

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CITY OF COLUMBIA

# PLANS FOR PROPOSED

F.A.U. ROUTE 9303  
RUECK STREET - PHASE 4  
SECTION: 01-00032-05-PV  
PROJECT NO. M-5011(183)  
JOB NO. C-98-346-04  
MONROE COUNTY, IL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	1
STA.	TO STA.			
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
COVER SHEET AND LIST OF STANDARDS				
CONTRACT NO. 97250				

**INDEX OF SHEETS**

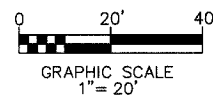
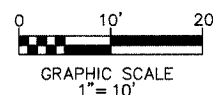
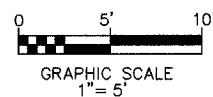
- 1 COVER SHEET & LIST OF STANDARDS
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**STANDARDS**

000001-04	604091-01
280001-02	606001-02
420001-05	701501-03
424001-03	701801-03
542301	702001-05
542606	780001-01
602301	BLR 10-4
602306	BLR 17-3
602401	BLR 21-6
602601	BLR 22-4
602701	BLR 25
604001-02	

**SCALE IN FEET**

PLAN	1" = 20'
PROFILE, HORIZ	1" = 20'
PROFILE, VERT	1" = 5'
CROSS SECTIONS, HORIZ	1" = 10'
CROSS SECTIONS, VERT	1" = 5'

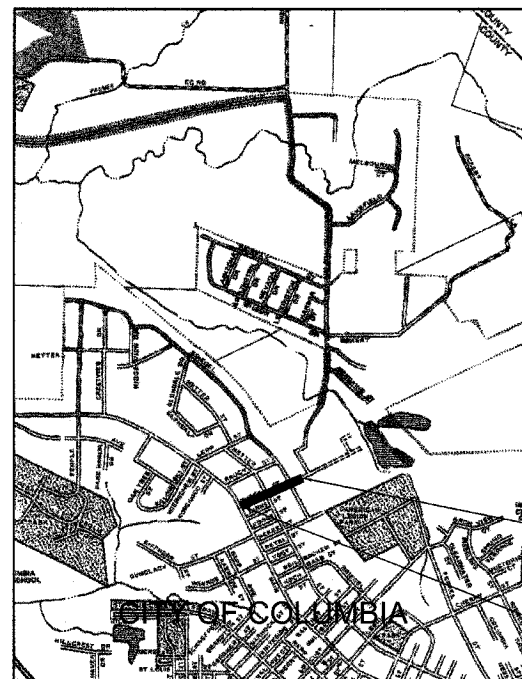


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS PHONE: 800-892-0123

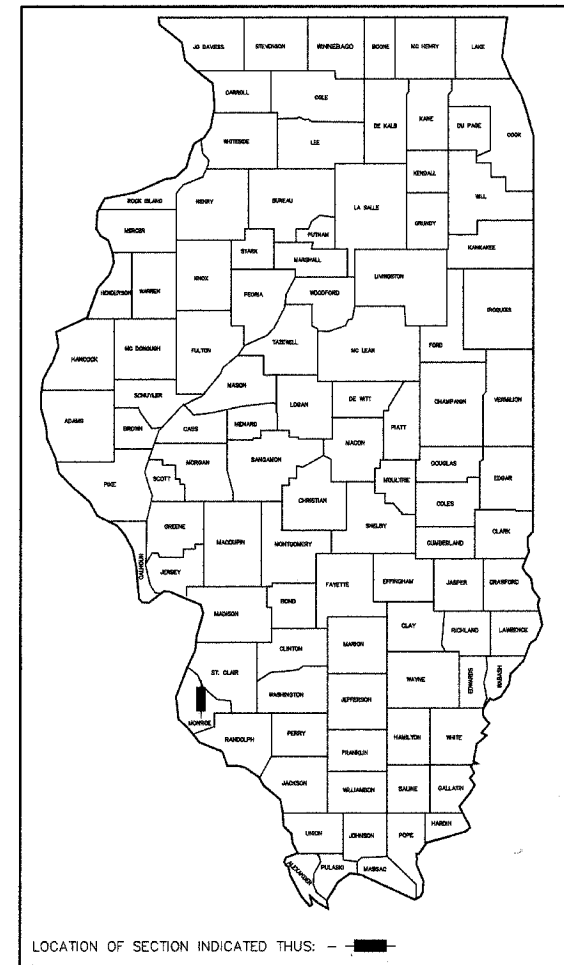
CONTRACT NO. 97250

ROADWAY CLASSIFICATION	= TS-2, URBAN COLLECTOR
DESIGN SPEED	= 30 M.P.H.
CURRENT TRAFFIC (2004)	= 2510 A.D.T.
PROJECTED TRAFFIC (2024)	= 3730 A.D.T.



**LOCATION MAP**  
SCALE 1" = 1200'

NET LENGTH OF SECTION = 879.39 FEET ( 0.167 MILES)



APPROVED APRIL 5, 2005  
*Lutz Schmidt*  
LOCAL AGENCY REPRESENTATIVE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PASSED April 15 2005  
*Jennifer Orentlicher*  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

APPROVED 4-15 2005  
*Mary C. Lamie*  
MARY C. LAMIE, P.E., DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER



*Alan J. Goepfert* 3/21/05  
ALAN J. GOEPFERT, P.E. NO. 62-52899 DATE



OATES ASSOCIATES

EXPIRES 11-30-05

## GENERAL NOTES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
GENERAL NOTES				
CONTRACT NO. 97250				

1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) HIGHWAY STANDARDS WITH THE REVISION NUMBER LISTED ON THE COVER SHEET OF THE PLANS SHALL APPLY TO THIS PROJECT.
2. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
  - 3. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 2 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
  - 4. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.
    - AMEREN IP (ELECTRIC)  
1050 WEST BOULEVARD  
BELLEVILLE, IL 62221  
(618) 234-3400
    - CHARTER COMMUNICATIONS (CABLE TV)  
317 WEST MAIN STREET  
BELLEVILLE, IL 62220  
(618) 277-2288
    - CITY OF COLUMBIA (WATER & SEWER)  
110 WEST SAND BANK ROAD  
COLUMBIA, IL 62236  
(618) 281-4264
    - HARRISONVILLE TELEPHONE CO. (TELEPHONE)  
213 SOUTH MAIN  
WATERLOO, IL 62298  
(618) 939-9256
5. THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.
6. THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A SECURE LOCATION AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT. SIGNS DAMAGED DURING REMOVAL AND STORAGE SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF THE TEMPORARY MAILBOX LOCATIONS.
8. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER.
9. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
11. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
13. ALL EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
14. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
15. WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER.
16. EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
17. PRIOR TO STARTING EARTHWORK OPERATIONS IN AREAS THAT DO NOT REQUIRE EXCAVATION, THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE SHALL BE SCARIFIED OR BROKEN BY MECHANICAL MEANS, REDUCING ALL PARTICLES TO A SIZE NOT LARGER THAN 4 INCHES IN THE LARGEST DIMENSION.

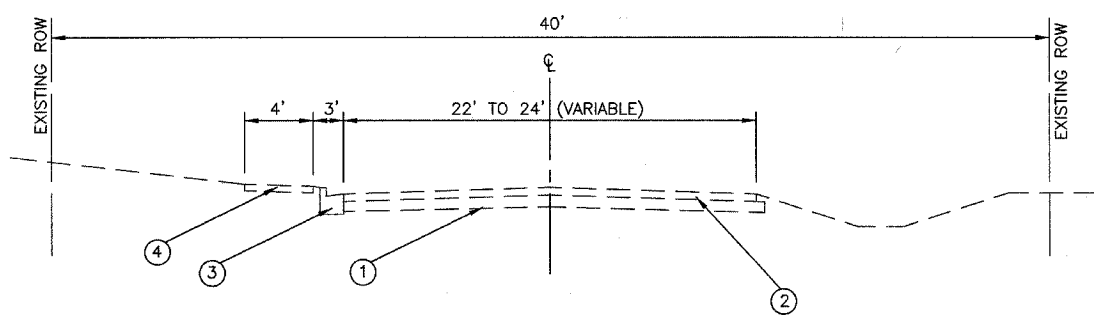
18. ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.
19. THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON COMPLETION OF THE SUBGRADE AND PRIOR TO THE LIME MODIFICATION PROCESS. THE LIME MODIFICATION MAY BE DELETED IF THE SUBGRADE IS FOUND NOT TO REQUIRE REMEDIAL PROCEDURES.
20. FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
21. ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE UNIT COST FOR EARTH EXCAVATION.
22. ALL STORM SEWER AND CULVERT PIPE TO BE REMOVED, WHICH THE ENGINEER DEEMS FIT FOR RE-USE, SHALL BE SALVAGED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 501.02 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE CONTRACTOR SHALL DISPOSE OF ALL OTHER STORM SEWER AND CULVERT PIPE IN ACCORDANCE WITH ARTICLE 202.03.
23. TRENCH BACKFILL IN ACCORDANCE WITH SECTION 208 WILL BE REQUIRED TO FILL THE VOIDS BENEATH THE ROADWAY RESULTING FROM THE REMOVAL OF EXISTING CULVERTS. THE COST FOR THE TRENCH BACKFILL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING CULVERTS.
24. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS IS THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM THE INNER WALL TO THE INNER WALL OF THE STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.08 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
25. THE OFFSETS TO ALL AREA INLETS, MANHOLES, AND INLETS IN CURBED ROADWAYS ARE GIVEN TO THE CENTER OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
26. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
27. ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE VARIOUS DRAINAGE STRUCTURE ITEMS IN THE CONTRACT.
28. SEE THE SPECIAL PROVISIONS FOR OTHER INCIDENTAL CONSTRUCTION ITEMS AND OPERATIONS WHICH ARE TO BE INCLUDED WITH AND PAID FOR UNDER CERTAIN SPECIFICATION PAY ITEMS.
29. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SCHEDULE OF PRICES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ADJUSTING SANITARY SEWERS, 8-INCH		
DIAMETER OR LESS	50	FOOT
PIPE DRAINS 4"	100	FOOT
PIPE DRAINS 6"	100	FOOT
AGGREGATE FOR TEMPORARY ACCESS	100	TON

30. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

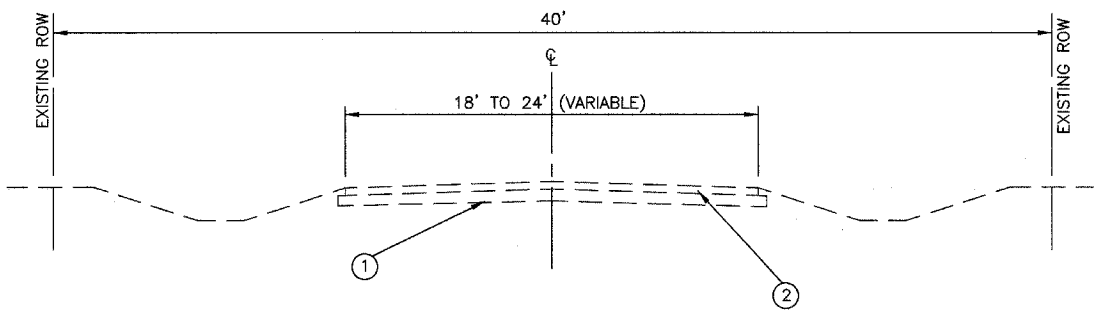
FLARED END SECTION	
AD	ALGEBRAIC DIFFERENCE IN GRADE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONST	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
K	LENGTH OF VERTICAL CURVE PER % GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TG	TOP OF GRATE
TYP	TYPICAL
W	WIDTH

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



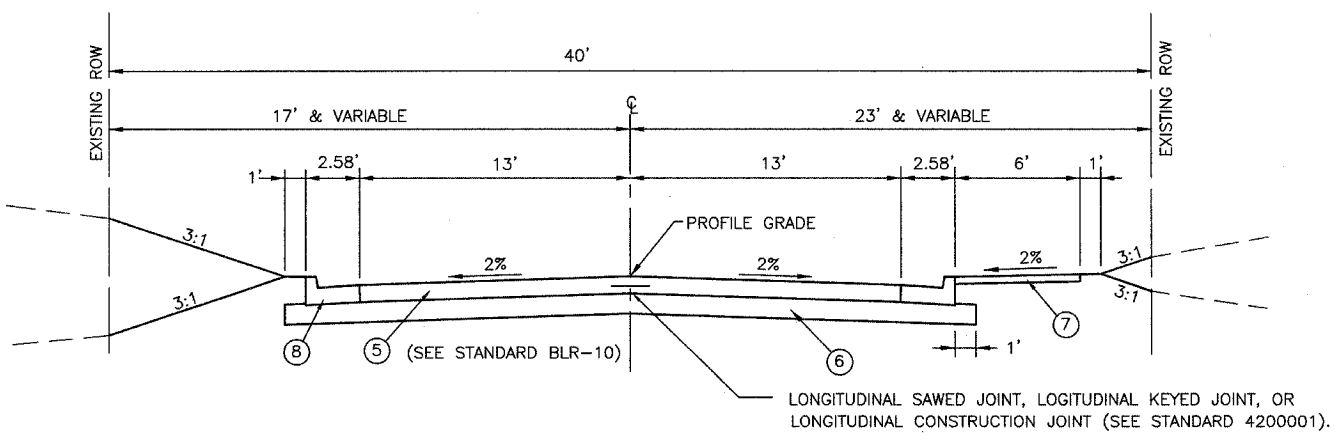
**EXISTING TYPICAL SECTION**

STA. 93+64 TO 95+15  
(NOT TO SCALE)



**EXISTING TYPICAL SECTION**

STA. 88+50.61 TO STA. 93+64  
 STA. 95+15 TO STA. 97+30  
(NOT TO SCALE)



**PROPOSED TYPICAL SECTION**

STA. 88+50.61 TO STA. 97+30.00  
(NOT TO SCALE)

NOTE:  
 SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES. SEE PLAN AND PROFILE SHEETS FOR VARIABLE PROPOSED R.O.W. WIDTHS

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

**LEGEND**

- ① EXISTING AGGREGATE BASE COURSE
- ② EXISTING BITUMINOUS SURFACE TREATMENT
- ③ EXISTING CURB & GUTTER
- ④ EXISTING CONCRETE SIDEWALK
- ⑤ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 7"
- ⑥ PROPOSED MODIFIED SOILS, 12"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (TYP)

**MIXTURE REQUIREMENTS SUPERPAVE PROJECT**

20 YR ESAL'S	
MIXTURE USE	INCIDENTAL BIT SURF SUPER
AC/PG	PG 64-22
RAP% (MAX)	15%
DESIGN AIR VOIDS	4.0% @ NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	
FRICITION AGG	MIXTURE C

**STRUCTURAL DESIGN DATA**

STRUCTURAL DESIGN TRAFFIC: Year 2024

PV = 97% SU = 2% MU = 1%

ROAD/STREET CLASSIFICATION: Class II

PERCENTAGE OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 50% S = 50% M = 50%

TRAFFIC FACTOR: Actual TF = 0.19  
 Minimum TF = 0.5

SUBGRADE SUPPORT RATING  
 SSR = Poor

THEREFORE USE: SINCE QUANTITY < 3,000 S.Y., MATCH EXISTING PAVEMENT SECTIONS.  
 7" NON-REINFORCED P.C.C. PAVEMENT WITH 12.5' MAX. TRANSVERSE JOINT SPACING

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	29
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	22
20200100	EARTH EXCAVATION	CU YD	1,372
20800150	TRENCH BACKFILL	CU YD	364
25000115	SEEDING, CLASS 1B	ACRE	0.15
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	15
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	15
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	15
25100115	MULCH, METHOD 2	ACRE	0.57
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	42
28000300	TEMPORARY DITCH CHECKS	EACH	2
28000500	INLET AND PIPE PROTECTION	EACH	14
28100105	STONE RIPRAP, CLASS A3	SQ YD	7
28200200	FILTER FABRIC	SQ YD	7
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	3,915
30201500	LIME	TON	76
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	202
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	225
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	84
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	2,959
42001300	PROTECTIVE COAT	SQ YD	3,525
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	186
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3,826
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	479
44000100	PAVEMENT REMOVAL	SQ YD	212
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	411
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	407
44000600	SIDEWALK REMOVAL	SQ FT	1,552
54213683	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	35
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	183
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	408
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	89
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	66
55100300	STORM SEWER REMOVAL 8"	FOOT	140
55100400	STORM SEWER REMOVAL 10"	FOOT	163
56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	50
60100905	PIPE DRAINS 4"	FOOT	100
60100915	PIPE DRAINS 6"	FOOT	100
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4
60255500	MANHOLES TO BE ADJUSTED	EACH	4
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1
60500060	REMOVING INLETS	EACH	4
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,974
61140200	STORM SEWERS, SPECIAL 12"	FOOT	50
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	131
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	509
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	145
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	25
XX004949	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE	TON	73
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	100
Z0012450	CONCRETE STEPS	CU YD	1.0
Z0022800	FENCE REMOVAL	FOOT	23

\* DENOTES SPECIALTY ITEMS

### SURVEY TIE POINT SCHEDULE

CONTROL POINT NO.	STATION	DISTANCE, OFFSET	DESCRIPTION	NORTHING	EASTING	ELEVATION
<b>RUECK STREET</b>						
CP-62	87+99.84	17.55, RT	PK-NAIL	6,526.3866	8,923.8644	493.99
CP-70	91+93.58	19.61, RT	NAIL	6,702.7430	9,271.7535	493.60
CP-61	92+31.35	10.07, LT	IRON BAR	6,746.2692	9,292.0073	492.99
CP-71	93+81.79	24.70, RT	NAIL	6,782.0842	9,442.2033	488.98
CP-60	95+17.37	24.01, RT	IRON BAR	6,843.0474	9,563.3143	484.48
CP-65	97+24.52	12.40, LT	IRON BAR	6,976.6830	9,722.8123	478.01

### CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	PROTECTIVE COAT	COMB CC&G TB6.24
			42001300 (SQ YD)	60605000 (FOOT)
<b>RUECK STREET</b>				
88+51	92+10	LT	108	378
88+51	92+10	RT	141	493
92+10	95+29	LT	102	355
92+10	95+29	RT	96	335
95+29	97+30	LT	55	191
95+29	97+30	RT	64	222
<b>TOTAL</b>			<b>566</b>	<b>1,974</b>

### EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		20200100 (CU YD)	(NOTE 1) (CU YD)	(NOTE 2) (CU YD)	(NOTE 3) (CU YD)
<b>RUECK STREET</b>					
88+50.61	92+09.95	742	557	2	555
92+09.95	95+28.92	304	228	10	218
95+28.92	97+30.00	326	245	4	241
<b>TOTAL</b>		<b>1372</b>	<b>1030</b>	<b>16</b>	<b>1014</b>

**EARTHWORK NOTES:**

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

### PAVEMENT SCHEDULE

STATION	STATION	PROCESSING MOD SOIL 12	LIME	AGG BASE CSE A 8	PCC PVT 7	PROTECTIVE COAT	INCID BIT SUR SUPER
		30200650 (SQ YD)	(NOTE 1) 30201500 (TON)	35100700 (SQ YD)	42000200 (SQ YD)	42001300 (SQ YD)	XX004949 (TON)
<b>RUECK STREET</b>							
88+50.61	92+09.95	1587	31	58	1222	1222	10
92+09.95	95+28.92	1453	28	111	1080	1080	19
95+28.92	97+30.00	875	17	56	657	657	9
<b>TOTAL</b>		<b>3915</b>	<b>76</b>	<b>225</b>	<b>2959</b>	<b>2959</b>	<b>38</b>

**PAVEMENT NOTES:**

- LIME QUANTITY IS CALCULATED USING AN ASSUMED RATE OF 38.5 LB / SQ YD. THE ACTUAL LIME APPLICATION RATE WILL BE DETERMINED BY THE ENGINEER AND WILL BE BASED ON TESTS OF LIME AND SOIL SAMPLES PROVIDED BY THE CONTRACTOR.
- INCIDENTAL BITUMINOUS SURFACING QUANTITY IS CALCULATED AT A RATE OF 224 LB / SQ YD. BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) ARE REQUIRED BUT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST FOR BITUMINOUS MATERIALS AND AGGREGATE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL BITUMINOUS SURFACING. THE PROPOSED INCIDENTAL BITUMINOUS SURFACING THICKNESS IS 3". SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY.

### PAVEMENT MARKING SCHEDULE

STATION	STATION	OFFSET	TYPE	PAINT PVT MK LINE 4	PAINT PVT MK LINE 6	PAINT PVT MK LINE 12	REMARKS
				78001110 (FOOT)	78001130 (FOOT)	78001150 (FOOT)	
<b>RUECK STREET</b>							
88+51	97+30	-	CROSS WALK		145		WHITE
96+55	97+30	-	STOP BAR			25	WHITE
88+64	95+63	CENTER	CENTERLINE	175			YELLOW SKIP DASH
95+63	97+30	CENTER	CENTERLINE	334			DOUBLE YELLOW
<b>TOTAL</b>				<b>509</b>	<b>145</b>	<b>25</b>	

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

### SIDEWALK SCHEDULE

STATION	STATION	OFFSET	WIDTH	PC CONC SIDEWALK 4	PC CONC SIDEWALK 6	CONCRETE STEPS
			(FOOT)	42400100 (SQ FT)	42400300 (SQ FT)	Z0012450 (CU YD)
<b>RUECK STREET</b>						
88+54	88+85	RT	6	171	55	
88+99	89+75	RT	6	369	60	
90+13	90+88	RT	6	393	29	
91+06	91+89	RT	6	432	30	
92+31	93+81	RT	6	803	61	
93+94	95+11	RT	6	601	61	
95+50	96+33	RT	6	428	31	
96+45	96+90	RT	6	229	30	
97+02	97+30	RT	6	136	30	
<b>SERVICE SIDEWALKS</b>						
88+54	88+59	LT	5	34	31	
88+52	88+58	RT	5	44	30	
	90+48	RT	4.5			0.5
	91+14	RT	3	13		
	91+24	LT	3	8		
92+30	92+57	LT	3	76		
	93+01	RT	3.5	4		
	94+34	RT	3			0.5
	94+62	LT	3	9		
95+11	95+15	LT	3.5	67	31	
	96+16	LT		9		
<b>TOTAL</b>				<b>3826</b>	<b>479</b>	<b>1.0</b>

**SIDEWALK NOTES:**

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED.
- SEE PLAN SHEETS FOR LOCATIONS AND TYPES.
- SEE HIGHWAY STANDARD 424001 FOR SIDEWALK RAMP DETAILS.

### SEEDING SCHEDULE

STATION	STATION	OFFSET	SEEDING CL 1B	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR	MULCH METHOD 2
			25000115 (ACRE)	25000400 (POUND)	25000500 (POUND)	25000600 (POUND)	25100115 (ACRE)
<b>RUECK STREET</b>							
88+59	91+99	LT	0.04	4	4	4	0.04
90+12	91+97	RT	0.02	2	2	2	0.02
92+24	95+11	LT	0.02	2	2	2	0.02
92+21	95+23	RT	0.03	3	3	3	0.03
95+40	97+31	LT	0.02	2	2	2	0.02
95+43	97+31	RT	0.02	2	2	2	0.02
<b>TOTAL</b>			<b>0.15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>0.15</b>

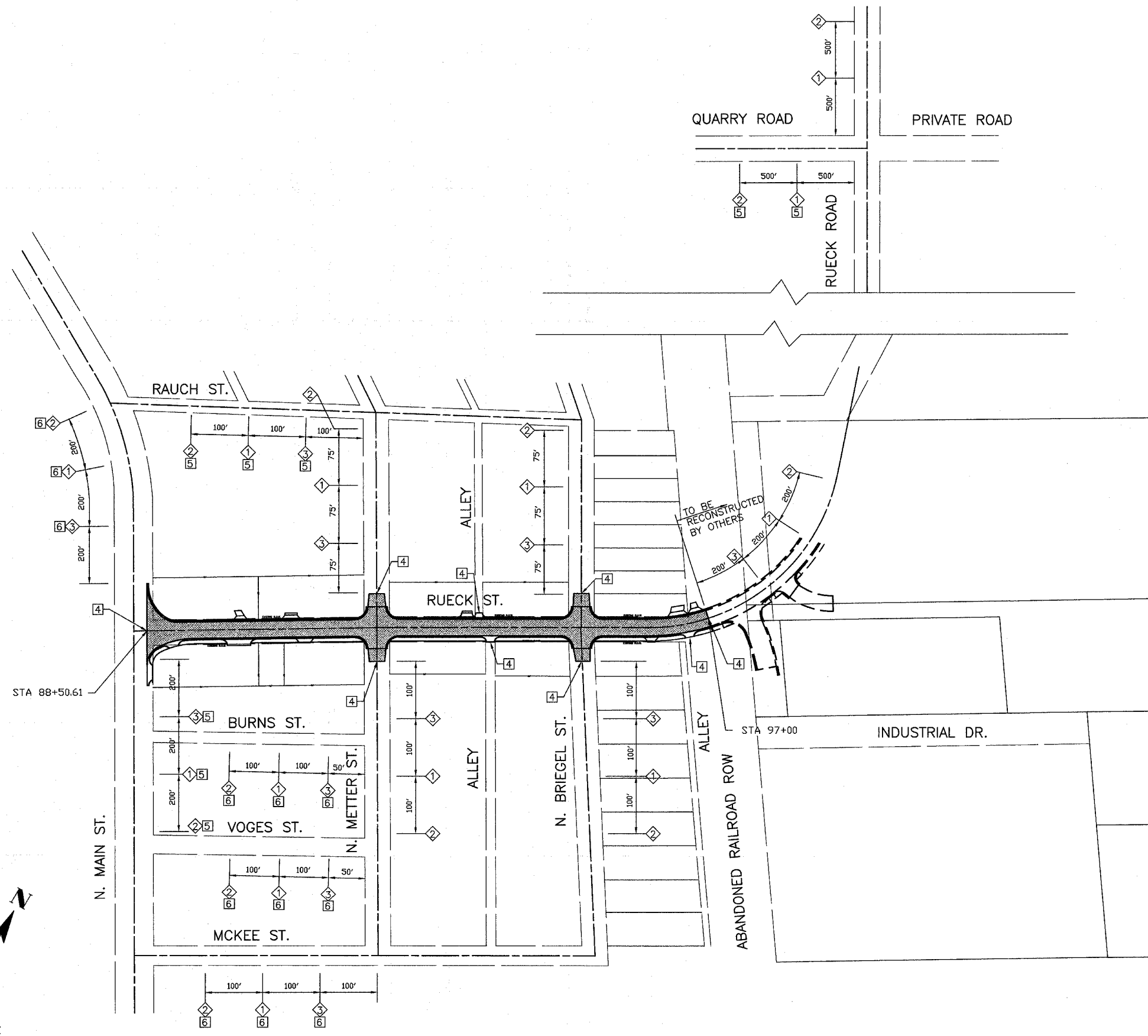
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	97-00032-03-PV	MONROE	23	5
STA. -		TO STA. -		
FED. ROAD DIST. NO. 8		ILLINOIS FED. AID PROJECT		
TRAFFIC CONTROL PLAN				
CONTRACT NO. 97250				

BY	DATE

FINAL SURVEY PLOTTED  
NOTE BOOK DATE  
AREAS CHECKED

BY	DATE

ORIGINAL SURVEY PLOTTED  
NOTE BOOK DATE  
AREAS CHECKED

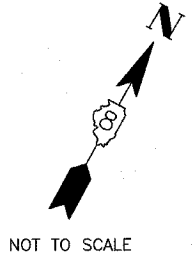


### LEGEND

- ROAD CLOSED AHEAD-W20-3(0)
- ROAD CONSTRUCTION AHEAD-W20-1(0)
- BARRICADE AHEAD
- TYPE III BARRICADES STAGGERED W/ R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC) SIGNS AND TYPE A LOW INTENSITY FLASHING LIGHTS
- 
- 
- TYPE A LOW INTENSITY FLASHING LIGHT
- WORK ZONE (TYP)
- 

### NOTES

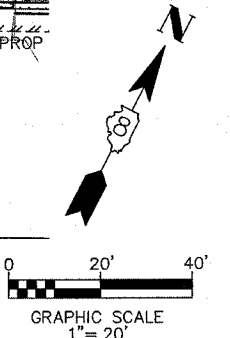
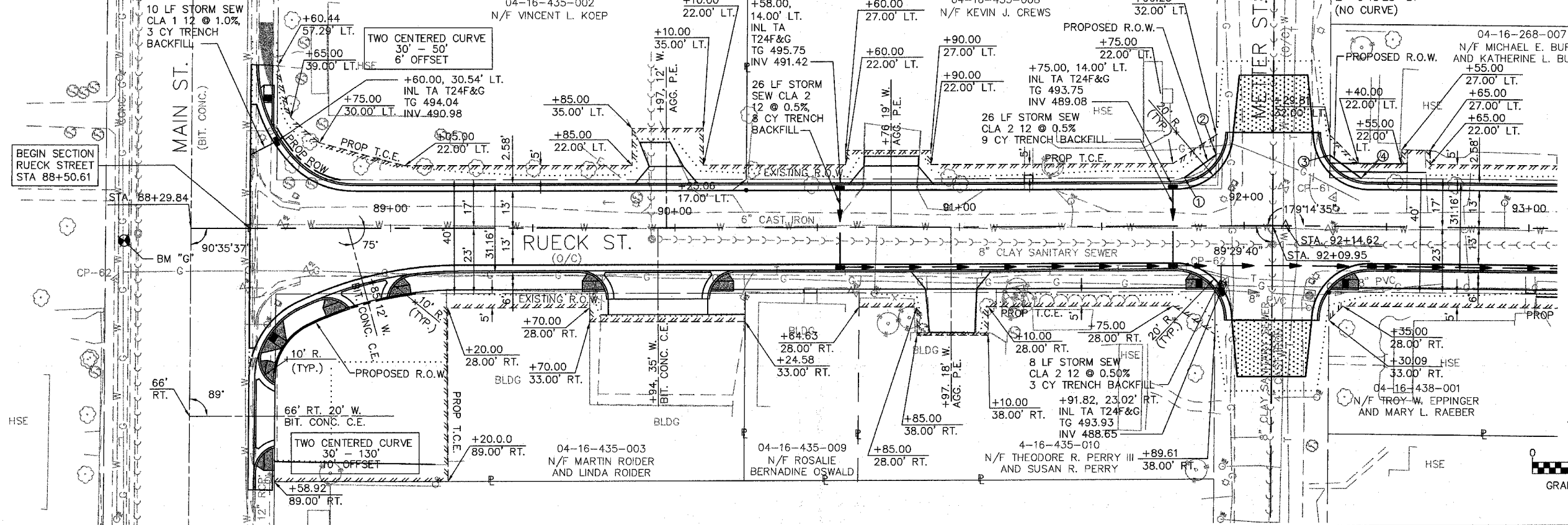
1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 702001 AND AS DIRECTED BY THE ENGINEER.
2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
5. LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
6. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE A LOW INTENSITY FLASHING LIGHT MOUNTED ON TOP OF EACH BARRICADE.
7. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
8. ALL RESIDENTS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
9. SEE HIGHWAY STANDARD 701501 FOR DAYTIME SINGLE LANE CLOSURES.





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	6
STA. 88+50.61		TO STA. 93+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
PLAN AND PROFILE		CONTRACT NO. 97250		

INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE 3" AGGREGATE BASE COURSE, TYPE A 8"



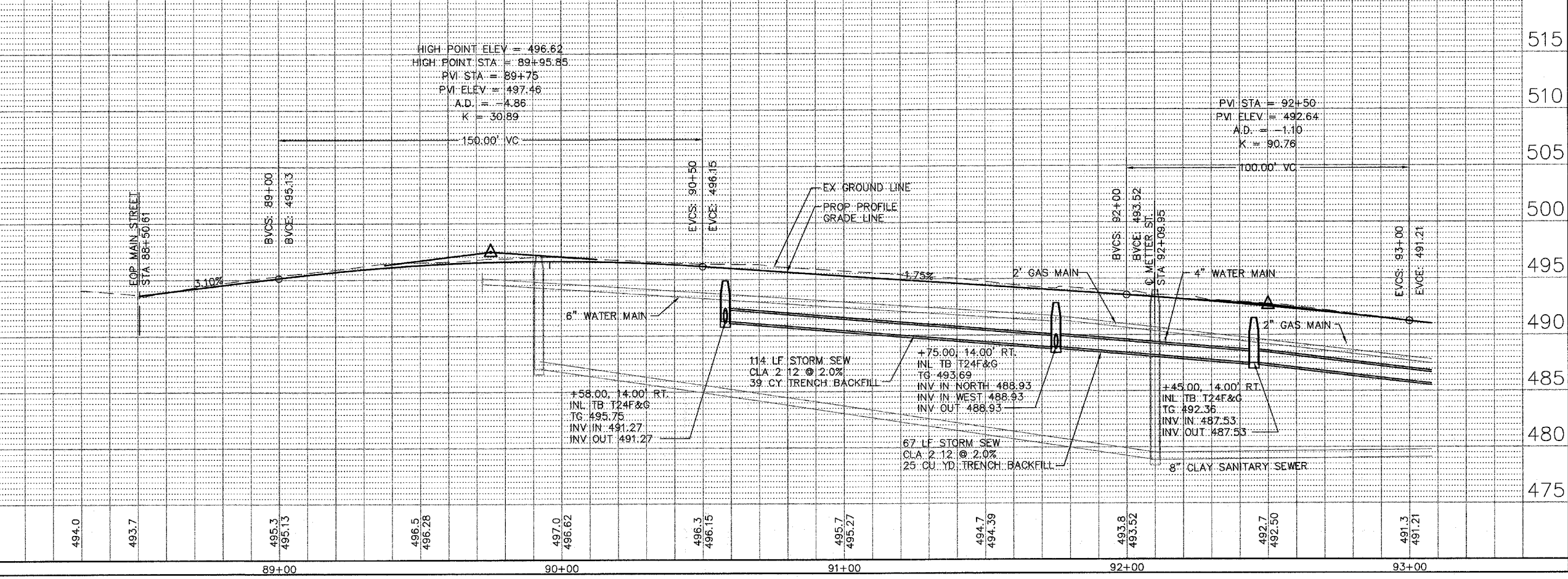
DATE	BY

DATE	BY

BM "G" CUT SQUARE ON WEST CURB OF MAIN STREET  
STA. 88+06.35, 4.19' RT  
ELEV. 494.12

**RIGHT-OF-WAY CONTROLS**

STATION	OFFSET	REMARKS
<b>MAIN ST. &amp; RUECK ST. (NORTHEASTERN QUAD)</b>		
PC	88+80.21 35.27' LT	WEST TERMINUS
PCC	88+88.34 24.31' LT	
PT	88+88.32 17.00' LT	EAST TERMINUS
R1 CENTER	89+01.14 57.15' LT	46.42' RADIUS
R2 CENTER	88+87.01 43.00' LT	28.42' RADIUS
<b>MAIN ST. &amp; RUECK ST. (SOUTHEASTERN QUAD)</b>		
PC	88+59.32 50.67' RT	WEST TERMINUS
PCC	88+70.99 34.17' RT	
PT	89+08.91 23.00' RT	EAST TERMINUS
R1 CENTER	88+80.11 53.00' RT	20.92' RADIUS
R2 CENTER	89+23.70 143.00' RT	120.92' RADIUS
<b>METTER ST. &amp; RUECK ST. (NORTHWESTERN QUAD)</b>		
POINT 1	91+79.10 17.00' LT	WEST TERMINUS
POINT 2	91+90.17 25.00' LT	EAST TERMINUS
<b>METTER ST. &amp; RUECK ST. (NORTHEASTERN QUAD)</b>		
POINT 3	92+29.84 25.00' LT	WEST TERMINUS
POINT 4	92+40.87 17.00' LT	EAST TERMINUS







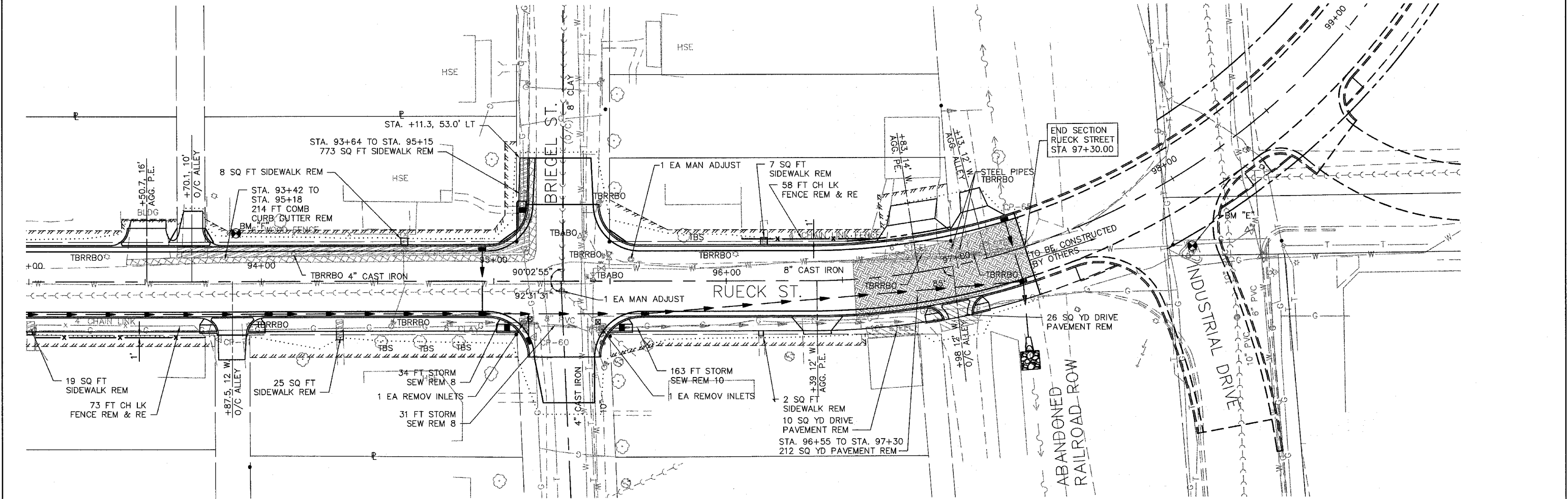
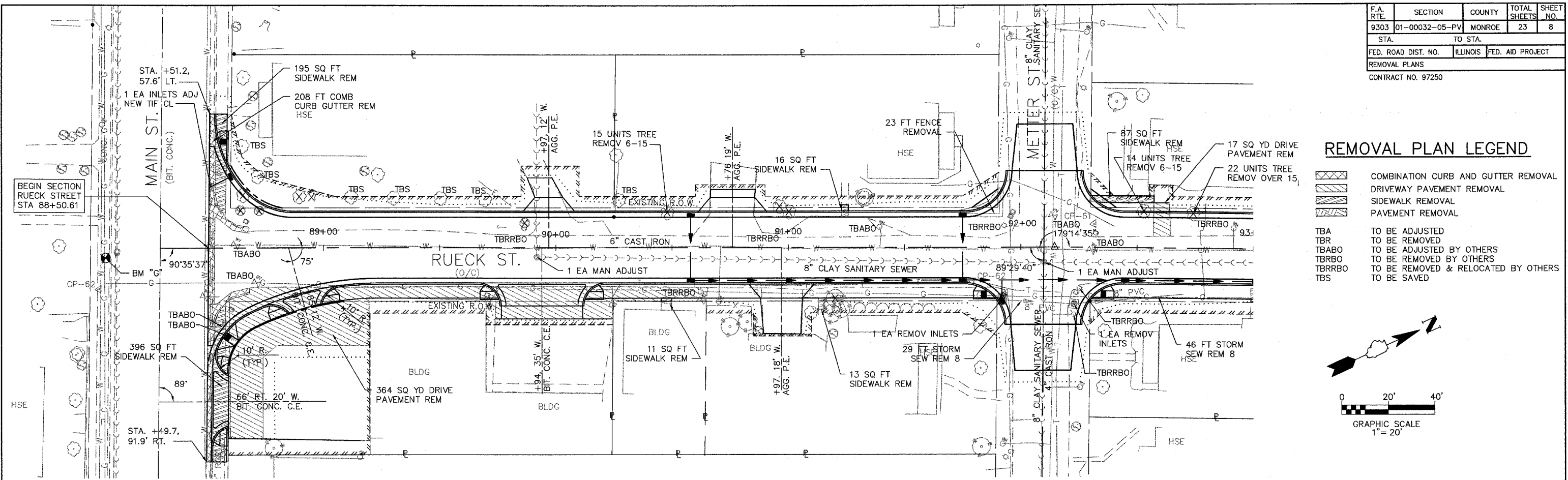
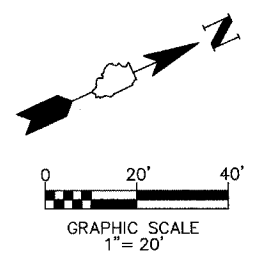
RUECK STREET  
PLAN & PROFILE



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
REMOVAL PLANS				
CONTRACT NO. 97250				

### REMOVAL PLAN LEGEND

-  COMBINATION CURB AND GUTTER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
- TBA TO BE ADJUSTED
- TBR TO BE REMOVED
- TBBO TO BE ADJUSTED BY OTHERS
- TBRRO TO BE REMOVED BY OTHERS
- TBRRBO TO BE REMOVED & RELOCATED BY OTHERS
- TBS TO BE SAVED





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	9
STA. — TO STA. —				
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
STORM WATER POLLUTION PREVENTION PLAN				

CONTRACT NO. 97250

## 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 SEEDING 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.

THE SPECIAL PROVISIONS FOR TEMPORARY EROSION CONTROL SEEDING ADDITIONALLY SUPPLEMENTS THIS PLAN.

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

1. THE PROPOSED PROJECT CONSISTS OF THE COMPLETE RECONSTRUCTION AND EXTENSION OF 0.163 MILES OF RUECK STREET.
2. IMPROVEMENT CONSISTS OF REMOVALS, EARTHWORK, LIME MODIFIED SOILS, CONCRETE PAVEMENT, CONCRETE CURB AND GUTTER, DRIVEWAY PAVEMENT, SIDEWALK, STORM SEWER, AND PAVEMENT MARKINGS.
3. EXCAVATION AND EMBANKMENT WILL BE COMPLETED AT VARIOUS LOCATIONS ALONG THE JOB SITE TO GRADE OUT FOR THE PROPOSED ROADWAY AND FOR MATCHING INTO EXISTING LAWNS.
4. ISOLATED TREE REMOVAL. TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
5. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
6. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP, SEEDING, ETC.
7. FINAL GRADING, PAVING AND OTHER MISCELLANEOUS ITEMS.

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

1. ERECT PERIMETER EROSION BARRIER AT LOCATIONS SHOWN IN THE PLANS.
2. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONSTRUCTION LIMITS.
3. BUILD NECESSARY EMBANKMENT TO PROPOSED GRADE LINE WHILE AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL AND CONSTRUCTING FINAL SHAPING OF THE SLOPES.
4. ONCE CONSTRUCTED, INSTALL INLET AND PIPE PROTECTION AT ALL STORM SEWER INLETS AND UPSTREAM FLARED END SECTIONS.
5. CONSTRUCT PERMANENT RIP RAP AND FILTER FABRIC LOCATIONS WITHIN SEVEN CALENDAR DAYS OF CONSTRUCTION OF THE PIPE OUTLET.

### AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 1.0 ACRES OF WHICH 1.0 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

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

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN 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.

### DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. STORM SEWER OUTLETS TRIBUTARY TO PALMER CREEK.

### 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 POSSIBLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, 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 SEVEN 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, INLET AND PIPE PROTECTION, 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 ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

(e.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

(f.) 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 THE 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.

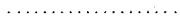






THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER IRLR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

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 OF 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.

*Kenneth L. Vaughn*  
KENNETH L. VAUGHN  
DIRECTOR OF PUBLIC WORKS  
CITY OF COLUMBIA, ILLINOIS

4/5/05  
DATE

## LEGEND

	LIMITS OF CONSTRUCTION
	TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL SEEDING
	RIPRAP
	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
	INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

### 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 IF 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 ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
- iii. CONSTRUCT DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
- iv. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
- v. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
- vi. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.

(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 LOCATIONS DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. 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 1/2 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.

(h.) THE TEMPORARY EROSION CONTROL SYSTEMS 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 TEMPORARY EROSION CONTROL SYSTEM.

### 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. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
2. TEMPORARY DITCH CHECKS, GEOTEXTILES, ROLLED EXCELSIOR, SILT WEDGES, PANELS SHALL BE SPACED IN ACCORDANCE WITH ARTICLE 280.04 (a).
3. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
4. MULCH METHOD 2, PROCEDURE 2 AS APPLIED TO TEMPORARY SEEDING SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY SEEDING.
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
6. 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 FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

DATE	BY

DATE	BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	10
STA. 88+50.61 TO STA. 97+30.00				
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
STORM WATER POLLUTION PREVENTION PLAN				

CONTRACT NO. 97250

**EROSION CONTROL PLAN**

ALL EARTH AREAS DISTURBED SHALL BE TEMPORARY SEEDED AND MULCHED IF NO WORK IS PLANNED IN THE AREA FOR SEVEN DAYS.

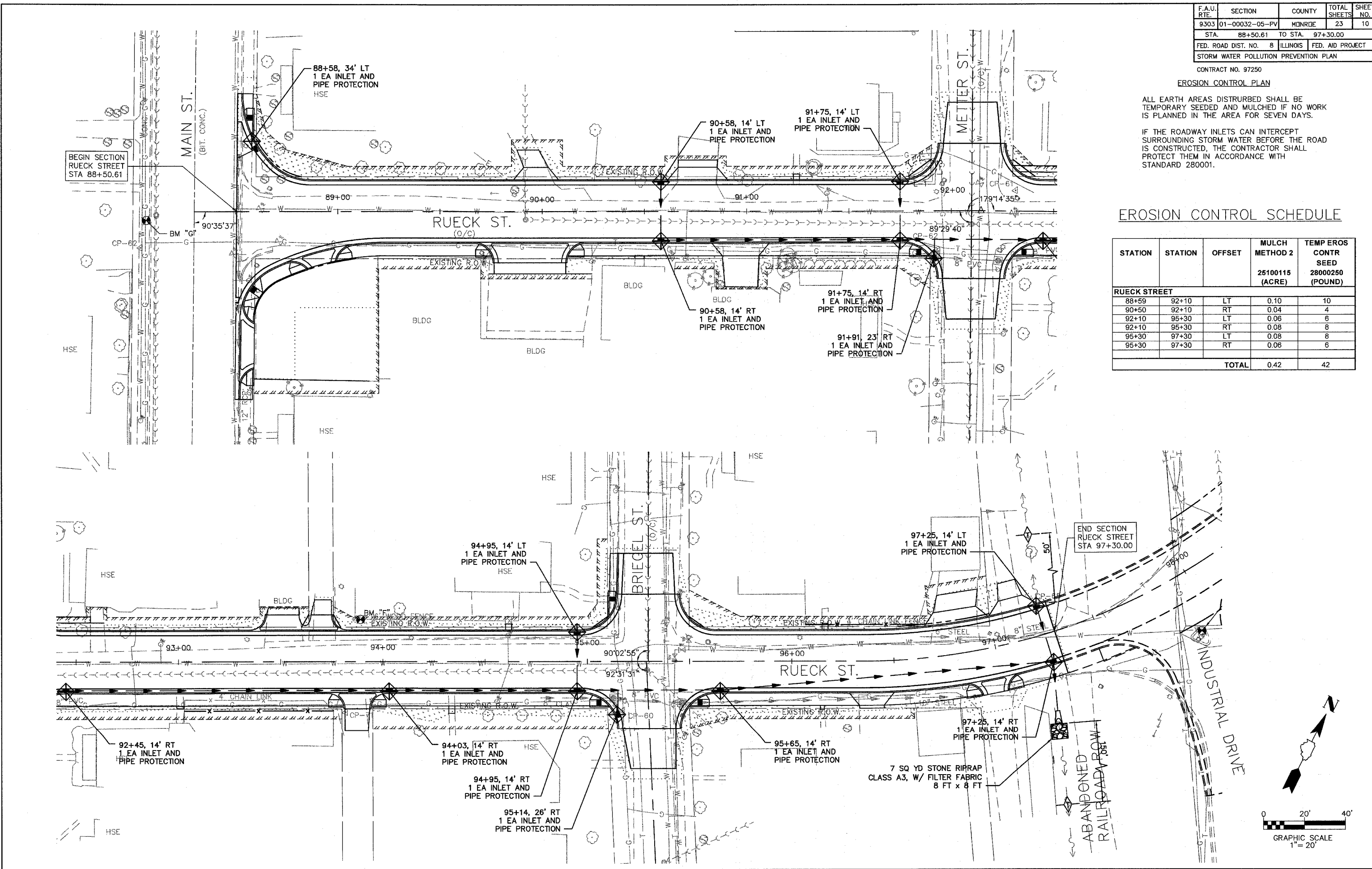
IF THE ROADWAY INLETS CAN INTERCEPT SURROUNDING STORM WATER BEFORE THE ROAD IS CONSTRUCTED, THE CONTRACTOR SHALL PROTECT THEM IN ACCORDANCE WITH STANDARD 280001.

**EROSION CONTROL SCHEDULE**

STATION	STATION	OFFSET	MULCH METHOD 2	TEMPEROS CONTR SEED
			25100115 (ACRE)	28000250 (POUND)
<b>RUECK STREET</b>				
88+59	92+10	LT	0.10	10
90+50	92+10	RT	0.04	4
92+10	95+30	LT	0.06	6
92+10	95+30	RT	0.08	8
95+30	97+30	LT	0.08	8
95+30	97+30	RT	0.06	6
<b>TOTAL</b>			<b>0.42</b>	<b>42</b>

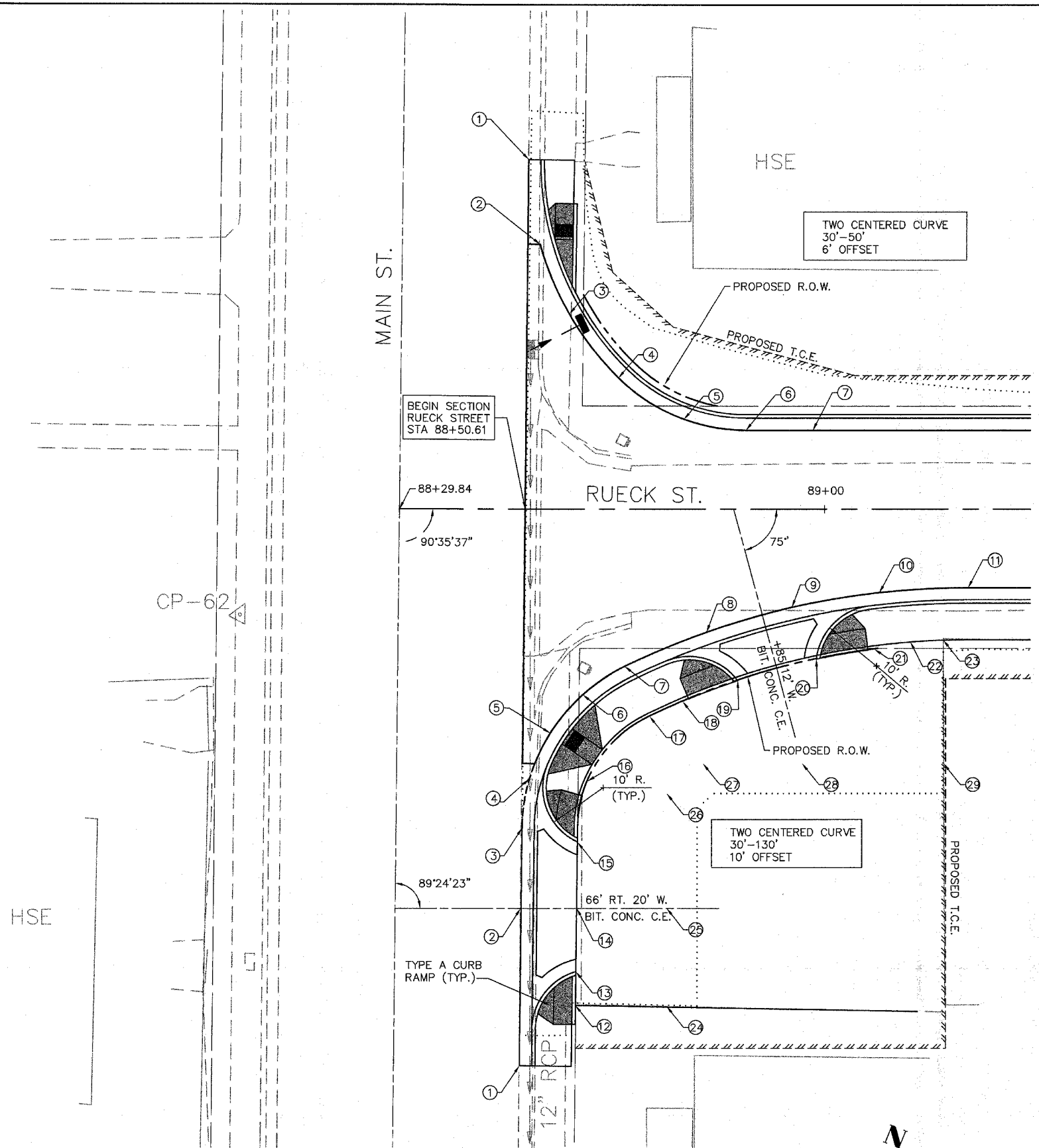
BY	DATE
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

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



RUECK STREET

STORM WATER POLLUTION PREVENTION PLAN

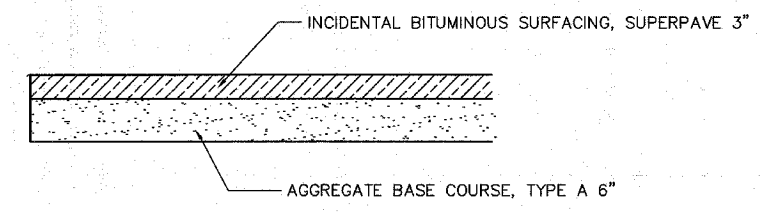


### NE RADIUS RETURN

POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	88+51.15	57.62' LT	494.14	END OF RADIUS
2	88+53.01	43.60' LT	494.04	
3	88+57.87	32.10' LT	494.02	
4	88+65.99	21.60' LT	494.14	
5	88+76.80	14.79' LT	494.32	
6	88+87.01	13.00' LT	494.53	END OF RADIUS
7	88+98.06	13.00' LT	494.81	

### SE RADIUS RETURN & PARKING LOT

POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	BC ELEVATION (FEET)	REMARKS
1	88+49.67	91.85' RT	493.13		END OF RADIUS
2	88+49.88	66.00' RT	493.30		
3	88+50.11	52.72' RT	493.39		
4	88+51.33	44.51' RT	493.44		
5	88+54.76	36.95' RT	493.54		
6	88+60.13	30.62' RT	493.69		
7	88+67.03	26.00' RT	493.90		
8	88+80.55	20.37' RT	494.30		
9	88+94.63	16.29' RT	494.64		
10	89+09.07	13.83' RT	495.12		
11	89+23.70	13.00' RT	495.52		END OF RADIUS
12	88+58.93	81.91' RT	493.40	493.53	
13	88+59.00	76.38' RT	493.36	493.86	
14	88+59.12	66.00' RT	493.43		
15	88+59.24	55.03' RT	493.52	494.02	
16	88+60.94	44.89' RT	493.95	493.95	
17	88+71.17	34.17' RT	494.40	494.40	
18	88+76.61	31.71' RT	494.59	494.59	
19	88+85.69	28.29' RT	494.48	494.88	
20	88+98.67	24.78' RT	494.83	495.33	
21	89+08.24	23.15' RT	495.06	495.56	
22	89+14.18	22.54' RT	495.72	495.72	
23	89+19.60	21.65' RT	495.88		
24	88+74.00	82.08' RT	494.00		MATCH EXISTING
25	88+74.00	66.00' RT	494.20		MATCH EXISTING
26	88+74.00	47.00' RT	494.30		MATCH EXISTING
27	88+80.00	42.00' RT	494.40		MATCH EXISTING
28	88+96.37	42.00' RT	495.00		MATCH EXISTING
29	88+19.69	42.00' RT	495.70		MATCH EXISTING



**INTERSECTION LAYOUT AT MAIN STREET & RUECK STREET**  
SCALE 1" = 10'

**PARKING LOT DETAIL**  
NOT TO SCALE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
INTERSECTION DETAILS				
CONTRACT NO. 97250				

### NORTH METTER STREET

POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	91+76.24	13.00' LT	493.69	END OF RADIUS
2	91+90.34	18.82' LT	493.31	
3	91+96.24	32.89' LT	492.92	
4	91+98.41	53.00' LT	492.77	MATCH EXISTING
5	91+90.34	13.00' LT	493.43	
6	92+10.06	12.81' LT	493.08	
7	92+10.24	32.81' LT	493.03	
8	92+10.41	53.00' LT	492.97	MATCH EXISTING
9	92+29.71	13.00' LT	492.69	
10	92+21.71	53.10' LT	492.35	MATCH EXISTING
11	92+23.80	32.85' LT	492.75	
12	92+29.71	18.80' LT	492.63	
13	92+43.80	13.00' LT	492.38	END OF RADIUS
14	91+76.24	33.00' LT		CENTER OF 20' RADIUS
15	92+43.80	33.00' LT		CENTER OF 20' RADIUS

### SOUTH METTER STREET

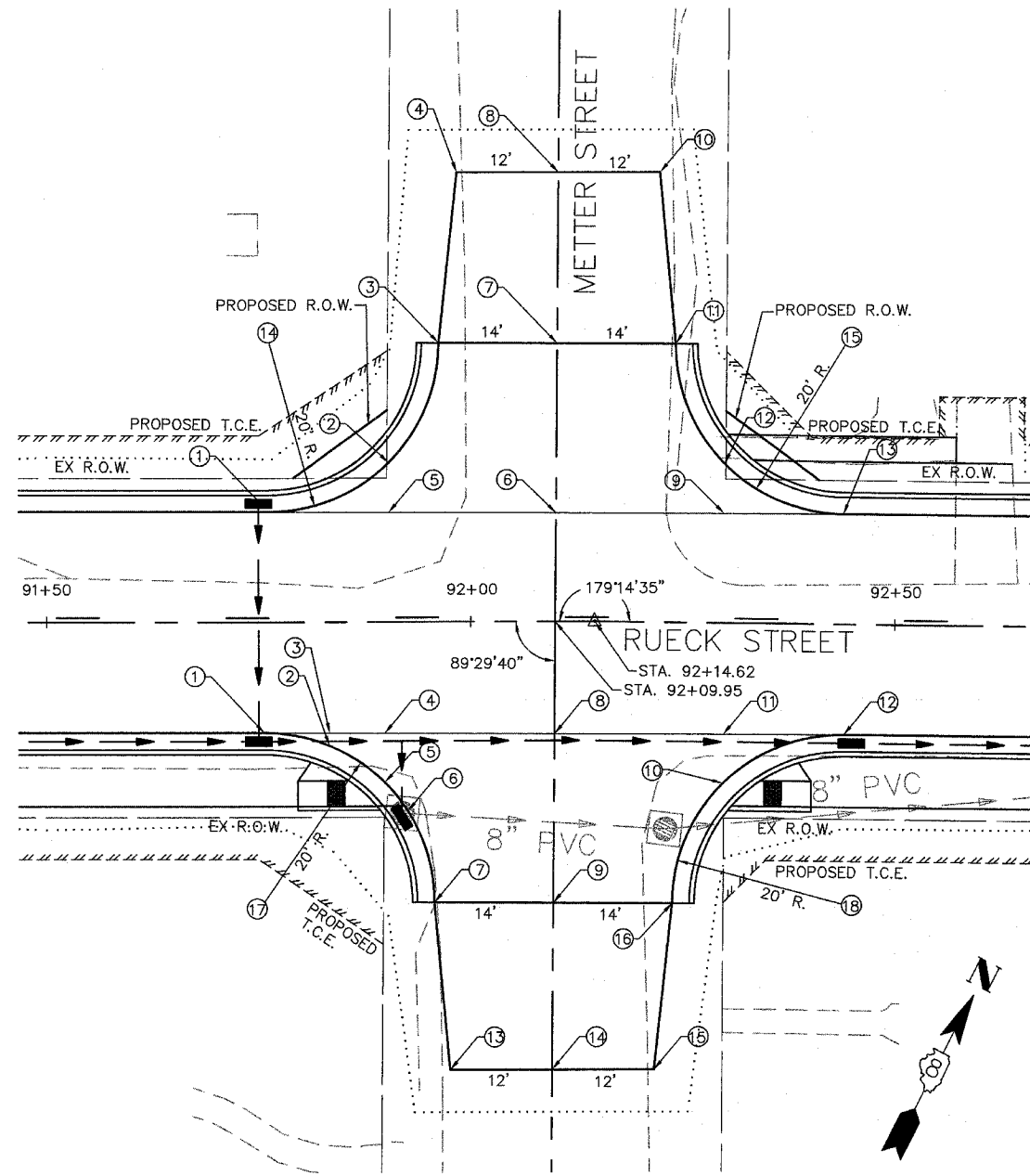
POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	91+75.65	13.00' RT	493.68	END OF RADIUS
2	91+83.33	14.53' RT	493.57	
3	91+83.33	13.00' RT	493.56	
4	91+89.84	13.08' RT	493.43	
5	91+89.84	18.90' RT	493.49	
6	91+92.54	22.28' RT	493.43	
7	91+95.65	33.11' RT	493.49	
8	92+09.83	13.19' RT	493.08	
9	92+09.65	33.19' RT	493.49	
10	92+29.90	18.91' RT	492.71	
11	92+29.90	13.11' RT	492.68	
12	92+44.09	13.00' RT	492.38	END OF RADIUS
13	91+97.48	53.00' RT	493.72	MATCH EXISTING
14	92+09.48	53.00' RT	493.90	MATCH EXISTING
15	92+22.18	52.90' RT	493.49	MATCH EXISTING
16	92+24.09	33.15' RT	493.21	
17	91+75.65	33.00' RT		CENTER OF 20' RADIUS
18	92+44.09	33.00' RT		CENTER OF 20' RADIUS

### NORTH ALLEY/DRIVEWAY

POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	93+35.00	13.00' LT	489.95	END OF RADIUS
2	93+43.00	13.00' LT	489.73	
3	93+50.71	13.00' LT	489.51	
4	93+59.00	13.00' LT	489.27	
5	93+64.82	13.00' LT	489.10	
6	93+70.11	13.00' LT	488.95	
7	93+74.82	13.00' LT	488.82	
8	93+82.82	13.00' LT	488.59	END OF RADIUS
9	93+43.00	23.00' LT	489.76	
10	93+44.05	26.45' LT	489.60	MATCH EXISTING
11	93+50.71	26.45' LT	489.60	MATCH EXISTING
12	93+50.71	23.00' LT	489.54	
13	93+59.00	23.00' LT	489.30	
14	93+59.01	26.45' LT	489.60	MATCH EXISTING
15	93+61.91	19.82' LT	489.60	2' RADIUS
16	93+64.82	23.00' LT	488.96	
17	93+66.69	30.37' LT	488.73	MATCH EXISTING
18	93+70.11	30.37' LT	488.66	MATCH EXISTING
19	93+70.11	23.00' LT	488.81	
20	93+74.82	30.37' LT	488.51	MATCH EXISTING
21	93+74.82	23.00' LT	488.68	
22	93+35.00	23.00' LT		CENTER OF 8' RADIUS
23	93+82.82	23.00' LT		CENTER OF 8' RADIUS

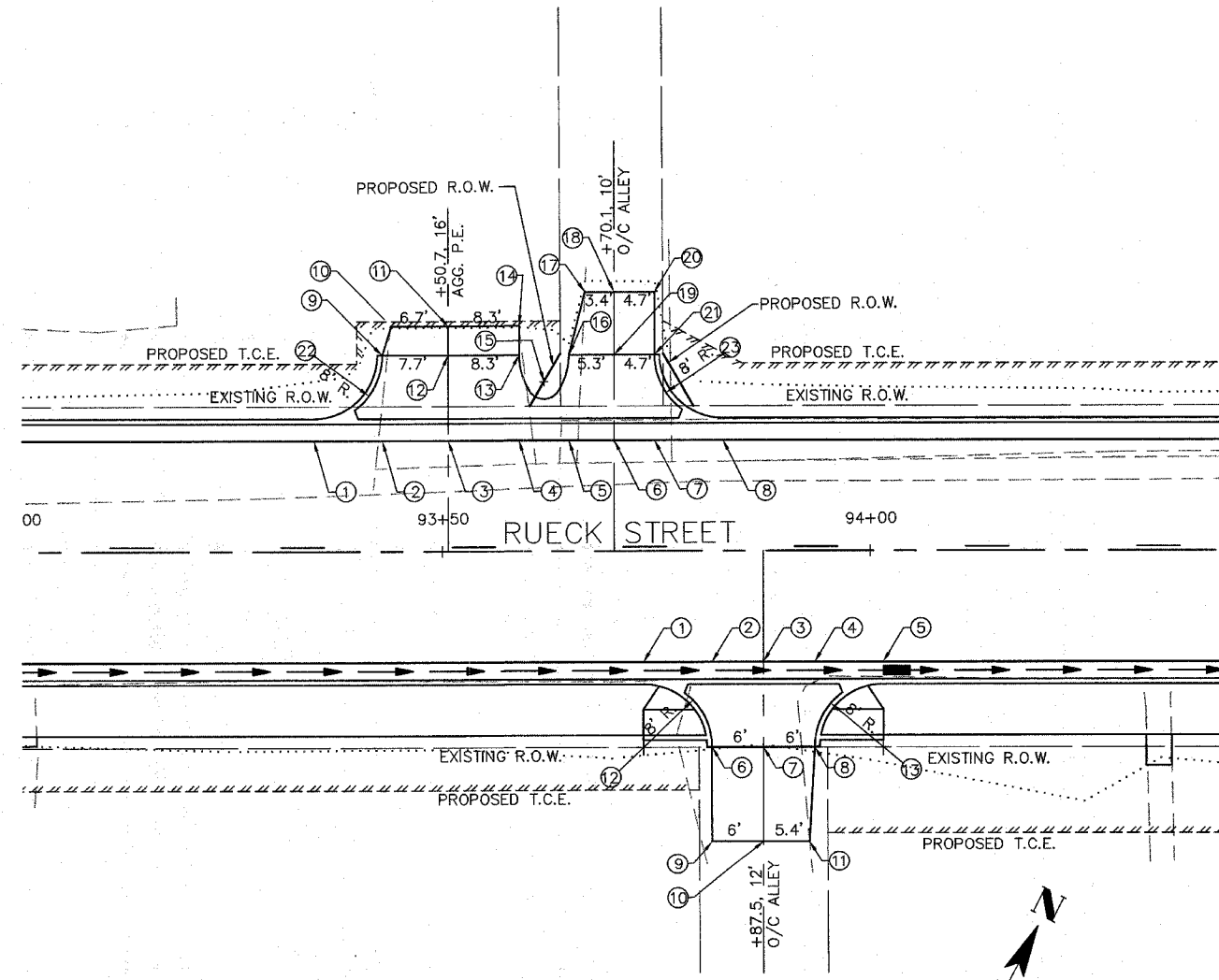
### SOUTH ALLEY

POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	93+73.50	13.00' RT	488.85	END OF RADIUS
2	93+81.50	13.00' RT	488.63	
3	93+87.50	13.00' RT	488.46	
4	93+93.50	13.00' RT	488.28	
5	94+01.50	13.00' RT	488.06	END OF RADIUS
6	93+81.50	23.00' RT	488.78	
7	93+87.50	23.00' RT	488.61	
8	93+93.50	23.00' RT	488.43	
9	93+81.50	34.00' RT	489.05	MATCH EXISTING
10	93+87.50	34.00' RT	489.05	MATCH EXISTING
11	93+92.88	34.00' RT	489.09	MATCH EXISTING
12	93+73.50	23.00' RT		CENTER OF 8' RADIUS
13	94+01.50	23.00' RT		CENTER OF 8' RADIUS



INTERSECTION LAYOUT AT  
METTER STREET & RUECK STREET

SCALE 1" = 10'



INTERSECTION LAYOUT AT  
ALLEYS & RUECK STREET

SCALE 1" = 10'



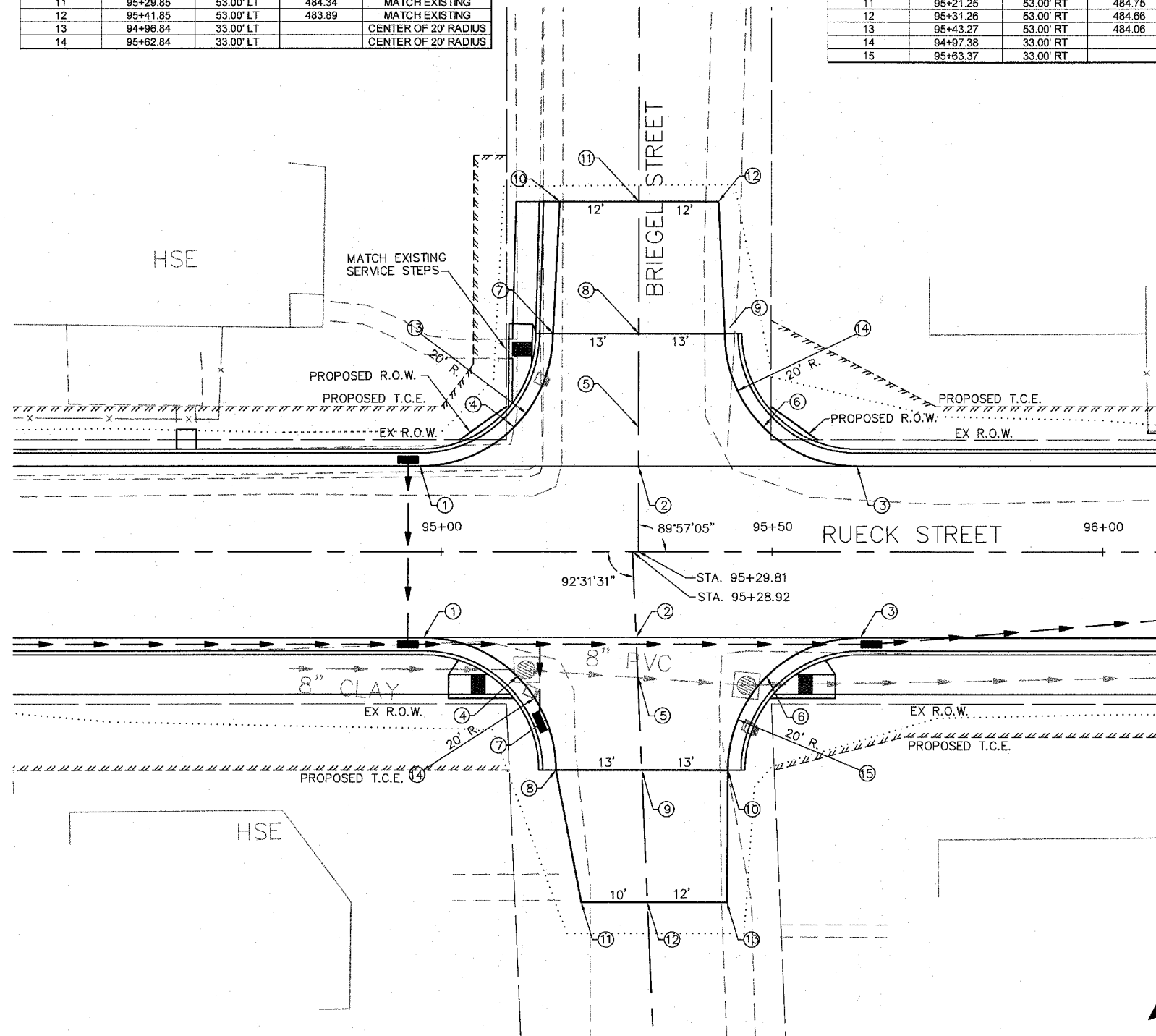
**NORTH BRIEGEL STREET**

**SOUTH BRIEGEL STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	13
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
INTERSECTION DETAILS				
CONTRACT NO. 97250				

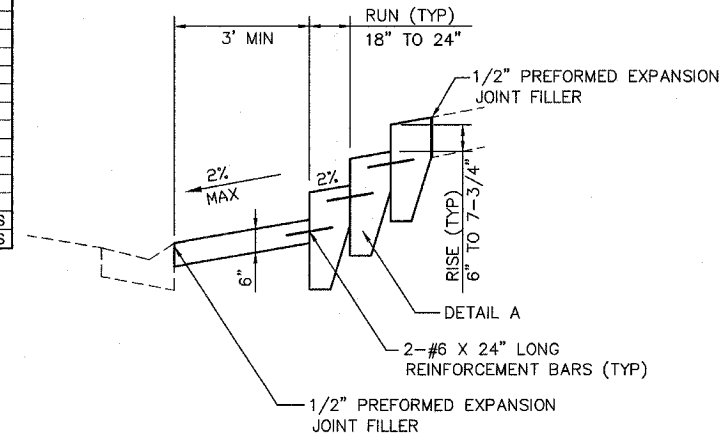
POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	94+96.84	13.00' LT	485.30	END OF RADIUS
2	95+29.82	13.00' LT	484.18	
3	95+62.84	13.00' LT	482.91	END OF RADIUS
4	95+10.98	18.86' LT	484.74	
5	95+29.83	18.86' LT	484.20	
6	95+48.70	18.86' LT	483.49	
7	95+16.84	33.00' LT	484.44	
8	95+29.84	33.00' LT	484.26	
9	95+42.84	33.00' LT	483.78	
10	95+17.85	53.00' LT	483.92	MATCH EXISTING
11	95+29.85	53.00' LT	484.34	MATCH EXISTING
12	95+41.85	53.00' LT	483.89	MATCH EXISTING
13	94+96.84	33.00' LT		CENTER OF 20' RADIUS
14	95+62.84	33.00' LT		CENTER OF 20' RADIUS

POINT	STATION	DISTANCE, OFFSET	EOP ELEVATION (FEET)	REMARKS
1	94+97.38	13.00' RT	485.28	END OF RADIUS
2	95+29.49	13.00' RT	484.19	
3	95+63.37	13.00' RT	482.89	
4	95+11.52	18.86' RT	484.82	
5	95+29.75	18.86' RT	484.27	
6	95+49.23	18.86' RT	483.53	
7	95+15.86	25.35' RT	484.70	EOP AT INLET
8	95+17.38	33.00' RT	484.72	
9	95+30.38	33.00' RT	484.47	
10	95+43.37	33.00' RT	483.94	
11	95+21.25	53.00' RT	484.75	MATCH EXISTING
12	95+31.28	53.00' RT	484.68	MATCH EXISTING
13	95+43.27	53.00' RT	484.06	MATCH EXISTING
14	94+97.38	33.00' RT		CENTER OF 20' RADIUS
15	95+63.37	33.00' RT		CENTER OF 20' RADIUS

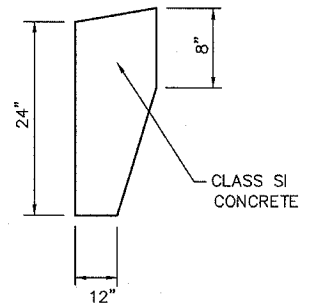


**INTERSECTION LAYOUT AT BRIEGEL STREET & RUECK STREET**

SCALE 1" = 10'



\* NUMBER AND DIMENSIONS OF STEPS TO BE DETERMINED BY THE ENGINEER IN THE FIELD

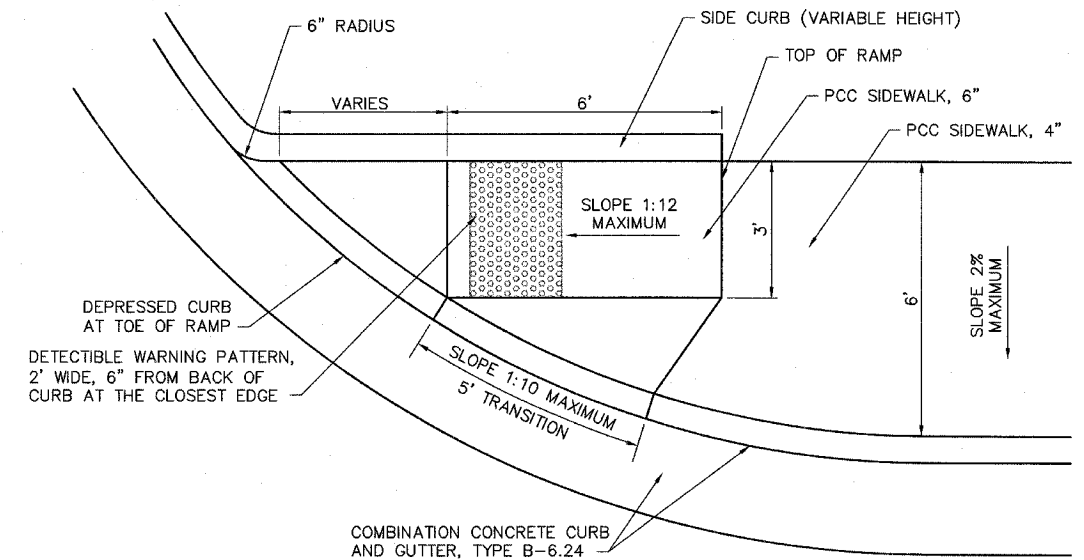


**DETAIL A**

SEE SIDEWALK SCHEDULE FOR LOCATION

**CONCRETE STEPS**

(NOT TO SCALE)

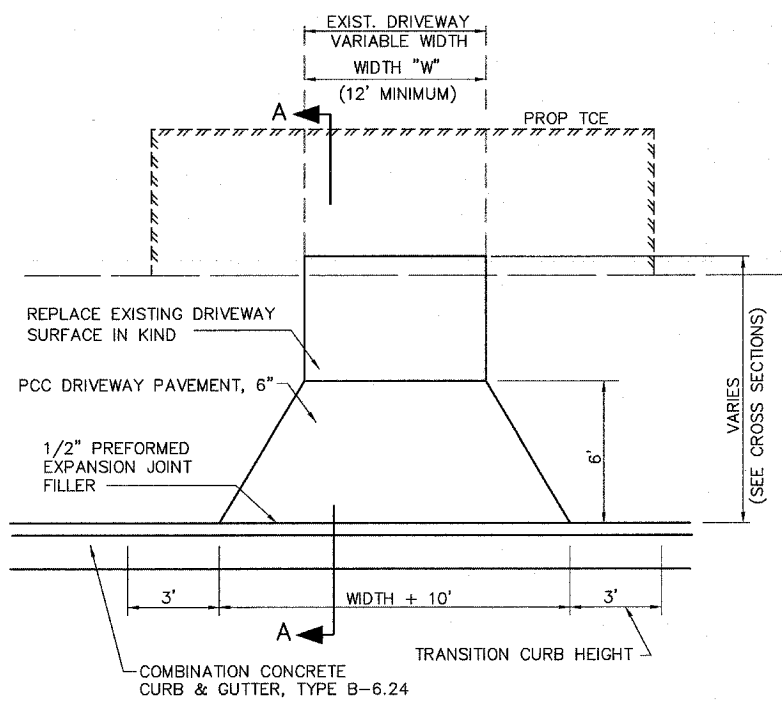


SEE PLANS FOR LOCATION

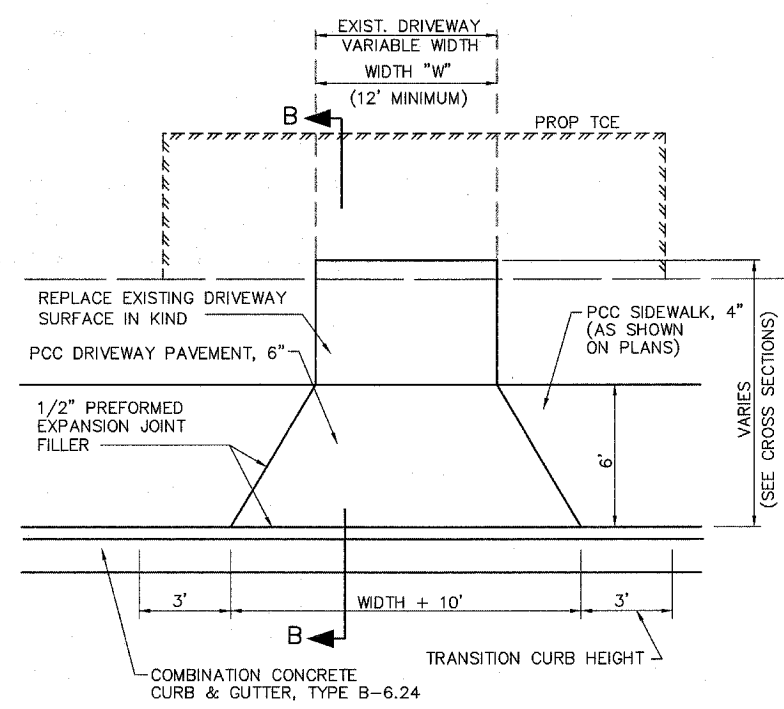
**SIDEWALK RAMPS**

(NOT TO SCALE)

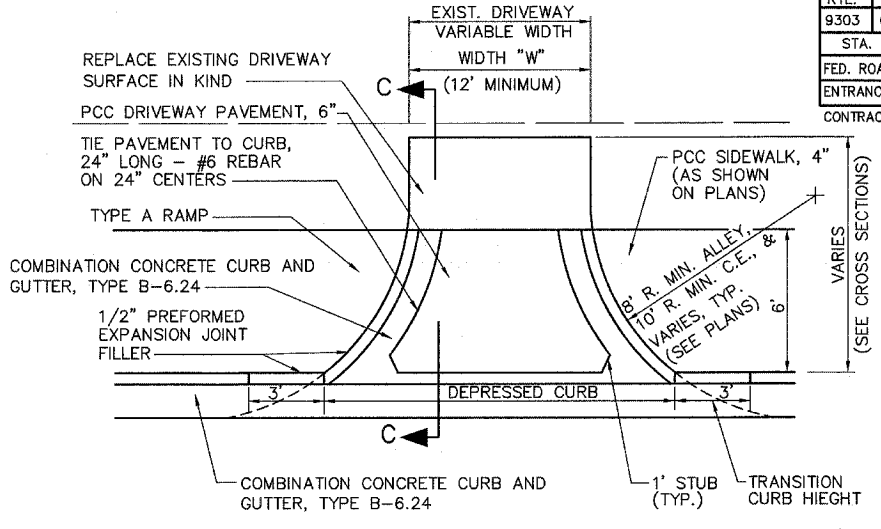
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	14
STA. - TO STA. -		FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT		
ENTRANCE SCHEDULE AND DETAILS				
CONTRACT NO. 97250				



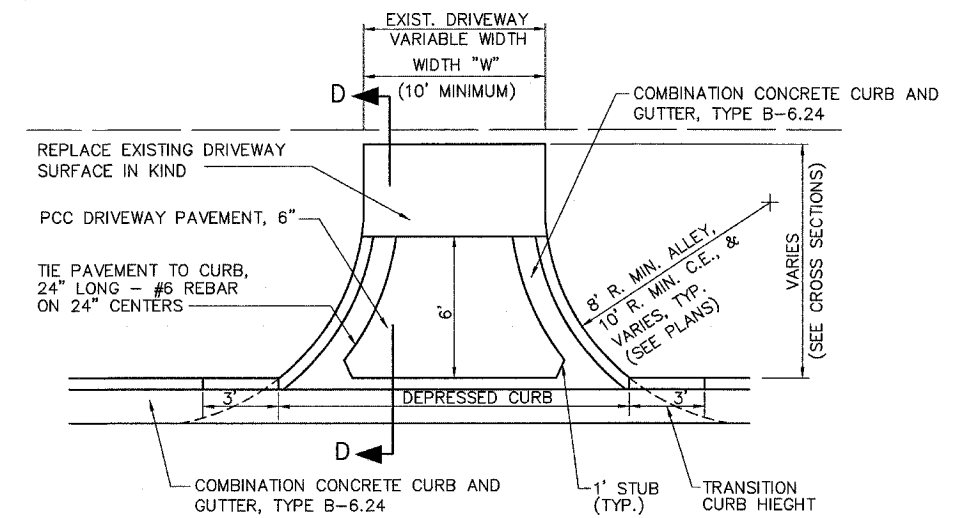
**TYPICAL PRIVATE ENTRANCE DETAIL WITHOUT SIDEWALK**  
(NOT TO SCALE)



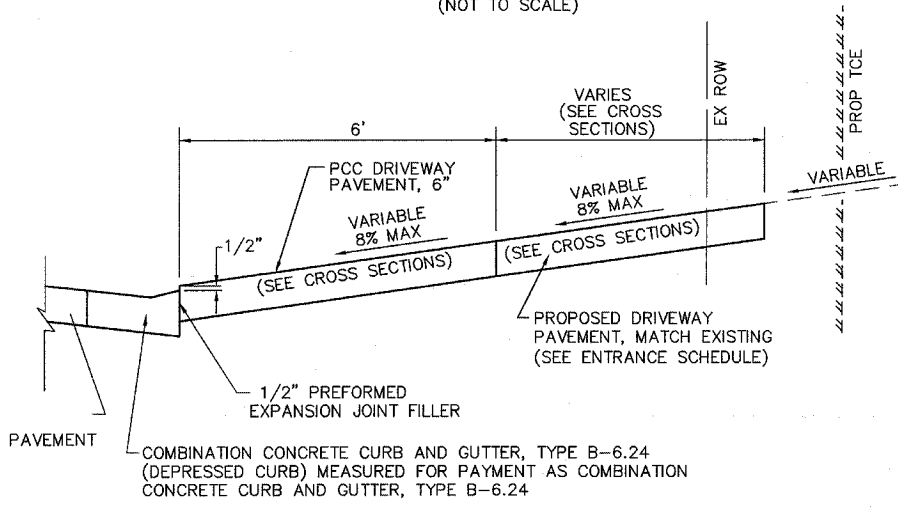
**TYPICAL PRIVATE ENTRANCE DETAIL WITH SIDEWALK**  
(NOT TO SCALE)



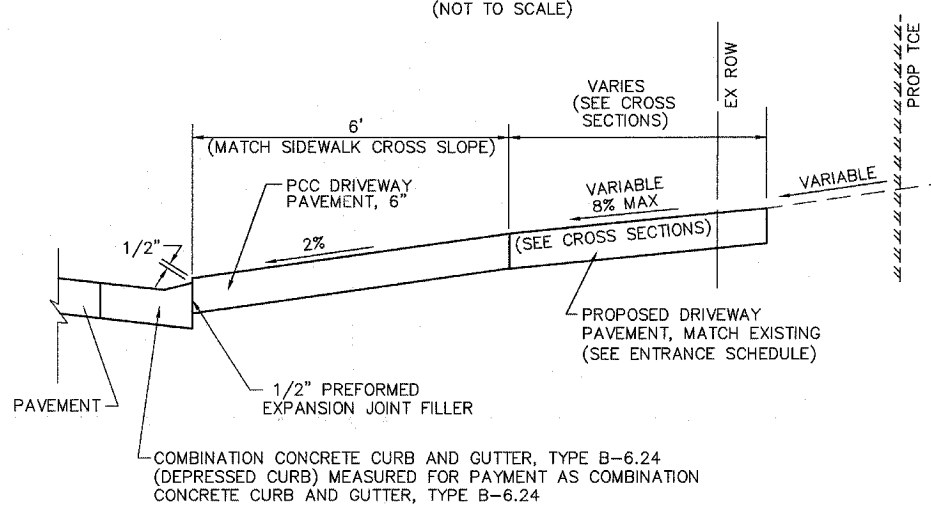
**TYPICAL COMMERCIAL ENTRANCE OR ALLEY WITH SIDEWALK**  
(NOT TO SCALE)



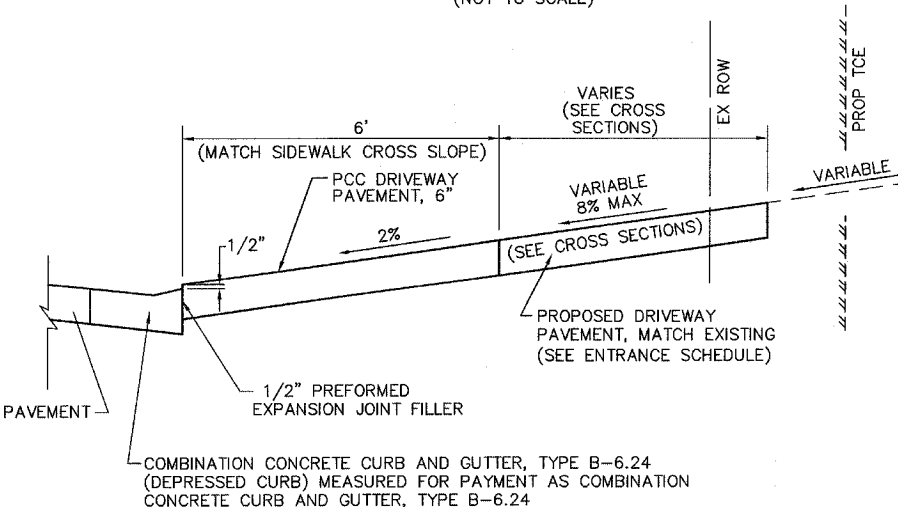
**TYPICAL COMMERCIAL ENTRANCE OR ALLEY WITHOUT SIDEWALK**  
(NOT TO SCALE)



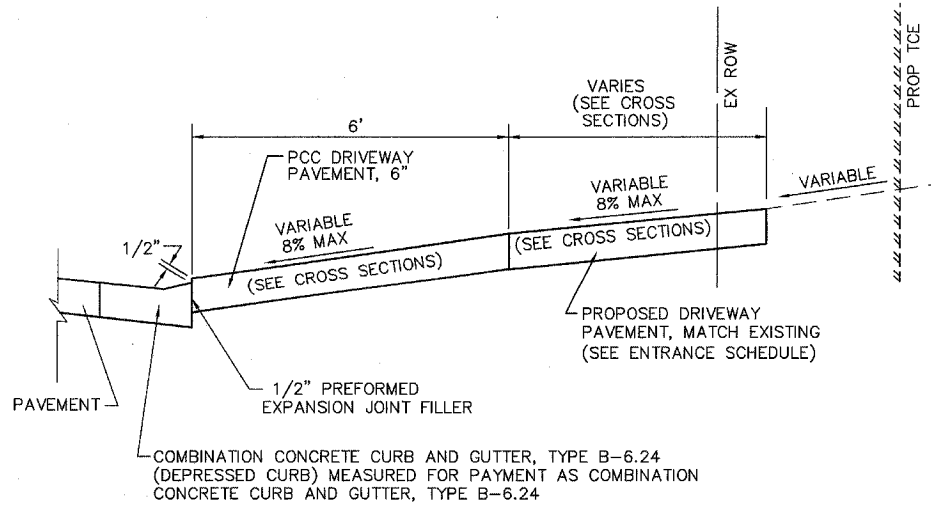
**SECTION A-A**  
(NOT TO SCALE)



**SECTION C-C**  
(NOT TO SCALE)



**SECTION B-B**  
(NOT TO SCALE)



**SECTION D-D**  
(NOT TO SCALE)

**ENTRANCE SCHEDULE**

STATION	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1)	ENTRANCE DEPTH "D"	EXISTING SURFACE TYPE	AGG BASE CSE A 6	AGG SURF CSE A 6	PCC DRIVEWAY PAVT 6 (NOTE 3)	INCIDENTAL BIT SURF (NOTE 2)
			(FOOT)	(FOOT)		35100500	40200500	42300200	XX004949
						(SQ YD)	(SQ YD)	(SQ YD)	(TON)
<b>RUECK STREET</b>									
88+52.00	66' RT	CE	20	6	BIT	158		15	27
88+85.00	RT	CE	12	6	BIT			9	
89+94.00	RT	CE	35	15	BIT	21		35	4
89+97.00	LT	PE	12	14.4	AGG		11	11	
90+76.00	LT	PE	19	9.4	AGG		7	16	
90+97.00	RT	PE	18	21.4	AGG		29	15	
93+50.70	LT	PE	16	10.9	AGG		6	16	
93+70.10	LT	ALLEY	10	14.8	O/C	7		11	1
93+87.50	RT	ALLEY	12	18.4	O/C	16		10	3
96+39.00	RT	PE	12	7.4	AGG		2	11	
96+83.00	LT	PE	14	14.4	AGG		19	18	
96+98.00	RT	ALLEY	12	6.0	O/C			7	
97+13.00	LT	PE	12	14.4	AGG		10	12	
<b>TOTAL</b>						<b>202</b>	<b>84</b>	<b>188</b>	<b>35</b>

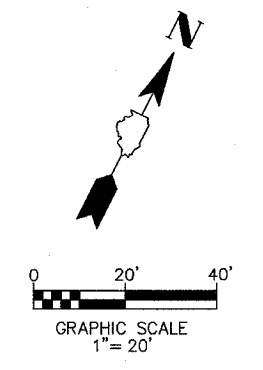
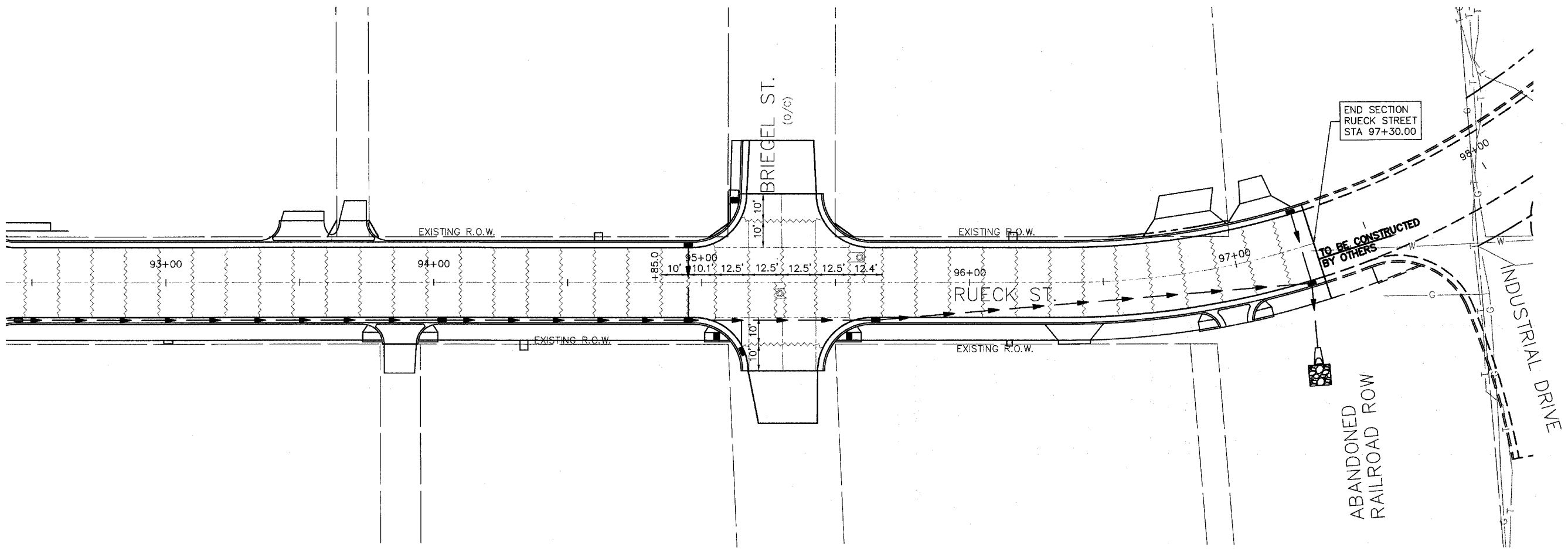
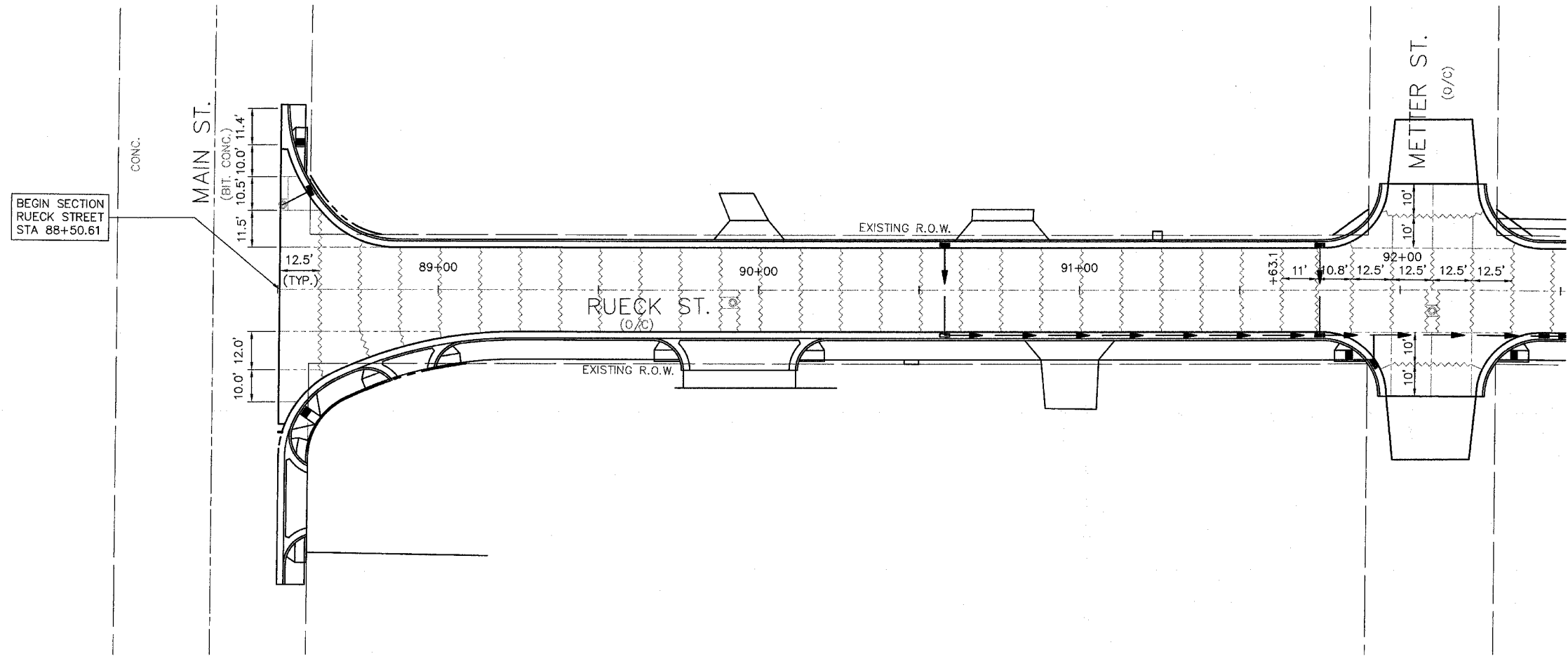
- ENTRANCE NOTES:**
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES.
  - INCIDENTAL BITUMINOUS SURFACING QUANTITY IS CALCULATED AT A RATE OF 336 LB / SQ YD. BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) ARE REQUIRED BUT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST FOR BITUMINOUS MATERIALS AND AGGREGATE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL BITUMINOUS SURFACING. INCIDENTAL BITUMINOUS SURFACING SHALL BE 3" THICK. SEE PAVEMENT SCHEDULE FOR ADDITIONAL QUANTITY.
  - DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05	MINNDE	23	15
STA. 88+50.61		TO STA. 97+30.00		
FED. ROAD DIST. NO. 8		ILLINOIS		FED. AID PROJECT
PAVEMENT JOINT DETAILS				
CONTRACT NO. 97250				

**GENERAL NOTES**

- REFER TO HIGHWAY STANDARD BLR-10 FOR ADDITIONAL DETAILS.
- ALL LONGITUDINAL JOINTS ARE SPACED 13 FOOT APART UNLESS OTHERWISE NOTED.
- ALL TRANSVERSE JOINTS ARE SPACED 12.5 FOOT APART UNLESS OTHERWISE NOTED.
- ALL STUBS SHALL TYPICALLY BE 1' (MIN.).
- LONGITUDINAL JOINT TIE BARS SHALL BE HELD IN THE PROPER POSITION BY SUPPORT PINS, PLACED BY APPROVED MECHANICAL MEANS, OR GROUTED-IN-PLACE. MANUAL PLACEMENT OF TIE BARS WILL NOT BE ALLOWED.
- SAWED CONTRACTION JOINTS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 420.14 OF THE "STANDARD SPECIFICATIONS". ANY EXCESS MATERIAL ON THE PAVEMENT SURFACE SHALL BE REMOVED IMMEDIATELY AND THE SURFACE CLEANED TO THE SATISFACTION OF THE ENGINEER.
- TIE TRANSVERSE CONSTRUCTION JOINTS, SAWED TRANSVERSE JOINTS, COMBINATION CURB AND GUTTER JOINT DETAILS, AND MANHOLE DETAILS SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD BLR-10. LONGITUDINAL SAWED JOINTS, LONGITUDINAL KEYS JOINTS, AND LONGITUDINAL CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 420001.

- LONGITUDINAL SAWED JOINT, LONGITUDINAL KEYS JOINT OR LONGITUDINAL CONSTRUCTION JOINT (SEE STANDARD 420001).
- ~~~~~ SAWED TRANSVERSE JOINT (SEE STANDARD BLR-10).



RUECK STREET  
PAVEMENT JOINT DETAILS

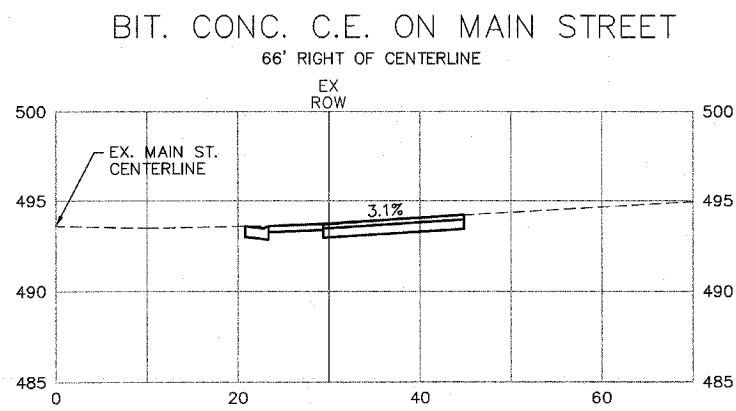
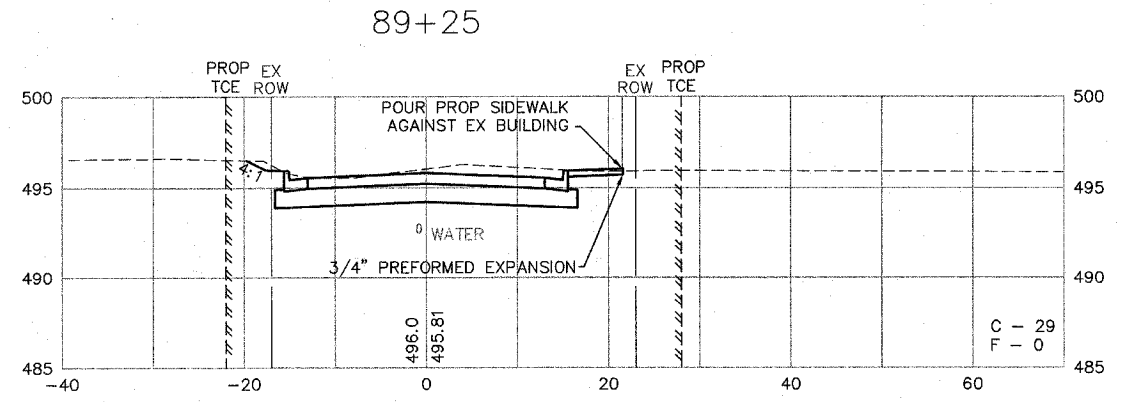
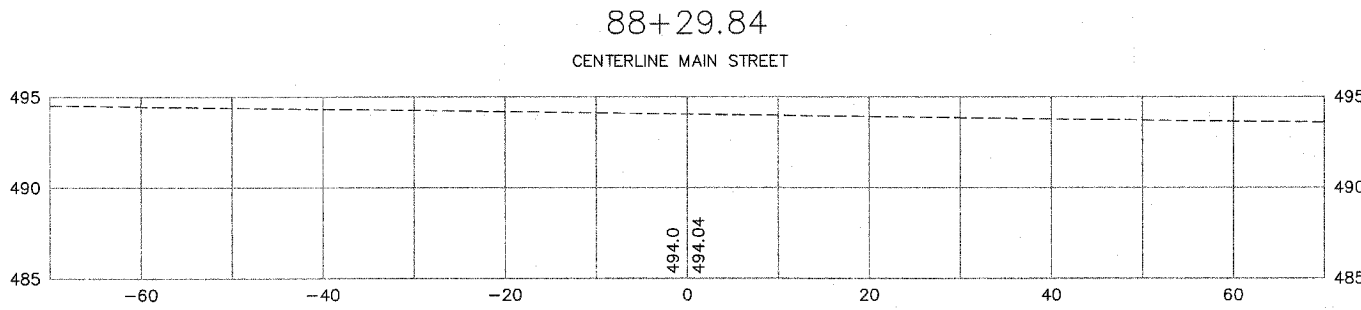
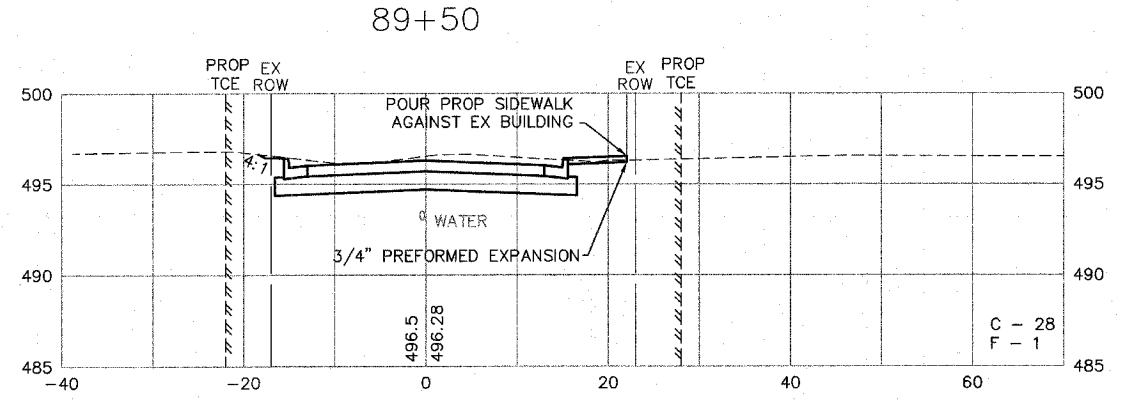
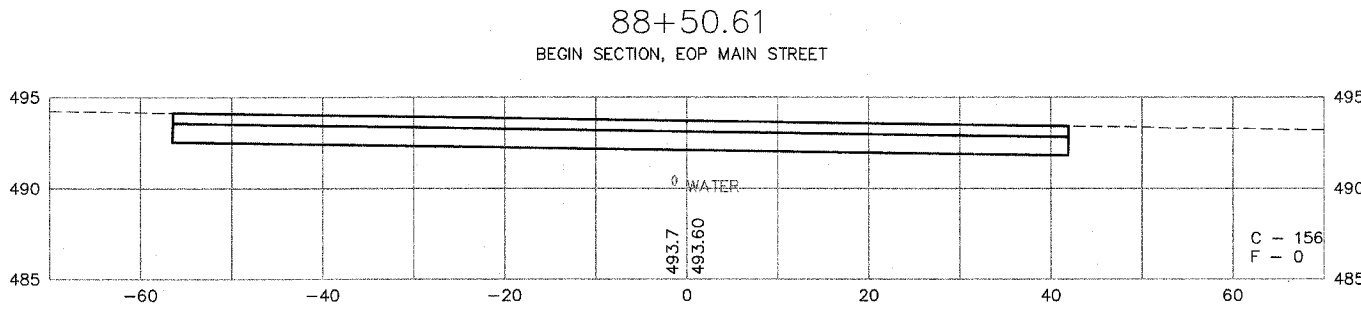
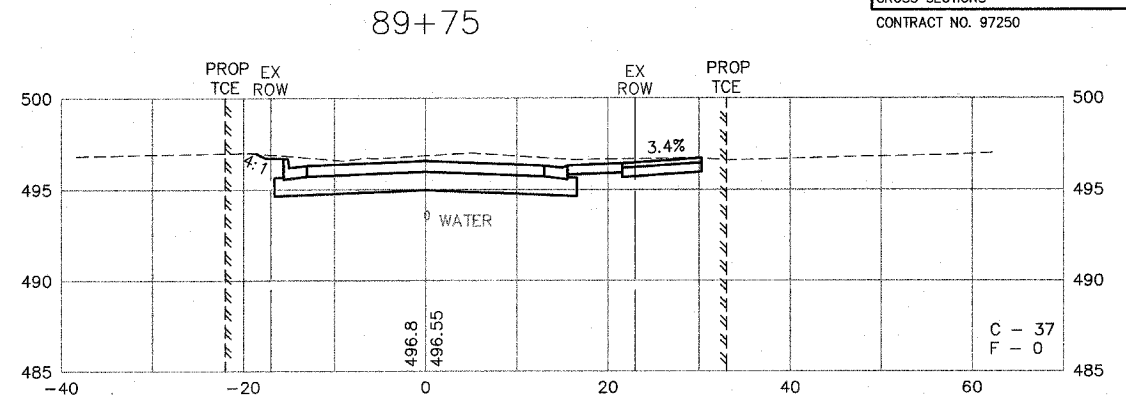
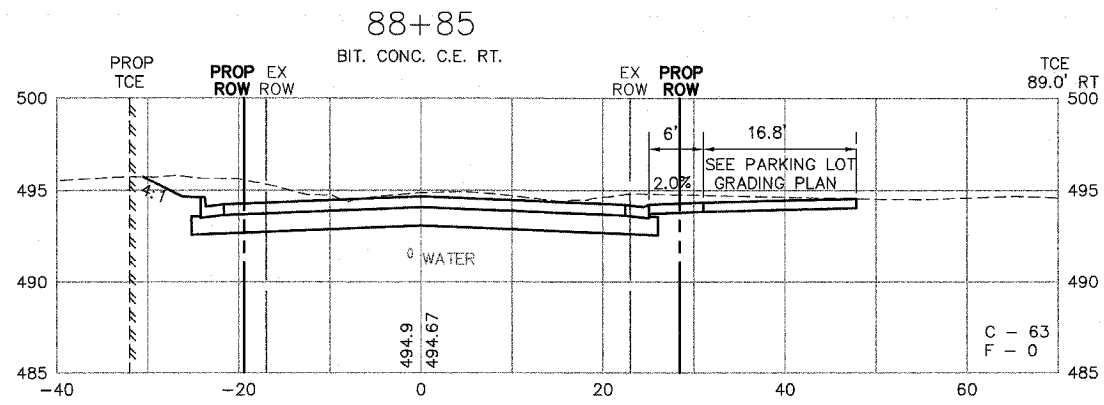
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	16
STA. 88+29.84 TO STA. 89+75				
CROSS SECTIONS				
CONTRACT NO. 97250				

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

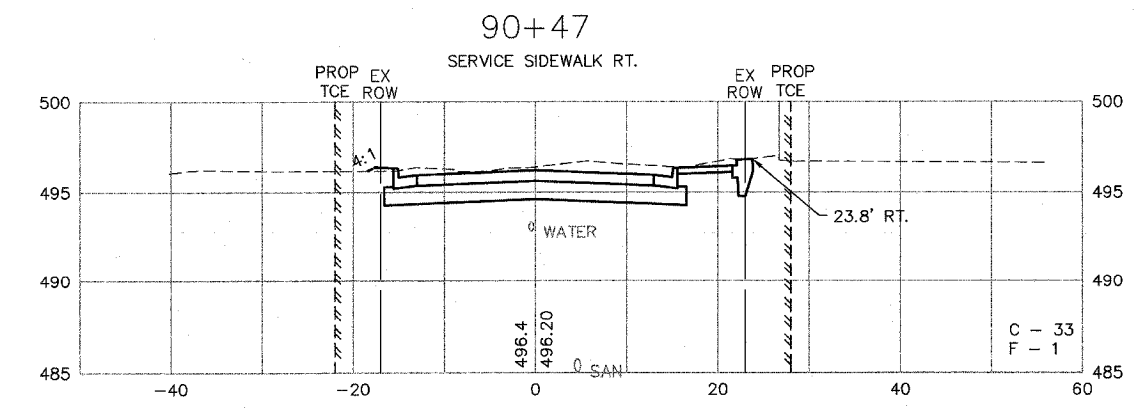
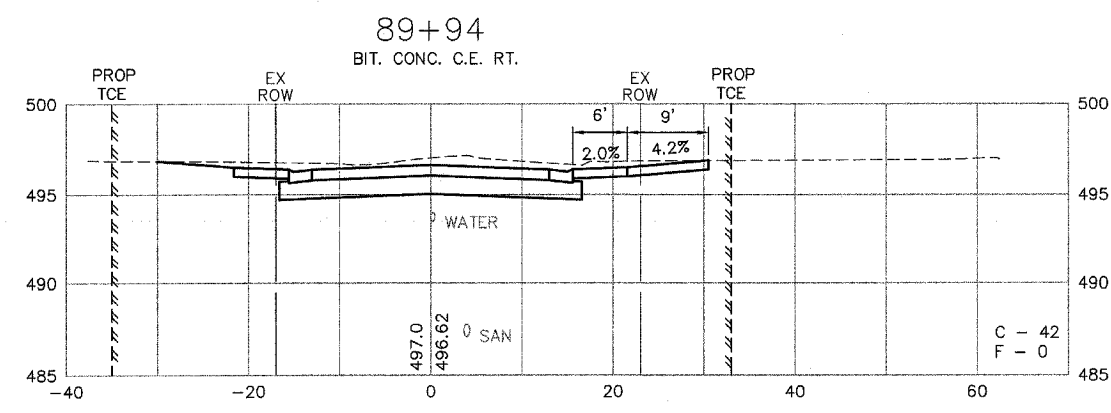
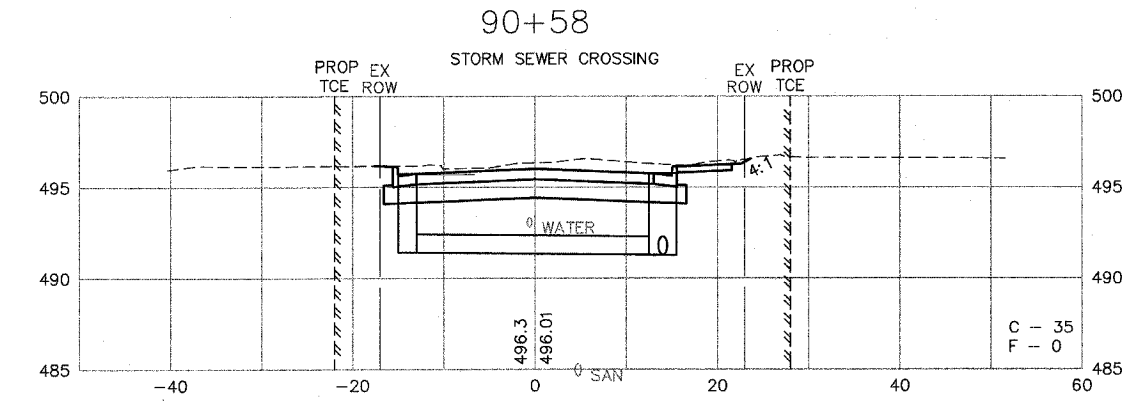
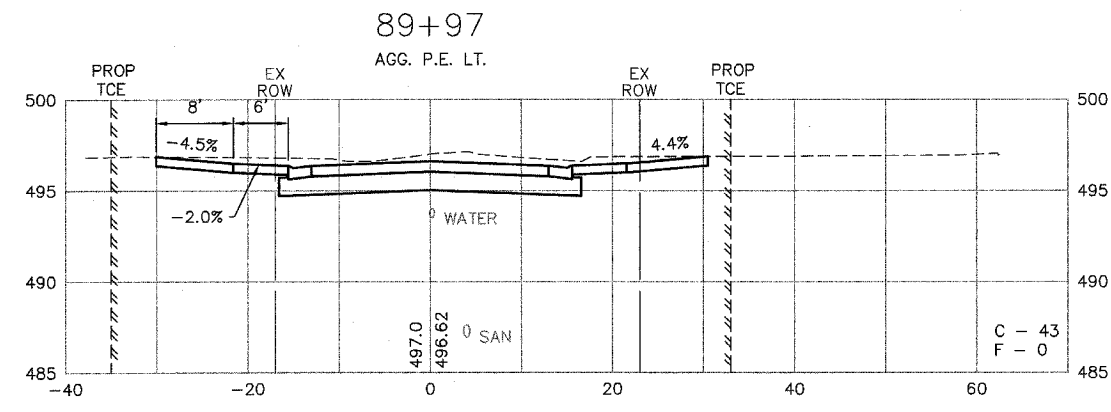
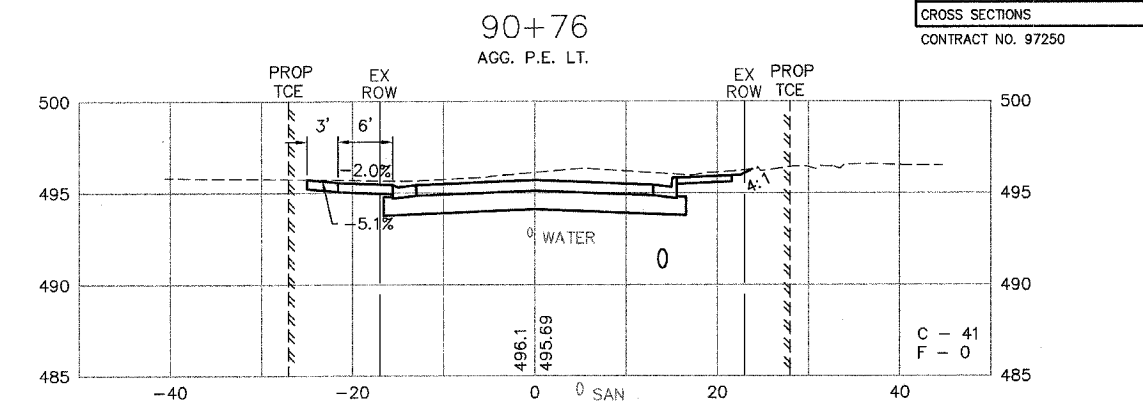
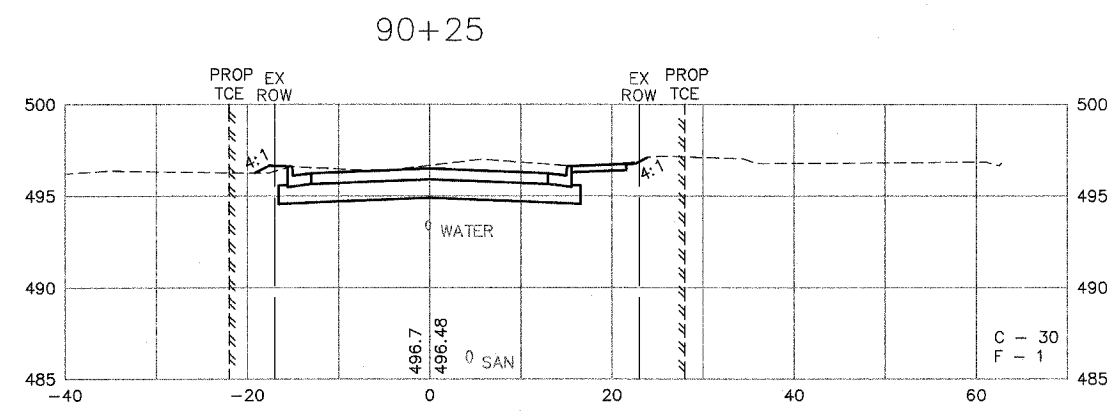
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SCALE:  
VERT. 1"=5'  
HORZ. 1"=10'



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-0032-05-PV	MONROE	23	17
STA. 89+94 TO STA. 90+76				
CROSS SECTIONS				
CONTRACT NO. 97250				

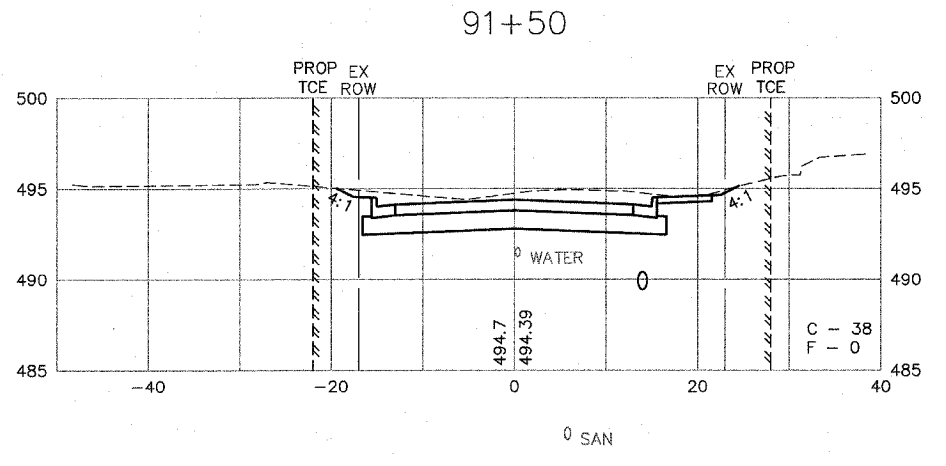
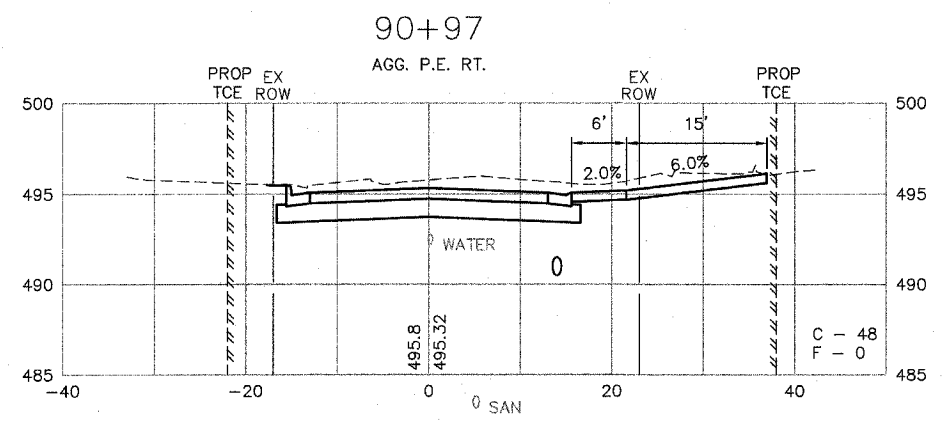
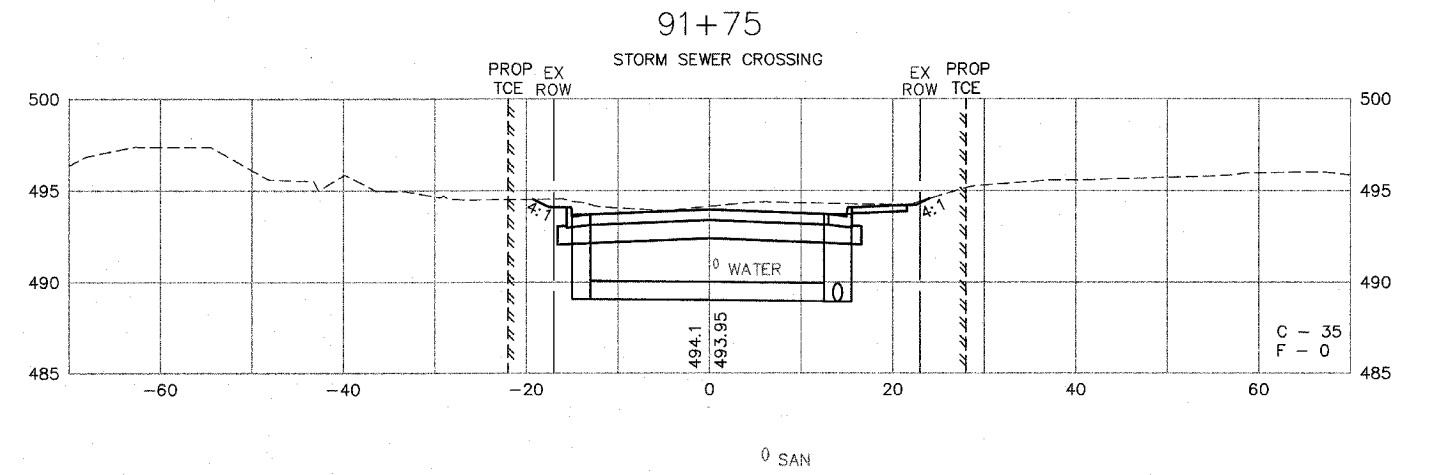
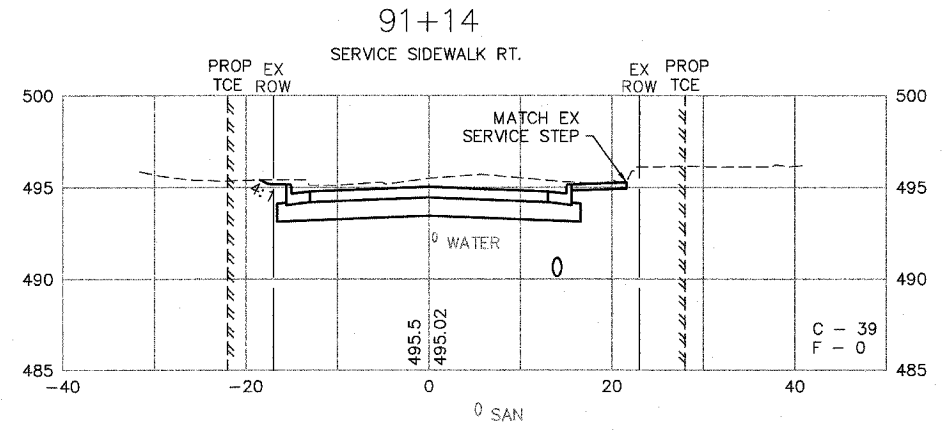
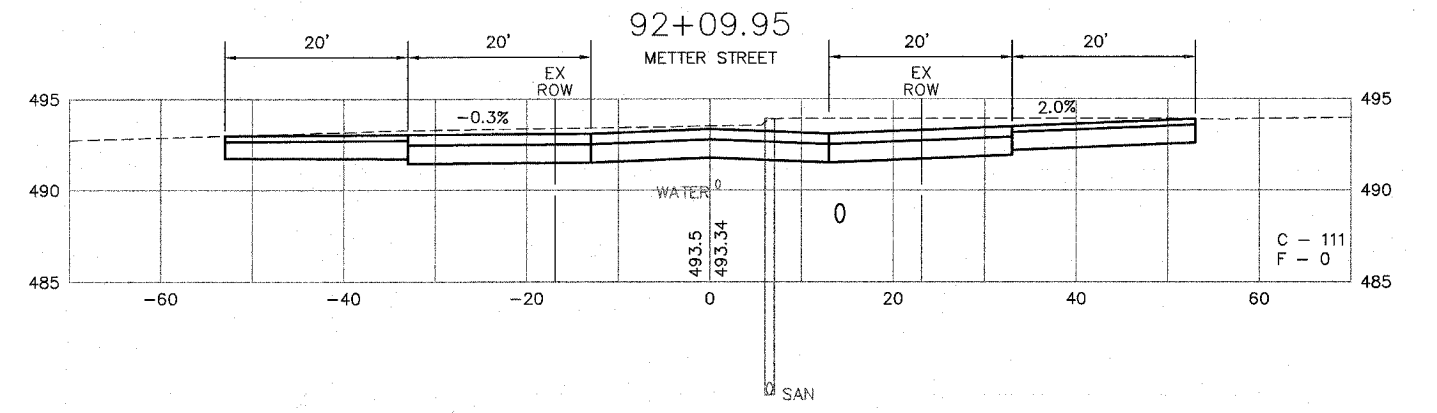
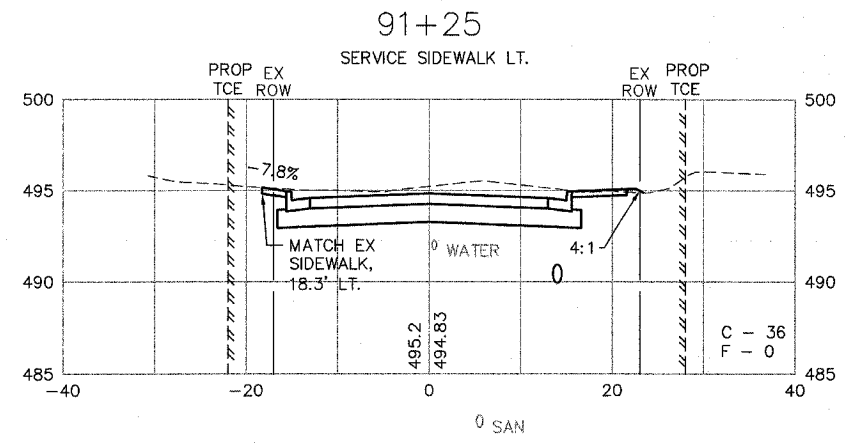


SCALE:  
VERT. 1"=5'  
HORZ. 1"=10'

BY	DATE

BY	DATE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	18
STA. 90+97 TO STA. 92+09.95		CROSS SECTIONS		
CONTRACT NO. 97250				



SCALE:  
VERT. 1"=5'  
HORZ. 1"=10'

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

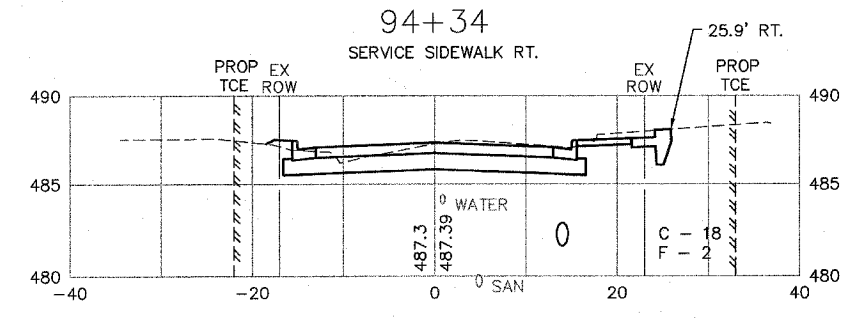
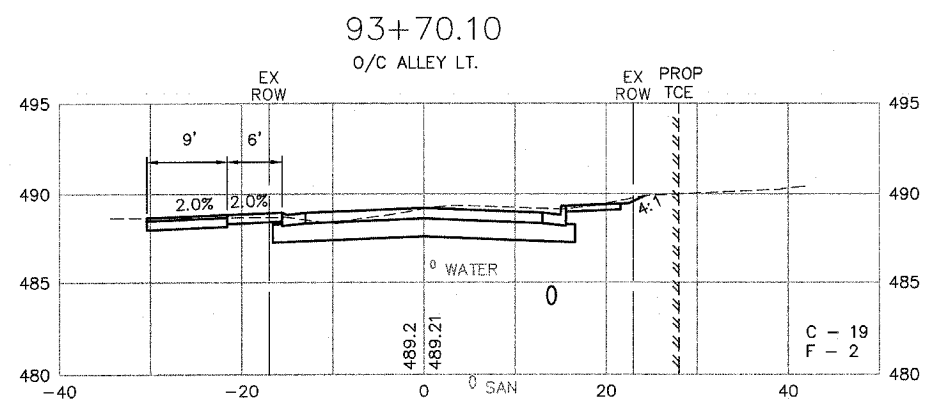
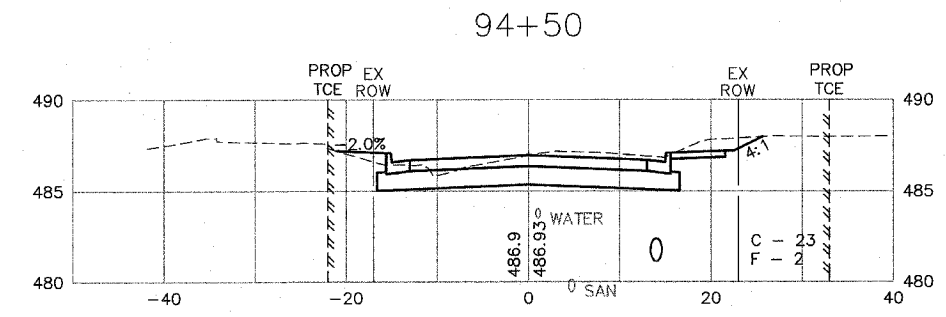
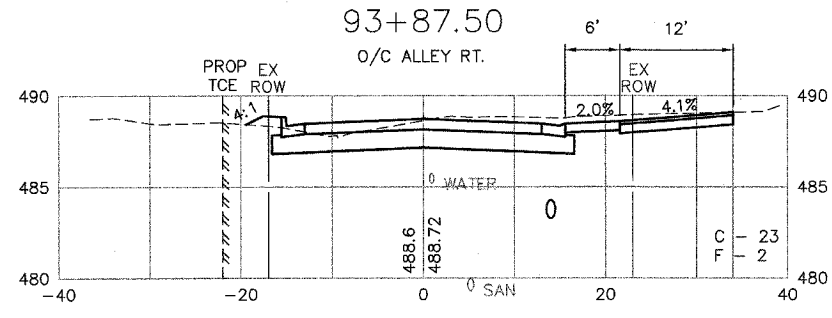
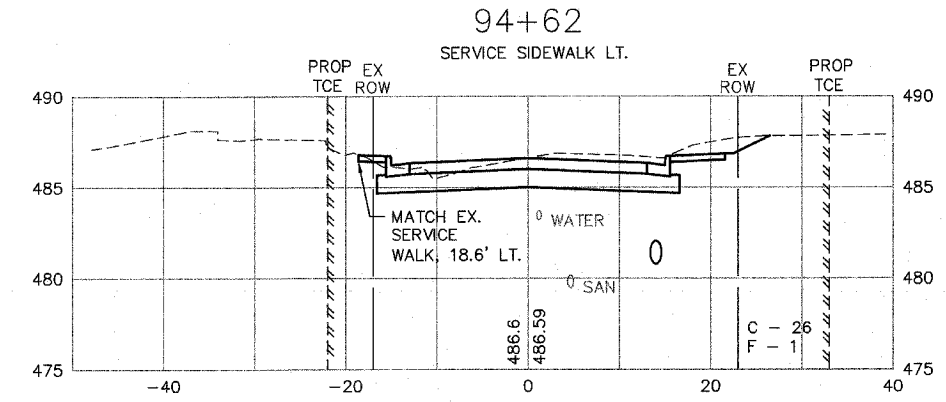
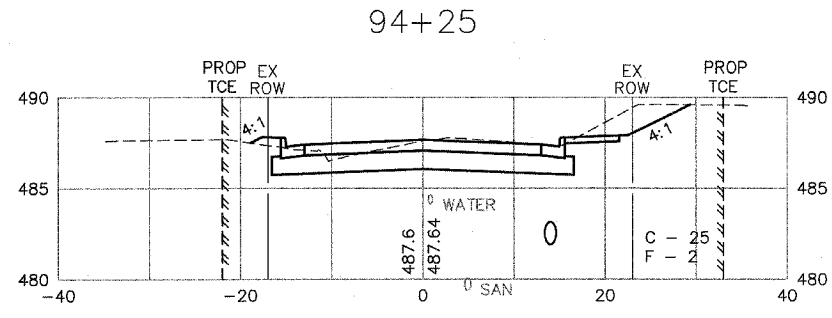
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ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	20
STA. 93+70.10 TO STA. 94+62		CROSS SECTIONS		
CONTRACT NO. 97250				

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

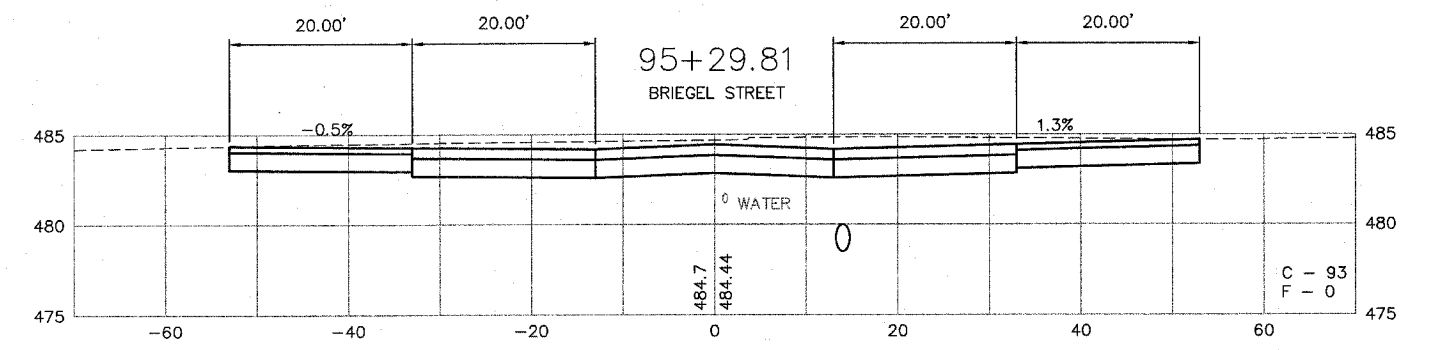
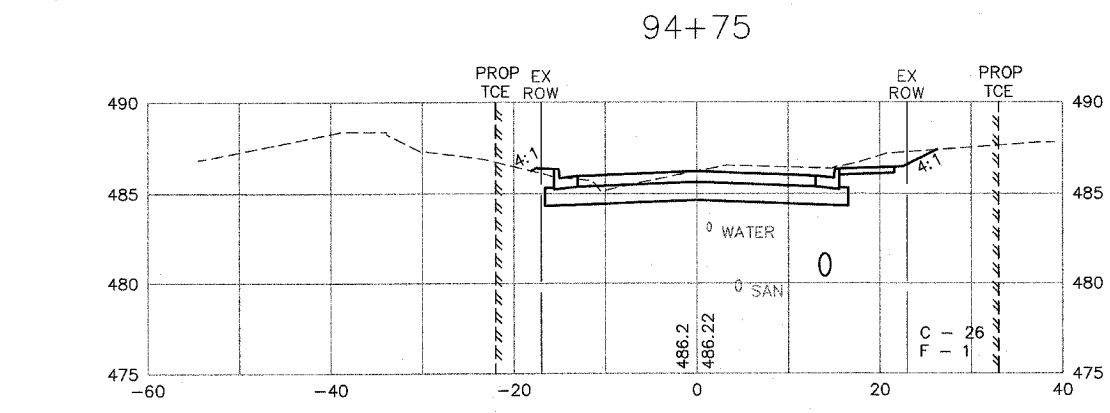
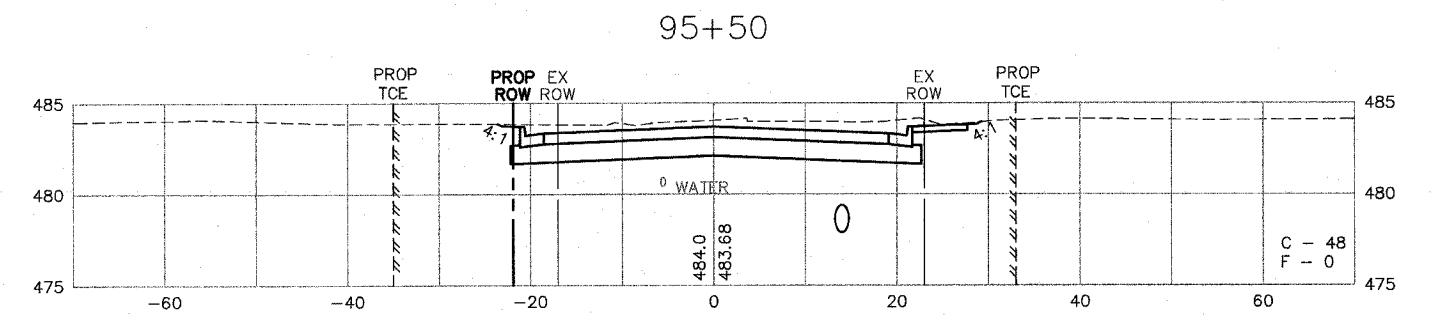
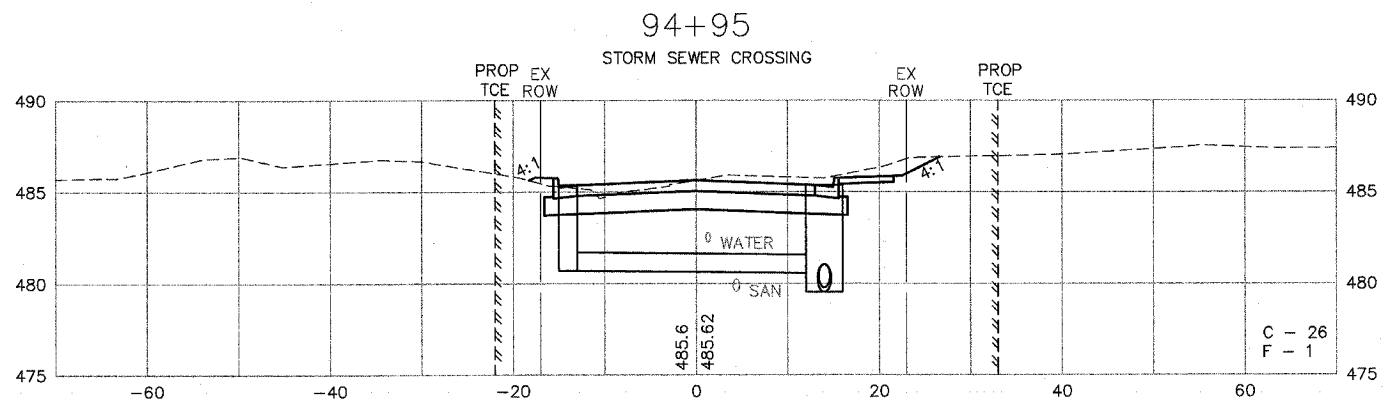
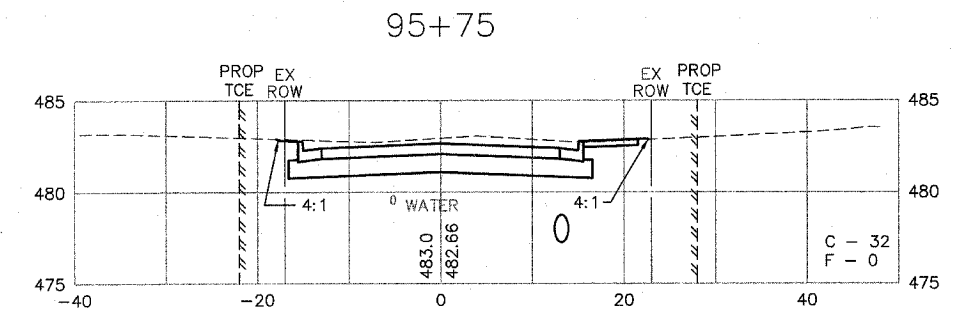
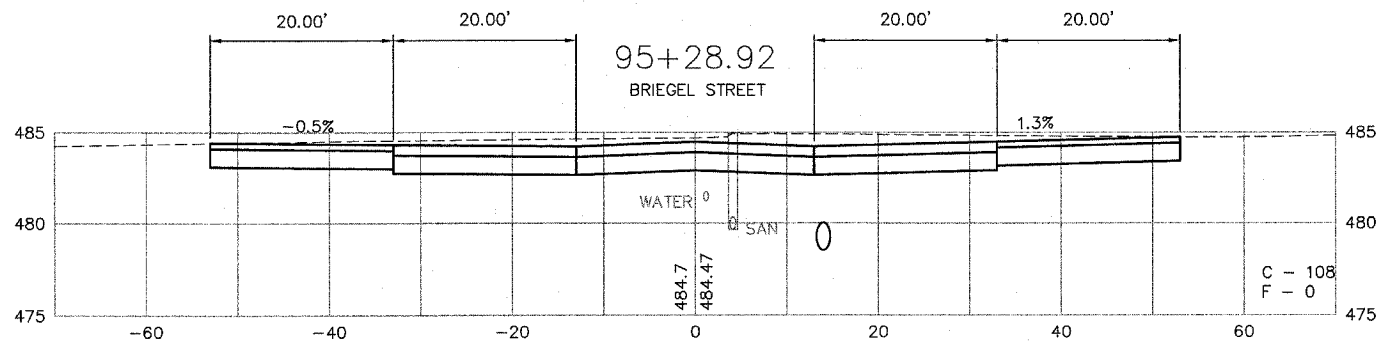
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DATE	BY
DATE	BY
DATE	BY



SCALE:  
VERT. 1"=5'  
HORIZ. 1"=10'



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	21
STA. 94+75		TO STA. 95+75		
CROSS SECTIONS				
CONTRACT NO. 97250				



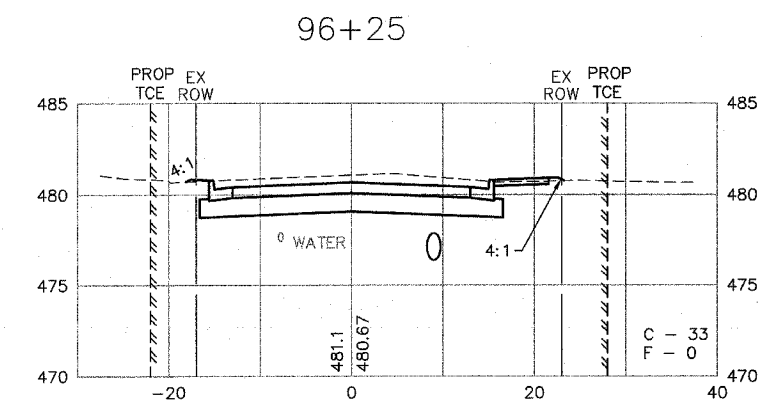
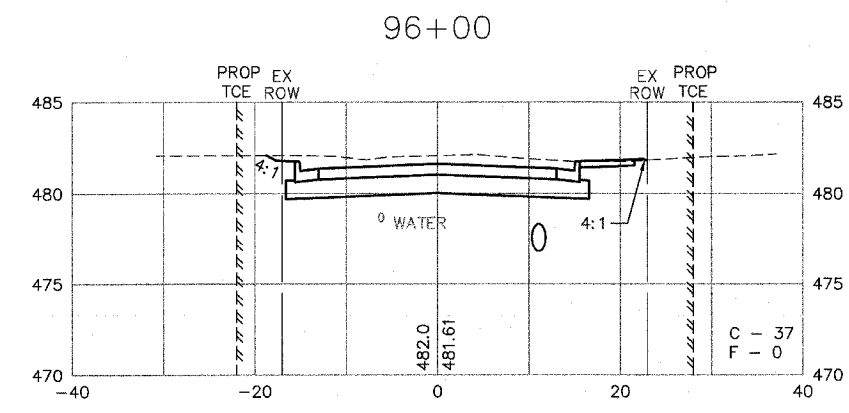
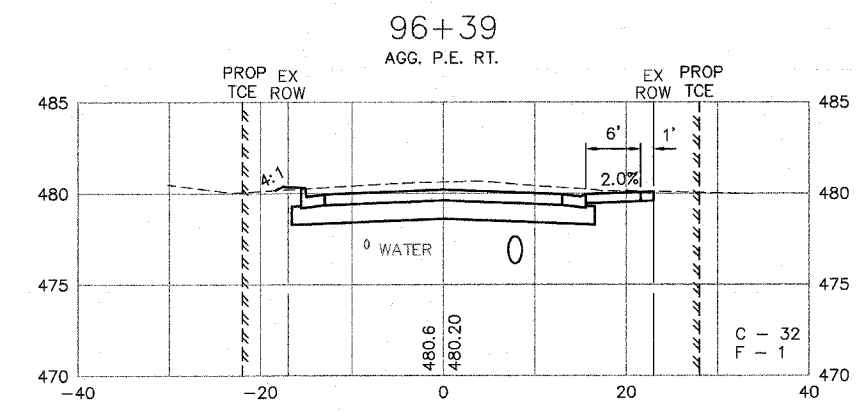
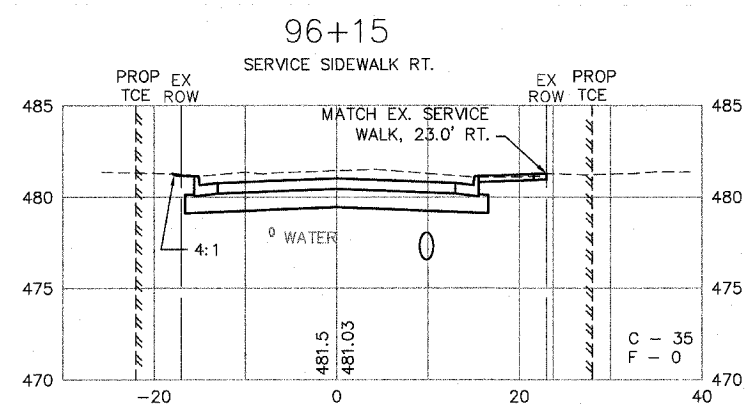
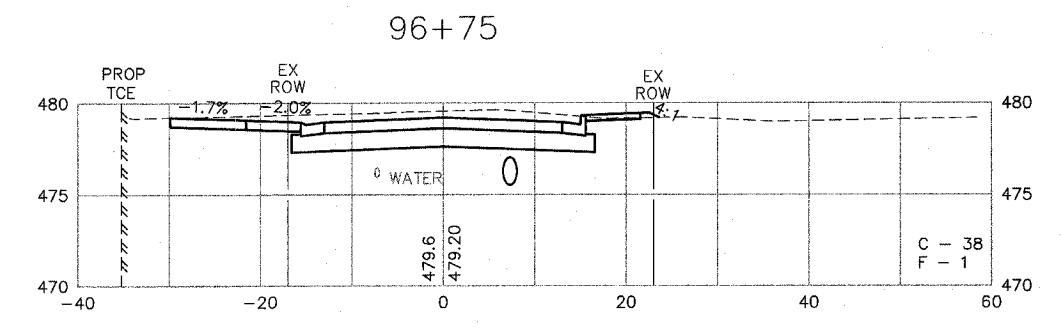
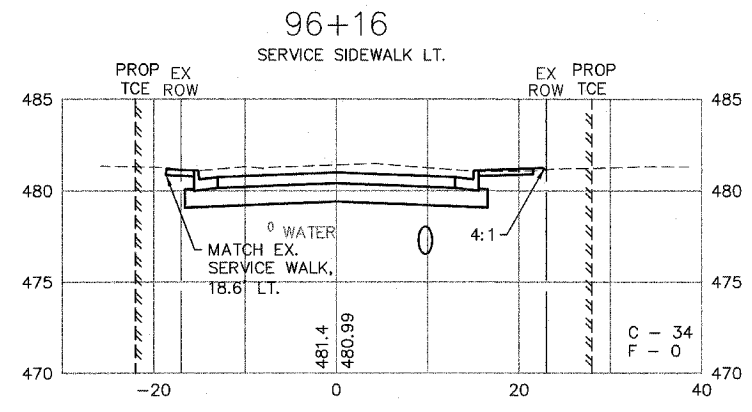
SCALE:  
VERT. 1"=5'  
HORZ. 1"=10'

BY	DATE

FINAL SURVEYED  
SURVEY PLOTTED  
NOTE BOOK TEMPLATE  
AREAS CHECKED  
NO.

BY	DATE

ORIGINAL SURVEYED  
SURVEY PLOTTED  
NOTE BOOK TEMPLATE  
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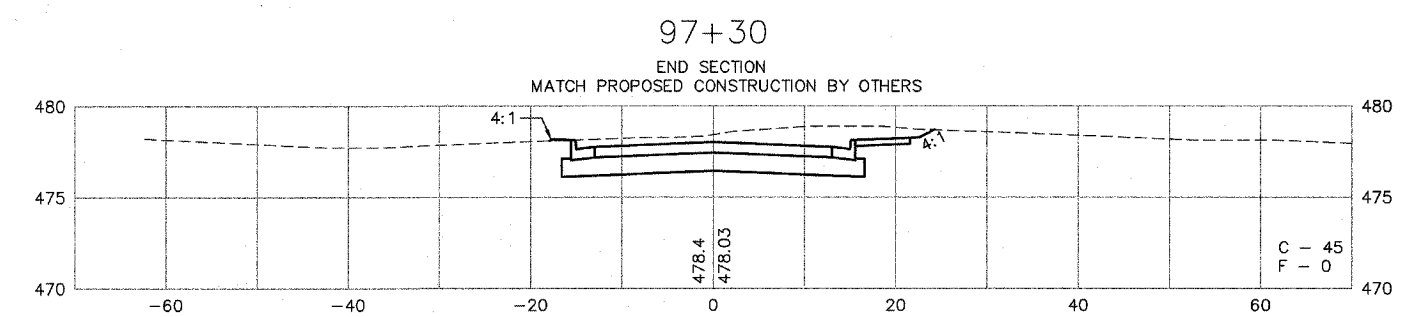
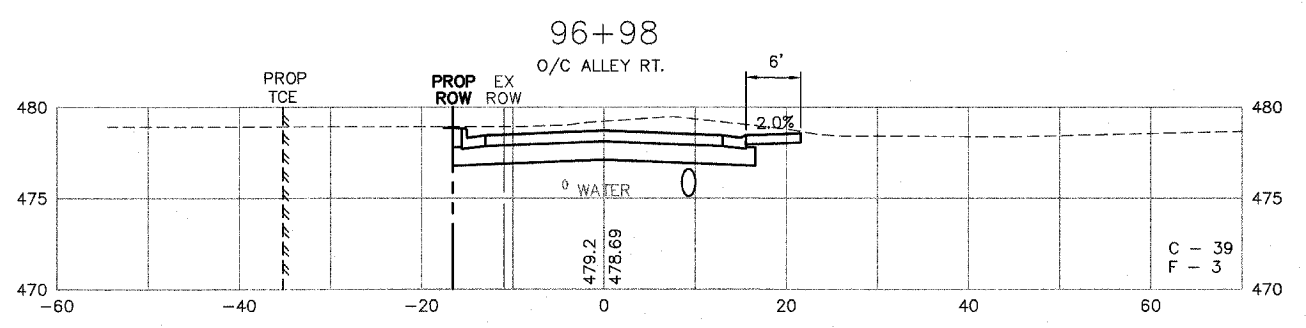
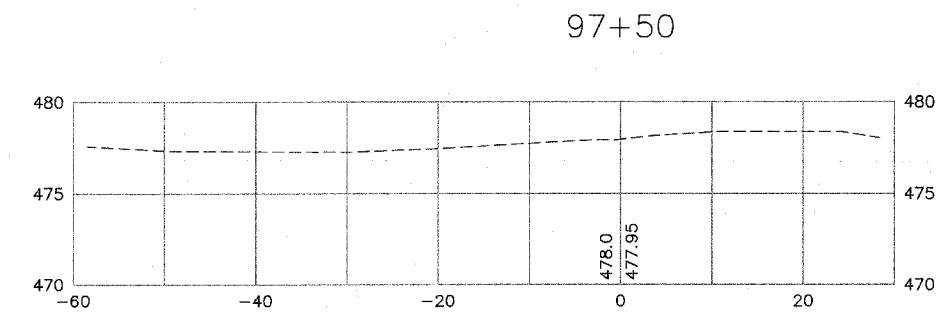
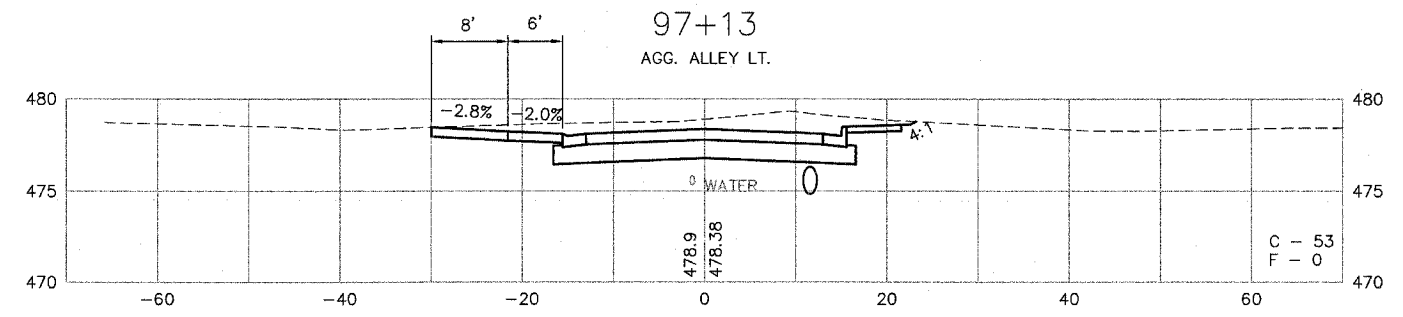
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BY	DATE

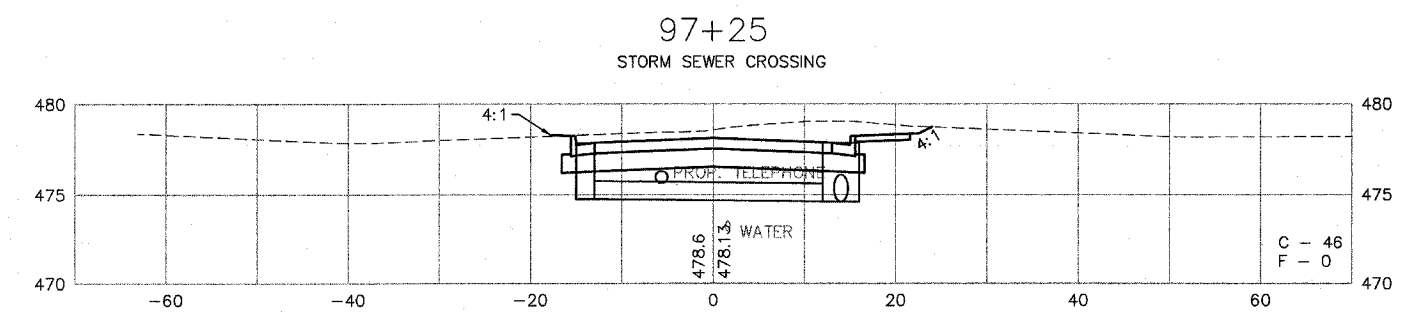
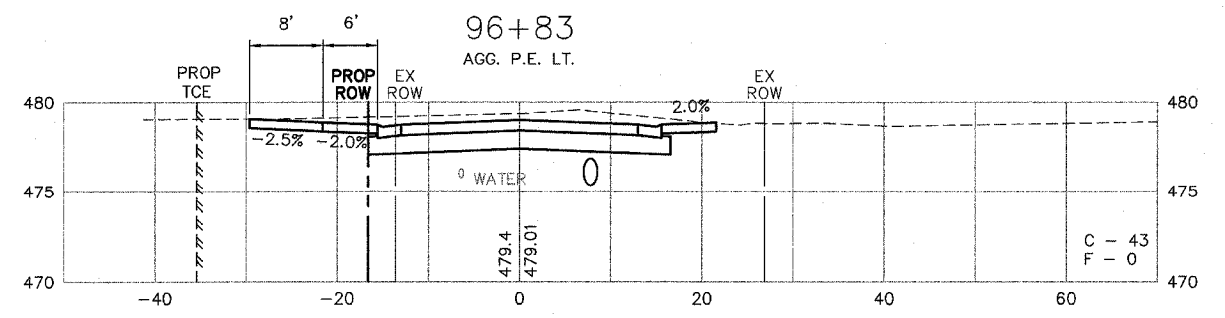
BY	DATE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9303	01-00032-05-PV	MONROE	23	23
STA. 96+83		TO STA. 97+50		
CROSS SECTIONS				
CONTRACT NO. 97250				

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



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



SCALE:  
VERT. 1"=5'  
HORIZ. 1"=10'