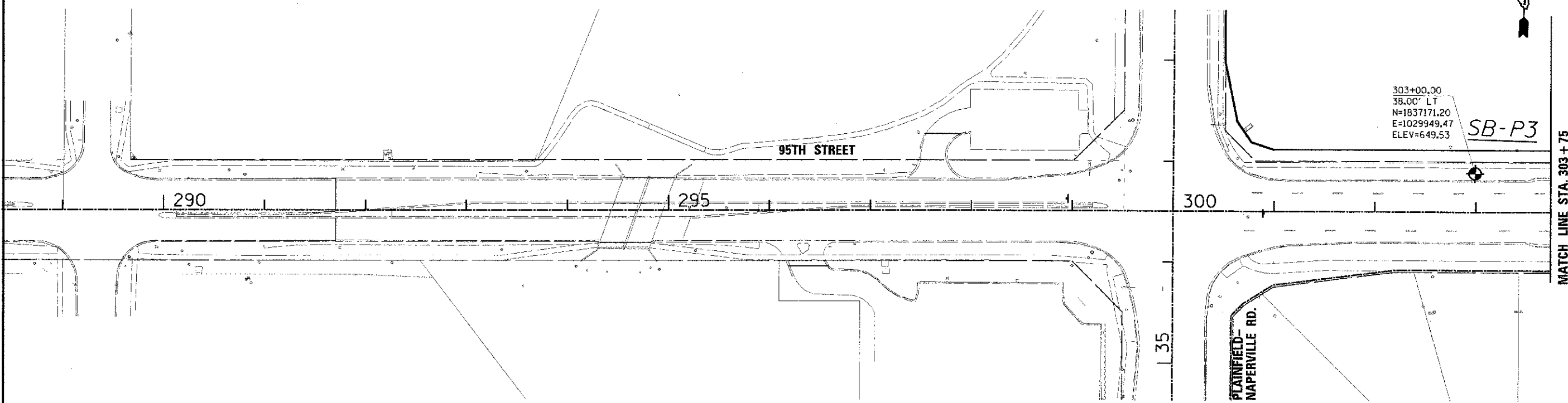
1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.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

FILE NAME = W:\d1stssd\22x34\to26.dgn	USER NAME = gajlianobz	DESIGNED -	REVISED - C. JUXTUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING				F.A.A. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 235
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/4/2009	DATE -	REVISED -					TC-26			CONTRACT NO. 63647		

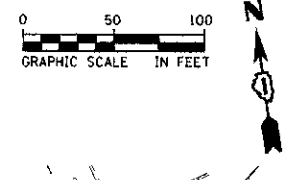


303+00.00
38.00' LT
N=1837171.20
E=1029949.47
ELEV=649.53

SB-P3



CITY OF NAPERVILLE



315+20.00
49.00' LT
N=1837097.61
E=1031174.93
ELEV=667.90

SB-N9

309+00.00
49.00' RT
N=1837100.02
E=1030549.32
ELEV=657.04

SB-N6

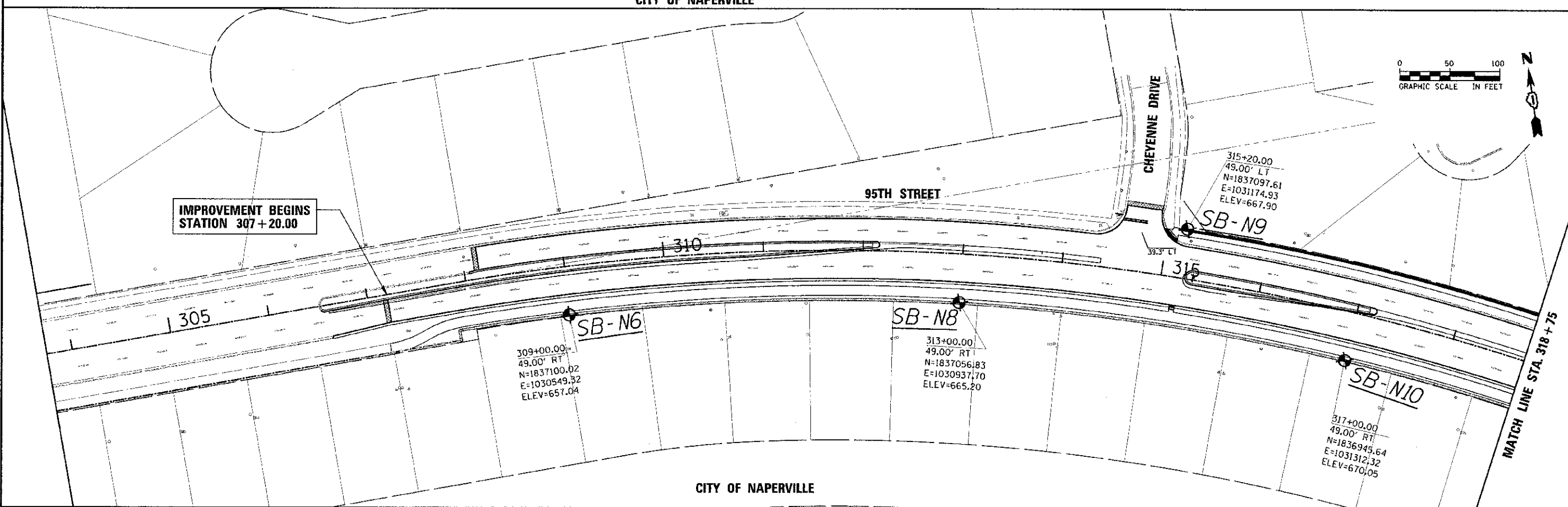
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49.00' RT
N=1837056.83
E=1030937.70
ELEV=665.20

SB-N8

317+00.00
49.00' RT
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ELEV=670.05

SB-N10

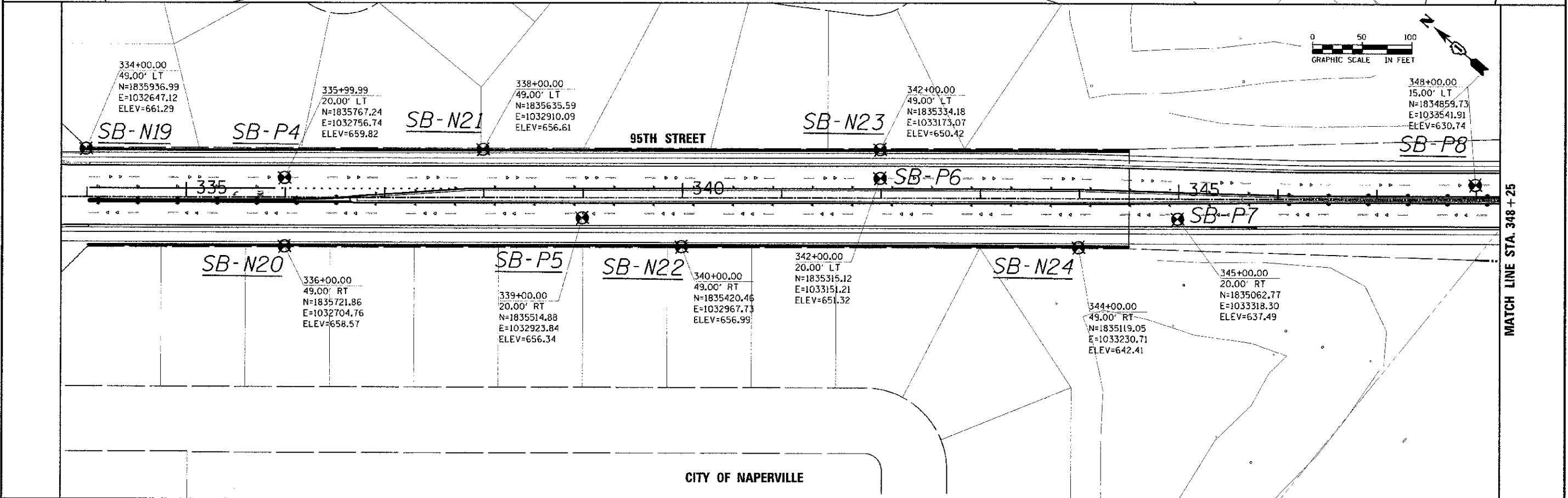
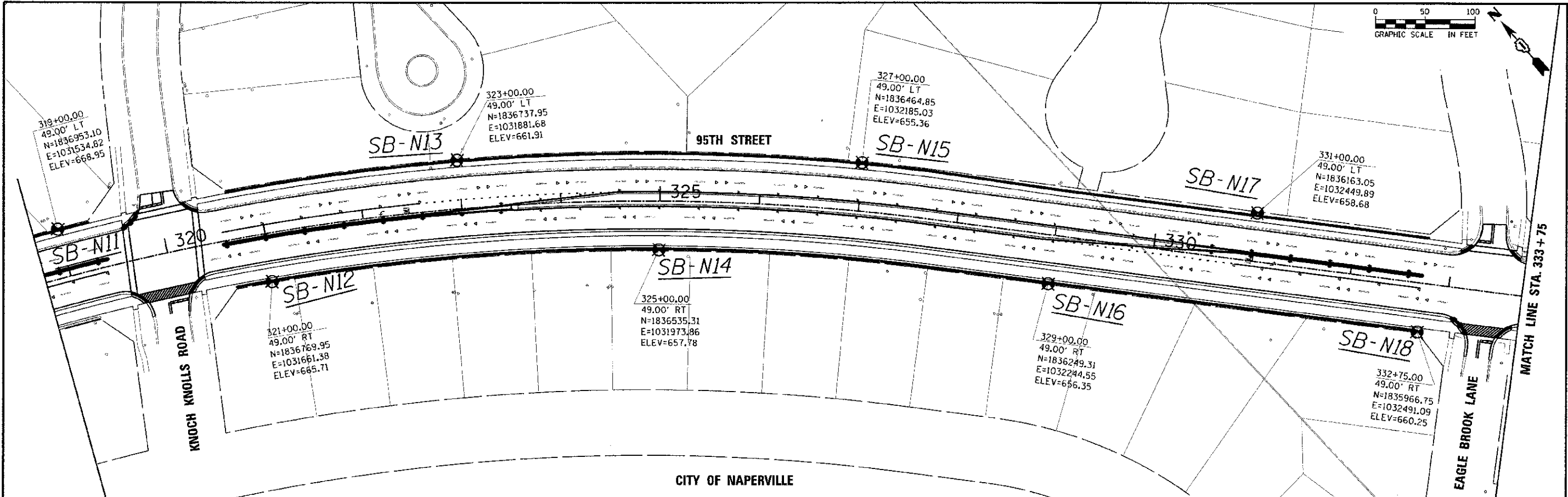
IMPROVEMENT BEGINS
STATION 307+20.00



CITY OF NAPERVILLE

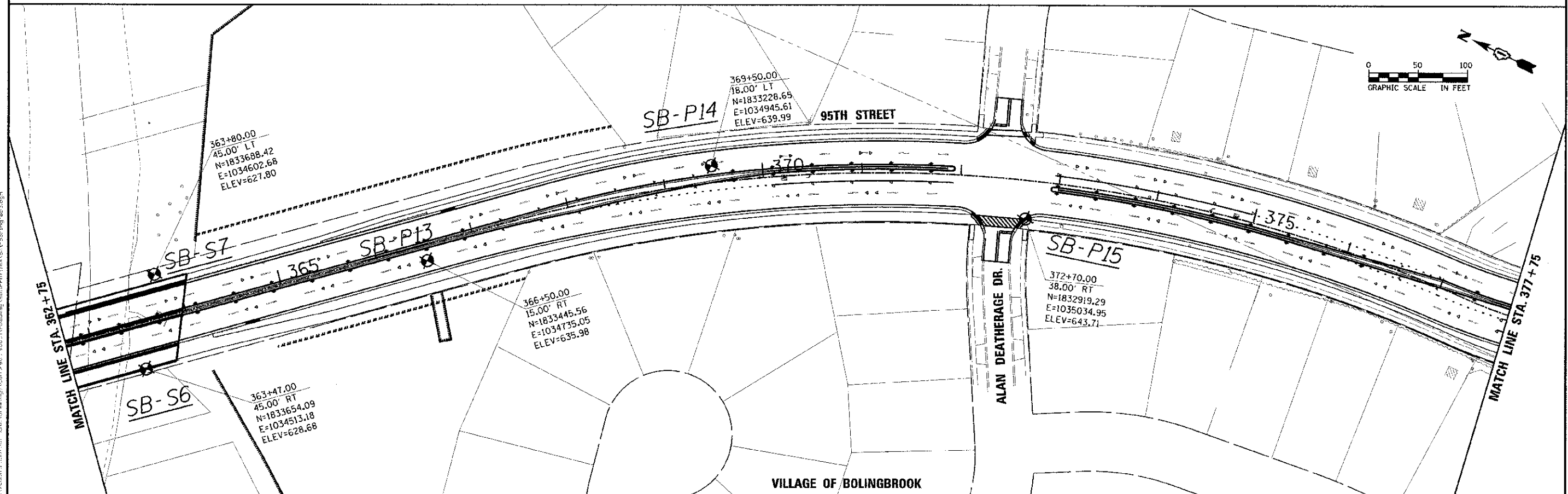
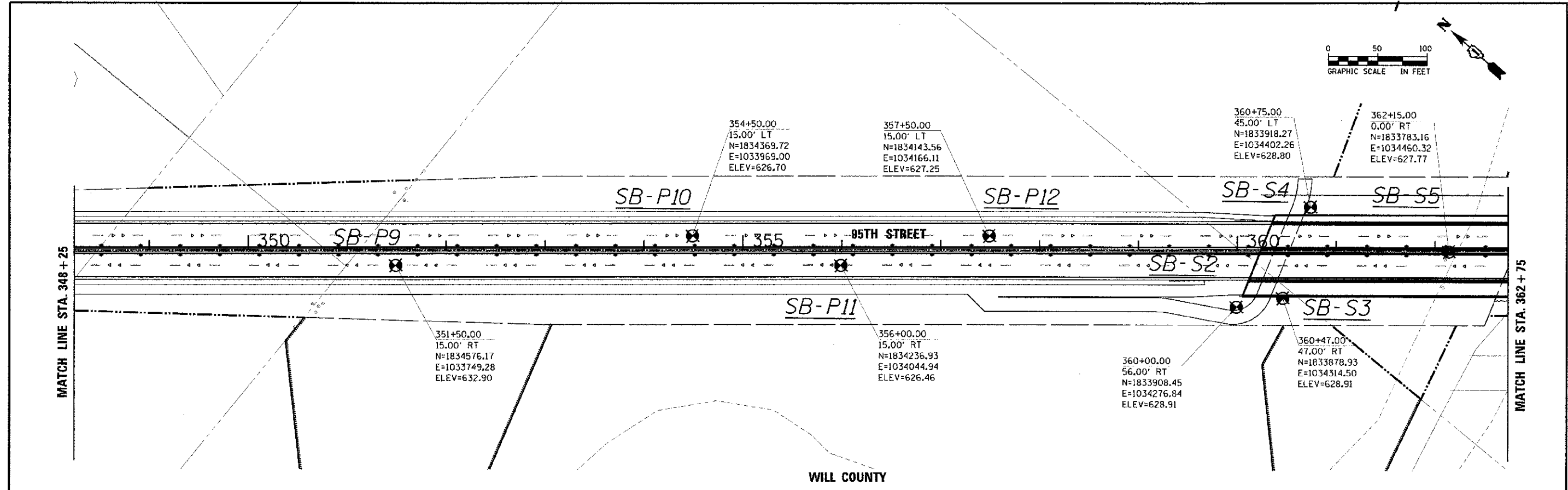
URS 100 S. WACKER DR. SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198	USER NAME: jones.push PLOT SCALE: 1"=50' PLOT DATE: 10/26/2012	DESIGNED: JRP DRAWN: MRF CHECKED: JRP DATE: 10/19/2012	REVISED: REVISED: REVISED: REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	95TH STREET SOIL BORING LOCATION PLAN	F.A.U. RT# 1644 SECTION 01-00181-00-FP COUNTY WILL TOTAL SHEETS 328 SHEET NO. 236 CONTRACT NO. 63647
	SCALE: 1"=50' DRAWING NO. 1 OF 4 STA. 291+70.56 TO STA. 318+75		ILLINOIS FED. AID PROJECT			

FILE NAME: c:\users\jones\appdata\local\temp\temp\soil_boring_location\soil_boring_location.dwg



URS 100 S. WACKER DR. SUITE 500 CHICAGO, IL 60606 TEL (312) 939-4000 FAX (312) 939-4098	USER NAME: jones_cush	DESIGNED: JRP	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	95TH STREET SOIL BORING LOCATION PLAN		F.A.U. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 237	
	PLOT SCALE: 1"=50'	CHECKED: JRP	REVISIONS:		SCALE: 1"=50'	DRAWING NO. 2 OF 4	STA. 318+75 TO STA. 348+25	CONTRACT NO. 63647 ILLINOIS FED. AID PROJECT				
	PLOT DATE: 10/16/2012	DATE: 10/19/2012	REVISIONS:									

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 PLOT DATE: 10/16/2012

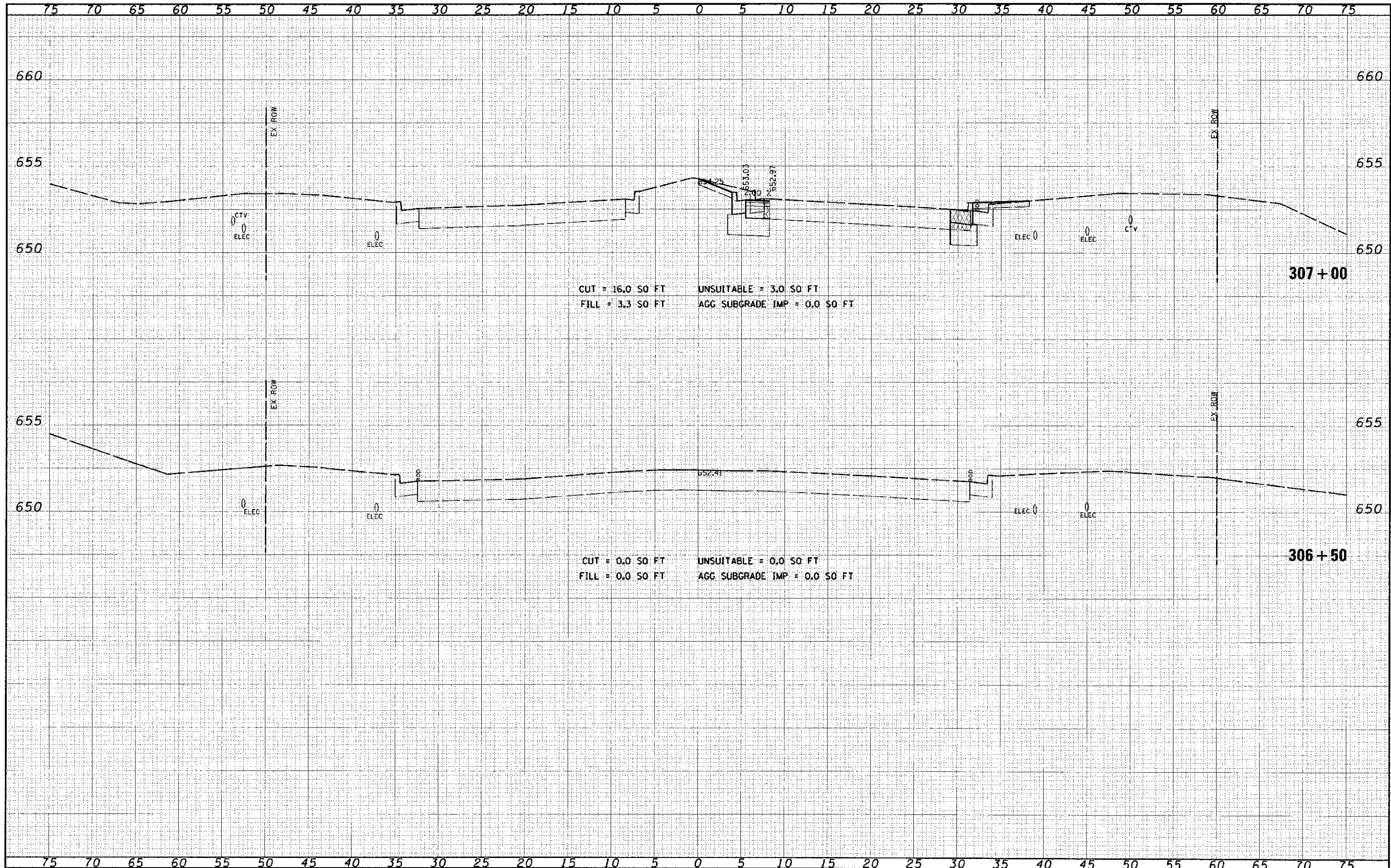


100 S. WACKER DR. SUITE 500 CHICAGO, IL 60606 TEL (312) 939-4000 FAX (312) 939-4998	USER NAME = jgms-puash PLOT DATE = 10/16/2012	DESIGNED - JRP DRAWN - MRF CHECKED - JRP DATE - 10/19/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	95TH STREET SOIL BORING LOCATION PLAN SCALE: 1"=50' DRAWING NO. 3 OF 4 STA. 348+25 TO STA. 377+75	F.A.I.L. RYE. 1644 SECTION 01-00181-00-PP COUNTY WILL TOTAL SHEETS 328 SHEET NO. 238 CONTRACT NO. 63647	ILLINOIS FED. AID PROJECT
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P:\E:\MHE - at\vechb\2012\7181_95th\Drawings\SoilBoring\SoilBoringPlan3.dwg
 PLOT DATE = 10/16/2012

DATE	
BY	
PROJECT	
SHEET	
NO. OF SHEETS	
DATE	
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PROJECT	
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DATE	
BY	
PROJECT	
SHEET	
NO. OF SHEETS	



CUT = 16.0 SO FT UNSUITABLE = 3.0 SO FT
 FILL = 3.3 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 0.0 SO FT UNSUITABLE = 0.0 SO FT
 FILL = 0.0 SO FT AGG SUBGRADE IMP = 0.0 SO FT

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PROJECT	
SHEET	
NO. OF SHEETS	

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REVISED	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

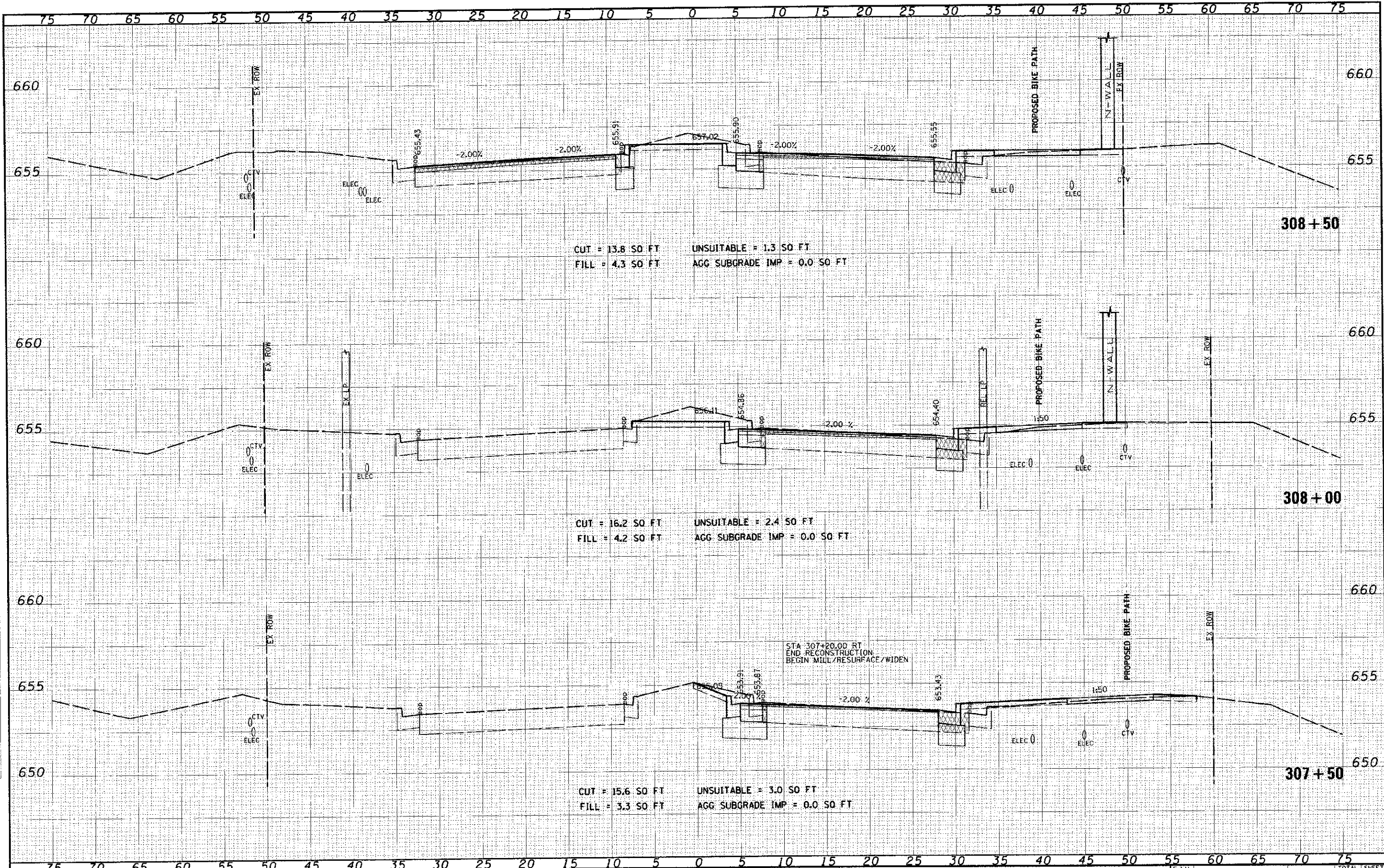
CROSS SECTIONS
 95th STREET

SCALE: 1"=5'H; 1"=2.5'V SHEET NO. 1 OF 75 SHEETS STA. 306+50 TO STA. 306+99

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00181-00-FP	WILL	328	240
CONTRACT NO. 63647			
ILLINOIS FED. AID PROJECT			

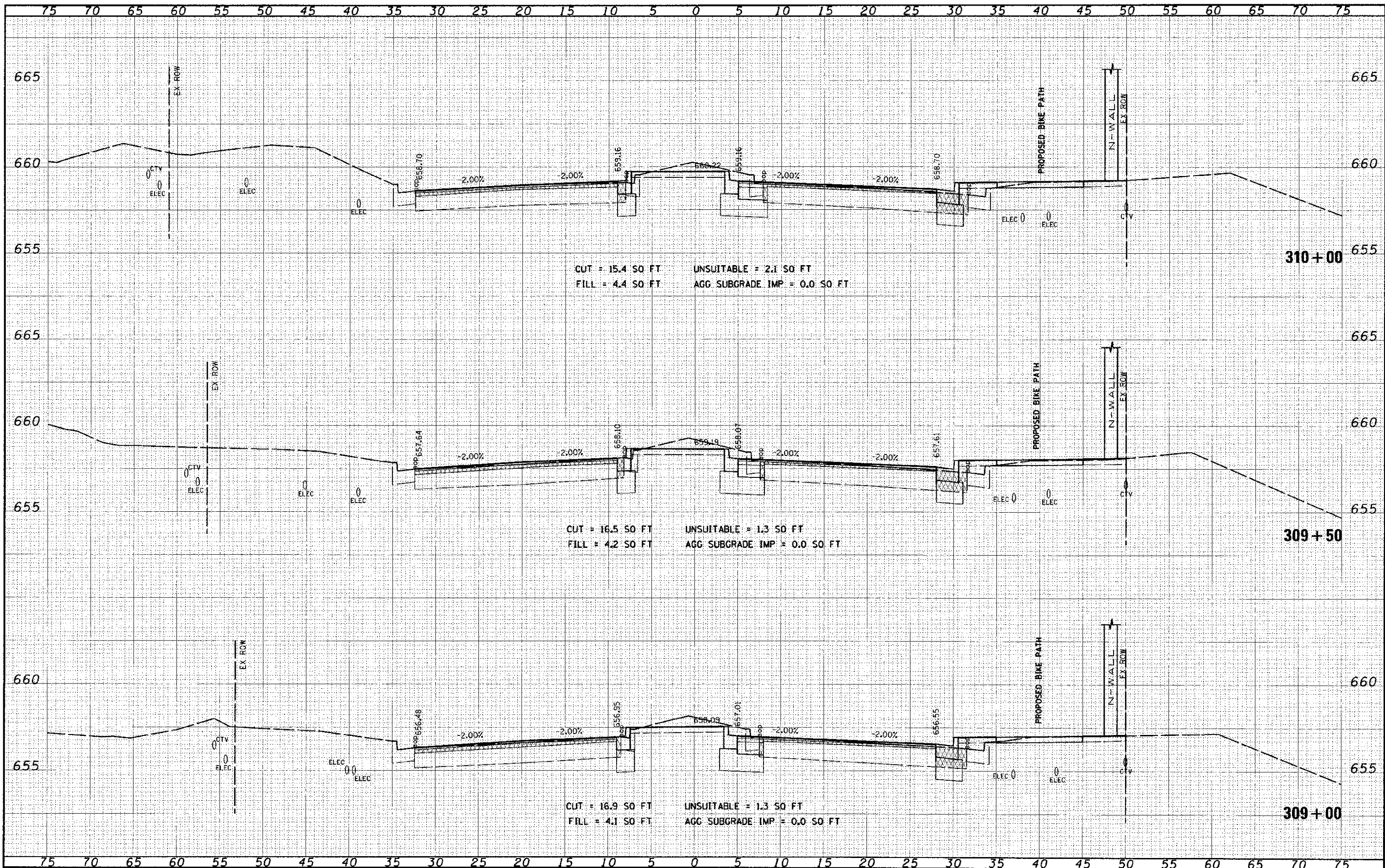
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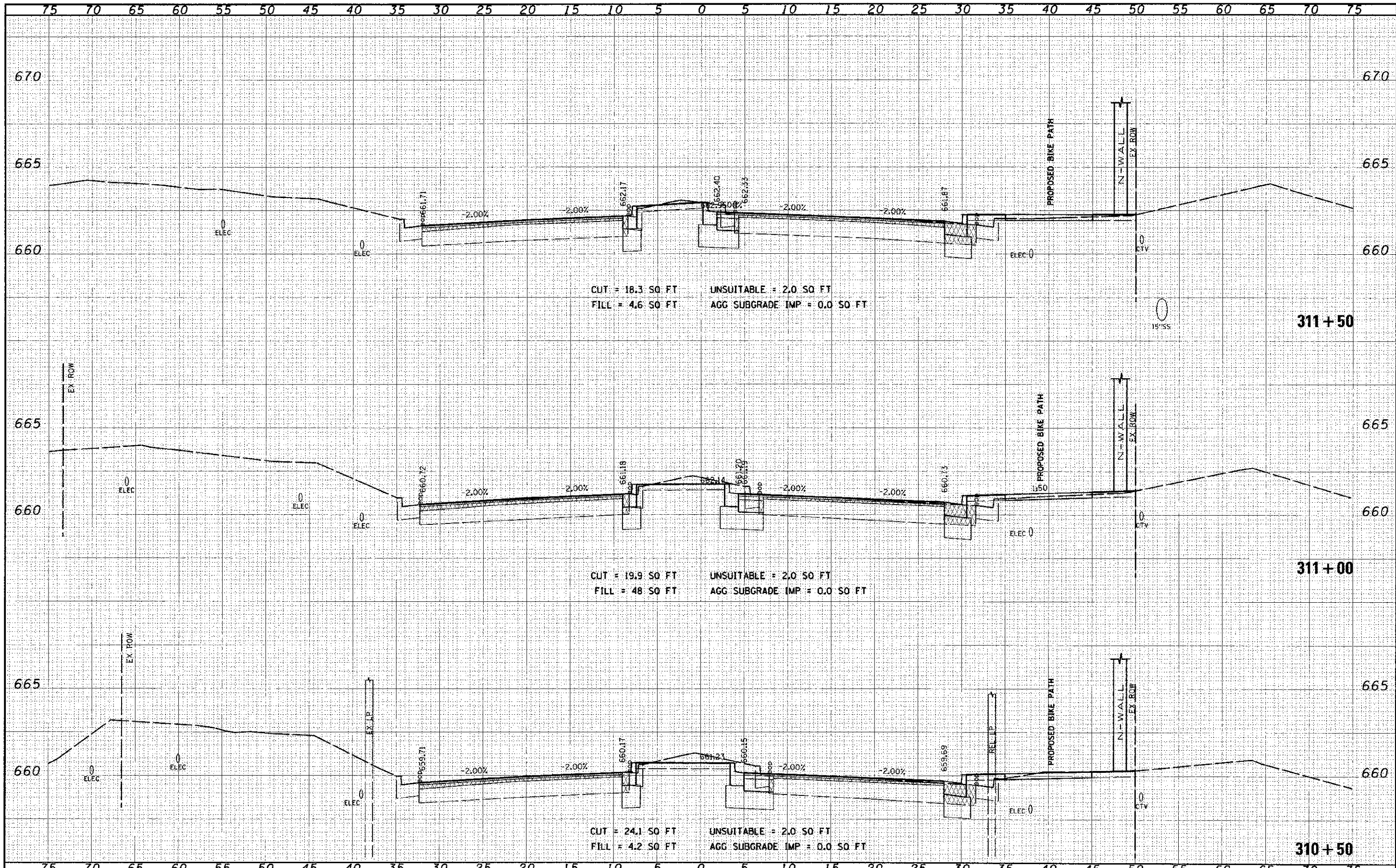
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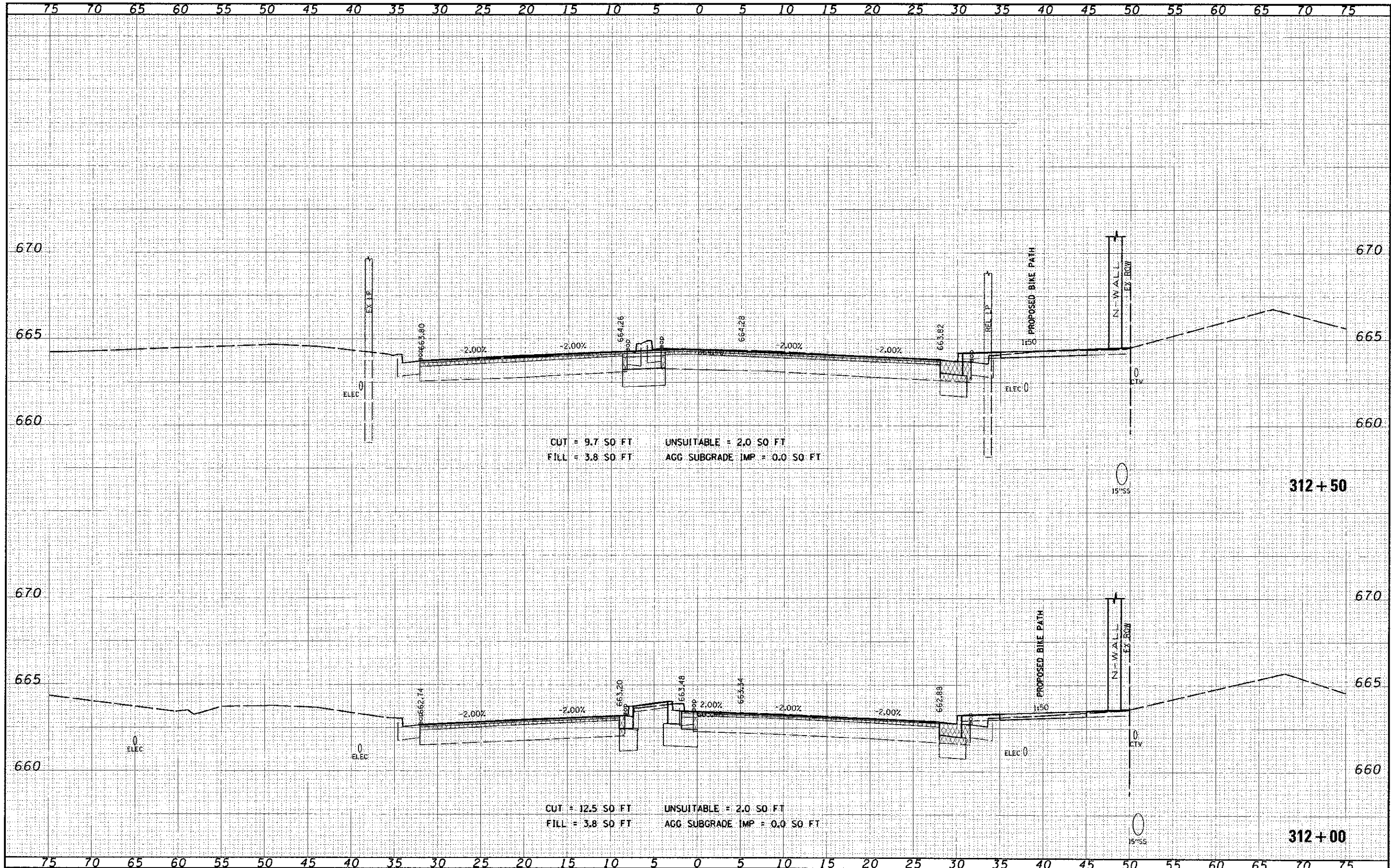
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ORIGINAL	SY
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DESIGNED	
DRAWN	
CHECKED	
DATE	



CUT = 9.7 SO FT
 FILL = 3.8 SO FT
 UNSUITABLE = 2.0 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

CUT = 12.5 SO FT
 FILL = 3.8 SO FT
 UNSUITABLE = 2.0 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

FILE NAME	012.LL*
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USER NAME	james.p...
PLT SCALE	5.0000 / In.
PLT DATE	10/10/2012

DESIGNED	
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CHECKED	
DATE	

REVISED	
REVISED	
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REVISED	

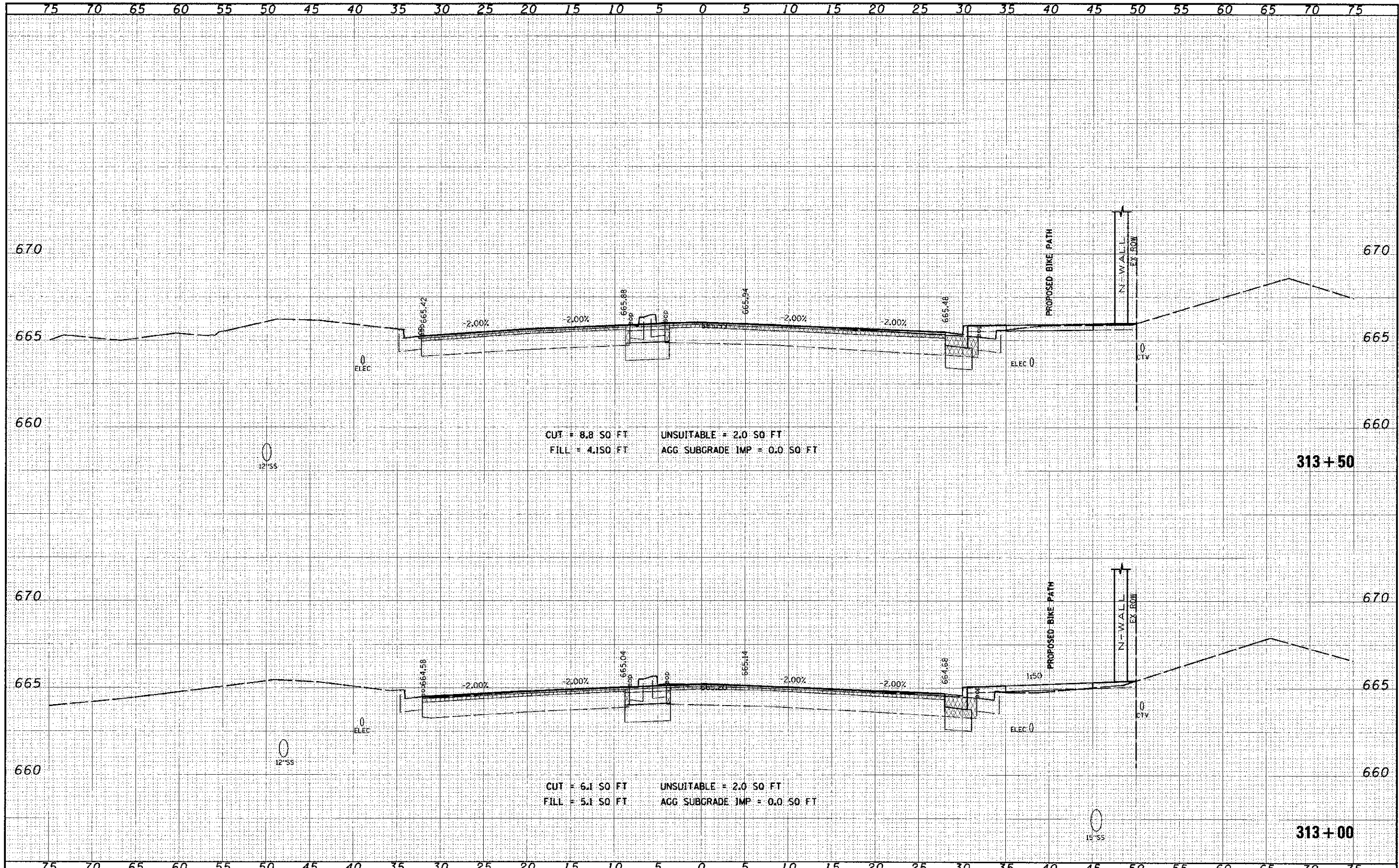
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1"=5'H; 1"=2.5'V; SHEET NO. 5 OF 75 SHEETS; STA. 312+00 TO STA. 312+50

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS
1644	01-00181-00-PP	WILL	328 244
			CONTRACT NO. 63647
ILLINOIS' FED. AID PROJECT			

DATE	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	

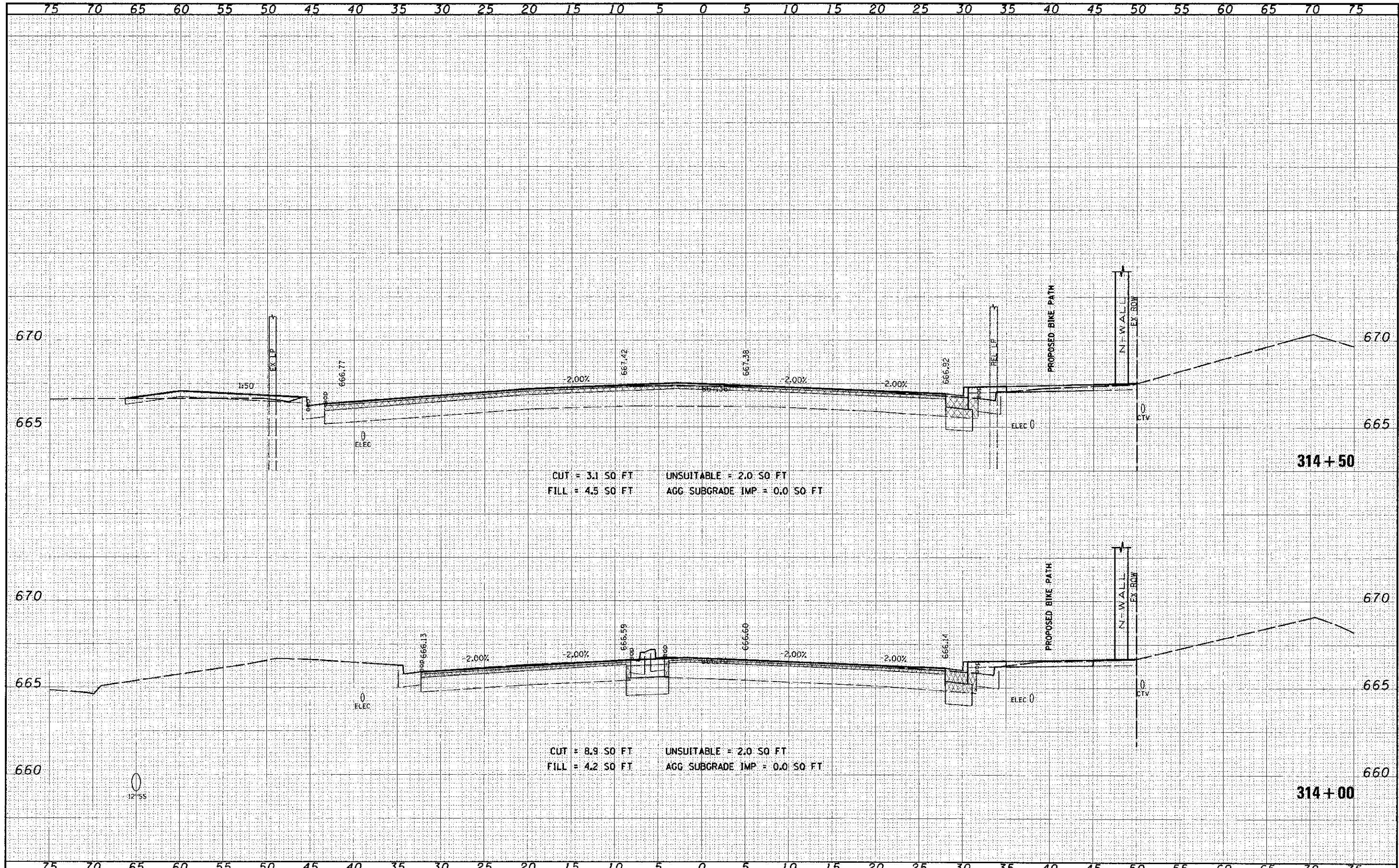
DATE	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	



FILL NAME *F1.E1.F	DESIGNED	REVISOR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	SCALE: 1"=5' H, 1"=25' V	SHEET NO. 6 OF 75 SHEETS	STA. 313+00 TO STA. 313+50	F.A.U. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS	SHEET NO.
	DRAWN	REVISOR									328	245
DATE	CHECKED	REVISOR	CONTRACT NO. 63647		ILLINOIS FED. AID PROJECT							

FILE NO.	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
DATE	

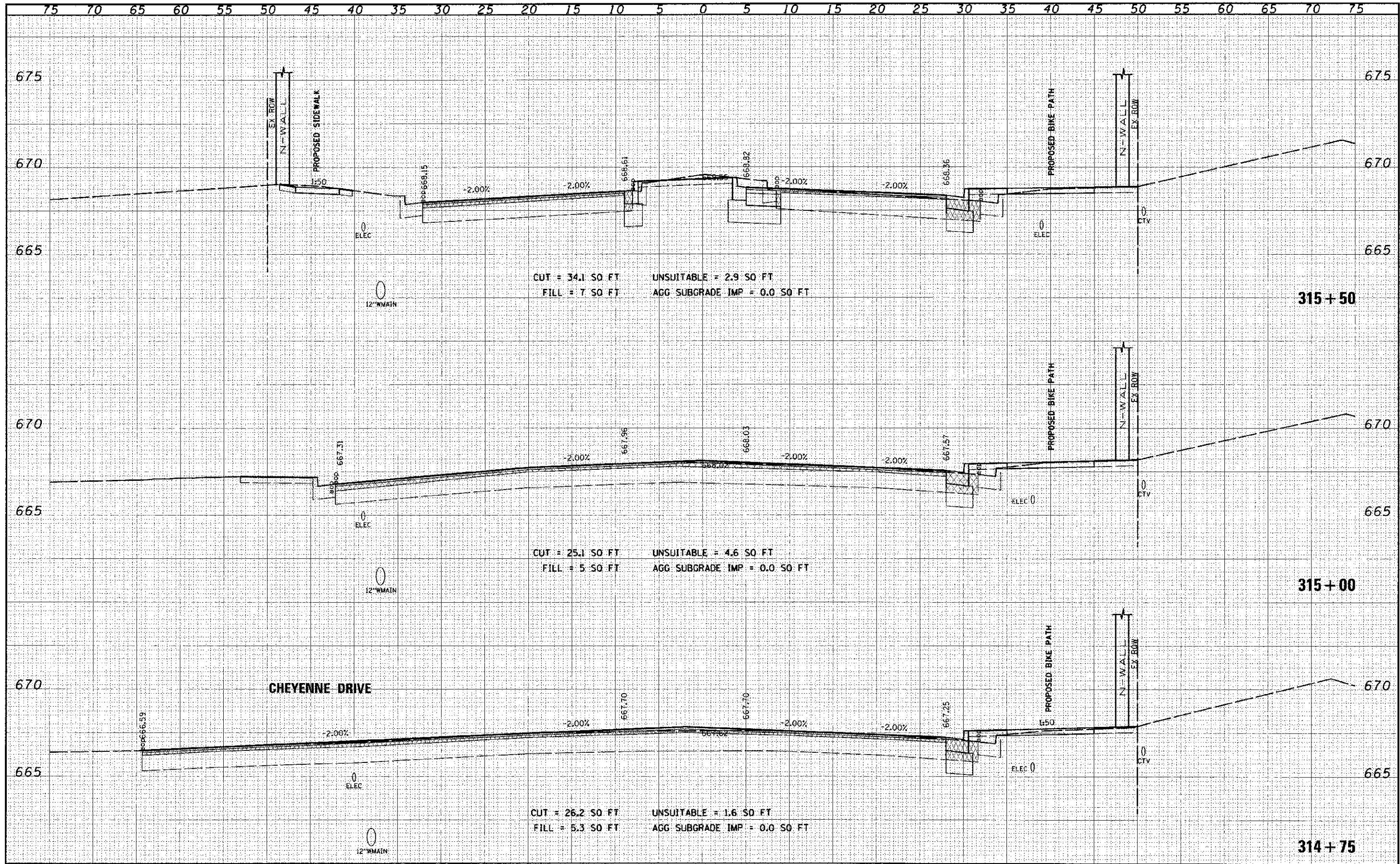
ORIGINAL SURVEY	DATE
BY	
DATE	
BY	
DATE	



FILE NAME: #11.E.s	DESIGNED: [blank]	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET		SECTION: 01-00181-00-FP	COUNTY: WILL	TOTAL SHEETS: 328	SHEET NO.: 246
DESIGNED BY: [blank]	DRAWN: [blank]	REVISIONS: [blank]				CONTRACT NO. 63647			
CHECKED BY: [blank]	CHECKED: [blank]	REVISIONS: [blank]				ILLINOIS FED. AID PROJECT			
DATE: [blank]	DATE: [blank]	REVISIONS: [blank]							

DATE	ST
FILE	SUPERVISOR
CURVE	PORTER
NOTE BOOK	AREA
AREA	SPECIAL

DATE	BY
FILE	DESIGNED
NOTE BOOK	DRAWN
AREA	CHECKED
SPECIAL	REVISIONS



FILE NAME: 95th St
 USER NAME: jordan_push

DESIGNED: [blank]
 DRAWN: [blank]
 CHECKED: [blank]
 DATE: 10/16/2016

REVISIONS:
 REVISED: [blank]
 REVISED: [blank]
 REVISED: [blank]
 REVISED: [blank]

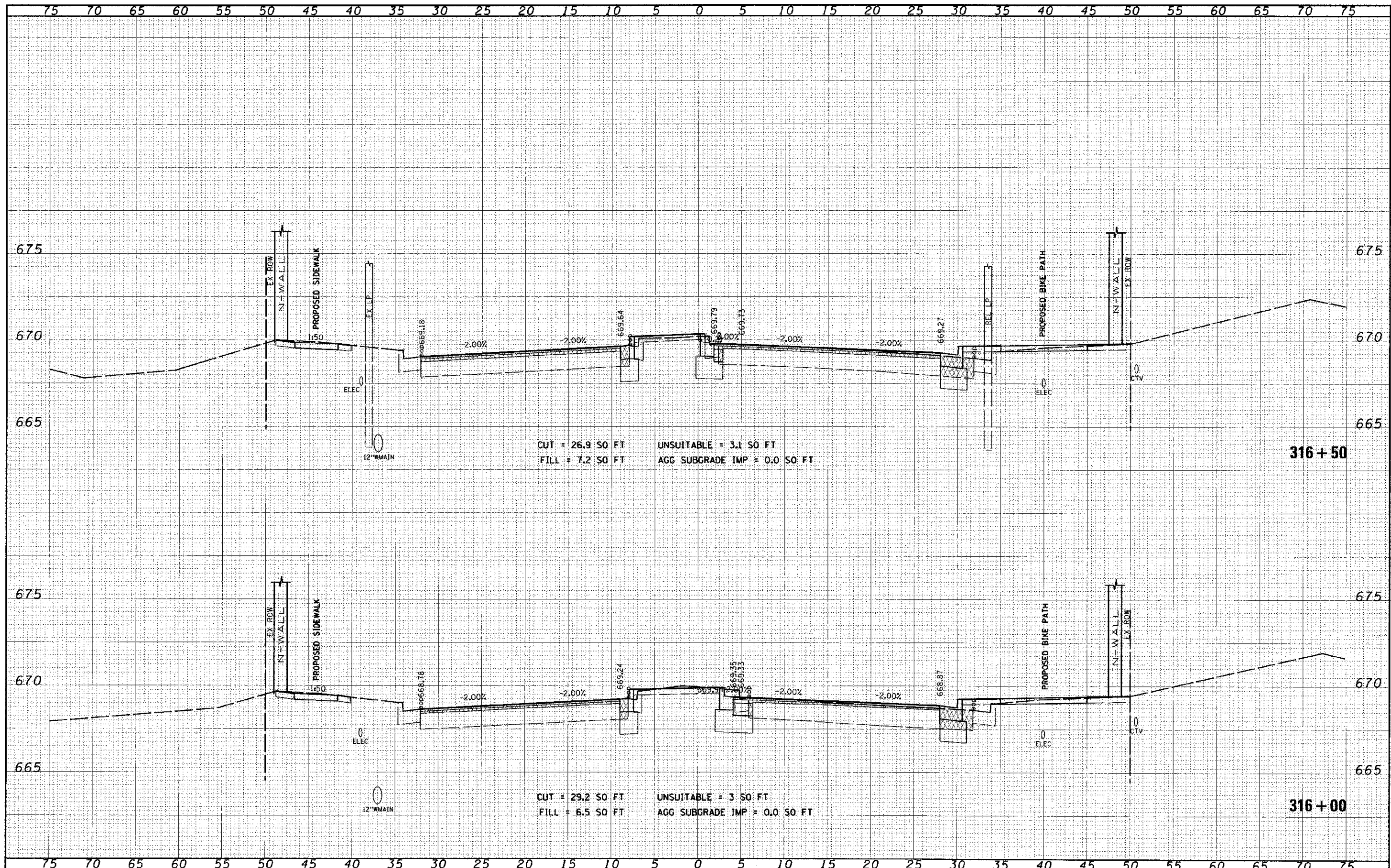
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1"=5'H; 1"=2.5'V SHEET NO. 8 OF 75 SHEETS STA. 314+75 TO STA. 315+50

SECTION	COUNTY	TOTAL SHEET
01-00181-00-PP	WILL	SHEETS: NO.
		328 247
		CONTRACT NO. 63647
ILLINOIS FED. AID PROJECT		

DATE	BY	CHKD
REVISED	DATE	BY
APPROVED	DATE	BY
NOTED	DATE	BY
REVISIONS	DATE	BY

DATE	BY	CHKD
REVISED	DATE	BY
APPROVED	DATE	BY
NOTED	DATE	BY
REVISIONS	DATE	BY



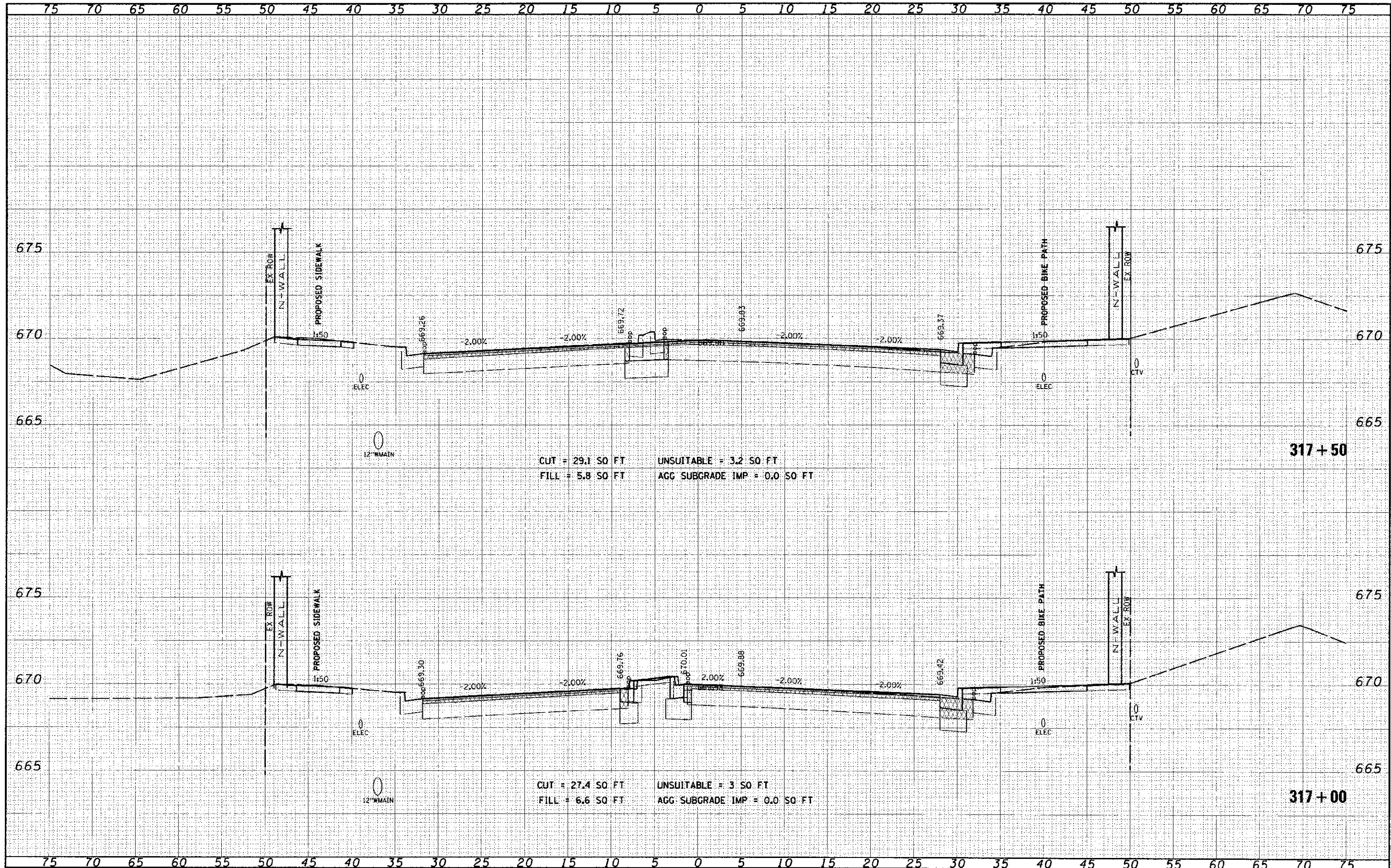
CUT = 26.9 SO FT UNSUITABLE = 3.1 SO FT
 FILL = 7.2 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 29.2 SO FT UNSUITABLE = 3 SO FT
 FILL = 6.5 SO FT AGG SUBGRADE IMP = 0.0 SO FT

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	FAUL	SECTION	COUNTY	TOTAL	SHEET
FILE # =	SCALE = 5/8\"/>									
FILE DATE = 12/6/2012	DRAWN -	REVISED -	1644			01-00181-00-FP	WILL	328	248	
	CHECKED -	REVISED -	CONTRACT NO. 63647							
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

TITLE	DATE
SURVEYED	
PLACED	
NOTED	
AREA	
NO.	

DESIGNED	DATE
DRAWN	
CHECKED	
DATE	



CUT = 29.1 SO FT UNSUITABLE = 3.2 SO FT
 FILL = 5.8 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 27.4 SO FT UNSUITABLE = 3 SO FT
 FILL = 6.6 SO FT AGG SUBGRADE IMP = 0.0 SO FT

FINAL	SUBMITTED	DATE
DATE	DATE	DATE
BY	BY	BY
PROJECT	PROJECT	PROJECT
NO. 1	NO. 1	NO. 1
NO. 2	NO. 2	NO. 2
NO. 3	NO. 3	NO. 3
NO. 4	NO. 4	NO. 4
NO. 5	NO. 5	NO. 5
NO. 6	NO. 6	NO. 6
NO. 7	NO. 7	NO. 7
NO. 8	NO. 8	NO. 8
NO. 9	NO. 9	NO. 9
NO. 10	NO. 10	NO. 10

ORIGINAL	DATE
DATE	DATE
BY	BY
PROJECT	PROJECT
NO. 1	NO. 1
NO. 2	NO. 2
NO. 3	NO. 3
NO. 4	NO. 4
NO. 5	NO. 5
NO. 6	NO. 6
NO. 7	NO. 7
NO. 8	NO. 8
NO. 9	NO. 9
NO. 10	NO. 10



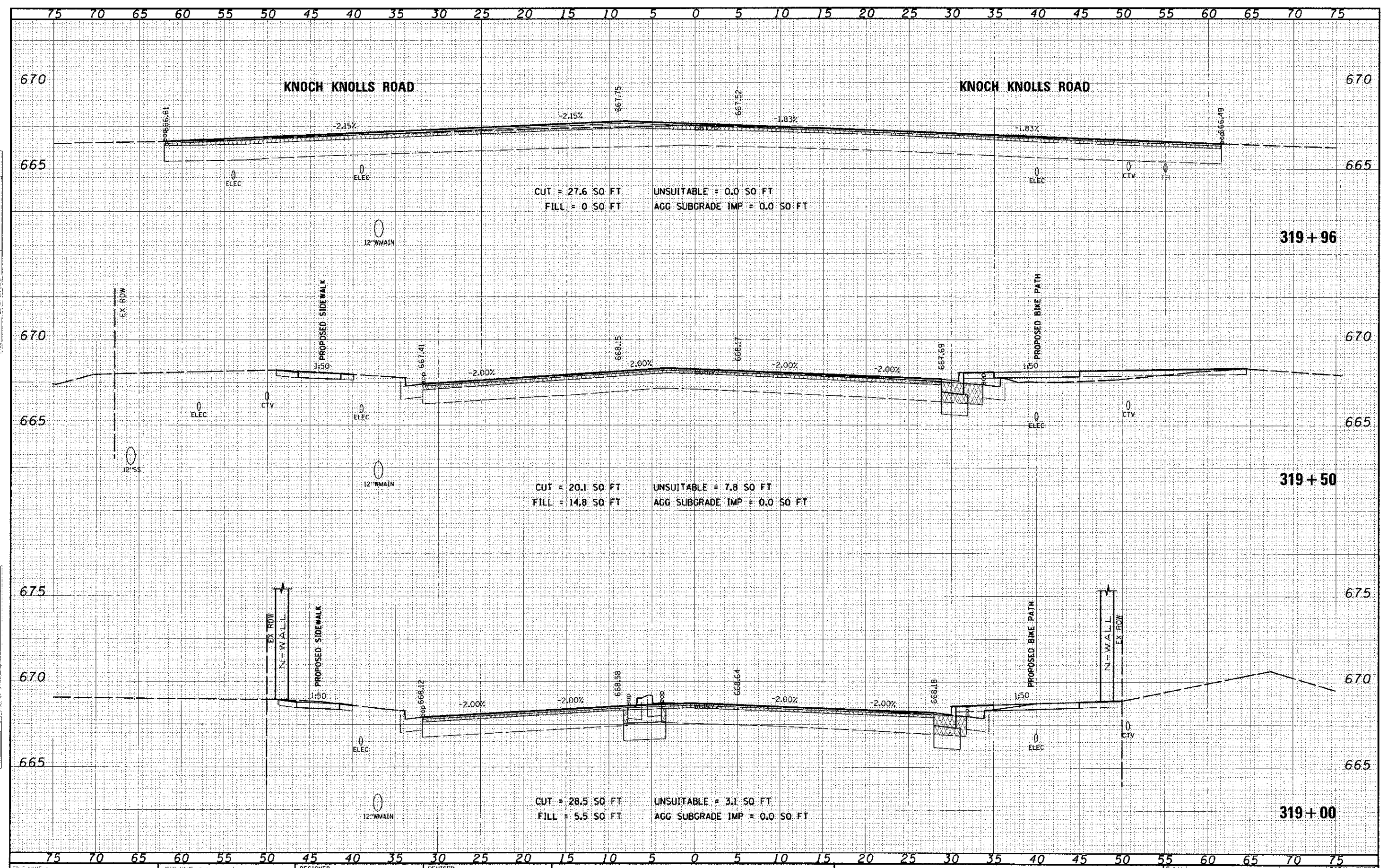
CUT = 28.6 SO FT UNSUITABLE = 3 SO FT
 FILL = 5.5 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 31.9 SO FT UNSUITABLE = 3.1 SO FT
 FILL = 5.3 SO FT AGG SUBGRADE IMP = 0.0 SO FT

FILE NAME #FILEL4	USER NAME _mcm_push	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	SCALE: 1"=5' 1/2"=2.5'	SHEET NO. 11 OF 75 SHEETS	STA. 318+00 TO STA. 318+50	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 250	
PLOT SCALE = 3/16" = 1' IN.		DRAWN -	REVISED -			CONTRACT NO. 63647	ILLINOIS FED. AID PROJECT						
PLOT SCALE = 3/16" = 1' IN.		CHECKED -	REVISED -										
PLOT SCALE = 3/16" = 1' IN.		DATE -	REVISED -										

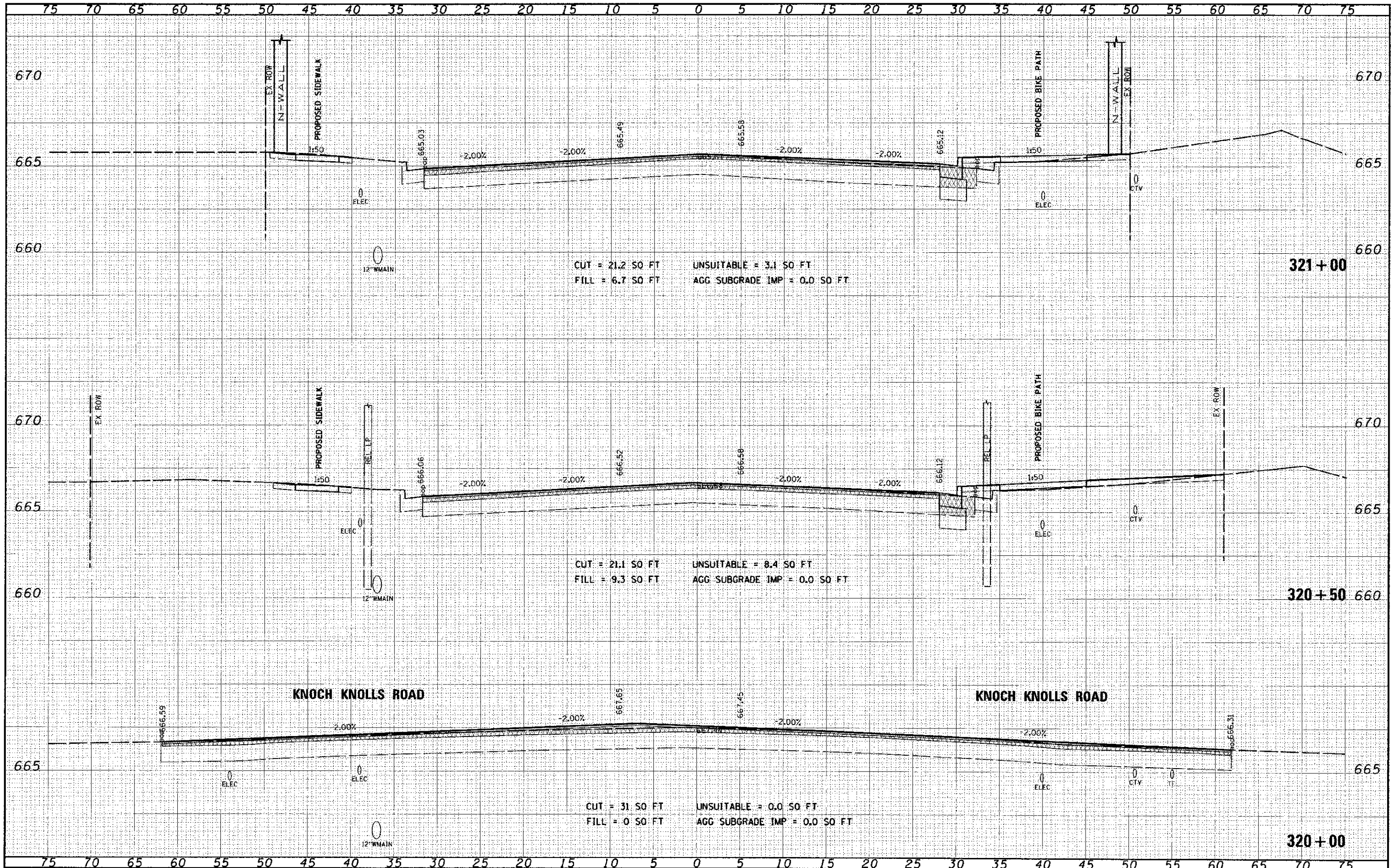
DATE	
BY	
PROJECT	
NO. 500K	
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NO. 500K	
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DATE	
BY	
PROJECT	
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DATE	
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DATE	
BY	
TWA	
SURVEY	
DESIGN	
CONTRACT	
PROJECT	
AREA	
NO.	

DATE	
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TWA	
SURVEY	
DESIGN	
CONTRACT	
PROJECT	
AREA	
NO.	



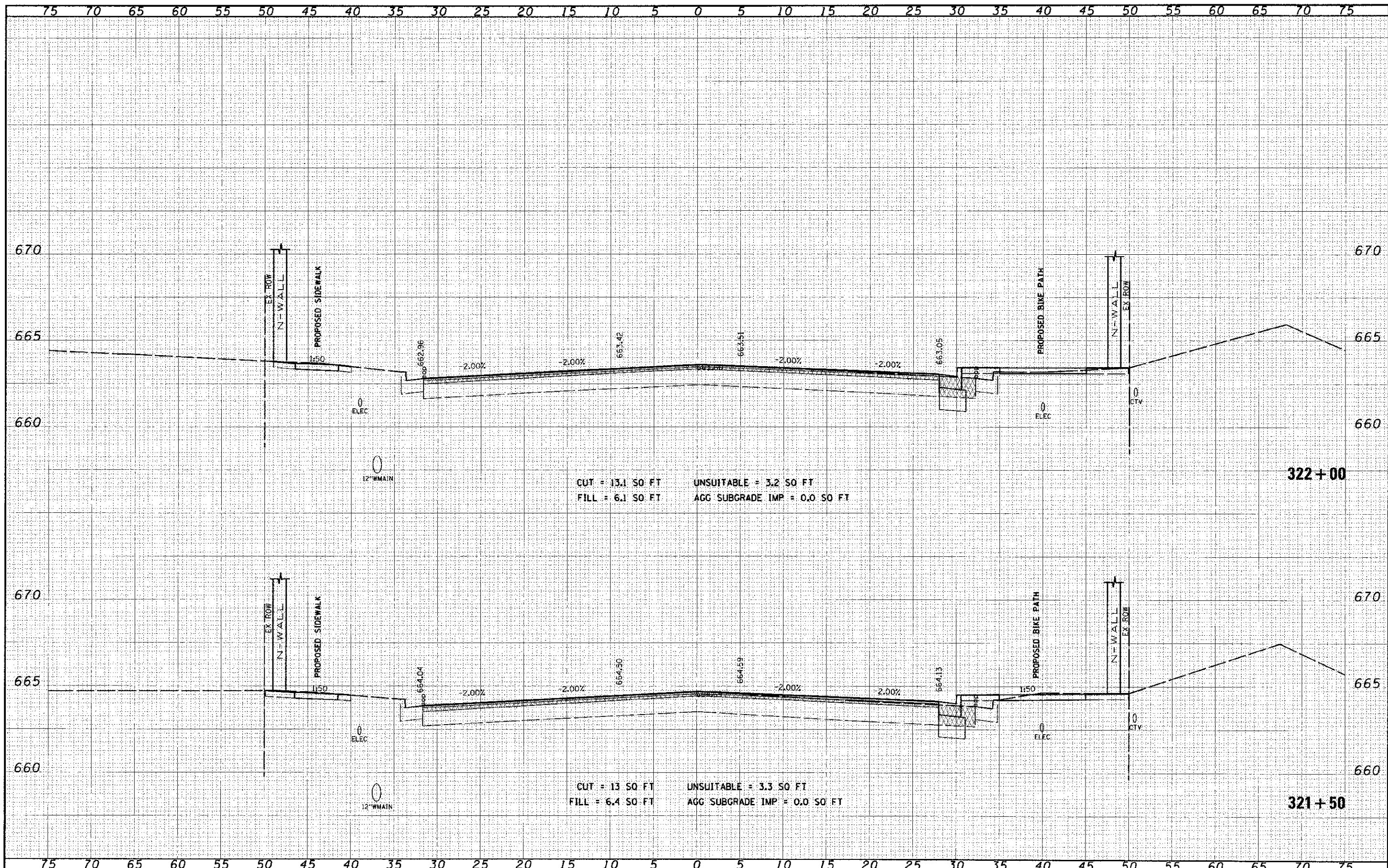
CUT = 21.2 SO FT
 FILL = 6.7 SO FT
 UNSUITABLE = 3.1 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

CUT = 21.1 SO FT
 FILL = 9.3 SO FT
 UNSUITABLE = 8.4 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

CUT = 31 SO FT
 FILL = 0 SO FT
 UNSUITABLE = 0.0 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

DATE	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	

DATE	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	



CUT = 13.1 SQ FT UNSUITABLE = 3.2 SQ FT
 FILL = 6.1 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

CUT = 13 SQ FT UNSUITABLE = 3.3 SQ FT
 FILL = 6.4 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

FILE NAME: 1644
 95TH ST

USER NAME: james.gust
 PLOT SCALE: 1/4" = 10'-0"
 PLOT DATE: 12/16/2012

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

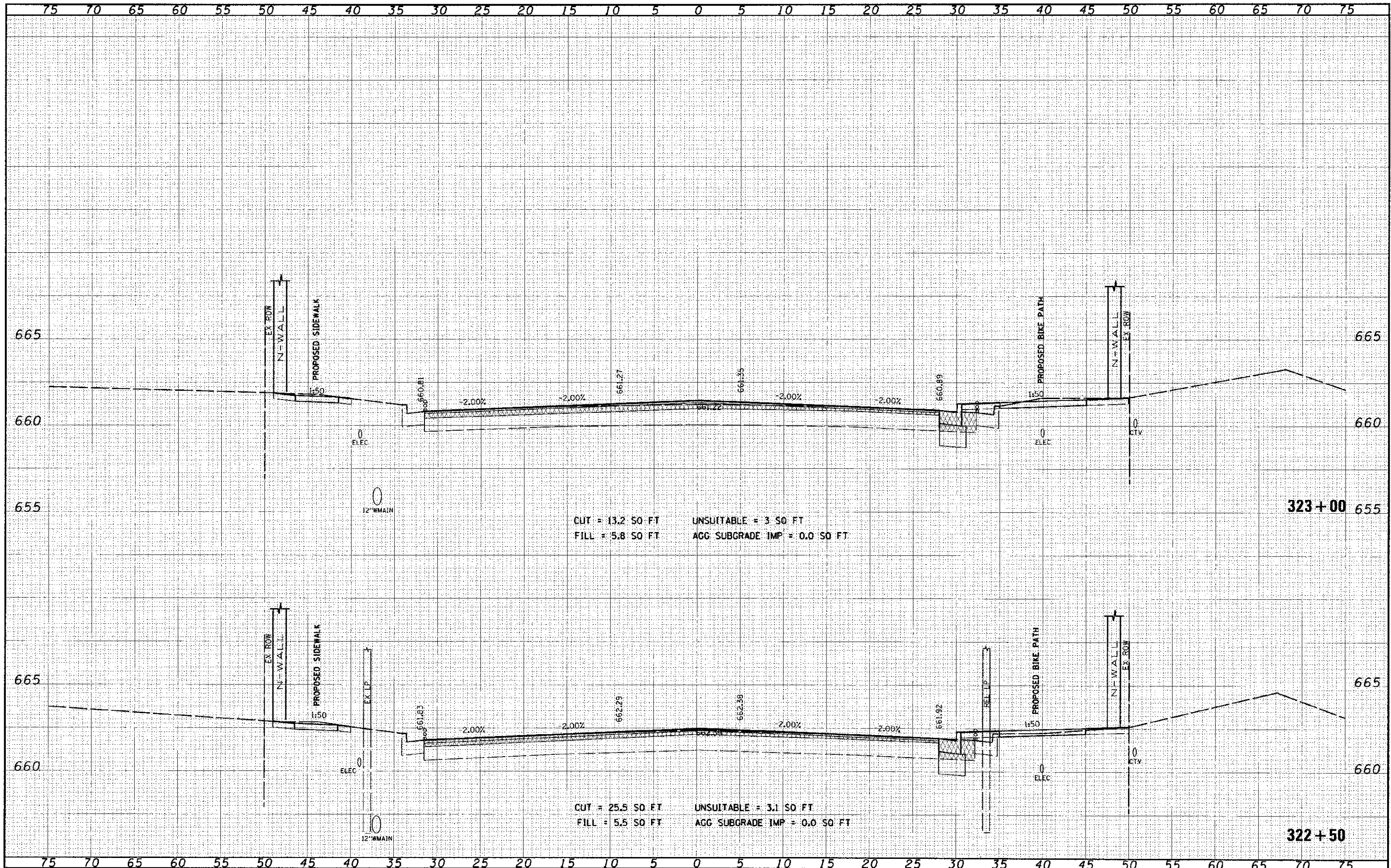
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1" = 5' H, 1" = 25' V SHEET NO. 14 OF 75 SHEETS STA. 321+50 TO STA. 322+00

F.A.I. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 253
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	

DATE	3/1/12
BY	JAMES P. JENSEN
PROJECT	95th STREET
SECTION	322+50 TO 323+00
SCALE	1"=25'
AREA	
PERCENT	

DATE	3/1/12
BY	JAMES P. JENSEN
PROJECT	95th STREET
SECTION	322+50 TO 323+00
SCALE	1"=25'
AREA	
PERCENT	

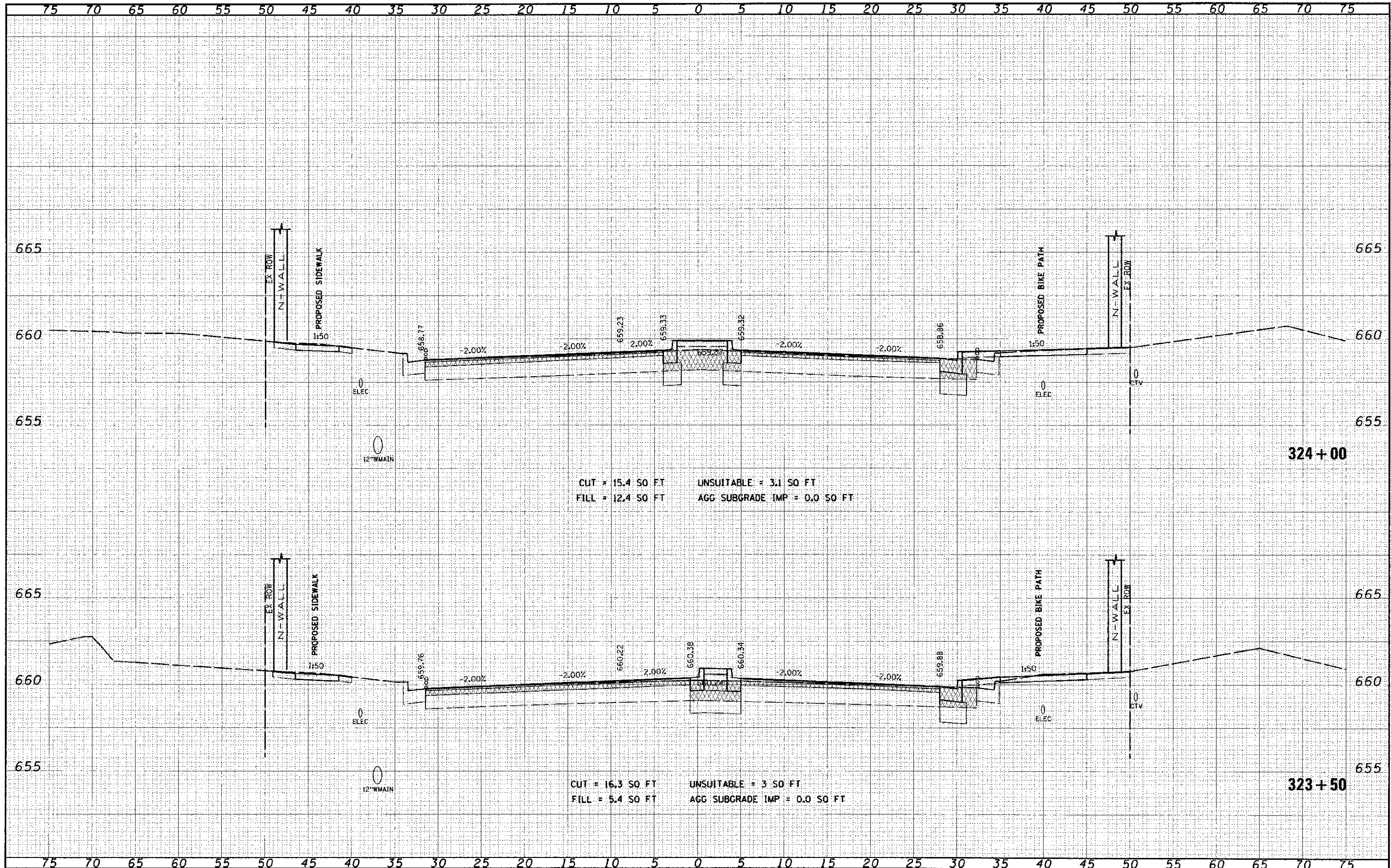


CUT = 13.2 SO FT
 FILL = 5.8 SO FT
 UNSUITABLE = 3 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

CUT = 25.5 SO FT
 FILL = 5.5 SO FT
 UNSUITABLE = 3.1 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	



CUT = 15.4 SQ FT UNSUITABLE = 3.1 SQ FT
 FILL = 12.4 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

CUT = 16.3 SQ FT UNSUITABLE = 3 SQ FT
 FILL = 5.4 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

FILE NAME	1644_6
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USER NAME	jamaa.cua1
PLC SCALE	1/8"=1'-0"
PLC DATE	12/16/2012

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

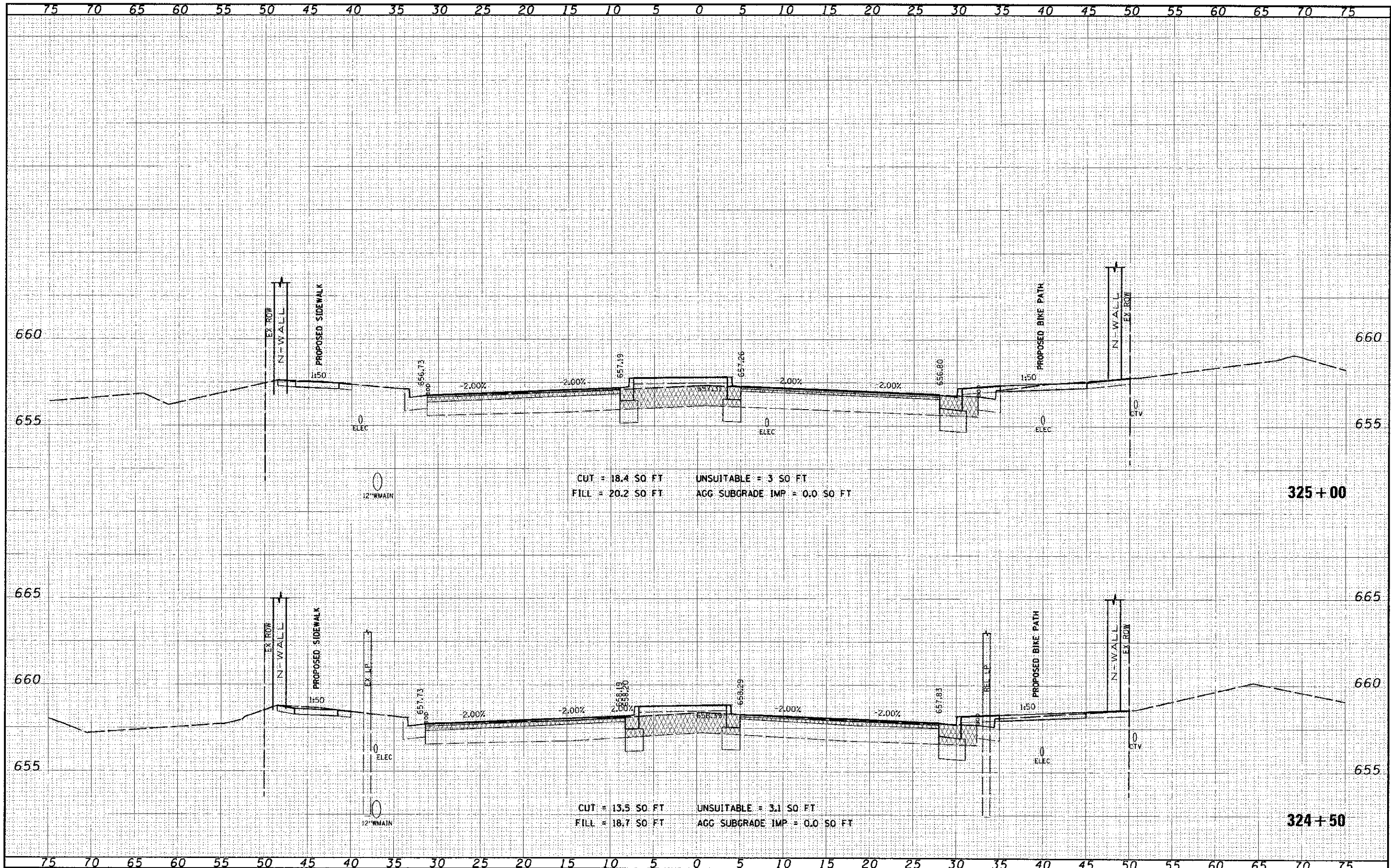
**CROSS SECTIONS
95th STREET**

SCALE: 1"=5' H, 1"=25' V SHEET NO. 16 OF 75 SHEETS STA. 323+50 TO STA. 323+99

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	255
				CONTRACT NO. 63647
ILLINOIS FED. AID PROJECT				

DATE	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	BY

DATE	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	BY

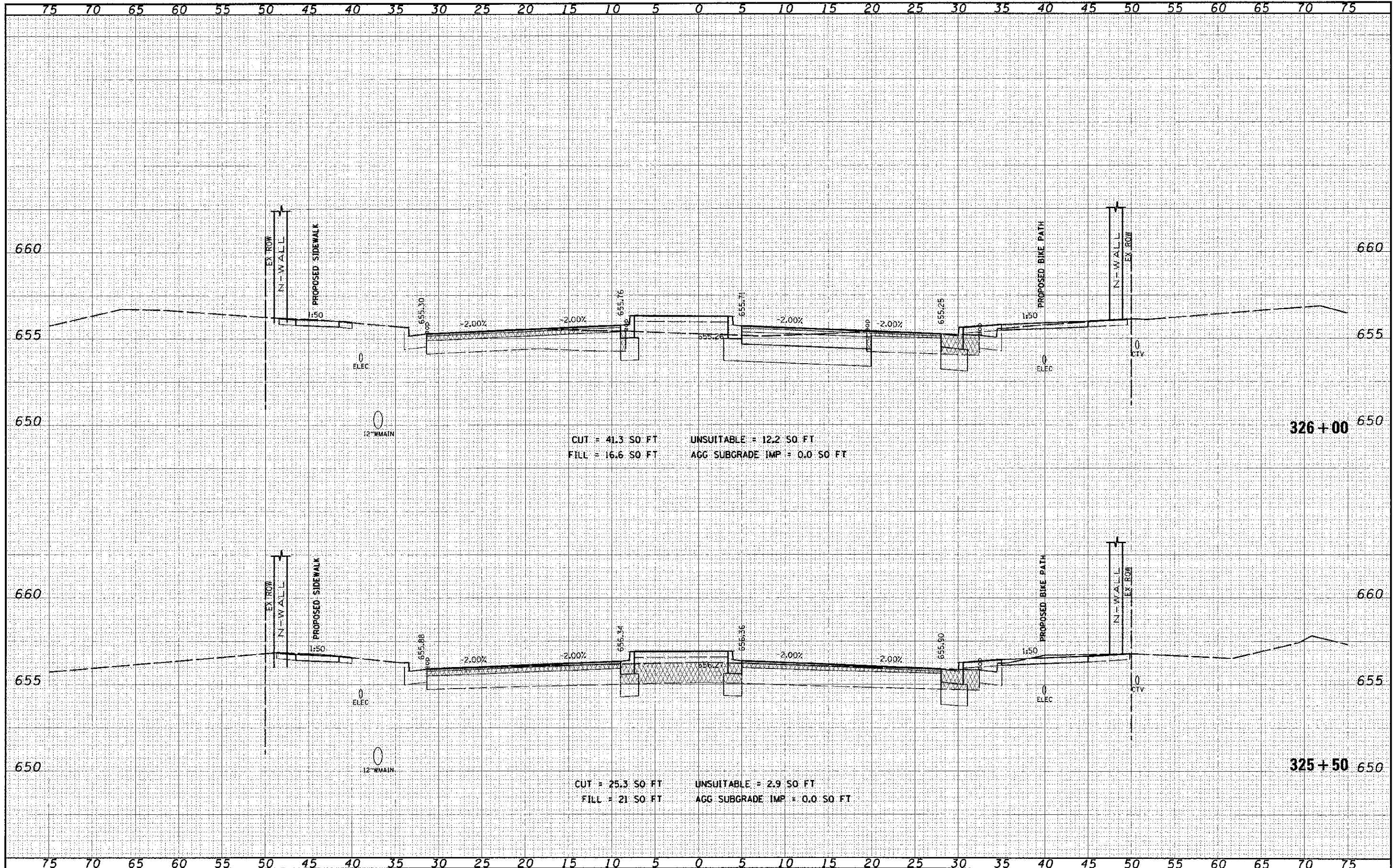


CUT = 18.4 SO FT
 FILL = 20.2 SO FT
 UNSUITABLE = 3 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

CUT = 13.5 SO FT
 FILL = 18.7 SO FT
 UNSUITABLE = 3.1 SO FT
 AGG SUBGRADE IMP = 0.0 SO FT

DATE	BY
APPROVED	DATE
SURVEY	BY
NO. OF SHEETS	TOTAL SHEETS
NO. OF COPIES	AREAS CHECKED
NO.	

DATE	BY
DRAFTED	DATE
SURVEY	BY
NO. OF SHEETS	TOTAL SHEETS
NO. OF COPIES	AREAS CHECKED
NO.	



CUT = 41.3 SO FT UNSUITABLE = 12.2 SO FT
 FILL = 16.6 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 25.3 SO FT UNSUITABLE = 2.9 SO FT
 FILL = 21 SO FT AGG SUBGRADE IMP = 0.0 SO FT

FILE NAME	USER NAME
95TH ST	james_sus
	SCALE
	DATE

DESIGNED	REVISIONS
DRAWN	REVISIONS
CHECKED	REVISIONS
DATE	REVISIONS

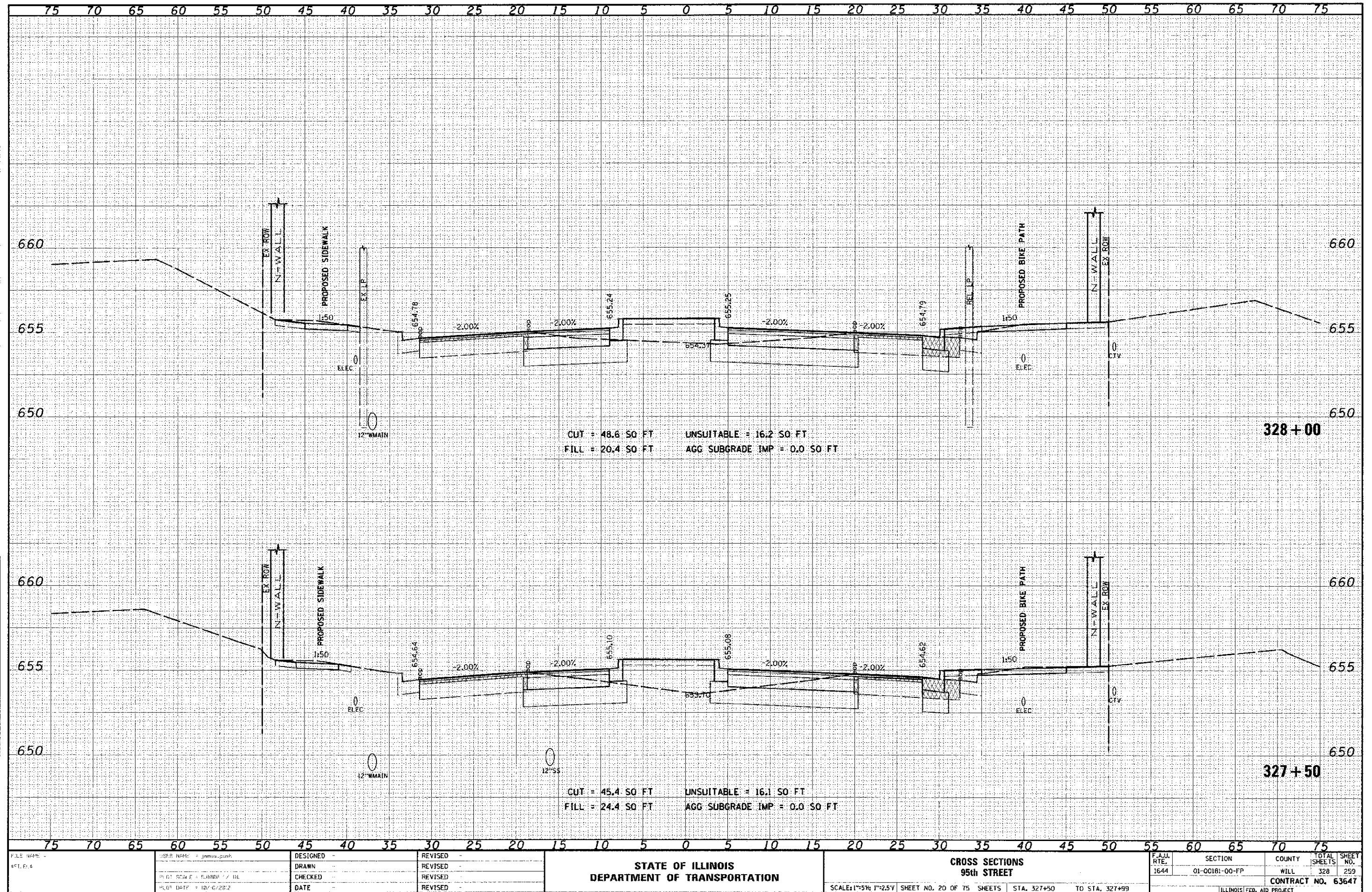
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
95th STREET
SCALE: 1"=5' H, 1"=25' V
SHEET NO. 18 OF 75 SHEETS
STA. 325+50 TO STA. 325+99

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	257
CONTRACT NO. 63647				
ILLINOIS FED. AID PROJECT				

FILE NO.	DATE
SUBMITTED	
REVISED	
CHECKED	
APPROVED	
NO.	

DESIGNED	BY	DATE
DRAWN		
CHECKED		
APPROVED		
NO.		



FILE NAME: 95th St
 1644

USER NAME: jamaa_push
 PROJECT: 01-00181-00-FP
 PLOT DATE: 10/6/22

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

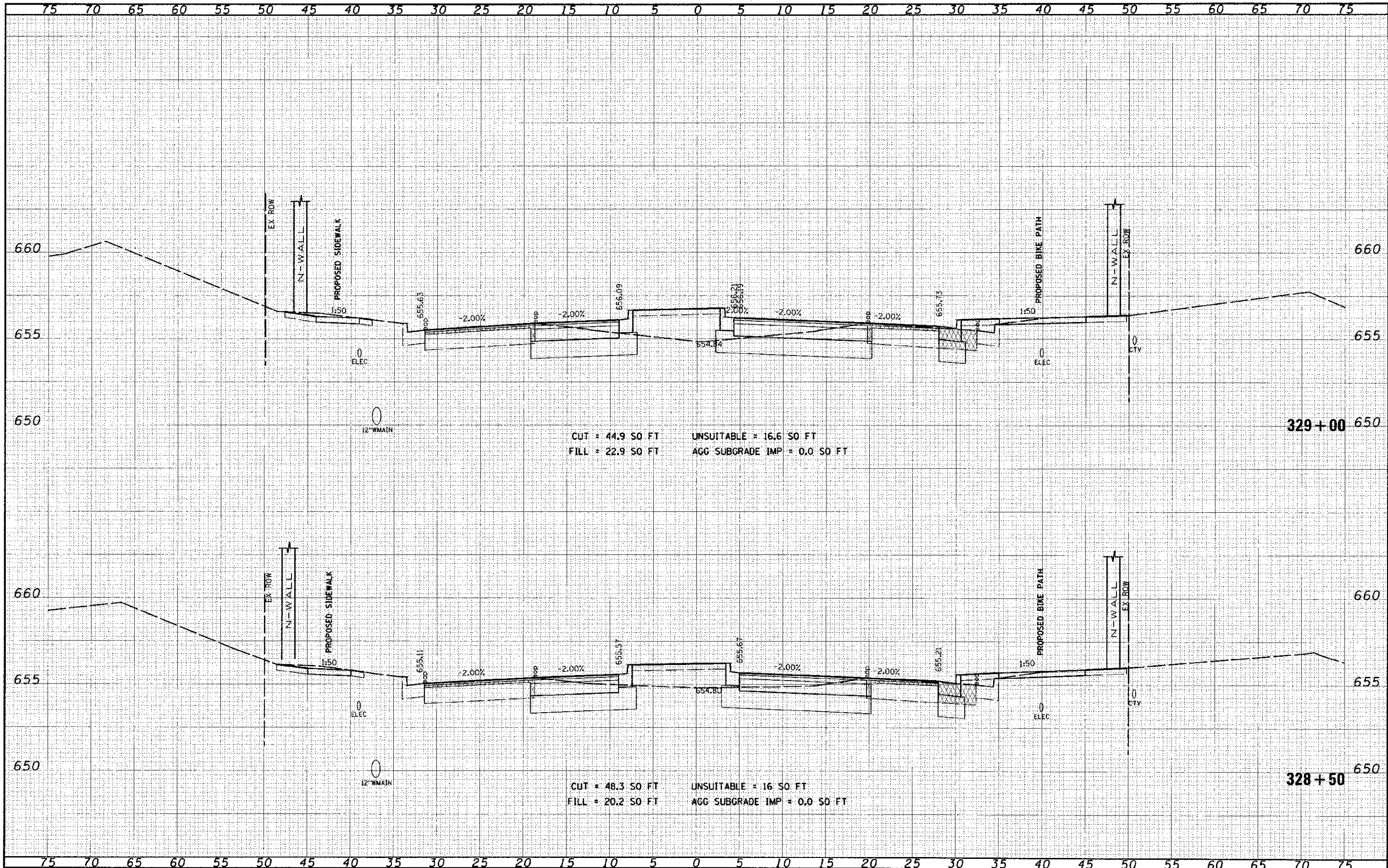
**CROSS SECTIONS
 95th STREET**

SCALE: 1"=5' H, 1"=25' V SHEET NO. 20 OF 75 SHEETS STA. 327+50 TO STA. 327+99

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00181-00-FP	WILL	328	259
CONTRACT NO. 63647			
ILLINOIS FED. AID PROJECT			

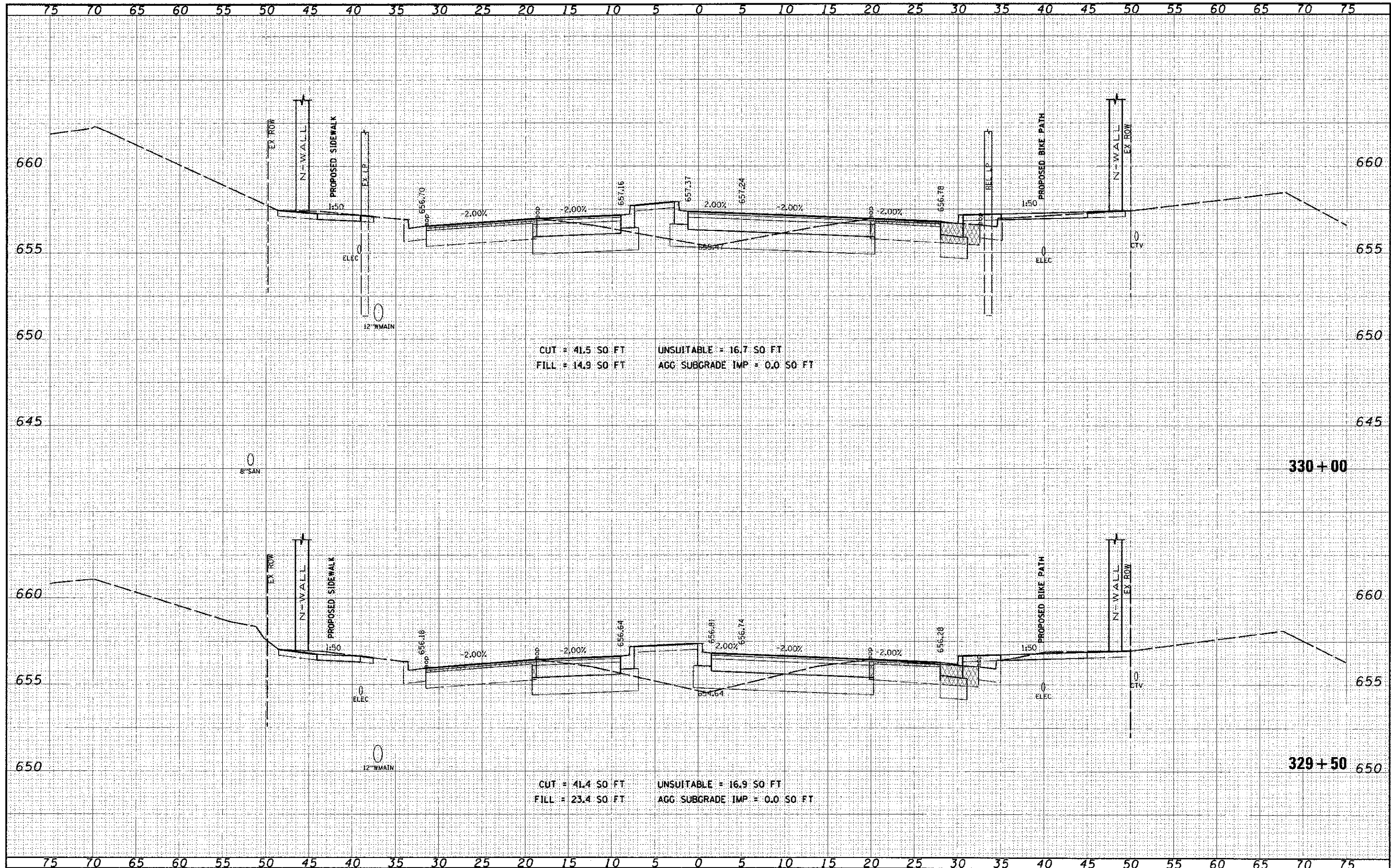
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DESIGNED	
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DATE	
BY	
PROJECT	
PLANNED	
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REVISIONS	
APPROVED	
DATE	

DATE	
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PROJECT	
PLANNED	
NOTED	
REVISIONS	
APPROVED	
DATE	

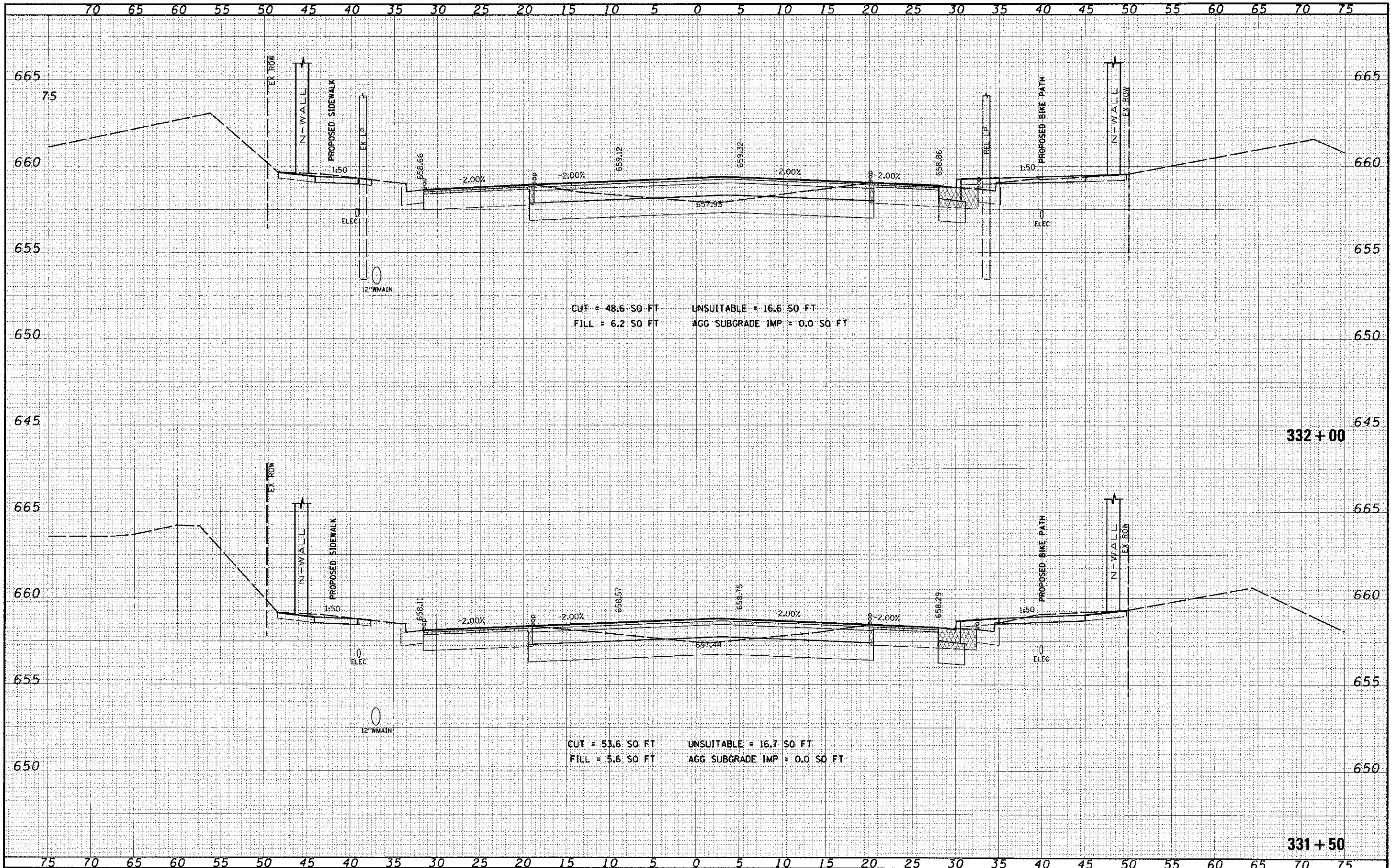


CUT = 41.5 SO FT UNSUITABLE = 16.7 SO FT
 FILL = 14.9 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 41.4 SO FT UNSUITABLE = 16.9 SO FT
 FILL = 23.4 SO FT AGG SUBGRADE IMP = 0.0 SO FT

DATE	BY
DESIGNED	DRAWN
CHECKED	DATE
REVISIONS	

DATE	BY
DESIGNED	DRAWN
CHECKED	DATE
REVISIONS	

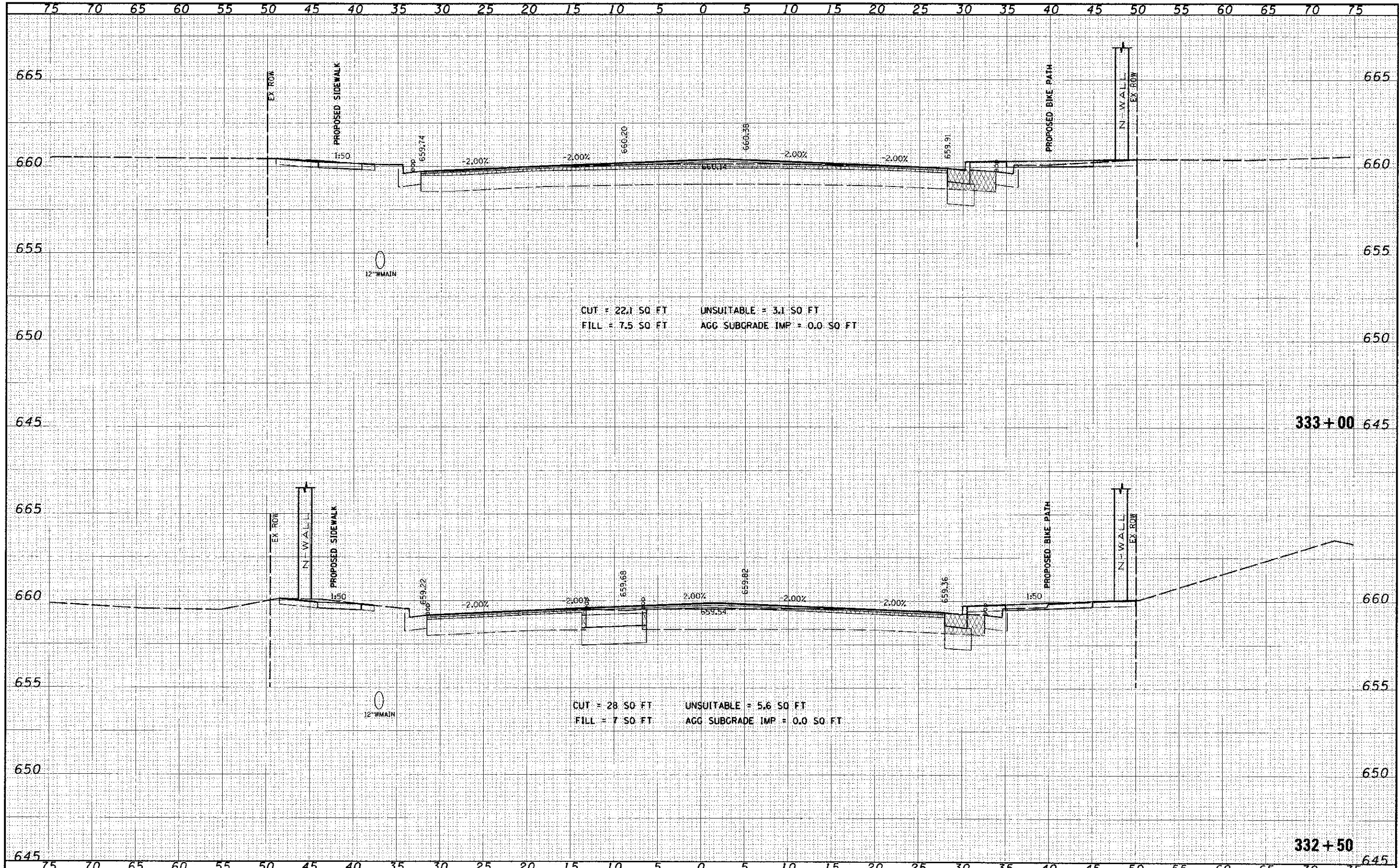


CUT = 48.6 SO FT UNSUITABLE = 16.6 SO FT
 FILL = 6.2 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 53.6 SO FT UNSUITABLE = 16.7 SO FT
 FILL = 5.6 SO FT AGG SUBGRADE IMP = 0.0 SO FT

DATE	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	BY

DATE	BY
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	BY



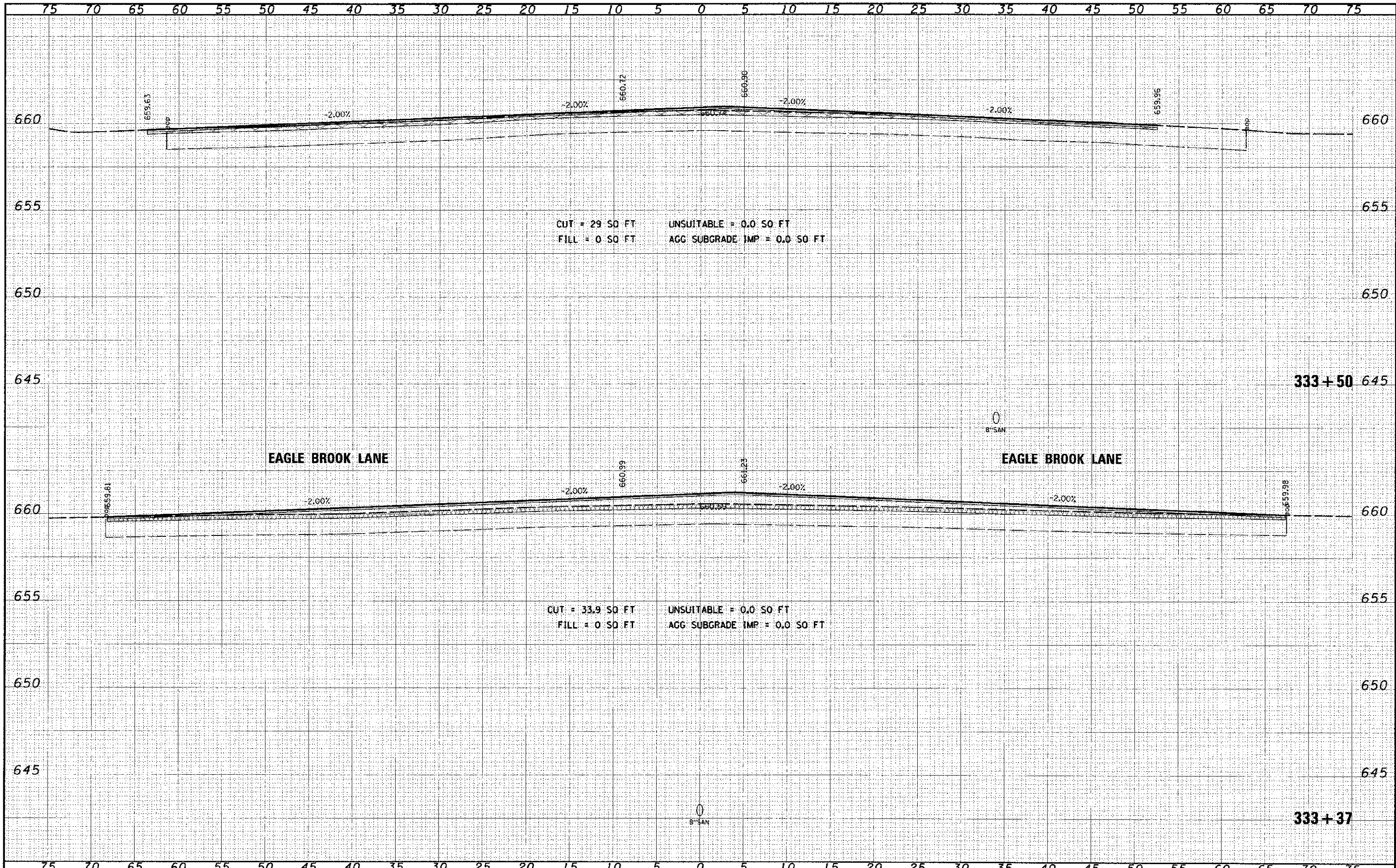
CUT = 22.1 SQ FT UNSUITABLE = 3.1 SQ FT
 FILL = 7.5 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

CUT = 28 SQ FT UNSUITABLE = 5.6 SQ FT
 FILL = 7 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

FILE NAME	USER NAME - jones_cash	DESIGNED	REVISOR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS		
FILE NO.	PILOT SCALE = 5/8" = 1' IN	DRAWN	REVISOR			1644	01-00181-00-PP	WILL	328	264	
PILOT DATE = 12/15/2012	CHECKED	REVISOR	SCALE: 1" = 5' H; 1" = 25' V			SHEET NO. 25 OF 75 SHEETS	STA. 332+50 TO STA. 333+00	CONTRACT NO. 63647			
DATE	CHECKED	REVISOR	ILLINOIS FED. AID PROJECT								
	DATE	REVISOR									

FINAL	DATE
SUBMITTED	
BY	
DATE	
NO.	

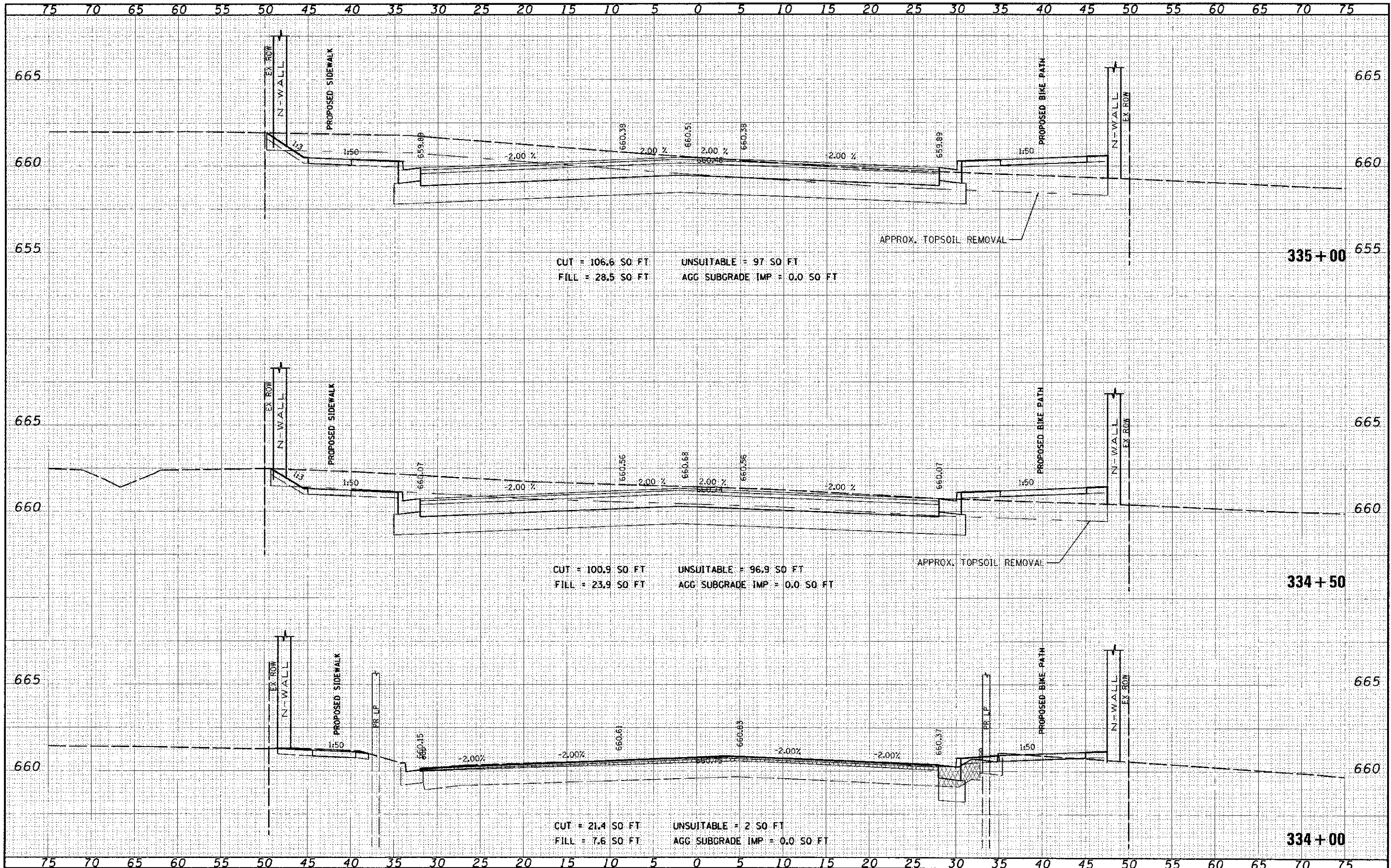
ORIGINAL	DATE
SUBMITTED	
BY	
DATE	
NO.	



FILE NAME	PROJECT NAME = janes-push	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	SCALE: 1"=5'H 1"=25'V	SHEET NO. 26 OF 75 SHEETS	STA. 333+37	TO STA. 333+50	
TITLE		DRAWN	REVISED			F.A.I.L. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 265
		CHECKED	REVISED			CONTRACT NO. 63647				
		DATE	REVISED			ILLINOIS FED. AID PROJECT				

DATE	
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DESIGNED	
DRAWN	
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DATE	
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DESIGNED	
DRAWN	
CHECKED	
DATE	



FILE NAME	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

USER NAME	James.pump
DESIGNED	
DRAWN	
CHECKED	
DATE	12/16/2012

DESIGNED	
DRAWN	
CHECKED	
DATE	

REVISED	
REVISED	
REVISED	
REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

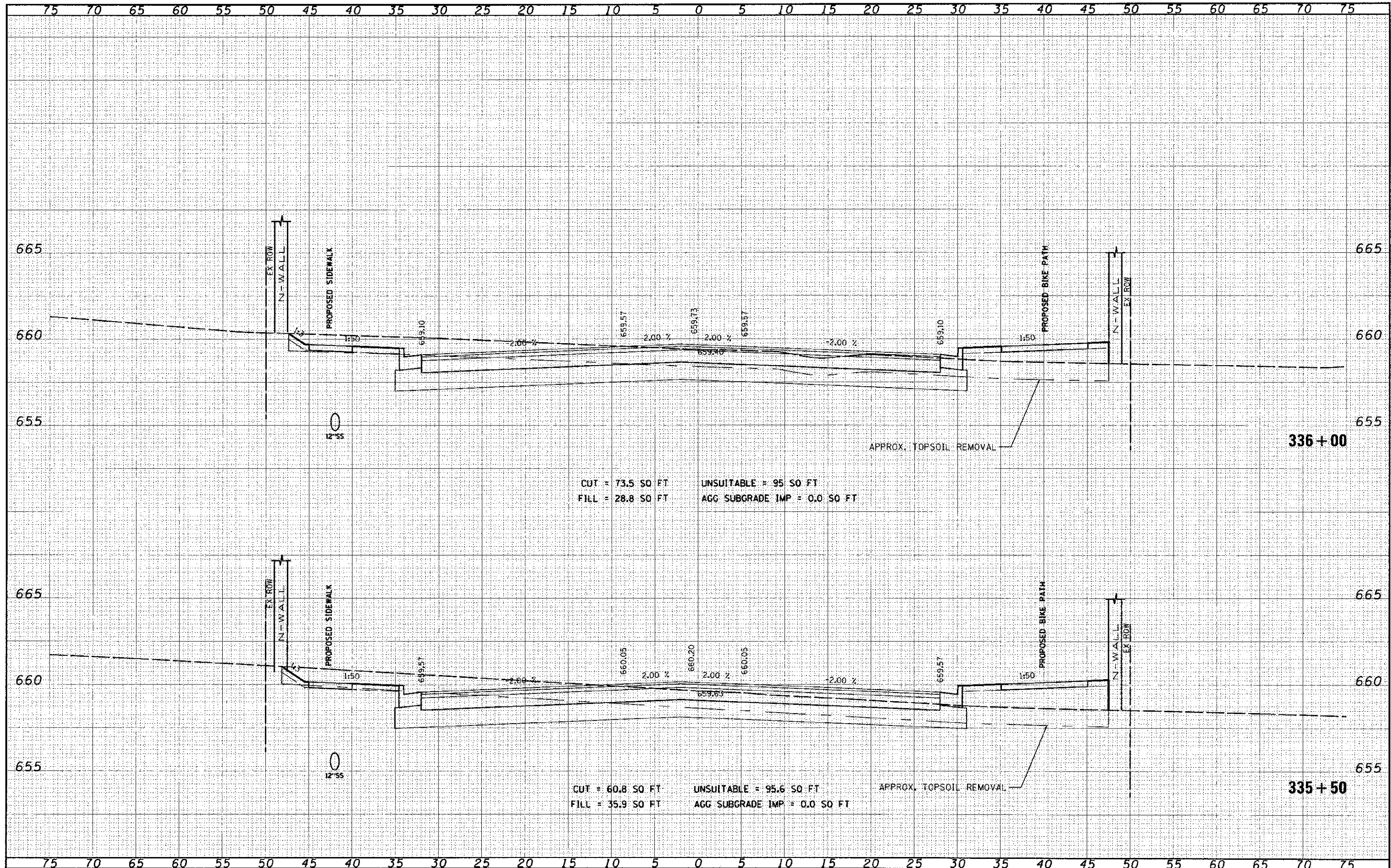
**CROSS SECTIONS
95th STREET**

SCALE: 1"=5'H; 1"=2.5'V SHEET NO. 27 OF 75 SHEETS STA. 334+00 TO STA. 335+00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-PP	WILL	328	266
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	

TITLE	SURVEYED	DATE
DATE	BY	
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NO. OF BOOKS		
NO. OF SHEETS		
NO. OF SHEETS		

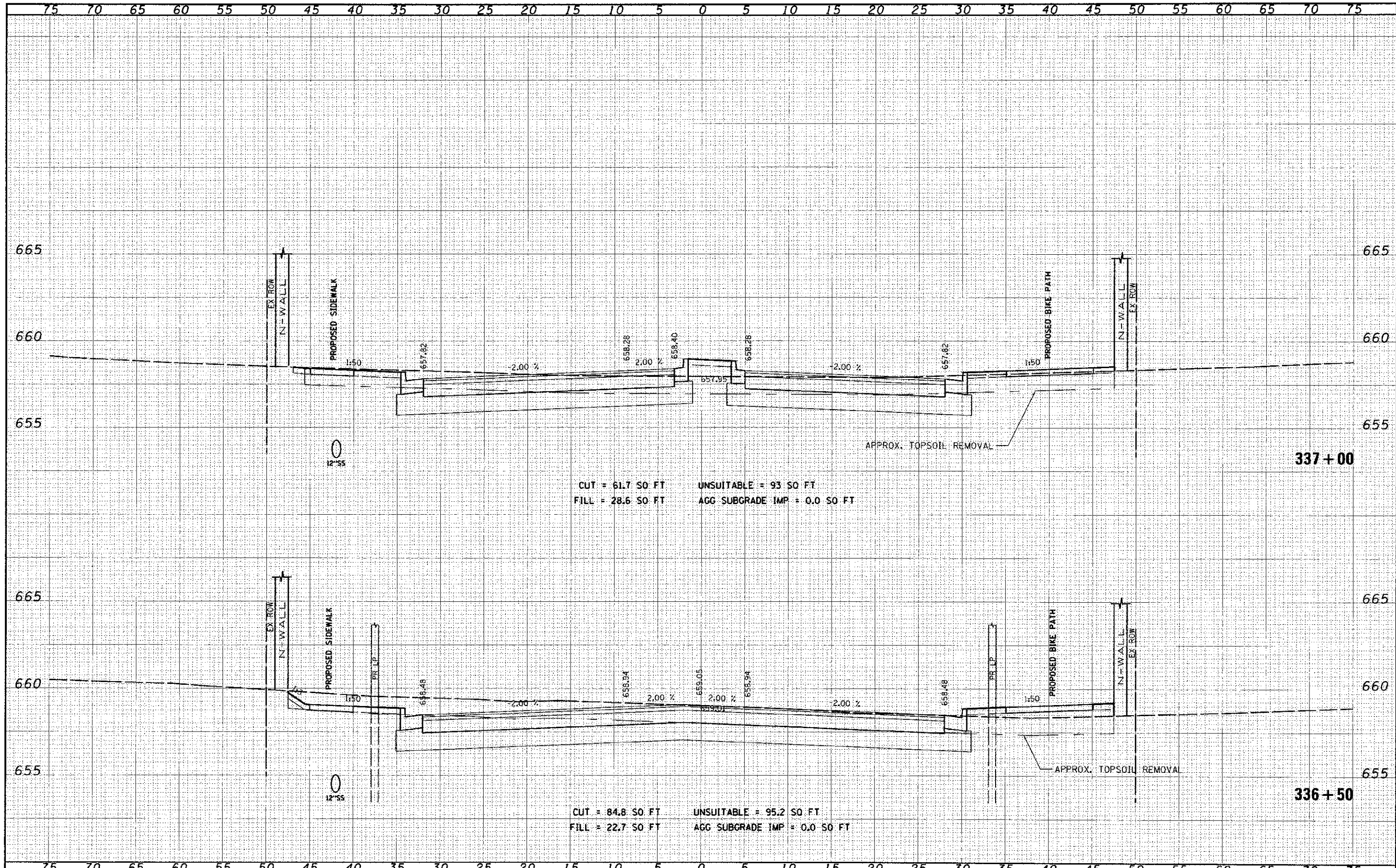
GRID	DATE	BY
DATE	BY	
NO. OF SHEETS		
NO. OF BOOKS		
NO. OF SHEETS		
NO. OF SHEETS		



FILE NAME =	LSFR NAME = jones.piah	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	FAA/RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PHLELO	PL01 SCALE = 5.0000' / 1" IN.	DRAWN -	REVISED -			1644	01-00181-00-PP	WILL	328	267	
	PLOT DATE = 10/16/2012	CHECKED -	REVISED -			SCALE: 1"=50' 1"=25'V SHEET NO. 28 OF 75 SHEETS		STA. 335+50 TO STA. 336+00		CONTRACT NO. 63647	
		DATE	REVISED -			ILLINOIS FED. AID PROJECT					

DATE	
BY	
REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR BIDDING
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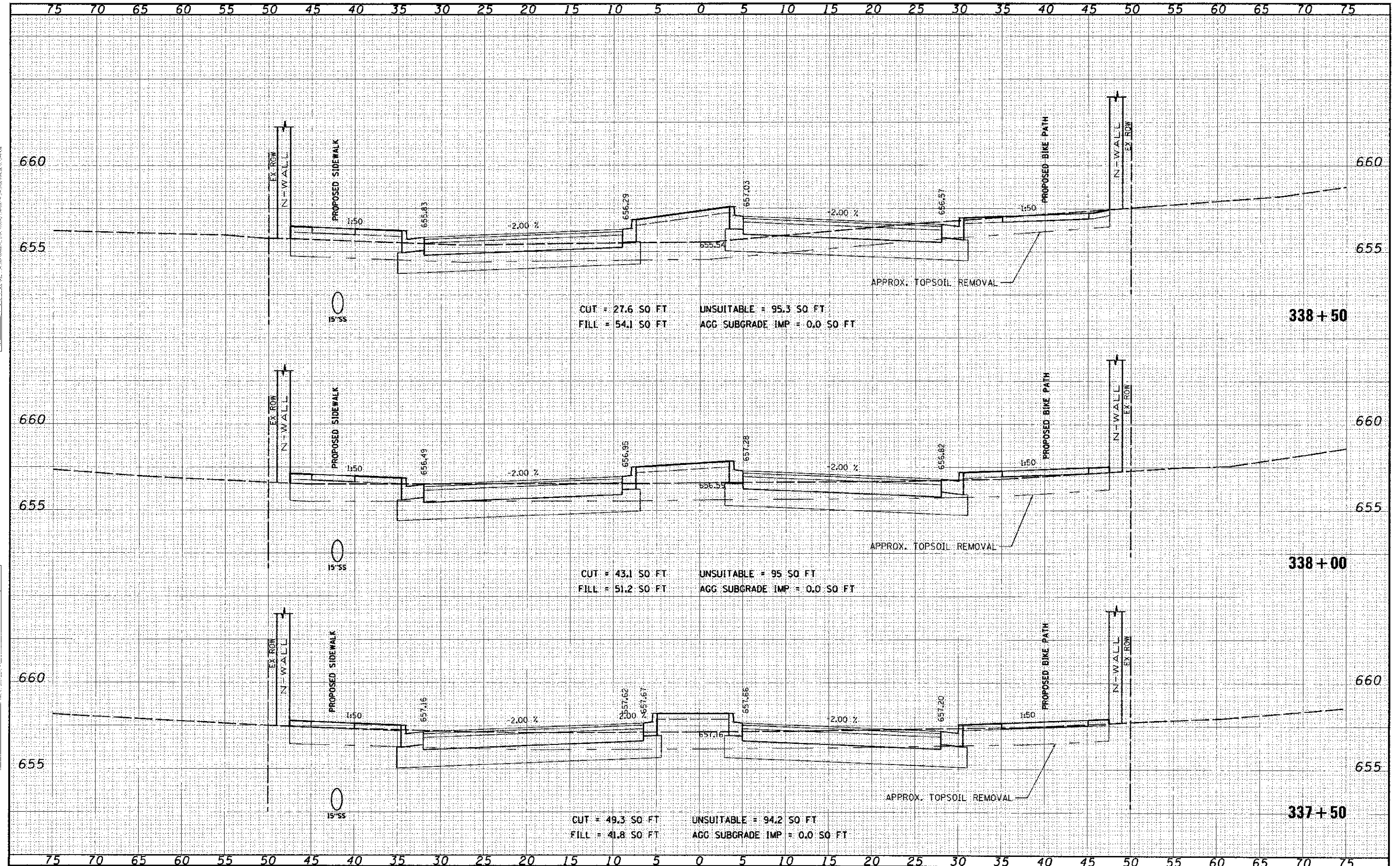
DATE	
BY	
REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR BIDDING
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75	AS NOTED



FILE NAME: 1644	USER NAME: jones_p.sh	DESIGNED: []	REVISED: []	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	F.A.U. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 268	
SCALE: 1"=25'	PLAT SCALE: 5/8"=1'	DRAWN: []	REVISED: []			SHEET NO. 29 OF 75 SHEETS	STA. 336+50 TO STA. 336+99	CONTRACT NO. 63647		ILLINOIS FED. AID PROJECT	
DATE: 10/16/2012	CHECKED: []	DATE: []	REVISED: []								

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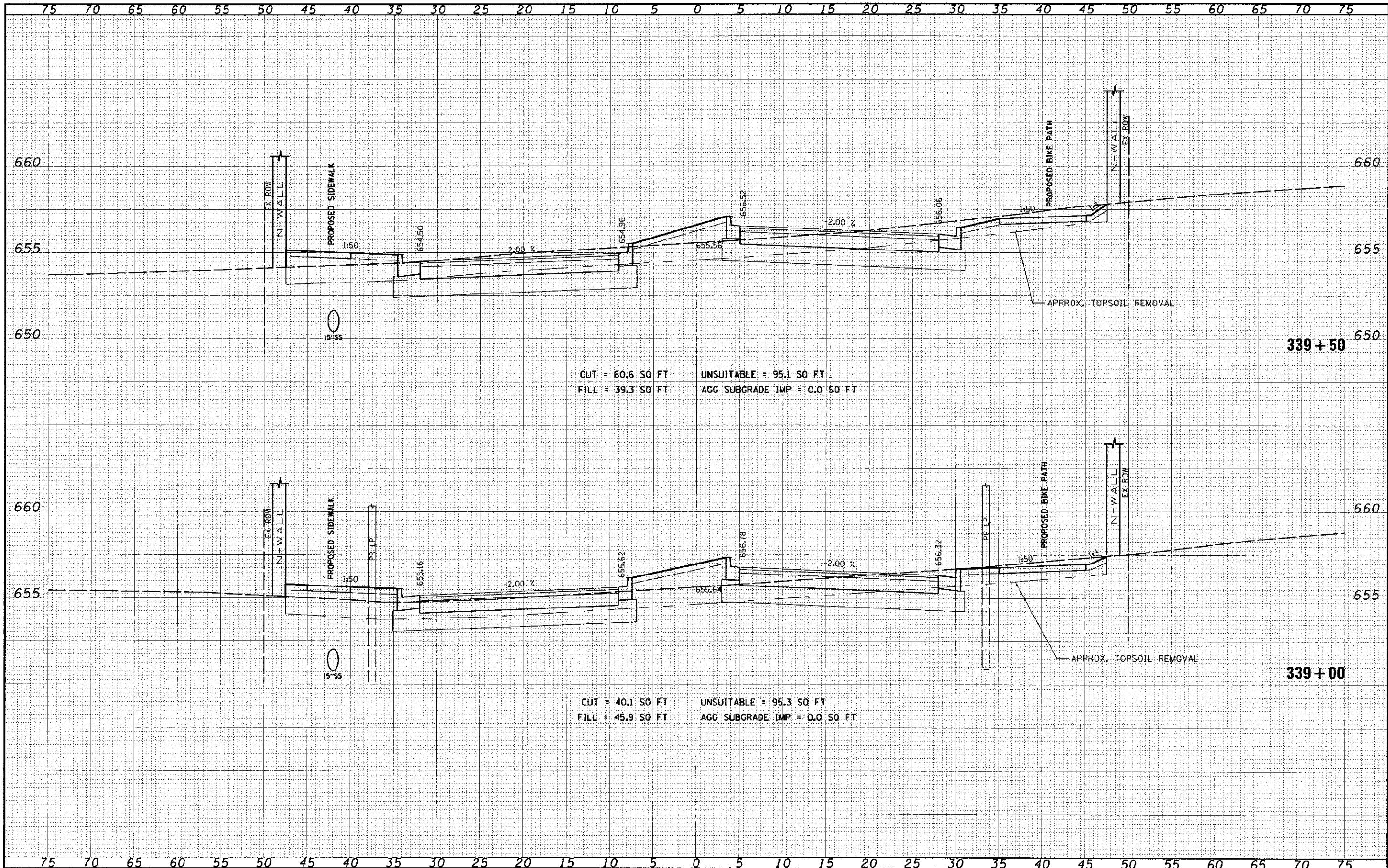


FILE NAME	USDT NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILE NO.	PLCT SCALE - 5.0000 / 1"	DRAWN	REVISED			1644	01-00181-00-PP	WILL	328	269	
PLCT DATE - 12/16/2012	CHECKED	REVISED	REVISED			CONTRACT NO. 63647					
	DATE	REVISED	REVISED			ILLINOIS FED. AID PROJECT					

SCALE: 1"=5'H 1"=2.5'V SHEET NO. 30 OF 75 SHEETS STA. 337+50 TO STA. 338+50

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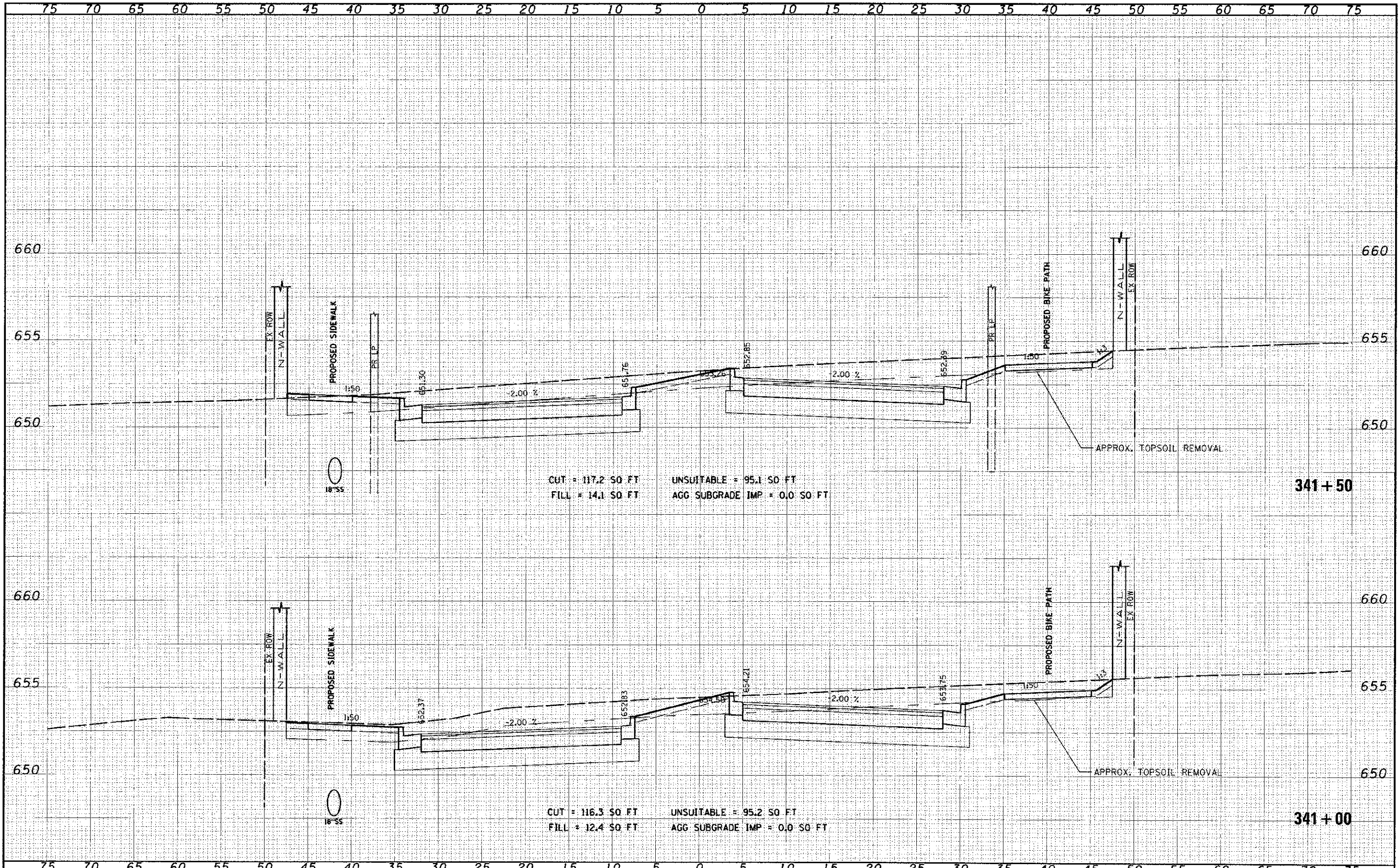


CUT = 60.6 SQ FT UNSUITABLE = 95.1 SQ FT
 FILL = 39.3 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

CUT = 40.1 SQ FT UNSUITABLE = 95.3 SQ FT
 FILL = 45.9 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

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FILE NAME	1644
SECTION	01-00181-00-PP
COUNTY	WILL
TOTAL SHEETS	328
SHEET NO.	272
CONTRACT NO.	63647

DESIGNED	-	REVISED	-
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SCALE	1"=5' H, 1"=25' V
SHEET NO.	33 OF 75 SHEETS
STA.	341+00 TO STA. 341+50

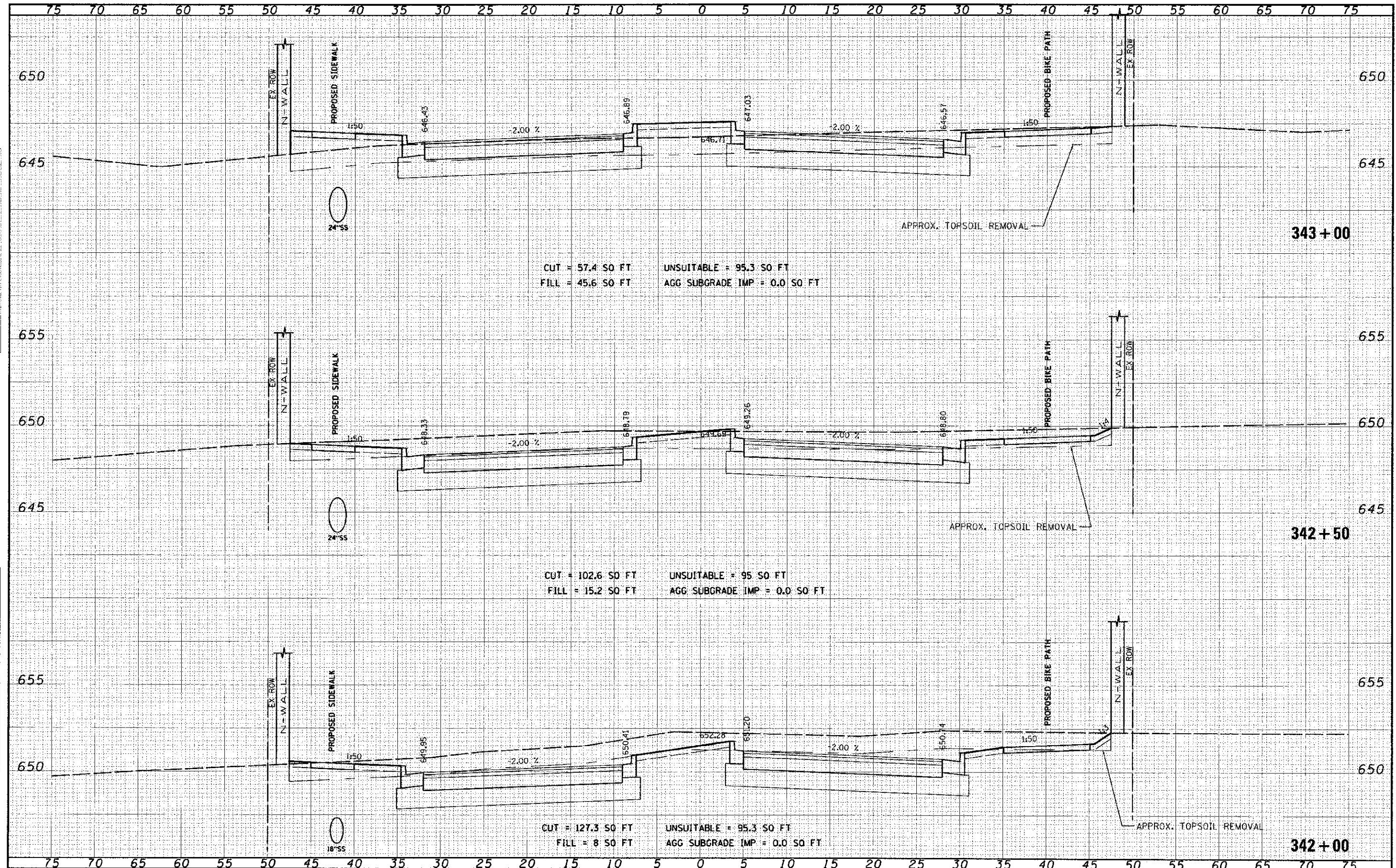
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
95th STREET**

F.A.L. RTE.	1644	SECTION	01-00181-00-PP	COUNTY	WILL	TOTAL SHEETS	328	SHEET NO.	272
						CONTRACT NO.	63647		
ILLINOIS FED. AID PROJECT									

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FILE NAME	DATE
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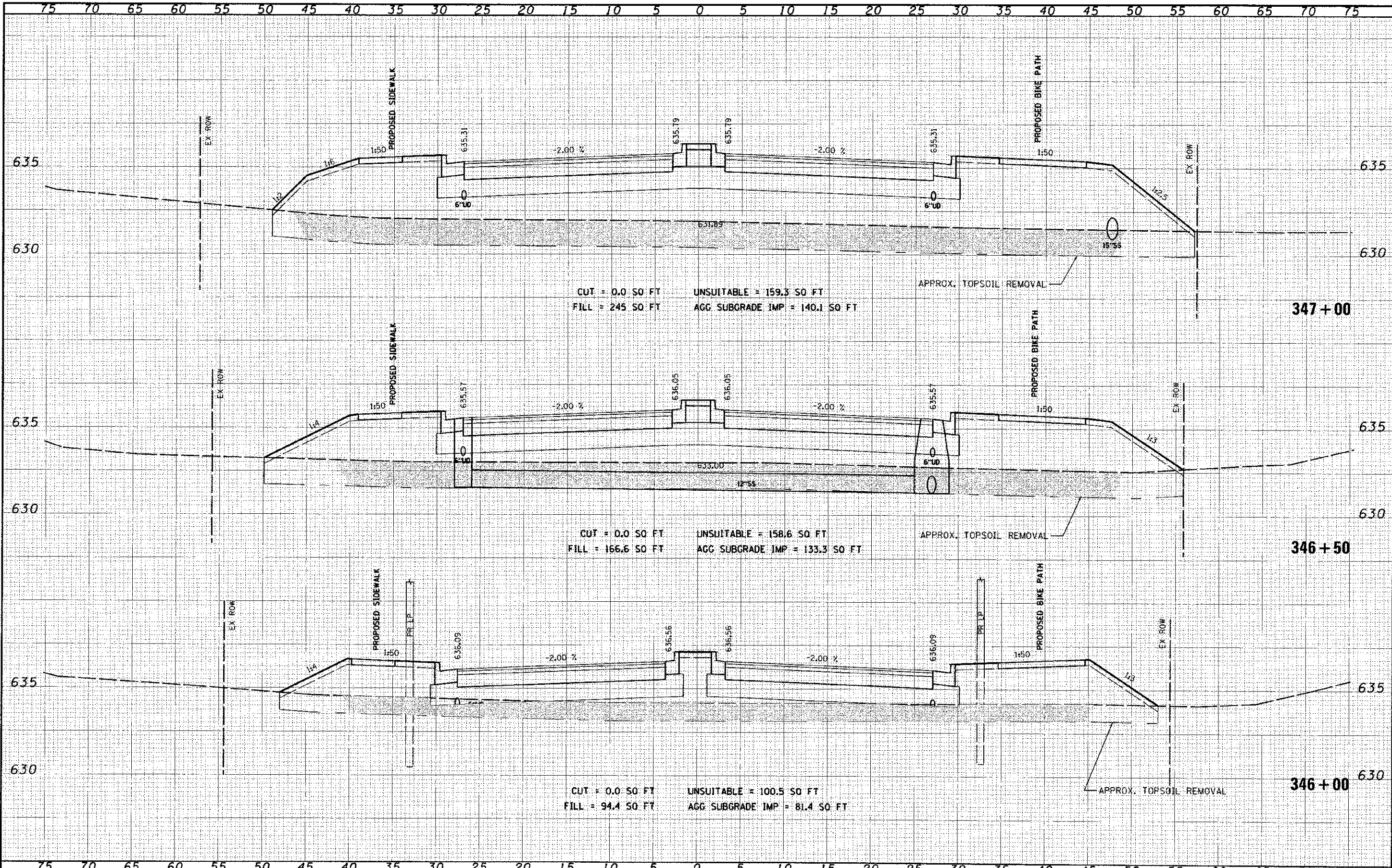
CUT = 57.4 SO FT UNSUITABLE = 95.3 SO FT
 FILL = 45.6 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 102.6 SO FT UNSUITABLE = 95 SO FT
 FILL = 15.2 SO FT AGG SUBGRADE IMP = 0.0 SO FT

CUT = 127.3 SO FT UNSUITABLE = 95.3 SO FT
 FILL = 8 SO FT AGG SUBGRADE IMP = 0.0 SO FT

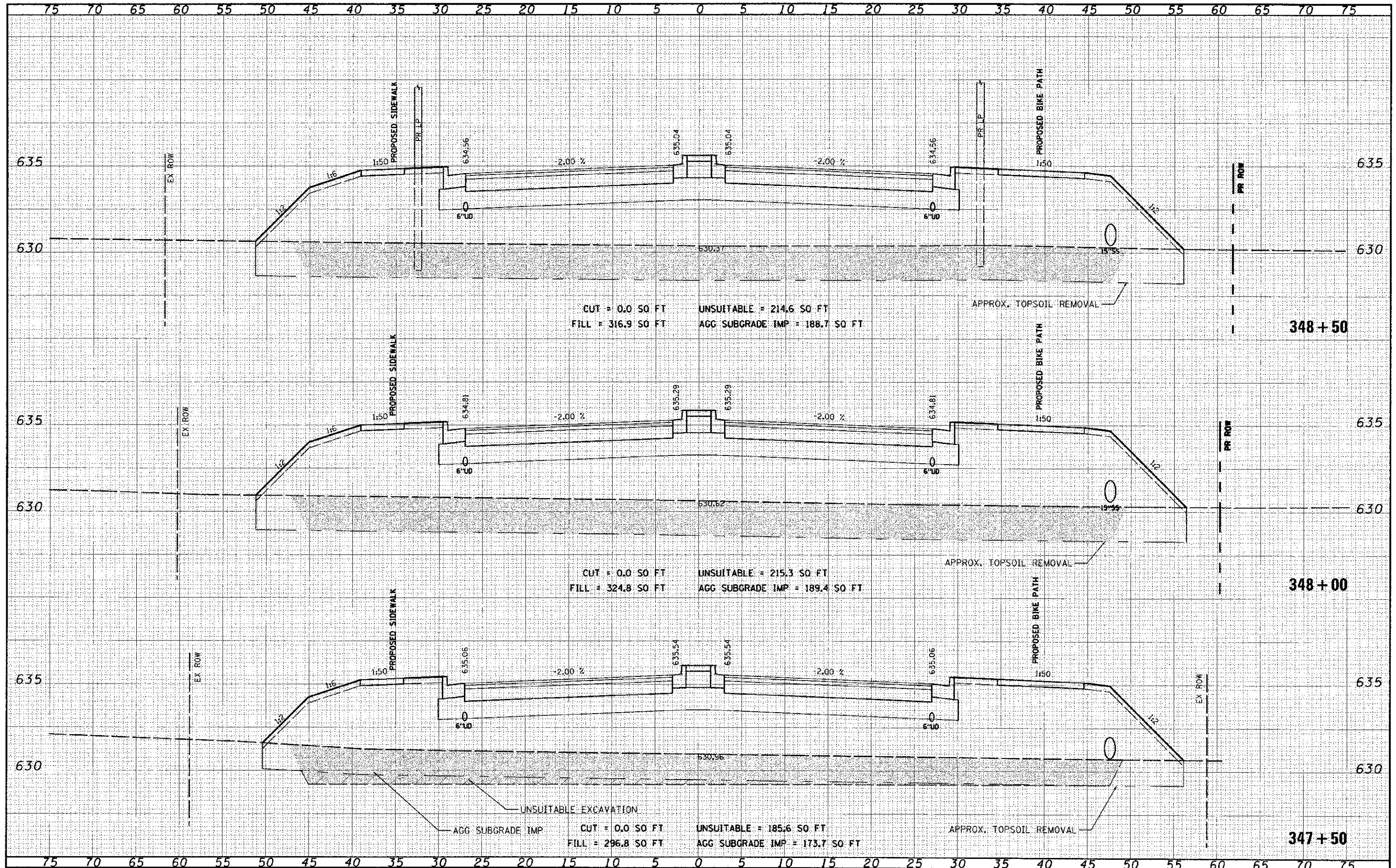
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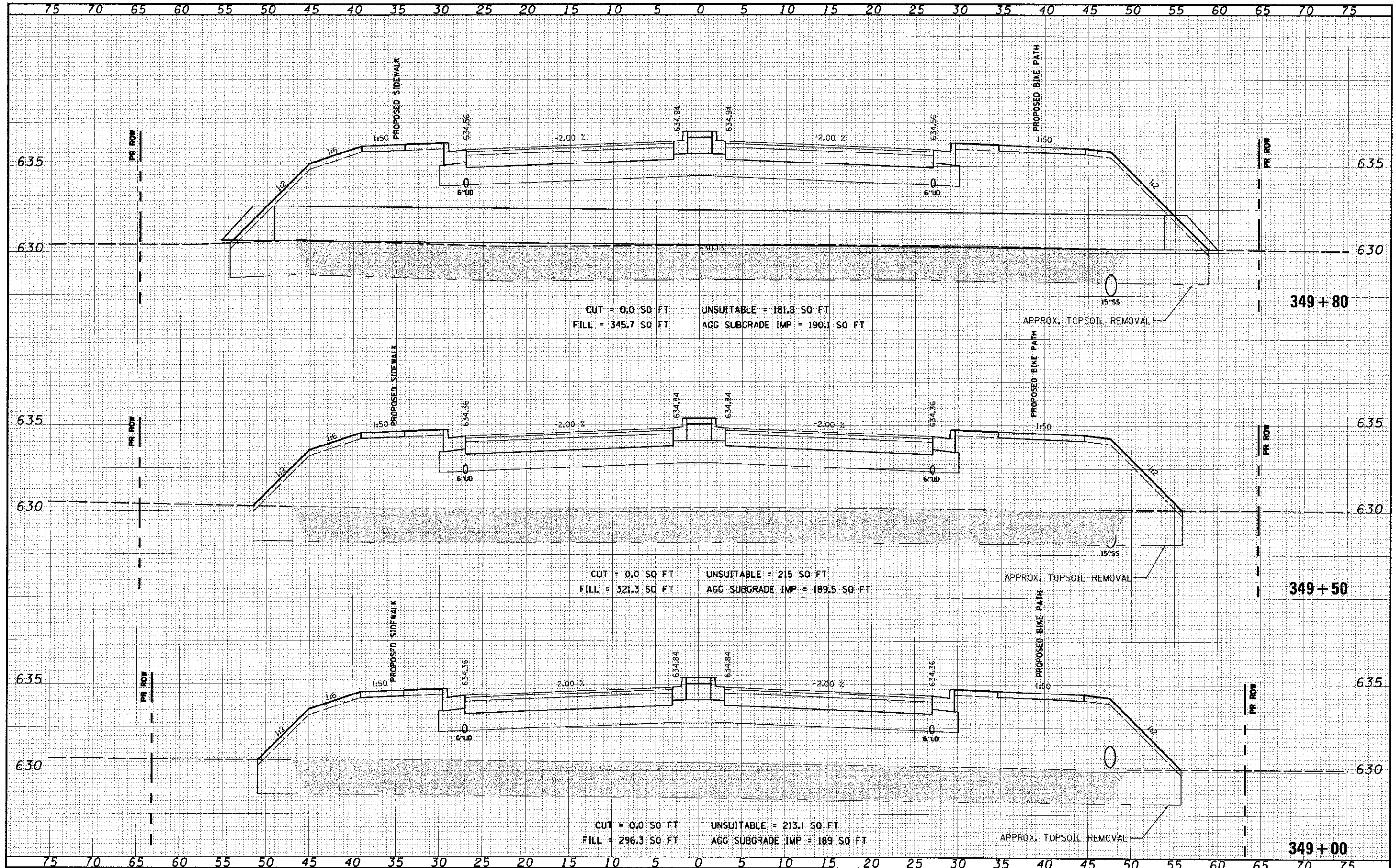
CUT = 0.0 SO FT
 FILL = 316.9 SO FT
 UNSUITABLE = 214.6 SO FT
 AGG SUBGRADE IMP = 188.7 SO FT

CUT = 0.0 SO FT
 FILL = 324.8 SO FT
 UNSUITABLE = 215.3 SO FT
 AGG SUBGRADE IMP = 189.4 SO FT

CUT = 0.0 SO FT
 FILL = 296.8 SO FT
 UNSUITABLE = 185.6 SO FT
 AGG SUBGRADE IMP = 173.7 SO FT

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SURVEY	PLANNED
NOTE BOOK	DATE
NO.	NO.

FILED	DATE
SURVEY	PLANNED
NOTE BOOK	DATE
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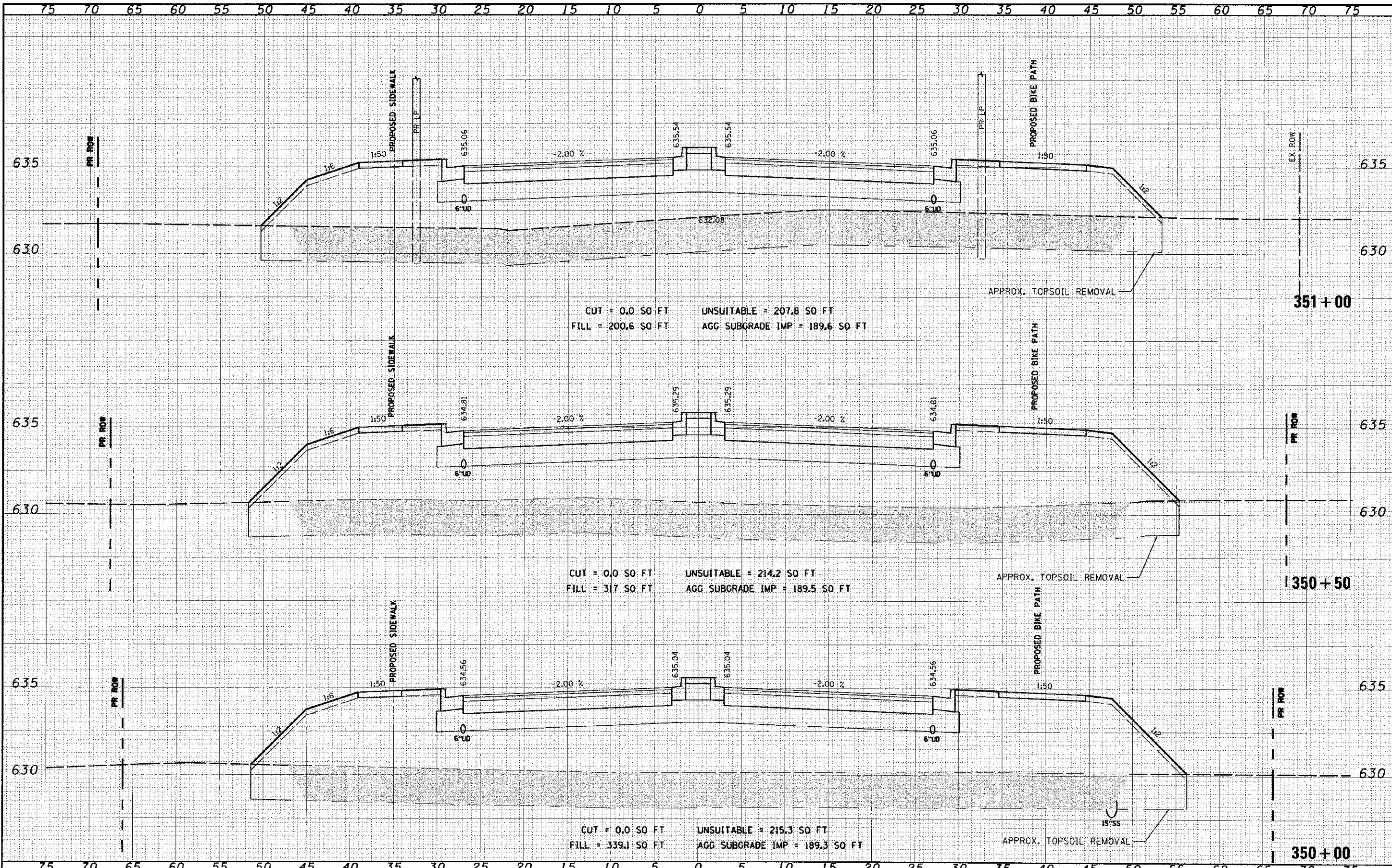
CUT = 0.0 SQ FT
 FILL = 345.7 SQ FT
 UNSUITABLE = 181.8 SQ FT
 AGG SUBGRADE IMP = 190.1 SQ FT

CUT = 0.0 SQ FT
 FILL = 321.3 SQ FT
 UNSUITABLE = 215 SQ FT
 AGG SUBGRADE IMP = 189.5 SQ FT

CUT = 0.0 SQ FT
 FILL = 296.3 SQ FT
 UNSUITABLE = 213.1 SQ FT
 AGG SUBGRADE IMP = 189 SQ FT

FINAL	DATE
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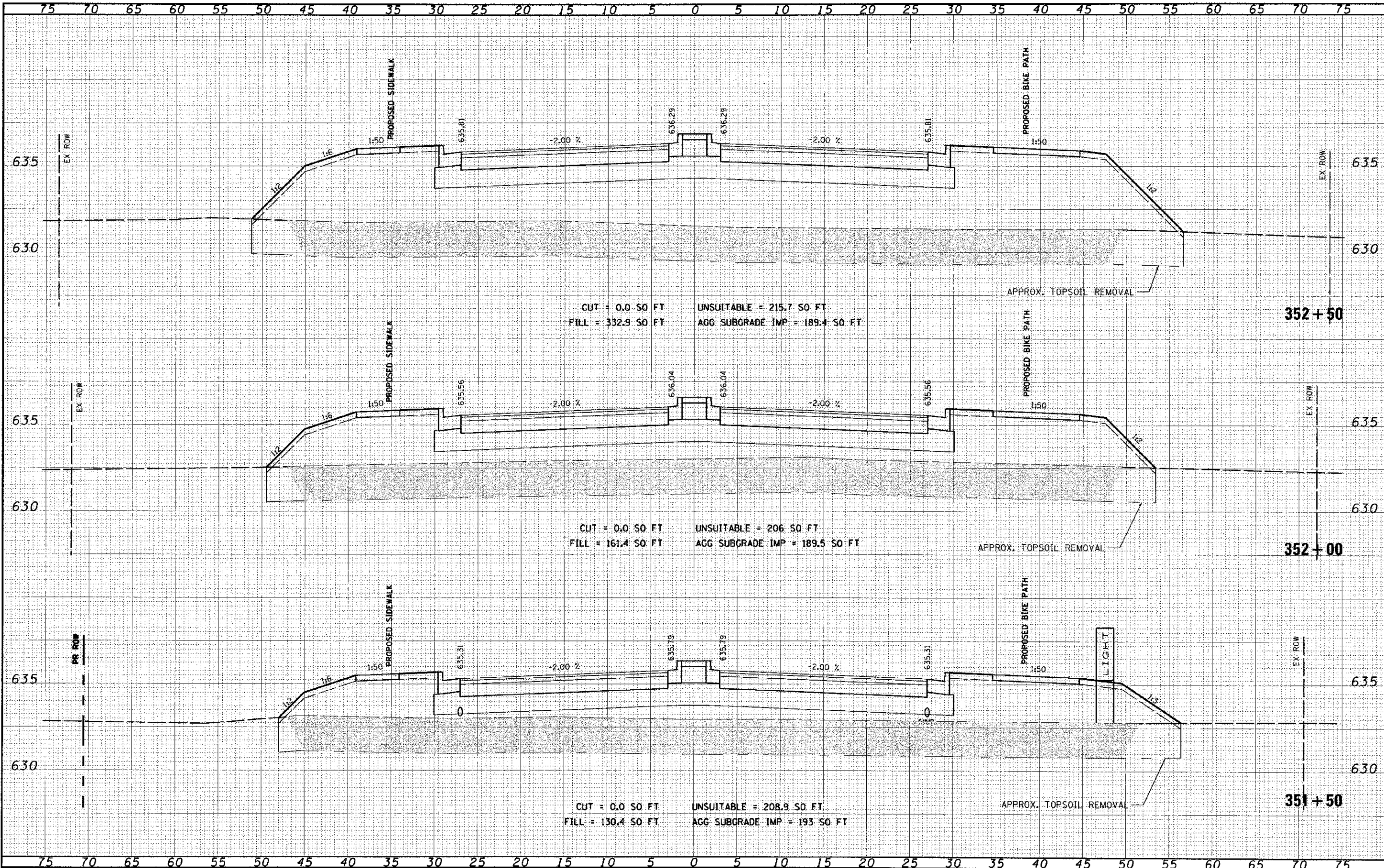
CUT = 0.0 SQ FT UNSUITABLE = 207.8 SQ FT
 FILL = 200.6 SQ FT AGG SUBGRADE IMP = 189.6 SQ FT

CUT = 0.0 SQ FT UNSUITABLE = 214.2 SQ FT
 FILL = 317 SQ FT AGG SUBGRADE IMP = 189.5 SQ FT

CUT = 0.0 SQ FT UNSUITABLE = 215.3 SQ FT
 FILL = 339.1 SQ FT AGG SUBGRADE IMP = 189.3 SQ FT

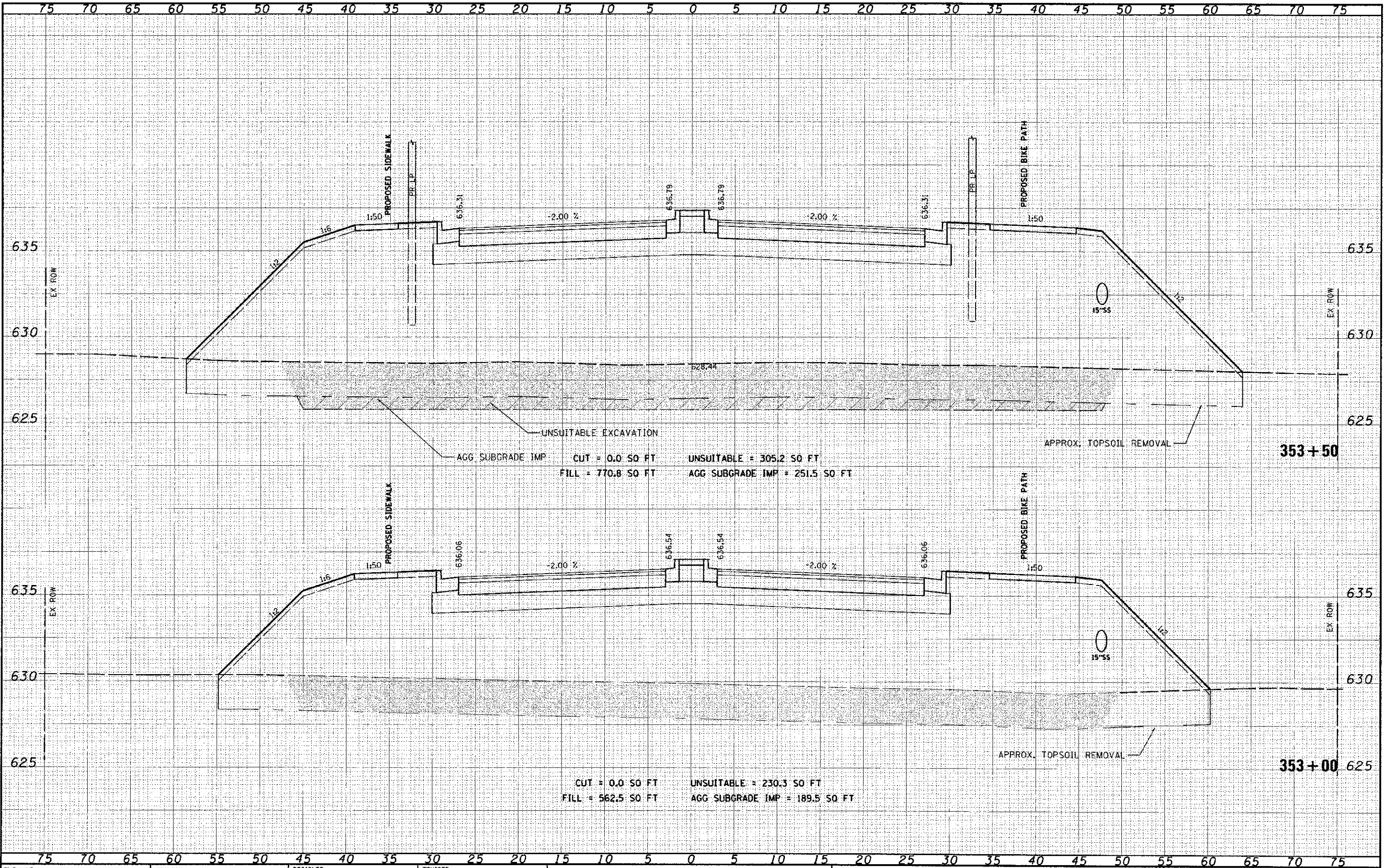
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FINAL	DATE
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CUT = 0.0 SO FT UNSUITABLE = 305.2 SO FT
 FILL = 770.8 SO FT AGG SUBGRADE IMP = 251.5 SO FT

CUT = 0.0 SO FT UNSUITABLE = 230.3 SO FT
 FILL = 562.5 SO FT AGG SUBGRADE IMP = 189.5 SO FT

FILE NAME	USER NAME
1644	1644

DESIGNED	REVISION
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CHECKED	REVISION
DATE	REVISION

SCALE	DATE
1"=50'	12/16/2012

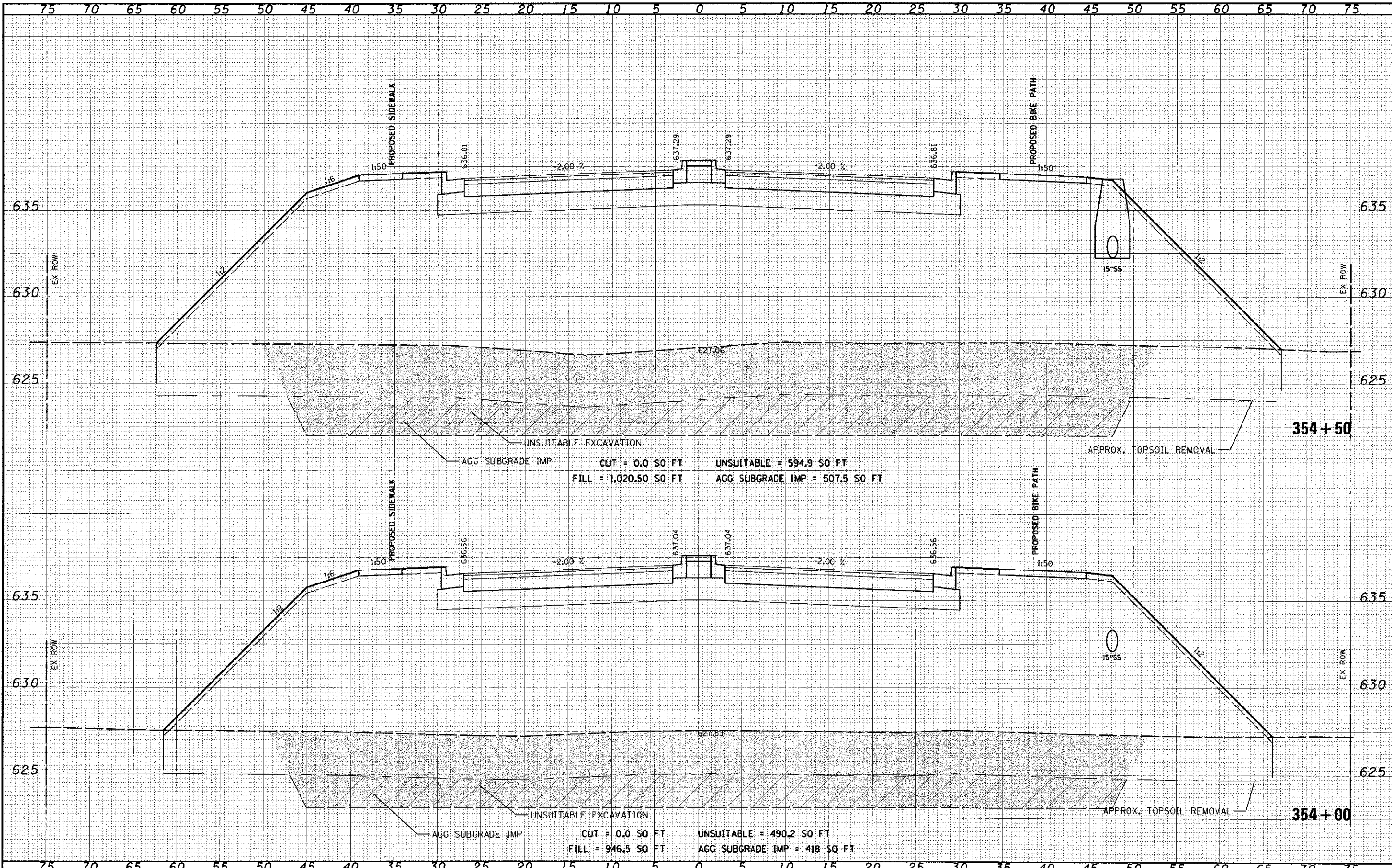
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1"=50' 1"=25' SHEET NO. 42 OF 75 SHEETS STA. 353+00 TO STA. 353+50

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-PP	WILL	328	281
CONTRACT NO. 63647				
ILLINOIS FED. AID PROJECT				

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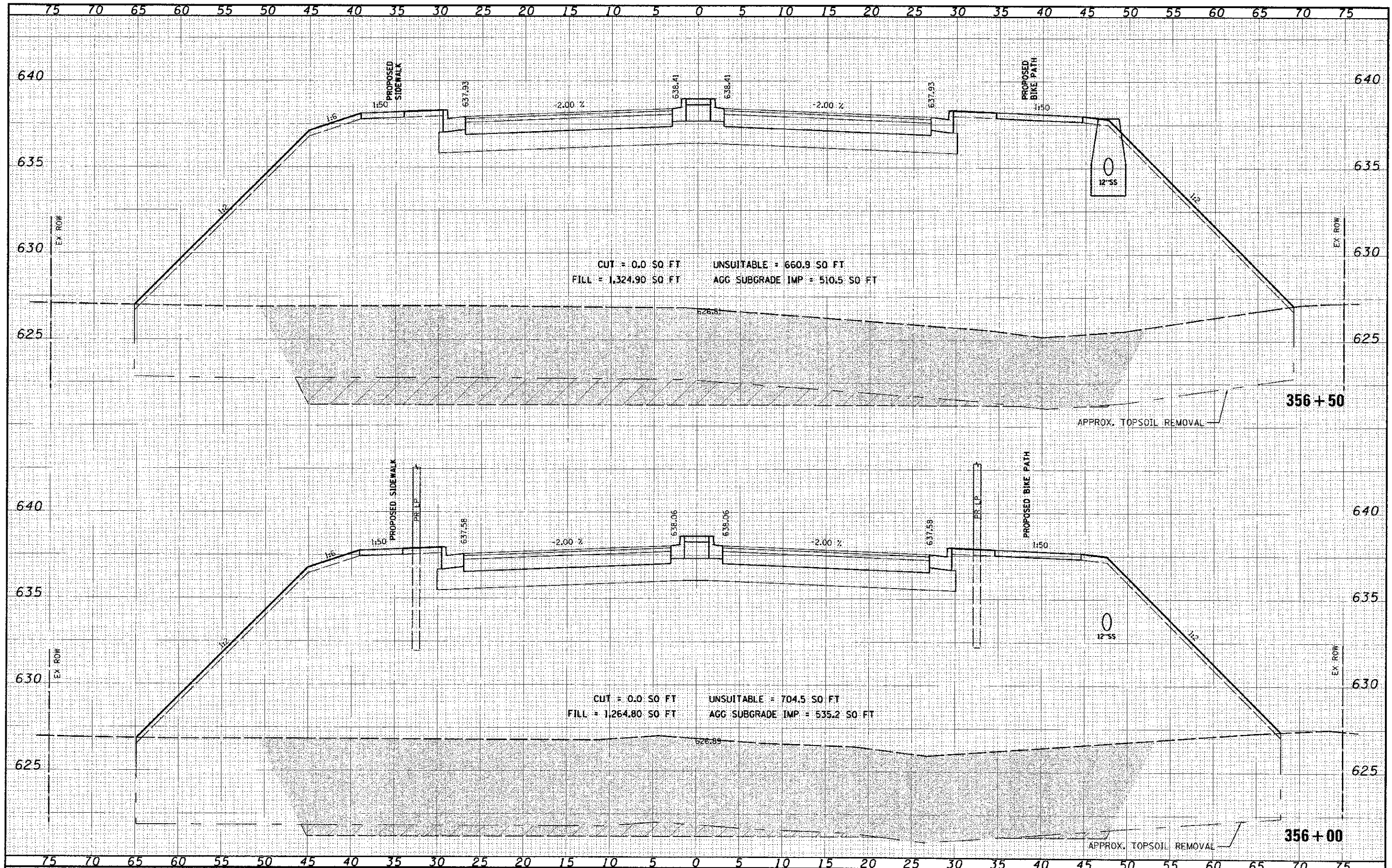
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CUT = 0.0 SQ FT UNSUITABLE = 594.9 SQ FT
 FILL = 1,020.50 SQ FT AGG. SUBGRADE IMP = 507.5 SQ FT

CUT = 0.0 SQ FT UNSUITABLE = 490.2 SQ FT
 FILL = 946.5 SQ FT AGG. SUBGRADE IMP = 418 SQ FT

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS 95th STREET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95th St	Jamal...	-	-	SCALE: 1"=5% 1"=2.5'		SHEET NO. 43 OF 75 SHEETS STA. 354+00 TO STA. 354+50		1644	01-00181-00-PP	WILL	328	282
	P.O. 504 F = 5,0360 / th.	DRAWN	REVISED									
	P.C. DATE = 12/16/2012	CHECKED	REVISED									
		DATE	REVISED									
												CONTRACT NO. 63647
												ILLINOIS FED. AID PROJECT



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FILE NAME: 1644-01-00181-00-FP
 PLOT SCALE: 1"=25'
 PLOT DATE: 12/16/2012

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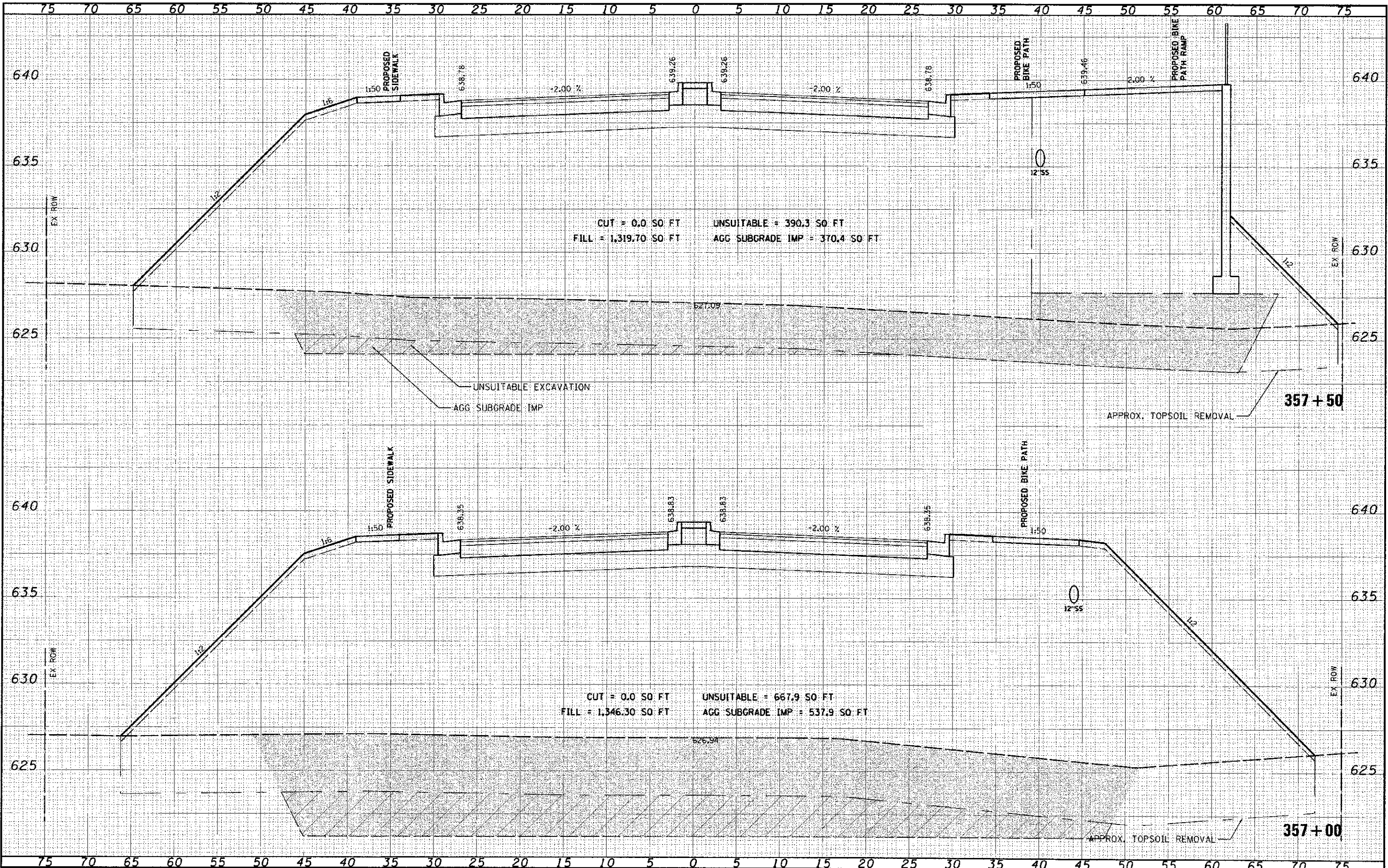
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1"=5' H, 1"=25' V SHEET NO. 45 OF 75 SHEETS STA. 356+00 TO STA. 356+50

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	284
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	

FILE NAME	DATE
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FILE NAME	DATE
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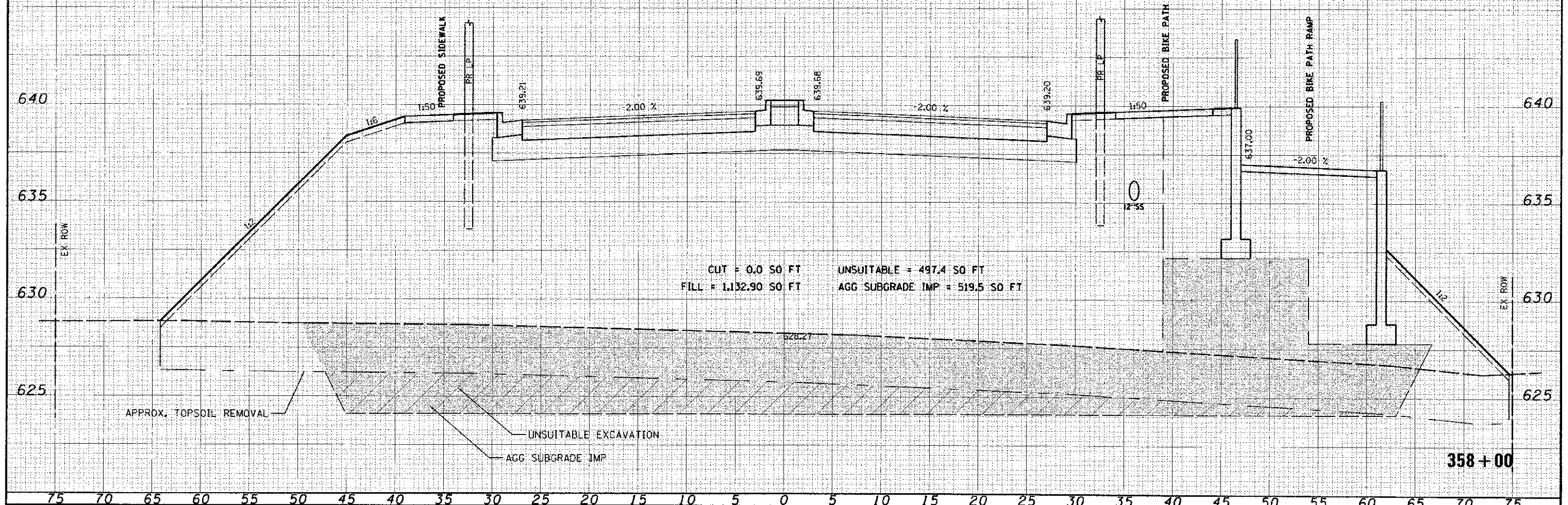
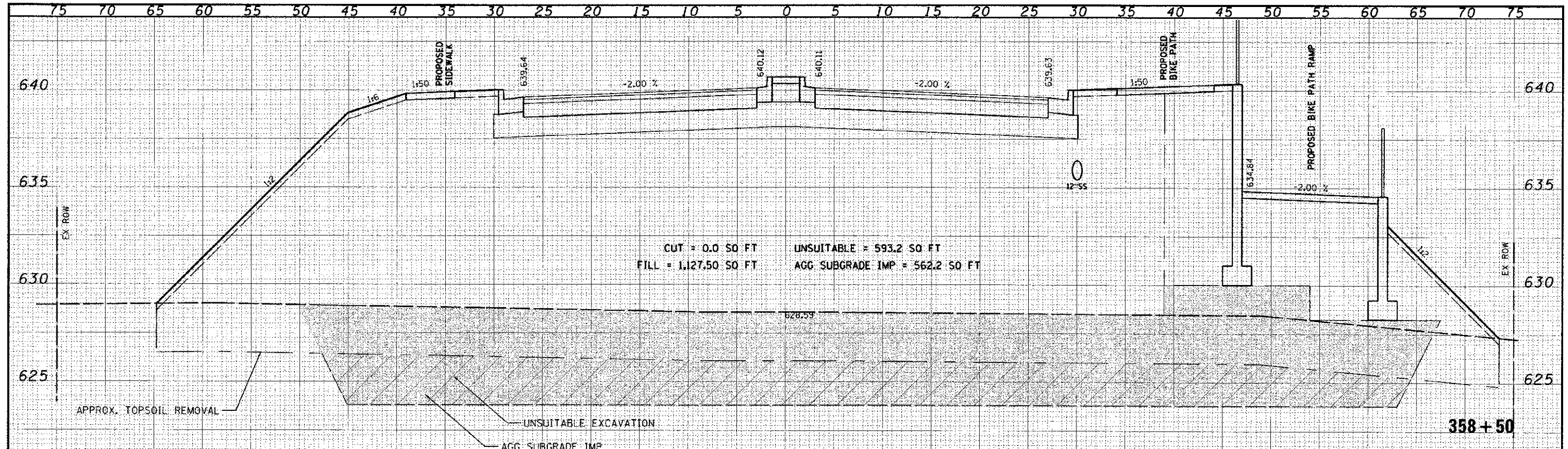


CUT = 0.0 SQ FT
 UNSUITABLE = 390.3 SQ FT
 FILL = 1,319.70 SQ FT
 AGG SUBGRADE IMP = 370.4 SQ FT

CUT = 0.0 SQ FT
 UNSUITABLE = 667.9 SQ FT
 FILL = 1,346.30 SQ FT
 AGG SUBGRADE IMP = 537.9 SQ FT

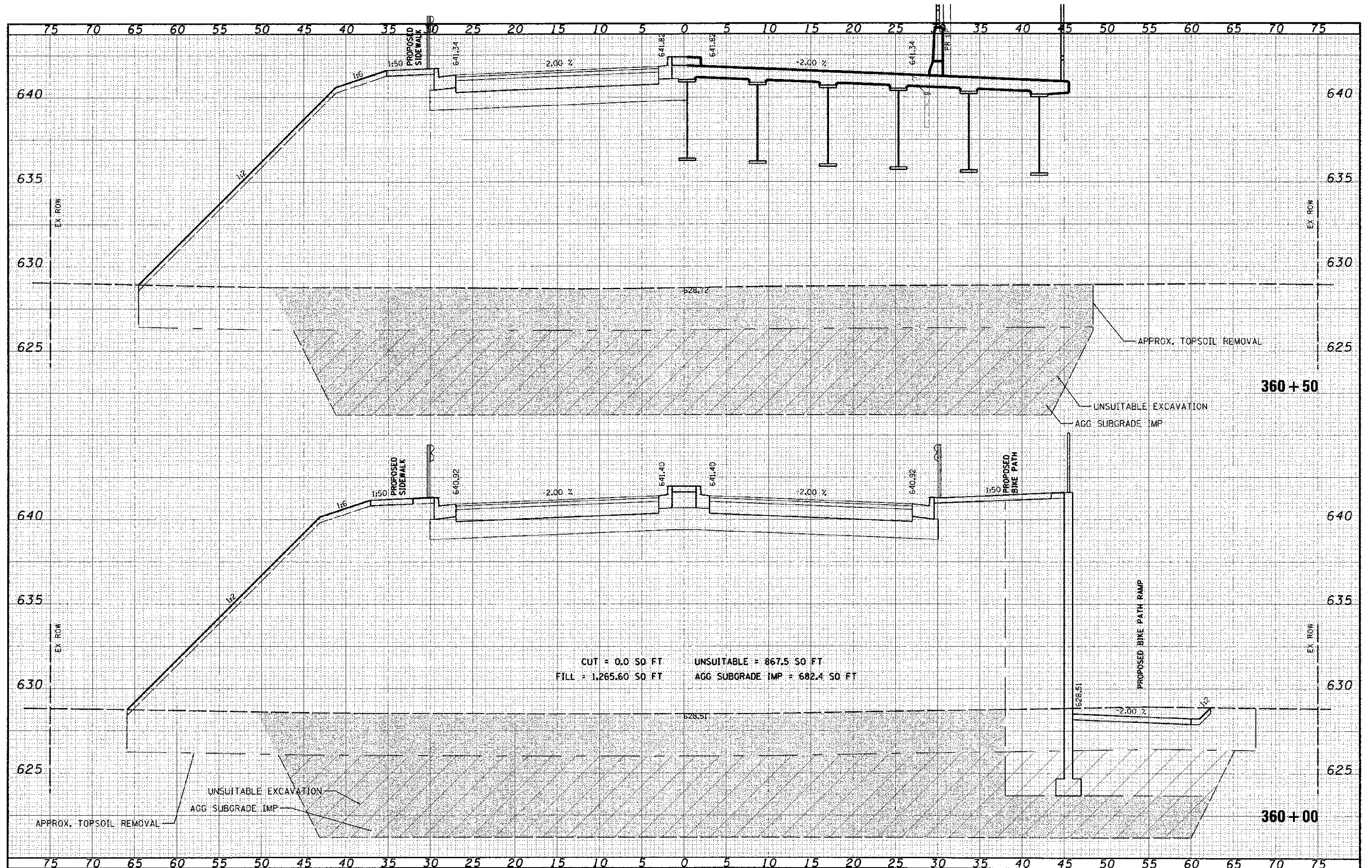
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FILE NAME	USHR NAME = James-pash
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FILE SCALE = 5/8" = 1' HORIZ
PLOT DATE = 10/16/2012

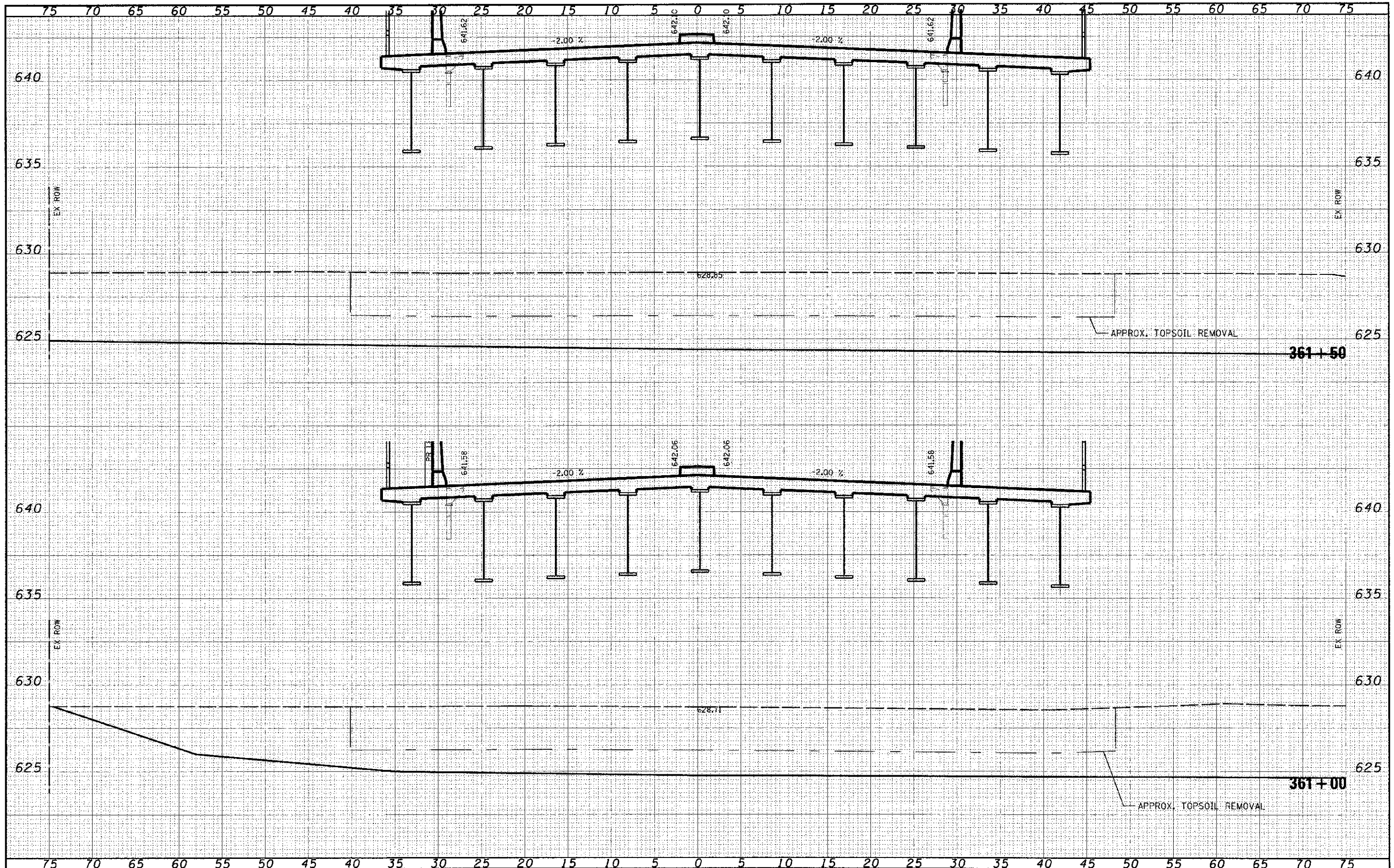
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
95th STREET
 SCALE: 1" = 5' H, 1" = 2.5' V SHEET NO. 49 OF 75 SHEETS STA. 360+00 TO STA. 360+50

F.A.J. RTE. 1644	SECTION 01-00181-00-PP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 288
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	

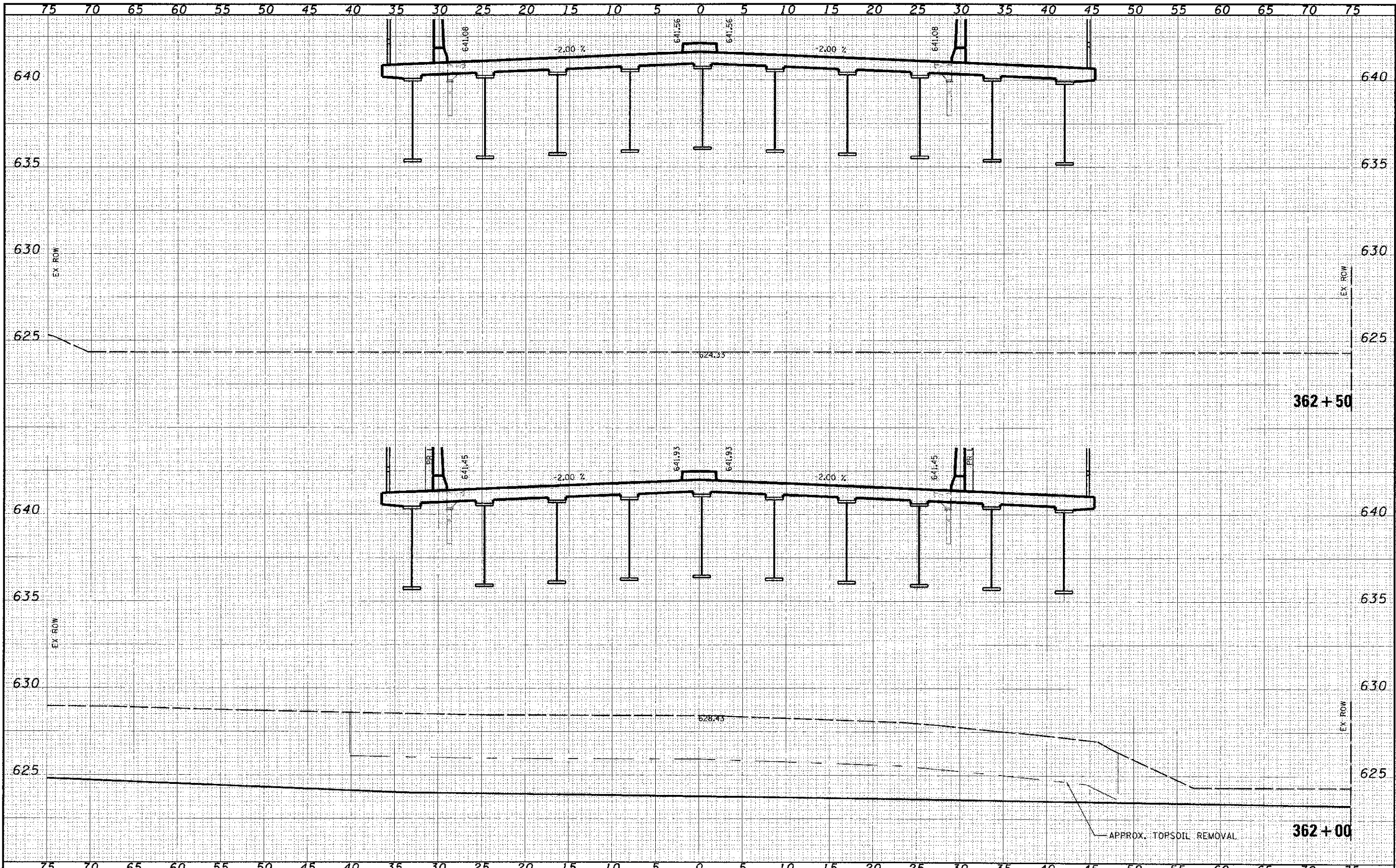
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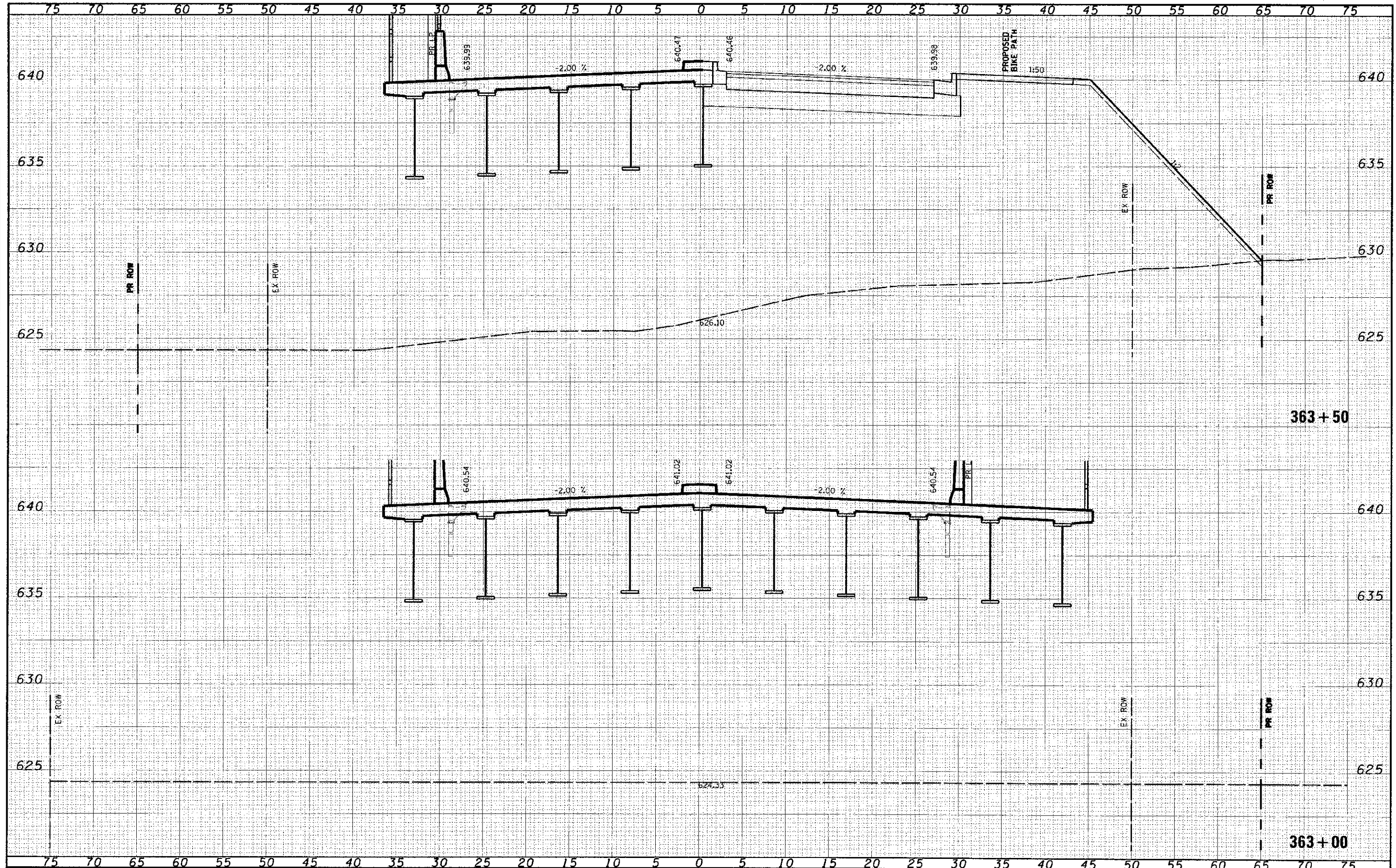
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FILE NAME	USER NAME = james.push	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS 95th STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NO. 100	PRINT SCALE = 5/8" = 1' - 0"	DRAWN -	REVISED -			1644	01-00181-00-FP	WILL	328	290
	PLOT DATE = 10/16/2012	CHECKED -	REVISED -			CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	
		DATE	REVISED -			SCALE: 1"=5' H 1"=25' V SHEET NO. 51 OF 75 SHEETS STA. 362+00 TO STA. 362+50				

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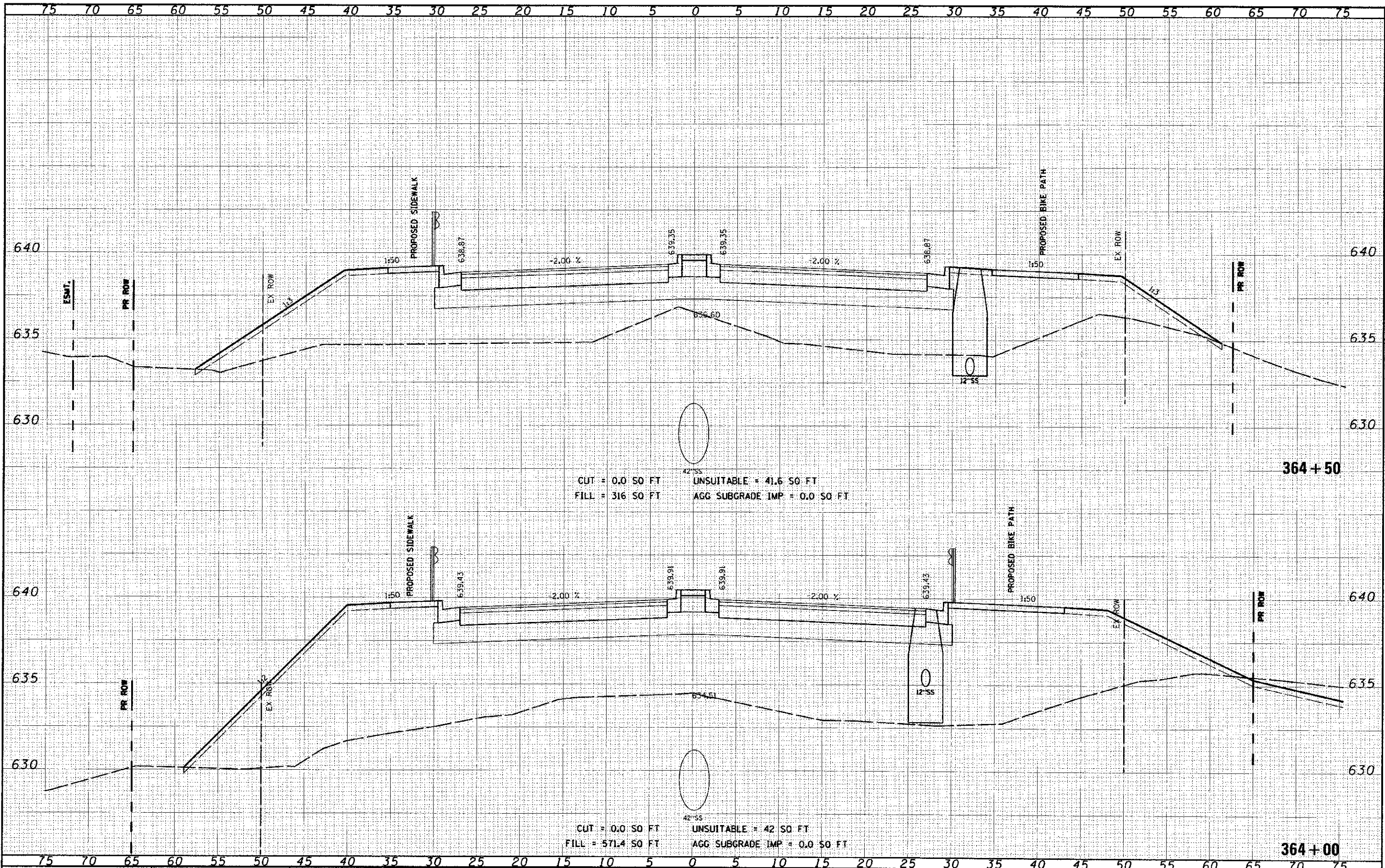
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1"=5'H 1"=25'V
 SHEET NO. 52 OF 75 SHEETS
 STA. 363+00 TO STA. 363+50

FALL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	291
				CONTRACT NO. 63647
ILLINOIS FED. AID PROJECT				

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PLT. F. NAME =
 PLOT DATE = 10/16/2012

USER NAME = jemas_high
 PLOT SCALE = 1/8" = 1'

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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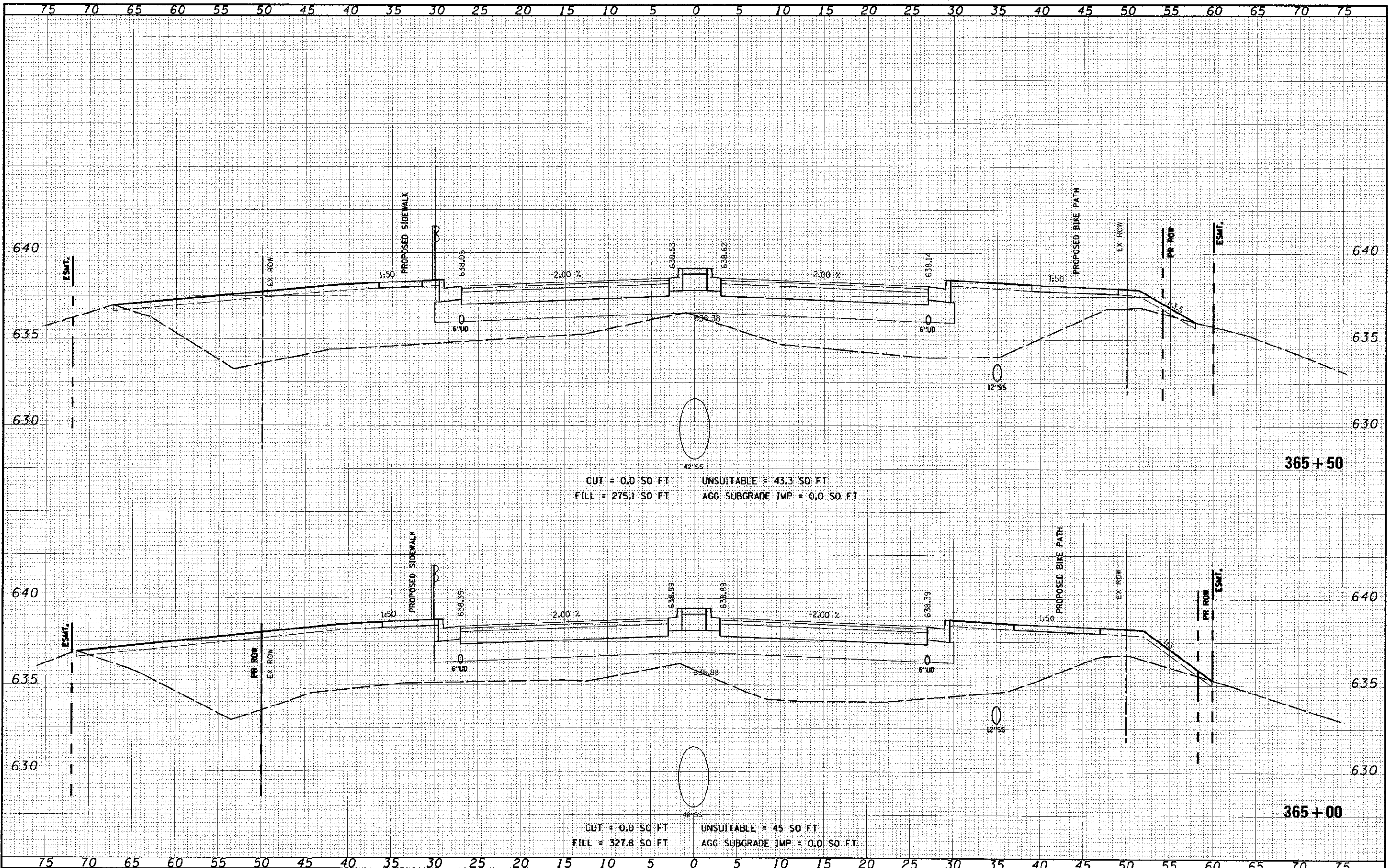
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 95th STREET
 SCALE: 1" = 5' H, 1" = 25' V
 SHEET NO. 53 OF 75 SHEETS
 STA. 364+00 TO STA. 364+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-CO181-00-FP	WILL	328	292
CONTRACT NO. 63647				
ILLINOIS FED. AID PROJECT				

DATE	
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DESCRIPTION	



CUT = 0.0 SQ FT UNSUITABLE = 43.3 SQ FT
 FILL = 275.1 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

CUT = 0.0 SQ FT UNSUITABLE = 45 SQ FT
 FILL = 327.8 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

FILE NAME =
 #FILEL#

USER NAME = James.pugh
 PLOT SCALE = 5/3200" = 1/400"
 PLOT DATE = 10/16/2012

DESIGNED -
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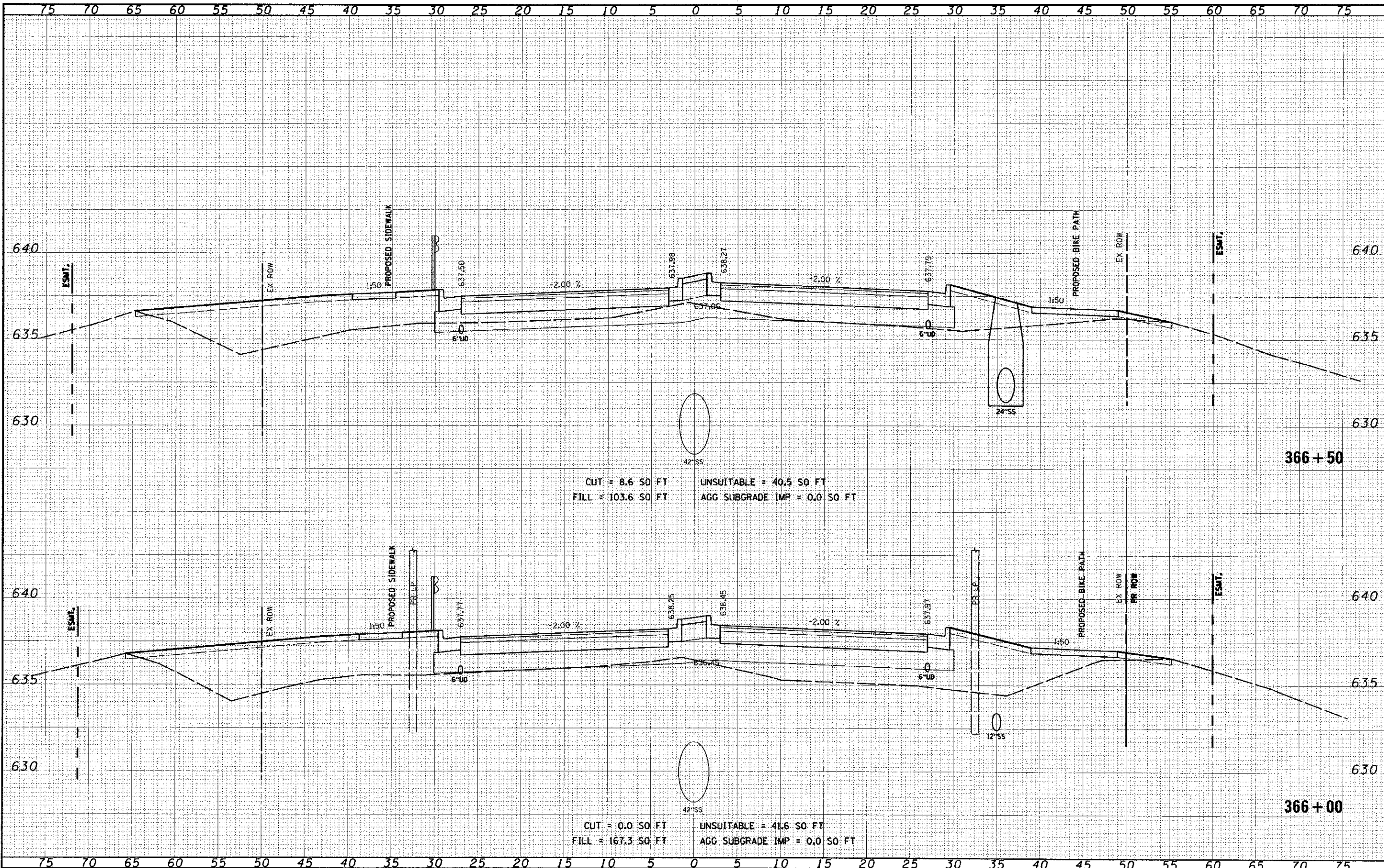
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
95th STREET
 SCALE: 1"=50' 1"=25' SHEET NO. 54 OF 75 SHEETS STA. 365+00 TO STA. 365+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	293
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	

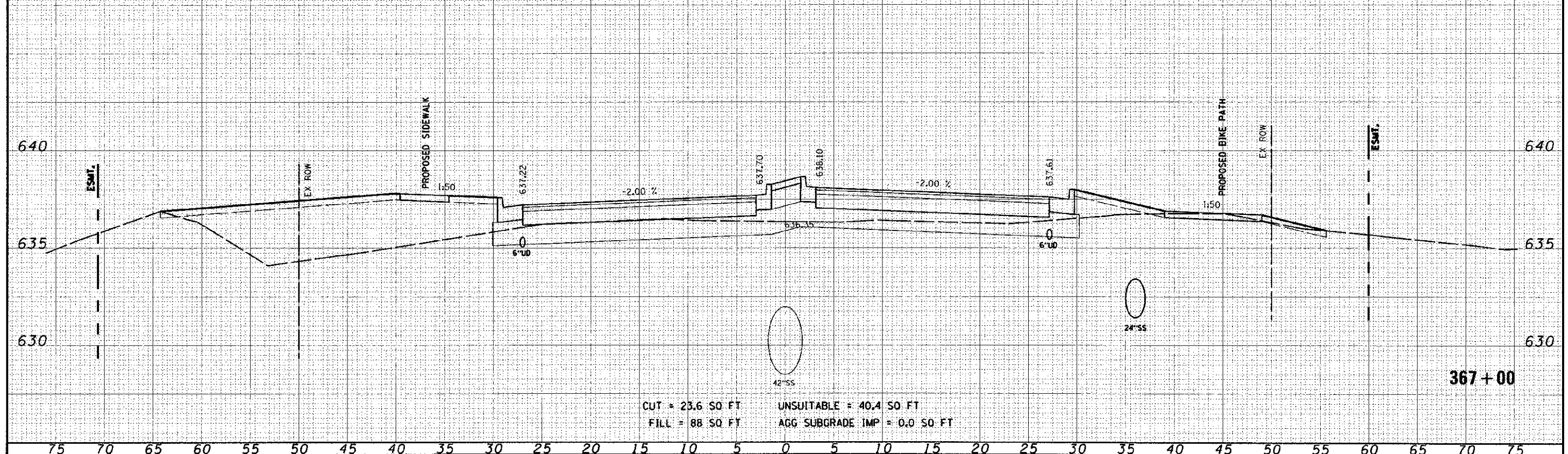
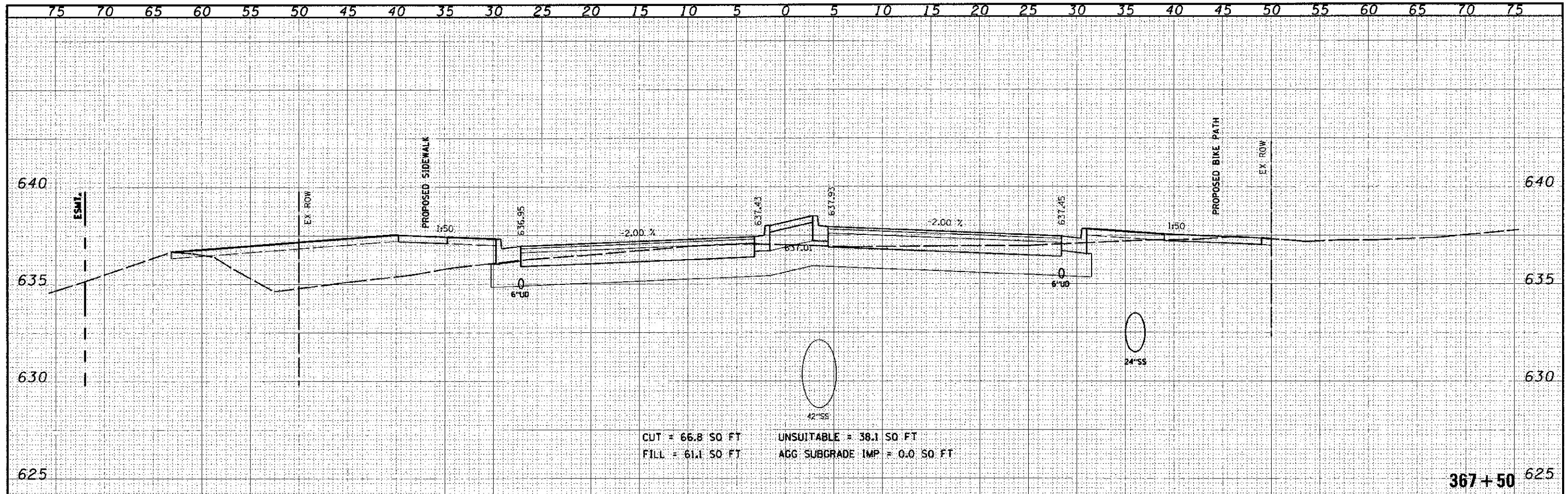
FINAL	DATE	BY
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GENERAL	DATE	BY
SUPPLY		
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NOTES		
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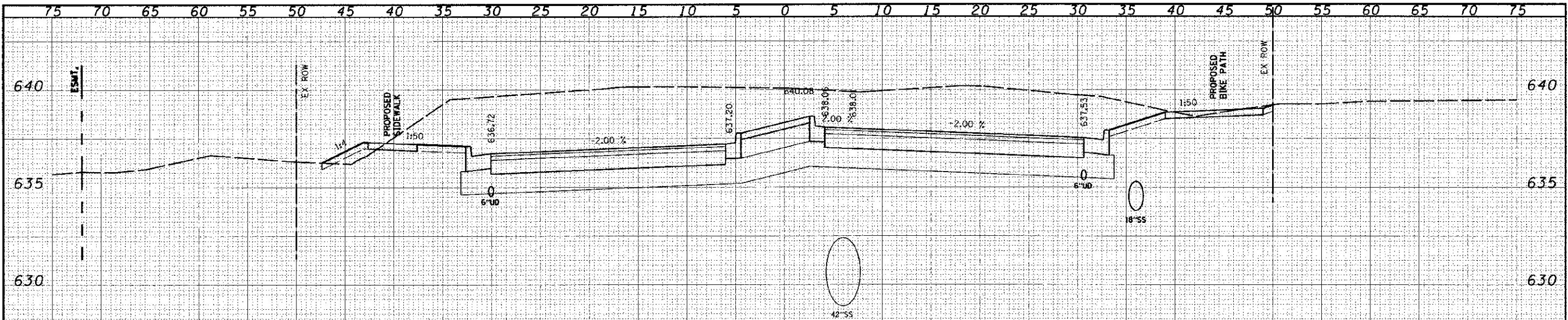
FINAL	DATE
SUPPLY	BY
NOTE BOOK	PLOTTED
AREAS	TEMPERATURE
CHECKED	AREAS
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ORIGINAL	DATE
SUPPLY	BY
NOTE BOOK	PLOTTED
AREAS	TEMPERATURE
CHECKED	AREAS
NO.	CHECKED



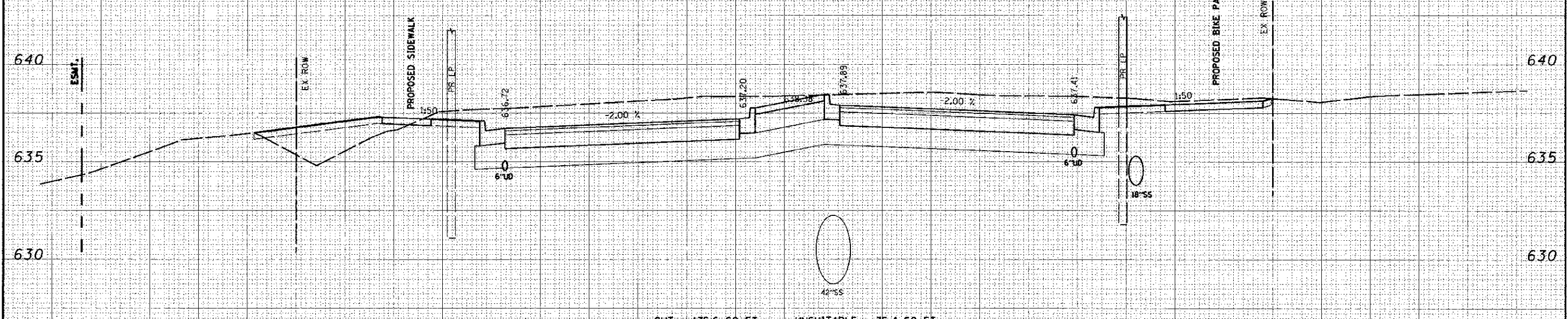
FILE NAME	BY	DATE
PROJECT NO.	DESIGNED	
PROJECT NAME	DRAWN	
PROJECT LOCATION	CHECKED	
PROJECT AREA	DATE	
PROJECT STATUS		

FILE NAME	BY	DATE
PROJECT NO.	DESIGNED	
PROJECT NAME	DRAWN	
PROJECT LOCATION	CHECKED	
PROJECT AREA	DATE	
PROJECT STATUS		



CUT = 298.7 SQ FT UNSUITABLE = 33.3 SQ FT
 FILL = 4.3 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

368+50

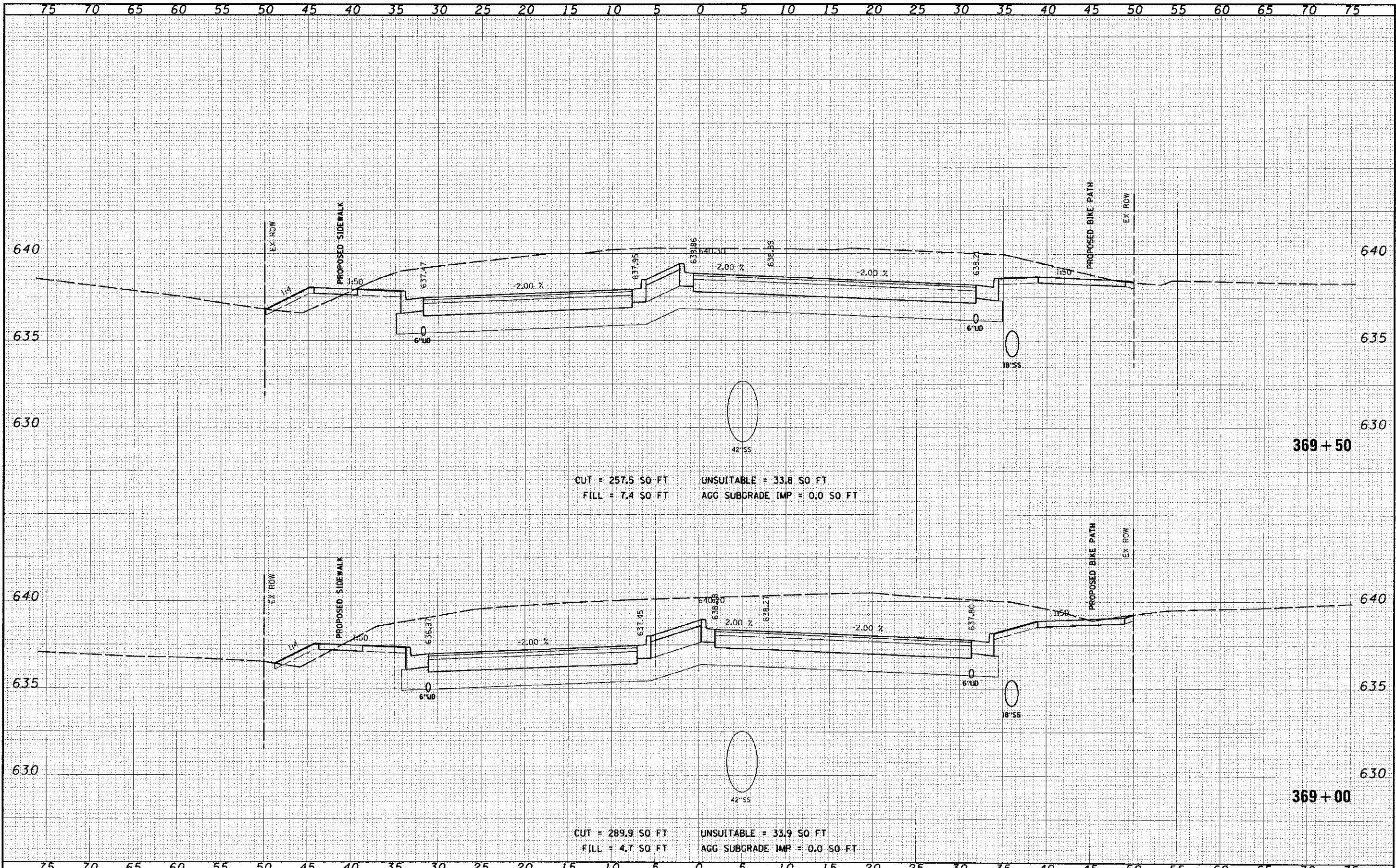


CUT = 175.6 SQ FT UNSUITABLE = 35.4 SQ FT
 FILL = 19 SQ FT AGG SUBGRADE IMP = 0.0 SQ FT

368+00

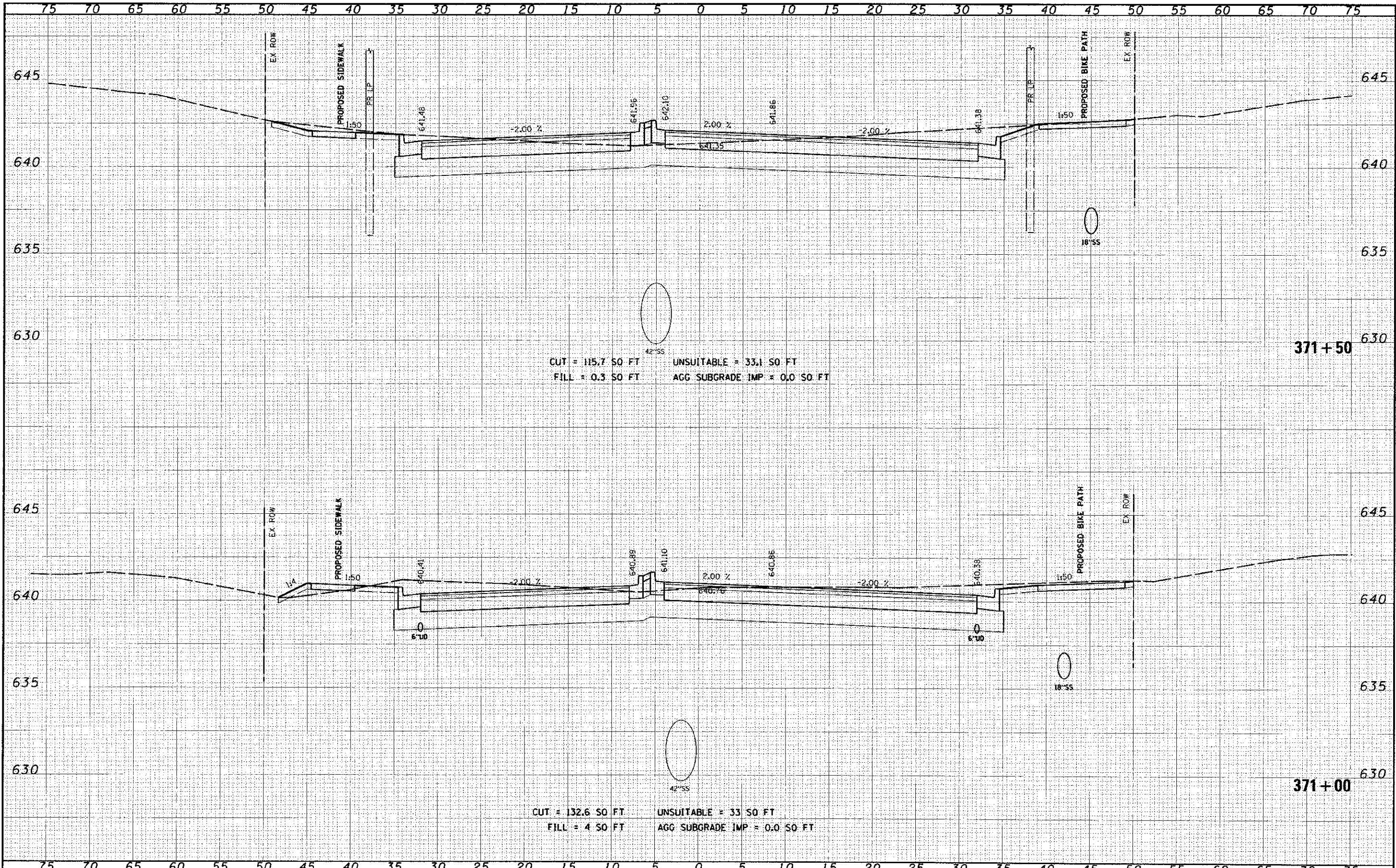
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FINAL	DATE
REVISION	
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DESIGNED	DATE
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DATE	
REVISION	
DATE	
REVISION	
DATE	



FILE NAME	1644
USER NAME	JAMES.P.
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

ORIGINAL	NO
SUBMIT	NO
DATE	-
BY	-

