

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
LOCAL AGENCY PROJECT

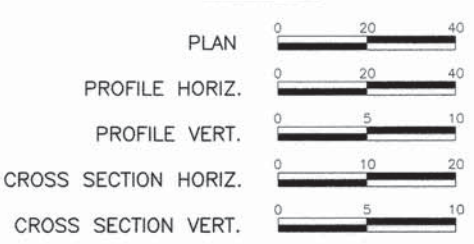
SAFE ROUTES TO SCHOOL
VARIOUS STREETS
SECTION 15-00042-00-SW
PROJECT NO. SRTS-4009(330)
CITY OF RED BUD, ILLINOIS
RANDOLPH COUNTY, ILLINOIS
JOB NO. C-98-303-15

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	1
FEDERAL AID PROJECT			CONTRACT 97626	

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES, HIGHWAY STANDARDS & UTILITIES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
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- 8.-12. PLAN VIEW
- 13.-15. RAMP DETAILS
- 16.-18. MISCELLANEOUS DETAILS
- 19.-28. CROSS SECTIONS

SCALES:



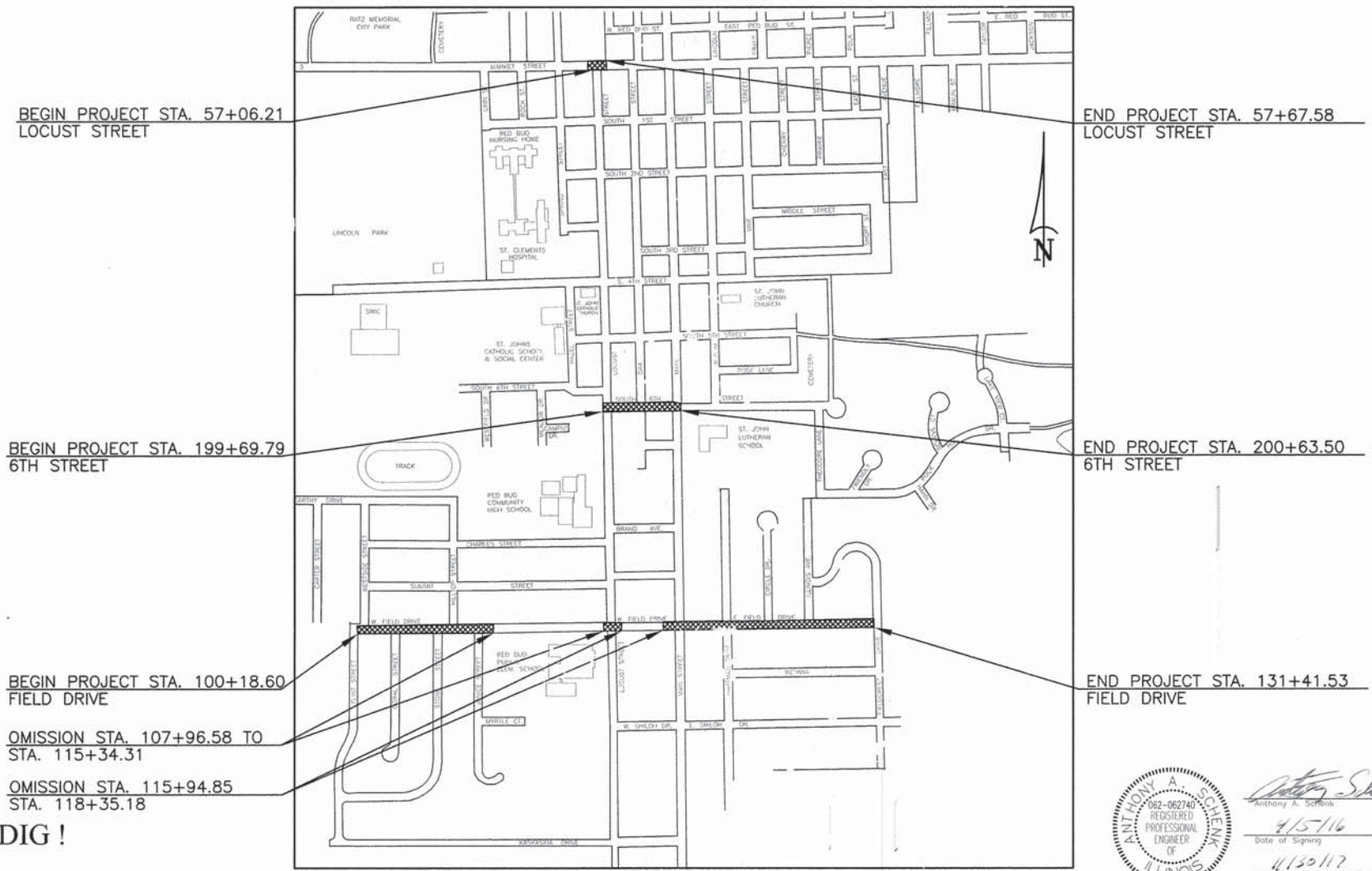
DESIGN DESIGNATION

WEST FIELD DRIVE
CLASSIFICATION = LOCAL ROAD
DESIGN SPEED = 30 MPH
DESIGN YEAR ADT (2035) - 1200

EAST FIELD DRIVE
CLASSIFICATION = LOCAL ROAD
DESIGN SPEED = 30 MPH
DESIGN YEAR ADT (2035) - 1100

6TH STREET
CLASSIFICATION = LOCAL ROAD
DESIGN SPEED = 30 MPH
DESIGN YEAR ADT (2035) - 185

LOCUST STREET
CLASSIFICATION = LOCAL ROAD
DESIGN SPEED = 30 MPH
DESIGN YEAR ADT (2035) - 4400



LOCATION MAP
NOT TO SCALE

FIELD DRIVE - STA. 100+18.60 TO 131+41.53	3122.93 FT. = 0.591 MILES
OMISSION (FIELD DRIVE) - 107+96.58 TO 115+34.34	737.76 FT. = 0.140 MILES
OMISSION (FIELD DRIVE) - 115+94.85 TO 118+35.18	240.33 FT. = 0.046 MILES
6TH STREET - STA 199+69.79 TO 200+63.50	93.71 FT. = 0.018 MILES
LOCUST STREET - STA 57+06.21 TO 57+67.58	61.37 FT. = 0.012 MILES
NET LENGTH OF IMPROVEMENT	2299.92 FT. = 0.436 MILES



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	3/28/16 DATE
[Signature] MAYOR, CITY OF RED BUD	
PASSED	4/12/16 DATE
[Signature] DISTRICT EIGHT ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	4/12/16 DATE
[Signature] REGION FIVE ENGINEER	

ANTHONY A. SCHENK
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS
4/5/16
Date of Signing
4/30/17
Date of License Expiration

HOLD IT ! CALL BEFORE YOU DIG !
Phone J.U.L.I.E.



The owner would like to remind you that underground utility facilities can be damaged by shovel blades or other digging equipment. You can prevent damage or possible personal danger by phoning 800/892-0123 at least 48 hours before you dig. That's the toll-free number for "J.U.L.I.E.", which stands for Joint Utilities Location Information for Excavators.

If there are any pipes, cables, lines or mains in the excavation area, utility personnel will be out to mark the facilities so you can work around them.

Toll Free 800/892-0123

PREPARED BY:
RHUTASEL and ASSOCIATES, INC.
CONSULTING ENGINEERS • LAND SURVEYORS
CORPORATE OFFICE: 4 INDUSTRIAL DRIVE, FREEBURG, ILLINOIS 62243 (618) 539-3178
REGIONAL OFFICE: 201 SOUTH LOCUST STREET, CENTRALIA, ILLINOIS 62801 (618) 532-1992

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	2
FEDERAL AID PROJECT		CONTRACT 97626		

GENERAL NOTES

- 1.) ALL CONSTRUCTION SHALL BE ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016.
- 2.) THE TOP 6 INCHES OF ALL NECESSARY BACKFILL SHALL BE FREE FROM ANY ROCKS OR FOREIGN DEBRIS.
- 3.) ALL PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- 4.) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING OF MATERIALS AND CONSTRUCTION.
- 5.) THE CONTRACTOR SHALL PROVIDE A SAW CUT AT THE EDGE OF PAVEMENT TO PROVIDE A SMOOTH EDGE TO CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER. THE COST OF SAWING THIS EDGE SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB AND GUTTER.
- 6.) THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

APPLICATION RATES

MULCH METHOD 2 2 Tons/acre

NITROGEN FERTILIZER NUTRIENT 90 Lbs/acre
PHOSPHORUS FERTILIZER NUTRIENT 90 Lbs/acre
POTASSIUM FERTILIZER NUTRIENT 90 Lbs/acre

- 7.) IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
- 8.) "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48"x48".
- 9.) ALL AREAS DISTURBED FOR ANY REASON WITHIN THE CONSTRUCTION LIMITS SHALL BE SEEDED WITH CLASS 1 SEEDING. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. AREAS DISTURBED BEYOND THE CONSTRUCTION LIMITS SHALL BE SEEDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- 10.) THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS PRIOR TO REMOVAL AND REPLACEMENT OF DRIVEWAYS.
- 11.) PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND FACE OF CURBS.
- 12.) LANDSCAPING ITEMS WITHIN THE LIMITS OF CONSTRUCTION WHICH MUST BE REMOVED SHALL BE SALVAGED FOR RE-USE OR DISPOSAL AS DIRECTED BY THE ENGINEER. REMOVAL AND/OR SALVAGE OF LANDSCAPING ITEMS SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 13.) ALL EXISTING SIGNS WHICH INTERFERE WITH THE IMPROVEMENTS NOT NOTED FOR REMOVAL SHALL BE REMOVED AND REINSTALLED AT THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER IN THE FIELD. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT. ANY DAMAGE TO THE SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- 14.) AN ESTIMATED 25 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND LOCAL TRAFFIC THROUGHOUT THE CONSTRUCTION OPERATIONS.
- 15.) REMOVAL AND REPLACEMENT OF CURB AND GUTTER SHALL BE DONE AT LOCATIONS SHOWN ON THE PLANS OR AS DETERMINED BY THE ENGINEER IN THE FIELD. PROPOSED CURB AND GUTTER SHALL MATCH THE DIMENSION OF EXISTING ADJACENT CURB AND GUTTER EXCEPT AT THE LOCATIONS WHERE CURBS SHALL BE DEPRESSED AT LOCATION OF CURB RAMPS. DEPRESSED CURB AT RAMP LOCATIONS SHALL BE CONSTRUCTED ACCORDING TO THE APPLICABLE HIGHWAY STANDARDS.
- 16.) THE ALIGNMENT OF THE SIDEWALK MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD TO BETTER SUIT FIELD CONDITIONS. THESE MINOR ADJUSTMENTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 17.) ALL NECESSARY EMBANKMENT UNDER THE PROPOSED SIDEWALK SHALL BE PROVIDED BY THE CONTRACTOR. ADDITION OF AGGREGATE OR EARTH EMBANKMENT TO BRING THE SUBGRADE TO THE LINES AND LIMITS SHOWN ON THE PLANS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- 18.) TRENCH BACKFILL FOR STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 208 OF THE STANDARD SPECIFICATIONS EXCEPT THE COST FOR TRENCH BACKFILL SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.

COMMITMENTS

NONE

APPLICABLE HIGHWAY STANDARDS

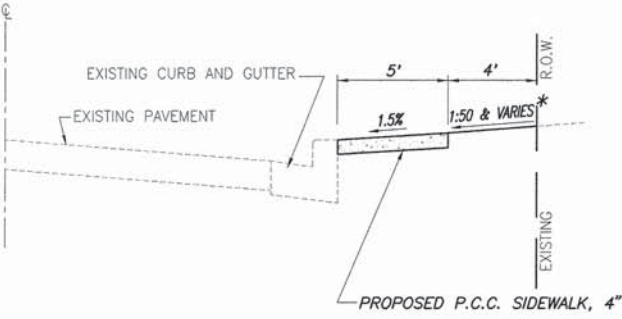
424001-08	606001-06
424016-02	701501-06
424021-03	701801-06
602301-04	701901-05
602306-03	873001-02
602601-04	878001-10
604001-04	880006-01
604066-02	

UTILITY TYPE	NAME OF UTILITY	PHONE NUMBER	CONTACT NAME
ELECTRIC	CITY OF RED BUD	618-282-3339	JOSH ECKART
GAS	CITY OF RED BUD	618-282-3339	JOSH ECKART
WATER	CITY OF RED BUD	618-282-3339	JOSH ECKART
SEWER	CITY OF RED BUD	618-282-3339	JOSH ECKART
CABLE	MEDIACOM	270-703-9653	TONY RUSSO
TELEPHONE	HARRISONVILLE TELEPHONE CO.	618-939-9256	TOM SCHRIEBER

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	8
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	54
20200100	EARTH EXCAVATION	CU YD	187
25000100	SEEDING, CLASS 1	ACRE	0.30
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27
25100115	MULCH, METHOD 2	ACRE	0.30
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	30
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	58
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	58
42001300	PROTECTIVE COAT	SQ YD	107
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	176
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	11,078
42400800	DETECTABLE WARNINGS	SQ FT	471
44000100	PAVEMENT REMOVAL	SQ YD	58
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	254
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	649
44000600	SIDEWALK REMOVAL	SQ FT	2,021
50105220	PIPE CULVERT REMOVAL	FOOT	30
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	30
56109210	WATER VALVES TO BE ADJUSTED	EACH	3
60100905	PIPE DRAINS 4"	FOOT	78
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME CLOSED LID	EACH	1
60500060	REMOVING INLETS	EACH	5
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	50
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1
66900530	SOIL DISPOSAL ANALYSIS	EACH	1
67100100	MOBILIZATION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	72
78300100	PAVEMENT MARKING REMOVAL	SQ FT	156
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	166
81500100	GULFBOX JUNCTION	EACH	8
85800100	FLASHER CONTROLLER	EACH	4
86100100	DIGITAL TIME SWITCH	EACH	1
88000105	FLASHING BEACON INSTALLATION	EACH	8
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
X0322024	TRENCH DRAIN	EACH	9
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	1
X6024242	INLETS, SPECIAL NO. 1	EACH	2
X6026800	INLETS TO BE RECONSTRUCTED (SPECIAL)	EACH	1
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	649
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X8050095	SERVICE INSTALLATION (SPECIAL)	EACH	4
X8130110	JUNCTION BOX (SPECIAL)	EACH	6

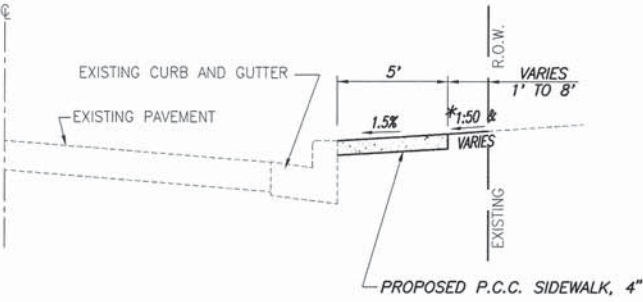
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	3
FEDERAL AID PROJECT		CONTRACT 97626		

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	4
FEDERAL AID PROJECT		CONTRACT 97626		



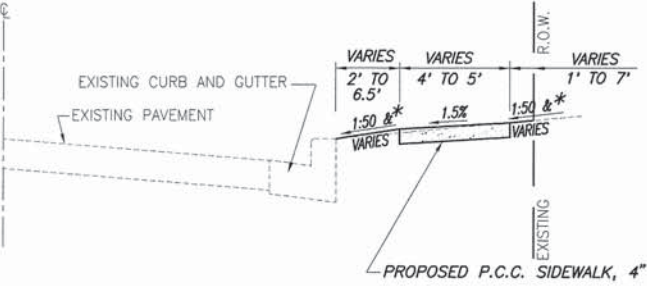
**WEST FIELD STREET
SIDEWALK TYPICAL SECTION**

N.T.S.
STA. 100+18 TO 107+32 RT.



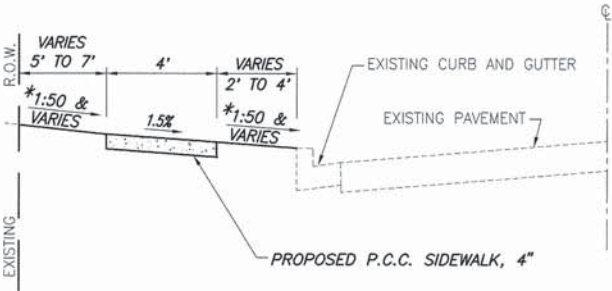
**WEST FIELD STREET
SIDEWALK TYPICAL SECTION**

N.T.S.
STA. 107+70 TO 119+45 RT.
NOTE: OMISSION FROM STA. 107+97 TO 118+35 RT.



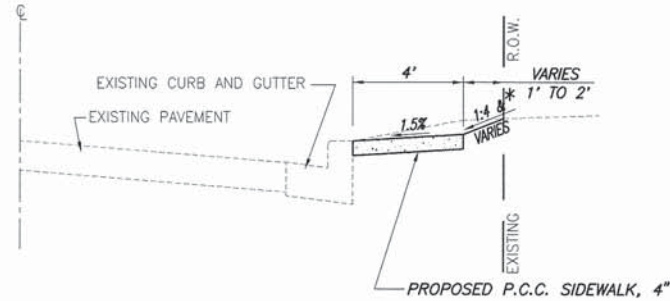
**EAST FIELD STREET
SIDEWALK TYPICAL SECTION**

N.T.S.
STA. 119+86 TO 122+23 RT.



**EAST FIELD STREET
SIDEWALK TYPICAL SECTION**

N.T.S.
STA. 122+16 TO 131+42 LT.



**6TH STREET
SIDEWALK TYPICAL SECTION**

N.T.S.
STA. 200+24 TO 204+05 RT.

* SEE CROSS SECTIONS FOR VARIABLE SLOPES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	5
FEDERAL AID PROJECT		CONTRACT 97626		

PCC SIDEWALK SCHEDULE

LOCATION	P.C.C. SIDEWALK, 4"	DETECTABLE WARNINGS
	SQ. FT.	SQ. FT.
FIELD DRIVE		
STA. 100+19 TO 100+52 RT.	145	20
STA. 100+79 TO 102+33 RT.	750	22
STA. 102+70 TO 103+46 RT.	364	20
STA. 103+64 TO 104+86 RT.	580	22
STA. 105+18 TO 107+32 RT.	1,013	38
STA. 107+69 TO 107+97 RT.	814	16
STA. 115+12 TO 115+32 RT.	143	28
STA. 115+21 TO 115+27 LT.	50	10
STA. 115+73 TO 115+95 RT.	154	10
STA. 118+35 TO 118+47 RT.	77	
STA. 118+94 TO 119+47 RT.	362	17
STA. 119+30 TO 119+37 LT.	87	10
STA. 119+85 TO 121+24 RT.	599	10
STA. 121+41 TO 121+49 RT.	43	
STA. 121+68 TO 121+88 RT.	94	
STA. 122+02 TO 122+23 RT.	100	10
STA. 122+16 TO 122+31 LT.	70	18
STA. 122+61 TO 123+86 LT.	498	8
STA. 124+06 TO 124+85 LT.	320	8
STA. 125+16 TO 127+33 LT.	872	16
STA. 127+64 TO 129+20 LT.	633	8
STA. 129+35 TO 129+71 LT.	142	
STA. 129+87 TO 131+42 LT.	655	8
LOCUST STREET		
STA. 35+84 TO 36+21 LT.	214	10
STA. 57+06 TO 57+24 RT.	202	14
STA. 57+10 TO 57+27 LT.	262	32
STA. 57+71 TO 57+77 LT.	108	12
6TH STREET		
STA. 200+24 TO 201+94 RT.	632	28
STA. 202+20 TO 204+13 RT.	840	34
STA. 203+87 TO 203+93 LT.	91	8
STA. 204+47 TO 204+53 LT.	38	10
STA. 204+53 TO 204+64 RT.	126	24
TOTAL	11,078	471

ENTRANCE / SIDEROAD SCHEDULE

STATION	EXISTING SURFACE	TYPE	"L" FOOT	"W" FOOT	DRIVEWAY P.V.M.T REMOVAL SQ. YD.	P.C.C. DRIVEWAY PAVEMENT, 6" SQ. YD.	COMMENTS
FIELD DRIVE							
100+65.56 RT.	CONCRETE	P.E.	14.0	22.0	37	37	
103+55.62 RT.	CONCRETE	P.E.	14.0	15.0	24	24	
118+70.56 RT.	OIL & CHIP	C.E.	5.0	35.0		24	
121+31.18 RT.	ASPHALT	C.E.	6.0	14.5	78	10	
121+57.05 RT.	ASPHALT	C.E.	6.0	15.3	22	10	
121+95.28 RT.	ASPHALT	C.E.	6.0	13.9	31	10	
123+95.56 LT.	CONCRETE	P.E.	8.0	20.0	18	18	
129+29.23 LT.	CONCRETE	P.E.	12.8	14.0	20	19	
129+79.09 LT.	CONCRETE	P.E.	12.8	16.0	24	24	
TOTAL					254	176	

NOTE: PLEASE REFER TO ENTRANCE DETAILS ON SHEET 15 TO SEE APPLICATION OF THE DIMENSIONS.

ADJUSTMENT SCHEDULE

LOCATION	WATER VALVE TO BE ADJUSTED EACH
FIELD DRIVE	
STA. 101+21, 18" RT.	1
STA. 103+70, 17" RT.	1
STA. 106+25, 19" RT.	1
TOTAL	3

PAVEMENT SCHEDULE

LOCATION	PORTLAND CEMENT CONCRETE PAVEMENT 7" SQ. YD.	AGGREGATE BASE COURSE, TYPE B, 4" SQ. YD.
FIELD DRIVE		
STA. 105+18 TO 105+30 RT.	8	8
STA. 107+69 TO 107+88 RT.	33	33
6TH STREET		
STA. 201+77 TO 201+93 RT.	17	17
TOTAL	58	58

DRAIN SCHEDULE

LOCATION	TRENCH DRAIN	PIPE DRAINS, 4"
	EACH	FOOT
FIELD DRIVE		
STA. 100+80	1	
STA. 103+06	1	
STA. 103+28	1	
STA. 103+76	1	
STA. 104+12	1	
STA. 104+50	1	
STA. 105+72	1	
STA. 118+40	1	
STA. 123+08		10
STA. 123+31		10
STA. 124+07		10
STA. 126+68		8
STA. 128+87		8
STA. 129+39		8
STA. 129+68		8
STA. 130+33		8
STA. 130+53		8
6TH STREET		
STA. 203+06	1	
TOTAL	9	78

PROTECTIVE COAT SCHEDULE

LOCATION	PROTECTIVE COAT AREA SQ. YD.
FLAG AND FACE OF CURB AND GUTTER	107

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N/A	15-00042-00-SW	RANDOLPH	28	6
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MISCELLANEOUS REMOVAL SCHEDULE

LOCATION	COMBINATION CURB & GUTTER REMOVAL	SIDEWALK REMOVAL	PAVEMENT REMOVAL
	FOOT	SQ. FT.	SQ. YD.
FIELD DRIVE			
STA. 100+19 TO 100+38 RT.	21		
STA. 102+13 TO 102+33 RT.	21		
STA. 102+70 TO 102+89 RT.	20		
STA. 104+64 TO 104+85 RT.	25		
STA. 105+18 TO 105+36 RT.	22		
STA. 105+18 TO 105+30 RT.			8
STA. 105+76 TO 106+08 RT.	33		
STA. 107+13 TO 107+32 RT.	21		
STA. 107+69 TO 107+97 RT.	29		
STA. 107+69 TO 107+88 RT.			33
STA. 107+70 TO 107+96 RT.		119	
STA. 115+12 TO 115+34 RT.	24	127	
STA. 115+21 TO 115+33 LT.	14		
STA. 115+22 TO 115+31 LT.		52	
STA. 115+71 TO 115+95 RT.	29	120	
STA. 118+35 TO 118+53 RT.		122	
STA. 118+35 TO 119+47 RT.	121		
STA. 118+91 TO 119+45 RT.		330	
STA. 119+85 TO 119+89 RT.	7		
STA. 122+16 TO 122+22 RT.	6		
STA. 122+16 TO 122+31 LT.	18		
STA. 122+61 TO 122+63 LT.	6		
STA. 124+83 TO 124+84 LT.	5		
STA. 125+16 TO 125+17 LT.	5		
STA. 127+28 TO 127+33 LT.	6		
STA. 127+64 TO 127+68 LT.	6		
STA. 128+17 TO 128+21 LT.		26	
STA. 130+88 TO 130+92 LT.		41	
STA. 131+37 TO 131+41 LT.	5		
LOCUST STREET			
STA. 35+84 TO 36+21 LT.		144	
STA. 57+06 TO 57+29 RT.	24		
STA. 57+06 TO 57+26 RT.		227	
STA. 57+10 TO 57+27 LT.		274	
STA. 57+17 TO 57+28 LT.	14		
STA. 57+26 TO 57+28 LT.	18		
STA. 57+67 TO 57+71 LT.	18		
STA. 57+71 TO 57+77 LT.		108	

MISCELLANEOUS REMOVAL SCHEDULE

LOCATION	COMBINATION CURB & GUTTER REMOVAL	SIDEWALK REMOVAL	PAVEMENT REMOVAL
	FOOT	SQ. FT.	SQ. YD.
(CONTINUED)			
6TH STREET			
STA. 200+24 TO 200+32 RT.	10		
STA. 200+77 TO 200+80 RT.		19	
STA. 201+72 TO 201+94 RT.	27		
STA. 201+77 TO 201+93 RT.			17
STA. 202+20 TO 202+37 RT.	18		
STA. 203+82 TO 204+13 RT.	42		
STA. 203+87 TO 203+99 LT.	15		
STA. 203+95 TO 203+97 LT.		40	
STA. 203+99 TO 204+10 RT.		130	
STA. 204+48 TO 204+52 LT.		32	
STA. 204+51 TO 204+61 RT.	19		
STA. 204+53 TO 204+64 RT.		110	
TOTAL	649	2,021	58

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
	UNITS	UNITS
FIELD DRIVE		
STA. 100+84, 22' RT.		18
STA. 100+96, 23' RT.		18
STA. 101+04, 21' RT.	8	
STA. 101+19, 24' RT.		18
TOTAL	8	54

DRAINAGE REMOVAL SCHEDULE

LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL	REMOVING INLETS
		FOOT	EACH
FIELD DRIVE			
STA. 104+81, 23' RT.	EXISTING INLET		1
STA. 105+23, 23' RT.	EXISTING INLET		1
STA. 105+24, 19' RT.	12" RCCP	8	
STA. 107+83, 15' RT.	12" RCCP	7	
STA. 107+85, 18' RT.	EXISTING INLET		1
STA. 107+89, 18' RT.	18" RCCP	7	
LOCUST STREET			
STA. 57+11, 18' RT.	EXISTING INLET		1
6TH STREET			
STA. 201+85, 17' RT.	EXISTING INLET		1
STA. 201+85, 12' RT.	10" RCCP	8	
TOTAL		30	5

SEEDING SCHEDULE

LOCATION	SEEDING CLASS 1	MULCH METHOD 2	FERTILIZER NUTRIENTS			TEMPORARY EROSION CONTROL SEEDING
	ACRE	ACRE	NITROGEN POUND	PHOSPHORUS POUND	POTASSIUM POUND	POUND
FIELD DRIVE	0.25	0.25	22.5	22.5	22.5	25
6TH STREET	0.05	0.05	4.5	4.5	4.5	5
TOTAL	0.30	0.30	27	27	27	30

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
FIELD DRIVE	154	115	3	+112
6TH STREET	33	25	0	+25
TOTAL	187	140	3	+137

SIGN SCHEDULE

LOCATION	LT/RT	PROPOSED OFFSET (FOOT)	SIGN PANEL TYPE 1 (SQ. FT.)	DESCRIPTION
FIELD DRIVE				
STA. 119+39	RT.	23	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 119+39	RT.	23	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 119+39	RT.	23	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
STA. 119+89	RT.	30	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 119+89	RT.	30	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 119+89	RT.	30	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
LOCUST STREET				
STA. 35+98	LT.	20	0.75	R10-25 (9X12) MOUNDED ON PUSH BUTTON POST
STA. 36+02	RT.	28	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 36+02	RT.	28	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 36+02	RT.	28	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
STA. 36+15	LT.	20	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 36+15	LT.	20	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 57+26	LT.	50	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 57+26	LT.	50	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 57+26	LT.	50	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
STA. 57+72	LT.	40	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 57+72	LT.	40	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 57+72	LT.	40	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
6TH STREET				
STA. 204+08	RT.	28	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 204+08	RT.	28	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 204+08	RT.	28	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
STA. 204+56	RT.	30	6.25	S1-1 (30X30) MOUNTED ON TRAFFIC SIGNAL POST
STA. 204+56	RT.	30	2.0	W16-7p (24X12) MOUNTED ON TRAFFIC SIGNAL POST
STA. 204+56	RT.	30	0.75	R10-25 (9X12) MOUNDED ON TRAFFIC SIGNAL POST
TOTAL			72.0	

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	7
FEDERAL AID PROJECT		CONTRACT 97626		

STORM SEWER & DRAINAGE STRUCTURE SCHEDULE

PT	LOCATION STATION / OFFSET		DESCRIPTION	RIM ⁽¹⁾	INVERTS
FIELD DRIVE					
1.	104+86.65	23.41'R	INLETS, TYPE A, TYPE 15 FRAME AND LID	485.70	484.20 E
2.	105+22.21	24.11'R	INLETS, SPECIAL, NO. 1	485.90	483.35 N 483.40 W
3.	107+91.07	17.79'R	INLETS, SPECIAL, NO. 1	485.15	481.45 E 481.45 NW
4.	115+81.96	18.66'R	INLETS TO BE RECONSTRUCTED (SPECIAL) – NOTE: REQUIRES NEW LID	475.60	—————
6TH STREET					
5.	201+90.58	18.65'R	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	476.95	472.93 N
6.	201+84.60	8.20'R	INLETS, TYPE B, TYPE 1 FRAME AND CLOSED LID *	477.00	472.75 N 472.83 SE

(1) - AT TOP OF CURB WHERE APPLICABLE (INCLUDES LID)

(*) - DENOTES FLAT SLAB TOP

NOTE: OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE.
PLEASE REFER TO MISCELLANEOUS DETAIL SHEET 15 FOR DIMENSIONS OF INLET SPECIAL, TYPE SPECIFIED.

STORM SEWER SCHEDULE

PIPE NO.	START STRUCTURE	END STRUCTURE	PIPE DESCRIPTION	PIPE SIZE	PIPE LENGTH	UPSTREAM INVERT ELEV.	DOWNSTREAM INVERT ELEV.	PIPE SLOPE
FIELD DRIVE								
1.	2.	EXISTING INLET	Storm Sewers, Rubber Gasket, Class A, Type 1	12"	9'	483.35	483.15	2.22%
2.	EXISTING INLET	3.	Storm Sewers, Rubber Gasket, Class A, Type 1	12"	11'	481.66	481.45	1.91%
6TH STREET								
3.	5.	6.	Storm Sewers, Rubber Gasket, Class A, Type 1	12"	10'	472.93	472.83	1.00%

NOTE: TRENCH BACKFILL SHALL BE INCLUDED IN THE COST OF STORM SEWER PAY ITEMS.

CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL) FOOT
FIELD DRIVE	
STA. 100+19 TO 100+38 RT.	21
STA. 102+13 TO 102+33 RT.	21
STA. 102+70 TO 102+89 RT.	20
STA. 104+64 TO 104+85 RT.	25
STA. 105+18 TO 105+36 RT.	22
STA. 105+18 TO 105+30 RT.	
STA. 105+76 TO 106+08 RT.	33
STA. 107+13 TO 107+32 RT.	21
STA. 107+69 TO 107+97 RT.	29
STA. 107+69 TO 107+88 RT.	
STA. 107+70 TO 107+96 RT.	
STA. 115+12 TO 115+34 RT.	24
STA. 115+21 TO 115+33 LT.	14
STA. 115+22 TO 115+31 LT.	
STA. 115+71 TO 115+95 RT.	29
STA. 118+35 TO 118+53 RT.	
STA. 118+35 TO 119+47 RT.	121
STA. 118+91 TO 119+45 RT.	
STA. 119+85 TO 119+89 RT.	7
STA. 122+16 TO 122+22 RT.	6
STA. 122+16 TO 122+31 LT.	18
STA. 122+61 TO 122+63 LT.	6
STA. 124+83 TO 124+84 LT.	5
STA. 125+16 TO 125+17 LT.	5
STA. 127+28 TO 127+33 LT.	6
STA. 127+64 TO 127+68 LT.	6
STA. 128+17 TO 128+21 LT.	
STA. 130+88 TO 130+92 LT.	
STA. 131+37 TO 131+41 LT.	5

CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL) FOOT
(CONTINUED)	
LOCUST STREET	
STA. 35+84 TO 36+21 LT.	
STA. 57+06 TO 57+29 RT.	24
STA. 57+06 TO 57+26 RT.	
STA. 57+10 TO 57+27 LT.	
STA. 57+17 TO 57+28 LT.	14
STA. 57+26 TO 57+28 LT.	18
STA. 57+67 TO 57+71 LT.	18
STA. 57+71 TO 57+77 LT.	
6TH STREET	
STA. 200+24 TO 200+32 RT.	10
STA. 200+77 TO 200+80 RT.	
STA. 201+72 TO 201+94 RT.	27
STA. 201+77 TO 201+93 RT.	
STA. 202+20 TO 202+37 RT.	18
STA. 203+82 TO 204+13 RT.	42
STA. 203+87 TO 203+99 LT.	15
STA. 203+95 TO 203+97 LT.	
STA. 203+99 TO 204+10 RT.	
STA. 204+48 TO 204+52 LT.	
STA. 204+51 TO 204+61 RT.	19
STA. 204+53 TO 204+64 RT.	
TOTAL	649

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	8
FEDERAL AID PROJECT			CONTRACT 97626	

SCALE:
PLAN: 1" = 20'

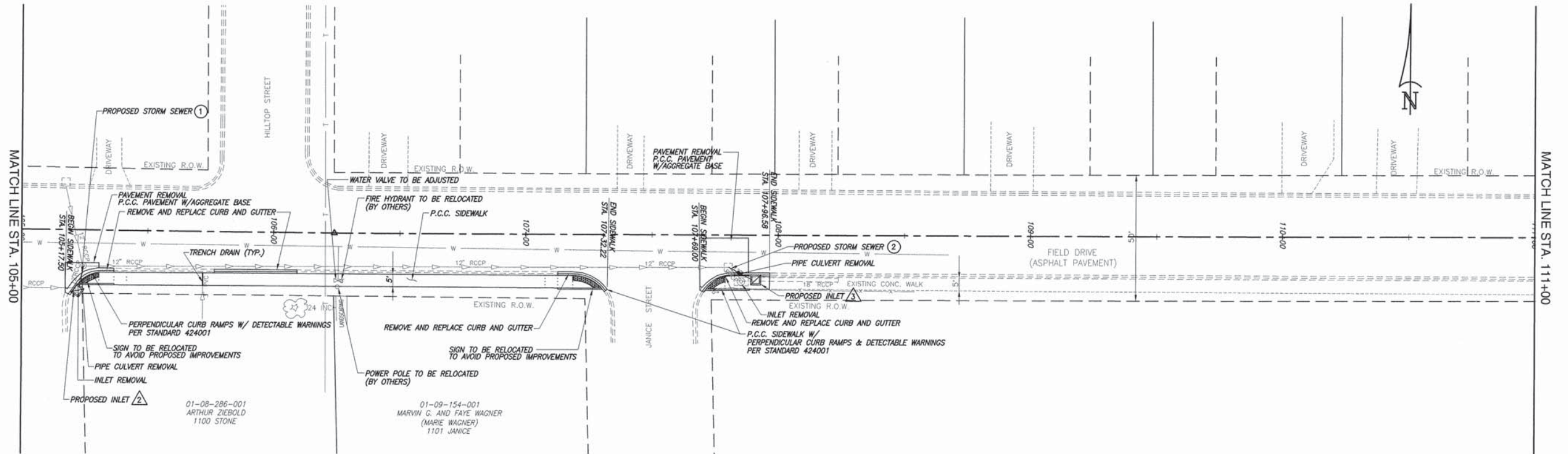
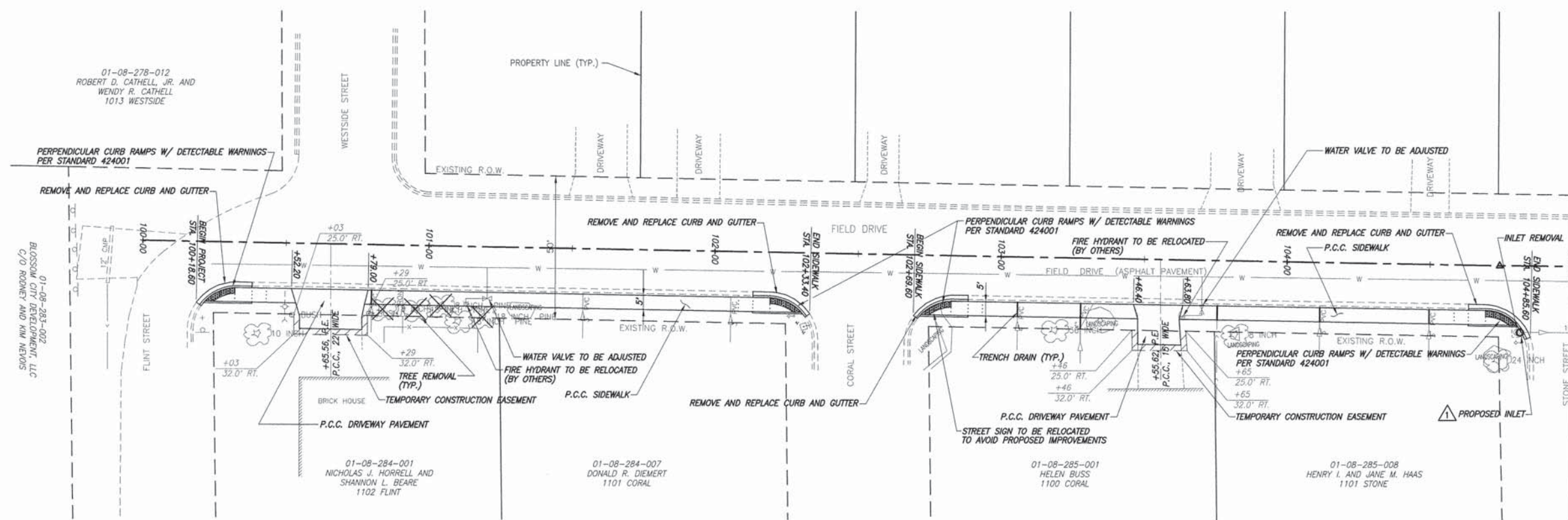
LEGEND

- + STREET SIGN
- p- TRAFFIC SIGN
- ◇ LIGHT POLE
- ⊙ DECORATIVE LAMP POLE
- ⊠ ELECTRIC PEDESTAL
- ◇ POWER POLE
- ⊠ GAS VALVE
- ⊙ GAS MAIN
- y- GUY WIRE
- ⊙ SANITARY MANHOLE
- ⊠ GRATED STORM INLET
- ◇ FIRE HYDRANT
- - - STORM CULVERT
- - - FLOWLINE OF DITCH OR SWALE
- G- GAS MAIN
- UE- UNDERGROUND ELECTRIC
- SAN- SANITARY SEWER MAIN
- T- TELEPHONE LINE
- FO- FIBER OPTIC LINE
- W- WATER LINE
- - - STORM PIPE

MATCH LINE STA. 105+00

MATCH LINE STA. 111+00

NOTE: "SIDEWALK ENDS" SIGN TO BE INSTALLED, BY OTHERS, AT END OF SIDEWALK



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	9
FEDERAL AID PROJECT		CONTRACT 97626		

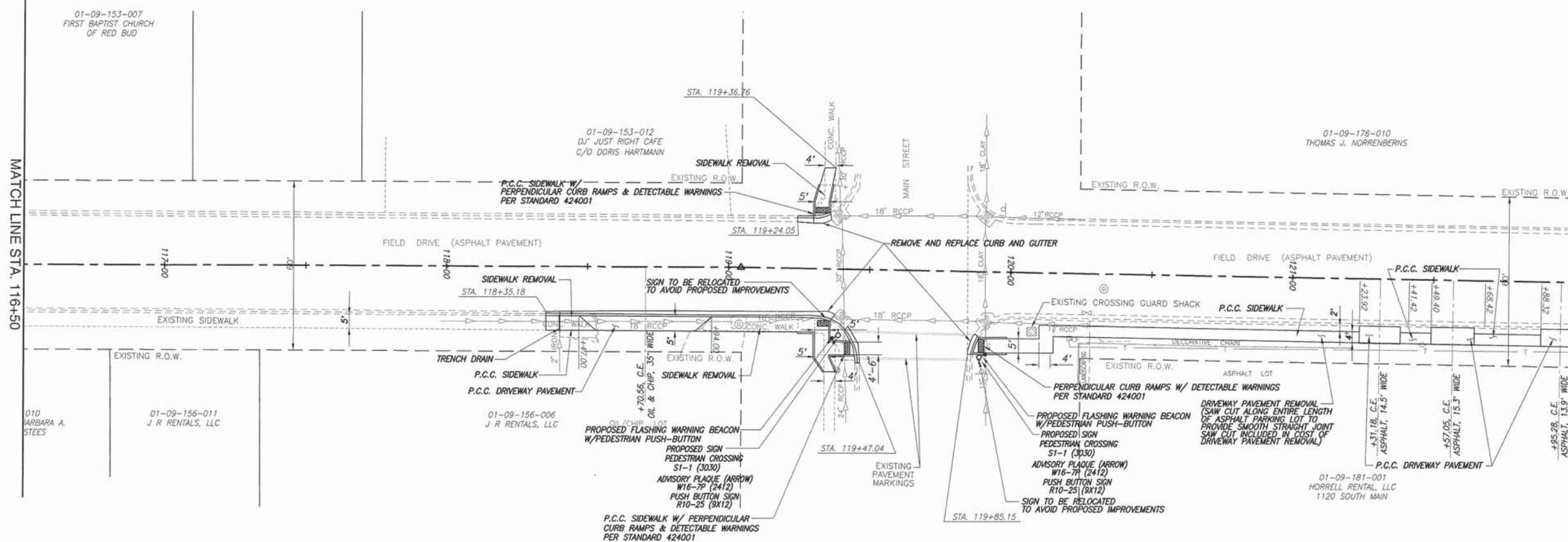
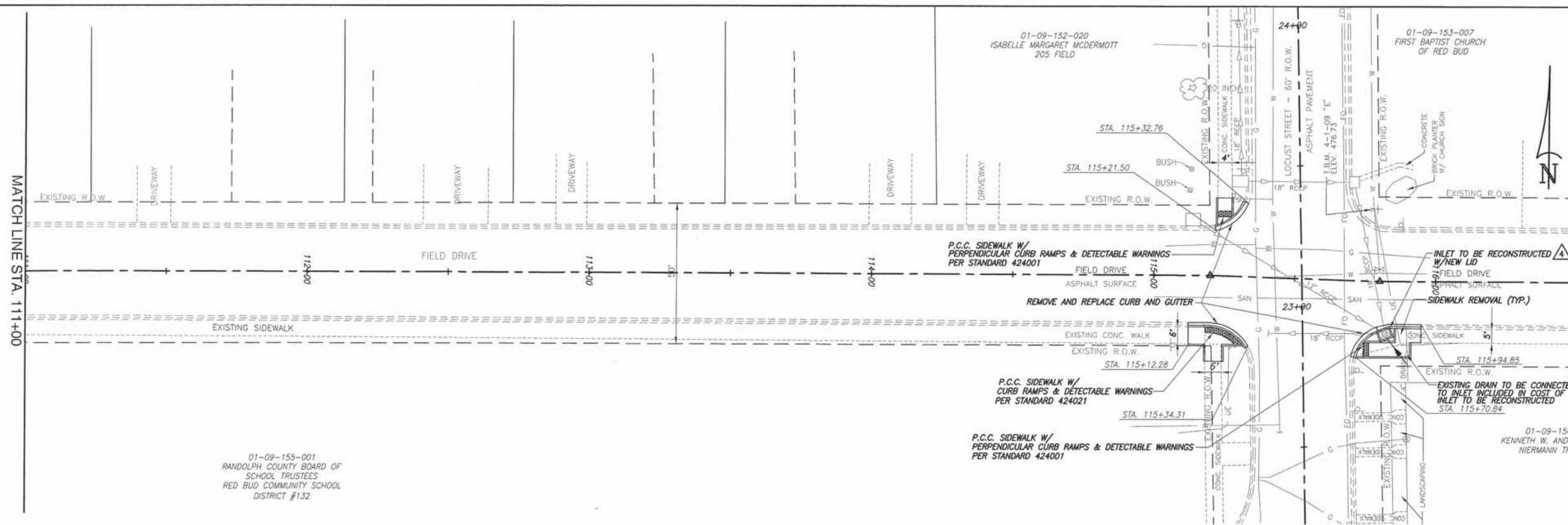
SCALE:
PLAN: 1"=20'

LEGEND

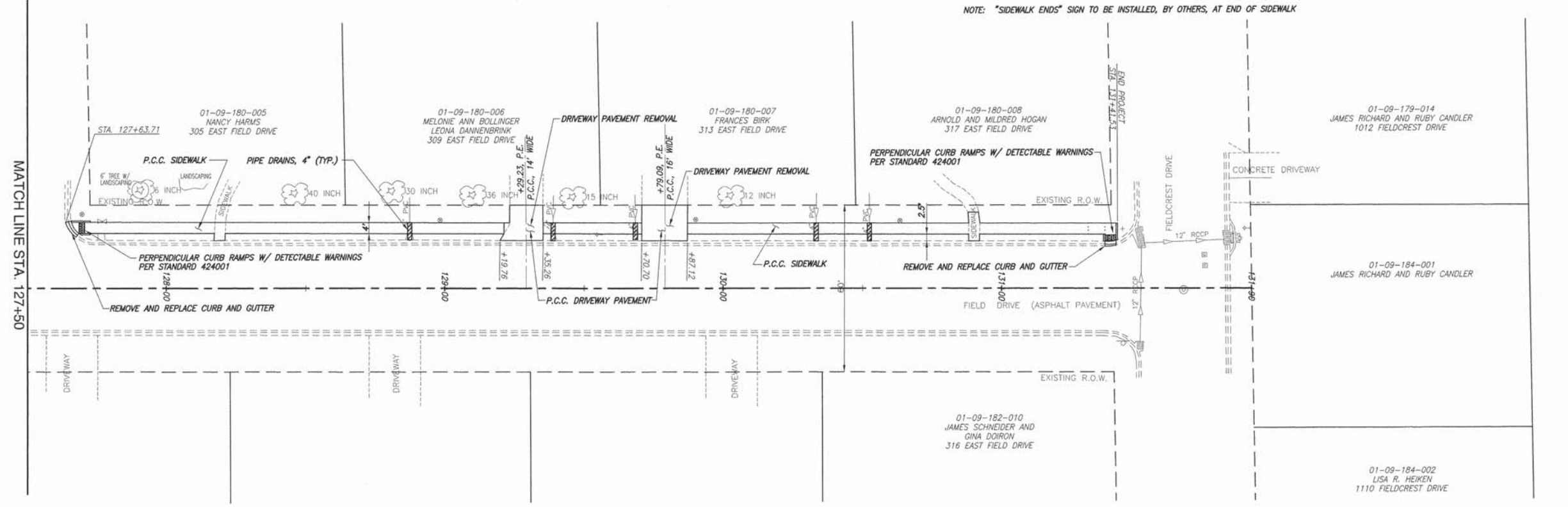
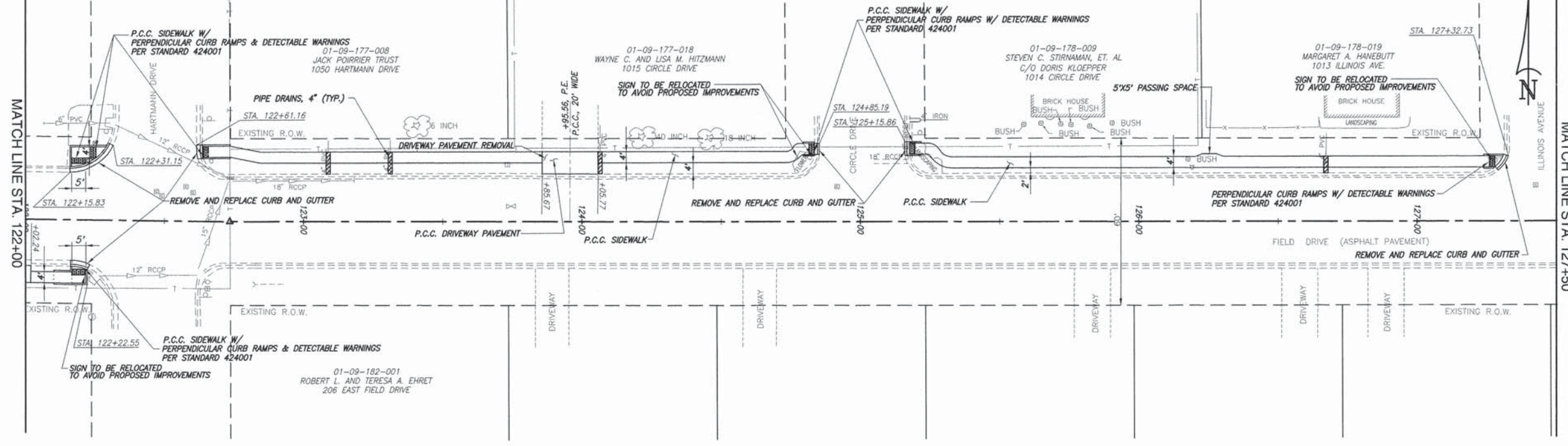
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- T TRAFFIC SIGN
- ◇ LIGHT POLE
- ◇ DECORATIVE LAMP POLE
- ◇ ELECTRIC PEDESTAL
- ◇ POWER POLE
- ◇ GAS VALVE
- ◇ GAS MAIN
- ◇ GUY WIRE
- ◇ SANITARY MANHOLE
- ◇ GRATED STORM INLET
- ◇ FIRE HYDRANT
- STORM CULVERT
- FLOWLINE OF DITCH OR SWALE
- GAS MAIN
- UNDERGROUND ELECTRIC
- SANITARY SEWER MAIN
- TELEPHONE LINE
- FIBER OPTIC LINE
- WATER LINE
- STORM PIPE

MATCH LINE STA. 116+50

MATCH LINE STA. 122+00

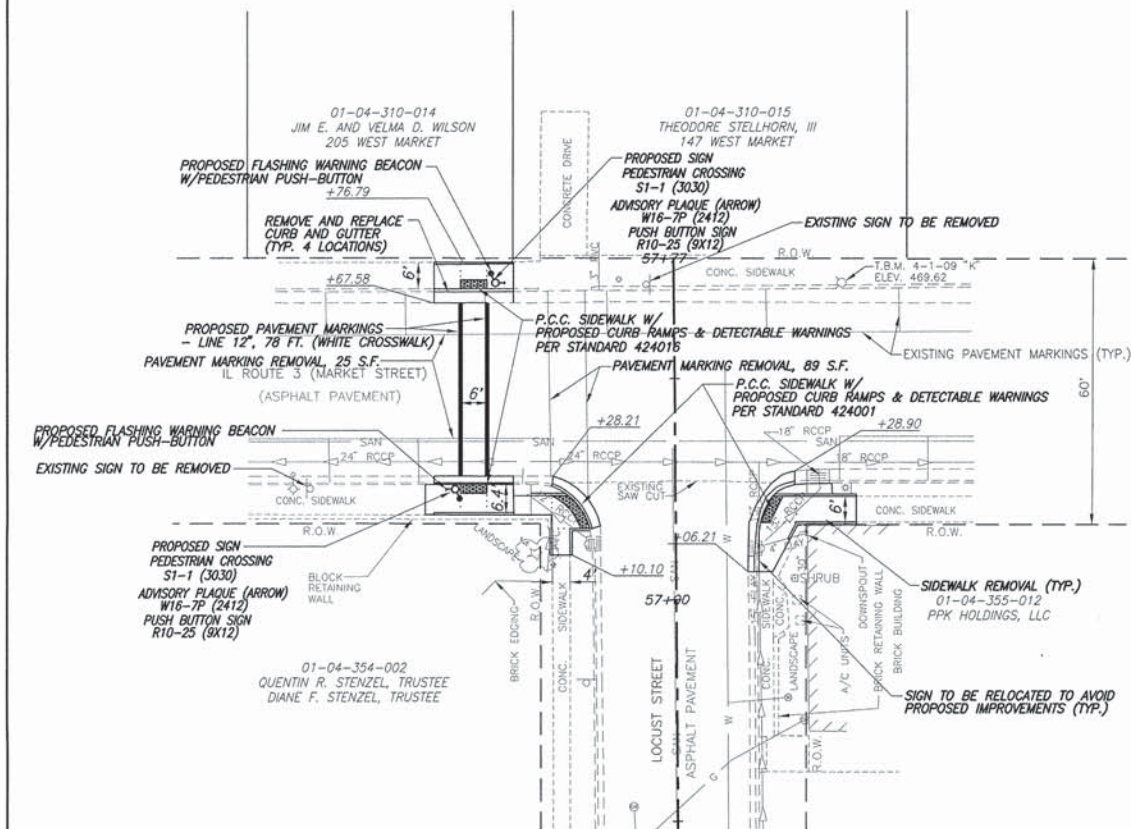
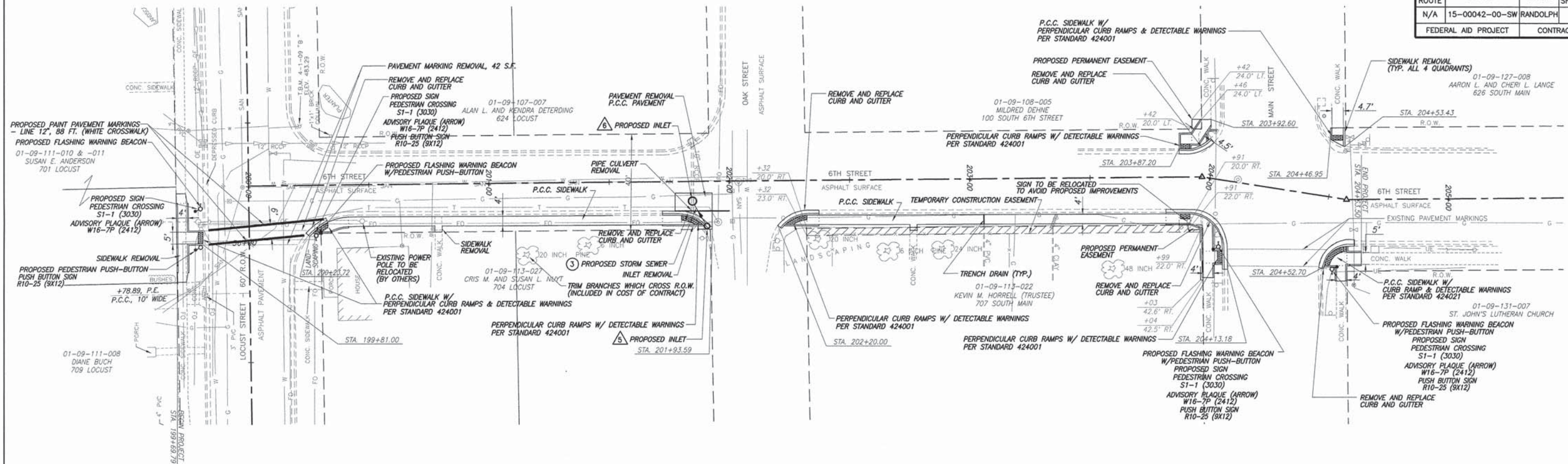


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	10
FEDERAL AID PROJECT			CONTRACT 97626	



- SCALE:**
PLAN: 1"=20'
- LEGEND**
- + STREET SIGN
 - TRAFFIC SIGN
 - LIGHT POLE
 - DECORATIVE LAMP POLE
 - ELECTRIC PEDESTAL
 - POWER POLE
 - GAS VALVE
 - GAS MAIN
 - GUY WIRE
 - SANITARY MANHOLE
 - GRATED STORM INLET
 - FIRE HYDRANT
 - STORM CULVERT
 - FLOWLINE OF DITCH OR SWALE
 - GAS MAIN
 - UNDERGROUND ELECTRIC
 - SANITARY SEWER MAIN
 - TELEPHONE LINE
 - FIBER OPTIC LINE
 - WATER LINE
 - STORM PIPE

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	11
FEDERAL AID PROJECT			CONTRACT 97626	



SCALE:
PLAN: 1"=20'

LEGEND

- + STREET SIGN
- △ TRAFFIC SIGN
- ◇ LIGHT POLE
- ◇ DECORATIVE LAMP POLE
- ELECTRIC PEDESTAL
- ◇ POWER POLE
- GAS VALVE
- ◇ GAS MAIN
- ◇ GUY WIRE
- ◇ SANITARY MANHOLE
- ◇ GRATED STORM INLET
- ◇ FIRE HYDRANT
- STORM CULVERT
- FLOWLINE OF DITCH OR SWALE
- GAS MAIN
- UNDERGROUND ELECTRIC
- SANITARY SEWER MAIN
- TELEPHONE LINE
- FIBER OPTIC LINE
- WATER LINE
- STORM PIPE

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	12
FEDERAL AID PROJECT			CONTRACT 97626	

GENERAL NOTES

THE LOCATIONS OF ALL FLASHING BEACON COMPONENTS AS SHOWN ON THE PANS ARE APPROXIMATE ONLY. THE FINAL LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS. THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN THE JUNCTION BOXES AND GULFBOXES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A DEPTH GREATER THAN THE 2 FOOT MINIMUM TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

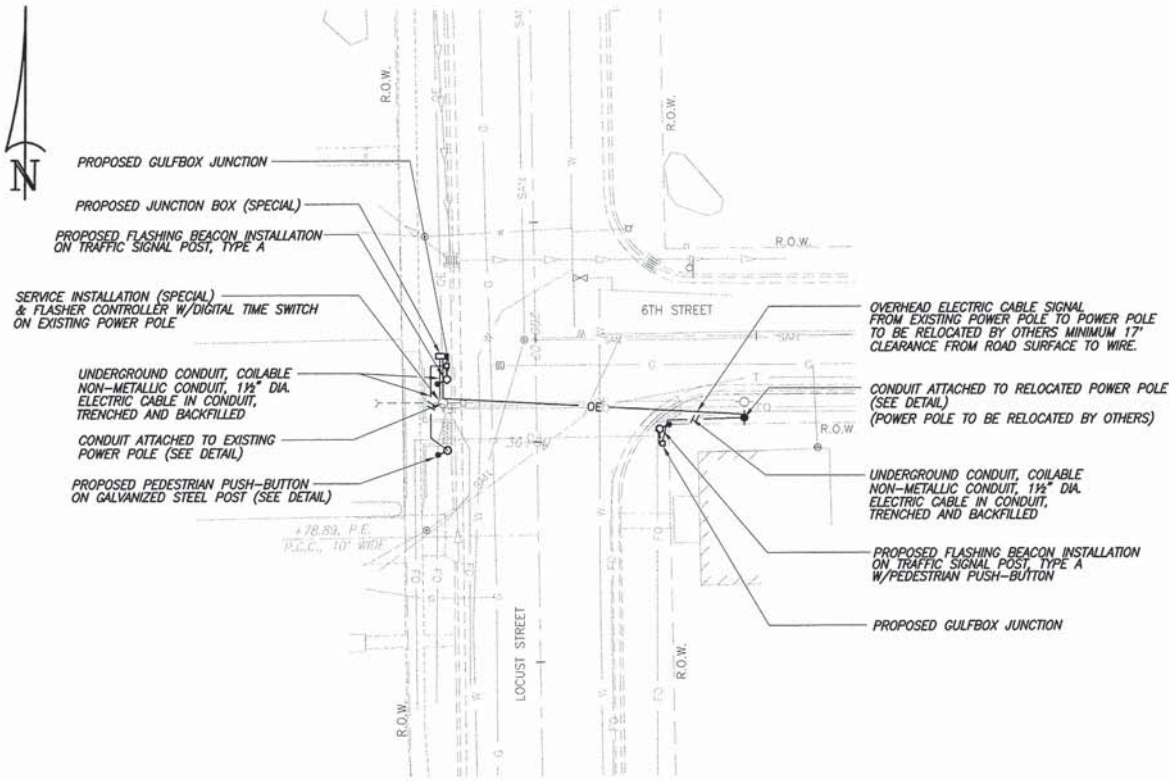
THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF FLASHING BEACON INSTALLATION.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

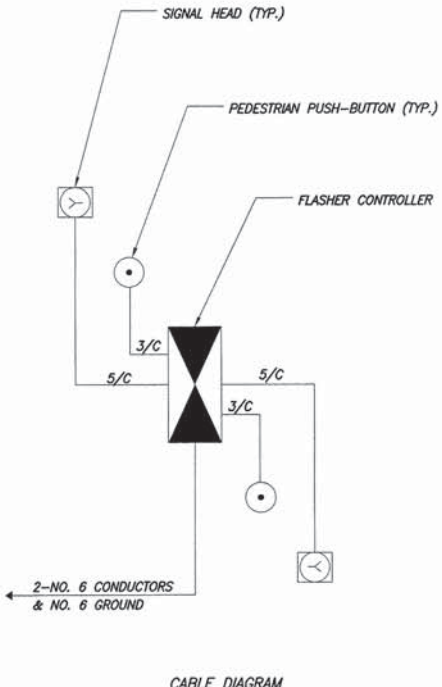
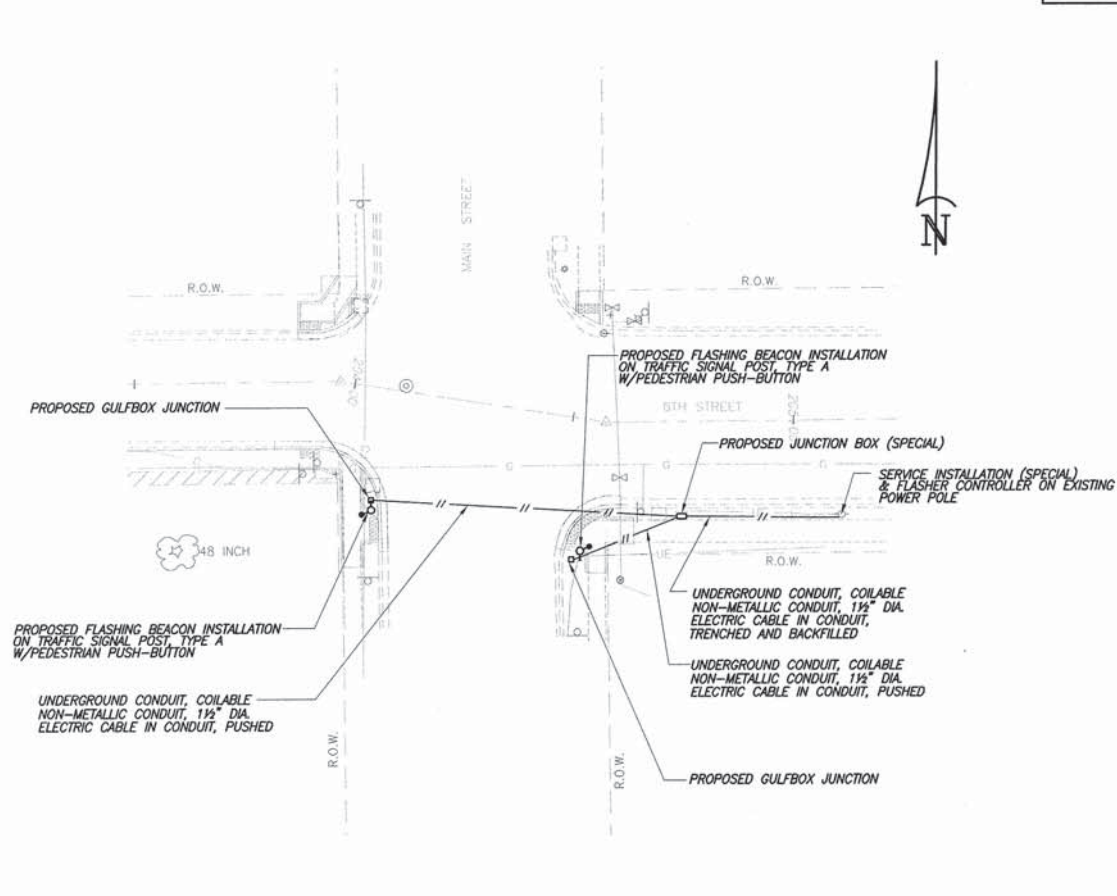
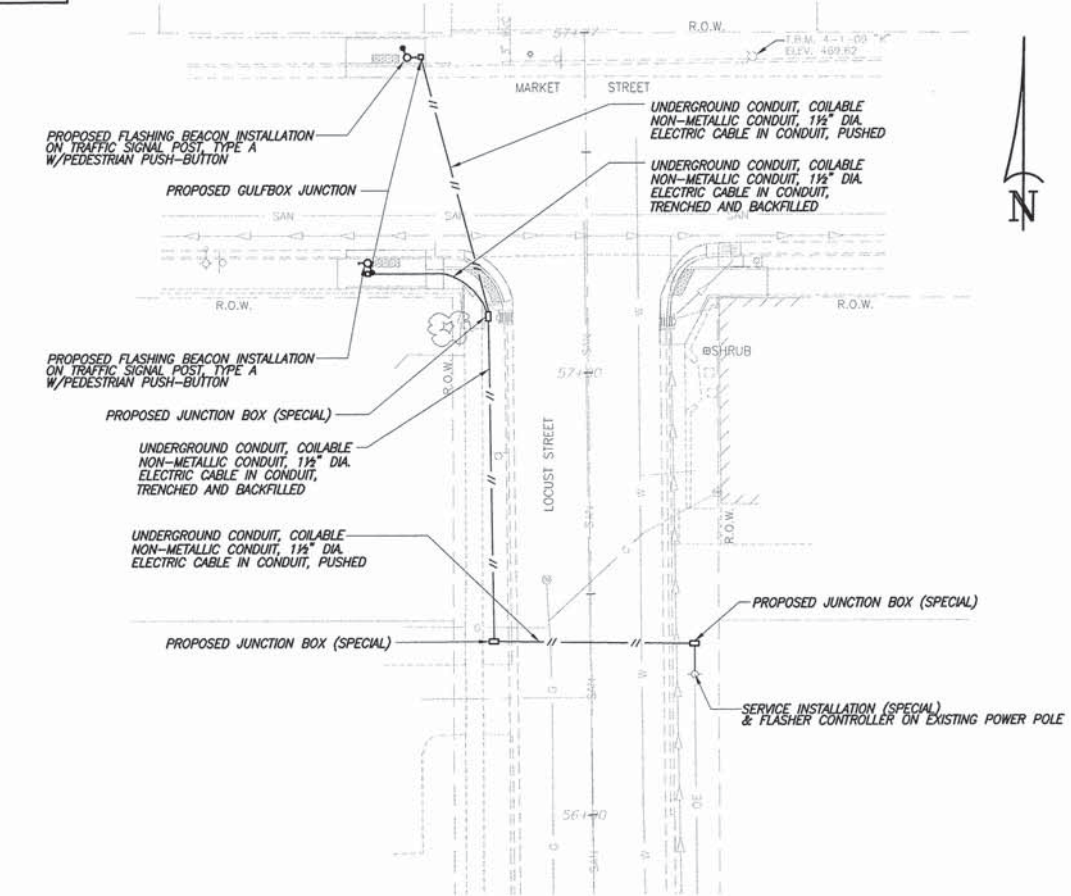
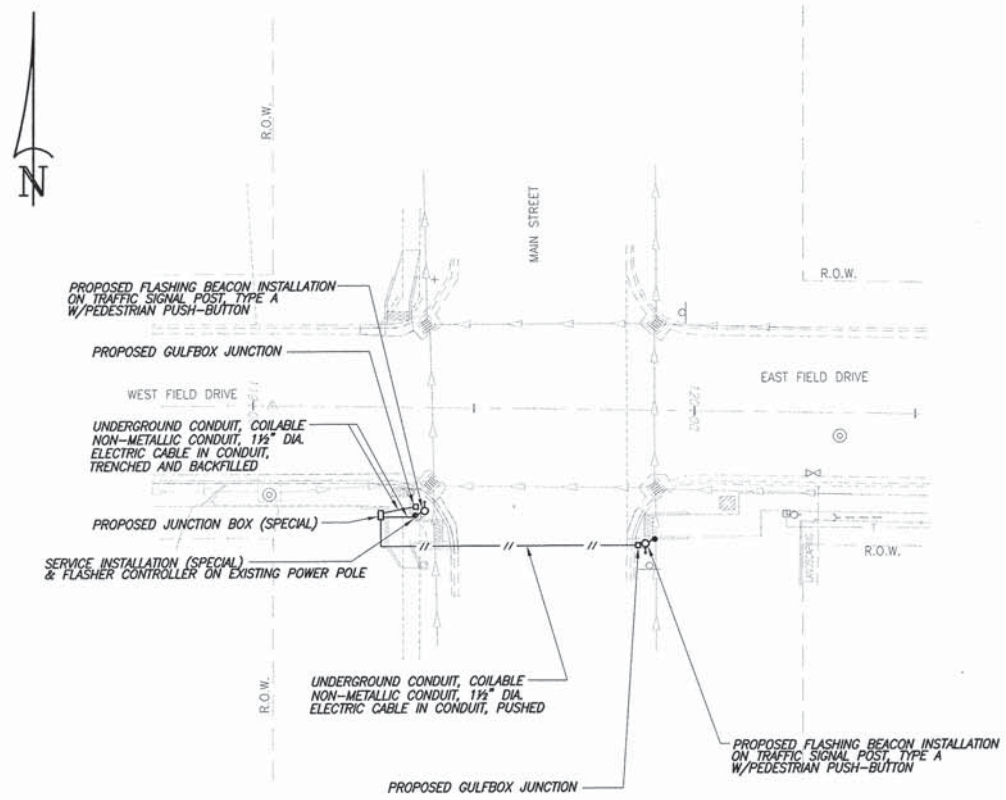
THE COST FOR ALL CONDUIT, ELECTRIC CABLE, BORING, TRENCHING AND BACKFILL SHALL BE INCLUDED IN THE COST OF THE FLASHING BEACON INSTALLATION.

CABLE MARKING TAPE SHALL BE INCLUDED IN THE COST OF THE FLASHING BEACON INSTALLATION.

A 1/2" NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL CONDUITS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE FLASHING BEACON INSTALLATION.

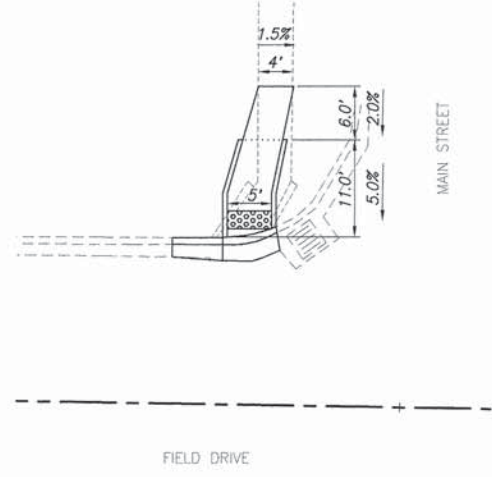
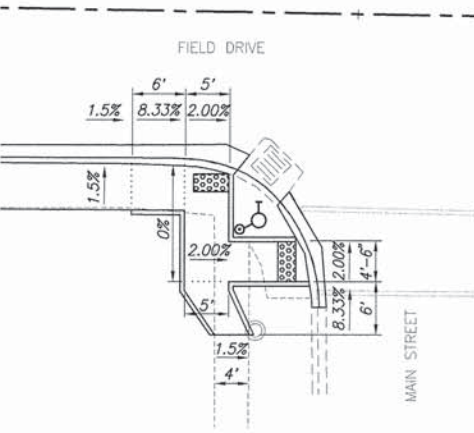
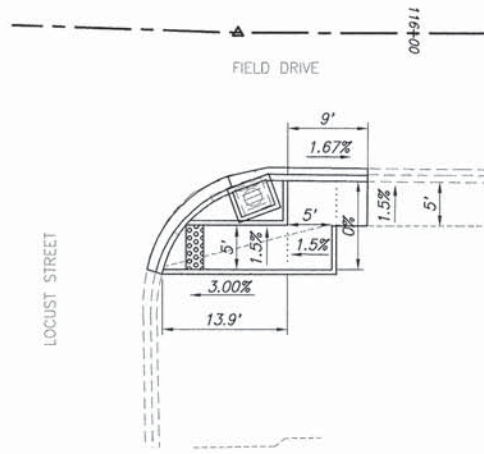
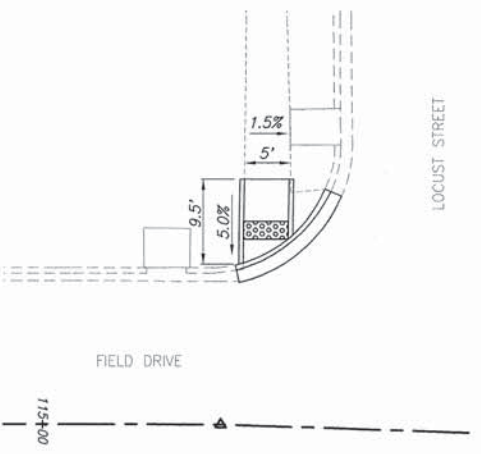
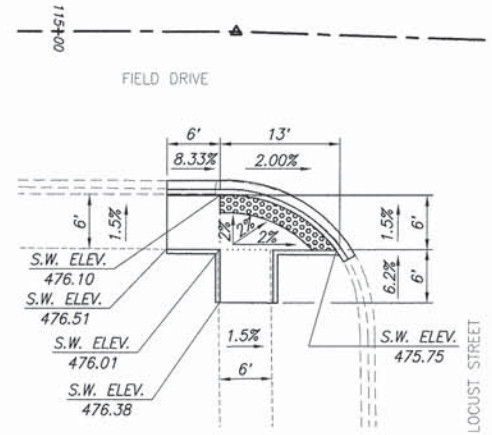
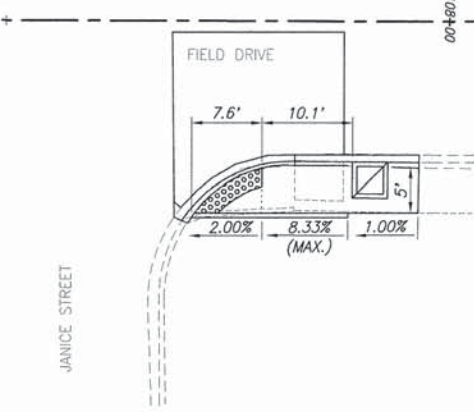
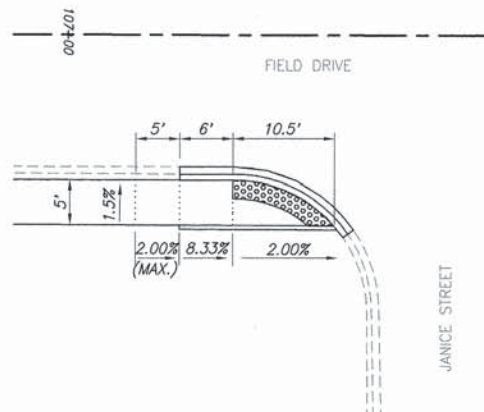
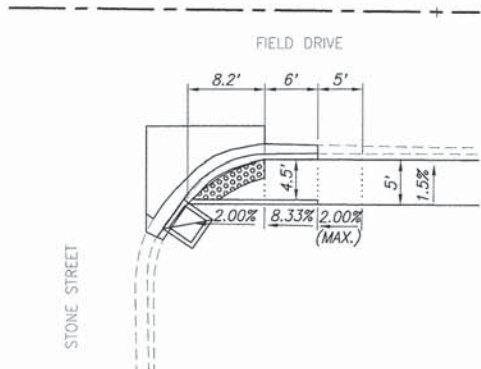
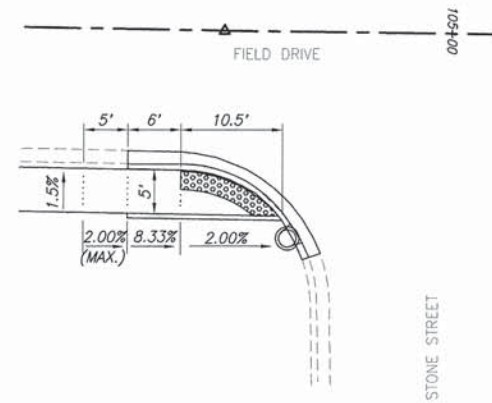
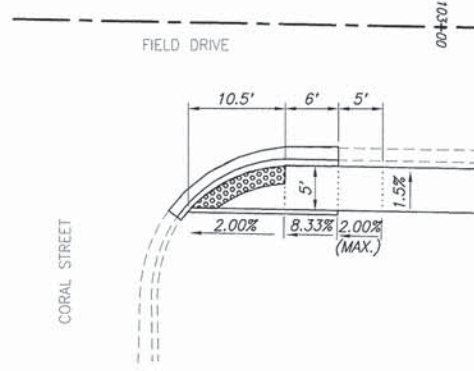
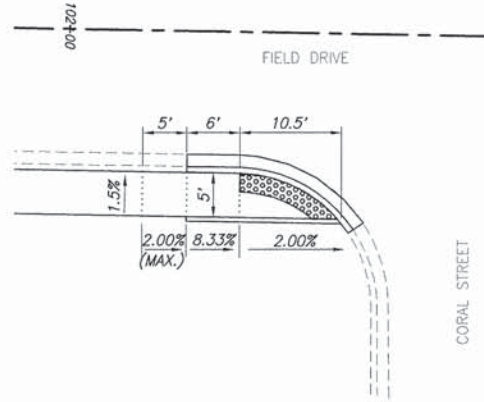
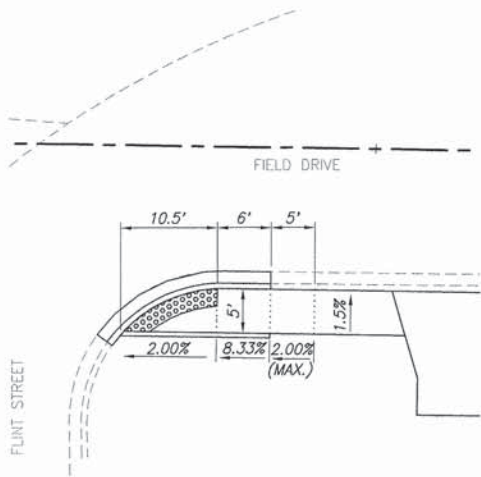


SCALE:
PLAN: 1"=20'



CABLE DIAGRAM

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	13
FEDERAL AID PROJECT			CONTRACT 97626	

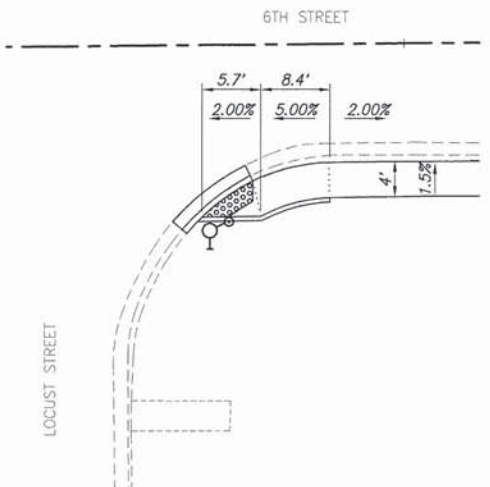
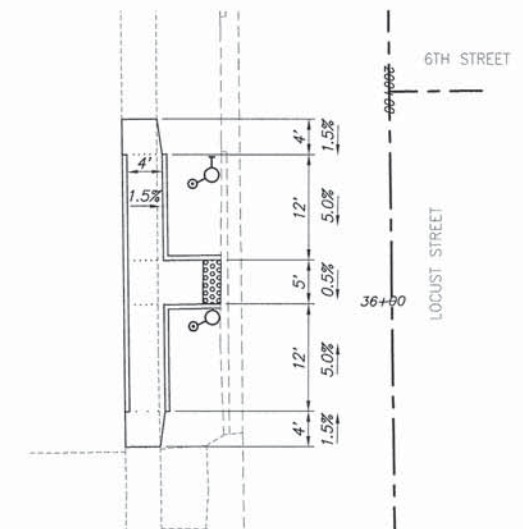
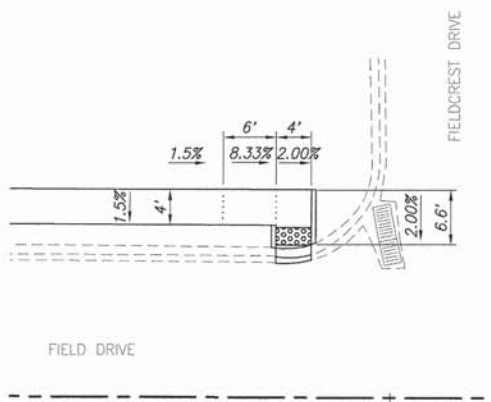
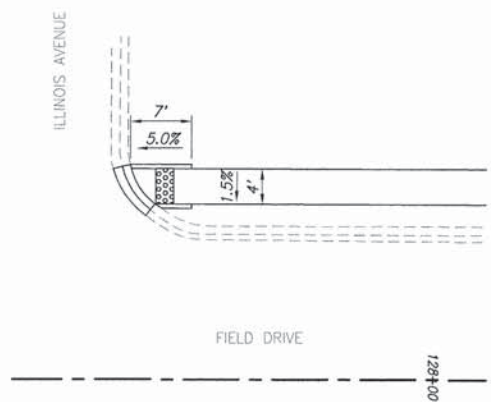
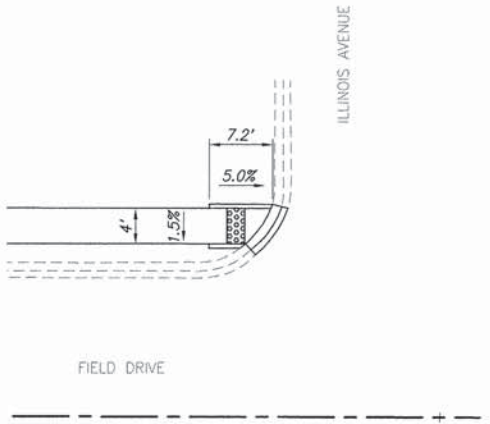
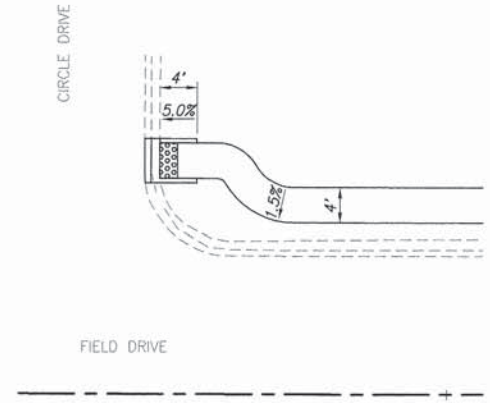
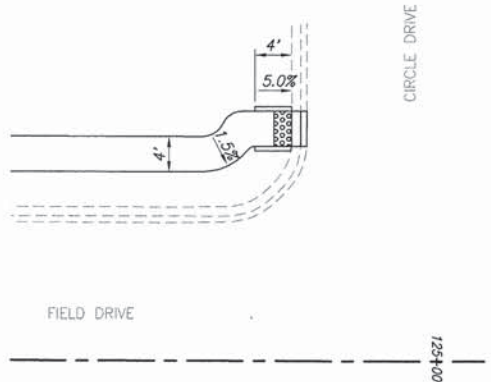
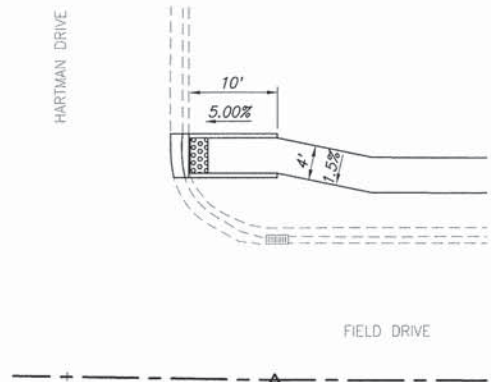
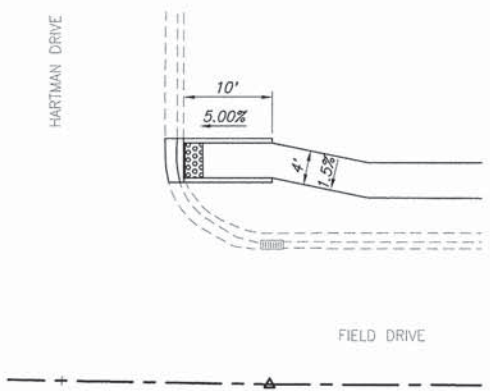
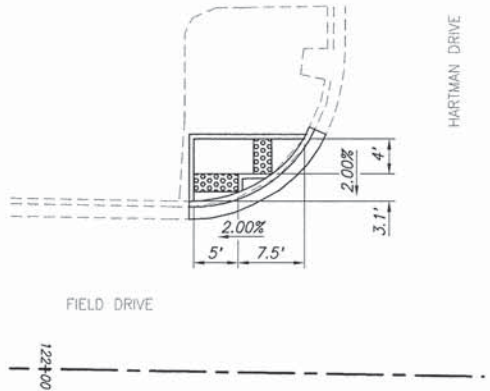
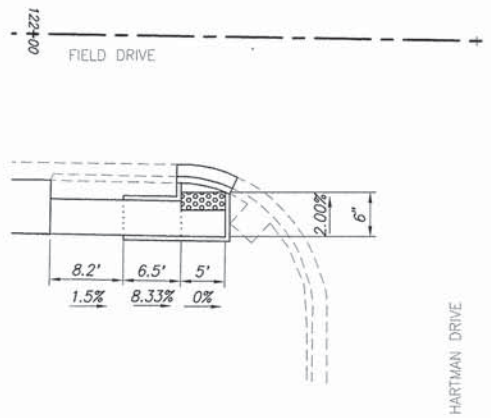
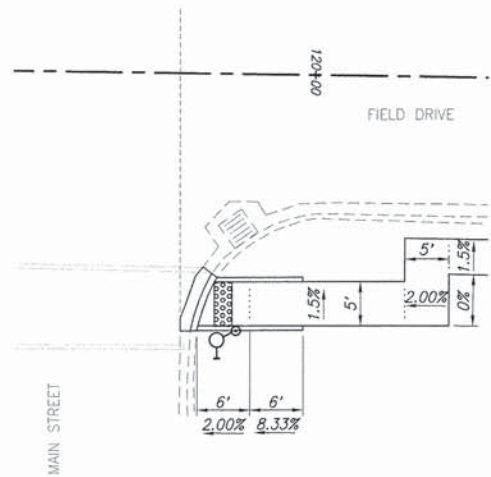


SCALE:
PLAN: 1"=10'

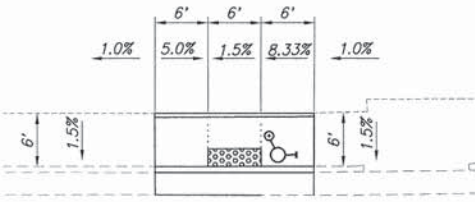
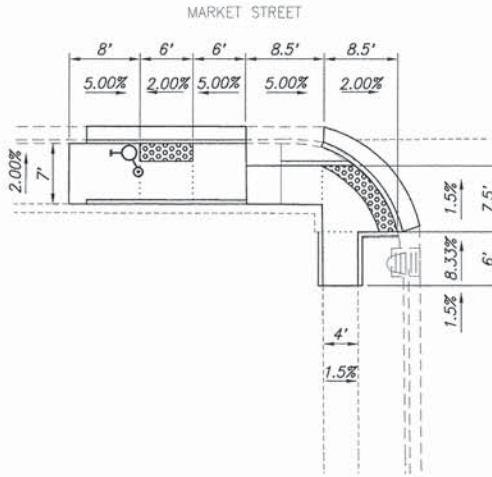
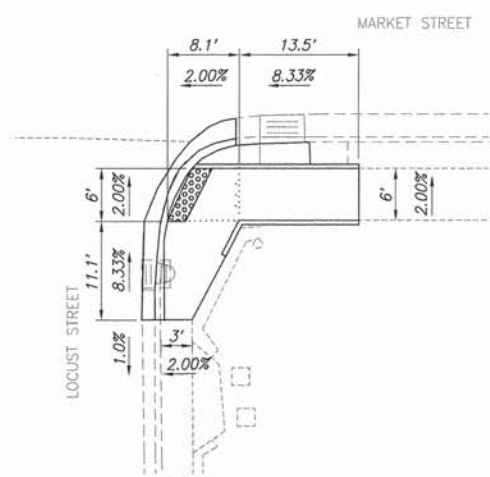
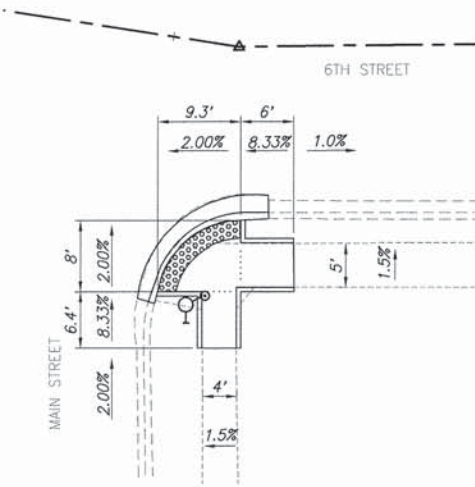
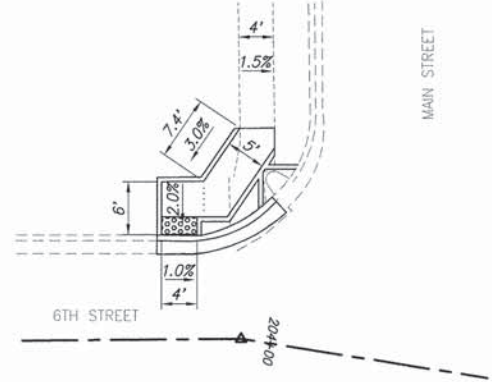
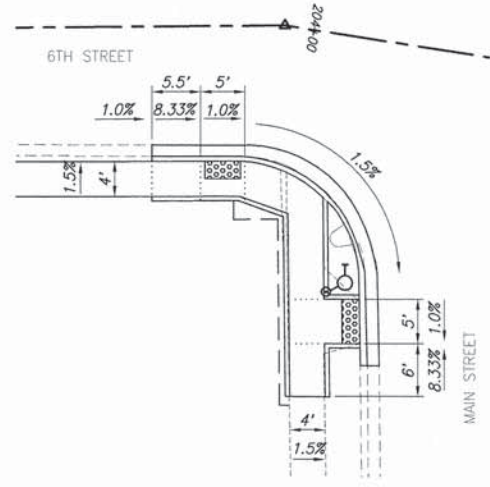
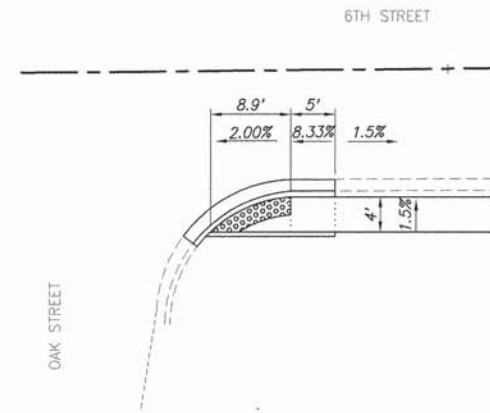
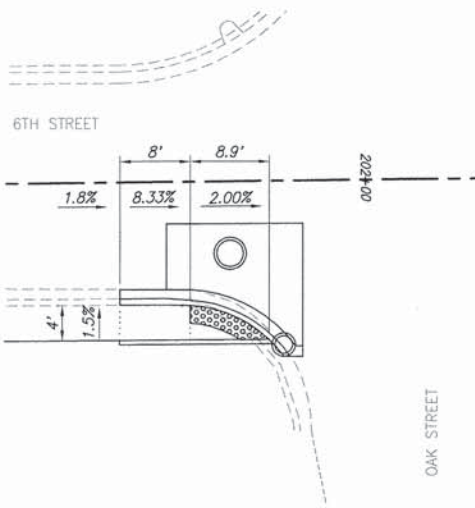
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	14
FEDERAL AID PROJECT			CONTRACT 97626	



SCALE:
PLAN: 1" = 10'

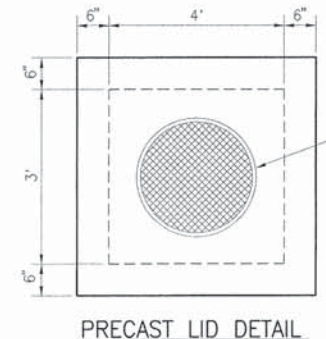


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	15
FEDERAL AID PROJECT		CONTRACT 97626		

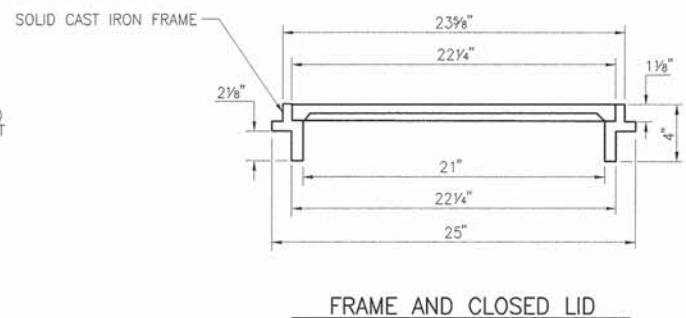


SCALE:
PLAN: 1"=10'

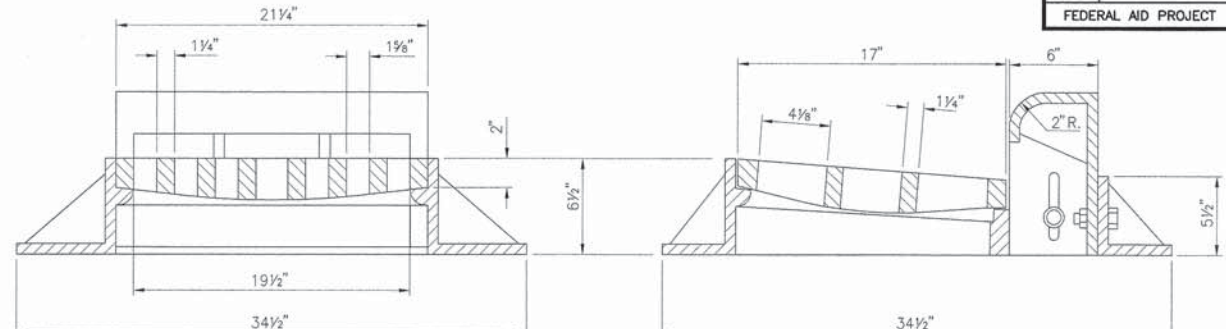
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	17
FEDERAL AID PROJECT			CONTRACT 97626	



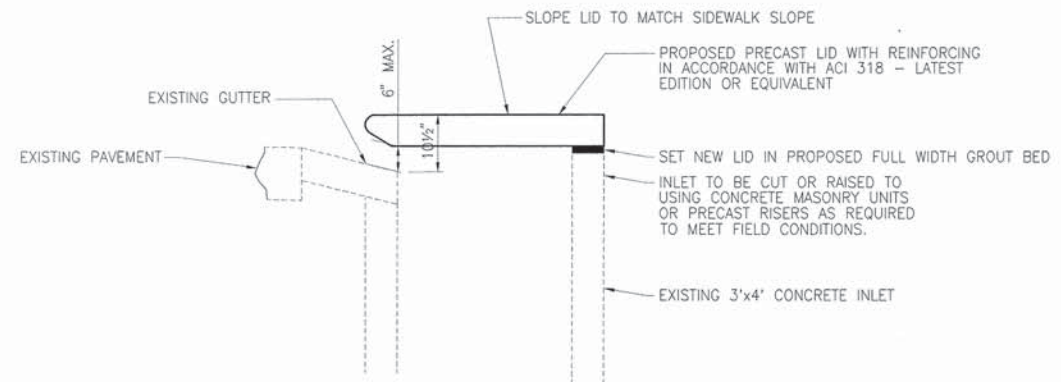
PRECAST LID DETAIL



FRAME AND CLOSED LID

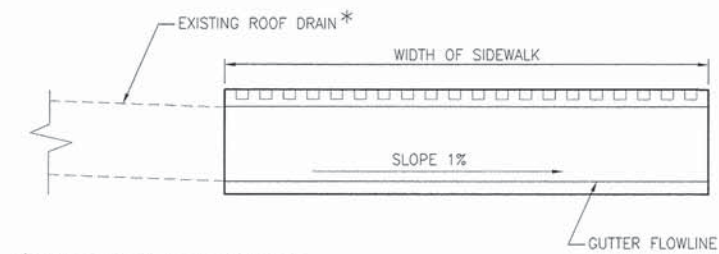


SPECIAL FRAME AND GRATE
FOR USE WITH INLETS, TYPE A
N.T.S.
(NEENAH R-3275 OR EQUAL)



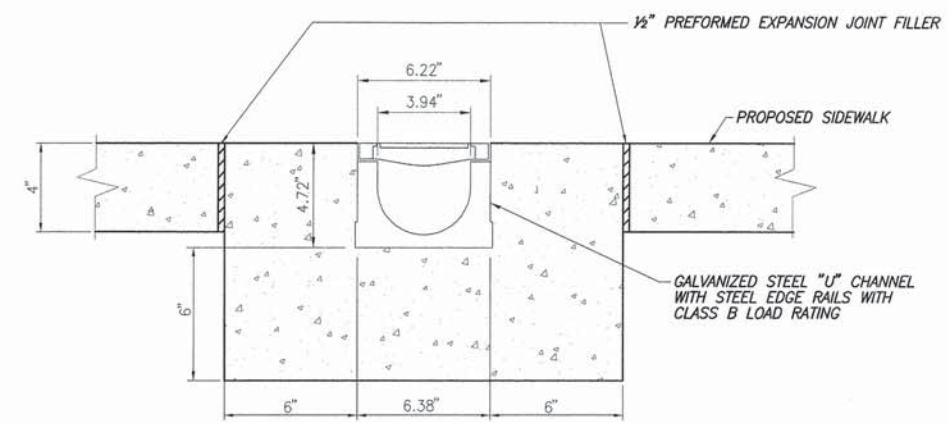
INLETS TO BE RECONSTRUCTED
(SPECIAL)

N.T.S.

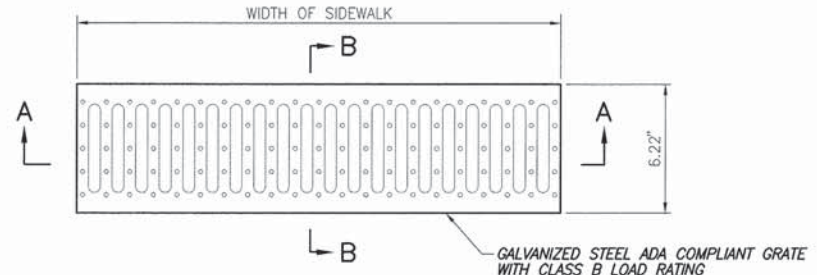


SECTION A-A

* EXTEND OR CUT AS NECESSARY TO
CONNECT WITH PROPOSED TRENCH.
SCHEDULE 40 PVC WITH FLEXIBLE
USED TO EXTEND EXISTING DRAINS.



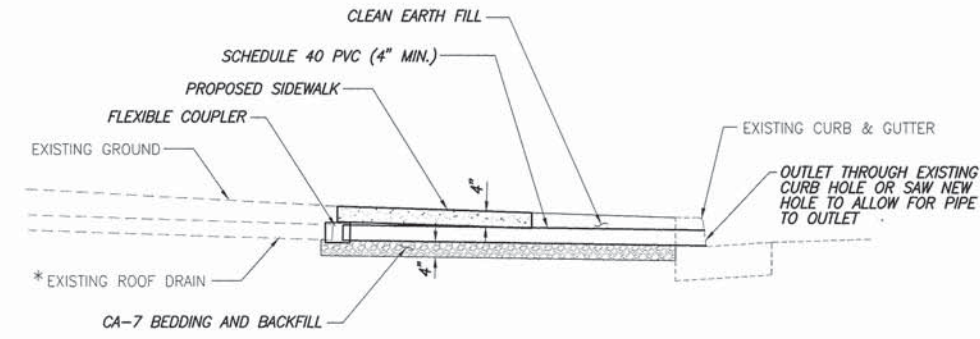
SECTION B-B



PLAN VIEW

TRENCH DRAIN DETAIL

N.T.S.

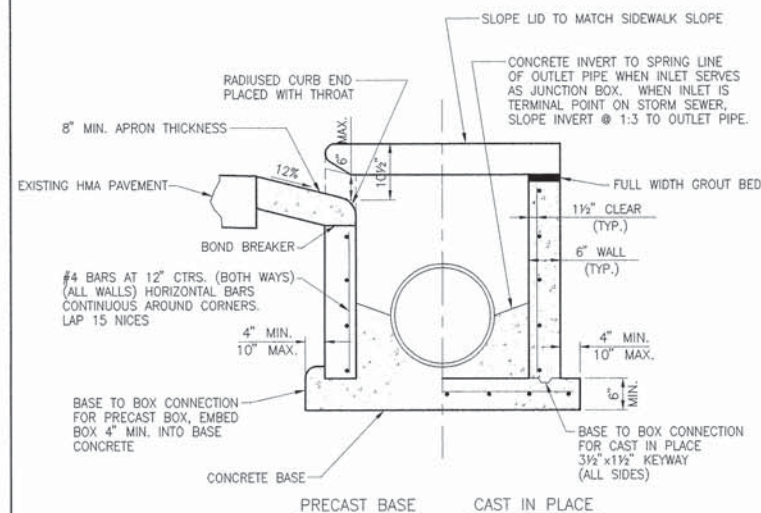


PIPE DRAINS, 4" DETAIL

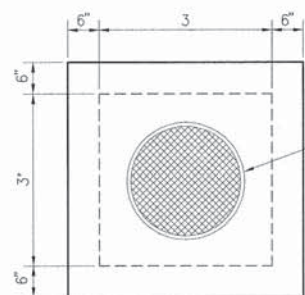
N.T.S.

* CUT, EXTEND OR ADJUST
VERTICALLY AS NECESSARY
TO INSTALL PIPE DRAINS
UNDER PROPOSED SIDEWALK.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00042-00-SW	RANDOLPH	28	18
FEDERAL AID PROJECT			CONTRACT 97626	



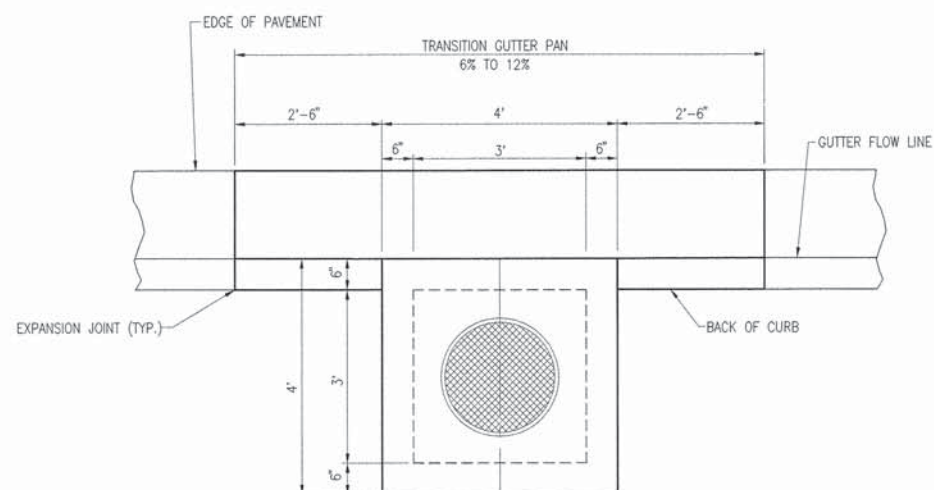
END VIEW



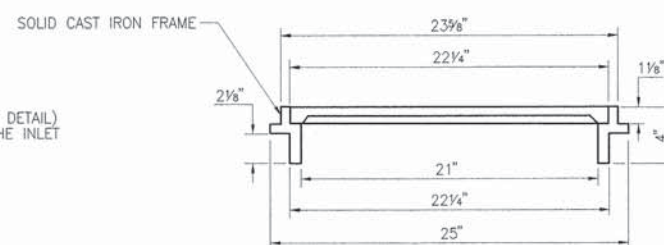
PRECAST LID DETAIL

INLETS, SPECIAL, NO. 1

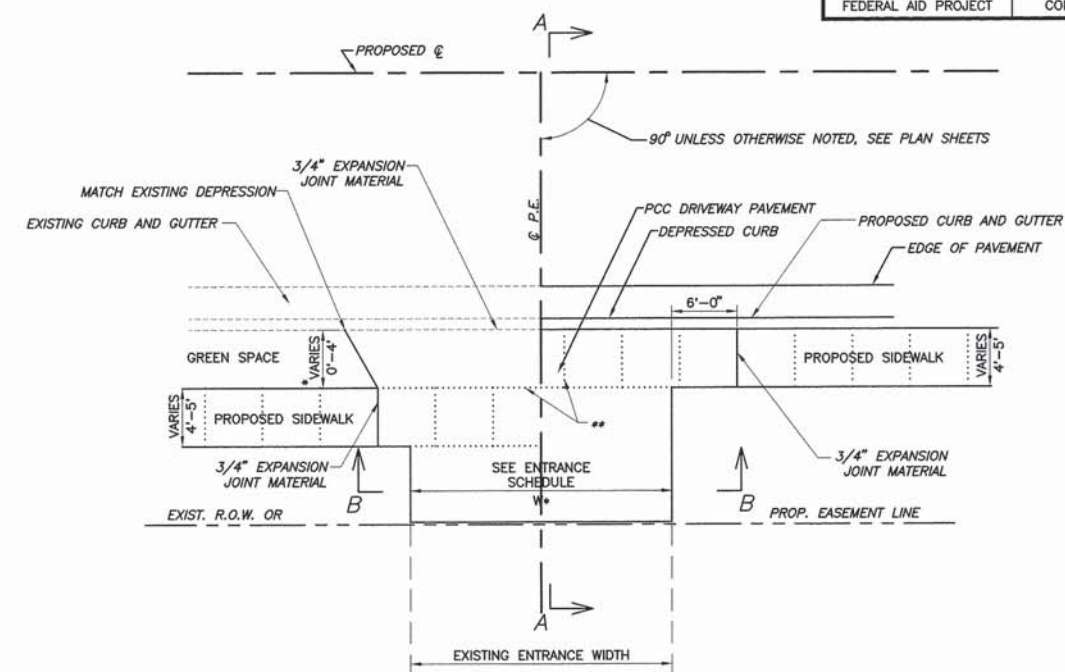
N.T.S.



PLAN



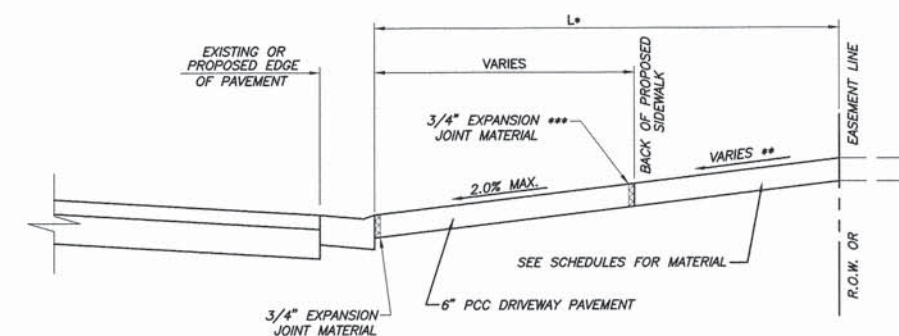
FRAME AND CLOSED LID



ENTRANCE DETAIL "A"

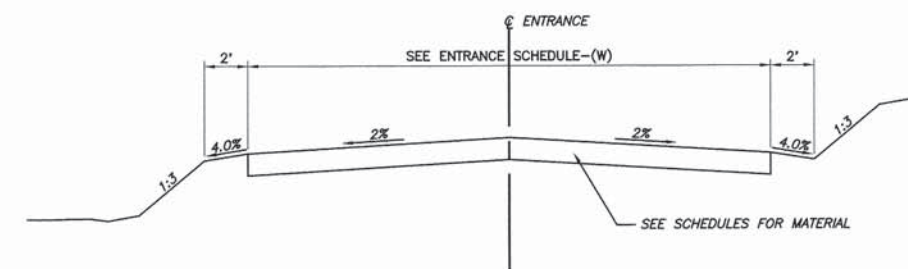
ENTRANCE WITH SIDEWALK

- * - WHERE PROPOSED SIDEWALK IS ADJACENT TO BACK OF CURB SIDEWALK ELEVATION MAY DEVIATE FROM CURB ELEVATION IN ORDER TO MAINTAIN 5% MAX. LONGITUDINAL SLOPE.
- ** - DRIVEWAY PAVEMENT SHALL BE GROOVED TO MATCH SIDEWALK



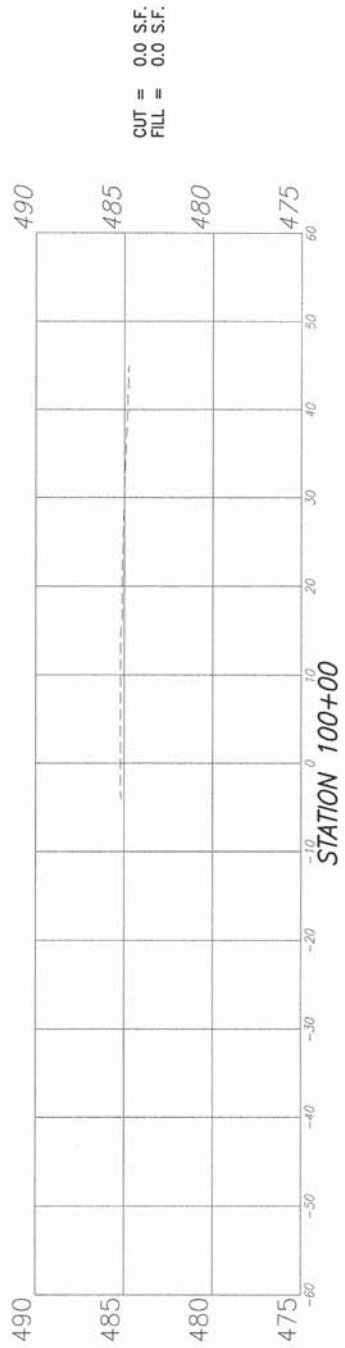
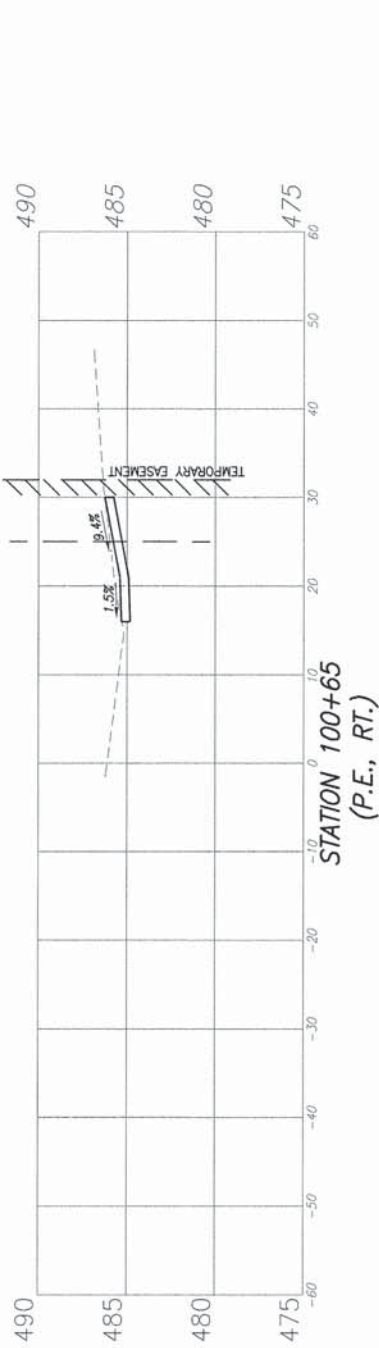
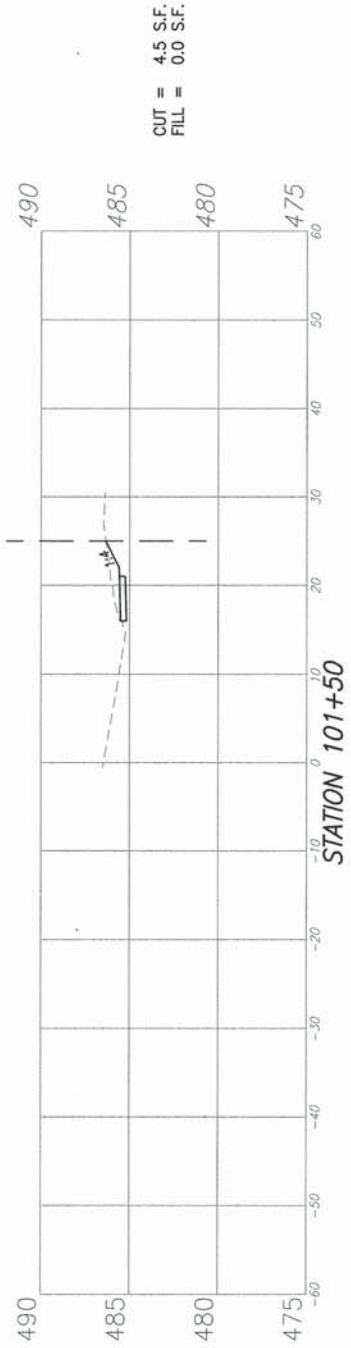
SECTION "A-A"

- * SEE ENTRANCE SCHEDULE FOR DISTANCES
- ** SEE CROSS SECTIONS FOR SLOPES
- *** EXPANSION REQUIRED ADJACENT TO CONCRETE DRIVEWAY PAVEMENT



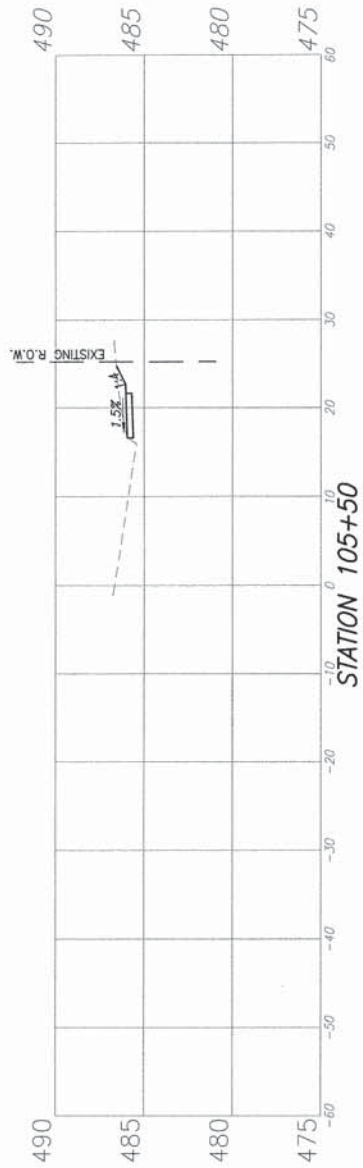
SECTION "B-B"

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	19
FEDERAL AID PROJECT		CONTRACT 97626		

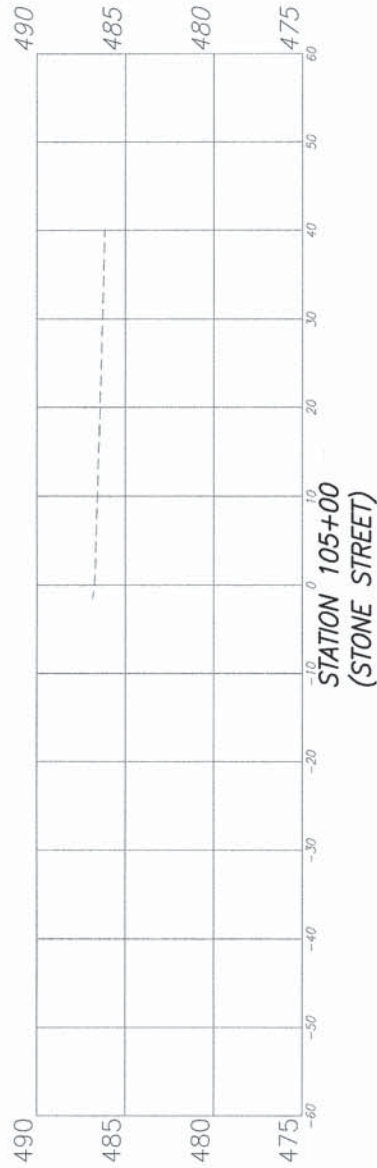


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	20
FEDERAL AID PROJECT		CONTRACT 97626		

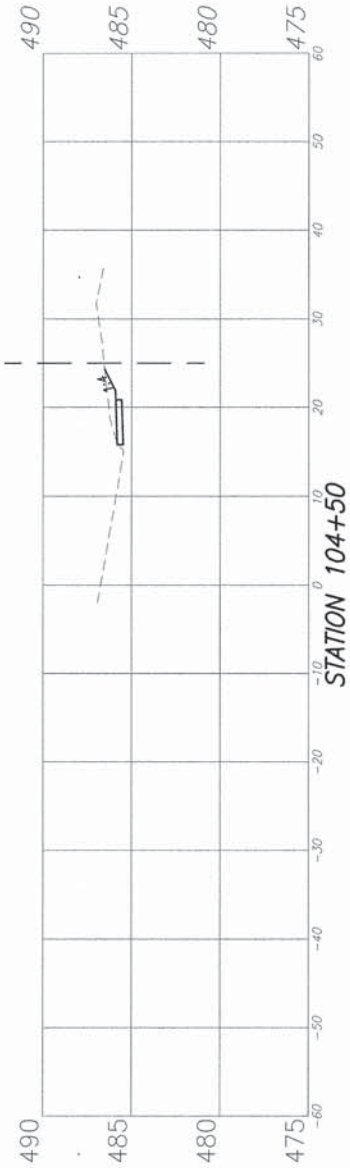
CUT = 3.6 S.F.
FILL = 0.0 S.F.



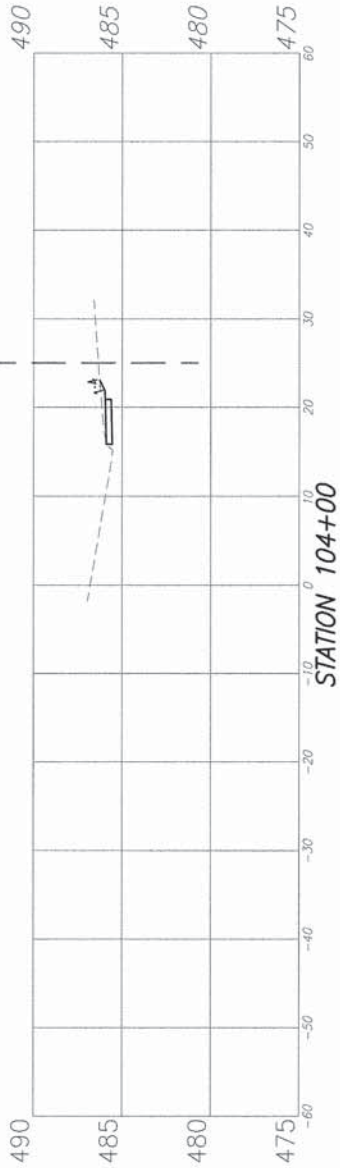
CUT = 0.0 S.F.
FILL = 0.0 S.F.



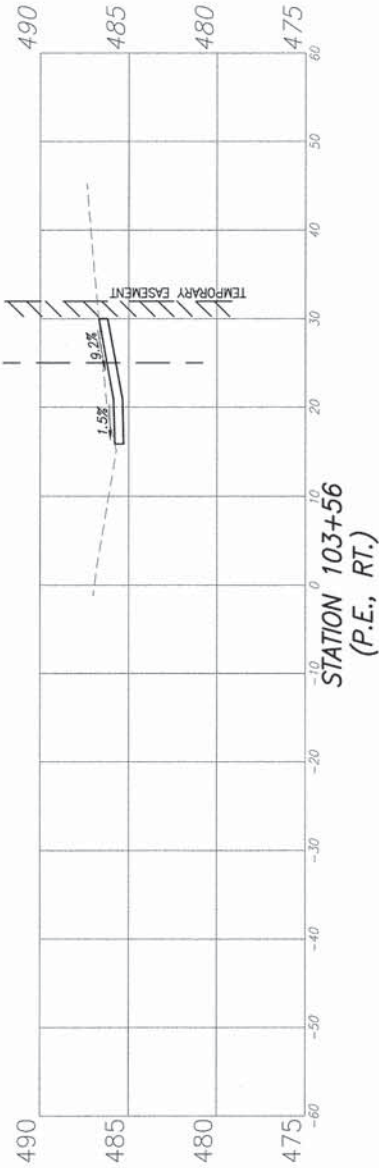
CUT = 4.2 S.F.
FILL = 0.0 S.F.



CUT = 2.8 S.F.
FILL = 0.0 S.F.



CUT = 3.7 S.F.
FILL = 0.0 S.F.



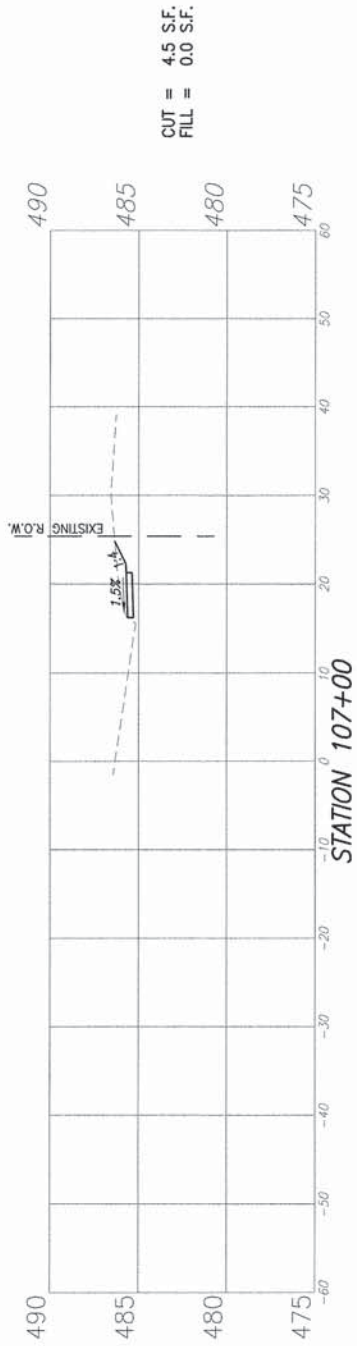
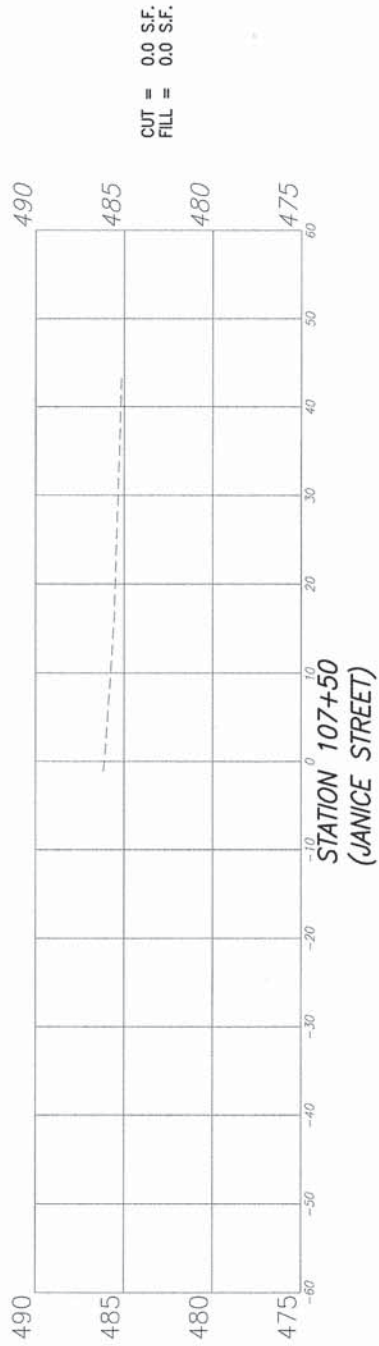
CUT = 2.7 S.F.
FILL = 0.0 S.F.



CUT = 2.7 S.F.
FILL = 0.0 S.F.

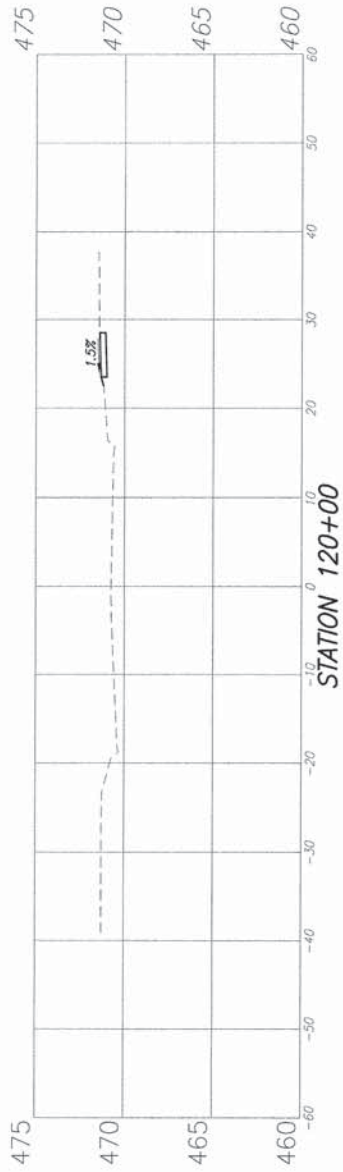


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	21
FEDERAL AID PROJECT		CONTRACT 97626		

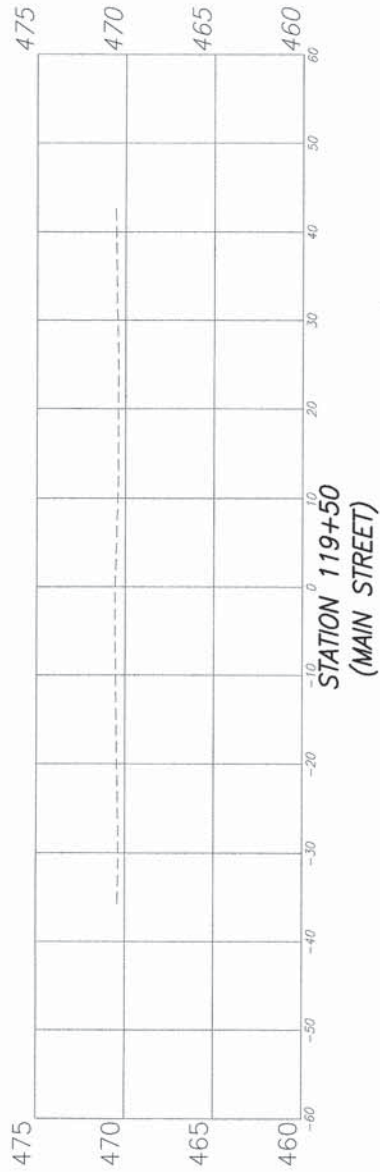


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	22
FEDERAL AID PROJECT		CONTRACT 97626		

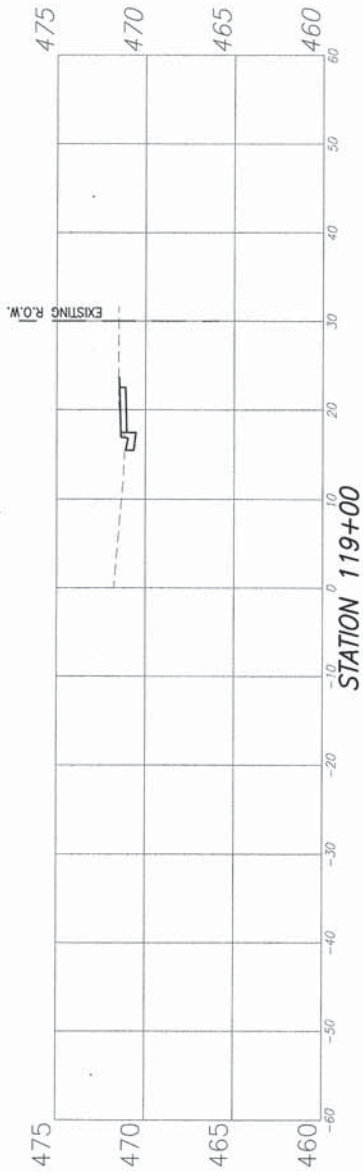
CUT = 1.6 S.F.
FILL = 0.1 S.F.



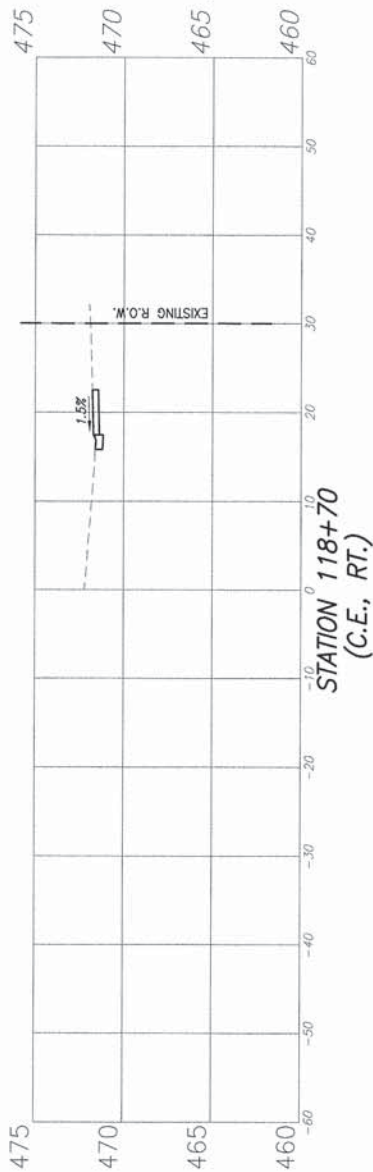
CUT = 0.0 S.F.
FILL = 0.0 S.F.



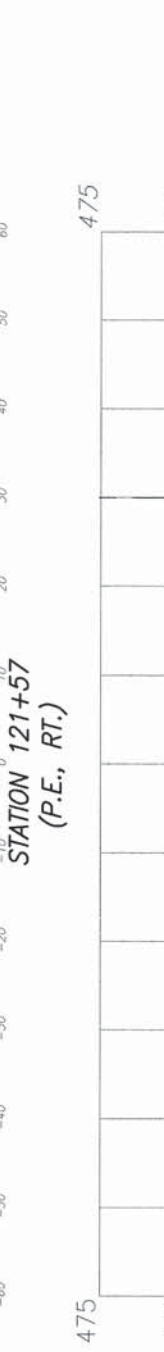
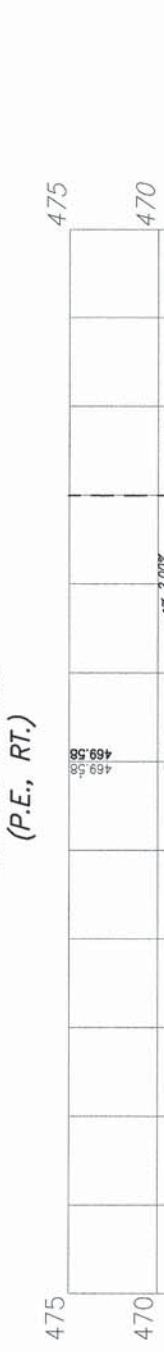
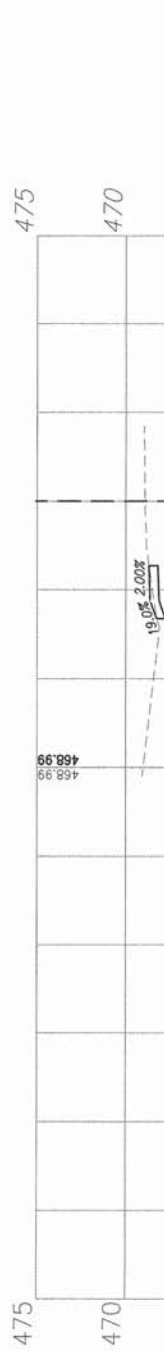
CUT = 3.0 S.F.
FILL = 0.0 S.F.



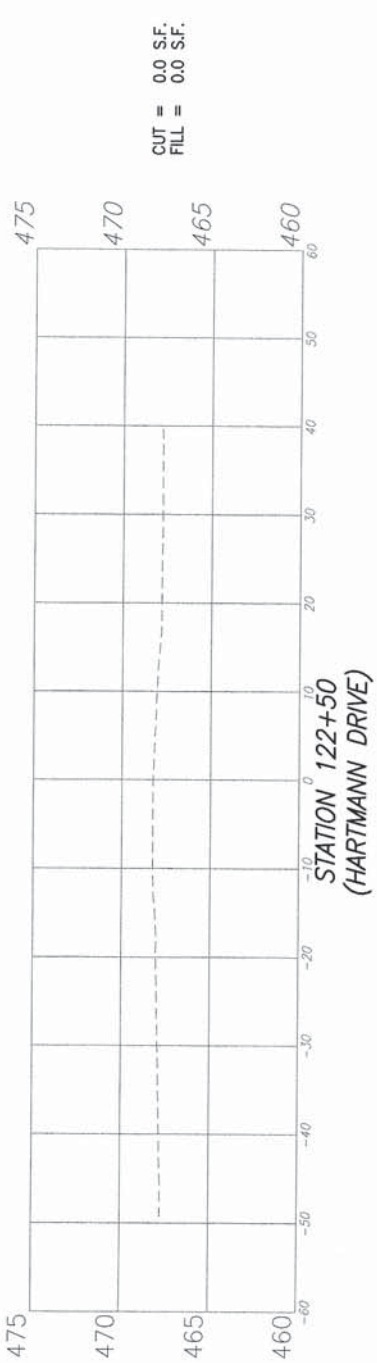
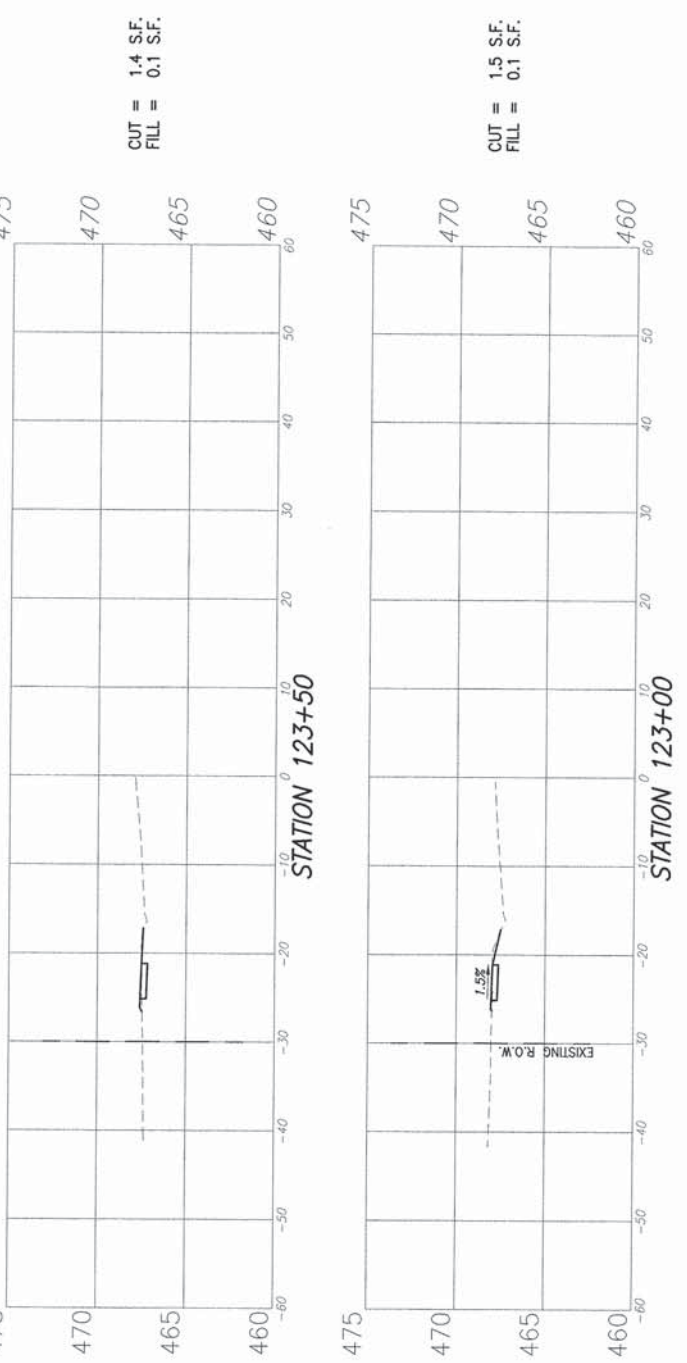
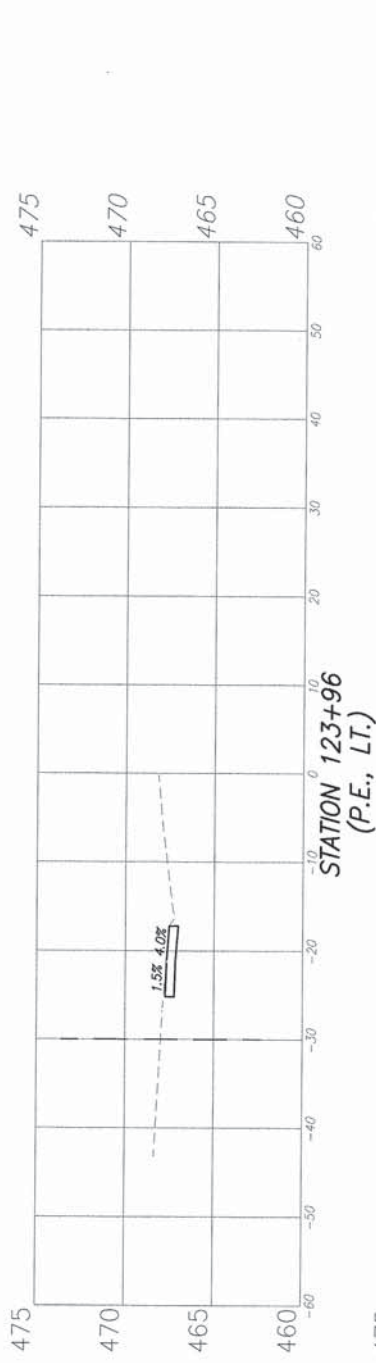
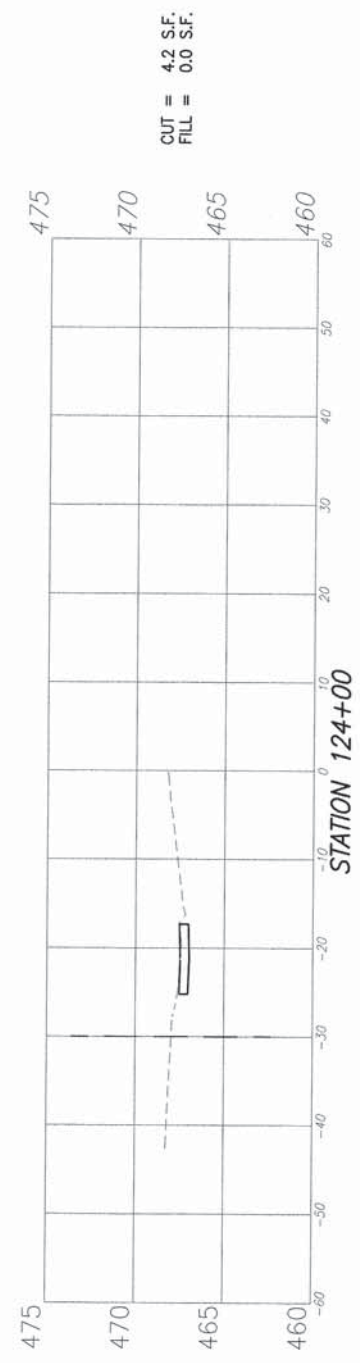
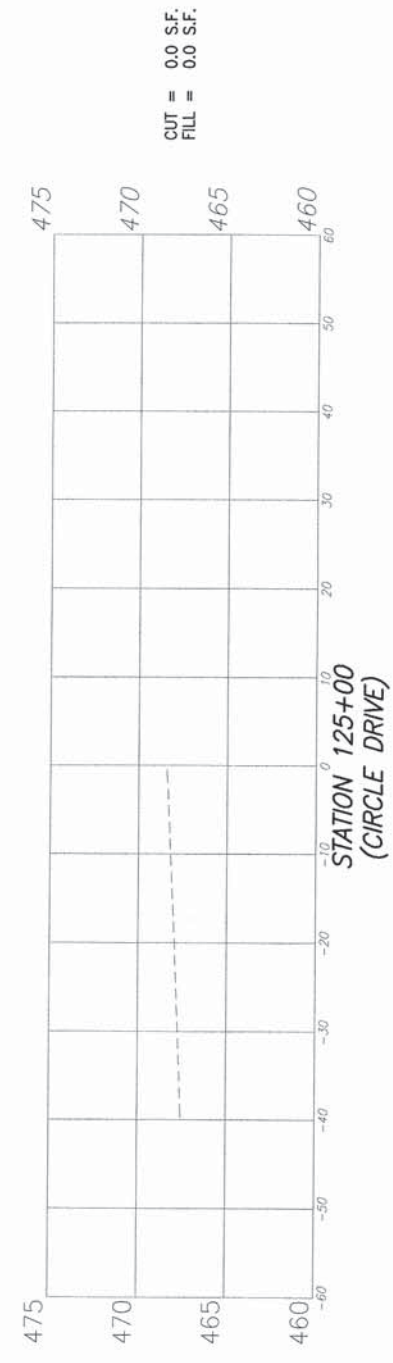
CUT = 3.1 S.F.
FILL = 0.0 S.F.



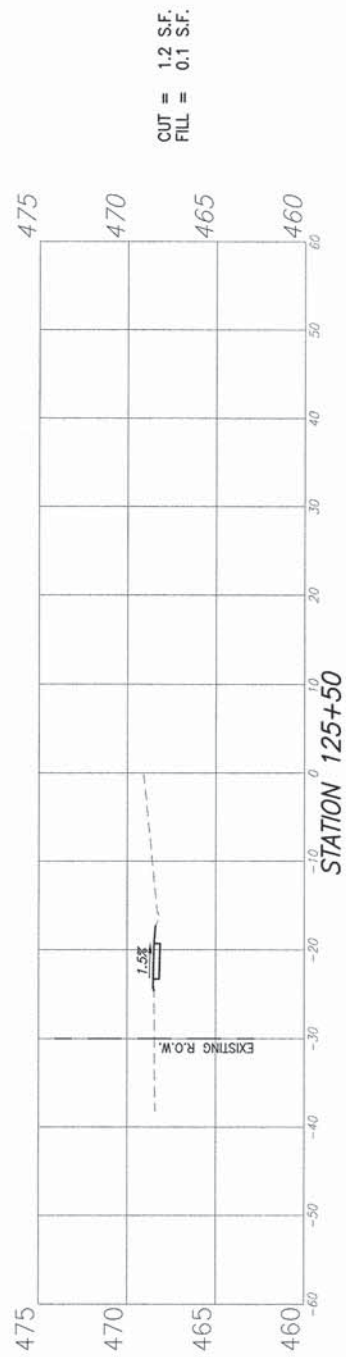
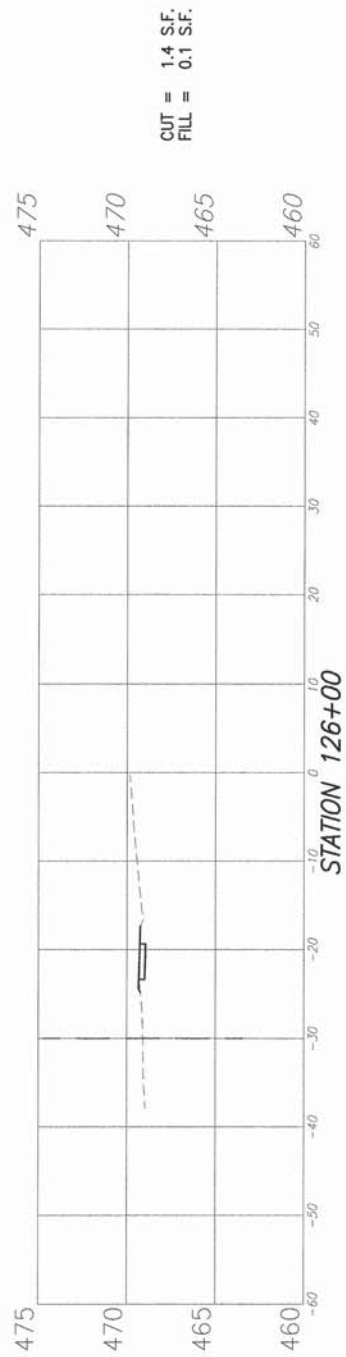
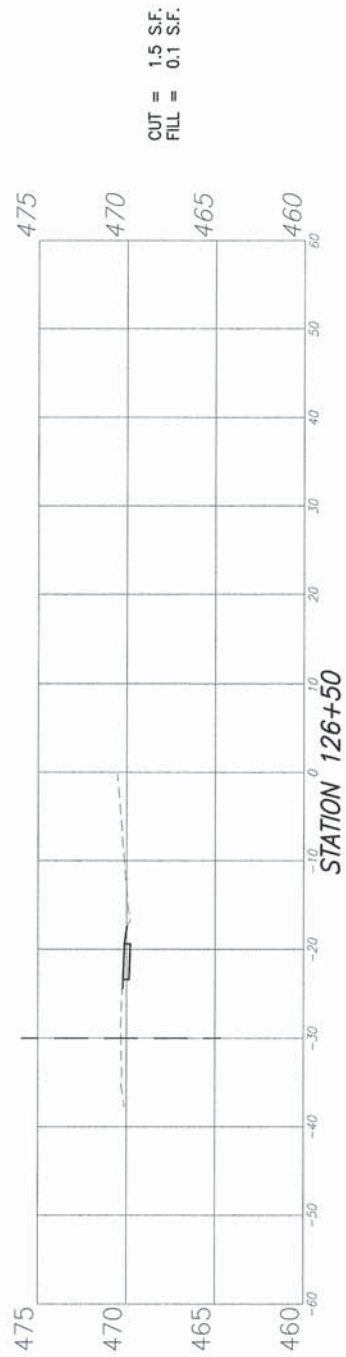
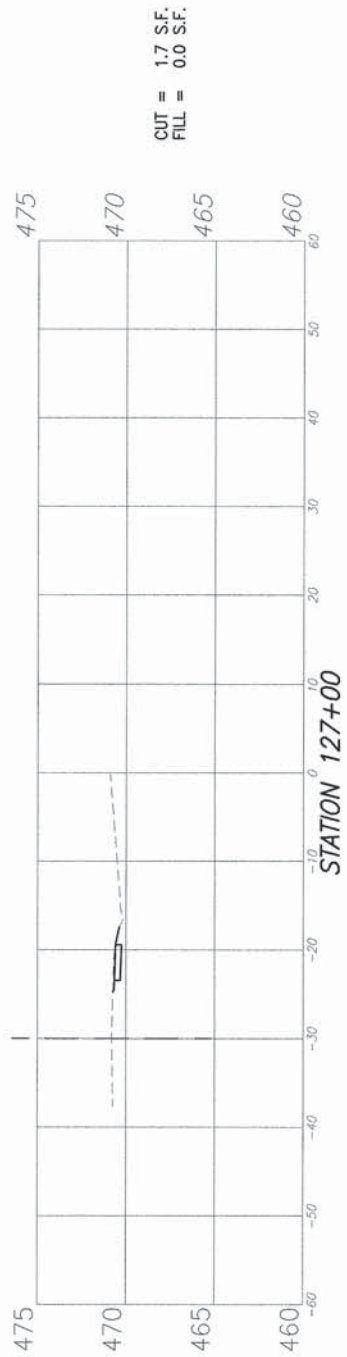
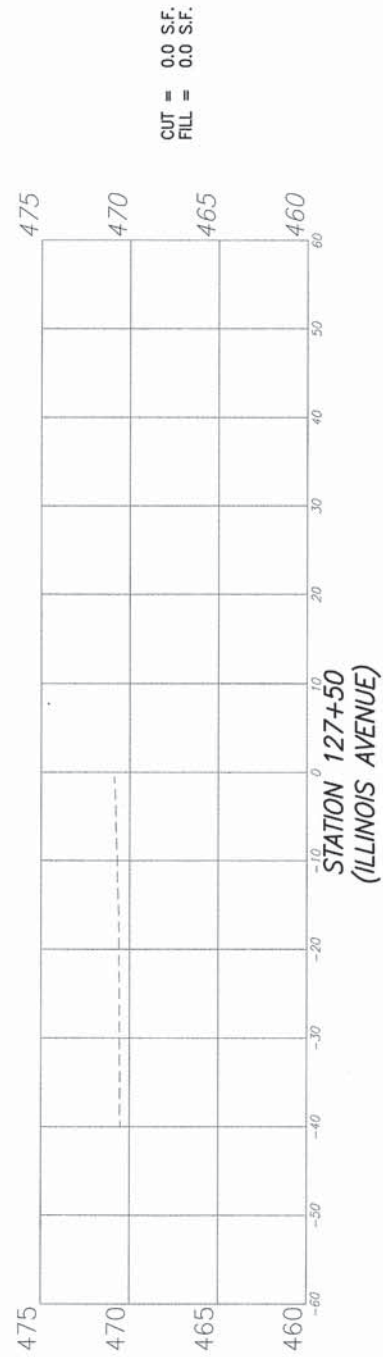
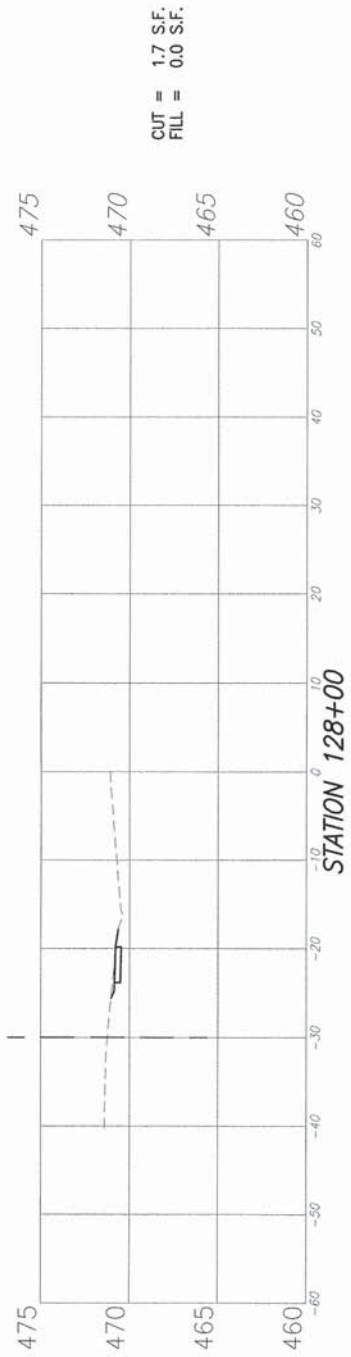
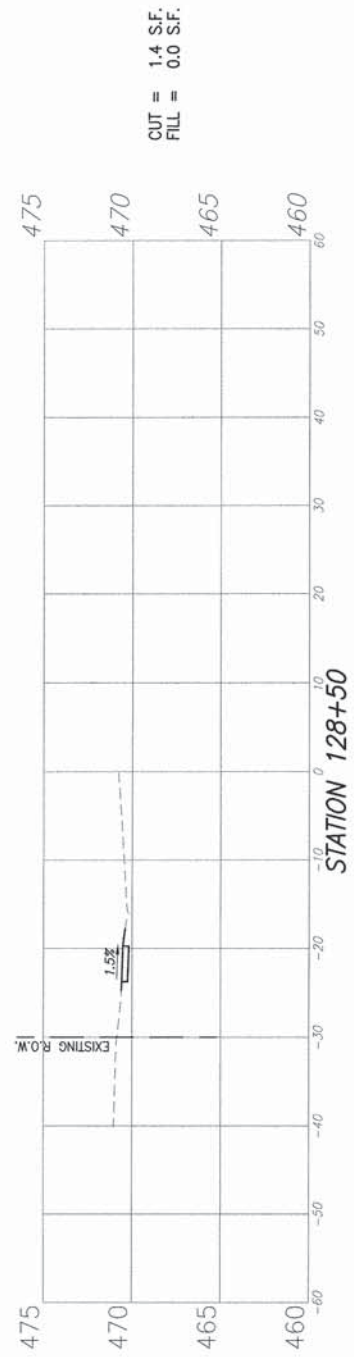
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	23
FEDERAL AID PROJECT		CONTRACT 97626		



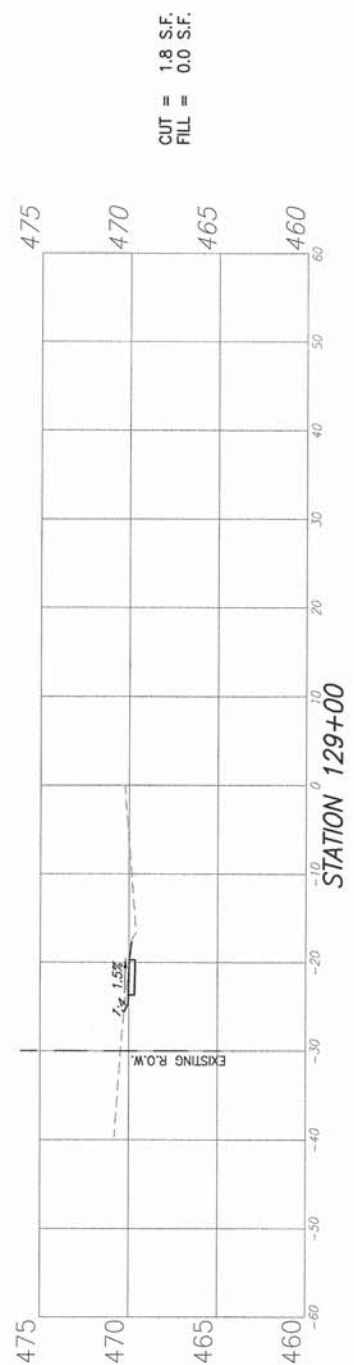
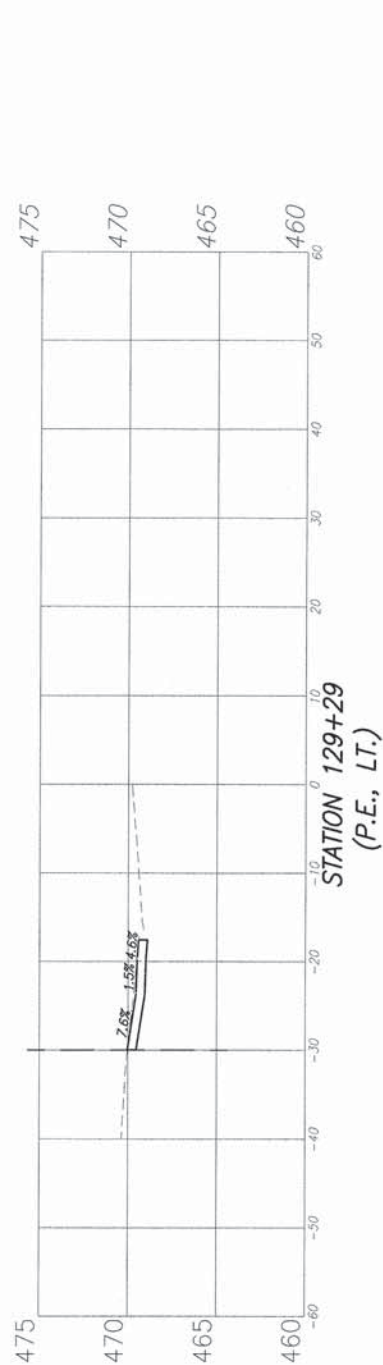
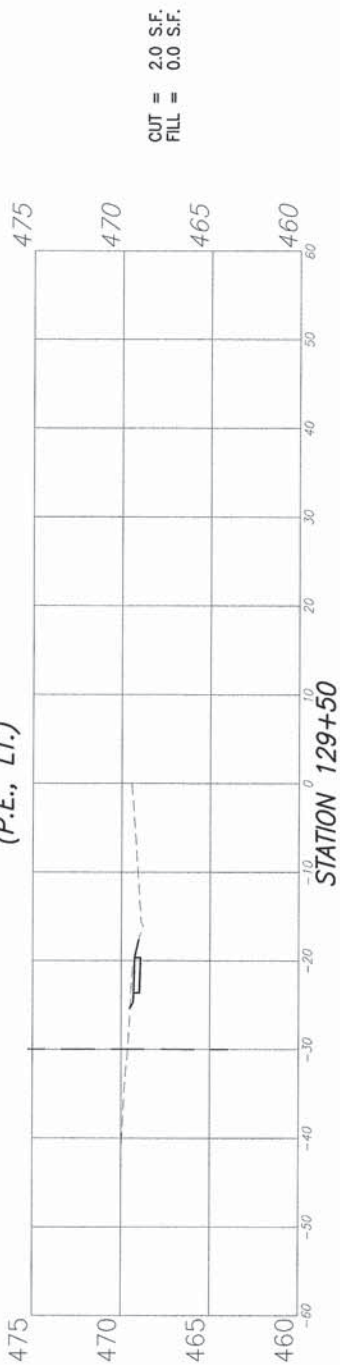
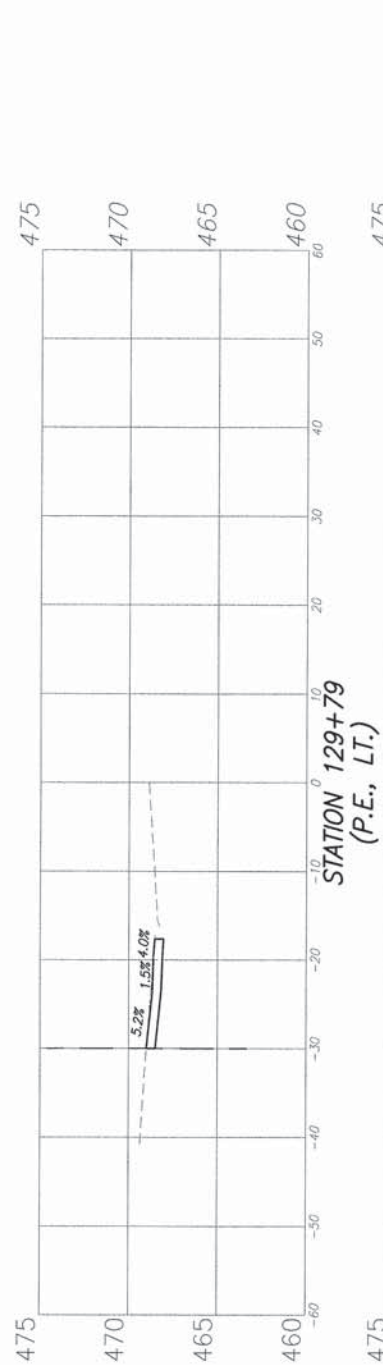
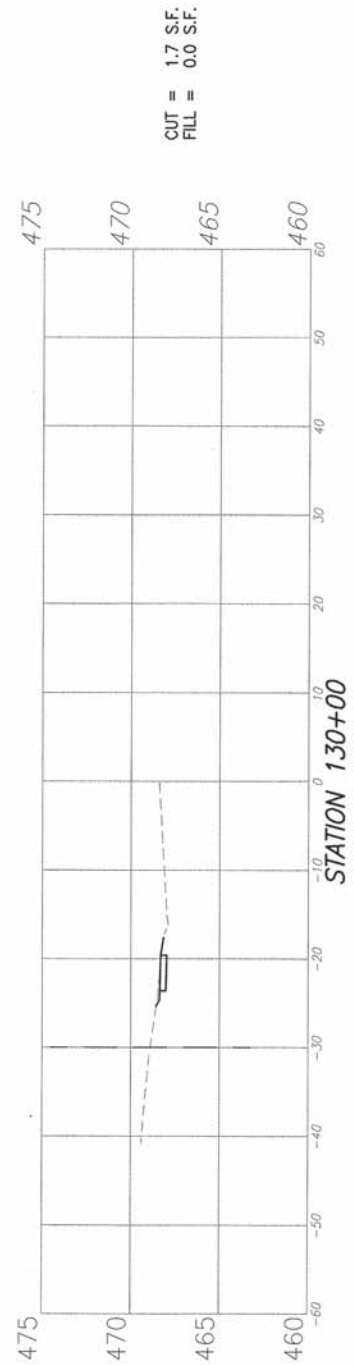
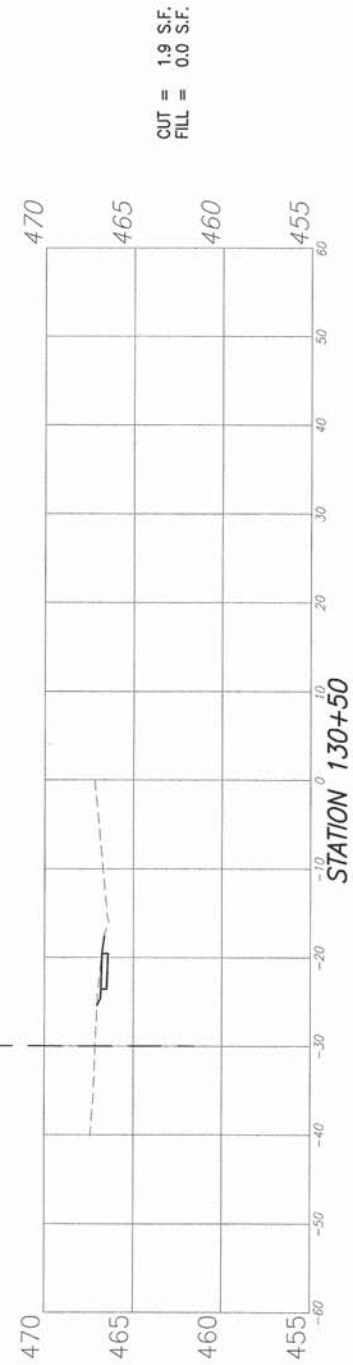
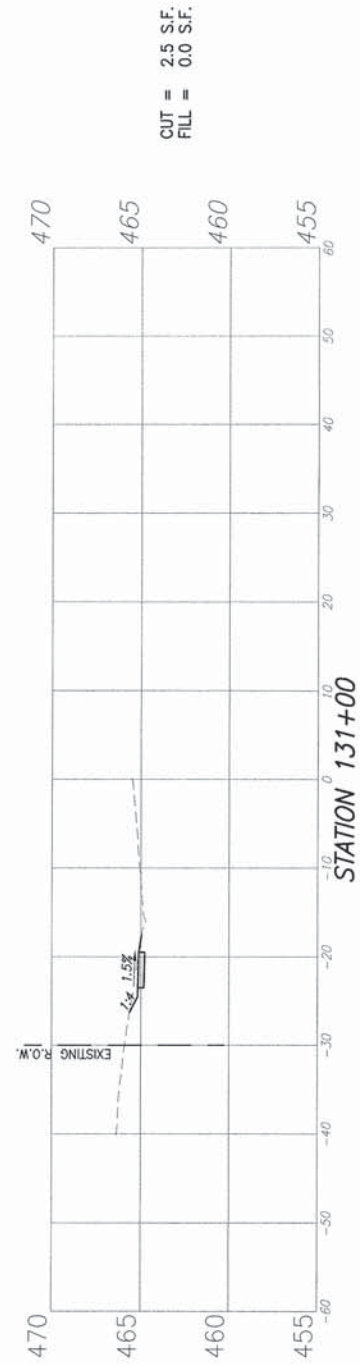
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	24
FEDERAL AID PROJECT			CONTRACT 97626	



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	25
FEDERAL AID PROJECT		CONTRACT 97626		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	26
FEDERAL AID PROJECT		CONTRACT 97626		

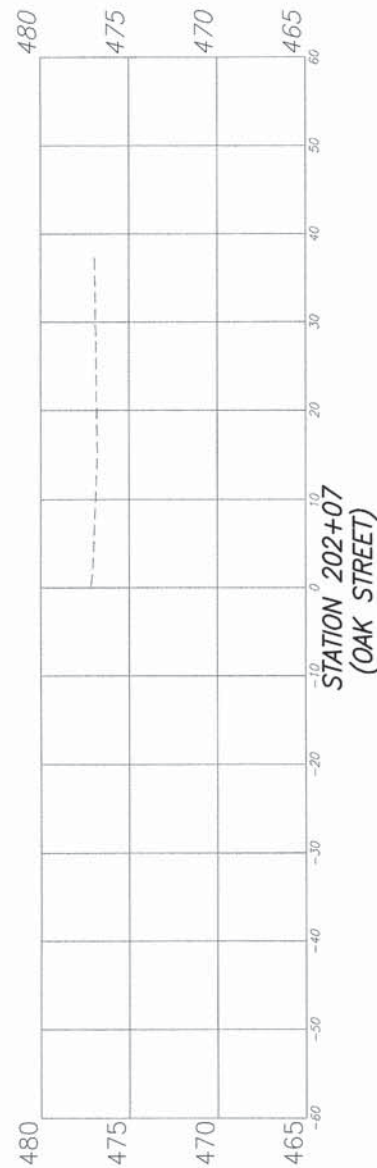


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	27
FEDERAL AID PROJECT		CONTRACT 97626		

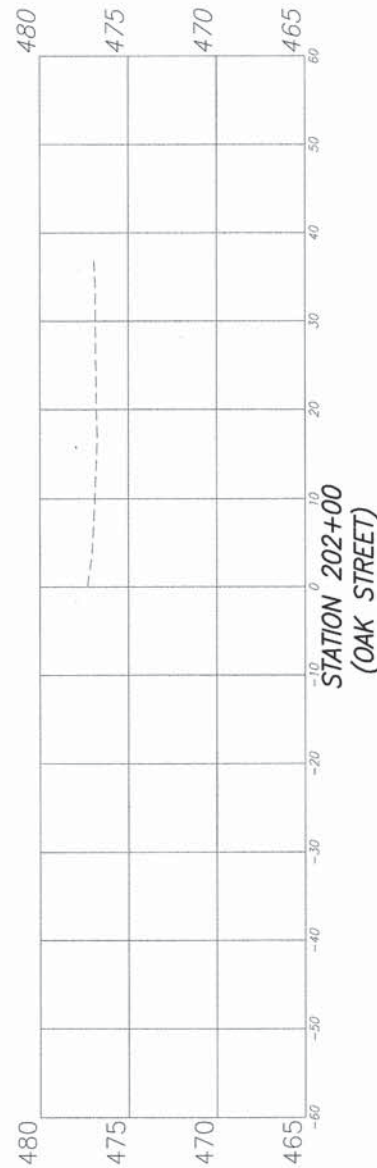
CUT = 2.5 S.F.
FILL = 0.0 S.F.



CUT = 0.0 S.F.
FILL = 0.0 S.F.



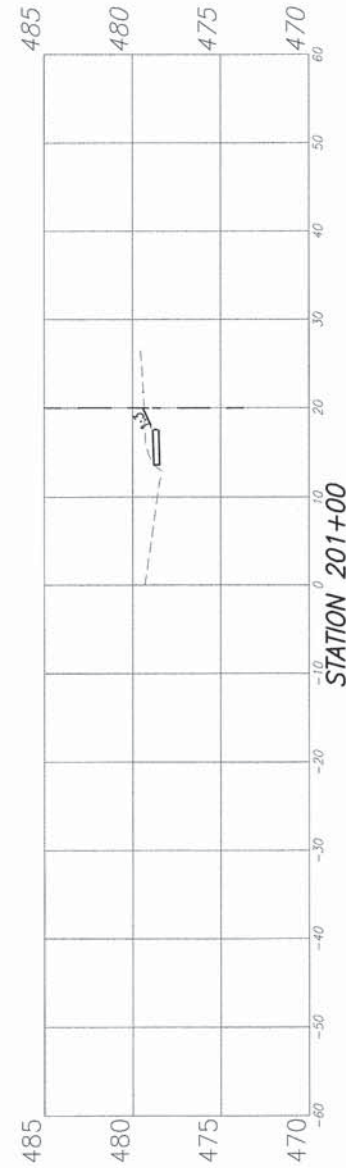
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FILL = 0.0 S.F.



CUT = 3.0 S.F.
FILL = 0.0 S.F.



CUT = 3.0 S.F.
FILL = 0.0 S.F.



CUT = 3.0 S.F.
FILL = 0.0 S.F.



CUT = 3.0 S.F.
FILL = 0.0 S.F.



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
N/A	15-00070-00-SW	RANDOLPH	28	28
FEDERAL AID PROJECT		CONTRACT 97626		

