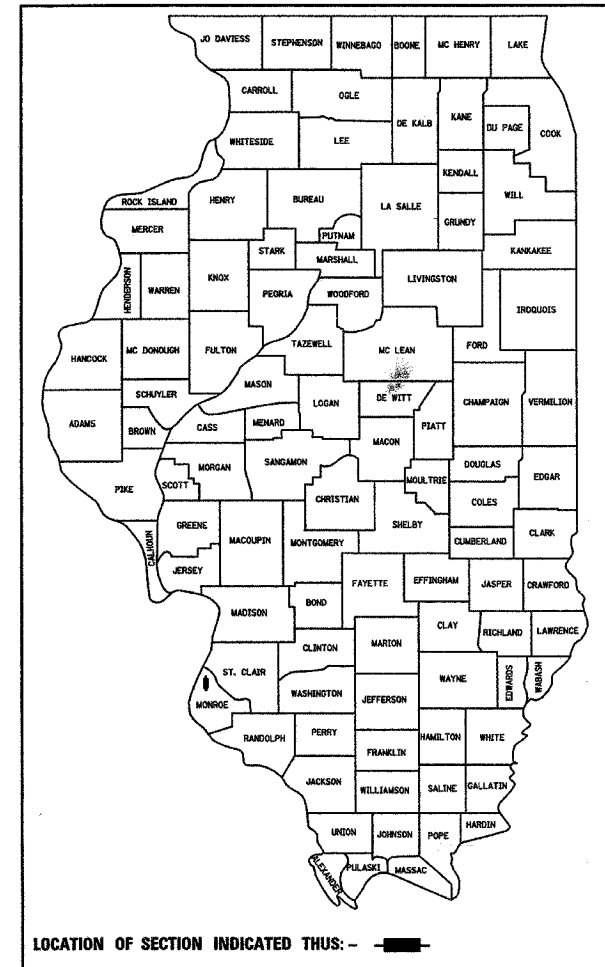


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
F.A.U. ROUTE 9306 – CARL STREET IMPROVEMENTS
SECTION 04-00042-00-PV
PROJECT NO. M-5011 (218)
JOB NO. C-98-369-06
CITY OF COLUMBIA
MONROE COUNTY, ILLINOIS



INDEX OF SHEETS

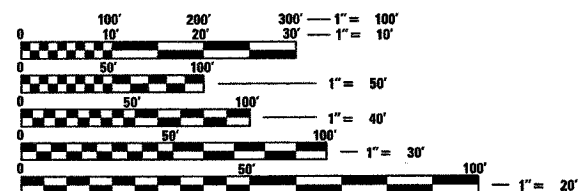
SHEET NO.	ITEM
1.	COVER SHEET
2.	GENERAL NOTES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	TYPICAL SECTIONS
6.-7.	PLAN & PROFILE SHEETS
8.	TRAFFIC CONTROL PLAN
9.-10.	STORM WATER POLLUTION PREVENTION PLAN
11.	RIGHT OF WAY PLAN
12.	PAVEMENT MARKING PLAN
13.	PAVEMENT JOINT LAYOUT
14.	INTERSECTION DETAILS
15.	INTERSECTION & ENTRANCE DETAILS
16.	RETAINING WALL DETAILS
17.-22.	CROSS SECTIONS

STANDARDS

000001-04	604086-01
280001-03	606001-03
420001-06	606006-01
424001-04	701101-01
542301-01	701106-01
601001-01	701421-01
601101	701701-04
602301-01	701801-03
602306-01	702001-06
602401-01	780001-01
602601-01	BLR 21-6
602701-01	BLR 22-4

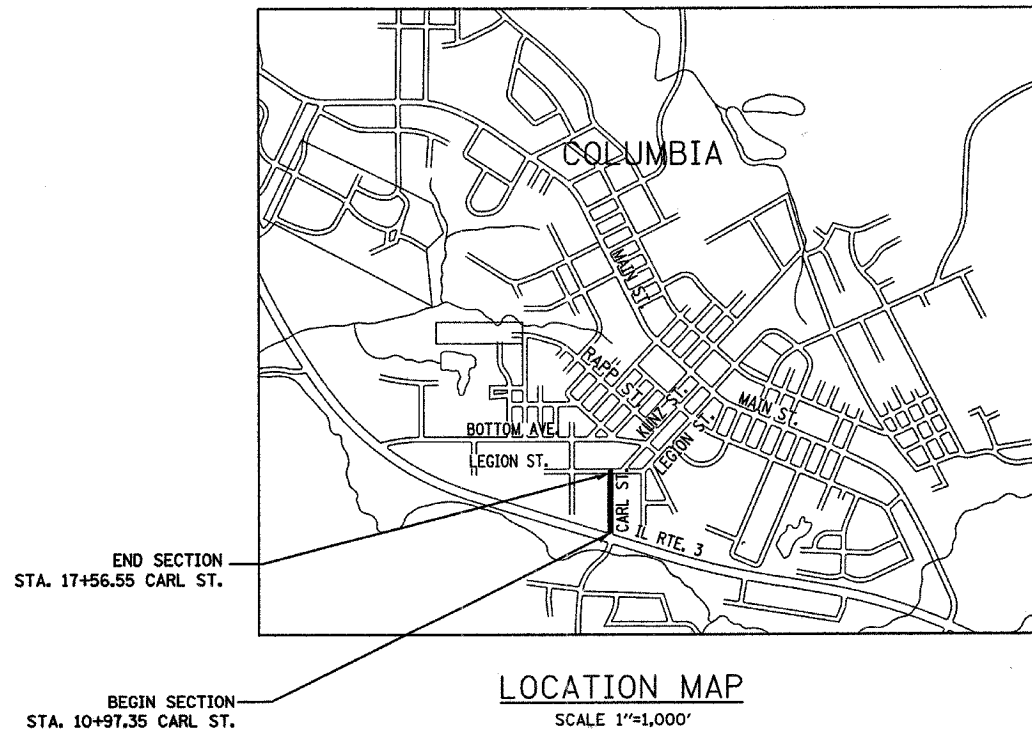
SCALE IN FEET

PLAN 1"=20'
 PROFILE 1"=20' HORZ.
 1"=5' VERT.
 CROSS SECTIONS 1"=10' HORZ.
 1"=5' VERT.



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.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123



NET LENGTH OF PROJECT = 659.20 FEET (0.125 MILES)

ROADWAY CLASSIFICATION = URBAN TWO-WAY COLLECTOR
 DESIGN SPEED = 30 M.P.H.
 CURRENT TRAFFIC (2007) = 950 A.D.T.
 PROJECTED TRAFFIC (2027) = 1,200 A.D.T.

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED 03/11/07 DATE
Kevin Hutchinson
 KEVIN HUTCHINSON, MAYOR

PASSED April 16, 2007 DATE
Jennifer Oberthur
 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW 4-16-07 DATE
Mary C. Lemie
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER



EXPIRES 11/30/2007

Thomas L. Cissell
 THOMAS L. CISSELL
 P.E. NO. 062-056015
 DATE: 03/12/07



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306	04-00042-00-PV	MONROE	22	2

GENERAL NOTES

GENERAL NOTES
CONTRACT NO. 97304
FEDERAL AID PROJECT

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.

AMEREN IP (GAS & ELECTRIC)
1050 WEST BOULEVARD
BELLEVILLE, IL 62222
(618) 236-4309

CHARTER COMMUNICATIONS (CABLE TV)
210 WEST DIVISION STREET
MARYVILLE, IL 62062
(618) 345-8121

CITY OF COLUMBIA (WATER & SEWER)
110 WEST SAND BANK ROAD
COLUMBIA, IL 62236
(618) 281-4264

HARRISONVILLE TELEPHONE COMPANY (TELEPHONE)
213 SOUTH MAIN STREET
WATERLOO, IL 62298-0149
(618) 939-4080

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.
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.
5. THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS ACCORDING TO 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 CONTRACT UNIT PRICES BID FOR THE VARIOUS ITEMS OF WORK INVOLVED. ANY DAMAGE DUE TO CONTRACTOR NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER.
7. 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.
8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
9. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
10. 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.
11. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
12. 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, SILT WEDGES OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.
13. THE CONSTRUCTION OF THE PROJECT WILL BE GOVERNED BY THE CONDITIONS OF THE GENERAL NPDES STORM WATER PERMIT ISSUED BY I.E.P.A. DIVISION OF WATER POLLUTION CONTROL. A "CONSTRUCTION POLLUTION PREVENTION PLAN" IS INCLUDED FOR THE CONTRACTOR'S USE. AS CHANGES TO THE PLAN ARE MADE, THE PLAN MUST BE REVISED AND KEPT CURRENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP A COPY OF THE PLAN AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES TO ENSURE THAT THE PLAN IS ADHERED TO.
14. 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.
15. EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING OIL & CHIP SURFACE, HOT-MIX ASPHALT ROADWAY SURFACE, HOT-MIX ASPHALT SHOULDER, AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT ONLY AT THE DIRECTION OF THE ENGINEER (SEE EARTHWORK SCHEDULE NOTES). SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
16. ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
17. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE CONSTRUCTION LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING CONSTRUCTION OPERATIONS.
18. FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM INVOLVED ACCORDING TO SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
19. 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 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 CONTRACT UNIT PRICE BID FOR EARTH EXCAVATION.
20. ALL CULVERT PIPE TO BE REMOVED, WHICH THE ENGINEER DEEMS FIT FOR RE-USE, SHALL BE SALVAGED BY THE CONTRACTOR ACCORDING TO ARTICLE 501.02 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE CONTRACTOR SHALL DISPOSE OF ALL OTHER CULVERT PIPE ACCORDING TO ARTICLE 202.03. TRENCHES RESULTING FROM THE REMOVAL OF EXISTING CULVERTS SHALL BE BACKFILLED ACCORDING TO SECTION 208 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
21. 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 CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE END OF THE FLARED END SECTION.
22. THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
23. ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH TYPE 3V GRATES AND OPEN CURB BOXES. SEE HIGHWAY STANDARD 604011 AND THE SPECIAL PROVISIONS FOR DETAILS.
24. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
25. 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 CONTRACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.
26. THE CONTRACTOR SHALL PLACE ALL TEMPORARY PAVEMENT MARKINGS IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
27. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. AS DIRECTED BY THE ENGINEER, PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH FIELD CONDITIONS.
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.

TEMPORARY EROSION CONTROL SEEDING	100 POUND
PERIMETER EROSION BARRIER	100 FOOT
PROTECTIVE COAT	2,501 SQ YD
ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	100 FOOT
TOPSOIL FURNISH AND PLACE, 4"	847 SQ YD
AGGREGATE FOR TEMPORARY ACCESS	150 TON
30. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

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
DND:	DO NOT DISTURB
ESMT:	EASEMENT
ELEV:	ELEVATION
EVCE:	END OF VERTICAL CURVE ELEVATION
EVCS:	END OF VERTICAL CURVE STATION
K:	LENGTH OF VERTICAL CURVE PER PERCENT 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
TYP:	TYPICAL
W:	WIDTH

PLOT DATE = 04/04/2007
 FILE NAME = H:\P\30005\Microstation\000001.dgn
 USER = JLN
 USER NAME = JLN

SUMMARY OF QUANTITIES

CONTRACT NO. 97304
FEDERAL AID PROJECT

SUMMARY OF QUANTITIES

STRUCTURAL DESIGN DATA

STRUCTURAL DESIGN TRAFFIC:	YEAR 2017
PV = 1,045	SU = 45 MU = 10
ROAD/STREET CLASSIFICATION:	Class II
PERCENTAGE OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR:	ACTUAL TF = 0.10
	MINIMUM TF = 0.5
SUBGRADE SUPPORT RATING	
	SSR = Poor
THEREFORE USE:	7" NON-REINFORCED P.C.C. PAVEMENT WITH 12.5' MAX. TRANSVERSE JOINT SPACING

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	52
20200100	EARTH EXCAVATION	CU YD	1,540
20800150	TRENCH BACKFILL	CU YD	131
21101815	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	847
25000115	SEEDING, CLASS 1B	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18
25000800	POTASSIUM FERTILIZER NUTRIENT	POUND	18
25100105	MULCH, METHOD 1	ACRE	0.4
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
28000300	TEMPORARY DITCH CHECKS	EACH	2
28000400	PERIMETER EROSION BARRIER	FOOT	100
28000500	INLET AND PIPE PROTECTION	EACH	12
28100105	STONE RIPRAP, CLASS A3	SQ YD	36
28200200	FILTER FABRIC	SQ YD	36
31100810	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	2,787
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	63
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	124
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	150
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	2,164
42001300	PROTECTIVE COAT	SQ YD	2,501
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	212
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2,064
42400800	DETECTABLE WARNINGS	SQ FT	16
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	125
44000300	CURB REMOVAL	FOOT	36
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	257

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
44000600	SIDEWALK REMOVAL	SQ FT	142
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	77
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	65
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	294
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	57
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	62
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	306
56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	100
60219200	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	2
60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	4
60237480	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	3
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	3
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,409
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,664
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	677
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,469
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	139
78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	86
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	109
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	280
XZ188000	RETAINING WALL REMOVAL	L SUM	1

• SPECIALTY ITEMS

SCHEDULES
CONTRACT NO. 97304
FEDERAL AID PROJECT

CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	COMB CURB GUTTER REM 44000500 (FOOT)	COMB CC&G TB6.18 60604400 (FOOT)
CARL STREET				
10+97.35	15+89.17	RT		538
10+97.36	15+89.18	LT		524
15+89.18	17+56.56	RT	84	173
15+89.19	17+56.57	LT	173	174
TOTAL			257	1,409

CURB AND GUTTER NOTES:

- PROPOSED CURB & GUTTER SHALL BE WARPED TO MATCH EXISTING CURBS IN 10' LINEAL FEET (MIN).
- PROPOSED CURB & GUTTER PAVEMENT JOINTS AND DETAILS SHALL CONFORM TO HIGHWAY STANDARD 606001.

SEEDING SCHEDULE

STATION	STATION	SEEDING CL 1 B 25000116 (ACRE)	NITROGEN FERT NUTR 25000400 (POUND)	PHOSPHORUS FERT NUTR 25000500 (POUND)	POTASSIUM FERT NUTR 25000600 (POUND)	MULCH METHOD 1 25100105 (ACRE)
CARL STREET						
10+97.35	15+89.17	0.17	15	15	15	0.34
15+89.17	17+56.55	0.03	3	3	3	0.06
TOTAL		0.20	18	18	18	0.40

PAVEMENT SCHEDULE

STATION	STATION	SUB GRAN MAT A 12 31100910 (SQ YD)	AGG BASE CSE A 6 35100500 (SQ YD)	INCIDENTAL HMA SURF (NOTE 1) 40800050 (TON)	PCC PVT 7 42000200 (SQ YD)	HMA SHOULDERS 8 48203029 (SQ YD)
CARL STREET						
10+97.35	15+89.17	2,183			1,742	77
15+89.17	17+56.55	604			422	
17+55.51	17+60.51		31	5		
TOTAL		2,787	31	5	2,164	77

PAVEMENT NOTES:

- INCIDENTAL HOT-MIX ASPHALT SURFACING QUANTITY IS CALCULATED AT A RATE OF 220 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 HOT-MIX ASPHALT SURFACING. THE PROPOSED INCIDENTAL HOT-MIX ASPHALT SURFACING THICKNESS IS 3". SEE THE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY.

PAVEMENT MARKING SCHEDULE

STATION	STATION	TEMP PVT MK LINE 4 (NOTE 2) 70300220 (FOOT)	WORK ZONE PAVT MK REM (NOTE 2) 70301000 (SQ FT)	PAINT PVT MK LINE 4 (NOTE 1) 78001110 (FOOT)	PAINT PVT MK LINE 6 (FOOT) 78001130	PAINT PVT MK LINE 8 (FOOT) 78001140	PAINT PVT MK LINE 12 (FOOT) 78001150
10+97.35	15+89.17	1,343	544	1,159		86	98
15+89.17	17+56.55	321	133	310	66		11
LEGION STREET					73		
TOTAL		1,664	677	1,469	139	86	109

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- ESTIMATED QUANTITY: ENGINEER WILL DETERMINE EXACT DIMENSIONS IN THE FIELD.

ENTRANCE SCHEDULE

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W.E." (NOTE 1) (FOOT)	ENTRANCE WIDTH "W.P." (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	AGG BASE CSE A 6 (SQ YD)	AGG SURF CSE A 6 (SQ YD)	INCIDENTAL HMA SURF (NOTE 1 & 2) 40800050 (TON)	PCC DRIVEWAY PAVT 6 (SQ YD)	DRIVE PAVEMENT REM (NOTE 3) (SQ YD)	CURB REM (FOOT)
CARL STREET												
12+20.82	RT	P.E.	12	12	10	CONCRETE				22	21	
12+62.86	LT	P.E.	20	20	3.2	ASPHALT	7		1	14	25	
12+71.94	RT	P.E.	13.8	14	8.9	AGGREGATE		14		10		
13+12.81	LT	P.E.	12.8	14	5.7	AGGREGATE		8		10		
13+49.46	RT	P.E.	10.7	12	3.9	AGGREGATE		5		9		
13+81.05	RT	P.E.	10.9	12	6.3	CONCRETE				17	14	
14+25.00	RT	P.E.	11.4	12	15.3	AGGREGATE		20		8		36
14+37.97	LT	P.E.	14.1	15	10	AGGREGATE		16		11		
14+38.50	RT	P.E.	13.8	14	15.3	AGGREGATE		24		9		
14+63.36	LT	P.E.	11.8	12	0.6	CONCRETE				10	13	
15+19.08	LT	P.E.	8	12	10.2	AGGREGATE		11		9		
15+24.28	RT	P.E.	11.3	12	10.5	AGGREGATE		14		9		
15+89.17	RT	ALLEY					17		3			
15+89.17	LT	ALLEY					8		1			
16+20.94	RT	P.E.	15.6	16	6.9	AGGREGATE		12		14		
16+33.11	LT	P.E.	10	12	8.1	CONCRETE				19	19	
16+62.32	LT	P.E.	10	12	3.8	CONCRETE				14	15	
16+64.90	RT	P.E.	21.2	22	3.7	CONCRETE				27	18	
TOTAL							32	124	5	212	125	36

ENTRANCE NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES.
- INCIDENTAL HOT-MIX ASPHALT SURFACING QUANTITY IS CALCULATED AT A RATE OF 220 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 HOT-MIX ASPHALT SURFACING. SEE THE PAVEMENT SCHEDULE FOR ADDITIONAL QUANTITY.
- DRIVEWAY PAVEMENT REMOVAL INCLUDES CURB REMOVAL ON ENTRANCES AT STA. 16+33.11, STA. 16+62.32, AND STA. 16+64.90.

EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION 20200100 (NOTE 2) (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE (+) OR SHORTAGE (-) (NOTE 2) (CU YD)	TOPSOIL F&P 4 21101615 (SQ YD)
CARL STREET						
10+97.35	15+89.14	1,235	926	17	909	719
15+89.14	17+56.55	305	229	5	224	128
TOTAL		1,540	1,155	22	1,133	847

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- EARTH EXCAVATION MAY NOT BE SUITABLE FOR USE AS EMBANKMENT AND SHALL BE REMOVED FROM THE RIGHT-OF-WAY. THE CITY RESERVES THE RIGHT TO EVALUATE EXCAVATED MATERIAL TO DETERMINE IF IT IS SUITABLE FOR EMBANKMENT (SEE SPECIAL PROVISIONS). AN APPROXIMATE EARTHWORK BALANCE AND EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- ALL EARTH AREAS SHALL BE COVERED WITH AT LEAST 4" OF CLEAN EARTH MATERIAL. THE APPROXIMATE QUANTITY OF TOP SOIL NECESSARY TO COMPLETE THIS WORK IS INCLUDED IN THE CONTRACT.

SIDEWALK SCHEDULE

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) 42400100 (SQ FT)	DETECTABLE WARNINGS (NOTE 2) 42400800 (SQ FT)	SIDEWALK REM (SQ FT) 44000600
CARL STREET					
10+97.35	15+89.17	RT	1,340		
10+97.35	15+89.17	LT			
15+89.17	17+56.55	RT	679	10	53
15+89.17	17+56.55	LT	45	6	89
TOTAL			2,064	16	142

SIDEWALK NOTES:

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS AND HIGHWAY STANDARD 424001 FOR LOCATIONS AND TYPES.
- DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS AND WILL BE PAID FOR AS DETECTABLE WARNINGS, SQ FT. DETECTABLE WARNING MATERIAL SHALL BE RED, PRECAST CONCRETE WITH TRUNCATED DOMES.

LEGEND

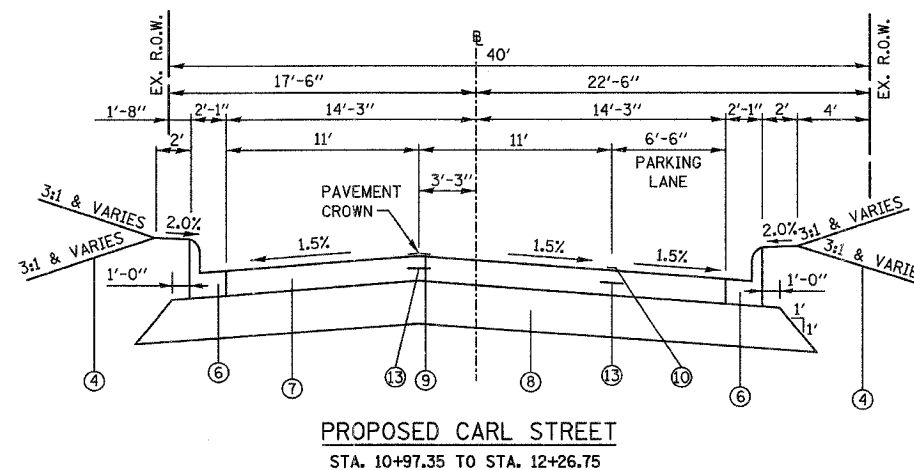
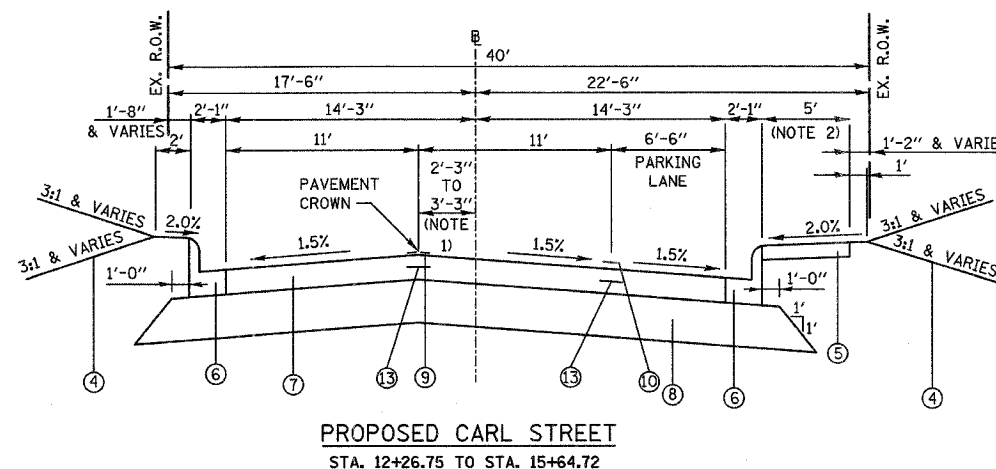
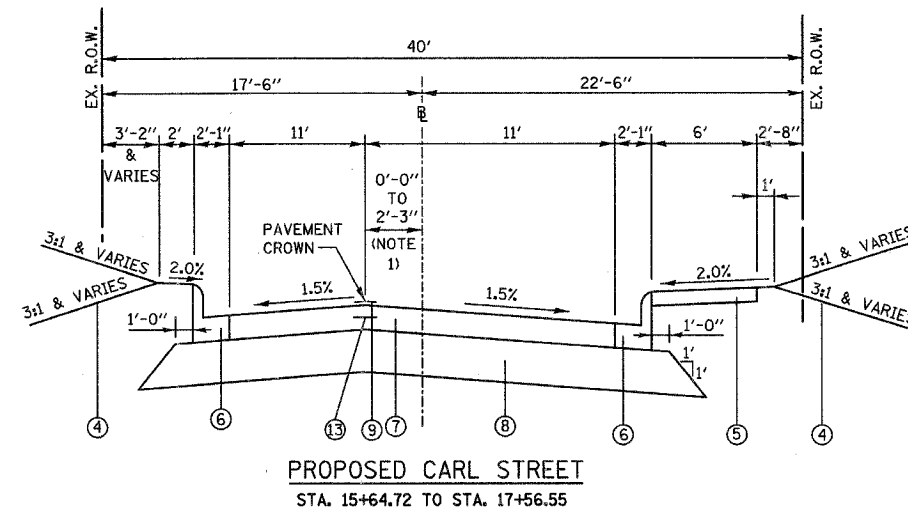
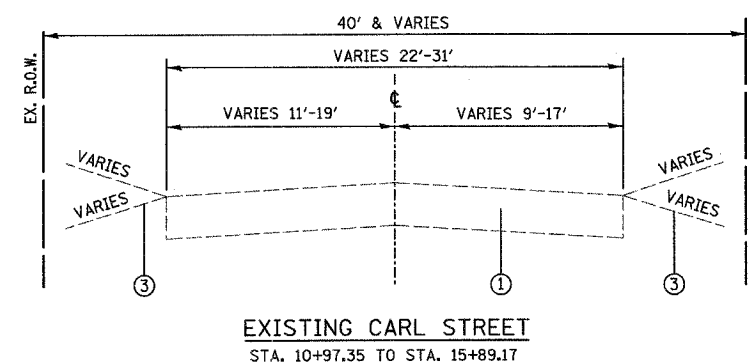
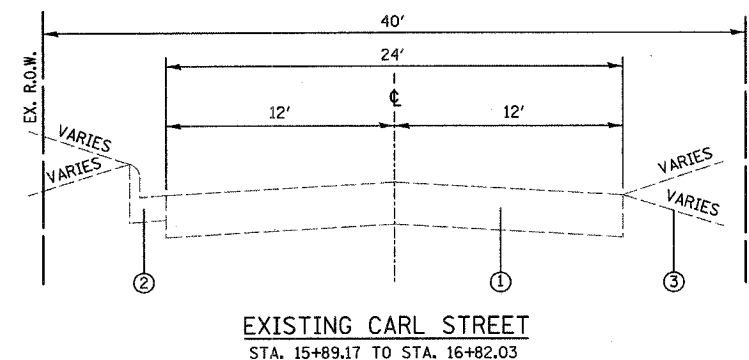
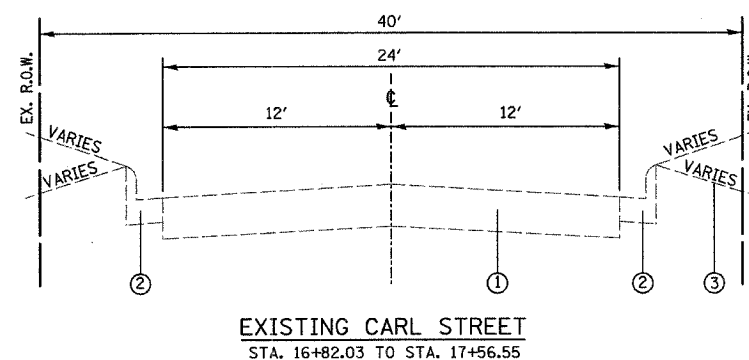
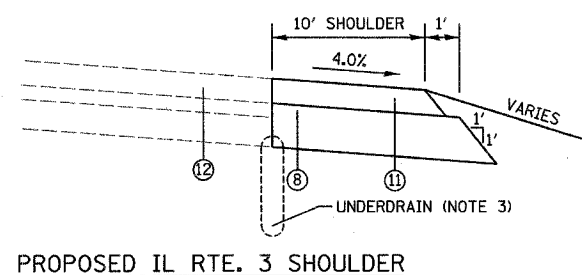
- ① EXISTING OIL & CHIP / HOT MIX ASPHALT ON AGGREGATE BASE
- ② EXISTING COMBINATION CONCRETE CURB & GUTTER
- ③ EXISTING EARTH AREA
- ④ PROPOSED GRASS AREA
- ⑤ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- ⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- ⑦ PROPOSED PCC PAVEMENT, 7"
 - a. SEE HIGHWAY STANDARD BLR 10 FOR:
 - PAVEMENT JOINT LAYOUT DETAILS.
 - TRANSVERSE JOINT DETAILS.
 - EXPANSION JOINT DETAILS.
 - b. SEE HIGHWAY STANDARD 420001 FOR:
 - LONGITUDINAL JOINT DETAILS.
 - c. SEE HIGHWAY STANDARD 606001 FOR:
 - TIE BAR DETAILS ALONG THE EXISTING CURB.
 - d. PORTLAND CEMENT CONCRETE SHALL HAVE TYPE A FINISH.
- ⑧ PROPOSED SUB-BASE GRANULAR MATERIAL, 12"
- ⑨ PROPOSED PAINT PAVEMENT MARKING - LINE 4" (DOUBLE SOLID YELLOW)
- ⑩ PROPOSED PAINT PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑫ EXISTING HOT-MIX ASPHALT SURFACE
- ⑬ LONGITUDINAL SAWED JOINT, KEY JOINT, OR CONSTRUCTION JOINT (SEE PAVEMENT JOINT LAYOUT, SHEET 13)

NOTES

1. THIS DIMENSION VARIES FROM 3'-3" AT STATION 15+40.24 TO 0' AT STATION 16+37.96.
2. THE SIDEWALK IS 6' WIDE FROM STATION 15+62.12 TO STATION 17+55.47
3. THE DOWNSTREAM END OF THE UNDERDRAIN SHALL BE CAPPED. THE UPSTREAM END SHALL BE OUTLETTED ACROSS THE SHOULDER AND INTO THE ROADSIDE DITCH WITH A CONCRETE HEADWALL. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

MIXTURE REQUIREMENTS

20 YR ESAL'S	INCIDENTAL HOT-MIX ASPHALT SURF	HOT-MIX ASPHALT SHOULDER
MIXTURE USE	PG 64-22	PG 58-22
AC/PG	15%	30%
RAP% (MAX)	4.0% @ NDES=50	2.0% @ NDES=30
DESIGN AIR VOIDS		
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	MIXTURE C	BAM



REVISIONS	
NAME	DATE

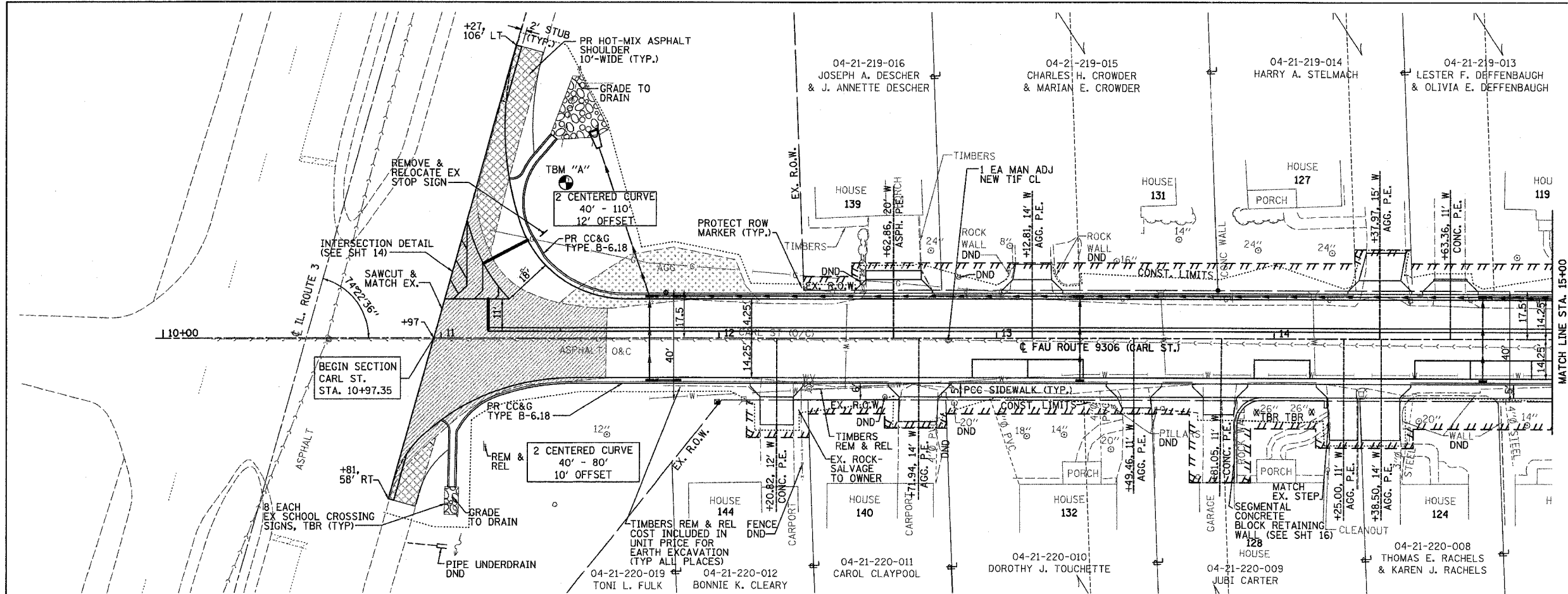
ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING AND PROPOSED
 TYPICAL SECTIONS
 CARL STREET
 SECTION 04-00042-00-PV
 MONROE COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306	04-00042-00-PV	MONROE	22	6
STA. 10+00		TO STA. 15+00		
PLAN & PROFILE				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				

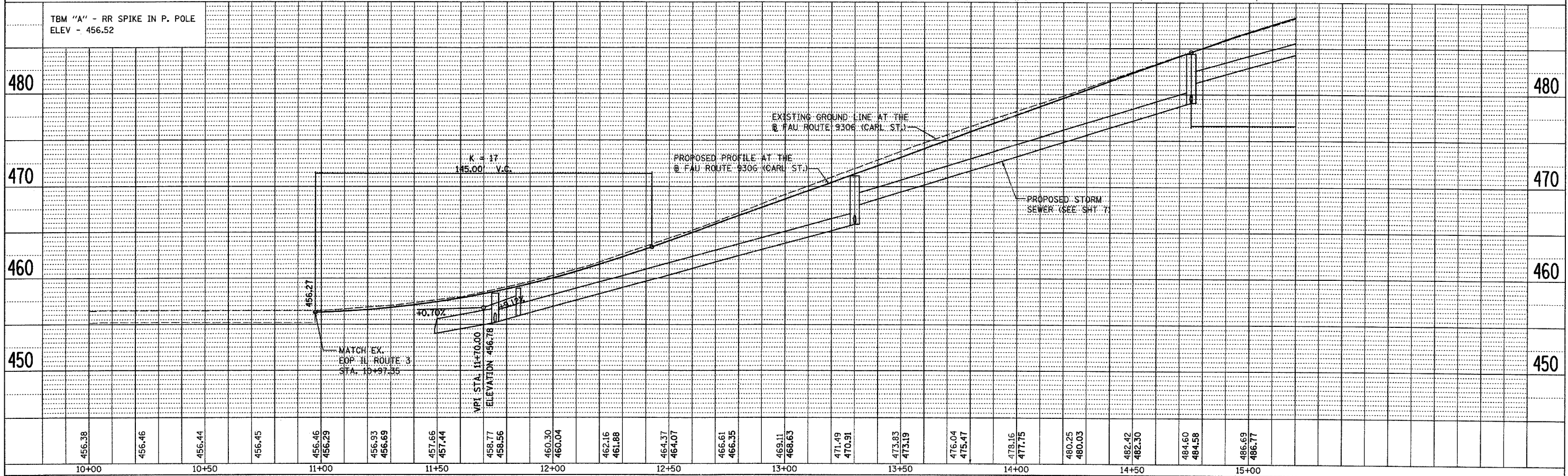
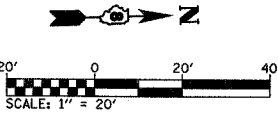
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PLOT DATE = 04/14/2007
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 PLOT SCALE = 20/800 / IN.
 USER NAME = JUSER



LEGEND	
	REMOVE EXISTING HOT-MIX ASPHALT PAVEMENT
	REMOVE EXISTING HOT-MIX ASPHALT SHOULDER
	REMOVE EXISTING AGGREGATE SURFACE
	INCIDENTAL HOT-MIX ASPHALT SURFACE, 2"
	PROPOSED TEMPORARY CONSTRUCTION EASEMENT



STA. 10+00 TO STA. 15+00 CARL ST.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306	04-00042-00-PV	MONROE	22	7
STA. 15+00		TO STA. 17+74.06		
PLAN & PROFILE				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				

DRAINAGE STRUCTURE SCHEDULE

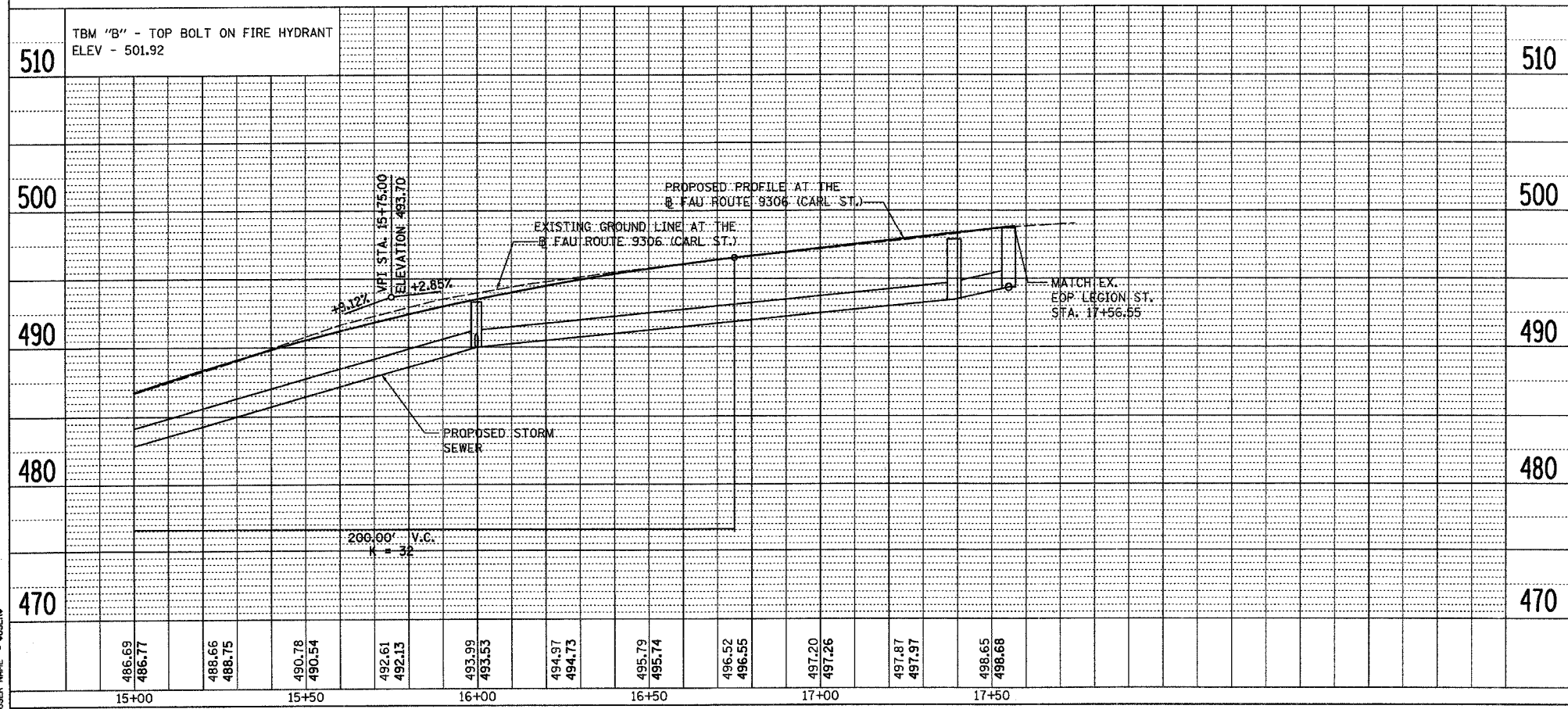
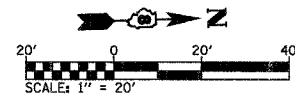
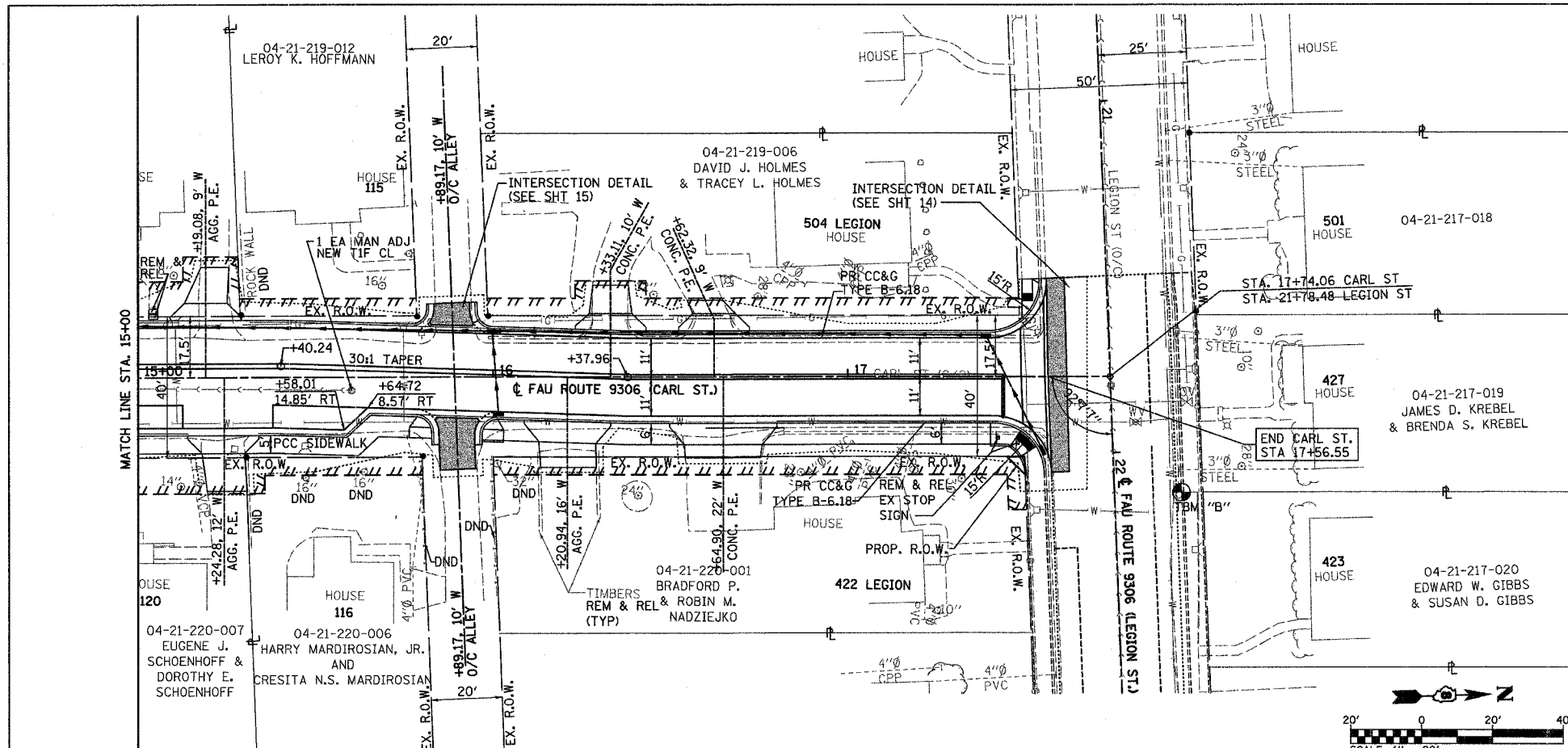
STATION	OFFSET	PRC FLAR END SEC 18	MAN TA 4DIA T10F&G	MAN TA 4DIA T23F&G	INLETS TA T23F&G	INLETS TB T23F&G	RIM ELEV (NOTE 1) (FOOT)	INVERT ELEV					
								NORTH	SOUTH	EAST	WEST		
CARL STREET													
11+54.66	75.08' LT	1					454.00						
11+75	15.25' LT					1	458.35	455.19	455.05	455.05			
11+75	15.25' RT					1	458.35	455.35			455.35		
11+85	15.25' LT				1		458.90	455.88	455.88				
11+85	15.25' RT				1		458.90		456.04				
13+30	15.25' LT		1				471.16	467.86	465.86	465.86			
13+30	15.25' RT		1				471.16				466.16		
14+75	15.25' LT		1				484.37	481.07	479.07	479.07			
14+75	15.25' RT		1				484.37				479.37		
15+99.79	13.03' LT				1	1	493.31	489.99	489.99	489.99			
16+01.53	10.54' RT						493.46				490.58		
17+39.02	11.75' LT	1					497.90	493.47	493.47				
17+54.96	20.71' RT	1					498.74				494.38		
TOTAL		1	2	4	3	3							

DRAINAGE STRUCTURE NOTES:
 1. RIM ELEVATION FOR STRUCTURES ALONG THE STREET ARE GIVEN AT THE EDGE OF PAVEMENT. RIM ELEVATIONS GIVEN FOR STRUCTURES IN LAWN AREAS ARE GIVEN AT THE TOP OF THE FINISHED FRAME OR GRATE.

STORM SEWER SCHEDULE

FROM STA.	OFFSET	TO STA.	OFFSET	TRENCH BACKFILL	STORM SEW CLA 1 12	STORM SEW CLA 1 15	STORM SEW CLA 1 18	STORM SEW CLA 2 12	STORM SEW CLA 2 15	SLOPE
				(CU YD)	550A0050	550A0070	550A0090	550A0340	550A0360	
CARL STREET										
11+54.66	75.08' LT	11+75	15.25' LT	1				57		1.67%
11+75	15.25' LT	11+85	15.25' LT	1			10			6.88%
11+75	15.25' RT	11+75	15.25' RT	4	31					0.97%
11+75	15.25' RT	11+85	15.25' RT	1	10					6.88%
11+85	15.25' LT	13+30	15.25' LT	28			145			6.88%
13+30	15.25' LT	13+30	15.25' RT	10				31		0.97%
13+30	15.25' LT	14+75	15.25' LT	31					145	7.73%
14+75	15.25' LT	14+75	15.25' RT	9				31		0.97%
14+75	15.25' LT	15+99.79	13.03' LT	15					125	7.14%
15+99.79	13.03' LT	16+01.53	10.54' RT	3	24					2.50%
15+99.79	13.03' LT	17+39.02	11.75' LT	20			139			2.50%
17+39.02	11.75' LT	17+54.96	20.71' RT	8					36	2.50%
TOTAL				131	65	294	57	62	306	

PLAN & PROFILE STA. 15+00 TO STA. 17+74.13 - CARL ST.

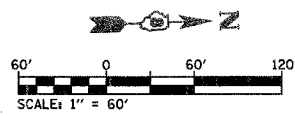


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DATE	BY

DATE: 04/24/2007
 PLOT DATE: 04/24/2007
 PLOT SCALE: 20.000 / IN.
 USER NAME: USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306	04-00042-00-PV	MONROE	22	8
STA.		TO STA.		
TRAFFIC CONTROL PLAN				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				



LEGEND

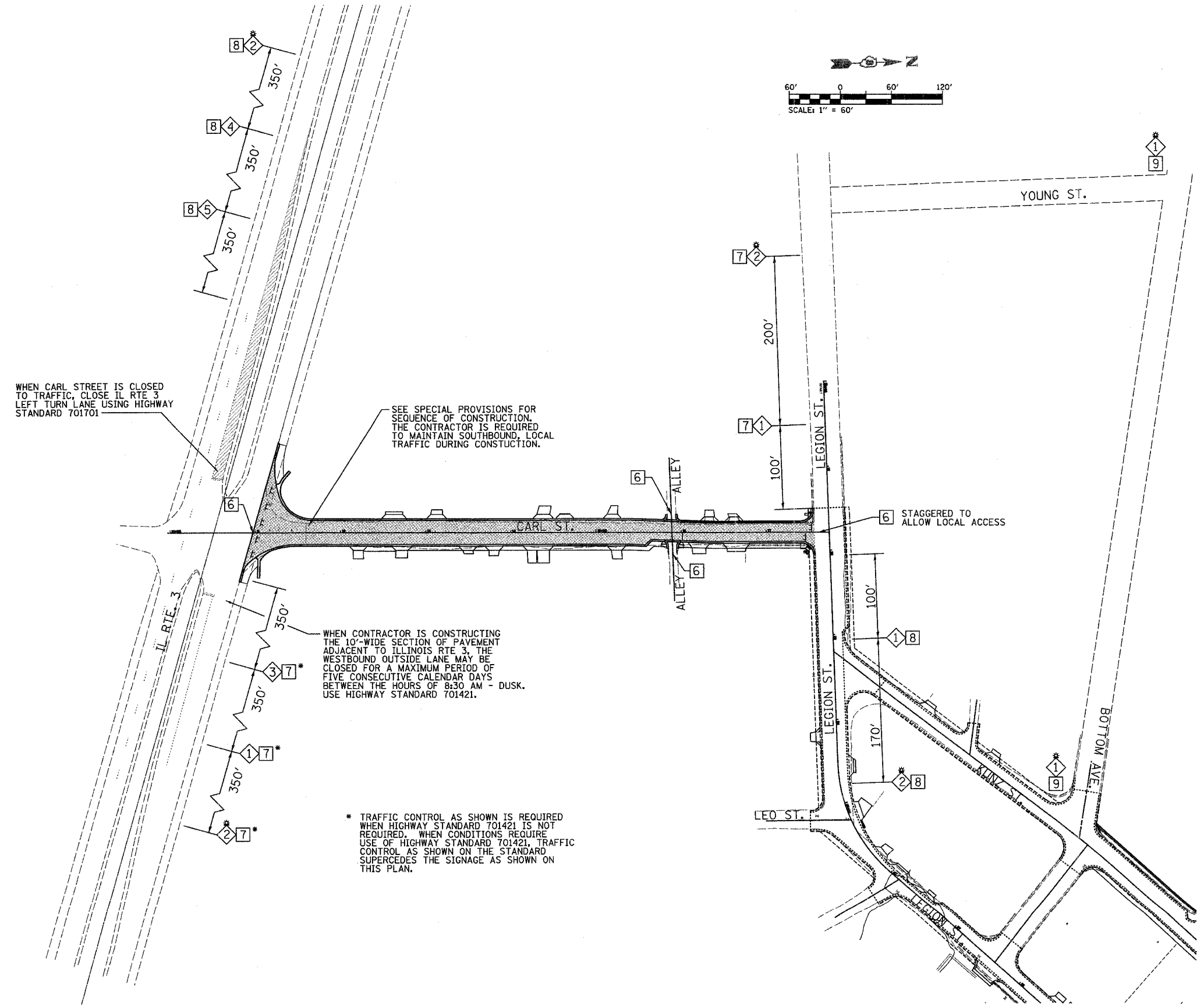
- 1 ROAD CLOSED AHEAD-W20-3(O)
- 2 ROAD CONSTRUCTION AHEAD-W20-1(O)
- 3 BARRICADE AHEAD
- 4 LEFT TURN LANE CLOSED AHEAD-W20-1103(O)
- 5 WORKERS-W21-1a(O)
- 6 TYPE III BARRICADES, R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC) SIGNS, AND TYPE A LOW INTENSITY FLASHING LIGHTS
- 7 24" x 24"
- 8 24" x 24"
- 9 24" x 12"
- 10 TYPE A LOW INTENSITY FLASHING LIGHT
- WORK ZONE (TYP)
- LANE CLOSURE (TYP)
- 48" x 48" FLUORESCENT ORANGE
- CARL ST.

NOTES

- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 702001 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND TYPE III BARRICADES DURING HOURS OF DARKNESS.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- SPACE WARNING SIGNS APPROXIMATELY 200' APART (UNLESS OTHERWISE NOTED). EXACT LOCATION OF WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE A LOW INTENSITY FLASHING LIGHT MOUNTED ON TOP OF EACH BARRICADE.
- ALL RESIDENTS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
- SEE HIGHWAY STANDARD 701501 FOR DAYTIME SINGLE LANE CLOSURES.

REVISIONS	
NAME	DATE

CARL STREET TRAFFIC CONTROL PLAN



WHEN CARL STREET IS CLOSED TO TRAFFIC, CLOSE IL RTE 3 LEFT TURN LANE USING HIGHWAY STANDARD 701701

SEE SPECIAL PROVISIONS FOR SEQUENCE OF CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO MAINTAIN SOUTHBOUND, LOCAL TRAFFIC DURING CONSTRUCTION.

WHEN CONTRACTOR IS CONSTRUCTING THE 10'-WIDE SECTION OF PAVEMENT ADJACENT TO ILLINOIS RTE 3, THE WESTBOUND OUTSIDE LANE MAY BE CLOSED FOR A MAXIMUM PERIOD OF FIVE CONSECUTIVE CALENDAR DAYS BETWEEN THE HOURS OF 8:30 AM - DUSK. USE HIGHWAY STANDARD 701421.

* TRAFFIC CONTROL AS SHOWN IS REQUIRED WHEN HIGHWAY STANDARD 701421 IS NOT REQUIRED. WHEN CONDITIONS REQUIRE USE OF HIGHWAY STANDARD 701421, TRAFFIC CONTROL AS SHOWN ON THE STANDARD SUPERCEDES THE SIGNAGE AS SHOWN ON THIS PLAN.

PLOT DATE = 04/24/2007
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 USER NAME = MUSER

STORM WATER POLLUTION PREVENTION PLAN

CONTRACT NO. 97304 FEDERAL AID PROJECT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9306	04-00042-00-PV	MONROE	22	9
STA.		TO STA.			
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 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 0.12 MILES OF CARL STREET.
2. IMPROVEMENT CONSISTS OF REMOVALS, EARTHWORK, AGGREGATE BASE COURSE, 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 RIP RAP, 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 ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE 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 0.2 ACRES OF WHICH 0.2 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 WILSON 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 ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST 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.

Ron Williams

RON WILLIAMS/ PE
CITY ENGINEER
CITY OF COLUMBIA, ILLINOIS

3/27/2007

DATE

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. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIP RAP 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 OF 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 BIWEEKLY 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 SEEDING.

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 MEDIUM 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.

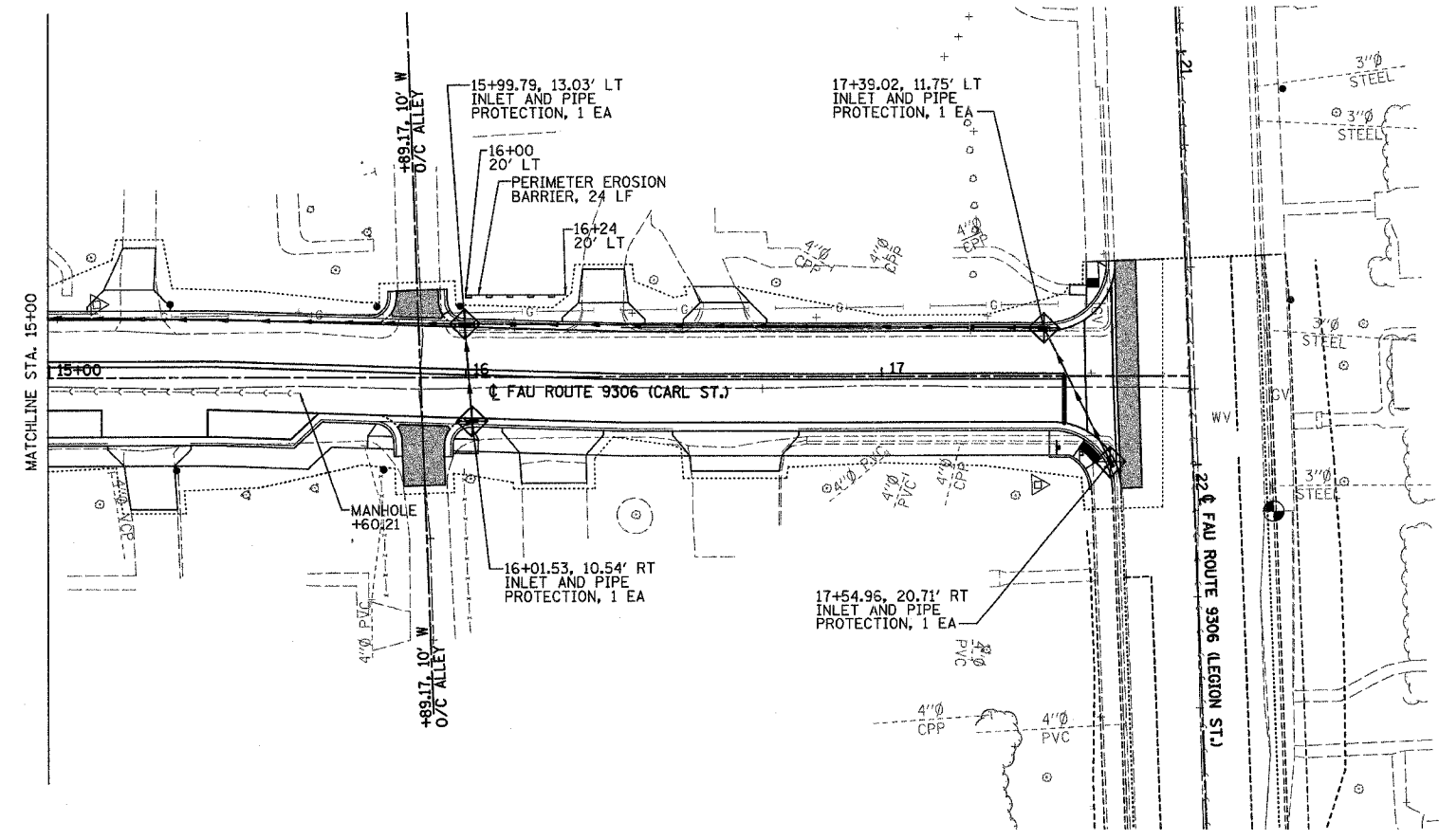
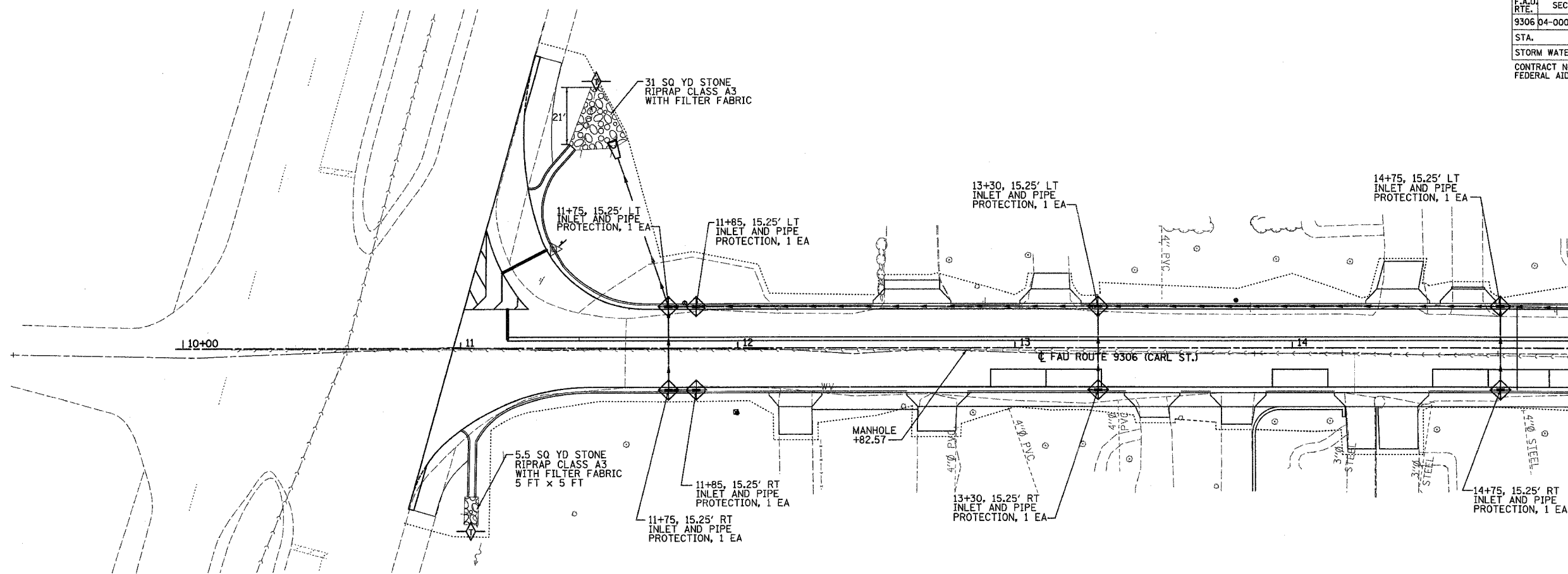
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.

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.

REVISIONS	
NAME	DATE

CARL STREET
STORM WATER POLLUTION
PREVENTION PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306 D4-00042-00-PV		MONROE	22	10
STA.		TO STA.		
STORM WATER POLLUTION PREVENTION PLAN				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				

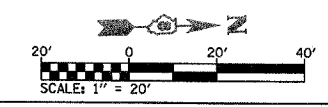


LEGEND

- 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

NOTES

1. ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.
2. 100 LF OF PERIMETER EROSION BARRIER WAS 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 THIS ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.



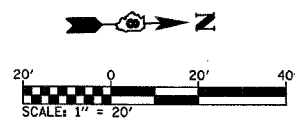
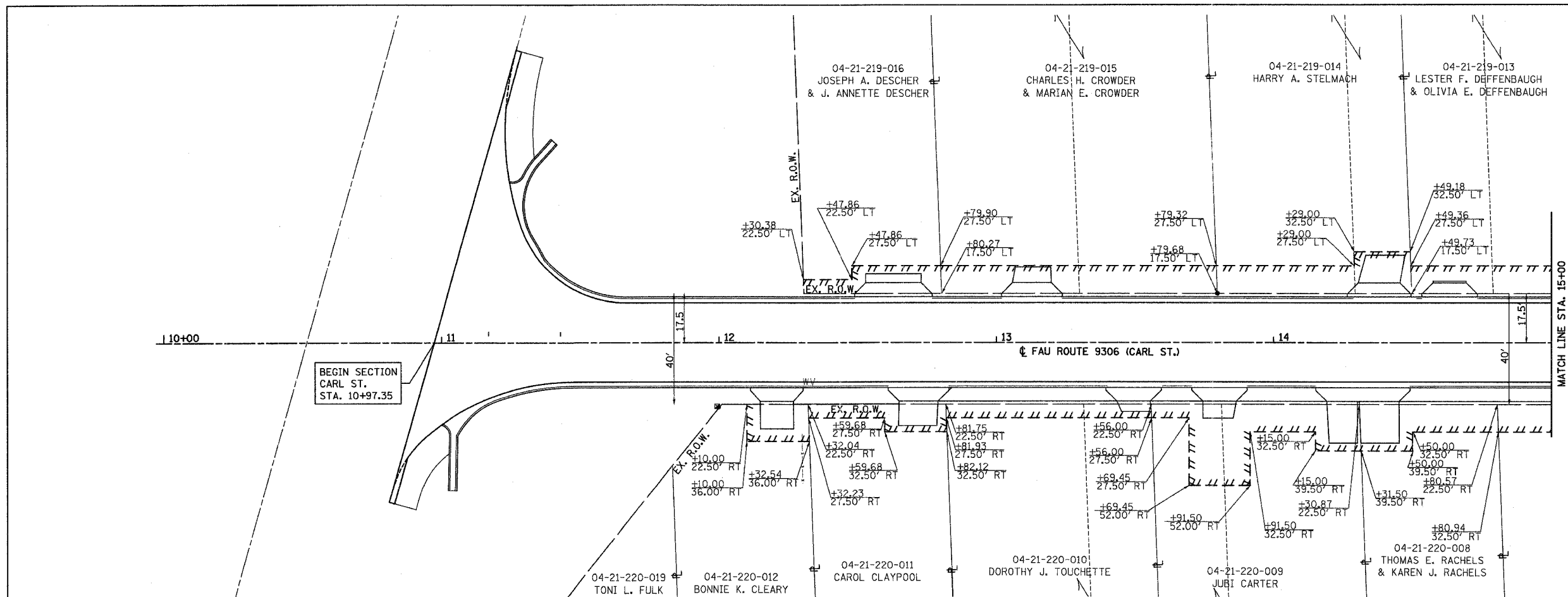
REVISIONS	
NAME	DATE

**CARL STREET
STORM WATER POLLUTION
PREVENTION PLAN**

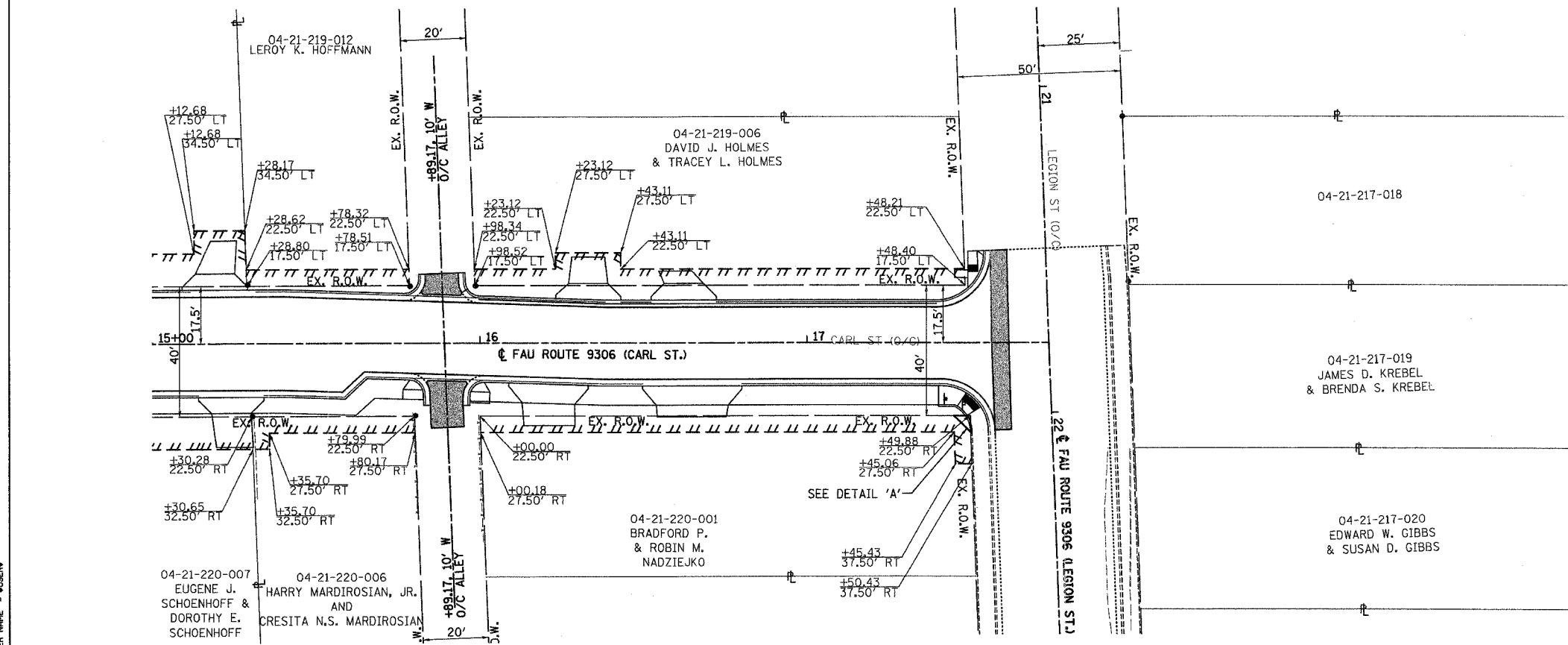
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306	04-00042-00-PV	MONROE	22	11
STA. TO STA.				
RIGHT OF WAY				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				

PLAN	BY	DATE
REVISIONS		
NO.		
DATE		
BY		
DATE		
BY		
DATE		

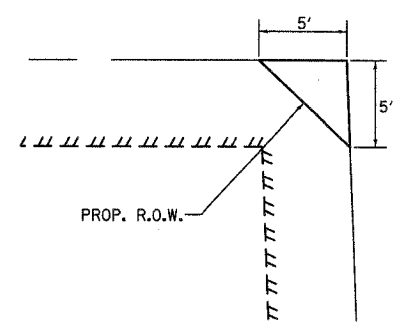


PROFILE	BY	DATE
REVISIONS		
NO.		
DATE		
BY		
DATE		
BY		
DATE		



SURVEY TIE POINT SCHEDULE

CONTROL POINT NO.	STATION	DISTANCE, OFFSET	DESCRIPTION	NORTHING	EASTING	ELEVATION
CARL STREET						
CP-11	11+33.81	35.97, LT	IRON BAR	645,269.0420	2,285,905.5830	455.82
CP-12	17+37.55	26.09, RT	IRON BAR	645,870.4573	2,285,987.1114	499.70
CP-28	15+11.43	17.89, LT	NAIL	645,645.8753	2,285,935.8494	487.36

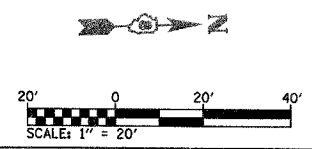
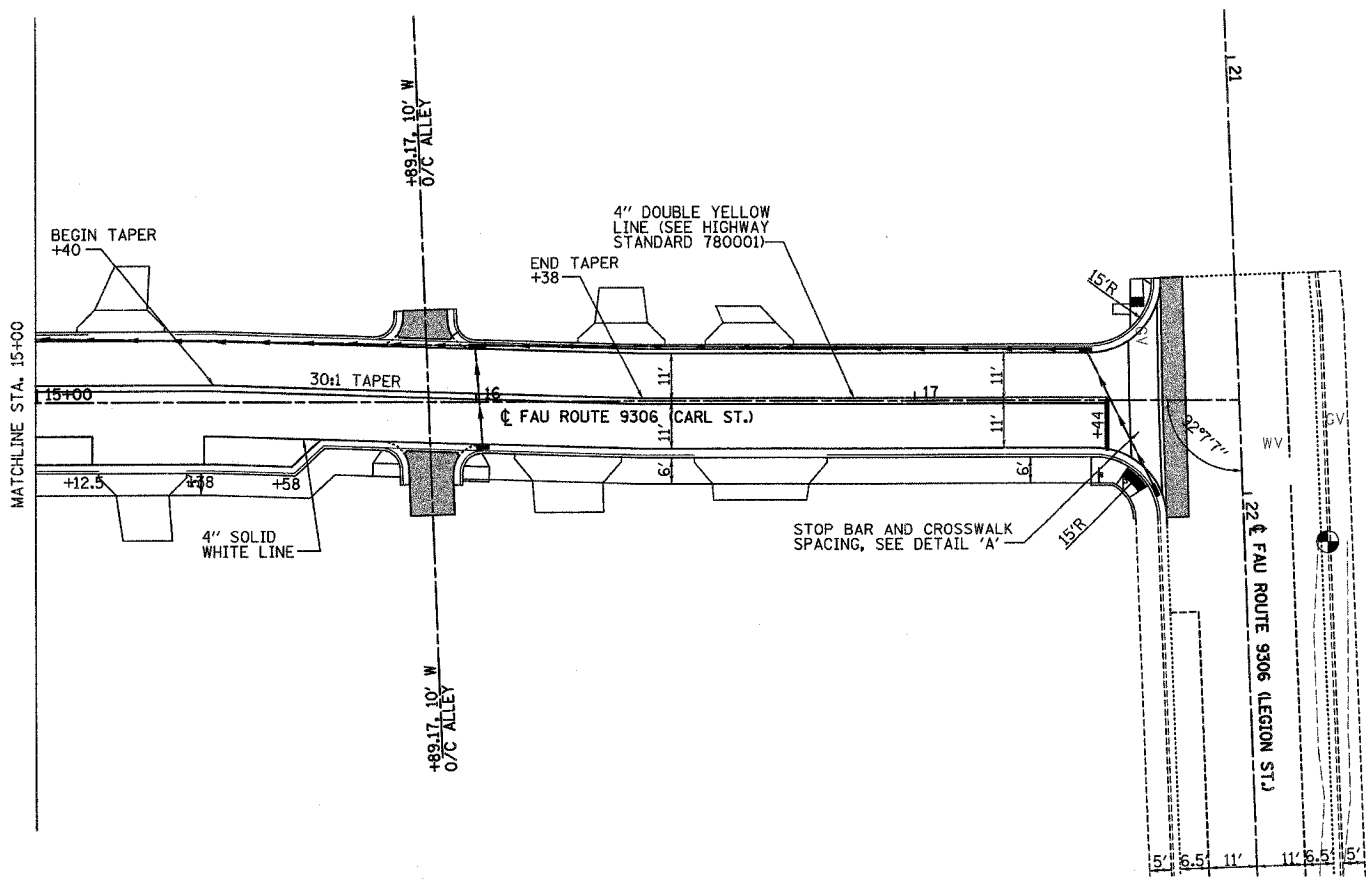
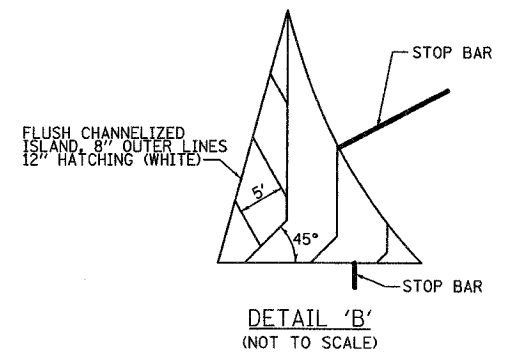
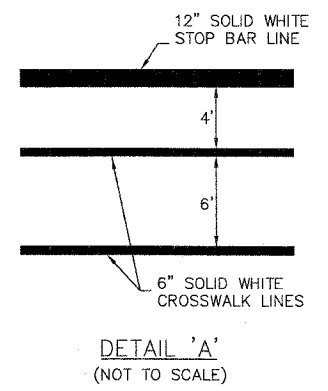
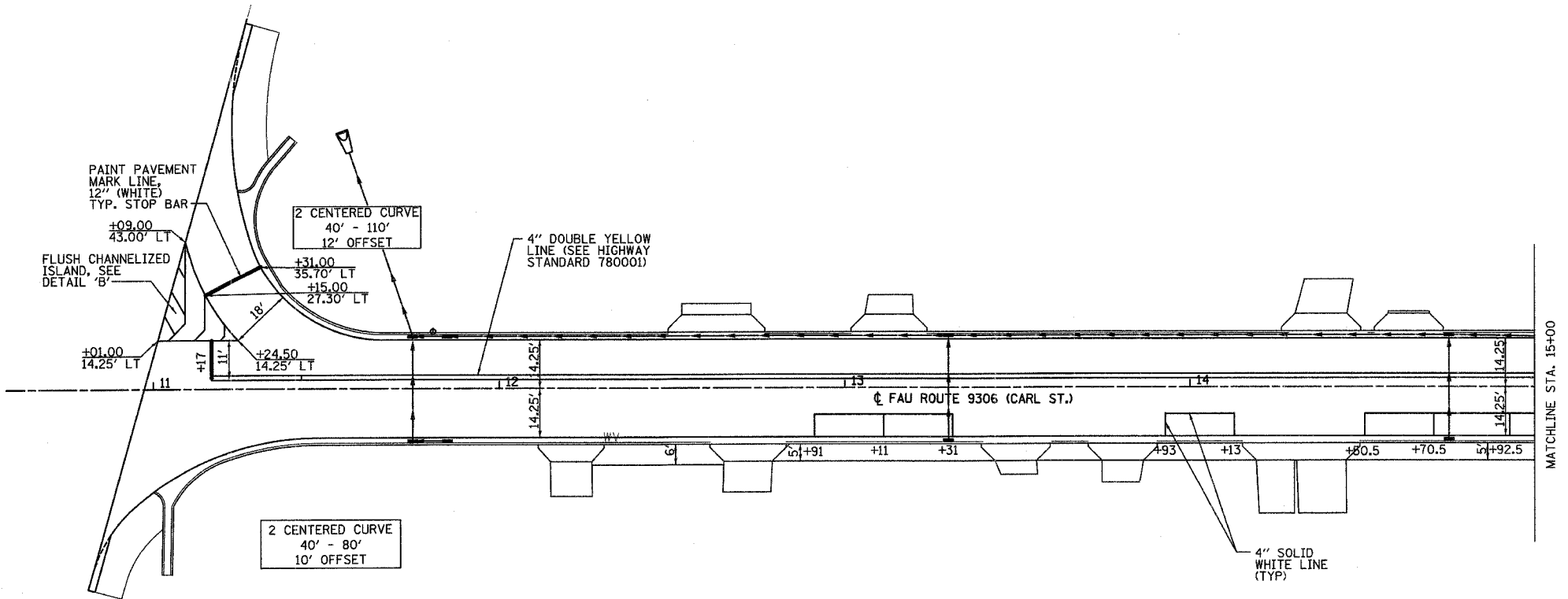


DETAIL 'A'

RIGHT OF WAY - CARL ST.

PLOT DATE = 04/04/2007
 PLOT SCALE = 20/800 / IN.
 USER NAME = EUSERN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306 04-00042-00-PV		MONROE	22	12
STA.		TO STA.		
PAVEMENT MARKING PLAN				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				



REVISIONS	
NAME	DATE

CARL STREET
PAVEMENT MARKING
PLAN

DATE = 04/15/04
DRAWN BY = J. B. BAKER
CHECKED BY = J. B. BAKER
PLOT SCALE = AS SHOWN
USER NAME = J. B. BAKER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9306	04-00042-00-PV	MONROE	22	13
STA.	TO STA.			
PAVEMENT JOINT LAYOUT				
CONTRACT NO. 97304				
FEDERAL AID PROJECT				

GENERAL NOTES

REFER TO HIGHWAY STANDARD BLR-10 FOR ADDITIONAL DETAILS.
ALL LONGITUDINAL JOINTS ARE SPACED 11 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.

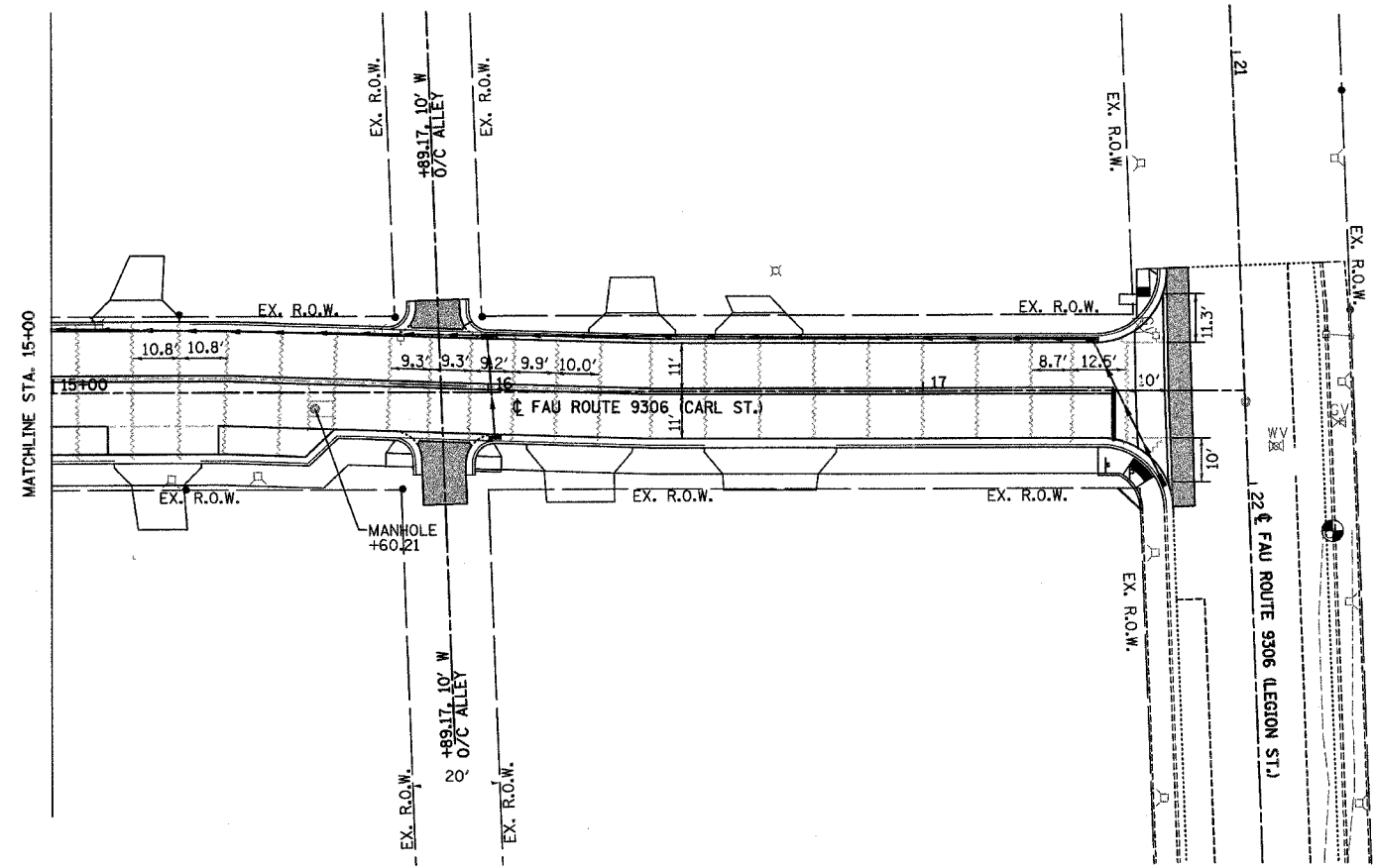
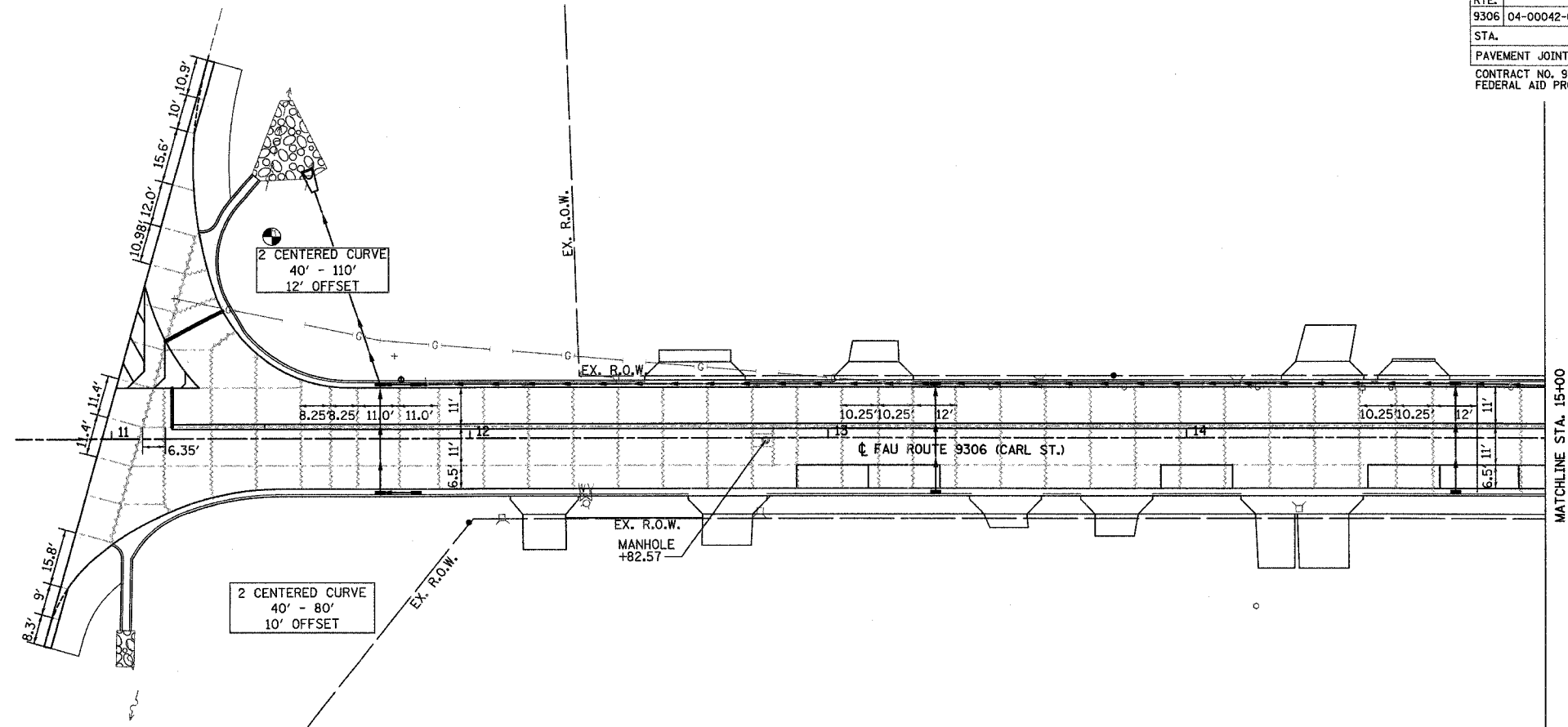
SAWED CONTRACTION JOINTS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 420.12 OF THE "STANDARD SPECIFICATIONS". ANY EXCESS MATERIAL ON THE PAVEMENT SURFACE SHALL BE REMOVED IMMEDIATELY AND THE SURFACE CLEANED TO THE SATISFACTION OF THE ENGINEER.

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 KEYED JOINTS, AND LONGITUDINAL CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 420001.

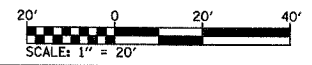
----- LONGITUDINAL SAWED JOINT, LONGITUDINAL KEYED JOINT (SEE STANDARD 420001).

~~~~~ TRANSVERSE CONSTRUCTION JOINT (SEE STANDARD BLR-10).

~~~~~ SAWED TRANSVERSE JOINT (SEE STANDARD BLR-10)



| REVISIONS | |
|-----------|------|
| NAME | DATE |
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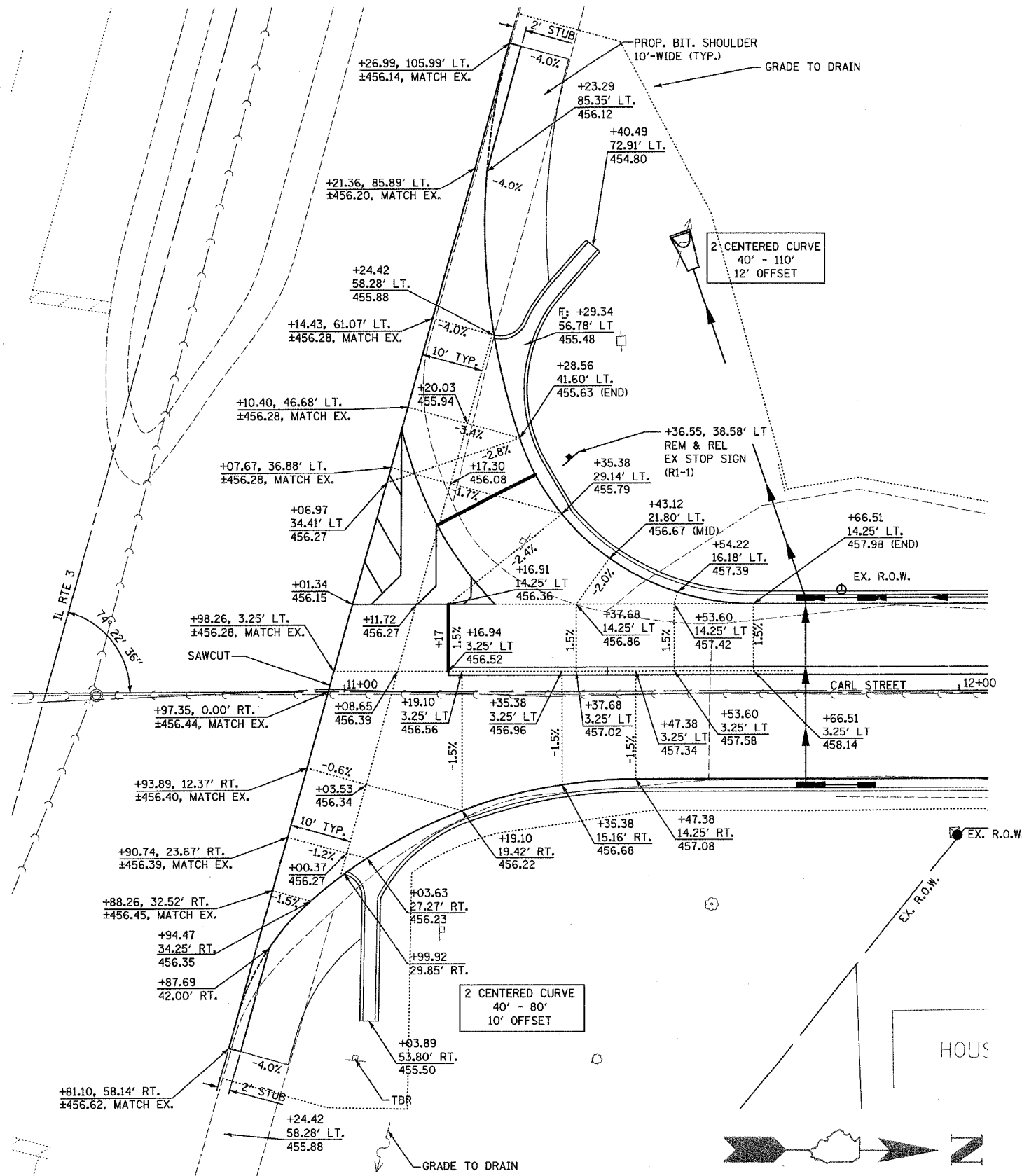


CARL STREET
PAVEMENT JOINT
LAYOUT

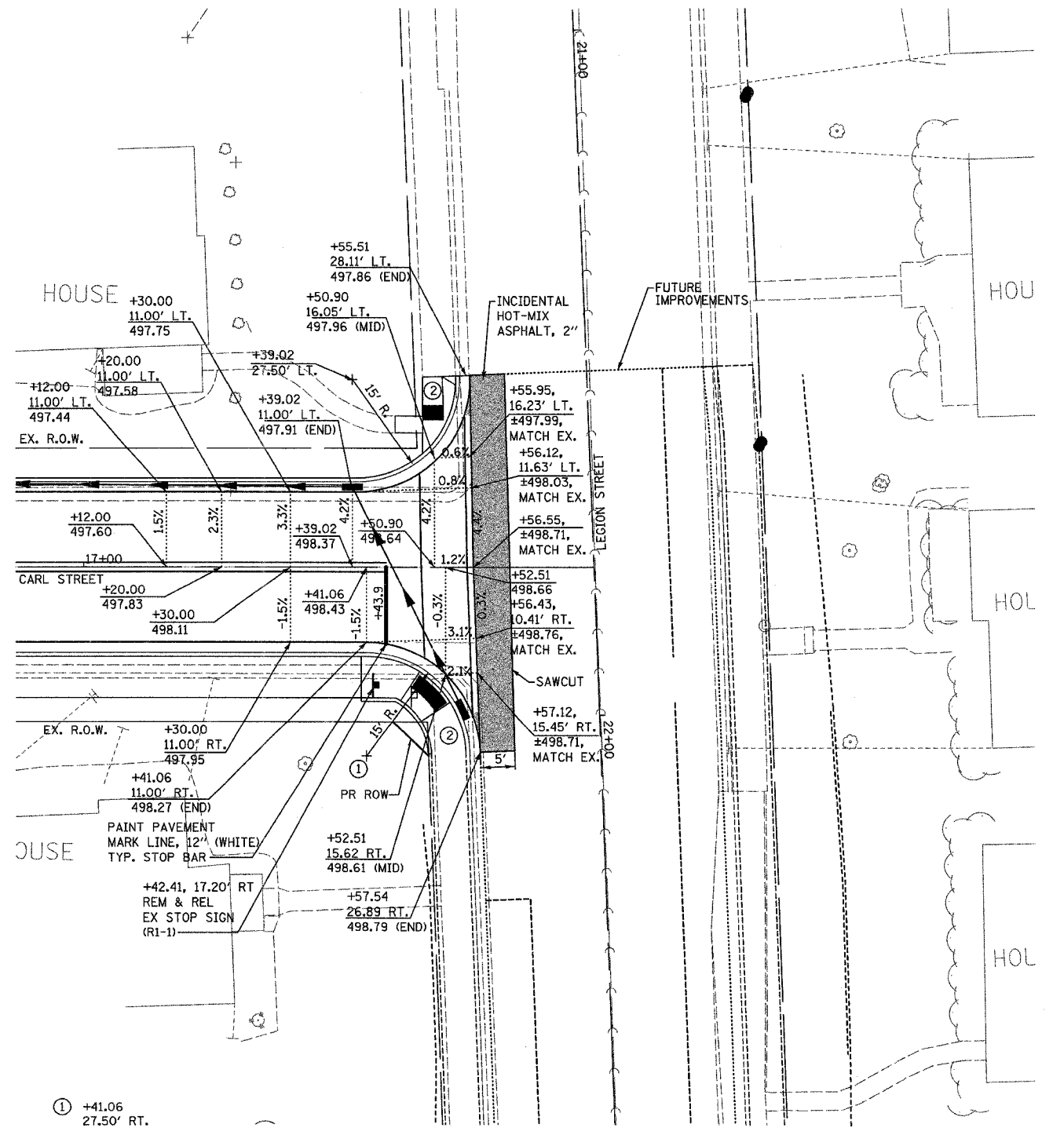
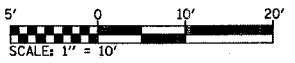
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 9306 | 04-00042-00-PV | MONROE | 22 | 14 |

INTERSECTION DETAILS
CONTRACT NO. 97304
FEDERAL AID PROJECT



INTERSECTION LAYOUT
IL RTE. 3 AND CARL STREET



INTERSECTION LAYOUT
LEGION STREET AND CARL STREET

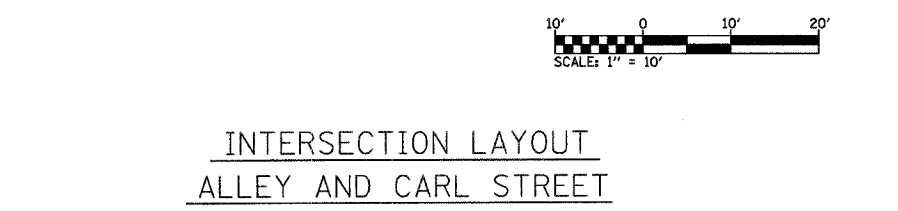
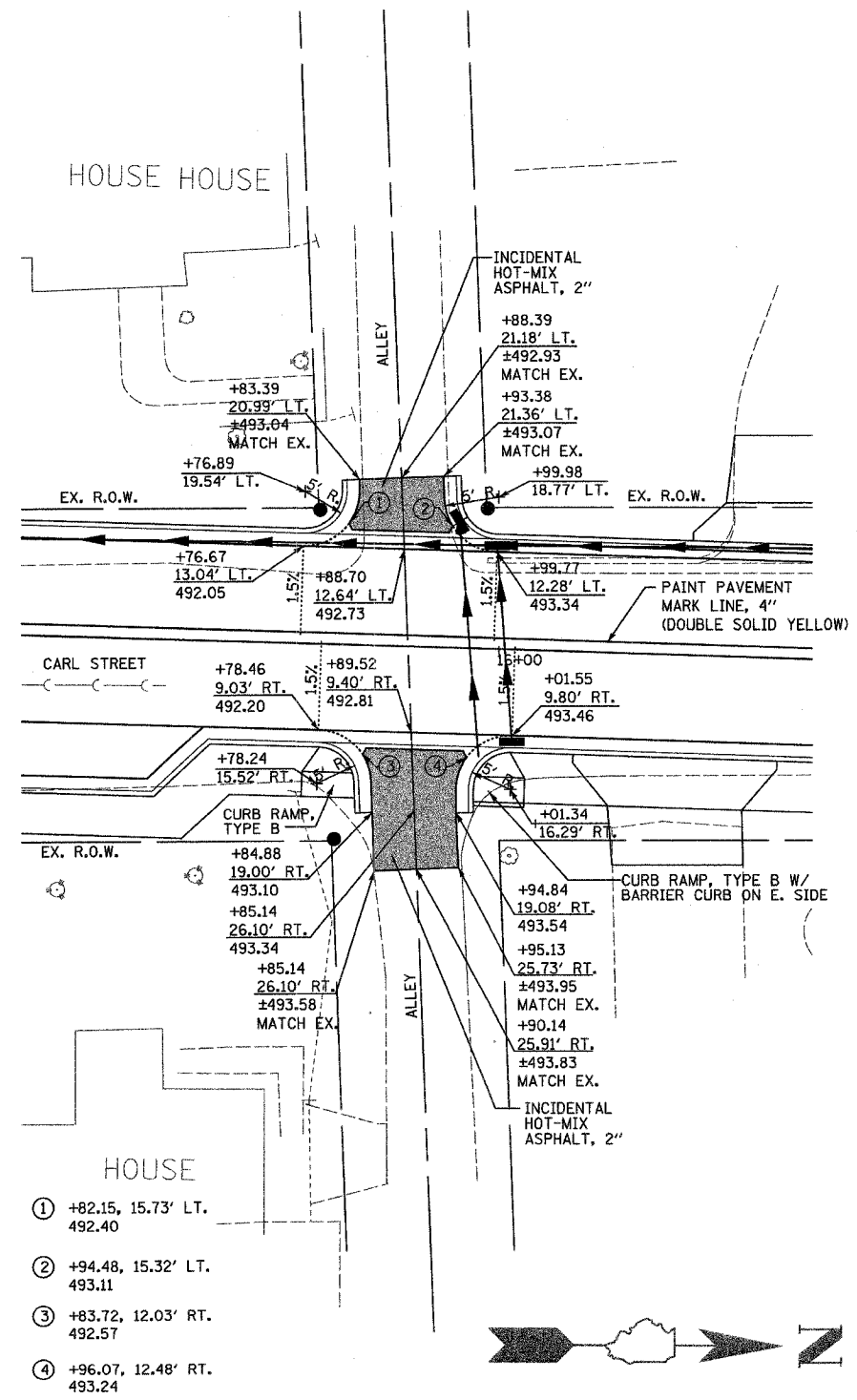


- ① +41.06
27.50' RT.
- ② CURB RAMP, TYPE A
WITH DETECTABLE
WARNING

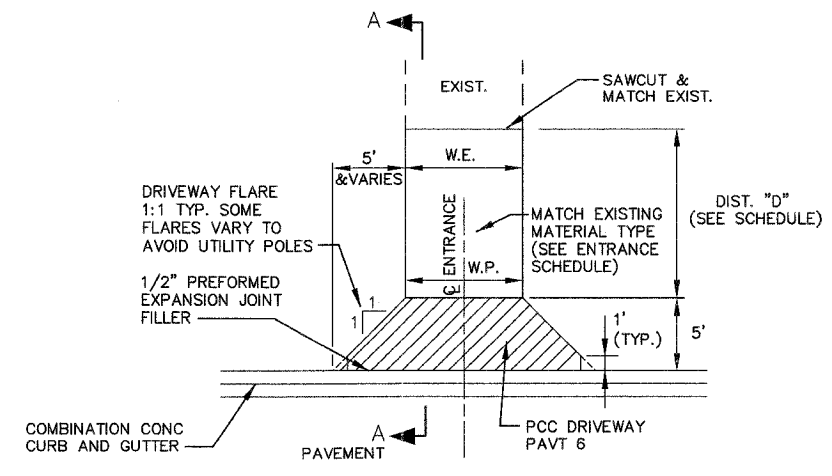
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 USER NAME = JLS/BSR

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 9306 | 04-00042-00-PV | MONROE | 21 | 15 |

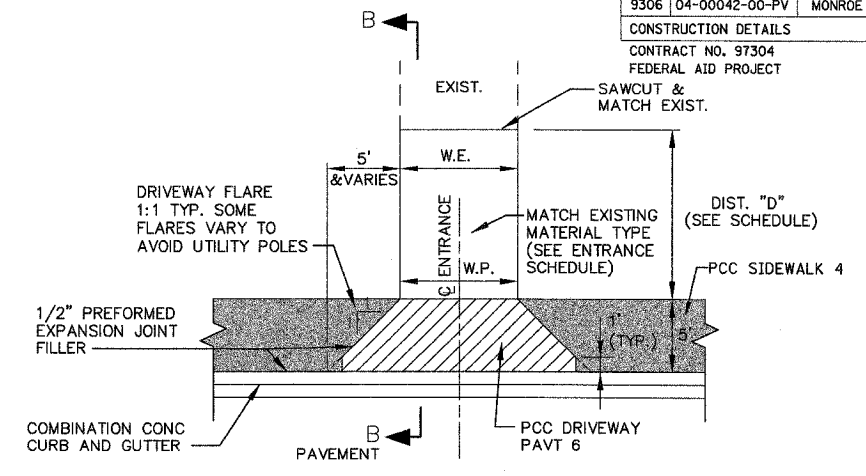
CONSTRUCTION DETAILS
 CONTRACT NO. 97304
 FEDERAL AID PROJECT



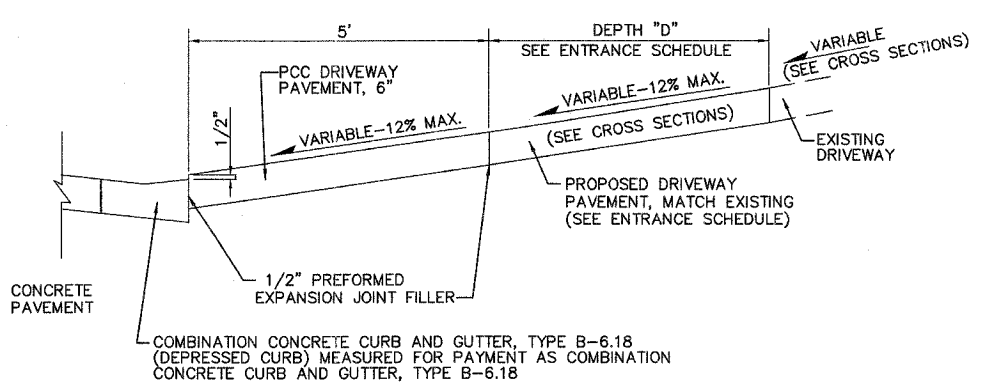
INTERSECTION LAYOUT
 ALLEY AND CARL STREET



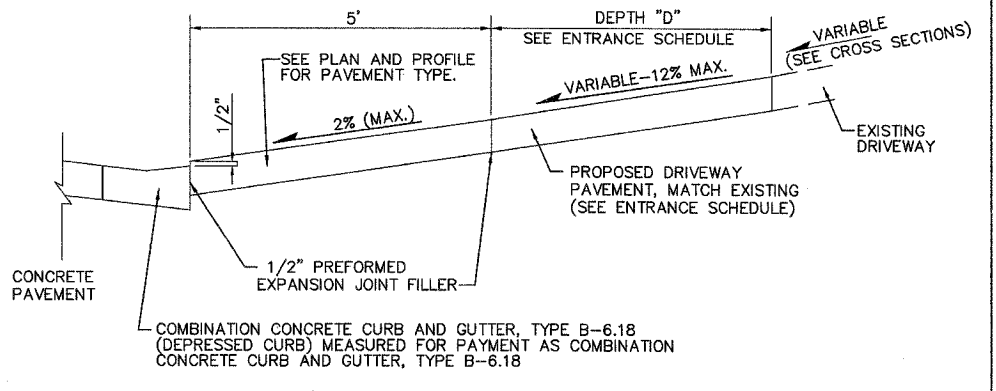
TYPICAL ENTRANCE DETAIL
 WITHOUT SIDEWALK
 (NOT TO SCALE)



TYPICAL ENTRANCE DETAIL
 WITH SIDEWALK
 (NOT TO SCALE)



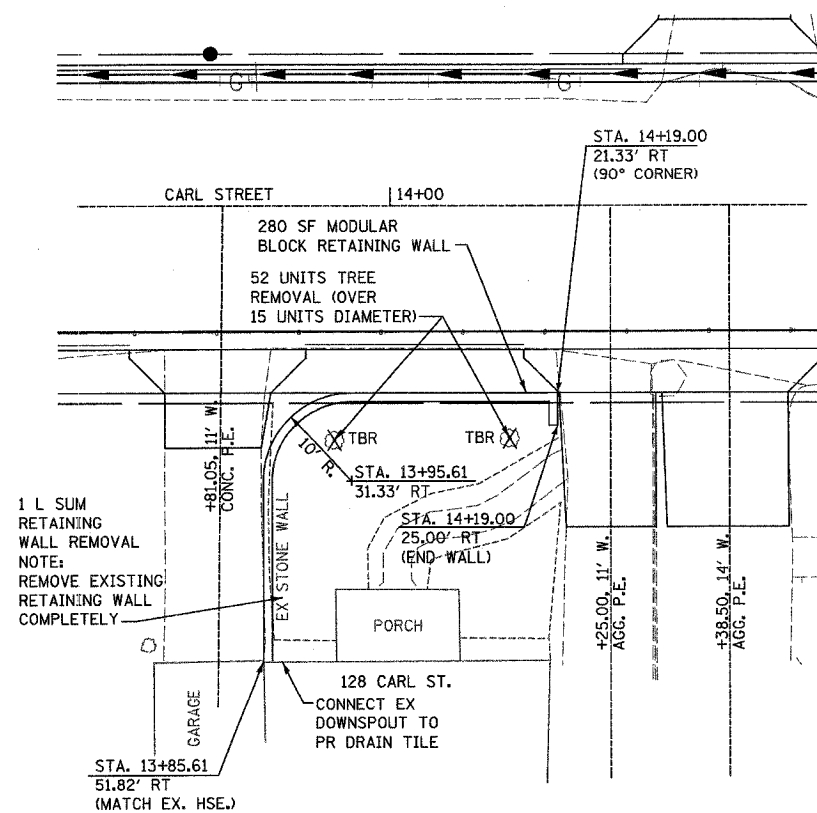
SECTION A-A
 (NOT TO SCALE)



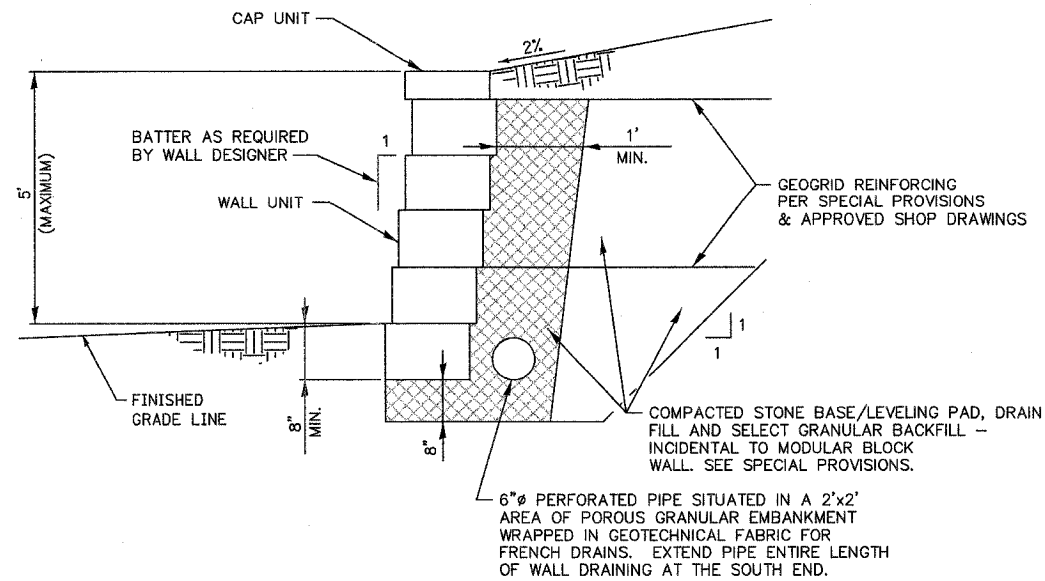
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------|----------------|--------|--------------|-----------|
| 9306 | 04-00042-00-PV | MONROE | 22 | 16 |
| RETAINING WALL DETAILS | | | | |
| CONTRACT NO. 97304 | | | | |
| FEDERAL AID PROJECT | | | | |



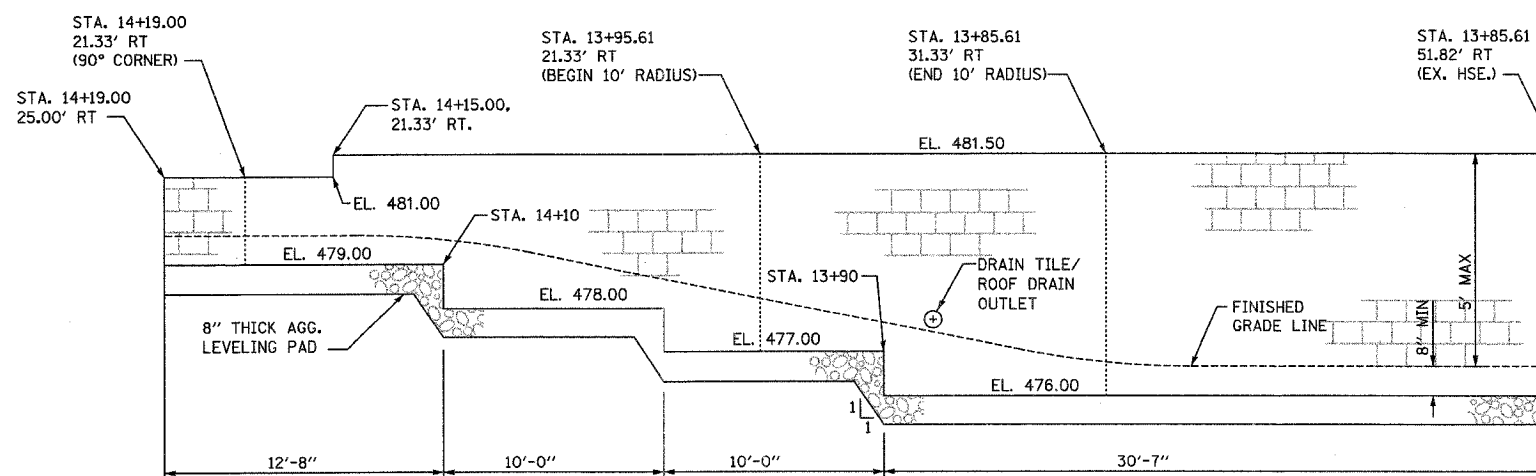
PLAN VIEW
SCALE: 1" = 10'



NOTES:

1. QUANTITIES SHOWN SHALL BE VERIFIED BY WALL DESIGNER. ACTUAL MEASUREMENTS AND PAYMENT SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS.
2. REMOVE EXISTING EMBANKMENT AS NECESSARY TO INSTALL REINFORCING GEOGRID. COMPACT SELECT GRANULAR BACKFILL OVER GEOGRID PER SPECIAL PROVISIONS & APPROVED SHOP DRAWINGS - INCIDENTAL TO MODULAR BLOCK WALL.

SECTION VIEW



ELEVATION VIEW
(NOT TO SCALE)

MODULAR BLOCK RETAINING WALL

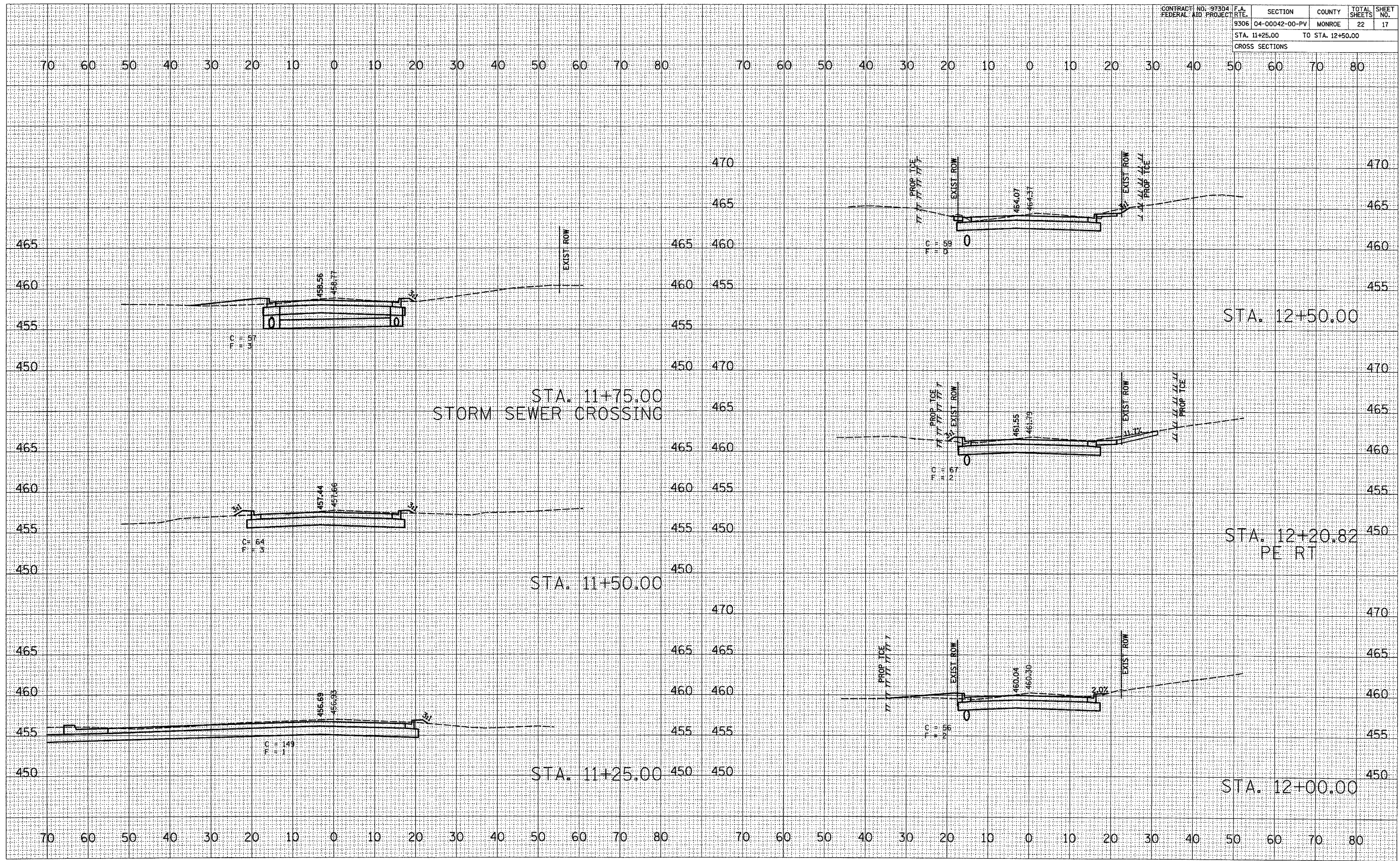
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|------------------------------|--|------------------|--------|----------------|-----------|
| CONTRACT NO. 97304 F.A. RTE. | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 9306 FEDERAL AID PROJECT | | 04-00042-00-PV | MONROE | 22 | 17 |
| STA. 11+25.00 | | TO STA. 12+50.00 | | CROSS SECTIONS | |

| | |
|-----------|--|
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
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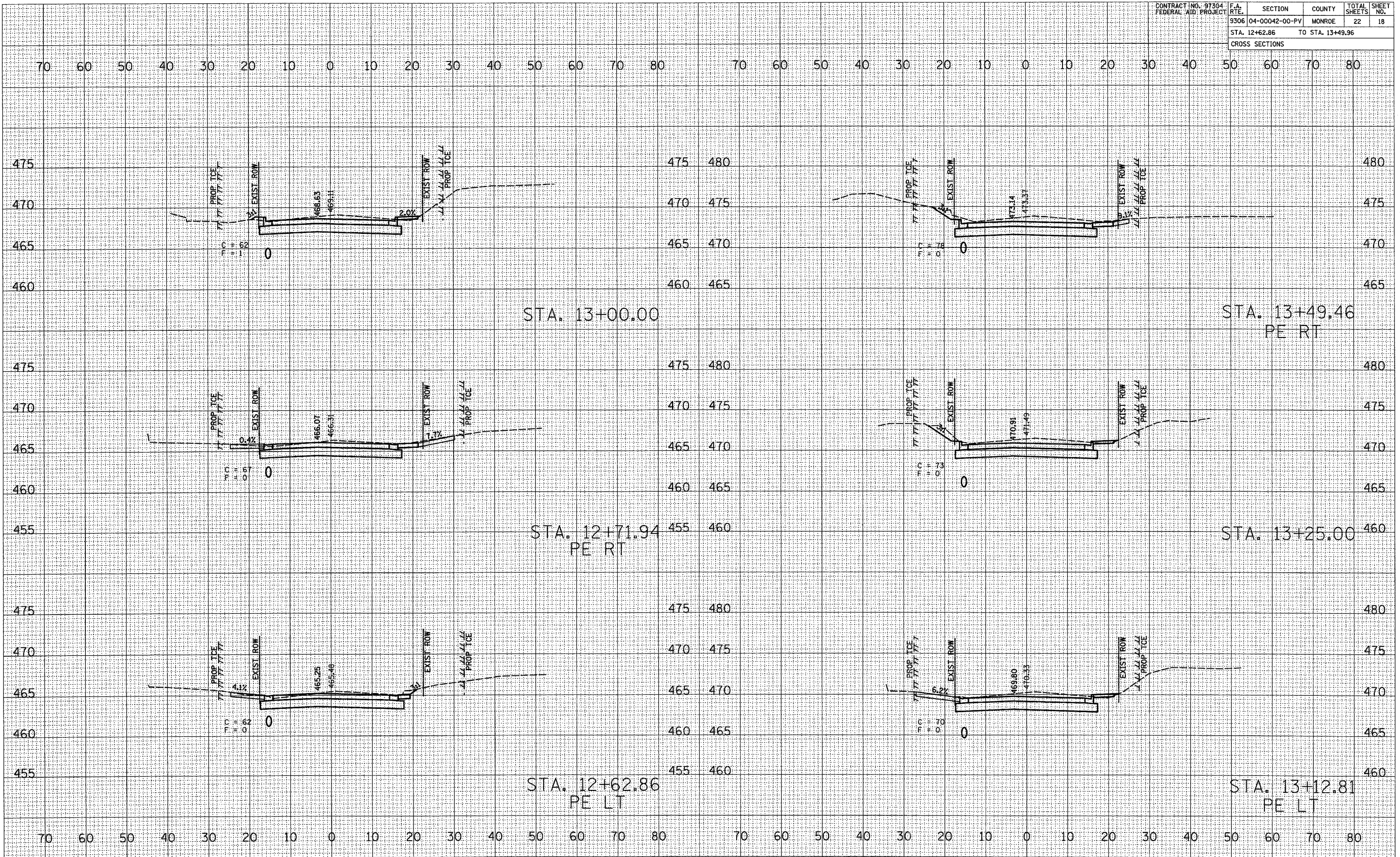


CROSS SECTIONS - CARL ST.

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

| BY | | DATE |
|-----------------|---------------|------|
| ORIGINAL SURVEY | SURVEYED | |
| NO. | PLOTTED | |
| | AREAS CHECKED | |

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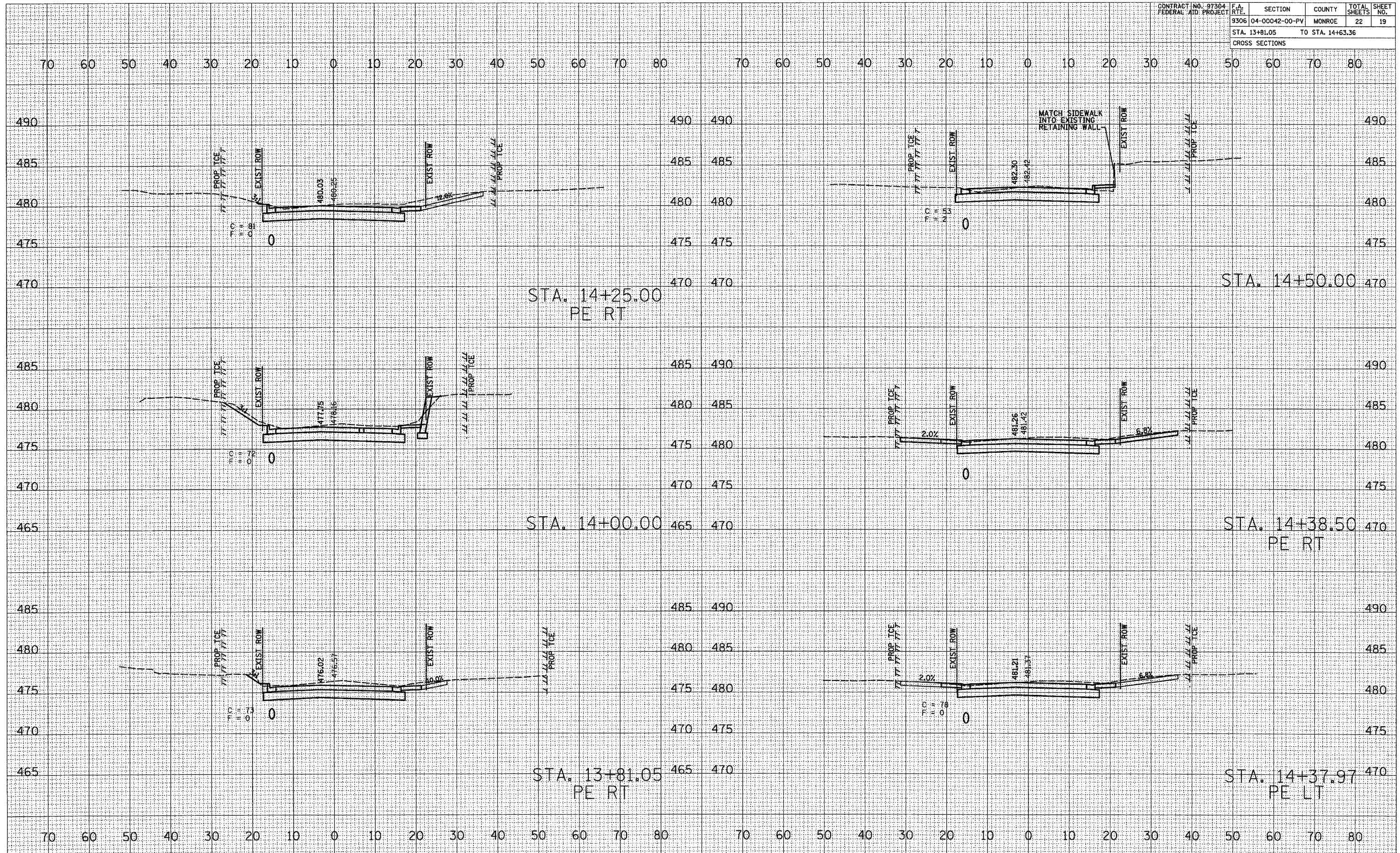


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|-------------------------------------------|----------------|------------------|--------|--------------|-----------|
| CONTRACT NO. 97304
FEDERAL AID PROJECT | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 9306 | 04-00042-00-PV | MONROE | 22 | 19 | |
| STA. 13+81.05 | | TO STA. 14+63.36 | | | |
| CROSS SECTIONS | | | | | |

| | |
|--------------|----|
| DATE | BY |
| | |
| REVISIONS | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |
| FINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

| | |
|-----------------|----|
| DATE | BY |
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| REVISIONS | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |
| ORIGINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

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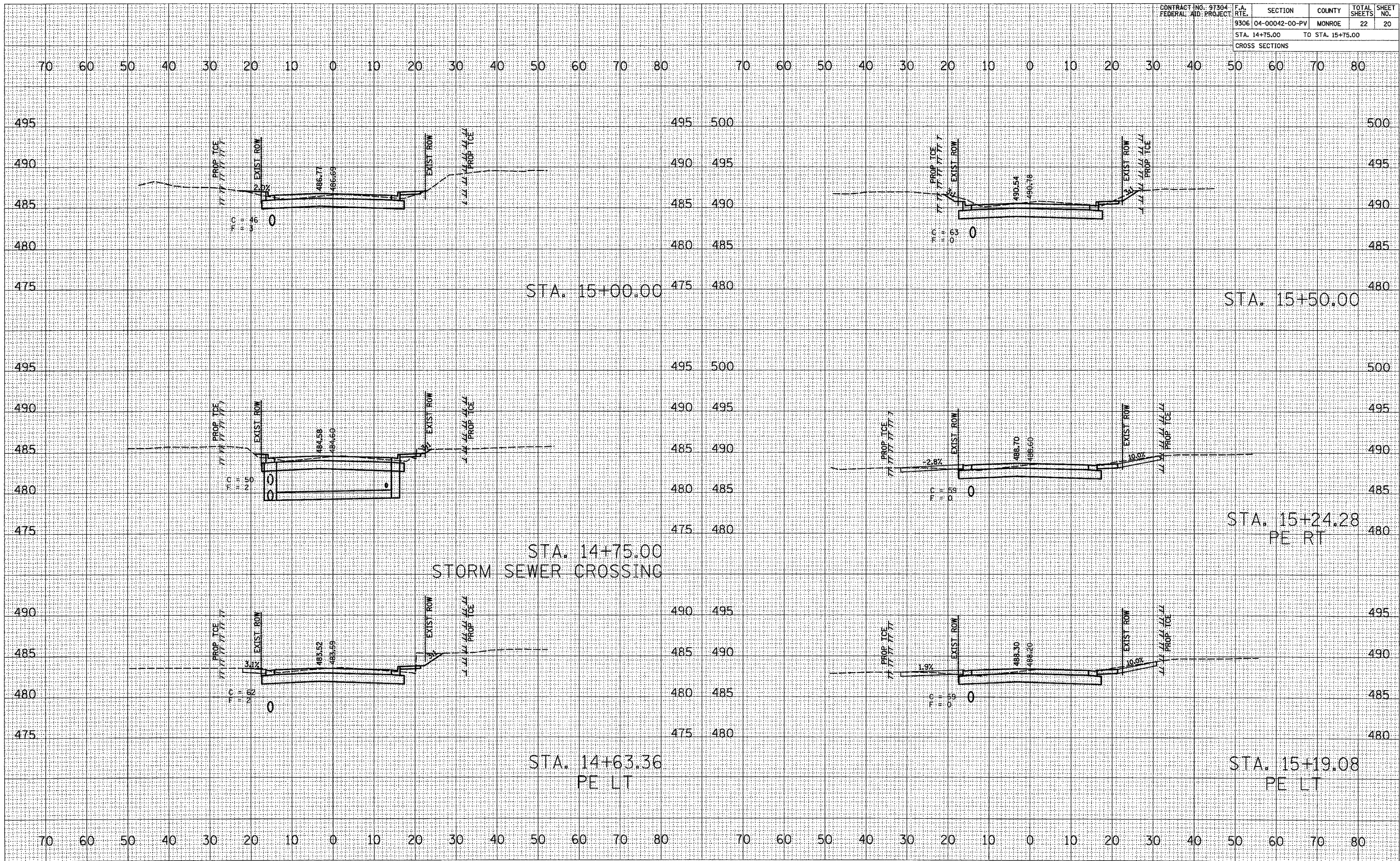
CROSS SECTIONS - CARL ST.

| | | | | | |
|-------------------------------------------|----------------|---------|--------|-----------------|--------------|
| CONTRACT NO. 97304
FEDERAL AID PROJECT | F.A.
RTE. | SECTION | COUNTY | TOTAL
SHEETS | SHEET
NO. |
| 9306 | 04-00042-00-PV | MONROE | 22 | 20 | |
| STA. 14+75.00 TO STA. 15+75.00 | | | | CROSS SECTIONS | |

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PLOT DATE = 6/21/2007
 PLOT SCALE = 1/4" = 10'-0"
 PLOT SCALE = 1/4" = 10'-0"
 REFERENCE = REF

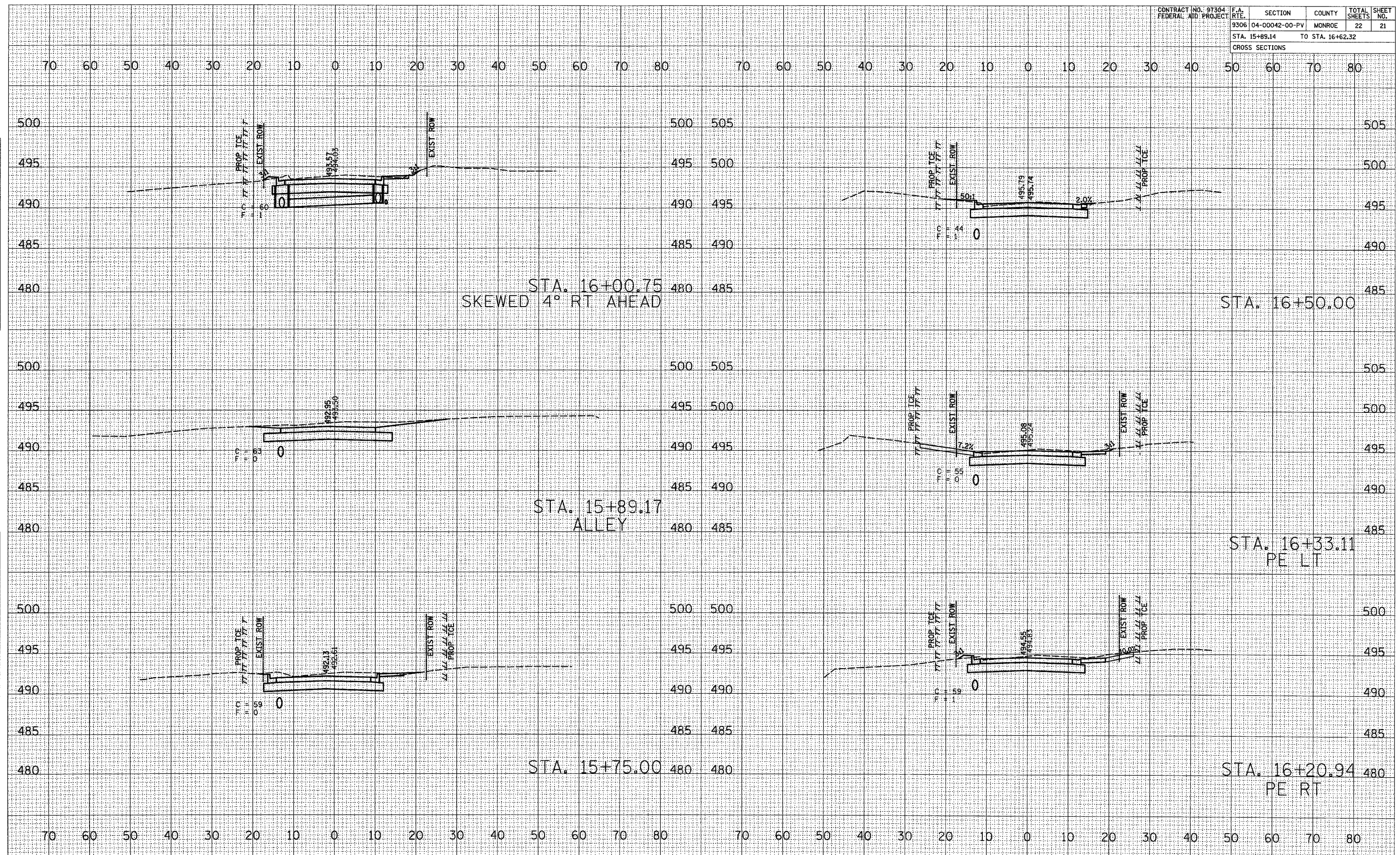


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|-------------------------------------------|----------------|------------------|--------|--------------|-----------|
| CONTRACT NO. 97304
FEDERAL AID PROJECT | F.A. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 9306 | 04-00042-00-PV | MONROE | 22 | 21 | |
| STA. 15+89.14 | | TO STA. 16+62.32 | | | |
| CROSS SECTIONS | | | | | |

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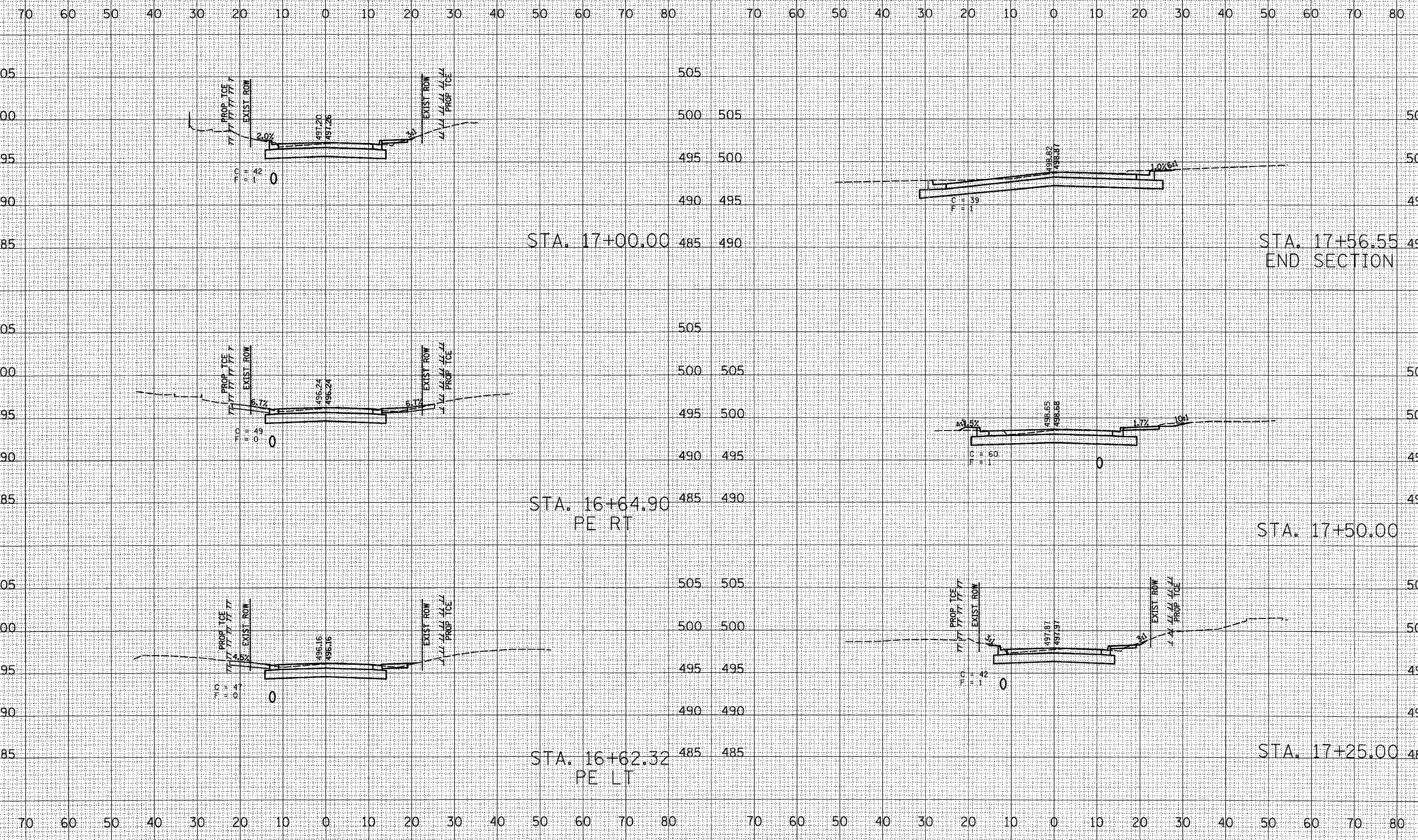
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PLOT DATE = 84/04/2887
 FILE NAME = H:\P\22886\Microstation\work\carl\carl.dwg
 PLOT SCALE = 1/8" = 1'-0"
 REFERENCE = #REF#



CROSS SECTIONS - CARL ST.

| | | | | | |
|-------------------------------------------|--------------|----------------|--------|-----------------|--------------|
| CONTRACT NO. 97304
FEDERAL AID PROJECT | F.A.
RTE. | SECTION | COUNTY | TOTAL
SHEETS | SHEET
NO. |
| | 9306 | 04-00042-00-PV | MONROE | 22 | 22 |
| STA. 16+64.90 TO STA. 17+56.55 | | | | | |
| CROSS SECTIONS | | | | | |



CROSS SECTIONS - CARL ST.

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| DATE | BY |
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SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

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| DATE | BY |
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ORIGINAL
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

PLOT DATE = 04/04/2007
 FILE NAME = H:\P\25095 Microstation\cross-section\cross-section.dwg
 PLOT SCALE = 1/8" = 1' 0"
 REFERENCE = #REF#