

LOCATION: SEC 12, T39N-R8E,
GENEVA, KANE COUNTY, ILLINOIS

FOR INFORMATION ONLY



NORTH



SCALE: 1" = 30'

OWNER:

**KANE COUNTY
INFORMATION
TECHNOLOGY**

719 S BATAVIA AVE
GENEVA, ILLINOIS 60134
PHONE: (630) 208-8655
FAX: (630) 208-8659

CONTRACTOR:



2740 Beverly Dr, Unit D
Aurora, Illinois 60502
Phone: (630) 851-7751
Cell: (830) 768-7083

DESIGN FIRM:



184 Shuman Blvd, Suite 575
Naperville, Illinois 60563
Phone: (708) 995-2050
Fax: (630) 839-4141

REV.	DATE	DESCRIPTION
	08/01/15	PERMIT
1	08/02/15	CLIENT
2	08/03/15	CITY

PROJECT #: 1538-003

DESIGNED BY: LK

DRAWN BY: LK

APPROVED BY: AA

DATE: SEPTEMBER 01, 2015

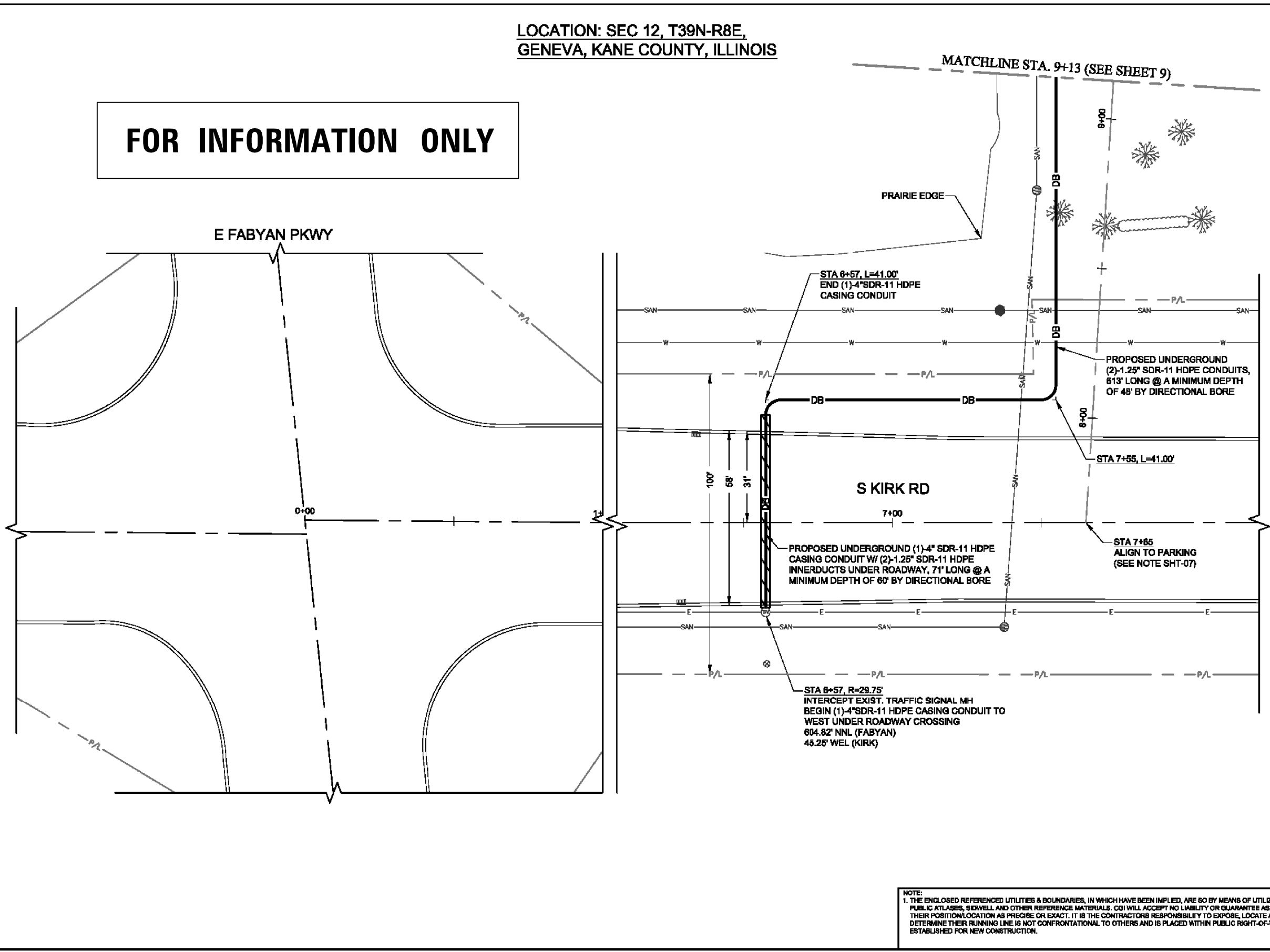
PROJECT:

OUTSIDE PLANT
FIBER OPTIC CONDUIT BUILD
FOREST PRESERVE ICE ARENA
1966 S KIRK RD
GENEVA, ILLINOIS 60134

SHEET NO.

8

SHEET 8 OF 11



NOTE:
1. THE ENCLOSED REFERENCED UTILITIES & BOUNDARIES, IN WHICH HAVE BEEN IMPLIED, ARE SO BY MEANS OF UTILIZING PUBLIC ATLAS, SIDWELL AND OTHER REFERENCE MATERIALS. CGI WILL ACCEPT NO LIABILITY OR GUARANTEE AS TO THEIR POSITION/LOCATION AS PRECISE OR EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXPOSE, LOCATE AND DETERMINE THEIR RUNNING LINE IS NOT CONFRONTATIONAL TO OTHERS AND IS PLACED WITHIN PUBLIC RIGHT-OF-WAYS, ESTABLISHED FOR NEW CONSTRUCTION.

DATE	BY	DATE	BY
DATE	BY	DATE	BY

CHRISTOPHER B. BURKE
ENGINEERING LTD.
3575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(630) 923-5500

PROFILE
SURVEYED
GRADES CHECKED
BLM. NOTED
STRUCTURE NOTATIONS OKWD

FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -
N:\Kane County\150239\Traffic\sht-IT-EX-	SYSTEM-DRAWING_03.dgn	DRAWN - FPB	REVISED -
	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/31/2018	DATE -	REVISED -

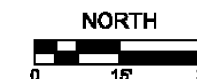
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING IT NETWORK FIBER SYSTEM AT ICE ARENA
(FOR INFORMATION ONLY)

SCALE: 1" = 48&T.S. SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360/363	11-00201-04-CH	KANE	410	201
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E97	

**LOCATION: SEC 12, T39N-R8E,
GENEVA, KANE COUNTY, ILLINOIS**



SCALE: 1" = 30'

OWNER:
**KANE COUNTY
INFORMATION
TECHNOLOGY**
719 S BATAVIA AVE
GENEVA, ILLINOIS 60134
PHONE: (830) 208-8855
FAX: (830) 208-8858

CONTRACTOR:
**NT INTERNATIONAL
TECHNOLOGIES**
2740 Beverly Dr, Unit D
Aurora, Illinois 60502
Phone: (830) 851-7751
Cell: (830) 768-7083

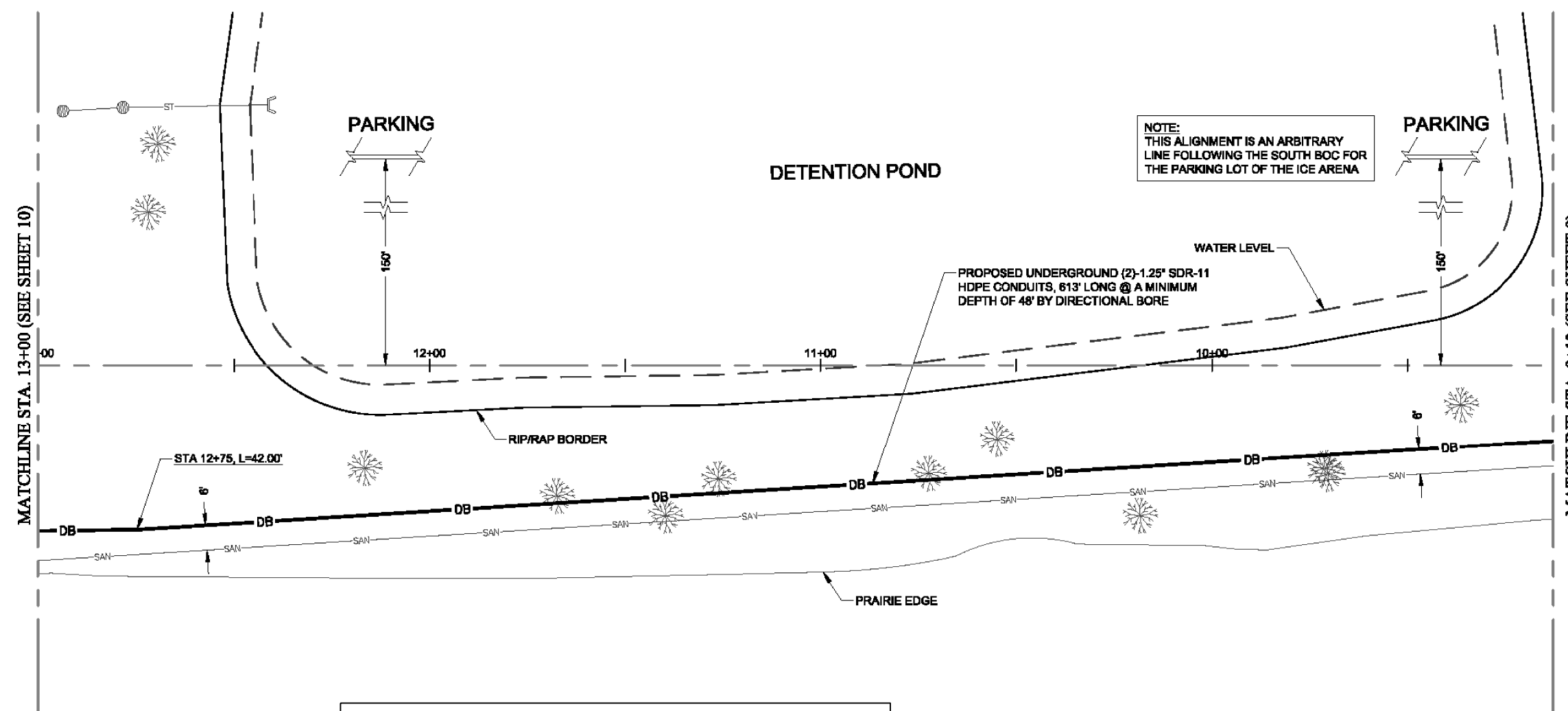
DESIGN FIRM:
**COMDESCO
GROUP**
COMMUNICATION DESIGN COMPANY
184 Shuman Blvd; Suite 575
Naperville, Illinois 60563
Phone: (708) 995-2050
Fax: (830) 839-4141

REV.	DATE	DESCRIPTION
	08/01/15	PERMIT
1	08/02/15	CLIENT
2	08/03/15	CITY

PROJECT #: 1538-003
DESIGNED BY: LK
DRAWN BY: LK
APPROVED BY: AA
DATE: SEPTEMBER 01, 2015
PROJECT:

OUTSIDE PLANT
FIBER OPTIC CONDUIT BUILD
FOREST PRESERVE ICE ARENA
1966 S KIRK RD
GENEVA, ILLINOIS 60134

SHEET NO.
9
SHEET 9 OF 11



NOTE:
THIS ALIGNMENT IS AN ARBITRARY
LINE FOLLOWING THE SOUTH BOC FOR
THE PARKING LOT OF THE ICE ARENA

PROPOSED UNDERGROUND (2)-1.25" SDR-11
HDPE CONDUITS, 813' LONG @ A MINIMUM
DEPTH OF 48" BY DIRECTIONAL BORE

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PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
BLM. NOTED		
STRUCTURE NOTATIONS OK'D		
NOTE BOOK NO.		

PLAN	DATE	BY
SURVEYED		
ALIGNMENT CHECKED		
R.T. OF WAY CHECKED		
ADD. FILE NAME		
NOTE BOOK NO.		

CHRISTOPHER B. BURKE ENGINEERING LTD.
8575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(647) 822-5930

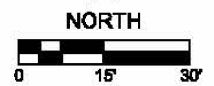
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PLOT SCALE = 48"		CHECKED - GMZ	REVISED -
PLOT DATE = 10/31/2018		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING IT NETWORK FIBER SYSTEM AT ICE ARENA
(FOR INFORMATION ONLY)**
SCALE: 1" = 48' T.S. SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.P. R.T.E. 360/363	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 202
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61E97	

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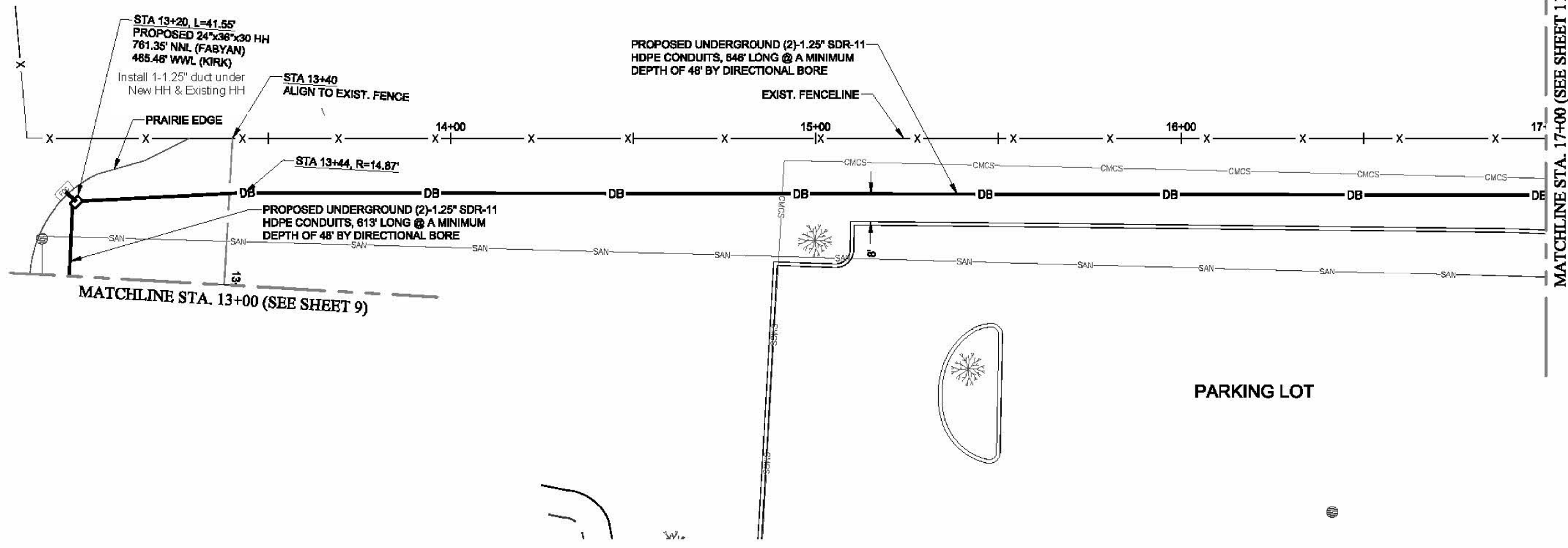
DESIGN FIRM:
**COMDESCO
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COMMUNICATION DESIGN COMPANY
184 Shuman Blvd; Suite 575
Naperville, Illinois 60563
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Fax: (830) 839-4141

REV.	DATE	DESCRIPTION
	08/01/15	PERMIT
1	08/02/15	CLIENT
2	08/03/15	CITY

PROJECT #: 1538-003
DESIGNED BY: LK
DRAWN BY: LK
APPROVED BY: AA
DATE: SEPTEMBER 01, 2015
PROJECT:

OUTSIDE PLANT
FIBER OPTIC CONDUIT BUILD
FOREST PRESERVE ICE ARENA
1966 S KIRK RD
GENEVA, ILLINOIS 60134

SHEET NO.
10
SHEET 10 OF 11



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DATE	BY	PROFILE	PLAN
		SURVEYED	SURVEYED
		GRADES CHECKED	ALIGNMENT CHECKED
		BLM. NOTED	RT. OF WAY CHECKED
		STRUCTURE NOTATIONS OK'D	ADD. FILE NAME
			NO.

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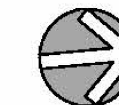
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	PLOT DATE = 10/31/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING IT NETWORK FIBER SYSTEM AT ICE ARENA
(FOR INFORMATION ONLY)
SCALE: 1" = 48' T.S. SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 360/363	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 203
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61E97	

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GENEVA, KANE COUNTY, ILLINOIS



NORTH



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Phone: (630) 851-7751
Cell: (630) 768-7093

DESIGN FIRM:



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Naperville, Illinois 60563
Phone: (708) 995-2050
Fax: (630) 838-4141

REV.	DATE	DESCRIPTION
	09/01/15	PERMIT
1	09/02/15	CLIENT
2	09/03/15	CITY

PROJECT #: 1538-003

DESIGNED BY: LK

DRAWN BY: LK

APPROVED BY: AA

DATE: SEPTEMBER 01, 2015

PROJECT:

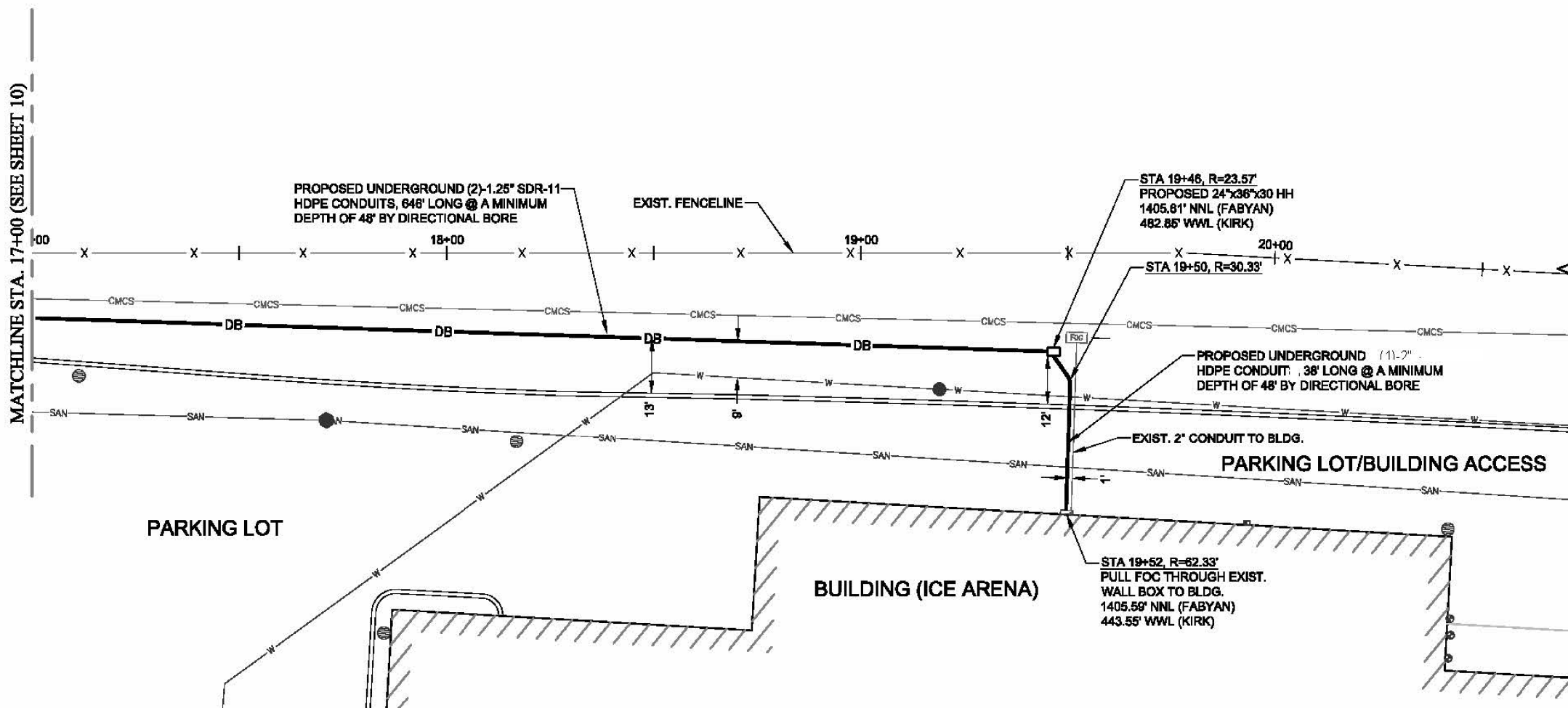
OUTSIDE PLANT
FIBER OPTIC CONDUIT BUILD

FOREST PRESERVE ICE ARENA
1966 S KIRK RD
GENEVA, ILLINOIS 60134

SHEET NO.

11

SHEET 11 OF 11



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		SURVEYED
		ALIGNED
		CHECKED
		RT. OF WAY CHECKED
		ADD. FILE NAME

DATE	BY	DESCRIPTION
		PLAN
		NOTE BOOK
		NO.

DATE	BY	DESCRIPTION
		PROF. FILE
		GRADES CHECKED
		BLM. NOTED
		STRUCTURE NOTATIONS OK'D

CHRISTOPHER B. BURKE
ENGINEERING LTD.
3575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(630) 923-5500

FILE NAME =
N:\Kane County\150239\Traffic\sh-t-IT-EX-
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PLOT SCALE = 48"
PLOT DATE = 10/31/2018

DESIGNED - EAJ	REVISED -
DRAWN - FPB	REVISED -
CHECKED - GMZ	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

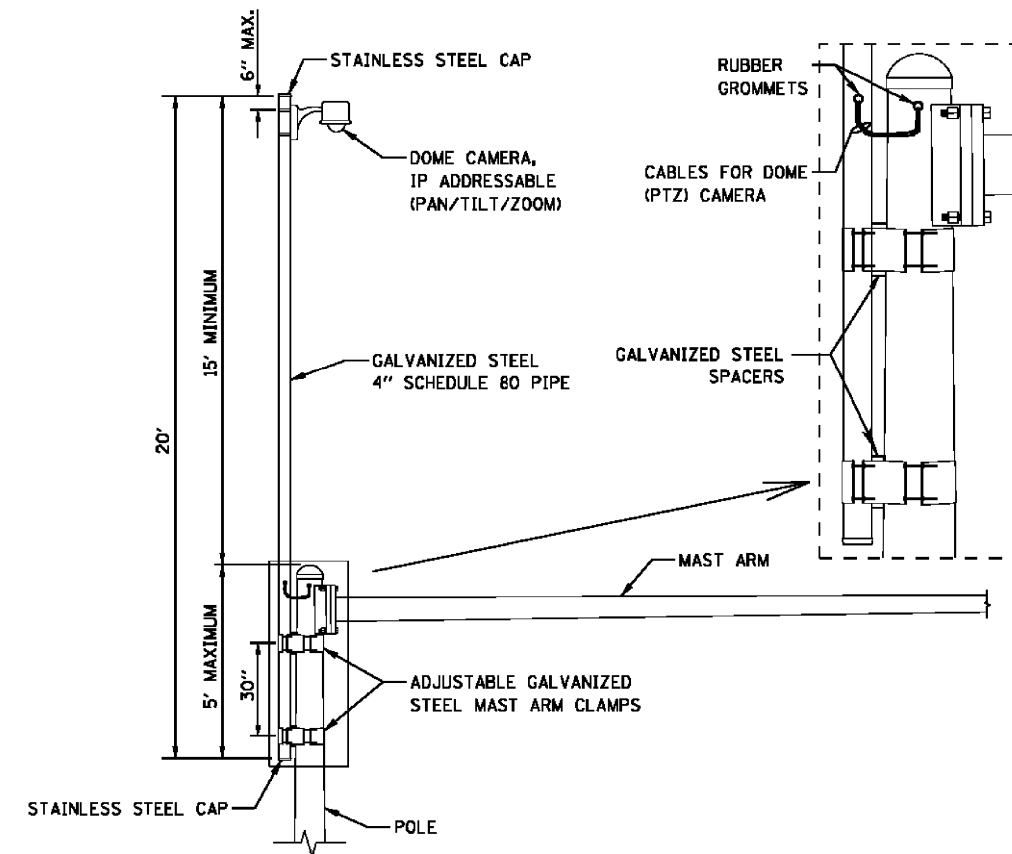
EXISTING IT NETWORK FIBER SYSTEM AT ICE ARENA
(FOR INFORMATION ONLY)

SCALE: 1" = 48' T.S. SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360/363	11-00201-04-CH	KANE	410	204
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E97	

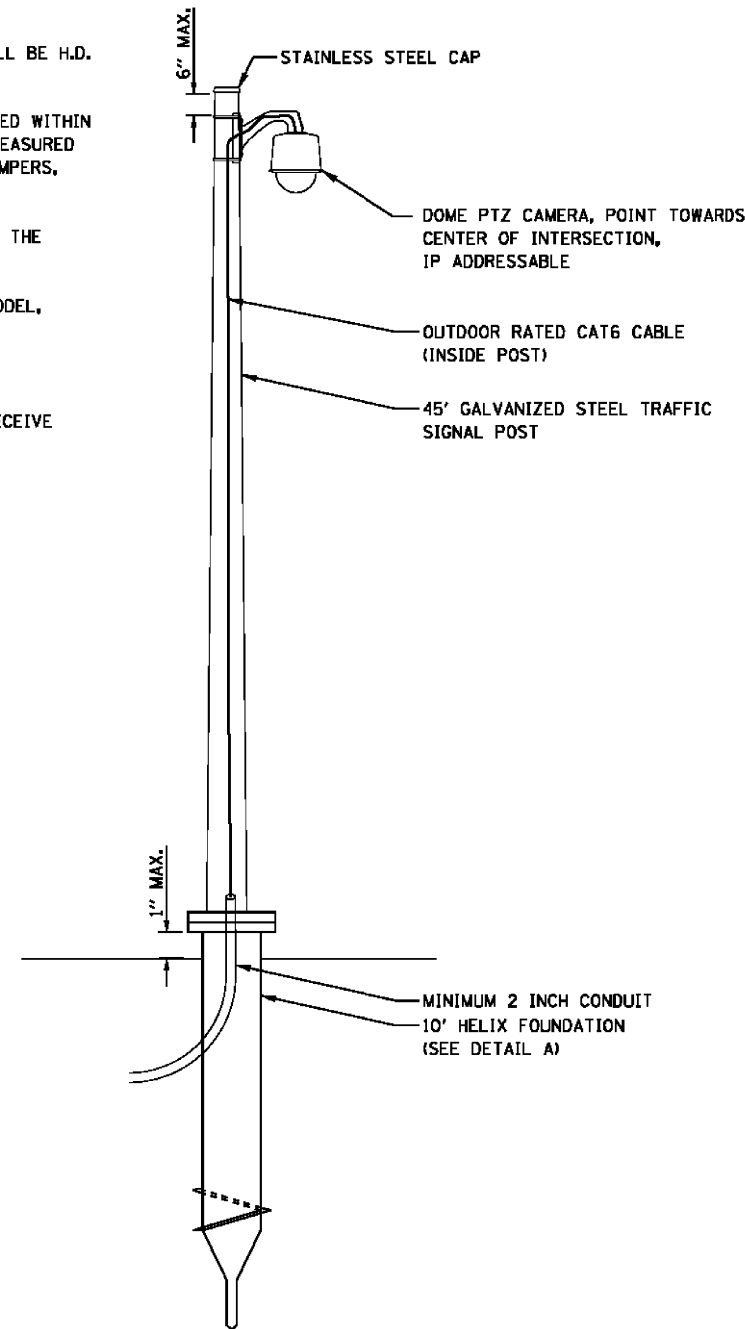
GENERAL NOTES FOR ALL PTZ (PAN, TILT, ZOOM) CAMERA INSTALLATIONS

1. CABLE SLACK SHALL MEET IDOT REQUIREMENTS EXCEPT WHERE SLACK IS PROVIDED IN HANDHOLES AND DOUBLE HANDHOLES. SLACK SHALL BE 15' MIN. IN ALL HANDHOLES FOR PTZ RELATED CABLES.
2. PTZ CAMERAS SHALL BE IP (INTERNET PROTOCOL) ADDRESSABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH KDOT TRAFFIC IN REQUESTING AND PROGRAMMING THE IP ADDRESS DESIRED BY KDOT TRAFFIC INTO THE PTZ EQUIPMENT. ANY VIDEO SOFTWARE, ENCODING, OR DECODING HARDWARE/SOFTWARE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AND SHALL BE INCLUDED IN THE COST OF THE PTZ CAMERA SYSTEM.
3. CAMERA SHALL HAVE A MINIMUM THIRTY (30x) MECHANICAL ZOOM AND MINIMUM TWELVE (12x) DIGITAL ZOOM. VIDEO QUALITY SHALL BE H.D. TV QUALITY.
4. PTZ CAMERA SHALL BE HIGH POE (POWER OVER ETHERNET, 60W) UNLESS OTHERWISE STATED. A POE EXTENDER SHALL BE INSTALLED WITHIN AN APPROPRIATELY SPACED AUXILIARY CABINET (DT-ST SERIES) AS TO NOT EXCEED 300 FEET CONSECUTIVE CABLE LENGTH AS MEASURED ALONG THE CABLE (INCLUDING CABLE SLACK). COST OF AUXILIARY CABINET AND REQUISITE ADDITIONAL CABLES, FIBER OPTIC, JUMPERS, ETC. SHALL BE INCLUDED IN THE COST OF THE PTZ CAMERA BEING INSTALLED.
5. PTZ CABLES SHALL BE OUTDOOR RATED CAT6 UNLESS OTHERWISE RECOMMENDED BY EQUIPMENT MANUFACTURER AND APPROVED BY THE ENGINEER.
6. CONTRACTOR SHALL PROVIDE AN ITEMIZED INVENTORY OF THE PTZ CAMERA EQUIPMENT AND CABINET COMPONENTS CONTAINING MODEL, SERIAL, AND PART NUMBERS. THIS INVENTORY TO BE FURNISHED DURING SIGNAL OR MAINTENANCE TRANSFER.
7. RUBBER GROMITS SHALL BE INSTALLED IN ALL HOLES / OPENINGS USED TO RUN PTZ EQUIPMENT CABLE.
8. THE CONTRACTOR SHALL CONTACT KANE COUNTY TRAFFIC PRIOR TO INSTALLING THE PTZ CAMERA AND ASSOCIATED WIRING TO RECEIVE FINAL APPROVAL ON THE CAMERA LOCATION.

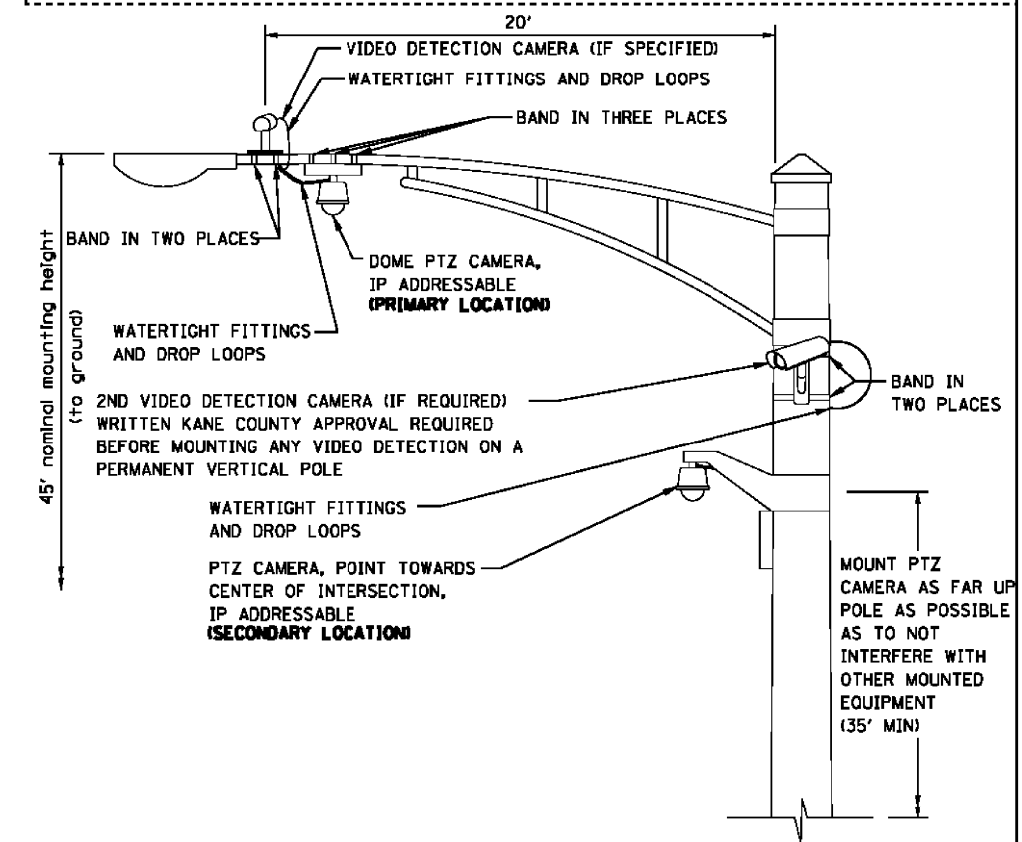
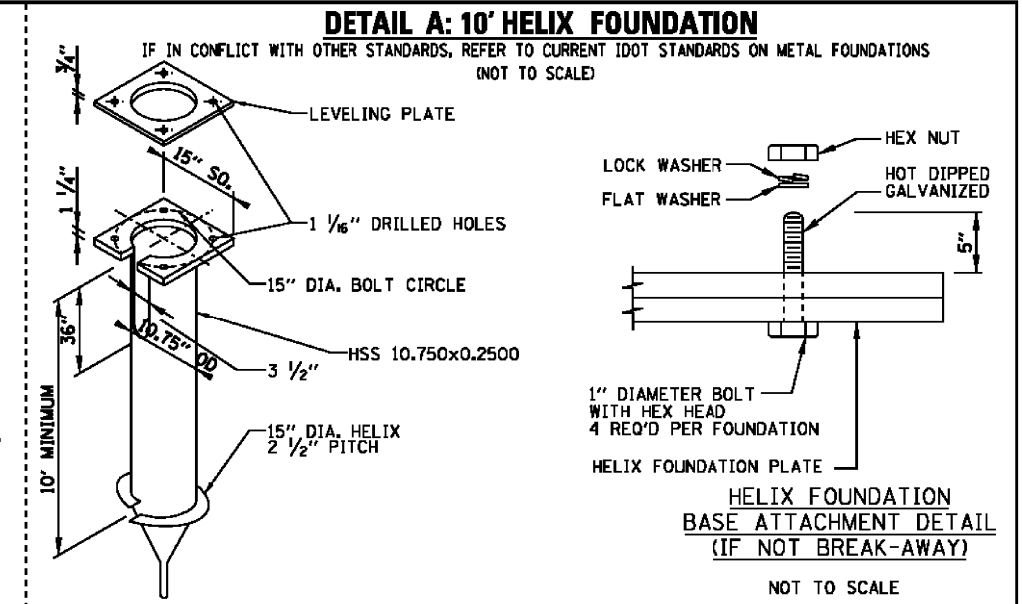


**CAMERA MOUNTING ASSEMBLY DETAIL:
PIPE / POLE EXTENSION**
(NOT TO SCALE)

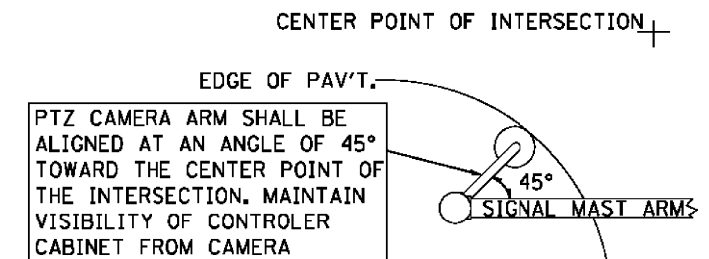
- NOTES:**
- THE MAST ARM IS TAPERED.
 - INSTALL EXTENSION POLE VERTICAL AND PLUMB BY MODIFYING/INSTALLING BRACKETS AS NECESSARY. ADDITIONAL SPACERS REQUIRED ARE INCLUDED IN THE COST OF THE CAMERA MOUNTING ASSEMBLY OF THE TYPE SPECIFIED.
 - SPACERS ARE TO BE INTEGRATED OR MANUFACTURED WITH THE MAST ARM BRACKETS.



**CAMERA MOUNTING ASSEMBLY DETAIL:
STAND-ALONE 45' POST**
(NOT TO SCALE)



**CAMERA MOUNTING ASSEMBLY DETAIL:
COMBINATION MAST ARMS**
(NOT TO SCALE)



PTZ CAMERA MOUNTING DETAILS
(SECONDARY LOCATION ONLY)
(NOT TO SCALE)

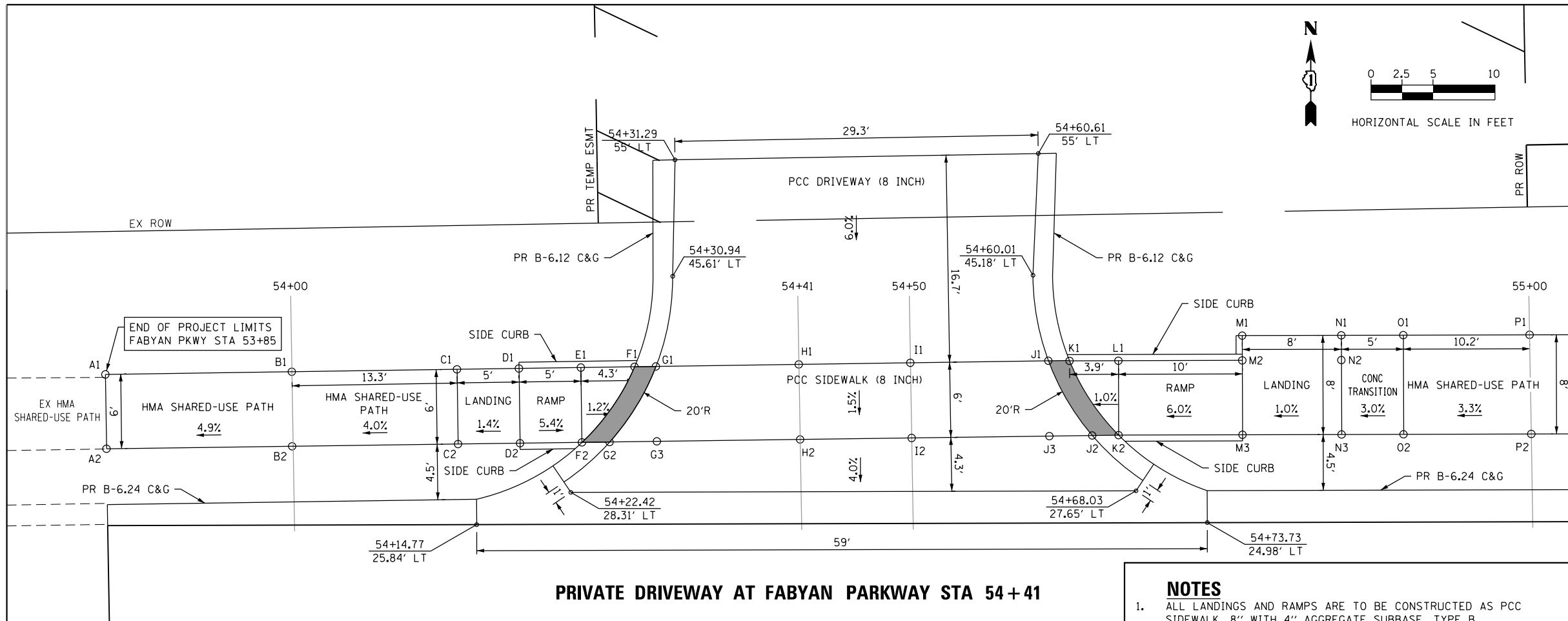
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DRAWN - SDZ 12/31/14	REVISIONS - SDZ 08/22/16	
PLOT SCALE = 100.0000' / 1" = 1'	CHECKED - DRAFT	REVISED -
PLOT DATE = 8/22/2016	DATE - 01-16-2015	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION**

CCTV / PTZ CAMERA INSTALLATION DETAILS	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

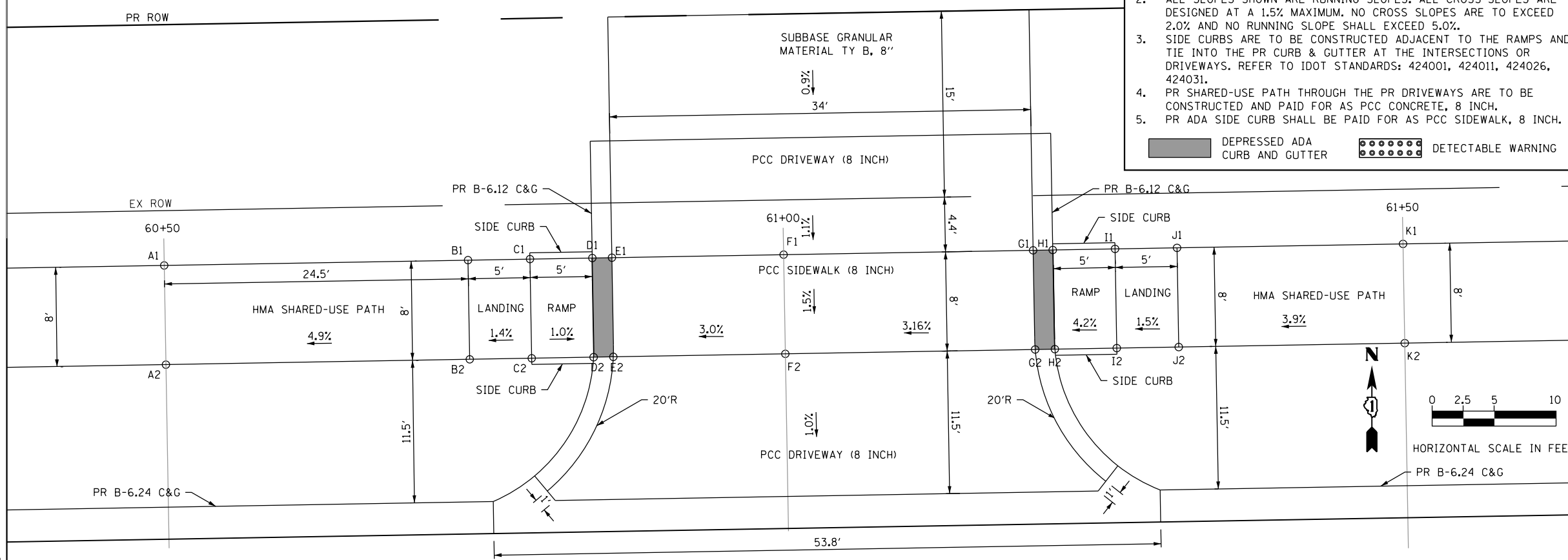
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360/363	11-00201-04-CH	KANE	410	205
CONTRACT NO.			61E97	
ILLINOIS FED. AID PROJECT				



PRIVATE DRIVEWAY AT FABYAN PARKWAY STA 54+41

- NOTES**
- ALL LANDINGS AND RAMP ARE TO BE CONSTRUCTED AS PCC SIDEWALK, 8" WITH 4" AGGREGATE SUBBASE, TYPE B.
 - ALL SLOPES SHOWN ARE RUNNING SLOPES. ALL CROSS-SLOPES ARE DESIGNED AT A 1.5% MAXIMUM. NO CROSS SLOPES ARE TO EXCEED 2.0% AND NO RUNNING SLOPE SHALL EXCEED 5.0%.
 - SIDE CURBS ARE TO BE CONSTRUCTED ADJACENT TO THE RAMP AND TIE INTO THE PR CURB & GUTTER AT THE INTERSECTIONS OR DRIVEWAYS. REFER TO IDOT STANDARDS: 424001, 424011, 424026, 424031.
 - PR SHARED-USE PATH THROUGH THE PR DRIVEWAYS ARE TO BE CONSTRUCTED AND PAID FOR AS PCC CONCRETE, 8 INCH.
 - PR ADA SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK, 8 INCH.
- DEPRESSED ADA CURB AND GUTTER
 DETECTABLE WARNING

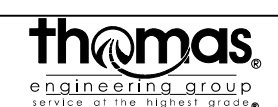
POINT	STA	OFFSET	ELEV
A1	53+85	38.48' LT	752.16
A2	53+85	32.48' LT	752.11
B1	54+00	38.44' LT	752.90
B2	54+00	32.42' LT	752.85
C1	54+13.41	38.40' LT	753.39
C2	54+13.39	32.37' LT	753.39
D1	54+18.41	38.38' LT	753.46
D2	54+18.39	32.35' LT	753.46
E1	54+23.41	38.37' LT	753.31
F1	54+27.74	38.36' LT	753.26
F2	54+23.39	32.33' LT	753.19
G1	54+29.46	38.35' LT	753.27
G2	54+25.62	32.32' LT	753.20
G3	54+29.44	32.31' LT	753.18
H1	54+41	38.32' LT	753.51
H2	54+41	32.26' LT	753.42
I1	54+50	38.29' LT	753.70
I2	54+50	32.23' LT	753.61
J1	54+61.14	38.26' LT	753.94
J2	54+64.58	32.17' LT	753.90
J3	54+61.12	32.18' LT	753.88
K1	54+62.84	38.22' LT	753.93
K2	54+66.70	32.16' LT	753.89
L1	54+66.79	38.17' LT	753.97
M1	54+76.82	40.02' LT	754.61
M2	54+76.79	38.02' LT	754.57
M3	54+76.70	32.02' LT	754.49
N1	54+84.82	39.90' LT	754.69
N2	54+84.79	37.90' LT	754.65
N3	54+84.70	31.90' LT	754.57
O1	54+89.82	39.83' LT	754.84
O2	54+89.70	31.83' LT	754.72
P1	55+00	39.68' LT	755.18
P2	55+00	31.68' LT	755.06



FIELD ENTRANCE AT FABYAN PARKWAY STA 61+00

POINT	STA	OFFSET	ELEV
A1	60+50	45.58' LT	767.80
A2	60+50	37.58' LT	767.92
B1	60+74.53	45.58' LT	769.00
B2	60+74.53	37.58' LT	769.00
C1	60+79.53	45.58' LT	769.07
C2	60+79.53	37.58' LT	769.07
D1	60+84.56	45.58' LT	769.03
D2	60+84.56	37.58' LT	768.91
E1	60+86.14	45.58' LT	769.04
E2	60+86.11	37.58' LT	768.92
F1	61+00	45.58' LT	769.46
F2	61+00	37.58' LT	769.34
G1	61+20.14	45.58' LT	770.10
G2	61+20.17	37.58' LT	769.98
H1	61+21.72	45.58' LT	770.09
H2	61+21.75	37.58' LT	769.97
I1	61+26.75	45.58' LT	770.18
I2	61+26.75	37.58' LT	770.18
J1	61+31.75	45.58' LT	770.25
J2	61+31.75	37.58' LT	770.25
K1	61+50	45.58' LT	770.85
K2	61+50	37.58' LT	770.97

FILE NAME = sht-eds-1.dgn



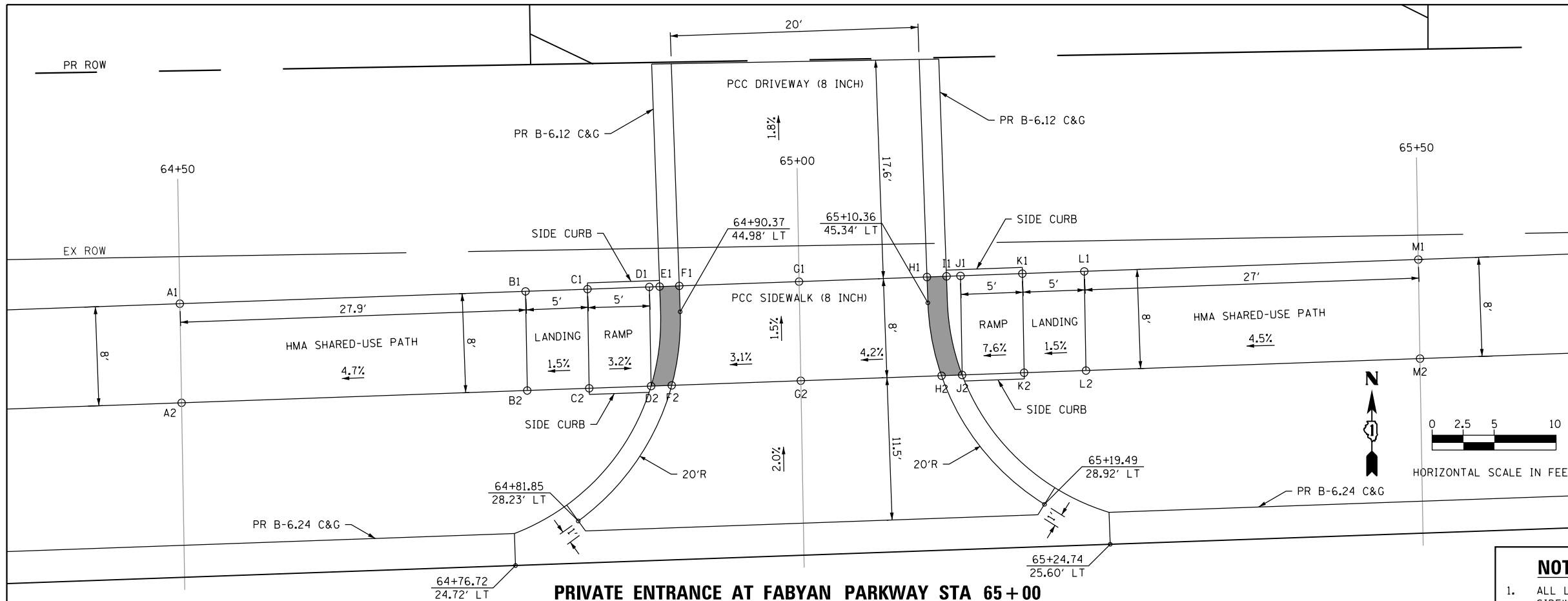
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	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
DRIVEWAY AND ADA DETAILS**

SCALE: 1"=5' SHEET 2 OF 6 SHEETS STA. TO STA.

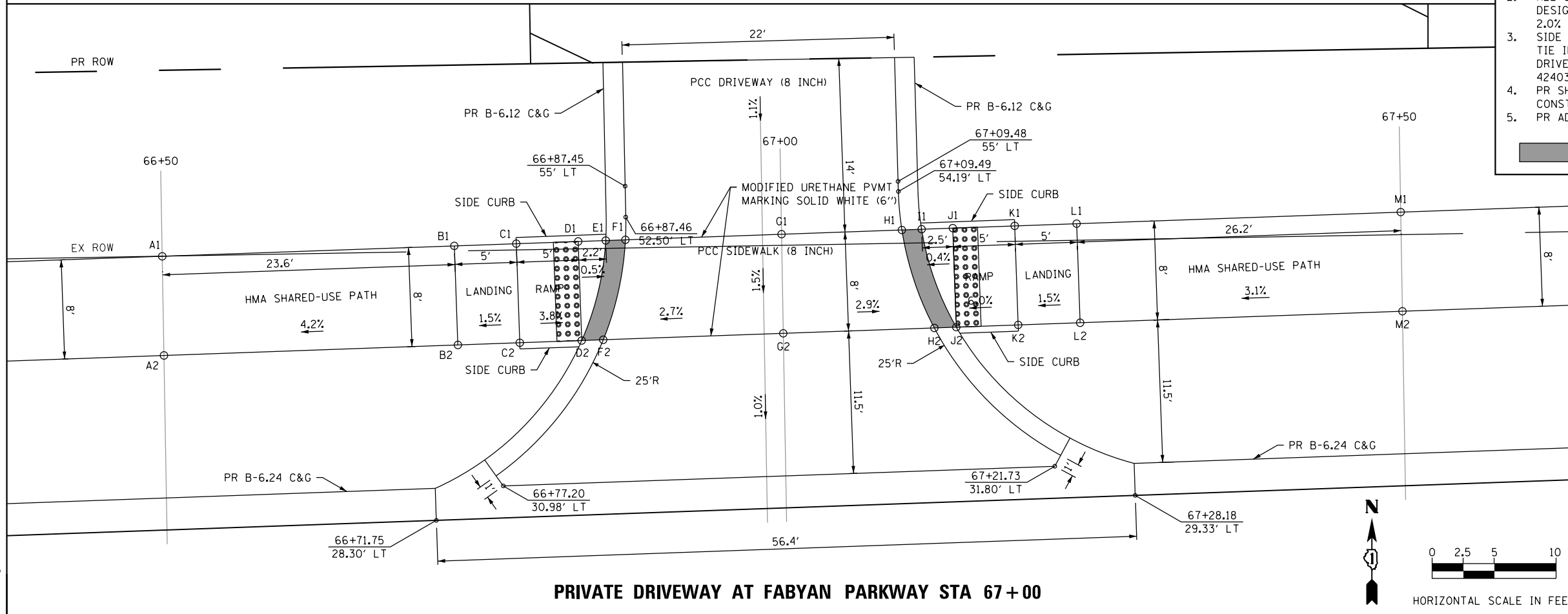
F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 206
CONTRACT NO. 61E97				ILLINOIS FED. AID PROJECT



PRIVATE ENTRANCE AT FABYAN PARKWAY STA 65+00

POINT	STA	OFFSET	ELEV
A1	64+50	46.32' LT	781.56
A2	64+50	38.32' LT	781.68
B1	64+77.91	46.83' LT	782.88
B2	64+77.91	38.83' LT	783.00
C1	64+82.91	46.92' LT	782.94
C2	64+82.91	38.92' LT	783.06
D1	64+87.91	47.02' LT	782.81
D2	64+87.91	39.01' LT	782.90
E1	64+88.74	47.03' LT	782.80
F1	64+90.33	47.06' LT	782.81
F2	64+89.58	39.04' LT	782.91
G1	65+00.	47.24' LT	783.11
G2	65+00.	39.24' LT	783.23
H1	65+10.32	47.43' LT	783.55
H2	65+11.37	39.44' LT	783.71
I1	64+11.91	47.46' LT	783.54
J1	64+13.03	47.48' LT	783.55
J2	64+13.03	39.47' LT	783.70
K1	64+18.03	47.57' LT	783.93
K2	64+18.03	39.57' LT	784.05
L1	65+23.03	47.66' LT	784.01
L2	65+23.03	39.66' LT	784.13
M1	65+50	48.15' LT	785.22
M2	65+50	40.15' LT	785.34

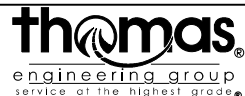
- NOTES**
- ALL LANDINGS AND RAMPS ARE TO BE CONSTRUCTED AS PCC SIDEWALK, 8" WITH 4" AGGREGATE SUBBASE, TYPE B.
 - ALL SLOPES SHOWN ARE RUNNING SLOPES. ALL CROSS-SLOPES ARE DESIGNED AT A 1.5% MAXIMUM. NO CROSS-SLOPES ARE TO EXCEED 2.0% AND NO RUNNING SLOPE SHALL EXCEED 5.0%.
 - SIDE CURBS ARE TO BE CONSTRUCTED ADJACENT TO THE RAMPS AND TIE INTO THE PR CURB & GUTTER AT THE INTERSECTIONS OR DRIVEWAYS. REFER TO IDOT STANDARDS: 424001, 424011, 424026, 424031.
 - PR SHARED-USE PATH THROUGH THE PR DRIVEWAYS ARE TO BE CONSTRUCTED AND PAID FOR AS PCC CONCRETE, 8 INCH.
 - PR ADA SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK, 8 INCH.
- DEPRESSED ADA CURB AND GUTTER
 DETECTABLE WARNING



PRIVATE DRIVEWAY AT FABYAN PARKWAY STA 67+00

POINT	STA	OFFSET	ELEV
A1	66+50	49.99' LT	788.21
A2	66+50	41.99' LT	788.33
B1	66+73.59	50.42' LT	789.22
B2	66+73.73	42.42' LT	789.22
C1	66+78.58	50.51' LT	789.29
C2	66+78.73	42.51' LT	789.29
D1	66+83.58	50.6' LT	789.23
D2	66+83.73	42.6' LT	789.10
E1	66+85.81	50.64' LT	789.22
F1	66+87.4	50.67' LT	789.23
F2	66+85.48	42.64' LT	789.11
G1	67+00	50.90' LT	789.57
G2	67+00	42.90' LT	789.45
H1	67+09.72	51.08' LT	789.85
H2	67+12.2	43.13' LT	789.81
I1	67+11.31	51.11' LT	789.84
J1	67+13.83	51.16' LT	789.85
J2	67+13.98	43.16' LT	789.80
K1	67+18.83	51.25' LT	790.15
K2	67+18.98	43.25' LT	790.03
L1	67+23.83	51.34' LT	790.23
L2	67+23.98	43.34' LT	790.11
M1	67+50	51.82' LT	791.03
M2	67+50	43.82' LT	790.91

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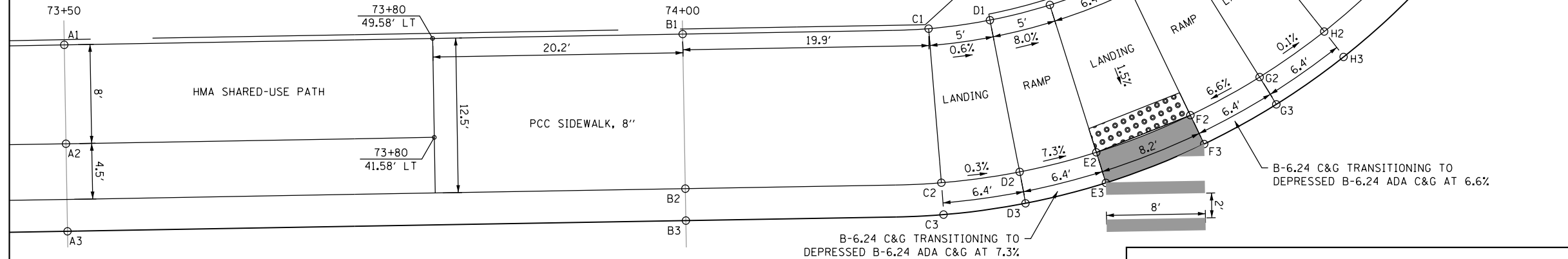
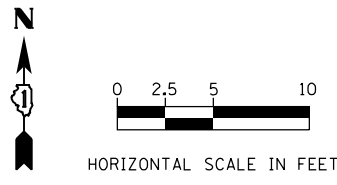
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	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

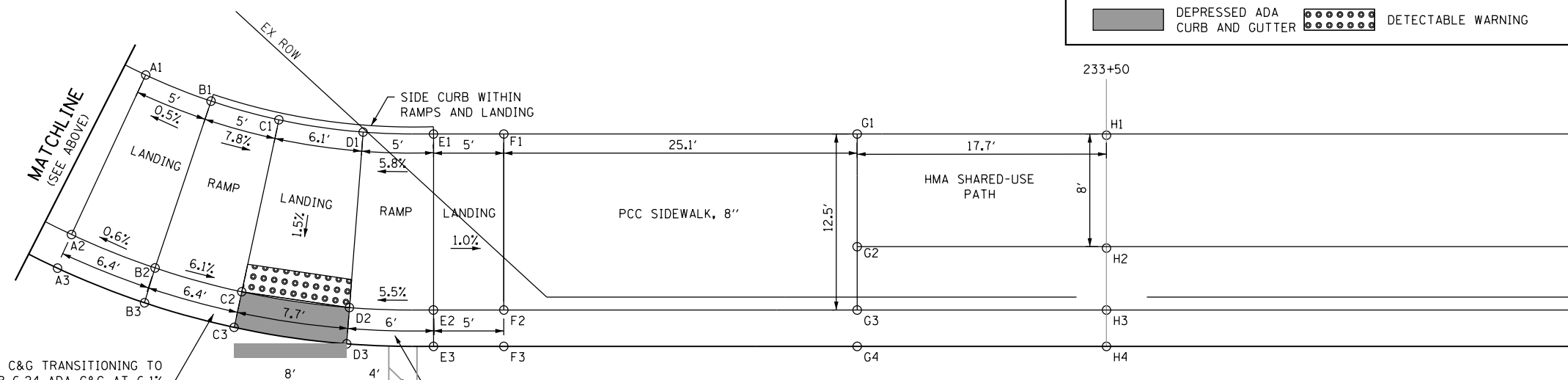
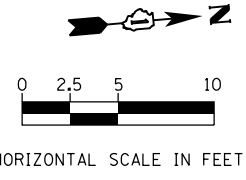
CONSTRUCTION DETAILS
DRIVEWAY AND ADA DETAILS

SCALE: 1"=5' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 207
CONTRACT NO. 61E97				ILLINOIS FED. AID PROJECT



NORTHWEST CORNER OF INTERSECTION



NORTHWEST CORNER OF INTERSECTION

- NOTES**
- ALL LANDINGS AND RAMP ARE TO BE CONSTRUCTED AS PCC SIDEWALK, 8" WITH 4" AGGREGATE SUBBASE, TYPE B.
 - ALL SLOPES SHOWN ARE RUNNING SLOPES. ALL CROSS-SLOPES ARE DESIGNED AT A 1.5% MAXIMUM. NO CROSS SLOPES ARE TO EXCEED 2.0% AND NO RUNNING SLOPE SHALL EXCEED 5.0%.
 - SIDE CURBS ARE TO BE CONSTRUCTED ADJACENT TO THE RAMP AND TIE INTO THE PR CURB & GUTTER AT THE INTERSECTIONS OR DRIVEWAYS. REFER TO IDOT STANDARDS: 424001, 424011, 424026, 424031.
 - PR SHARED-USE PATH THROUGH THE PR DRIVEWAYS ARE TO BE CONSTRUCTED AND PAID FOR AS PCC CONCRETE, 8 INCH.
 - PR ADA SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK, 8 INCH.
- DEPRESSED ADA CURB AND GUTTER
 DETECTABLE WARNING

POINT	STA	OFFSET	ELEV
A1	73+50	49.58' LT	791.78
A2	73+50	41.58' LT	791.90
A3	73+50	34.50' LT	791.70
B1	74+00	49.58' LT	792.11
B2	74+00	37.08' LT	791.92
B3	74+00	34.50' LT	791.54
C1	74+19.86	49.68' LT	791.97
C2	74+20.7	37.2' LT	791.84
C3	74+21	34.62' LT	791.46
D1	74+24.86	50.28' LT	791.94
D2	74+27.05	37.97' LT	791.82
D3	74+27.47	35.42' LT	791.44
E1	74+29.72	51.43' LT	791.54
E2	74+33.27	39.44' LT	791.35
E3	74+34	36.96' LT	791.41
F1	74+35.71	53.67' LT	791.52
F2	74+40.92	42.31' LT	791.33
F3	74+42	39.97' LT	791.39
G1	74+40.13	56.01' LT	791.88
G2	74+46.57	45' LT	791.75
G3	74+47.88	43.07' LT	791.37
H1	74+44.27	58.82' LT	791.84
H2	74+51.86	48.89' LT	791.71
H3	74+53.39	46.81' LT	791.33
I1	232+81.72	65.78' LT	792.02
I2	232+76.45	54.44' LT	791.83
I3	232+75.36	52.1' LT	791.45

POINT	STA	OFFSET	ELEV
A1	232+81.72	65.78' LT	792.02
A2	232+76.45	54.44' LT	791.83
A3	232+75.45	52.06' LT	791.45
B1	232+86.36	63.92' LT	792.06
B2	232+82.38	52.07' LT	791.87
B3	232+81.63	49.6' LT	791.49
C1	232+91.18	62.60' LT	791.67
C2	232+82.38	52.07' LT	791.48
C3	232+88	47.85' LT	791.54
D1	232+97.17	61.72' LT	791.59
D2	232+96.20	49.26' LT	791.40
D3	232+96	46.68' LT	791.46
E1	233+02.17	61.58' LT	791.88
E2	233+02.17	49.08' LT	791.75
E3	233+01.83	46.50' LT	791.37
F1	233+07.17	61.58' LT	791.83
F2	233+07.17	49.08' LT	791.70
F3	233+06.83	46.50' LT	791.32
G1	233+32.28	61.58' LT	791.44
G2	233+32.28	53.58' LT	791.52
G3	233+32.28	49.08' LT	791.56
G4	233+32.28	46.50' LT	791.18
H1	233+50	61.49' LT	791.20
H2	233+50	53.49' LT	791.32
H3	233+50	49.08' LT	791.50
H4	233+50	46.50' LT	791.12

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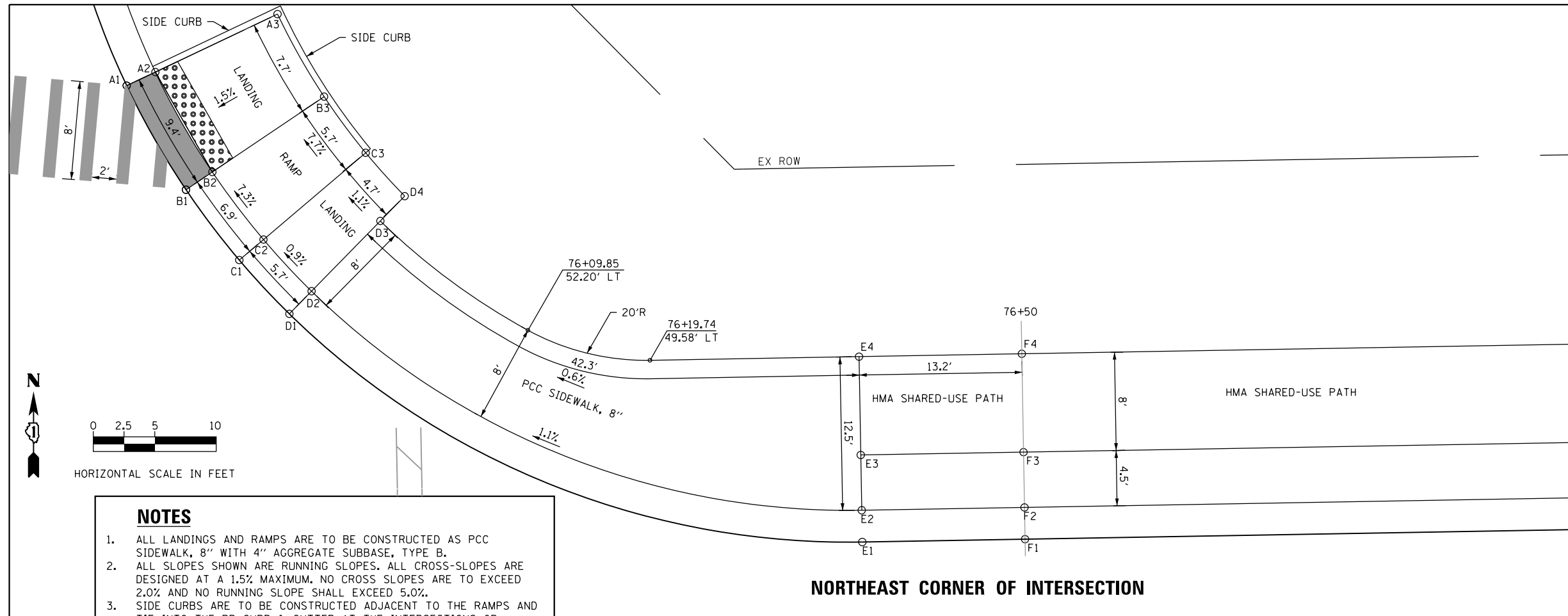


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	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

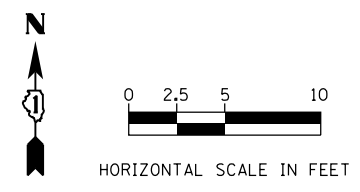
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS DRIVEWAY AND ADA DETAILS	
SCALE: 1"=5'	SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 208
CONTRACT NO. 61E97				ILLINOIS FED. AID PROJECT



POINT	STA	OFFSET	ELEV
A1	75+77.55	72.67' LT	791.44
A2	75+79.90	73.73' LT	791.38
A3	75+89.92	78.27' LT	791.55
B1	75+82.23	64.11' LT	791.53
B2	75+84.40	65.52' LT	791.47
B3	75+93.6	71.49' LT	791.64
C1	75+86.46	58.32' LT	791.59
C2	75+88.46	59.95' LT	791.97
C3	75+96.9	66.86' LT	792.08
D1	75+92.46	53.87' LT	791.64
D2	75+92	55.68' LT	792.02
D3	75+98	61.30' LT	792.10
D4	763+00	63.29' LT	792.13
E1	76+36.75	34.50' LT	792.20
E2	76+36.75	37.08' LT	792.58
E3	76+36.75	41.58' LT	792.51
E4	76+36.75	49.58' LT	792.39
F1	76+50	34.50' LT	792.37
F2	76+50	37.08' LT	792.75
F3	76+50	41.58' LT	792.56
F4	76+50	49.58' LT	792.44

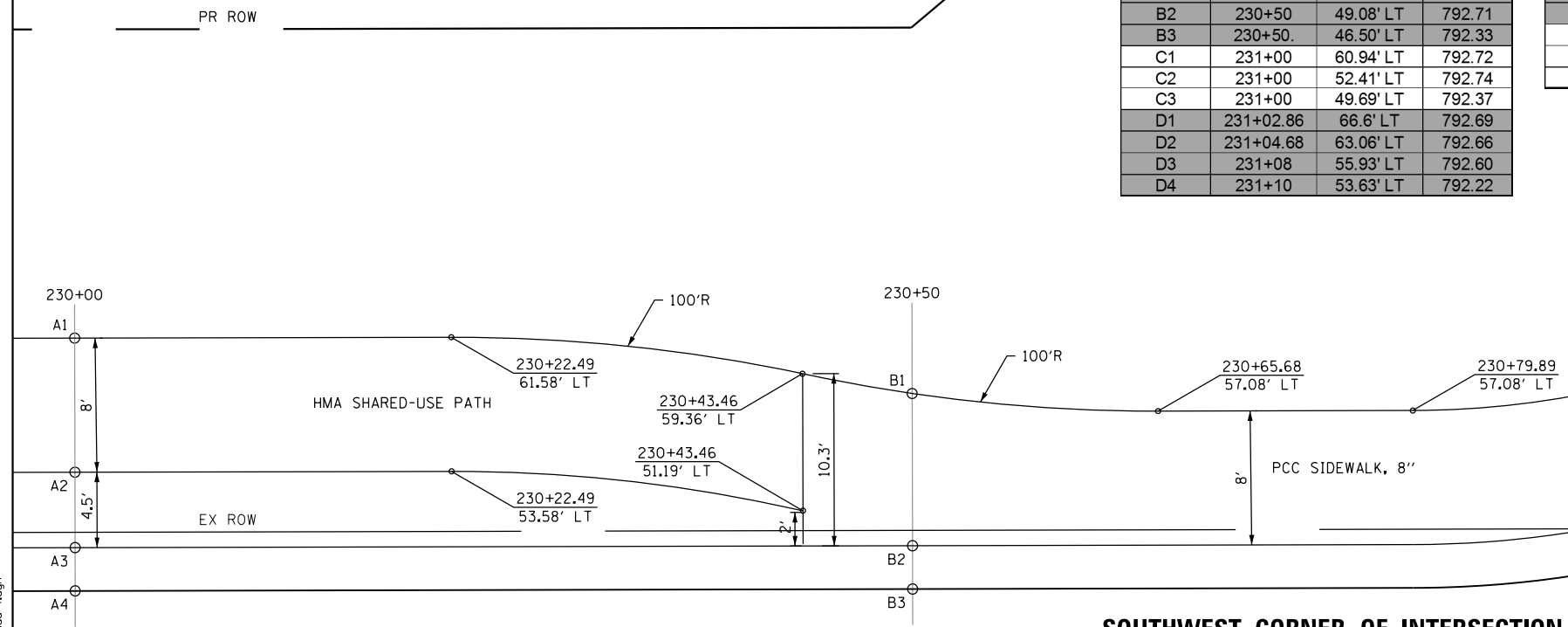


- NOTES**
- ALL LANDINGS AND RAMPS ARE TO BE CONSTRUCTED AS PCC SIDEWALK, 8" WITH 4" AGGREGATE SUBBASE, TYPE B.
 - ALL SLOPES SHOWN ARE RUNNING SLOPES. ALL CROSS-SLOPES ARE DESIGNED AT A 1.5% MAXIMUM. NO CROSS SLOPES ARE TO EXCEED 2.0% AND NO RUNNING SLOPE SHALL EXCEED 5.0%.
 - SIDE CURBS ARE TO BE CONSTRUCTED ADJACENT TO THE RAMPS AND TIE INTO THE PR CURB & GUTTER AT THE INTERSECTIONS OR DRIVEWAYS. REFER TO IDOT STANDARDS: 424001, 424011, 424026, 424031.
 - PR SHARED-USE PATH THROUGH THE PR DRIVEWAYS ARE TO BE CONSTRUCTED AND PAID FOR AS PCC CONCRETE, 8 INCH.
 - PR ADA SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK, 8 INCH.
- DEPRESSED ADA CURB AND GUTTER
 DETECTABLE WARNING

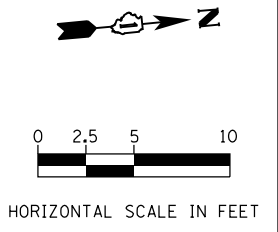
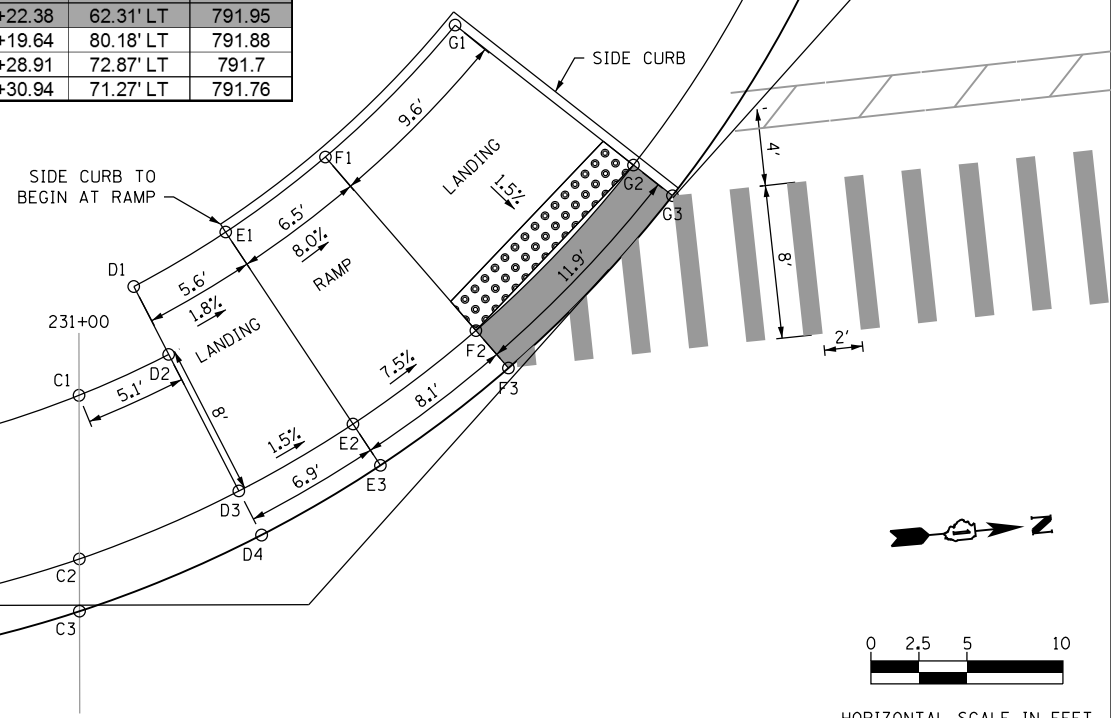
NORTHEAST CORNER OF INTERSECTION

POINT	STA	OFFSET	ELEV
A1	230+00	61.58' LT	792.16
A2	230+00	53.58' LT	792.28
A3	230+00	49.08' LT	792.46
A4	230+00	46.50' LT	792.08
B1	230+50	58.17' LT	792.85
B2	230+50	49.08' LT	792.71
B3	230+50	46.50' LT	792.33
C1	231+00	60.94' LT	792.72
C2	231+00	52.41' LT	792.74
C3	231+00	49.69' LT	792.37
D1	231+02.86	66.6' LT	792.69
D2	231+04.68	63.06' LT	792.66
D3	231+08	55.93' LT	792.60
D4	231+10	53.63' LT	792.22

POINT	STA	OFFSET	ELEV
E1	231+07.66	69.42' LT	792.59
E2	231+14.27	59.41' LT	792.49
E3	231+15.70	57.25' LT	792.11
F1	231+12.87	73.32' LT	792.07
F2	231+20.69	64.26' LT	791.89
F3	231+22.38	62.31' LT	791.95
G1	231+19.64	80.18' LT	791.88
G2	231+28.91	72.87' LT	791.7
G3	231+30.94	71.27' LT	791.76



SOUTHWEST CORNER OF INTERSECTION



FILE NAME = sht-ods-4.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
DRIVEWAY AND ADA DETAILS

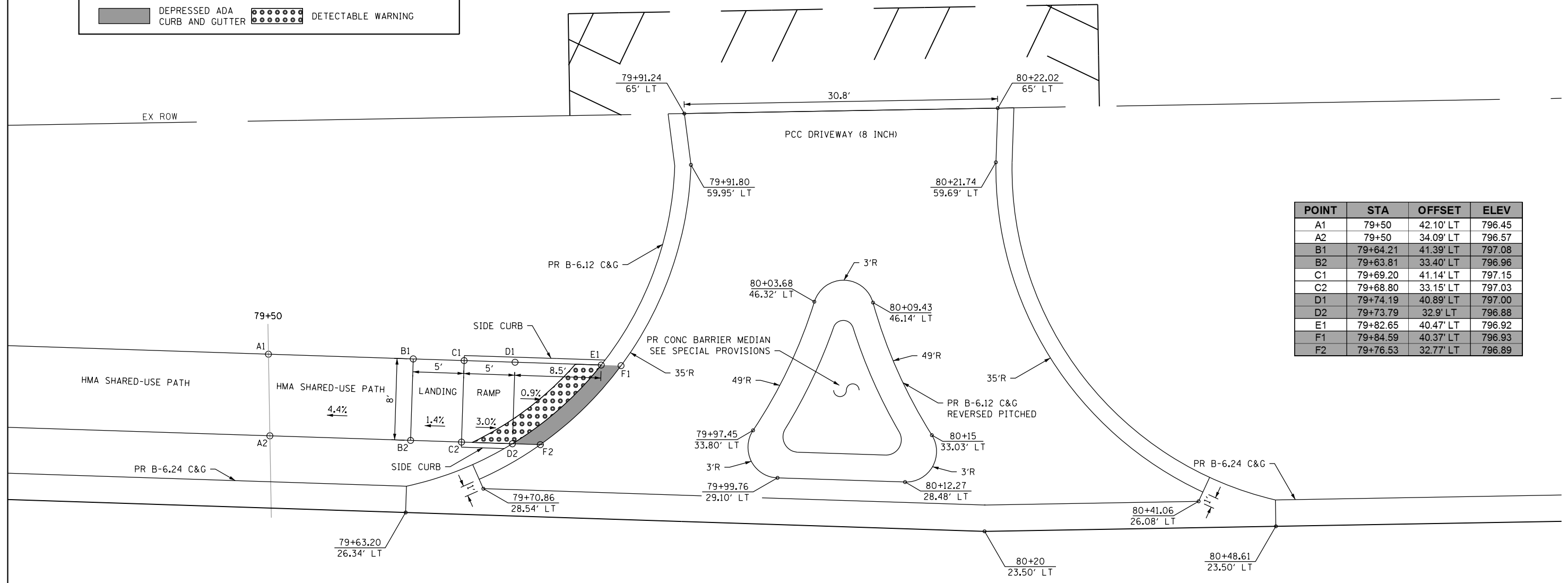
SCALE: 1"=5' SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 209
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

NOTES

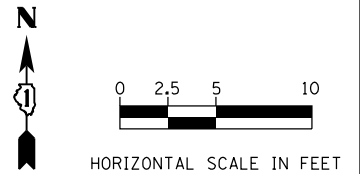
1. ALL LANDINGS AND RAMPS ARE TO BE CONSTRUCTED AS PCC SIDEWALK, 8" WITH 4" AGGREGATE SUBBASE, TYPE B.
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3. SIDE CURBS ARE TO BE CONSTRUCTED ADJACENT TO THE RAMPS AND TIE INTO THE PR CURB & GUTTER AT THE INTERSECTIONS OR DRIVEWAYS. REFER TO IDOT STANDARDS: 424001, 424011, 424026, 424031.
4. PR SHARED-USE PATH THROUGH THE PR DRIVEWAYS ARE TO BE CONSTRUCTED AND PAID FOR AS PCC CONCRETE, 8 INCH.
5. PR ADA SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK, 8 INCH.

DEPRESSED ADA CURB AND GUTTER
 DETECTABLE WARNING



POINT	STA	OFFSET	ELEV
A1	79+50	42.10' LT	796.45
A2	79+50	34.09' LT	796.57
B1	79+64.21	41.39' LT	797.08
B2	79+63.81	33.40' LT	796.96
C1	79+69.20	41.14' LT	797.15
C2	79+68.80	33.15' LT	797.03
D1	79+74.19	40.89' LT	797.00
D2	79+73.79	32.9' LT	796.88
E1	79+82.65	40.47' LT	796.92
F1	79+84.59	40.37' LT	796.93
F2	79+76.53	32.77' LT	796.89

COMMERCIAL ENTRANCE AT FABYAN PARKWAY STA 80+00



FILE NAME = sht-ada-5.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

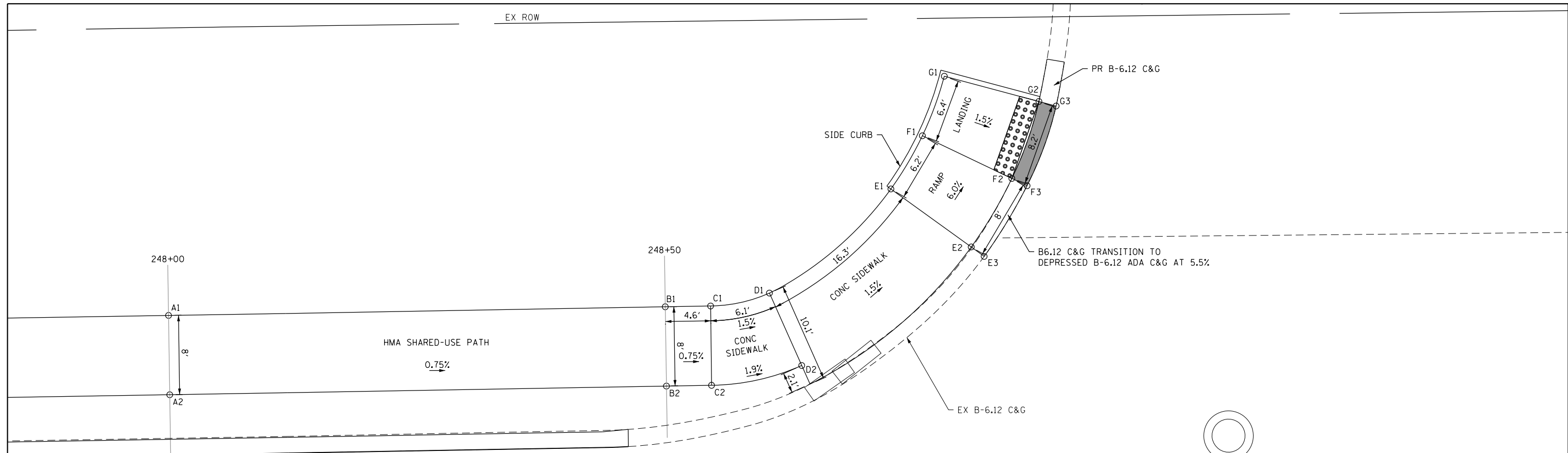
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
DRIVEWAY AND ADA DETAILS**

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

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 210
				CONTRACT NO. 61E97
ILLINOIS FED. AID PROJECT				

EX ROW



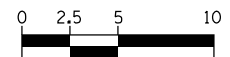
COMMERCIAL ENTRANCE AT KIRK ROAD STA 249+00

NOTES

1. ALL LANDINGS AND RAMPS ARE TO BE CONSTRUCTED AS PCC SIDEWALK, 8" WITH 4" AGGREGATE SUBBASE, TYPE B.
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5. PR ADA SIDE CURB SHALL BE PAID FOR AS PCC SIDEWALK, 8 INCH.

DEPRESSED ADA CURB AND GUTTER
 DETECTABLE WARNING

POINT	STA	OFFSET	ELEV
A1	248+00	46.0' LT	786.58
A2	248+00	38.0' LT	786.70
B1	248+50	46.23' LT	786.21
B2	248+50	38.23' LT	786.33
C1	248+54.58	46.25' LT	786.17
C2	248+54.58	38.25' LT	786.29
D1	248+60.53	47.48' LT	786.08
D2	248+63.70	40.14' LT	786.11
E1	248+72.91	57.84' LT	785.84
E2	248+80.95	51.89' LT	785.79
E3	248+82.24	50.92' LT	785.35
F1	248+76.15	63.16' LT	785.47
F2	248+85.13	58.75' LT	785.32
F3	248+86.65	58' LT	785.33
G1	248+78.44	69.14' LT	785.46
G2	248+87.95	66.48' LT	785.31
G3	248+89.69	66' LT	785.32



HORIZONTAL SCALE IN FEET

FILE NAME = sht-ada-6.dgn



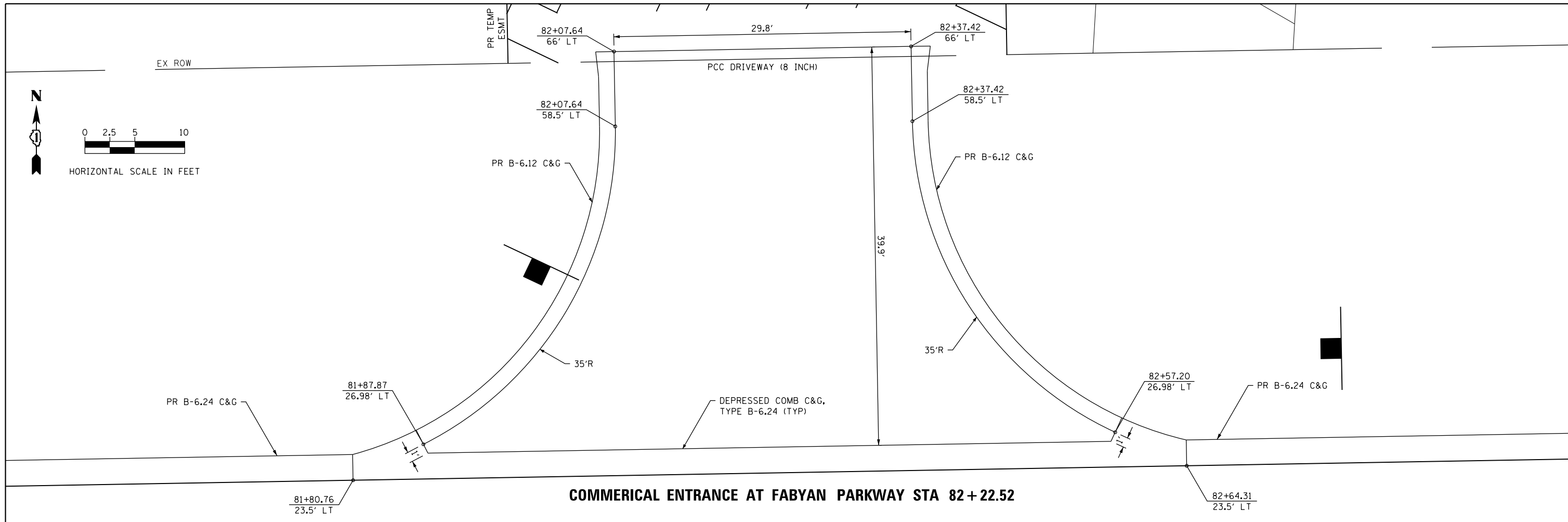
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	DRAWN - JBH	REVISED -
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

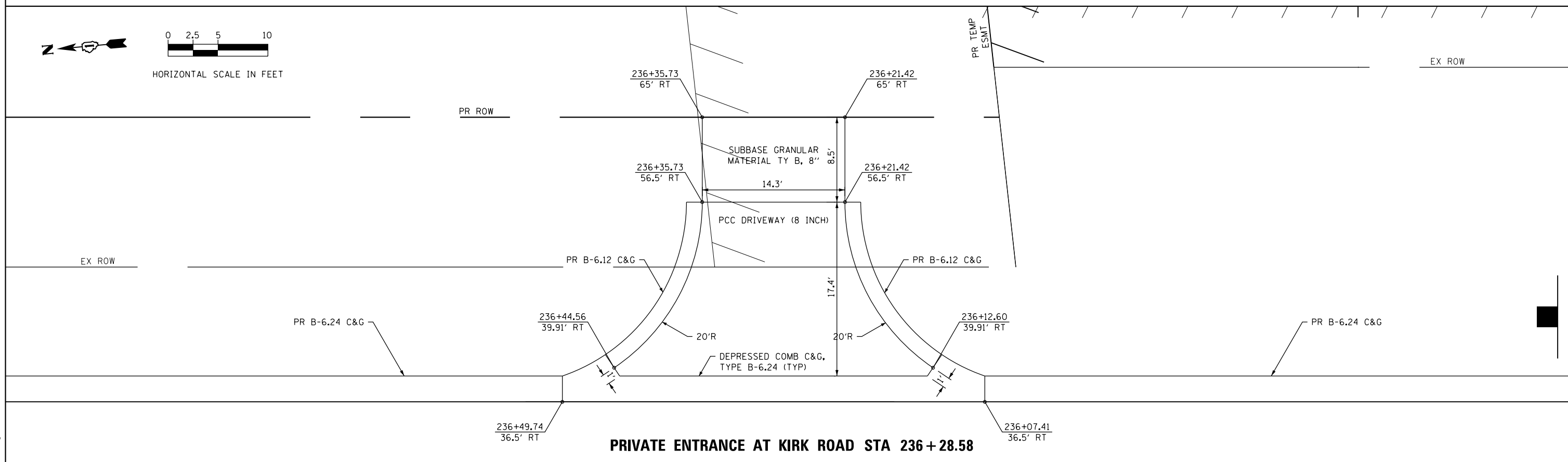
**CONSTRUCTION DETAILS
DRIVEWAY AND ADA DETAILS**

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

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 211
CONTRACT NO. 61E97			ILLINOIS FED. AID PROJECT	

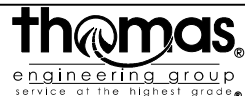


COMMERICAL ENTRANCE AT FABYAN PARKWAY STA 82 + 22.52



PRIVATE ENTRANCE AT KIRK ROAD STA 236 + 28.58

FILE NAME = sht-eds-7.dgn



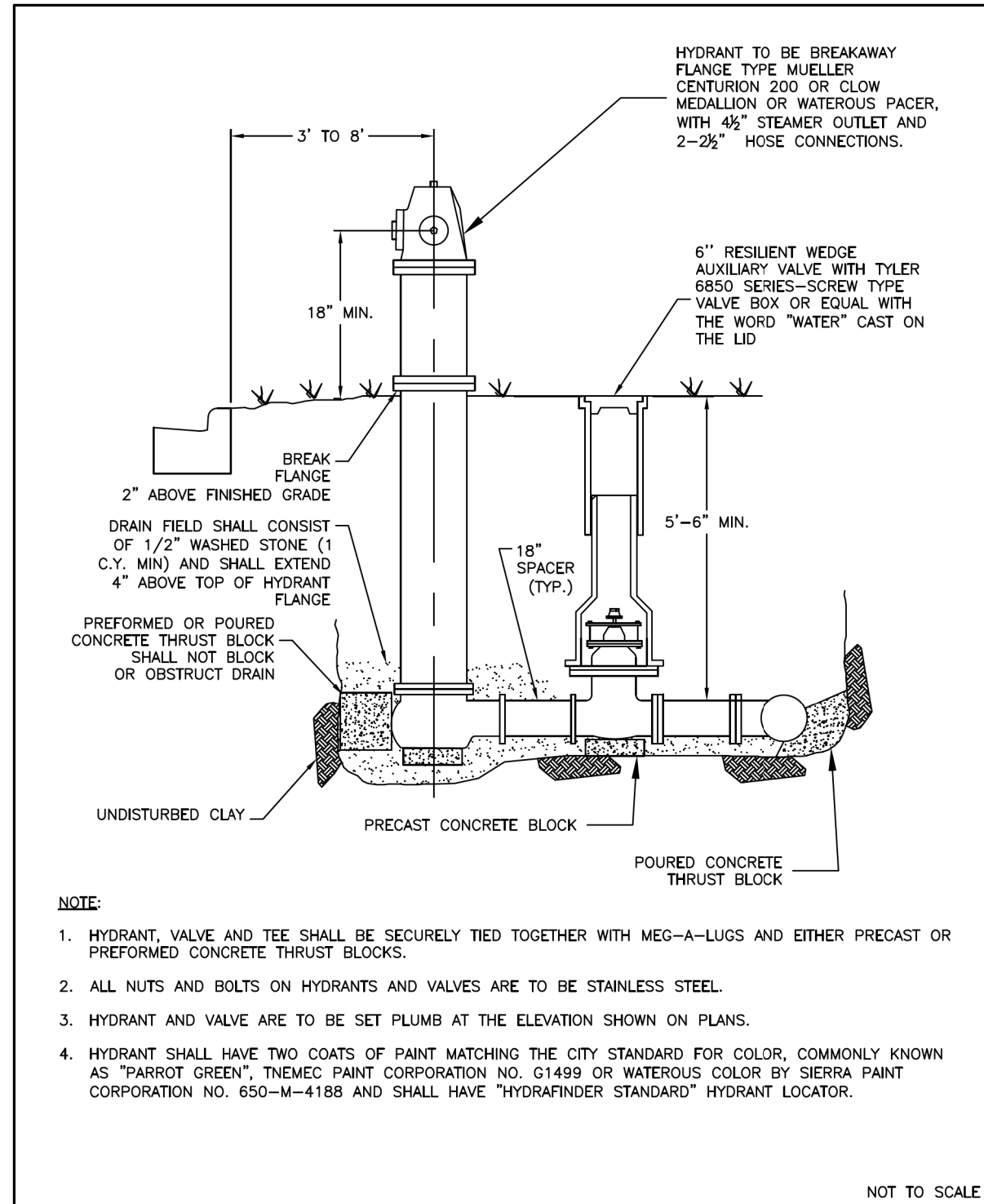
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DRAWN - JBH	REVISED -	
CHECKED - BLP	REVISED -	
DATE - 11/6/2018	REVISED -	


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

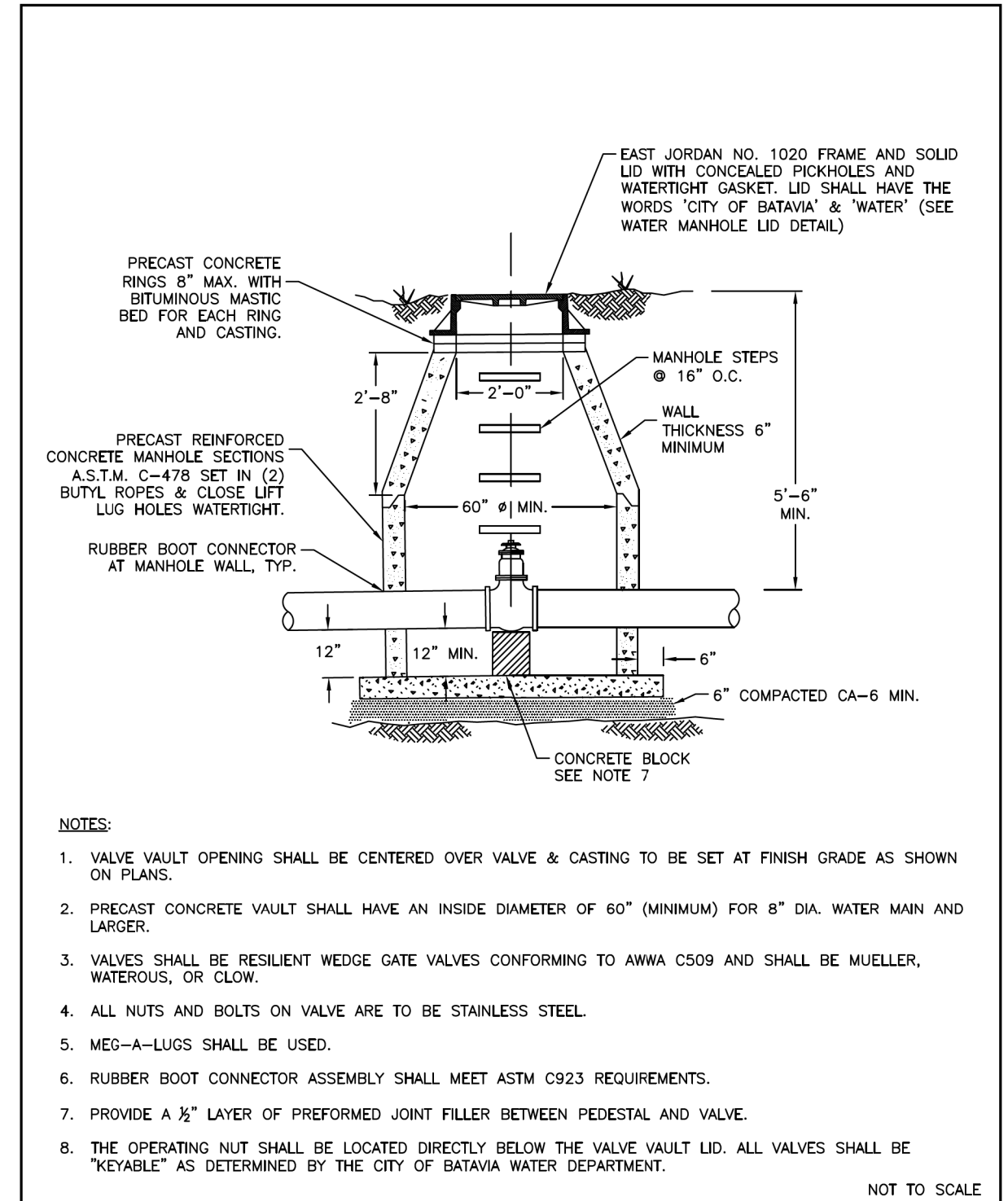
**CONSTRUCTION DETAILS
DRIVEWAY AND ADA DETAILS**


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

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 212
CONTRACT NO. 61E97				ILLINOIS FED. AID PROJECT

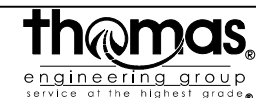


 <p>CITY OF BATAVIA PUBLIC WORKS DEPARTMENT</p> <p>SHEET: 1 OF 1 DATE: 01/01/2016</p>	FIRE HYDRANT ASSEMBLY	
	STANDARD NO. 6.03	



 <p>CITY OF BATAVIA PUBLIC WORKS DEPARTMENT</p> <p>SHEET: 1 OF 1 DATE: 08/30/2018</p>	WATER VALVE VAULT	
	STANDARD NO. 6.01	

FILE NAME = sht-detail.dgn

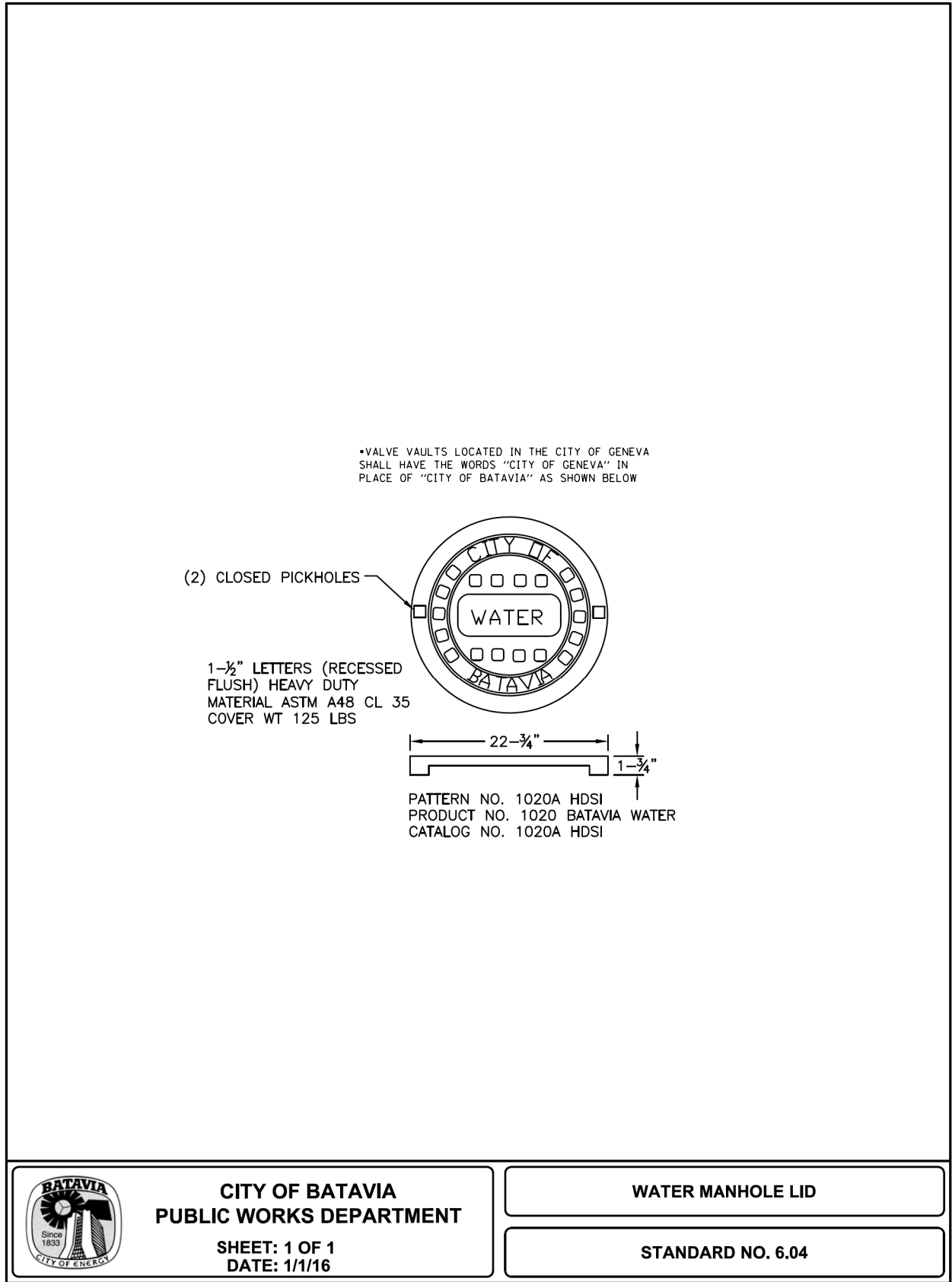



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS	
SCALE: NTS	SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 213
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

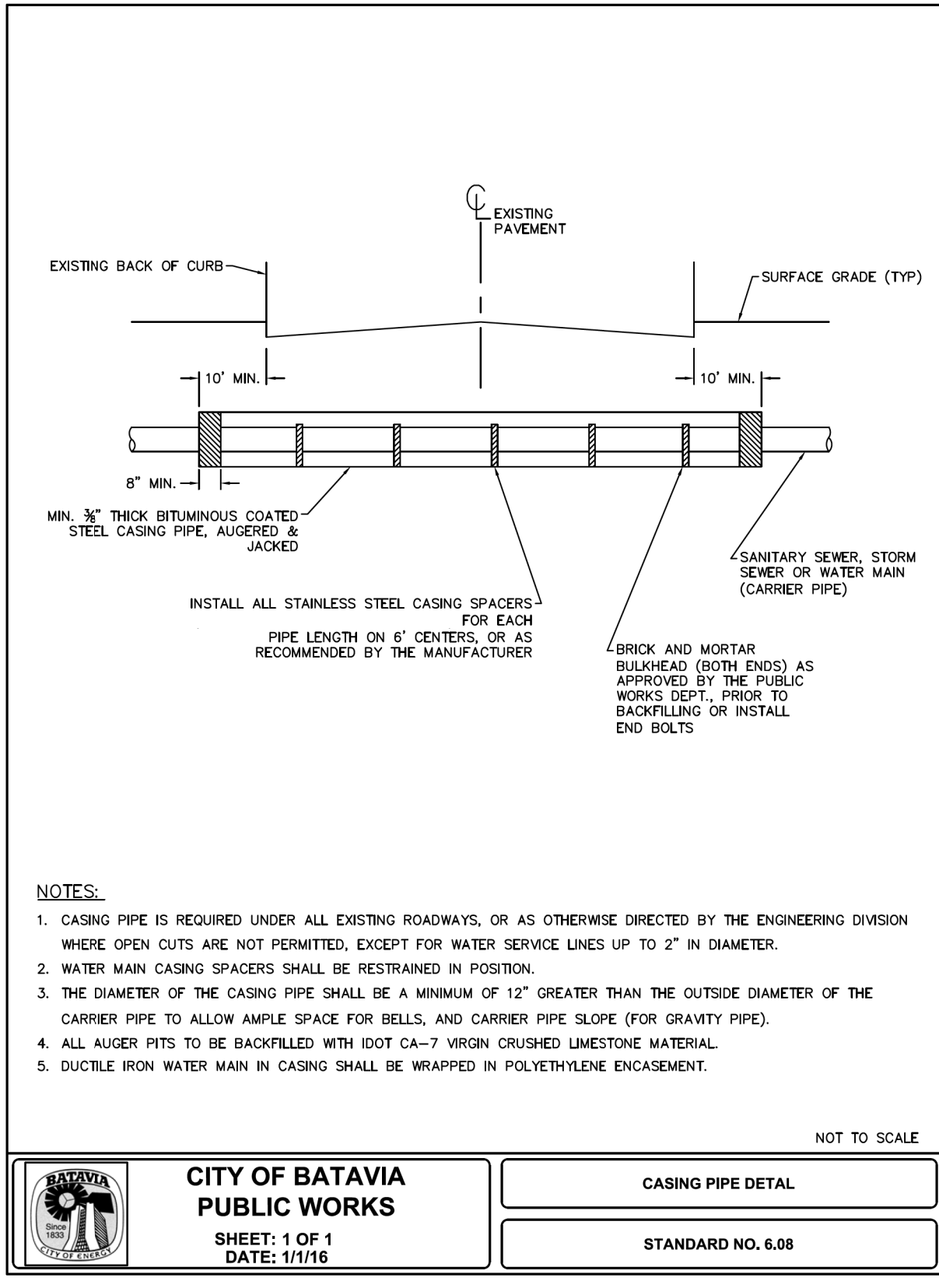




**CITY OF BATAVIA
PUBLIC WORKS DEPARTMENT**

SHEET: 1 OF 1
DATE: 1/1/16

WATER MANHOLE LID

STANDARD NO. 6.04

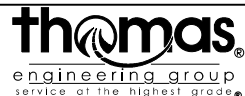
**CITY OF BATAVIA
PUBLIC WORKS**

SHEET: 1 OF 1
DATE: 1/1/16

CASING PIPE DETAIL

STANDARD NO. 6.08

FILE NAME = sht-detail.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

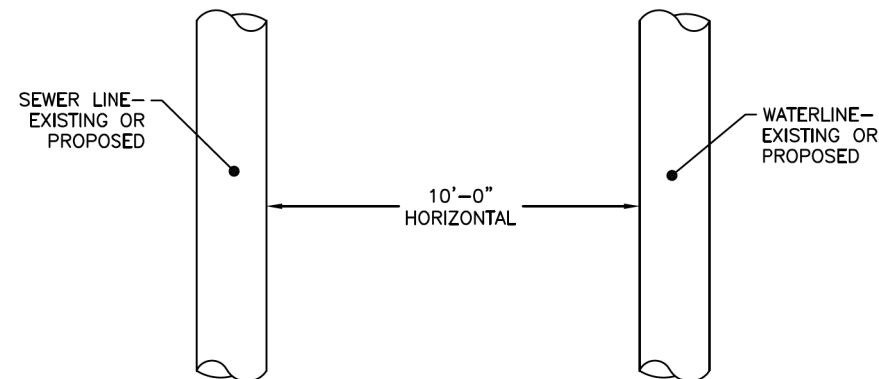
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

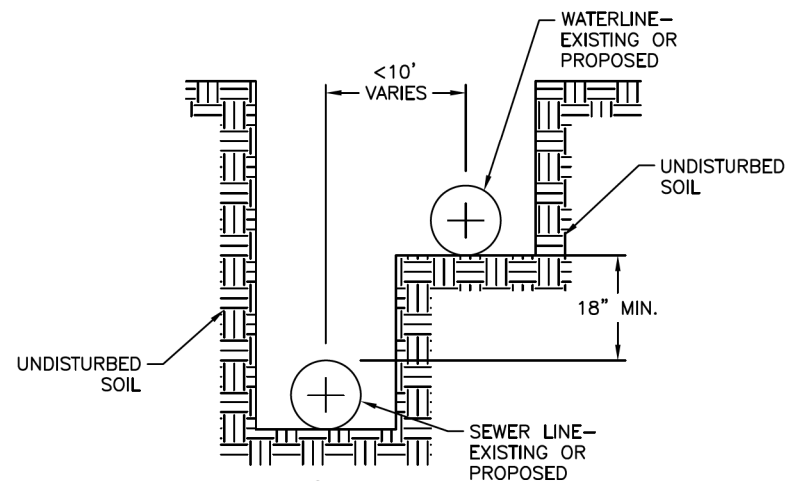
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	214
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

WHEN PROPOSED SEWER (OR WATER) IS LOCATED TEN (10) FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED.



PLAN VIEW

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN TEN (10) FEET FROM EXISTING WATER (OR SEWER) THE DETAIL BELOW SHALL APPLY.



SECTION

NOTES:

- FOR FURTHER INFORMATION REGARDING THE WATER AND SEWER SEPARATION REQUIREMENTS SEE THE LATEST EDITION OF THE "ILLINOIS STANDARDS SPECIFICATION FOR SEWER AND WATER CONSTRUCTION IN ILLINOIS."
- REFER TO THE CITY OF BATAVIA "WATER MAIN CROSSING" DETAIL FOR DETAILED REQUIREMENTS FOR PROPOSED WATER MAIN CROSSING UNDER A SEWER.

NOT TO SCALE

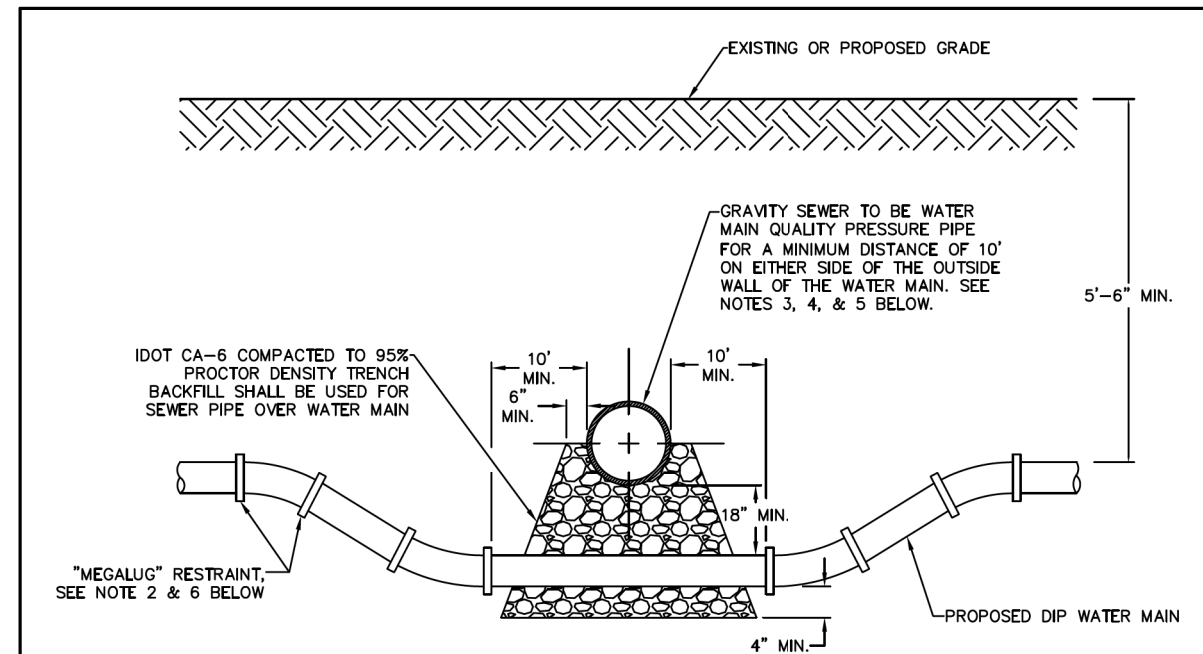


**CITY OF BATAVIA
PUBLIC WORKS DEPARTMENT**

SHEET: 1 OF 1
DATE: 01/01/2016

WATER AND SEWER SEPARATION

STANDARD NO. 6.05



NOTES:

- HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWERS SHALL COMPLY WITH CITY OF BATAVIA DESIGN MANUAL OR IEPA STANDARDS, WHICHEVER IS MORE STRINGENT.
- CONTRACTOR MAY BEND WATER MAIN PIPE UNIFORMLY UNDER SEWERS WITHOUT USING FITTINGS PROVIDED THAT JOINT DEFLECTION DOES NOT EXCEED 5 DEGREES PER JOINT FOR PIPE UNDER 14" IN DIAMETER AND 3 DEGREES PER JOINT FOR PIPE 14" AND OVER IN DIAMETER. IF FITTINGS ARE USED, CONTINUOUS STRAPPING WITH RODS, STRAPS, NUTS AND BOLTS BELOW NORMAL WATERMAIN DEPTH ARE REQUIRED, OR RETAINER GLANDS MAY BE USED IN LIEU OF STRAPPING. RETAINER GLANDS TO BE "MEGALUG" RESTRAINT, SERIES 1100 WITH "COR-TEN" BOLTS.
- ALL SANITARY SEWER (INCLUDING SERVICE) CROSSINGS WHERE THE WATER MAINS OR WATER SERVICES ARE LESS THAN 18" VERTICALLY ABOVE THE SEWER SHALL BE POLYVINYL CHLORIDE PRESSURE PIPE (SDR 26 MINIMUM) AND SHALL CONFORM WITH THE LATEST REVISION OF ASTM D-2241 OR AWWA C900/905. JOINTS SHALL CONFORM TO ASTM D-3139 AND ELASTOMERIC GASKETS SHALL CONFORM TO ASTM F-477. THE SAME PIPE AND JOINT MATERIALS SHALL BE USED WHENEVER WATER MAIN CROSSES BELOW THE SEWER.
- ALL STORM SEWER (INCLUDING SERVICE) CROSSINGS WHERE THE WATER MAINS ARE LESS THAN 18" VERTICALLY ABOVE THE SEWER SHALL BE REINFORCED CONCRETE PIPE, ASTM C-361, CLASS D-25, WITH BELL AND SPIGOT JOINTS AND RUBBER GASKETS, OR PVC SDR 26 AS SPECIFIED IN NOTE 3 ABOVE. THE SAME PIPE AND JOINT MATERIAL SHALL BE USED WHENEVER WATER MAIN CROSSES BELOW THE SEWER.
- FOR NEW SEWER INSTALLATIONS CROSSING OVER WATER MAINS, THE ENTIRE RUN OF NEW SEWER SHALL BE WATER MAIN QUALITY PIPE, EXTENDING FROM STRUCTURE TO STRUCTURE ON EACH SIDE OF THE CROSSING.
- ALL JOINTS WITHIN "L" LENGTH OF FITTING MUST BE RESTRAINED. REFER TO CITY OF BATAVIA "WATER MAIN RESTRAINT" TYPICAL DETAIL FOR MINIMUM RESTRAINED LENGTHS.

NOT TO SCALE



**CITY OF BATAVIA
PUBLIC WORKS DEPARTMENT**

SHEET: 1 OF 1
DATE: 1/1/16

WATER MAIN CROSSING

STANDARD NO. 6.06

FILE NAME = sht-detail.dgn



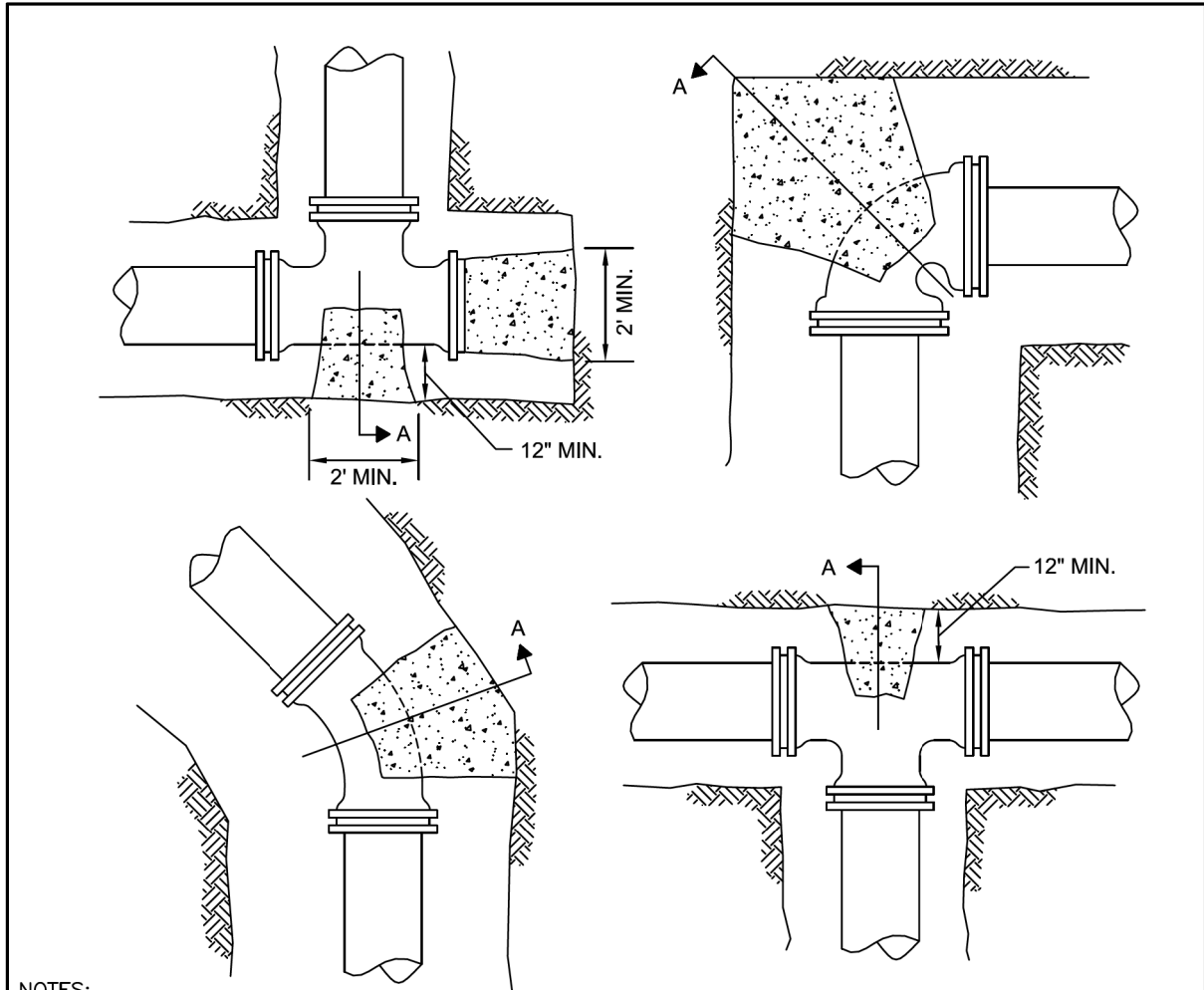
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	DRAWN - JBH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

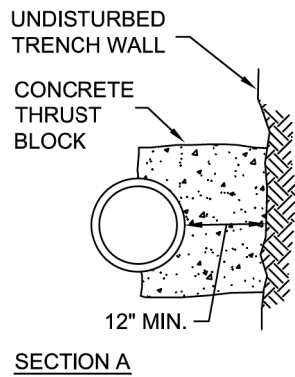
SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	215
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



NOTES:

1. THRUST RESTRAINT SHALL BE USED TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, & AT POINTS SPECIFIED BY THE ENGINEER.
2. THRUST RESTRAINT SHALL INCLUDE BOTH PRE-FORMED MASONRY (OR CAST-IN-PLACE) CONCRETE THRUST BLOCKS AND "MEGA-LUG" MECHANICAL JOINT RESTRAINTS. FOR PIPES LARGER THAN 12"Ø, BLOCKS MUST BE POURED IN PLACE.
3. CAST-IN-PLACE CONCRETE SHALL BE CLASS "SI".
4. CONCRETE BLOCKS SHALL BE MINIMUM OF 12" THICK, PLACED BETWEEN UNDISTURBED GROUND & THE FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT THE PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS.
5. ADDITIONAL JOINT RESTRAINT MAY BE REQUIRED BY THE CITY FOR LENGTH OF PIPE EACH DIRECTION FROM BENDS IF EXISTING SOILS ARE FOUND TO BE UNSUITABLE.



BATAVIA
SINCE 1833
CITY OF ENERGY

**CITY OF BATAVIA
PUBLIC WORKS DEPARTMENT**

**SHEET: 1 OF 1
DATE: 1/1/16**

WATERMAIN THRUST BLOCK

STANDARD NO. 6.10

**MINIMUM RESTRAINED LENGTHS (IN FEET)
BACK FROM BOTH SIDES OF FITTING**

FITTING TYPE/NOMINAL SIZE	4"	6"	8"	10"	12"	16"
90 DEGREE BEND	17	25	32	38	45	59
45 DEGREE BEND	7	10	13	16	19	24
22.5 DEGREE BEND	3	5	6	8	9	12
11.25 DEGREE BEND	2	2	3	4	4	6
DEAD END	39	55	73	87	103	134
TOP SIDE VERTICAL OFFSET * (45 DEGREE)	16	23	30	36	43	55
BOTTOM SIDE VERTICAL OFFSET * (45 DEGREE)	4	6	8	10	11	15
TEE RUN X BRANCH **	6" BY					
TEE RUN X BRANCH **	8" BY					
TEE RUN X BRANCH **	10" BY					
TEE RUN X BRANCH **	12" BY					
TEE RUN X BRANCH **	16" BY					
REDUCER **	6" BY					
REDUCER **	8" BY					
REDUCER **	10" BY					
REDUCER **	12" BY					
REDUCER **	16" BY					

* VERTICAL OFFSET WITH MINIMUM 10' OF SOLID PIPE BETWEEN UPPER AND LOWER BEND.
 ** TEE WITH MINIMUM 10' SOLID PIPE ON BOTH SIDES OF RUN.
 NUMBER INDICATES LENGTH OF BRANCH TO BE RESTRAINED.
 *** LENGTH BACK FROM LARGE END OF REDUCER.

BATAVIA
SINCE 1833
CITY OF ENERGY

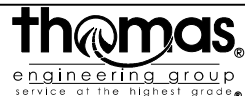
**CITY OF BATAVIA
PUBLIC WORKS DEPARTMENT**

**SHEET: 1 OF 1
DATE: 08/30/2017**

WATER MAIN RESTRAINT

STANDARD NO. 6.09

FILE NAME = sht-detail.dgn



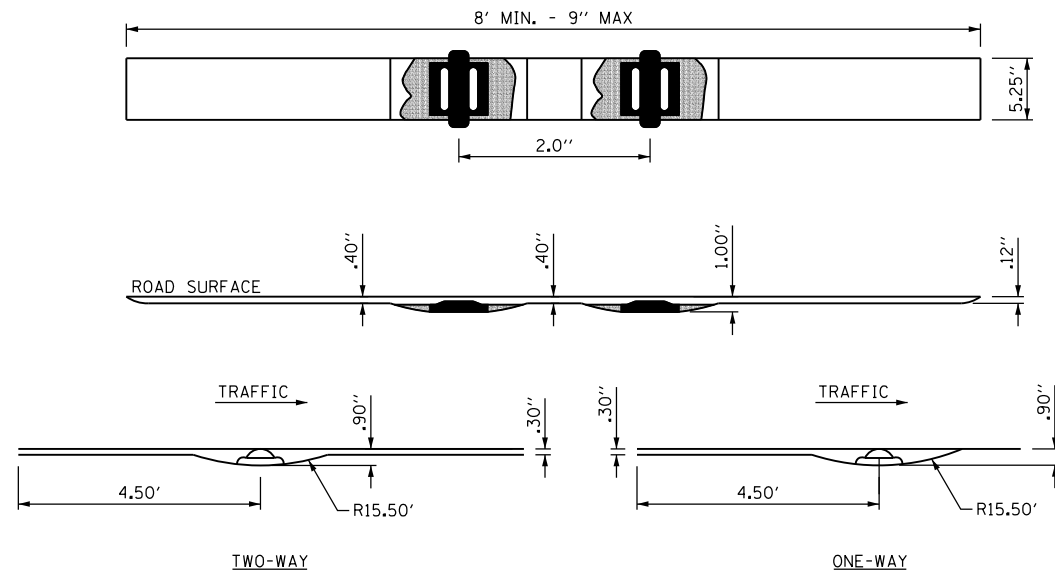
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	DRAWN - JBH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

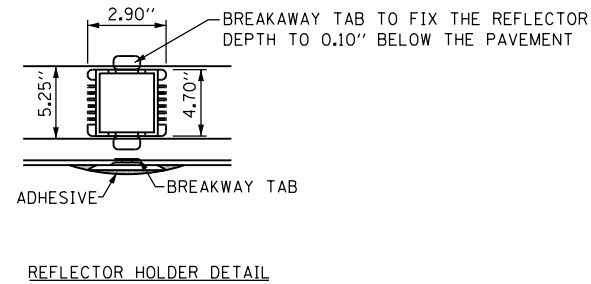
SCALE: NTS SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 216
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



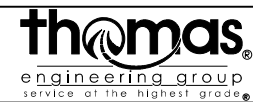
NOTES:

1. RECESSED REFLECTIVE PAVEMENT MARKER INSTALLATION SHALL CONFORM TO IDOT HIGHWAY STANDARD 781001 FOR PAVEMENT MARKER PLACEMENT
2. THE ADHESIVE SHALL MEET THE REQUIREMENTS OF AASHTO M237 SPECIFICATION FOR ADHESIVES TO BE USED IN CEMENTING TO ASPHALT SURFACES
3. FOR 1 WAY MARKERS HEADING UPHILL, UPHILL GRIND TAPER MAY BE OMITTED
4. MARKERS SHALL BE PLACED AT 80' INTERVALS ON LANE LINES AND PAINTED MEDIANS AND 40' INTERVALS ON CURVES AND APPROACHING INTERSECTIONS OR AS DIRECTED BY ENGINEER



RECESSED REFLECTIVE PAVEMENT MARKERS

FILE NAME = sht-detail.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 217
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG B-01
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 763.24 ft
 North: 1894767.35 ft
 East: 997362.89 ft
 Station: 59+04.93
 Offset: 34.32 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
762.8	5-inch thick, brown SILTY LOAM --TOPSOIL--			3									
	Very stiff, brown SILTY CLAY, trace gravel	1	1	4	2.00 P	21							
761.7	--PID= 3.1 ppm--			5									
	Medium dense, brown and gray, SILTY LOAM, trace gravel and rock fragments	2	2	4	NP	12							
	--PID= 2.3 ppm--			5									
		3	3	4	NP	12							
	--PID= 3.2 ppm--			8									
757.5	Very stiff to hard, brown and gray SILTY CLAY LOAM, trace gravel	5	4	17	3.77 S	14							
	--PID= 2.5 ppm--			9									
		4	5	10	4.18 B	16							
	--PID= 4.0 ppm--			3									
753.2	Boring terminated at 10.00 ft	10	5	12									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG B-02
 WEI Job No.: 708-04-01

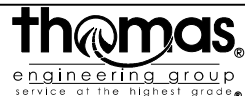
Datum: NAVD88
 Elevation: 771.35 ft
 North: 1894772.45 ft
 East: 997648.80 ft
 Station: 61+90.91
 Offset: 34.19 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
771.22	2.22-inch thick, brown SILTY LOAM --TOPSOIL--			4									
	Medium dense, brown SILTY LOAM, trace gravel	1	1	6	NP	13							
769.6	--FILL--			7									
	--PID= 7.8 ppm--			7									
	Medium dense, dark brown SILTY LOAM	2	2	4	NP	22							
	--BURIED TOPSOIL--			6									
	--PID= 6.9 ppm--			8									
767.9	Very stiff to hard, brown and gray SILTY CLAY, trace gravel	3	3	8									
	--PID= 6.9 ppm--			3									
		5	4	5	2.25 P	19							
		7	5	7									
	--PID= 4.4 ppm--			11	4.43 B	14							
		4	6	12									
	--PID= 10.4 ppm--			8									
		5	7	10	4.35 B	14							
		10	8	12									
761.4	Boring terminated at 10.00 ft	10	5	12									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

FILE NAME = sht-bldgdn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 1 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 218
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG B-03
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 782.93 ft
 North: 1894778.34 ft
 East: 997956.12 ft
 Station: 64+98.28
 Offset: 33.64 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
782.73	782.73-inch thick, brown SILTY LOAM --TOPSOIL--														
	Medium dense, brown SILTY LOAM, trace gravel	9		1		NP	12								
	--FILL--	10													
781.3	--PID= 11.1 ppm--	4													
	Very stiff, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace roots and gravel	4		2		2.25 P	22								
	--PID= 20.9 ppm--	6													
		9													
	--PID= 14.4 ppm--	5		3		2.71 S	17								
		6													
	--PID= 13.4 ppm--	9		4		2.95 B	16								
		11													
		10													
	--PID= 8.9 ppm--	8		5		3.03 B	15								
		10													
		12													
772.9	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG B-04
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 791.31 ft
 North: 1894782.53 ft
 East: 998253.19 ft
 Station: 67+95.37
 Offset: 34.61 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
791.04	791.04-inch thick, brown SILTY LOAM --TOPSOIL--														
	Medium dense, brown and gray SILTY LOAM, some gravel	9		1		NP	9								
	--PID= 3.6 ppm--	12													
789.5	--FILL--	11													
	Hard, brown and gray SILTY CLAY LOAM, trace to little gravel	9		2		4.50 P	13								
	--PID= 2.0 ppm--	10													
		12													
	--PID= 3.6 ppm--	5		3		4.50 P	15								
		6													
	--PID= 5.1 ppm--	8		4		4.59 S	16								
		10													
	--PID= 3.1 ppm--	13		5		4.50 P	16								
		18													
		21													
781.3	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

FILE NAME = sht-blogdgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 2 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 219
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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 Fax: 630 953-9938

BORING LOG B-05
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 792.14 ft
 North: 1894787.12 ft
 East: 998555.04 ft
 Station: 70+97.27
 Offset: 35.27 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
791.5	8-inch thick, Brown LOAM --TOPSOIL--	8	1	12									
	Brown and gray CLAY LOAM to SILTY CLAY LOAM, trace to little gravel --FILL-- --PID= 19.8 ppm--	11			NR	16							
	--PID= 4.9 ppm--	11											
		12											
787.6	Medium stiff, black SILTY CLAY LOAM	13	2		NR	21							
786.6	--BURRIED TOPSOIL-- --PID= 4.7 ppm-- --ORGANIC CONTENT= 12.0%-- --L _i (%)=73, P _L (%)=35-- --%Gravel=0.5-- --%Sand=4.4-- --%Silt=70.1-- --%Clay=25.1-- --A-7-5(44)--	14			0.50 P	36							
	Medium stiff to stiff, brown SILTY CLAY, trace gravel --PID= 10.3 ppm-- --ORGANIC CONTENT= 3.7%-- --L _i (%)=48, P _L (%)=19-- --%Gravel=1.1-- --%Sand=6.7-- --%Silt=60.8-- --%Clay=31.4-- --A-7-6(28)-- --PID= 7.7 ppm-- --PID= 1.3 ppm--	15			1.50 P	26							
780.1	Boring terminated at 12.00 ft	16			0.75 P	22							
		17			1.89 B	17							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-23-2013	Complete Drilling	09-23-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling	NA		
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			Depth to Water	▽ NA		
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG B-06
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 792.78 ft
 North: 1894785.54 ft
 East: 998825.50 ft
 Station: 73+67.65
 Offset: 41.54 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
792.54	8-inch thick, brown SILTY LOAM --TOPSOIL--	4	1	4									
	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel --FILL-- --PID= 3.1 ppm--	7			3.50 P	19							
791.0	Loose to medium dense, brown and gray SILTY LOAM --FILL-- --PID= 3.7 ppm--	8											
	--PID= 4.3 ppm--	8											
		9											
		10											
787.6	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel --PID= 1.8 ppm--	11	2		NP	17							
		12											
		13											
		14											
784.5	Medium dense, brown SILT, trace gravel --Moist-- --PID= 5.3 ppm--	15	3		3.44 B	16							
		16											
		17											
782.8	Boring terminated at 10.00 ft	18											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling	NA		
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			Depth to Water	▽ NA		
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: NTS SHEET 3 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 220
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



BORING LOG B-07

Page 1 of 1

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WEI Job No.: 708-04-01
Client **Thomas Engineering Group, LLC.**
Project **Kirk Road and Fabyan Parkway Reconstruction**
Location **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Datum: NAVD88
Elevation: 791.72 ft
North: 1894875.78 ft
East: 999097.19 ft
Station: 76+40.87
Offset: 43.97 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	791.2	Medium dense, brown SILTY LOAM	4														
		--TOPSOIL--	6														
		Medium dense, brown SILTY LOAM, trace gravel	6	1			NP	11									
		--FILL--	5														
		--PID= 0.7 ppm--	5														
	789.5	Very stiff, brown SILTY CLAY LOAM, trace gravel	6														
		--PID= 3.4 ppm--	5	2			2.75 P	23									
			6														
			8														
		--PID= 1.4 ppm--	5	3			2.21 B	15									
			6														
			7														
	785.6	Medium dense, brown and gray SILTY LOAM	4														
		--MOIST--	5	4			NP	17									
		--PID= 5.6 ppm--	5														
			6														
		--PID= 6.8 ppm--	5	5			NP	19									
			5														
			6														
	781.7	Boring terminated at 10.00 ft	10														

WANGENG 7080401.GPJ WANGENG.GDT 10/28/13

GENERAL NOTES

Begin Drilling **09-24-2013** Complete Drilling **09-24-2013**
 Drilling Contractor **Wang Testing Services** Drill Rig **D-25 ATV**
 Driller **P&N** Logger **B.Wilson** Checked by **A. Kurnia**
 Drilling Method **2.25" HSA, 2' continuous, boring backfilled upon completion**

WATER LEVEL DATA

While Drilling **DRY**
 At Completion of Drilling **DRY**
 Time After Drilling **NA**
 Depth to Water **NA**
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



BORING LOG B-08

Page 1 of 1

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WEI Job No.: 708-04-01
Client **Thomas Engineering Group, LLC.**
Project **Kirk Road and Fabyan Parkway Reconstruction**
Location **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Datum: NAVD88
Elevation: 796.24 ft
North: 1894801.94 ft
East: 999402.65 ft
Station: 79+45.00
Offset: 35.16 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		18-inch thick, medium dense, brown LOAM, little gravel	5														
		--FILL--	11														
		--PID= 2.2 ppm--	11	1			NP	13									
			11														
	794.5	Medium dense, brown SILTY LOAM, trace gravel	6														
		--2.4 ppm--	9	2			NP	14									
			14														
			15														
		--PID= 3.6 ppm--	5	3			NP	15									
			10														
			13														
			16														
	790.2	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel	8														
		--PID= 5.1 ppm--	10	4			3.44 S	15									
			12														
			15														
		--PID= 9.6 ppm--	9	5			3.53 B	16									
			11														
			14														
	786.2	Boring terminated at 10.00 ft	10														

WANGENG 7080401.GPJ WANGENG.GDT 10/28/13

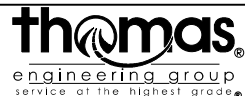
GENERAL NOTES

Begin Drilling **09-23-2013** Complete Drilling **09-23-2013**
 Drilling Contractor **Wang Testing Services** Drill Rig **D-25 ATV**
 Driller **P&N** Logger **B.Wilson** Checked by **A. Kurnia**
 Drilling Method **2.25" HSA, 2' continuous, boring backfilled upon completion**

WATER LEVEL DATA

While Drilling **DRY**
 At Completion of Drilling **DRY**
 Time After Drilling **NA**
 Depth to Water **NA**
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

FILE NAME = sht-bldgdn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: NTS SHEET 4 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 221
CONTRACT NO. 61E97			ILLINOIS FED. AID PROJECT	

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BORING LOG B-09
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 797.78 ft
 North: 1894811.08 ft
 East: 999725.93 ft
 Station: 82+68.39
 Offset: 31.64 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
797.3	6-inch thick brown SILTY CLAY --TOPSOIL--				2										
	Very stiff, brown CLAY LOAM, trace gravel			1	3	2.00	15								
	--FILL--			3	3										
	--PID= 9.3 ppm--			4	4										
796.2	Medium stiff, dark brown SILTY CLAY LOAM, trace roots, trace to little gravel			2	3	0.74	22								
	--FILL--			4	4										
	--PID= 7.5 ppm--			7	7										
	--PID= 9.7 ppm--			3	4	0.50	25								
				4	4										
791.5	Stiff, dark brown SILTY CLAY --BURIED TOPSOIL--			4	8	1.23	37								
	--PID= 2.0 ppm--			8	8										
	--ORGANIC CONTENT= 6.5%--			8	8										
	--L _c (%)=65, P _c (%)=25--			9	9										
	--%Gravel=0.6--			3	3										
	--%Sand=6.1--			4	4	2.21	17								
	--%Silt=60.6--			5	5										
	--%Clay=32.7--			5	5										
	--A-7-6(42)--			9	9										
790.0	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel			10	10										
	--PID= 7.4 ppm--														
	Boring terminated at 10.00 ft														

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-23-2013	Complete Drilling	09-23-2013
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV
Driller	P&N	Logger	B.Wilson
Checked by	A. Kurnia	Time After Drilling	NA
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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BORING LOG B-10
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 796.70 ft
 North: 1894814.65 ft
 East: 999994.61 ft
 Station: 85+37.11
 Offset: 32.74 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Medium dense, brown LOAM to SILTY LOAM, trace gravel			1	9										
	--FILL--			10	10										
	--PID= 1.4 ppm--			11	11										
				12	12										
				2	7										
				8	8										
				7	7										
	--PID= 2.2 ppm--			6	6										
793.0	Stiff, brown SILTY CLAY, trace roots, trace gravel			3	3										
	--BURIED TOPSOIL--			4	4										
	--PID= 7.5 ppm--			5	5	1.50	30								
	--ORGANIC CONTENT= 5.2%--			6	6										
790.9	Stiff to very stiff, brown SILTY CLAY, trace gravel			4	6	1.75	27								
	--L _c (%)=66, P _c (%)=21--			8	8										
	--%Gravel=0--			9	9										
	--%Sand=4.7--			9	9										
	--%Silt=62.5--			5	5										
	--%Clay=32.8--			7	7										
	--A-7-6(48)--			7	7										
	--PID= 2.7 ppm--			5	5	3.03	16								
	--PID= 4.4 ppm--			7	7										
787.2	Brown SANDY LOAM, some gravel			10	10										
786.7															
	--WET--														
	Boring terminated at 10.00 ft														

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-23-2013	Complete Drilling	09-23-2013
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV
Driller	P&N	Logger	B.Wilson
Checked by	A. Kurnia	Time After Drilling	NA
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 5 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 222
CONTRACT NO. 61E97			ILLINOIS FED. AID PROJECT	

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BORING LOG B-11
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 792.18 ft
 North: 1894820.57 ft
 East: 1000294.35 ft
 Station: 88+36.89
 Offset: 32.02 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

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BORING LOG B-12
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 785.24 ft
 North: 1894825.17 ft
 East: 1000596.11 ft
 Station: 91+38.69
 Offset: 32.67 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Medium dense, brown LOAM TO SILTY LOAM, trace gravel --FILL-- --PID= 9.8 ppm--	4		1		NP	12									
			5														
			7														
			9														
			9														
			8				NP	21									
			10														
	788.4	6-inch thick dark brown SILTY CLAY --BURIED TOPSOIL--	3														
	787.7		6				4.50										
			9				P										
			12														
			6														
			8														
			10				3.44										
			14				S										
			7														
			8														
			9				3.44										
			10				B										
			10														
	782.2	Boring terminated at 10.00 ft															

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Medium dense, brown LOAM, trace roots and gravel --FILL-- --PID= 7.5 ppm--	5		1		NP	14									
			6														
			9														
			10														
			8														
			10				NP	17									
			11														
	781.6	Dark brown SILTY CLAY --BURIED TOPSOIL--	4														
	781.1		5				2.87										
			7				B										
			8														
			7														
			9														
			12				1.72										
			14				B										
			7														
			9														
			10														
			10				2.38										
			10				B										
			10														
	775.2	Boring terminated at 10.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-23-2013	Complete Drilling	09-23-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia			Depth to Water	▽	NA	
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-23-2013	Complete Drilling	09-23-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia			Depth to Water	▽	NA	
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

FILE NAME = sht-blogdgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 6 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	223
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG B-13
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 793.22 ft
 North: 1893996.62 ft
 East: 988867.82 ft
 Station: 223+79.88
 Offset: 33.29 LT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

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BORING LOG B-14
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 791.41 ft
 North: 1894230.57 ft
 East: 988955.58 ft
 Station: 226+25.41
 Offset: 38.42 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
793.12	12-inch thick, brown SILTY LOAM --TOPSOIL--	5													
	Loose to medium dense, brown and gray SILTY LOAM, trace gravel	8		1		NP	12								
	--FILL--	9													
	--PID= 4.2 ppm--	10													
	--PID= 5.4 ppm--	5		2		NP	14								
	--PID= 5.4 ppm--	4													
	--PID= 5.4 ppm--	5													
	--PID= 4.5 ppm--	4													
787.6	Medium dense, brown and gray SILTY LOAM to SILT	3		3		NP	18								
	--WET--	4													
	--PID= 5.4 ppm--	4													
	--PID= 5.4 ppm--	5													
	--PID= 5.4 ppm--	7													
	--PID= 6.4 ppm--	5		5		NP	19								
	--PID= 6.4 ppm--	8													
	--PID= 6.4 ppm--	9													
	--PID= 6.4 ppm--	10													
783.2	Boring terminated at 10.00 ft	10													

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
791.23	23-inch thick, brown SILTY LOAM --TOPSOIL--	5													
	Medium dense, brown LOAM, trace roots, trace gravel	7		1		NP	14								
	--FILL--	9													
	--PID= 2.8 ppm--	9													
	--PID= 1.9 ppm--	8		2		NP	15								
	--PID= 1.9 ppm--	8													
	--PID= 1.9 ppm--	8													
	--PID= 1.9 ppm--	10													
787.7	Medium dense, brown SILTY LOAM, trace gravel	4		3		NP	14								
	--PID= 3.3 ppm--	6													
	--PID= 3.3 ppm--	9													
	--PID= 3.3 ppm--	11													
785.0	Hard, brown and gray SILTY CLAY LOAM, trace gravel	7		4		4.10 S	15								
	--PID= 4.7 ppm--	8													
	--PID= 4.7 ppm--	8													
	--PID= 4.7 ppm--	13													
	--PID= 3.6 ppm--	7		5		8.77 B	14								
	--PID= 3.6 ppm--	10													
	--PID= 3.6 ppm--	11													
	--PID= 3.6 ppm--	12													
781.4	Boring terminated at 10.00 ft	10													

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV
Driller	P&N	Logger	B.Wilson
Checked by	A. Kurnia	Time After Drilling	NA
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-24-2013	Complete Drilling	09-24-2013
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV
Driller	P&N	Logger	B.Wilson
Checked by	A. Kurnia	Time After Drilling	NA
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

FILE NAME = sht-blogdgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 7 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 224
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG B-15
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 792.12 ft
 North: 1894464.86 ft
 East: 988899.48 ft
 Station: 228+47.33
 Offset: 38.93 LT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
791.8	4-inch thick, brown SILTY LOAM --TOPSOIL--	5			5										
	Medium dense, brown SILTY LOAM, little gravel	6		1		NP	13								
	--FILL--	8													
790.4	--PID= 1.2 ppm--	8													
789.9	Dark brown SILTY LOAM --BURIED TOPSOIL--	5													
	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	5		2		3.61 S	26								
	--FILL--	5													
	--PID= 2.5 ppm--	9													
	--FILL--	5													
	--PID= 3.1 ppm--	6		3		1.50 P	25								
	--FILL--	6													
	--PID= 5.5 ppm--	7													
	--FILL--	4													
	--PID= 5.5 ppm--	6		4		4.50 P	14								
	--FILL--	8													
	--PID= 5.4 ppm--	9													
	--FILL--	6													
	--PID= 5.4 ppm--	6		5		3.85 B	16								
	--FILL--	7													
	--PID= 5.4 ppm--	7													
782.1	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-25-2013	Complete Drilling	09-25-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Depth to Water	▽			NA	
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG B-16
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 791.55 ft
 North: 1894679.92 ft
 East: 988995.32 ft
 Station: 230+70.05
 Offset: 37.42 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
791.1	6-inch thick, brown SILTY LOAM --TOPSOIL--	5			5										
	Medium dense, brown SILTY LOAM, trace to little gravel	8		1		NP	13								
	--FILL--	12													
790.1	--PID= 0.4 ppm--	12													
	Medium dense, brown GRAVELLY LOAM, little gravel	3													
	--FILL--	5													
	--PID= 17.8--	5		2		NP	11								
	--Sand=26.7--	8													
	--Silt=40.9--	8													
	--Clay=14.6--	8													
	--PID= 5.1 ppm--	5													
	--FILL--	5													
	--PID= 8.4 ppm--	8		3		NP	14								
	--FILL--	10													
	--PID= 8.4 ppm--	12													
	--FILL--	4													
	--PID= 3.6 ppm--	4		4		4.02 S	15								
	--FILL--	7													
	--PID= 3.3 ppm--	11													
	--FILL--	12													
	--PID= 3.3 ppm--	3													
	--FILL--	4													
	--PID= 3.3 ppm--	4		5		3.61 B	16								
	--FILL--	4													
	--PID= 3.3 ppm--	6													
781.6	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-24-2013	Complete Drilling	09-24-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Depth to Water	▽			NA	
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 8 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 225
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG B-17
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 790.10 ft
 North: 1894969.95 ft
 East: 988941.46 ft
 Station: 233+54.15
 Offset: 41.99 LT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
789.6	Very stiff, brown SILTY CLAY --TOPSOIL-- --PID= 5.5 ppm--	5		1	5	2.50	17								
	Very stiff, brown SILTY CLAY to SILTY CLAY LOAM, trace gravel --PID= 9.7 ppm--	5		5											
		5		5											
		6		6											
		3		2											
		5		2											
		6		2											
		9		2											
		5		3											
		6		3											
		8		3											
		9		3											
784.1	Medium dense, brown SILTY LOAM, trace gravel --MOIST-- --PID= 4.8 ppm--	5		4											
		6		4											
		8		4											
		9		4											
		5		5											
		7		5											
		7		5											
		10		5											
780.1	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-24-2013	Complete Drilling	09-24-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG B-18
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 790.09 ft
 North: 1895285.97 ft
 East: 988975.76 ft
 Station: 236+71.96
 Offset: 35.91 LT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
789.8	4-inch thick, brown SILTY LOAM --TOPSOIL--	9		1	9										
	Medium dense, brown SILTY LOAM, trace gravel --FILL-- --PID= 2.5 ppm--	13		1											
		12		1											
		12		1											
		9		2											
		9		2											
		9		2											
		9		2											
788.3	Stiff, dark brown SILTY CLAY --BURIED TOPSOIL-- --PID= 11.6 ppm--	1		3											
		3		3											
		5		3											
		10		3											
784.6	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel --PID= 3.8 ppm-- --L _t (%)=29, P _t (%)=17-- --%Gravel=1.7-- --%Sand=7.4-- --%Silt=69.5-- --%Clay=21.4-- --A-6(10)--	10		4											
		10		4											
		12		4											
		13		4											
		12		4											
		5		5											
		6		5											
		8		5											
		8		5											
780.1	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-24-2013	Complete Drilling	09-24-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Time After Drilling		NA	
Checked by	A. Kurnia	Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion	Depth to Water	▽	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 9 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 226
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG B-19
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 789.30 ft
 North: 1895567.41 ft
 East: 999069.48 ft
 Station: 239+60.62
 Offset: 32.43 RT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
789.0	4-inch thick, brown SILTY LOAM --TOPSOIL--	5			5										
	Medium dense, brown SILTY LOAM, little gravel	7		1		NP	18								
	--FILL--	11													
787.6	--PID= 1.0 ppm--	14													
	Very stiff, brown and gray SILTY CLAY LOAM, trace gravel	6		2		3.75 P	12								
	--PID= 1.8 ppm--	7													
		7													
785.5	Medium dense, brown SILTY LOAM, little gravel	5		3		NP	11								
	--PID= 1.5 ppm--	5													
784.1	Coarse brown SAND	6													
	--WET--	5													
783.0	Very stiff, brown SILTY CLAY LOAM, trace gravel and rock fragments	7		4		3.75 P	15								
	--PID= 3.8 ppm--	24													
		16													
		13													
	--PID= 2.1 ppm--	7		5		3.94 S	16								
		10													
		16													
		20													
779.3	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-24-2013	Complete Drilling	09-24-2013	While Drilling	▽	6.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Checked by	A. Kurnia	Time After Drilling	NA
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG B-20
 WEI Job No.: 708-04-01

Datum: NAVD88
 Elevation: 788.38 ft
 North: 1895817.08 ft
 East: 999029.58 ft
 Station: 242+05.76
 Offset: 29.61 LT

Client: **Thomas Engineering Group, LLC.**
 Project: **Kirk Road and Fabyan Parkway Reconstruction**
 Location: **Sections 12, 13, and 14, T 39 N, R 8 E of the 3rd P.M.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	Medium dense, brown SILTY LOAM, some gravel	5			5										
	--FILL--	8		1		NP	9								
	--PID= 1.5 ppm--	13													
		11													
788.1	Hard, brown SILTY CLAY LOAM, trace to some gravel and rock fragments	9		2		> 4.50 P	13								
	--PID= 2.1 ppm--	9													
		10													
		11													
	--PID= 5.5 ppm--	5		3		> 4.50 P	15								
		7													
		10													
		14													
	--PID= 4.3 ppm--	12		4		> 4.50 P	13								
		21													
781.2	Medium dense, brown SILTY LOAM, trace gravel	16		5		NP	16								
	--PID= 3.9 ppm--	15													
		13													
		6													
		8													
		10													
778.4	Boring terminated at 10.00 ft	10													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-24-2013	Complete Drilling	09-24-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	P&N	Logger	B.Wilson	Checked by	A. Kurnia	Time After Drilling	NA
Drilling Method	2.25" HSA, 2' continuous, boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

FILE NAME = sht-bldgdn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 10 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	227
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG SB-1
 WEI Job No.: 708-04-02
 Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Datum: NGVD
 Elevation: 788.29 ft
 North: 1894879.27 ft
 East: 998597.18 ft
 Station:
 Offset:

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
787.9	5-inch thick, dark brown SILTY LOAM --TOPSOIL--															
	Very soft, brown SILTY CLAY --SAMPLE #1 PID= 1.0 ppm--			1	< 0.25	P										
786.8	Stiff, dark brown to black SILTY CLAY, trace gravel --trace organic smell--															
	--SAMPLE #2 PID= 1.5 ppm--			2	1.00	P										
784.3	Very soft, dark brown to black SILTY CLAY --trace organic smell--															
	--SAMPLE #3 PID= 15.2 ppm--			3	< 0.25	P										
782.3	Gray SANDY GRAVEL --SATURATED-- --SAMPLE #4 PID= 1.8 ppm--															
				4		NP										
780.3	Boring terminated at 8.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015	While Drilling	▽	4.00 ft	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	4.50 ft	
Driller	S&E	Logger	S. Woods	Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG SB-2
 WEI Job No.: 708-04-02
 Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Datum: NGVD
 Elevation: 792.21 ft
 North: 1894880.47 ft
 East: 998756.48 ft
 Station:
 Offset:

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
791.8	5-inch thick, dark brown SILTY LOAM --TOPSOIL--															
	Medium stiff, dark brown to brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 2.2 ppm--			1	0.50	P										
	--SAMPLE #2 PID= 1.1 ppm--			2	0.50	P										
	--SAMPLE #3 PID= 1.8 ppm--			3	0.50	P										
785.7	Very stiff, brown SILTY CLAY, trace gravel --SAMPLE #4 PID= 2.3 ppm--															
				4	3.00	P										
784.2	Boring terminated at 8.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015	While Drilling	▽	2.00 ft	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	5.00 ft	
Driller	S&E	Logger	S. Woods	Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

FILE NAME = sht-blogdgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: NTS SHEET 11 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 228
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG SB-3
 WEI Job No.: 708-04-02

Datum: NGVD
 Elevation: 790.90 ft
 North: 1894957.35 ft
 East: 988938.73 ft
 Station:
 Offset:

Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

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BORING LOG SB-4
 WEI Job No.: 708-04-02

Datum: NGVD
 Elevation: 788.18 ft
 North: 1893434.35 ft
 East: 988865.62 ft
 Station:
 Offset:

Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		12-inch thick, dark brown SILTY LOAM, trace roots, trace glass --FILL--															
	789.9	Medium stiff, brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 0.6 ppm--			1		0.50 P										
	788.1	Stiff to very stiff, brown SILTY CLAY, trace gravel --SAMPLE #2 PID= 6.3 ppm--			2		2.50 P										
		--SAMPLE #3 PID= 4.3 ppm--			3		2.50 P										
		--SAMPLE #4 PID= 0.8 ppm--			4		1.00 P										
	782.9	Boring terminated at 8.00 ft															

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	787.9	4-inch thick, dark brown SILTY LOAM --TOPSOIL--															
		Medium stiff to stiff, dark brown to brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 0.0 ppm--			1		0.50 P										
		--SAMPLE #2 PID= 0.0 ppm--			2		1.50 P										
	784.2	Boring terminated at 4.00 ft															

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA
Driller	S&E	Logger	S. Woods
Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler	Depth to Water	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA
Driller	S&E	Logger	S. Woods
Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler	Depth to Water	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

FILE NAME = sht-blogdgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 12 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	229
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG SB-5
 WEI Job No.: 708-04-02

Datum: NGVD
 Elevation: 755.23 ft
 North: 1894838.91 ft
 East: 966934.75 ft
 Station:
 Offset:

Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
755.0	3-inch thick, dark brown SILTY LOAM --TOPSOIL-- Very soft, brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 1.5 ppm--			1		< 0.25 P										
753.2	Stiff to very stiff, brown SILTY CLAY, trace gravel --SAMPLE #2 PID= 1.8 ppm--			2		1.50 P										
				3		1.75 P										
				4		2.00 P										
747.2	Boring terminated at 8.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015	While Drilling	▽	DRY	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	DRY	
Driller	S&E	Logger	S. Woods	Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG SB-6
 WEI Job No.: 708-04-02

Datum: NGVD
 Elevation: 756.95 ft
 North: 1894838.56 ft
 East: 997109.98 ft
 Station:
 Offset:

Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
756.7	3-inch thick, dark brown SILTY LOAM --TOPSOIL-- Soft, marbled dark brown and brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 2.0 ppm--			1		0.25 P										
755.0	Very soft, brown SILTY CLAY little gravel			2		2.00 P										
754.5	Stiff to very stiff, brown SILTY CLAY, trace gravel --SAMPLE #2 PID= 41.8 ppm--			3		2.00 P										
				4		1.25 P										
749.0	Boring terminated at 8.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015	While Drilling	▽	2.00 ft	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	6.00 ft	
Driller	S&E	Logger	S. Woods	Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 13 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 230
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG SB-7
 WEI Job No.: 708-04-02

Datum: NGVD
 Elevation: 759.59 ft
 North: 1894931.85 ft
 East: 997203.05 ft
 Station:
 Offset:

Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Medium stiff, dark brown SILTY LOAM --TOPSOIL--															
	758.6	Stiff, brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 21.9 ppm--			1		0.50 P										
					2		1.00 P										
	755.6	Very soft to medium stiff, brown SILTY CLAY, trace gravel --SAMPLE #3 PID= 17.1 ppm--			3		< 0.25 P										
					4		0.50 P										
	751.6	Boring terminated at 8.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015	While Drilling	▽	0.00 ft	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	0.00 ft	
Driller	S&E	Logger	S. Woods	Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG SB-8
 WEI Job No.: 708-04-02

Datum: NGVD
 Elevation: 782.33 ft
 North: 1894893.83 ft
 East: 1000587.93 ft
 Station:
 Offset:

Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		6-inch thick, dark brown SILTY LOAM --TOPSOIL--															
	781.8	Medium stiff to stiff, dark brown to brown SILTY CLAY, trace gravel --SAMPLE #1 PID= 0.2 ppm--			1		0.50 P										
					2		1.50 P										
	778.3	Boring terminated at 4.00 ft															

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-07-2015	Complete Drilling	07-07-2015	While Drilling	▽	DRY	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	DRY	
Driller	S&E	Logger	S. Woods	Checked by	S. Woods	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
CHECKED - BLP	REVISED -	
DATE - 11/6/2018	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOGS

SCALE: NTS SHEET 14 OF 16 SHEETS STA. TO STA.

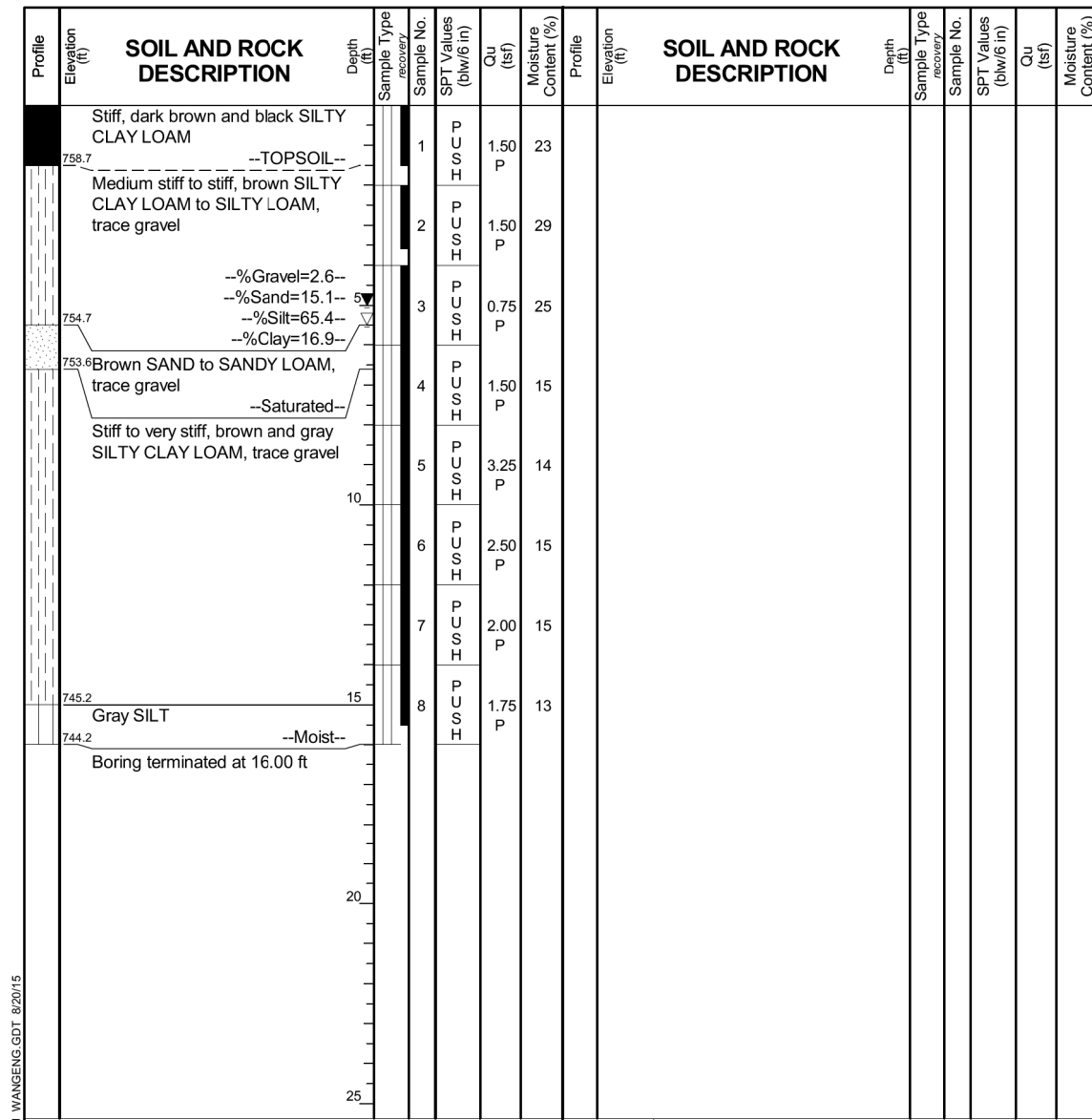
F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 231
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG DPB-01-HA
 WEI Job No.: 708-04-02
 Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Datum: NGVD
 Elevation: 760.17 ft
 North: 1894899.37 ft
 East: 997271.87 ft
 Station: 58+16.24
 Offset: 99.25 LT

Page 1 of 1



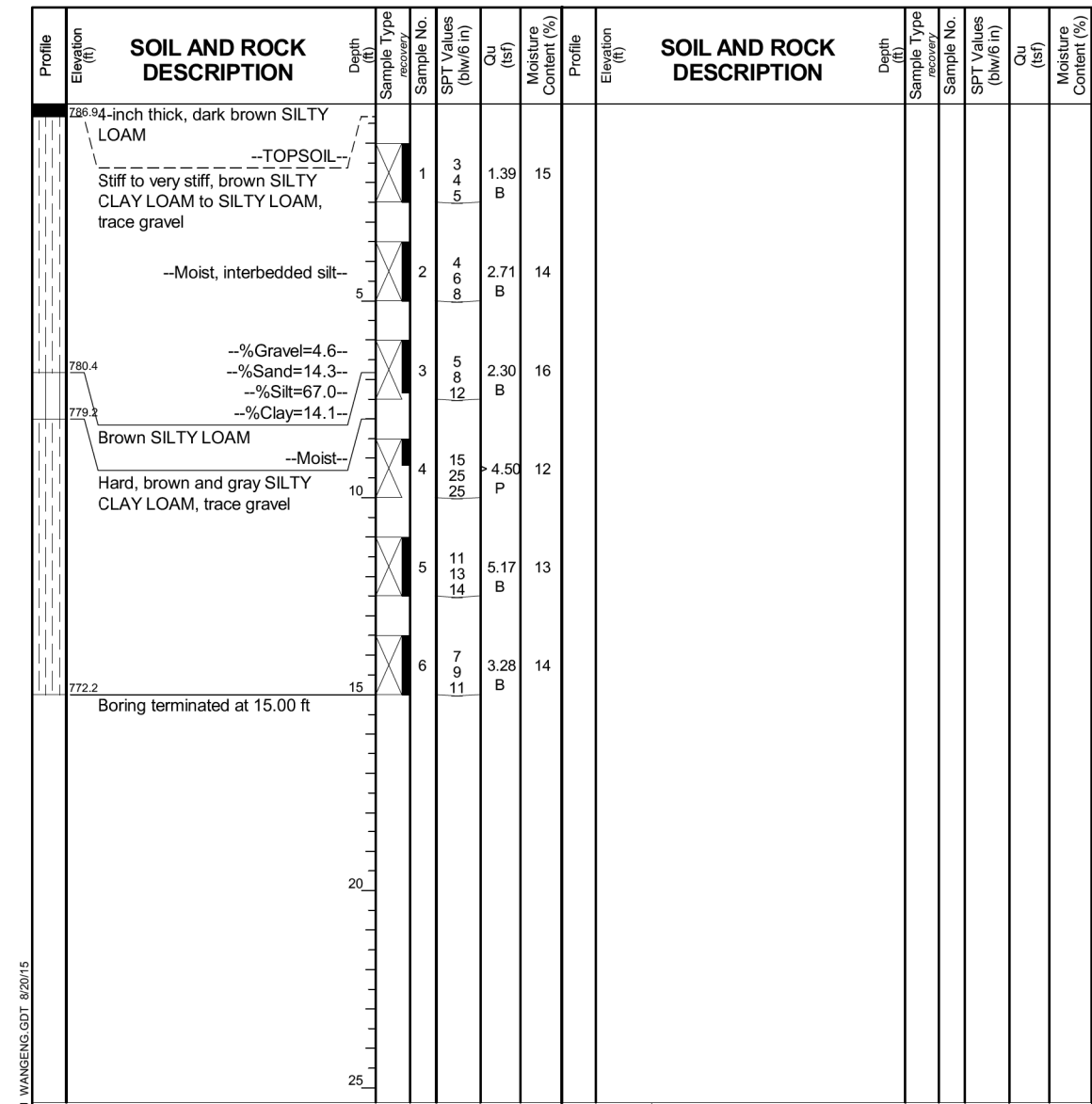
GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-22-2015	Complete Drilling	07-22-2015	While Drilling	▽	5.50 ft	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	Geoprobe HA	At Completion of Drilling	▽	5.00 ft	
Driller	C&F	Logger	F. Bozga	Checked by	B. Wilson	Time After Drilling	NA
Drilling Method	1" IDA Pneumatic Geoprobe LB Sampler			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG DPB-02-A
 WEI Job No.: 708-04-02
 Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Datum: NGVD
 Elevation: 787.24 ft
 North: 1895483.36 ft
 East: 998942.84 ft
 Station: 238+65.65
 Offset: 86.24 LT

Page 1 of 1



GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-14-2015	Complete Drilling	07-14-2015	While Drilling	▽	DRY	
Drilling Contractor	Wang Engineering Inc.	Drill Rig	D-25 ATV	At Completion of Drilling	▽	DRY	
Driller	R&K	Logger	A. Tomaras	Checked by	B. Wilson	Time After Drilling	NA
Drilling Method	2.25" IDA HSA, 2.5' interval to end of boring, boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

FILE NAME = sht-blog.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
DRAWN - JBH	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: NTS SHEET 15 OF 16 SHEETS STA. TO STA.

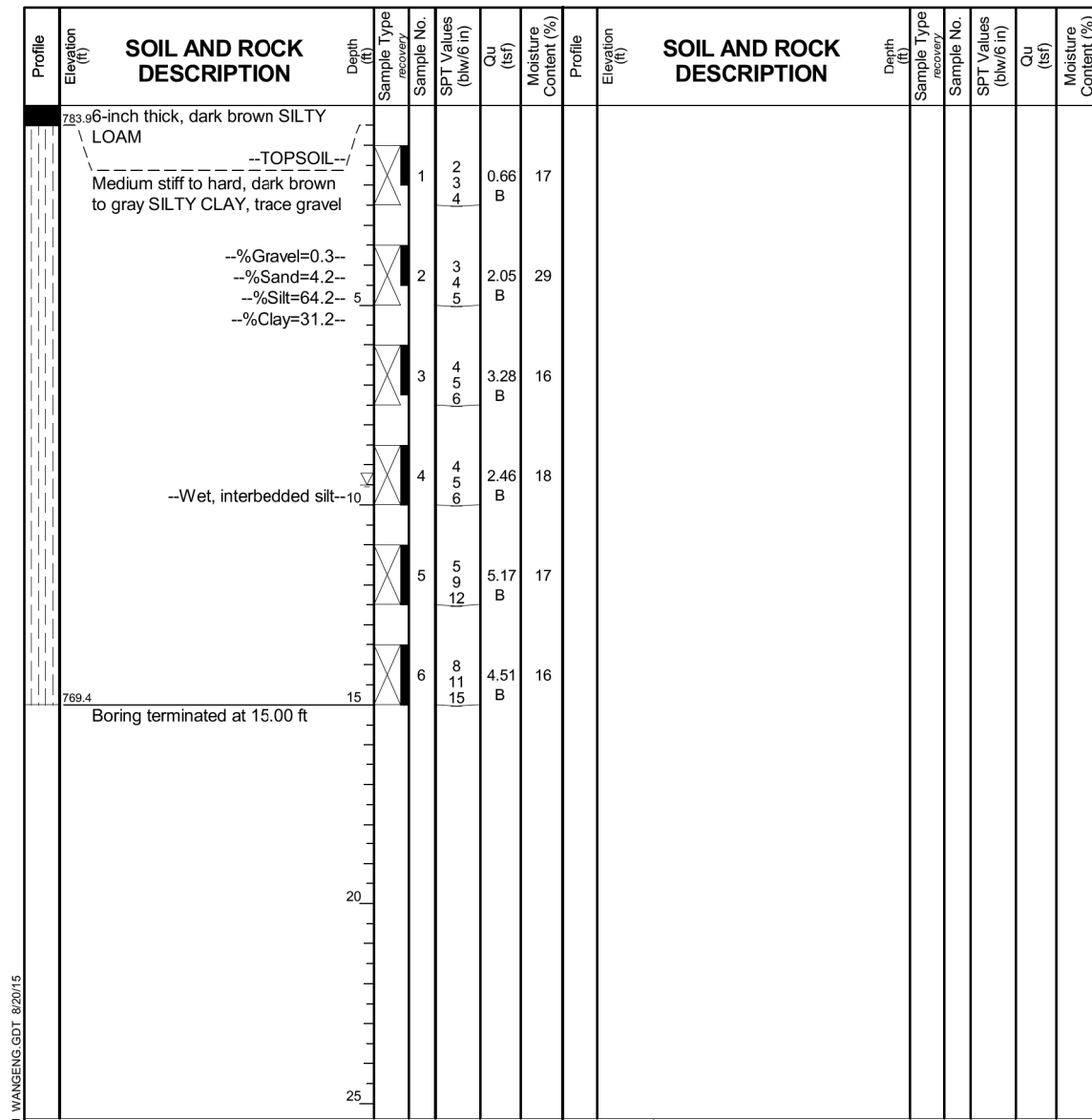
F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 232
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

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BORING LOG DPB-03
 WEI Job No.: 708-04-02
 Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Datum: NGVD
 Elevation: 784.41 ft
 North: 1894824.44 ft
 East: 1000619.22 ft
 Station: 91+61.69
 Offset: 33.80 RT

Page 1 of 1



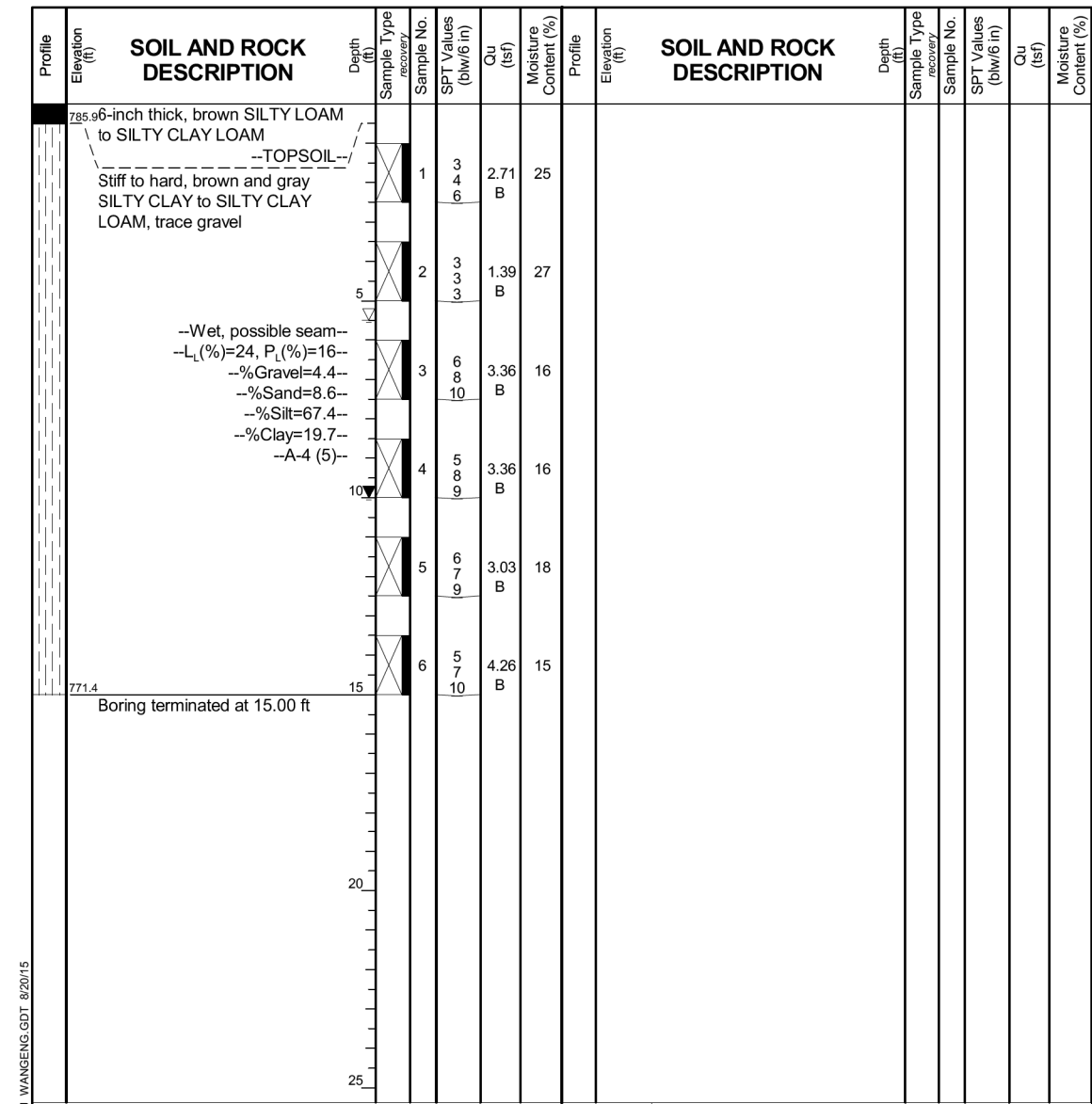
GENERAL NOTES			WATER LEVEL DATA		
Begin Drilling	07-14-2015	Complete Drilling	07-14-2015	While Drilling	9.50 ft
Drilling Contractor	Wang Engineering Inc.	Drill Rig	D-25 ATV	At Completion of Drilling	DRY
Driller	R&K	Logger	A. Tomaras	Checked by	B. Wilson
Drilling Method	2.25" IDA HSA, 2.5' interval to end of boring, boring backfilled upon completion				
			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.		

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BORING LOG DPB-04
 WEI Job No.: 708-04-02
 Client: **Thomas Engineering Group**
 Project: **Fabyan Parkway/Kirk Road Phase II**
 Location: **Batavia, IL**

Datum: NGVD
 Elevation: 786.42 ft
 North: 1893582.00 ft
 East: 999024.00 ft
 Station: 219+53.43
 Offset: 106.28 RT

Page 1 of 1



GENERAL NOTES			WATER LEVEL DATA		
Begin Drilling	07-14-2015	Complete Drilling	07-14-2015	While Drilling	5.50 ft
Drilling Contractor	Wang Engineering Inc.	Drill Rig	D-25 ATV	At Completion of Drilling	10.00 ft
Driller	R&K	Logger	A. Tomaras	Checked by	B. Wilson
Drilling Method	2.25" IDA HSA, 2.5' interval to end of boring, boring backfilled upon completion				
			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.		

FILE NAME = sht-blog.dgn



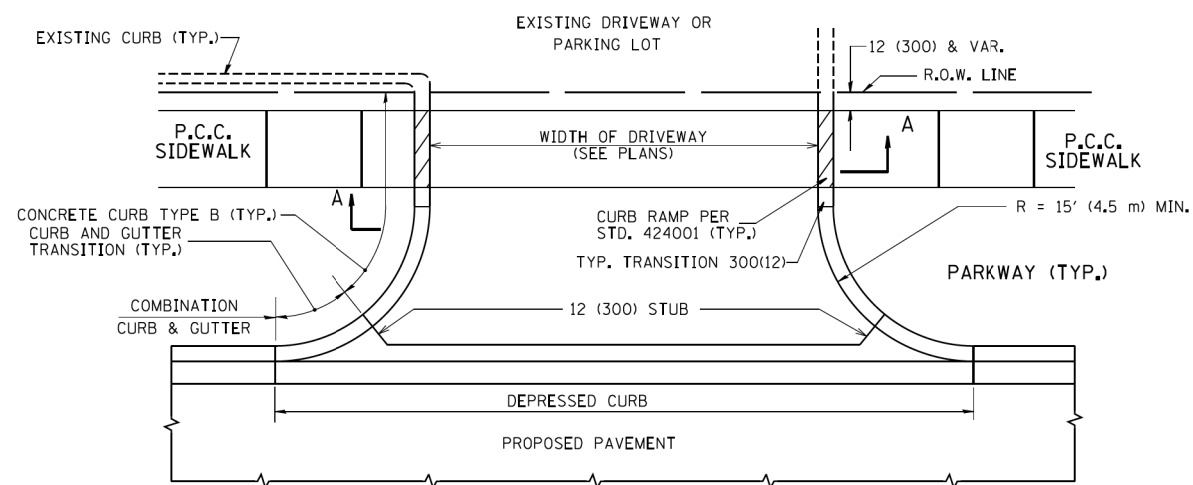
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PLOT SCALE = 2.0000' / in.	DRAWN - JBH	REVISED -
PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

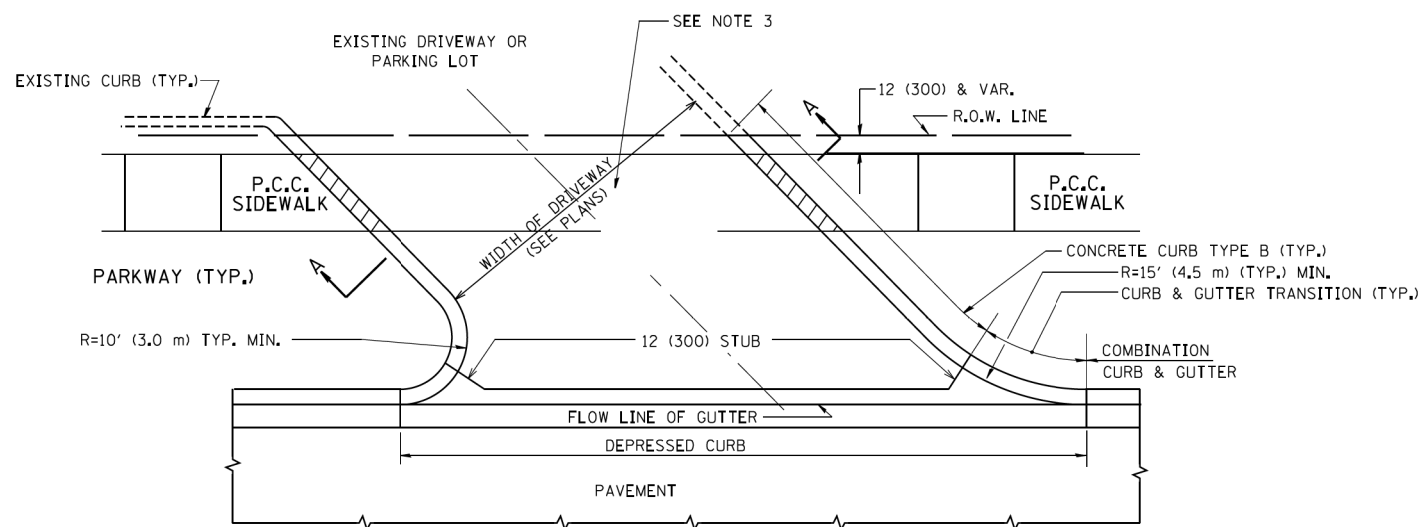
SOIL BORING LOGS

SCALE: NTS SHEET 16 OF 16 SHEETS STA. TO STA.

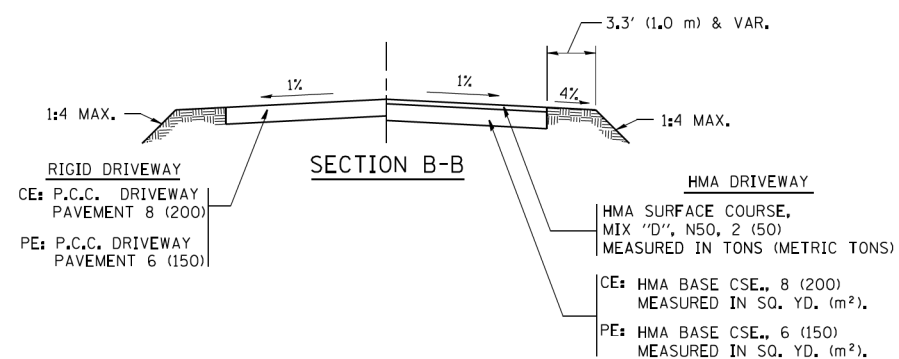
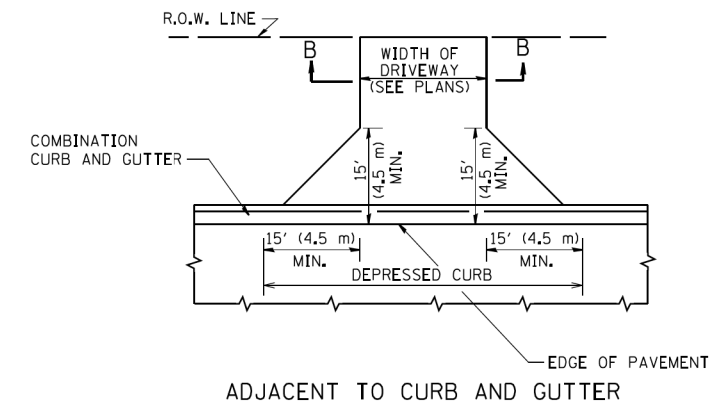
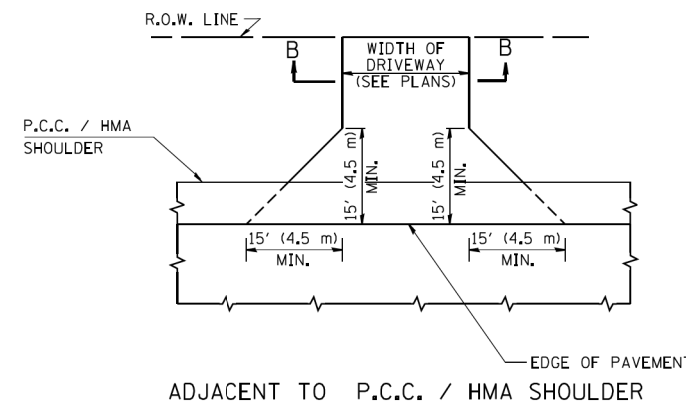
F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 233
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)
 HMA SURFACE COURSE,
 MIX 'D', N50, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 AGGREGATE BASE CSE., TYPE B, 8 (200)
 MEASURED IN SQ. YD. (m²).

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 ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

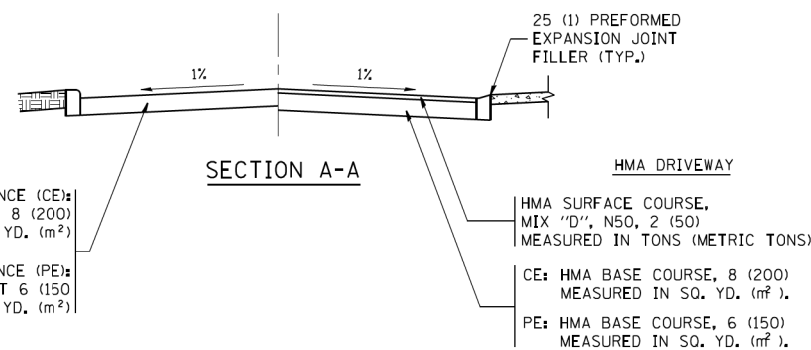
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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.

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.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



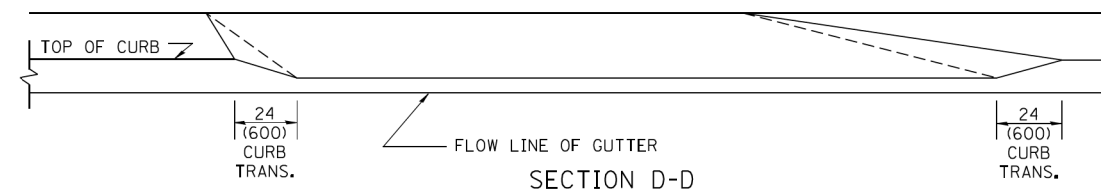
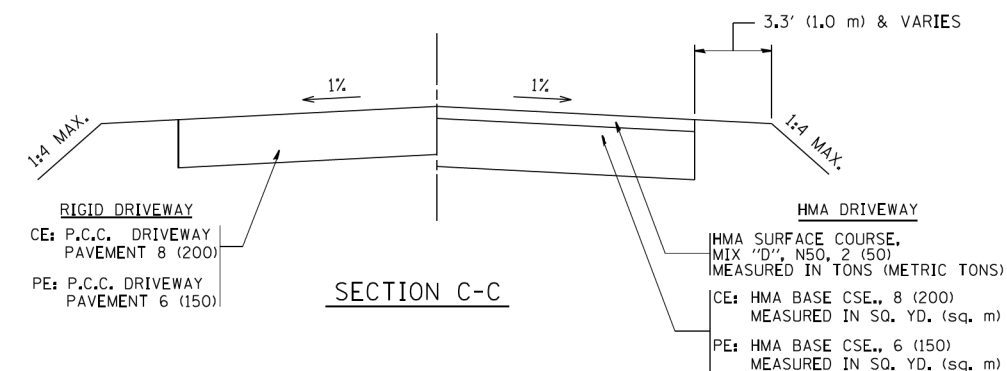
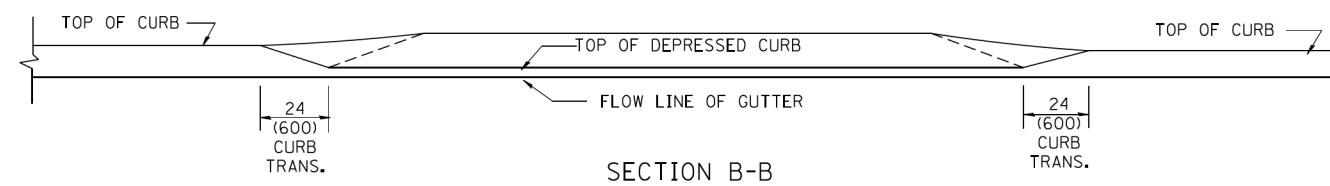
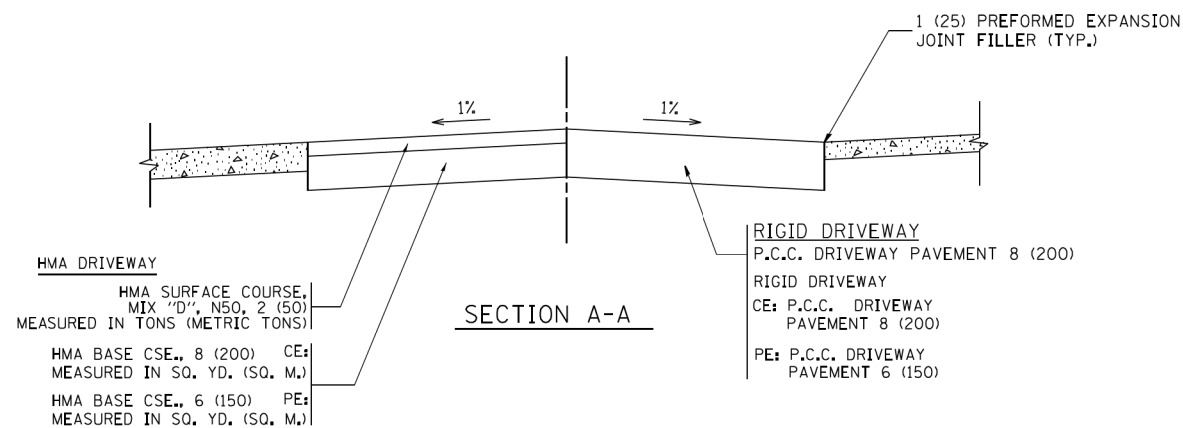
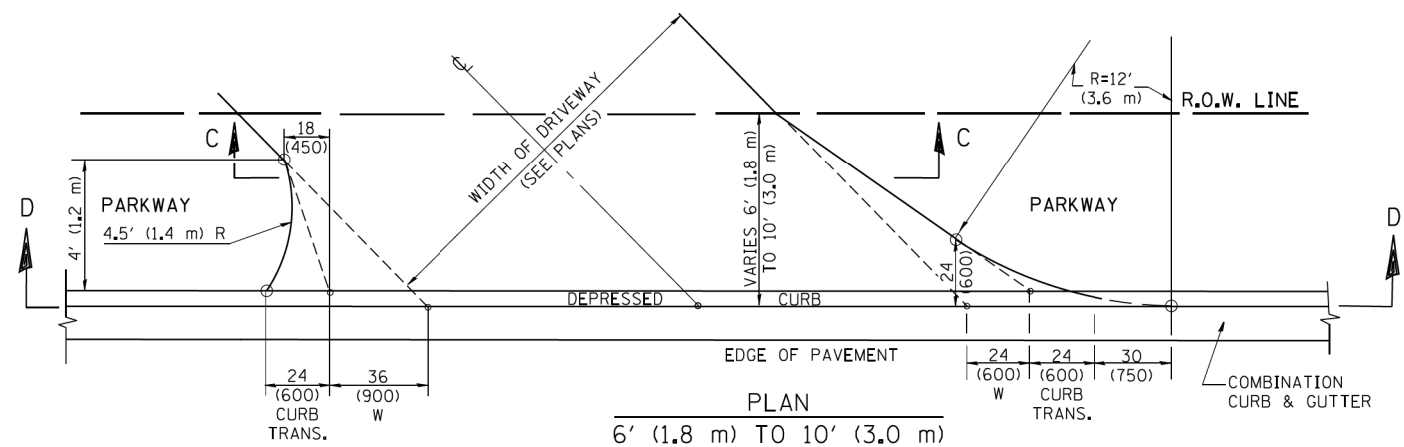
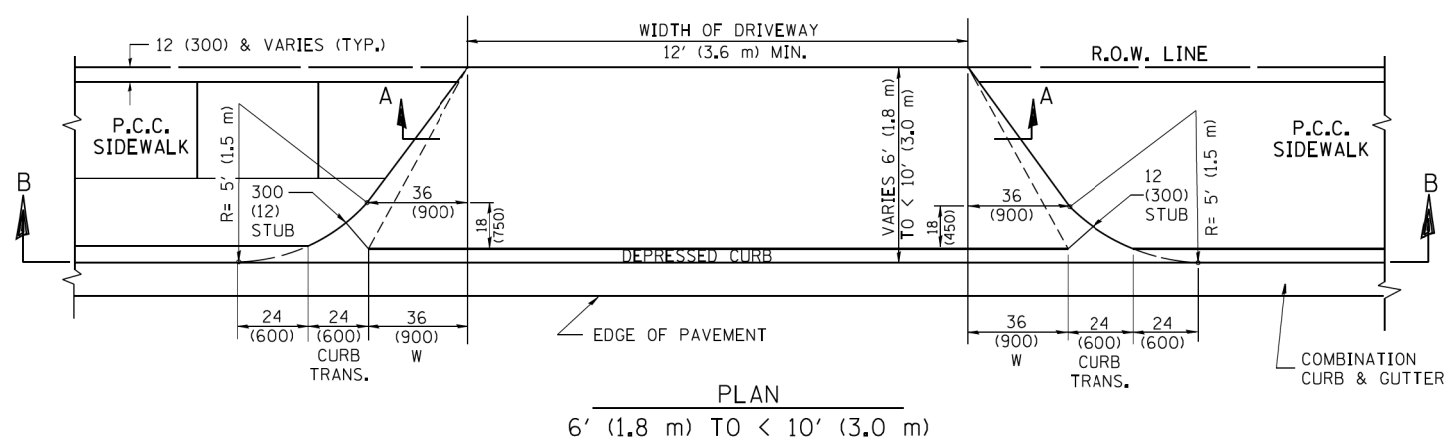
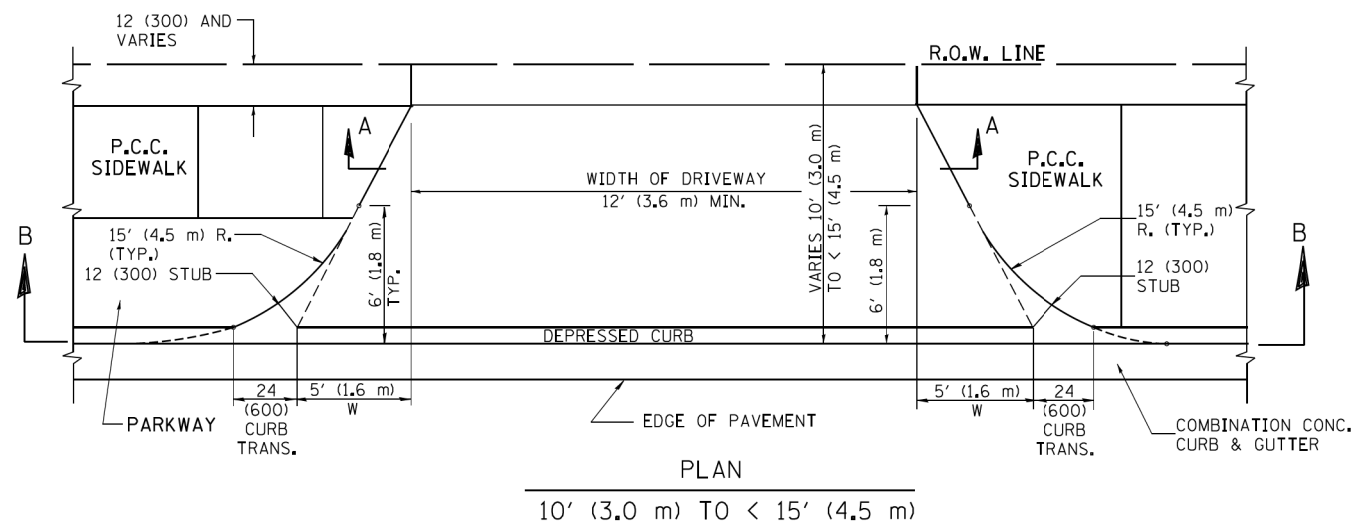
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		CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 234
BD0156-07 (BD-01)		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 8' (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).

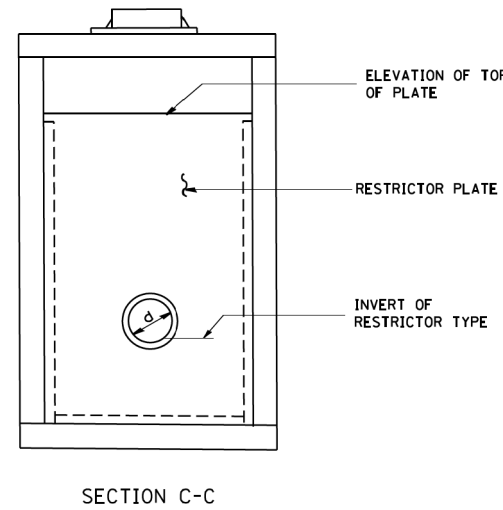
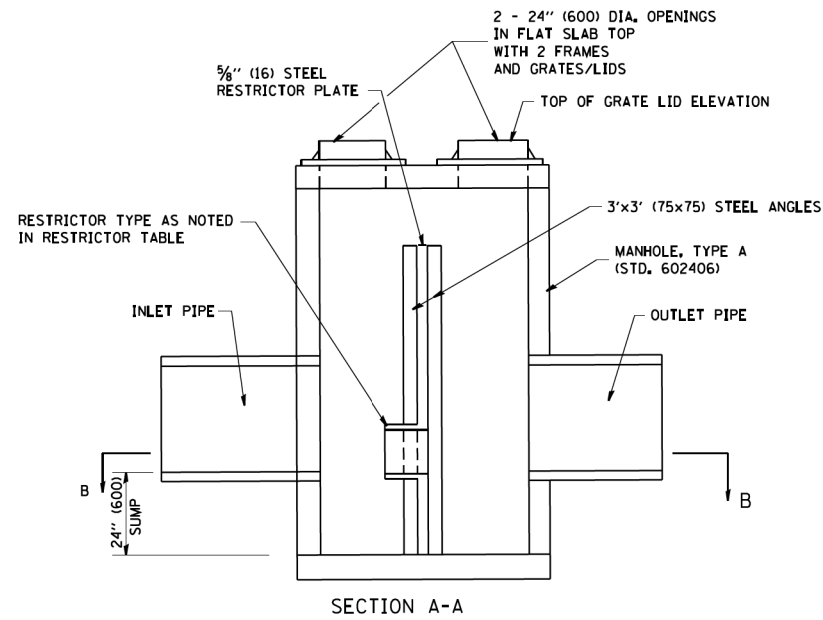
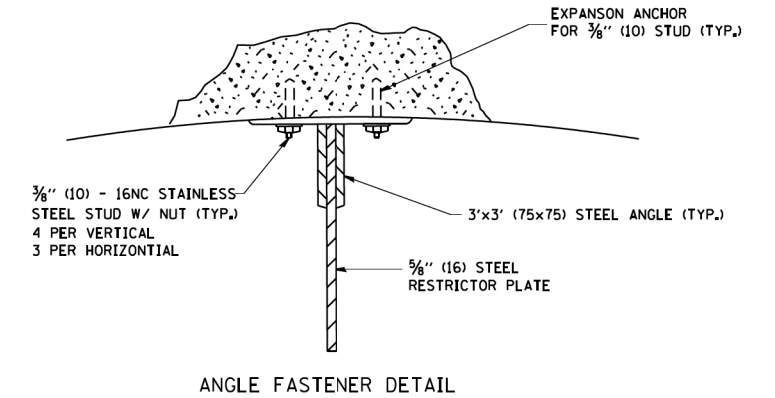
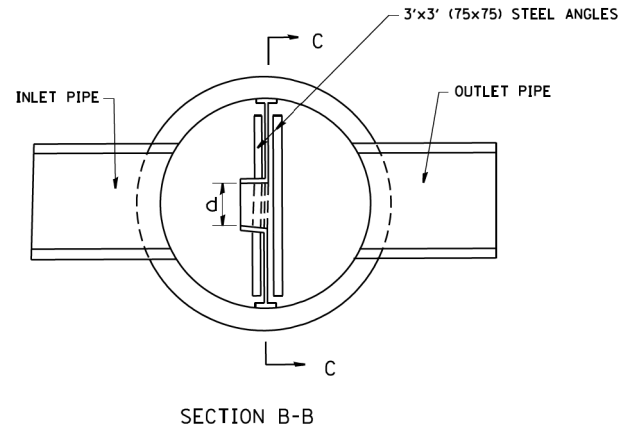
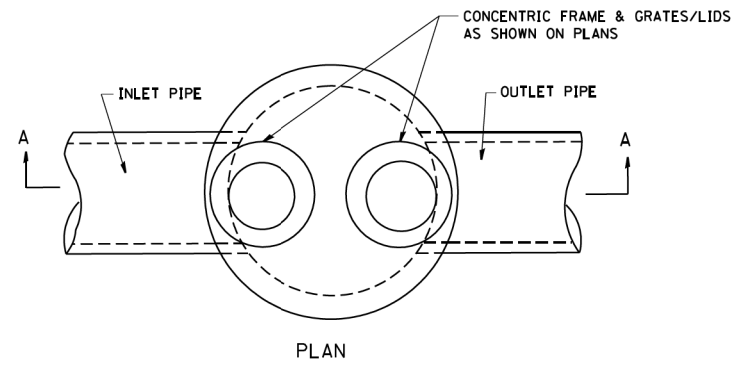
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

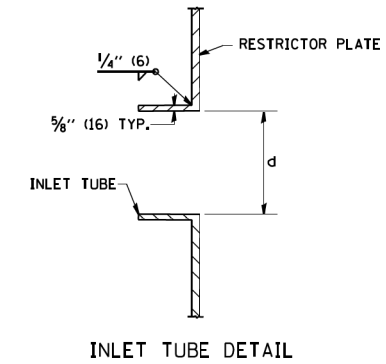
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

FILE NAME = sht-details-district.dgn	USER NAME = lryse	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-05-01
		DRAWN -	REVISED - P. LOFLEUR 04-15-03
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/28/2011	DATE - 11-06-95	REVISED - R. BORO 09-06-11

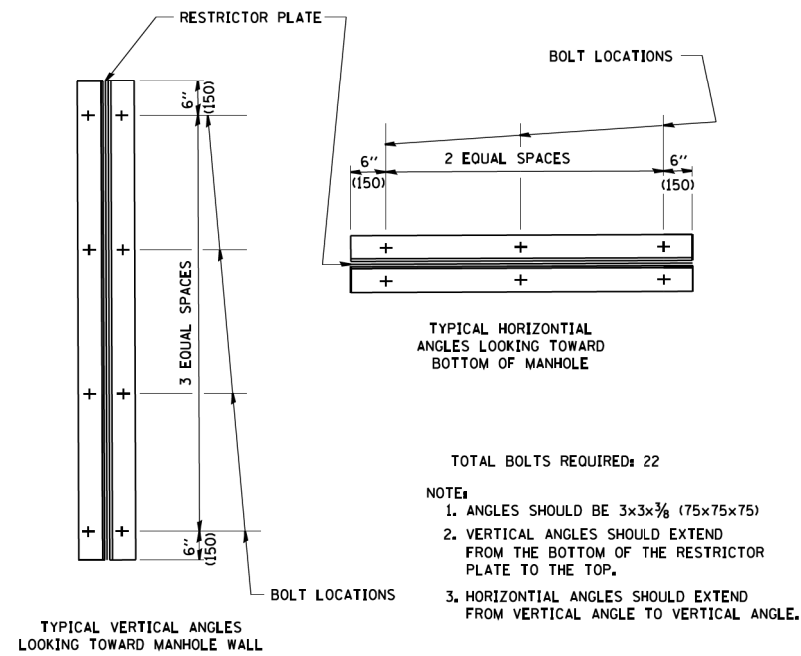
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			BD400-02 (BD-02)		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



- 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



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
58+00.00	6'	2 TY 1, CL	TYPE 2	7.00"	753.25	758.00
238+62.90	6'	2 TY 1, CL	TYPE 2	6.00"	781.15	784.00
221+70.00	6'	2 TY 1, CL	TYPE 2	4.30"	784.83	789.00



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					

FILE NAME = sht-details-district.dgn

FILE NAME = sht-details-district.dgn	USER NAME = geglennob	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - E. GOMEZ 08-28-00
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-08-01
	PLOT DATE = 1/4/2008	DATE - 09-09-94	REVISED -

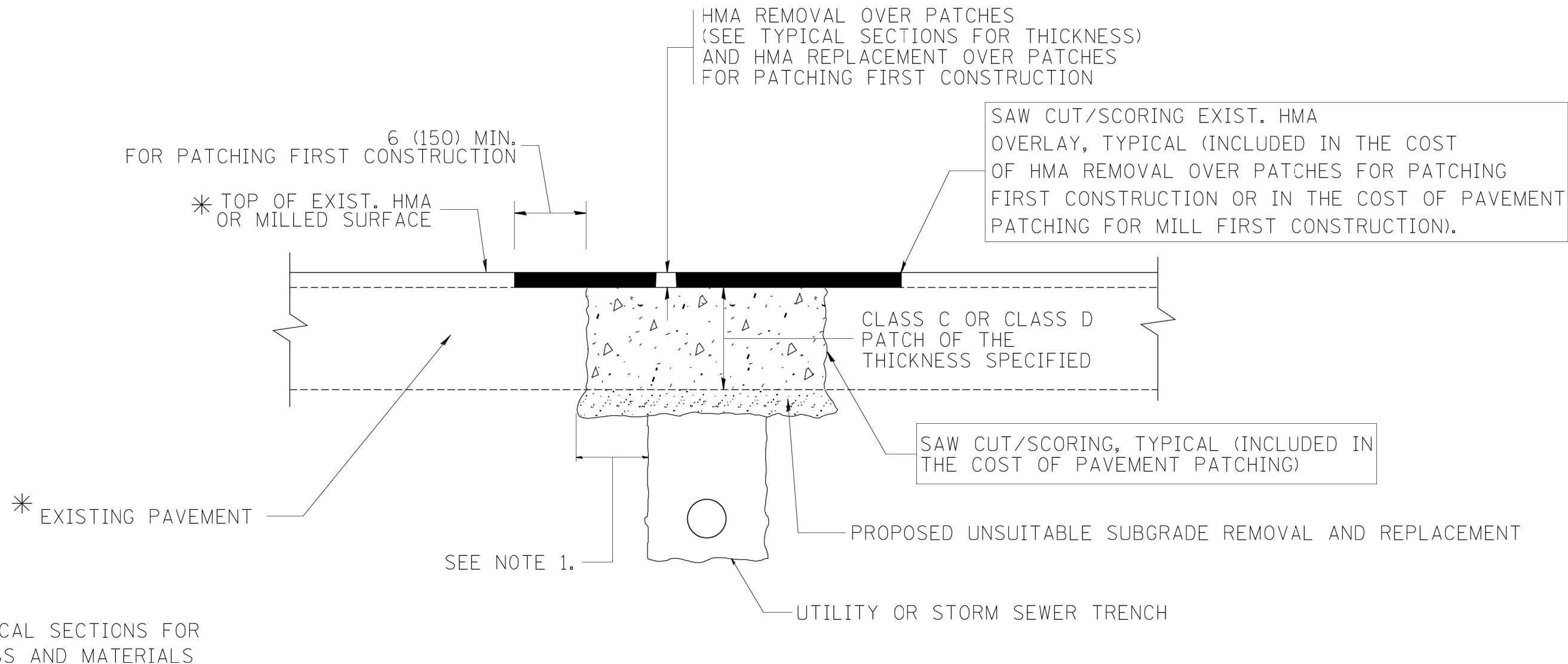
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH
RESTRICTOR PLATE

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

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

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 236
BD600-04 (BD-12)		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

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		DRAWN -	REVISED - R. BORO 01-01-07
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

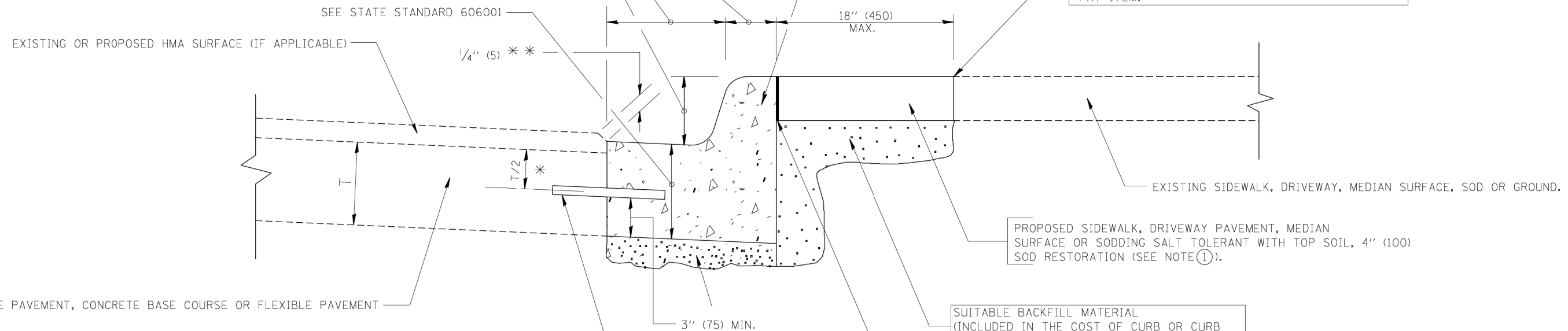
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F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 237
BD400-04 (BD-22)			CONTRACT NO. 61E97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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



EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY. SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

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

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

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

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

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

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

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

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

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

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

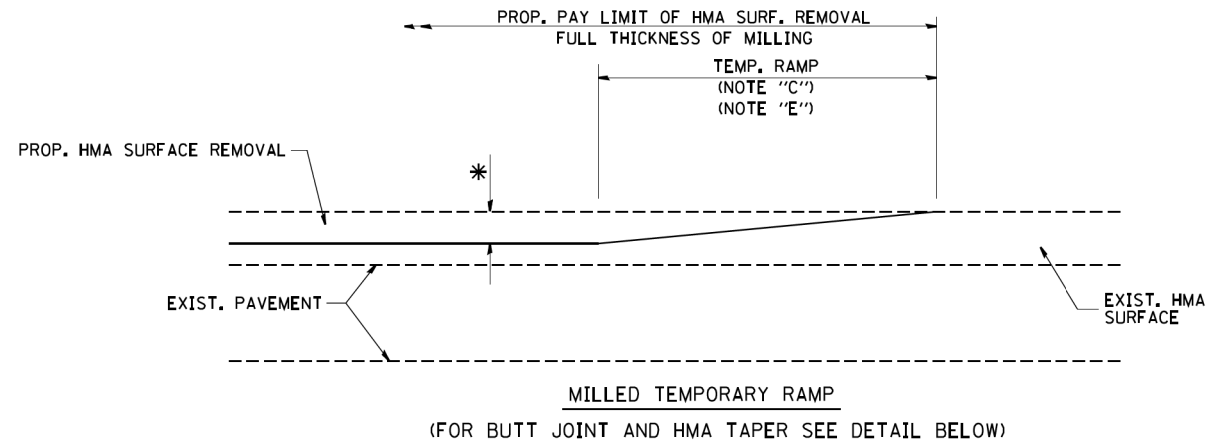
BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

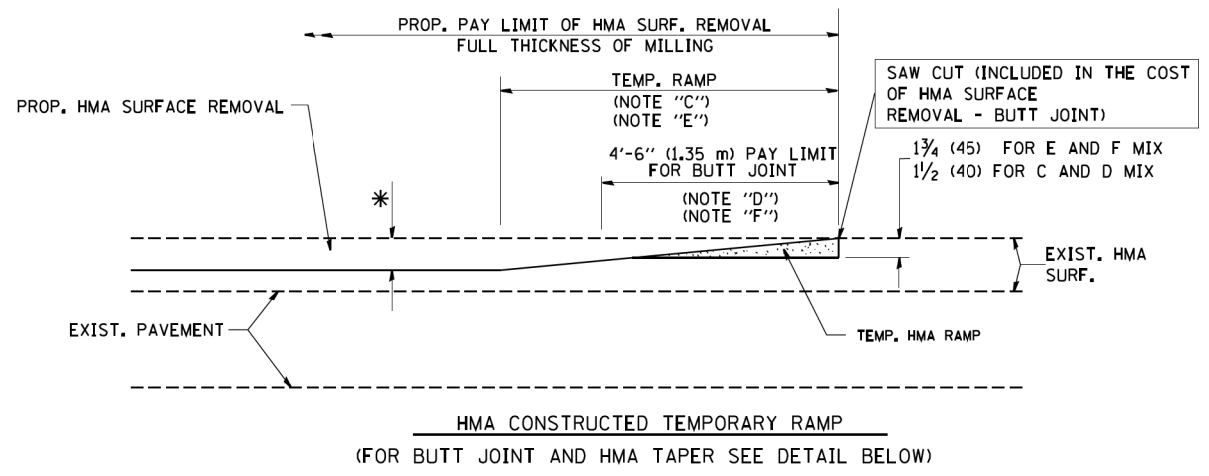
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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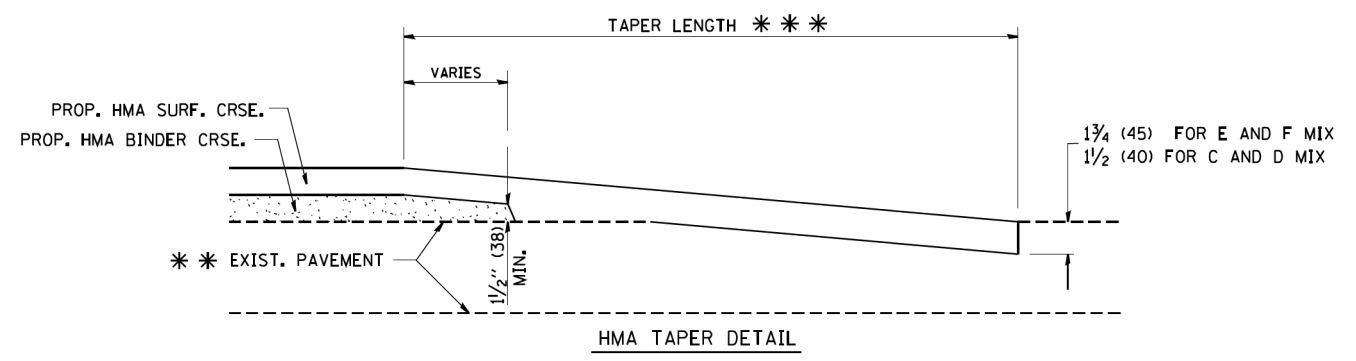
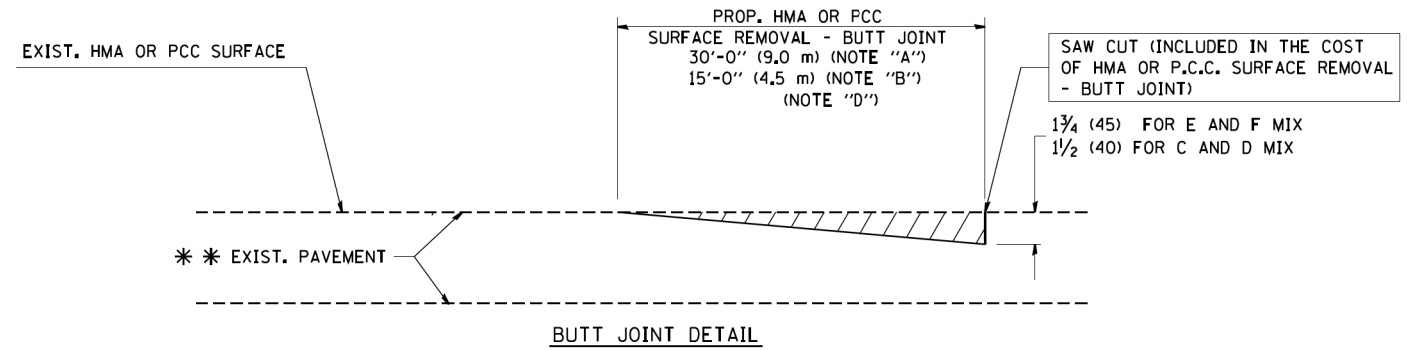
FILE NAME =	USER NAME = drivkosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\drivkosgn\d0108315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97			363/360	11-00201-04-CH	KANE	410	238
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01				BD600-06 (BD-24)		CONTRACT NO. 61E97		
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

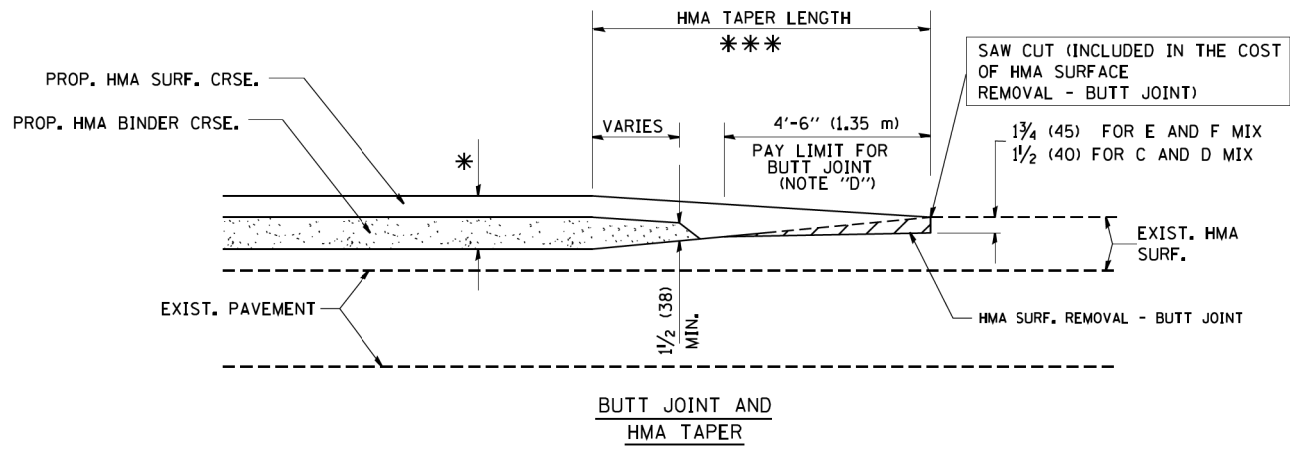
NOTES

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

BASIS OF PAYMENT:

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

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

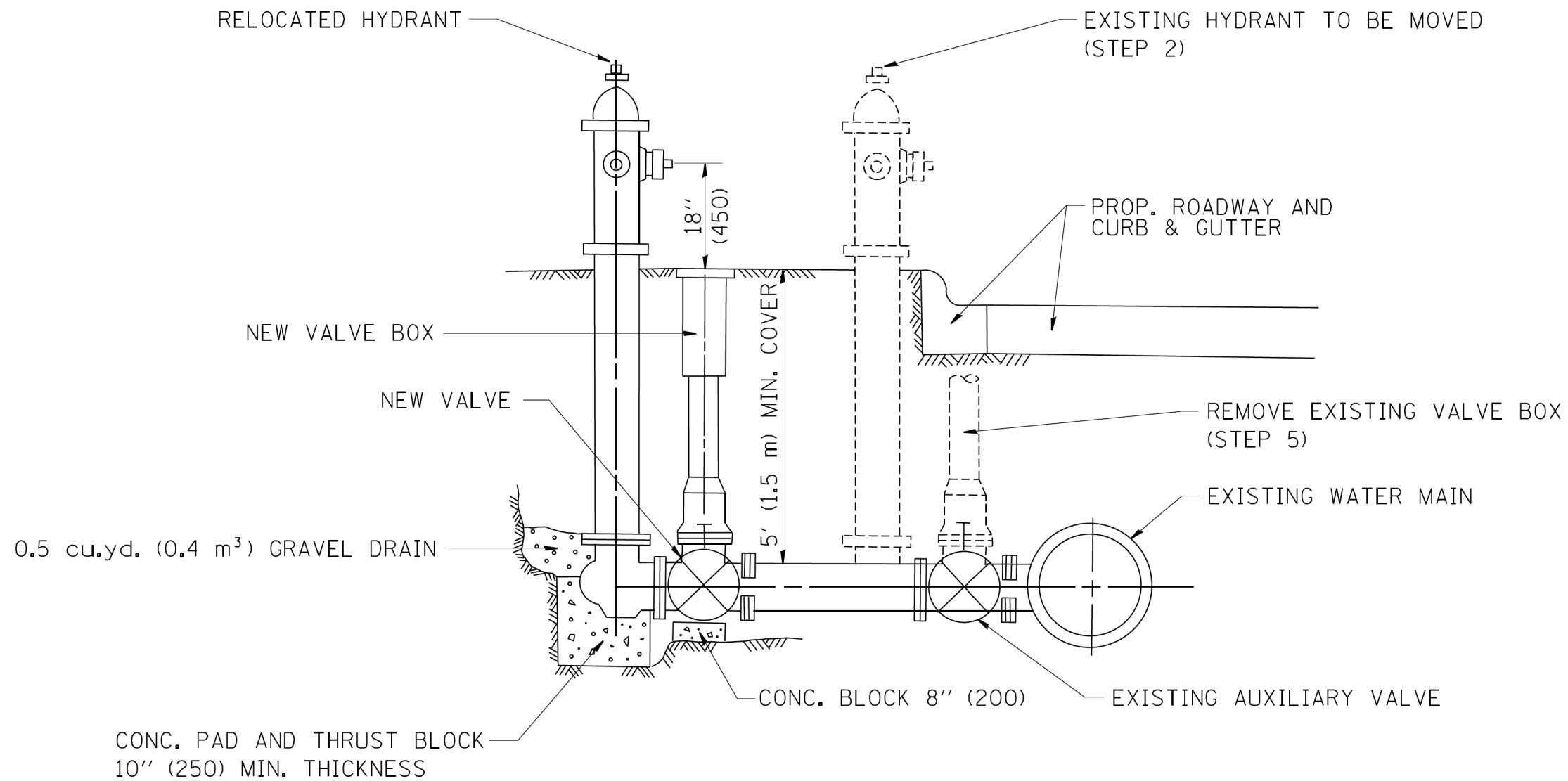
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 239
BD400-05 BD32		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

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

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

FIRE HYDRANT TO BE MOVED

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

FILE NAME = sht-details-district.dgn

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		DRAWN -	REVISED - R. SHAH 10-25-94
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIRE HYDRANT TO BE MOVED			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 240
BD-36		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

ALTERNATE MATERIAL FOR THE WALLS MAY BE CONCRETE MASONRY UNITS, PRECAST REINFORCED CONCRETE SECTIONS OR CAST-IN-PLACE CONCRETE. THE CAST IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN MAY BE USED WHEN APPROVED BY THE ENGINEER.

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

STEPS SHALL BE EMBEDDED INTO THE WALL A MINIMUM OF THREE (3) INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE.

STEPS SHALL BE OMITTED FOR WORK IN COOK COUNTY WHEN THE DEPTH OF THE MANHOLE IS TEN (10') OR LESS.

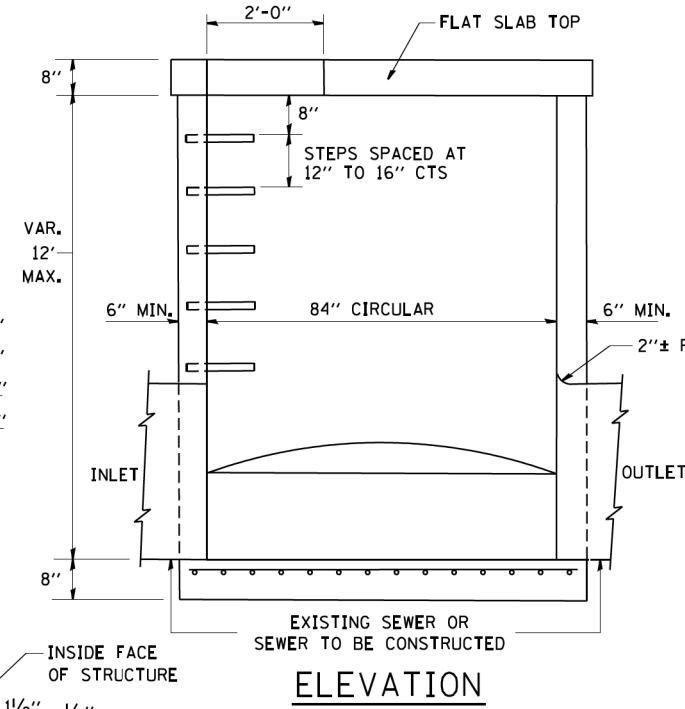
IN ADDITION TO THE REQUIREMENTS OF ARTICLE 612.13 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR MANHOLES, TYPE A, 7'-DIAMETER SHALL INCLUDE THE SAND CUSHION WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL, AND FURNISHING AND INSTALLING FLAT SLAB TOP.

PRECAST FLAT SLAB TOP SHALL CONFORM TO ARTICLES 505.01 THRU 505.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS. REINFORCEMENT BARS AND WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.10. ONLY GRADE 60 REINFORCEMENT BARS WILL BE PERMITTED.

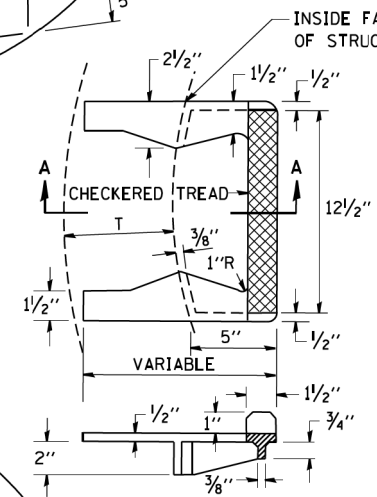
BOTTOM SLAB SHALL BE REINFORCED BY EITHER REINFORCEMENT BARS OR WELDED WIRE FABRIC. THE MINIMUM REINFORCEMENT SHALL BE 0.46 SQUARE INCH PER LINEAR FOOT IN BOTH DIRECTIONS.

JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER DETAIL.

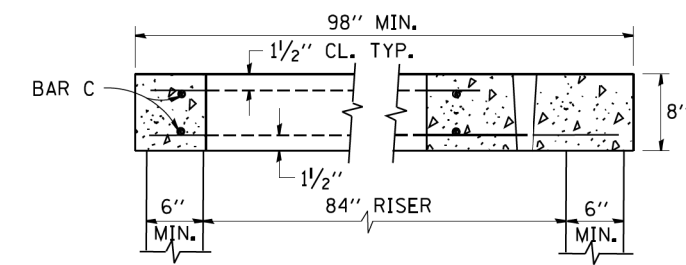
LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.



ELEVATION

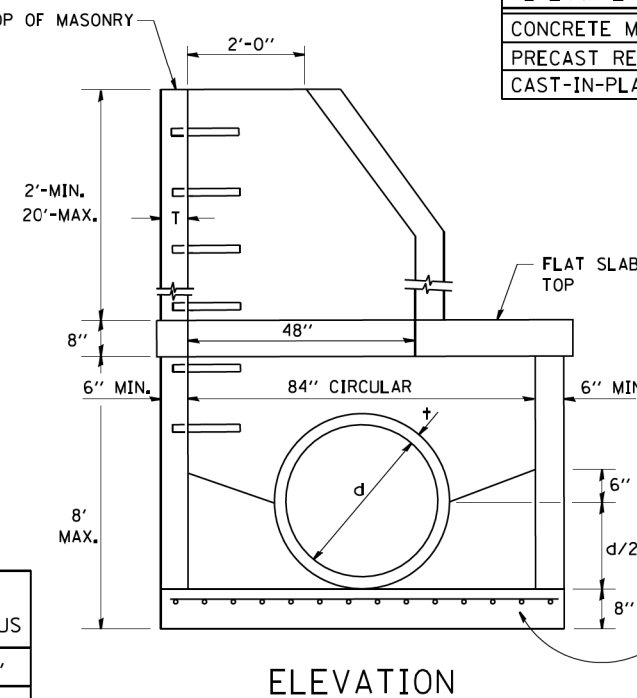


**SEC. A-A
CAST IRON STEPS**

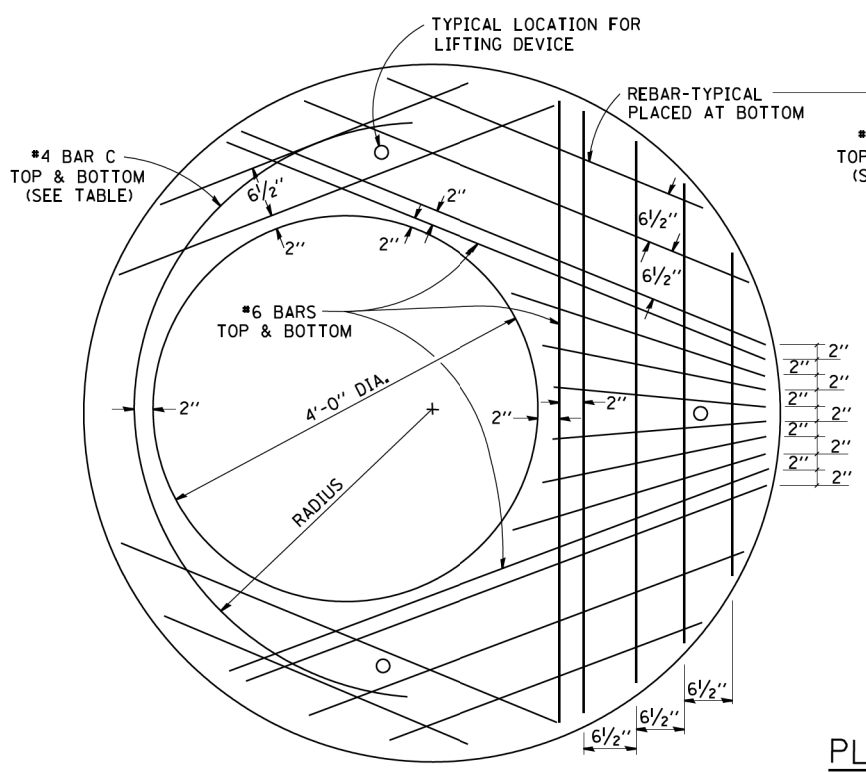
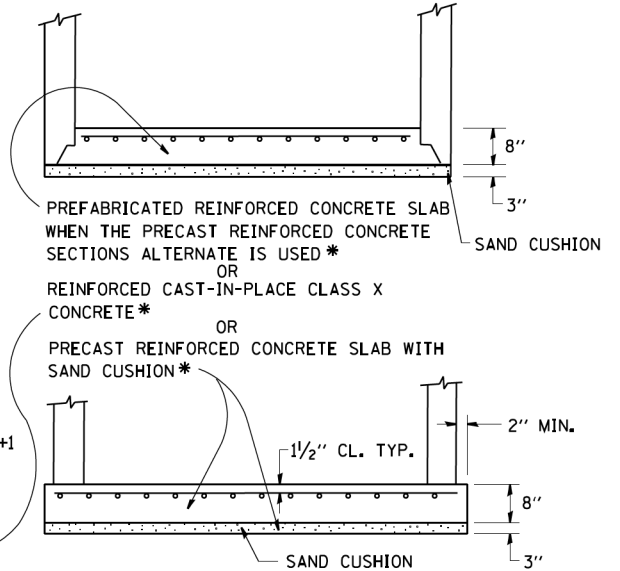


SECTION B-B

ALTERNATE MATERIALS FOR RISERS	T (MIN.)
CONCRETE MASONRY UNITS	5"
PRECAST REINFORCED CONCRETE SECTIONS	4"
CAST-IN-PLACE CONCRETE	6"

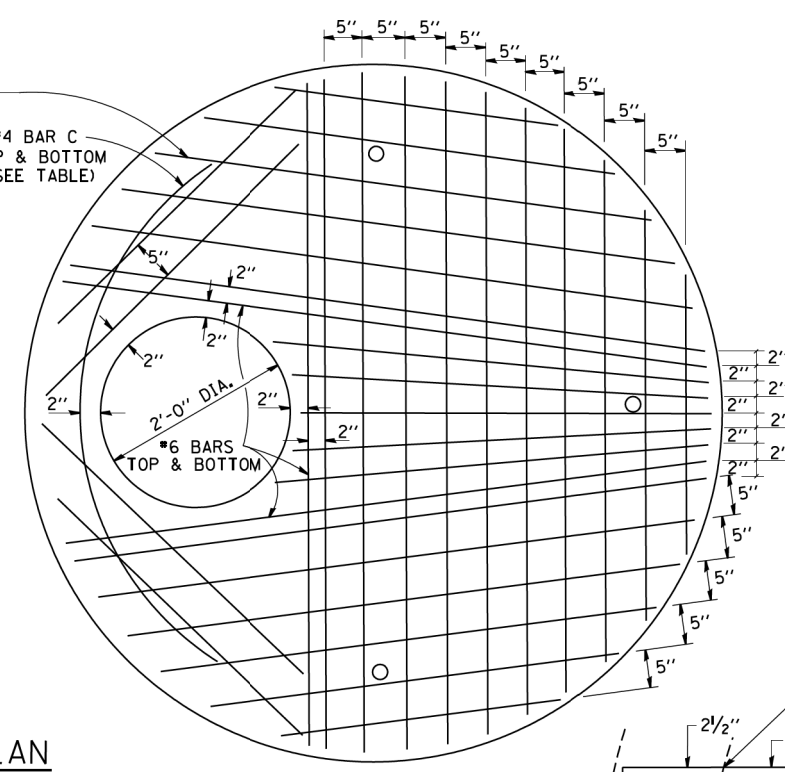


ELEVATION

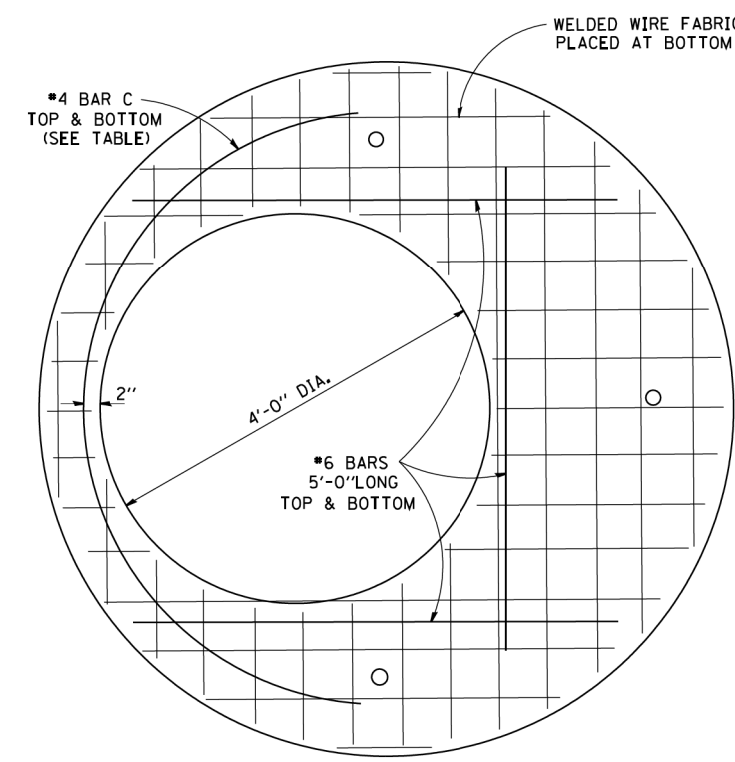


PLAN

SHOWING REBAR REINFORCEMENT



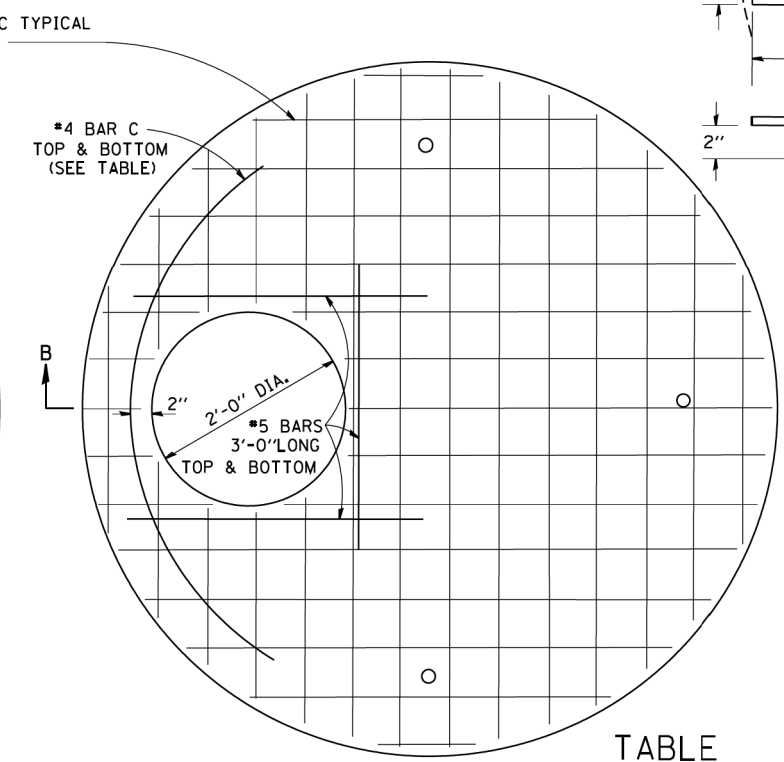
SEC. A-A



PLAN

SHOWING WELDED WIRE FABRIC REINFORCEMENT

NOTE: THIS STRUCTURE SHOULD BE USED WITH PIPES SIZE 54" DIA. OR SMALLER.



TABLE

DIAMETER OF OPENING	REINFORCEMENT "A" WWF OR BAR SIZE EACH DIRECTION	BAR SIZE	BAR C		
			SIZE	LENGTH	RADIUS
2'-0"	1.06 SQ.IN./LIN.FT.	#6	#4	6'-0"	38"
4'-0"	0.82 SQ.IN./LIN.FT.	#6	#4	9'-0"	38"

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MANHOLE TYPE A
7 FOOT DIAMETER**

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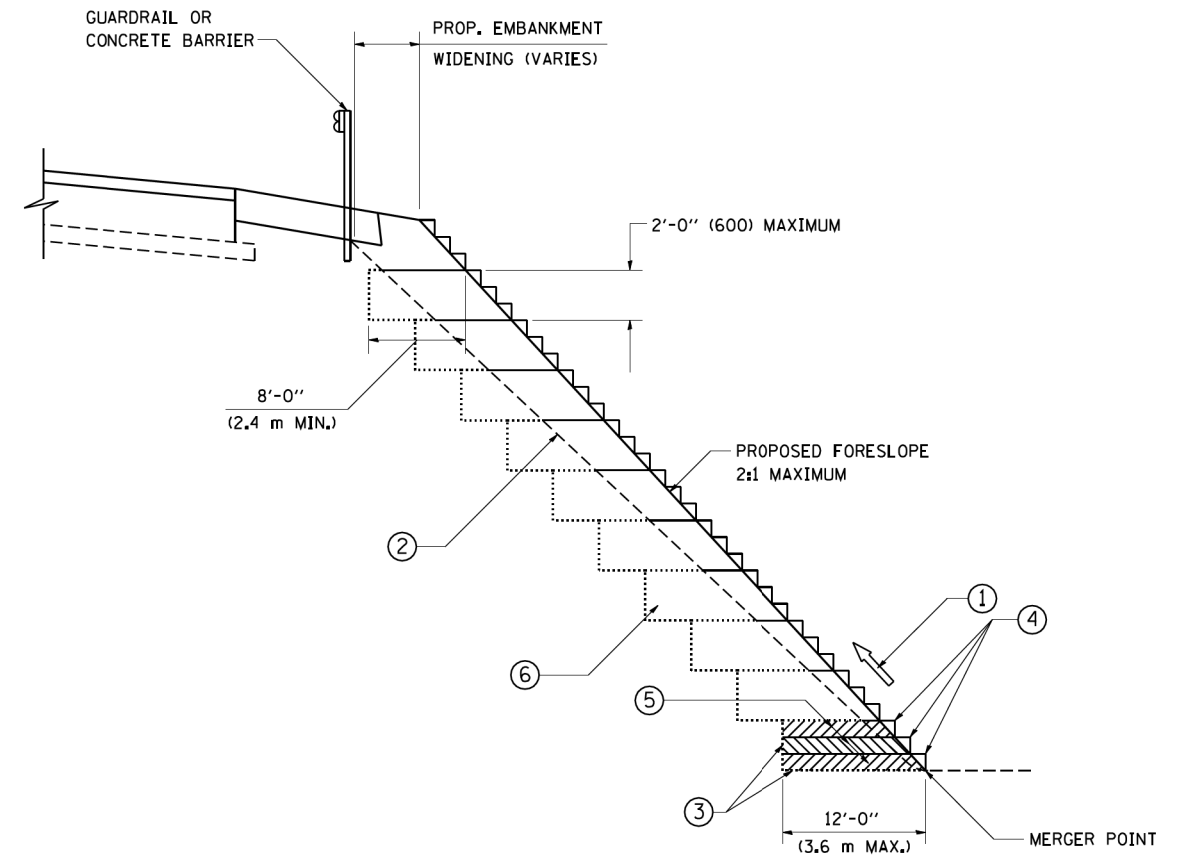
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PLOT DATE = 1/4/2008

DESIGNED -
DRAWN -
CHECKED -
DATE - 10-18-02

REVISED -
REVISED -
REVISED -
REVISED -

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

F.A.P. RTE. 363/360 SECTION 11-00201-04-CH COUNTY KANE TOTAL SHEETS 410 SHEET NO. 241
BD600-11 (BD-37) CONTRACT NO. 61E97
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

FILE NAME = sht-details-district.dgn

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		DRAWN - CADD	REVISED -
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	PLOT DATE = 1/4/2008	DATE - 06-16-04	REVISED -

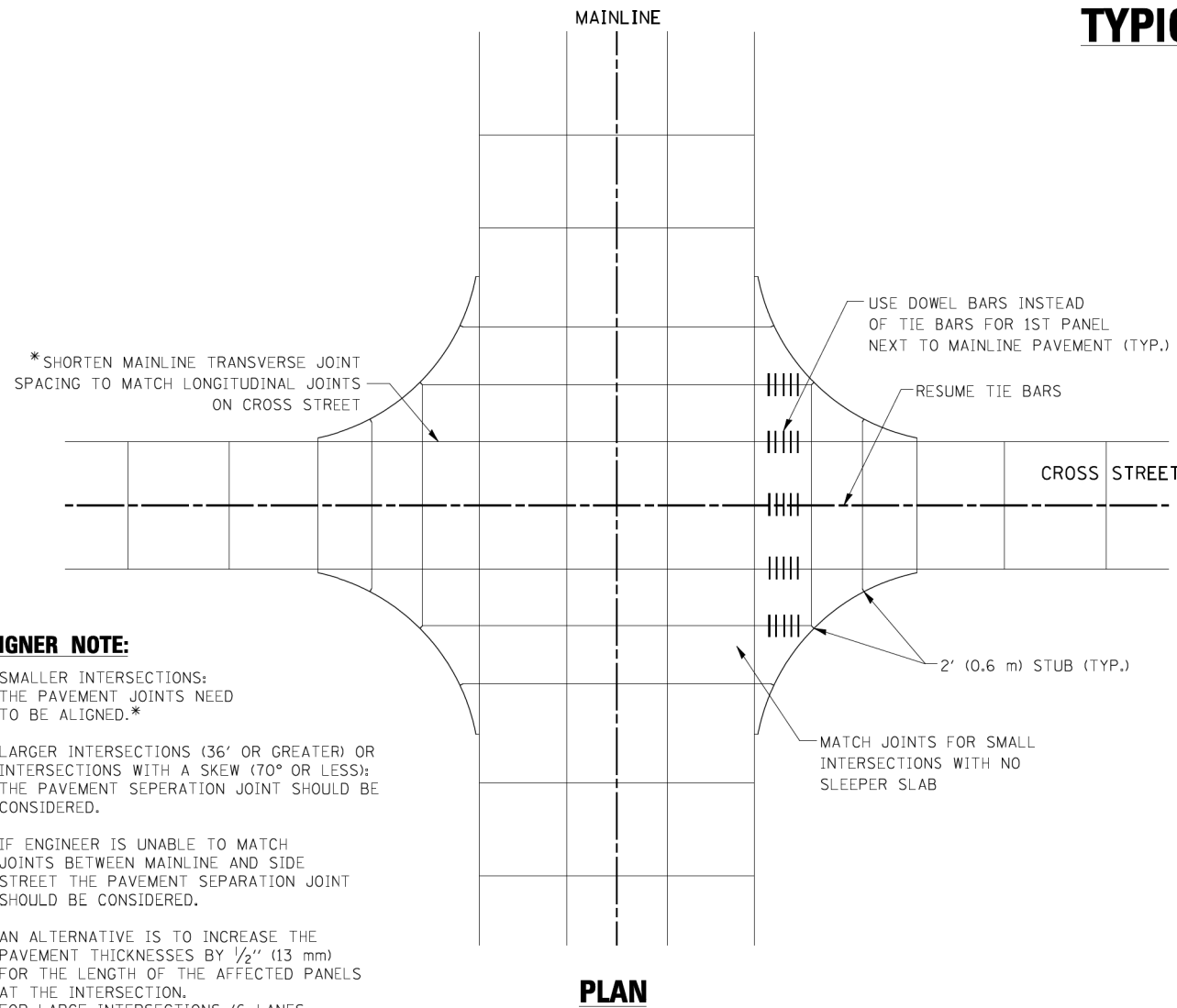
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BENCHING DETAIL FOR EMBANKMENT WIDENING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 242
BD-51			CONTRACT NO. 61E97	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

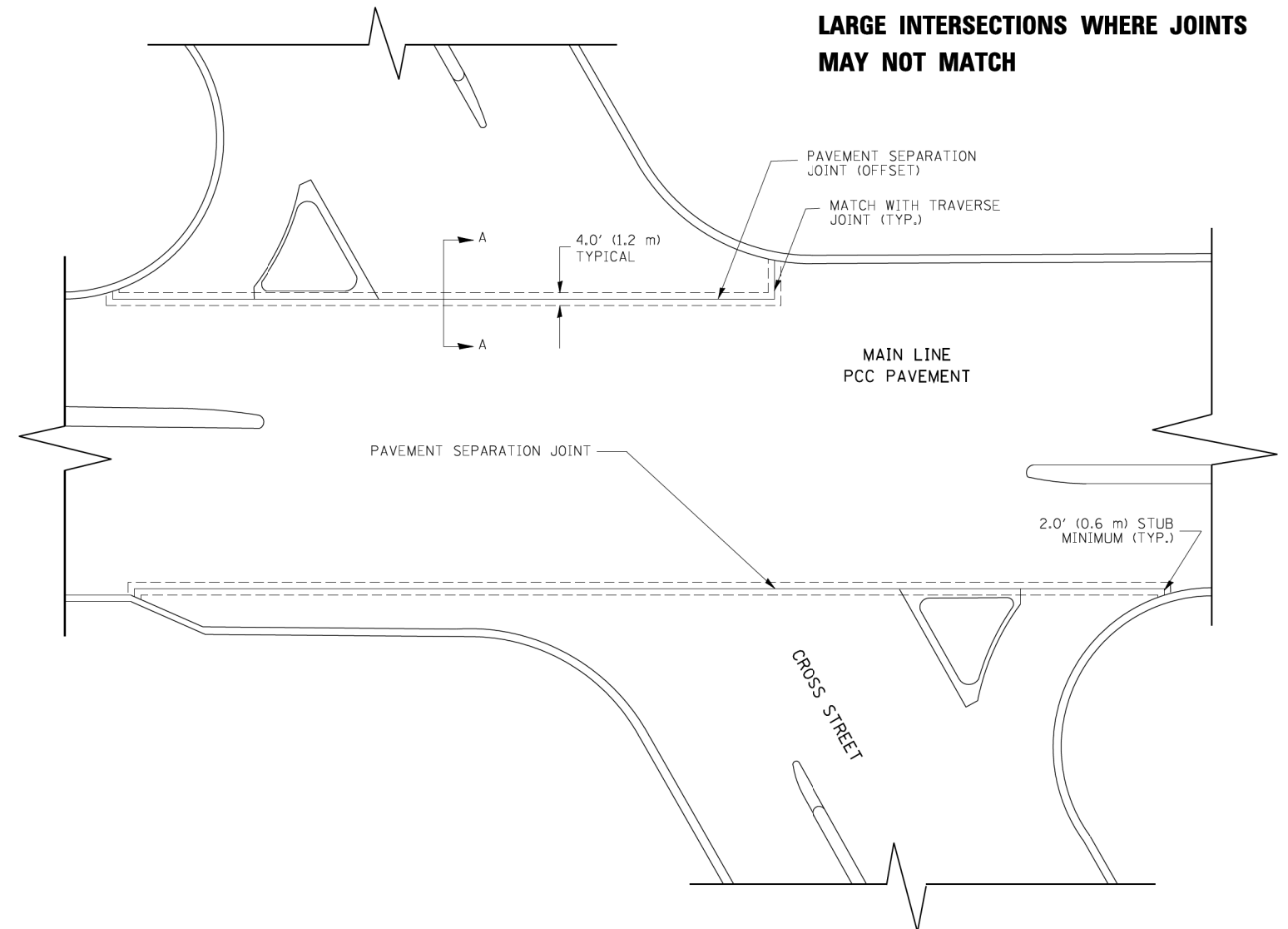
TYPICAL APPLICATION

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



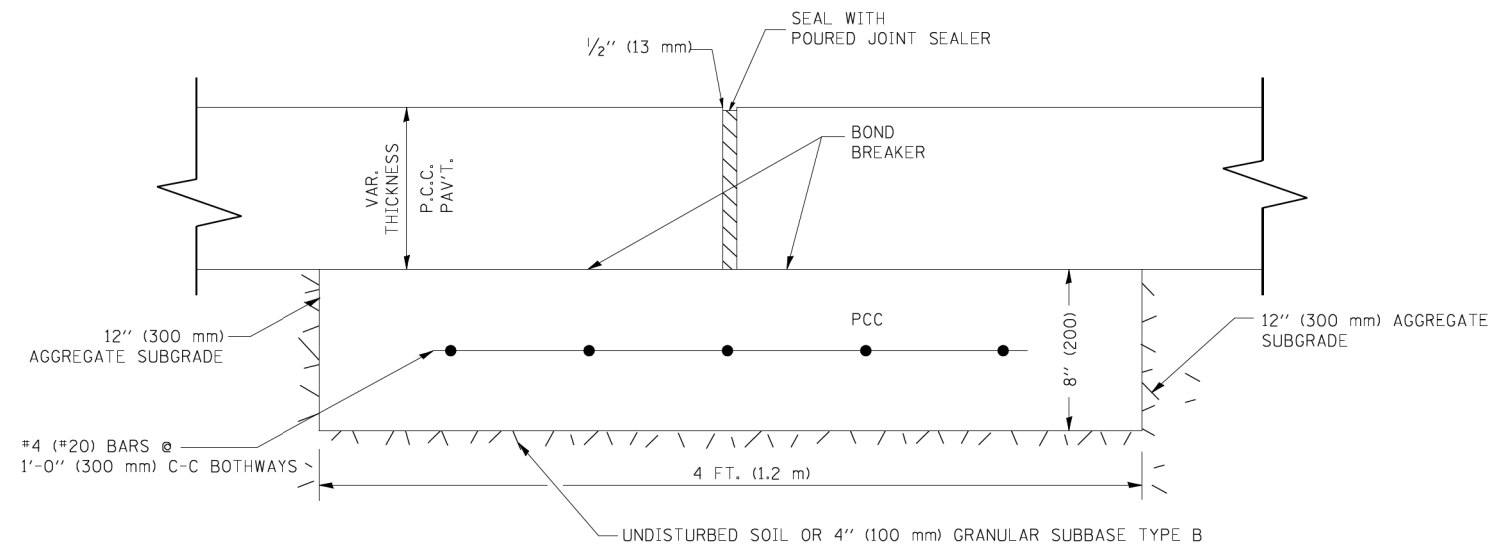
DESIGNER NOTE:

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 SEPERATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPERATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE IS TO INCREASE THE PAVEMENT THICKNESSES BY 1/2" (13 mm) FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION. 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 SEPERATION JOINTS USED.



NOTE:

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" (13 mm) 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.
5. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE BY THE LINEAL FOOT.
6. BOND BREAKER AND 1/2" (13 mm) JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".



PROPOSED SECTION A-A

FILE NAME = sht-details-district.dgn

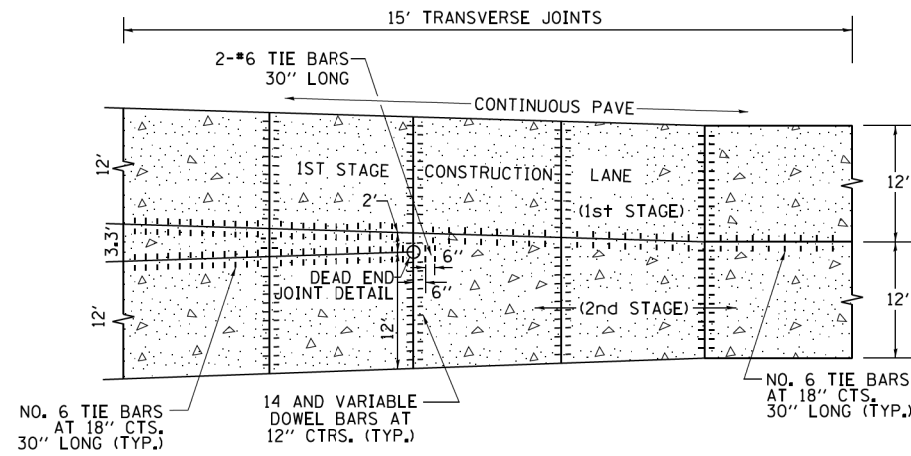
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		DRAWN -	REVISED -
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	PLOT DATE = 2/25/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

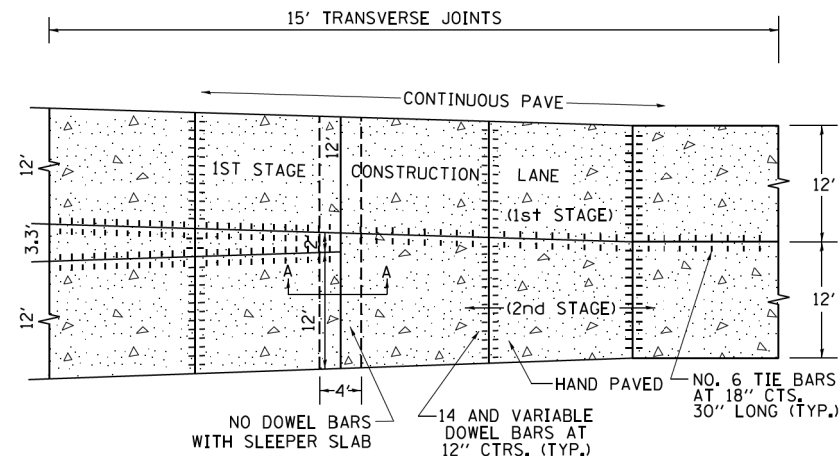
DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 243
BD52		CONTRACT NO. 61E97		
ILLINOIS FED. AID PROJECT				

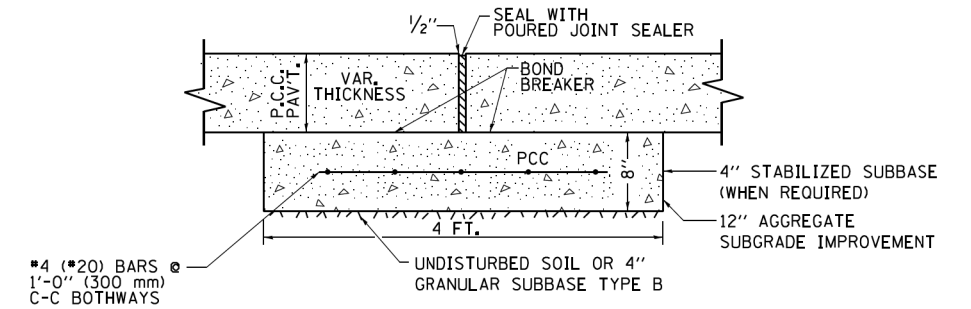
LANE REDUCTION WITH A CONTINUOUS PAVEMENT FOR 1ST STAGE WITH DEAD END JOINT OR SLEEPER SLAB



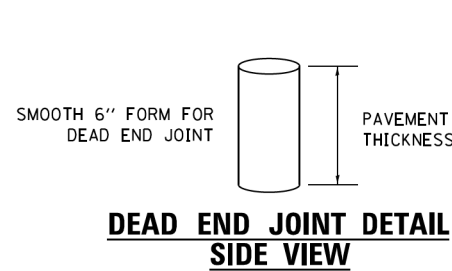
PLAN



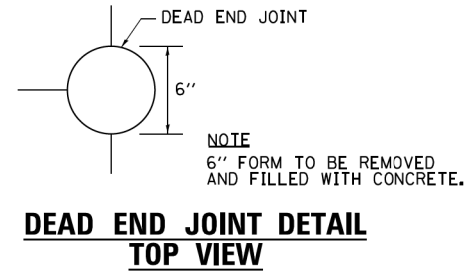
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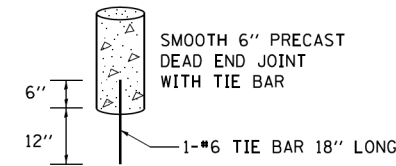
PROPOSED SECTION A-A OF SLEEPER SLAB



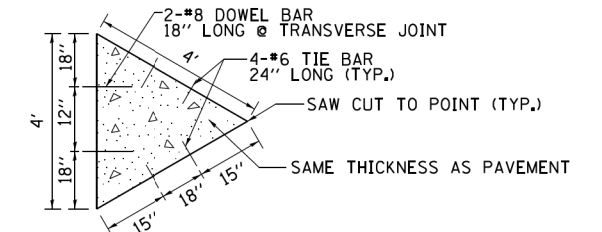
**DEAD END JOINT DETAIL
SIDE VIEW**



**DEAD END JOINT DETAIL
TOP VIEW**

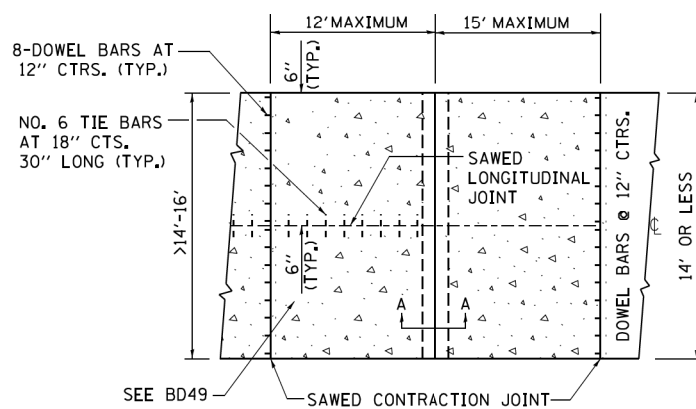


DEAD END JOINT PRECAST DETAIL

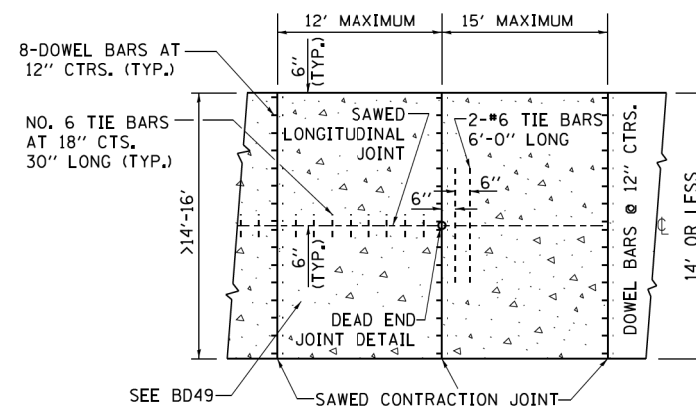


SAW-CUT MERGE DETAIL

TRANSITION DETAILS FOR CENTERLINE SAW CUT FOR DEAD END JOINT OR SLEEPER SLAB FOR VARIABLE JOINTED PCC PAVEMENT FOR LANES OVER 14'

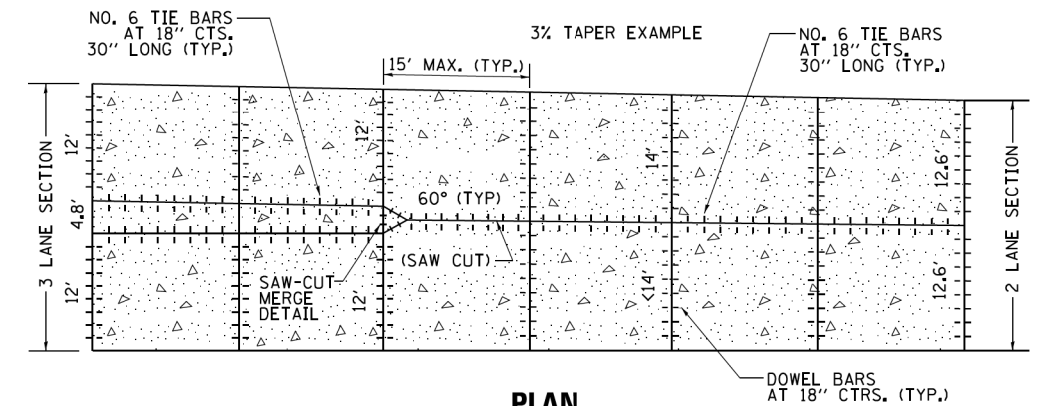


PLAN USING SLEEPER SLAB



PLAN USING DEAD END JOINT

INTERIOR LANE REDUCTION FOR THREE LANE SECTION IN PCC PAVEMENT



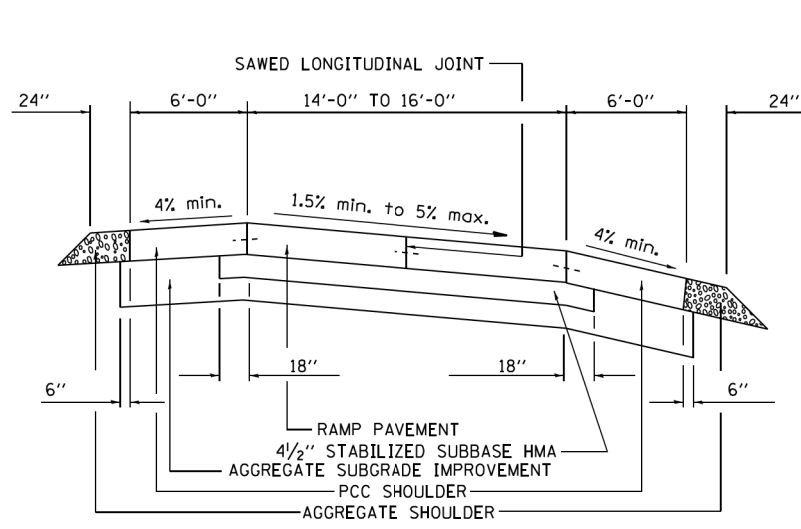
PLAN

NOTES:

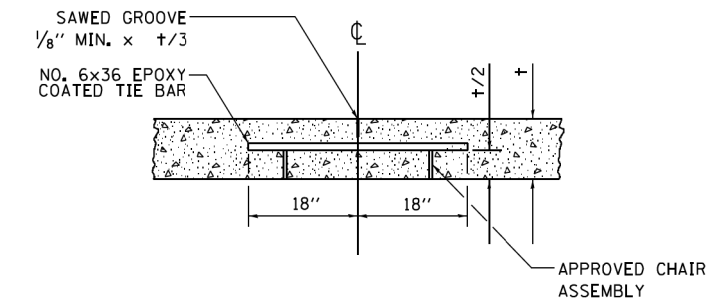
1. SAW-CUT MERGE DETAIL: THE 4' TRIANGLE SECTION COULD BE PRECAST OR CAST INPLACE AND PROPERLY PLACED WITH TIE BARS AND PROPERLY ALIGNED DOWEL BARS.
2. TRANSVERSE JOINT SPACING MAY DECREASE DEPENDING ON PAVEMENT THICKNESS BELOW 9.5". USE FORMULA JOINT SPACING IN (FT) = 2 X PAVEMENT THICKNESS IN (IN)-4.
3. USE SAW-CUT MERGE DETAIL IN SITUATIONS WHERE THERE IS NO STAGING.
4. PRECAST DEAD END JOINT SET IN PLACE WITH DRILLED HOLE INTO SUBBASE/SUBGRADE FOR #6 TIE BAR.
5. DEAD END JOINTS WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PCC PAVEMENT.
6. SLEEPER SLAB WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLEEPER SLAB.

FILE NAME = sht-details-district.dgn

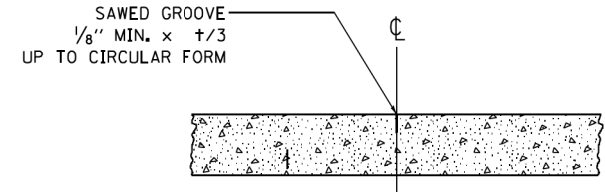
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Default	Plot Scale = 50,0000 / 1 in.	CHECKED - JD	REVISED - CADD 11-02-15		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	BD53 CONTRACT NO. 61E97		
	Plot Date = 11/2/2015	DATE - 03/07/12	REVISED -		ILLINOIS FED. AID PROJECT							



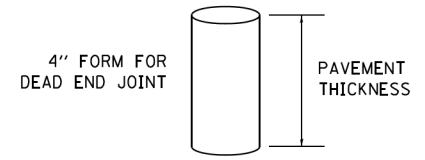
SECTION



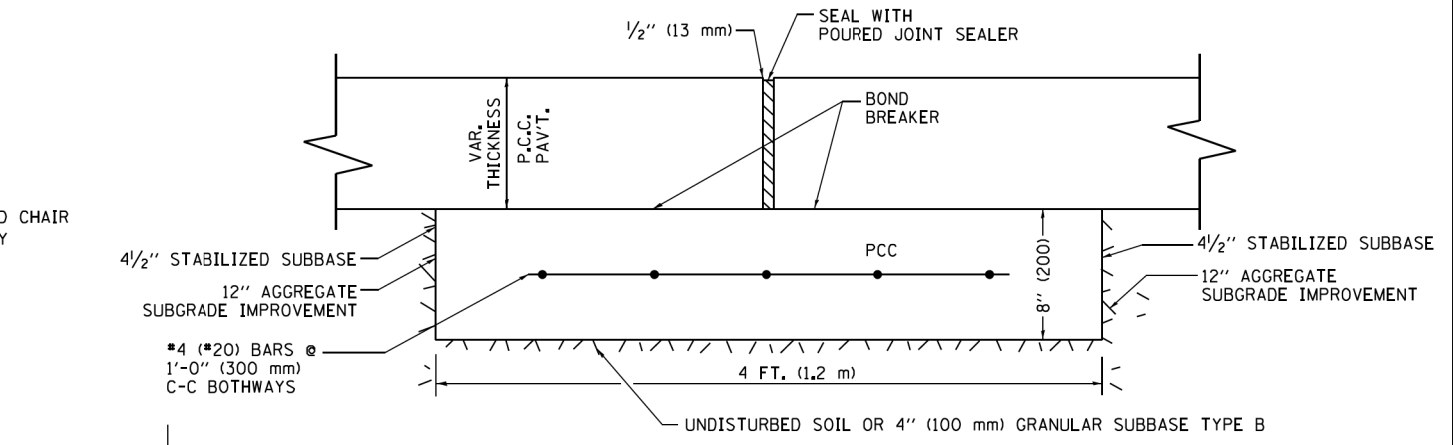
SAWED LONGITUDINAL JOINT



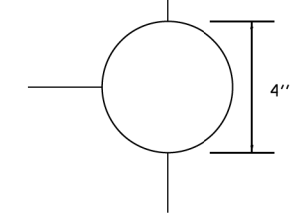
SAWED LONGITUDINAL JOINT



DEAD END JOINT DETAIL

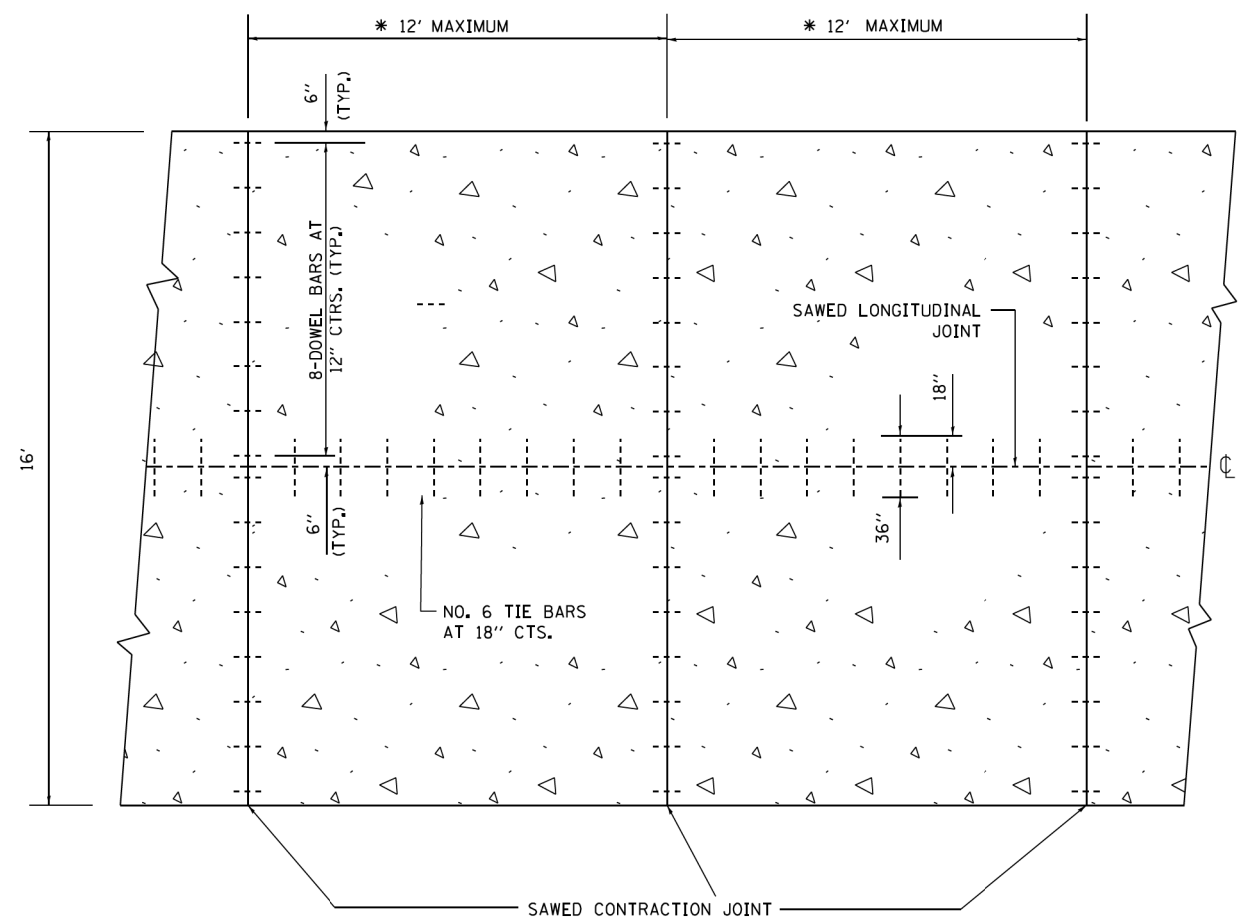


PROPOSED SECTION A-A

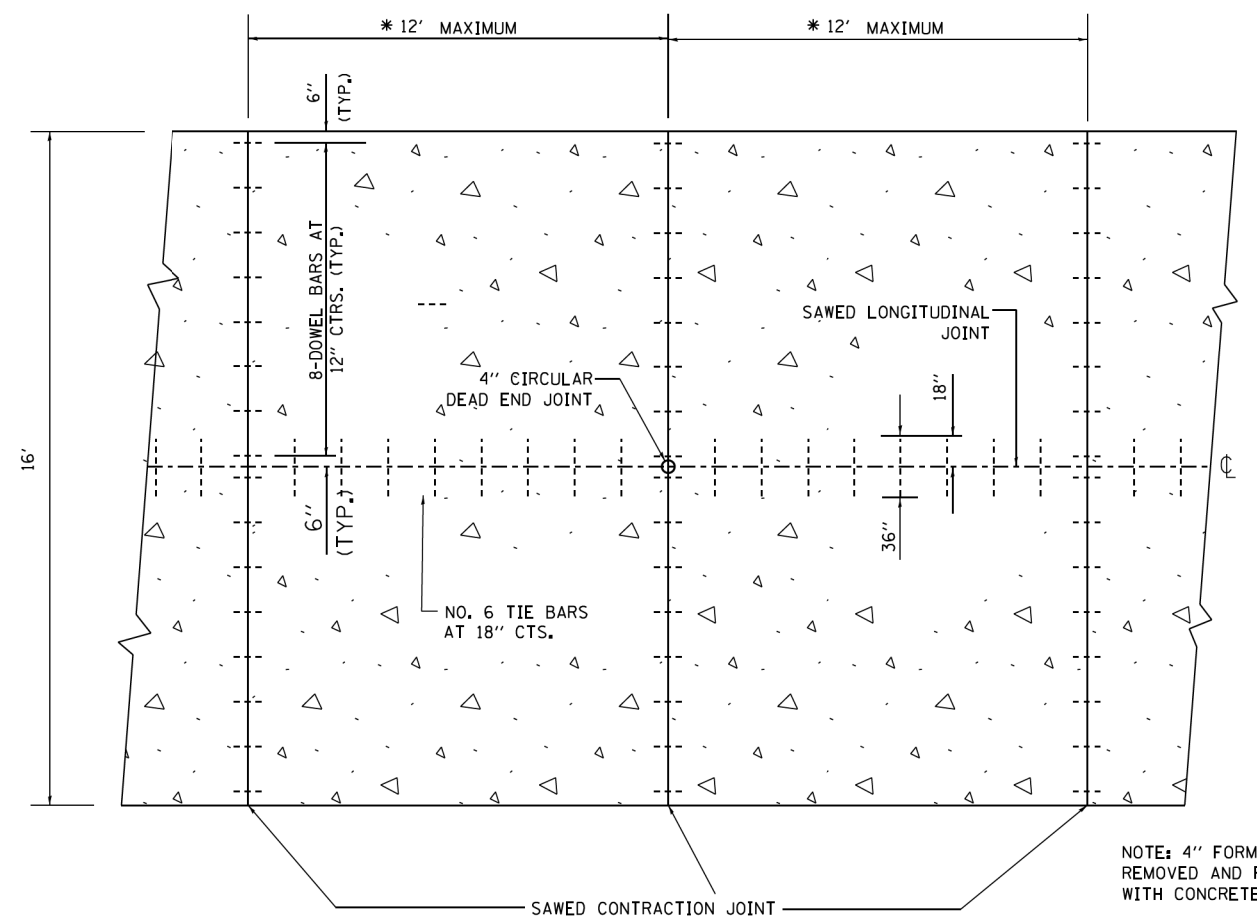


DEAD END JOINT DETAIL

NOTE
4" FORM TO BE REMOVED
AND FILLED WITH CONCRETE.



PLAN



PLAN

NOTE: 4" FORM TO BE
REMOVED AND FILLED
WITH CONCRETE

FILE NAME = sht-details-district.dgn

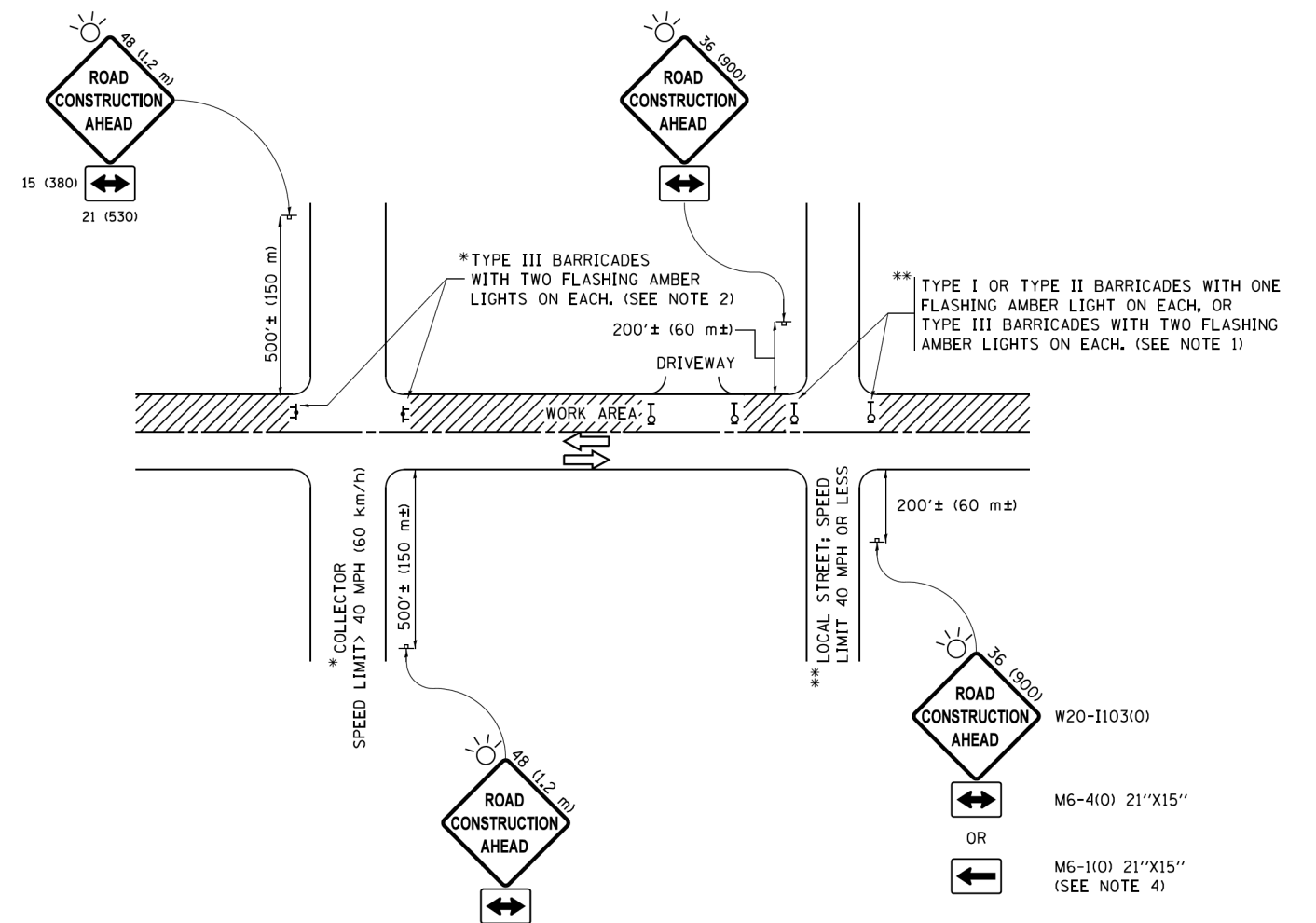
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	PLOT DATE = 11/17/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL FOR CENTERLINE SAW CUT FOR DEAD END JOINT

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

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 245
BD54		CONTRACT NO. 61E97		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

FILE NAME = sht-details-district.dgn

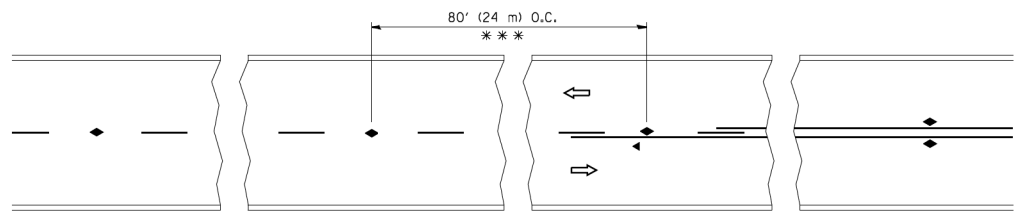
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	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

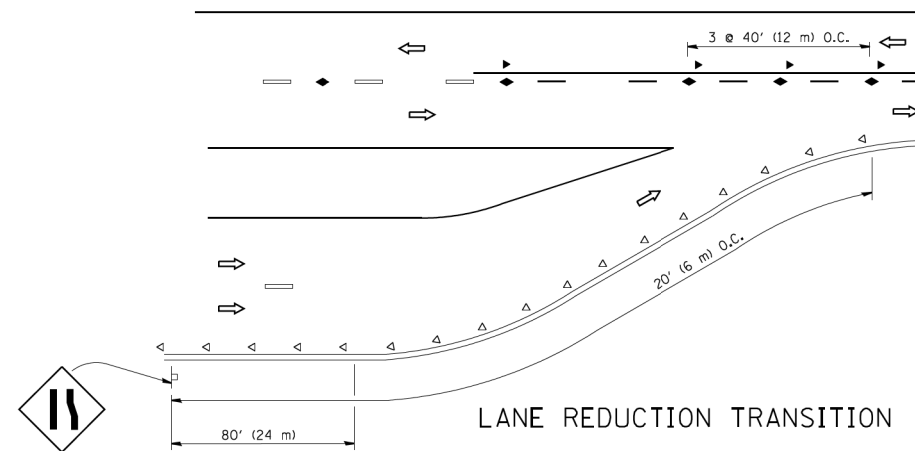
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 246
TC-10		CONTRACT NO. 61E97		
ILLINOIS FED. AID PROJECT				

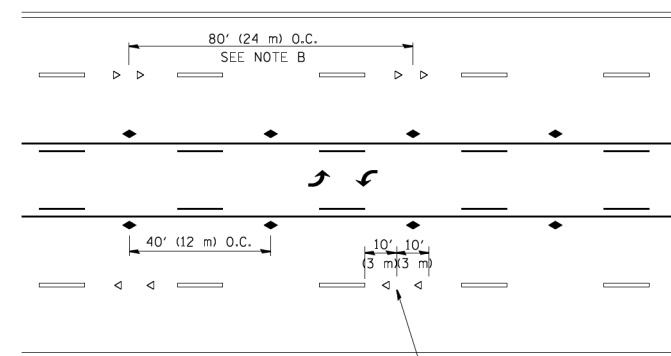


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

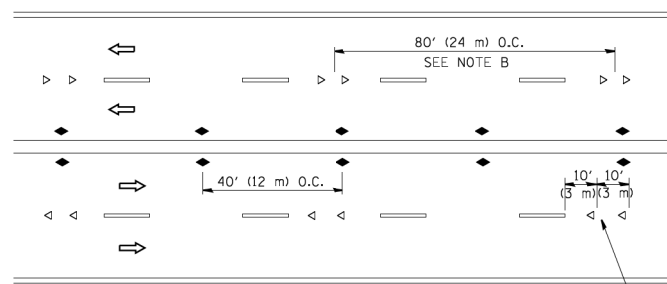
TWO-LANE/TWO-WAY



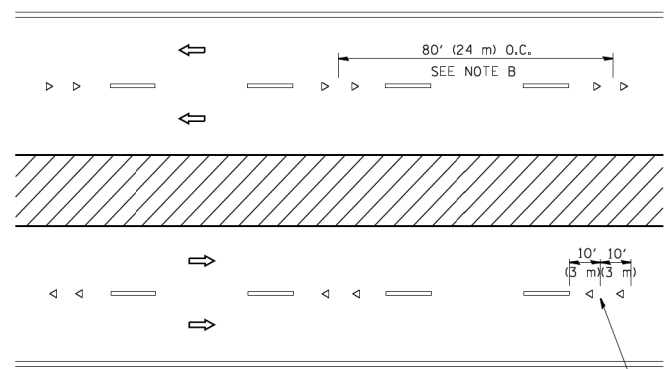
LANE REDUCTION TRANSITION



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

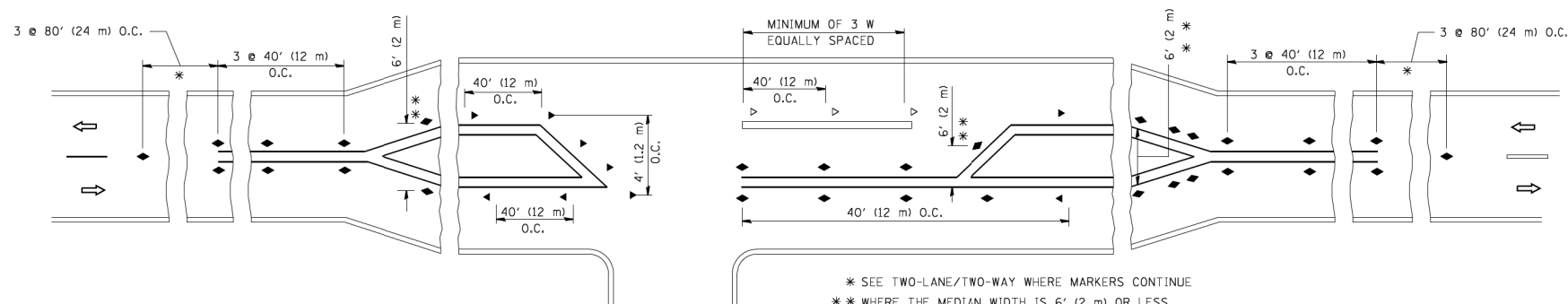
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

DESIGN NOTES

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



LEFT TURN

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

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

FILE NAME = sht-details-district.dgn

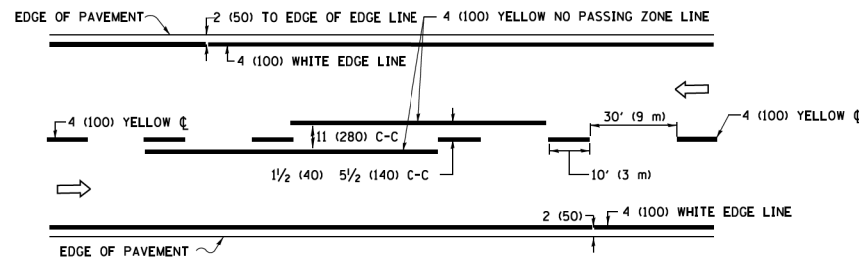
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

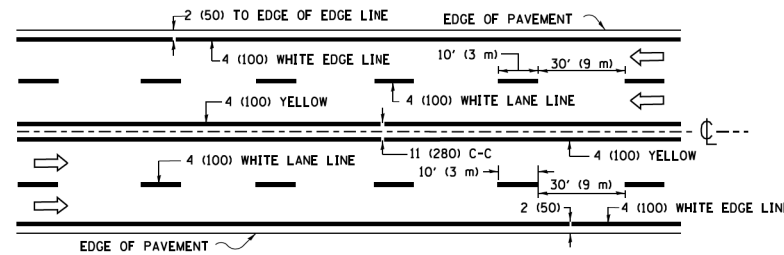
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

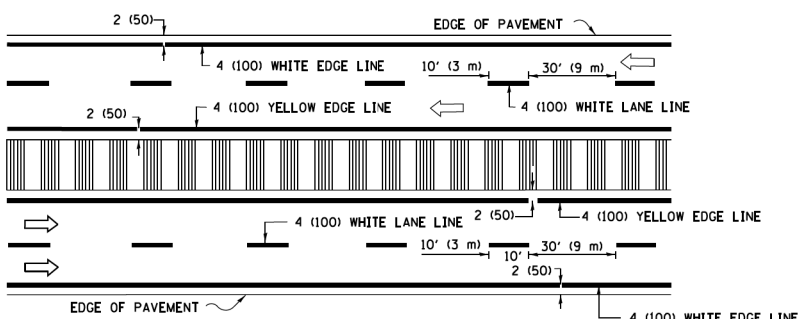
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	247
TC-11		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

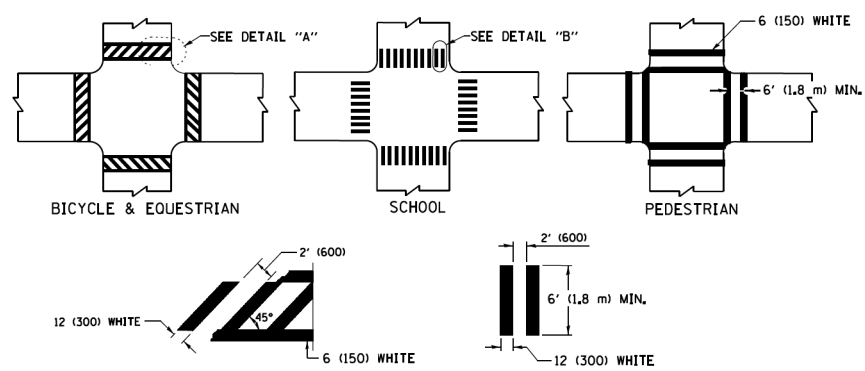


MULTI-LANE UNDIVIDED



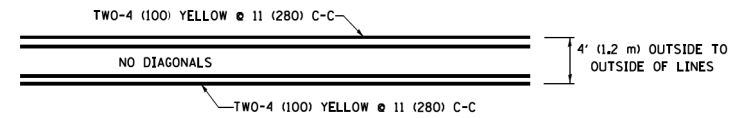
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

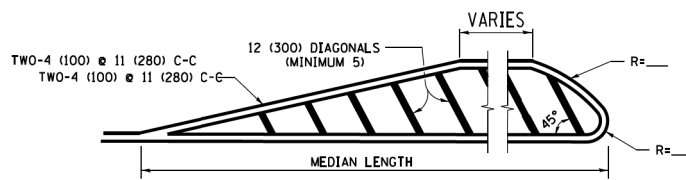


TYPICAL CROSSWALK MARKING

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

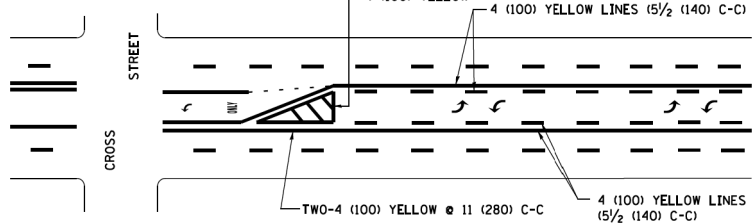


4' (1.2 m) WIDE MEDIANS ONLY



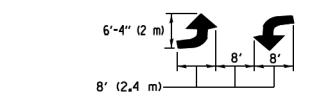
MEDIANS OVER 4' (1.2 m) WIDE

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



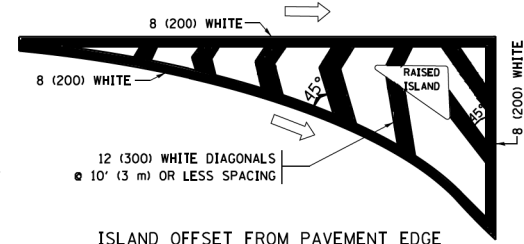
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

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

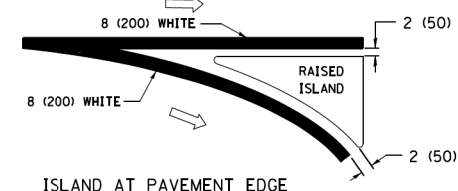


TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

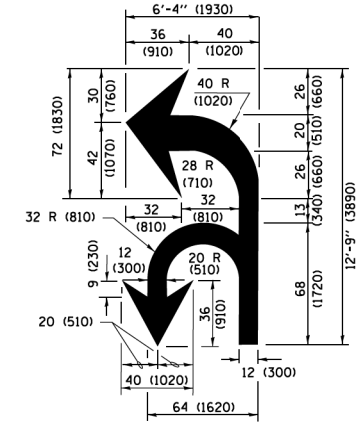
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



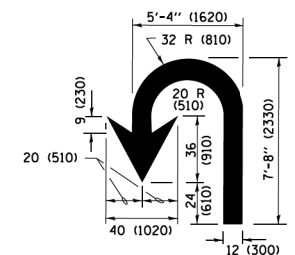
ISLAND OFFSET FROM PAVEMENT EDGE



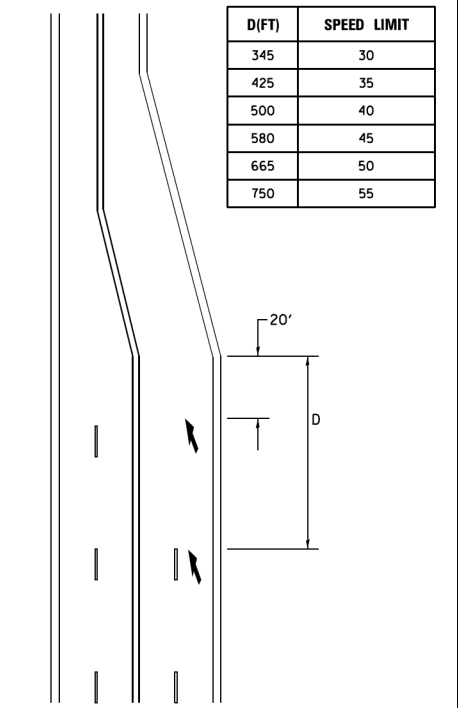
ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (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 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	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (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; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
			REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 248
TYPICAL PAVEMENT MARKINGS		TC-13		CONTRACT NO. 61E97		
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

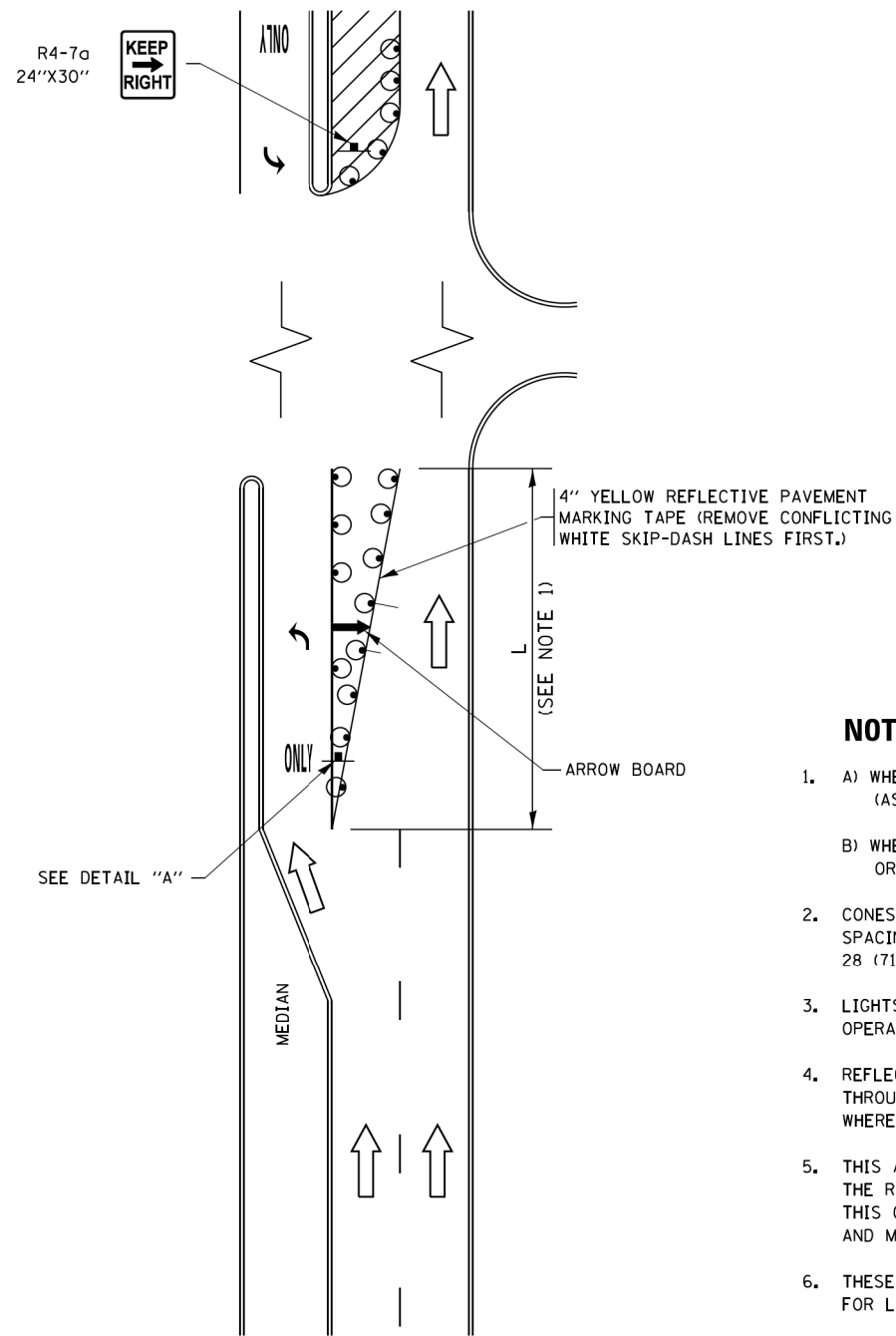


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

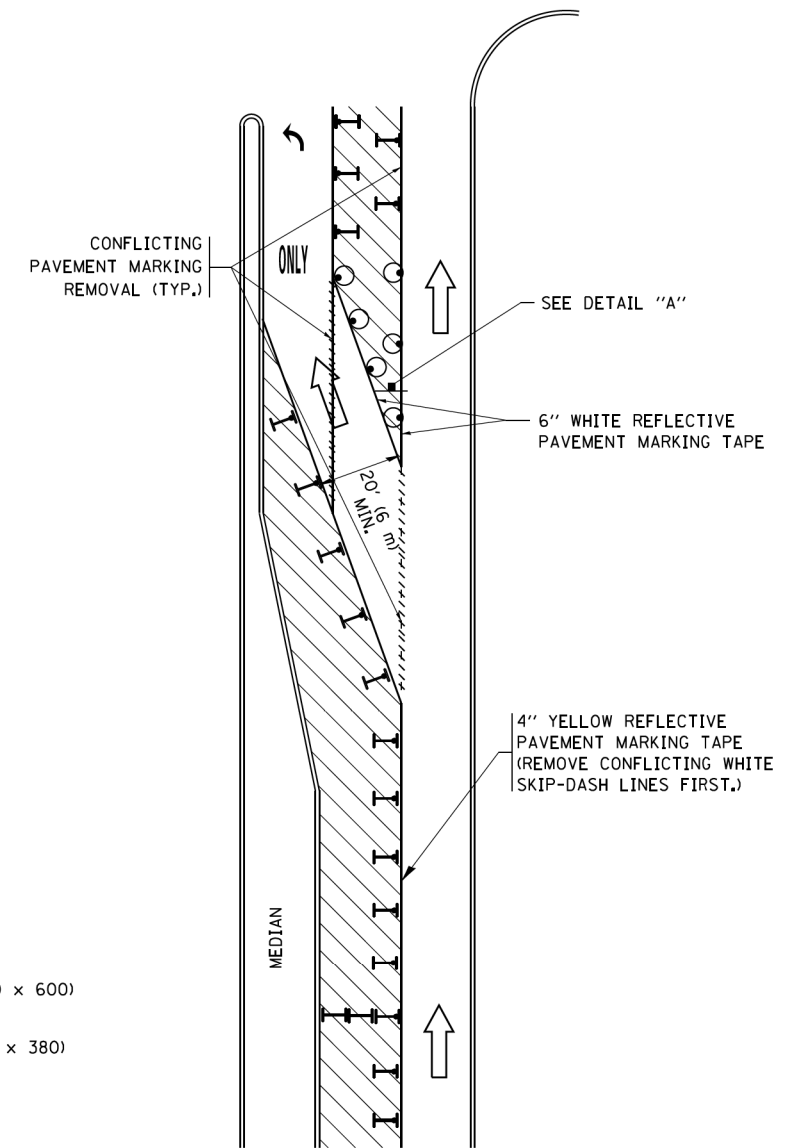


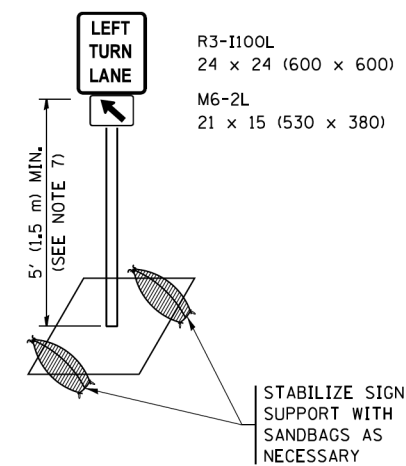
FIGURE 2

LEGEND

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

NOTES:

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

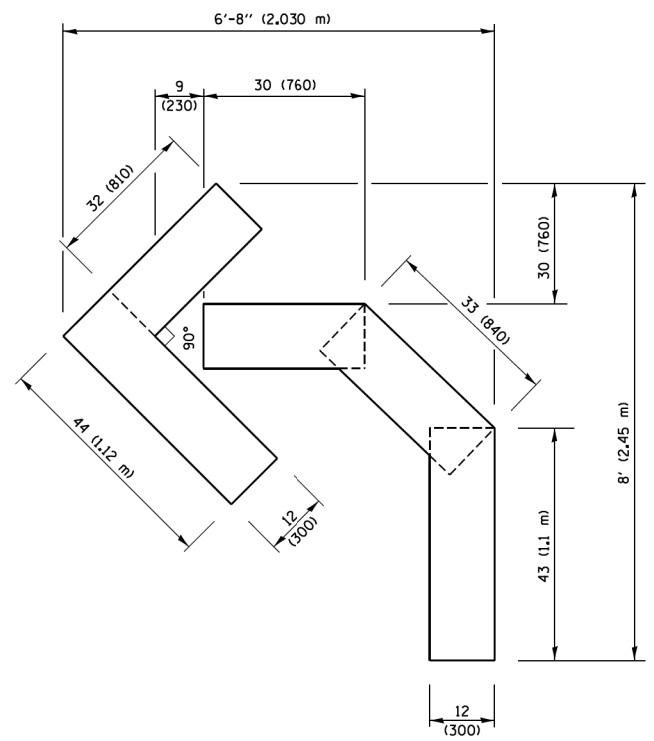


DETAIL A

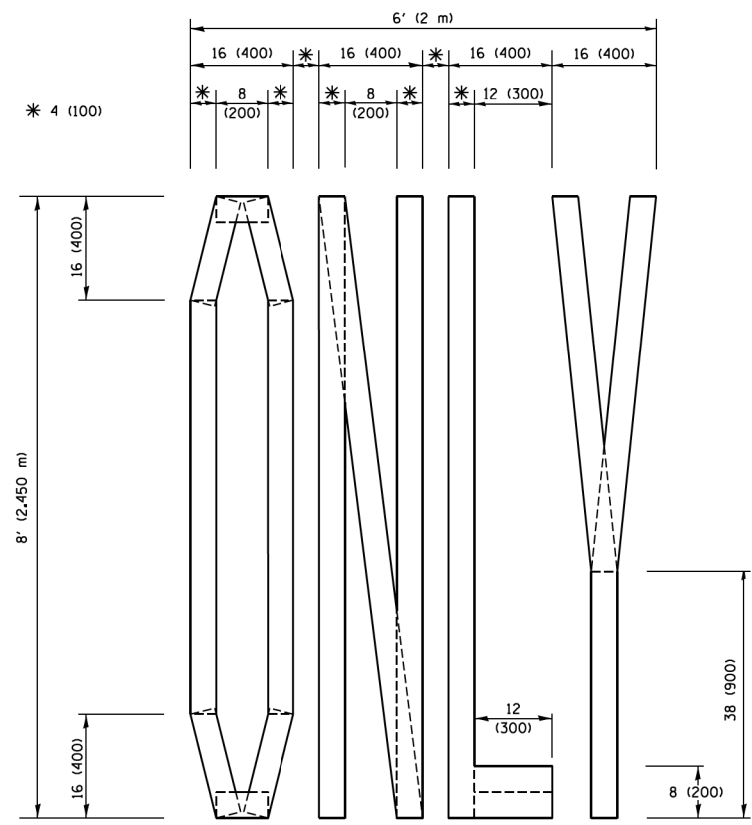
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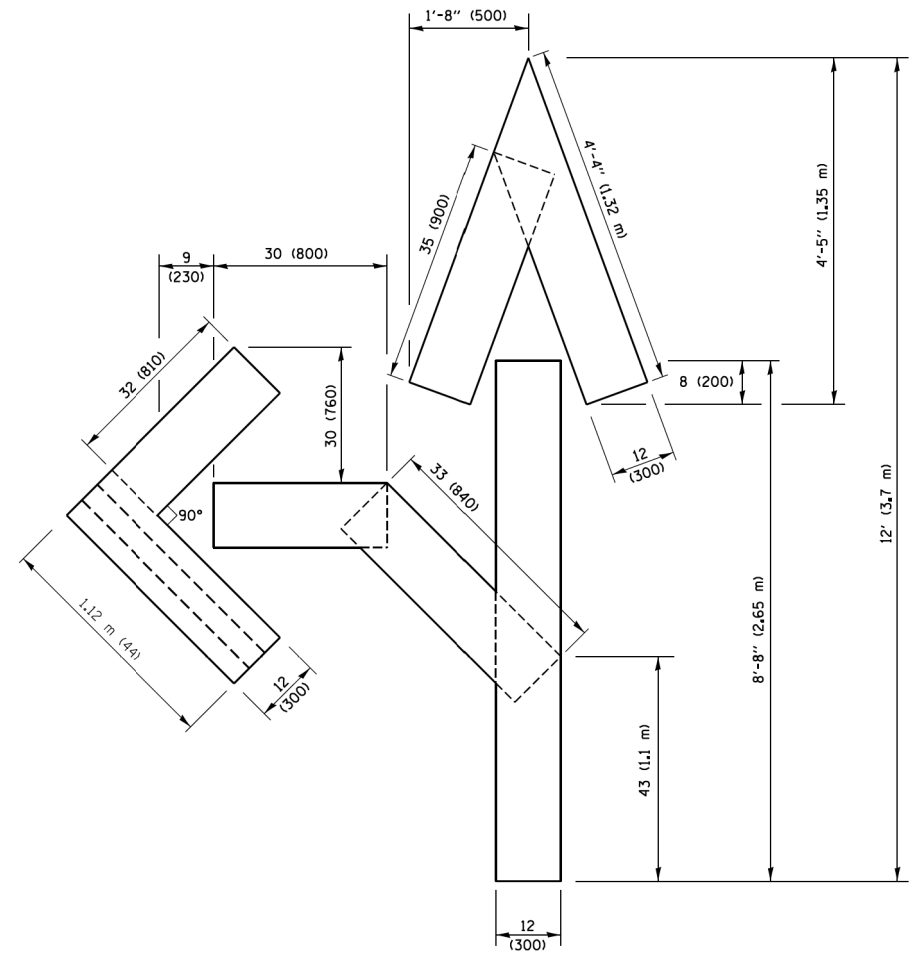
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Default	Default	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					363/360	11-00201-04-CH	KANE	410	249
		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		TC-14			CONTRACT NO. 61E97				
		REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.				



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

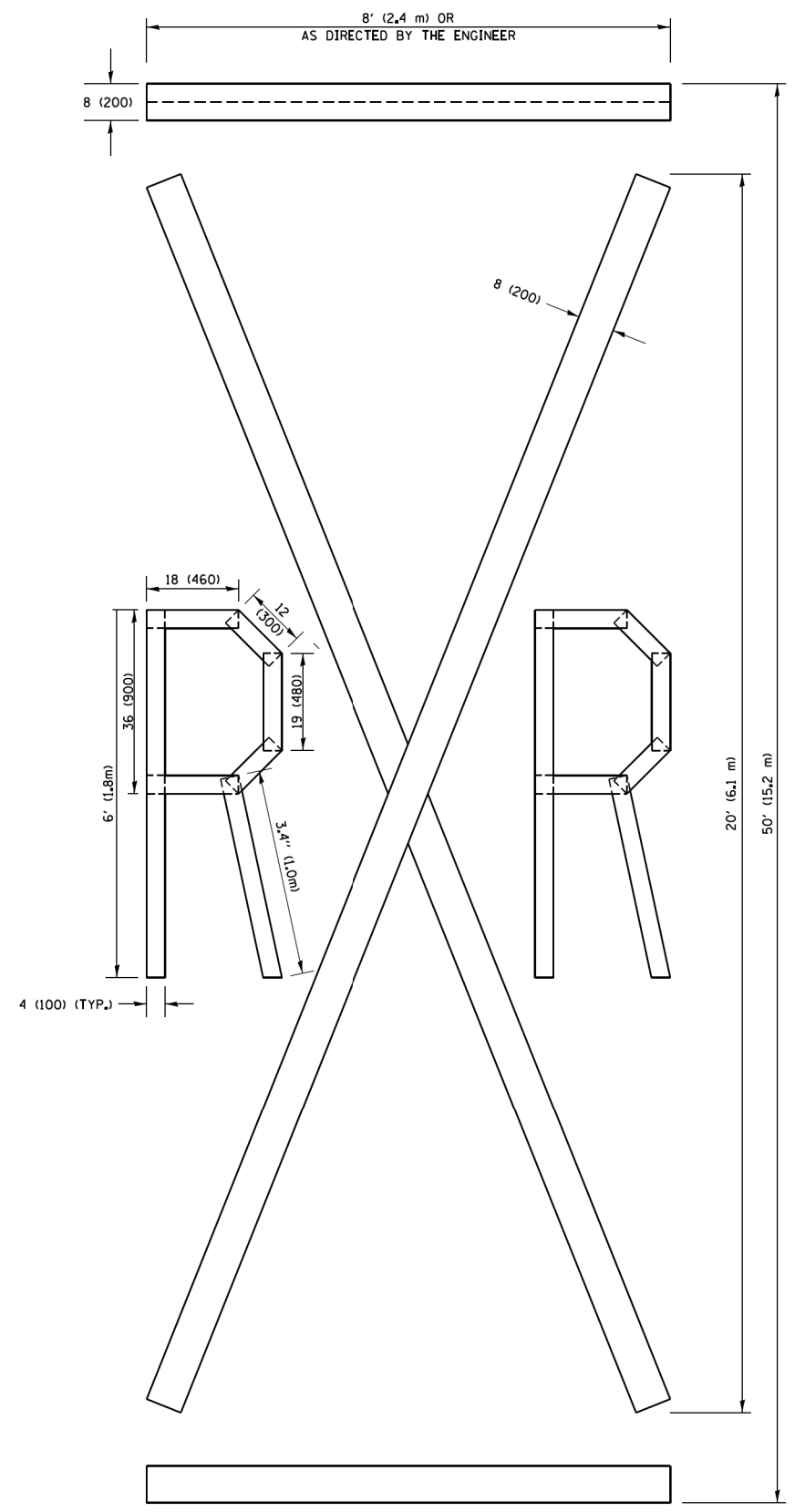


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

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

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PLOT DATE = 9/15/2016		DATE - 09-18-94	REVISED -A. SCHUETZE 09-15-16

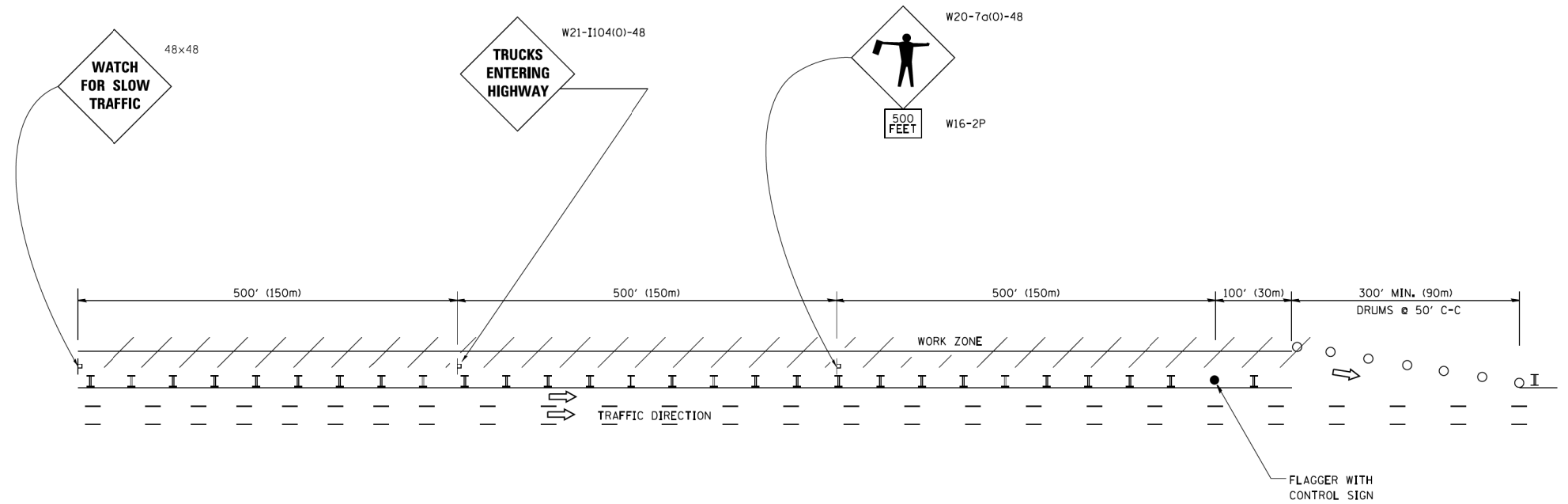
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

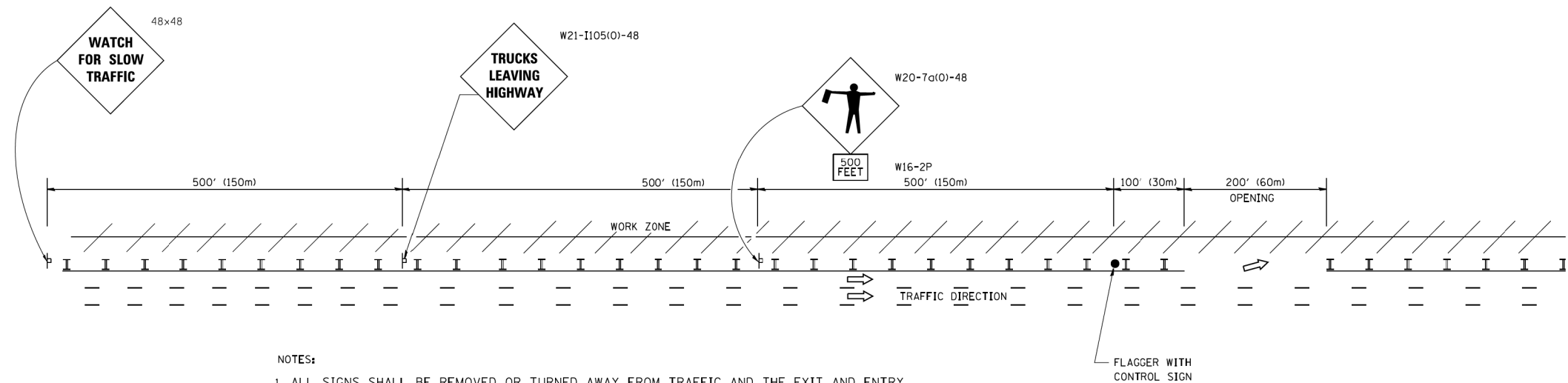
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TC-16		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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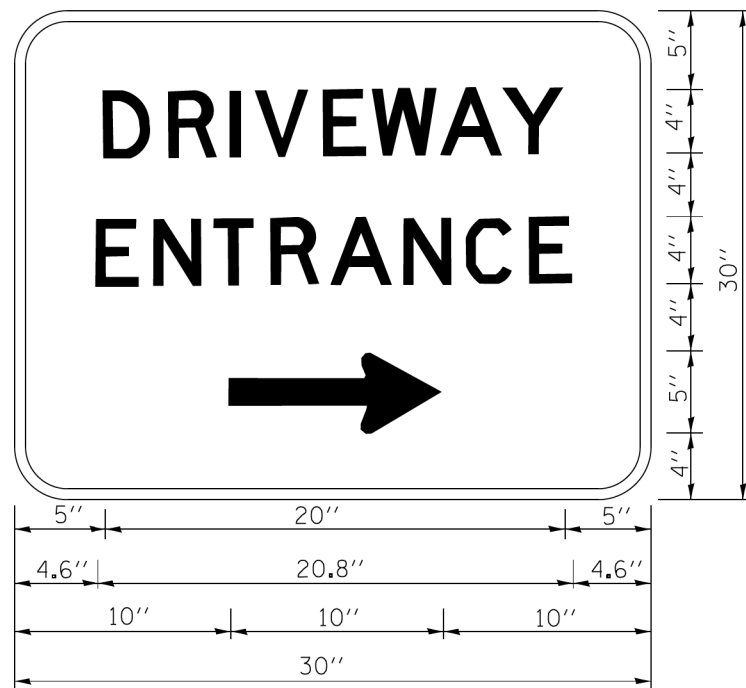
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	251
TC-18		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

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

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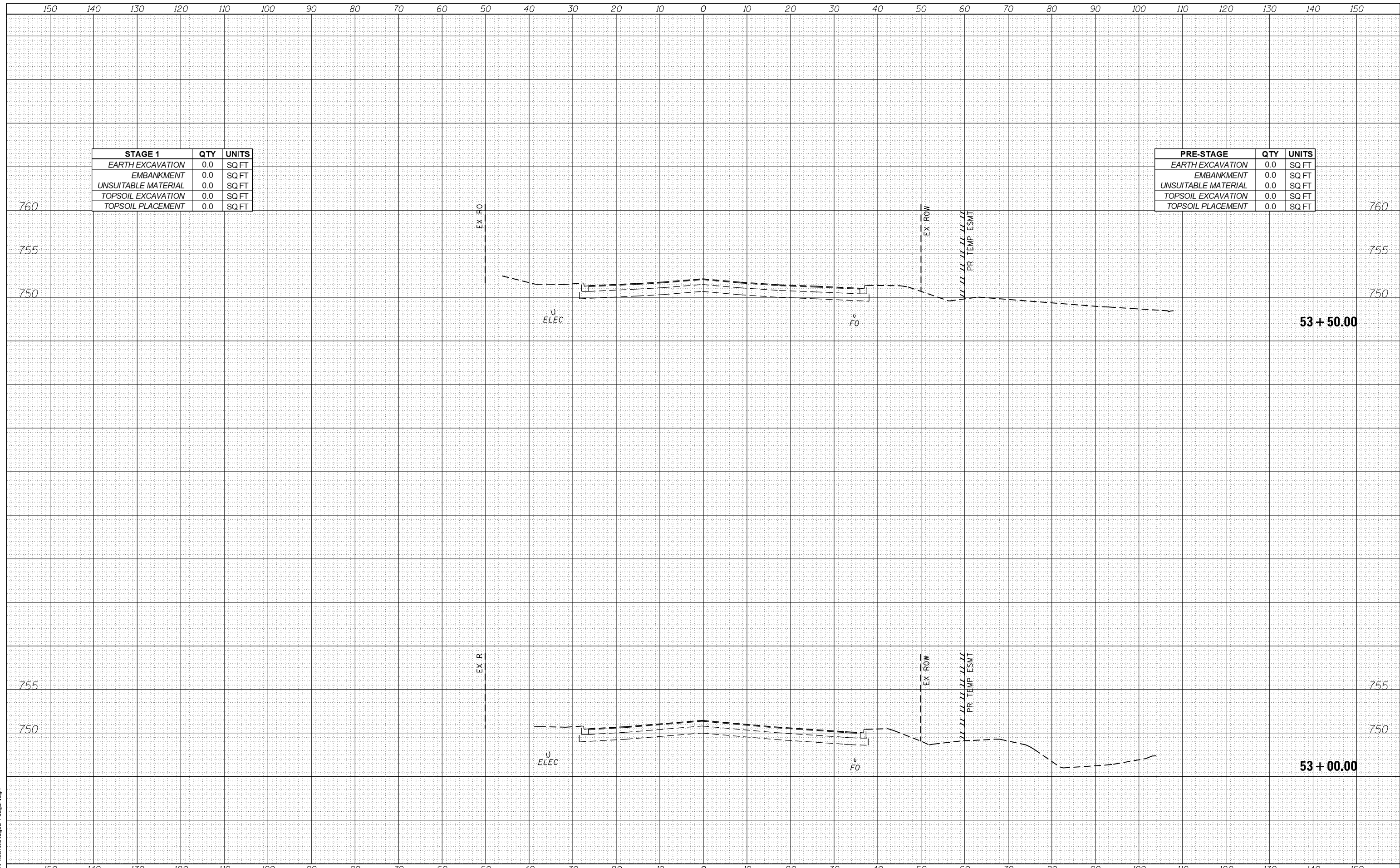
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 252
TC-26		CONTRACT NO. 61E97		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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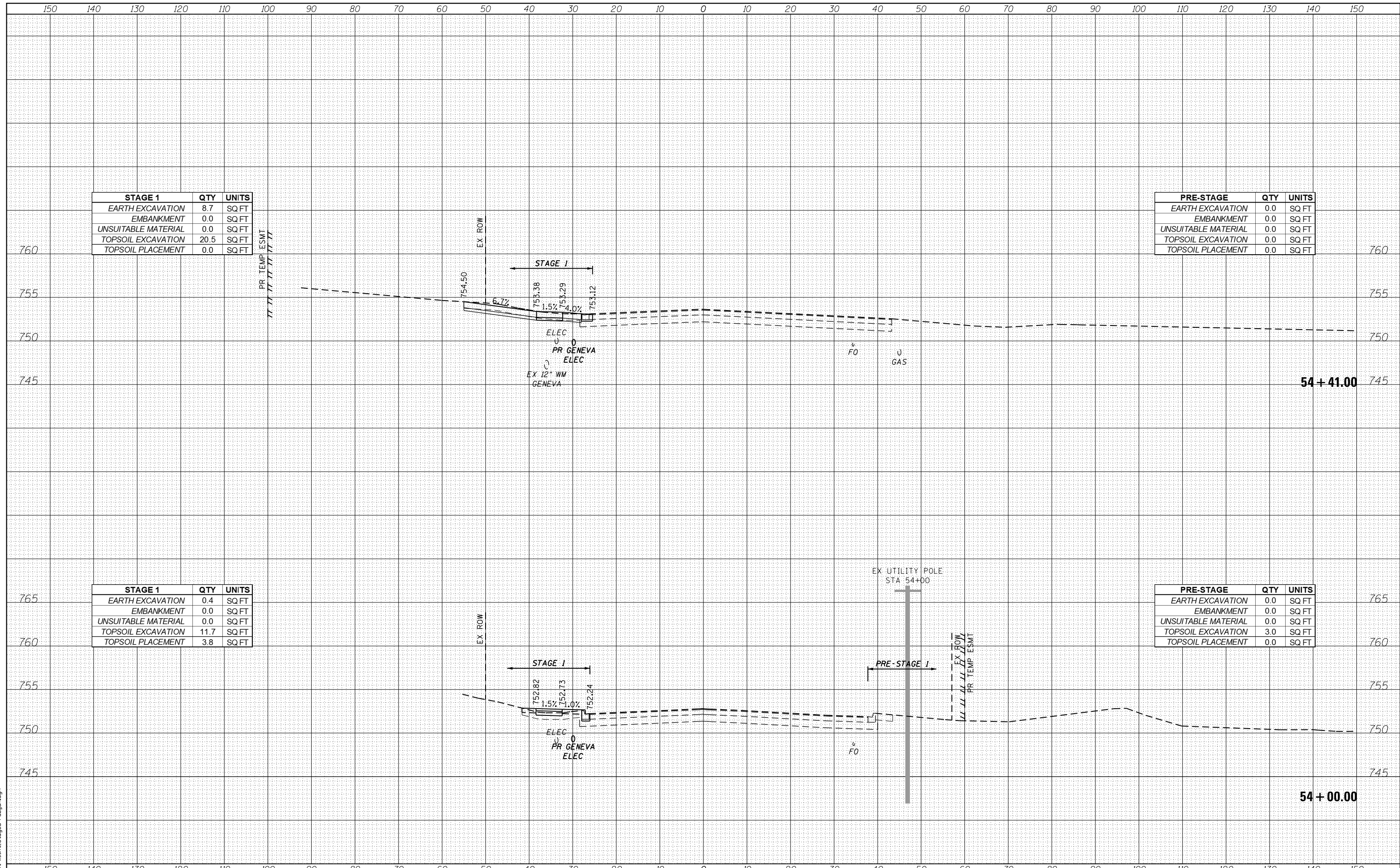
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 1 OF 44 SHEETS STA. 53+00.00 TO STA. 53+65.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 253
CONTRACT NO. 61E97			ILLINOIS FED. AID PROJECT	



STAGE 1	QTY	UNITS
EARTH EXCAVATION	8.7	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.4	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	11.7	SQ FT
TOPSOIL PLACEMENT	3.8	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	3.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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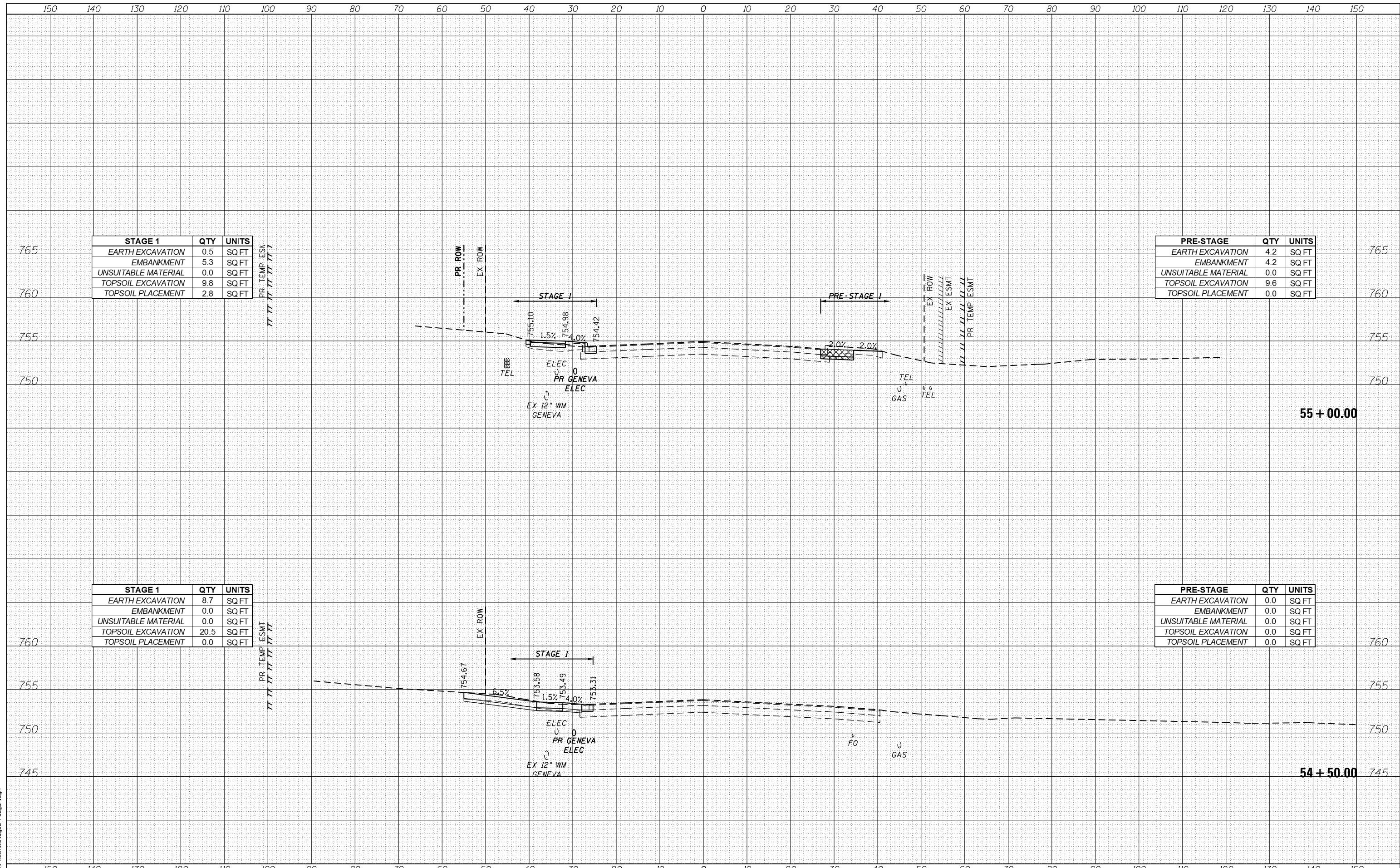
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 2 OF 44 SHEETS STA. 54+00.00 TO STA. 54+41.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 254
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.5	SQ FT
EMBANKMENT	5.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	9.8	SQ FT
TOPSOIL PLACEMENT	2.8	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.2	SQ FT
EMBANKMENT	4.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	9.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	8.7	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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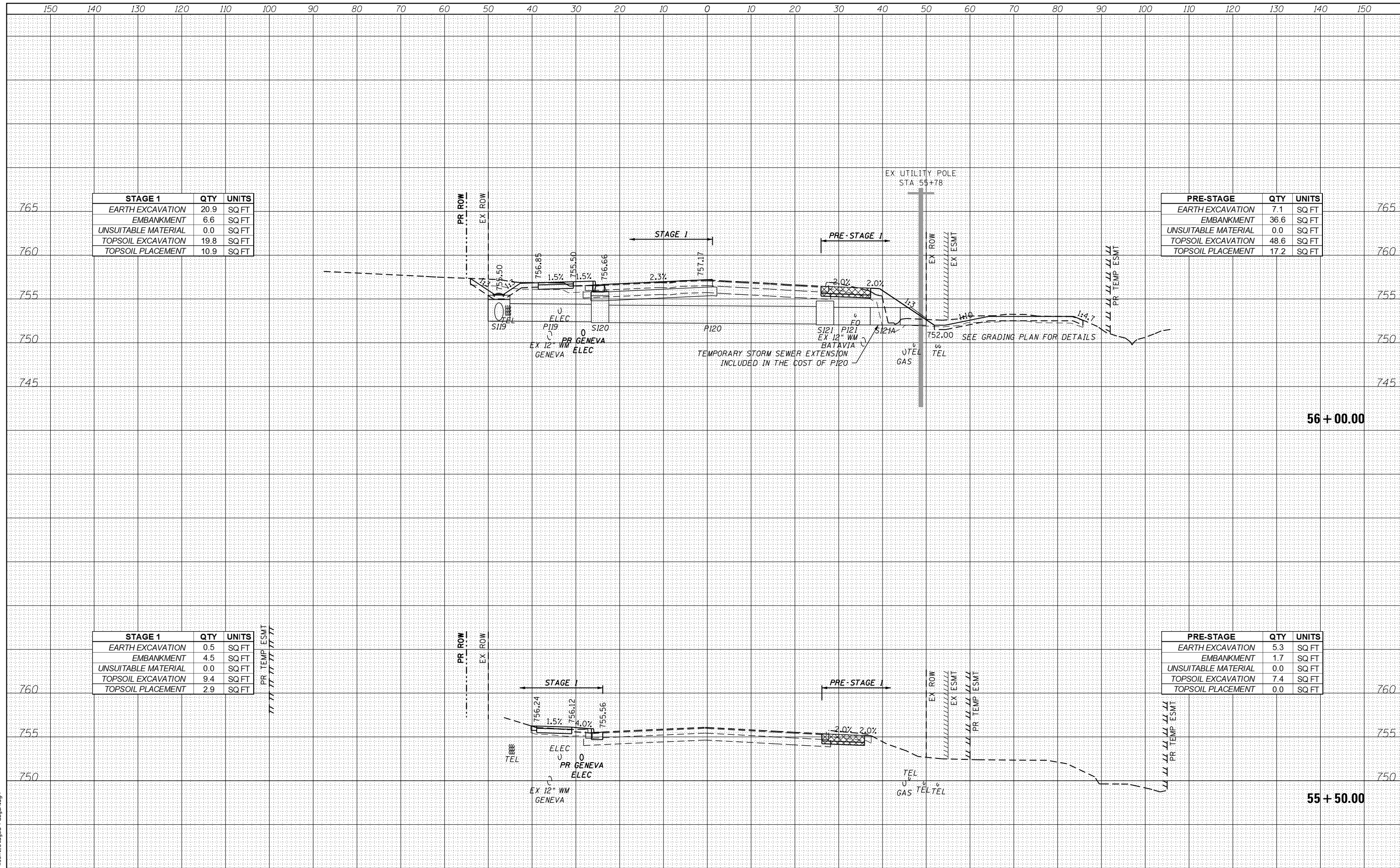


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGED CROSS SECTIONS
FABYAN PARKWAY
SCALE: 1"=10'
SHEET 3 OF 44 SHEETS
STA. 54+50.00 TO STA. 55+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 255
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1		
EARTH EXCAVATION	20.9	SQ FT
EMBANKMENT	6.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	19.8	SQ FT
TOPSOIL PLACEMENT	10.9	SQ FT

PRE-STAGE		
EARTH EXCAVATION	7.1	SQ FT
EMBANKMENT	36.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	48.6	SQ FT
TOPSOIL PLACEMENT	17.2	SQ FT

STAGE 1		
EARTH EXCAVATION	0.5	SQ FT
EMBANKMENT	4.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	9.4	SQ FT
TOPSOIL PLACEMENT	2.9	SQ FT

PRE-STAGE		
EARTH EXCAVATION	5.3	SQ FT
EMBANKMENT	1.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	7.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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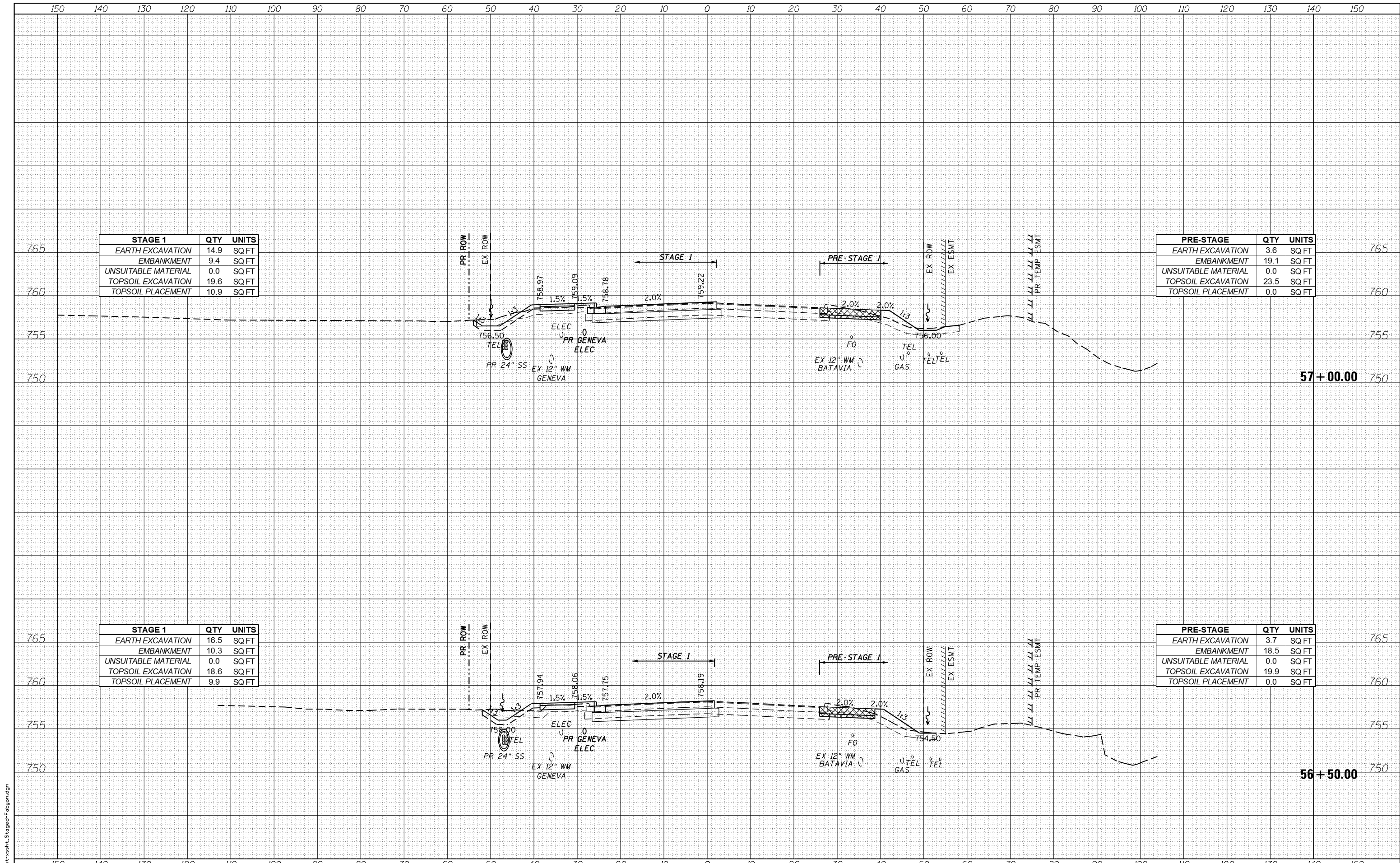
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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 4 OF 44 SHEETS STA. 55+50.00 TO STA. 56+00.00

F.A.P. RFE. 563/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 256
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	14.9	SQ FT
EMBANKMENT	9.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	19.6	SQ FT
TOPSOIL PLACEMENT	10.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.6	SQ FT
EMBANKMENT	19.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	23.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	16.5	SQ FT
EMBANKMENT	10.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	18.6	SQ FT
TOPSOIL PLACEMENT	9.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.7	SQ FT
EMBANKMENT	18.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	19.9	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn



USER NAME = TEG
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 DRAWN - JBH
 CHECKED - BLP
 DATE - 11/6/2018

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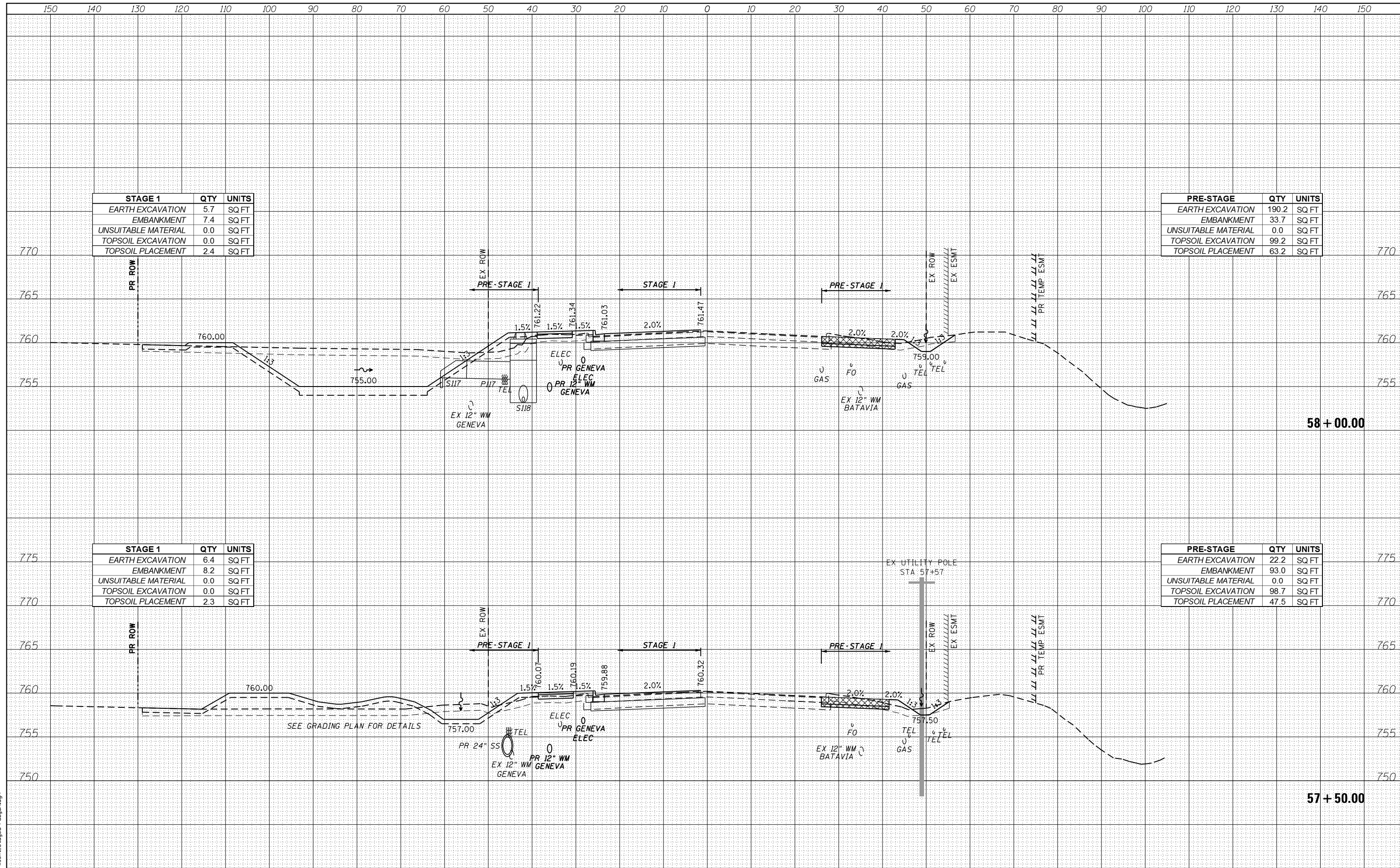
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
 SHEET 5 OF 44 SHEETS
 STA. 56+50.00 TO STA. 57+00.00

STAGED CROSS SECTIONS
 FABYAN PARKWAY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
563/360	11-00201-04-CH	KANE	410	257

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	5.7	SQ FT
EMBANKMENT	7.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	2.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	190.2	SQ FT
EMBANKMENT	33.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	99.2	SQ FT
TOPSOIL PLACEMENT	63.2	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	6.4	SQ FT
EMBANKMENT	8.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	2.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	22.2	SQ FT
EMBANKMENT	93.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	98.7	SQ FT
TOPSOIL PLACEMENT	47.5	SQ FT

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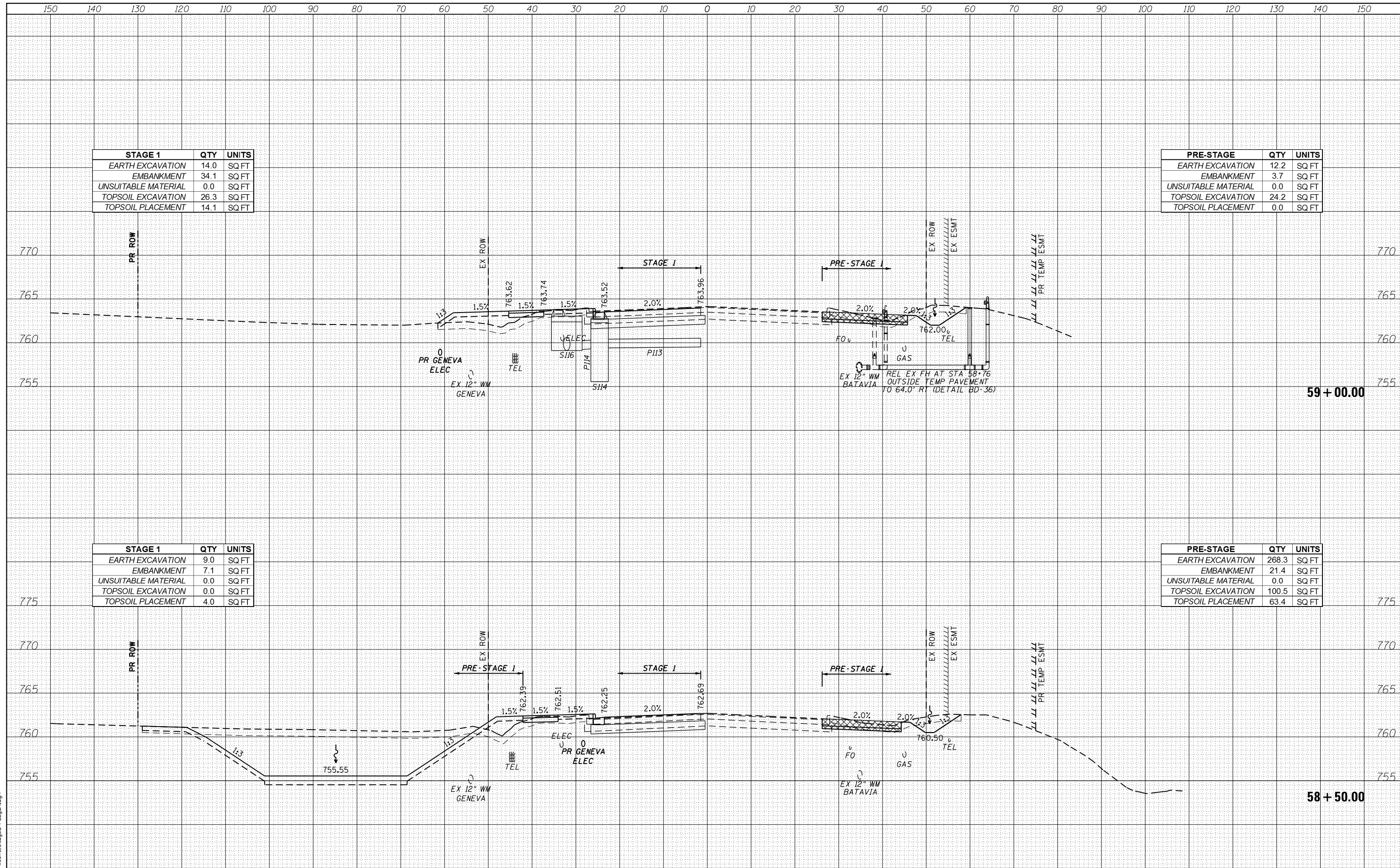
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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 6 OF 44 SHEETS STA. 57+50.00 TO STA. 58+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 258
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	14.0	SQ FT
EMBANKMENT	34.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.3	SQ FT
TOPSOIL PLACEMENT	14.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	12.2	SQ FT
EMBANKMENT	3.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	24.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	9.0	SQ FT
EMBANKMENT	7.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	4.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	268.3	SQ FT
EMBANKMENT	21.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	100.5	SQ FT
TOPSOIL PLACEMENT	63.4	SQ FT

FILE NAME = sht-xsh1.Staged-Fabjan.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JBH	REVISED -
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

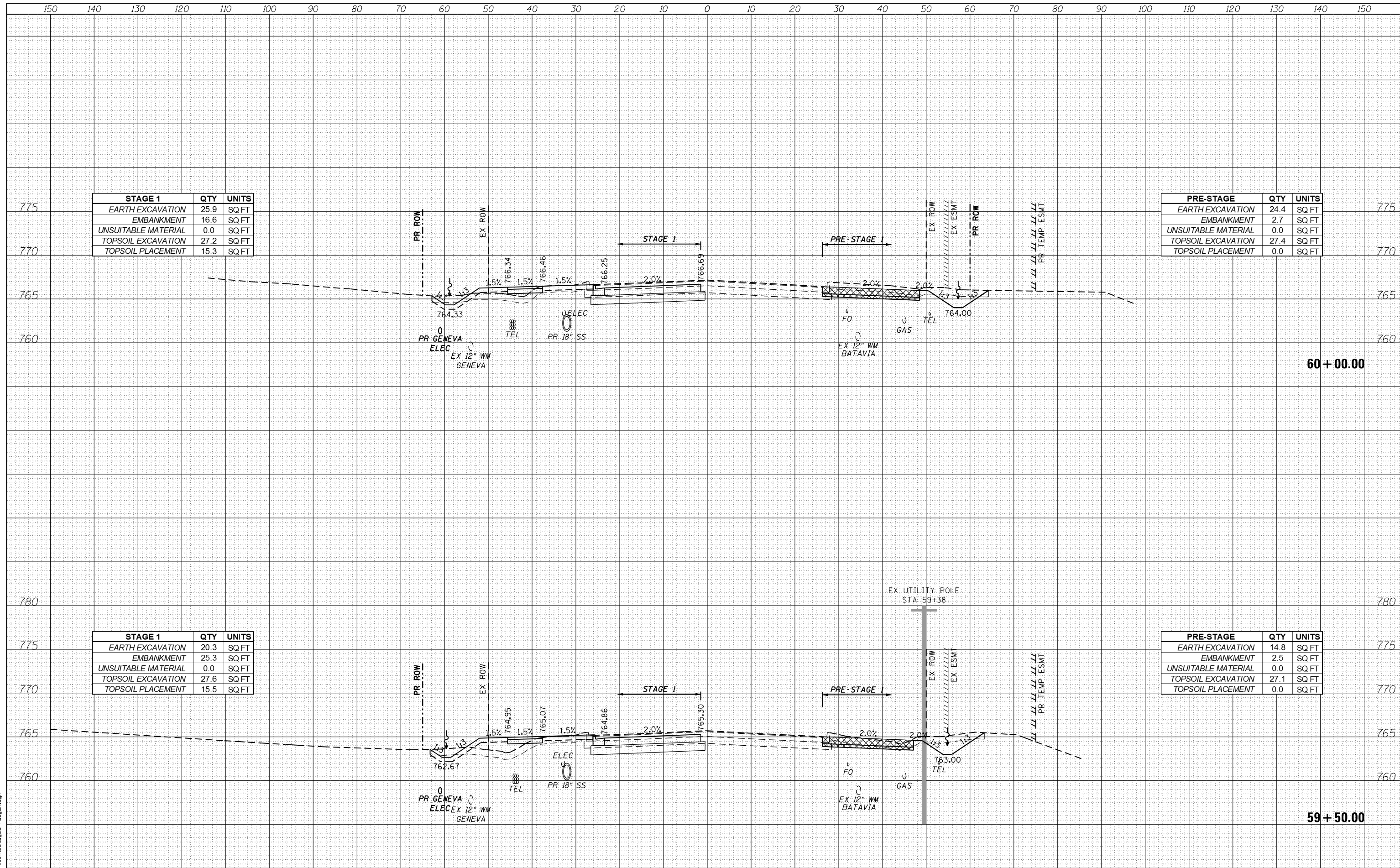
**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 7 OF 44 SHEETS STA. 58+50.00 TO STA. 59+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	259

CONTRACT NO. 61E97

ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	25.9	SQ FT
EMBANKMENT	16.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.2	SQ FT
TOPSOIL PLACEMENT	15.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	24.4	SQ FT
EMBANKMENT	2.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	20.3	SQ FT
EMBANKMENT	25.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.6	SQ FT
TOPSOIL PLACEMENT	15.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	14.8	SQ FT
EMBANKMENT	2.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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 DRAWN - JBH
 CHECKED - BLP
 DATE - 11/6/2018

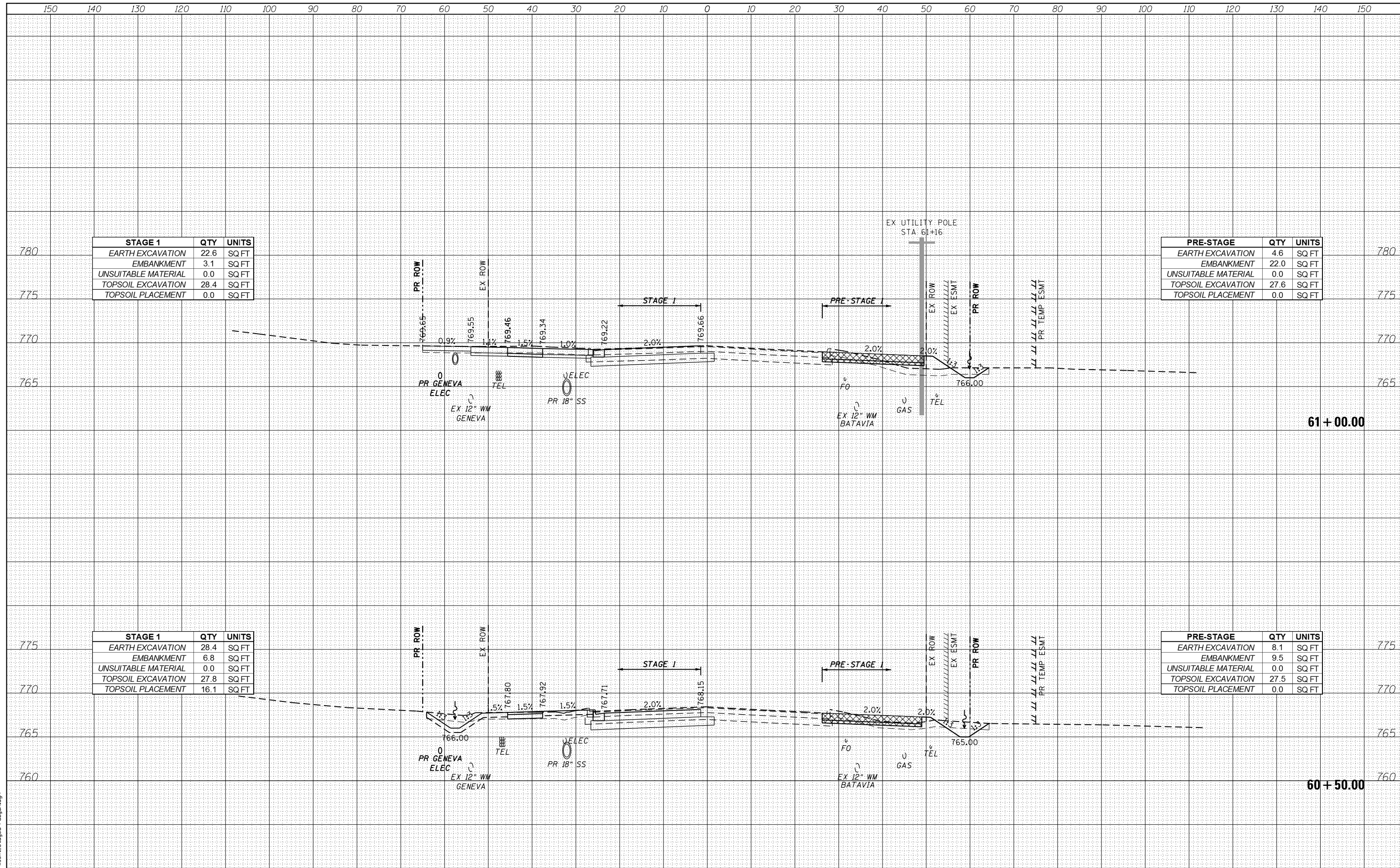
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
 FABYAN PARKWAY**
 SCALE: 1"=10'
 SHEET 8 OF 44 SHEETS
 STA. 59+50.00 TO STA. 60+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	260

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	22.6	SQ FT
EMBANKMENT	3.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.6	SQ FT
EMBANKMENT	22.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	28.4	SQ FT
EMBANKMENT	6.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.8	SQ FT
TOPSOIL PLACEMENT	16.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	8.1	SQ FT
EMBANKMENT	9.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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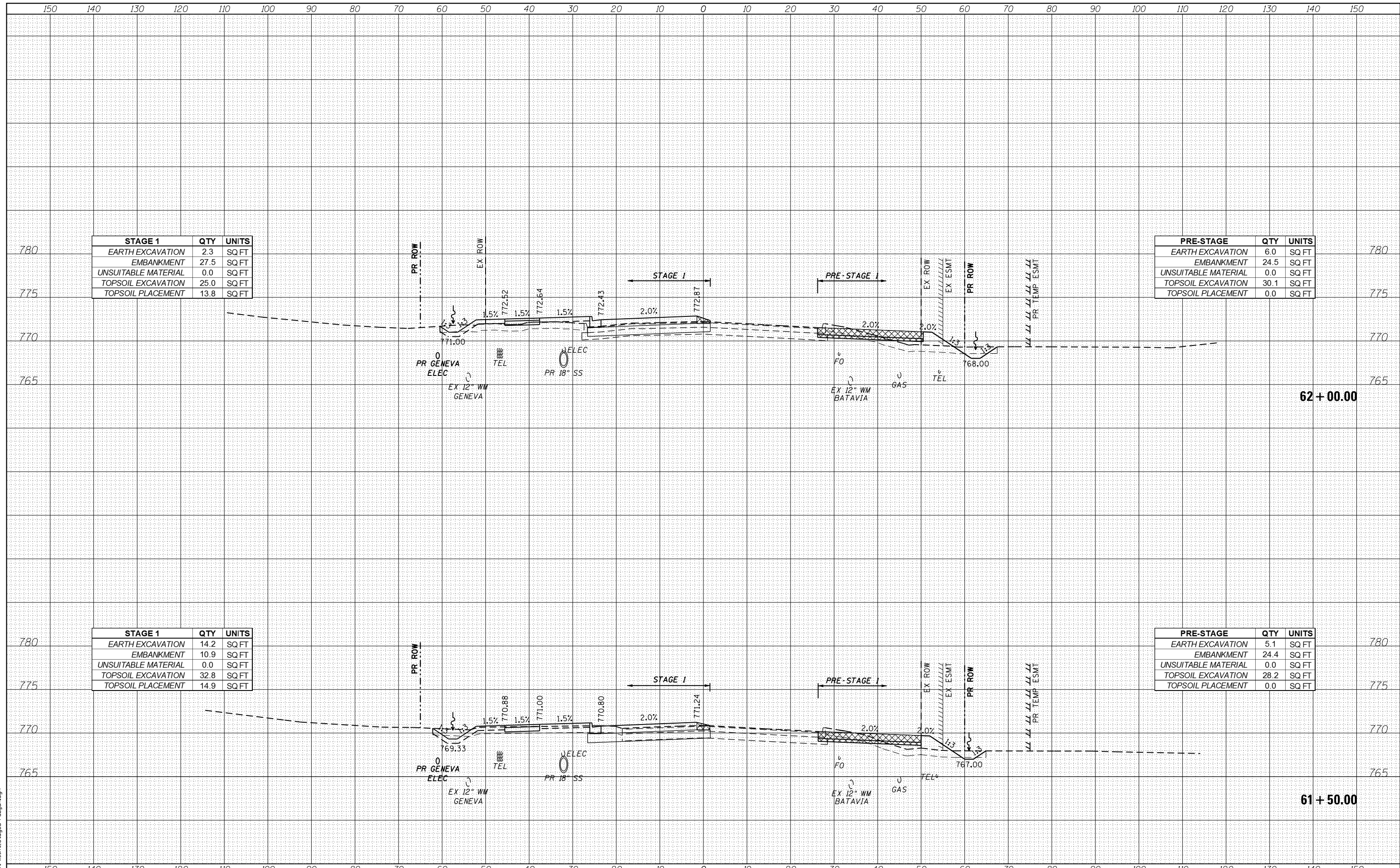
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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 9 OF 44 SHEETS STA. 60+50.00 TO STA. 61+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 261
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	2.3	SQ FT
EMBANKMENT	27.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	25.0	SQ FT
TOPSOIL PLACEMENT	13.8	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	6.0	SQ FT
EMBANKMENT	24.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	14.2	SQ FT
EMBANKMENT	10.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	32.8	SQ FT
TOPSOIL PLACEMENT	14.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	5.1	SQ FT
EMBANKMENT	24.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn

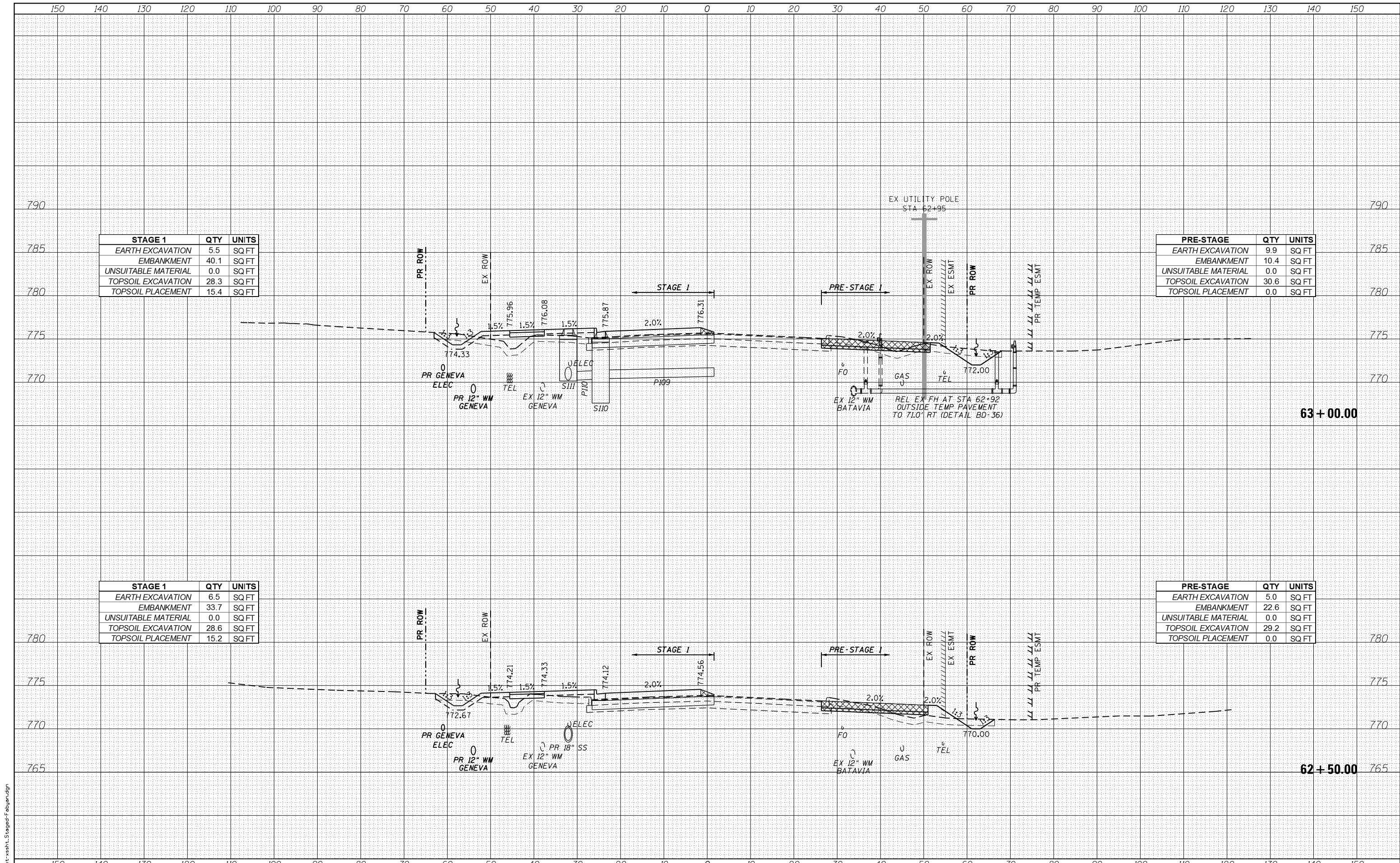


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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGED CROSS SECTIONS
FABYAN PARKWAY
SCALE: 1"=10'
SHEET 10 OF 44 SHEETS
STA. 61+50.00 TO STA. 62+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 262
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	5.5	SQ FT
EMBANKMENT	40.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.3	SQ FT
TOPSOIL PLACEMENT	15.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	9.9	SQ FT
EMBANKMENT	10.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	6.5	SQ FT
EMBANKMENT	33.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.6	SQ FT
TOPSOIL PLACEMENT	15.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	5.0	SQ FT
EMBANKMENT	22.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	29.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xsh-t.Staged-Fabjan.dgn



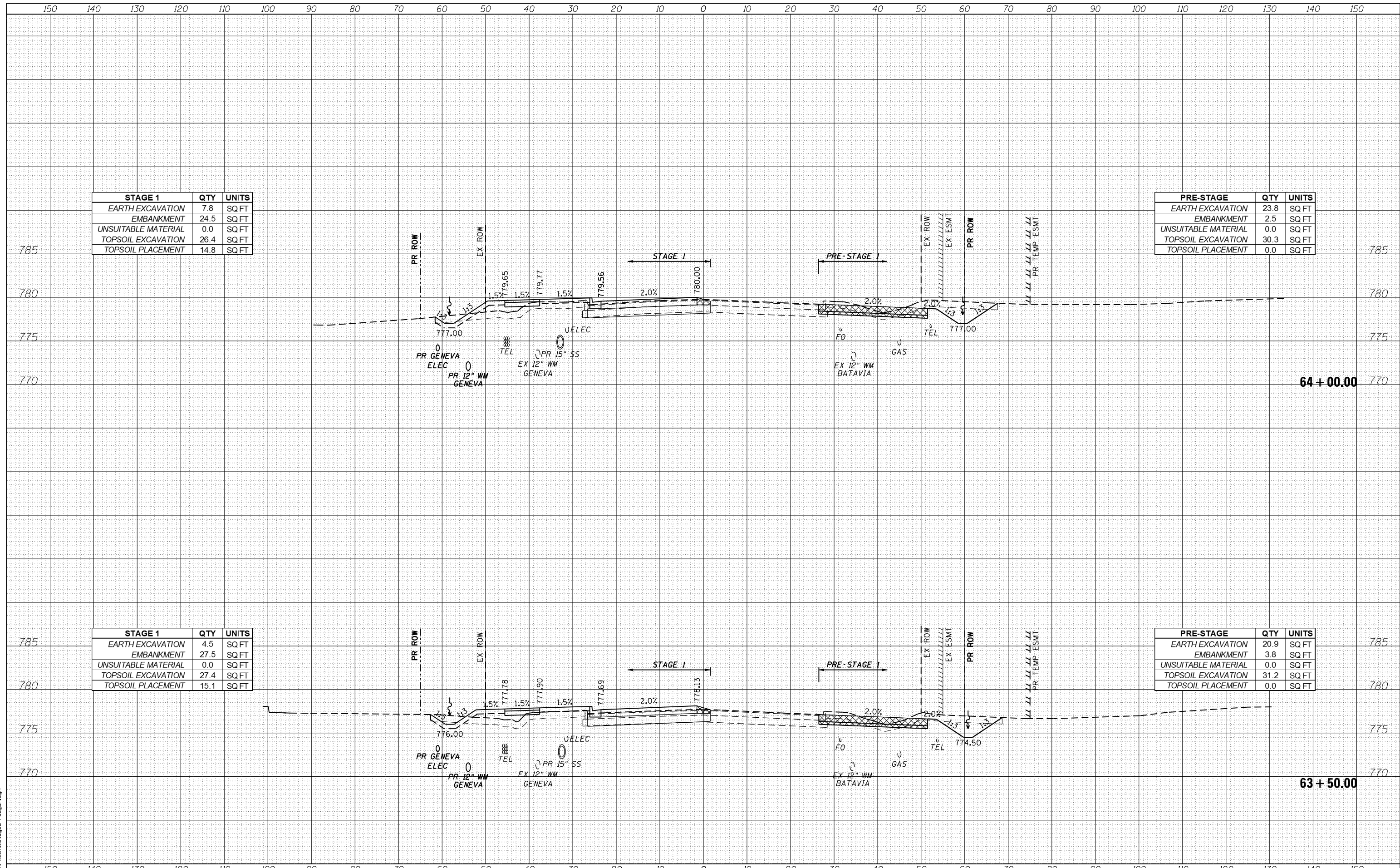
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 11 OF 44 SHEETS STA. 62+50.00 TO STA. 63+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 263
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	7.8	SQ FT
EMBANKMENT	24.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.4	SQ FT
TOPSOIL PLACEMENT	14.8	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	23.8	SQ FT
EMBANKMENT	2.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	4.5	SQ FT
EMBANKMENT	27.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.4	SQ FT
TOPSOIL PLACEMENT	15.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	20.9	SQ FT
EMBANKMENT	3.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	31.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn



USER NAME - TEG	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

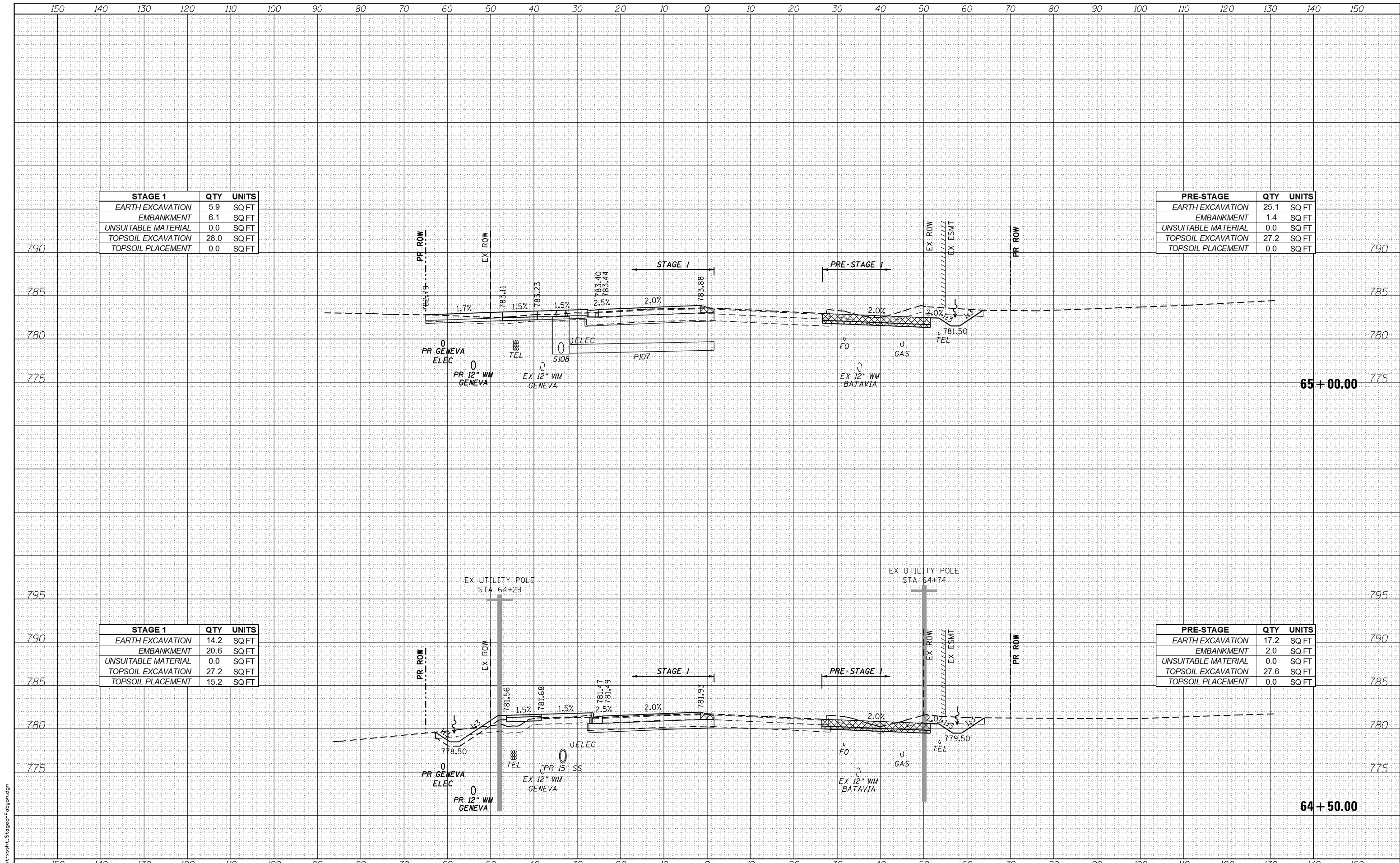
**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 12 OF 44 SHEETS STA. 63+50.00 TO STA. 64+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	264

CONTRACT NO. 61E97

ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	5.9	SQ FT
EMBANKMENT	6.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	25.1	SQ FT
EMBANKMENT	1.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	14.2	SQ FT
EMBANKMENT	20.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.2	SQ FT
TOPSOIL PLACEMENT	15.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	17.2	SQ FT
EMBANKMENT	2.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	27.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn



USER NAME - TEG
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 DRAWN - JBH
 CHECKED - BLP
 DATE - 11/6/2018

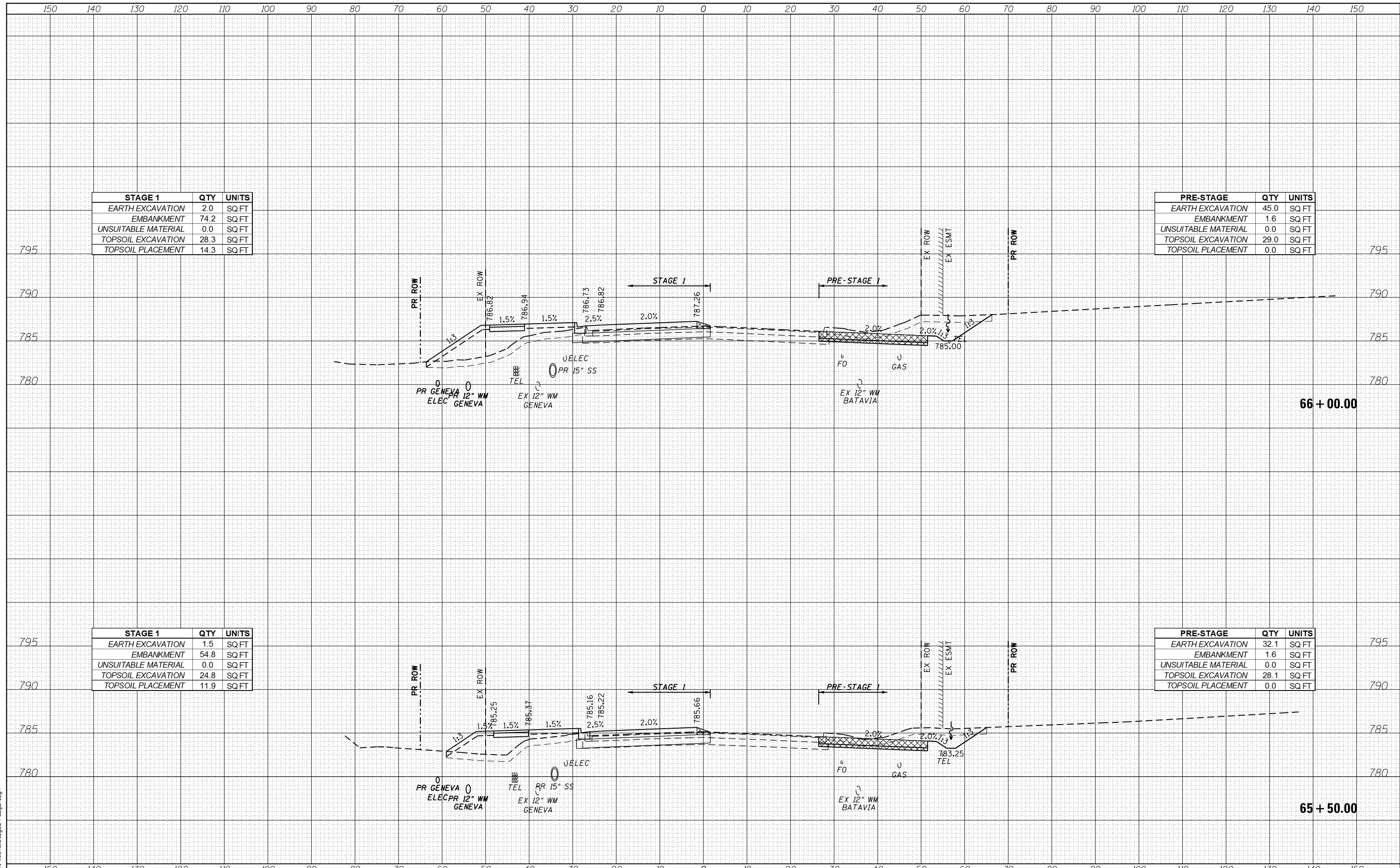
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
 FABYAN PARKWAY**
 SCALE: 1"=10'
 SHEET 13 OF 44 SHEETS
 STA. 64+50.00 TO STA. 65+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	265

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	2.0	SQ FT
EMBANKMENT	74.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.3	SQ FT
TOPSOIL PLACEMENT	14.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	45.0	SQ FT
EMBANKMENT	1.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	29.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	1.5	SQ FT
EMBANKMENT	54.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	24.8	SQ FT
TOPSOIL PLACEMENT	11.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	32.1	SQ FT
EMBANKMENT	1.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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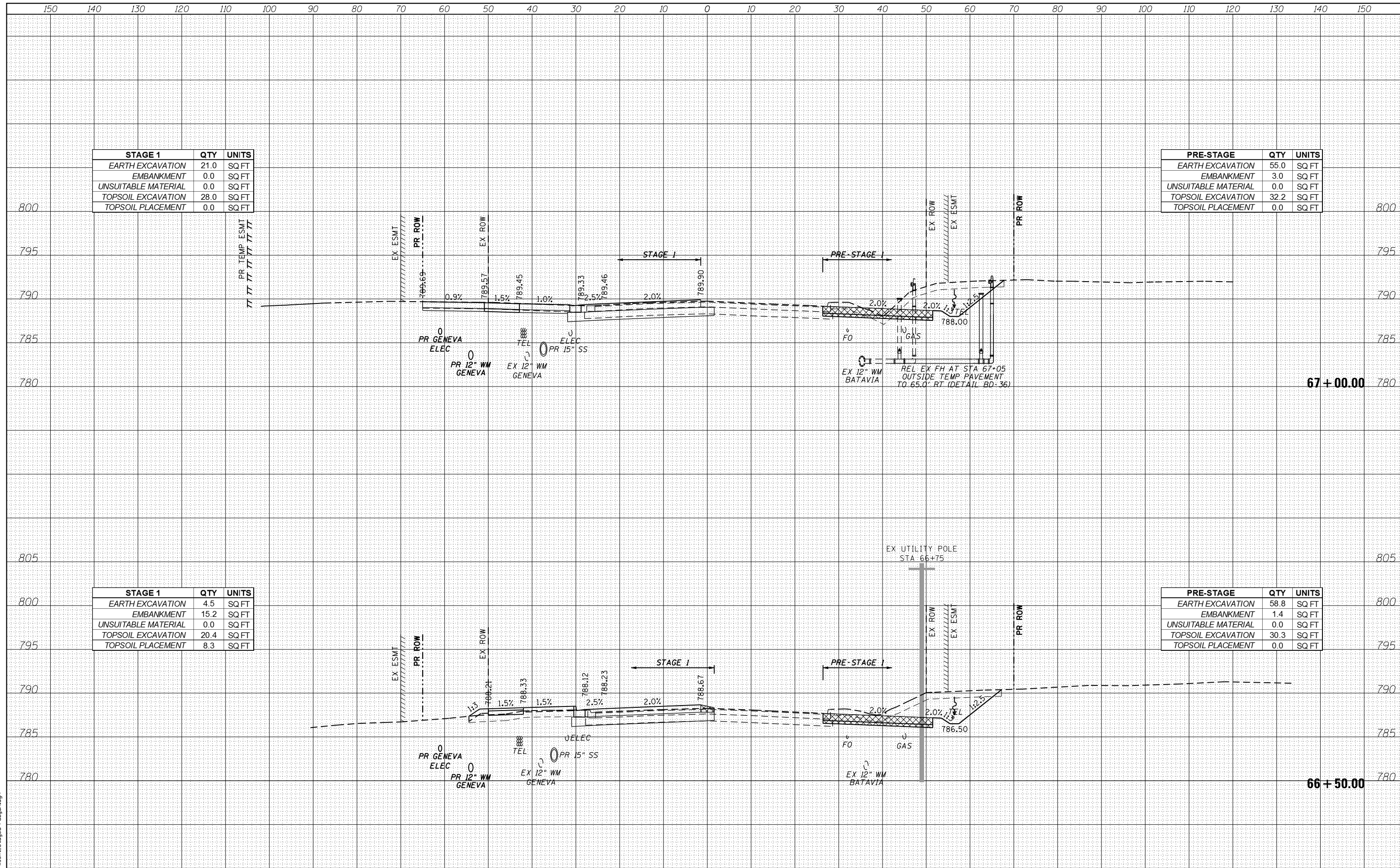
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 14 OF 44 SHEETS STA. 65+50.00 TO STA. 66+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 266
				CONTRACT NO. 61E97
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	21.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	55.0	SQ FT
EMBANKMENT	3.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	32.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	4.5	SQ FT
EMBANKMENT	15.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.4	SQ FT
TOPSOIL PLACEMENT	8.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	58.8	SQ FT
EMBANKMENT	1.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
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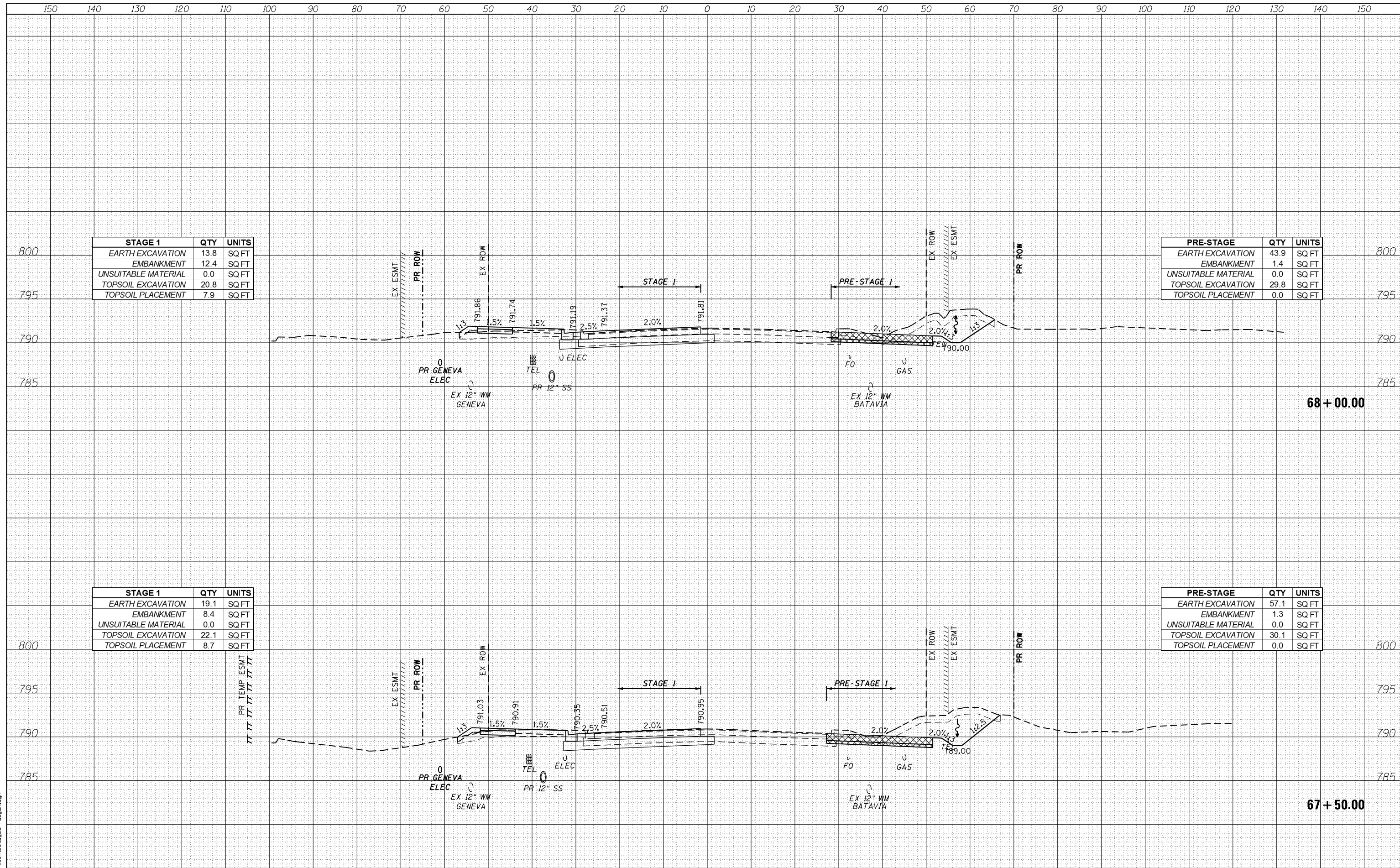
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 15 OF 44 SHEETS STA. 66+50.00 TO STA. 67+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	267
CONTRACT NO. 61E97				

ILLINOIS FED. AID PROJECT



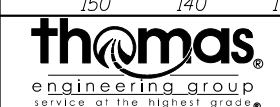
STAGE 1	QTY	UNITS
EARTH EXCAVATION	13.8	SQ FT
EMBANKMENT	12.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.8	SQ FT
TOPSOIL PLACEMENT	7.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	43.9	SQ FT
EMBANKMENT	1.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	29.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	19.1	SQ FT
EMBANKMENT	8.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	22.1	SQ FT
TOPSOIL PLACEMENT	8.7	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	57.1	SQ FT
EMBANKMENT	1.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xsh-t.Staged-Fabjan.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
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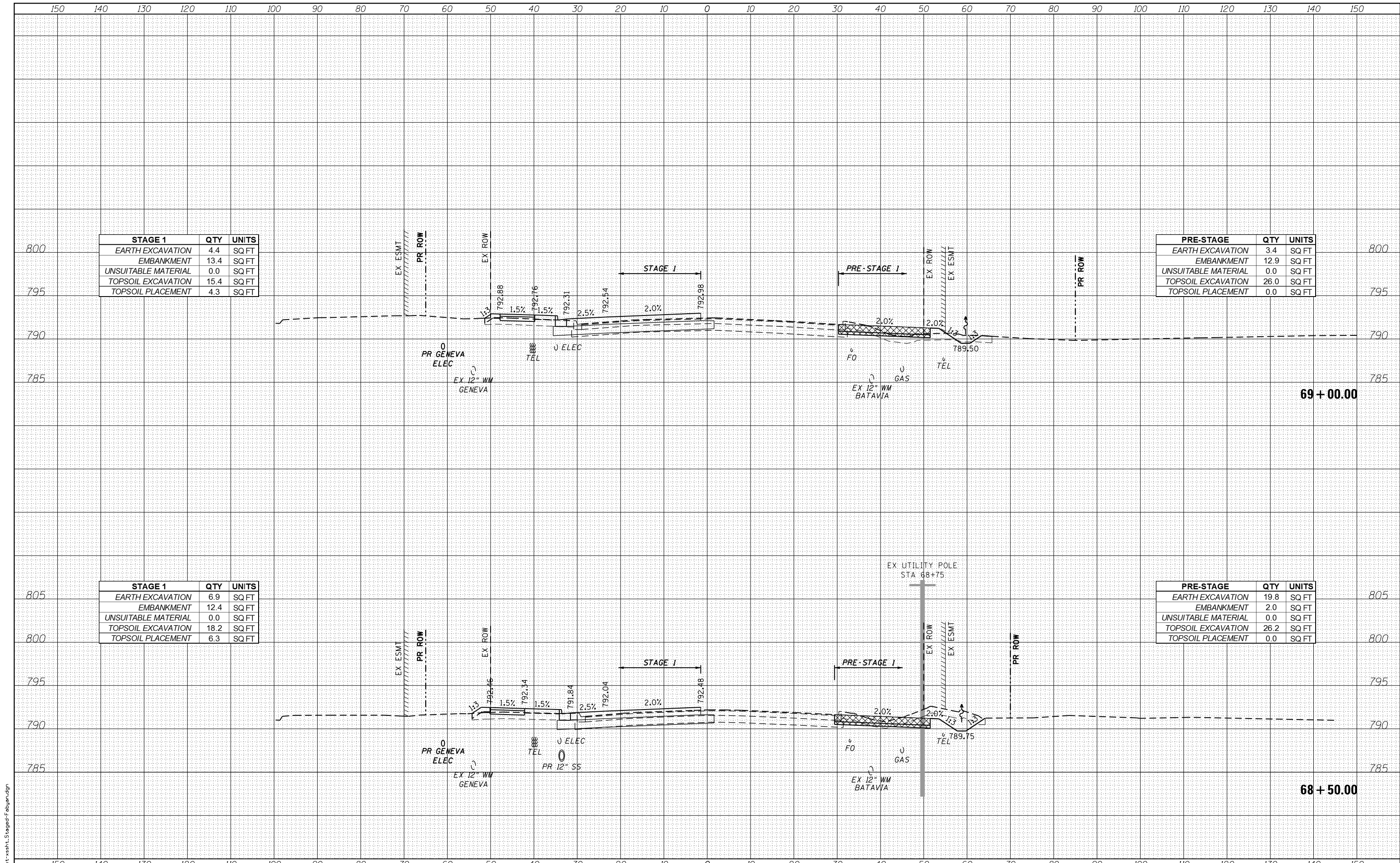
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 16 OF 44 SHEETS STA. 67+50.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	268
CONTRACT NO. 61E97				

ILLINOIS FED. AID PROJECT



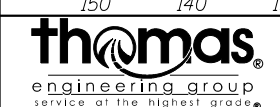
STAGE 1	QTY	UNITS
EARTH EXCAVATION	4.4	SQ FT
EMBANKMENT	13.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	15.4	SQ FT
TOPSOIL PLACEMENT	4.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.4	SQ FT
EMBANKMENT	12.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	6.9	SQ FT
EMBANKMENT	12.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	18.2	SQ FT
TOPSOIL PLACEMENT	6.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	19.8	SQ FT
EMBANKMENT	2.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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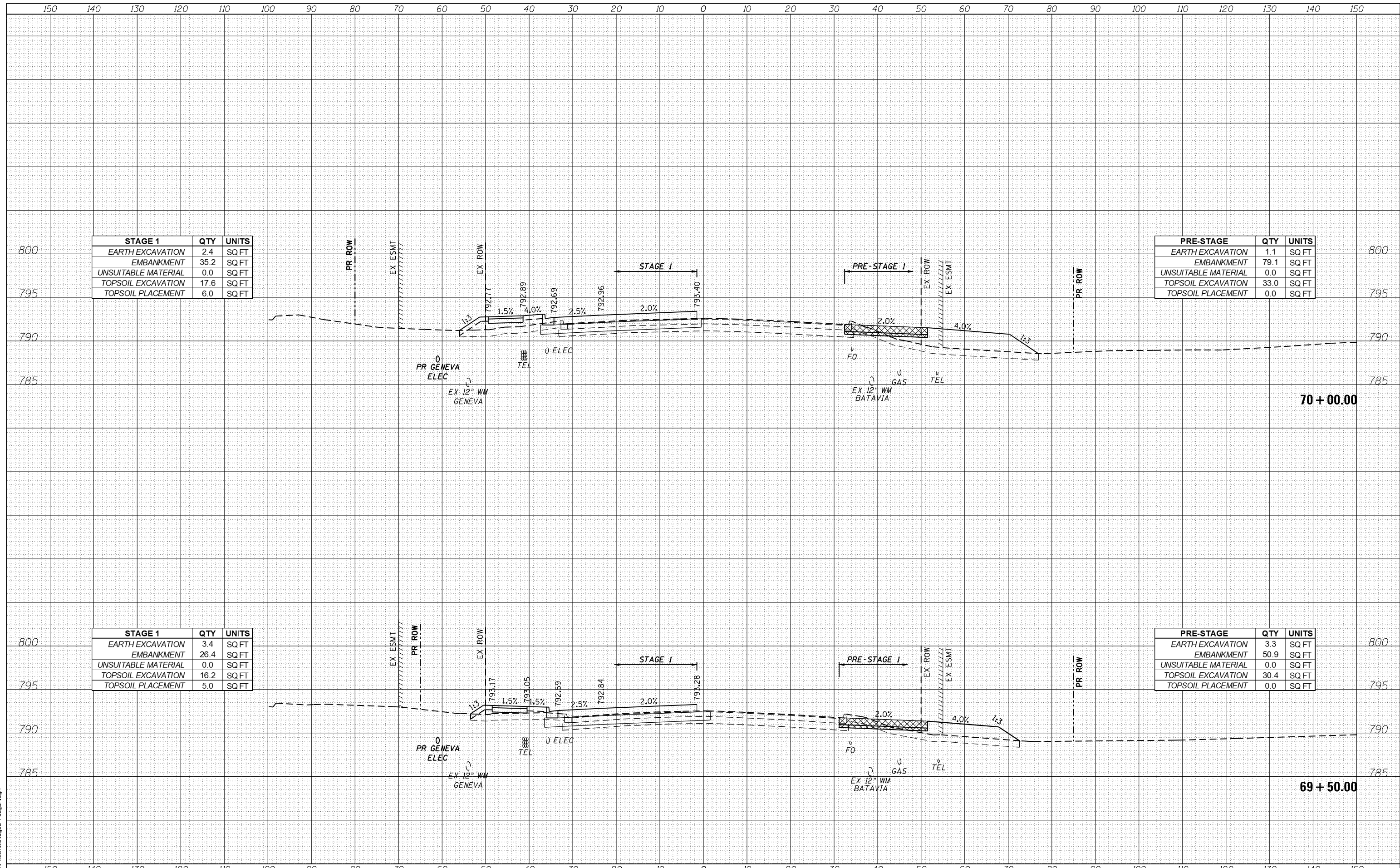
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 17 OF 44 SHEETS STA. 68+50.00 TO STA. 69+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 269
				CONTRACT NO. 61E97
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	2.4	SQ FT
EMBANKMENT	35.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	17.6	SQ FT
TOPSOIL PLACEMENT	6.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.1	SQ FT
EMBANKMENT	79.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	33.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	3.4	SQ FT
EMBANKMENT	26.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	16.2	SQ FT
TOPSOIL PLACEMENT	5.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.3	SQ FT
EMBANKMENT	50.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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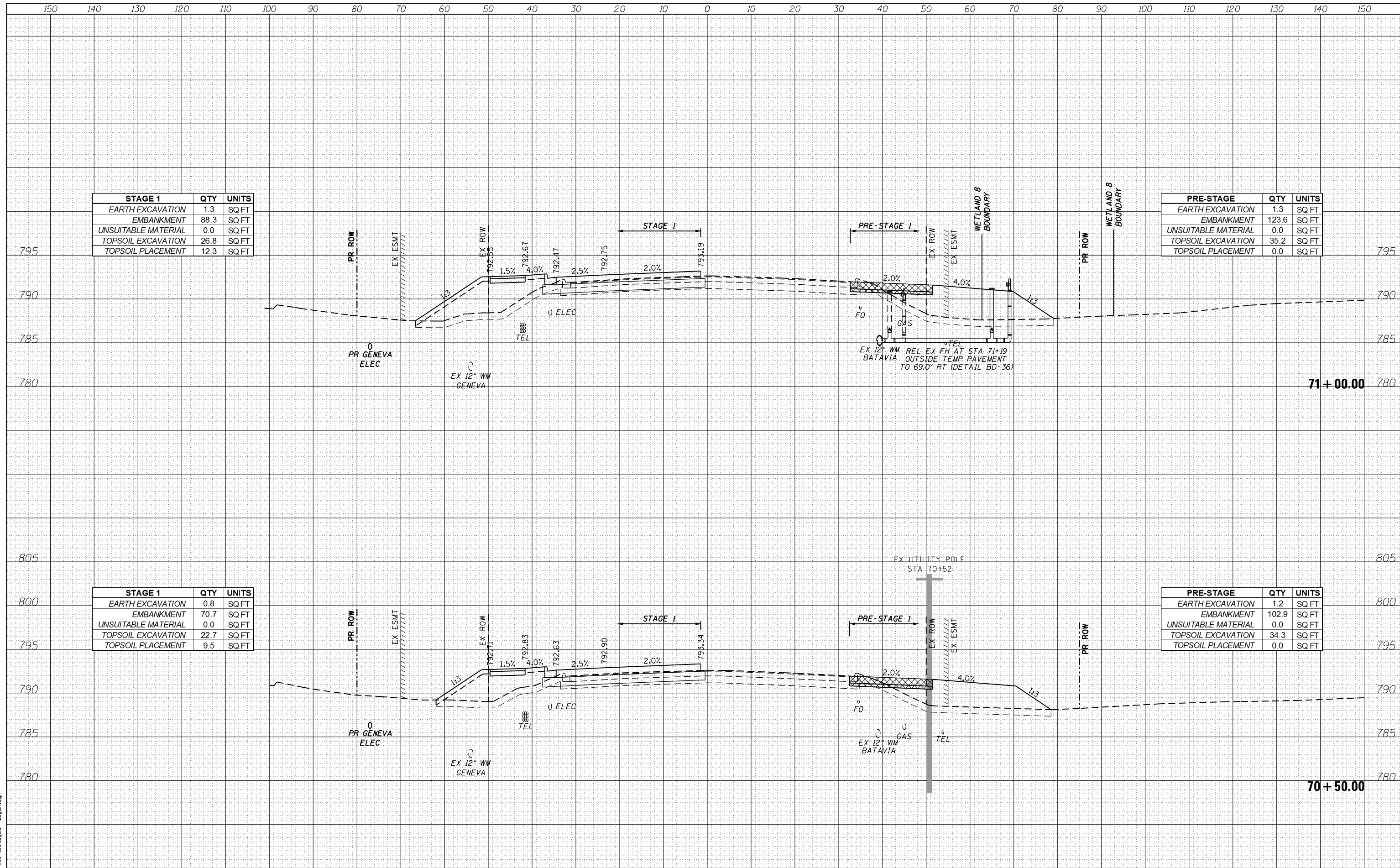
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 18 OF 44 SHEETS STA. 69+50.00 TO STA. 70+00.00

F.A.P. R.T.E. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 270
				CONTRACT NO. 61E97
ILLINOIS FED. AID PROJECT				



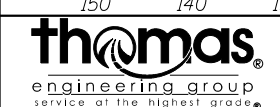
STAGE 1	QTY	UNITS
EARTH EXCAVATION	1.3	SQ FT
EMBANKMENT	88.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.8	SQ FT
TOPSOIL PLACEMENT	12.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.3	SQ FT
EMBANKMENT	123.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	35.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.8	SQ FT
EMBANKMENT	70.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	22.7	SQ FT
TOPSOIL PLACEMENT	9.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.2	SQ FT
EMBANKMENT	102.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	34.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xsh-t-Staged-Fabjan.dgn



USER NAME - TEG	DESIGNED - VJM	REVISED -
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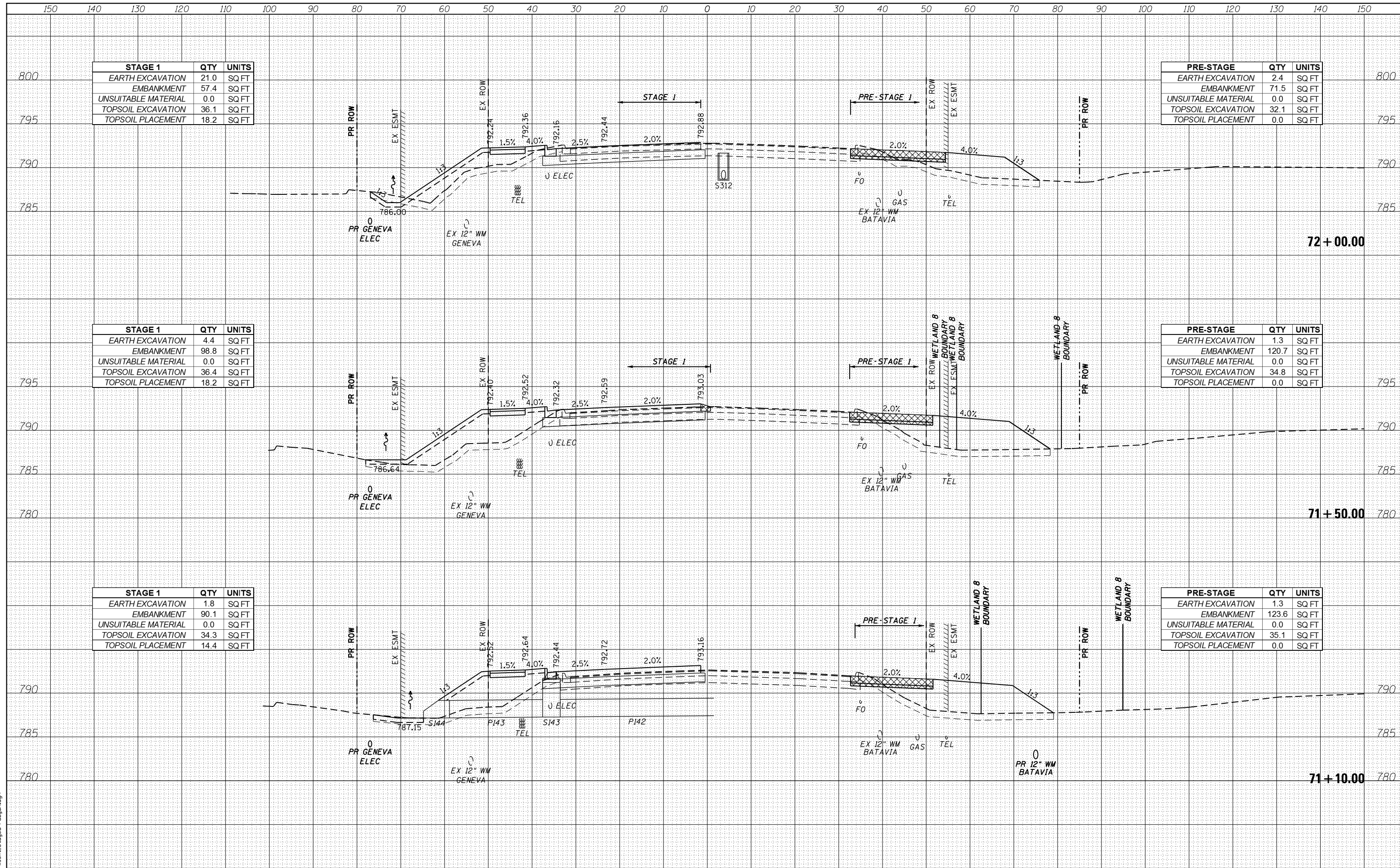
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 19 OF 44 SHEETS STA. 70+50.00 TO STA. 71+00.00

F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	271
CONTRACT NO. 61E97				

ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	21.0	SQ FT
EMBANKMENT	57.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.1	SQ FT
TOPSOIL PLACEMENT	18.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.4	SQ FT
EMBANKMENT	71.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	32.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	4.4	SQ FT
EMBANKMENT	98.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.4	SQ FT
TOPSOIL PLACEMENT	18.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.3	SQ FT
EMBANKMENT	120.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	34.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	1.8	SQ FT
EMBANKMENT	90.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	34.3	SQ FT
TOPSOIL PLACEMENT	14.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.3	SQ FT
EMBANKMENT	123.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	35.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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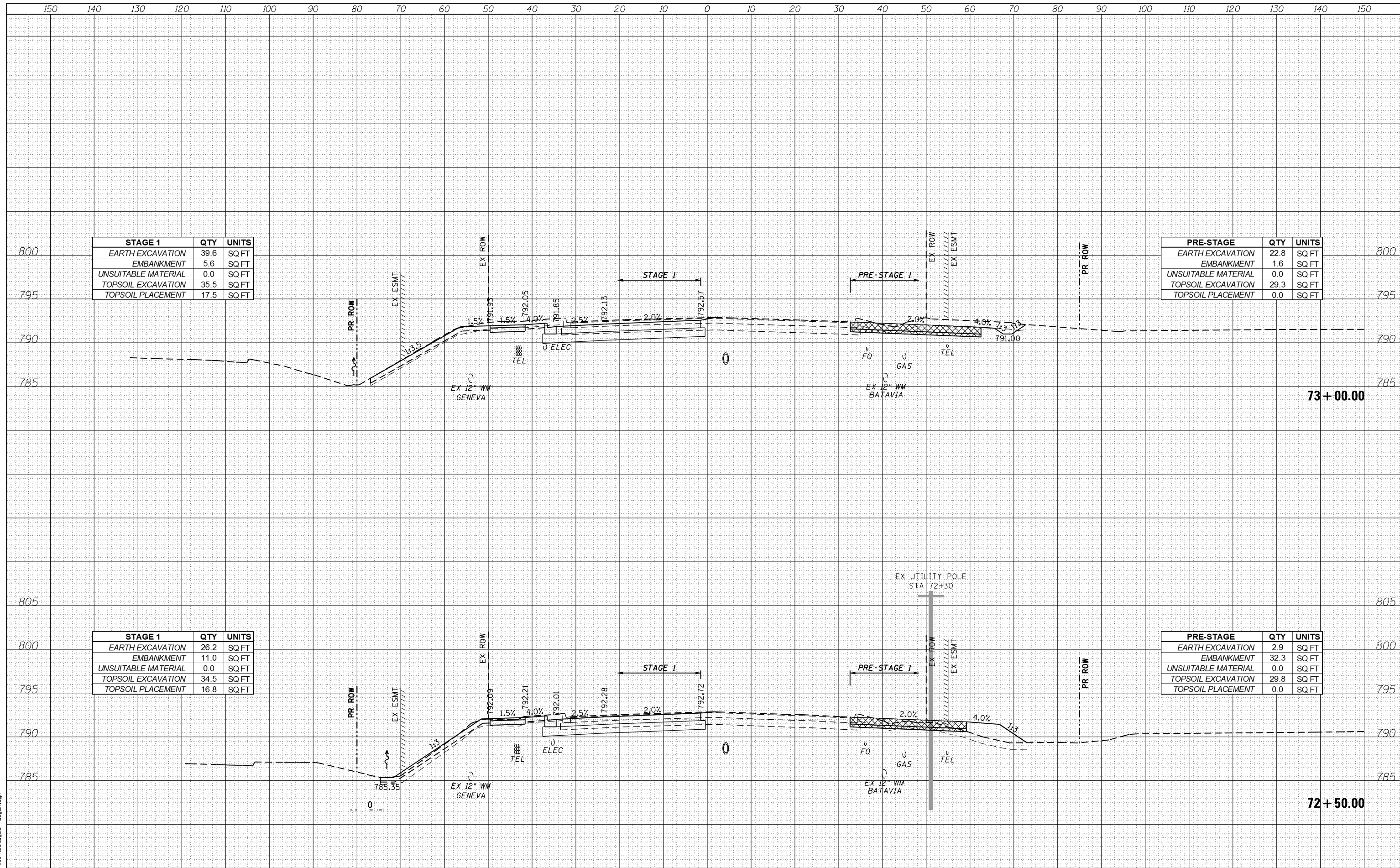
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGED CROSS SECTIONS
 FABYAN PARKWAY
 SCALE: 1"=10'
 SHEET 20 OF 44 SHEETS
 STA. 71+10.00 TO STA. 72+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	272

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



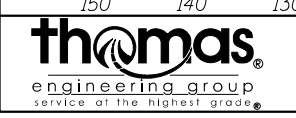
STAGE 1	QTY	UNITS
EARTH EXCAVATION	39.6	SQ FT
EMBANKMENT	5.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	35.5	SQ FT
TOPSOIL PLACEMENT	17.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	22.8	SQ FT
EMBANKMENT	1.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	29.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	26.2	SQ FT
EMBANKMENT	11.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	34.5	SQ FT
TOPSOIL PLACEMENT	16.8	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.9	SQ FT
EMBANKMENT	32.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	29.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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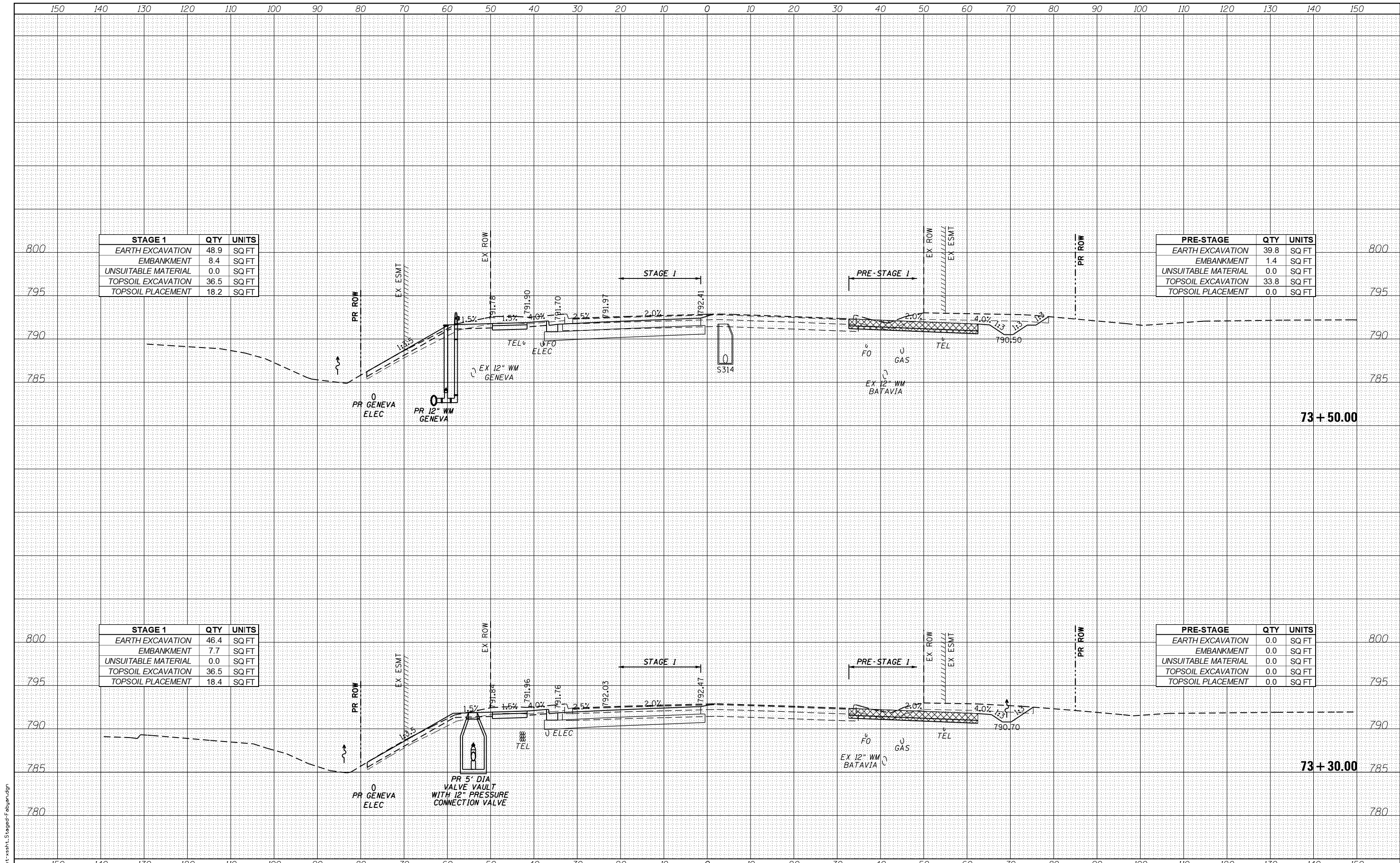
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 21 OF 44 SHEETS STA. 72+50.00 TO STA. 73+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 273
CONTRACT NO. 61E97				ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	48.9	SQ FT
EMBANKMENT	8.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.5	SQ FT
TOPSOIL PLACEMENT	18.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	39.8	SQ FT
EMBANKMENT	1.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	33.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	46.4	SQ FT
EMBANKMENT	7.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.5	SQ FT
TOPSOIL PLACEMENT	18.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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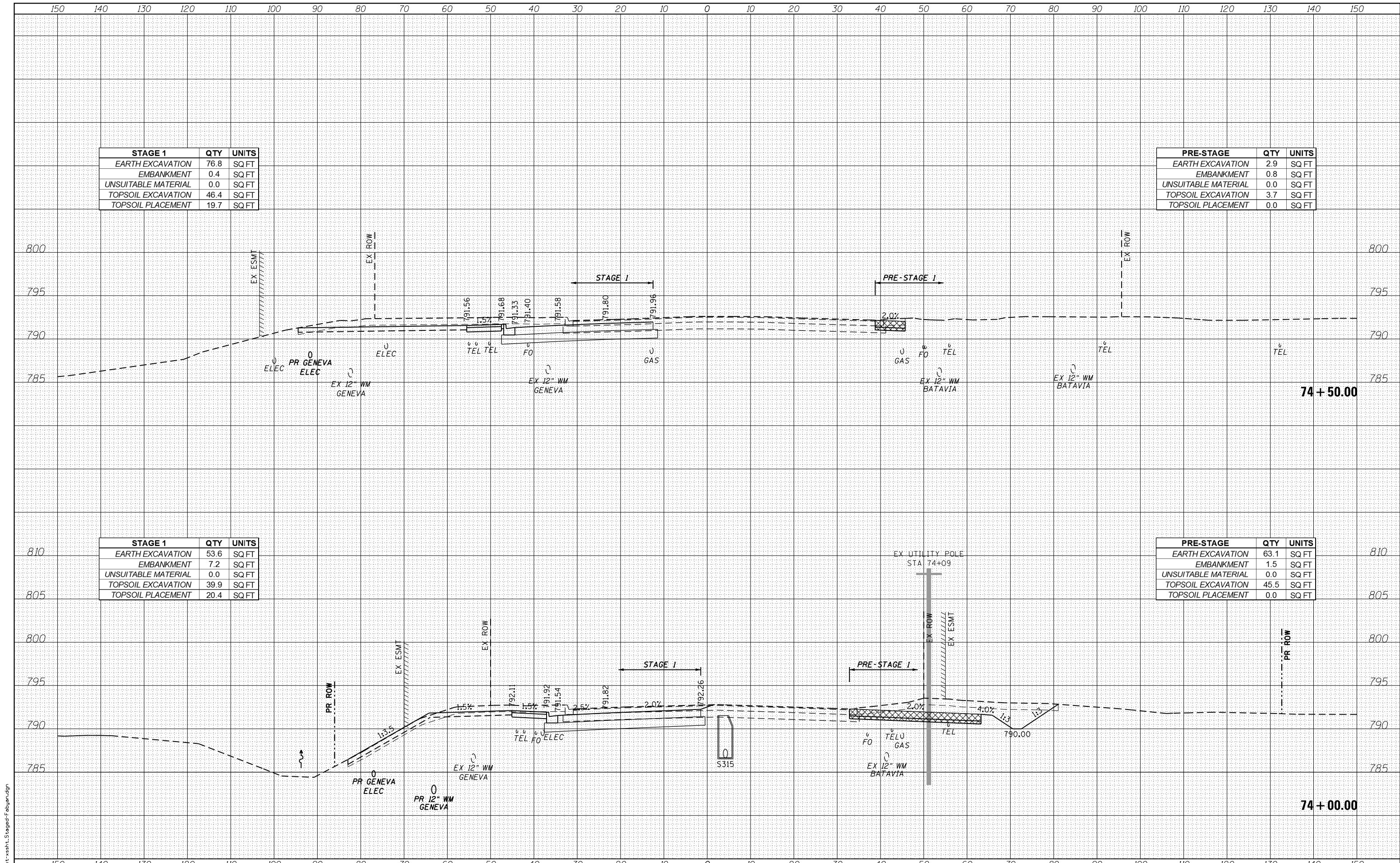
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
 FABYAN PARKWAY**
 SCALE: 1"=10'
 SHEET 22 OF 44 SHEETS
 STA. 73+30.00 TO STA. 73+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	274

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	76.8	SQ FT
EMBANKMENT	0.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	46.4	SQ FT
TOPSOIL PLACEMENT	19.7	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.9	SQ FT
EMBANKMENT	0.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	3.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	53.6	SQ FT
EMBANKMENT	7.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	39.9	SQ FT
TOPSOIL PLACEMENT	20.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	63.1	SQ FT
EMBANKMENT	1.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	45.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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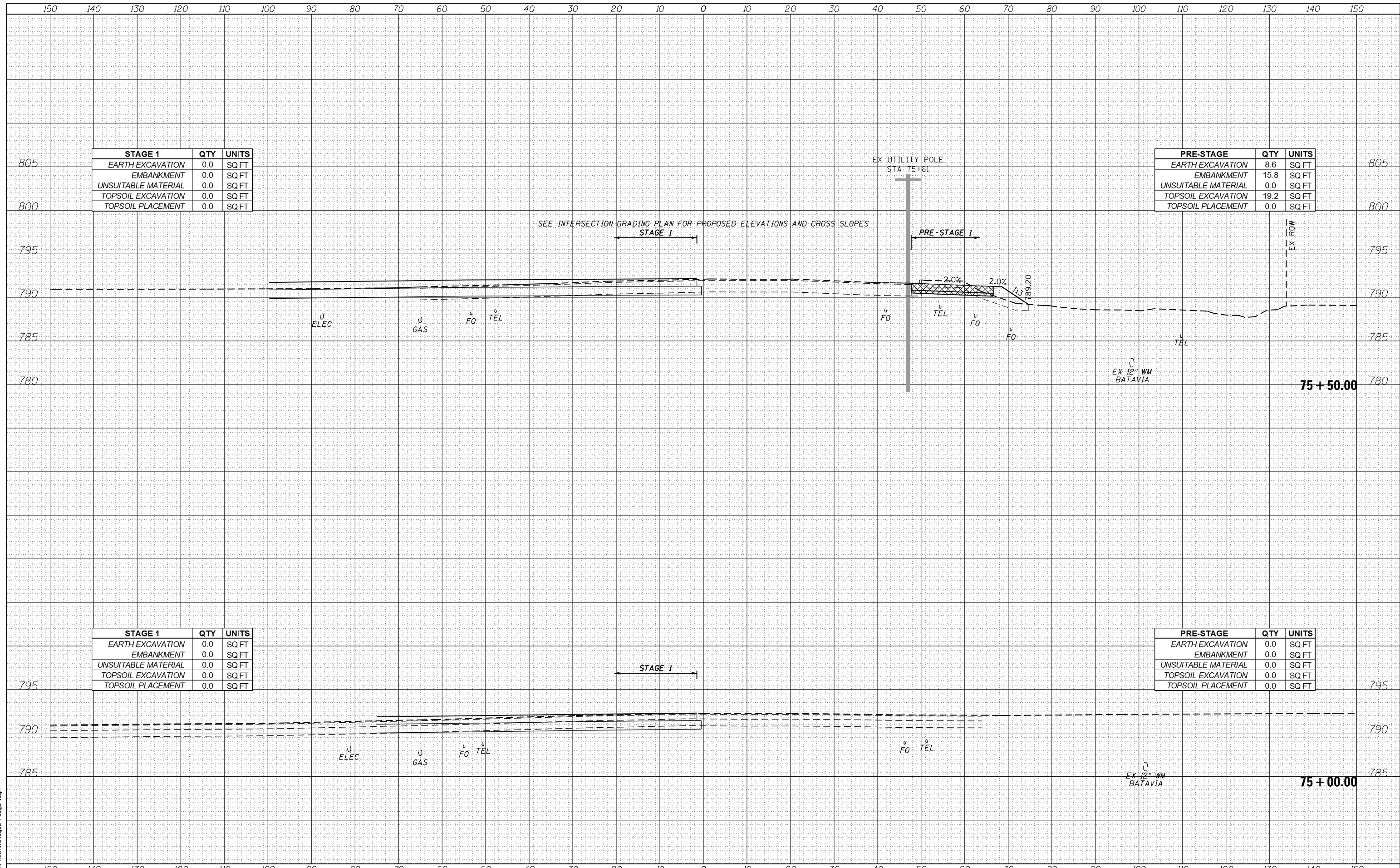
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
 FABYAN PARKWAY**
 SCALE: 1"=10'
 SHEET 23 OF 44 SHEETS
 STA. 74+00.00 TO STA. 74+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	275

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	8.6	SQ FT
EMBANKMENT	15.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	19.2	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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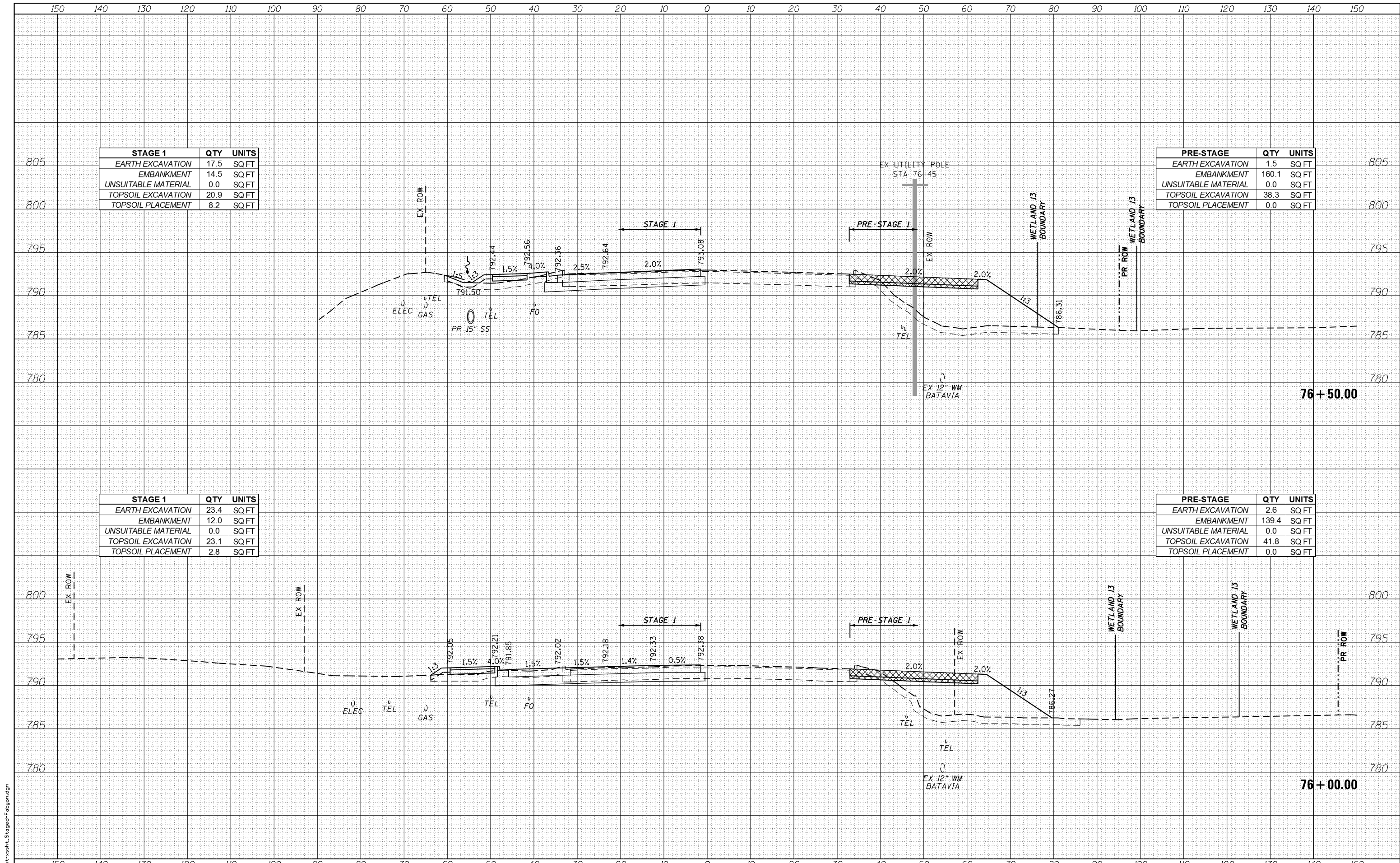
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 24 OF 44 SHEETS STA. 75+00.00 TO STA. 75+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 276
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	17.5	SQ FT
EMBANKMENT	14.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.9	SQ FT
TOPSOIL PLACEMENT	8.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.5	SQ FT
EMBANKMENT	160.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	38.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	23.4	SQ FT
EMBANKMENT	12.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	23.1	SQ FT
TOPSOIL PLACEMENT	2.8	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.6	SQ FT
EMBANKMENT	139.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	41.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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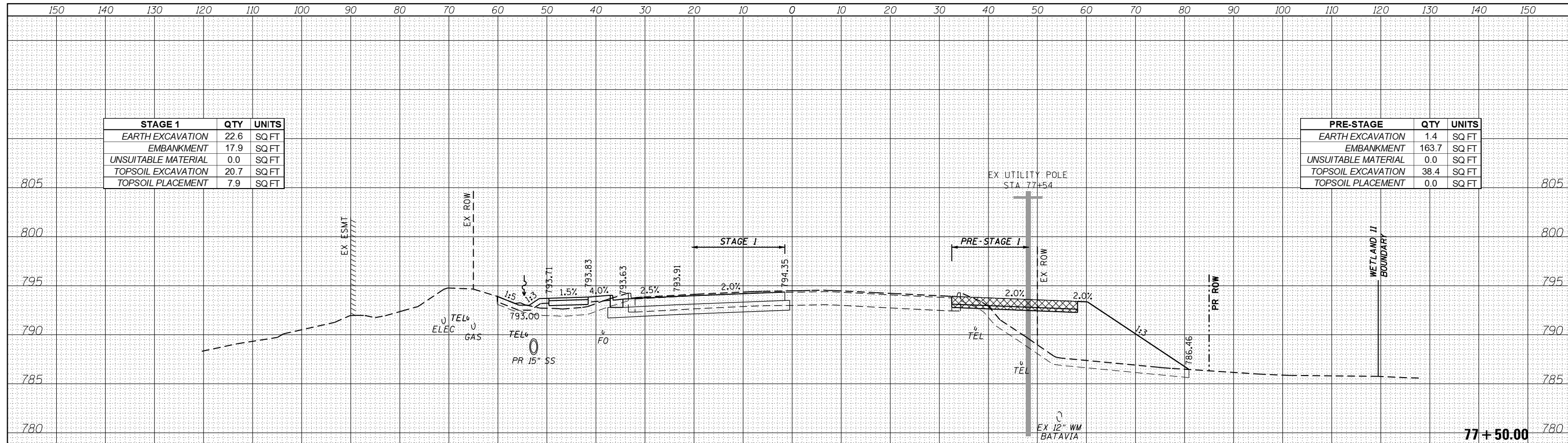
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

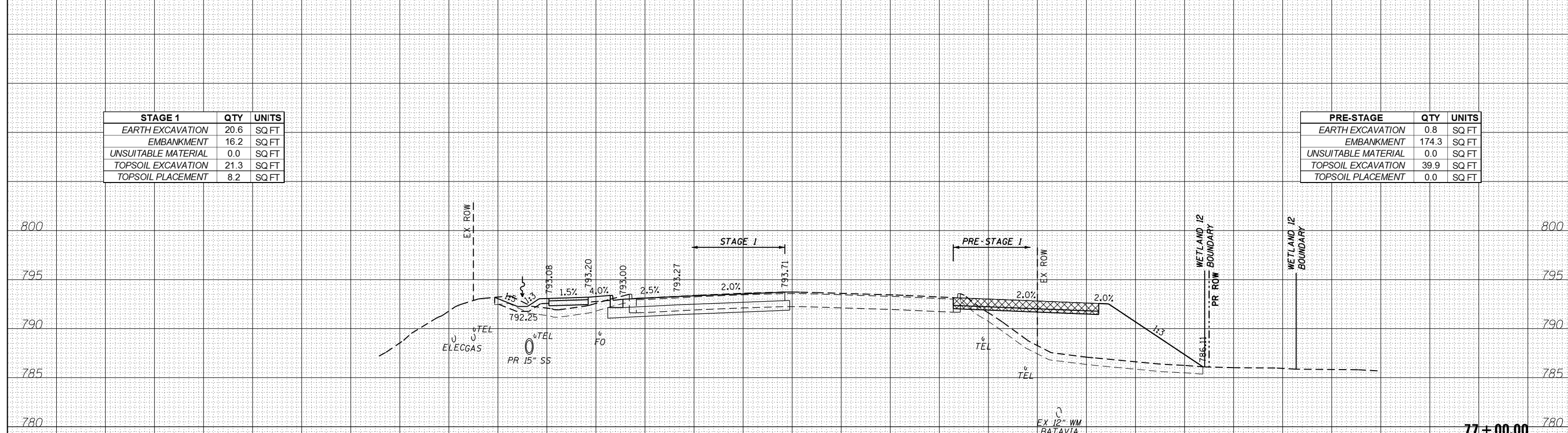
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F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 277
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	22.6	SQ FT
EMBANKMENT	17.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.7	SQ FT
TOPSOIL PLACEMENT	7.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.4	SQ FT
EMBANKMENT	163.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	38.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	20.6	SQ FT
EMBANKMENT	16.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	21.3	SQ FT
TOPSOIL PLACEMENT	8.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.8	SQ FT
EMBANKMENT	174.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	39.9	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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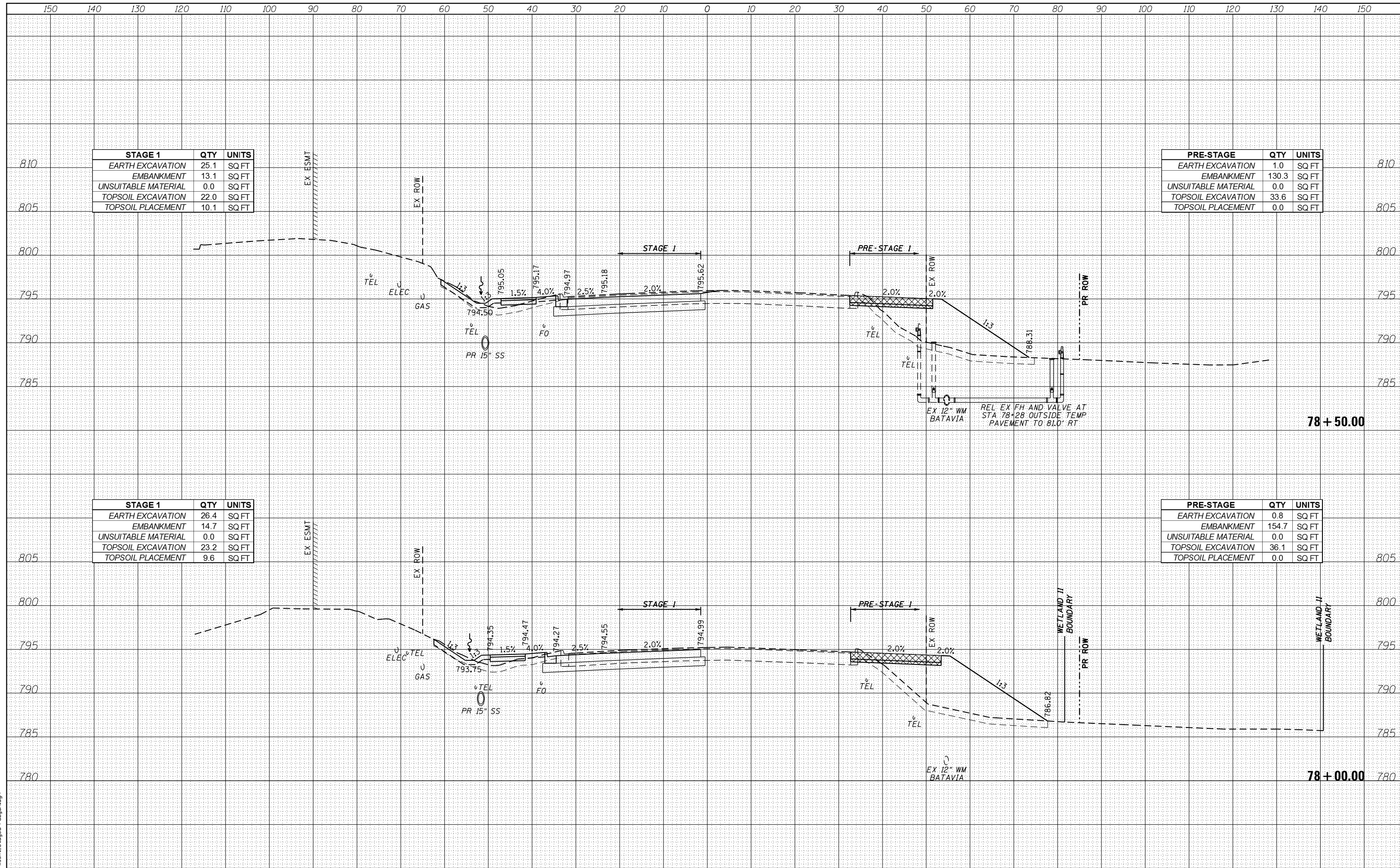
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 26 OF 44 SHEETS STA. 77+00.00 TO STA. 77+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 278
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	25.1	SQ FT
EMBANKMENT	13.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	22.0	SQ FT
TOPSOIL PLACEMENT	10.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.0	SQ FT
EMBANKMENT	130.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	33.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	26.4	SQ FT
EMBANKMENT	14.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	23.2	SQ FT
TOPSOIL PLACEMENT	9.6	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.8	SQ FT
EMBANKMENT	154.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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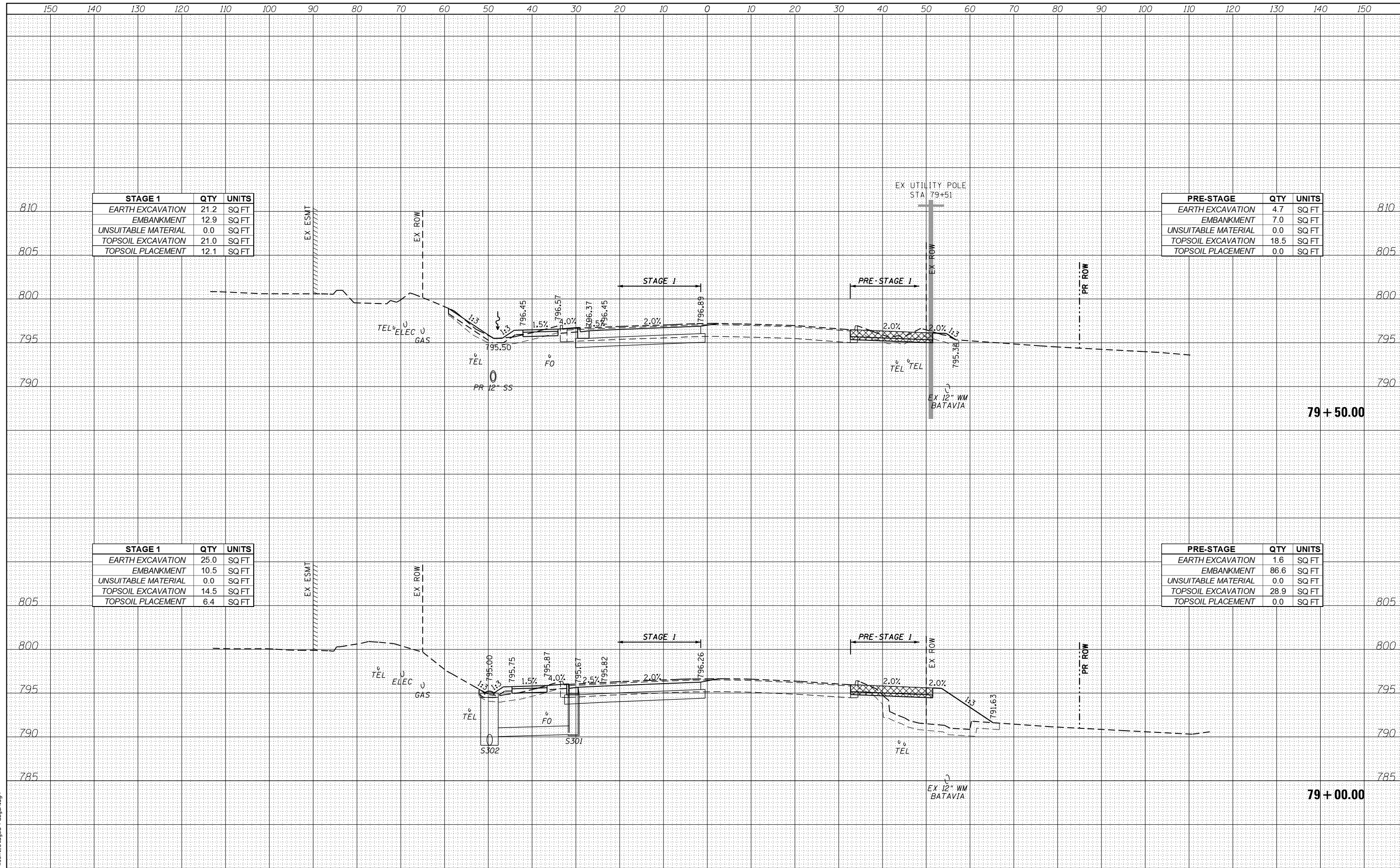
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 27 OF 44 SHEETS STA. 78+00.00 TO STA. 78+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 279
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	21.2	SQ FT
EMBANKMENT	12.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	21.0	SQ FT
TOPSOIL PLACEMENT	12.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.7	SQ FT
EMBANKMENT	7.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	18.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	25.0	SQ FT
EMBANKMENT	10.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	14.5	SQ FT
TOPSOIL PLACEMENT	6.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.6	SQ FT
EMBANKMENT	86.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.9	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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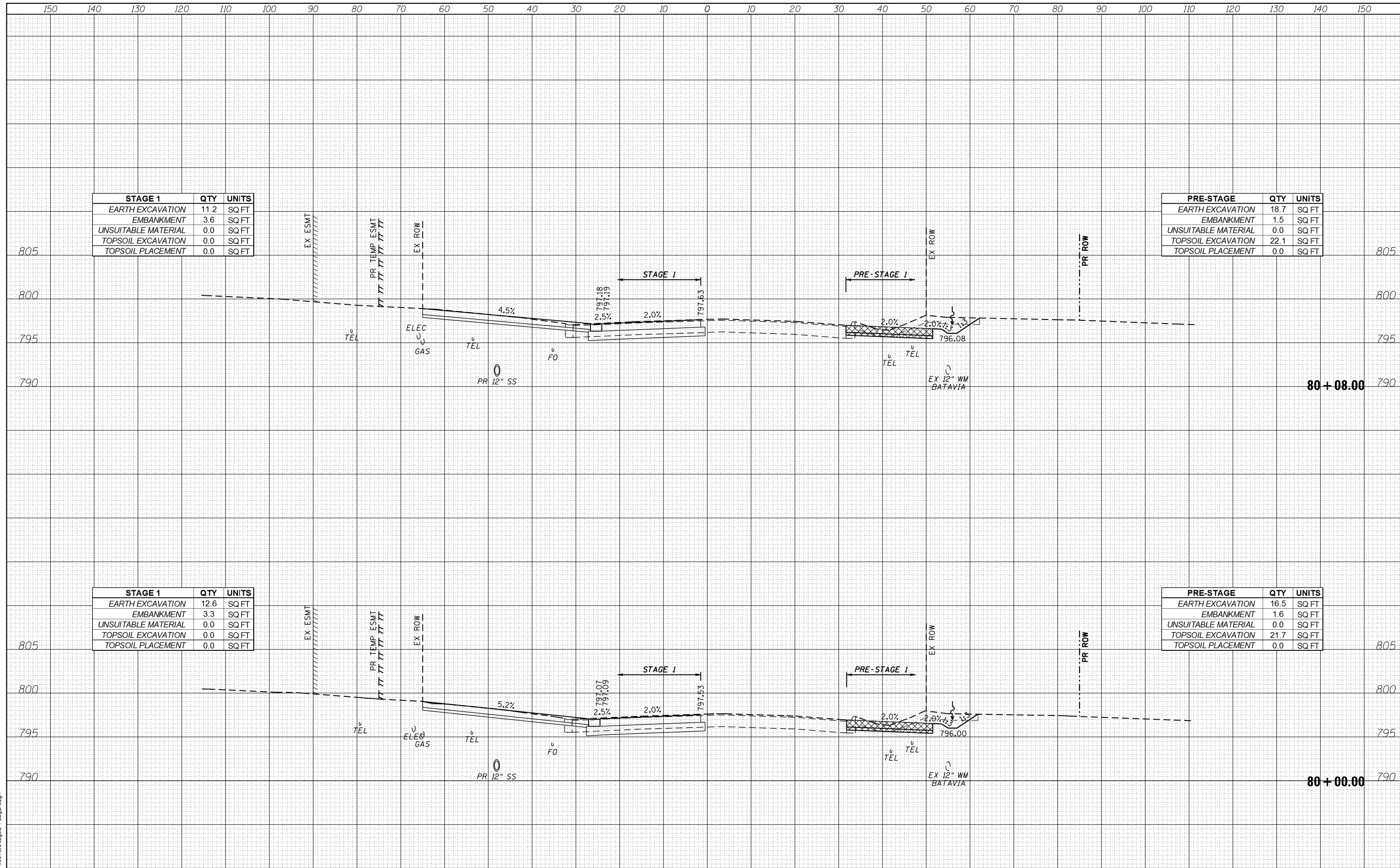
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 28 OF 44 SHEETS STA. 79+00.00 TO STA. 79+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	280
CONTRACT NO. 61E97				

ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	11.2	SQ FT
EMBANKMENT	3.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	18.7	SQ FT
EMBANKMENT	1.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	22.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	12.6	SQ FT
EMBANKMENT	3.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	16.5	SQ FT
EMBANKMENT	1.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	21.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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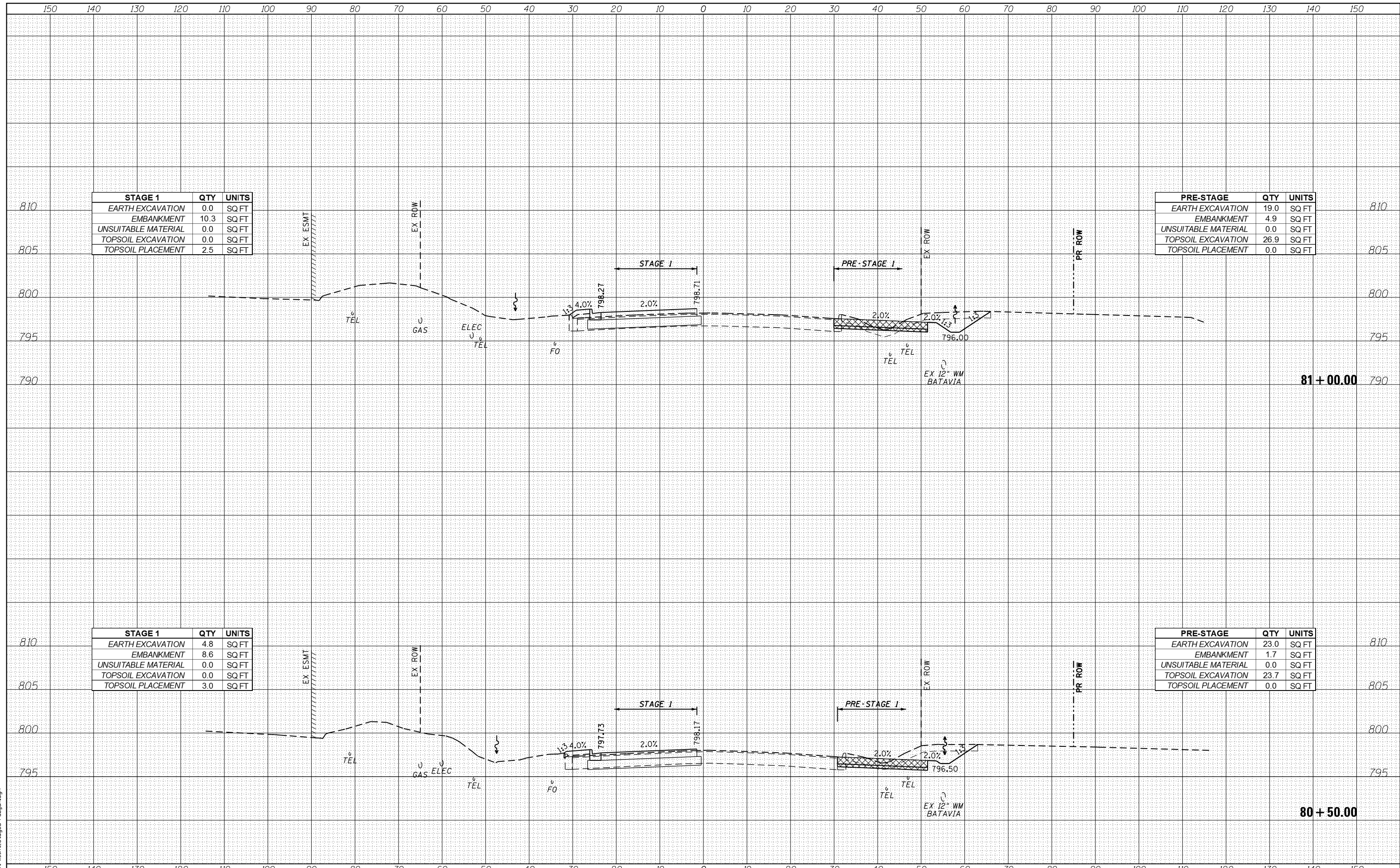
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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 29 OF 44 SHEETS STA. 80+00.00 TO STA. 80+08.00

F.A.P. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	281
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	10.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	2.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	19.0	SQ FT
EMBANKMENT	4.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.9	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	4.8	SQ FT
EMBANKMENT	8.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	3.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	23.0	SQ FT
EMBANKMENT	1.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	23.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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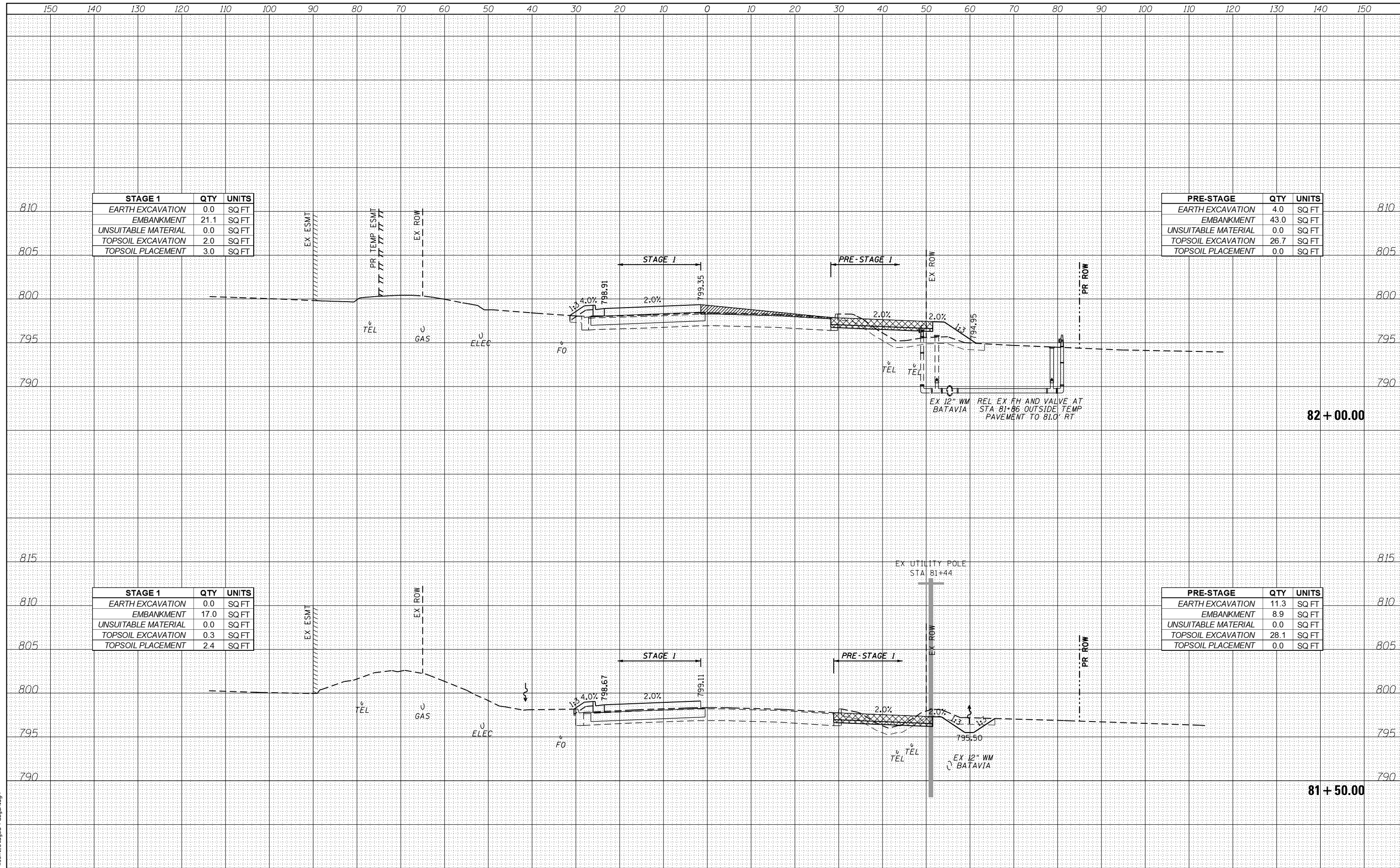
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 30 OF 44 SHEETS STA. 80+50.00 TO STA. 81+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 282
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	21.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	2.0	SQ FT
TOPSOIL PLACEMENT	3.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.0	SQ FT
EMBANKMENT	43.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	17.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.3	SQ FT
TOPSOIL PLACEMENT	2.4	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	11.3	SQ FT
EMBANKMENT	8.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	28.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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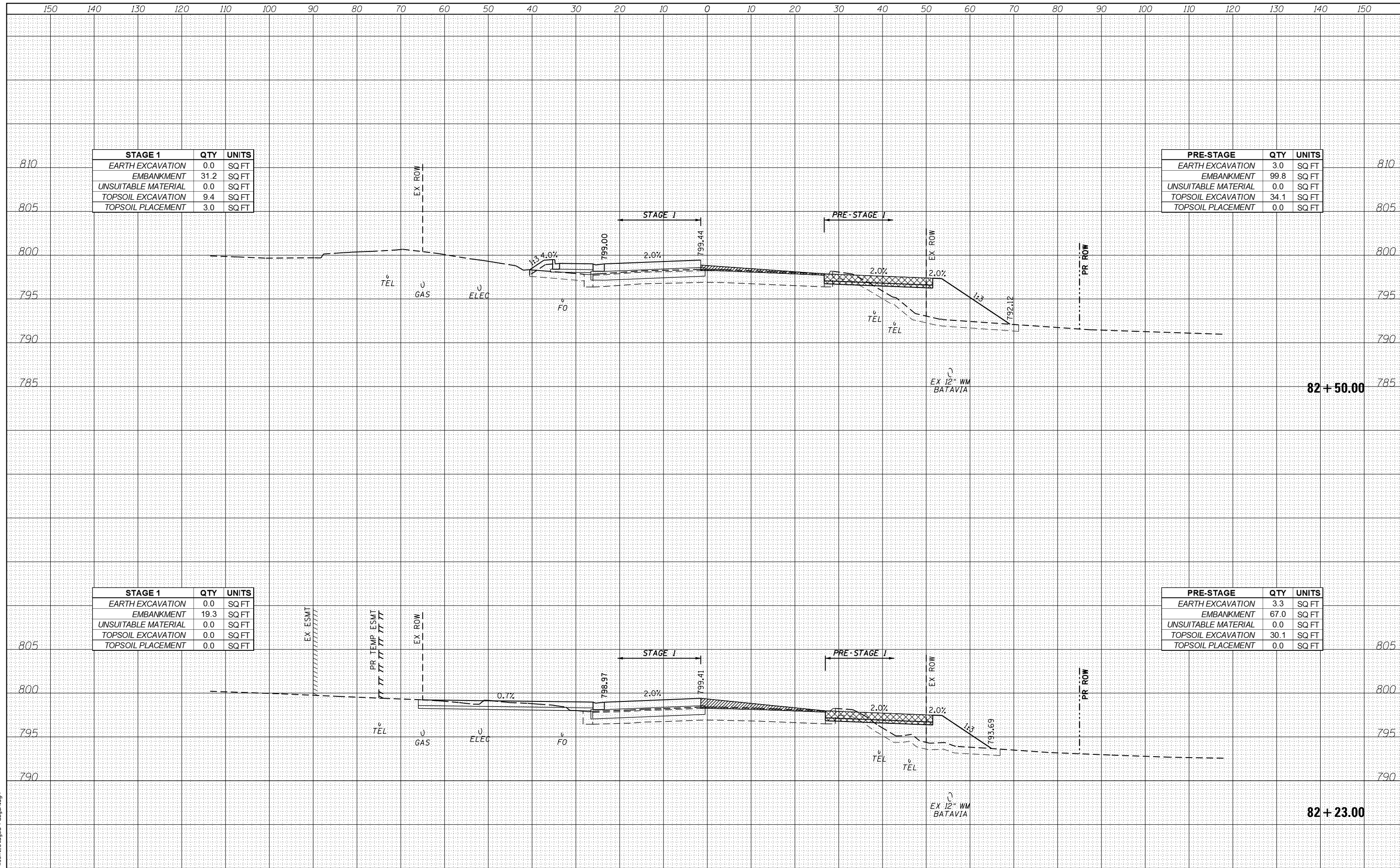
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 31 OF 44 SHEETS STA. 81+50.00 TO STA. 82+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 283
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



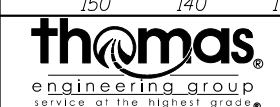
STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	31.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	9.4	SQ FT
TOPSOIL PLACEMENT	3.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.0	SQ FT
EMBANKMENT	99.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	34.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	19.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.3	SQ FT
EMBANKMENT	67.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	30.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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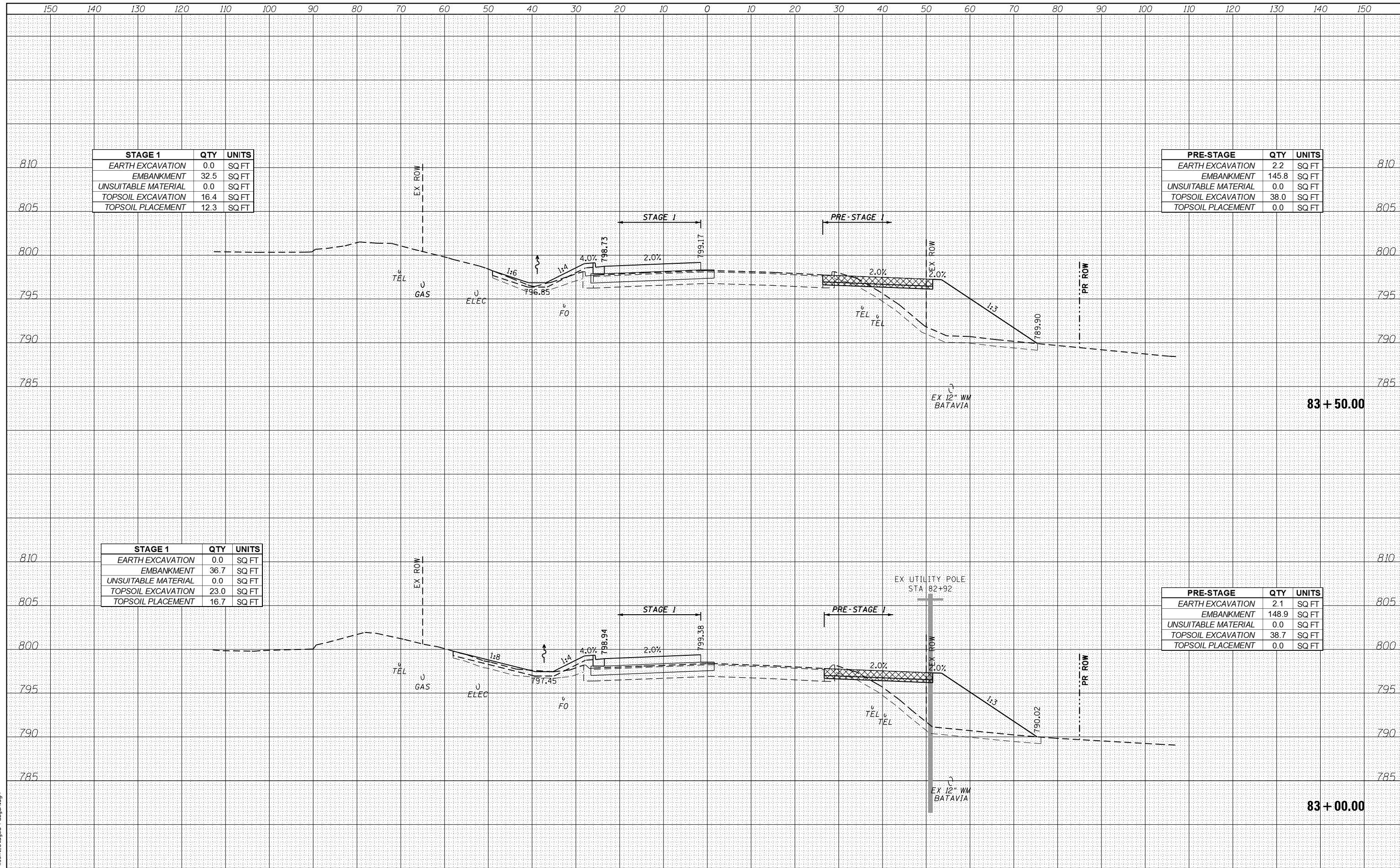
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 32 OF 44 SHEETS STA. 82+23.00 TO STA. 82+50.00

F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	284
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	32.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	16.4	SQ FT
TOPSOIL PLACEMENT	12.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.2	SQ FT
EMBANKMENT	145.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	38.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	36.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	23.0	SQ FT
TOPSOIL PLACEMENT	16.7	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.1	SQ FT
EMBANKMENT	148.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	38.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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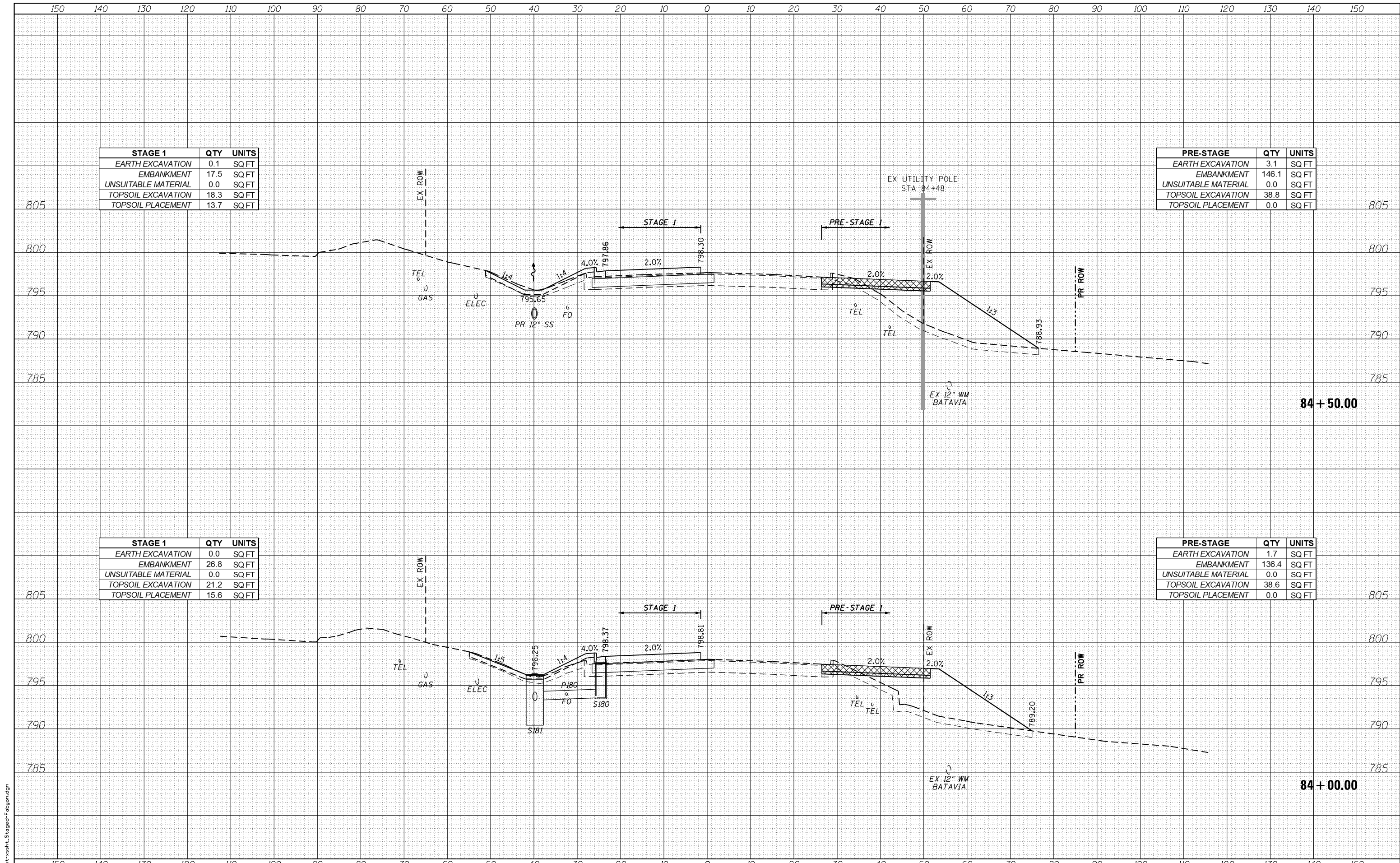
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 33 OF 44 SHEETS STA. 83+00.00 TO STA. 83+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 285
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.1	SQ FT
EMBANKMENT	17.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	18.3	SQ FT
TOPSOIL PLACEMENT	13.7	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.1	SQ FT
EMBANKMENT	146.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	38.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	26.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	21.2	SQ FT
TOPSOIL PLACEMENT	15.6	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.7	SQ FT
EMBANKMENT	136.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	38.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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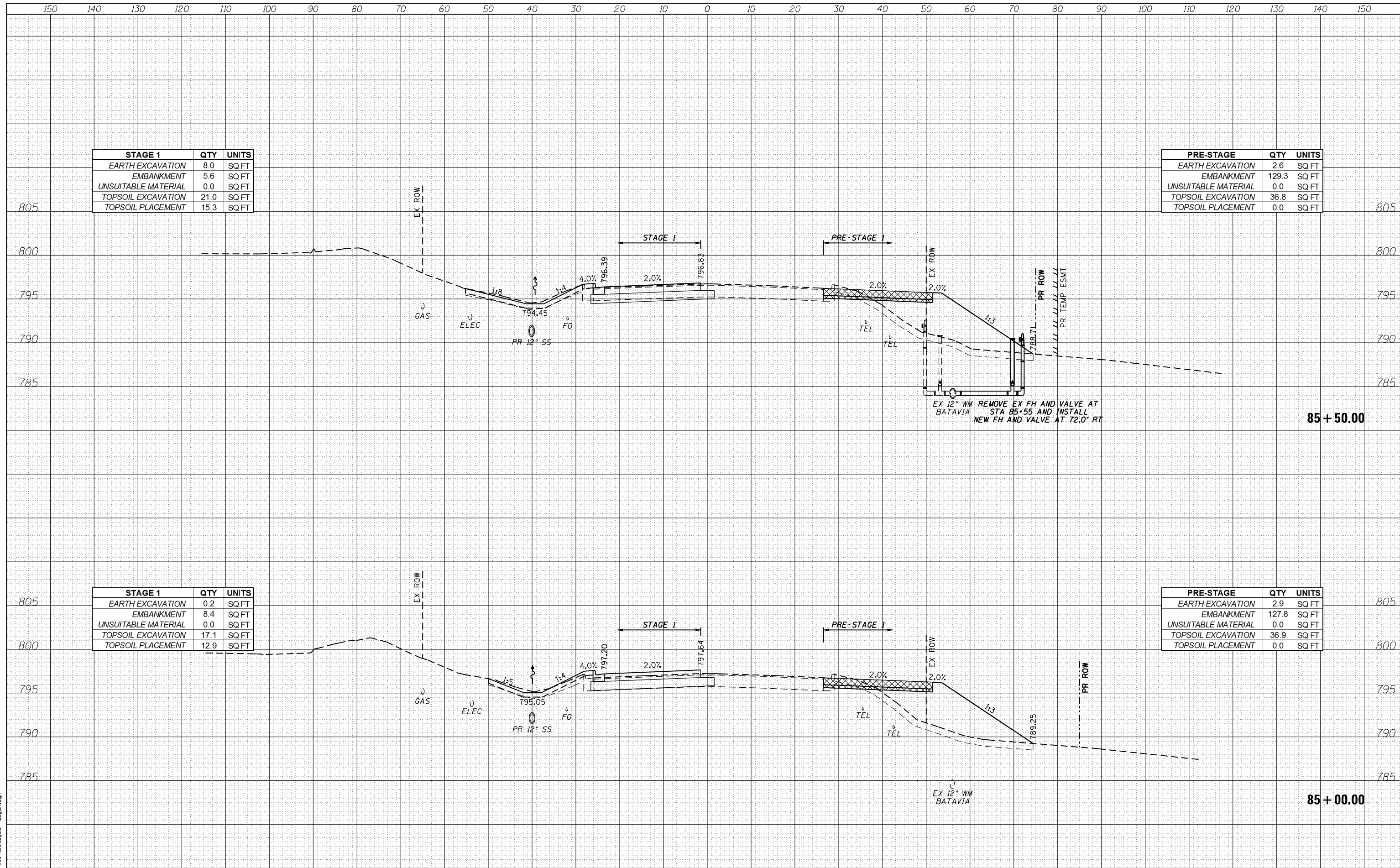
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 34 OF 44 SHEETS STA. 84+00.00 TO STA. 84+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 286
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	8.0	SQ FT
EMBANKMENT	5.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	21.0	SQ FT
TOPSOIL PLACEMENT	15.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.6	SQ FT
EMBANKMENT	129.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.8	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

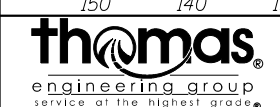
STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.2	SQ FT
EMBANKMENT	8.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	17.1	SQ FT
TOPSOIL PLACEMENT	12.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.9	SQ FT
EMBANKMENT	127.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.9	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

EX 12" WM REMOVE EX FH AND VALVE AT BATAVIA STA 85+55 AND INSTALL NEW FH AND VALVE AT 72.0' RT

EX 12" WM BATAVIA

FILE NAME = aht-xash_t.Staged-Fabjan.dgn



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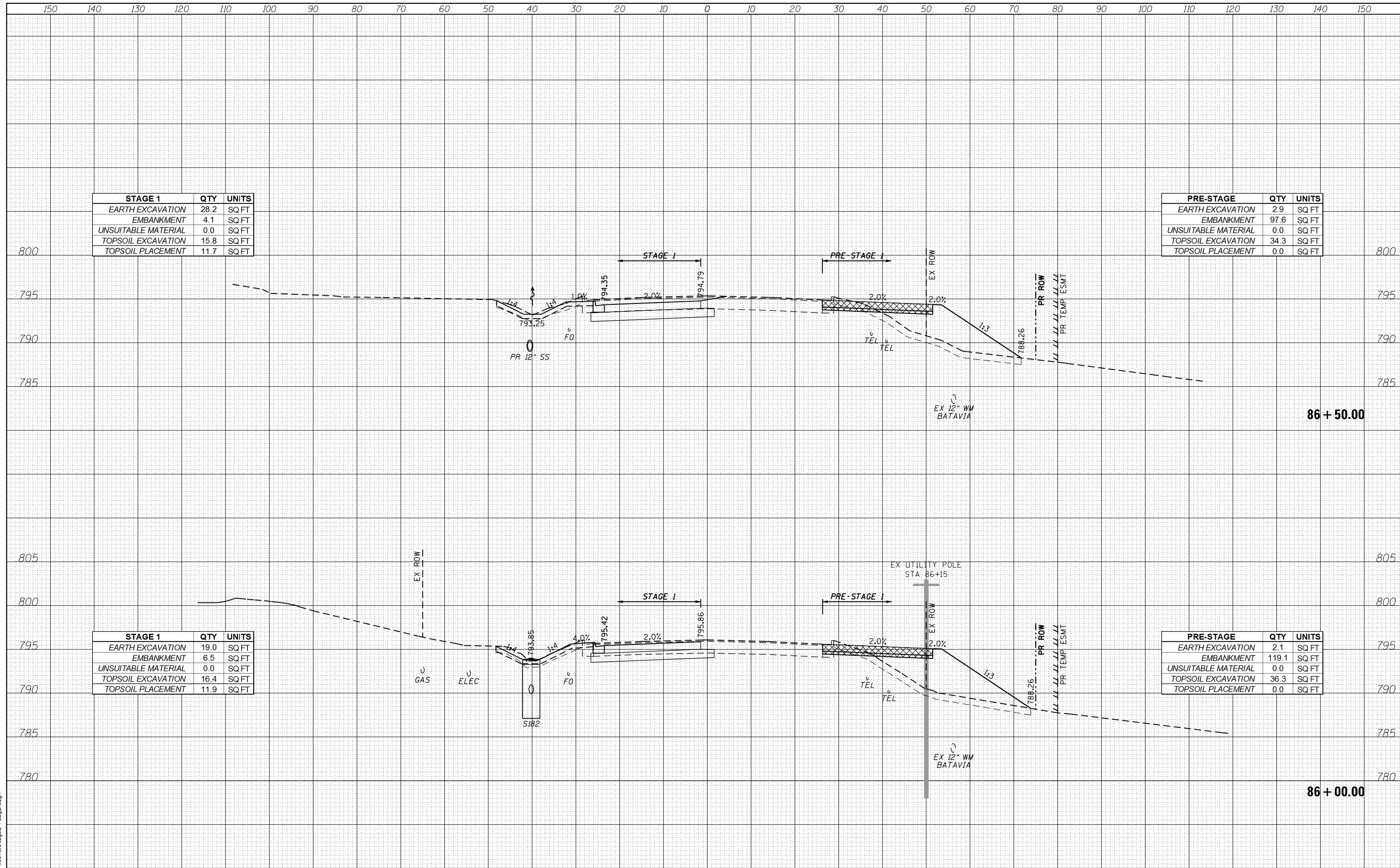
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 35 OF 44 SHEETS STA. 85+00.00 TO STA. 85+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 287
				CONTRACT NO. 61E97

ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	28.2	SQ FT
EMBANKMENT	4.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	15.8	SQ FT
TOPSOIL PLACEMENT	11.7	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.9	SQ FT
EMBANKMENT	97.6	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	34.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	19.0	SQ FT
EMBANKMENT	6.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	16.4	SQ FT
TOPSOIL PLACEMENT	11.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	2.1	SQ FT
EMBANKMENT	119.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	36.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xsh-t.Staged-Fabjan.dgn



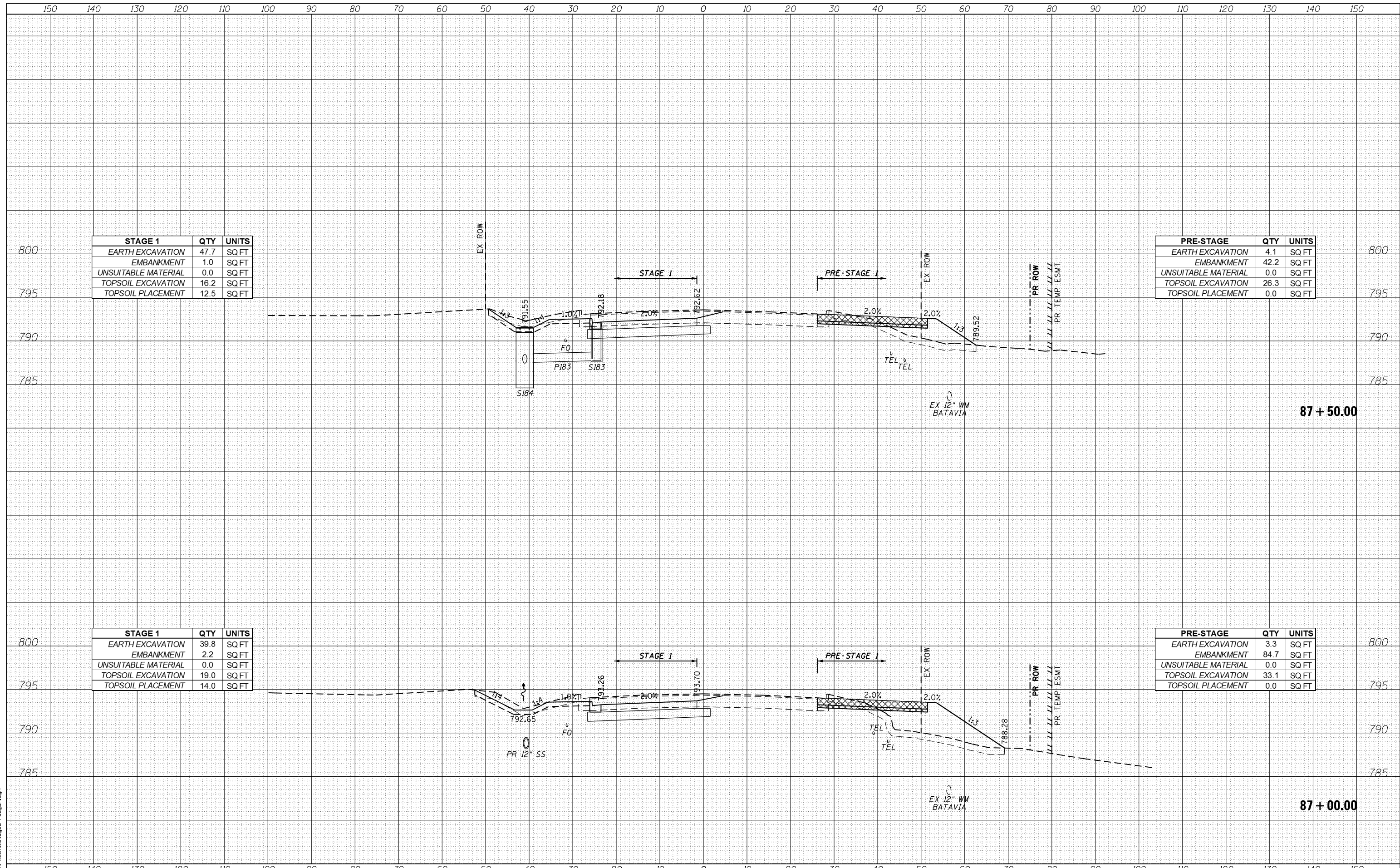
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 36 OF 44 SHEETS STA. 86+00.00 TO STA. 86+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 288
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	47.7	SQ FT
EMBANKMENT	1.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	16.2	SQ FT
TOPSOIL PLACEMENT	12.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.1	SQ FT
EMBANKMENT	42.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	26.3	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	39.8	SQ FT
EMBANKMENT	2.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	19.0	SQ FT
TOPSOIL PLACEMENT	14.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.3	SQ FT
EMBANKMENT	84.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	33.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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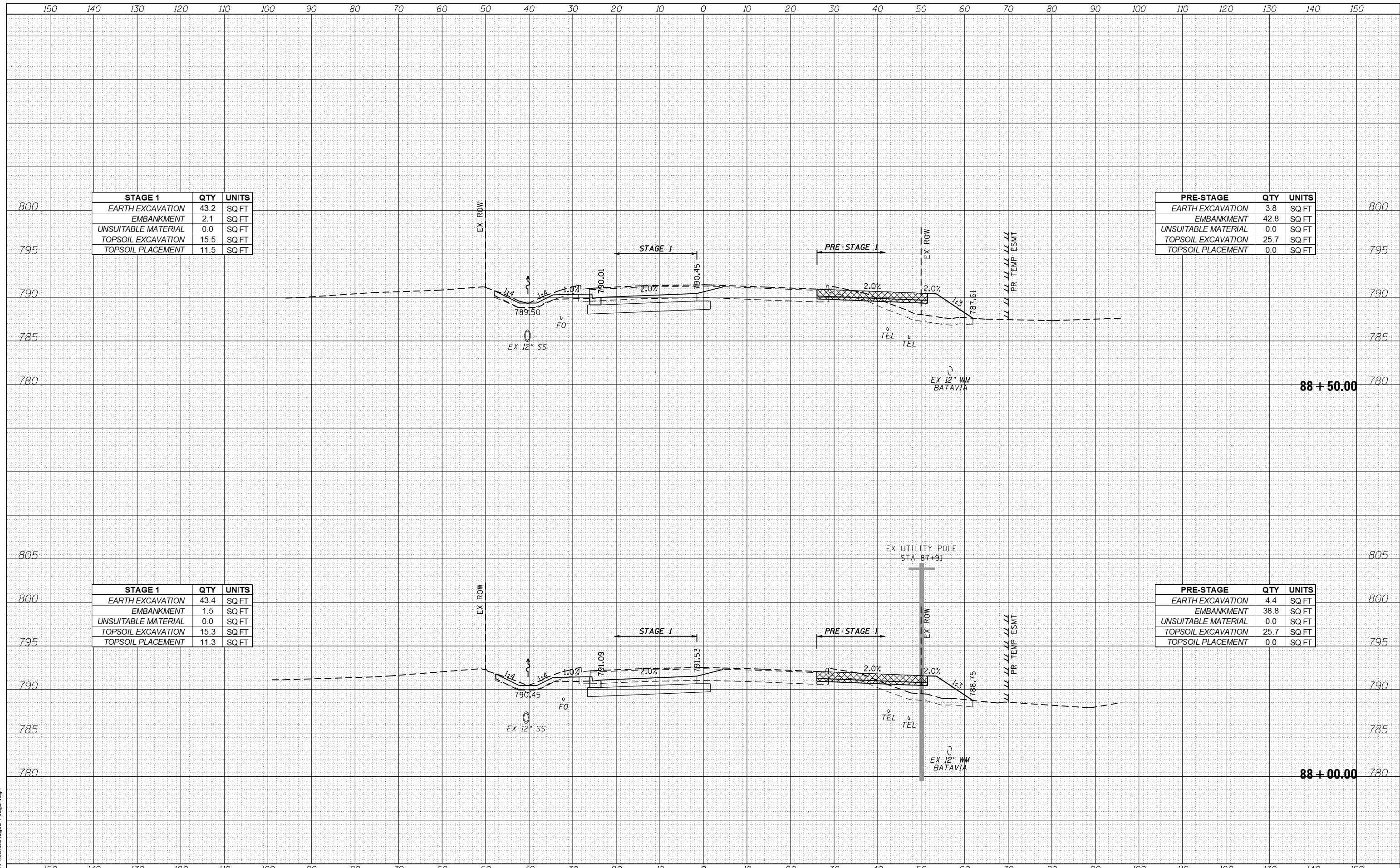
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	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
SHEET 37 OF 44 SHEETS
STA. 87+00.00 TO STA. 87+50.00

STAGED CROSS SECTIONS
FABYAN PARKWAY

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 289
				CONTRACT NO. 61E97
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	43.2	SQ FT
EMBANKMENT	2.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	15.5	SQ FT
TOPSOIL PLACEMENT	11.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.8	SQ FT
EMBANKMENT	42.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	25.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	43.4	SQ FT
EMBANKMENT	1.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	15.3	SQ FT
TOPSOIL PLACEMENT	11.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.4	SQ FT
EMBANKMENT	38.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	25.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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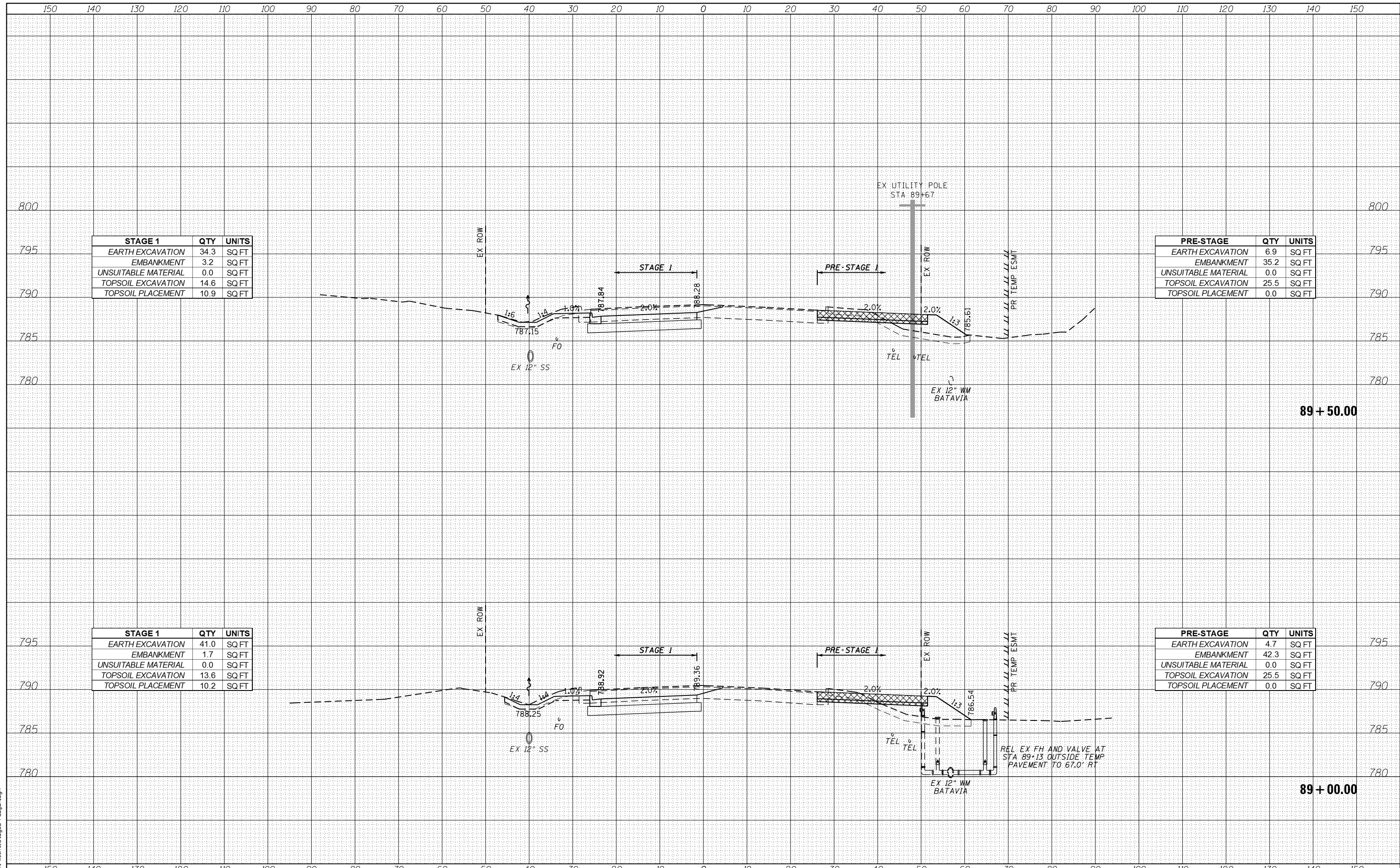
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	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGED CROSS SECTIONS
FABYAN PARKWAY

SCALE: 1"=10' SHEET 38 OF 44 SHEETS STA. 88+00.00 TO STA. 88+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 290
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	34.3	SQ FT
EMBANKMENT	3.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	14.6	SQ FT
TOPSOIL PLACEMENT	10.9	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	6.9	SQ FT
EMBANKMENT	35.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	25.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	41.0	SQ FT
EMBANKMENT	1.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	13.6	SQ FT
TOPSOIL PLACEMENT	10.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.7	SQ FT
EMBANKMENT	42.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	25.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT



USER NAME - TEG
 DESIGNED - VJM
 DRAWN - JBH
 CHECKED - BLP
 DATE - 11/6/2018

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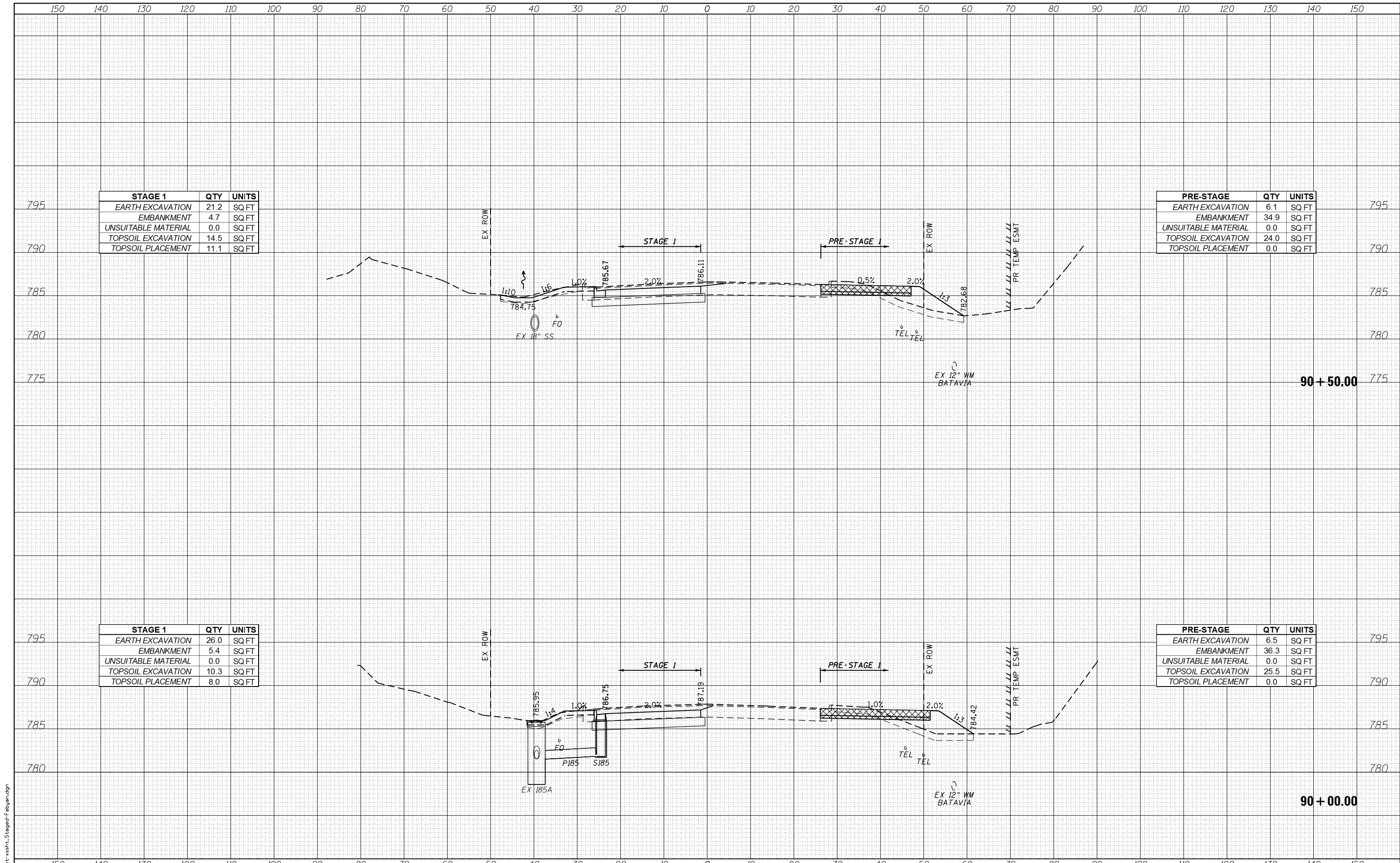
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
 SHEET 39 OF 44 SHEETS
 STA. 89+00.00 TO STA. 89+50.00

STAGED CROSS SECTIONS
 FABYAN PARKWAY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	291

CONTRACT NO. 61E97
 ILLINOIS FED. AID PROJECT



STAGE 1	QTY	UNITS
EARTH EXCAVATION	21.2	SQ FT
EMBANKMENT	4.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	14.5	SQ FT
TOPSOIL PLACEMENT	11.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	6.1	SQ FT
EMBANKMENT	34.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	24.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	26.0	SQ FT
EMBANKMENT	5.4	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	10.3	SQ FT
TOPSOIL PLACEMENT	8.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	6.5	SQ FT
EMBANKMENT	36.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	25.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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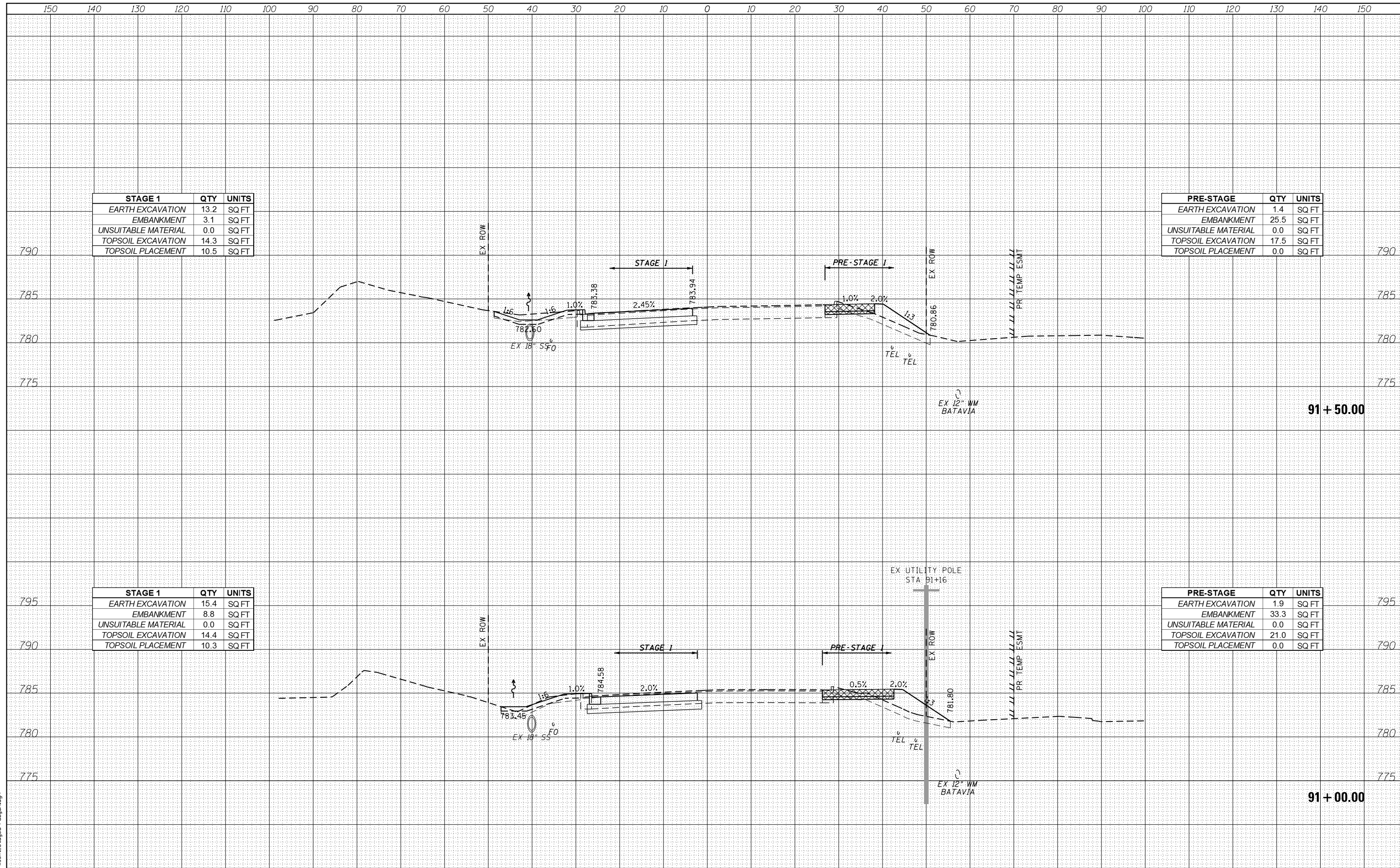
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	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 40 OF 44 SHEETS STA. 90+00.00 TO STA. 90+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 292
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	13.2	SQ FT
EMBANKMENT	3.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	14.3	SQ FT
TOPSOIL PLACEMENT	10.5	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.4	SQ FT
EMBANKMENT	25.5	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	17.5	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	15.4	SQ FT
EMBANKMENT	8.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	14.4	SQ FT
TOPSOIL PLACEMENT	10.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.9	SQ FT
EMBANKMENT	33.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	21.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

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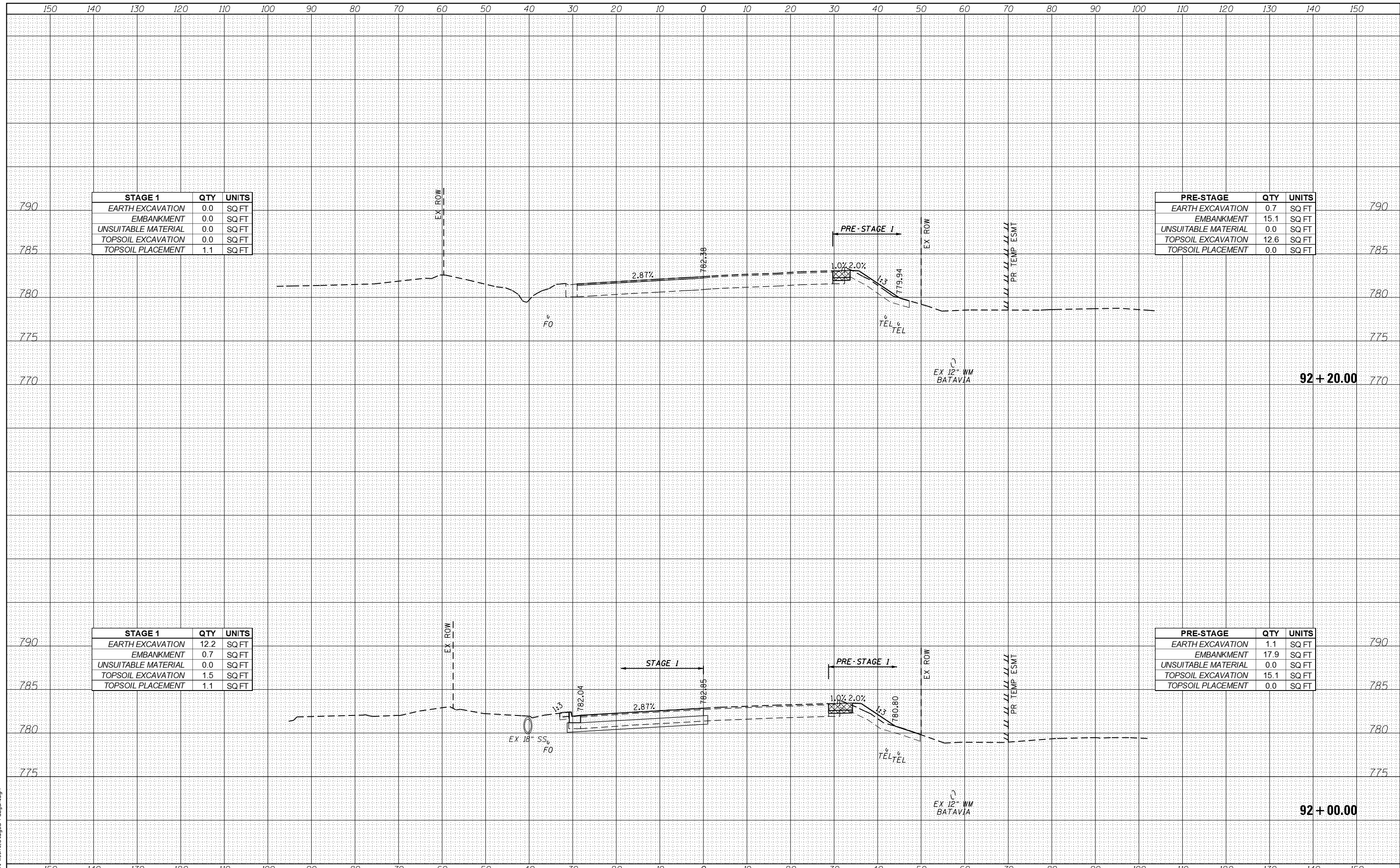
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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 41 OF 44 SHEETS STA. 91+00.00 TO STA. 91+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 293
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	1.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.7	SQ FT
EMBANKMENT	15.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	12.6	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	12.2	SQ FT
EMBANKMENT	0.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	1.5	SQ FT
TOPSOIL PLACEMENT	1.1	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	1.1	SQ FT
EMBANKMENT	17.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	15.1	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xsh-t.Staged-Fabjan.dgn



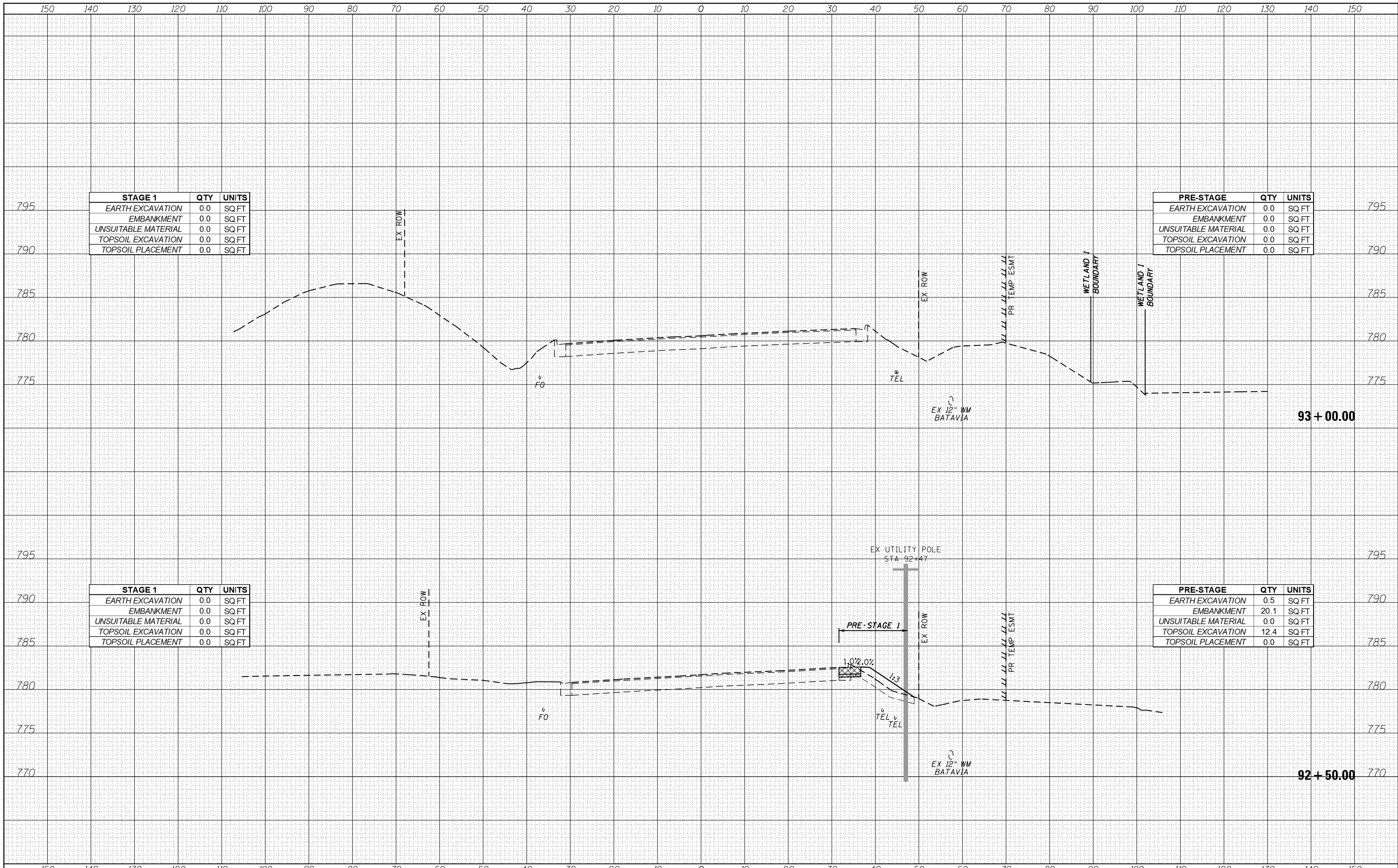
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 42 OF 44 SHEETS STA. 92+00.00 TO STA. 92+20.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 294
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.5	SQ FT
EMBANKMENT	20.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	12.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn



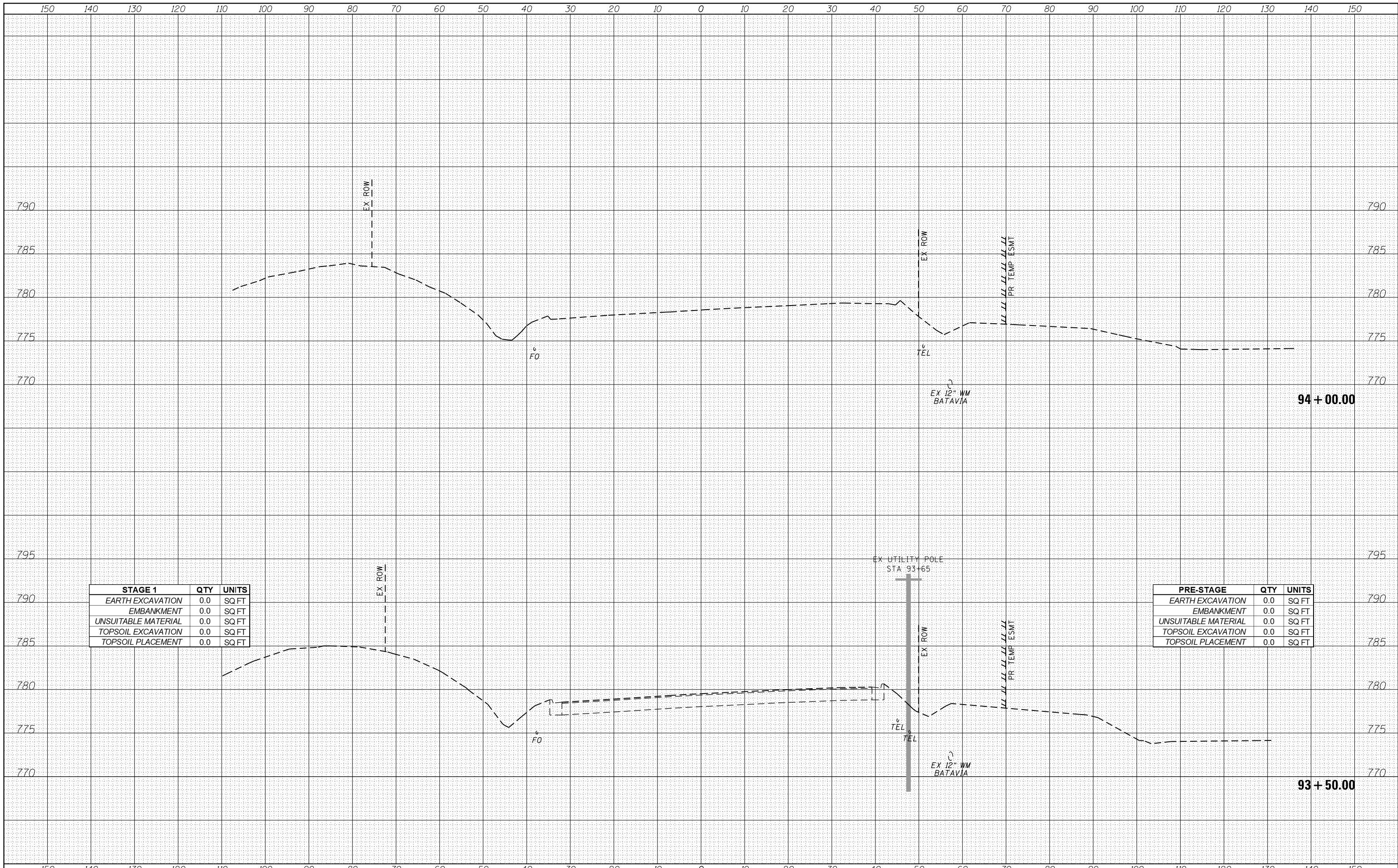
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 43 OF 44 SHEETS STA. 92+50.00 TO STA. 93+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 295
CONTRACT NO. 61E97			ILLINOIS FED. AID PROJECT	



STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

FILE NAME = aht-xash.t.Staged-Fabjan.dgn



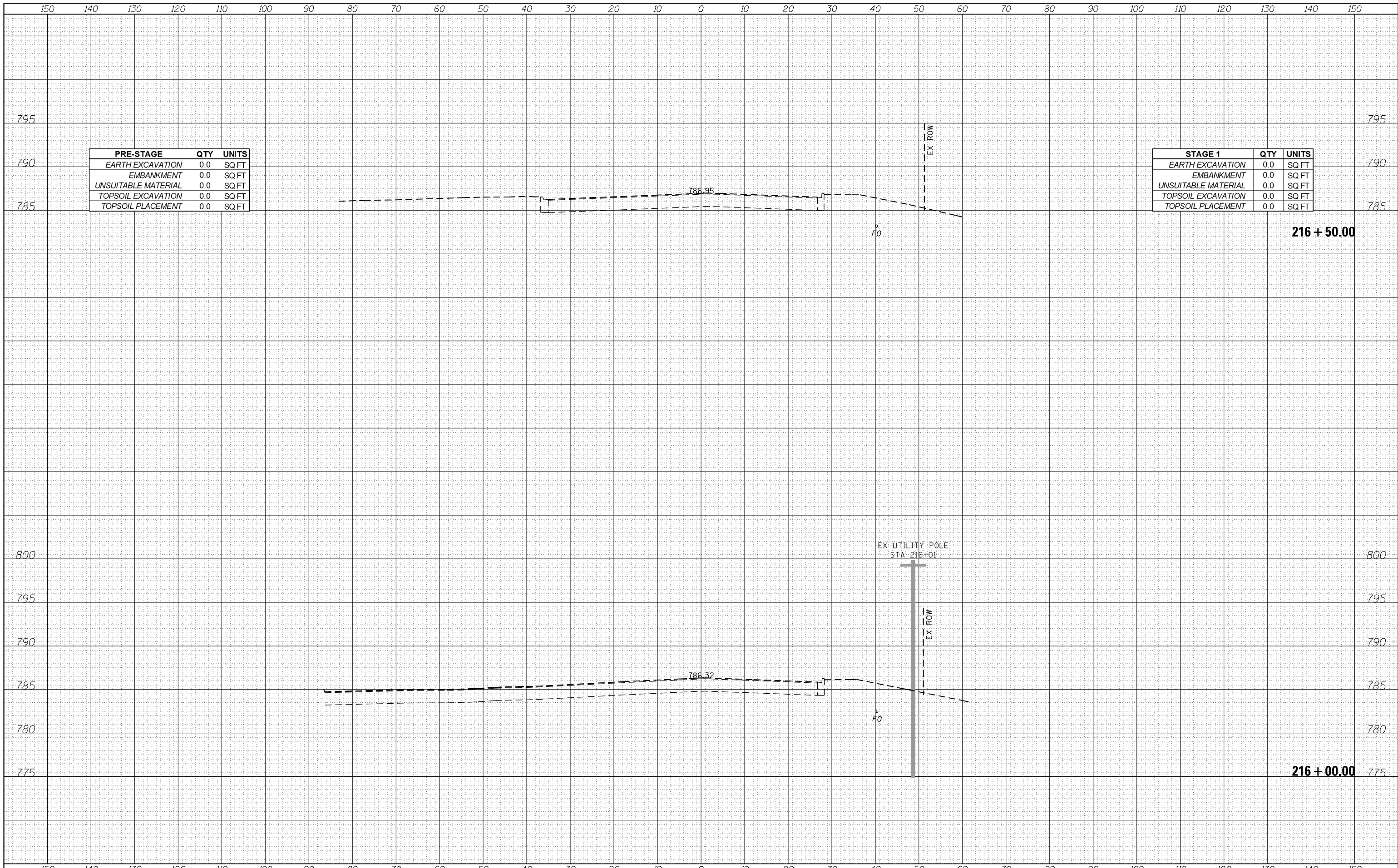
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	DRAWN - JBH	REVISED -
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
FABYAN PARKWAY**

SCALE: 1"=10' SHEET 44 OF 44 SHEETS STA. 93+50.00 TO STA. 94+00.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 296
CONTRACT NO. 61E97			ILLINOIS FED. AID PROJECT	



PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	0.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

216 + 50.00

216 + 00.00

FILE NAME = aht-xash1_Stage-Kirk.dgn



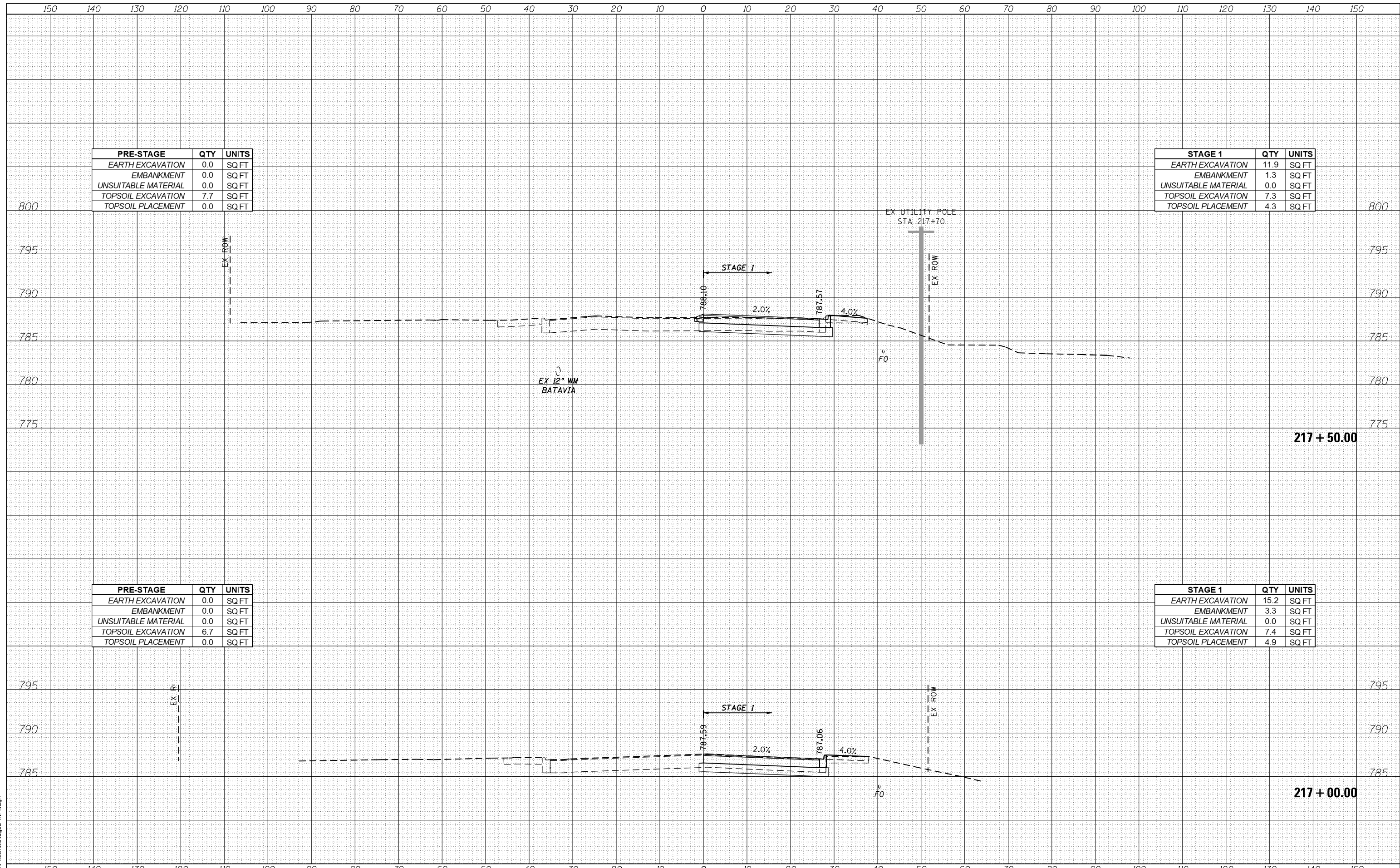
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGED CROSS SECTIONS
KIRK ROAD
SCALE: 1"=10' SHEET 1 OF 35 SHEETS STA. 216+00.00 TO STA. 216+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	297
CONTRACT NO. 61E97				

ILLINOIS FED. AID PROJECT



PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	7.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	11.9	SQ FT
EMBANKMENT	1.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	7.3	SQ FT
TOPSOIL PLACEMENT	4.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	0.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	6.7	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	15.2	SQ FT
EMBANKMENT	3.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	7.4	SQ FT
TOPSOIL PLACEMENT	4.9	SQ FT

FILE NAME = aht-xsh1.Staged-Kirk.dgn



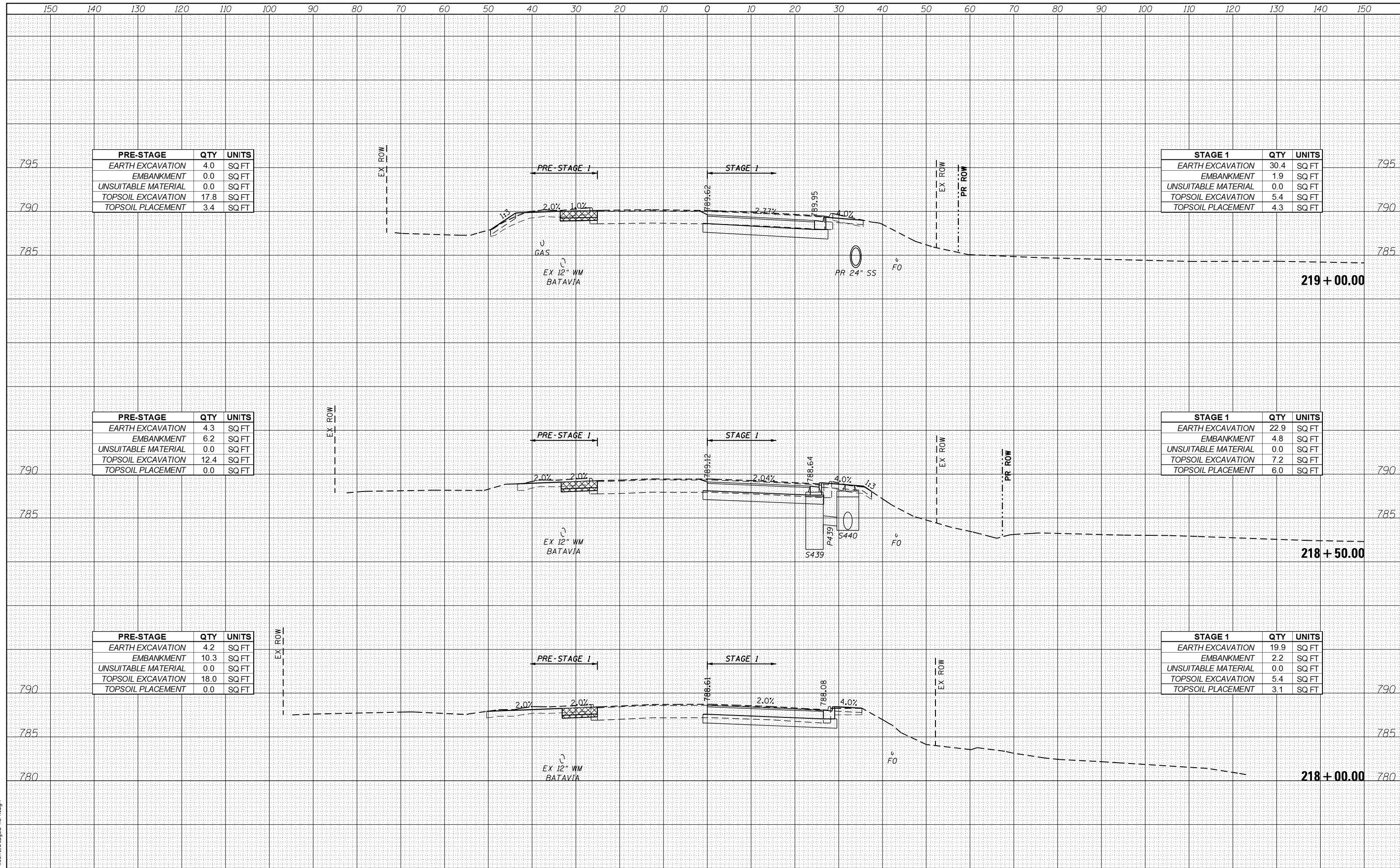
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PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
KIRK ROAD**

SCALE: 1"=10' SHEET 2 OF 35 SHEETS STA. 217+00.00 TO STA. 217+50.00

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 298
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.0	SQ FT
EMBANKMENT	0.0	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	17.8	SQ FT
TOPSOIL PLACEMENT	3.4	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	30.4	SQ FT
EMBANKMENT	1.9	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	5.4	SQ FT
TOPSOIL PLACEMENT	4.3	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.3	SQ FT
EMBANKMENT	6.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	12.4	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	22.9	SQ FT
EMBANKMENT	4.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	7.2	SQ FT
TOPSOIL PLACEMENT	6.0	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.2	SQ FT
EMBANKMENT	10.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	18.0	SQ FT
TOPSOIL PLACEMENT	0.0	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	19.9	SQ FT
EMBANKMENT	2.2	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	5.4	SQ FT
TOPSOIL PLACEMENT	3.1	SQ FT

FILE NAME = aht-xsh-t.Staged-Kirk.dgn



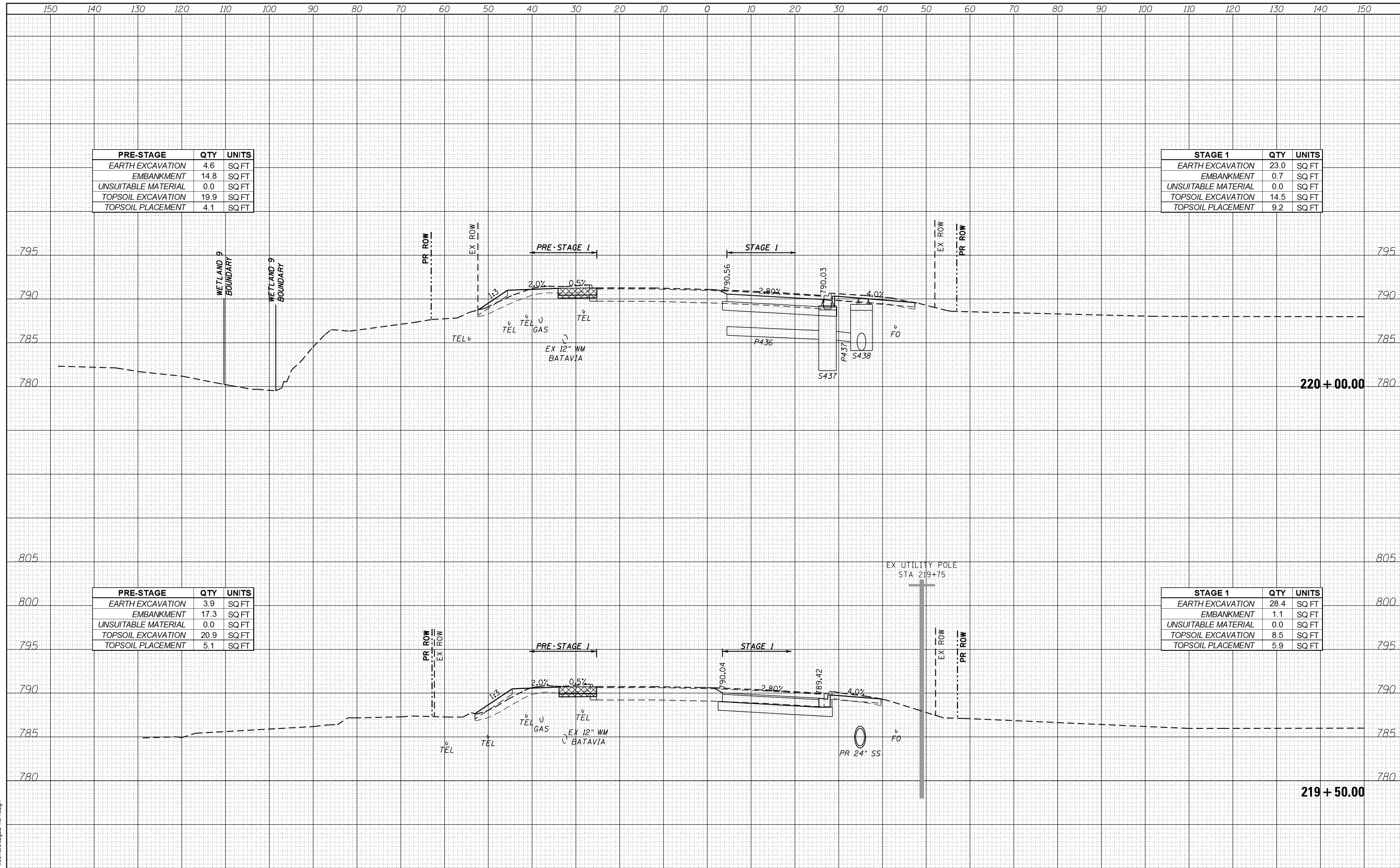
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PLOT DATE = 11/6/2018	CHECKED - BLP	REVISED -
	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
KIRK ROAD**

SCALE: 1"=10' SHEET 3 OF 35 SHEETS STA. 218+00.00 TO STA. 219+00.00

F.A.P. RTÉ. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 299
			CONTRACT NO. 61E97	
ILLINOIS FED. AID PROJECT				



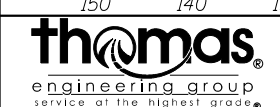
PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	4.6	SQ FT
EMBANKMENT	14.8	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	19.9	SQ FT
TOPSOIL PLACEMENT	4.1	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	23.0	SQ FT
EMBANKMENT	0.7	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	14.5	SQ FT
TOPSOIL PLACEMENT	9.2	SQ FT

PRE-STAGE	QTY	UNITS
EARTH EXCAVATION	3.9	SQ FT
EMBANKMENT	17.3	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	20.9	SQ FT
TOPSOIL PLACEMENT	5.1	SQ FT

STAGE 1	QTY	UNITS
EARTH EXCAVATION	28.4	SQ FT
EMBANKMENT	1.1	SQ FT
UNSUITABLE MATERIAL	0.0	SQ FT
TOPSOIL EXCAVATION	8.5	SQ FT
TOPSOIL PLACEMENT	5.9	SQ FT

FILE NAME = aht-xsh1.Staged-Kirk.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED -
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 11/6/2018	DATE - 11/6/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGED CROSS SECTIONS
KIRK ROAD**

SCALE: 1"=10' SHEET 4 OF 35 SHEETS STA. 219+50.00 TO STA. 220+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	300

CONTRACT NO. 61E97

ILLINOIS FED. AID PROJECT