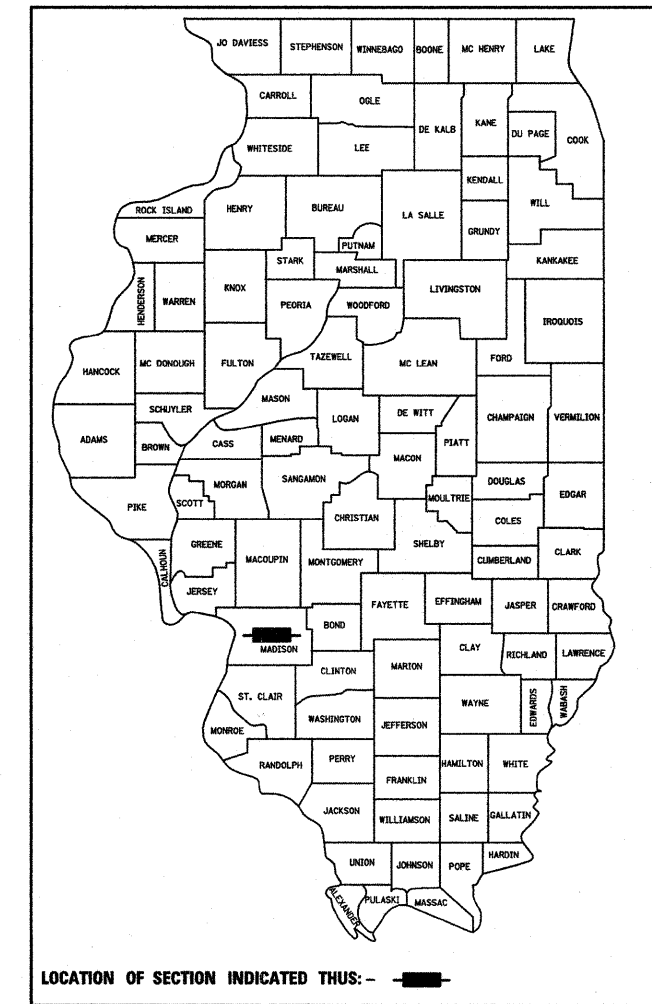


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8878	06-00097-00-PV	MADISON	16	1
CITY OF EDWARDSVILLE		ILLINOIS	CONTRACT NO. 97333	
FEDERAL AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED
CITY OF EDWARDSVILLE
E. SCHWARZ STREET (FAU 8878)
INTERSECTION IMPROVEMENTS**

**SECTION: 06-00097-00-PV
PROJECT: CMM-5011 (228)
JOB NO.: C-98-316-07
MADISON COUNTY**

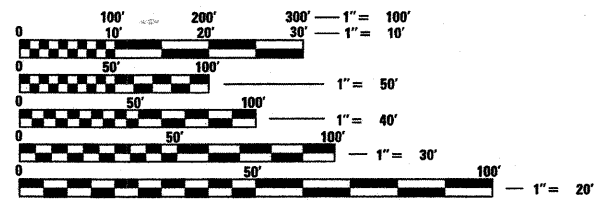


INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULE OF QUANTITIES
6	PLAN AND PROFILE
7	TRAFFIC CONTROL AND PROTECTION
8-9	INTERSECTION DETAILS
10	PAVEMENT MARKINGS
11-13	TRAFFIC SIGNAL PLANS
14	DETAILS
15-16	CROSS SECTIONS

STANDARDS

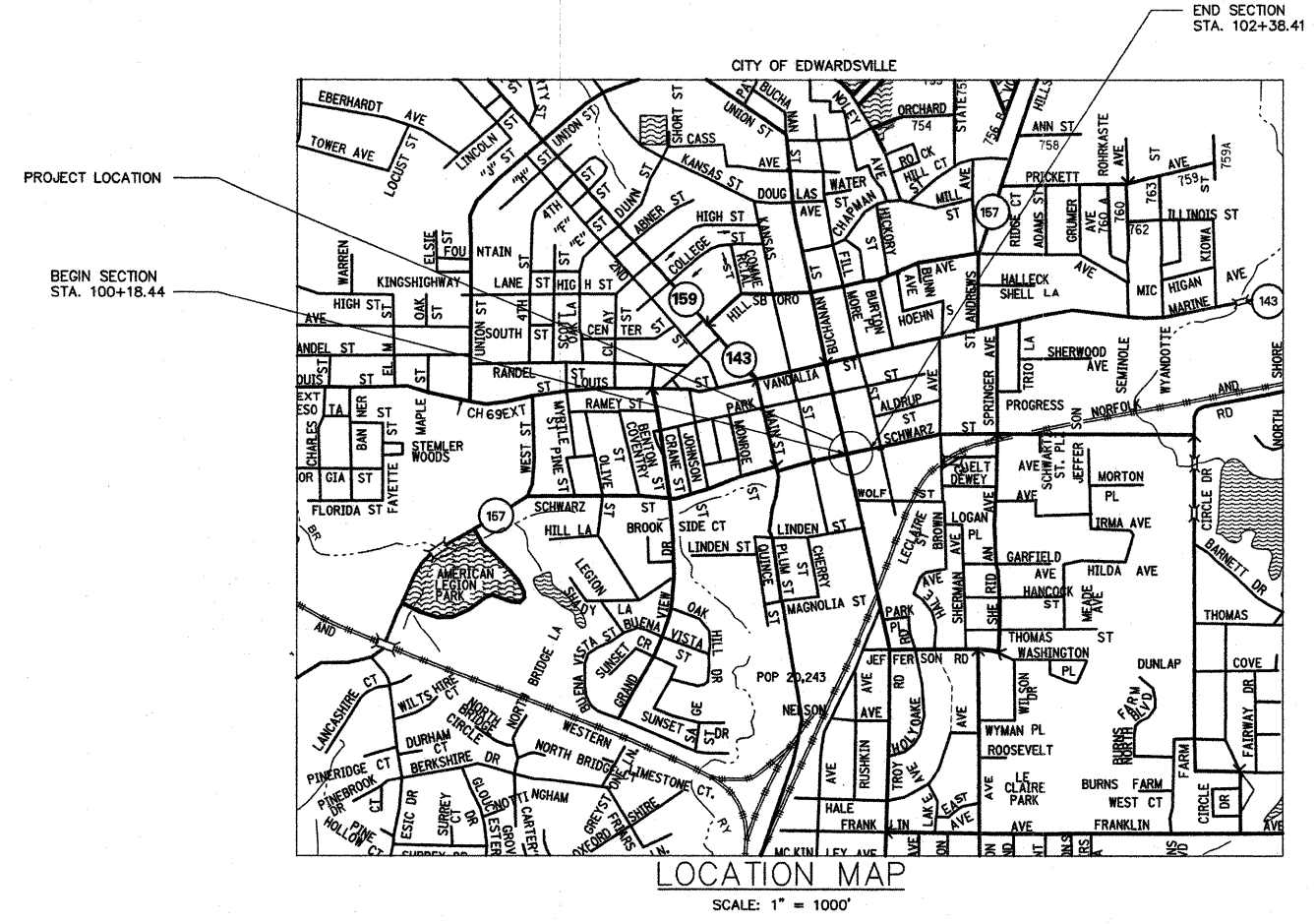
000001-05	720006-01
424001-05	780001-01
442201-03	814001-01
604006-03	857001
604066-01	878001-06
606001-03	880006
701701-05	886001
701801-03	886006
701901	BLR 18-4
720001	BLR 21-7



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
OR 811

ROADWAY CLASSIFICATION: URBAN COLLECTOR
ADT: 4,800 (2008)
ADT: 6,400 (2028)



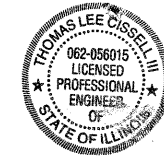
NET LENGTH OF PROJECT: 219.97' (0.042 MILES)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

APPROVED FEBRUARY 25 2008 *[Signature]*
GARY NIEBUR, MAYOR

PASSED 2/28 2008 *[Signature]*
DISTRICT 8 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 2/28 2008 *[Signature]*
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER



EXPIRES 11/30/09
DATE: 02/26/08
THOMAS L. CISSSELL, III, PE
PE NO 062-056015



GENERAL NOTES

- 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.
- 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.

AT & T (TELEPHONE)
203 GOETHE STREET
COLLINSVILLE, IL 62234
(618) 346-6400

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

CITY OF EDWARDSVILLE (WATER, SEWER & TRAFFIC SIGNALS)
118 HILLSBORO AVENUE
EDWARDSVILLE, IL 62025
(618) 692-7535

AMEREN IP (GAS & ELECTRIC)
2600 NORTH CENTER
MARYVILLE, IL 62062
(618) 346-1287
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER. FOUR-INCH DIAMETER PVC SLEEVES SHALL BE PLACED AT ALL LOCATIONS WHERE SIGN POSTS WILL BE INSTALLED WITHIN THE LIMITS OF THE SIDEWALK. THE VOID SPACE BETWEEN THE POST AND THE SLEEVE SHALL BE FILLED WITH COLD MIX ASPHALT PATCHING MATERIAL. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE VARIOUS CONCRETE ITEMS FOR WHICH THE BLOCKOUTS ARE REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO TO ALLEYS EAST OF JACK-IN-THE-BOX AND SWING CITY MUSIC AT ALL TIMES DURING CONSTRUCTION, EXCEPT AS SPECIFIED IN THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE RIGHT OF WAY LINES, SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- WHEN THE MILLING OPERATION COMMENCES, "ROUGH GROOVED SURFACE" (W8-1106-(0)-48) SIGNS SHALL BE PLACED BY THE CONTRACTOR AT EACH END OF THE SECTION, AND EACH INTERSECTING SIDE ROAD. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE HOT MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURES ARE PLACED.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR EARTH EXCAVATION.
- 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.
- THE CONTRACTOR SHALL APPLY TEMPORARY PAVEMENT MARKINGS TO THE FINAL ASPHALT SURFACE LAYER. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING TIMES THE NUMBER OF REQUIRED APPLICATIONS (1) HAS BEEN INCLUDED IN THE PLANS.
- THE CONTRACTOR SHALL PLACE ALL TEMPORARY PAVEMENT MARKINGS IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- 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.
- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" 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.

AGGREGATE FOR TEMPORARY ACCESS	16	TON
LOCATING UNDERGROUND CABLE	100	FT
SEEDING SPECIAL	100	SQ YD
PAVEMENT PATCHING (FULL DEPTH)	50	SQ YD

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

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DND	DO NOT DISTURB
ESMT	EASEMENT
ELEV	ELEVATION
PERM	PERMANENT
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBRL	TO BE RELOCATED
TYP	TYPICAL

Summary of Commitments to Adjacent Property Owners

Parcel No.	Owner	Commitment
14-2-15-11-16-401-008	Risavy, Arthur F.	If the building or owner's property is damaged during construction, and the damage is a result of the contractor's operations, the contractor shall restore the property to its original condition at no cost to the owner.

SUMMARY OF QUANTITIES

I000-2A

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20200500	EARTH EXCAVATION (WIDENING)	CU YD	35
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	104
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	72
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	82
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	16
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	59
40600300	AGGREGATE (PRIME COAT)	TON	2
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	86
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	12
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,729
42400440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	350
42400800	DETECTABLE WARNINGS	SQ FT	52
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	698
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	77
44000300	CURB REMOVAL	FOOT	398
44000600	SIDEWALK REMOVAL	SQ FT	2,000
44212899	PAVEMENT PATCHING (FULL DEPTH)	SQ YD	50
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	444
56109210	WATER VALVES TO BE ADJUSTED	EACH	4
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60263100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1
60264100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 15 FRAME AND LID	EACH	1
60500060	REMOVING INLETS	EACH	1
60600605	CONCRETE CURB, TYPE B	FOOT	442
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	534
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	178
72000100	SIGN PANEL - TYPE 1	SQ FT	10

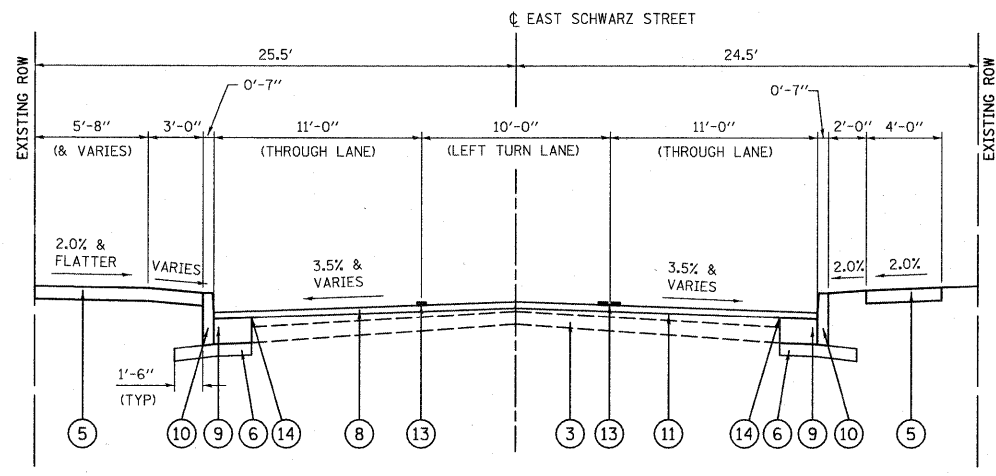
I000-2A

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	2
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	530
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	73
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	21
* 78000850	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	59
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	47
* 81400115	HANDHOLE TO BE ADJUSTED	EACH	1
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	47
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,030
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,086
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,157
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	690
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	846
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
* 87900200	DRILL EXISTING HANDHOLE	EACH	1
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	2
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	2
* 88600100	DETECTOR LOOP, TYPE I	FOOT	374
* 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,809
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
XX000648	SEEDING, SPECIAL	SQ YD	100
XX005431	LOCATING UNDERGROUND UTILITY	EACH	100
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

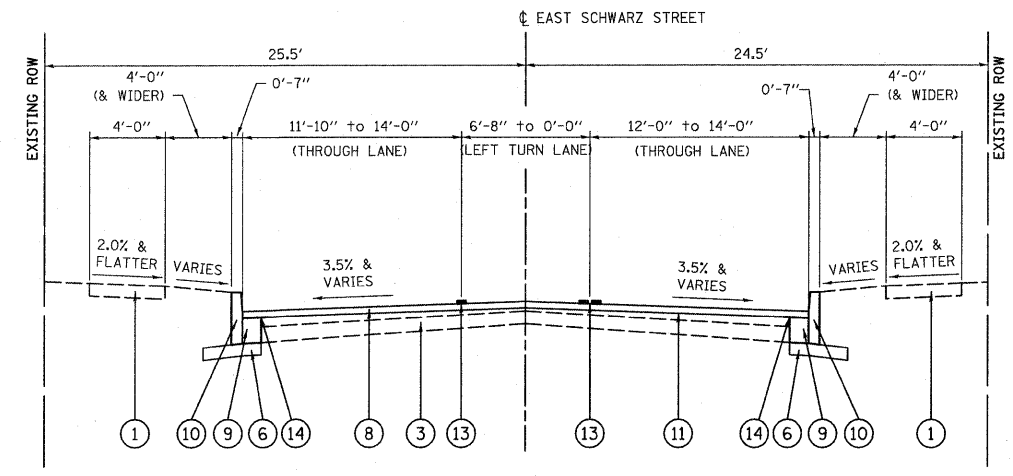
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* Y031-IF

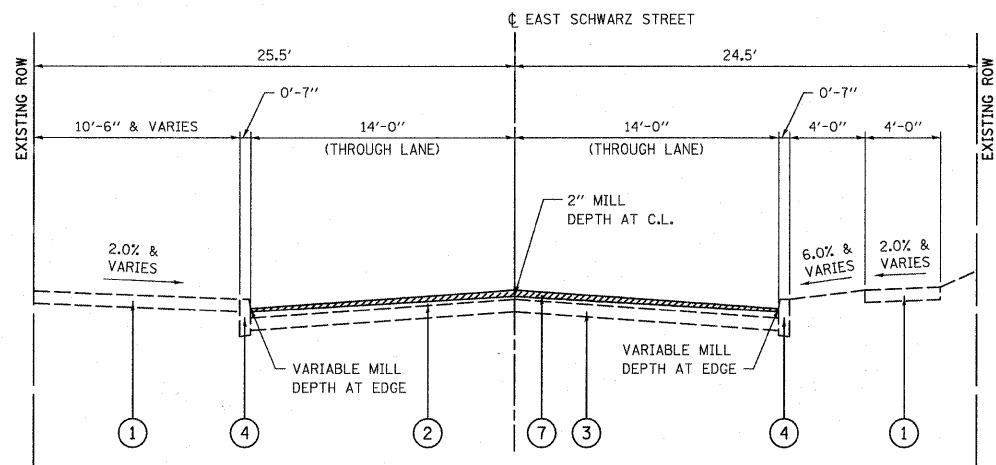
* SPECIALTY ITEMS



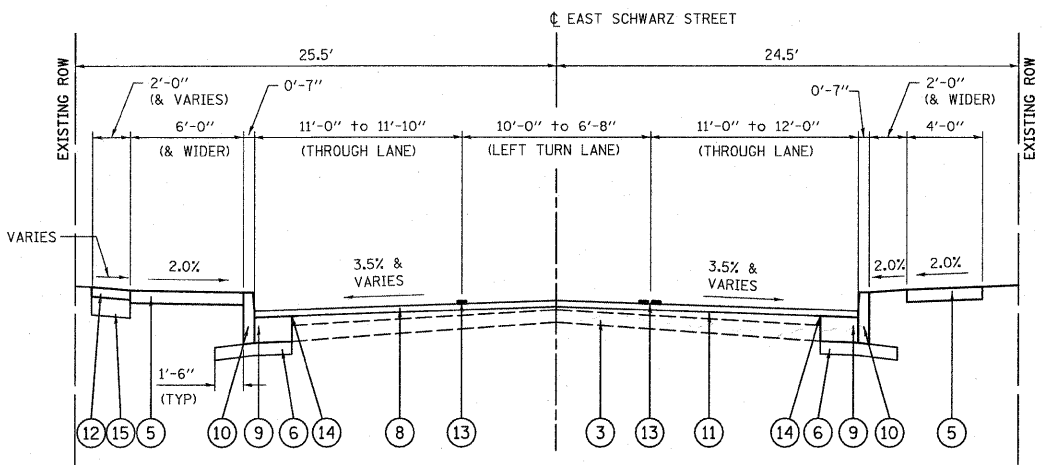
PROPOSED EAST SCHWARZ STREET
 STA. 100+18.44 to STA. 101+22.47
 (NOT TO SCALE)



PROPOSED EAST SCHWARZ STREET
 STA. 101+88.21 to STA. 102+38.41
 (NOT TO SCALE)



EXISTING EAST SCHWARZ STREET MILLED
 STA. 100+18.44 to STA. 102+38.41
 (NOT TO SCALE)

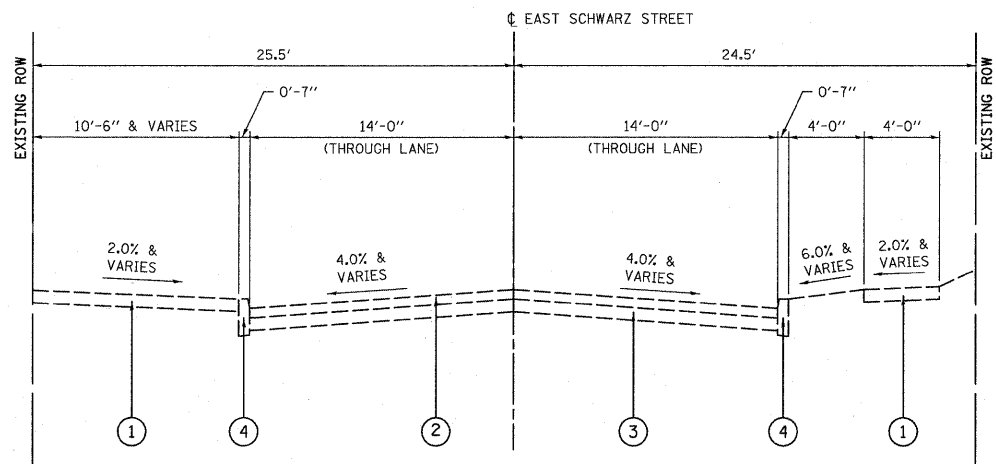


PROPOSED EAST SCHWARZ STREET
 STA. 101+63.41 to STA. 101+88.21
 (NOT TO SCALE)

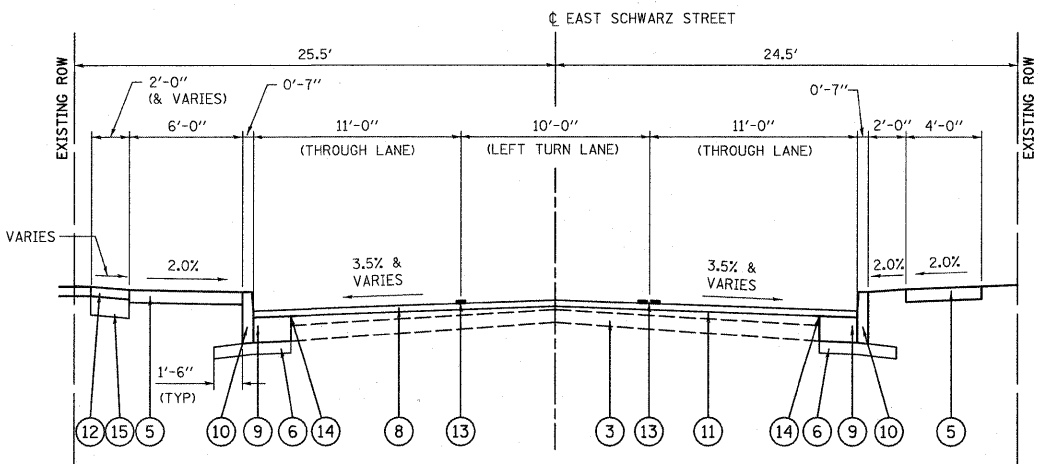
ASPHALT MIXTURE REQUIREMENTS	
20 YR ESAL'S:	
MIXTURE USE	SURFACE COURSE
AC/PG	PG 70-22
RAP% (MAX)	10%
DESIGN AIR VOIDS	4% @ NDES = 70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5
FRICION AGG	MIXTURE C

LEGEND

- ① EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- ② EXISTING HOT-MIX ASPHALT OVERLAY, VARIABLE DEPTH
- ③ EXISTING ASPHALT AND BRICK ROADWAY
- ④ EXISTING CONCRETE BARRIER CURB
- ⑤ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑥ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4 INCH
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2 INCH, MIX C, N70
- ⑨ PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10 INCH CONTRACTOR SHALL CONSTRUCT MONOLITHICALLY WITH THE CONCRETE CURB, ACCORDING TO ARTICLE 606.07.
- ⑩ PROPOSED CONCRETE CURB, TYPE B-6
- ⑪ PROPOSED BITUMINOUS MATERIALS (PRIME AND AGGREGATE COAT)
- ⑫ PROPOSED INCIDENTAL HOT-MIX ASPHALT, 3 INCH
- ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4 INCH
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑮ PROPOSED AGGREGATE BASE COURSE, TYPE A 6"



EXISTING EAST SCHWARZ STREET
 STA. 100+18.44 to STA. 102+38.41
 (NOT TO SCALE)



PROPOSED EAST SCHWARZ STREET
 STA. 101+22.47 to STA. 101+63.41
 (NOT TO SCALE)

PAVEMENT SCHEDULE

STATION	STATION	OFFSET	SUB GRAN MAT A 4	PCC BASE CSE W 10	BIT MATLS PR CT	AGG PR CT	HMA SC "C" N70	HMA SURF REM VAR DP	STRIP REF CR CON TR
			31100300 (SQ YD)	35400500 (SQ YD)	40600100 (GALLON)	40600300 (TON)	40603315 (TON)	44000198 (SQ YD)	44300200 (FOOT)
100+19.01	102+32.48	RT	59	49					227
100+18.49	102+26.82	LT	45	33					217
100+18.01	102+38.41				59	2	86	698	
TOTAL			104	82	59	2	86	698	444

PAVEMENT NOTES:

- HMA SURFACE COURSE "C" N70 QUANTITY IS CALCULATED AT A RATE OF 112 LB / SQ YD/INCH.

SIDEWALK SCHEDULE

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1)	DETECTABLE WARNINGS (NOTE 2)	PCC CONC SIDEWALK 6 SP	SIDEWALK REM
			42400100 (SQ FT)	42400800 (SQ FT)	42400440 (SQ FT)	44000600 (SQ FT)
100+19.04	101+78.61	LT	1,221	16	89	1,295
100+19.60	101+78.66	RT	508	20	200	655
101+97.17	102+01.56	RT		8	22	22
102+01.75	102+08.75	LT		8	39	28
TOTAL			1,729	52	350	2,000

SIDEWALK NOTES:

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED, AND SHALL BE PAID FOR AS PCC CONCRETE SIDEWALK, 6" SPECIAL CURB FOR SIDEWALK RAMPS SHALL BE INCLUDED IN THIS QUANTITY. SEE HIGHWAY STANDARD 424001 FOR SIDEWALK RAMP DETAILS.
- DETECTABLE WARNING MATERIAL SHALL BE RED, PRECAST CONCRETE WITH TRUNCATED DOMES.

CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	CURB REM	CONC CURB TB
			44000300 (FOOT)	60600605 (FOOT)
E. SCHWARZ STREET				
100+18.32	101+79.19	LT	155	177
100+19.01	101+79.16	RT	167	174
101+97.31	102+38.41	RT	39	47
102+02.11	102+38.41	LT	37	44
TOTAL			398	442

CURB AND GUTTER NOTES:

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

ENTRANCE SCHEDULE

STATION	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1)	ENTRANCE DEPTH "D"	EXISTING SURFACE TYPE	AGG BASE CSE A 6	AGG TEMP ACCESS	INCIDENTAL HMA SURF (NOTE 2)	DRIVEWAY PAVEMENT REM (NOTE 3)
(NOTE 1)			(FOOT)	(FOOT)		35100500 (SQ YD)	40201000 (TON)	40800050 (TON)	44000200 (SQ YD)
101+26.27	LT	C.E.	15.3	10.3	ASPHALT	11			11
101+22.47	101+79.19	LT	PARKING LOT	56.7	2	13		3	11
101+88.21	LT	ALLEY	24.1	10.9	ASPHALT	26	9	5	30
101+88.21	RT	ALLEY	21.8	11.7	ASPHALT	22	7	4	25
TOTAL						72	16	12	77

ENTRANCE NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES.
- INCIDENTAL HMA SURFACING QUANTITY IS CALCULATED AT A RATE OF 112 LB / SQ YD/INCH.
- DRIVEWAY PAVEMENT REMOVAL INCLUDES CURB REMOVAL FOR ENTRANCES AT STATION 101+26.77 LT AND STATION 101+88.21 RT AND LT.

PAVEMENT MARKING SCHEDULE

STATION	STATION	TEMP PVT MK LINE 4	WORK ZONE PVT MK REM	THPL PVT MK LTRS & SYMB (NOTE 1)	THPL PVT MK LINE 4 (NOTE 1)	THPL PVT MK LINE 6 (NOTE 1)	THPL PVT MK LINE 12 (NOTE 1)	THPL PVT MK LINE 24 (NOTE 1)
		70300220 (FOOT)	70301000 (SQ FT)	78000100 (SQ FT)	78000200 (FOOT)	78000400 (FOOT)	78000600 (FOOT)	78000650 (FOOT)
100+18.45	100+26.95					73		59
100+31.70	102+38.41	534	178	47	530		21	
TOTAL		534	178	47	530	73	21	59

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

EARTHWORK SCHEDULE

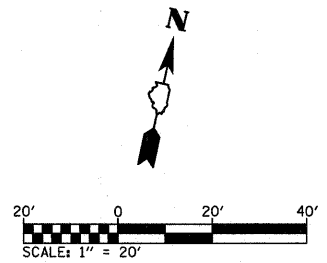
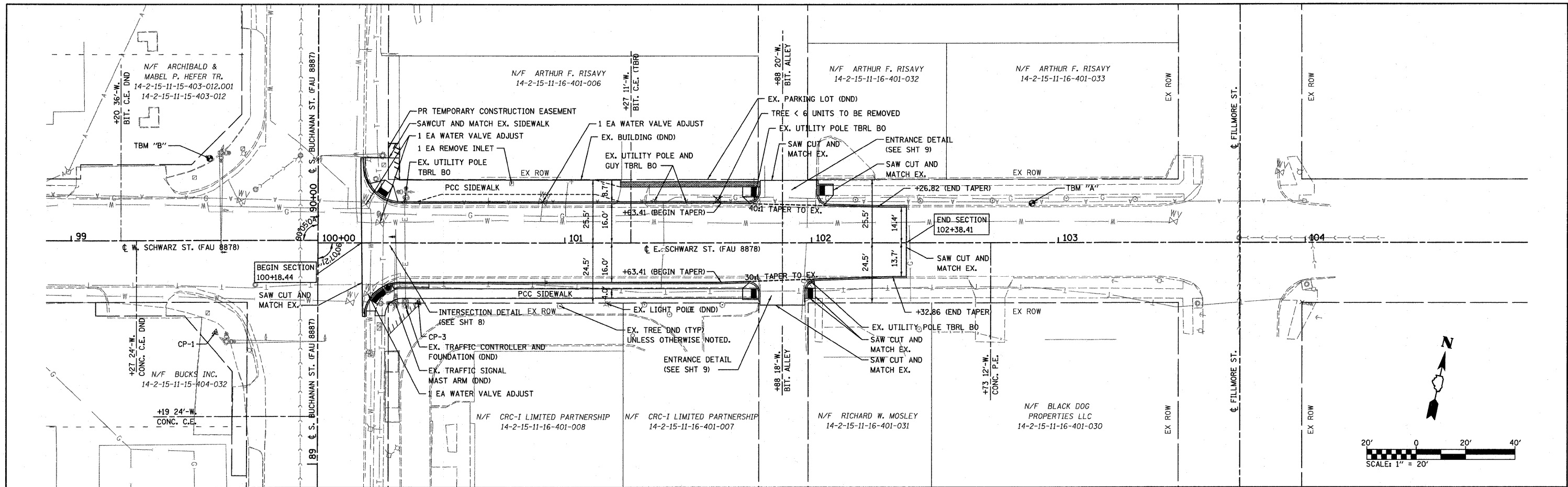
STATION	STATION	OFFSET	EARTH EXCAVATION (WIDENING) (NOTE 3)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 2)
			20200500 (CU YD)	(CU YD)	(CU YD)
100+19.01	102+38.41	RT	20	15	15
100+18.32	102+38.41	LT	15	12	12
TOTAL			35	27	27

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- 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 QUANTITY IS SHOWN FOR INFORMATION ONLY.
- ALL EARTH SURFACES SHALL BE COVERED WITH AT LEAST 4" OF CLEAN EARTH MATERIAL.

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	



TBM "A" - R.R. SPIKE IN POWER POLE ON E. SCHWARZ ELEV - 542.94	TBM "B" - CHISELED "X" ON BOLT OF FIRE HYDRANT ELEV - 542.98	CP-1 - P.K. NAIL N 780124.28, E 2357619.29 ELEV - 540.89	CP-2 - P.K. NAIL (NOT SHOWN) N 779547.84, E 2357810.04 ELEV - 542.28							
550			550							
545		SEE INTERSECTION DETAILS ON SHEET 9 FOR PROPOSED ELEVATIONS	545							
540			540							
535		EXISTING GROUND LINE	535							
530			530							
525			525							
520			520							
515			515							
539.83	540.31	540.57	541.08	541.38	541.51	541.65	541.86	542.04	542.18	542.11
99+00	99+50	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00













NOTES

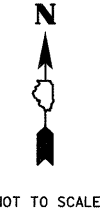
1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN IN ACCORDANCE WITH HIGHWAY STANDARDS.
2. TYPE A LOW INTENSITY FLASHING AND WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" X 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLOURESCENT ORANGE REFLECTORIZED BACKGROUND.
4. LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
5. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE A LOW INTENSITY FLASHING LIGHT MOUNTED ON TOP OF EACH BARRICADE.
6. ALL RESIDENTS/BUSINESSES FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
7. SEE HIGHWAY STANDARD 701701 FOR LEFT TURN LANE CLOSURE ON S. BUCHANAN STREET.
8. SEE HIGHWAY STANDARD 701801 FOR CROSSWALK OR SIDEWALK CLOSURES.

SEQUENCE OF CONSTRUCTION

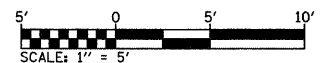
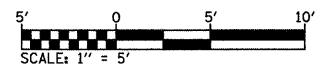
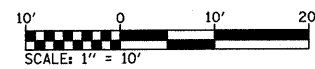
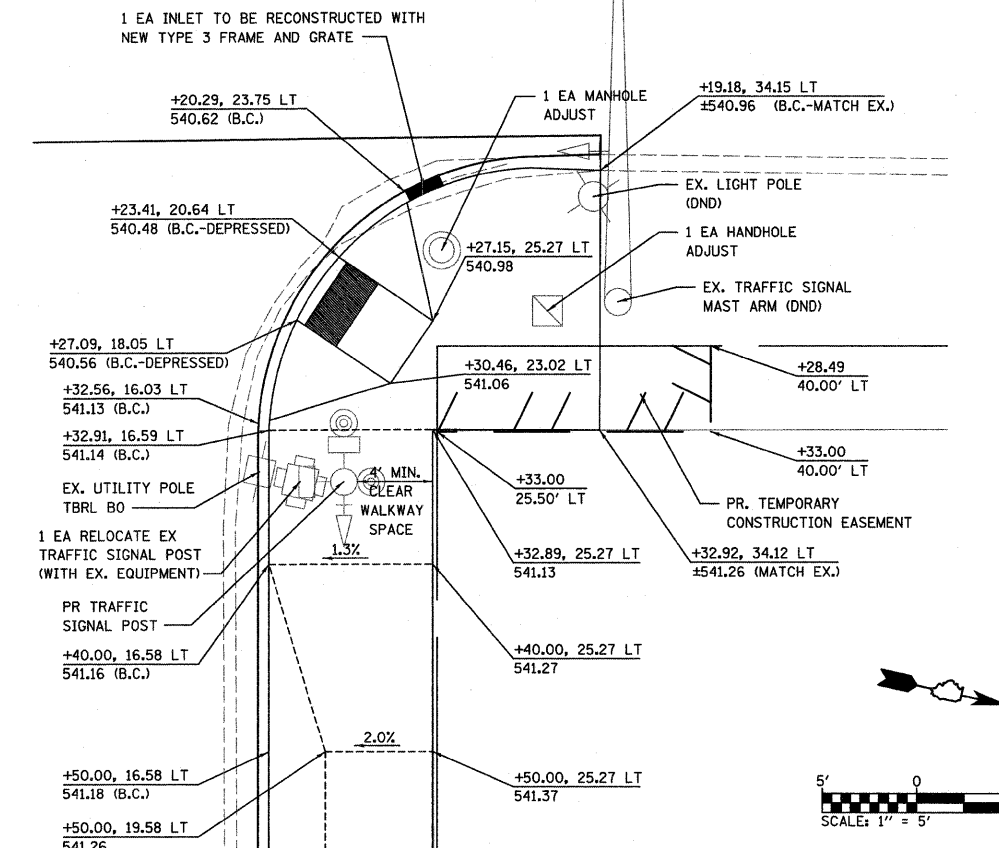
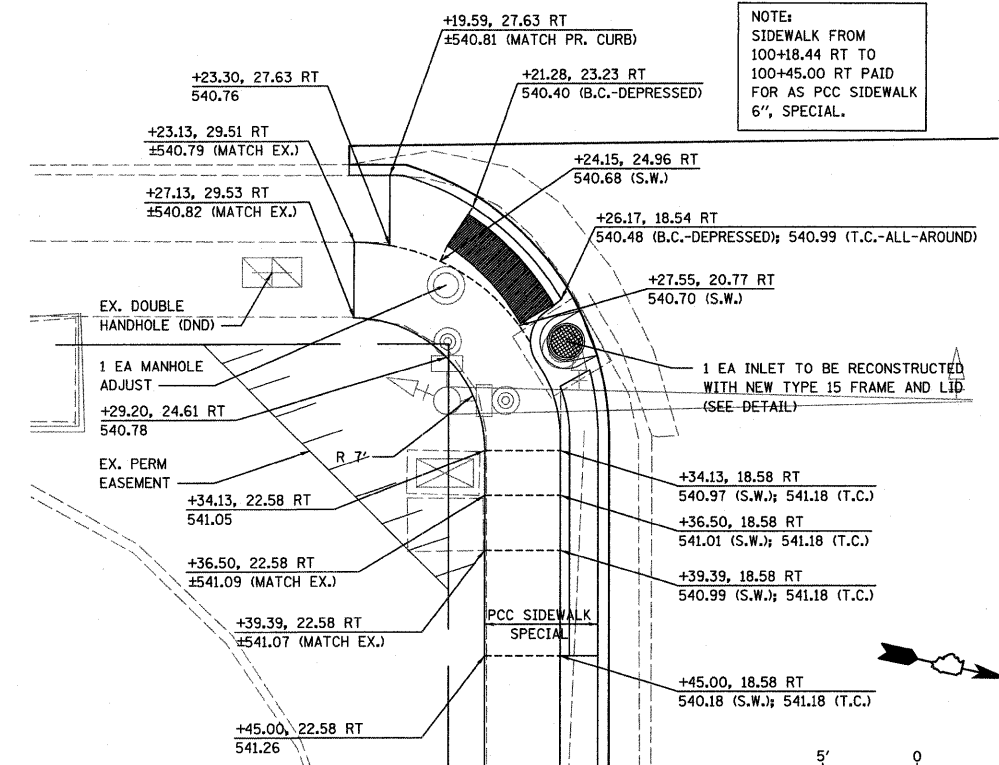
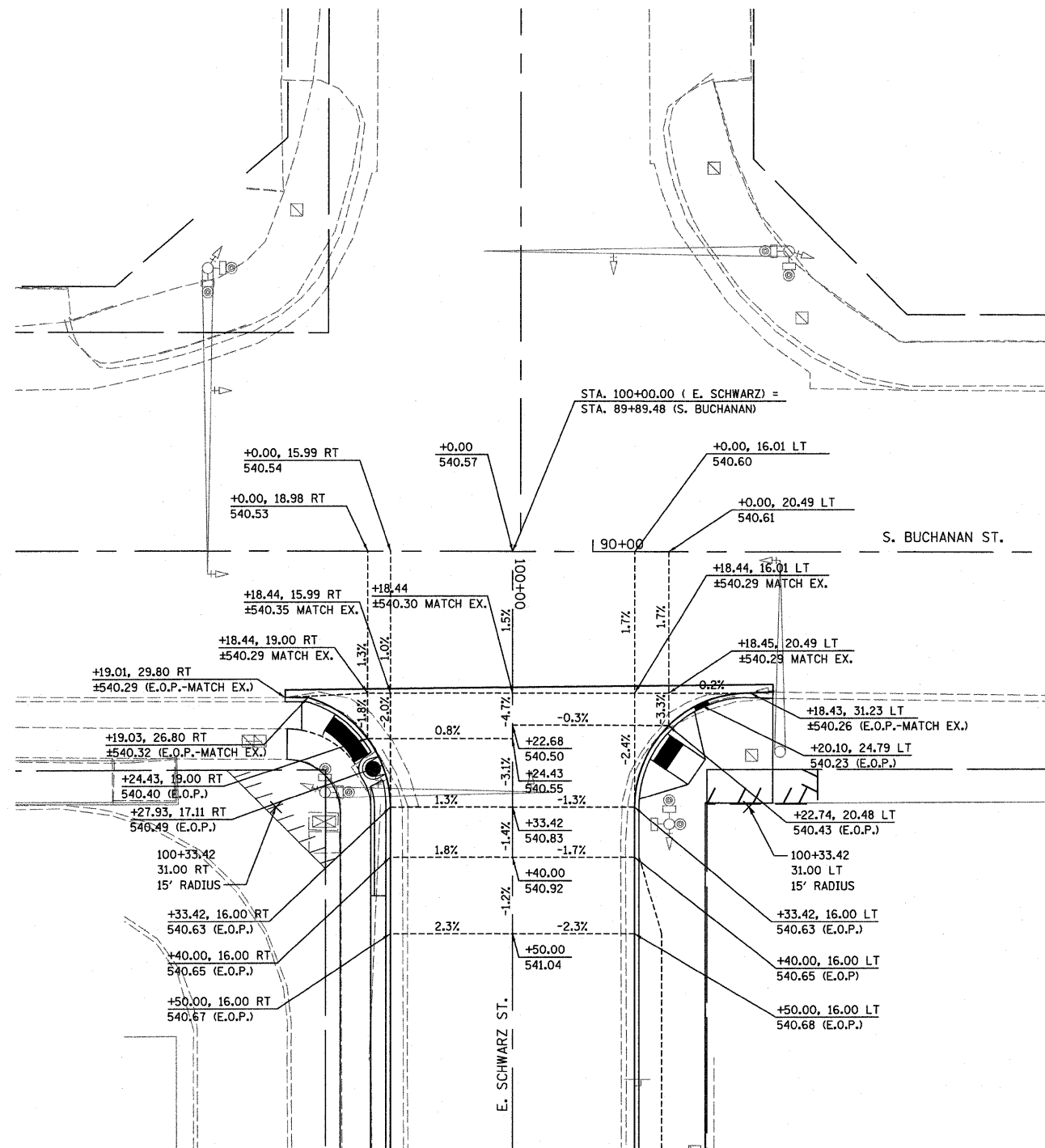
1. ERECT TRAFFIC CONTROL MEASURES
2. CLOSE E. SCHWARZ STREET FROM S. BUCHANAN STREET TO THE ALLEY EAST OF SWING CITY MUSIC / JACK-IN-THE-BOX, LEAVING THE ALLEY OPEN TO LOCAL TRAFFIC
3. PERFORM REMOVAL OPERATIONS, ROADSIDE RECONSTRUCTION, AND TRAFFIC SIGNAL WORK.
4. CLOSE THE ALLEY, MOVE BARRIER TO EASTERN PROJECT LIMITS FOR ONE CALENDAR DAY AND PERFORM PAVING OPERATIONS. NOTIFY ADJACENT BUSINESSES AT LEAST 48 HOURS PRIOR TO THIS WORK.
5. E. SCHWARZ STREET MAY BE OPENED TO THRU TRAFFIC UPON COMPLETION OF PAVING OPERATIONS.
6. PAVEMENT MARKINGS AND CLEAN-UP WORK MAY BE DONE UNDER TRAFFIC, USING PROPER TRAFFIC CONTROL MEASURES.

LEGEND

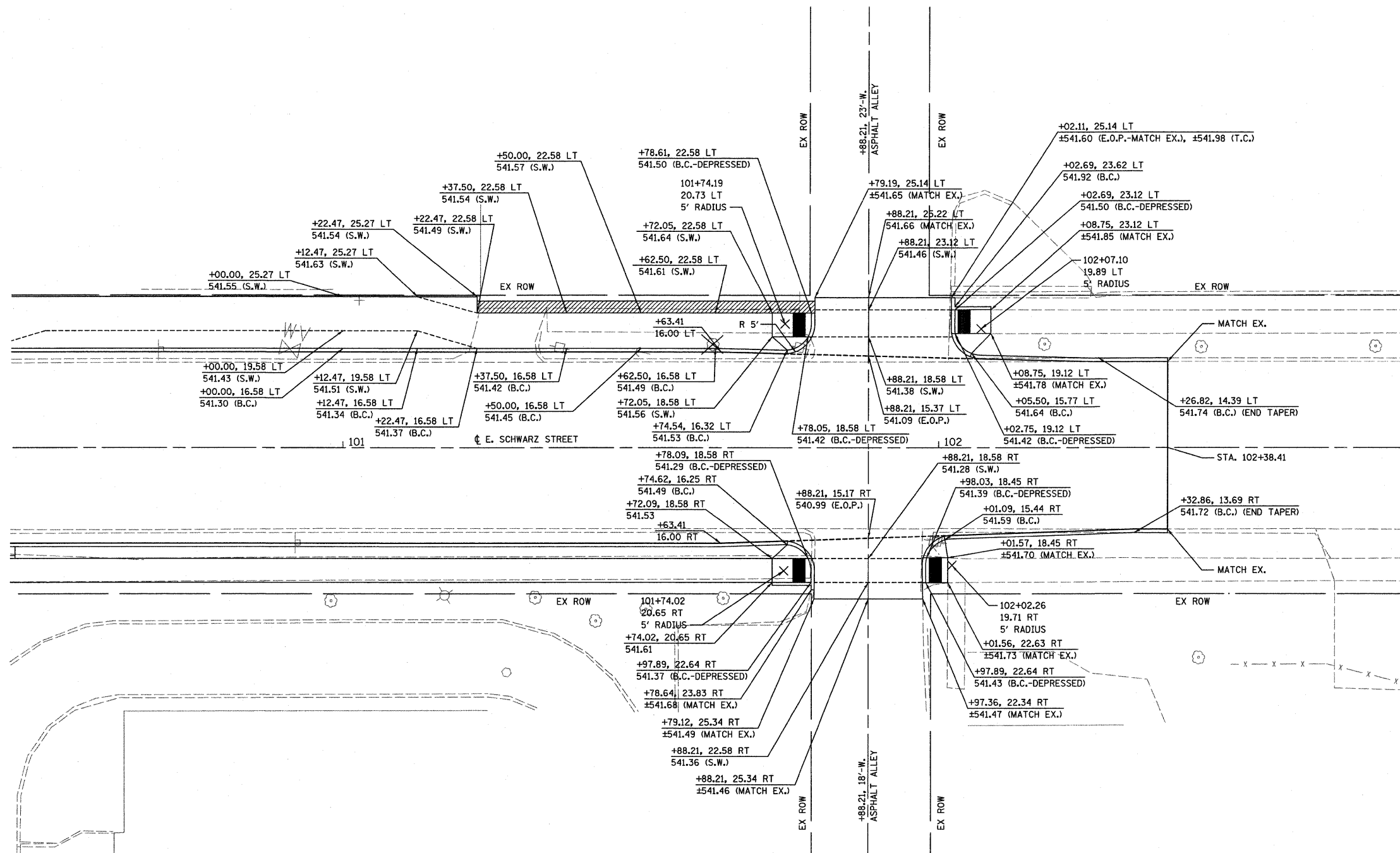
-  WORK AREA
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  TYPE III BARRICADES WITH FLASHING LIGHTS
-  ROAD CONSTRUCTION AHEAD W20-1(0)
-  ROAD CLOSED AHEAD W20-3(0)
-  LEFT TURN LANE CLOSED AHEAD W20-1103(0)
-  WORKERS W21-1a(0), AS NEEDED PER STANDARDS
-  24" X 24" 
-  24" X 24" 
-  TYPE III BARRICADES W/ R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC SIGNS AND TYPE A LOW INTENSITY FLASHING LIGHTS)



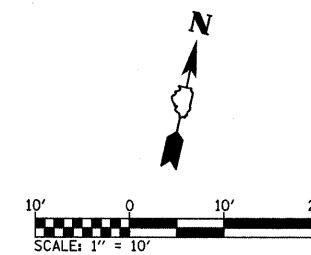
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H:\P\26050\Microstation V8\650\traffico	tr01plan.dgn	DRAWN - TGV	REVISED - ---			8878	06-00097-00-PV	MADISON	16	7	
PLOT SCALE = 20.0000' / IN.	CHECKED - AJG	REVISED - ---				E. SCHWARZ ST. INT. IMPROVEMENTS		CONTRACT NO. 97333			
PLOT DATE = 2/25/2008	DATE - 12/20/07	REVISED - ---				CITY OF EDWARDSVILLE ILLINOIS		FED. AID PROJECT CMM-5011 (228)			
				SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS							



FILE NAME = H:\P\26858\Microstation V8\650\dt01.DGN	USER NAME = #USER#	DESIGNED - TLC	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAILS		F.A.U. RTE. 8878	SECTION 06-00097-00-PV	COUNTY MADISON	TOTAL SHEETS 16	SHEET NO. 8
PLOT SCALE = 28.0000 "/> <td>DATE = 2/25/2008</td> <td>CHECKED - AJG</td> <td>REVISED - ---</td> <td>SCALE: _____</td> <td>SHEET NO. 1 OF 2 SHEETS</td> <td colspan="2">E. SCHWARZ ST. INT. IMPROVEMENTS</td> <td colspan="2">CONTRACT NO. 97333</td>	DATE = 2/25/2008	CHECKED - AJG	REVISED - ---		SCALE: _____	SHEET NO. 1 OF 2 SHEETS	E. SCHWARZ ST. INT. IMPROVEMENTS		CONTRACT NO. 97333		
		DATE = 12/20/07	REVISED - ---				CITY OF EDWARDSVILLE (ILLINOIS)		FED. AID PROJECT CMM-5011 (228)		



SIDEWALK/ALLEY ELEVATIONS
SCALE: 1" = 10'



FILE NAME =
H:\P\26050\Microstation V8\650dt01.DGN

USER NAME = #USER#
PLOT SCALE = 20.0000' / IN.
PLOT DATE = 2/25/2008

DESIGNED - TLC
DRAWN - TGV
CHECKED - AJG
DATE - 12/20/07

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

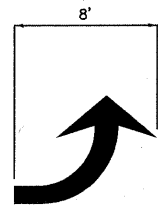
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

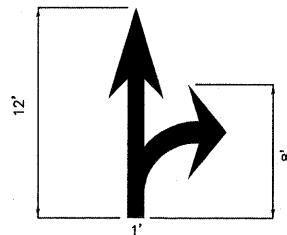
SCALE: 1"=10'

SHEET NO. 2 OF 2 SHEETS

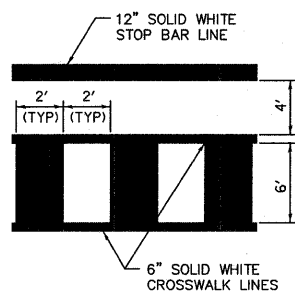
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8878	06-00097-00-PV	MADISON	16	9
E. SCHWARZ ST. INT. IMPROVEMENTS			CONTRACT NO. 97333	
CITY OF EDWARDSVILLE ILLINOIS			FED. AID PROJECT CMM-5011 (228)	



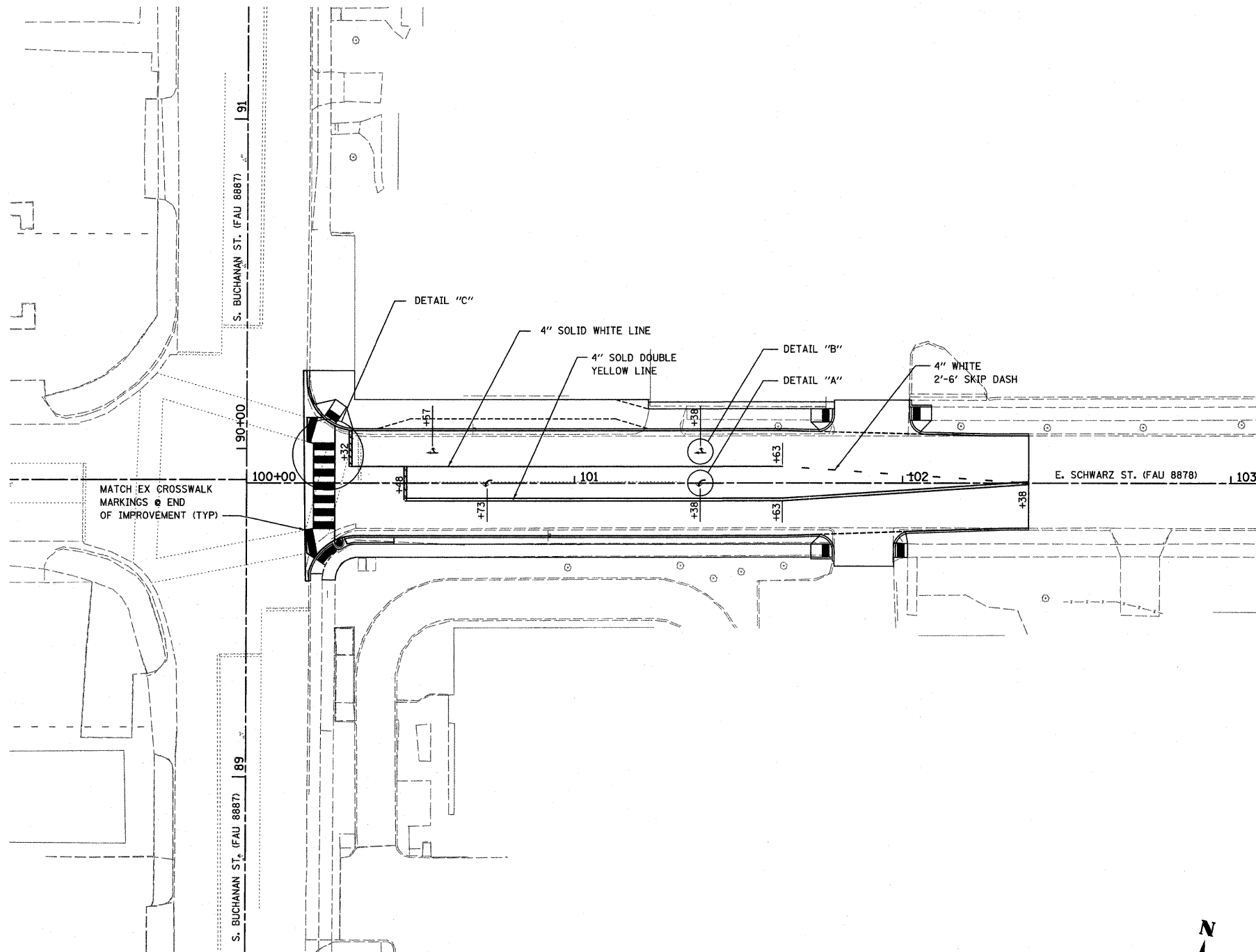
DETAIL 'A'
(NOT TO SCALE)



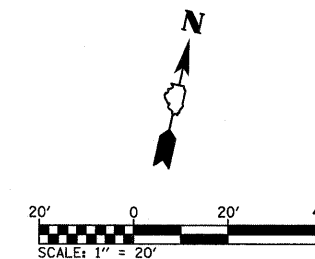
DETAIL 'B'
(NOT TO SCALE)



DETAIL 'C'
(NOT TO SCALE)



NOTE:
ALL EXISTING PAVEMENT MARKINGS THAT
CONFLICT WITH PROPOSED PAVEMENT
MARKINGS SHALL BE REMOVED



FILE NAME =
H:\P\26850\Microstation V8\650\pa01.DGN

USER NAME = #USER#

DESIGNED - TLC

REVISED - ---

DRAWN - TGV

REVISED - ---

PLOT SCALE = 20.0000' / IN.

CHECKED - AJG

REVISED - ---

PLOT DATE = 2/25/2008

DATE - 12/20/07

REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: 1"=20'

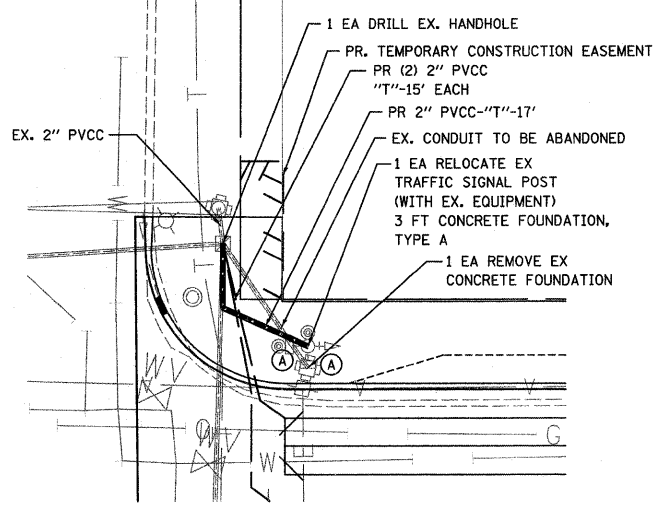
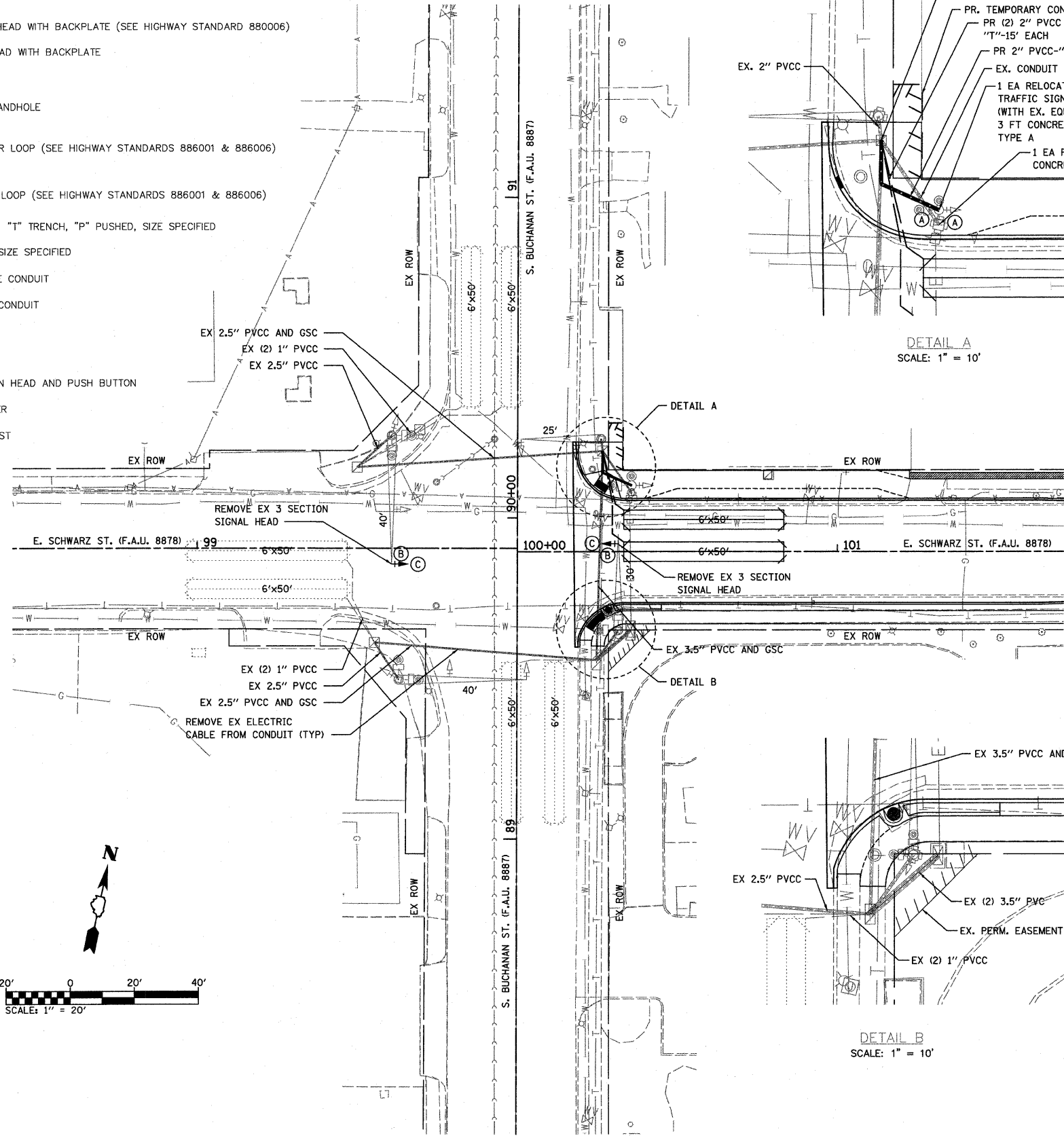
SHEET NO. 1 OF 1 SHEETS

STA. 100+18.44 TO STA. 102+38.41

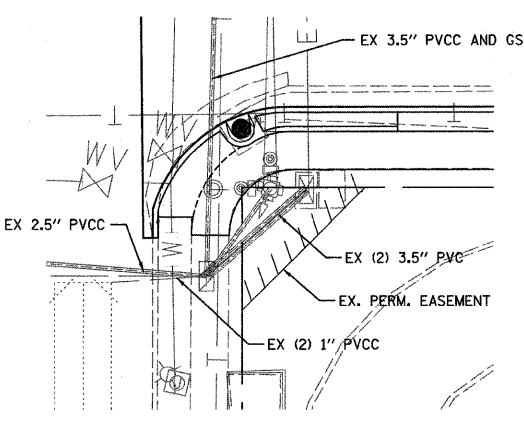
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8878	06-00097-00-PV	MADISON	16	10
E. SCHWARZ ST. INT. IMPROVEMENTS			CONTRACT NO. 97333	
CITY OF EDWARDSVILLE ILLINOIS			FED. AID PROJECT CMM-5011 (228)	

TRAFFIC SIGNAL LEGEND

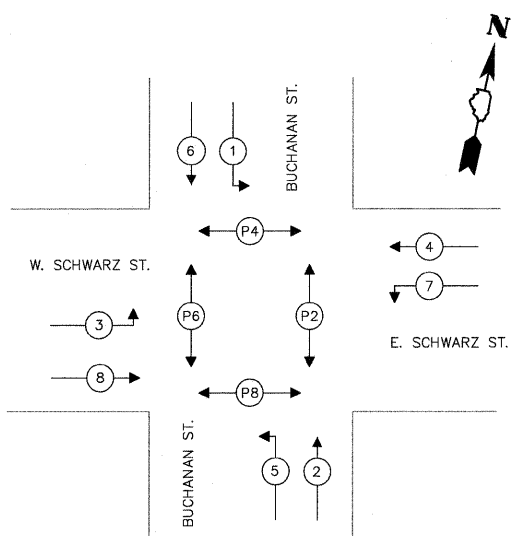
- ➔ PROPOSED SIGNAL HEAD WITH BACKPLATE (SEE HIGHWAY STANDARD 880006)
- ⊕ EXISTING SIGNAL HEAD WITH BACKPLATE
- ◻ EXISTING HANDHOLE
- ◻ EXISTING DOUBLE HANDHOLE
- 6' x 50' PROPOSED DETECTOR LOOP (SEE HIGHWAY STANDARDS 886001 & 886006)
- 6' x 50' EXISTING DETECTOR LOOP (SEE HIGHWAY STANDARDS 886001 & 886006)
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSHED, SIZE SPECIFIED
- EXISTING CONDUIT: SIZE SPECIFIED
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- Ⓟ PROPOSED SIGN
- ⊕ EXISTING MAST ARM
- ⊕ EXISTING PEDESTRIAN HEAD AND PUSH BUTTON
- ⊕ EXISTING CONTROLLER
- ⊕ EXISTING SIGNAL POST



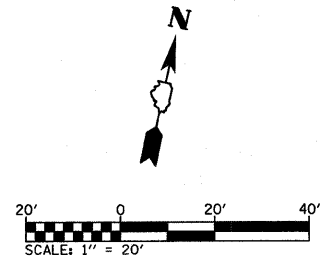
DETAIL A
SCALE: 1" = 10'



DETAIL B
SCALE: 1" = 10'



PHASE DESIGNATION DIAGRAM



EXISTING SEQUENCE OF OPERATIONS

EXISTING FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE ϕ	1	2	3	4	5	6	7	8
MOVEMENT	SB LT	NB	NOT USED	WB	NB LT	SB	NOT USED	EB
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6		8	1 OR 2	1 OR 2		4

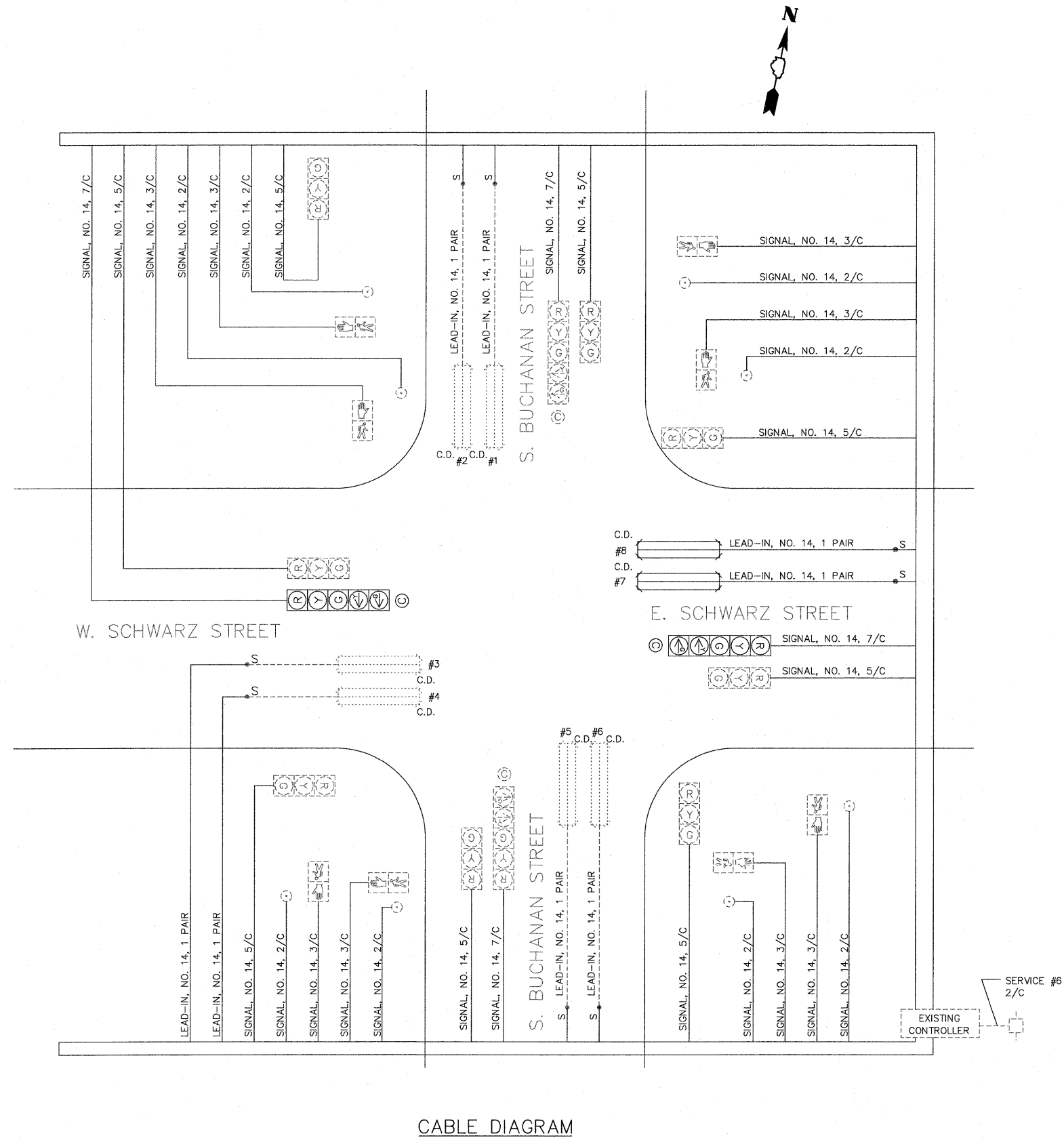
PEDESTRIAN SIGNALS BY PUSH BUTTON OPERATION ONLY

PROPOSED SEQUENCE OF OPERATIONS

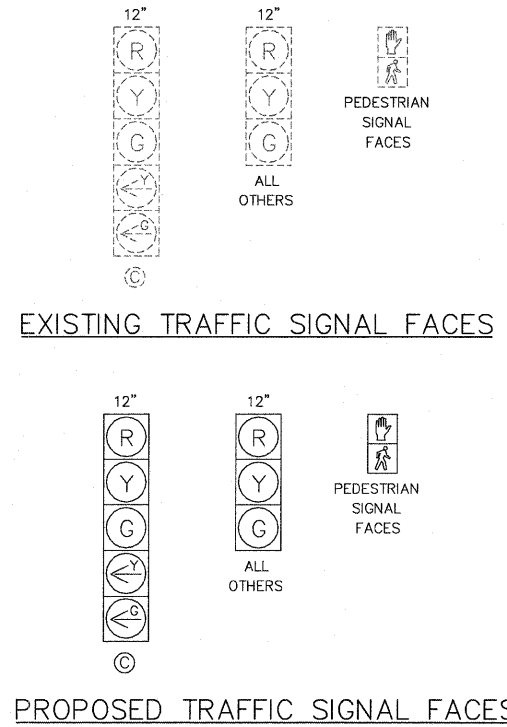
MODIFY EXISTING FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE ϕ	1	2	3	4	5	6	7	8
MOVEMENT	SB LT	NB	EB LT	WB	NB LT	SB	WB LT	EB
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

PEDESTRIAN SIGNALS BY PUSH BUTTON OPERATION ONLY

TRAFFIC SIGNAL PLANS



CABLE DIAGRAM



CABLE DIAGRAM LEGEND

- PROPOSED ELECTRIC CABLE IN CONDUIT
- S— PROPOSED CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- C.D. CALL DELAY (SEE ELECTRICAL GENERAL NOTES)
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- #6 LOOP DETECTOR NUMBER
- PROPOSED PEDESTRIAN PUSH BUTTON
- EXISTING ELECTRIC CABLE IN CONDUIT
- S--- EXISTING CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- EXISTING PEDESTRIAN PUSH BUTTON
- EXISTING SERVICE INSTALLATION

LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	LEAD-IN CABLE LENGTH (FOOT)	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB LT	1	6' X 50'				
2	SB RT / THRU	6	6' X 50'				
3	EB LT	7	6' X 50'				
4	EB RT / THRU	4	6' X 50'				
5	NB LT	5	6' X 50'				
6	NB RT / THRU	2	6' X 50'				
7	WB LT	3	6' X 50'	3 - 6 - 3	122	813	2.2
8	WB RT / THRU	8	6' X 50'	3 - 6 - 3	132	815	2.25

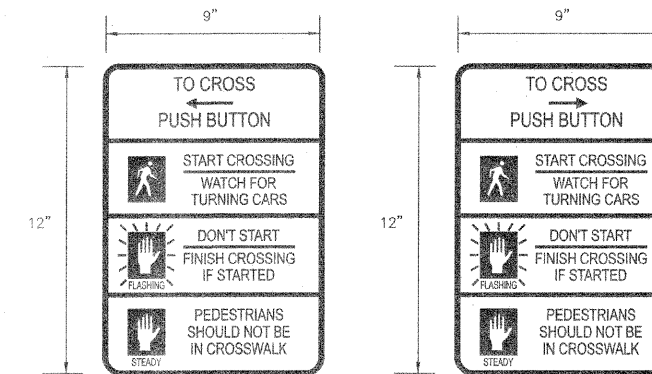
THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.

ELECTRICAL GENERAL NOTES

- ALL SIGNAL HEADS SHALL BE POLYCARBONATE AND SHALL HAVE 12" LENSES. MOUNTING HARDWARE SHALL BE PAINTED BLACK ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SIEZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
 - BACKPLATES SHALL BE ABS PLASTIC.
 - THE LOCATION OF THE SIGNAL POSTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. IN CURBED SECTIONS, THE SIGNAL POSTS SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE SIGNAL POST.
 - ALL TRAFFIC SIGNAL CABLE SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED.
 - ALL PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF NEW PAVEMENT, SHOULDER AND CURB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PUSHING CONDUIT AFTER SUCH WORK HAS BEEN COMPLETED.
 - THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT. THE SLOTS SHALL BE CUT IN THE MILLED SURFACE. NO SLOTS IN THE ASPHALT SURFACE WILL BE ALLOWED.
 - DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. RESIN CORE SOLDER SHALL BE USED.
 - CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
 - ALL INDUCTION LOOP DETECTOR AMPLIFIERS SUPPLIED FOR THIS INTERSECTION SHALL BE RACK MOUNTED AND SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED.
 - ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATIONS. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING:
 AMEREN IP (GAS & ELECTRIC)
 AT&T (TELEPHONE)
 CHARTER COMMUNICATIONS (CABLE TV)
 CITY OF EDWARDSVILLE (WATER, SEWER & TRAFFIC SIGNALS)
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.
- SEE "JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS" (JULIE) IN THE SPECIAL PROVISIONS. CALL (800) 892-0123 48 HOURS BEFORE PLANNING TO DIG.
 - CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED PART OF THE NEW CONDUIT INSTALLATION.
 - SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.
 - THE LOCATION OF SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE THEY ARE INSTALLED.
 - SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
 - WHEN CUTTING PROPOSED DETECTOR LOOPS, THE CONTRACTOR SHALL CONTROL DUST SO THAT DUST DOES NOT BECOME AIRBORNE AND BLOW ONTO PRIVATE PROPERTY.
 - THE CONTRACTOR SHALL TOUCH-UP EXISTING BLACK PAINTED SIGNAL POSTS, MAST ARMS, AND MOUNTABLE HARDWARE DAMAGED BY CONSTRUCTION OPERATIONS.

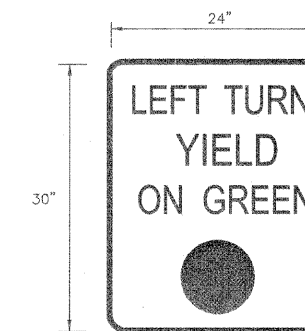
TRAFFIC SIGNAL QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
72000100	SIGN PANEL - TYPE 1	SQ FT	10
72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	2
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	47
81400115	HANDHOLE TO BE ADJUSTED	EACH	1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	47
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,030
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,088
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,157
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	690
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	846
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	2
88500100	INDUCTIVE LOOP DETECTOR	EACH	2
88600100	DETECTOR LOOP, TYPE I	FOOT	374
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,809
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
XX005431	LOCATING UNDERGROUND UTILITY	EACH	100



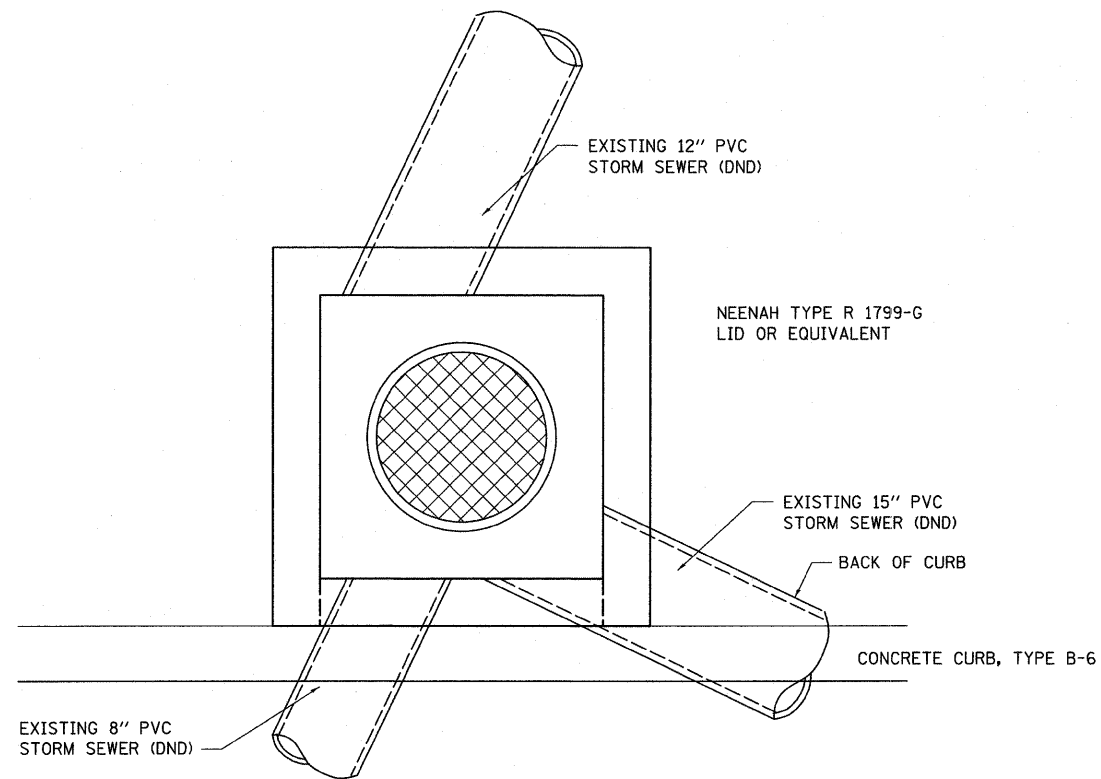
FURNISH & INSTALL TWO (2) EACH SIGNS

DETAIL OF SIGN PANEL - TYPE 1 (SPECIAL)
(NOT TO SCALE)



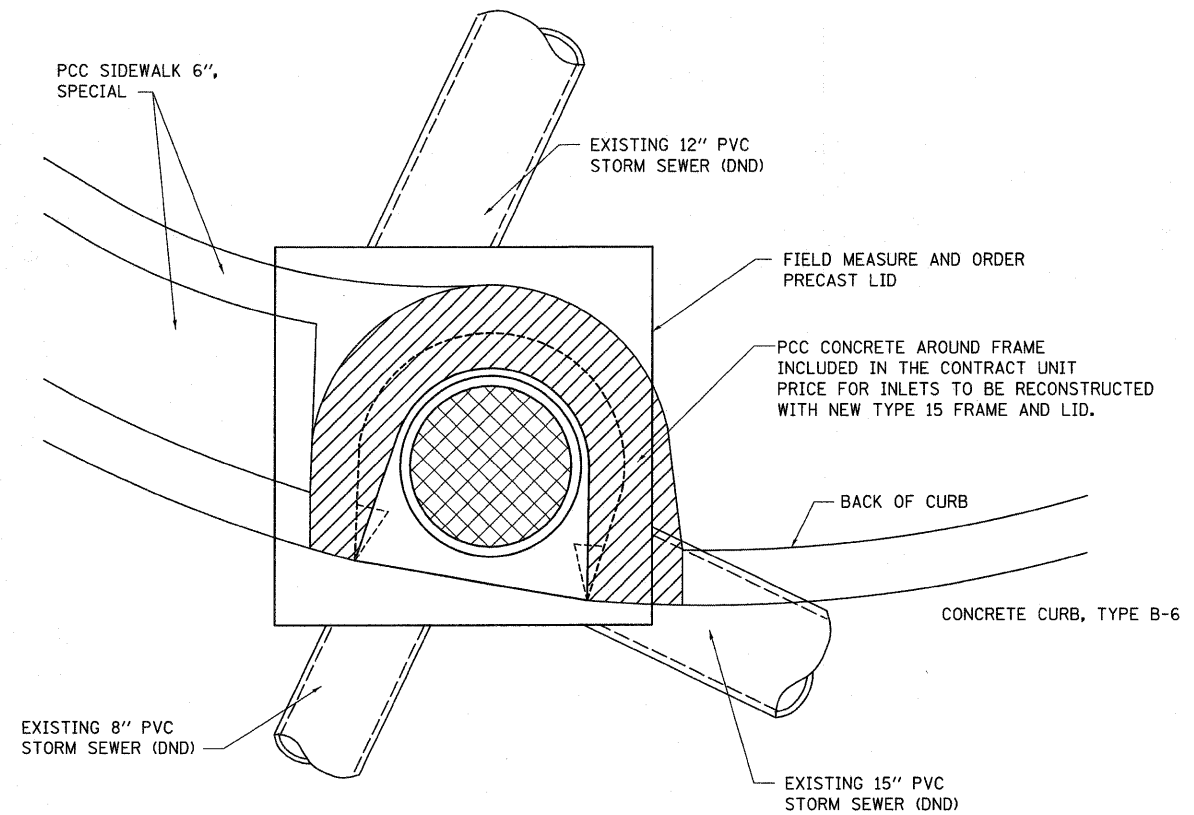
FURNISH & INSTALL TWO (2) EACH SIGNS
R10-12
MOUNT SIGNS ON THE MAST ARMS, 2'-8" FROM THE CENTER OF THE SIGN TO THE CENTER OF THE 5-SECTION SIGNAL HEAD. (8" SPACING BETWEEN THE EDGE OF THE SIGN AND THE EDGE OF THE SIGNAL HEAD BACK PLATE)

DETAIL OF SIGN PANEL - TYPE 1
(NOT TO SCALE)



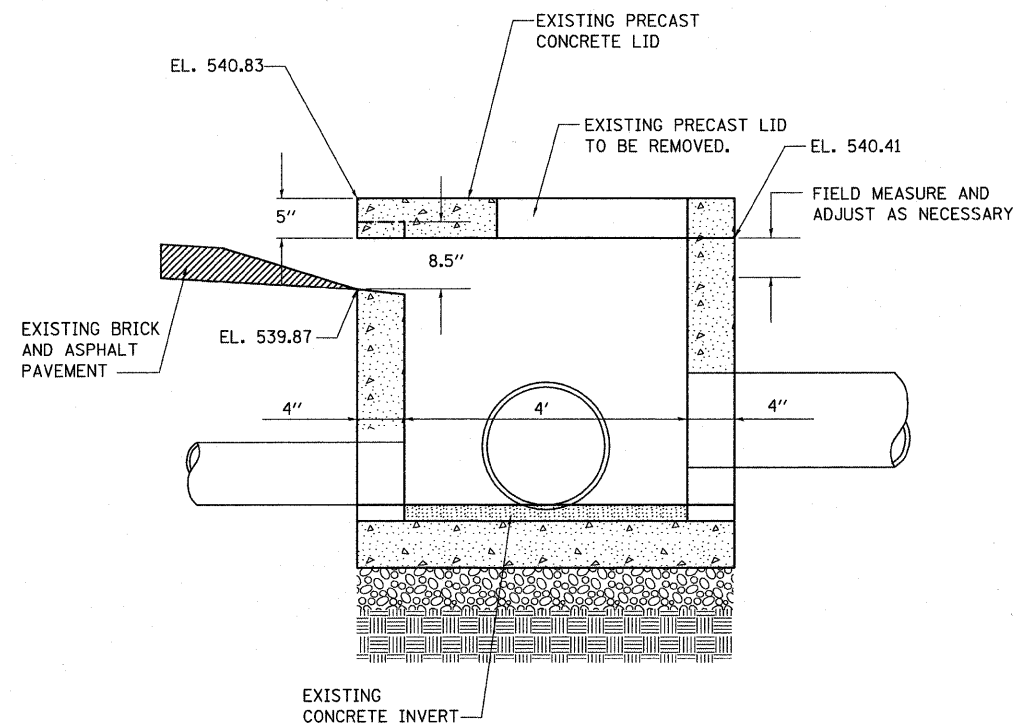
EXISTING PLAN VIEW

NOT TO SCALE



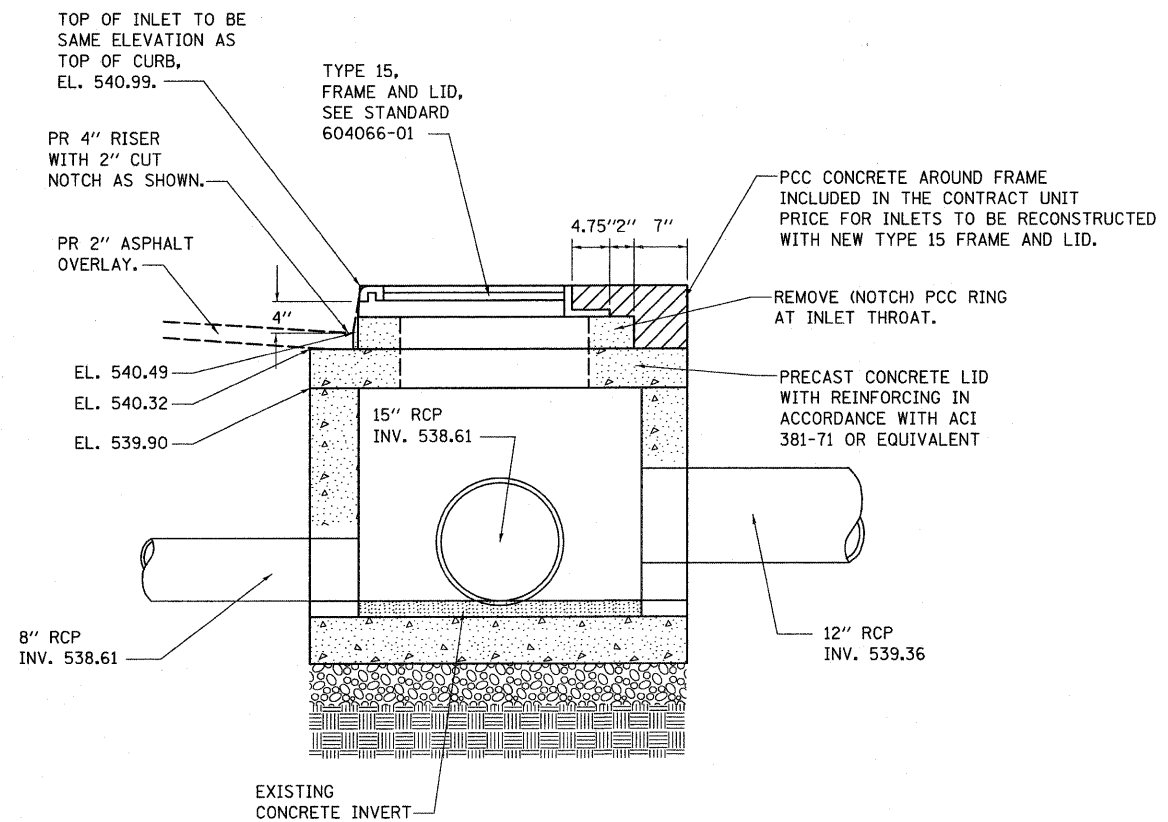
PROPOSED PLAN VIEW

NOT TO SCALE



EXISTING SIDE VIEW

NOT TO SCALE



PROPOSED SIDE VIEW

NOT TO SCALE

FILE NAME =
H:\P\26050\Microstation V8\650dt02.dgn

USER NAME = #USER#
PLOT SCALE = 20.0000' / IN.
PLOT DATE = 2/25/2008

DESIGNED - TLC
DRAWN - TGV
CHECKED - AJG
DATE - 12/20/07

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

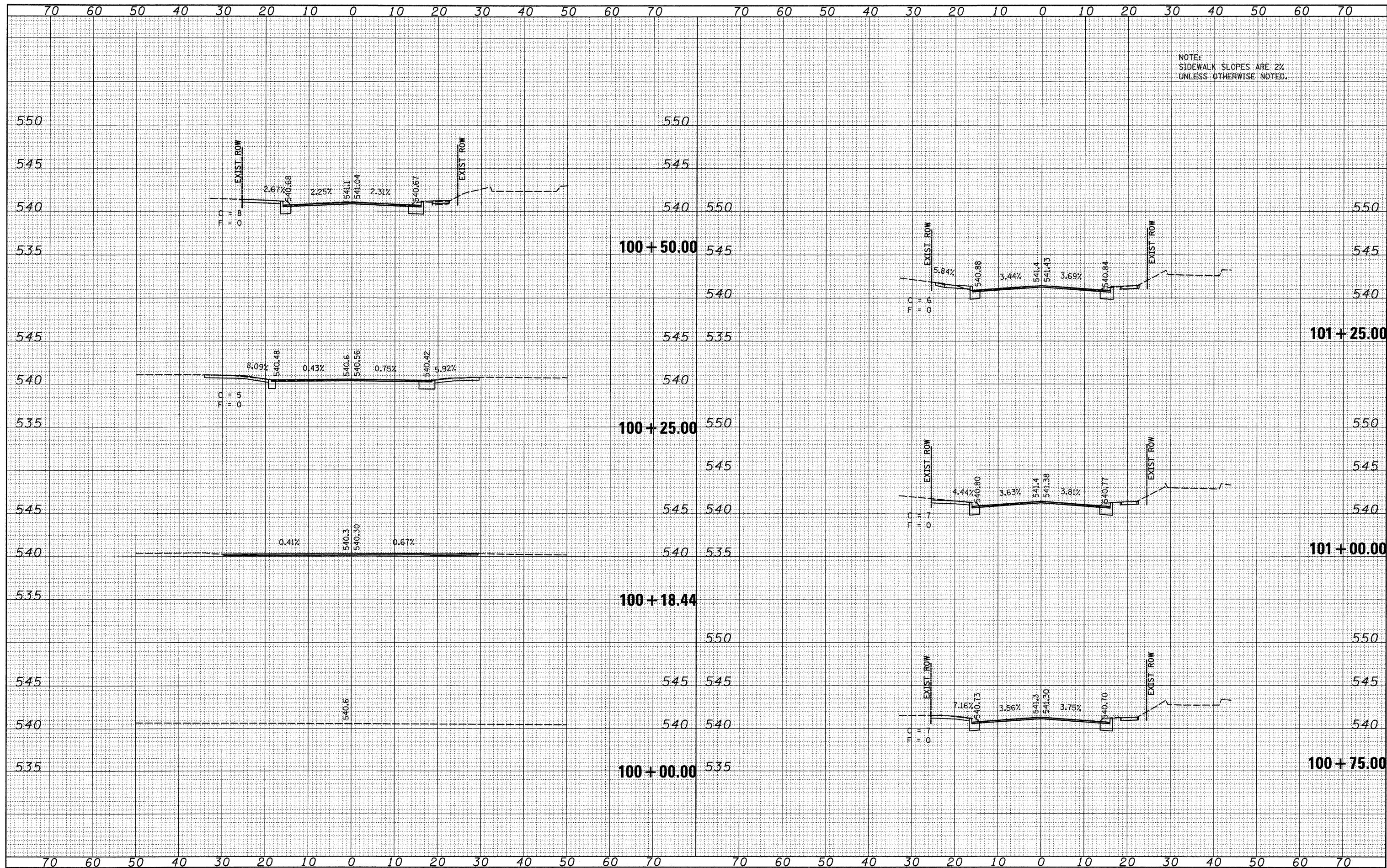
DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8878	06-0097-00-PV	MADISON	16	14
E. SCHWARZ ST. INT. IMPROVEMENTS			CONTRACT NO. 97333	
CITY OF EDWARDSVILLE ILLINOIS			FED. AID PROJECT CMM-5011 (220)	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = H:\P\26858\Microstation V8\658\ssheets\0A2.dgn

USER NAME = *USER*
 DESIGNED - TLC
 DRAWN - TGV
 CHECKED - AJG
 DATE - 12/20/07

REVISED - ---
 REVISED - ---
 REVISED - ---
 REVISED - ---

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

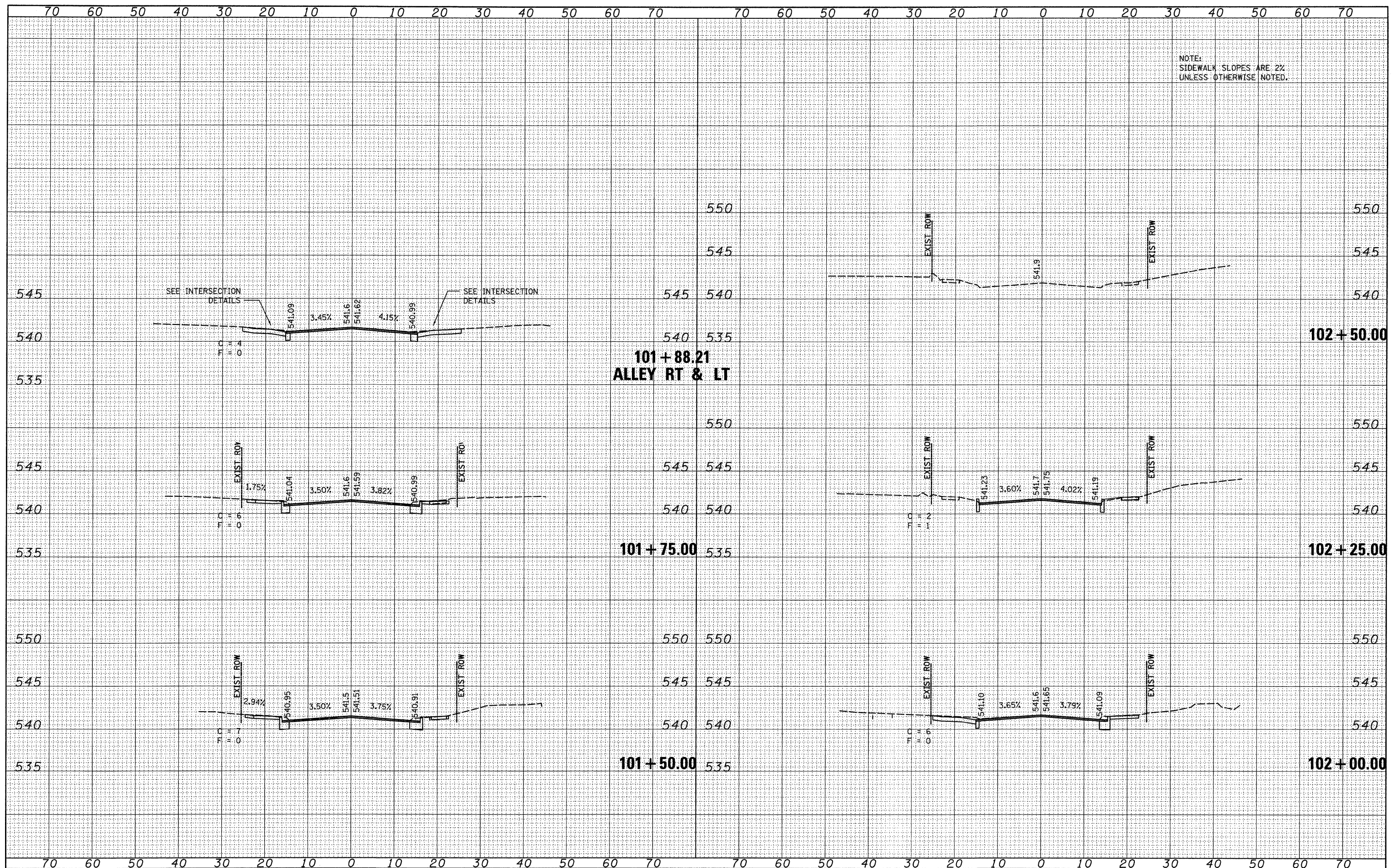
CROSS SECTIONS

SCALE: 1"=10'
 SHEET NO. 1 OF 2 SHEETS
 STA. 100+00 TO STA. 101+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8878	06-00097-00-PV	MADISON	16	15
E. SCHWARZ ST. INT. IMPROVEMENTS			CONTRACT NO. 97333	
CITY OF EDWARDSVILLE ILLINOIS			FED. AID PROJECT CMM-5011 (228)	

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

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



FILE NAME = H:\P\26050\Microstation V8\650\sheet02.dgn

USER NAME = *USER*

DESIGNED - TLC

DRAWN - TGV

CHECKED - AJG

DATE -

REVISD -

REVISD -

REVISD -

REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10'

SHEET NO. 2 OF 2 SHEETS

STA. 101+50 TO STA. 102+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8878	06-0097-00-PV	MADISON	16	16
E. SCHWARZ ST. INT. IMPROVEMENTS			CONTRACT NO. 97333	
CITY OF EDWARDSVILLE ILLINOIS			FED. AID PROJECT CMM-5011 (228)	