4-27-07 Letting, Item 048

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	1
STA.	TO STA.			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
CITY OF ROCK FALLS
PLANS FOR PROPOSED
LOCAL AGENCY IMPROVEMENTS
FEDERAL-AID URBAN PROJECT
SECTION 06-00127-00-FP
WEST 19TH STREET
F.A.U. ROUTE 5565
PROJECT M-5062 (024)
JOB NO. C-92-050-07
CONTRACT NO. 85404
2007

WHITESIDE COUNTY

INDEX OF SHEETS

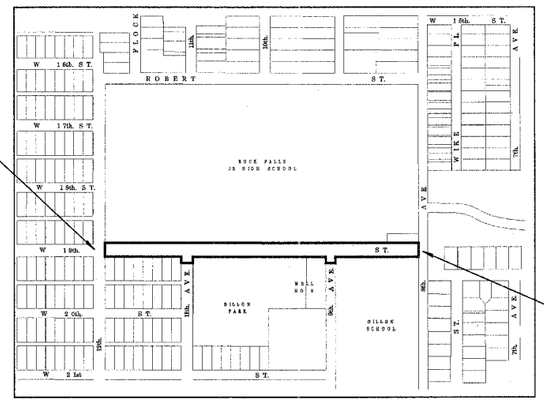
STANDARDS

280001-03	TEMPORARY EROSION CONTROL SYSTEMS
424001-04	CURB RAMPS FOR SIDEWALKS
602401-01	MANHOLE TYPE A
602701-01	MANHOLE STEPS
604001-02	FRAME AND LIDS TYPE 1
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS

DESIGN CRITERIA

DESIGN SPEED: 30 MPH – WEST 19TH STREET		
FUNCTIONAL CLASSIFICATION	HIGHWAY	ADT (2017)
URBAN COLLECTOR ST.	WEST 19TH STREET	1900

LOCATION MAP



NET LENGTH = 1,744 FEET = 0.33 MILES

SCALES:

PLAN AND PROFILE		CROSS SECTIONS	
HORIZ.	0 20 40	HORIZ.	0 5 10
VERT.	0 5 10	VERT.	0 5 10

NAME AND ADDRESS OF UTILITIES	TYPE
INSIGHT COMMUNICATIONS ATTN: MIKE OWENS 4450 KISHWAUKEE ST. ROCKFORD, IL 61109 (815) 509-7876	CALBE TV
NICOR GAS ATTN: CONNIE LANE 1844 FERRY ROAD NAPERVILLE IL, 60563 (630) 388-2362	GAS
ROCK FALLS ELECTRIC 1109 INDUSTRIAL PARK ROAD ROCK FALLS, IL 61071 (815) 622-1145	ELECTRIC
SBC / AT&T ATTN: WILLIAM CONOVER 2315 N. KNOXVILLE AVE. FLOOR #2 PEORIA IL, 61604 (309) 686-3317	TELEPHONE
ROCK FALLS DEPARTMENT OF PUBLIC WORKS 603 W. 10TH ST. ROCK FALLS, IL 61071 (815) 622-1106	SEWER/WATER
NORLIGHT ATTN: DALE MAYER 13935 BISHOPS DRIVE BROOKFIELD WI, 53045 (414) 588-0647	
ADESTA LLC ATTN: LOU URIDIL 1428 SHERMAN ROAD ROMEOVILLE IL, 60446 (630) 739-0546	

CITY OF ROCK FALLS

APPROVED 2-1-2007 (DATE)
Paul H. Ross Mayor (LOCAL AGENCY, POSITION)

PASSED February 20, 2007 (DATE)
(DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS)

RELEASING FOR BID BASED ON LIMITED REVIEW February 20, 2007 (DATE)
(DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER)

MICHAEL A. HIELSBERG 062-048124 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 2/2/2007
EXPIRES 11/30/2007

CALL JULIE TOLL FREE 800-892-0123

WHA #1121D05

WILLETT, HOFMANN & ASSOCIATES, INC.
CONSULTING ENGINEERS
Land Surveying - Transportation - Structural
Environmental - Architecture
809 East Second Street Dixon, Illinois 61021
Phone 815.284.3381 Fax 815.284.3385
Design Firm #184-000918
www.willetthofmann.com

S:/TRANS/1121D05/DESIGN/COVERETC.DGN

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	2
STA.	TO STA.			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

GENERAL NOTES

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS ENCOUNTERED, UNTIL AN OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS UNLESS REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL REMOVE ALL STRUCTURES WITHIN THE EXISTING AND NEW RIGHT OF WAY AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL EXISTING DRAINAGE PIPES SHALL BE CAREFULLY REMOVED DURING CONSTRUCTION AND STACKED ALONG THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. THIS SALVAGE AND STORAGE OF EXISTING DRAINAGE PIPES SHALL BE CONSIDERED AN INCIDENTAL ITEM AND WILL NOT BE PAID FOR SEPARATELY. ALL SALVAGED PIPES SHALL REMAIN THE PROPERTY OF THE CITY.

ALL TELEPHONE AND ELECTRIC POLES, GAS PIPES, ETC. IN THE WAY OF THE IMPROVEMENT SHALL BE MOVED BY THE UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOT BE INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITIES TO MAKE THE NECESSARY ADUSTMENTS PRIOR TO THIS CONSTRUCTION.

THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE.

THE FINAL TOP 4" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE ABLE TO SUPPORT VEGETATION.

EXISTING MAIL BOXES, STREET SIGNS AND TRAFFIC SIGNS THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. COST OF REMOVING AND RESETTING SHALL BE INCIDENTAL TO EARTH EXCAVATION (SPECIAL).

WHERE THE PROPOSED CONSTRUCTION MEETS AN EXISTING BITUMINOUS SURFACE, OR WHERE SAWING IS STATED ON THE PLANS, THE EXISTING SURFACE SHALL BE SAWED IN A NEAT, STRAIGHT LINE. COST OF SAWING TO BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT OF EARTH EXCAVATION (SPECIAL).

ROCK FALLS - WEST 19TH STREET - HORIZONTAL CONTROL POINTS					
POINT #	STATION	O/S	NORTH	EAST	DESCRIPTION
100	51+35.32	58.23' RT	1856864.44	2422390.39	PIN
101	58+65.76	64.65' LT	1856995.24	2423120.79	PIN
102	63+78.53	52.97' RT	1856883.2	2423633.53	PIN
103	68+45.36	72.31' LT	1857013.54	2424100.33	PIN

ROCK FALLS - WEST 19TH STREET - VERTICAL BENCH MARKS				
STATION	O/S	ROAD	ELEV.	DESCRIPTION
50+93.04	25.53' LT	19TH	637.18	RR SPIKE IN 1ST PP W. OF 12TH AVE.
58+54.13	25.20' LT	19TH	639.53	"O" IN OPEN @ 1ST FH E. OF 11TH AVE.
63+62.05	30.32' LT	19TH	641.23	RR SPIKE IN 3RD PP W. OF 9TH AVE.
66+10.46	38.56' LT	19TH	641.82	"O" IN OPEN @ 1ST FH E. OF 9TH AVE.
69+52.87	7.55' RT	19TH	640.35	RR SPIKE IN 2ND PP S. OF 18TH ST

CONSTRUCTION TYPE CODE: 1000

20200410*	EARTH EXCAVATION (SPECIAL)	CU YD	5,203
20201200*	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	300
20800150	TRENCH BACKFILL	CU YD	277
21101615	TOP SOIL FURNISH AND PLACE, 4"	SQ YD	1,500
25000100	SEEDING, CLASS 1	ACRE	0.31
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	28
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	28
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	28
25100115	MULCH, METHOD 2	ACRE	0.31
28000400	PERIMETER EROSION BARRIER	FOOT	514
28000500	INLET AND PIPE PROTECTION	EACH	12
31101000*	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	4,185
35100100*	AGGREGATE BASE COURSE, TYPE A	TON	1,860
40600100*	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,899
40600300*	AGGREGATE (PRIME COAT)	TON	12.4
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,225
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	TON	735
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	98
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,927
42400800	DETECTABLE WARNINGS	SQ FT	54
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	96
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	212
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	964
55100500*	STORM SEWER REMOVAL 12"	FOOT	687
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60242801*	INLETS, SPECIAL, NO. 5	EACH	11
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7
60500040	REMOVING MANHOLES	EACH	4
60500060	REMOVING INLETS	EACH	5
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	3,525
61140200*	STORM SEWERS, SPECIAL 12"	FOOT	166
67100100	MOBILIZATION	L SUM	1
70101700*	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100*	SHORT-TERM PAVEMENT MARKING	FOOT	176
78001100Δ	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	23.6
78001110Δ	PAINT PAVEMENT MARKING LINE - 4"	FOOT	2,094
78001130Δ	PAINT PAVEMENT MARKING LINE - 6"	FOOT	452
78001150Δ	PAINT PAVEMENT MARKING LINE - 12"	FOOT	285
78001180Δ	PAINT PAVEMENT MARKING LINE - 24"	FOOT	81
Z0005400*	BREAKER-RUN CRUSHED STONE	TON	615

*INDICATES SPECIAL PROVISION

Δ SPECIALTY ITEMS

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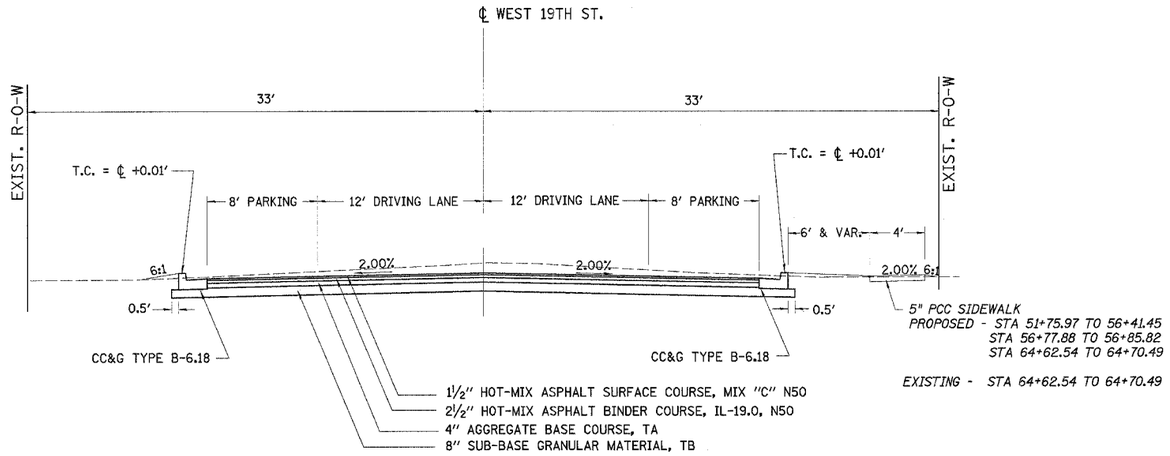
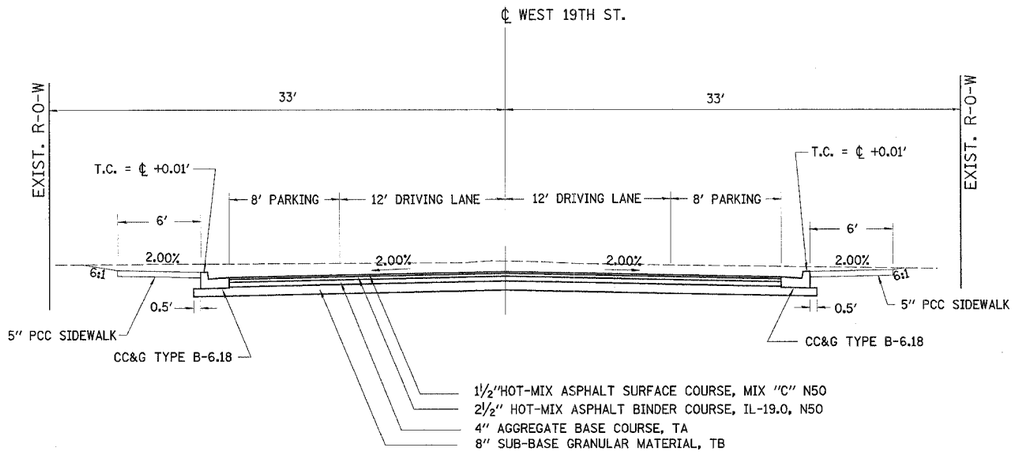
CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	3
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

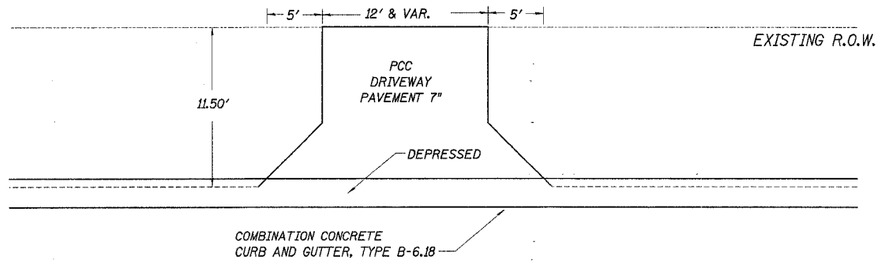
TYPICAL SECTIONS



STA. 51+70.70 TO STA. 64+95.00
WEST 19TH ST - 12TH AVE TO 9TH AVE



STA. 64+95.00 TO STA. 69+14.64
WEST 19TH ST - 9TH AVE TO 8TH AVE



TYPICAL ENTRANCE

PAVEMENT STRUCTURAL DESIGN
WEST 19TH ST. – 8TH AVE. TO 12TH AVE.

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2017

CLASS III STREET

80,000# TRUCK DESIGN

P.V. 1,805
S.U. 86
M.U. 9
] 1900 ADT

E_{RI} : (ASSUMED) 2 ksi
TF = 0.13
HMA MIX TEMP. 73.5°F
HMA E_{AC} = 720 ksi
HMA DESIGN STRAIN 268 microstrain

USE

1.5" HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50
2.5" HOT-MIX ASPALT BINDER COURSE, IL 19.0
4" AGGREGATE BASE COURSE, TA
8" SUB-BASE GRANULAR MATERIAL, TB

PAVEMENT MIXTURE REQUIREMENTS

	CONSTRUCTION	
	BINDER	SURFACE
PG:	PG 58-28	PG 58-28
DESIGN AIR VOIDS	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 12.5 or 9.5
FRICTION AGGREGATE	N/A	C

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	4
STA. _____	TO STA._____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULES

LOCATION	EARTH EXCAVATION (SPECIAL) 20200410* CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
W. 19TH ST.	5203	3903	51	3,851
TOTALS	5,203	3,903	51	3,851

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

STATION	CU YD	REMARKS
CONTINGENCY ITEM	300	
PROJECT TOTAL	300	

20201200*

TRENCH BACKFILL

STATION	CU YD	REMARKS
51+90.10 - 51+97.60	1	EXISTING 12" SS
51+97.67	5	EXISTING 12" SS
51+95.67 - 51+97.68	1	EXISTING 12" SS
51+74.65 - 51+96.18	3	EXISTING 12" SS
51+74.64 - 53+50	4	18" SS
53+50	6	12" SS
53+50 - 57+00	37	18" SS
57+00	6	12" SS
57+00-59+50	26	18" SS
59+50	6	12" SS
64+50	6	12" SS
64+50-65+28.28	13	12" SS
64+57.60 - 64+62.19	6	EXISTING 12" SS
65+28.28 - 67+17.76	40	15" SS
64+57.60 - 67+50	39	12" SS
67+17.73	1	EXISTING 8" SS
67+17.73	5	EXISTING 12" SS
67+17.73 - 67+50	5	15" SS
67+50	8	18" SS
67+50	1	12" SS
67+50 - 69+18.69	51	18" SS
68+88.51 - 18+92.06	6	EXISTING 12" SS
68+88.51 - 69+07.73	1	EXISTING 12" SS
PROJECT TOTAL	277	

20800150

TOP SOIL FURNISH AND PLACE, 4"

STATION	SQ YD	REMARKS
LT 51+70.70 - 69+14.64	629	0.13 ACRES
RT 51+70.70 - 69+14.64	871	0.18 ACRES
PROJECT TOTAL	1,500	

21101615

SEEDING, CLASS 1

STATION	ACRE	REMARKS
LT 51+70.70 - 69+14.64	0.13	
RT 51+70.70 - 69+14.64	0.18	
PROJECT TOTAL	0.31	

25000100

NITROGEN FERTILIZER NUTRIENT

STATION	POUND	REMARKS
LT 51+70.70 - 69+14.64	12	90# / ACRE
RT 51+70.70 - 69+14.64	16	90# / ACRE
PROJECT TOTAL	28	

25000400

PHOSPHORUS FERTILIZER NUTRIENT

STATION	POUND	REMARKS
LT 51+70.70 - 69+14.64	12	90# / ACRE
RT 51+70.70 - 69+14.64	16	90# / ACRE
PROJECT TOTAL	28	

25000500

POTASSIUM FERTILIZER NUTRIENT

STATION	POUND	REMARKS
LT 51+70.70 - 69+14.64	12	90# / ACRE
RT 51+70.70 - 69+14.64	16	90# / ACRE
PROJECT TOTAL	28	

25000600

MULCH, METHOD 2

STATION	ACRE	REMARKS
LT 51+70.70 - 69+14.64	0.13	2 TONS/ACRE
RT 51+70.70 - 69+14.64	0.18	2 TONS/ACRE
PROJECT TOTAL	0.31	

25100115

PERIMETER EROSION BARRIER

STATION	FOOT	REMARKS
55+42 - 56+40	98	RT
55+50 - 57+99	249	LT
56+83 - 58+50	167	RT
PROJECT TOTAL	514	

28000400

INLET AND PIPE PROTECTION

STATION	EACH	REMARKS
LT 53+50	1	
RT 53+50	1	
LT 57+00	1	
RT 57+00	1	
LT 59+50	1	
RT 59+50	1	
LT 64+50	1	
RT 64+50	1	
RT 65+28.28	1	
RT 67+17.73	1	
LT 67+50	1	
RT 67+50	1	
PROJECT TOTAL	12	

28000500

SUB-BASE GRANULAR MATERIAL, TYPE B

STATION	TON	REMARKS
51+70.70 TO 52+01.13	93	8" (INCLUDES RADII AT 12TH. AVE.)
52+01.13 TO 56+24.13	964	8"
56+24.13 TO 56+95.13	230	8" (INCLUDES RADII AT 11TH AVE.)
56+95.13 TO 64+53.19	1,727	8"
64+53.19 TO 65+25.27	258	8" (INCLUDES RADII AT 9TH AVE.)
65+25.27 TO 68+80.13	808	8"
68+80.13 TO 69+14.64	105	8" (INCLUDES RADII AT 8TH AVE.)
PROJECT TOTAL	4,185	

31101000*

AGGREGATE BASE COURSE, TYPE A

STATION	TON	REMARKS
51+70.70 TO 52+01.13	41	4" (INCLUDES RADII AT 12TH. AVE.)
52+01.13 TO 56+24.13	429	4"
56+24.13 TO 56+95.13	102	4" (INCLUDES RADII AT 11TH AVE.)
56+95.13 TO 64+53.19	767	4"
64+53.19 TO 65+25.27	115	4" (INCLUDES RADII AT 9TH AVE.)
65+25.27 TO 68+80.13	359	4"
68+80.13 TO 69+14.64	47	4" (INCLUDES RADII AT 8TH AVE.)
PROJECT TOTAL	1,860	

35100100*

BITUMINOUS MATERIALS (PRIME COAT)

STATION	GALLON	REMARKS
51+70.70 TO 52+01.13	18	.1 GAL/S.Y. OVER AGG.
52+01.13 TO 56+24.13	188	.1 GAL/S.Y. OVER AGG.
56+24.13 TO 56+95.13	45	.1 GAL/S.Y. OVER AGG.
56+95.13 TO 64+53.19	337	.1 GAL/S.Y. OVER AGG.
64+53.19 TO 65+25.27	50	.1 GAL/S.Y. OVER AGG.
65+25.27 TO 68+80.13	158	.1 GAL/S.Y. OVER AGG.
68+80.13 TO 69+14.64	21	.1 GAL/S.Y. OVER AGG.
51+70.70 TO 52+01.13	90	.5 GAL/S.Y. OVER BIT
52+01.13 TO 56+24.13	941	.5 GAL/S.Y. OVER BIT
56+24.13 TO 56+95.13	224	.5 GAL/S.Y. OVER BIT
56+95.13 TO 64+53.19	1,685	.5 GAL/S.Y. OVER BIT
64+53.19 TO 65+25.27	252	.5 GAL/S.Y. OVER BIT
65+25.27 TO 68+80.13	788	.5 GAL/S.Y. OVER BIT
68+80.13 TO 69+14.64	102	.5 GAL/S.Y. OVER BIT
PROJECT TOTAL	4,899	

40600100*

AGGREGATE (PRIME COAT)

STATION	TON	REMARKS
51+70.70 TO 52+01.13	0.3	3 LBS / S.Y.
52+01.13 TO 56+24.13	2.8	3 LBS / S.Y.
56+24.13 TO 56+95.13	0.7	3 LBS / S.Y.
56+95.13 TO 64+53.19	5.1	3 LBS / S.Y.
64+53.19 TO 65+25.27	0.8	3 LBS / S.Y.
65+25.27 TO 68+80.13	2.4	3 LBS / S.Y.
68+80.13 TO 69+14.64	0.3	3 LBS / S.Y.
PROJECT TOTAL	12.4	

40600300*

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

STATION	TON	REMARKS
51+70.70 TO 52+01.13	27	2 1/2" (INCLUDES RADII AT 12TH. AVE.)
52+01.13 TO 56+24.13	282	2 1/2"
56+24.13 TO 56+95.13	67	2 1/2" (INCLUDES RADII AT 11TH AVE.)
56+95.13 TO 64+53.19	505	2 1/2"
64+53.19 TO 65+25.27	76	2 1/2" (INCLUDES RADII AT 9TH AVE.)
65+25.27 TO 68+80.13	237	2 1/2"
68+80.13 TO 69+14.64	31	2 1/2" (INCLUDES RADII AT 8TH AVE.)
PROJECT TOTAL	1,225	

40603080

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50

STATION	TON	REMARKS
51+70.70 TO 52+01.13	16	1 1/2" (INCLUDES RADII AT 12TH. AVE.)
52+01.13 TO 56+24.13	169	1 1/2"
56+24.13 TO 56+95.13	41	1 1/2" (INCLUDES RADII AT 11TH AVE.)
56+95.13 TO 64+53.19	303	1 1/2"
64+53.19 TO 65+25.27	46	1 1/2" (INCLUDES RADII AT 9TH AVE.)
65+25.27 TO 68+80.13	142	1 1/2"
68+80.13 TO 69+14.64	18	1 1/2" (INCLUDES RADII AT 8TH AVE.)
PROJECT TOTAL	735	

40603335

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH

STATION	SQ YD	REMARKS
PER 52+88	17	
PER 53+11	17	
PER 54+03	17	
PER 54+20	19	
PER 55+32	27	
PROJECT TOTAL	98	

42300300

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

STATION	SQ FT	REMARKS
LT 51+79.28 TO 51+83.95	75	5' & VAR W
RT 51+75.97 TO 56+41.45	1,695	4' W (DRIVEWAY WIDTHS NOT INCLUDED)
RT 56+77.88 TO 56+85.82	26	4' W
RT 64+62.54 TO 64+70 .49	26	4' W
RT 65+09.86 TO 69+07.56	2,637	6' & VAR W
LT 65+10.78 TO 69+10.13	2,469	6' W
PROJECT TOTAL	6,927	

42400200

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CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	5
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULES

DETECTABLE WARNINGS

STATION	SQ FT	REMARKS
RT 51+80	6	3'X2'
LT 51+82	6	3'X2'
RT 56+38	6	3'X2'
RT 56+81.5	6	3'X2'
RT 64+67	6	3'X2'
LT 65+14	6	3'X2'
RT 65+16	6	3'X2'
LT 69+02.5	6	3'X2'
RT 69+02.5	6	3'X2'
PROJECT TOTAL	54	

42400800

STORM SEWERS, CLASS A, TYPE 1 12"

STATION	FOOT	REMARKS
59+50	46	ACROSS 19TH ST
64+50	46	ACROSS 19TH ST
LT 67+50	4	BETWEEN MANHOLE AND INLET
PROJECT TOTAL	96	

550A0050

STORM SEWERS, CLASS A, TYPE 1 15"

STATION	FOOT	REMARKS
RT 65+28.28 TO 67+17.73	184	BETWEEN INLET AND MANHOLE
RT 67+17.73 TO 67+50	28	BETWEEN MANHOLE AND INLET
PROJECT TOTAL	212	

550A0070

STORM SEWERS, CLASS A, TYPE 1 18"

STATION	FOOT	REMARKS
RT 51+74.64 TO 53+50	172	MANHOLE TO INLET
RT 53+50 TO 57+00	344	INLET TO INLET
RT 57+00 TO 59+50	244	INLET TO INLET
67+50	38	ACROSS 19TH ST
LT 67+50 TO 69+18.69	166	MANHOLE TO MANHOLE
PROJECT TOTAL	964	

550A0090

STORM SEWER REMOVAL 12"

STATION	FOOT	REMARKS
RT 51+74.64 TO 51+97.63	23	
LT 51+89.51 TO 51+97.73	15	
RT 51+95.67 TO 51+97.68	6	
LT & RT 51+97.68	33	ACROSS ROAD
LT 64+57.60 TO RT 64+62.19	38	ACROSS ROAD
LT 64+57.60 TO 69+18.69	460	
LT & RT 67+17.73	36	ACROSS ROAD
RT 67+17.73	5	
RT 68+88.51 TO LT 68+92.06	43	ACROSS ROAD
RT 68+88.51 TO 69+08.60	28	BENEATH SIDEWALK
PROJECT TOTAL	687	

55100500*

MANHOLES, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID

STATION	EACH	REMARKS
25.08' RT 67+17.73	1	RECONNECT EXIST. STORM SEWER (SOUTH SIDE)
17.5' LT 67+50	1	
PROJECT TOTAL	2	

60218400

INLETS, SPECIAL, NO. 5

STATION	EACH	REMARKS
LT 53+50	1	
RT 53+50	1	
LT 57+00	1	
RT 57+00	1	
LT 59+50	1	
RT 59+50	1	
LT 64+50	1	
RT 64+50	1	
RT 65+28.28	1	
LT 67+50	1	
RT 67+50	1	
PROJECT TOTAL	11	

60242801*

MANHOLES TO BE ADJUSTED

STATION	EACH	REMARKS
26.71' RT 51+74.64	1	STORM SEWER
8.36' RT 53+84.85	1	SANITARY SEWER
5.81' RT 56+14.65	1	SANITARY SEWER
PROJECT TOTAL	3	

60255500

VALVE BOXES TO BE ADJUSTED

STATION	EACH	REMARKS
RT 52+10.35	1	WATER
LT 56+35.01	1	WATER
LT 57+04.33	1	WATER
LT 64+72.22	1	WATER
LT 64+76.24	1	WATER
LT 65+22.52	1	WATER
RT 66+83.50	1	WATER
PROJECT TOTAL	7	

60266600

REMOVING MANHOLES

STATION	EACH	REMARKS
31.41' LT 51+89.51	1	
25.27' RT 51+95.66	1	
17' LT 64+57.60	1	
23' RT 64+62.19	1	
PROJECT TOTAL	4	

60500040

REMOVING INLETS

STATION	EACH	REMARKS
17' LT 51+97.73	1	
18' RT 51+97.63	1	
19' RT 67+17.76	1	
19' RT 68+88.51	1	
24.5' LT 68+92.06	1	
PROJECT TOTAL	5	

60500060

COMBINATION CONCRETE CURB & GUTTER, TYPE B - 6.18

STATION	FOOT	REMARKS
LT 51+73.96 TO 51+91.04	25	RADIUS
LT 51+91.04 TO 68+90.02	1,699	
LT 68+90.02 TO 69+12.10	33	RADIUS
RT 51+73.41 TO 51+95.49	33	RADIUS
RT 51+95.49 TO 56+24.13	429	
RT 56+24.13 TO 56+46.21	33	RADIUS
RT 56+73.05 TO 56+95.13	33	RADIUS
RT 56+95.13 TO 64+53.19	758	
RT 64+53.19 TO 64+75.27	33	RADIUS
RT 65+07.78 TO 65+25.27	55	RADIUS
RT 65+25.27 TO 68+92.74	367	
RT 68+92.74 TO 69+09.81	26	RADIUS
PROJECT TOTAL	3,525	

60604400

STORM SEWERS, SPECIAL 12"

STATION	FOOT	REMARKS
53+50	46	ACROSS 19TH ST
57+00	46	ACROSS 19TH ST
RT 64+50 TO 65+28.28	74	ACROSS 9TH AVE
PROJECT TOTAL	166	

61140200*

PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS

STATION	SQ FT	REMARKS
RT 64+40	11.8	STOP - (6' LETTERS)
LT 65+27	11.8	STOP - (6' LETTERS)
PROJECT TOTAL	23.6	

78001100

PAINT PAVEMENT MARKING - LINE 4"

STATION	FOOT	REMARKS
LT 51+84 TO 52+35	95	LANE LINES AND DIAGONALS
LT 52+35 TO 64+35	470	PARKING STALL LINES
LT 64+35 TO 65+71	241	LANE LINES AND DIAGONALS
LT 65+71 TO 68+46	100	PARKING STALL LINES
LT 68+46 TO 69+01	107	LANE LINES AND DIAGONALS
RT 51+84 TO 52+23	81	LANE LINES AND DIAGONALS
RT 52+23 TO 55+85	100	PARKING STALL LINES
RT 55+85 TO 56+43	110	LANE LINES AND DIAGONALS
RT 56+76 TO 57+35	107	LANE LINES AND DIAGONALS
RT 57+35 TO 64+10	260	PARKING STALL LINES
RT 64+10 TO 64+72	115	LANE LINES AND DIAGONALS

78001110

PAINT PAVEMENT MARKING - LINE 4" CONTINUED

RT 65+16 TO 65+46	63	LANE LINES AND DIAGONALS
RT 65+46 TO 68+46	100	PARKING STALL LINES
RT 68+46 TO 69+01	145	LANE LINES AND DIAGONALS
PROJECT TOTAL	2,094	

78001110

PAINT PAVEMENT MARKING LINE 6"

STATION	SQ FT	REMARKS
51+79 TO 51+84	109	CROSSWALK LINES
RT 56+41 TO 56+78	69	CROSSWALK LINES
64+71 TO 65+16	166	CROSSWALK LINES
69+01 TO 69+06	108	CROSSWALK LINES
PROJECT TOTAL	452	

78001130

PAINT PAVEMENT MARKING - LINE 12"

STATION	FOOT	REMARKS
51+79 TO 51+84	69	DIAGONALS IN CROSSWALK
RT 56+41 TO 56+78	46	DIAGONALS IN CROSSWALK
64+71 TO 65+16	104	DIAGONALS IN CROSSWALK
69+01 TO 69+06	66	DIAGONALS IN CROSSWALK
PROJECT TOTAL	285	

78001150

PAINT PAVEMENT MARKING - LINE 24"

STATION	FOOT	REMARKS
LT 51+88	18	STOP BAR
RT 56+59.60	14	STOP BAR
RT 64+45	12	STOP BAR
RT 64+94	12	STOP BAR
LT 65+20	12	STOP BAR
RT 68+95	13	STOP BAR
PROJECT TOTAL	81	

78001180

SHORT-TERM PAVEMENT MARKING

STATION	FOOT	REMARKS
51+70.70 TO 69+14.64	176	36' SPACING FROM END TO END
PROJECT TOTAL	176	

70300100*

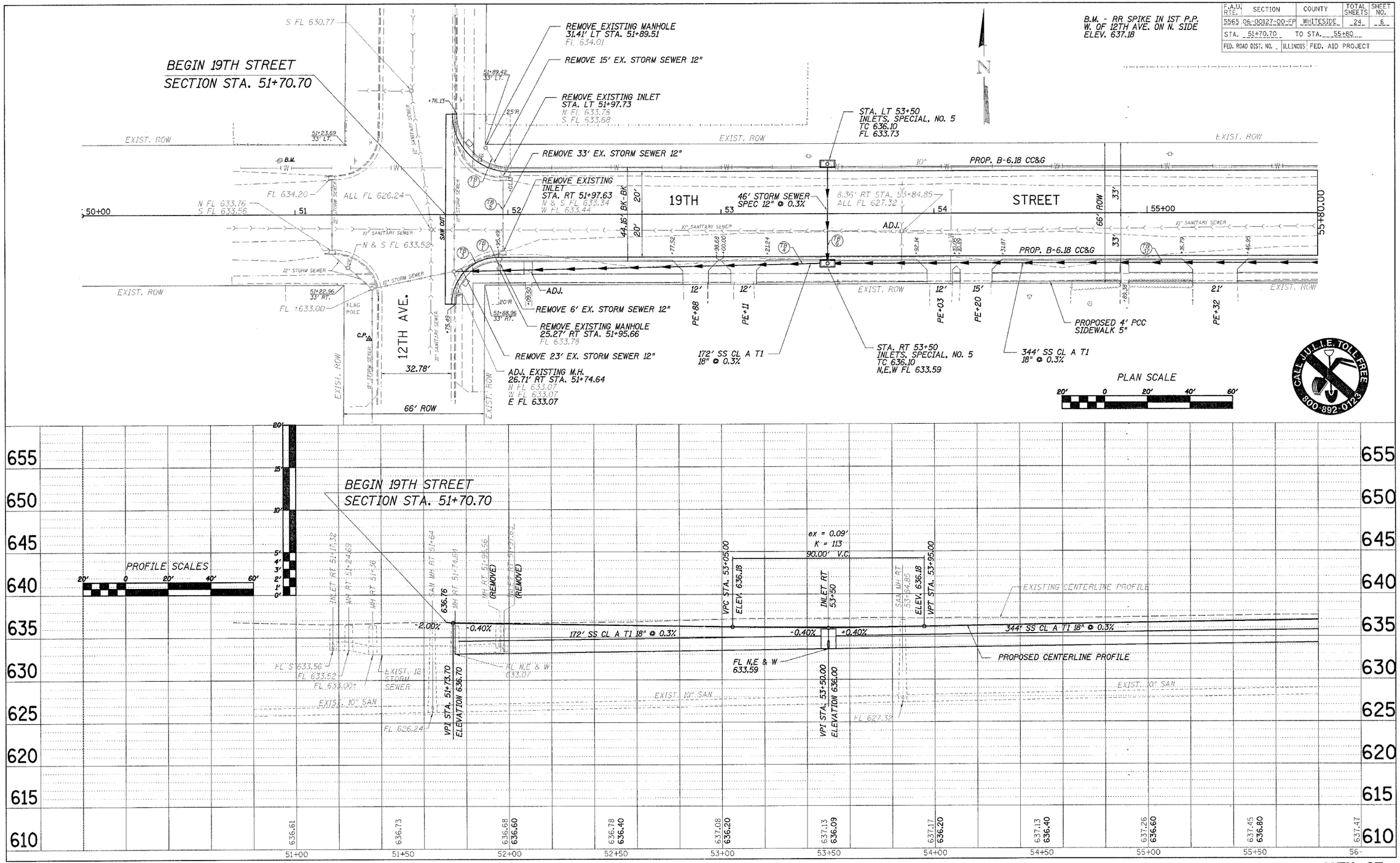
BREAKER-RUN CRUSHED STONE

STATION	TON	REMARKS
CONTINGENCY ITEM	615	AS DIRECTED BY THE ENGINEER
PROJECT TOTAL	615	

Z0005400*

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	6
STA. 51+70.70	TO STA. 55+80			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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19TH ST

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	7
STA. 55+30		TO STA. 61+10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

B.M. - "O" IN OPEN ⊙ 1ST F.H.
E. OF 11TH AVE. ON N. SIDE OF 19TH
ELEV. 639.53

C.P.

46' STORM SEWER
SPEC 12" ⊙ 0.3%

STA. LT 57+00
INLETS, SPECIAL, NO. 5
TC 637.42
N.E.W FL 634.78

46' SS CL A T1
12" ⊙ 0.3%

STA. LT 59+50
INLETS, SPECIAL, NO. 5
TC 638.42
N.E.W FL 635.53

EXIST. ROW

10"

ADJ.

B.M.

PROP. B-6.18 CC&G

55+30.00

56

57

58

59

60+00

61

61+10.00

19TH STREET

BK-BK 44.16'

66' ROW

20'

33'

5.81' RT STA. 56+14.65
W & S FL 628.31

10" SANITARY SEWER

RELOCATE POLE
(BY OTHERS)

EXISTING 4" PCC SIDEWALK

PROP. B-6.18 CC&G

21'

PE+32

PROPOSED 4' PCC
SIDEWALK 5"

344' SS CL A T1
18" ⊙ 0.3%

56+31.91
33' RT.

56+97.91
33' RT.

20' R

15'

11TH AVE.

SAW CUT

21.30'

66' ROW

STA. RT 57+00
INLETS, SPECIAL, NO. 5
TC 637.42
N.E.W FL 634.64

244' SS CL A T1
18" ⊙ 0.3%

STA. RT 59+50
INLETS, SPECIAL, NO. 5
TC 638.42
N.E.W FL 635.39

DILLON PARK

PLAN SCALE
20' 0 20' 40' 60'

CALL J.U.L.I.E. TOLL FREE
800-892-0123

PROFILE SCALES
20' 0 20' 40' 60'
20' 15' 10' 5' 4' 3' 2' 1' 0'

SAN MH RT
56+14.65

INLET RT
57+00

INLET RT
59+50

EXISTING CENTERLINE PROFILE

+0.40%

344' SS CL A T1 18" ⊙ 0.3%

244' SS CL A T1 18" ⊙ 0.3%

PROPOSED CENTERLINE PROFILE

FL 628.31

FL N.E & W
634.64

FL N & W
635.39

660 655 650 645 640 635 630 625 620 615

637.45 636.80
637.47 637.00
637.65 637.20
637.81 637.40
637.93 637.60
638.08 637.80
638.42 638.00
638.91 638.20
639.26 638.40
639.36 638.60
639.48 638.80
639.53 639.00

55+50 56+00 56+50 57+00 57+50 58+00 58+50 59+00 59+50 60+00 60+50 61+00

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19TH ST

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	8
STA. 60+60	TO STA. 66+40			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

B.M. - RR SPIKE IN 3RD P.P.
W. OF 9TH AVE. ON N. SIDE OF 19TH
ELEV. 641.23

N

STA. LT 64+50
INLETS, SPECIAL, NO. 5
TC 638.50
FL 635.43

REMOVE EXISTING MANHOLE
17' LT STA. 64+57.60 LT
S & E FL 636.11

REMOVE EXISTING STORM SEWER
STA. 64+57.60 TO STA. 69+18.69

DETECTABLE WARNING

EXIST. ROW

10"

PROP. B-6.18 CC&G

B.M.

ADJ.

6"

12"

60+60.00

20'

BK-BK

44.16'

20'

61

19TH

62

33'

66' ROW

33'

63

STREET

64

65+00

66

66+40.00

46' SS CL A T1
12" @ 0.3%

TB 6

53.19

TB 6

PROP. B-6.18 CC&G

EXISTING 4' PCC SIDEWALK

EXIST. ROW

STA. RT 65+28.28
INLETS, SPECIAL, NO. 5
TC 638.71
FL 635.07

TB 13

25.27

TB 40

EXIST. ROW

184' SS CL A T1
15" @ 0.3%

C.P.

STA. RT 64+50
INLETS, SPECIAL, NO. 5
TC 638.50
FL 635.29

20'R

64+64.88
33' RT.

+75.27

9TH AVE.

15'R

65+33.88
33' RT.

FLAG POLE

28.30'

SAW CUT

74' STORM SEWER
SPEC 12" @ 0.3%

PROPOSED 6' PCC
SIDEWALK 5"

REMOVE 38' EX. STORM SEWER 12" PVC

REMOVE EXISTING MANHOLE
23' RT STA. 64+62.19 RT
FL 635.57

EXIST. ROW

+78.60

+07.18

29.20'
B-T

66' ROW

EXIST. ROW

DILLON SCHOOL

DILLON PARK

CALL J.U.L.I.E. TOLL FREE
800-892-0123

PLAN SCALE

20' 0 20' 40' 60'

PROFILE SCALES

20' 0 20' 40' 60'

20' 15' 10' 5' 4' 3' 2' 1' 0'

EXISTING CENTERLINE PROFILE

PROPOSED CENTERLINE PROFILE

VPC STA. 61+55.00
ELEV. 639.22

VPT STA. 62+00.00
ELEVATION 639.40

+0.40%

-0.40%

ex = -0.09'
K = 112
90.00' V.C.

ELEV. 639.22

VPT STA. 62+45.00

VPC STA. 64+05.00
ELEV. 638.58

ex = 0.09'
K = 113
90.00' V.C.

INLET RT
64+50
Mid 64+64.88
(REMOVE)

VPT STA. 64+95.00
ELEV. 638.58

INLET RT
65+28.28

VPC STA. 66+00.00
ELEV. 639.00

+0.40%

-0.40%

-0.40%

+0.40%

74" STORM SEWER SPEC 12" @ 0.3%

184' SS CL A T1 15" @ 0.3%

FL N & E
635.29

FL 636.11

FL 635.07

VPT STA. 64+50.00
ELEVATION 638.40

EXIST. 12" PVC STORM
SEWER TO BE REMOVED
STA. 64+57.60 TO 67+50

VPC STA. 65+55.00
ELEV. 638.82

ex = -0.09'
K = 113
90.00' V.C.

660 655 650 645 640 635 630 625 620 615

639.48 638.80 | 639.53 639.00 | 639.67 639.20 | 639.86 639.31 | 639.97 639.20 | 639.91 639.00 | 639.78 638.80 | 639.74 638.60 | 639.58 638.49 | 639.29 638.60 | 639.02 638.80 | 638.80 638.91 | 638.61 638.80

60+50 61+00 61+50 62+00 62+50 63+00 63+50 64+00 64+50 65+00 65+50 66+00 66+50

19TH ST

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CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-EP	WHITESIDE	24	9
STA. 65+90		TO STA. 69+14.64		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

B.M. - "O" IN OPEN ⊙ 1ST F.H. E. OF 9TH AVE. ON N. SIDE OF 19TH ELEV. 641.82

B.M. - RR SPIKE IN 2ND P.P. S. OF 18TH ST. ON E. SIDE OF 8TH AVE. ELEV. 640.35

REMOVE EXISTING INLET STA. LT 68+92.06 N FL 635.68

STA. LT 67+50 INLETS, SPECIAL, NO. 5 TC 638.51 FL 634.19

17.5' LT STA. 67+50 MANHOLE T - A 4' DIA. W / TYPE 1 FRAME & CLOSED LID TM 638.15 N.S.E.W FL 634.17

REMOVE EXISTING STORM SEWER STA. 64+57.60 TO STA. 69+18.69

4' SS CL A T1 12" @ 0.5%

PROPOSED 6' PCC SIDEWALK

166' SS CL A T1 18" @ 0.67%

EXIST. MH STA. 17.67' LT. 69+18.69 N FL 633.04 W FL 633.06 S FL 633.14

N FL 623.44 S FL 630.14

FL 630.62

POT Sta 69+95.96

N FL 637.07

8TH AVE.

EXIST. ROW

24" STORM SEWER

8" SANITARY SEWER

PROP. B-6.18 CC&G

12" PVC STORM SEWER

19TH STREET

65+90.00

66 67 68 69

44.16' BK-BK

20' 20' 33' 66' ROW

SAW CUT

REMOVE 36' EXISTING 12" S.S.

SAW 5' EXISTING 8" PVC S.S.

38' SS CL A T1 18" @ 0.5%

ADJ.

184' SS CL A T1 15" @ 0.3%

REMOVE EXISTING INLET STA. RT 67+17.76 N FL 634.24 S FL 635.50

25.08' RT STA. 67+17.73 MANHOLE T- A 4' DIA. W / TYPE 1 FRAME & CLOSED LID TM 638.60 E & W FL 634.51 N FL 634.54

8" PVC STORM SEWER

28' SS CL A T1 15" @ 0.5%

STA. RT 67+50 INLETS, SPECIAL, NO. 5 TC 638.51 FL 634.37

PROPOSED 6' PCC SIDEWALK 5"

REMOVE 43' EX. STORM SEWER 12"

REMOVE EXISTING INLET STA. RT 68+88.51

REMOVE 28' EX. STORM SEWER 12"

DILLON SCHOOL

68+92.64 33' RT

68+92.74

15" STORM SEWER

15" +75.27

PLUG

W FL 635.37 E FL 635.15

N FL 633.19 W FL 634.49 E FL 633.79

35.70'

60' ROW

END 19TH STREET SECTION STA. 69+14.64

PLAN SCALE

20' 0 20' 40' 60'

CALL J.U.L.I.E. TOLL FREE 800-892-0123

660 655 650 645 640 635 630 625 620 615

VPI STA. 66+00.00 ELEVATION 639.00

0% -0.40%

184' SS CL A T1 15" @ 0.3%

ex = -0.09' K = 113 90.00' V.C.

ELEV. 638.82 VPT STA. 66+45.00

FL E & W 634.51 FL S 634.54

28' SS CL A T1 15" @ 0.5%

VPC STA. 67+05.00 ELEV. 638.58

MH RT 67+17.73

INLET RT 67+50

VPI STA. 67+50.00 ELEVATION 638.40

FL W & N 634.37

ex = 0.10' K = 106 90.00' V.C.

-0.40% +0.45%

ELEV. 638.60 VPT STA. 67+95.00

PROPOSED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

166' SS CL A T1 18" @ 0.67%

EXIST. 12" PVC STORM SEWER

INLET RT 68+92.28 (REMOVE)

MH LT 69+18.69

639.17

+0.45% +1.50%

N FL 635.68

VPI STA. 69+11.64 ELEVATION 639.13

N FL 633.04 W FL 633.06 S FL 633.14

END 19TH STREET SECTION STA. 69+14.64

PROFILE SCALES

20' 0 20' 40' 60'

20' 15' 10' 5' 4' 3' 2' 1' 0'

638.80 638.91 | 638.61 638.80 | 638.58 638.60 | 638.61 638.50 | 638.60 638.63 | 638.71 638.85 | 639.09 639.08 | 639.52

66+00 66+50 67+00 67+50 68+00 68+50 69+00 69+50

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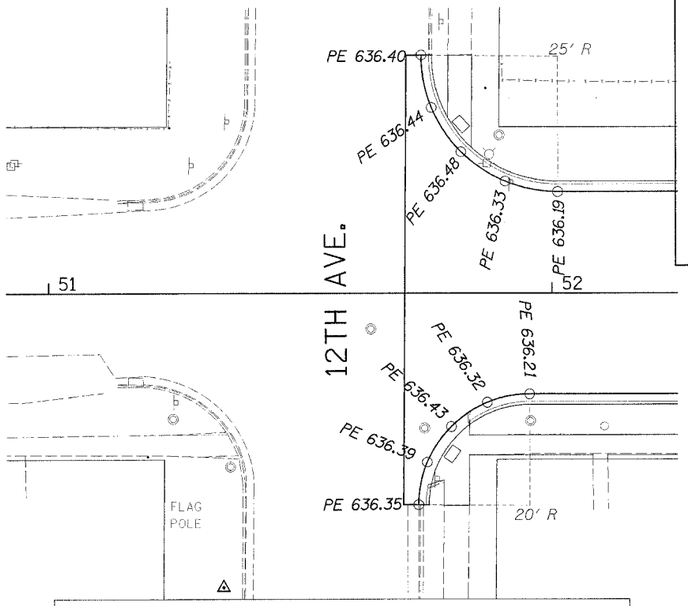
19TH ST

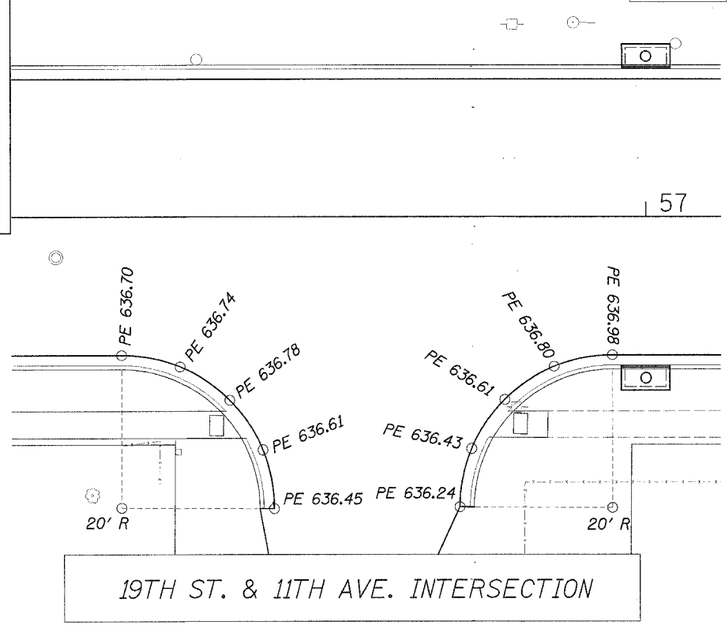
CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	10
STA.	TO STA.			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

WEST 19TH ST INTERSECTION DETAILS



19TH ST. & 12TH AVE. INTERSECTION

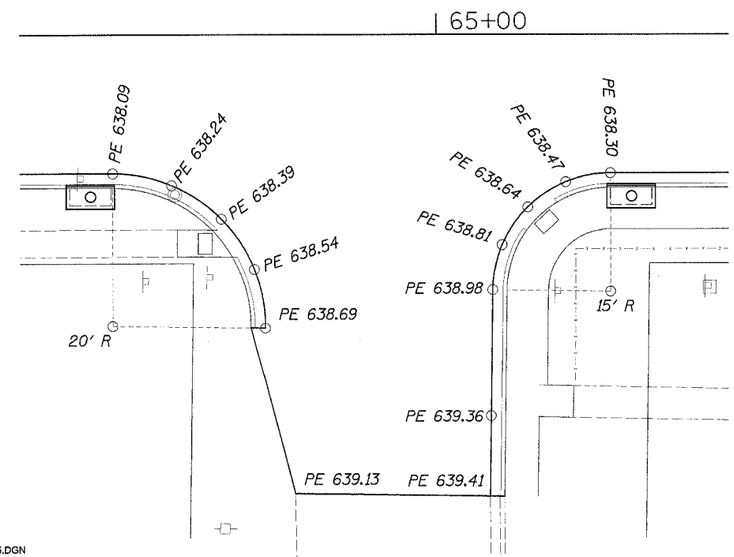


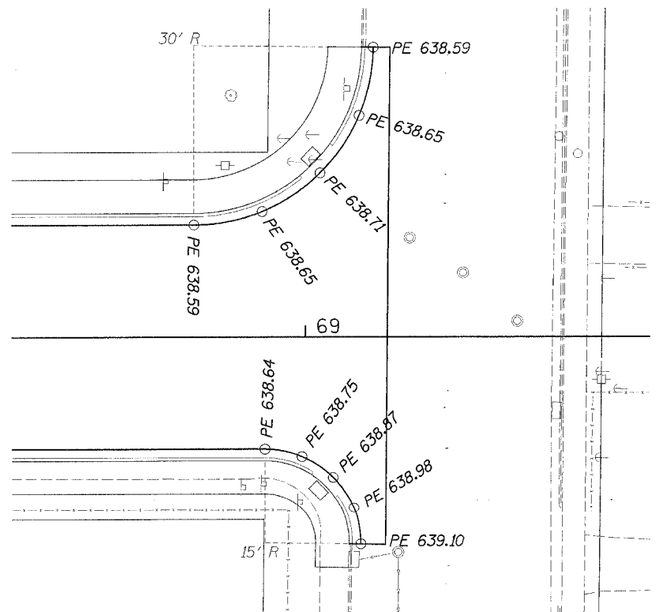
19TH ST. & 11TH AVE. INTERSECTION

KEY

DETECTABLE WARNING (3X2)

19TH ST. & 9TH AVE. INTERSECTION



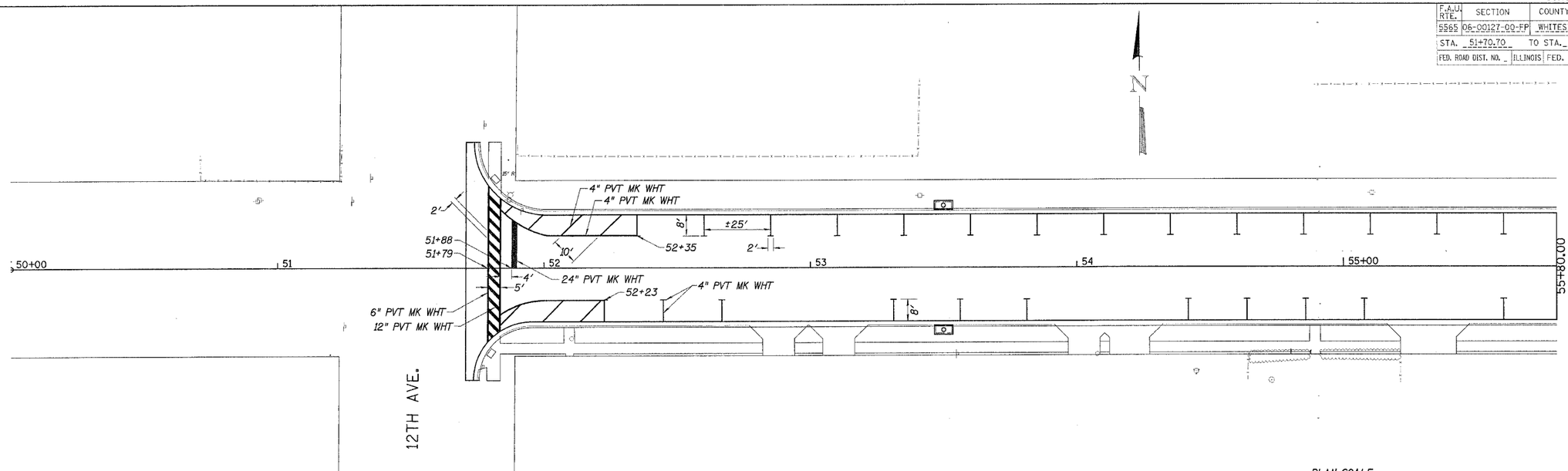


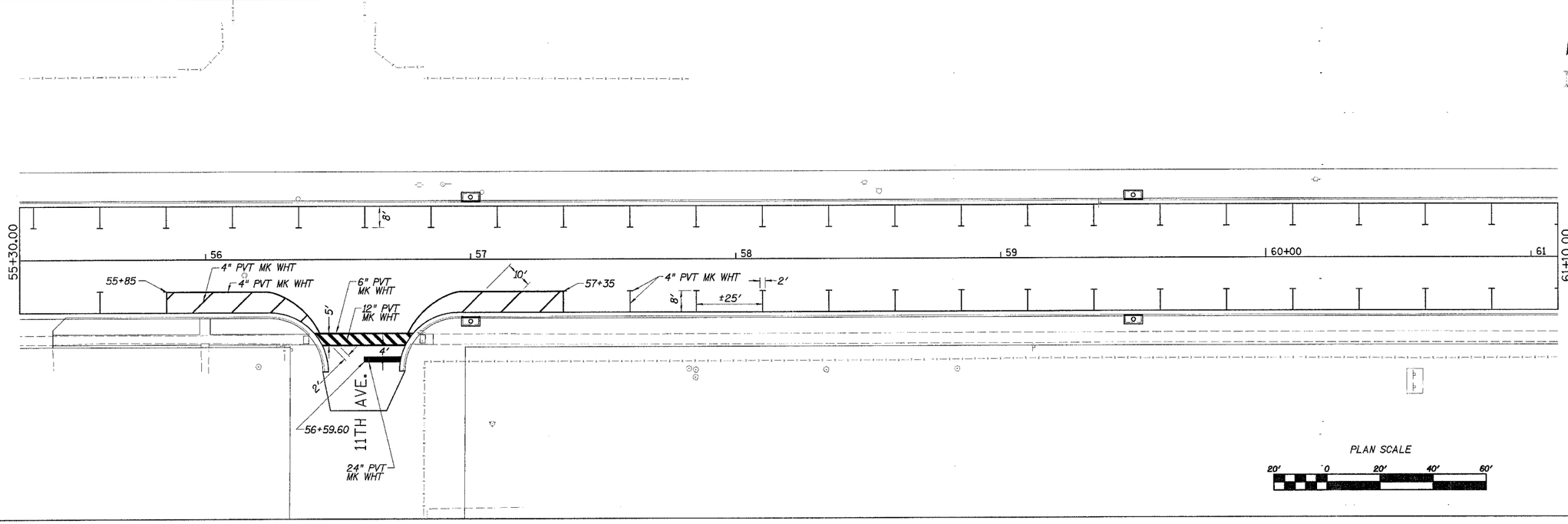
19TH ST. & 8TH AVE. INTERSECTION

S:/TRANS/1121D05/DESIGN/PP19TH5.DGN

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	11
STA. 51+70.70	TO STA. 55+80			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



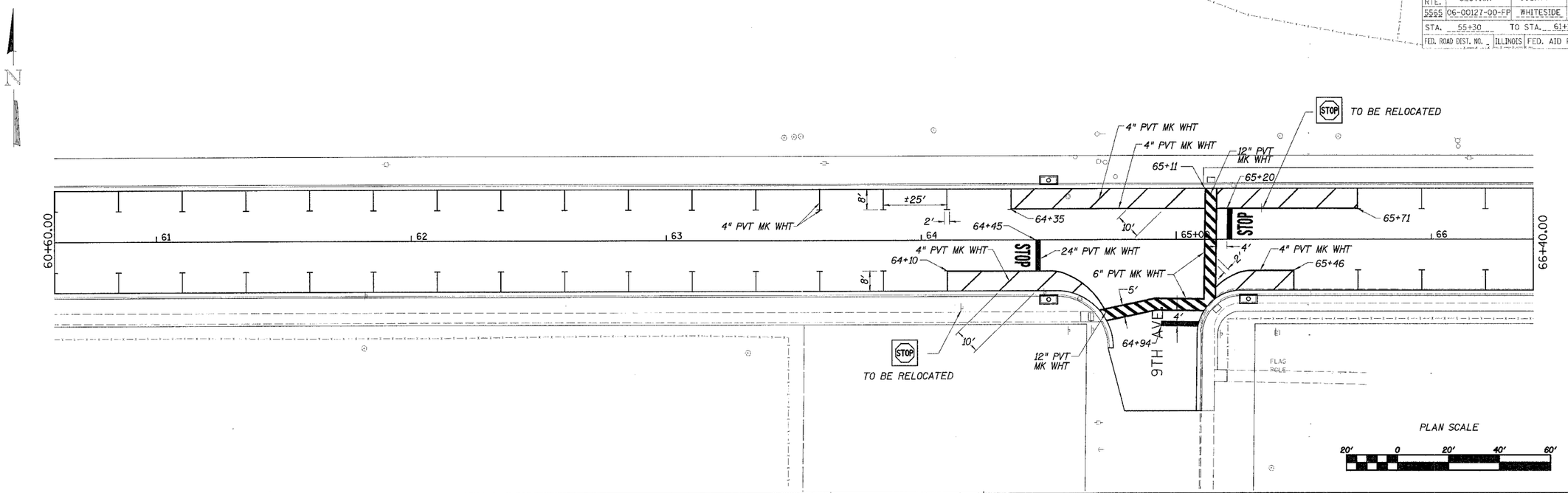


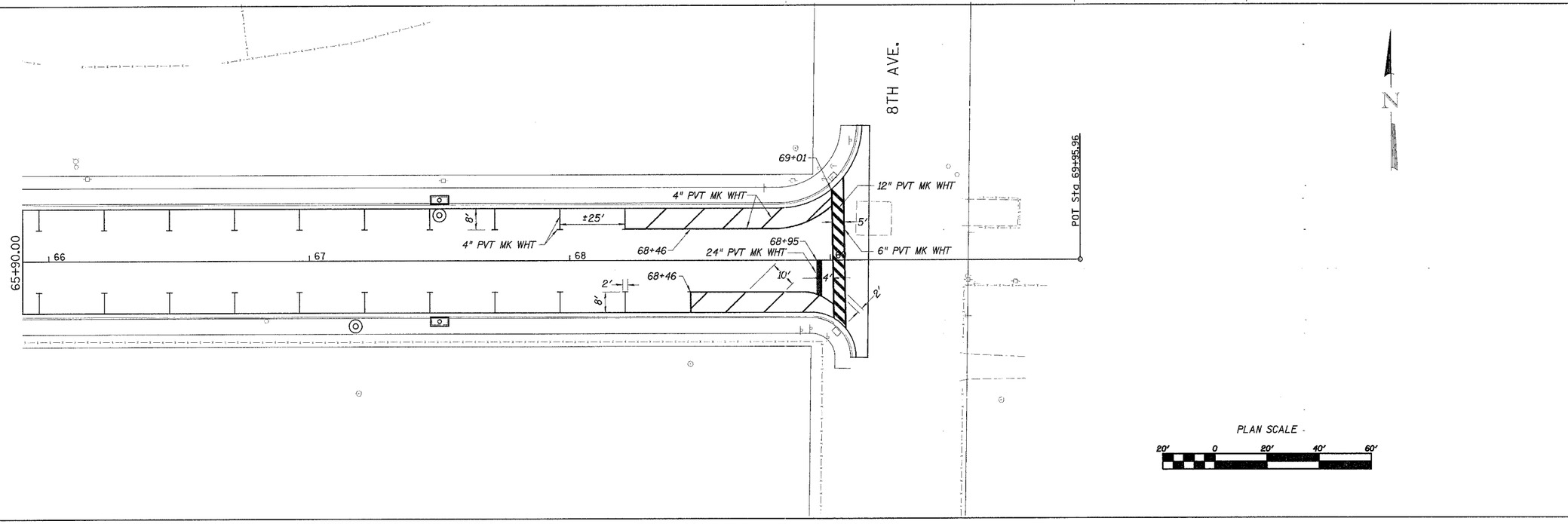
S:/TRANS/1121D05/DESIGN/PAVTMARKINGS.DGN

19TH ST – PAVEMENT MARKINGS

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	12
STA. 55+30	TO STA. 61+10			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



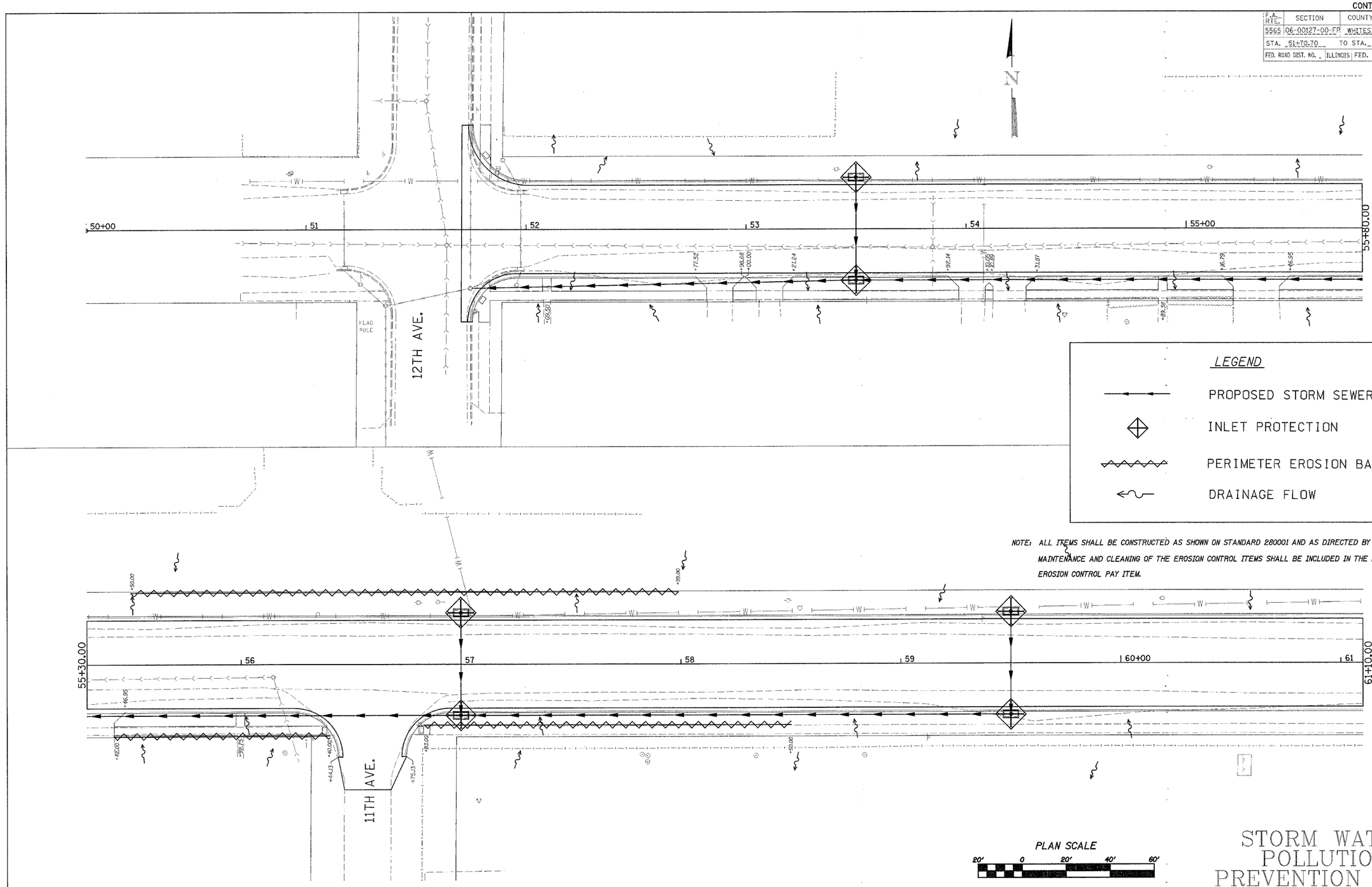


S:/TRANS/1121D05/DESIGN/PAVTMARKINGS.DGN

19TH ST – PAVEMENT MARKINGS

CONTRACT NO. 85404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	13
STA. 51+70.70	TO STA. 61+10			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- PROPOSED STORM SEWER
- INLET PROTECTION
- PERIMETER EROSION BARRIER
- DRAINAGE FLOW

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

PLAN SCALE

20' 0 20' 40' 60'

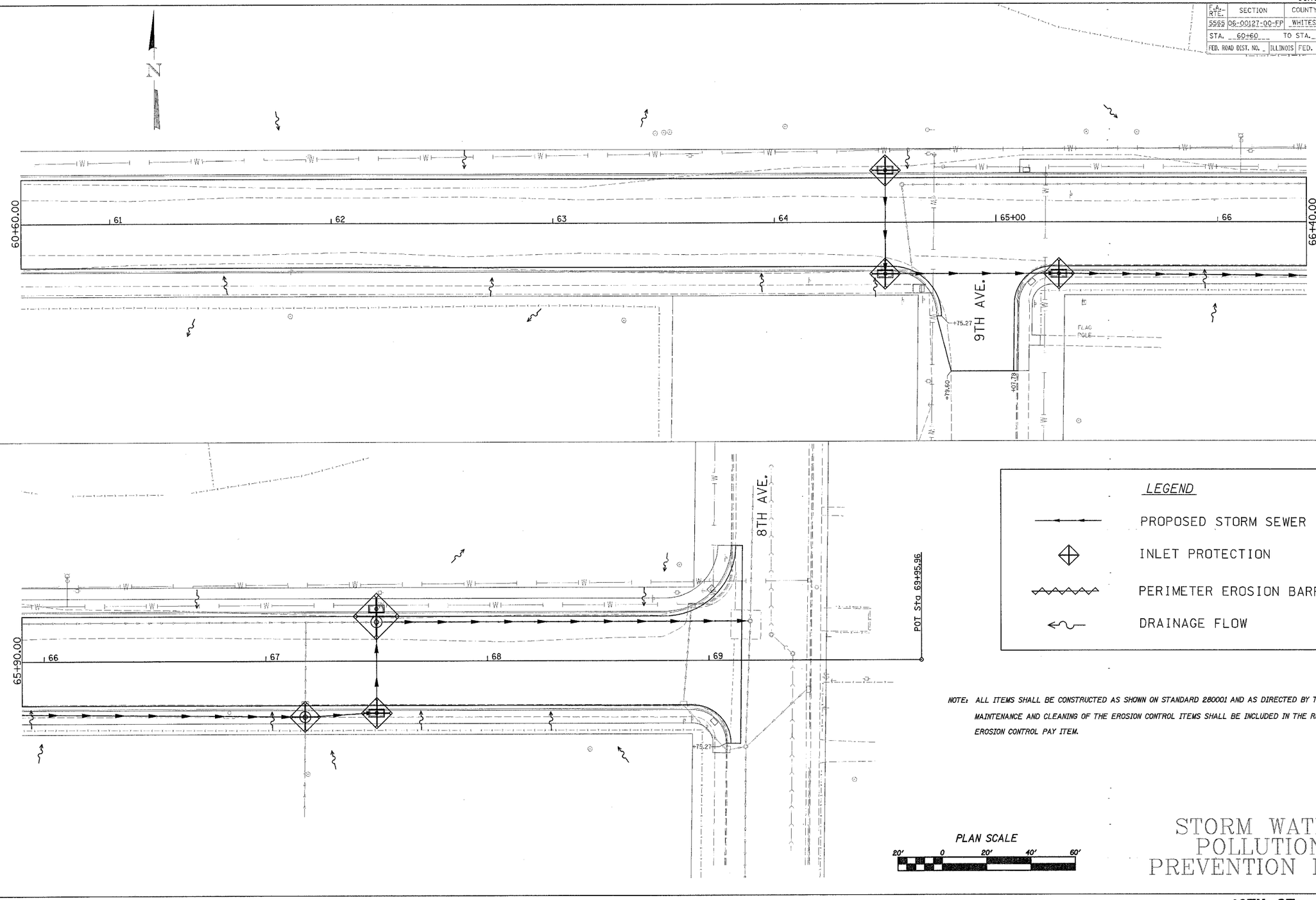
STORM WATER POLLUTION PREVENTION PLAN

19TH ST – SWPPP

S/TRANS/1121D05/DESIGN/SWPPP19TH.DGN

CONTRACT NO. 85404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	14
STA. 60+60		TO STA. 69+14.64		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- PROPOSED STORM SEWER
- INLET PROTECTION
- PERIMETER EROSION BARRIER
- DRAINAGE FLOW

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

PLAN SCALE

20' 0 20' 40' 60'

STORM WATER POLLUTION PREVENTION PLAN

S/TRANS/1121D05/DESIGN/SWPPP19TH.DGN

19TH ST – SWPPP

CONTRACT NO. 85404

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	15
STA. 51+70.70	TO STA. 69+14.64			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SODDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SECTION 280, TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF TOTAL RECONSTRUCTION OF W. 19TH STREET BETWEEN 8TH AVENUE AND 12TH AVENUE.

2. CONSTRUCTION INCLUDES PAVEMENT REMOVAL, EARTH EXCAVATION, CONCRETE DRIVEWAYS, SIDEWALKS, AND CURB & GUTTER, NEW STORM SEWER AND INLETS, VARIOUS PAVEMENT ITEMS AND OTHER MISCELLANEOUS ITEMS OF CONSTRUCTION.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. PAVMENT REMOVAL AND EARTH EXCAVATION
2. STORM SEWER INSTALLATION
3. INSTALLATION OF INLET & PIPE PROTECTION
4. AGGREGATE BASE, BITUMINOUS SURFACE AND RELATED APPURTENANCES
5. PLACEMENT OF PERMANENT EROSION CONTROL INCLUDING SODDING

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION IS ESTIMATED TO BE 2.6 ACRES OF WHICH 2.6 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM SEWER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM CITY OFFICIALS FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLANS, DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL
DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

   (a) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

   (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.

   (c) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

   (d) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER

   (e) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THAT RIGHT-OF-WAY LINE.

2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

   (a) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

   (b) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IT THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

   (c) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:

      I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.

      II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.

   d) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.

   (e) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

   (f) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF ½ INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

   (g) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION (SPECIAL).

   (h) THE TEMPORARY EROSION CONTROL SYSTEM SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.

2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLED AT A RATE OF 100 LBS/ACRES.
2. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS MAY BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT SEDGES), AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
3. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BY DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION (SPECIAL).
4. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED BY IDOT FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER INLET PROTECTION TO PREVENT SILT AND DEBRIS FROM ENTERING STORM SEWER SYSTEM. ALL SILT AND DEBRIS SHALL BE REMOVED, AT THE CONTRACTOR'S EXPENSE, FROM ALL INLETS AND MANHOLES PRIOR TO ACCEPTANCE.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST FO MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

K. Blair — MAYOR

2-1-2007 — DATE

STORM WATER POLLUTION PREVENTION PLAN

19TH ST – SWPPP

S/TRANS/1121D05/DESIGN/SWPPP19TH.DGN

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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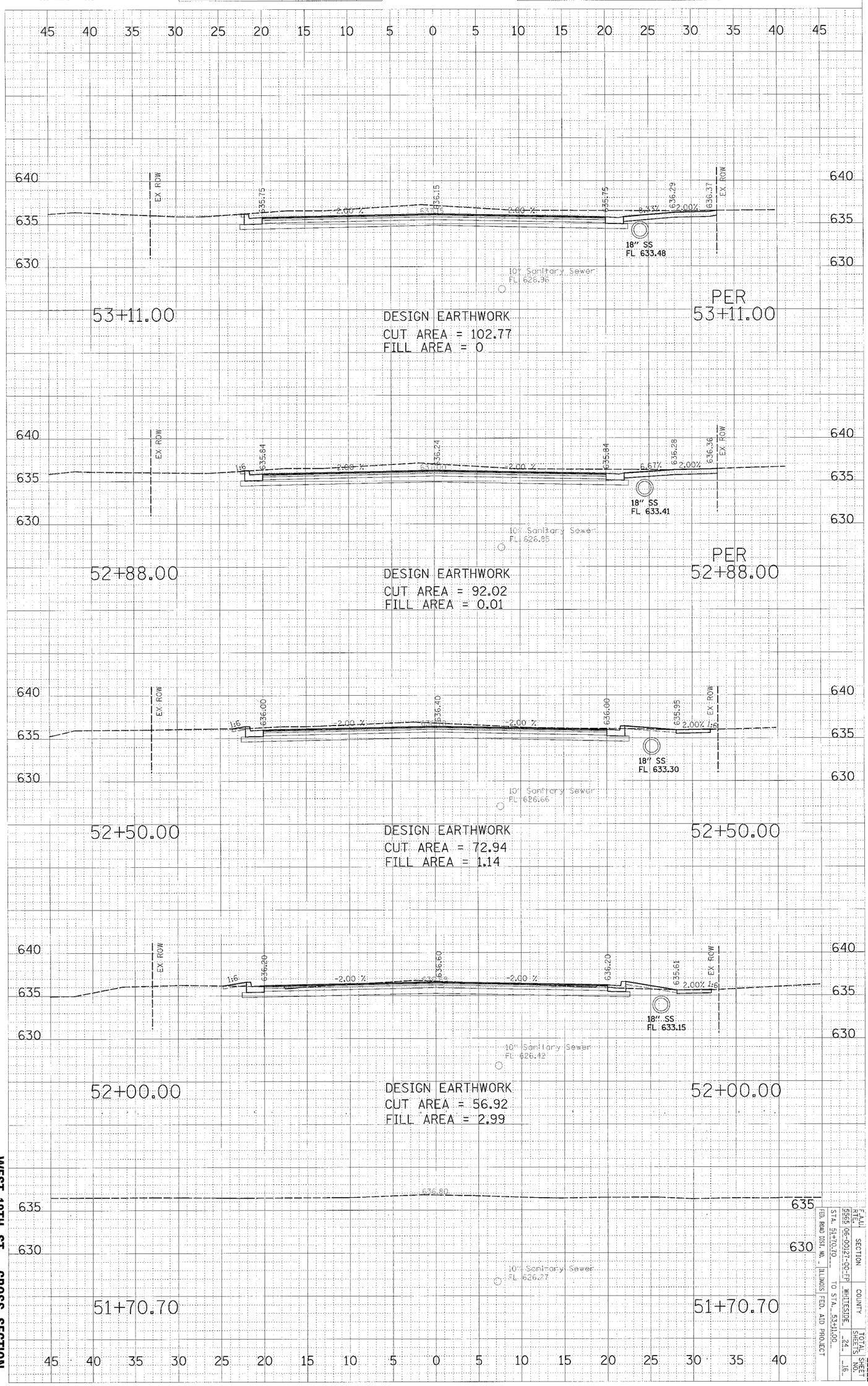

WEST 19TH ST. – CROSS SECTION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	16

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | STA. 51+70.70 | TO STA. 53+11.00

CONTRACT NO. 85404

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FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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WEST 19TH ST. – CROSS SECTION

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45

640 635 630

EX ROW

1:6 | 2.00 % | 2.00 % | 2.00% | EX ROW

18" SS
FL 634.04

10" Sanitary Sewer
FL 627.81

55+00.00

DESIGN EARTHWORK
CUT AREA = 81.74
FILL AREA = 0.02

54+50.00

18" SS
FL 633.89

10" Sanitary Sewer
FL 627.59

DESIGN EARTHWORK
CUT AREA = 88.26
FILL AREA = 0

54+20.00

18" SS
FL 633.80

10" Sanitary Sewer
FL 627.46

PER

DESIGN EARTHWORK
CUT AREA = 99.61
FILL AREA = 0

54+03.00

18" SS
FL 633.75

10" Sanitary Sewer
FL 627.39

PER

DESIGN EARTHWORK
CUT AREA = 102.80
FILL AREA = 0

INLET SPECIAL NO. 5
12" SS
FL 633.73

46' STORM SEWER
SPEC 12" @ 0.3%

12" SS
FL 633.59
INLET SPECIAL NO. 5

18" SS

10" Sanitary Sewer
FL 627.15

53+50.00

DESIGN EARTHWORK
CUT AREA = 103.71
FILL AREA = 0

53+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00027-00-FP	WHITESIDE	24	17

STA. 53+50.00 TO STA. 55+00.00

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

CONTRACT NO. 85404

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PLOT SCALE = $SCALE$
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FINAL SURVEY		BY	DATE
	SURVEYED		
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NO.	AREAS		
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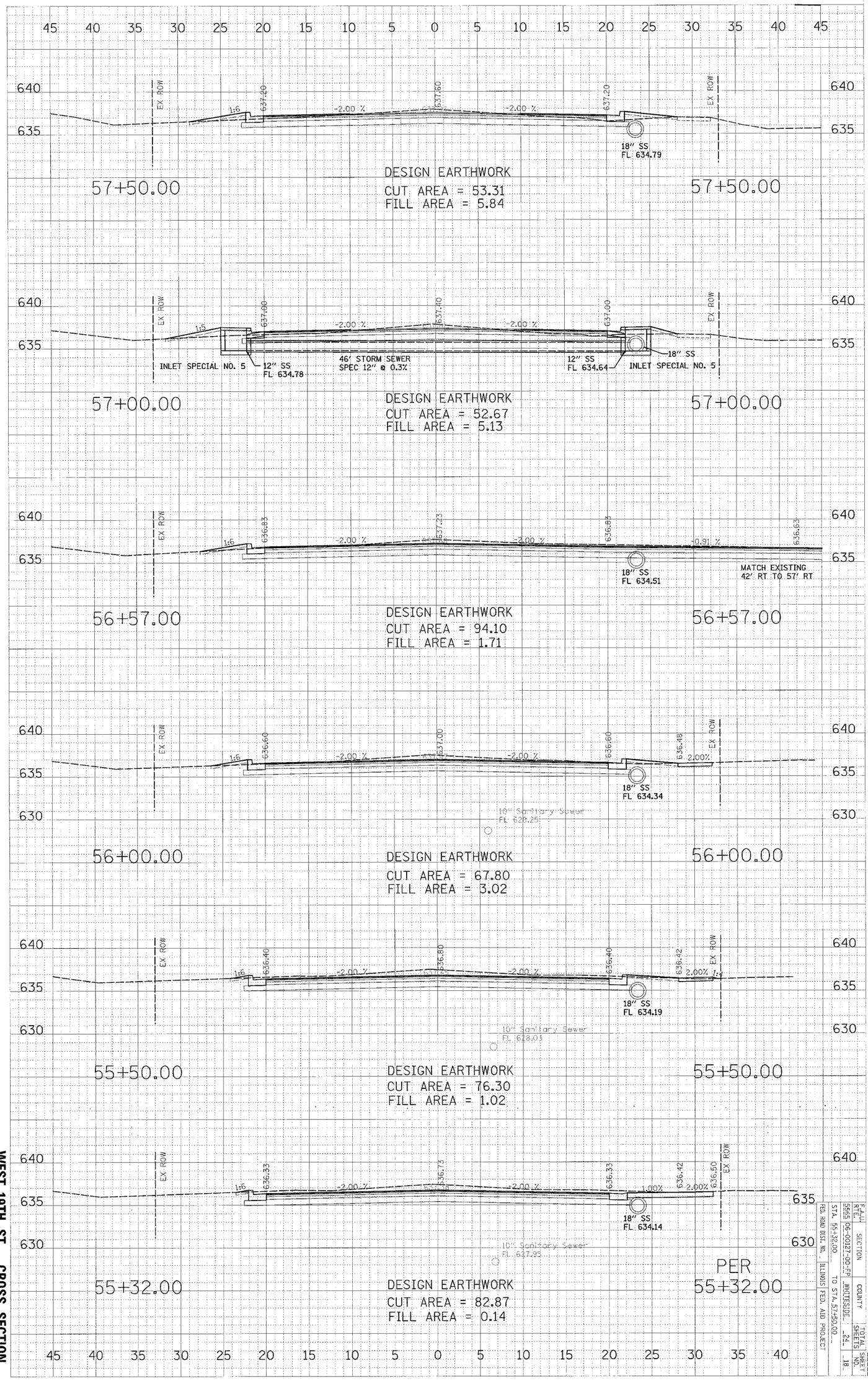

WEST 19TH ST. – CROSS SECTION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	18
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

STA. 55+32.00 TO STA. 57+50.00

CONTRACT NO. 85404

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FINAL SURVEY		BY	DATE
	SURVEYED		
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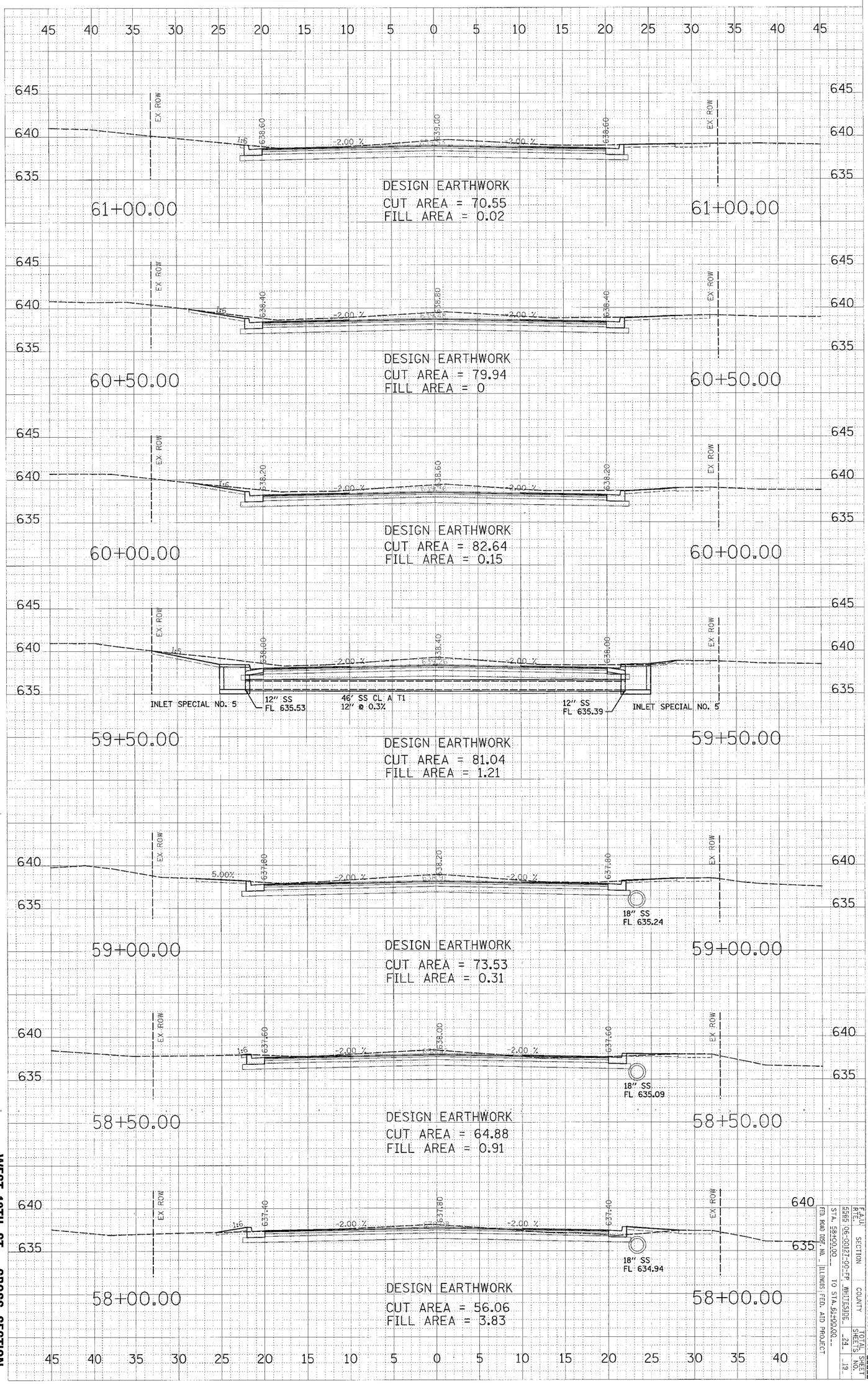

WEST 19TH ST. – CROSS SECTION

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	19

STA. 58+50.00 TO STA. 61+00.00

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

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	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

FINAL SURVEY	BY	DATE
	SURVEYED	
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NOTE BOOK	TEMPLATE	
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	AREAS CHECKED	

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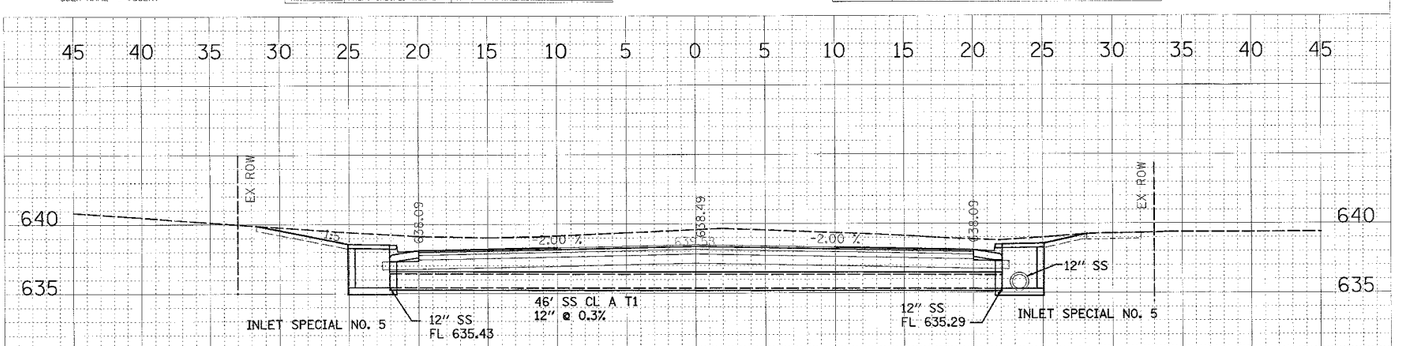
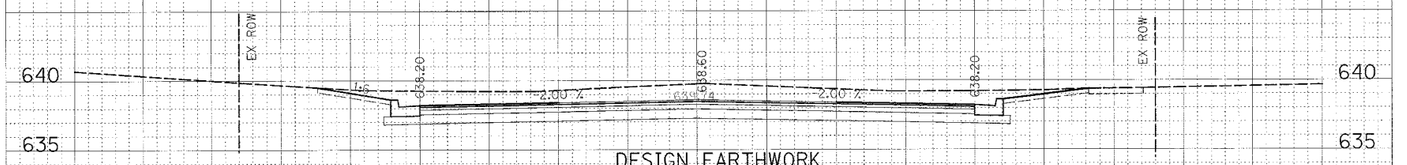


64+50.00

DESIGN EARTHWORK
CUT AREA = 105.86
FILL AREA = 0

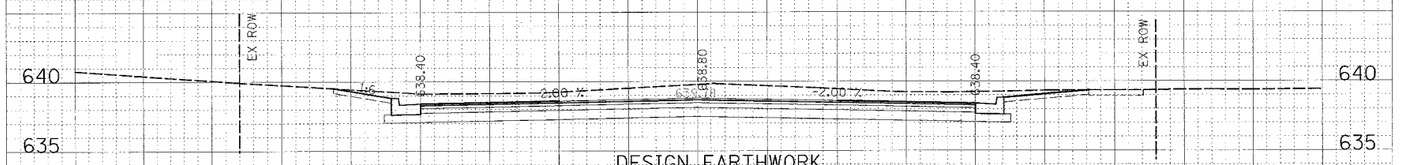
64+50.00



64+00.00

DESIGN EARTHWORK
CUT AREA = 106.70
FILL AREA = 0

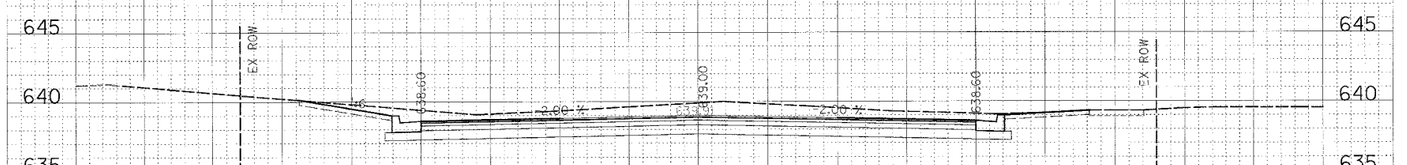
64+00.00



63+50.00

DESIGN EARTHWORK
CUT AREA = 97.36
FILL AREA = 0

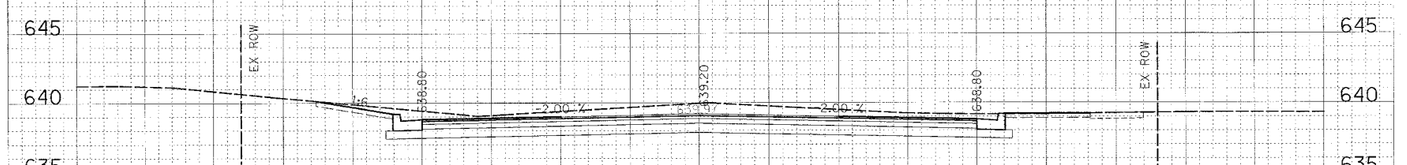
63+50.00



63+00.00

DESIGN EARTHWORK
CUT AREA = 92.07
FILL AREA = 0

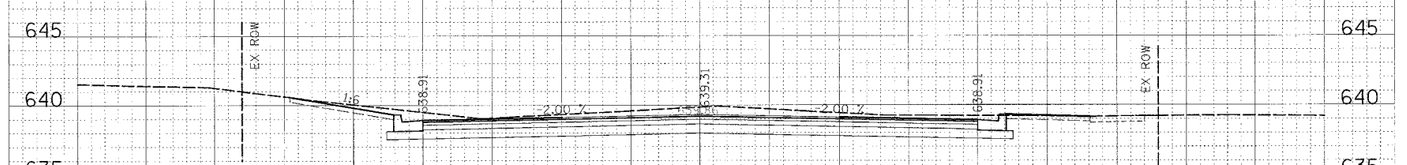
63+00.00



62+50.00

DESIGN EARTHWORK
CUT AREA = 82.62
FILL AREA = 0.16

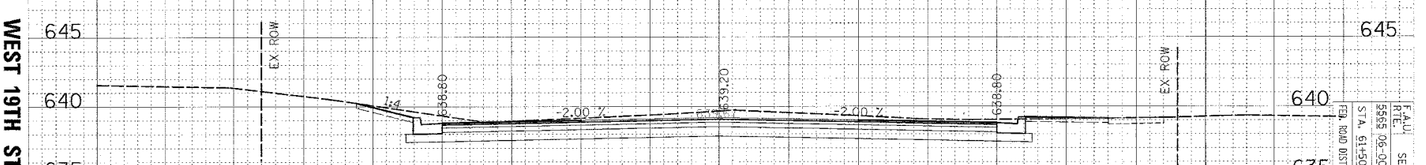
62+50.00



62+00.00

DESIGN EARTHWORK
CUT AREA = 76.55
FILL AREA = 0.30

62+00.00



61+50.00

DESIGN EARTHWORK
CUT AREA = 73.39
FILL AREA = 0.44

61+50.00

WEST 19TH ST. - CROSS SECTION

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24 20
STA. 61+50.00		TO STA. 64+50.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = @USER@

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

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

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45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45

640
635
630

EX ROW

1:6 2.00% 638.10 -2.00 % 638.50 -2.00 % 638.10 2.00% 1:6

18" SS

INLET SPECIAL NO. 5
12" SS
FL 634.19
4' SS CL A T1
12" @ 0.5%
12" SS
FL 634.17
18" SS
FL 634.17
MH TA 4' DIA
W/T1 FRAME & CLOSED LID
TM 638.15
38' SS CL A T1
18" @ 0.5%
18" SS
FL 634.37
INLET SPECIAL NO. 5

67+50.00

DESIGN EARTHWORK
CUT AREA = 71.16
FILL AREA = 0

67+50.00

EX ROW

1:6 2.00% 638.20 -2.00 % 638.60 -2.00 % 638.20 2.00%

EX 12" PVC SS
TO BE REMOVED
FL 634.50

15" SS
FL 634.55

67+00.00

DESIGN EARTHWORK
CUT AREA = 60.54
FILL AREA = 0.32

67+00.00

EX ROW

2.00% 638.40 -2.00 % 638.80 -2.00 % 638.40 2.00%

EX 12" PVC SS
TO BE REMOVED
FL 634.83

15" SS
FL 634.70

66+50.00

DESIGN EARTHWORK
CUT AREA = 60.26
FILL AREA = 0

66+50.00

EX ROW

1:6 2.00% 638.61 -2.00 % 638.91 -2.00 % 638.51 2.00% 1:6

EX 12" PVC SS
TO BE REMOVED
FL 635.16

15" SS
FL 634.85

66+00.00

DESIGN EARTHWORK
CUT AREA = 64.69
FILL AREA = 0.10

66+00.00

EX ROW

1:6 2.00% 638.40 -2.00 % 638.80 -2.00 % 638.40 2.00% 1:6

EX 12" PVC SS
TO BE REMOVED
FL 635.19

15" SS
FL 635.00

65+50.00

DESIGN EARTHWORK
CUT AREA = 87.56
FILL AREA = 0

65+50.00

EX ROW

1:6 638.18 -2.00 % 638.58 -2.00 % 638.18 3.18 %

EX 12" PVC SS
TO BE REMOVED
FL 635.86

12" SS
FL 635.16

MATCH EXISTING
67' RT

64+94.00

DESIGN EARTHWORK
CUT AREA = 193.76
FILL AREA = 0

64+94.00

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40

WEST 19TH ST. - CROSS SECTION

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	21

STA. 64194.00 TO STA. 67+50.00

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

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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

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

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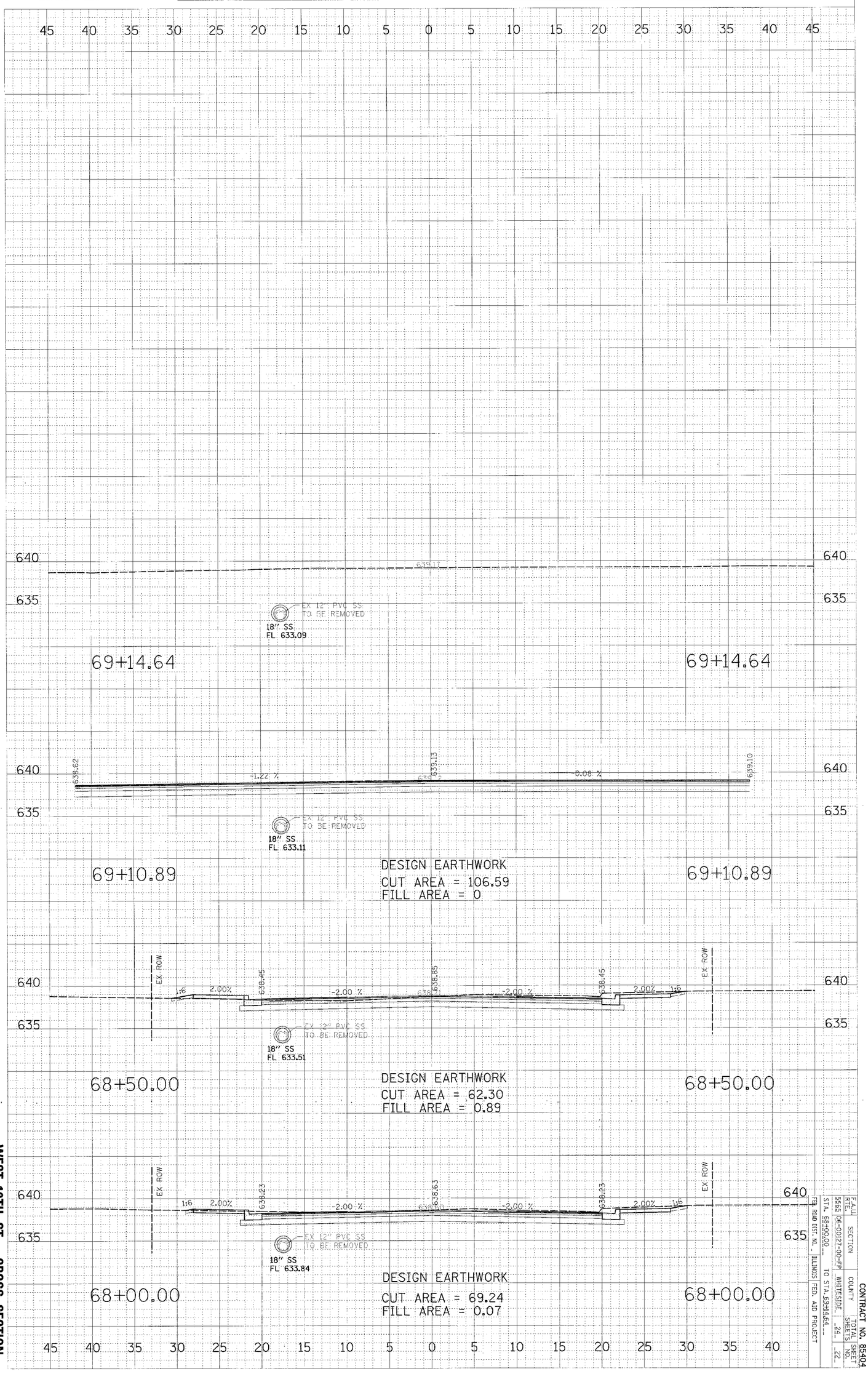


WEST 19TH ST. – CROSS SECTION

CONTRACT NO. 85404

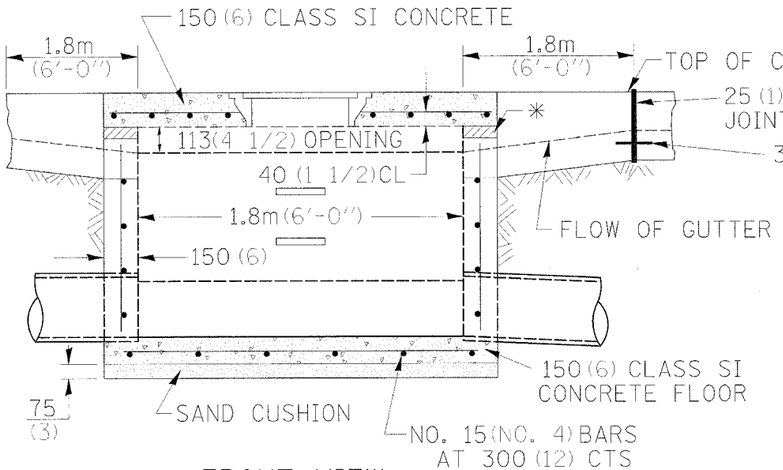
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
5563	06-00127-00-FP	WHITESIDE	24
STA. 68+00.00	TO STA. 69+14.64		22

TYP. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

CONTRACT NO. 85404

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	23
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

INLET SPECIAL NO. 5



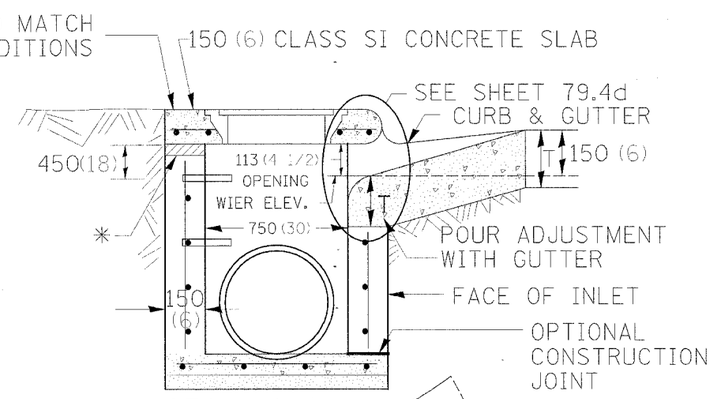
FRONT VIEW

STEPS AT 300 (12) TO 400 (16) CTS.

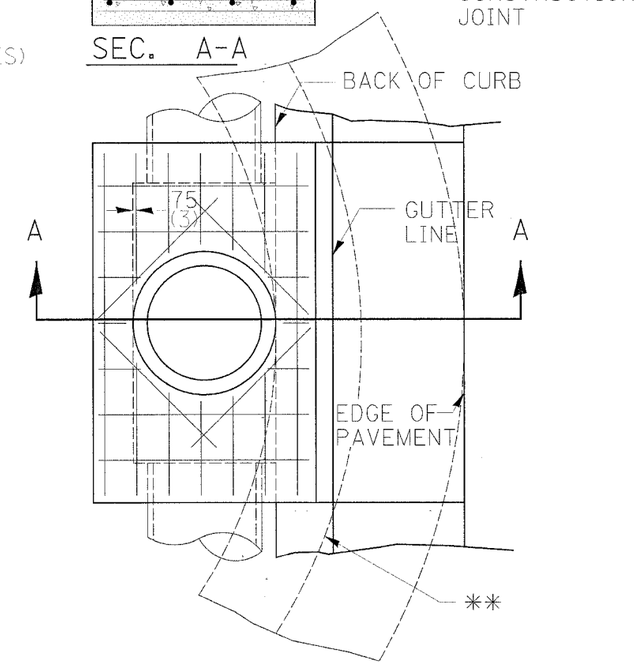
* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

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



SEC. A-A



** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REINFROCEMENT FOR INLET SPECIAL NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4e

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.)

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

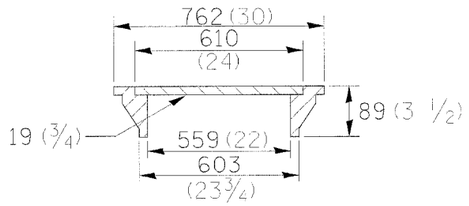
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 73 KG. (160 LBS.)

PLOT DATE = $DATE$
FILE NAME = $FILE1$
PLOT SCALE = $SCALE$
REFERENCE = REF

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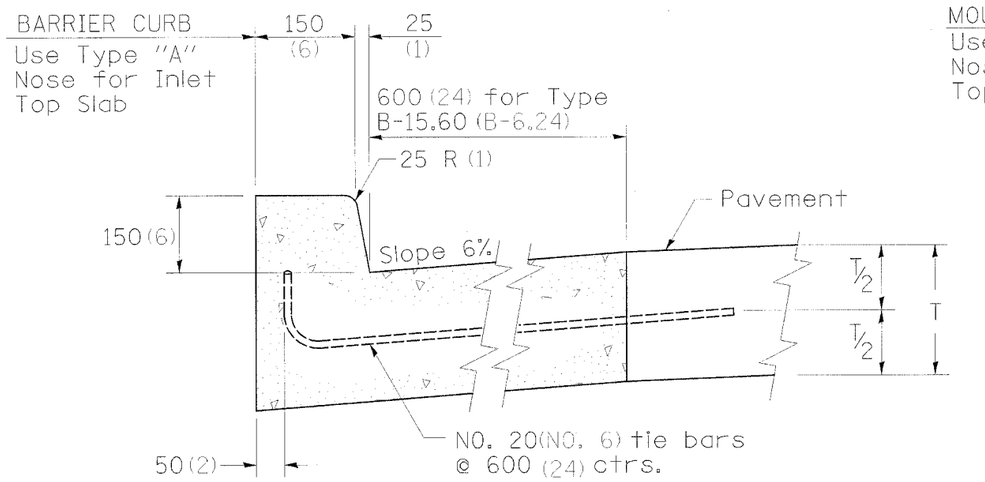
INLET SPECIAL NO. 5 **79.4b**

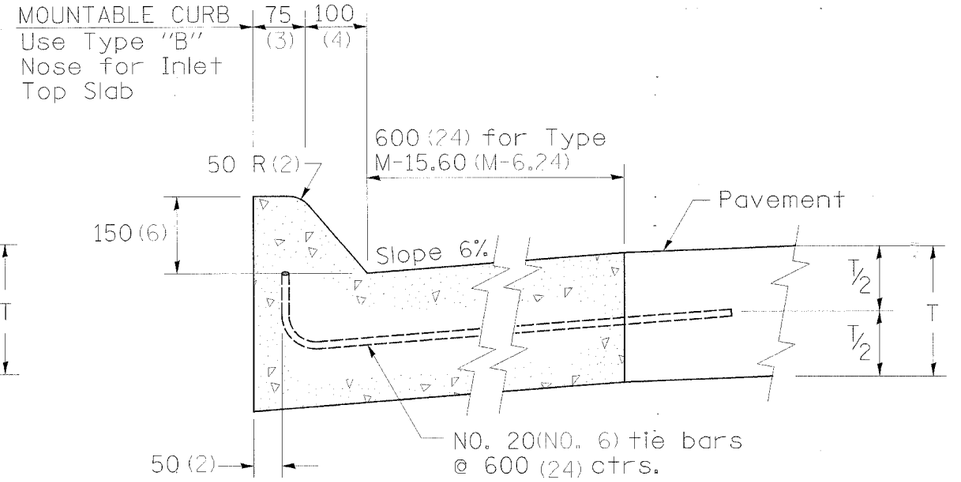
REVISED 4-4-05

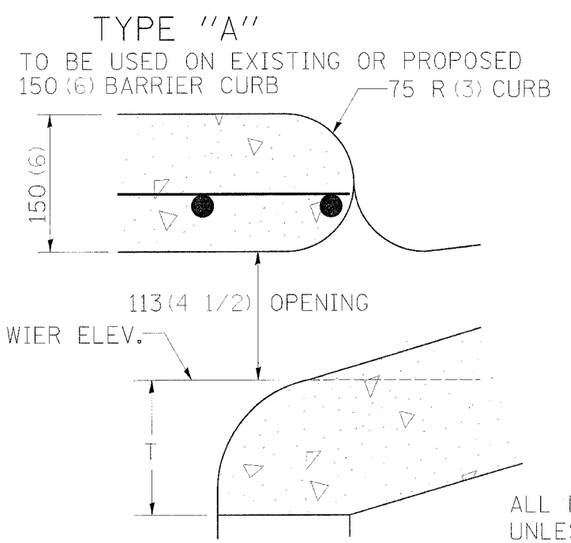
CONTRACT NO. 85404

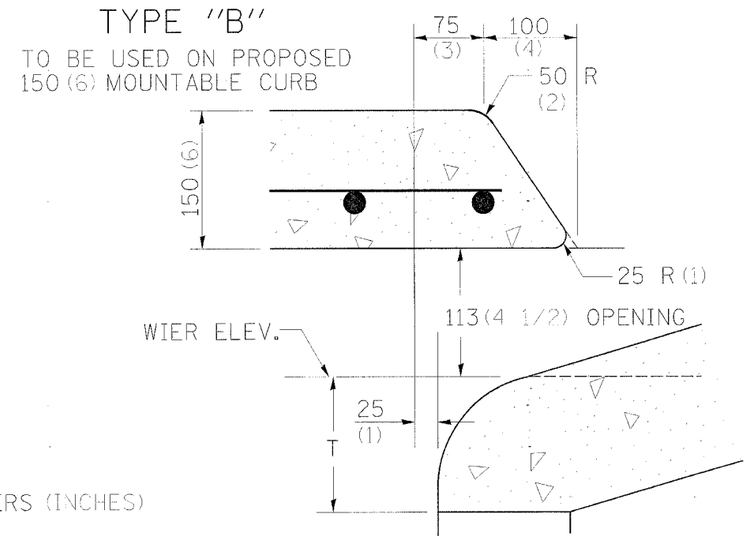
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5565	06-00127-00-FP	WHITESIDE	24	24
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

NOSE TYPE FOR INLET TOP SLAB









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

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
REFERENCE = REF

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NOSE TYPE FOR INLET TOP SLAB 79.4d

REVISED 2-14-95