

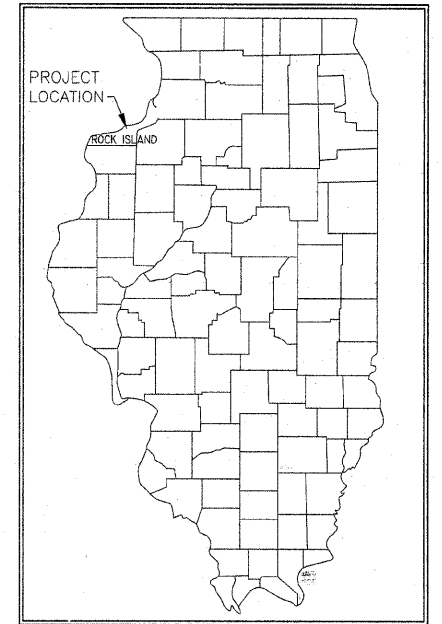
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND	34	1

INDEX OF SHEETS	
1.	COVER SHEET
2-4.	QUANTITIES, GENERAL NOTES & SYMBOL & SIGN LEGENDS
5.	PROPOSED TYPICAL SECTIONS
6.	EXISTING TYPICAL SECTIONS
7.	DETOUR PLAN
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15-16.	PAVEMENT MARKING
17.	DETOUR SIGNS & VINYL FENCE DETAILS
18-19.	PRECAST MODULAR RETAINING WALL DETAILS
20.	MISC. DETAILS
21-24.	MOLINE STANDARD DETAILS
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27-28.	GEOMETRIC AND RIGHT OF WAY PLANS
29-34.	CROSS SECTIONS

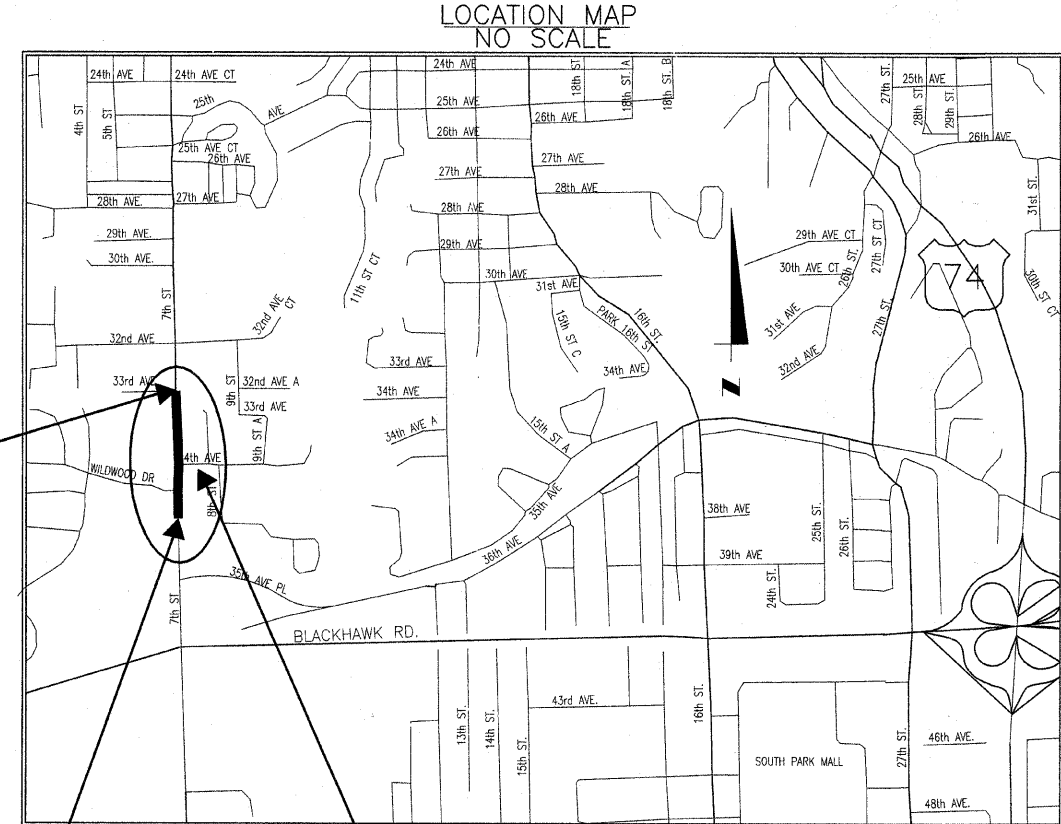
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
F.A. URBAN PROJECT

F.A.U. ROUTE 5827
SECTION 02-00221-00-RP
ROCK ISLAND COUNTY
PROJECT NO M-5074(079)
JOB NO C-92-020-08
CITY OF MOLINE
CONTRACT NO. 85460



IDOT HIGHWAY STANDARDS	
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
542301-02	PRECAST REINFORCED FLARED END SECTION
542311-01	GRATING FOR CONC. FLARED END SECTION
604001-03	FRAME AND LIDS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGN & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 22-6	TRAFFIC CONTROL DEVICES



**CALL J.U.L.I.E.
BEFORE YOU DIG
1-800-892-0123**

UTILITIES

The following utility companies may have utilities located on this project:

Mid-America Energy 716 17 th St Moline, IL 61265 Elec. PH (309) 793-3746 Gas PH (309) 793-3778	SBC 635 - 18 th Street Rock Island, IL 61201 PH (309) 793-4465
Mediacom 3900 - 26 th Avenue Moline, IL 61265 PH (309) 743-4750	McLeod USA PH (217) 876-7194
City of Moline Sanitary Sewer City of Moline Storm Sewers City of Moline Water Mains	(309) 797-0488 (309) 797-0718 (309) 736-5760

CONTRACTOR SHALL CALL J.U.L.I.E. TO CONTACT ALL UTILITY COMPANIES WHICH MAY HAVE FACILITIES IN THE AREA OF CONSTRUCTION AND OBTAIN THE EXACT LOCATION OF THESE FACILITIES.

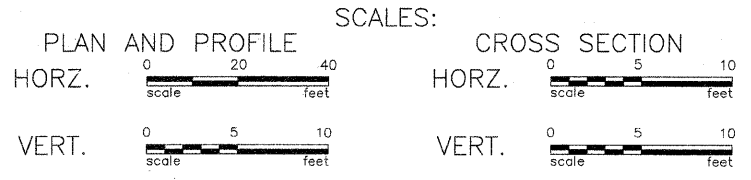
CITY OF MOLINE STANDARDS		
DETAIL #	SHT.	
2	21	INTEGRAL CURB DETAIL
3	21	MANHOLE BOX OUT DETAIL
4	21	JOINT TYPE & LAYOUT DETAIL
5	21	CONSTRUCTION JOINT & EXPANSION JOINT DETAIL
6	21	LONGITUDINAL JOINT & TRANSVERSE DETAIL
7	21	RESIDENTIAL / COMMERCIAL DRIVEWAY & SIDEWALK DETAILS
7A	22	TYPICAL BOULEVARD SECTIONS DETAIL
7B	22	TYPICAL BOULEVARD SECTIONS DETAIL
9	22	TYPICAL ADJUSTMENT DETAIL
10	22	TYPICAL MANHOLE DETAIL
13	22	BEDDING AND TRENCH BACKFILL
14	23	CATCH BASIN SINGLE / DOUBLE DETAIL
15	23	CATCHBASIN SPECIAL NO 1, 2, OR 3
18	23	PIPE UNDERDRAIN DETAIL
18A	23	PIPE UNDERDRAIN DETAIL
22	23	GATE VALVE BOX INSTALLATION
23	24	TYPICAL VALVE VAULT DETAIL
24	24	DIRECT TAP SERVICE PIPING (COPPER)
25	24	CURB BOX AND SLEEVE
26	24	THRUST BLOCK INSTALLATIONS
27	24	FIRE HYDRANT ASSEMBLY
28	24	STANDARD TEST CONNECTION
24	24	TREE PLANTING DETAIL

END PROJECT
STA. 118+56.83

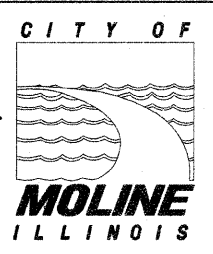
BEGIN PROJECT
STA. 104+20.3

PROJECT AREA
7TH STREET
33RD AVE TO WILDWOOD DRIVE EXTENDED
LENGTH OF PROJECT: 1,440 FEET OR 0.32 MILES

FUNCTIONAL CLASSIFICATION:
URBAN MINOR ARTERIAL.
CURRENT ADT = 11,000 PROPOSED ADT = 17,000, TRUCKS = 1%
INTEGRAL CURB & GUTTER, TIED EDGE SUPPORT CONDITIONS
SUBGRADE SUPPORT RATING (SSR) = POOR
DESIGN SPEED = 35 MPH
CLOSED ADT = 120



SCOTT R. HINTON
062-052646
REGISTERED PROFESSIONAL ENGINEER
Signature: *[Signature]*
Date: 10/19/09
Exp. Date: 11/30/09



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved: 10/19/09 *[Signature]*
MOLINE, IL CITY ENGINEER

Passed: 10/30/09 *[Signature]*
District 2 Engineer of Local Roads & Streets

Releasing for Bid: 10/30/09
Based on Limited Review: *[Signature]*
Deputy Director of Highway, Region 2 Engineer

Prepared By
City of Moline, Illinois
DEPARTMENT OF PUBLIC WORKS
Engineering Division

[Signature] 10/19/09
APPROVED SCOTT R. HINTON P.E. 52646 DATE
CITY ENGINEER EXP. 11-09

CODE	SUMMARY OF QUANTITIES (CONSTRUCTION TYPE CODE: J000)	UNIT	TOTAL	PARTICIPATING ITEMS	NON-PARTICIPATING Y060 ITEMS
20100110	TREE REMOVAL (6 TO 15 UNITS DIA.)	UNIT	96	96	
20100210	TREE REMOVAL (OVER 15 UNITS DIA.)	UNIT	84	84	
20700110	POUROUS GRANULAR EMBANKMENT	TON	410	410	
20800150	TRENCH BACKFILL	C.Y.	158.3	563	1020
20900330	GRANULAR BACKFILL	TON	70	70	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	S.Y.	6255	6255	
28101300	DUMPED RIPRAP SPECIAL	TON	55	55	
31102300	SUBBASE GRANULAR MATERIAL TYPE C, 6"	S.Y.	7133	7133	
35101800	AGGREGATE BASE COURSE TYPE "B", 6"	S.Y.	23	23	
40200500	AGGREGATE SURFACE COURSE, TYPE A, 6"	S.Y.	38	38	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7	S.Y.	375	375	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	S.F.	16781	16781	
42400800	DETECTABLE WARNINGS	S.F.	72	72	
44000100	PAVEMENT REMOVAL	S.Y.	5461	5461	
44000200	DRIVEWAY PAVEMENT REMOVAL	S.Y.	491	491	
44000600	SIDEWALK REMOVAL	S.F.	4595	4595	
50800105	REINFORCEMENT BARS	LB.	160	160	
54248510	CONCRETE COLLAR	C.Y.	0.5	0.5	
55021600	STORM SEWER, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL III, 12"	FOOT	570	570	
55021700	STORM SEWER, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL III, 15"	FOOT	113	113	
55021800	STORM SEWER, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL III, 18"	FOOT	125	125	
55024100	STORM SEWER, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL IV, 24"	FOOT	81	81	
55100500	STORM SEWER REMOVAL, 12"	FOOT	174	174	
55100700	STORM SEWER REMOVAL, 15"	FOOT	47	47	
* 56102900	DUCTILE IRON WATER MAIN 4"	FOOT	38		38
* 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	49		49
* 56103200	DUCTILE IRON WATER MAIN 10"	FOOT	34		34
* 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	1435		1435
* 56200300	WATER SERVICE LINE 1"	FOOT	325		325
* 56400500	FIRE HYDRANTS TO BE REMOVED	EA.	4		4
60107600	PIPE UNDERDRAINS 4"	FOOT	143	143	
60107700	PIPE UNDERDRAINS 6"	FOOT	1207	1207	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	111	111	
60213500	CATCH BASIN SPECIAL NO. 2	EA.	3	3	
60218300	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, OPEN LID	EA.	2	2	
60221100	MANHOLES, TYPE A, 5' - DIAMETER, TYPE 1 FRAME, CLOSED LID	EA.	1		1
60255500	MANHOLES TO BE ADJUSTED	EA.	1	1	
60255800	MANHOLES TO BE ADJUSTED W/ NEW TYPE 1 FRAME, CLOSED LID	EA.	3		3
60260050	SAN. MANHOLES TO BE RECONSTRUCTED	EA.	2		2
60260100	INLETS TO BE ADJUSTED	EA.	2	2	
60266910	VALVE BOX TO BE REMOVED	EA.	6		6
60500040	REMOVING MANHOLES	EA.	2	1	1
60500060	REMOVING INLETS	EA.	6	6	
67100100	MOBILIZATION	L.SUM	1	1	
70103700	TRAFFIC CONTROL COMPLETE	L.SUM	1	1	
* 78001100	PAINT PAVEMENT MARKING LETTERS AND SYMBOLS	S.F.	160	160	
* 78001110	PAINT PAVEMENT MARKING LINE, 4"	FOOT	3795	3795	
* 78001130	PAINT PAVEMENT MARKING LINE, 6"	FOOT	70	70	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EA.	75	75	
LR420133	PORTLAND CEMENT CONCRETE PAVEMENT, 9" (SPECIAL) WITH INTEGRAL CURB	S.Y.	6814	6814	
* C2C02336	SHRUB, DIERVILLA LONICERA (BUSH HONEYSUCKLE), 3' HEIGHT CONTAINER	EA.	17	17	
* XX000648	SEEDING SPECIAL	S.Y.	2952	2952	
* XX000739	CURB STOP AND BOX, 1"	EA.	13		13
XX000856	MAILBOX REMOVAL AND RELOCATION	EA.	14	14	
XX003952	TEMPORARY EROSION CONTROL COMPLETE	L.SUM	1	1	
XX005763	CATCH BASIN DOUBLE	EA.	4	4	
XX005764	CATCH BASIN SINGLE	EA.	4	4	
* XX005776	DUCTILE IRON WATER MAIN FITTINGS 45 BEND 12"	EA.	4		4
* XX005101	DUCTILE IRON WATER MAIN FITTING, 12"x 10" TEE	EA.	1	1	
* XX005778	DUCTILE IRON WATER MAIN FITTING 45 BEND 8"	EA.	2	2	
* XX008247	DUCTILE IRON WATER MAIN FITTING 45 BEND 4"	EA.	2	2	
* XX003531	WATER SERVICE CONNECTION, 1"	EA.	13		13
* XX006241	GATE VALVE AND BOX, 8"	EA.	1	1	
XX006598	VINYL FENCE, 6'	FOOT	140	140	
* XX007263	GATE VALVE WITH BOX, 4"	EA.	1	1	
* XX008248	BUTTERFLY VALVE, 10" DIA. W/ VAULT	EA.	1	1	
* XX007541	BUTTERFLY VALVE, 12" DIA. W/ VAULT	EA.	3	3	
X0301834	STORM SEWER TO BE FILLED	FOOT	192	192	
X0322923	SEGMENTAL CONCRETE BLOCK WALL	S.F.	5521	5521	
X0322924	RETAINING WALL REMOVAL	S.F.	480	480	
* X0323187	DUCTILE IRON WATER MAIN TEE, 12"x 4"	EA.	1	1	
* X0323188	DUCTILE IRON WATER MAIN TEE, 12"x 6"	EA.	4	4	
* X0323189	DUCTILE IRON WATER MAIN TEE, 12"x 8"	EA.	1	1	
* XX008249	DUCTILE IRON WATER MAIN TEE 4"x 2" W/STANDARD TESTING CORP, 1"	EA.	1	1	
* XX008250	STANDARD TESTING CONNECTION, 1"	EA.	4	4	
X0323443	PRECAST MODULAR RETAINING WALL	S.F.	1380	1380	
* X0324448	DUCTILE IRON WATER MAIN FITTING 10" 45 DEGREE BEND	EA.	2	2	
* X0325003	REMOVE EXISTING VALVE AND VAULT	EA.	2	2	
X0325421	STONE SURFACE SPECIAL	S.Y.	227	227	
X0545000	BOX CULVERT REMOVAL	FOOT	2	2	
X2010400	STUMP REMOVAL ONLY	UNIT	84	84	
* X5640150	FIRE HYDRANT ASSEMBLY COMPLETE	EA.	4	4	4
X6700410	ENGINEER'S FIELD OFFICE, TYPE A, (SPL.)	CAL MO	8	8	

* SPECIALTY ITEMS

GENERAL NOTES

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN 1, 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE SPECIAL PROVISIONS FOR THIS PROJECT SHALL CONTROL THIS PROJECT. THE SPECIAL PROVISIONS ARE CONTAINED WITHIN THE BIDDING DOCUMENTS.

ALL POINTS OF POSSIBLE CONFLICT WITH UTILITIES ARE TO BE EXCAVATED AS NECESSARY TO VERIFY EXACT LOCATION AND ELEVATION BEFORE COMMENCEMENT OF CONSTRUCTION.

TRAFFIC CONTROL SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL" AND SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND THE SPECIAL PROVISIONS FOR THIS PROJECT.

THE PRESENCE OF TEMPORARY TRAFFIC CONTROL DRAWINGS OR STANDARDS IN THE PROJECT PLANS, WHETHER A PAY ITEM OR NOT, DOES NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO PROVIDE PROTECTION TO THE PUBLIC IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". FURTHERMORE, THE CONTRACTOR SHALL PROVIDE, TO THE SATISFACTION OF THE ENGINEER, ALL PROTECTION DEEMED NECESSARY BEYOND THAT SHOWN IN THE PLANS OR SPECIAL PROVISIONS. THE EXPENSE OF THIS WORK TO THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

EARTH EX. FOR SUBBASE GRANULAR MATERIAL & PCC PVT. SHALL BE INCIDENTAL TO THOSE ITEMS. APPROX QUANTITY = 1,500 C.Y.

NOTE:

SIDEWALK & PAVEMENT NOT MARKED FOR REMOVAL SHALL BE PROTECTED. ANY SIDEWALK DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL WATER MAIN PIPE SHALL BE CL 350

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND	34	2

MUTCD SIGN LEGEND

NO.	SIGN	MUTCD CODE	NO.	SIGN	MUTCD CODE
①		R1-1	⑦		W14-1
②		R2-1	⑧		D-3
③		R3-7	⑨		R11-4
④		R3-9b	⑩		M4-9
⑤		R5-2	⑪		R11-2
⑥		R8-3a	⑫		M4-8a
			⑬		D1-1c

SEEDING WILL BE PAID FOR A MAX. OF THREE FEET FROM PROPOSED CONSTRUCTION, AND AREAS DISTURBED BEYOND THREE FEET SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.

SEE ALL NOTES, SUPPLEMENTAL SPECS., SPECIAL PROVISIONS, AND DETAILS BEFORE BIDDING EACH ITEM.

SYMBOL LEGEND

EXISTING	SYMBOL NAME	PROPOSED	EXISTING	SYMBOL NAME	PROPOSED
	HAND HOLE			VALVE VAULT	
	CONTROLLER			WATER SERVICE	
	TRAFFIC LIGHT			FLARED END SECTION	
	PEDESTRIAN PUSH BUTTON			TREE	
	MAST ARM			TREE REMOVAL	
	POWER OR TELEPHONE POLE			EVERGREEN TREE	
	GUY WIRE			STUMP	
	EXISTING LUMINAIRE			BUSH	
	EXISTING ELECTRIC MANHOLE			BENCH MARK	
	DECORATIVE LIGHT			ROW MARKER	
	STREET LIGHT			PROPERTY PIN	
	ELECTRICAL JUNCTION BOX			RANDOM POINT	
	TELEPHONE JUNCTION BOX			STREET SIGN	
	INLET SPECIAL TY "A"			MAIL BOX	
	INLET OR CATCH BASIN SPECIAL			GAS VENT PIPE	
	STORM AND SANITARY MANHOLE			GAS MARKER	
	INLET OR CATCHBASIN SINGLE			GAS VALVE	
	INLET OR CATCHBASIN DOUBLE				
	EXISTING SANITARY CLEANOUT				
	WATER VALVE				
	EXISTING HYDRANT				
	GASLINE			STORM SEWER	
	TELEPHONE			SANITARY SEWER	
	UNDERGROUND ELECTRIC			WATER MAIN	
	WATER SERVICE LINE			UNDERDRAIN	
				VINYL FENCE	



DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 797-0700
 3635 4TH AVENUE, MOLINE, IL 61265

7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 SUMMARY OF QUANTITIES & GENERAL NOTES

Designed _____ MEF _____ Sheet 2 of 34
 Drawn _____ MEF _____ Project No. MFT221

TREE REMOVAL (6 TO 15 UNITS DIA.)	
STA. 105+57 / 28.5'LT.	12 UNITS
STA. 105+61.6 / 28.8'LT.	12 UNITS
STA. 105+68 / 28'LT.	12 UNITS
STA. 105+93.3 / 21'LT.	12 UNITS
STA. 106+09 / 31.8'LT.	12 UNITS
STA. 115+39 / 32'LT.	12 UNITS
STA. 116+91 / 33.5'LT.	12 UNITS
STA. 117+09.06 / 32.7'LT.	12 UNITS
TOTAL	96 UNITS
TREE REMOVAL (OVER 15 UNITS DIA.)	
STA. 105+72 / 43.6'LT.	24 UNITS
STA. 109+38 / 24.7'LT.	18 UNITS
STA. 110+67.6 / 26.4'LT.	24 UNITS
STA. 112+71.5 / 28'LT.	18 UNITS
TOTAL	84 UNITS
POUROUS GRANULAR EMBANKMENT	
STA. 105+77 / 38.3' LT TO 106+72.7 / 41.6'LT	410 TONS
TOTAL	410 TONS
TRENCH BACKFILL (STORM)	
STA. 106+19 / RT TO LT.	11 C.Y.
STA. 106+19 / LT TO 106+05 / 14.8'LT.	17 C.Y.
STA. 109+83.26 / RT TO LT.	27 C.Y.
STA. 109+83.26 / LT TO 109+59.74 / LT.	3 C.Y.
STA. 110+42.95 / 32.47'RT TO 109+83.26 / RT.	2 C.Y.
STA. 118+00 / RT TO 116+83.5 / 14.8'RT.	101 C.Y.
STA. 115+23 / 20.6'LT.	3 C.Y.
STA. 115+23 / 20.6'RT.	3 C.Y.
STA. 117+29.6 / 36'RT TO 116+83.5 / 14.8'RT.	58 C.Y.
STA. 109+63.56 / 38.5'RT TO 109+59.74 / 14.6'LT	86 C.Y.
STA. 109+59.74 / 14.66'LT TO 109+58 / 43'LT.	39 C.Y.
STA. 112+87 / RT TO LT	11 C.Y.
STA. 112+87 / LT TO 109+83.26 / LT	126 C.Y.
STA. 116+83.5 / 14.8'RT TO 116+83.5 / 50'LT.	70 C.Y.
STA. 118+00 / RT TO LT.	9 C.Y.
TOTAL	563 C.Y.
TRENCH BACKFILL (WATER)	
STA. 104+20 TO 118+57 / LT & RT	900 C.Y.
WATER SERVICES (VARIOUS LOCATIONS).	120 C.Y.
TOTAL	1020 C.Y.
GRANULAR BACKFILL	
STA. 104+20 TO 118+57 / LT & RT.	70 TON
TOTAL	70 TON
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	
STA. 106+30 TO 118+57 / LT & RT.	6255 S.Y.
TOTAL	6255 S.Y.
DUMPED RIPRAP SPECIAL	
STA. 106+05 / 44'LT.	40 TON
STA. 117+31 / 36.5'RT.	15 TON
TOTAL	55 TON
SUBBASE GRANULAR MATERIAL, TYPE C, 6"	
STA. 104+20 TO 118+57 / LT & RT.	7133 S.Y.
TOTAL	7133 S.Y.
AGGREGATE BASE COURSE, TYPE B, 6"	
STA. 107+75.26 / 21.5'LT TO 50.5'LT.	23 S.Y.
TOTAL	23 S.Y.
AGGREGATE SURFACE COURSE, TYPE A, 6"	
STA. 114+82.8 / RT	19 S.Y.
STA. 115+06 / RT	19 S.Y.
TOTAL	38 S.Y.

P.C.C. DRIVEWAY PAVEMENT 7	
STA. 104+18.4 / RT.	26 S.Y.
STA. 105+00 / RT.	14 S.Y.
STA. 106+49 / RT.	24 S.Y.
STA. 107+69.8 / RT.	35 S.Y.
STA. 109+49 / 56'RT.	44 S.Y.
STA. 112+31.6 / 27'RT.	19 S.Y.
STA. 112+66.5 / RT.	41 S.Y.
STA. 113+34 / RT.	37 S.Y.
STA. 114+82.8 / RT.	16 S.Y.
STA. 115+06 / RT.	16 S.Y.
STA. 116+15.4 / LT.	43 S.Y.
STA. 116+48 / RT.	60 S.Y.
TOTAL	375 S.Y.
P.C.C. SIDEWALK 4"	
STA. 104+22 TO 104+95 / RT.	408 S.F.
STA. 105+04 TO 106+36 / RT.	784 S.F.
STA. 106+62 TO 107+65 / RT.	608 S.F.
STA. 107+75 TO 108+58.6 / RT.	500 S.F.
SAT. 109+34 / RT.	40 S.F.
STA. 109+67 / RT.	58 S.F.
STA. 110+29 TO 110+70.5 / RT.	185 S.F.
STA. 111+03 TO 112+26.6 / RT.	679 S.F.
STA. 112+46 / RT.	120 S.F.
STA. 112+73 TO 113+29 / RT.	302 S.F.
STA. 113+39 TO 114+77.6 / RT.	793 S.F.
STA. 114+95 / RT.	42 S.F.
STA. 115+09 TO 116+39 / RT.	754 S.F.
STA. 116+56 TO 119+48 / RT.	1845 S.F.
STA. 104+20 TO 107+55 / LT.	2553 S.F.
STA. 107+90 TO 109+10 / LT.	905 S.F.
STA. 109+10 TO 114+95 / LT.	4095 S.F.
STA. 114+95 TO 115+97.5 / LT.	710 S.F.
STA. 116+33 TO 118+73 / LT.	1400 S.F.
TOTAL	16781 S.F.
DETECTABLE WARNINGS	
STA. 103+50 / LT.	8 S.F.
STA. 107+59 / LT.	16 S.F.
STA. 107+92 / LT.	16 S.F.
STA. 110+66 / RT.	16 S.F.
STA. 111+12 / RT.	8 S.F.
STA. 118+69 / LT.	8 S.F.
TOTAL	72 S.F.
PAVEMENT REMOVAL	
STA. 104+20 TO 118+57 / LT & RT.	5461 S.Y.
TOTAL	5461 S.Y.
DRIVEWAY PAVEMENT REMOVAL	
STA. 104+18.4 / RT.	24 S.Y.
STA. 105+00 / RT.	17 S.Y.
STA. 106+49 / RT.	41 S.Y.
STA. 107+69.8 / RT.	41 S.Y.
STA. 109+49 / 56'RT.	56 S.Y.
STA. 112+31.6 / 27'RT.	27 S.Y.
STA. 112+66.5 / RT.	45 S.Y.
STA. 113+34 / RT.	45 S.Y.
STA. 114+82.8 / RT.	22 S.Y.
STA. 115+06 / RT.	22 S.Y.
STA. 116+15.4 / LT.	76 S.Y.
STA. 116+48 / RT.	75 S.Y.
TOTAL	491 S.Y.
SIDEWALK REMOVAL	
STA. 107+57.6 / LT.	94 S.F.
STA. 107+90.8 TO 109+10 / LT.	575 S.F.
STA. 109+10 TO 114+95 / LT.	2340 S.F.
STA. 114+95 TO 115+93.5 / LT.	389 S.F.
STA. 116+37 TO 118+73.7 / LT.	967 S.F.
STA. 109+34 / RT.	40 S.F.
STA. 109+67 / RT.	60 S.F.
STA. 110+29 TO 110+60 / RT.	130 S.F.
TOTAL	4595 S.F.
REINFORCEMENT BARS	
STA. 105+77 / 38.3' LT TO 106+72.7 / 41.6'LT	160 LB.
TOTAL	160 LB.

CONCRETE COLLAR	
STA. 106+05 / 32' LT.	4 C.Y.
TOTAL	4 C.Y.
STORM SEWER, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL III, 12"	
STA. 106+19 / LT TO 106+05 / 14.8'LT.	16 FOOT
STA. 106+19 / RT TO LT.	41 FOOT
STA. 112+87 / RT TO LT.	40 FOOT
STA. 112+87 / RT TO 109+83.26 / LT	304 FOOT
STA. 115+23 / 20.6'LT.	6 FOOT
STA. 115+23 / 20.6'RT.	6 FOOT
STA. 118+00 / RT TO 116+83.5 / 14.8'RT	117 FOOT
STA. 118+00 / LT TO RT.	40 FOOT
TOTAL	570 FOOT
STORM SEWER, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL III, 15"	
STA. 110+42.95 / 32.47'RT TO 109+83.26 / RT.	61 FOOT
STA. 117+29.6 / 36'RT TO 116+83.5 / 14.8'RT.	52 FOOT
TOTAL	113 FOOT
STORM SEWER, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL III, 18"	
STA. 109+83.26 / LT TO RT	42 FOOT
STA. 109+83.26 / LT TO 109+59.74 / 14.66'LT.	18 FOOT
STA. 116+83.5 / 14.8'RT TO 116+83.5 / 50'LT.	65 FOOT
TOTAL	125 FOOT
STORM SEWER, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE, CL IV, 24"	
STA. 109+63.56 / 38.55'RT TO 109+59.74 / 14.66'LT	53 FOOT
STA. 109+59.74 / 14.66'LT TO 109+58 / 43'LT.	28 FOOT
TOTAL	81 FOOT
STORM SEWER REMOVAL, 12"	
STA. 106+05.5 / LT TO RT.	30 FOOT
STA. 109+70.6 / LT.	20 FOOT
STA. 109+73 / RT TO 109+61.6 / 9'LT.	12 FOOT
STA. 116+83.5 / 24.6' RT TO 118+00 / 20.6'RT.	112 FOOT
TOTAL	174 FOOT
STORM SEWER REMOVAL, 15"	
STA. 116+83.5 / 24.6' RT TO 117+31 / 36.5'RT.	47 FOOT
TOTAL	47 FOOT
DUCTILE IRON WATER MAIN, 4"	
STA. 114+52 / 10'RT. TO 114+47 / 29.5'LT.	38 FOOT
TOTAL	38 FOOT
DUCTILE IRON WATER MAIN, 8"	
STA. 107+95.8 / 8.9'RT. TO 107+92 / 38.6'LT.	49 FOOT
TOTAL	49 FOOT
DUCTILE IRON WATER MAIN, 10"	
STA. 110+86 / 7'RT. TO 110+92 / 36.6'RT.	34 FOOT
TOTAL	34 FOOT
DUCTILE IRON WATER MAIN, 12"	
STA. 104+28.5 / 12'RT. TO 104+32.5 / 7'RT.	7 FOOT
STA. 104+31.5 / 8'RT. TO 109+10 / 9'RT.	479 FOOT
STA. 109+10 / 9'RT. TO 114+95 / 10.3'RT.	585 FOOT
STA. 114+95 / 10.3'RT. TO 118+46 / 9.3'RT.	355 FOOT
STA. 118+46 / 9.3'RT. TO 118+52.7 / 13'RT.	9 FOOT
TOTAL	1435 FOOT

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		
WATER SERVICE LINE 1"				
STA. 106+80 (3426 7TH STR.)			25	FOOT
STA. 108+05 (3420 7TH STR.)			25	FOOT
STA. 109+33 (3404 7TH STR.)			25	FOOT
STA. 109+35 (3406 7TH STR.)			25	FOOT
STA. 109+37 (3402 7TH STR.)			25	FOOT
STA. 109+38 (3400 7TH STR.)			25	FOOT
STA. 111+64 (3334 7TH STR.)			25	FOOT
STA. 112+99 (3332 7TH STR.)			25	FOOT
STA. 113+60 (3330 7TH STR.)			25	FOOT
STA. 114+55.4 (3324 7TH STR.)			25	FOOT
STA. 115+58 (3322 7TH STR.)			25	FOOT
STA. 116+16 (3320 7TH STR.)			25	FOOT
STA. 117+09 (3318 7TH STR.)			25	FOOT
TOTAL			325	FOOT
FIRE HYDRANT TO BE REMOVED				
STA. 105+31.2 / 25.6' RT.			1	EA.
STA. 109+30 / 25.7' RT.			1	EA.
STA. 110+52 / 24.4'RT.			1	EA.
STA. 115+66.7 / 21.6'RT.			1	EA.
TOTAL			4	EA.
PIPE UNDERDRAIN, 4"				
STA. 106+19 / RT TO LT.			43	FOOT
STA. 109+83 / RT TO LT.			40	FOOT
STA. 116+83.5 / RT TO LT.			60	FOOT
TOTAL			143	FOOT
PIPE UNDERDRAIN, 6"				
STA. 106+28 TO 109+10 / LT.			282	FOOT
STA. 109+10 TO 109+59.42 / LT.			46	FOOT
STA. 109+59.42 TO 109+83.26 / LT.			15	FOOT
STA. 109+83 TO 114+95 / LT.			510	FOOT
STA. 110+95 TO 115+18 / LT.			24	FOOT
STA. 115+25 TO 118+57 / LT.			330	FOOT
TOTAL			1207	FOOT
PIPE UNDERDRAIN, 4" (SPECIAL)				
STA. 105+77 / 38.3' LT TO 106+72.7 / 41.6'LT			111	FOOT
TOTAL			111	FOOT
CATCHBASINS SPECIAL NO. 2				
STA. 109+59.4 / LT			1	EA.
STA. 109+83.26 / RT			1	EA.
STA. 109+83.26 / LT			1	EA.
TOTAL			3	EA.
MANHOLE, TYPE A, 4'-DIA., TYPE 1 FRAME, OPEN LID (STORM)				
STA. 106+05 / 14.8'LT.			1	EA.
STA. 116+83.5 / 14.8'RT.			1	EA.
TOTAL			2	EA.
MANHOLE, TYPE A, 5'-DIA., TYPE 1 FRAME, CLOSED LID (SAN)				
STA. 110+29.7 / 20'RT.			1	EA.
TOTAL			1	EA.
MANHOLES TO BE ADJUSTED				
STA. 110+43 / 32.5'RT.			1	EA.
TOTAL			1	EA.
MANHOLES TO BE ADJUSTED W/ TYPE 1 FRAME CLOSED LID				
STA. 107+56 / 44'LT.			1	EA.
STA. 114+32.5 / 22.7'RT.			1	EA.
STA. 116+64.8 / 24.4'RT.			1	EA.
TOTAL			3	EA.

CITY OF
MOLINE
ILLINOIS

DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 797-0700	
3635 4TH AVENUE, MOLINE, IL 61265	
7TH STREET RECONSTRUCTION & WIDENING	
33RD AVE TO SOUTH OF WILDWOOD DRIVE	
SCHEDULE OF QUANTITIES	
Designed <u>MEF</u>	Sheet <u>3</u> of <u>34</u>
Drawn <u>MEF</u>	Project No. <u>MFT221</u>

SAN. MANHOLES TO BE RECONSTRUCTED

Table with 2 columns: Description and Quantity. Includes STA. 107+54.3 / 21'RT. (1 EA.) and STA. 109+46.7 / 21.4'RT. (1 EA.).

INLETS TO BE ADJUSTED

Table with 2 columns: Description and Quantity. Includes STA. 110+70.5 / 43.5'RT. (1 EA.) and STA. 110+94.4 / 43.4'RT. (2 EA.).

VALVE BOX TO BE REMOVED

Table with 2 columns: Description and Quantity. Includes STA. 114+47 / 11.26'RT. (4") (1 EA.) and STA. 105+31 / 22.3'RT. (6") (1 EA.).

REMOVE MANHOLE (STORM)

Table with 2 columns: Description and Quantity. Includes STA. 116+83.5 / 24.6'RT. (1 EA.).

REMOVE MANHOLE (SANITARY)

Table with 2 columns: Description and Quantity. Includes STA. 110+29.7 / 20'RT. (1 EA.).

REMOVE INLET (SINGLE)

Table with 2 columns: Description and Quantity. Includes STA. 106+05.5 / LT. & RT. (2 EA.) and STA. 109+73 / LT. & RT. (2 EA.).

MOBILIZATION ENTIRE PROJECT

Table with 2 columns: Description and Quantity. Includes ENTIRE PROJECT (1 L.SUM.).

TRAFFIC CONTROL COMPLETE ENTIRE PROJECT

Table with 2 columns: Description and Quantity. Includes ENTIRE PROJECT (1 L. SUM.).

PAINT PAVEMENT MARKINGS LETTERS AND SYMBOLS

LEFT TURN ARROW

Table with 2 columns: Description and Quantity. Lists various stationing and quantities for left turn arrows, such as STA. 102+13 (8.8 S.F.) and STA. 102+68 (8.8 S.F.).

PAINT PAVEMENT MARKING LINE, 4"

Table with 2 columns: Description and Quantity. Lists various stationing and quantities for 4" paint marking lines, such as STA. 100+90 TO 102+76 / LT. DOUBLE YELLOW (373 FOOT).

Table with 2 columns: Description and Quantity. Includes STA. 111+22 TO 118+57 / 6'LT SOLID YELLOW (735 FOOT) and STA. 111+22 TO 118+57 / 6'RT SOLID YELLOW (735 FOOT).

PAINT PAVEMENT MARKING LINE, 6"

Table with 2 columns: Description and Quantity. Includes STA. 102+05.7 TO 102+76 (70 FOOT).

RAISED REFLECTIVE PAVEMENT MARKER ENTIRE PROJECT

Table with 2 columns: Description and Quantity. Includes ENTIRE PROJECT (75 EA.).

P.C.C. PAVEMENT, 9" SPECIAL WITH INTEGRAL CURB

Table with 2 columns: Description and Quantity. Includes STA. 104+20 TO 118+57 / LT & RT. (6814 S.Y.).

SHRUB, DIERVILLA LONICERA (BUSH HONEYSUCKLE), 3' HGT CONT.

Table with 2 columns: Description and Quantity. Includes STA. 106+85 TO 107+50 / 32'RT. (17 EA.).

SEEDING SPECIAL ENTIRE PROJECT

Table with 2 columns: Description and Quantity. Includes ENTIRE PROJECT (2952 S.Y.).

CURB STOP AND BOX, 1"

Table with 2 columns: Description and Quantity. Lists various stationing and quantities for curb stop and boxes, such as STA. 106+80 (3426 7TH STR.) (1 EA.).

MAILBOX REMOVAL AND RELOCATION

Table with 2 columns: Description and Quantity. Lists various stationing and quantities for mailbox removal and relocation, such as STA. 105+14.4 / 22.2' RT. (1 EA.).

TEMPORARY EROSION CONTROL COMPLETE ENTIRE PROJECT

Table with 2 columns: Description and Quantity. Includes ENTIRE PROJECT (1 L.SUM.).

CATCH BASIN DOUBLE

Table with 2 columns: Description and Quantity. Includes STA. 106+19 / LT & RT (2 EA.) and STA. 115+23 / LT & RT (2 EA.).

CATCH BASIN SINGLE

Table with 2 columns: Description and Quantity. Includes STA. 118+00 / RT. (1 EA.) and STA. 118+00 / LT. (1 EA.).

DUCTILE IRON WATER MAIN FITTINGS 45 BENDS 12"

Table with 2 columns: Description and Quantity. Includes STA. 118+39 / 7'RT. (1 EA.) and STA. 118+53.7 / 13'RT. (1 EA.).

Table with 2 columns: Description and Quantity. Includes DUCTILE IRON WATER MAIN FITTING 12 x 10 TEE (1 EA.) and STA. 110+86 / 7'RT. (1 EA.).

DUCTILE IRON WATER MAIN FITTINGS 45 BENDS 8"

Table with 2 columns: Description and Quantity. Includes STA. 107+91.8 / 38'LT. (1 EA.) and STA. 107+95.8 / 34.6'LT. (1 EA.).

DUCTILE IRON WATER MAIN FITTINGS 45 BENDS 4"

Table with 2 columns: Description and Quantity. Includes STA. 114+47 / 29.5'LT. (1 EA.) and STA. 114+52 / 24'LT. (1 EA.).

WATER SERVICE CONNECTION, (CORP) 1"

Table with 2 columns: Description and Quantity. Lists various stationing and quantities for water service connections, such as STA. 106+80 (3426 7TH STR.) (1 EA.).

GATE VALVE AND BOX, 8"

Table with 2 columns: Description and Quantity. Includes STA. 107+96 / 31'LT. (1 EA.).

VINYL FENCE, 6'

Table with 2 columns: Description and Quantity. Includes STA. 105+77 / 38.3' LT TO 107+17.5 LT. (140 FOOT).

GATE VALVE WITH BOX, 4"

Table with 2 columns: Description and Quantity. Includes STA. 114+52.3 / 21.7'LT. (1 EA.).

BUTTERFLY VALVE 10" DIA. W/ VAULT

Table with 2 columns: Description and Quantity. Includes STA. 110+86 / 25.6'RT. (1 EA.).

BUTTERFLY VALVE 12" DIA. W/ VAULT

Table with 2 columns: Description and Quantity. Includes STA. 104+38 / 7'RT. (1 EA.) and STA. 109+17 / 7'RT. (1 EA.).

STORM SEWER TO BE FILLED

Table with 2 columns: Description and Quantity. Includes STA. 109+32/ 218'LT TO 109+70 / 30'LT. (192 FOOT).

SEGMENTAL CONCRETE BLOCK WALL

Table with 2 columns: Description and Quantity. Lists various stationing and quantities for segmental concrete block walls, such as STA. 106+84 TO 107+63 / RT. (265 S.F.).

RETAINING WALL REMOVAL

Table with 2 columns: Description and Quantity. Includes STA. 105+93 / 31'LT TO 106+58 / 33'LT. (480 S.F.).

Table with 5 columns: F.A.U. RTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Includes 5827, 02-00221-00-RP, ROCK ISLAND, 1, 1.

Table with 2 columns: Description and Quantity. Includes DUCTILE IRON WATER MAIN TEE, 12 x 4 (1 EA.) and STA. 114+52 / 7'RT. (1 EA.).

DUCTILE IRON WATER MAIN TEE 12 x 6

Table with 2 columns: Description and Quantity. Includes STA. 104+46 / 7'RT. (1 EA.) and STA. 109+25 / 7'RT. (1 EA.).

DUCTILE IRON WATER MAIN TEE 12 x 8

Table with 2 columns: Description and Quantity. Includes STA. 107+95.8 / 7'RT. (1 EA.).

DUCTILE IRON WATER MAIN TEE 4"x 2" W/ STAND TEST CORP, 1"

Table with 2 columns: Description and Quantity. Includes STA. 114+52 / 19'LT. (1 EA.).

STANDARD TESTING CONNECTION, 1"

Table with 2 columns: Description and Quantity. Includes STA. 104+42.4 / 32'RT. (1 EA.) and STA. 107+96 / 28.5'LT. (1 EA.).

PRECAST MODULAR RETAINING WALL

Table with 2 columns: Description and Quantity. Includes STA. 105+77 / 38.3' LT TO 106+72.7 / 41.6'LT (1380 S.F.).

DUCTILE IRON WATER MAIN FITTINGS 10" 45 DEGREE BENDS

Table with 2 columns: Description and Quantity. Includes STA. 110+86 / 30.5'RT. (1 EA.) and STA. 110+92 / 36.6'RT. (1 EA.).

REMOVE EXISTING VALVE & VAULT

Table with 2 columns: Description and Quantity. Includes STA. 110+43.3 / 12.6'RT. (1 EA.) and STA. 110+92 / 28.6'RT. (1 EA.).

STONE SURFACE SPECIAL

Table with 2 columns: Description and Quantity. Includes STA. 105+77 / 38.3' LT TO 106+84 LT (227 S.Y.).

BOX CULVERT REMOVAL

Table with 2 columns: Description and Quantity. Includes STA. 106+05 / 32' LT. (2 FOOT).

STUMP REMOVAL ONLY

Table with 2 columns: Description and Quantity. Includes STA. 106+84.5 / 27'LT. (36 UNITS) and STA. 116+74 / 50'LT. (48 UNITS).

FIRE HYDRANT ASSEMBLY COMPLETE

Table with 2 columns: Description and Quantity. Includes STA. 104+36 / 32'RT. (1 EA.) and STA. 109+25 / 25.7'RT. (1 EA.).

ENGINEER'S FIELD OFFICE, TYPE A, (SPL)

Table with 2 columns: Description and Quantity. Includes ENTIRE PROJECT (8 CAL. MO.).

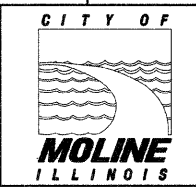
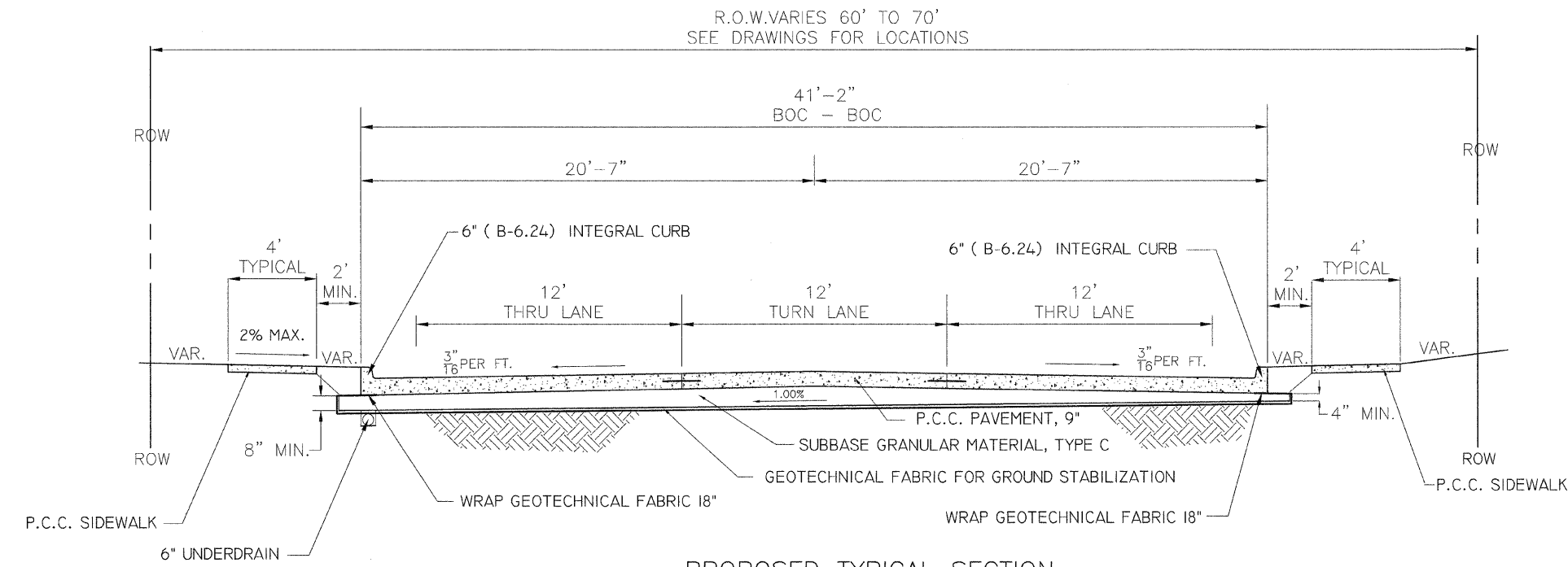
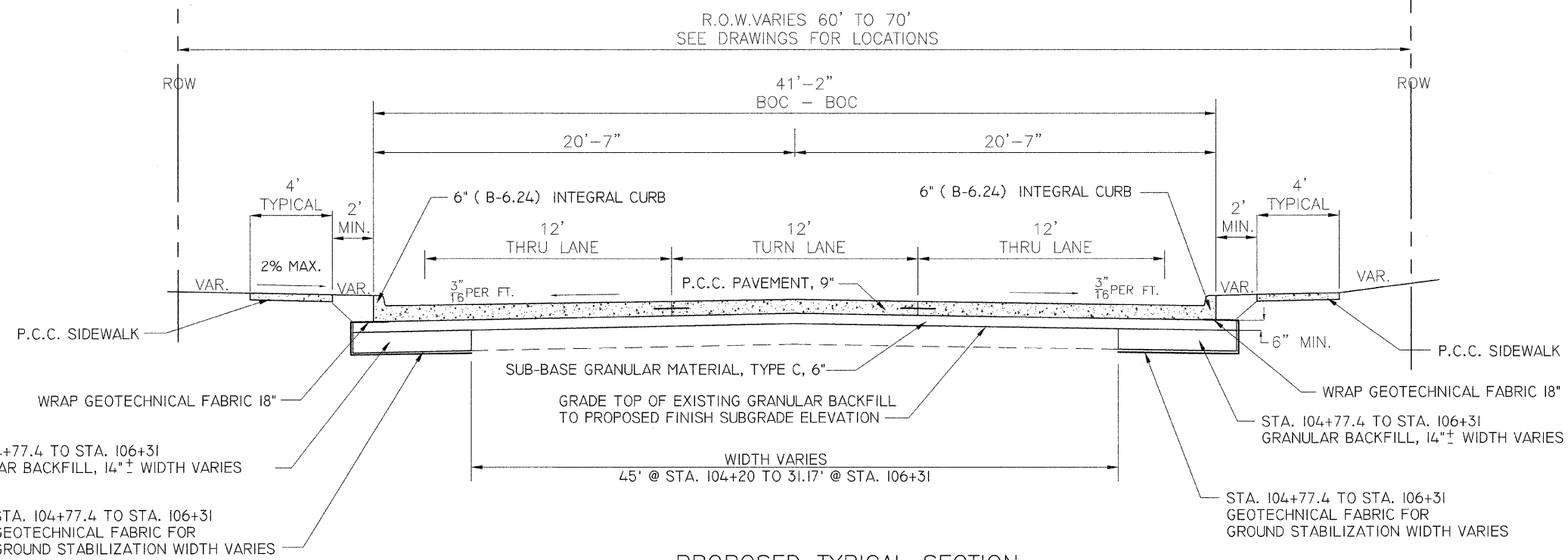


Table with 2 columns: Project information including Department of Public Works, address, and project details like '7TH STREET RECONSTRUCTION & WIDENING'.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



PROPOSED TYPICAL SECTION
STA. 106+31 TO 118+56.83
NOT TO SCALE



PROPOSED TYPICAL SECTION
STA. 104+20.3 TO STA. 106+31
NOT TO SCALE

NOTES:

ALL HONEYCOMBING & OR POROUS AREAS IN BACK OF CURB WILL BE CORRECTED AS DIRECTED BY THE ENGINEER.

SLUMP NOT TO EXCEED 3". REQUIRED AIR, 5% - 8%. NO WATER MAY BE ADDED AT JOBSITE TO EXCEED THE DESIGN SLUMP.

ALL TIE BARS, DOWEL BARS AND REINFORCING STEEL SHALL BE EPOXY COATED.

ADA SIDEWALK LANDING RAMP SHALL BE MINIMUM FIVE FEET IN DEPTH. 5'x 5' SIDEWALK BUMPOUTS AND 5' SIDEWALK WIDENING AT DRIVEWAYS WILL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS.

EARTH EXCAVATION FOR BASE COURSE, TOPSOIL PLACEMENT, SIDEWALKS, DRIVEWAYS, PCC CURB AND GUTTER, RETAINING WALLS, AND PATCHES WILL BE INCIDENTAL TO THOSE ITEMS. EXCAVATION FOR THESE ITEMS SHALL CONSIST OF THE REMOVAL AND SATISFACTORY DISPOSAL OF ALL SUITABLE EARTH EXCAVATION AS DEFINED ON THE PLANS. THIS ITEM INCLUDES THE REMOVAL OF EXISTING VEGETATION AND ORGANIC TOPSOIL; EXISTING, IDENTIFIED, CONCRETE STRUCTURES NOT COVERED ELSEWHERE; SEALCOAT OR BITUMINOUS SURFACING ON AGGREGATE BASE, AGGREGATE BASE, SEAL COAT OR BITUMINOUS BASE AND EARTH MATERIALS, AND ROCK. IF THE CONTRACTOR ENCOUNTERS CONDITIONS DIFFERING MATERIALLY FROM THOSE INDICATED IN THE CONTRACT, HE / SHE / SHALL NOTIFY THE ENGINEER BEFORE THEY ARE DISTURBED, AS PER 104.03.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR REQUIRED SAW CUTTING FOR SAID REMOVAL OR FOR THE DISPOSAL OF ANY SURPLUS MATERIALS FROM THE JOB SITE.

ANY IMPROVEMENTS OR EXISTING APPURTENANCES DAMAGED DUE TO EMBANKMENT PLACEMENT SHALL BE REPAIRED BY THE CONTRACTOR, TO THE SATISFACTION OF THE ENGINEER, WITH ALL SUCH REPAIRS BEING PAID FOR BY THE CONTRACTOR WITH NO ADDITIONAL COSTS TO THE CONTRACT.

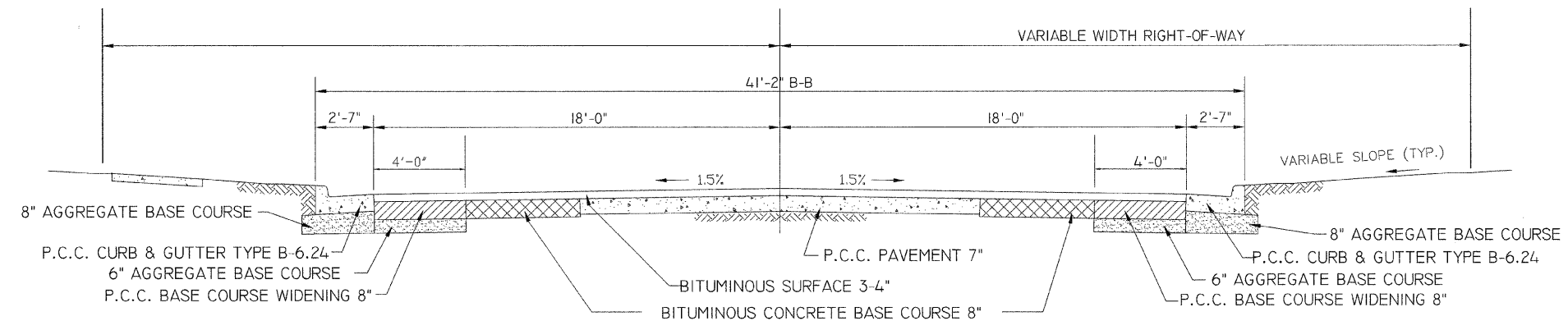
BACKFILLING AT BACKS OF CURBS, SIDEWALKS, DRIVEWAYS, SEGMENTAL CONCRETE BLOCK WALL, AND PRECAST MODULAR RETAINING WALL SHALL NOT BE PAID. ALL COSTS ASSOCIATED WITH SAID BACKFILLING SHALL BE INCIDENTAL TO PCC PAVEMENT, PCC SIDEWALK, PCC DRIVEWAY PAVEMENT, SEGMENTAL CONCRETE BLOCK WALL, AND PRECAST MODULAR RETAINING WALL.

EARTH EXCAVATION MATERIAL INTENDED FOR USE AS EMBANKMENT BUT FOUND TO BE UNSUITABLE SHALL BE REMOVED AND REPLACED WITH MATERIAL FROM OTHER EARTH EXCAVATION FROM WITHIN THE PROJECT LIMITS. IF ENOUGH ACCEPTABLE MATERIAL CANNOT BE OBTAINED WITHIN THE PROJECT LIMITS TO COMPLETE THE FILL SECTIONS, THE COST OF REMOVING THE UNSUITABLE MATERIAL AND FURNISHING APPROVED MATERIAL FROM A BORROW SITE SHALL BE PAID FOR AS PER ARTICLE 109.04 (FORCE ACCOUNT) OR PER AGREED TO UNIT PRICES APPROVED BY THE CITY OF MOLINE AND ILLINOIS DEPARTMENT OF TRANSPORTATION.

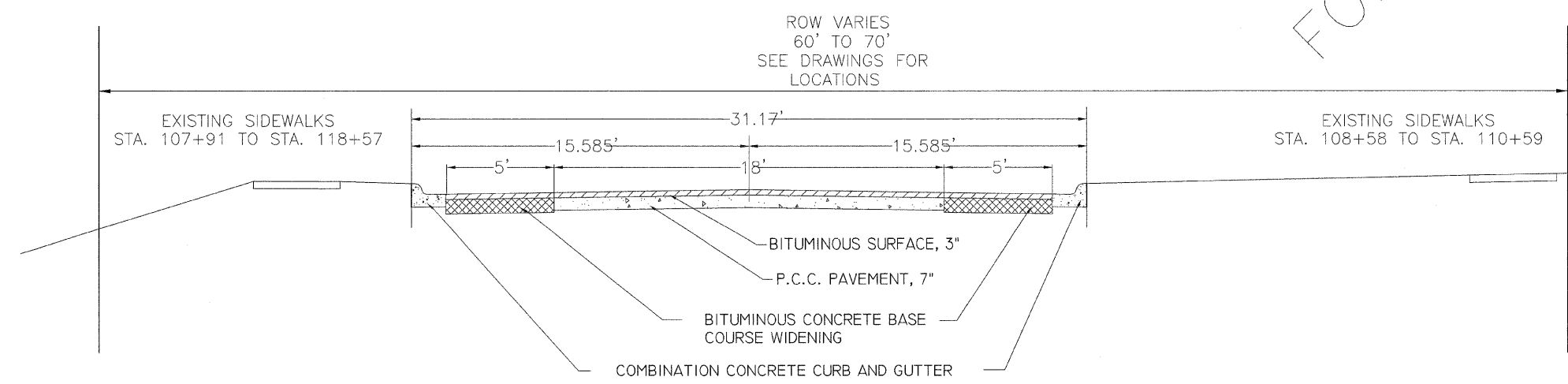


CITY OF MOLINE ILLINOIS		DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700 3635 4TH AVENUE, MOLINE, IL 61265 7TH STREET RECONSTRUCTION & WIDENING 33RD AVE TO SOUTH OF WILDWOOD DRIVE PROPOSED TYPICAL SECTIONS	
DESIGNED	MEF	SHEET	5 OF 34
DRAWN	MEF	PROJECT NO.	MFT221

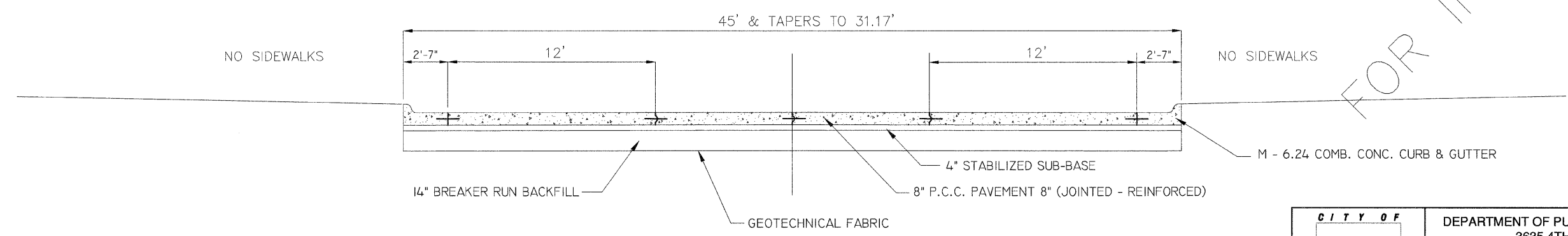
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



EXISTING TYPICAL SECTION
STA. 116+70 TO 118+56.83

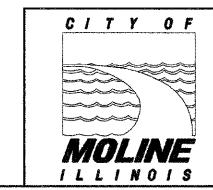


EXISTING TYPICAL SECTION
STA. 106+31 TO STA. 116+70



EXISTING TYPICAL SECTION
STA. 103+00 TO STA. 106+31

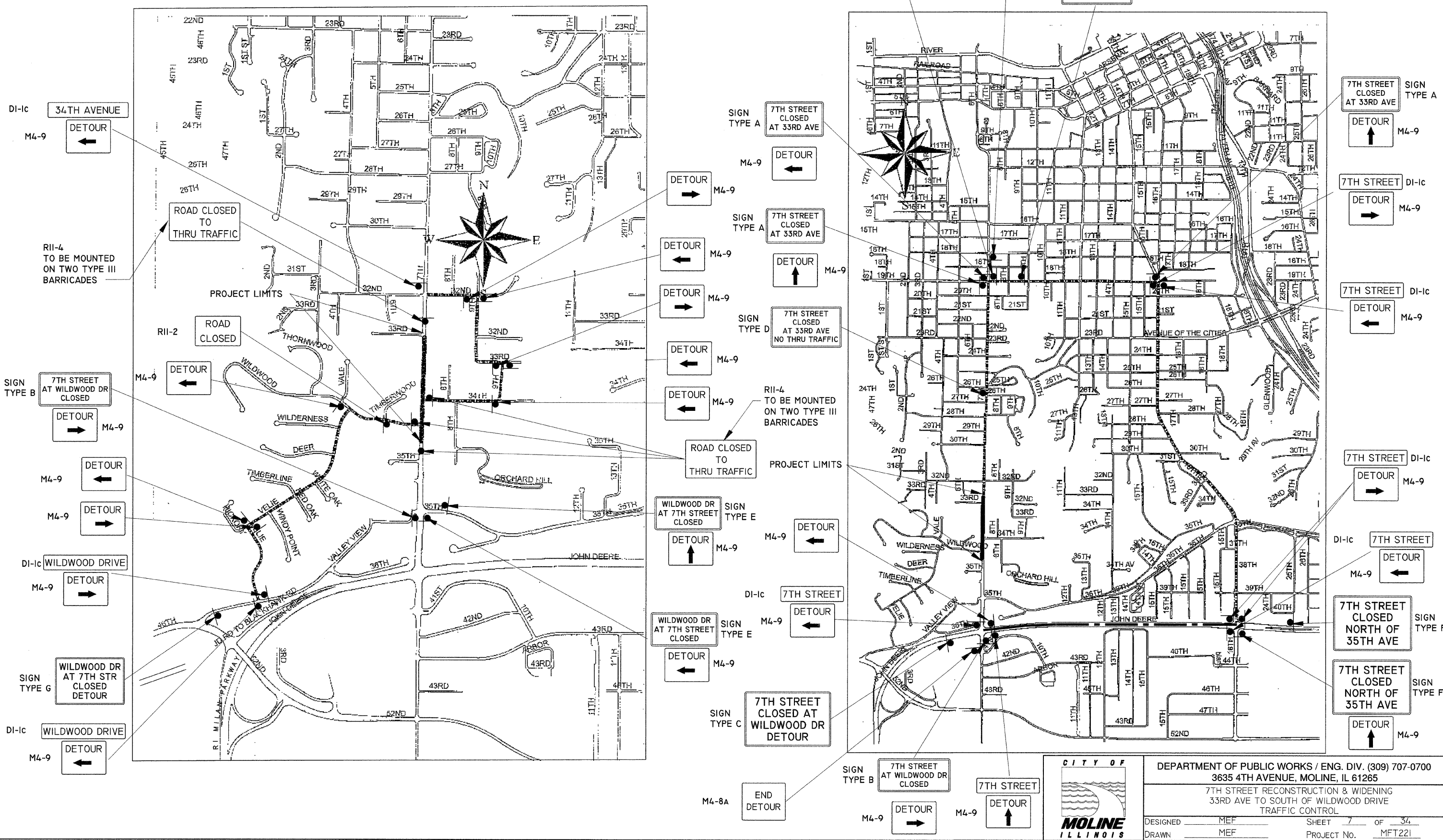
FOR INFORMATION ONLY



DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
 3635 4TH AVENUE, MOLINE, IL 61265
 7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 EXISTING TYPICAL SECTIONS
 DESIGNED: MEF SHEET 6 OF 34
 DRAWN: MEF PROJECT No. MFT221

NOTE:
DI-1c SHALL BE BLACK ON ORANGE BACKGROUND

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

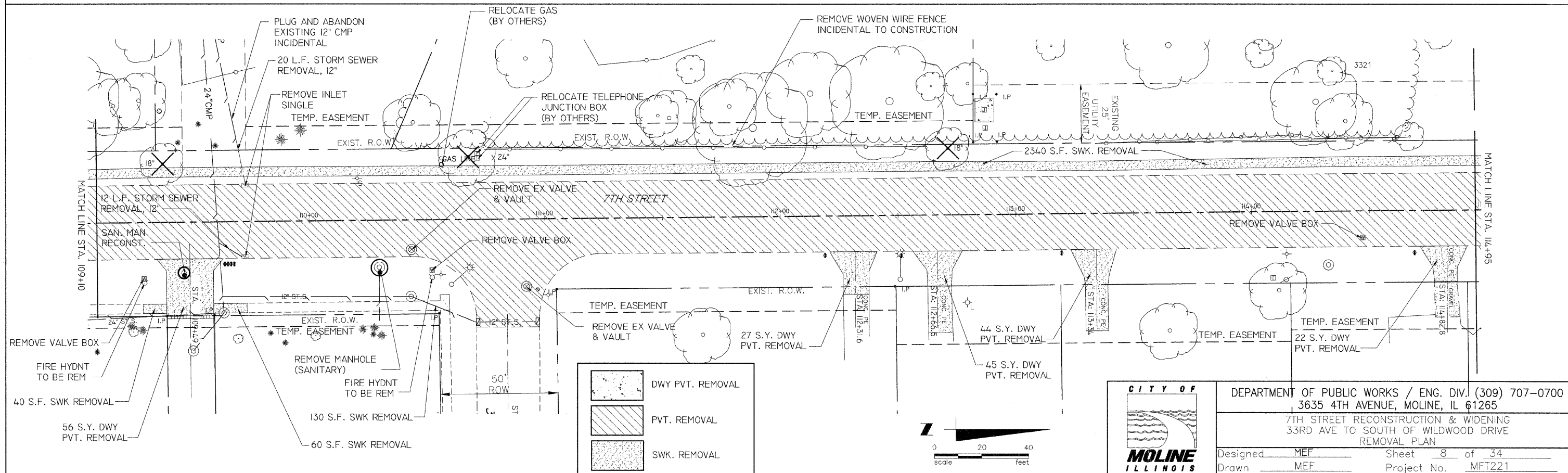
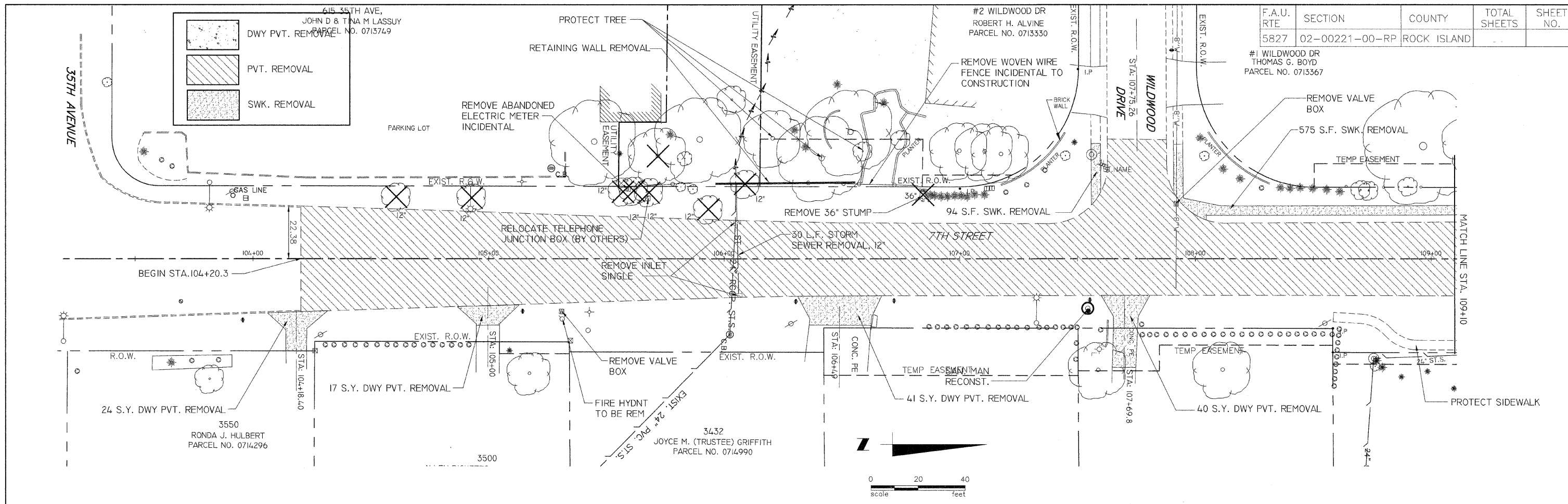


CITY OF MOLINE ILLINOIS

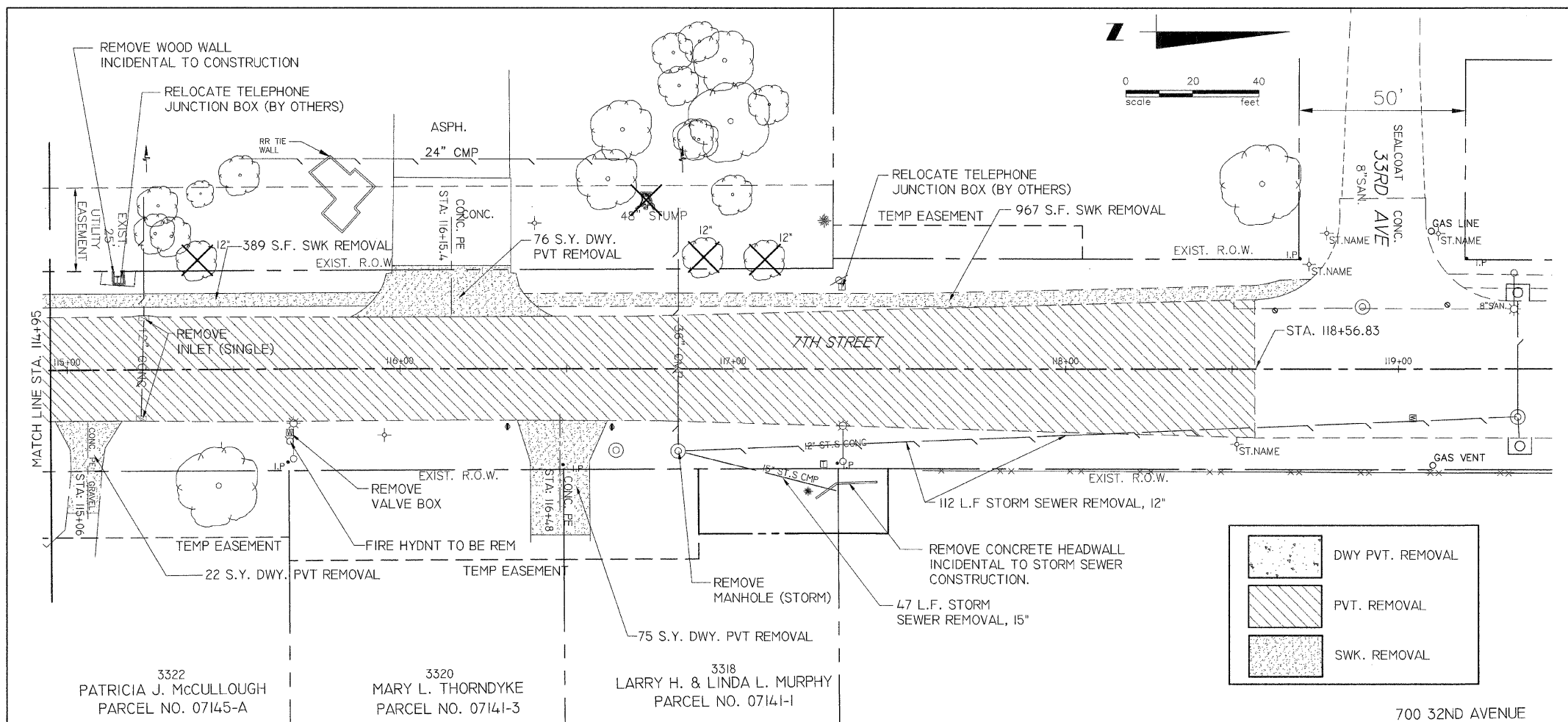
DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
 3635 4TH AVENUE, MOLINE, IL 61265

7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 TRAFFIC CONTROL

DESIGNED _____ SHEET 7 OF 34
 DRAWN _____ PROJECT No. MFT221



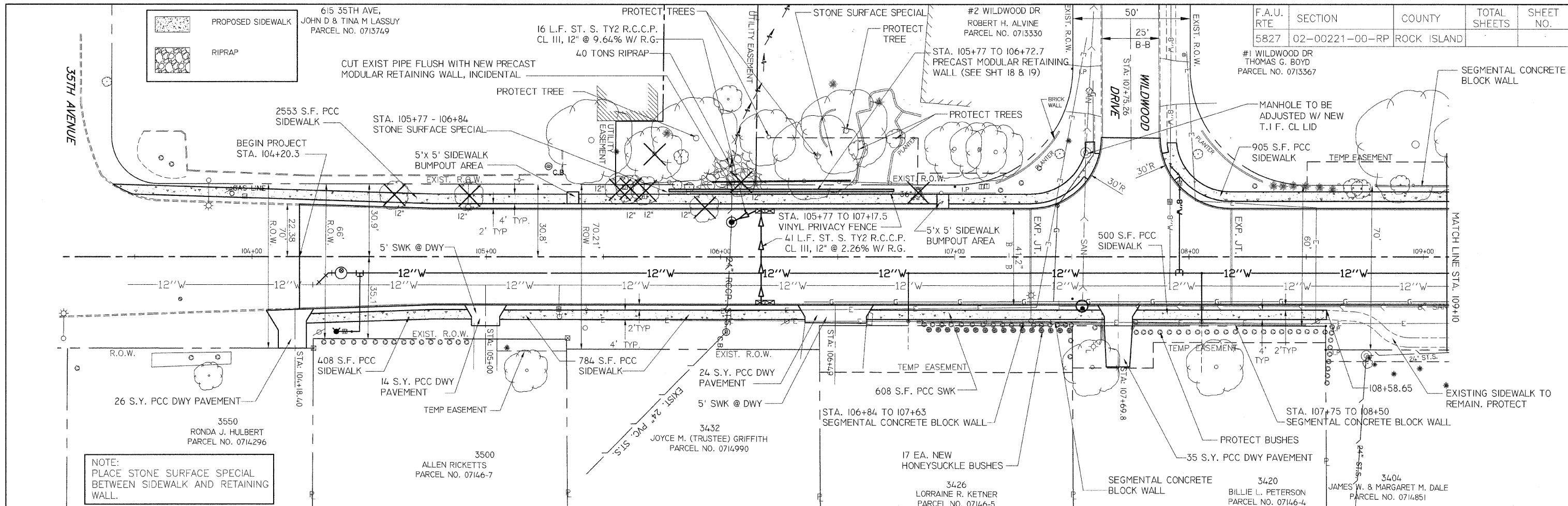
DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
 3635 4TH AVENUE, MOLINE, IL 61265
 7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 REMOVAL PLAN
 Designed MEF Sheet 8 of 34
 Drawn MEF Project No. MFT221



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND	-	-



DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
 3635 4TH AVENUE, MOLINE, IL 61265
 7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 REMOVAL PLAN
 Designed MEF Sheet 9 of 34
 Drawn MEF Project No. MFT221



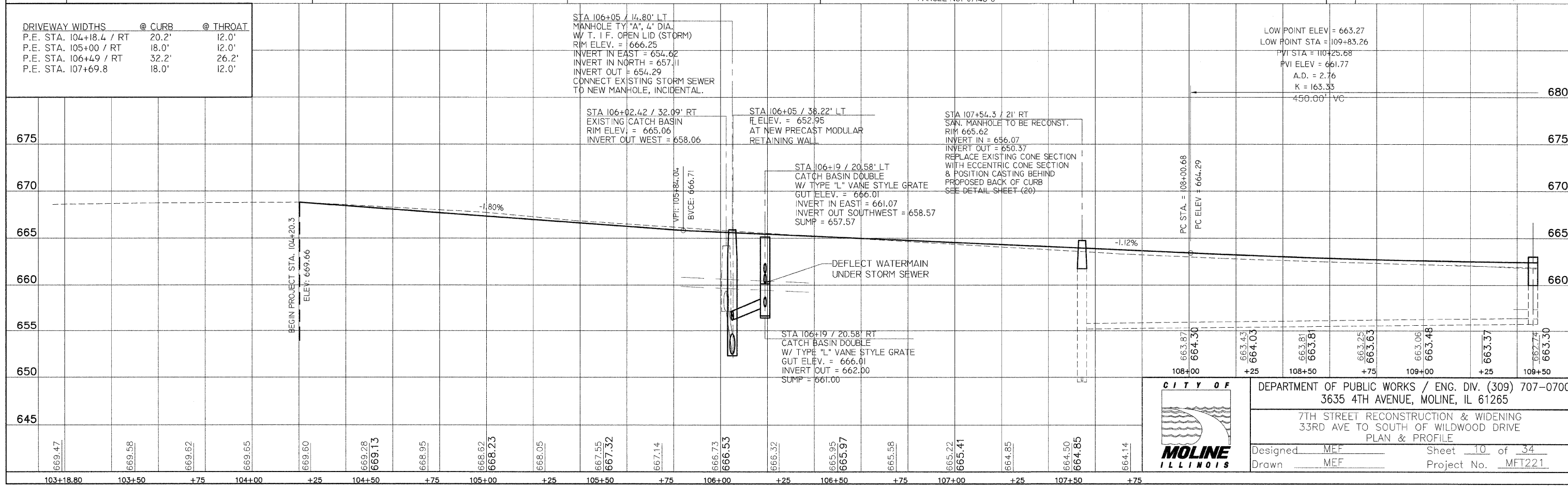
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

NOTE:
PLACE STONE SURFACE SPECIAL BETWEEN SIDEWALK AND RETAINING WALL.

DRIVEWAY WIDTHS	@ CURB	@ THROAT
P.E. STA. 104+18.4 / RT	20.2'	12.0'
P.E. STA. 105+00 / RT	18.0'	12.0'
P.E. STA. 106+49 / RT	32.2'	26.2'
P.E. STA. 107+69.8	18.0'	12.0'

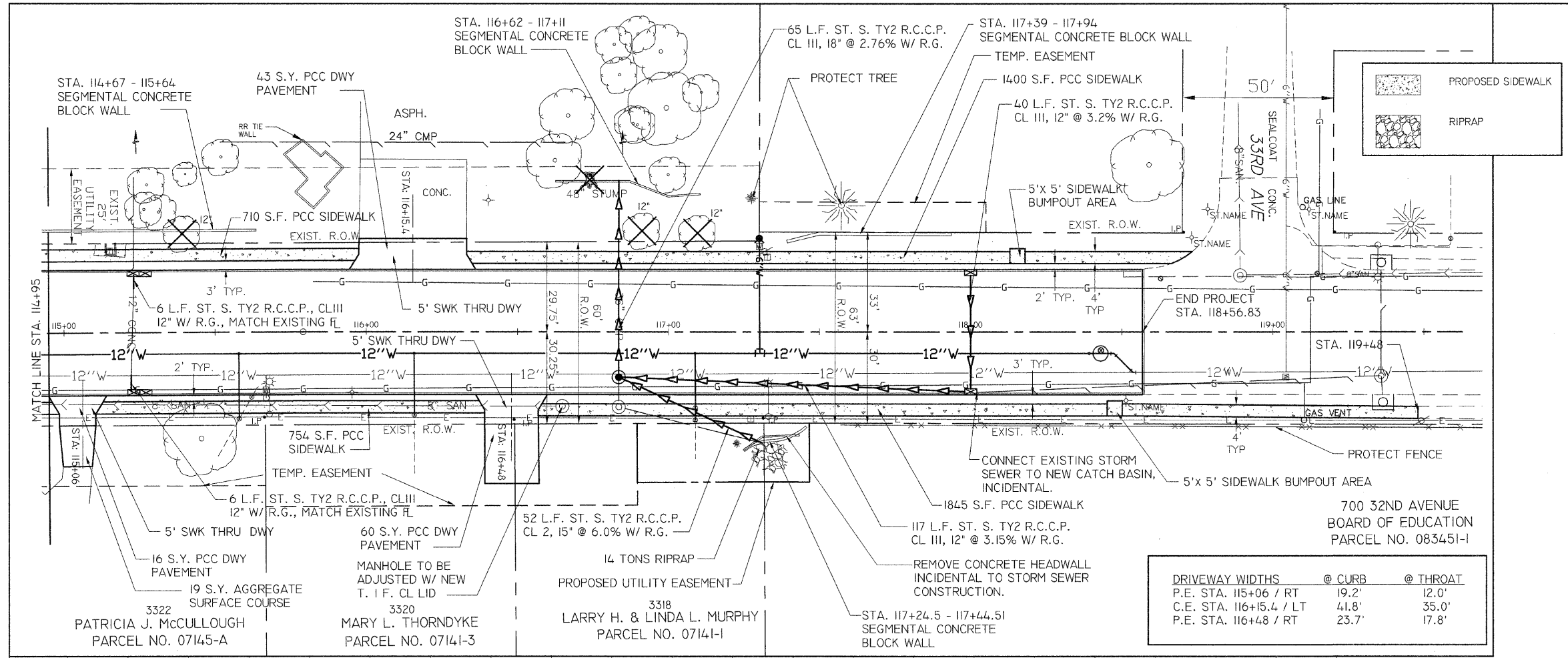
STA 106+05 / 14.80' LT
MANHOLE TY "A", 4' DIA.
W/ T. I F. OPEN LID (STORM)
RIM ELEV. = 666.25
INVERT IN EAST = 654.62
INVERT IN NORTH = 657.11
INVERT OUT = 654.29
CONNECT EXISTING STORM SEWER TO NEW MANHOLE, INCIDENTAL.

LOW POINT ELEV = 663.27
LOW POINT STA = 109+83.26
PVI STA = 110+25.68
PVI ELEV = 661.77
A.D. = 2.76
K = 163.33
450.00' VC

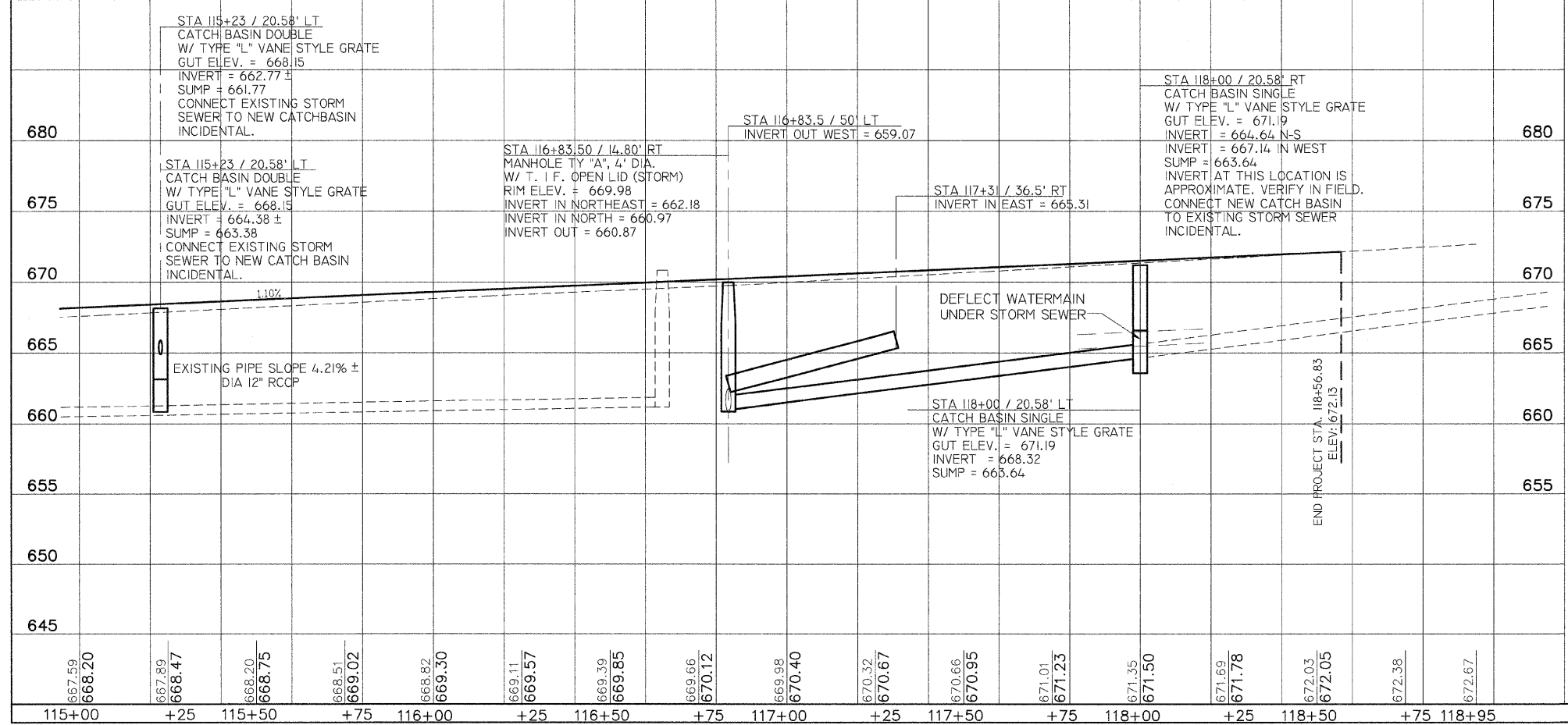


DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
3635 4TH AVENUE, MOLINE, IL 61265
7TH STREET RECONSTRUCTION & WIDENING
33RD AVE TO SOUTH OF WILDWOOD DRIVE
PLAN & PROFILE
Designed: MEF Sheet: 10 of 34
Drawn: MEF Project No.: MFT221

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

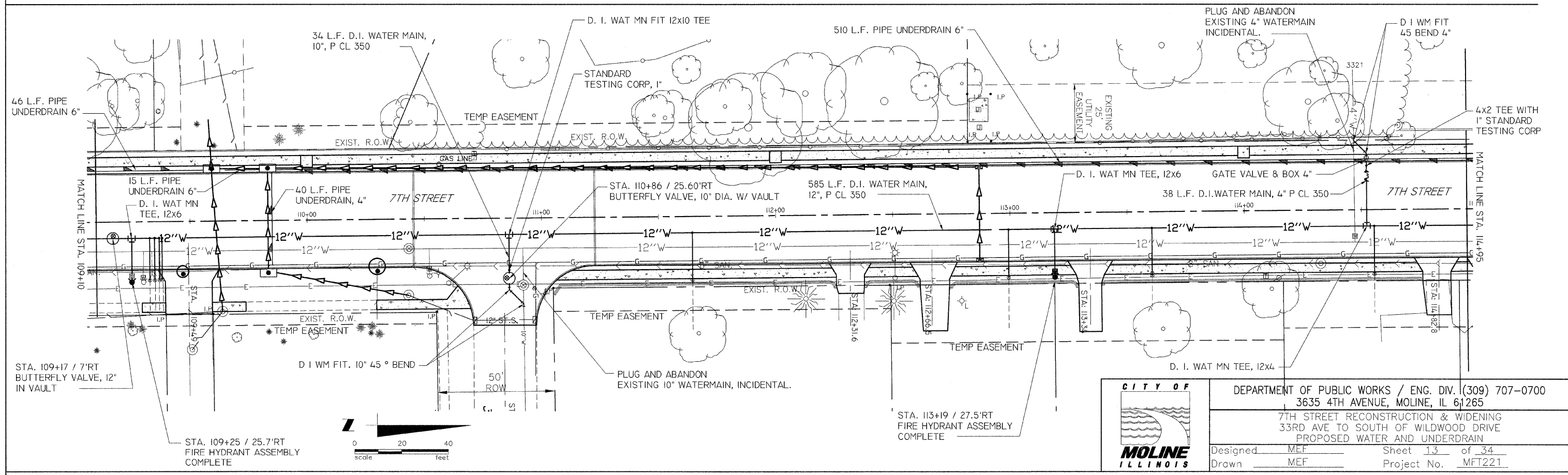
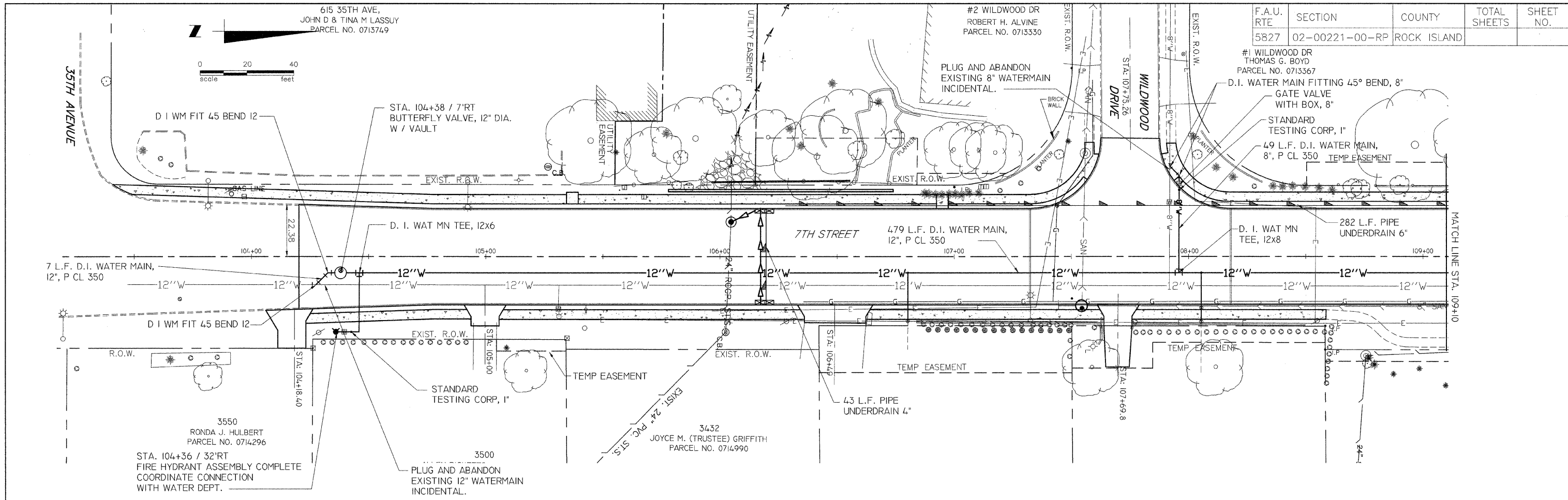


DRIVEWAY WIDTHS	@ CURB	@ THROAT
P.E. STA. 115+06 / RT	19.2'	12.0'
C.E. STA. 116+15.4 / LT	41.8'	35.0'
P.E. STA. 116+48 / RT	23.7'	17.8'



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 7TH STREET RECONSTRUCTION & WIDENING
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 PLAN & PROFILE

Designed _____ MEF _____ Sheet 12 of 34
 Drawn _____ MEF _____ Project No. MFT221

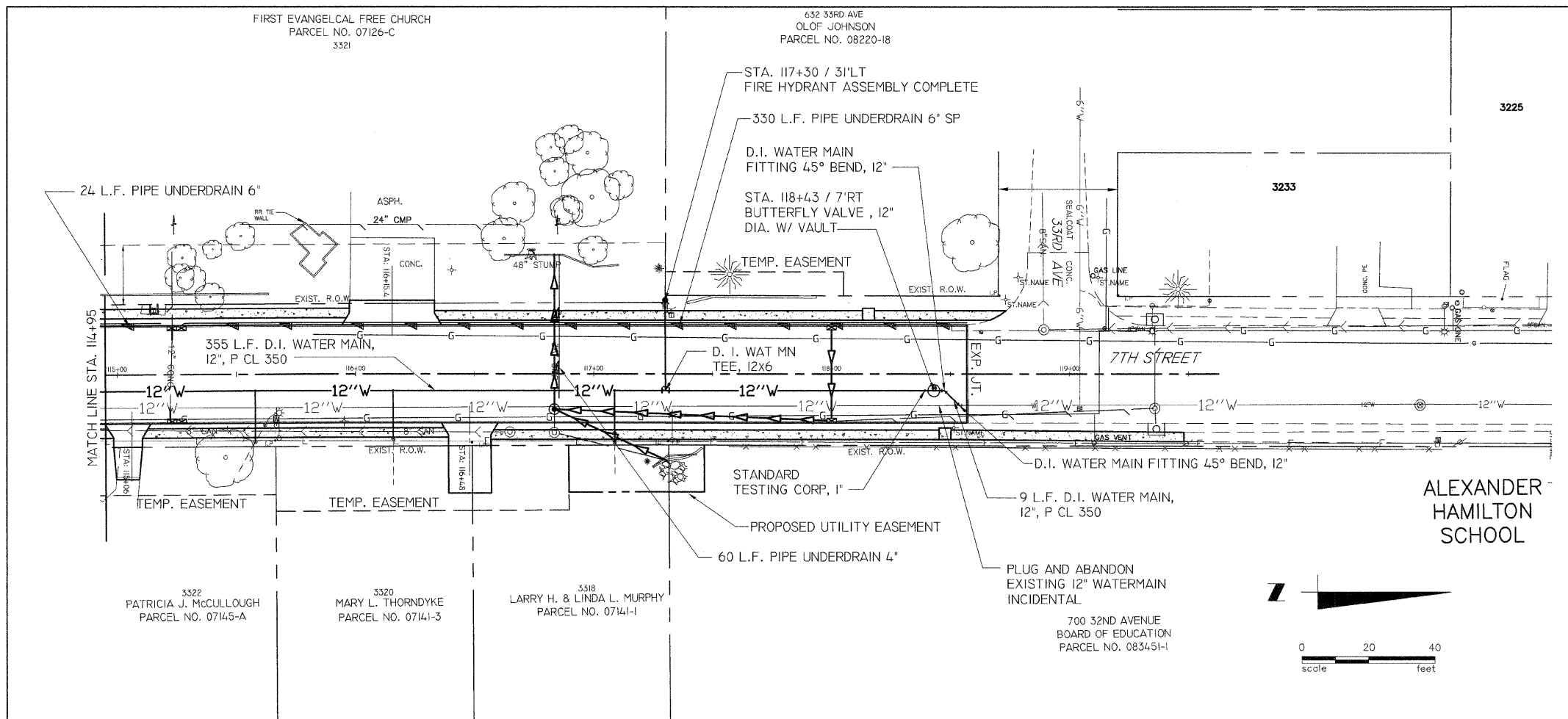


F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
 3635 4TH AVENUE, MOLINE, IL 61265
 7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 PROPOSED WATER AND UNDERDRAIN
 Designed _____ MEF _____ Sheet 13 of 34
 Drawn _____ MEF _____ Project No. MFT221

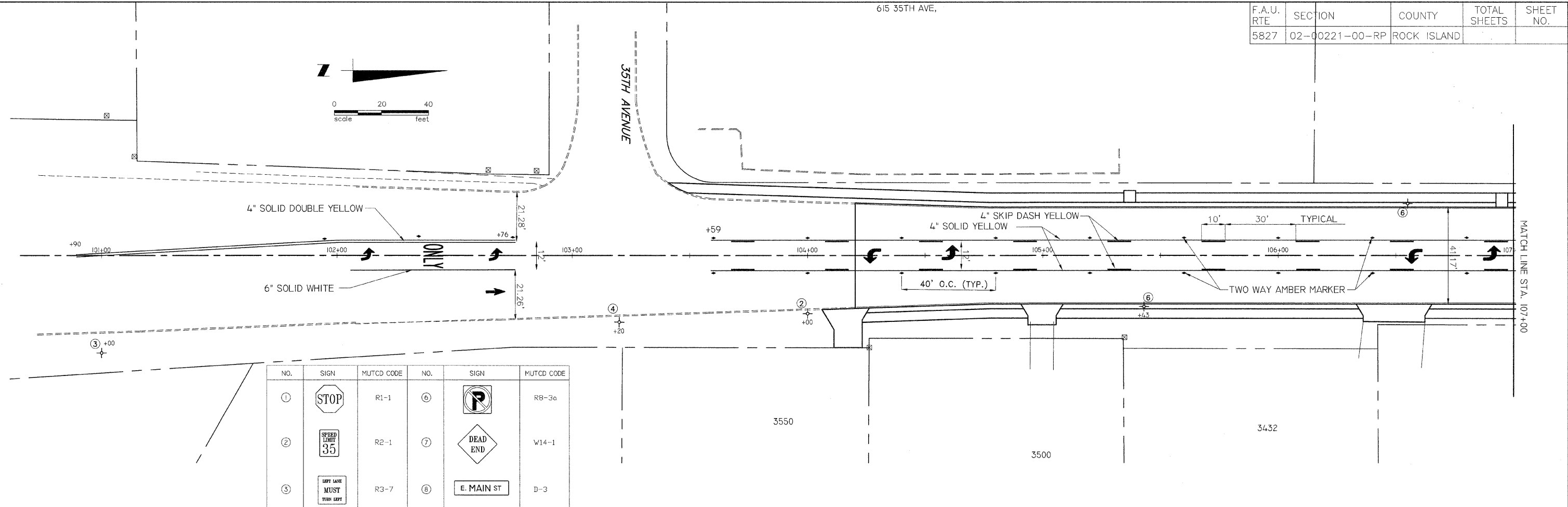
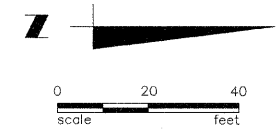
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



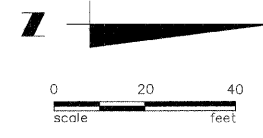
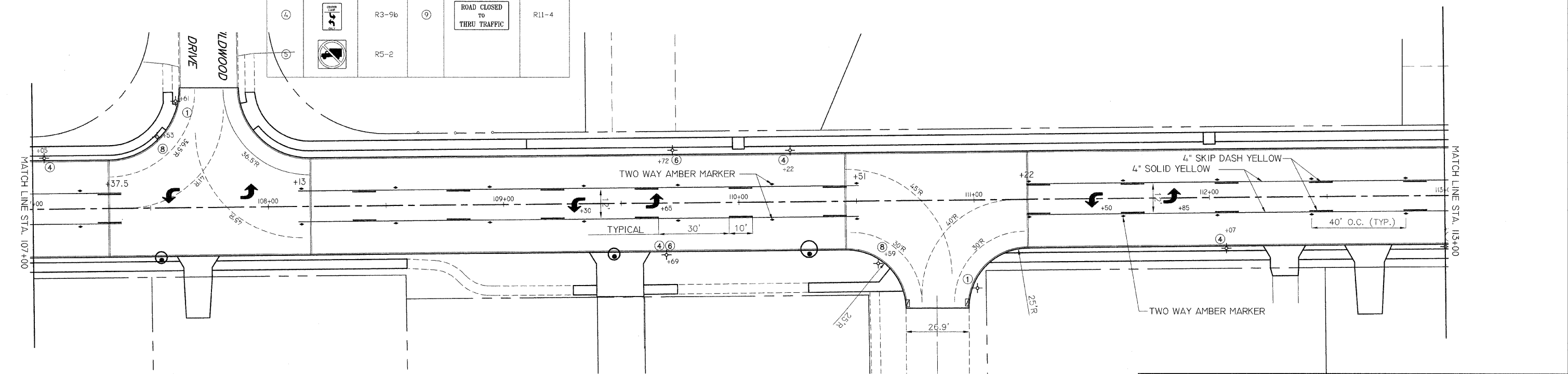
	DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700 3635 4TH AVENUE, MOLINE, IL 61265	
	7TH STREET RECONSTRUCTION & WIDENING 33RD AVE TO SOUTH OF WILDWOOD DRIVE PROPOSED WATER AND UNDERDRAIN	
	Designed <u>MEF</u> Drawn <u>MEF</u>	Sheet <u>14</u> of <u>34</u> Project No. <u>MFT221</u>

615 35TH AVE.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



NO.	SIGN	MUTCD CODE	NO.	SIGN	MUTCD CODE
1		R1-1	6		R8-3a
2		R2-1	7		W14-1
3		R3-7	8		D-3
4		R3-9b	9		R11-4
5		R5-2			



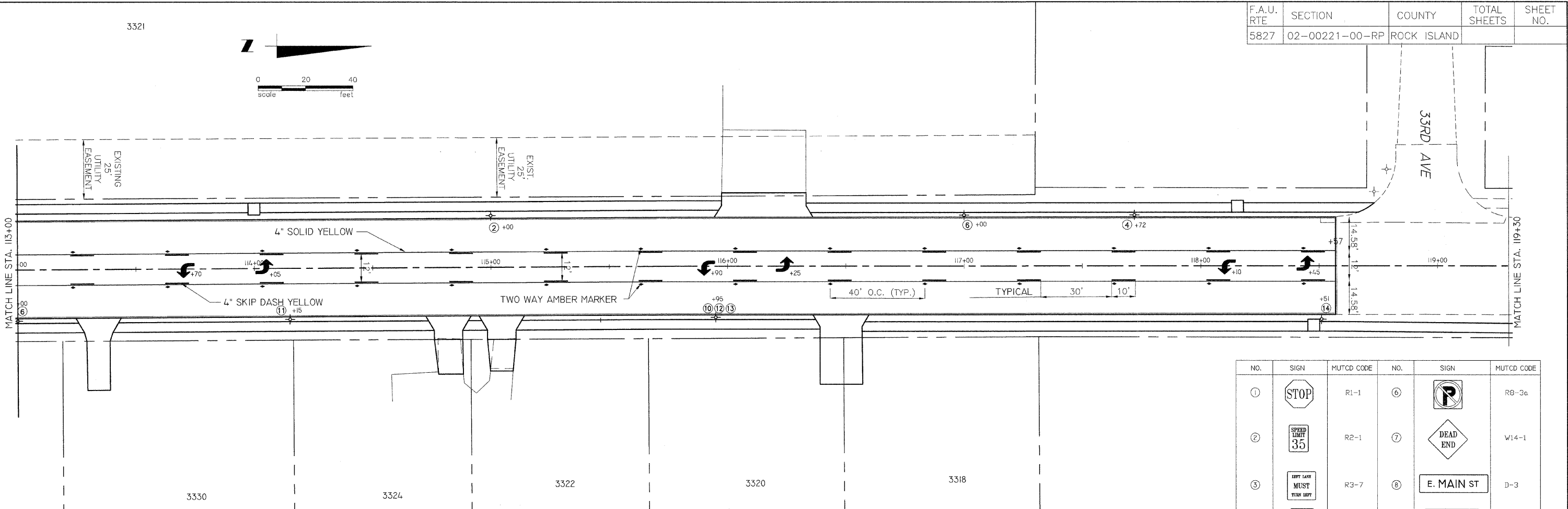
DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
3635 4TH AVENUE, MOLINE, IL 61265

7TH STREET RECONSTRUCTION & WIDENING
33RD AVE TO SOUTH OF WILDWOOD DRIVE
PAVEMENT MARKING

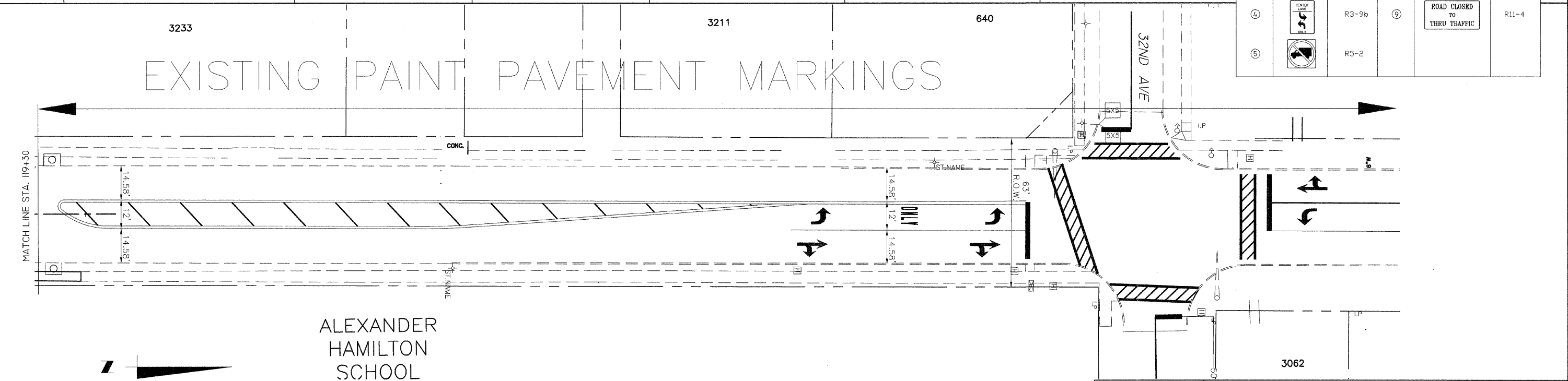
Designed: MEF
Drawn: MEF

Sheet 15 of 34
Project No. MFT221

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



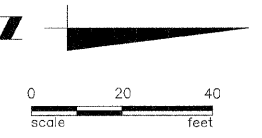
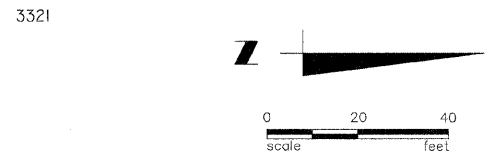
NO.	SIGN	MUTCD CODE	NO.	SIGN	MUTCD CODE
1	STOP	R1-1	6	P	R8-3a
2	SPEED LIMIT 35	R2-1	7	DEAD END	W14-1
3	LEFT LANE MUST TURN LEFT	R3-7	8	E. MAIN ST	D-3
4	CENTER LINE ONLY	R3-9b	9	ROAD CLOSED TO THRU TRAFFIC	R11-4
5	NO LEFT TURN	R5-2			



ALEXANDER HAMILTON SCHOOL

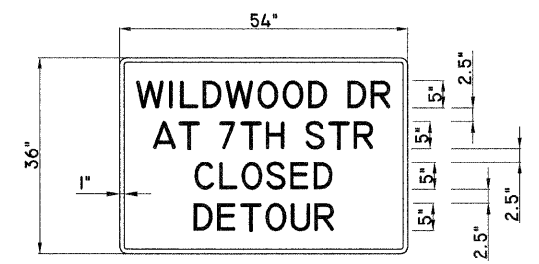


DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
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 7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 PAVEMENT MARKING
 Designed MEF Sheet 16 of 34
 Drawn MEF Project No. MFT221

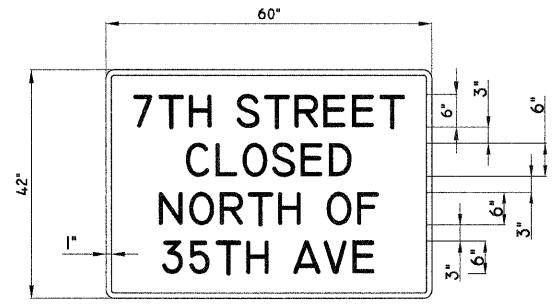


F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

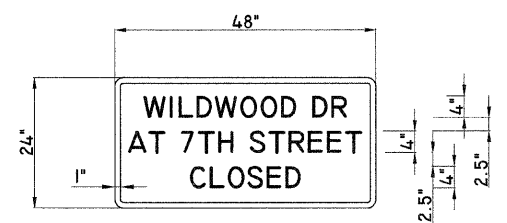
MUTCD SIGN LEGEND					
NO.	SIGN	MUTCD CODE	NO.	SIGN	MUTCD CODE
1		RI-1	7		WI4-1
2		R2-1	8		D-3
3		R3-7	9		RII-4
4		R3-9B	10		M4-9
5		R5-2	11		RII-2
6		R8-3A	12		M4-8A
			13		DI-IC



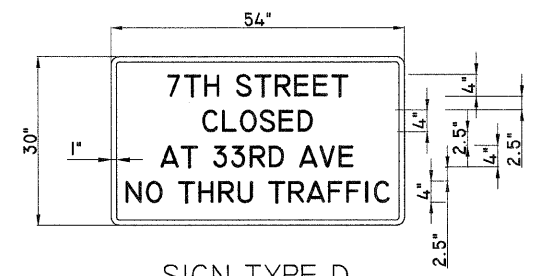
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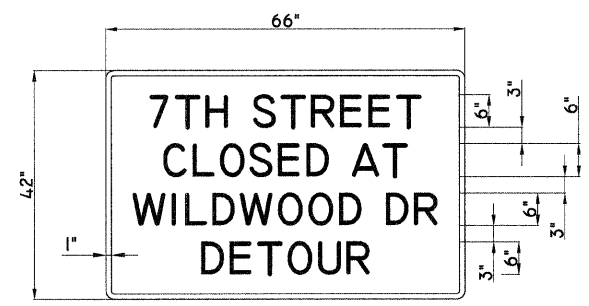
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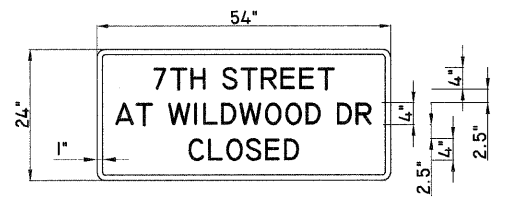
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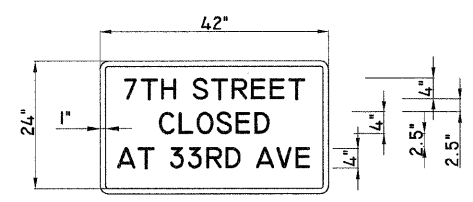
SIGN TYPE D



SIGN TYPE C

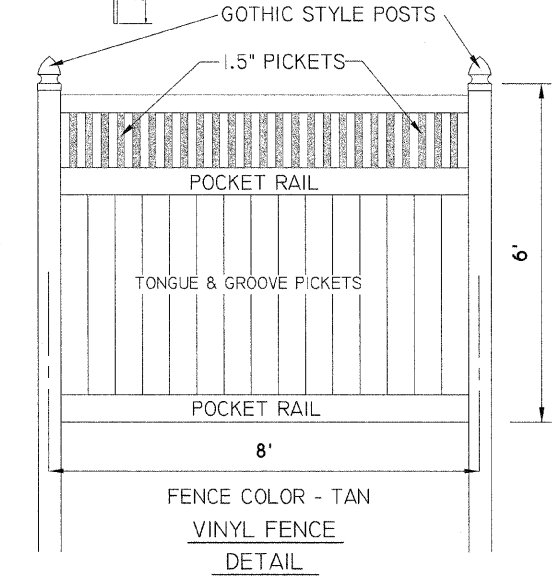
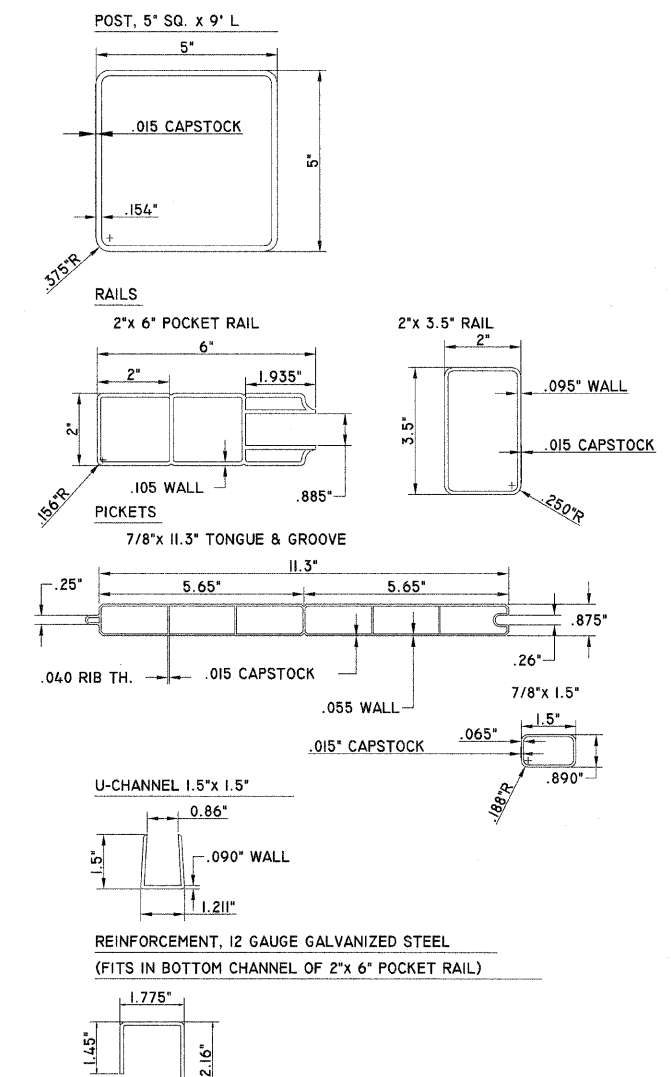


SIGN TYPE B



SIGN TYPE A

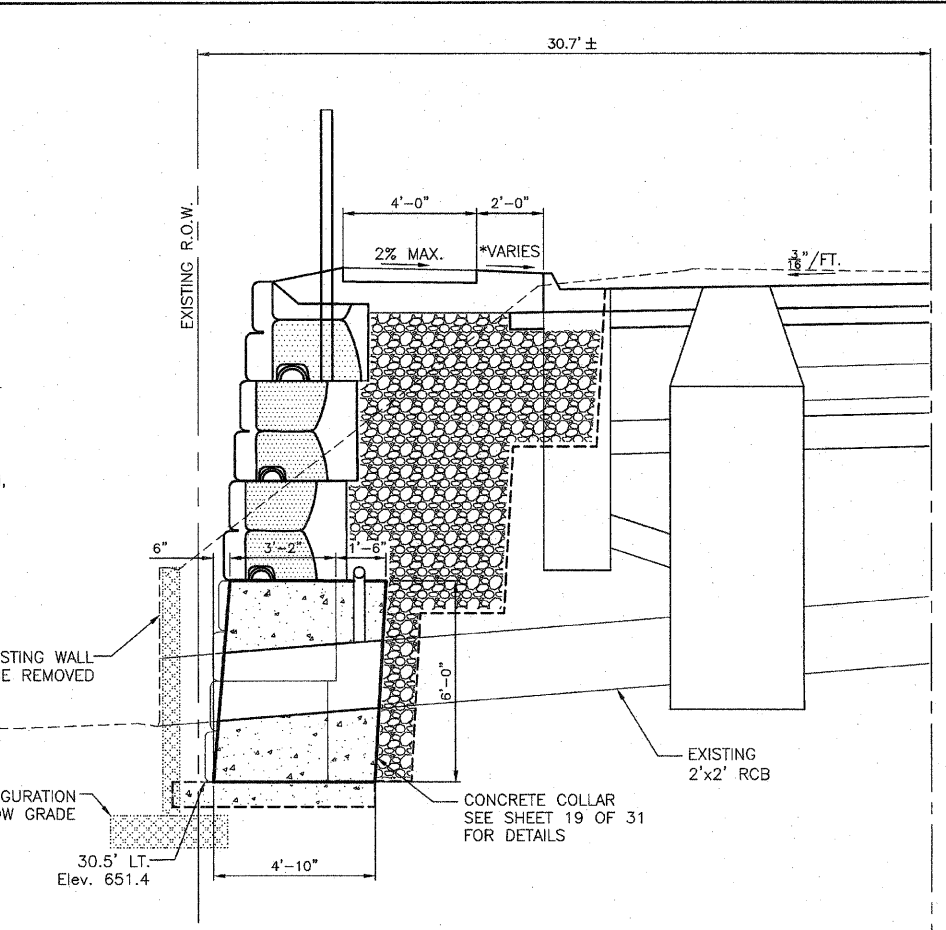
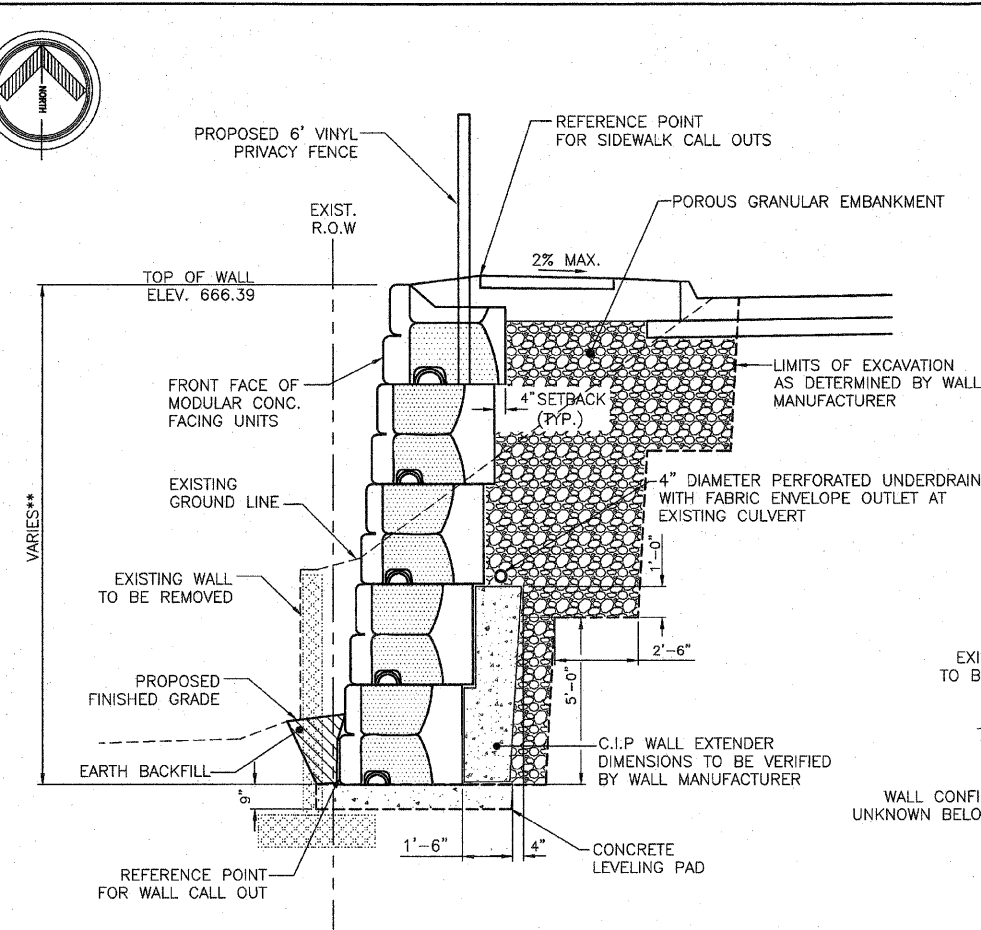
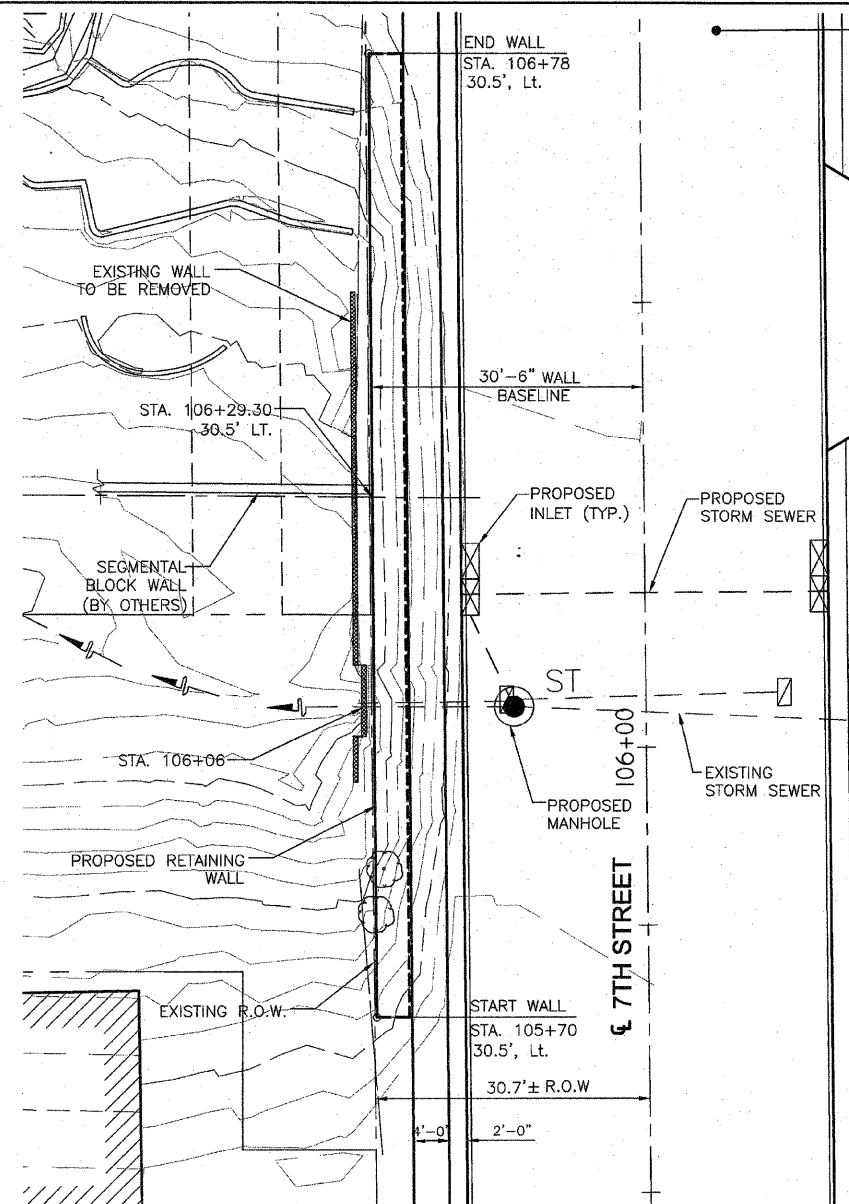
SIGNS SHALL BE ORANGE WITH BLACK LETTERS
TEXT SHALL BE SERIES 2000 D



DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 797-0700
3635 4TH AVENUE, MOLINE, IL 61265
7TH STREET RECONSTRUCTION & WIDENING
33RD AVE TO SOUTH OF WILDWOOD DRIVE
DETAILS

DESIGNED: MEF
DRAWN: MEF

SHEET 17 OF 34
PROJECT No. MFT221



**STA. WALL HEIGHT

105+70 TO 105+84	9'-0"	*6% STA. 106+78
105+84 TO 105+88	12'-0"	0% STA. 105+70
105+88 TO 106+44	15'-0"	
106+44 TO 106+64	12'-0"	
106+64 TO 106+78	9'-0"	

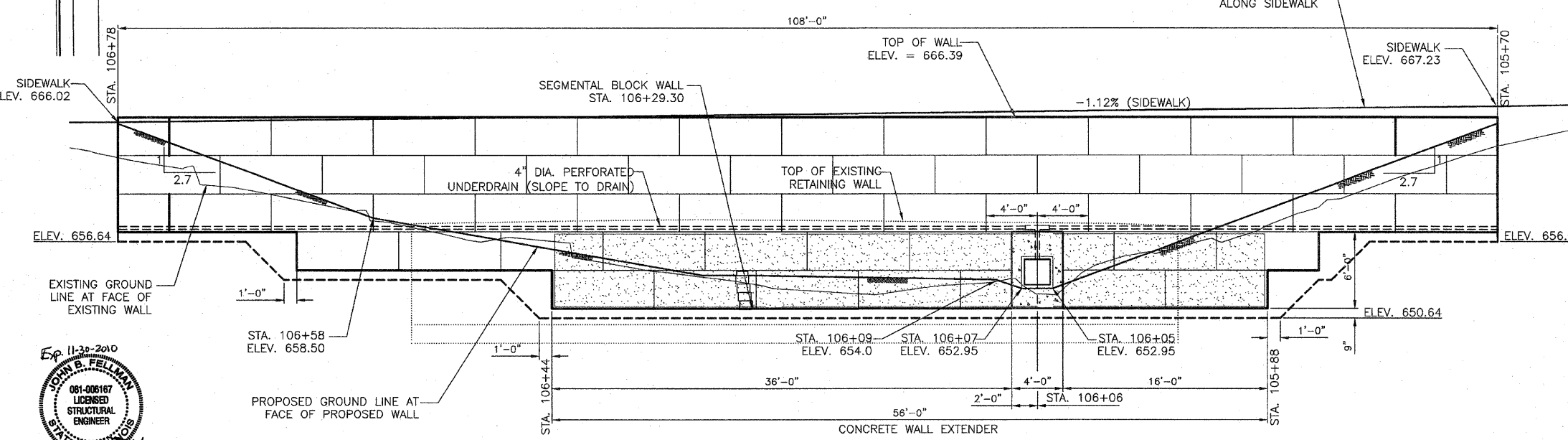
NOTE: COORDINATE COLOR AND PATTERN WITH ENGINEER PRIOR TO ORDERING MATERIALS

BILL OF MATERIAL

PRECAST MODULAR RETAINING WALL	SQ.FT.	1,380
RETAINING WALL REMOVAL	SQ.FT.	480
PIPE UNDERDRAINS, 4" SPECIAL	FOOT	111
CONCRETE COLLAR	CU.YD.	4.0
REINFORCEMENT BARS	POUND	160
BOX CULVERT REMOVAL	FOOT	2.0
POROUS GRANULAR EMBANKMENT	TONS	410



A08X010



EX-11-30-2010
JOHN B. FELLMAN
081-006167
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS
John B. Fellman
5-12-2009

CITY OF MOLINE
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
3635 4TH AVENUE, MOLINE, IL 61265
(309) 797-0700
CITY ENGINEER - SCOTT HINTON, P.E.

PLAN AND SECTIONS
PRECAST MODULAR RETAINING WALL

Date	Revision

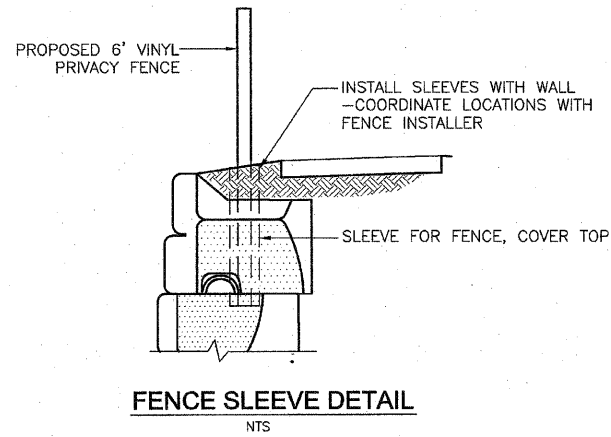
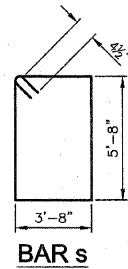
Date	5/12/2009	Sheet	18 of 34
Scale	AS NOTED	DESIGNER	JBF
MFT PROJ. #			

SEQUENCE OF CONSTRUCTION

1. REMOVE EXISTING RETAINING WALL AS SHOWN ON PLANS.
2. SHORE UP THE EXISTING 2'X2' RCB AS REQUIRED.
3. SAW-CUT THE EXISTING 2'X2' RCB AS SHOWN ON PLANS.
4. POUR THE LEVELING PAD FOR THE PROPOSED RETAINING WALL.
5. FORM AND POUR THE CONCRETE COLLAR AS SHOWN ON PLANS.
6. PLACE THE MODULAR RETAINING WALL UNITS STARTING AT COLLAR, AND WORKING OUT.

BILL OF MATERIAL

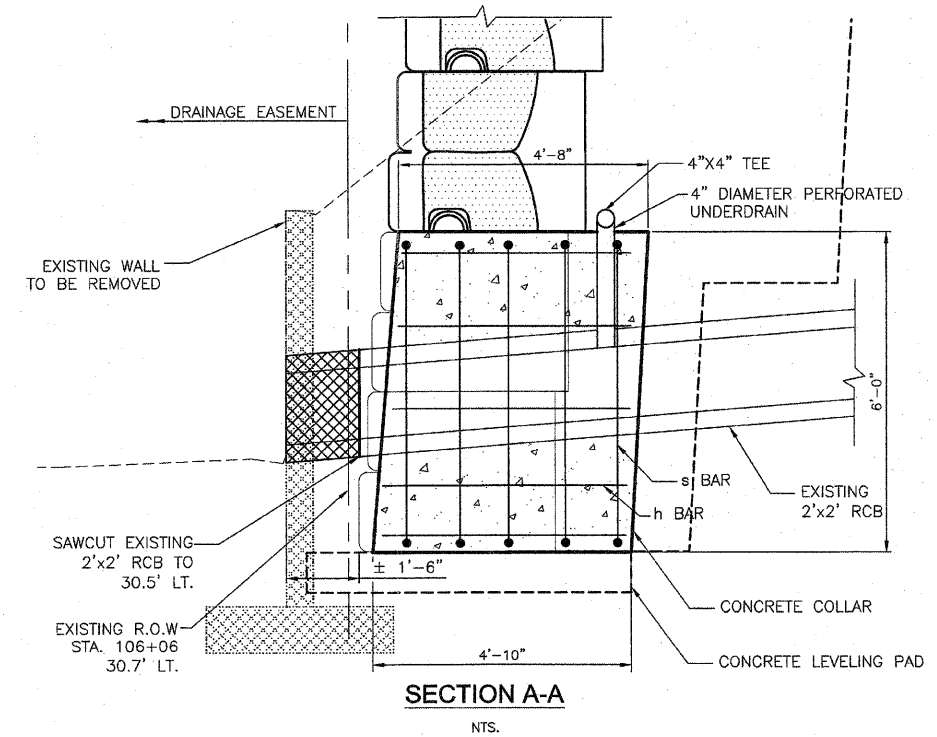
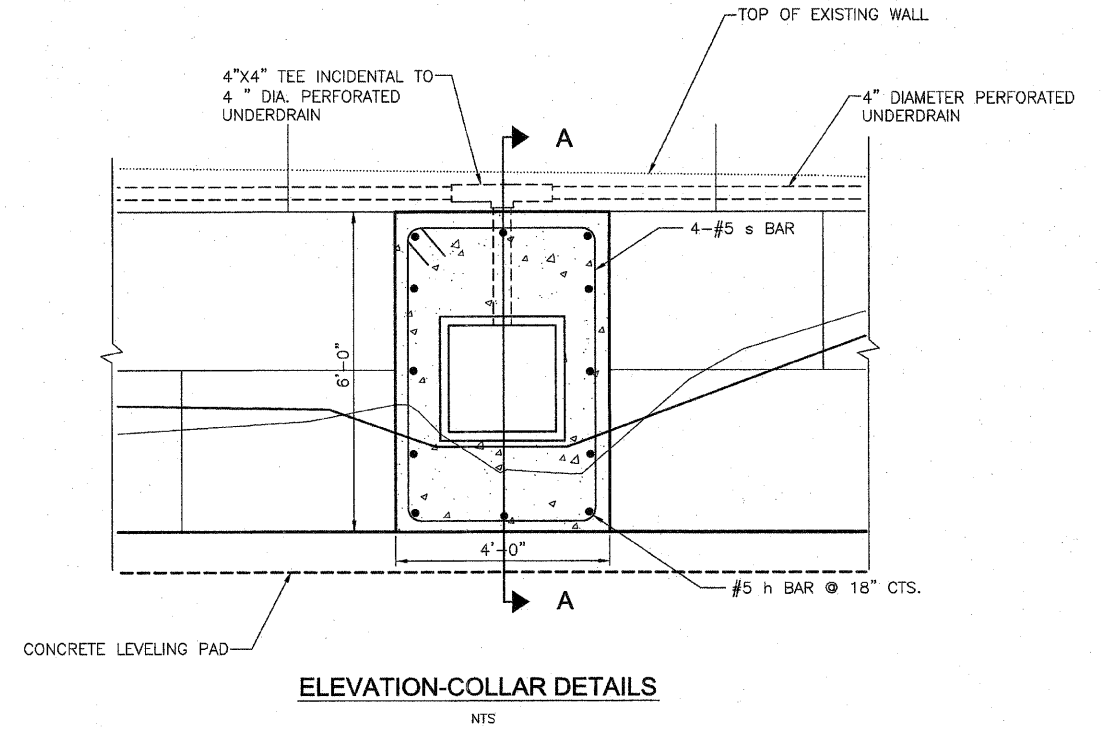
BAR	NO.	SIZE	LENGTH	SHAPE
h	12	#5	4'-5"	—
s	5	#5	19'-5"	□
CONCRETE COLLAR			CU. YD.	4.0
REINFORCEMENT BARS			POUND	160
BOX CULVERT REMOVAL			FOOT	2.0



A08X010



John B. Fellman
5-12-2009

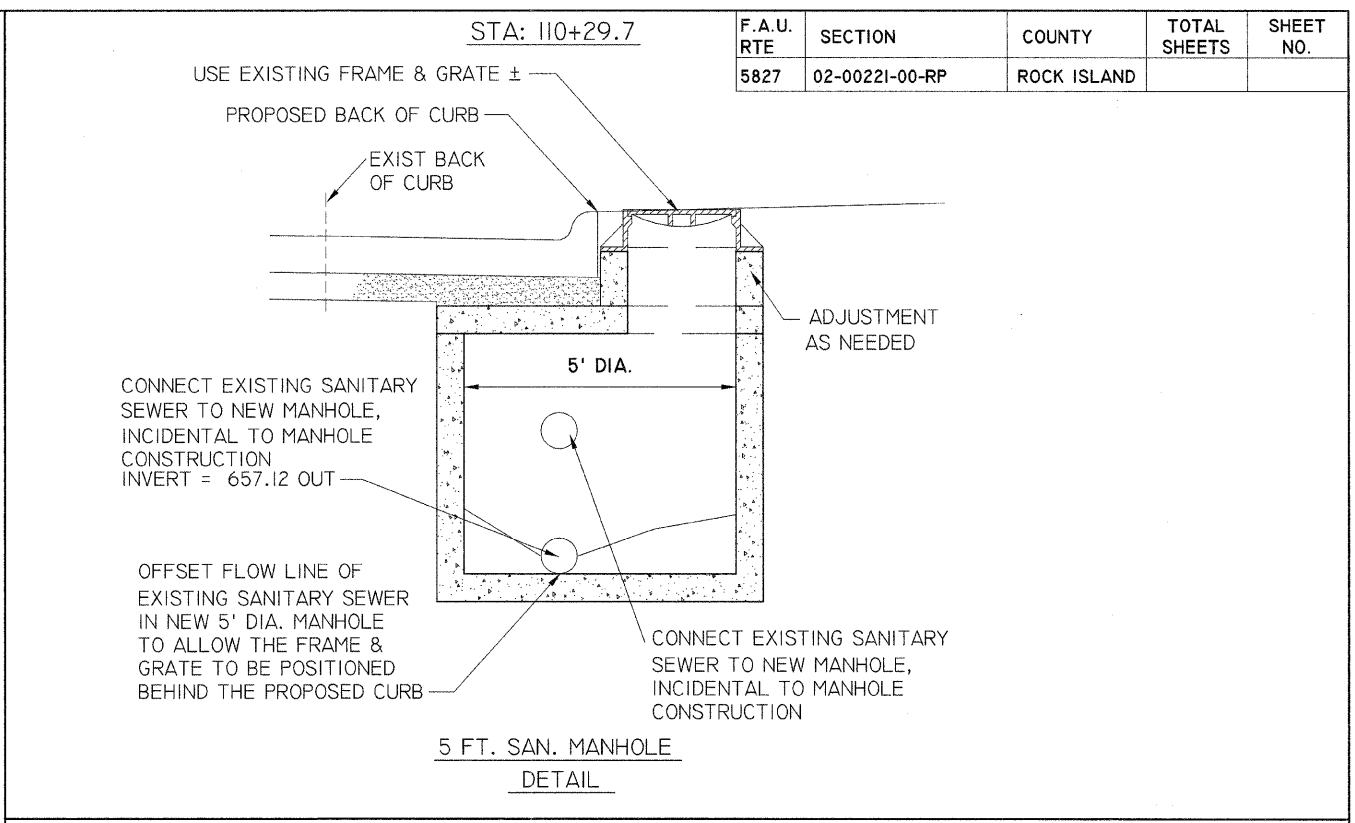
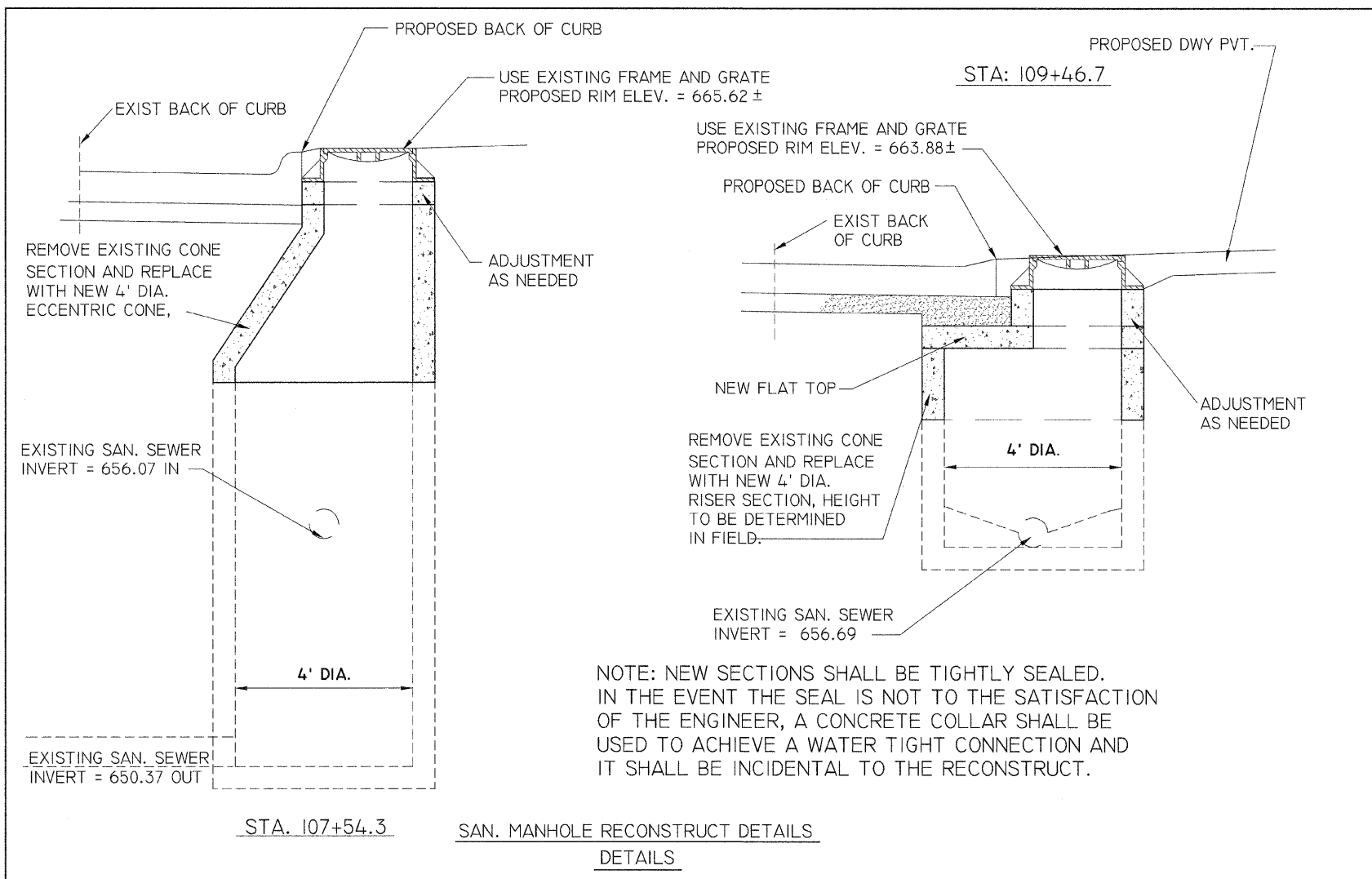


CITY OF MOLINE
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
3635 4TH AVENUE, MOLINE, IL 61265
(309) 797-0700
CITY ENGINEER - SCOTT HINTON, P.E.

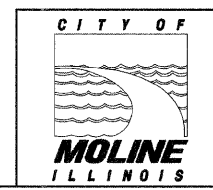
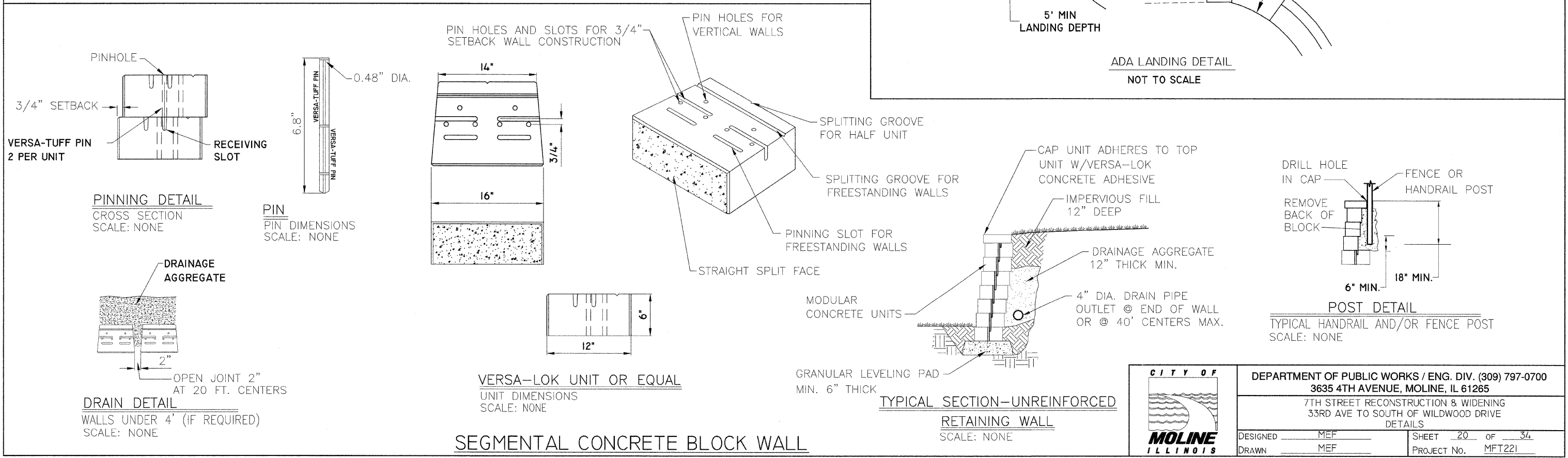
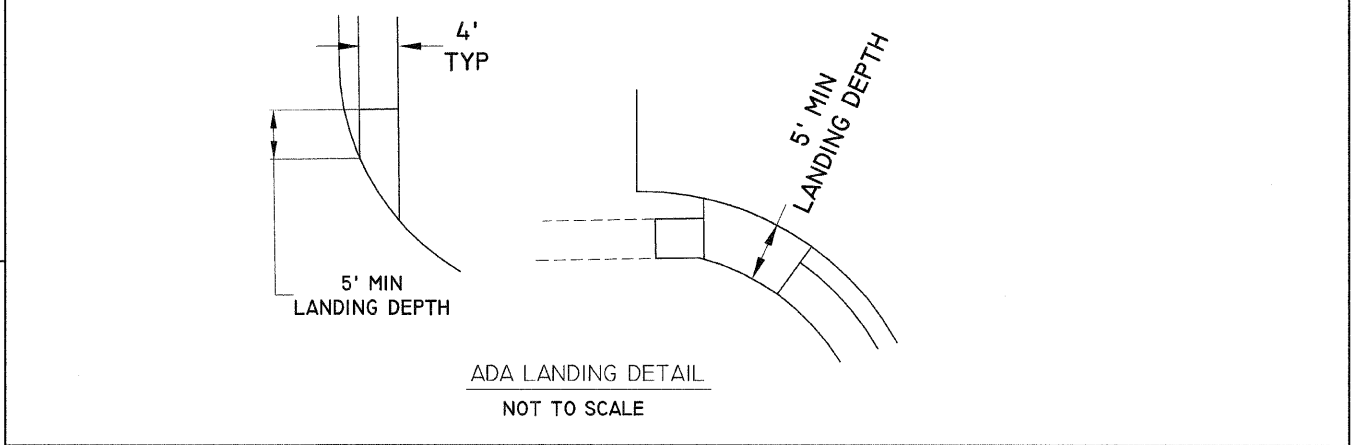
DETAILS
PRECAST MODULAR RETAINING WALL

Date	Revision

Date	Sheet
5/12/2009	19 of 34
Scale	DESIGNER
AS NOTED	JBF
MFT PROJ. #	



F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



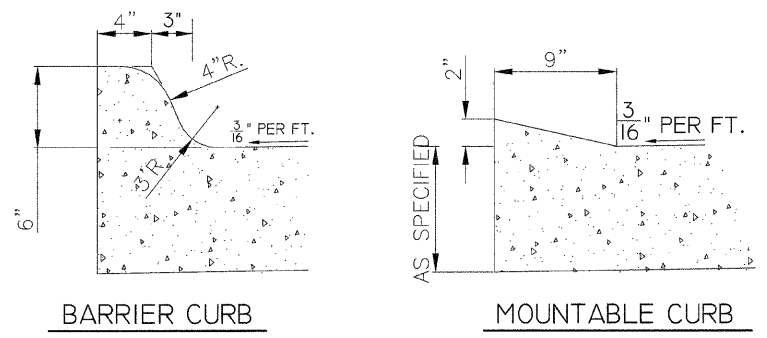
DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 797-0700
3635 4TH AVENUE, MOLINE, IL 61265

7TH STREET RECONSTRUCTION & WIDENING
33RD AVE TO SOUTH OF WILDWOOD DRIVE
DETAILS

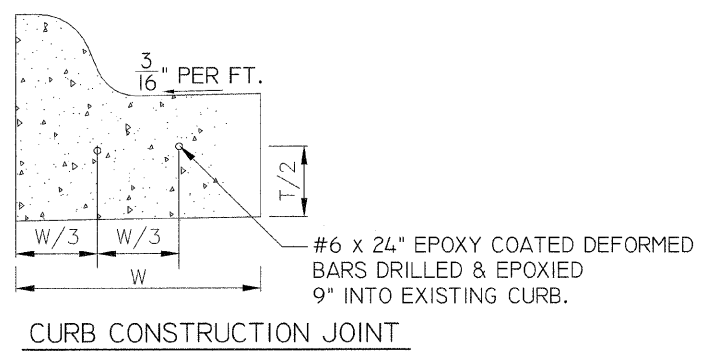
DESIGNED MEF
DRAWN MEF

SHEET 20 OF 34
PROJECT No. MFT221

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

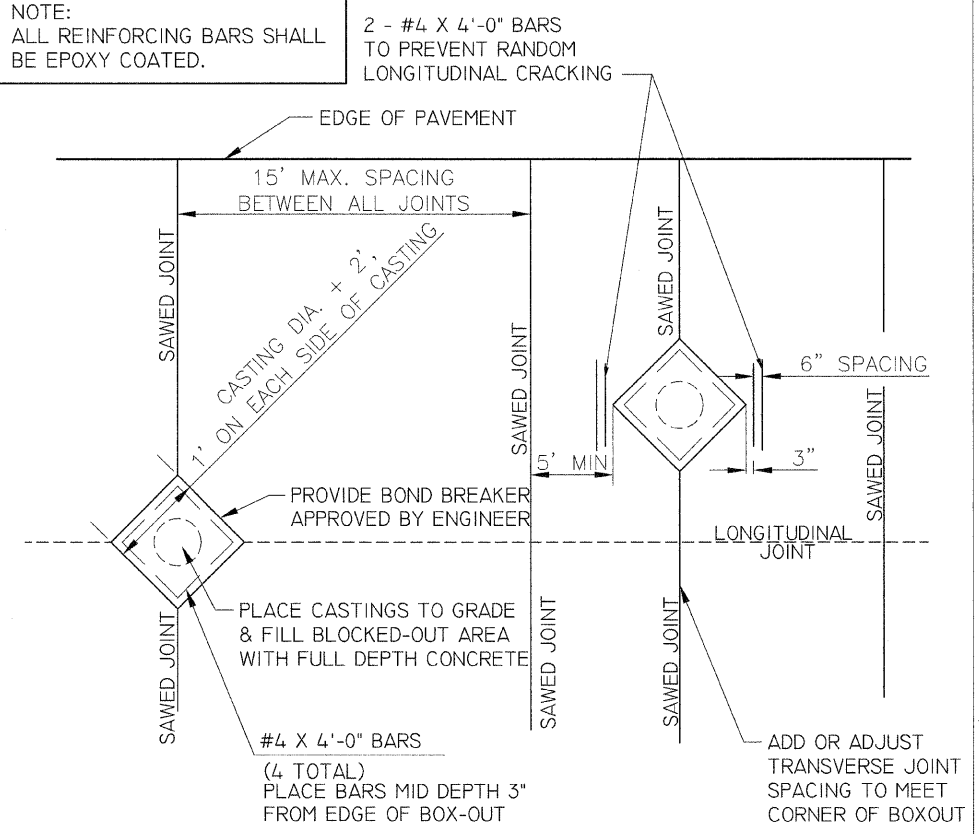


NOTE:
 ALL HONEYCOMBED AND OR POROUS AREAS IN BACK OF CURB WILL BE CORRECTED AS DIRECTED BY THE ENGINEER.

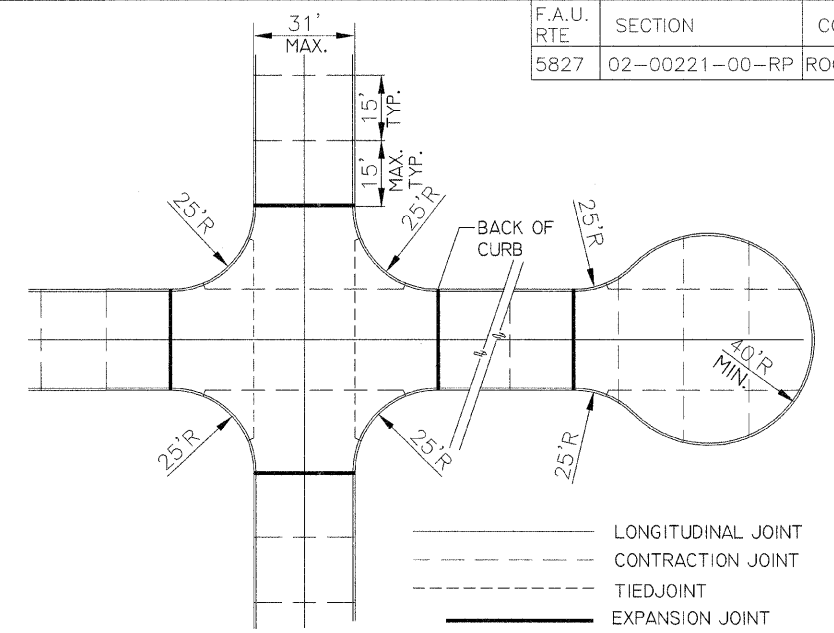


INTEGRAL CURB DETAIL
 DATE 12/05 CITY OF MOLINE STANDARD #2

NOTE:
 ALL REINFORCING BARS SHALL BE EPOXY COATED.

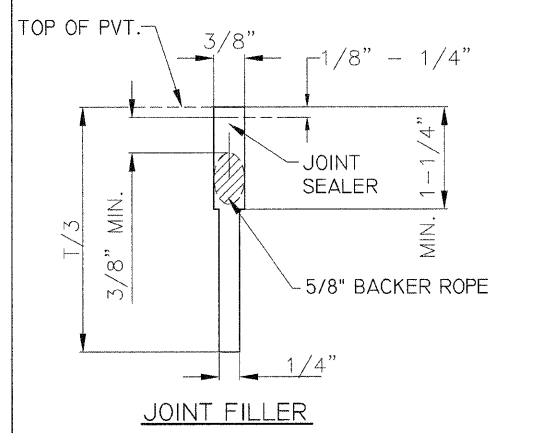


MANHOLE BOX OUT DETAIL
 DATE 1/07 CITY OF MOLINE STANDARD #3



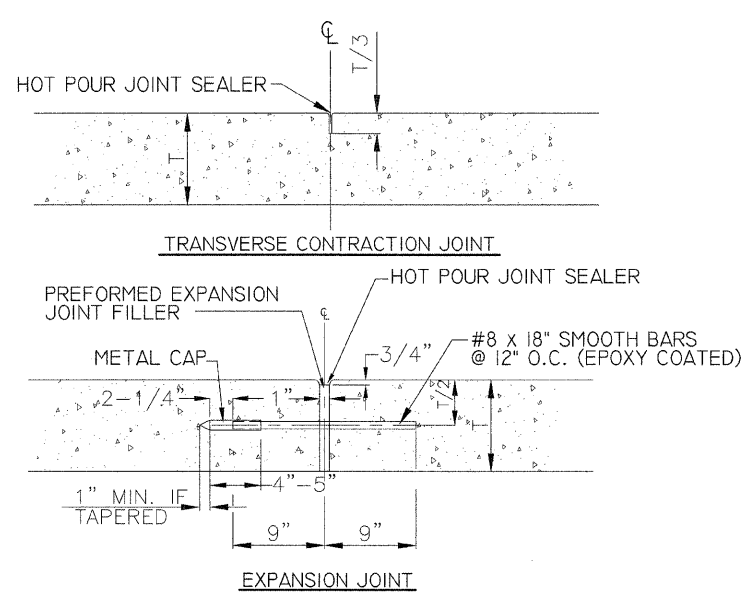
NOTE:
 ADDITIONAL EXPANSION JOINTS TO BE PLACED AT MAX. 400' SPACING, INCIDENTAL TO PAVEMENT CONSTRUCTION.
 ALL REINFORCING BARS SHALL BE EPOXY COATED.

JOINT TYPE & LAYOUT DETAIL
 DATE 2/05 CITY OF MOLINE STANDARD #4

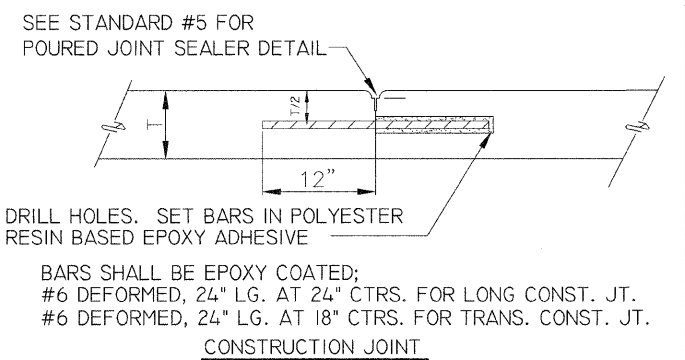


- AFTER SAWING FLUSH JOINT WITH WATER OR AIR.
- CLEAN BY SAND BLASTING UNTIL SURFACES ARE FREE OF SAWCUTTING FINES
- JUST PRIOR TO INSTALLATION OF BACKER ROPE, BLOW WITH OIL AND WATER FREE COMPRESSED AIR TO ELIMINATE SAND AND WATER.

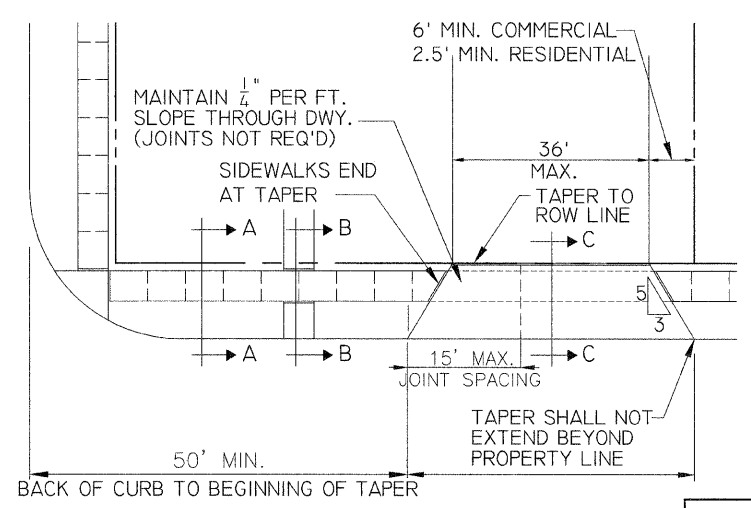
NOTES:
 HOLES SHALL BE DRILLED IN PREFORMED EXPANSION JOINT FILLER.
 NO SLOTS OR GAPS WILL BE ALLOWED.
 DOWEL BARS SHALL BE GREASED TO THE SATISFACTION OF THE ENGINEER.



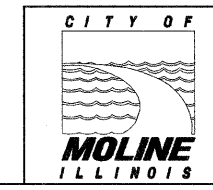
CONSTRUCTION JOINT & EXPANSION JOINT DETAIL
 DATE 12/05 CITY OF MOLINE STANDARD #5



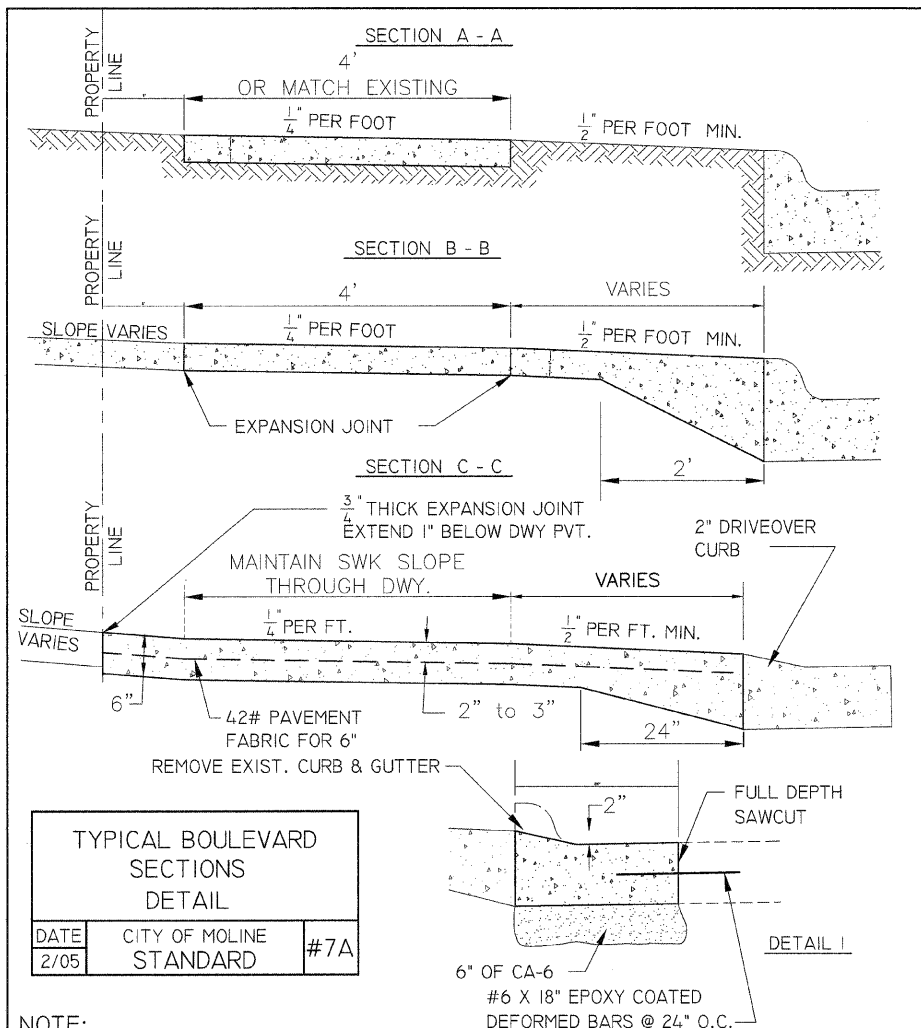
LONGITUDINAL JOINT & TRANSVERSE JOINT DETAIL
 DATE 12/05 CITY OF MOLINE STANDARD #6



RESIDENTIAL/COMMERCIAL DRIVEWAY & SIDEWALK DETAILS
 DATE 1/04 CITY OF MOLINE STANDARD #7

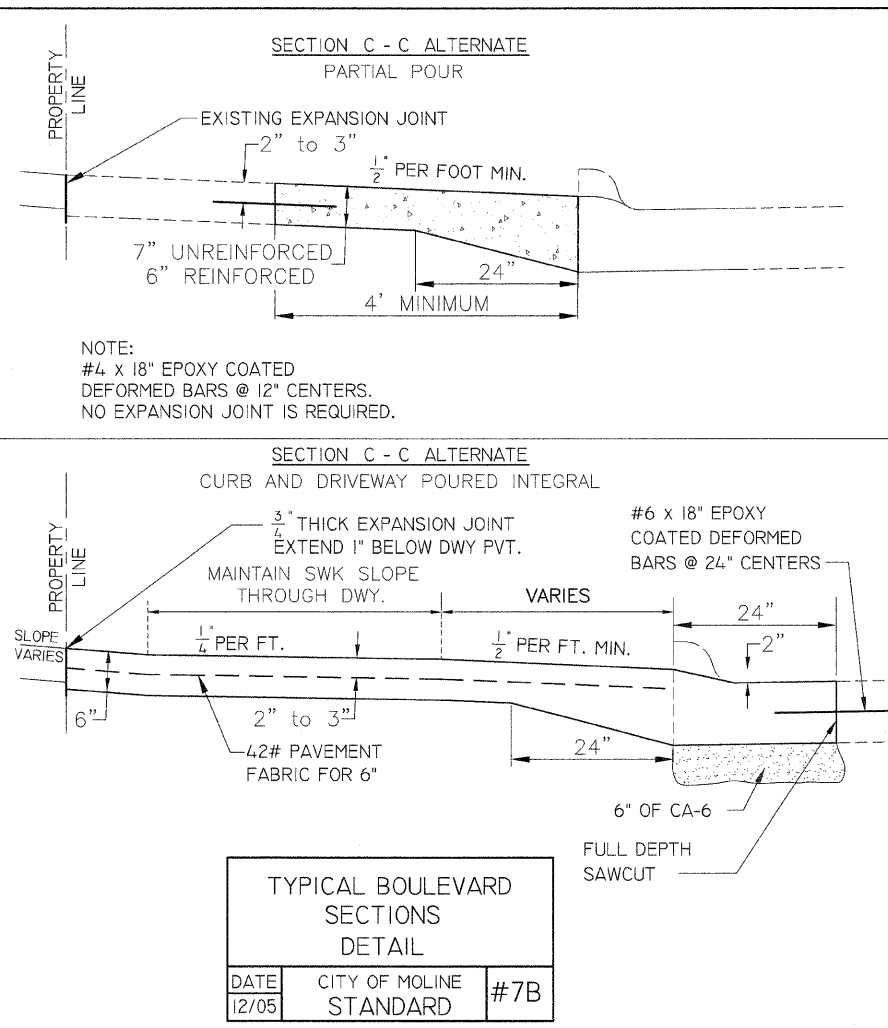


DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
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 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 DETAILS
 DESIGNED MEF SHEET 21 OF 34
 DRAWN MEF PROJECT No. MFT221

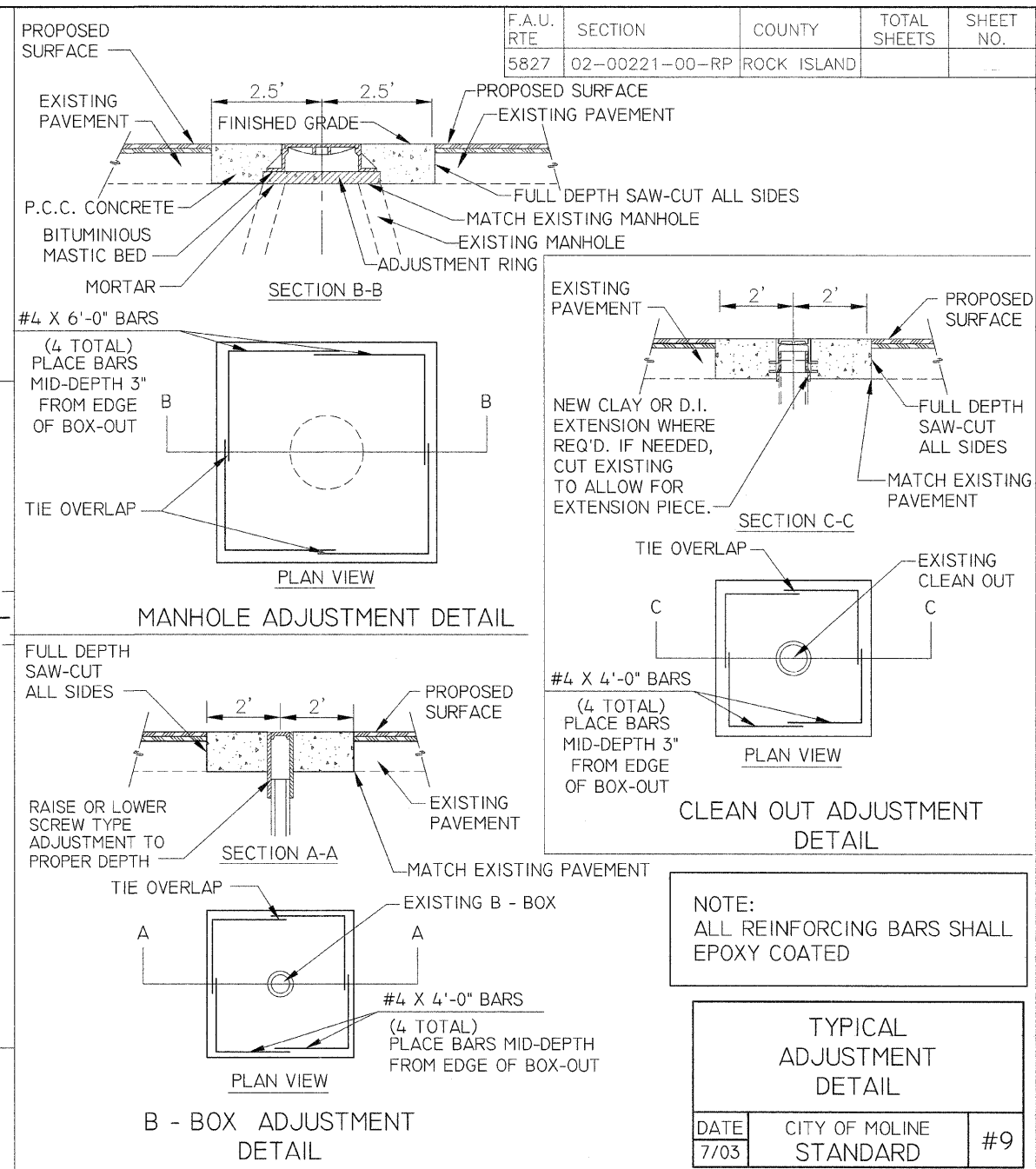


NOTE:
CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE OF ILL. STANDARD SPECIFICATIONS NO MORE THAN ONE DRIVEWAY PER LOT ALL JOINTS AT BACK OF CURB SHALL BE SEALED WITH APPROVED POURED JOINT SEALER.

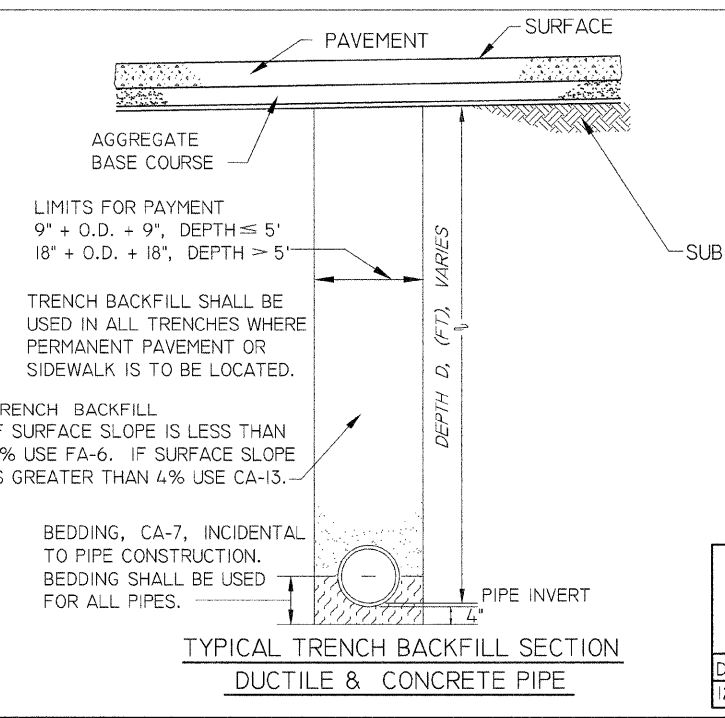
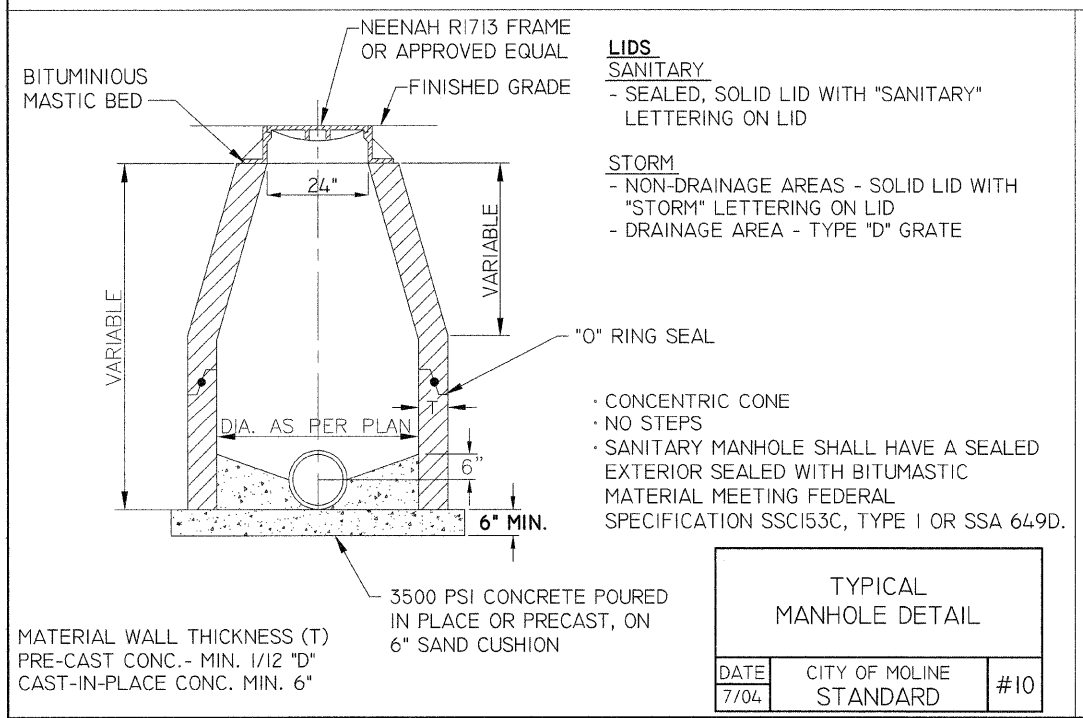
WHERE THE STREET PAVEMENT HAS 6" CURB, THE CURB SHALL BE REMOVED & REPLACED AS SHOWN IN DETAIL I ON STND SHEET 7A OR C-C ALT. CURB MAY BE CUT OFF WITH A SAW DESIGNED FOR THIS APPLICATION. DRIVEWAY PAVEMENT SHALL BE 6" REINFORCED OR 7" PLAIN CEMENT CONCRETE.



REINFORCING SHALL BE MESH WEIGHING 42 LBS. PER 100 SQUARE FEET. WHERE THE STREET PAVEMENT HAS 4" DRIVEOVER CURB, THE CURB MAY REMAIN INTACT. NO MATERIAL WILL BE ALLOWED TO BE PLACED IN THE GUTTER. BARS TO BE 18" LONG, DRILLED AND EPOXIED 9" INTO EXISTING PAVEMENT.



NOTE:
ALL REINFORCING BARS SHALL EPOXY COATED



NOTE:
THE FOLLOWING TABLES WILL BE USED TO DETERMINE THE VOLUME OF TRENCH BACKFILL TO BE PAID FOR.

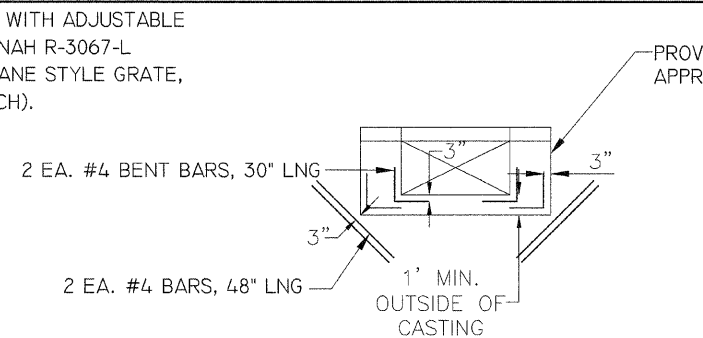
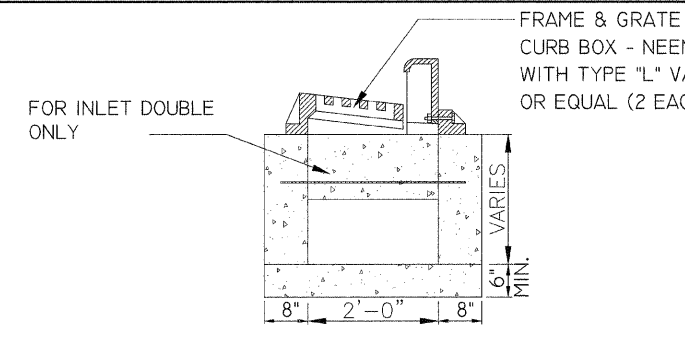
STORM SEWER THE I.D.O.T., BUREAU OF CONSTRUCTION "TRENCH BACKFILL TABLE"
SANITARY SEWER & WATER MAIN TABLES FROM THE STANDARD SPECIFICATION FOR WATER AND SEWER IN ILLINOIS

DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
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DETAILS

DESIGNED: MEF SHEET 22 OF 34
DRAWN: MEF PROJECT NO. MFT221

CITY OF MOLINE ILLINOIS

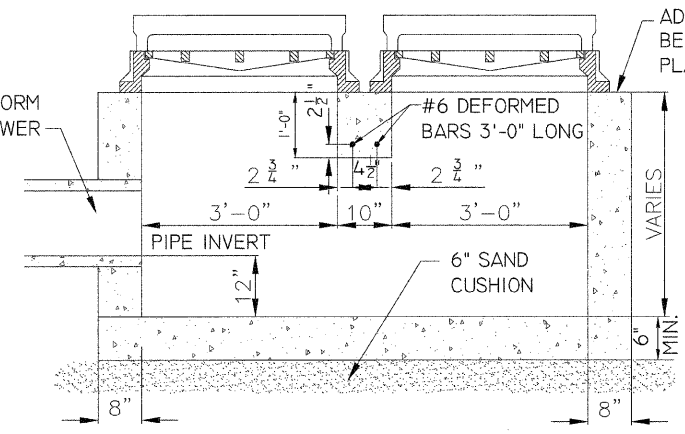
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		



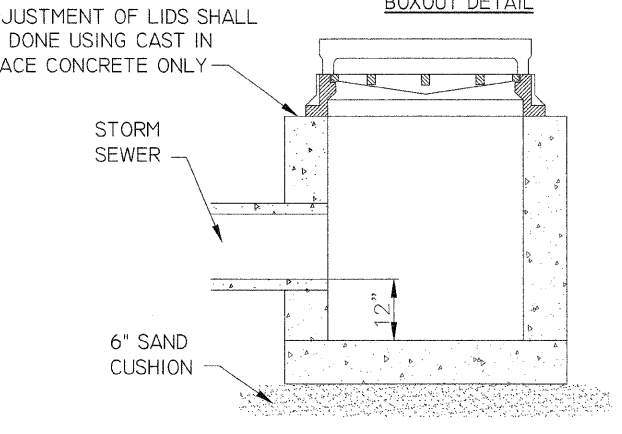
STRUCTURE SHALL INCLUDE A 6 FT. LENGTH OF PERFORATED, CORRUGATED, POLYETHYLENE TUBING, 4", CONNECTED TO STRUCTURE, ENCASED IN A FABRIC ENVELOPE & PLACED "ALONG PIPE BOTTOM" UPSTREAM OF STRUCTURE.

NOTES:
 NO PART OF PIPE SHALL BE PLACED WITHIN 9 INCHES OF THE C OF BEAMS
 2 L.F. OF CURB AND GUTTER (EACH SIDE) SHALL BE INCLUDED AS PART OF INLET CONSTRUCTION AND ADJUSTMENT IF NOT WITHIN NEW PVT. CONSTRUCTION.
 ALL REINFORCING BARS SHALL BE EPOXY COATED.

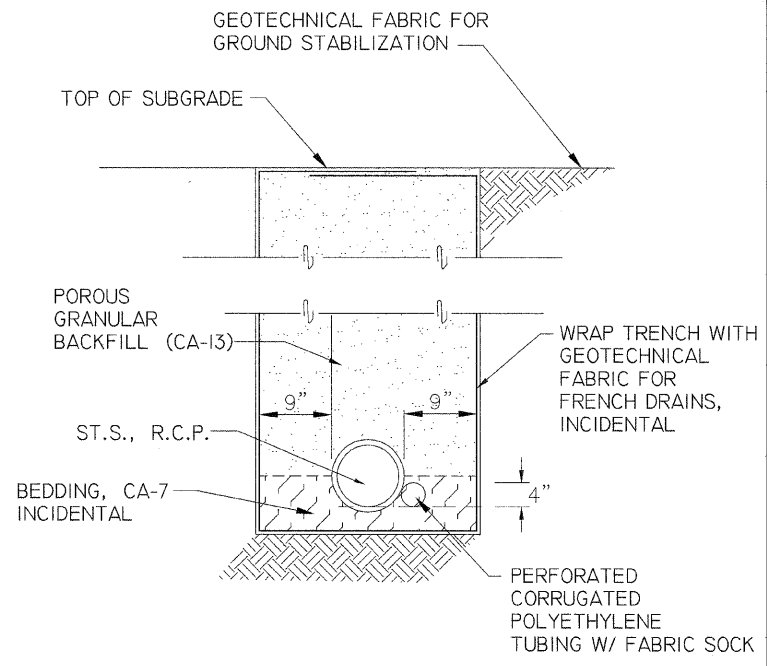
CATCH BASIN SINGLE/DOUBLE DETAIL		
DATE	CITY OF MOLINE STANDARD	#14
12/05		



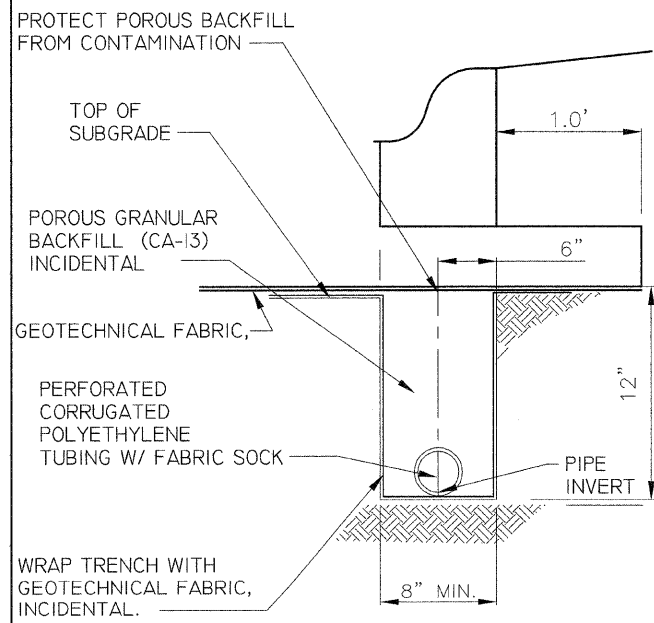
STORM WATER CATCH BASIN DOUBLE



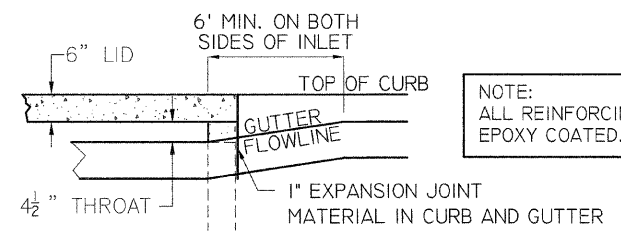
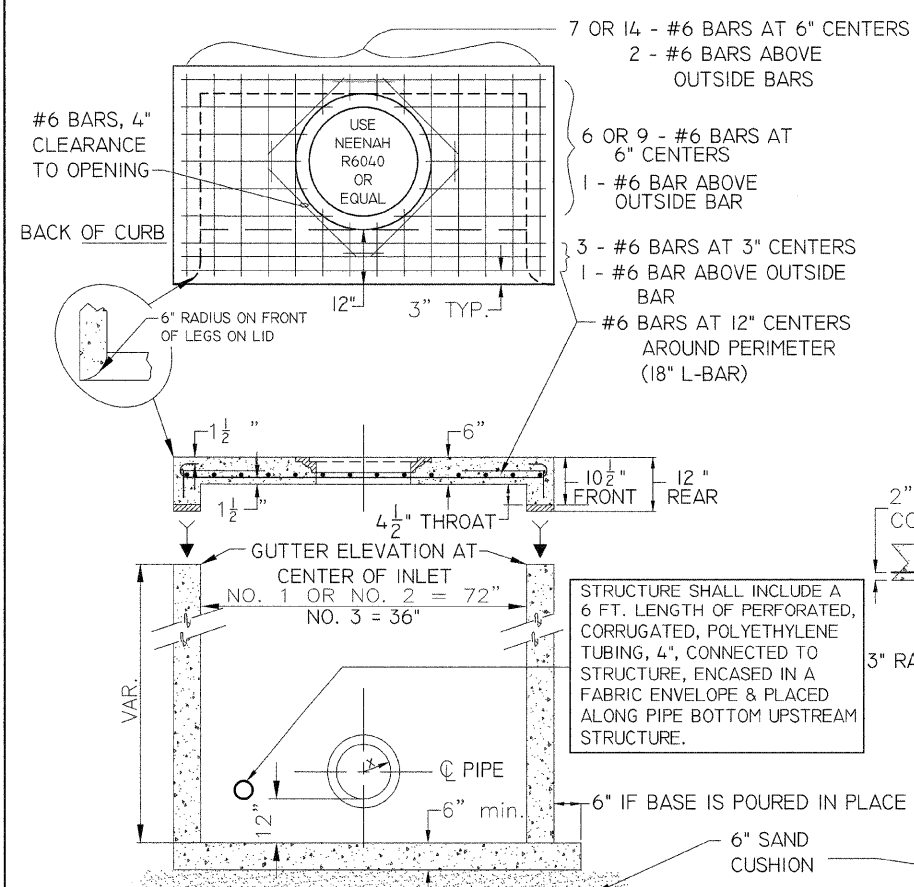
STORM WATER INLET SINGLE



UNDERDRAIN DETAIL		
DATE	CITY OF MOLINE STANDARD	#18
12/05		

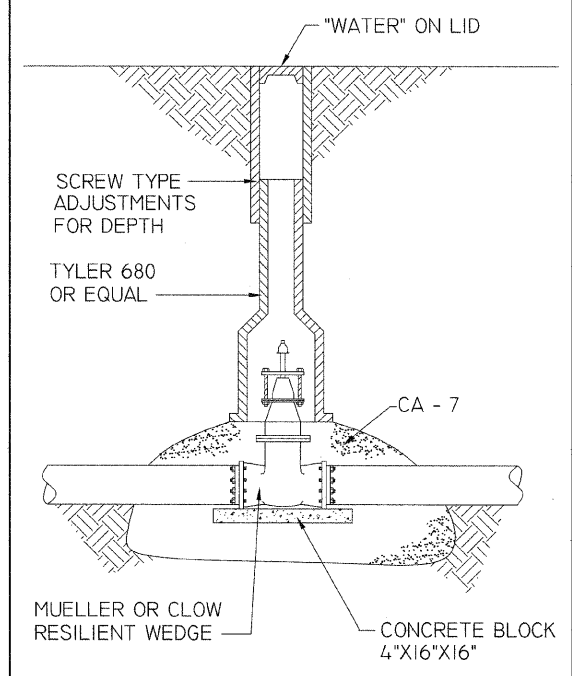


PIPE UNDERDRAIN DETAIL		
DATE	CITY OF MOLINE STANDARD	#18A
12/05		

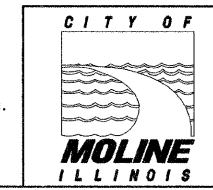


NOTE:
 THE CONTRACT UNIT PRICE EACH FOR "CATCH BASIN SPECIAL" SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCING BARS, AND THE MODIFICATIONS TO CURB & GUTTER.
 CURB & GUTTER WILL BE PAID FOR SEPARATELY ONLY IF ASSOCIATED WITH PVT REPLACEMENT.

CATCH BASIN SPECIAL NO 1, 2 OR 3		
DATE	CITY OF MOLINE STANDARD	#15
12/05		

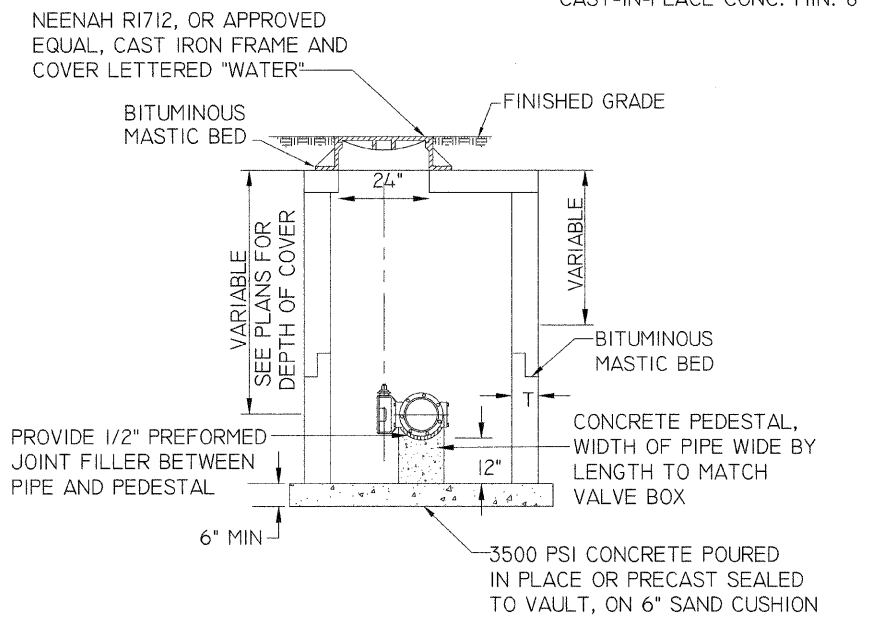


GATE VALVE BOX INSTALLATION		
DATE	CITY OF MOLINE STANDARD	#22
9/02		



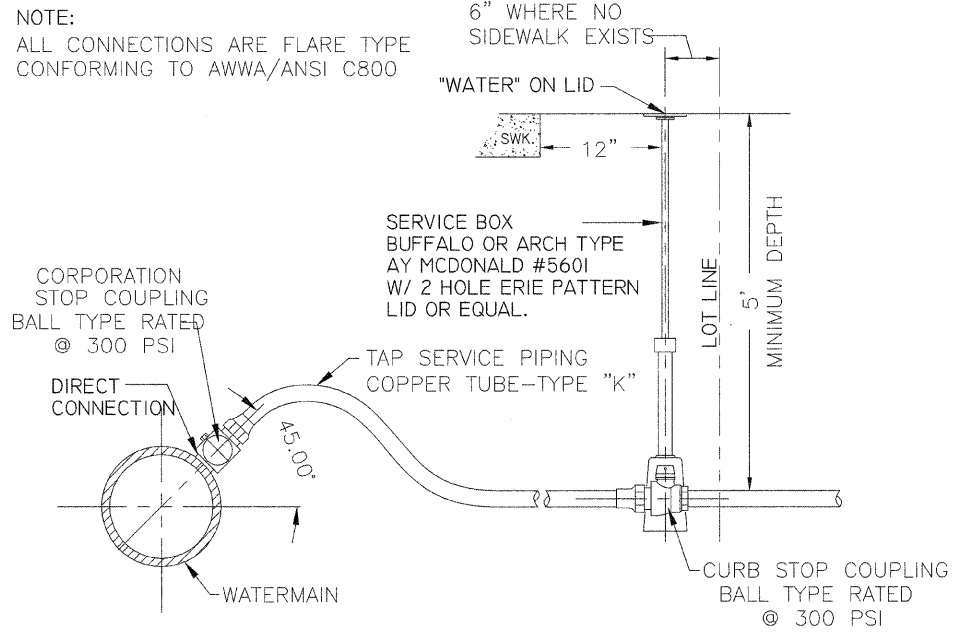
DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
 3635 4TH AVENUE, MOLINE, IL 61265
 7TH STREET RECONSTRUCTION & WIDENING
 33RD AVE TO SOUTH OF WILDWOOD DRIVE
 DETAILS
 DESIGNED: MEF SHEET 23 OF 34
 DRAWN: MEF PROJECT NO. MFT221

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NOTE:
FRAMES AND LIDS SHALL BE LOCATED OVER CENTER OF OPERATING NUT.

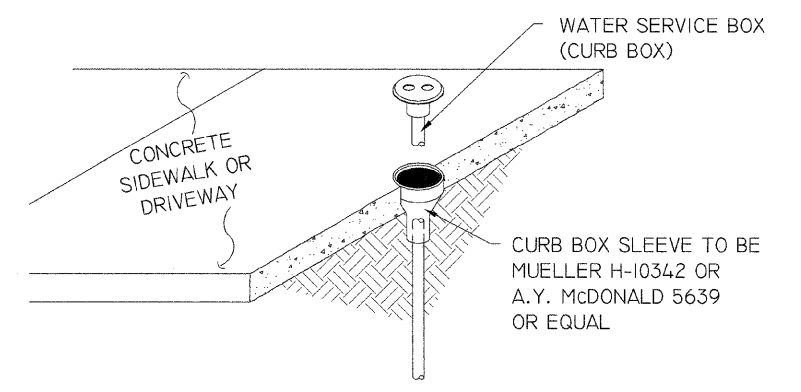
TYPICAL VALVE VAULT DETAIL		
DATE	CITY OF MOLINE STANDARD	#23
3/04		



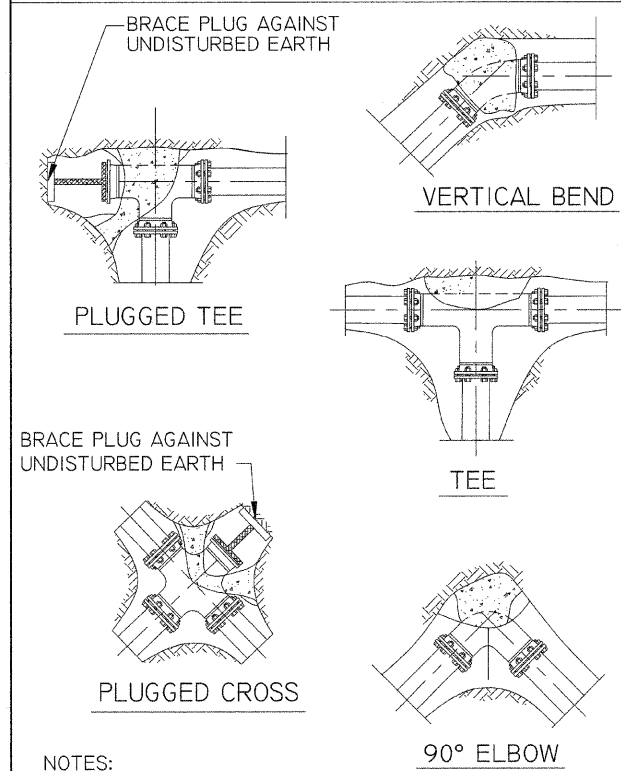
NOTE:
ALL CONNECTIONS ARE FLARE TYPE CONFORMING TO AWWA/ANSI C800

Each water service pipe shall be connected to the water main through a brass corporation stop. The main shall be tapped at an angle of 45 degrees with the vertical, and the stop must be turned so that the T-handle will be on the top. Any damage, tears, cuts, etc. of the polyethylene wrap shall be repaired after tapping and prior to backfilling.

WATER SERVICE CONNECTION		
DATE	CITY OF MOLINE STANDARD	#24
12/05		

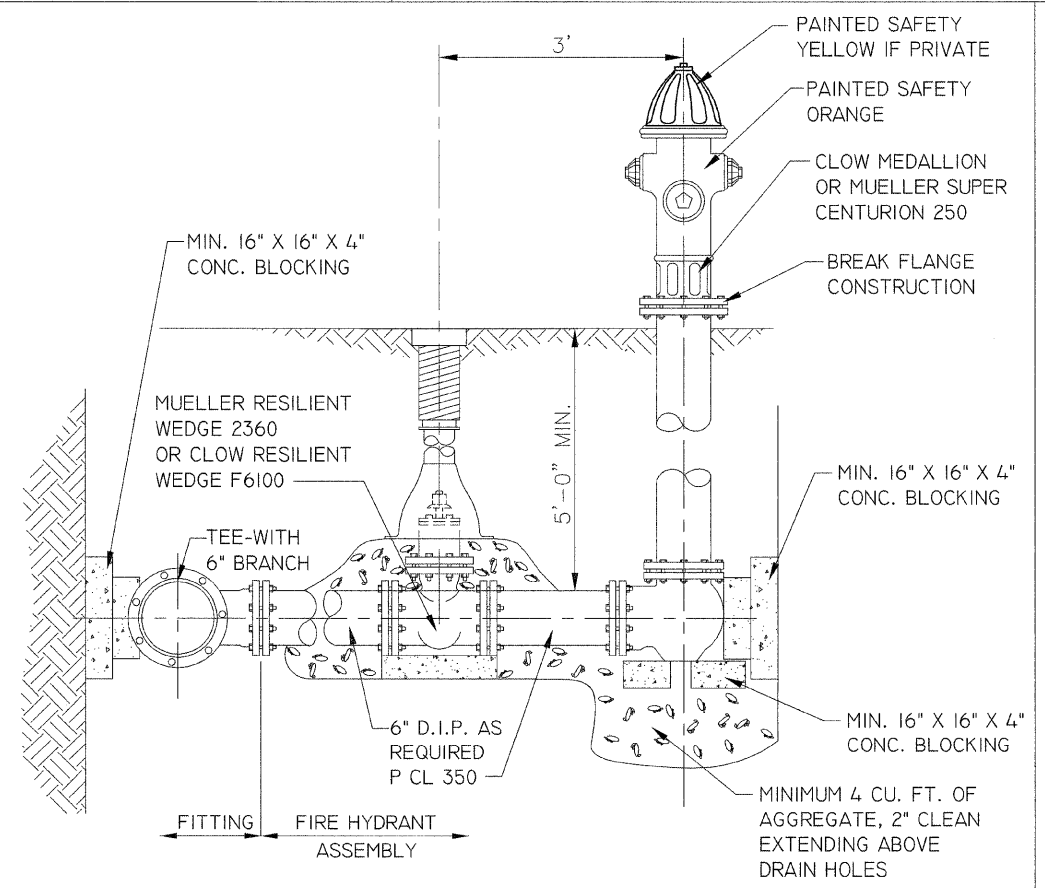


CURB BOX AND SLEEVE		
DATE	CITY OF MOLINE STANDARD	#25
10/95		



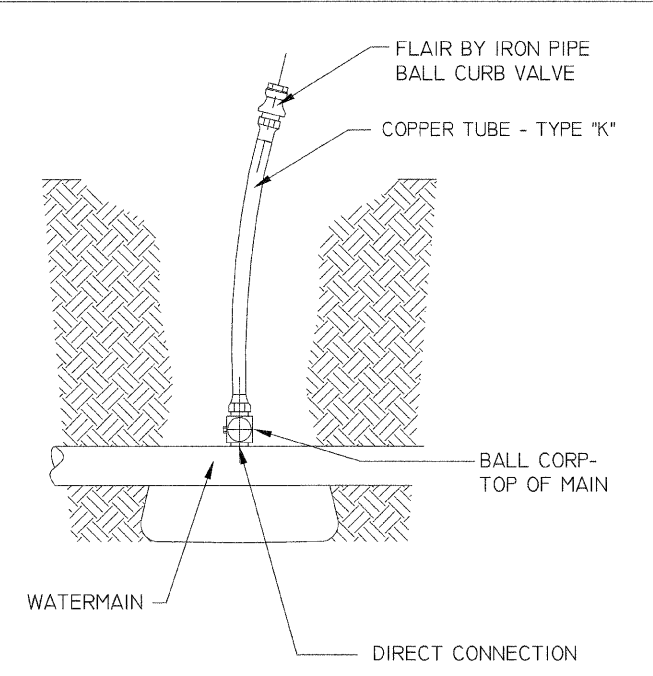
NOTES:
ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH.
ARROWS INDICATE DIRECTION OF THRUST.
ALL BLOCKS TO BE 3500 P.S.I. CONCRETE.
ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

THRUST BLOCK INSTALLATIONS		
DATE	CITY OF MOLINE STANDARD	#26
2/96		

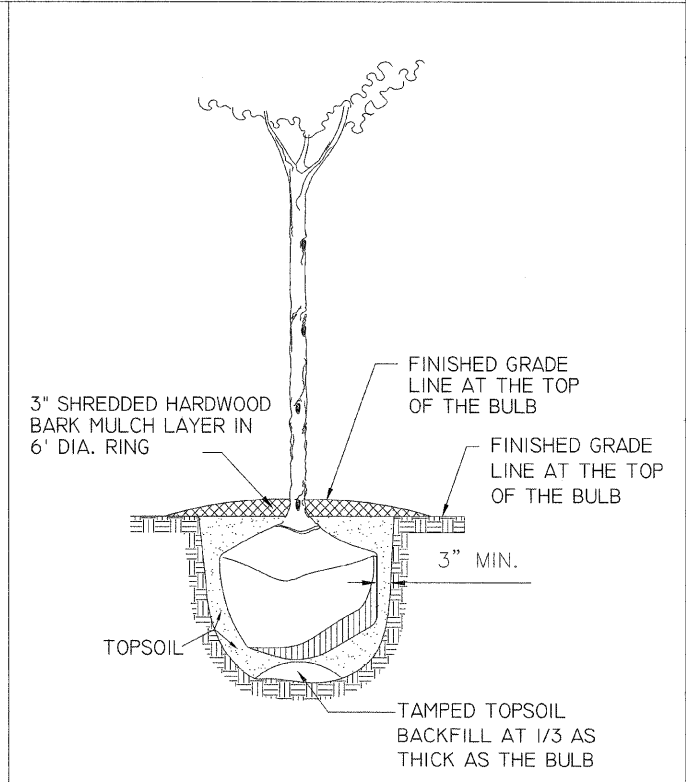


NOTE:
HYDRANT CONNECTIONS SHALL BE MADE WITH MJ FIELD LOK JOINTS.

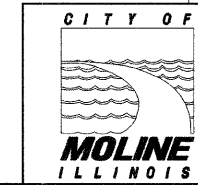
FIRE HYDRANT ASSEMBLY		
DATE	CITY OF MOLINE STANDARD	#27
12/05		



STANDARD TESTING CONNECTION		
DATE	CITY OF MOLINE STANDARD	#28
2/09		



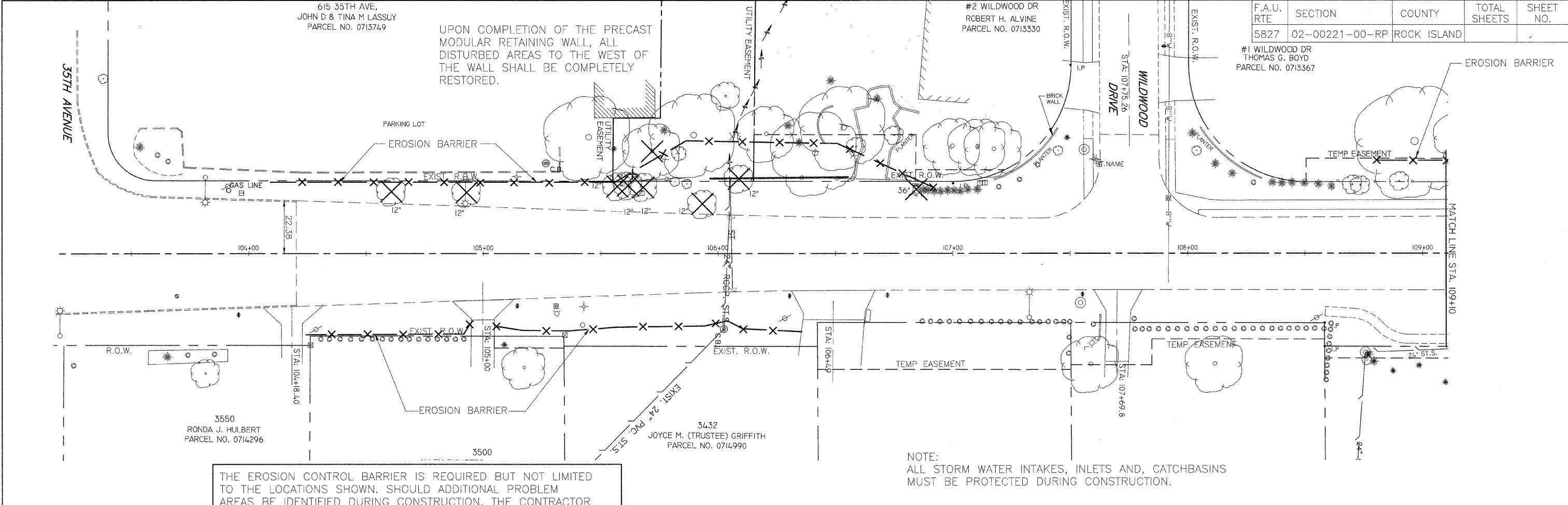
TREE PLANTING DETAIL



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3635 4TH AVENUE, MOLINE, IL 61265
7TH STREET RECONSTRUCTION & WIDENING
33RD AVE TO SOUTH OF WILDWOOD DRIVE
DETAILS

DESIGNED: MEF
DRAWN: MEF

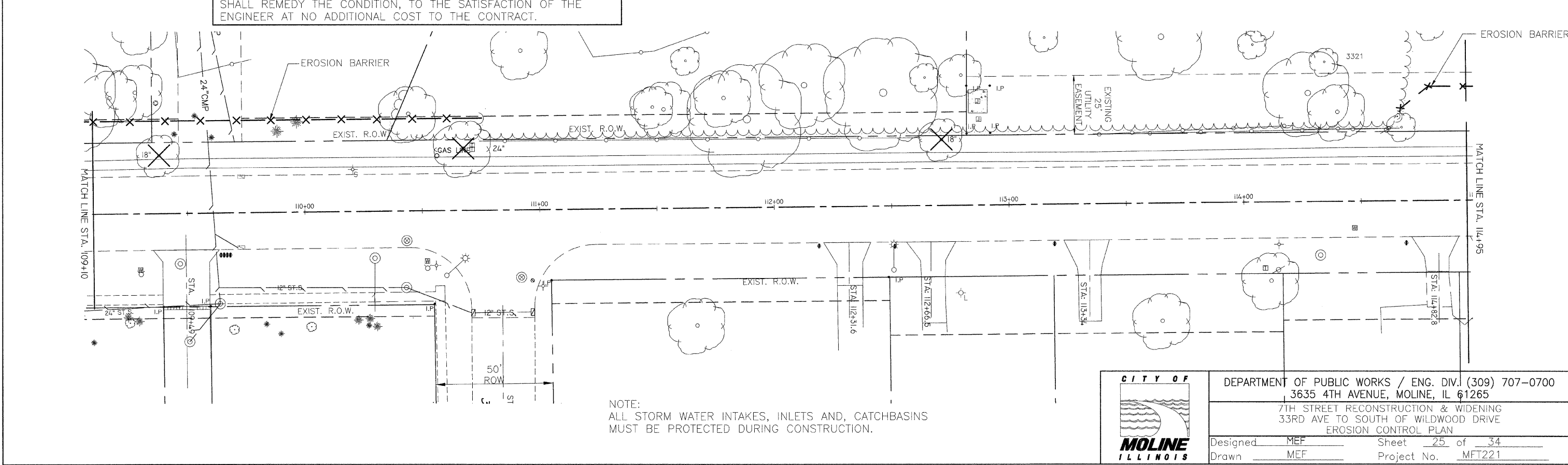
SHEET 24 OF 34
PROJECT No. MFT221



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THE EROSION CONTROL BARRIER IS REQUIRED BUT NOT LIMITED TO THE LOCATIONS SHOWN. SHOULD ADDITIONAL PROBLEM AREAS BE IDENTIFIED DURING CONSTRUCTION, THE CONTRACTOR SHALL REMEDY THE CONDITION, TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

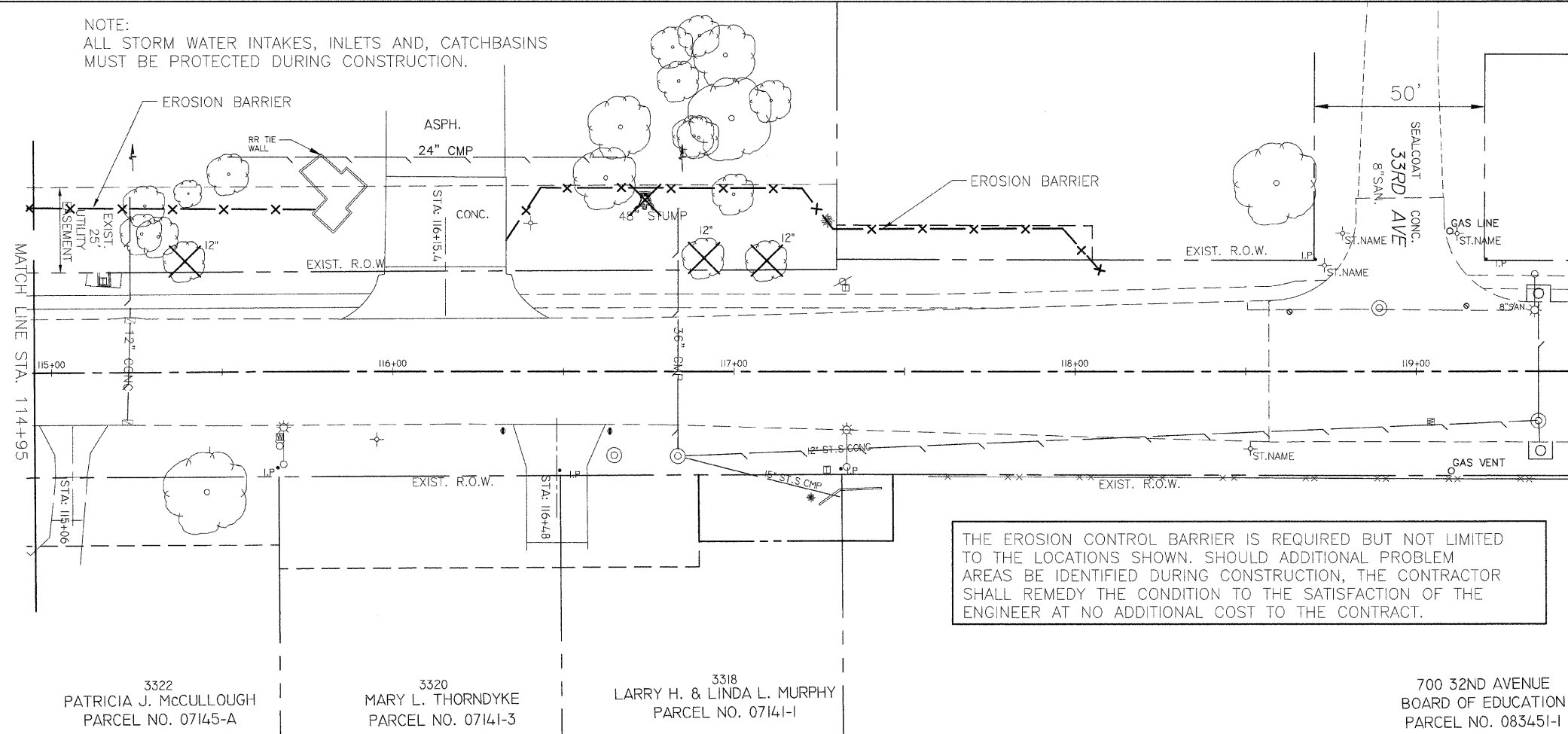
NOTE:
ALL STORM WATER INTAKES, INLETS AND, CATCHBASINS MUST BE PROTECTED DURING CONSTRUCTION.



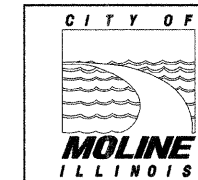
CITY OF MOLINE ILLINOIS		DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700 3635 4TH AVENUE, MOLINE, IL 61265 7TH STREET RECONSTRUCTION & WIDENING 33RD AVE TO SOUTH OF WILDWOOD DRIVE EROSION CONTROL PLAN
Designed <u>MEF</u> Drawn <u>MEF</u>	Sheet <u>25</u> of <u>34</u> Project No. <u>MFT221</u>	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND

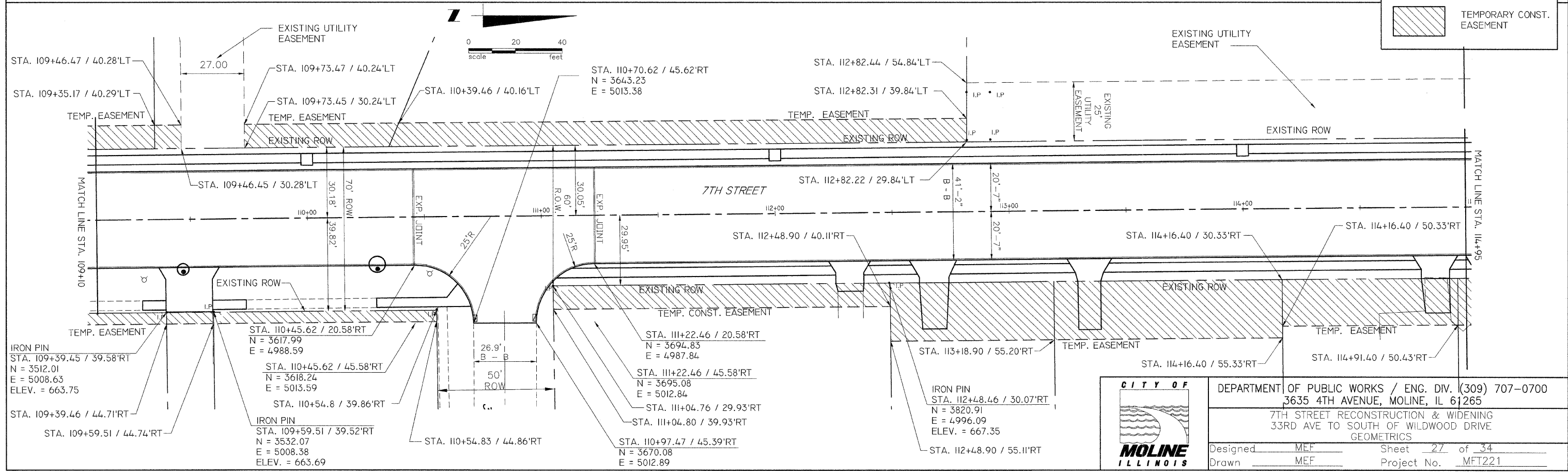
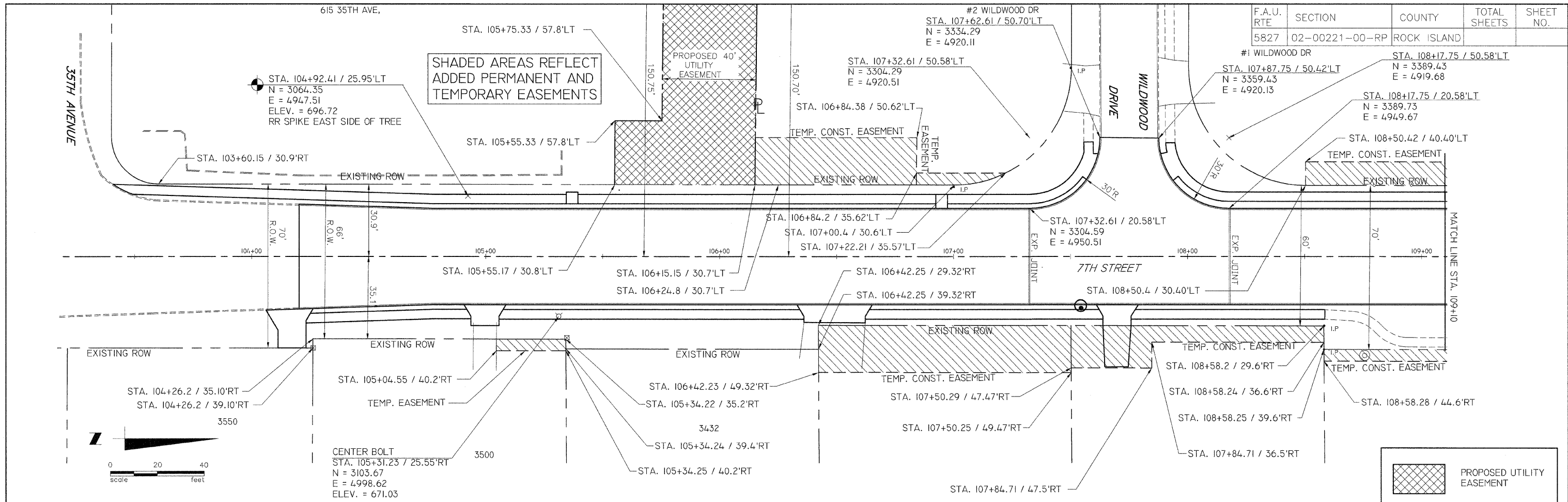
NOTE:
ALL STORM WATER INTAKES, INLETS AND, CATCHBASINS
MUST BE PROTECTED DURING CONSTRUCTION.



THE EROSION CONTROL BARRIER IS REQUIRED BUT NOT LIMITED TO THE LOCATIONS SHOWN. SHOULD ADDITIONAL PROBLEM AREAS BE IDENTIFIED DURING CONSTRUCTION, THE CONTRACTOR SHALL REMEDY THE CONDITION TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.



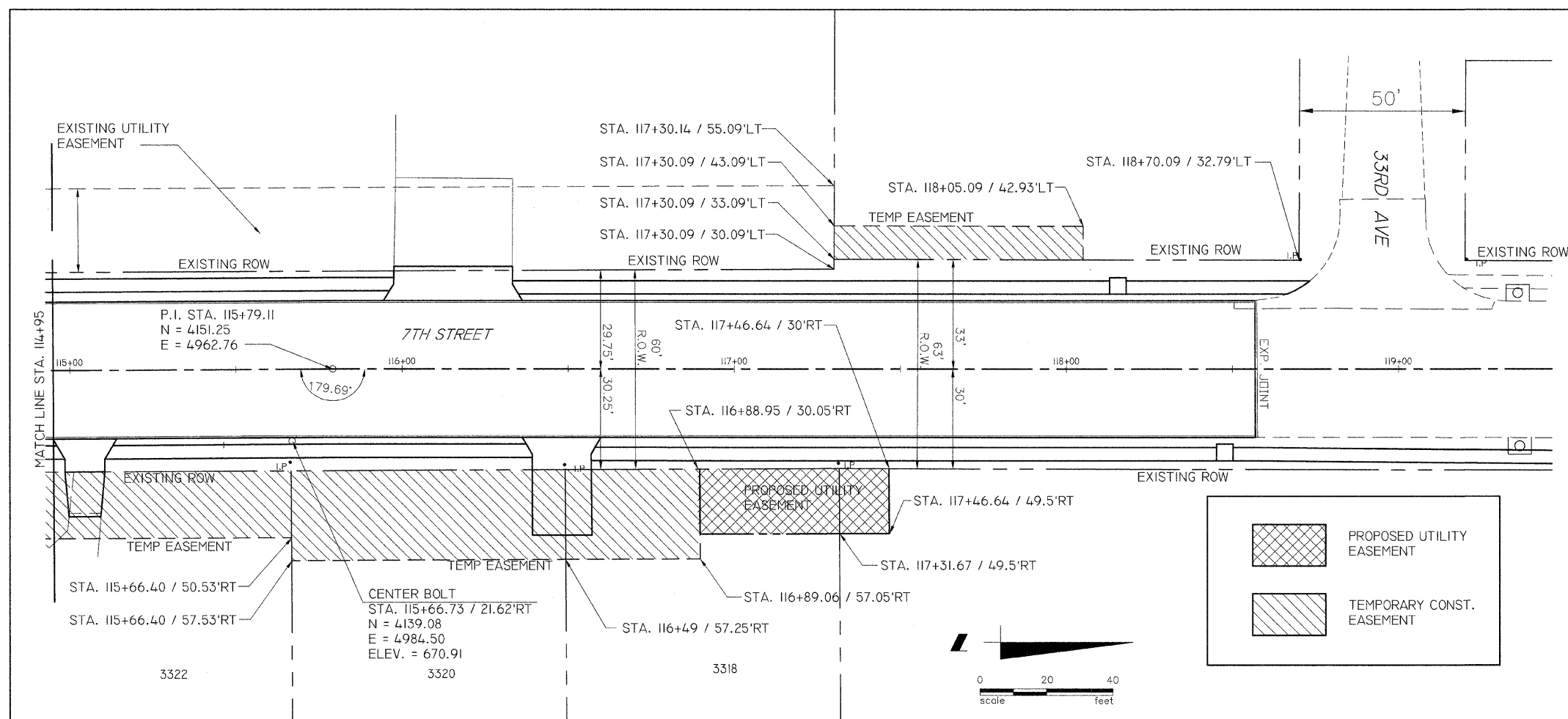
DEPARTMENT OF PUBLIC WORKS / ENG. DIV. (309) 707-0700
3635 4TH AVENUE, MOLINE, IL 61265
7TH STREET RECONSTRUCTION & WIDENING
33RD AVE TO SOUTH OF WILDWOOD DRIVE
EROSION CONTROL PLAN
Designed MEF Sheet 26 of 34
Drawn MEF Project No. MFT221



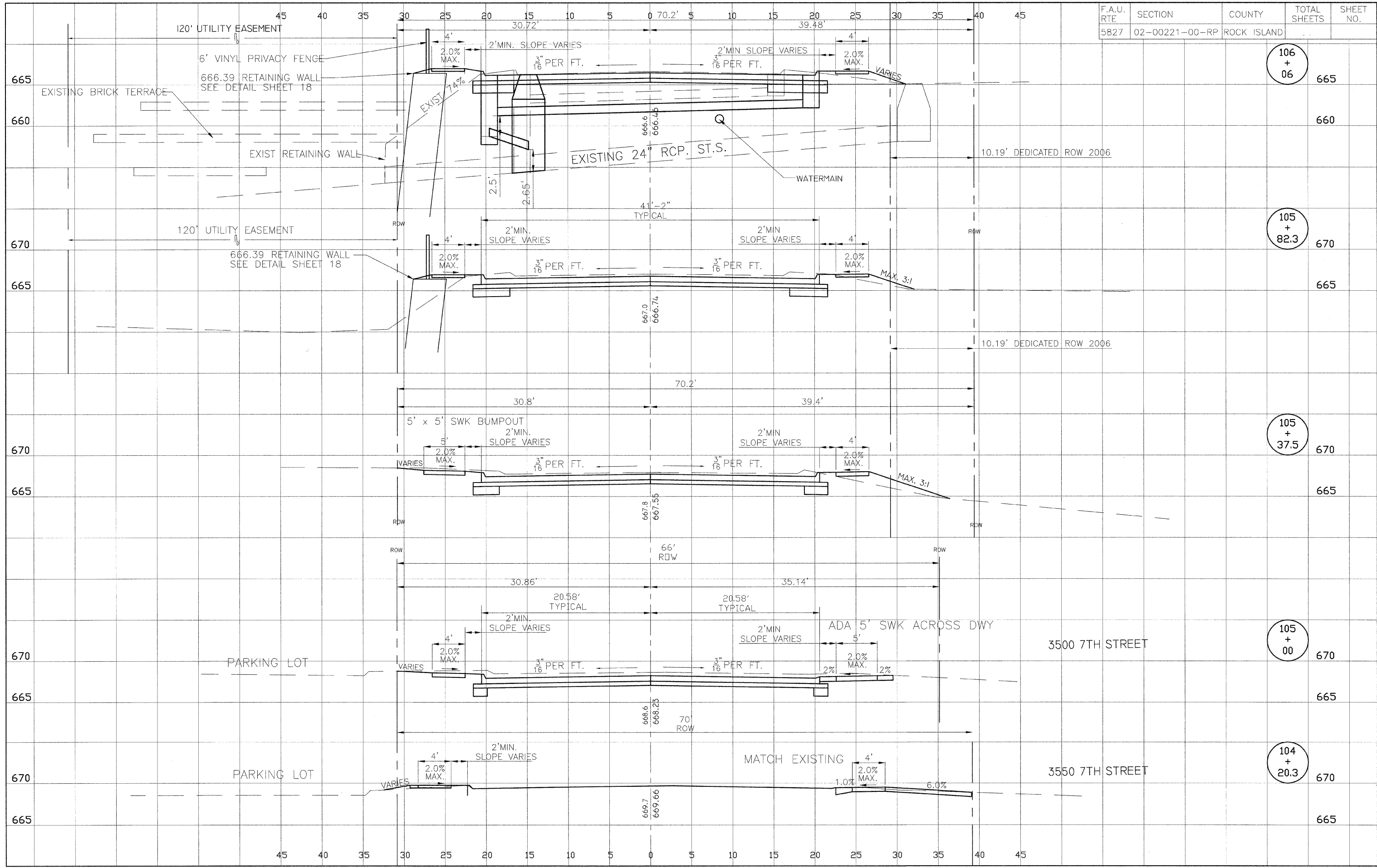
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	7TH STREET RECONSTRUCTION & WIDENING 33RD AVE TO SOUTH OF WILDWOOD DRIVE GEOMETRICS	
Designed	MEF	Sheet 27 of 34
Drawn	MEF	Project No. MFT221

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 3635 4TH AVENUE, MOLINE, IL 61265
 7TH STREET RECONSTRUCTION & WIDENING
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 GEOMETRICS
 Designed _____ MEF _____ Sheet 28 of 34
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F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

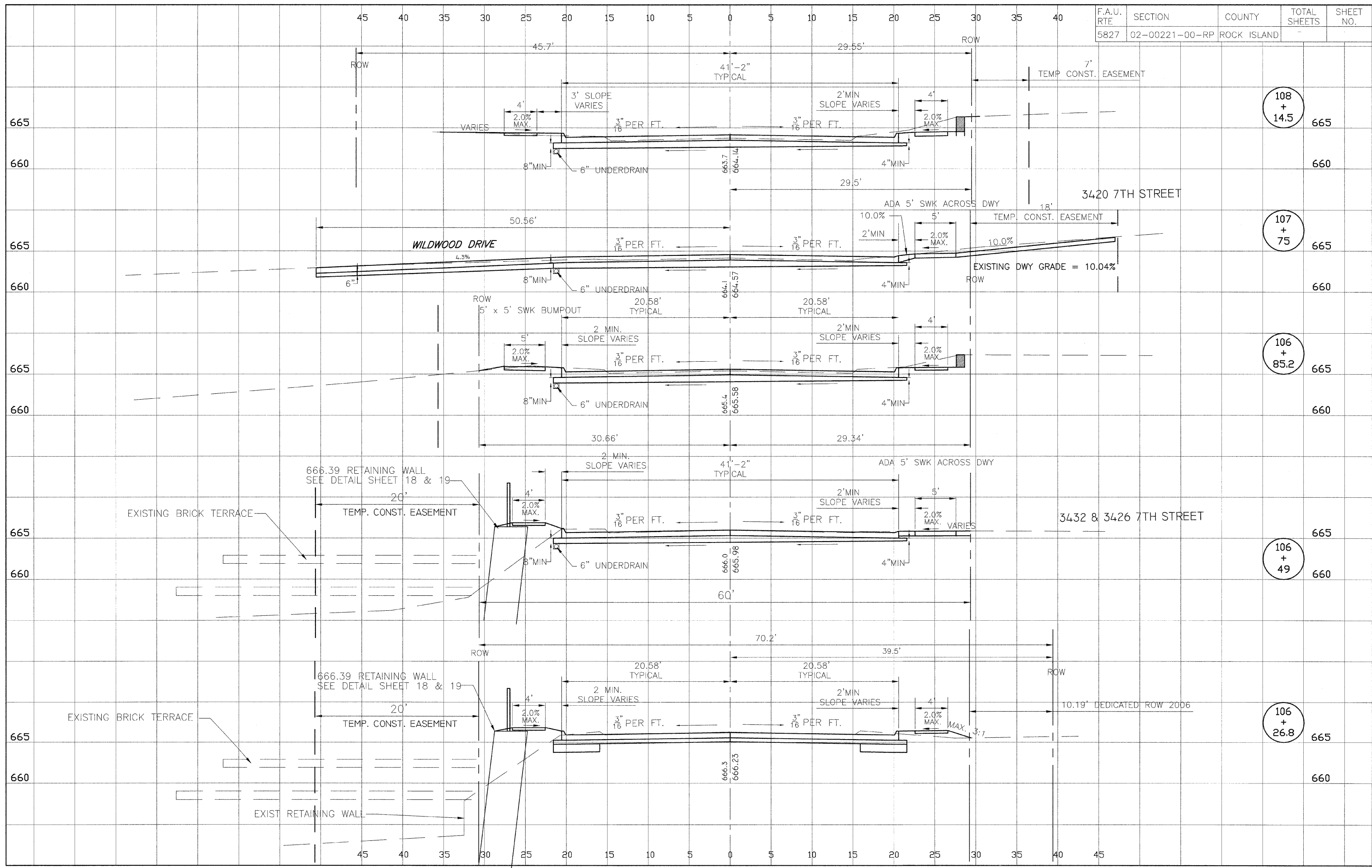
106 + 06

105 + 82.3

105 + 37.5

105 + 00

104 + 20.3



F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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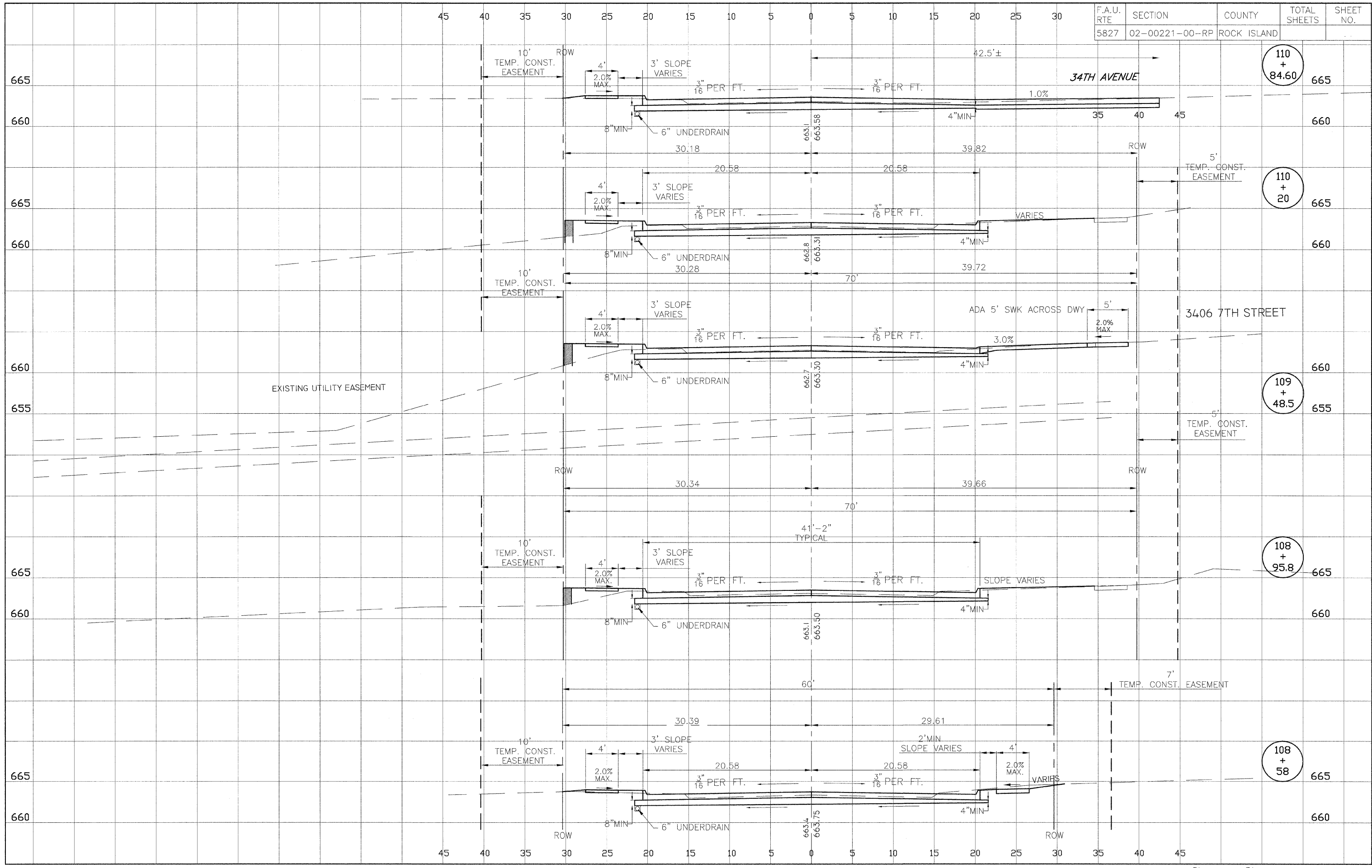
108 + 14.5

107 + 75

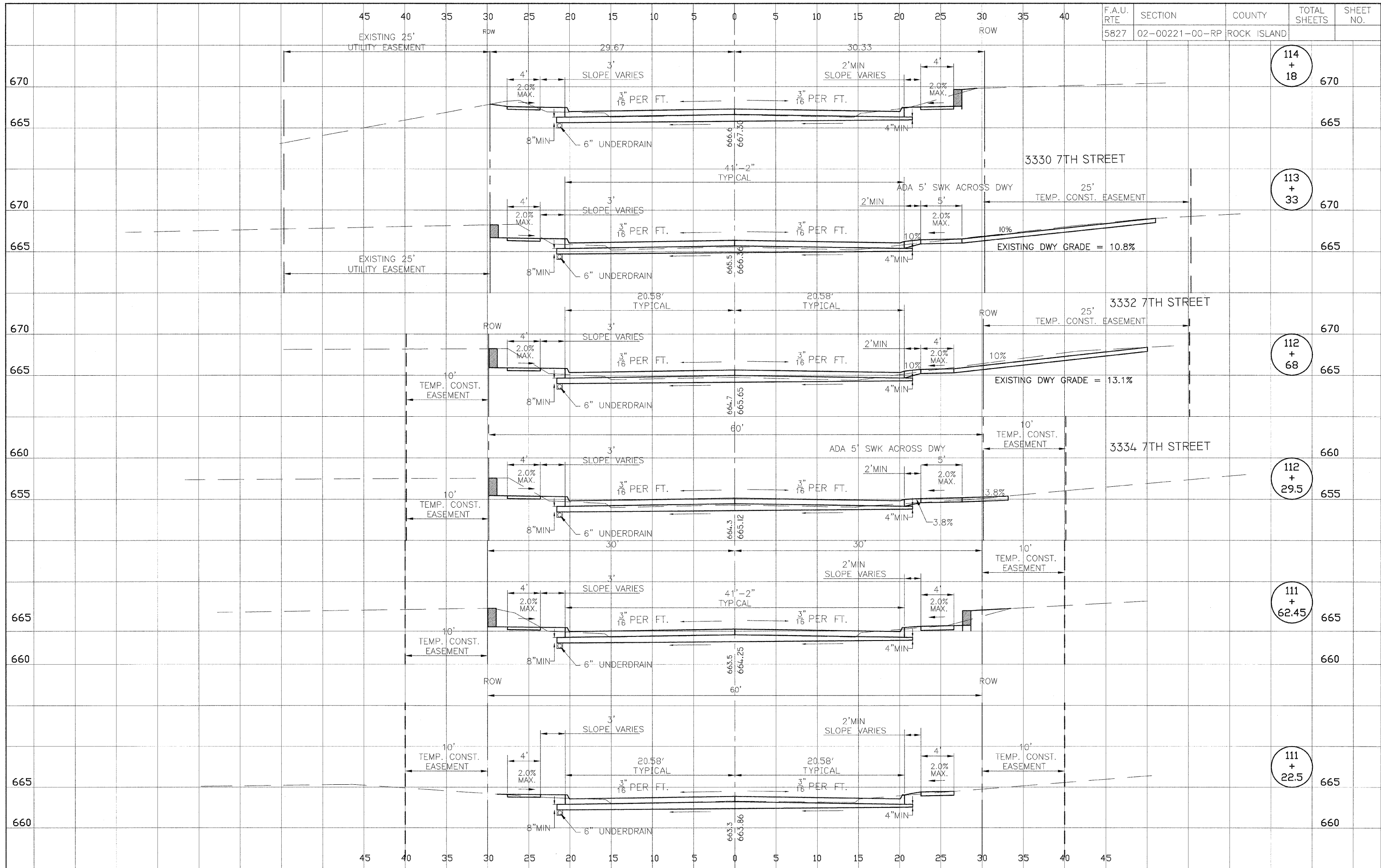
106 + 85.2

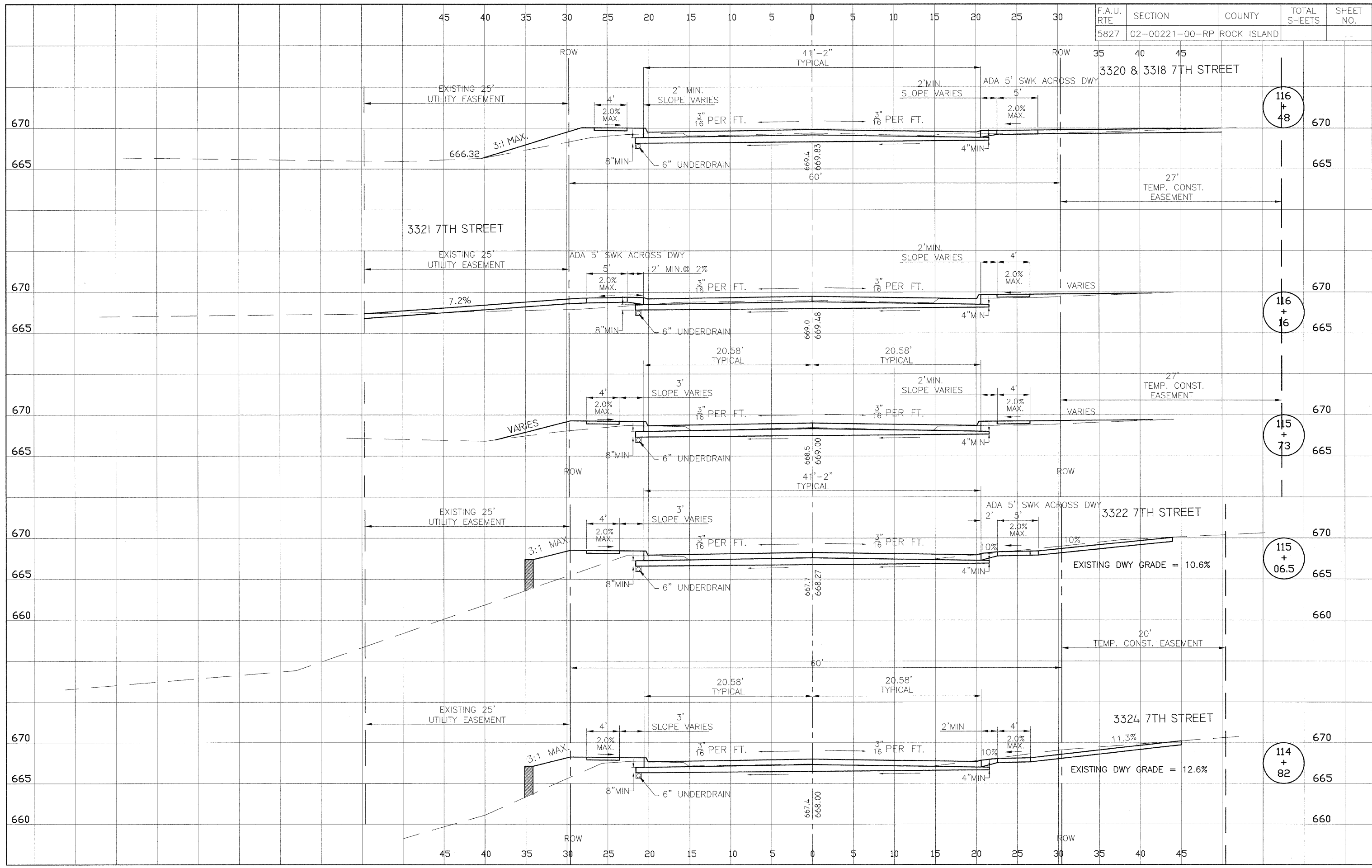
106 + 49

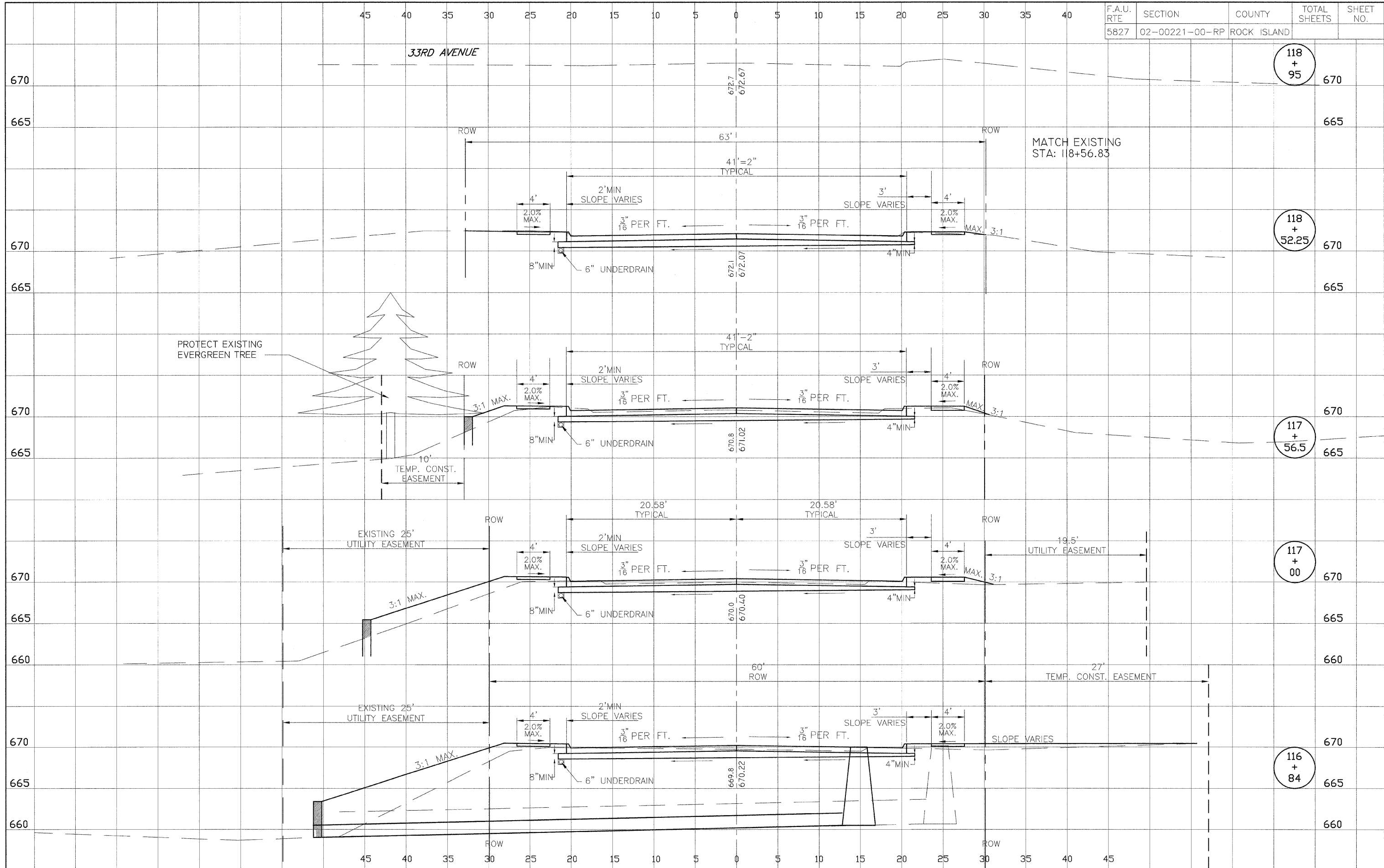
106 + 26.8



F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5827	02-00221-00-RP	ROCK ISLAND		

118 + 95

118 + 52.25

117 + 56.5

117 + 00

116 + 84