INDEX OF SHEETS

- 1. COVER SHEET
- GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- SCHEDULE OF QUANTITIES
 DEMOLITION & SEWER PLAN
- 6. CONSTRUCTION PLAN
- 7-8. SIDEWALK CONSTRUCTION DETAILS
- 9-10. TRAFFIC SIGNAL LAYOUT PLAN
- 11. TRAFFIC SIGNAL CABLE DIAGRAM
- 12. TRAFFIC SIGNAL DETAILS
 - HIGHWAY STANDARDS

City of Urbana PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. Route 7177 (Lincoln Avenue)

Project No. HS-7127(031) Job No. C-95-317-05 Lincoln Ave. & Pennsylvania Ave. Traffic Signal Installation City Section 04-00396-00-TL

HIGHWAY STANDARDS

424001-04 CURB RAMPS FOR SIDEWALKS 602301-01 INLET - TYPE A

602306-01 INLET - TYPE B

604001-02 FRAME AND LIDS, TYPE 1

604006-02 FRAME AND GRATE. TYPE 3

606001-02 CONCRETE CURB TYPE B AND COMBINATION

CONCRETE CURB AND GUTTER

701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION

701801-03 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK

OR SIDEWALK CLOSURE
702001-06 TRAFFIC CONTROL DEVICES

720016-01 MAST ARM MOUNTED STREET NAME SIGNS 805001 ELECTRICAL SERVICE INSTALLATION DETAILS

805001 ELECTRICAL SERVICE II 813001-01 JUNCTION BOXES

814001 CONCRETE HANDHOLES

814006 DOUBLE HANDHOLES

857001 STANDARD PHASE DESIGNATION DIAGRAMS

AND PHASE SEQUENCES

873001 TRAFFIC SIGNAL GROUNDING

877011-02 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

878001-04 CONCRETE FOUNDATION DETAILS 880006 TRAFFIC SIGNAL MOUNTING DETAILS

886001 DETECTOR LOOP INSTALLATIONS

886001 DETECTOR LOOP INSTALLATIONS
886006 TYPICAL LAYOUTS FOR DETECTION LOOPS

TRAFFIC DATA:

 LEG A (NORTH)
 LEG C (WEST)

 ADT (2005) = 16000
 ADT (2005) = 8000

 DHV (2005) = 1500
 DHV (2005) = 770

 LEG B (SOUTH)
 LEG D (EAST)

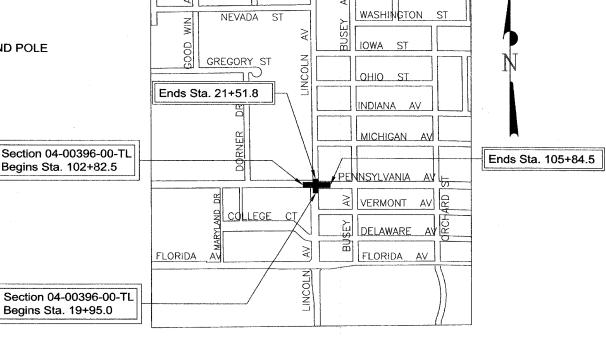
 ADT (2005) = 15300
 ADT (2005) = 4300

 DHV (2005) = 1515
 DHV (2005) = 360

Scales:



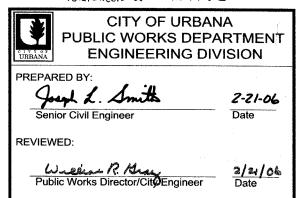
Location Map



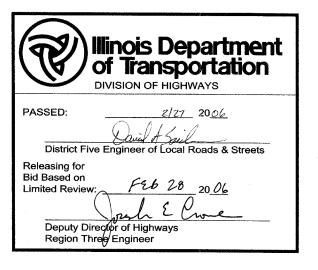
TOTAL LENGTH OF SECTION = 458.8 FEET = 0.09 MILE NOT TO SCALE

CONTRACT NO. 91337

Total SHeets 12 Sheet No. 1









City of Urbana - Cunningham Township

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GENERAL NOTES

ANY REFERENCE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THE SCHEDULE OF STANDARDS ON THE COVER SHEET.

WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED JANUARY 1, 2002.

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. THESE UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.

THE FOLLOWING IS A LIST OF UTILITY COMPANIES LOCATED ALONG THIS SECTION. THE UTILITY OWNERS MARKED WITH AN " * " BELONG TO J.U.L.I.E.

- * ILLINOIS AMERICAN WATER COMPANY (WATER)
- * AMEREN ILLINOIS POWER COMPANY (ELECTRIC AND GAS)
- * SBC AMERITECH (COMMUNICATIONS)
- * McCLEOD USA (COMMUNICATIONS)
- * INSIGHT COMMUNICATIONS (CATV)
- * URBANA AND CHAMPAIGN SANITARY DISTRICT (SANITARY SEWER INTERCEPTORS)
- * CITY OF URBANA (STORM AND SANITARY SEWERS, STREETLIGHTS, TRAFFIC SIGNALS)
- * UNIVERSITY OF ILLINOIS (PRIVATE WATER, SEWER, STEAM, COMPRESSED AIR, COOLING WATER ELECTRIC AND COMMUNICATIONS)

EARTH EXCAVATION FOR THIS PROJECT IS CLASSIFIED AS EARTH EXCAVATION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AS PROVIDED IN THE CONTRACT SPECIFICATIONS. THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF EARTH AND UNCLASSIFIED MATERIALS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND AGENCIES PRIOR TO EXCAVATION OPERATIONS. EARTH EXCAVATION WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED INCIDENTAL TO THE SPECIFIC CONSTRUCTION PAY ITEM REQUIRING ANY EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED...

THE EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONSTRUCTION SHALL BE REMOVED AND RETURNED TO THE CITY OF URBANA'S PUBLIC WORKS CENTER. THE COST FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL.

AT LOCATIONS INDICATED ON THE PLANS, PROPOSED STORM SEWERS ARE TO BE CONNECTED INTO EXISTING INLETS. THESE CONNECTIONS SHALL BE MADE IN A WORKMANLIKE MANNER AND MASONRY CONSTRUCTED AROUND THEM SO AS TO PREVENT LEAKAGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO STORM SEWERS OF THE TYPE AND SIZE SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WHERE THE P.C. CONCRETE PAVEMENT IS LESS THAN 12 INCHES IN WIDTH, IT SHALL BE POURED MONOLITHICALLY WITH THE COMBINATION CONCRETE CURB AND GUTTER.

THE CONTRACTOR SHALL CAREFULLY PROTECT ANY TREES OR SHRUBS NOT INCLUDED IN THE CONTRACT FOR REMOVAL. SNOW FENCE SHALL BE ERECTED TEN FEET FROM TREES AND SHRUBS TO REMAIN, THAT ARE IMMEDIATELY ADJACENT TO THE WORK, FOR PROTECTION DURING CONSTRUCTION OPERATIONS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR EARTH EXCAVATION WITH NO ADDITIONAL COMPENSATION ALLOWED.

EXISTING CONCRETE AND BITUMINOUS CONCRETE, OR COMBINATION CONCRETE CURB AND GUTTER, IN WHICH THE TOP SURFACE IS TO BE BUTT JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH FULL DEPTH SAW CUT JUNCTIONS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

CONTRACT NO. 91337

THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SODDING SHALL BE DONE AT LOCATIONS SHOWN ON THE PLANS WHERE THE EXISTING EARTH HAS BEEN DISTURBED AND AT LOCATIONS WITHIN THE RIGHT-OF-WAY HAVING INSUFFICIENT VEGETATION AS DIRECTED BY THE ENGINEER. ANY EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION DAMAGED BY THE CONTRACTOR SHALL BE SODDED AT THEIR OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SODDED. THE CONTRACTOR SHALL STOCKPILE SUITABLE SOILS FROM THE EXCAVATION OPERATIONS OR SUPPLY SUITABLE TOPSOIL AS REQUIRED. THE SOIL MATERIALS SHALL MEET THE REQUIREMENTS OF ARTICLE 181.05 OF THE STANDARD SPECIFICATIONS OR BE APPROVED BY THE ENGINEER. THE SOIL BACKFILL AND FINAL SHAPING REQUIRED SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO SODDING.

THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OTHER CONTRACTORS REGARDING THE MILLING AND RESURFACING OF THE LINCOLN AND PENNSYLVANIA AVENUE INTERSECTION, INSTALLATION OF STREET LIGHTING AND THE PLACEMENT OF PAVEMENT MARKINGS. IN ADDITION. POWER FOR THE TRAFFIC SIGNAL CONTROLLER IS BEING PROVIDED BY THE UNIVERSITY OF ILLINOIS BY INSTALLING A SERVICE CONDUIT AND ELECTRIC CABLES FROM THE TRUCK DOCK AT PENNSYLVANIA AVENUE RESIDENCE HALLS.

SHEETS NO.

Y031-1F

SUMMARY OF QUANTITIES

4031-1F

			4031-1F
CODE NO.	ITEM	UNIT	QUANTITY
20100110 *	TREE REMOVAL (6-15 UNITS DIAMETER)		6
25200100 *	SODDING	SQYD	275
25200200 *	SUPPLEMENTAL WATERING	UNIT	4
35300300 *	PORTLAND CEMENT CONCRETE BASE COURSE, 8"	SQYD	114
40200900 *	AGGREGATE SURFACE COURSE, TYPE B	CUYD	5
42400300 *	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	SQFT	1643
42400800 *	DETECTABLE WARNINGS	SQFT	88
44000100 *	PAVEMENT REMOVAL	SQYD	72
44000300 *	CURB REMOVAL	FOOT	222
44000500 *	COMBINATION CURB AND GUTTER REMOVAL	FOOT	195
44000600 *	SIDEWALK REMOVAL	SQFT	1935
50104600 *	CONCRETE RETAINING WALL REMOVAL	FOOT	28
550B0030 *	STORM SEWER, CLASS B, TYPE 1, 8"	FOOT	8
60235700 *	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60240220 *	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1
60255500 ★	MANHOLES TO BE ADJUSTED	EACH	1
60260300 *	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAMEOPENLID	EACH	4
60265700 *	VALVE VAULT TO BE ADJUSTED	EACH	1
60266600 *	VALVE BOXES TO BE ADJUSTED	EACH	2
60604400 *	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	337
60605000 *	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	97
67100100	MOBILIZATION	LSUM	1
	0102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701		1
70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801		LSUM LSUM	1
72000200 * SIGN PANEL, TYPE 2		SQ FT	60
80501000	SERVICE INSTALLATION (SPECIAL)	EACH	1
81012300	CONDUIT, IN TRENCH, 1" DIAMETER, PVC	FOOT	44
81012600	CONDUIT, IN TRENCH, 2" DIAMETER, PVC	FOOT	224
81012700	CONDUIT, IN TRENCH, 2-1/2" DIAMETER, PVC	FOOT	49
81013000	CONDUIT, IN TRENCH, 4" DIAMETER, PVC	FOOT	3
81021570	CONDUIT, AUGURED, 3" DIAMETER, PVC	FOOT	158
81021590	CONDUIT, AUGURED, 4" DIAMETER, PVC	FOOT	70
81027050	POLYETHYLENE DUCT, BORED AND PULLED, 1-1/2"	FOOT	414
81400400	CONCRETE HANDHOLE	EACH	7
81400600	CONCRETE DOUBLE HANDHOLE	EACH	1
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	320
81702110	ELECTRIC CABLE IN CONDUIT,600V (XLP-TYPE USE), 1/C NO. 10	FOOT	748
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	2
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	2
84200700			2
85700200			1
86600010			2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	FOOT	748
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	FOOT	94
87301225 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	716
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	1320
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9/C	FOOT	998
87301265		FOOT	1360
87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PR ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18 3PR	FOOT	252
87301705	ELECTRIC CADLE IN CONDUIT, COMMUNICATION, NO. 10 3PK	11001	

CODE NO.	ITEM	UNIT	QUANTITY
87500600	TRAFFIC SIGNAL POST, 10'	EACH	2
87501000	TRAFFIC SIGNAL POST, 14'	EACH	2
87501200	TRAFFIC SIGNAL POST, 16'	EACH	2
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	5
87702810	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16'	EACH	1
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20'	EACH	1
87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 24'	EACH	1
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 28'	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E, 30" DIAMETER	FOOT	40
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	8
88600100	DETECTOR LOOP, TYPE 1	FOOT	537
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	280
X0974300	SIGN REMOVAL	EACH	5
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1/C	FOOT	684
X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION,		
	MAST ARM MOUNTED	EACH	7
X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION,		
	MAST ARM MOUNTED	EACH	1
X8801415	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION,		
	BRACKET MOUNTED	EACH	2
X8801437	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1 3-SECTION,		
	1 5-SECTION, BRACKET MOUNTED	EACH	2
X8850106	INDUCTIVE LOOP DETECTOR, RACK MOUNTED	EACH	8
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
XX003079	REMOVE JUNCTION BOX	EACH	2
XX006533	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE,		
	BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
XX006513*	REMOVE AND REPLACE FLAGSTONE WALL	FOOT	46
XX006511	LUMINAIRE, METAL HALIDE, SPECIAL, 400 WATT	EACH	3
XX006512	LUMINAIRE, METAL HALIDE, SPECIAL, 400 WATT WITH PHOTOCELL	EACH	1
XX006514	JUNCTION BOX, POLYMER CONCRETE, 12" X 12" x 12"	EACH	2
Z0042300 *	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	8
X8760250	VIBROTACTILE FEATURE	EAC H	88

* SPECIALTY ITEMS

CONTRACT NO. 91337

SCHEDULE OF QUANTITIES

Remove & Replace Flagsto	emove & Replace Flagstone Wall	
#5000774		
Location	Foot	
20+16.9 to 104+69.8, Rt.	46.0	
Total=	46.0	

Curb Removal 44000300		
Location	Feet	
103+17.5 to 103+92.5, Lt.	76.0	
104+56.1 to 104+73.1, Lt.	17.0	
104+51.9 to 105+51.9, Rt.	103.7	
103+65.2 to 103+89.4 Rt.	25.3	
Total=	222.0	

Inlets, Type A, Type 3 Frame and Grate 60235700		
Location	Each	
21+22.0, 22.5' Lt.	1.0	
103+82.8, 26.0' Rt.	1.0	
Total=	2.0	

Valve Boxes to be Adjusted 60266600		
Location	Each	
104+62.8, 21.4' Rt.	1.0	
20+43.9, 27.8' Rt.	1.0	
Tota	al= 2.0	

Detectable Warnings 42400	800
Location	Sq. Ft.
NW Quadrant	23.2
NE Quadrant	20.0
SE Quadrant	18.0
SW Quadrant	26.8
Total=	88.0

Remove Junction Box XX003079		
Location	Each	
104+59.1, 17.8' Lt.	1.0	
105+21.8, 18.6' Rt.	1.0	
Total=	2.0	

Comb. Curb and Gutter Removal 44000500		
Location	Feet	
21+19.0 to 21+48.0, Lt.	28.8	
21+23.6 to 21+48.0, Rt.	24.4	
21+19.6, Rt. to 104+55.6, Lt.	25.0	
20+27.3 to 20+46.6, Rt.	19.3	
105+51.9 to 105+84.4, Rt.	32.5	
19+95.0 to 20+57.8, Lt.	65.0	
Total=	195.0	

Inlets, Type B, Type 3 Frame and Grate 60240220		
Location	Each	
03+20.3, 19.7' Lt.	1.0	
Total=	1.0	

Removal of Existing Lighting	Unit,		
Salvage 84200500			
Location	Each	Supplemental Watering	25200200
104+58.5, 22.0' Lt.	1.0		
105+24.2, 20.3' Rt.	1.0	Location	Unit
Total=	2.0	NW Quadrant	3.0
10tal-1	2.0	NE Quadrant	0.6
		SE Quadrant	1.5

Comb. Cond	. Curb & Gutte 60604400	эг, Туре	B-6.18
	_ocation		Foot
20+46.6 Rt.	105+84.4 Rt.		147.0
21+48.0 Rt.	104+73.1 Lt.		64.2
103+19.4 Lt.	21+48.0 Lt.	1	116.4
103+65.2 Rt.	103+75.0 Rt.		9.4
		Total=	337.0

Sign Removal X0974300	
Location	Each
21+29.7, 22.5' Lt.	1.0
104+57.7, 18.4' Lt.	1.0
105+30.4, 17.7' Rt.	1.0
20+40.8, 25.0' Rt.	1.0
103+80.3, 27.4' Rt.	1.0
Total=	5.0

	~~~~
Sidewalk Removal 44000	600
Location	Sq. Ft.
NW Quadrant	595.4
NE Quadrant	451.0
SE Quadrant	279.0
105+07.7 to 105+47.8, Rt.	91.6
SW Quadrant	518.0
Total=	1935.0

Manholes to be Adjusted 602	255500
Location	Each
03+83.5, 29.4' Lt.	1.0
Total=	1.0

Removal of Existing Lighting Unit, No Salvage 84200600	
21+25.5, 22.9' Rt.	1.0
20+22.4, 22.2' Lt.	1.0
Tota	<b>⊨</b> 2.0

Comb. Co	nc. Curb & Gutter, Ty 60605000	pe B-6.2
	Location	Foot
19+95.5	20+63.0 Lt.	77
20+27.3	20+46.6	19
	Total:	= 97

Tree Removal (6-15 Units Dia.)	20100110
Location	Inch Dia
104+69.4, 22.6' Lt.	6.0
Total=	6.0
, , , , , , , , , , , , , , , , , , ,	

Pavement Removal 44000100

3.3 22.0 8.4

72.0

Location 103+17.5 to 21+34.5 Lt 21+19.6 to 21+23.6, Rt. 104+55.4 to 104+73.1, Lt.

20+27.3 to 105+51.9, Rt. 106+65.2, Rt. to 19+95.0, Lt.

Inlets to be Adjusted wi Type 1 Frame openLid 60	
Location	Each
21+18.4, 21.2' Lt.	
21+09.7, 23.4' Rt.	-
20+56.4, 27.5' Rt.	or - James Courses - Constitutions
20+57.5, 31.1' Lt.	tender til antakkin umaken
Total	=

Lighting Foundation Ren	noval 84200/00
Location	Each
21+25.5, 22.9' Rt.	1.0
20+22.4, 22.2' Lt.	1.0
Т	otal= 2.0

Aggregate Surface Course, Ty. B	
40200900	
Location	Cu Yd
MM/ O I/	5.0
NW Quadrant	0,0

P. C. Concrete Base Course, 8" 35300300

103+17.5 103+24.2 Lt. 103+80.6 21+27.0 Lt.

21+34.5 Rt. 104+65.4 Lt.

20+46.6 105+68.2 Rt. 103+75.0 Rt. 20+14.5 Lt.

Sodding 25200100 Location

NW Quadrant

NE Quadrant SE Quadrant

SW Quadrant

SW Quadrant

Sq. Yd.

54.0 44.0

101.0 76.0

Unit 0.8

0.6

1.5

1.1

4.0

Sq. Yd.

21.8 52.5

28.7

Total= 114.0

Total=

Total= 275.0

Concrete Retaining Wall Removal 50104600	
Location	Feet
103+82.7 to 103+93.0 Lt.	10.3
21+16.5 to 21+34.2 Lt.	17.7
Total=	28.0

Valve Vault to be Adjusted 60265700		
Location	Each	
103+89.3, 25.4' Lt.	1.0	
Total=	1.0	

Remove Electric Cable fi	rom
Conduit 89502300	
Location	Foot
104+59.5 to 105+95.3, Lt.	135.8
105+22.2 to 106+66.4, Rt.	144.2
Total=	280.0

P.C. Concrete Sidewalk, 6	C. Concrete Sidewalk, 6" 42400300		
Location	Sq. Ft.		
NW Quadrant	543.4		
NE Quadrant	287.3		
105+27.8, Rt.	27.8		
SE Quadrant	300.3		
SW Quadrant	484.2		
To	otal= 1643.0		

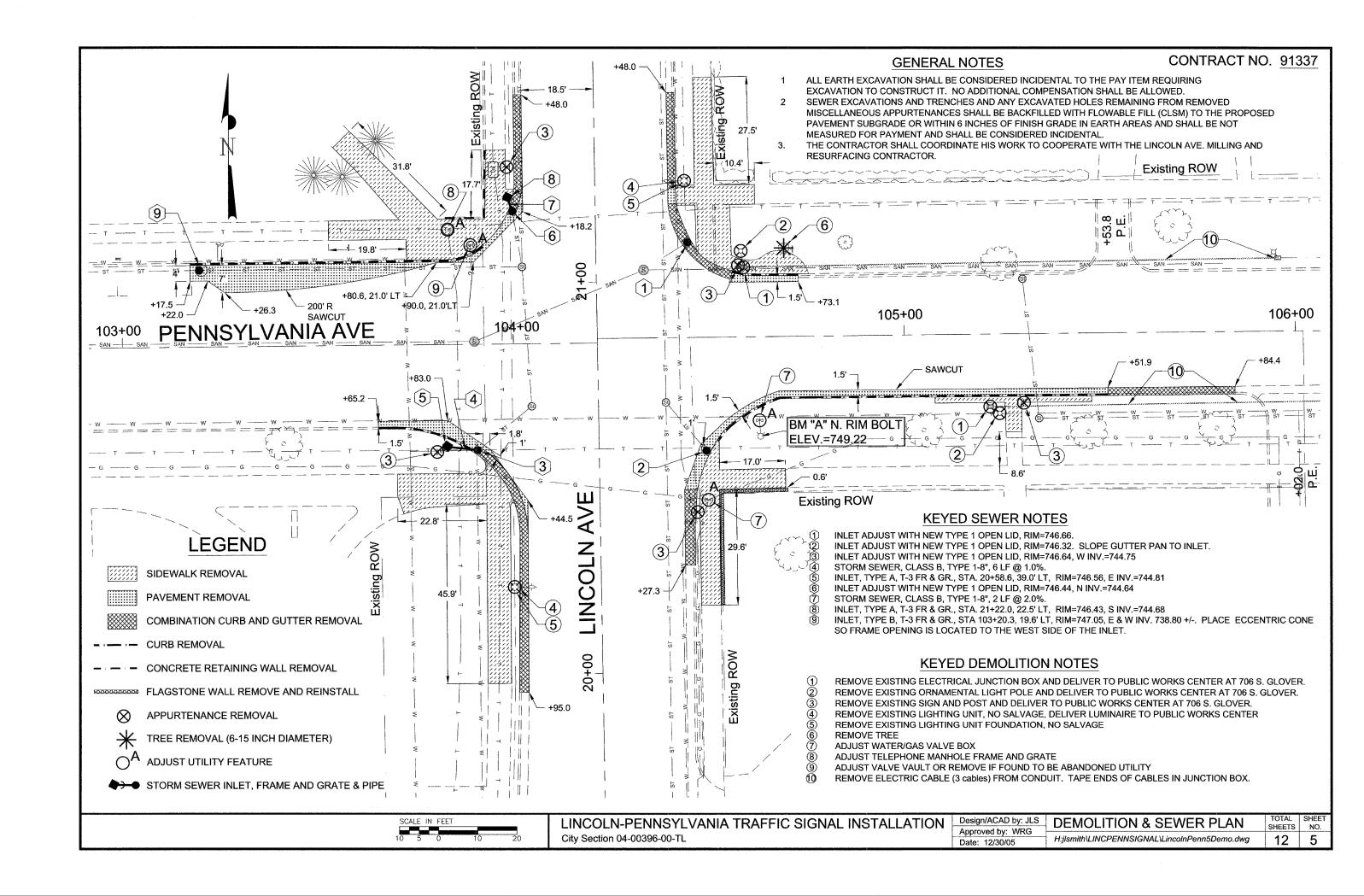
Location	Foot	
21+26.6 to 21+34.1, 28.3 - 30.6' L	8.	
Total=	8.	

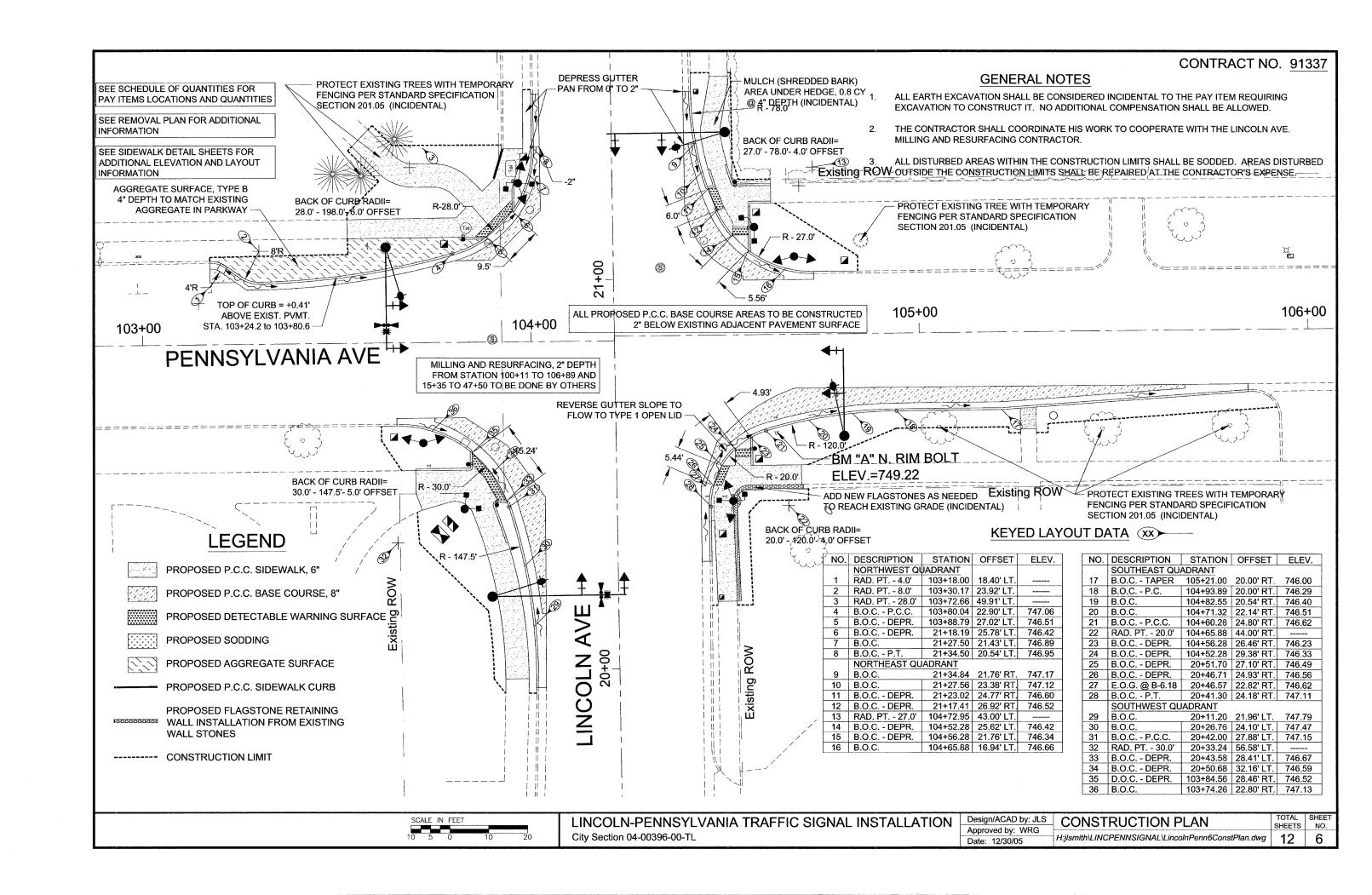
P. C. Concrete Sidewalk Curb Z0042300

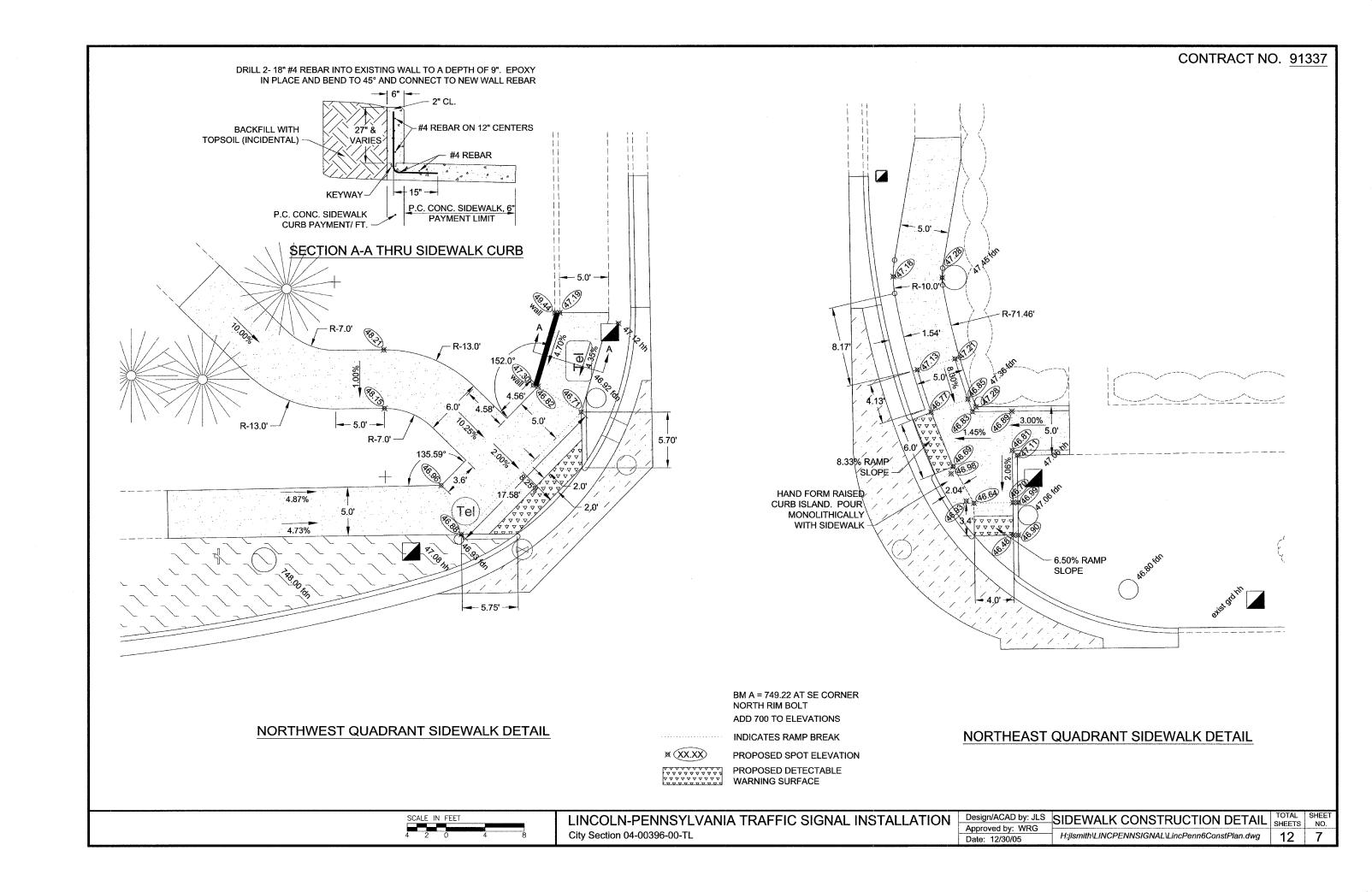
Storm Sewer, Class B Type1, 8"	550B0030
Location	Feet
21+19.3 to 21+21.1, 21.9' Lt.	2.0
103+83.9 to 103+89.6, 26.5' Rt	6.0
Total=	8.0

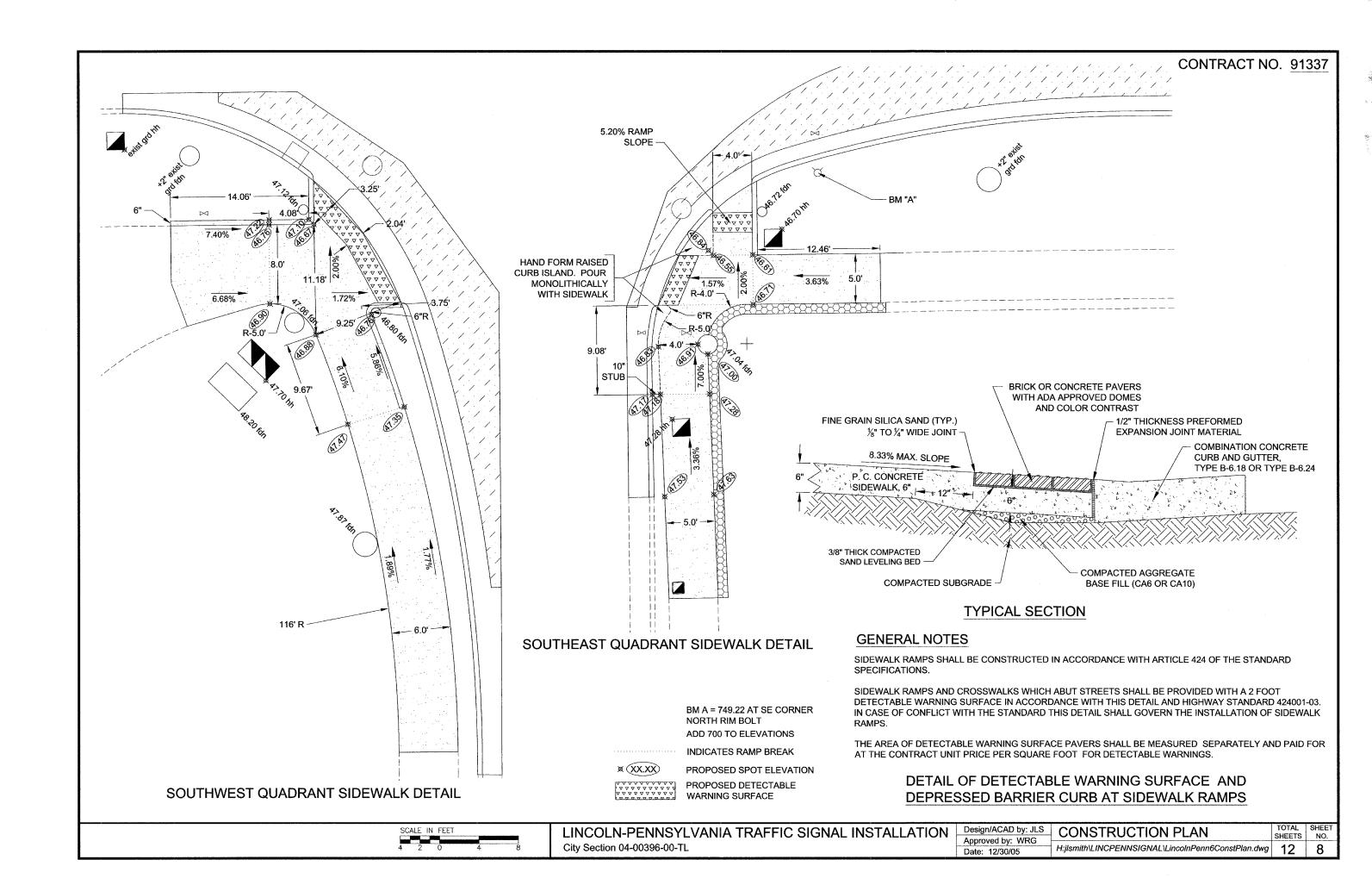
LINCOLN-PENNSYLVANIA	TRAFFIC SIGNAL INSTALLATION
City Section 04-00396-00-TL	

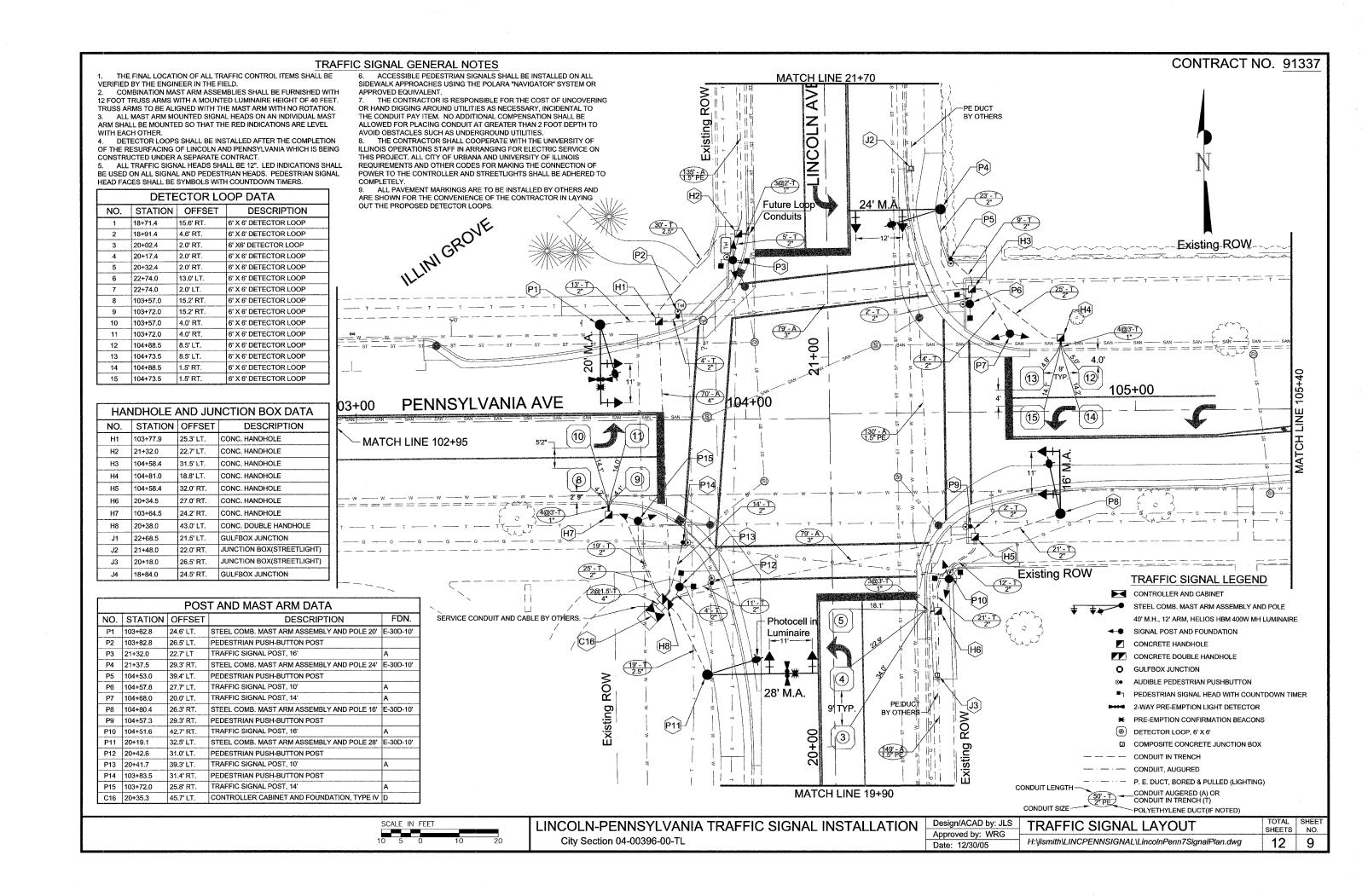
Design/ACAD by: JLS SCHEDULE OF QUANTITIES	TOTAL SHEETS	SHEET NO.	
Approved by: WRG Date: 12/30/05	H:jlsmith\LINCPENNSIGNAL\LincolnPenn4Schedules.dwg	12	4

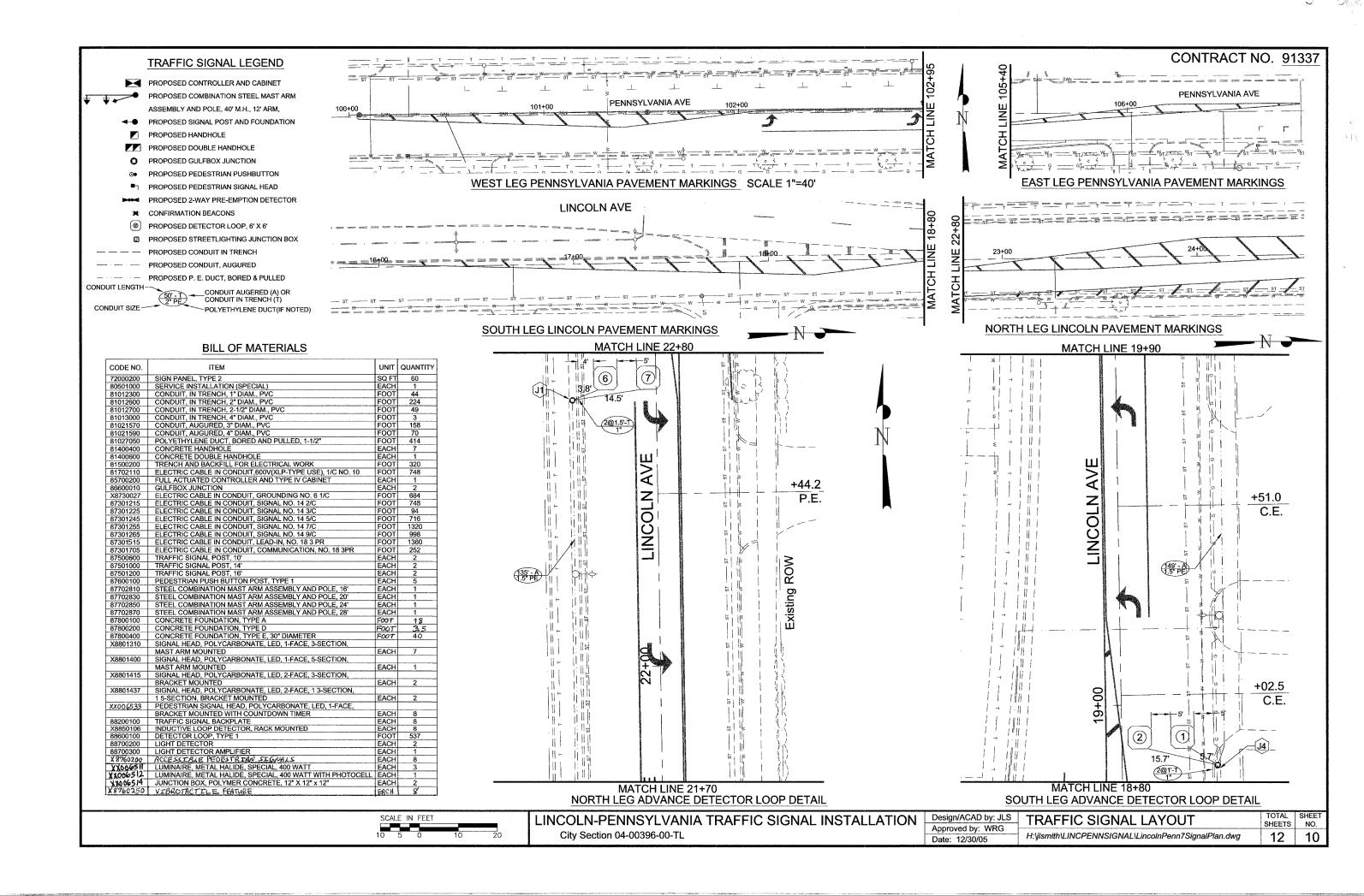


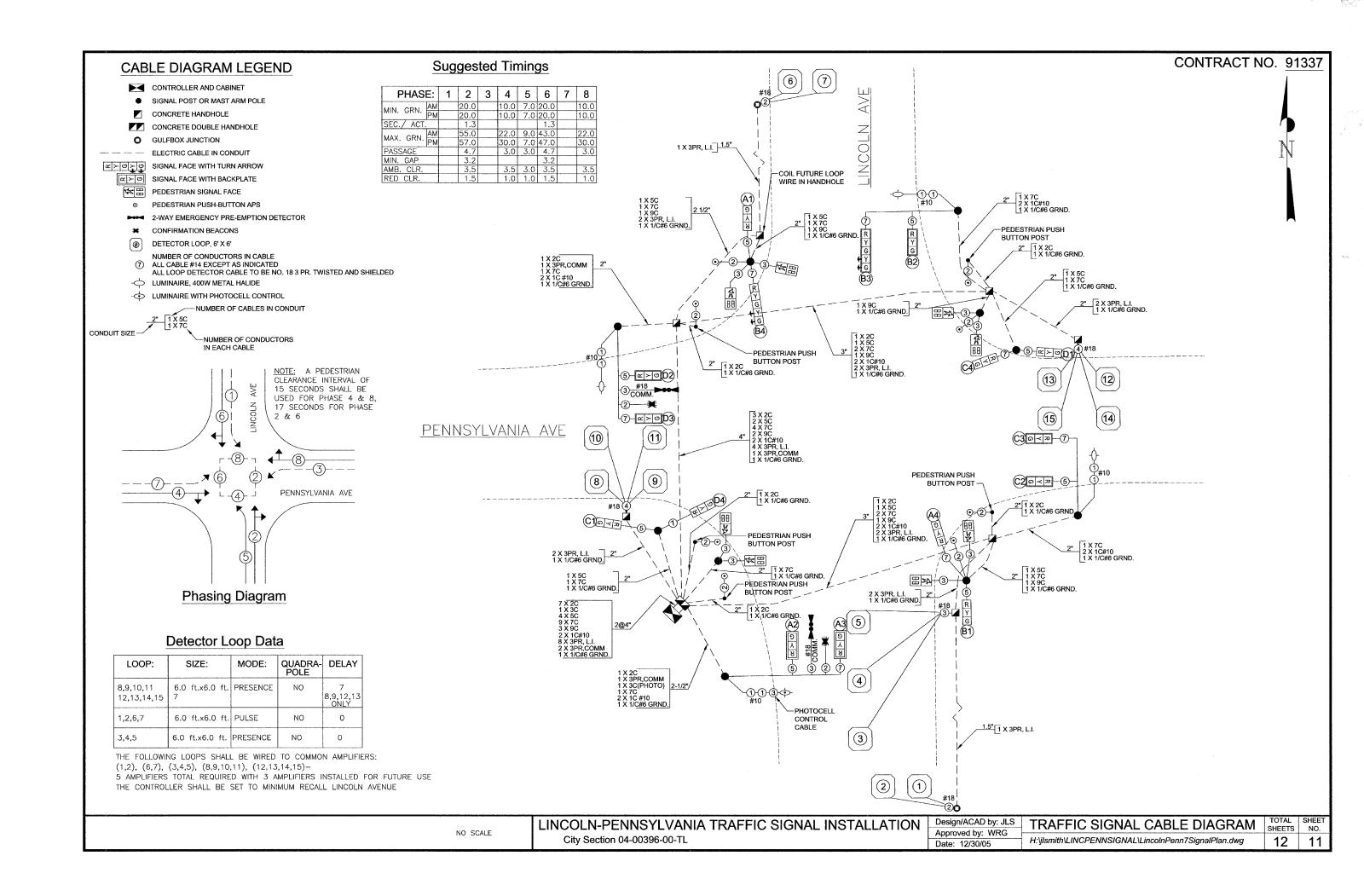




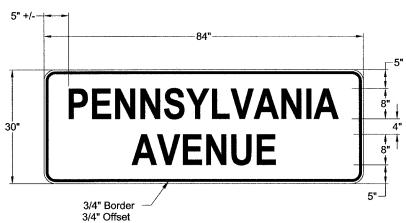












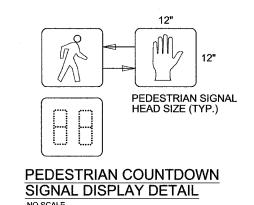




#### TEXT SPECIFICATIONS

- · All text is 8" in height.
- Width scale of 1:1.
- Border and legend :
- 3M Diamond Grade VIP 3990 white
- Background:

EC series 1170 Green Translucent (reverse image)



POLARA NAVIGATOR ACCESSIBLE **PEDESTRIAN** PUSH BUTTON FOR STATION 5'0" 3' 4" PEDESTRIAN POST AND FOUNDATION PER HIGHWAY STANDARD 878001-04 EXCEPT SHORTEN POLE FROM 6'6" OVERALL HEIGHT TO 5'0". FINISHED GRADE -CONCRETE FOUNDATION, 12" X 36" DEPTH

MAST ARM MOUNTED STREET NAME SIGN PANEL DETAIL

## PEDESTRIAN PUSH-BUTTON POST DETAIL

NO SCALE

	LINCOLN-PENNSYLVANIA TRAFFIC SIGNAL INSTALLATION	Design/ACAD by: JLS Approved by: WRG	TRAFFIC SIGNAL DETAILS	TOTAL SHEETS	SHEET NO.
City Section 04-00396-00-TL	Date: 12/30/05	H:\jlsmith\LINCPENNSIGNAL\LincolnPenn7SignalPlan.dwg	12	12	