

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 97610		
FEDERAL AID PROJECT				

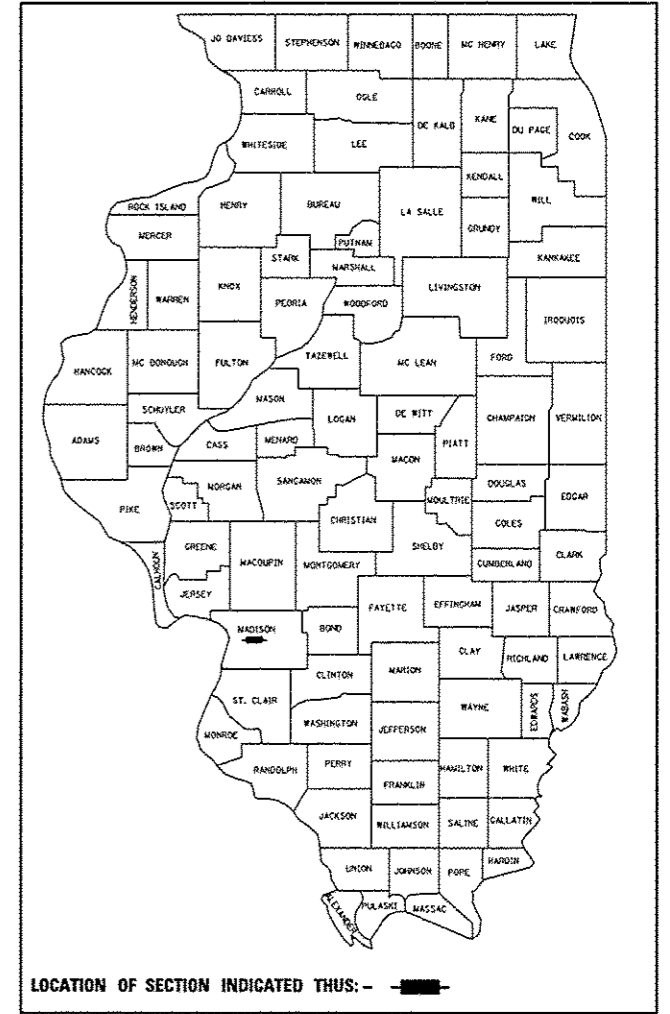
INDEX OF SHEETS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
SIDEWALK IMPROVEMENT
GRANITE CITY, ILLINOIS
SAFE ROUTES TO SCHOOL PROGRAM
SECTION NO. 11-00017-00-BT
PROJECT NO. SRTS-4009(100)
MADISON COUNTY
JOB NO. C-40-101-09

STANDARDS

STD. NO.	
000001-06	701501-06
001006	701801-05
280001-07	701901-04
420001-08	720001-01
424001-08	720006-04
424011-02	720011-01
424016-02	729001-01
424026-01	780001-05
542301-03	814001-03
542606-02	873001-02
604036-03	876001-03
606001-06	886001-01
701006-05	886006-01
701011-04	B.L.R. 14-11
701301-04	B.L.R. 17-4



BEGIN TRANSITION STA. 61 + 70.05 **END TRANSITION STA. 62 + 17.69** **END PROJECT STA. 101 + 14.07**

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

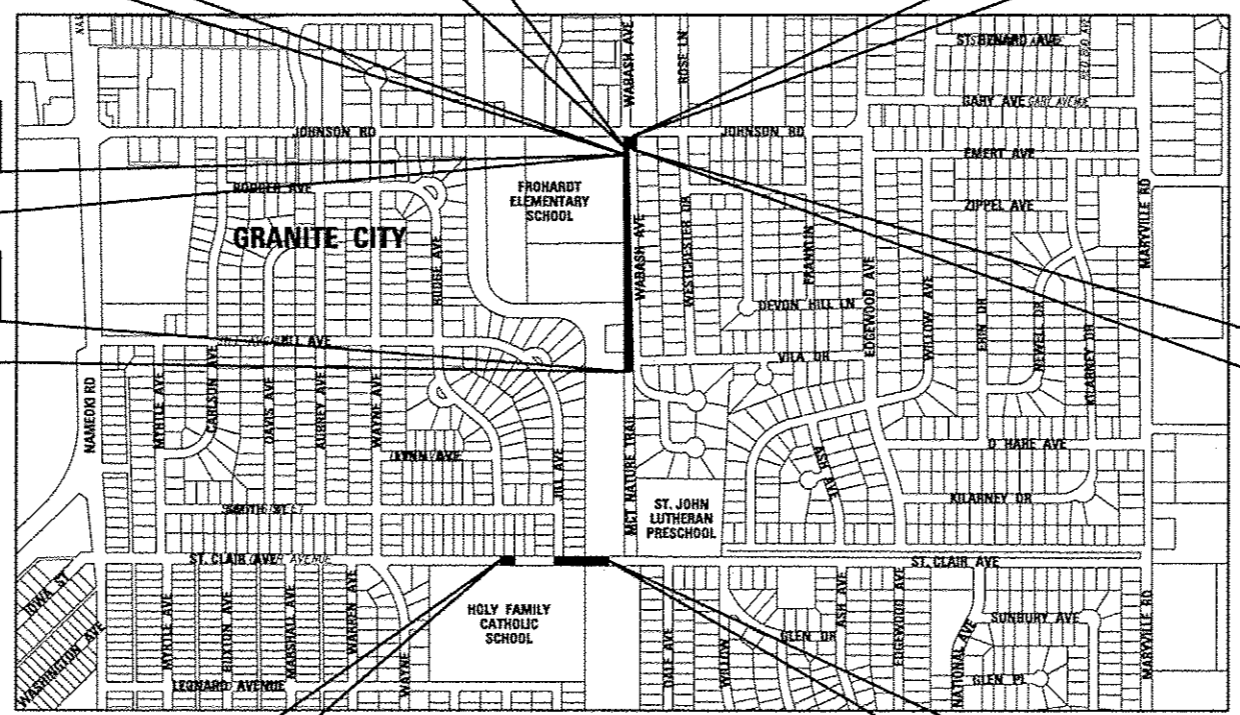
END TRAIL STA. 61 + 70.05

BEGIN TRAIL STA. 50 + 59.19

BEGIN PROJECT STA. 100 + 46.56

BEGIN PROJECT STA. 10 + 21.44

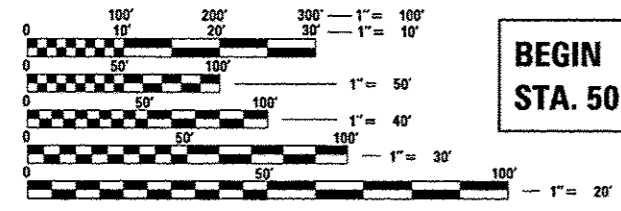
END PROJECT STA. 15 + 83.97



LOCATION MAP

SCALE: 1" = 500'

NET LENGTH OF PROJECT: 1740.9 LIN. FT. = 0.330 MILES
SECTIONS 8, 9 & 17 T. 3 N., R. 9 W., 3RD P.M.



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

DESIGN DESIGNATION FOR SAINT CLAIR AVENUE
 FUNCTIONAL CLASSIFICATION: COLLECTOR
 ADT: 6200 (2015) 6262 (2035)
 DHV (2033): 360
 DESIGN SPEED: 30 MPH

DESIGN DESIGNATION WABASH AVENUE
 FUNCTIONAL CLASSIFICATION: LOCAL STREET
 ADT: 400 (2015) 400 (2035)
 DHV (2033): 51
 DESIGN SPEED: 25 MPH

STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: *[Signature]* 10/6/15
Madison County Transit, Managing Director

Passed: *[Signature]* 10/14/15
District 8 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *[Signature]* 10/14/15
Deputy Director of Highways, Region 5 Engineer

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






























[Signature] 10/6/15
DATE

SCOTT A. SLEMER, P.E. No. 57625
Job No. E154400



2100 State Street, P.O. Box 1325 Granite City, IL 62040 618-677-1400 F. 618-452-5541
 100 North Research Drive Edwardsville, IL 62025 618-659-0900 F. 618-659-0941
 330 N. Fourth Street, Suite 200 St. Louis, MO 63102 314-241-4444 F. 314-609-1331
 Professional Design Firm License No. 184.003389

LEGEND

 5"	EVERGREEN (5" DIA)		FOUND CONCRETE MONUMENT		WATER LINE
 8"	DECIDUOUS (8" DIA)		WM WATER METER		GAS LINE
	EVERGREEN SHRUB		GM GAS METER		OVERHEAD ELECTRIC LINE
	SHRUB		WV WATER VALVE		TELEPHONE LINE
	FIRE HYDRANT		GV GAS VALVE		CABLE TV LINE
	SIGN	(TBA) TO BE ADJUSTED			STORM SEWER
	BOLLARD	(TBR) TO BE REMOVED			SANITARY SEWER
	POWER POLE	(TBR&R) TO BE REMOVED & RELOCATED			LIGHT POLE
	POWER POLE WITH DOWN GUY	(TBR&RBO) TO BE REMOVED & RELOCATED BY OTHERS			STORM SEWER MANHOLE
	FENCE	DND DO NOT DISTURB			SANITARY SEWER MANHOLE
	BENCH MARK		PROPERTY LINE		CATCH BASIN
	DITCH/SWALE		EXIST R.O.W. LINE		INLET
	EXISTING MAILBOX		WOOD POST		

GENERAL NOTES:

ILLINOIS STATE LAW REQUIRES A 48-HR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS

- CITY OF GRANITE CITY
2000 EDISON AVENUE
GRANITE CITY, IL 62040
(618) 452-6222
- ILLINOIS AMERICAN WATER COMPANY
2000 WEST 24TH STREET
GRANITE CITY, IL 62040
(618) 910-1217
ATTN: RON BEARD
- AMEREN IP
2600 NORTH CENTER STREET
P.O. BOX 378, MC Q-10
MARYVILLE, IL 62062
(618) 346-1236
ATTN: MARK HOLDNER
- AMEREN IP
2600 NORTH CENTER STREET
P.O. BOX 378, MC Q-10
MARYVILLE, IL 62062
(618) 346-1215
ATTN: BRIAN HOFF
- MADISON CO. SPECIAL SERVICES
AREA NO. 1
301 E CHAIN OF ROCKS ROAD
GRANITE CITY, IL 62040
(618) 931-3400
ATTN: RALPH BURNETT, JR.
- ILLINOIS CONSOLIDATED TELE.
121 SOUTH 17TH STREET
MATTON, IL 61938
(217) 235-3311
- AT & T
203 GOETHE STREET
COLLINSVILLE, IL 62234
(618) 346-7228
ATTN: TODD ISAAK
- CHARTER COMMUNICATIONS
MAPPING & DESIGN DEPARTMENT
941 CHARTER COMMONS
TOWN & COUNTY, MO 63017
(636) 220-2114
ATTN: LARRY SAAFIR
(636) 220-2165
ATTN: STEVE GERREIN
- MCLEOD USA
ATTN: ENGINEERING DEPT.
102 EAST SHAFFER STREET
FORSYTH, IL 62535
(217) 876-7194 EXT. 240
ATTN: MARK MILLS
- CENTERPOINT ENERGY
MISSISSIPPI RIVER TRANSMISSION AGENCY
1600 SOUTH BRENTWOOD BOULEVARD
SAINT LOUIS, MO 63144
(314) 991-7320
- EXPLORER PIPELINE
P.O. BOX 115
HARTFORD, IL 62048
(618) 251-0250

THE CONTRACTOR SHALL ADJUST WATER VALVES, AND OTHER ITEMS LOCATED WITHIN THE EXISTING ROADWAY TO MATCH THE PROPOSED ROADWAY AND OR SIDEWALK SURFACE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

A CURB RAMP SHALL BE CONSTRUCTED AT ALL INTERSECTIONS WHERE SIDEWALK IS PRESENT. RAMP SHALL BE CONSTRUCTED ACCORDING TO HIGHWAY STANDARD 42400L, 42401L, OR AS SHOWN ON THE PLANS.

CHANGES IN THE VERTICAL OR HORIZONTAL DIMENSIONS OF GUTTERS, CURBS, OR CURB AND GUTTERS, WHEN TRANSITIONS FROM ONE TYPE TO ANOTHER AS SHOWN IN THE PLANS, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR THE TYPE DESIGNATED IN THE PLAN SCHEDULE.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

WHERE PROPOSED CONCRETE PAVEMENT OR PCC CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT OR PCC CURB AND GUTTER, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6 X 30 EPOXY COATED TIE BARS AT 30" CENTERS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF PCC PAVEMENT 8" OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE REMOVAL OF ANY CURB/CURB AND GUTTER SHALL ALSO INCLUDE THE DISCONNECTION OF THE EXISTING CURB/CURB AND GUTTER FROM ANY REINFORCEMENT OR COLLATERAL MATERIAL THAT MAY BE PRESENTLY ATTACHED. THERE SHALL NOT BE ANY ADDITIONAL REMUNERATION BUT THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE REMOVAL ITEM.

AN ESTIMATED QUANTITY OF 50 TONS OF "TEMPORARY AGGREGATE" HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDEWALKS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

THE RELOCATION OF SIGNS WITHIN PROPOSED SIDEWALK SHALL BE PERFORMED AS A PART OF CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FOLLOWING CONSTANTS WERE USED IN THE CALCULATION OF QUANTITIES FOR THIS PROJECT:

NITROGEN FERTILIZER NUTRIENTS	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENTS	90 LBS/ACRE
HOT-MIX ASPHALT	112 LBS/S.Y./INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.025 LB/S.F. (FOG COAT BETWEEN HMA LIFTS)
	0.05 LB/S.F. (PAVED SURFACE)
	0.25 LB/S.F. (AGGREGATE SURFACE)
GRANULAR MATERIALS	2.05 TONS/C.Y.

EARTHWORK AND MATERIAL REQUIRED IN CONNECTION WITH EXCAVATION, EMBANKMENTS, BACKFILLING BEHIND CURBS, SIDEWALKS, AND DRAINAGE STRUCTURES, AND GRADING AND SHAPING OF AREAS DISTURBED BY THE CONTRACTOR SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO VARIOUS ITEMS OF WORK INVOLVED AND NO ADDITIONAL COMPENSATION OR REMUNERATION WILL BE ALLOWED.

"ROAD CONSTRUCTION AHEAD" SIGNS (48"X48") SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN ON-SITE INSPECTION PRIOR TO SUBMITTING A BID ON THIS PROJECT. UPON RECEIPT OF A BID, IT SHALL BE ASSUMED THAT THE CONTRACTOR IS FULLY FAMILIAR WITH THE CONSTRUCTION SITE.

ALL AREAS ADJACENT TO THE CONSTRUCTION AND WITHIN THE RIGHT-OF-WAY SHALL BE SHAPED TO DRAIN AND SEEDED WITH CLASS 2 SEEDING AND MULCH AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL PRUNE EXISTING TREES WITHIN THE PROJECT CORRIDOR BETWEEN OCTOBER 15 AND APRIL 15.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED, HOWEVER BRIEFLY.

GRANITE CITY FIRE DEPARTMENT	618-452-6231 (NON-EMERGENCY)
GRANITE CITY POLICE DEPARTMENT	618-451-9760 (NON-EMERGENCY)
MADISON COUNTY SHERIFF DEPARTMENT	618-692-4433 (NON-EMERGENCY)

COMMITMENTS:

NO COMMITMENTS

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *.
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN SECTION 8, 9 & 17 OF TOWNSHIP 3 NORTH, RANGE 9 WEST OF THE THIRD PRINCIPAL MERIDIAN.

TREES SHALL BE PRESERVED THROUGH OUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

REMOVAL OF AGGREGATE MATERIAL AND OIL AND CHIP BITUMINOUS MATERIAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE CONTRACTOR SHALL CONSTRUCT PAVEMENT SO THAT FLOW ALONG CURBS AND/OR GUTTERS IS MAINTAINED, INCLUDING FLOW THROUGH INTERSECTIONS, AROUND CURB RETURNS AND TO EXISTING INLETS.

**MADISON COUNTY MASS TRANSIT DISTRICT
SAFE ROUTES TO SCHOOL - GRANITE CITY**

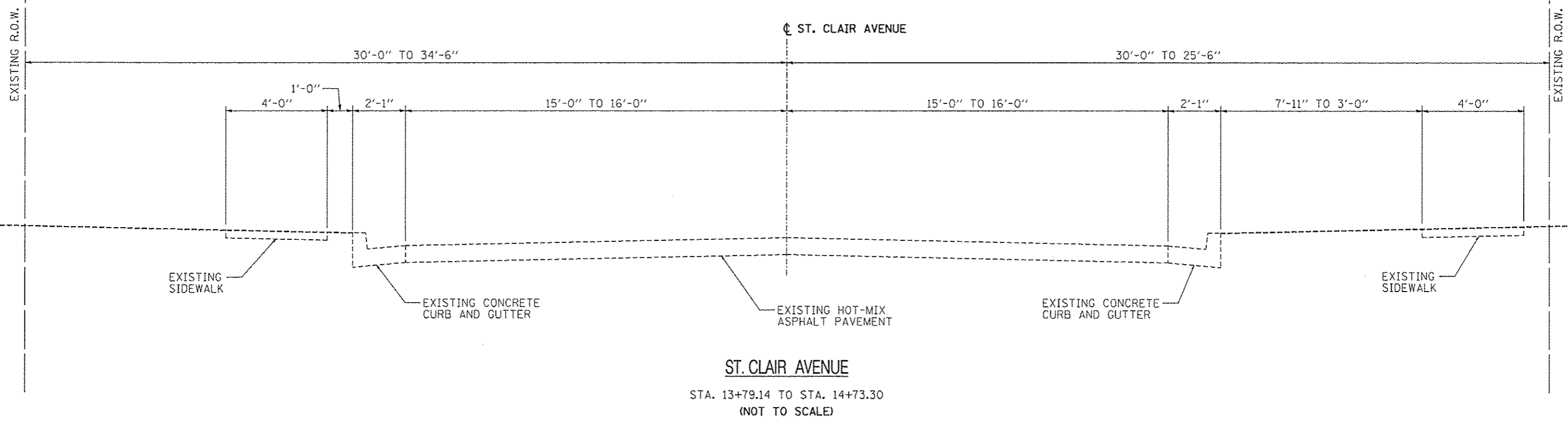
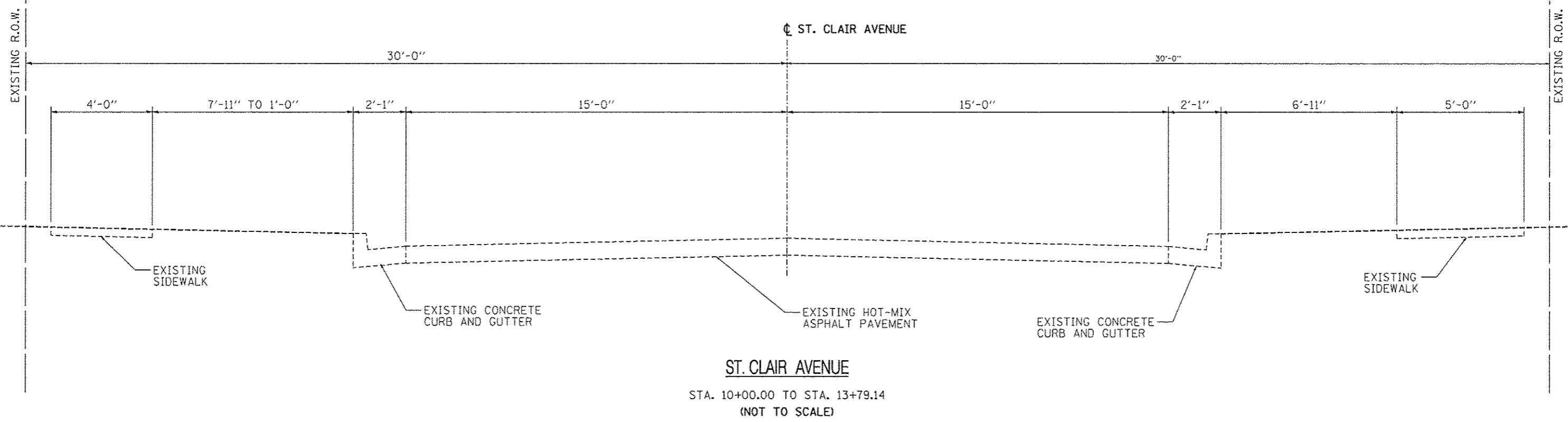
GENERAL NOTES

FILE NAME = general notes.dgn	USER NAME = Scoot	DESIGNED - SAS	REVISED -	SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JJB	REVISED -				11-00017-00-BT	MADISON	54	2	
		CHECKED - SAS	REVISED -				CONTRACT NO. 97610				
		DATE - 7/10/15	REVISED -				[ILLINOIS] FED. AID PROJECT				

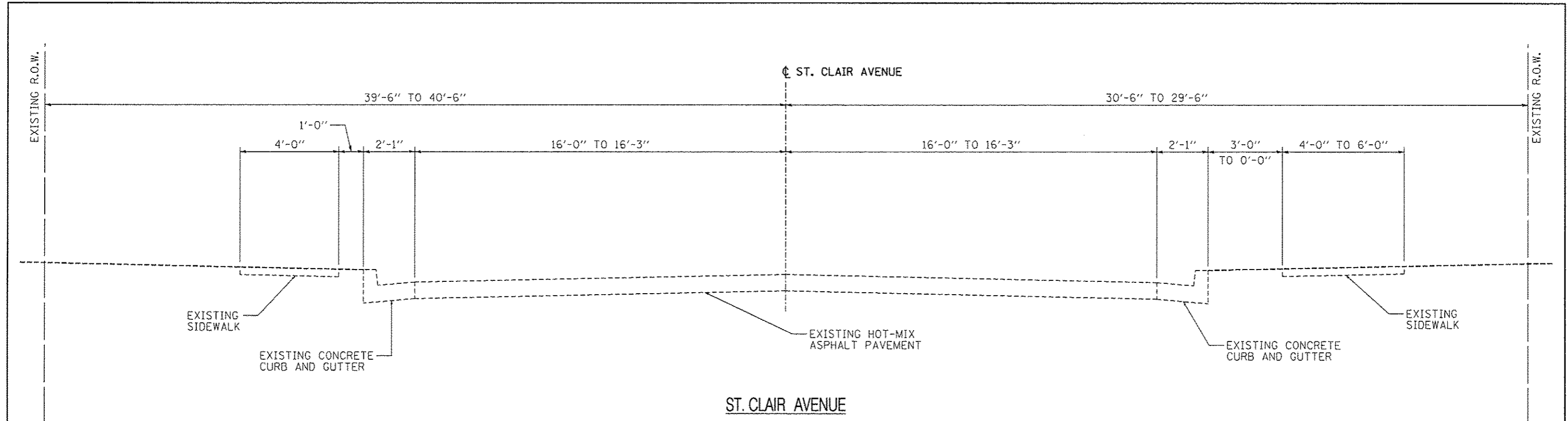
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	146
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2
20200100	EARTH EXCAVATION	CU YD	349
20800150	TRENCH BACKFILL	CU YD	3
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1438
25000200	SEEDING, CLASS 2	ACRE	0.17
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	15.3
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	15.3
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	15.3
25100115	MULCH, METHOD 2	ACRE	0.34
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	17
28000500	INLET AND PIPE PROTECTION	EACH	1
Δ 30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	1438
31001500	LIME	TON	36
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	228
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	1480
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2948
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	206
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	33
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	175
42001300	PROTECTIVE COAT	SQ YD	832
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	12
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	242
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2777
42400800	DETECTABLE WARNINGS	SQ FT	90
44000100	PAVEMENT REMOVAL	SQ YD	188
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	259

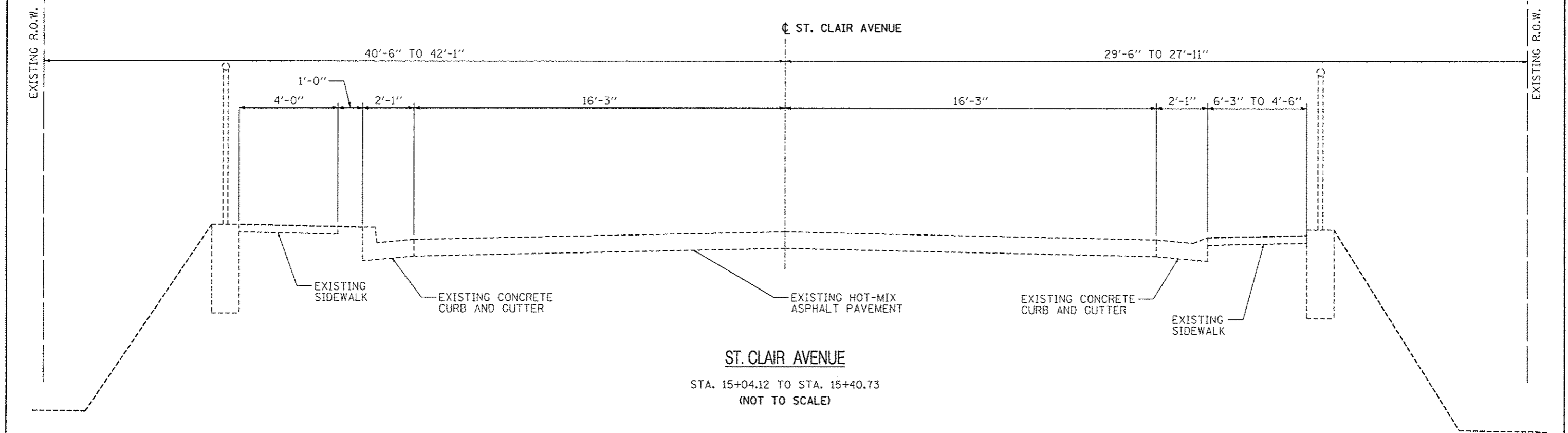
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	20
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	270
44000600	SIDEWALK REMOVAL	SQ FT	2228
50105220	PIPE CULVERT REMOVAL	FOOT	4
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
54217680	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER	EACH	1
54248510	CONCRETE COLLAR	CU YD	2
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	18
60260100	INLETS TO BE ADJUSTED	EACH	1
60402210	GRATES, TYPE 8	EACH	1
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	29
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	55
60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	30
60604700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	FOOT	202
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	40
67100100	MOBILIZATION	L SUM	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	121
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	152
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	121
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	328
72000100	SIGN PANEL - TYPE 1	SQ FT	55
72900100	METAL POST - TYPE A	FOOT	128
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	276
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	5
Δ 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	121
Δ 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	152
Δ 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	121
78300100	PAVEMENT MARKING REMOVAL	SQ FT	48
Δ 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	41



FILE NAME * Existing Typical.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	EXISTING TYPICALS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - WJB	REVISED -					11-00017-00-BT	MADISON	54	5	
	PLOT DATE = 10/5/2015	DATE - 7/10/15	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

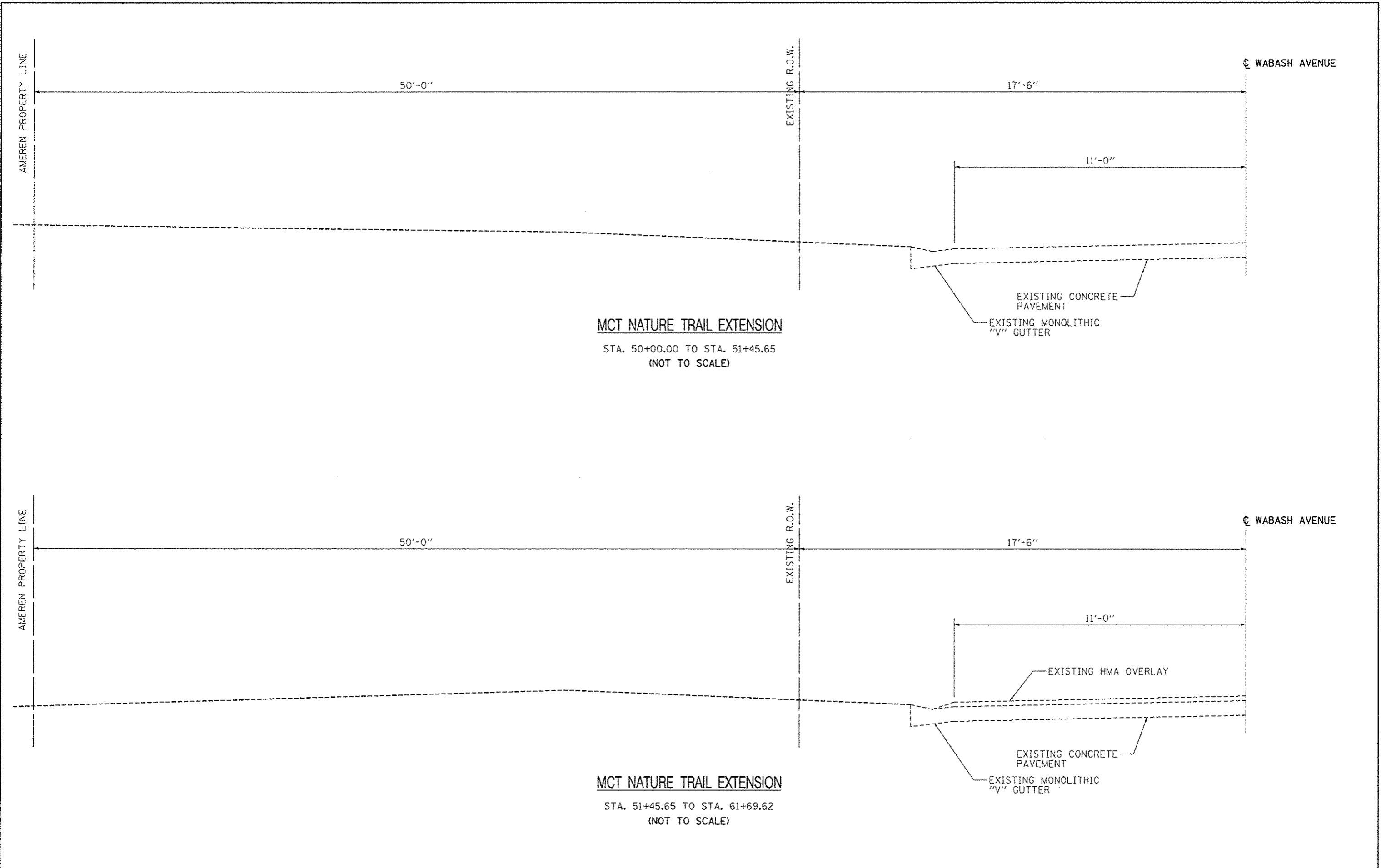


ST. CLAIR AVENUE
 STA. 14+73.30 TO STA. 15+04.12
 STA. 15+40.73 TO STA. 15+84.54
 (NOT TO SCALE)



ST. CLAIR AVENUE
 STA. 15+04.12 TO STA. 15+40.73
 (NOT TO SCALE)

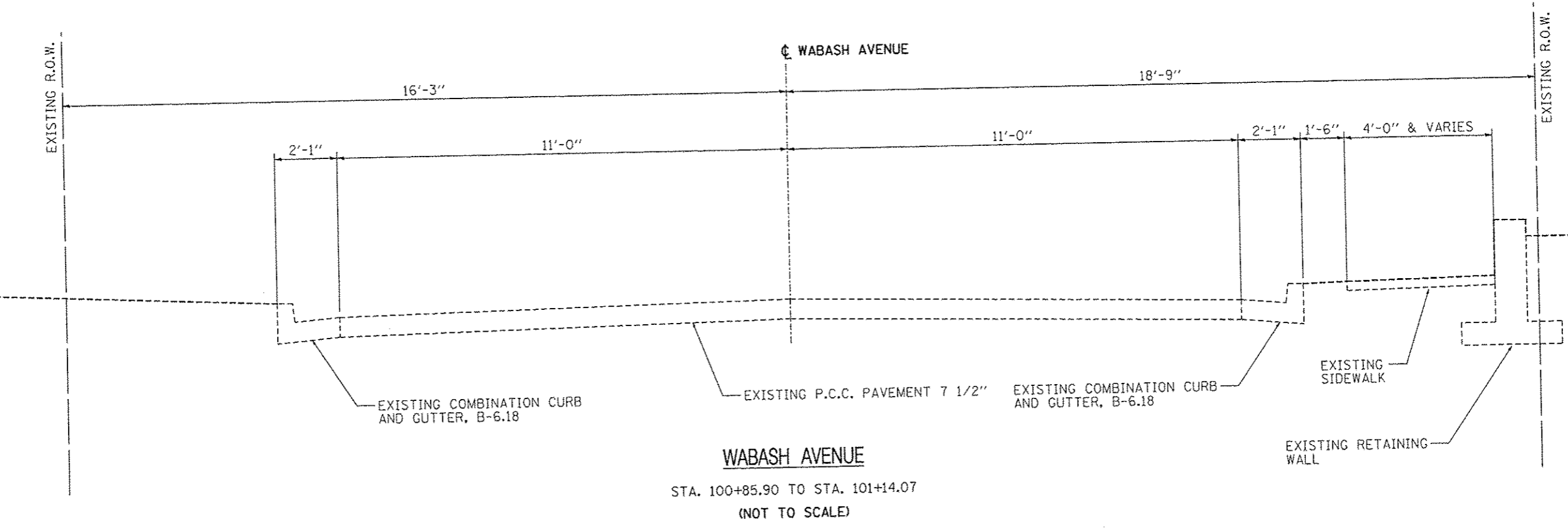
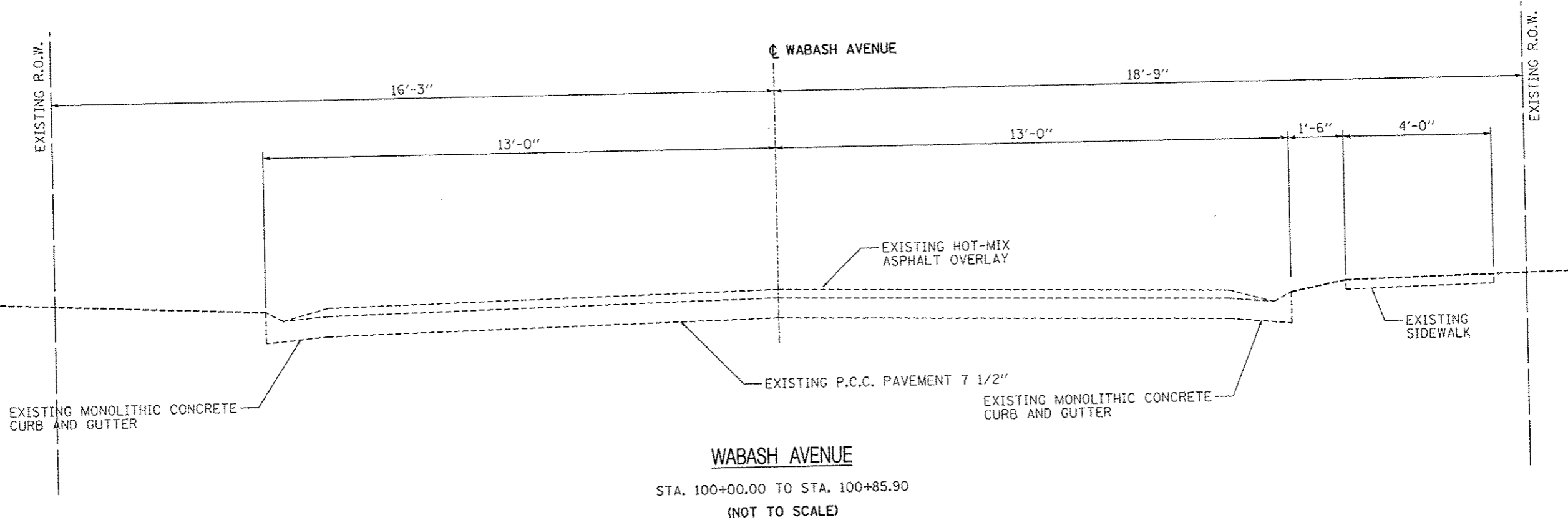
FILE NAME = Existing typicol.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	EXISTING TYPICALS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SAS	REVISED -		11-00017-00-BT	MADISON	54	6				
	PLOT DATE = 10/15/2015	CHECKED - WJB	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 97610			
	DATE - 7/10/15	REVISIED -	REVISED -		ILLINOIS FED. AID PROJECT							



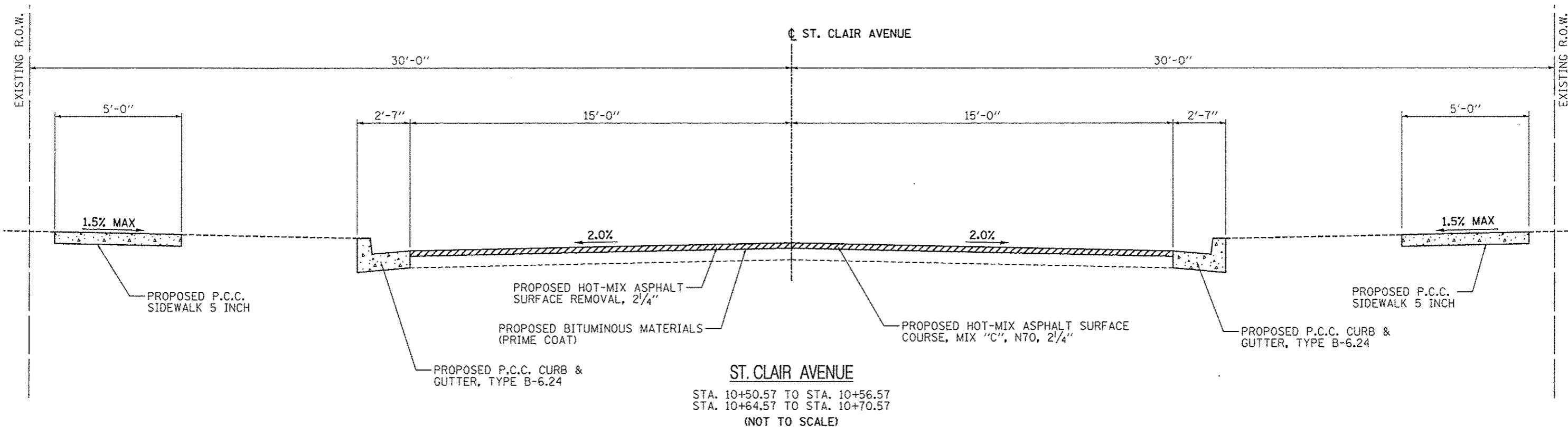
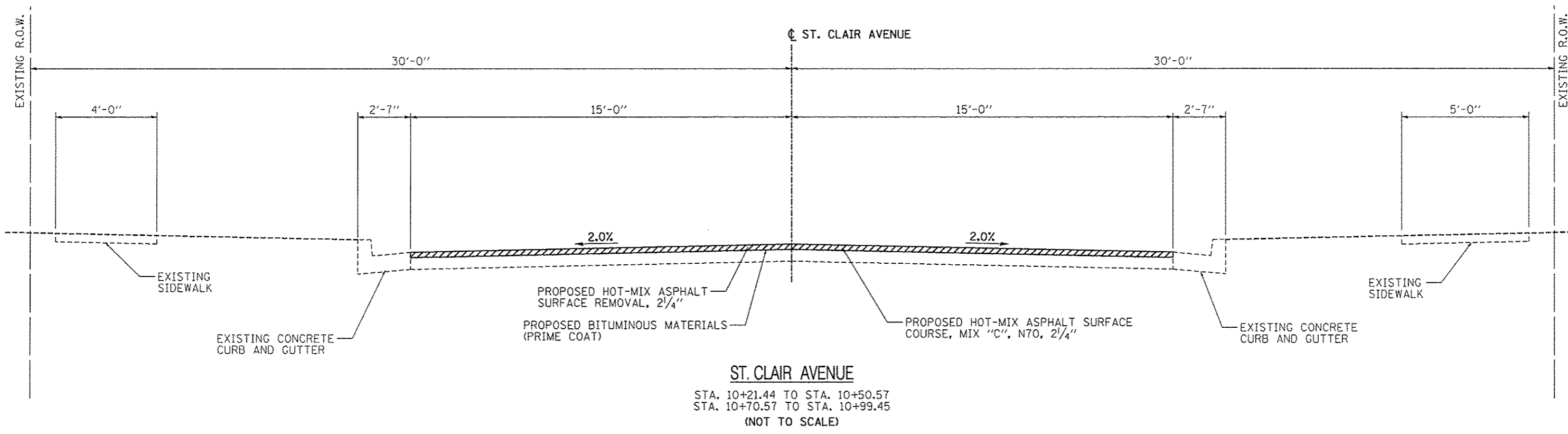
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 (NOT TO SCALE)

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 (NOT TO SCALE)

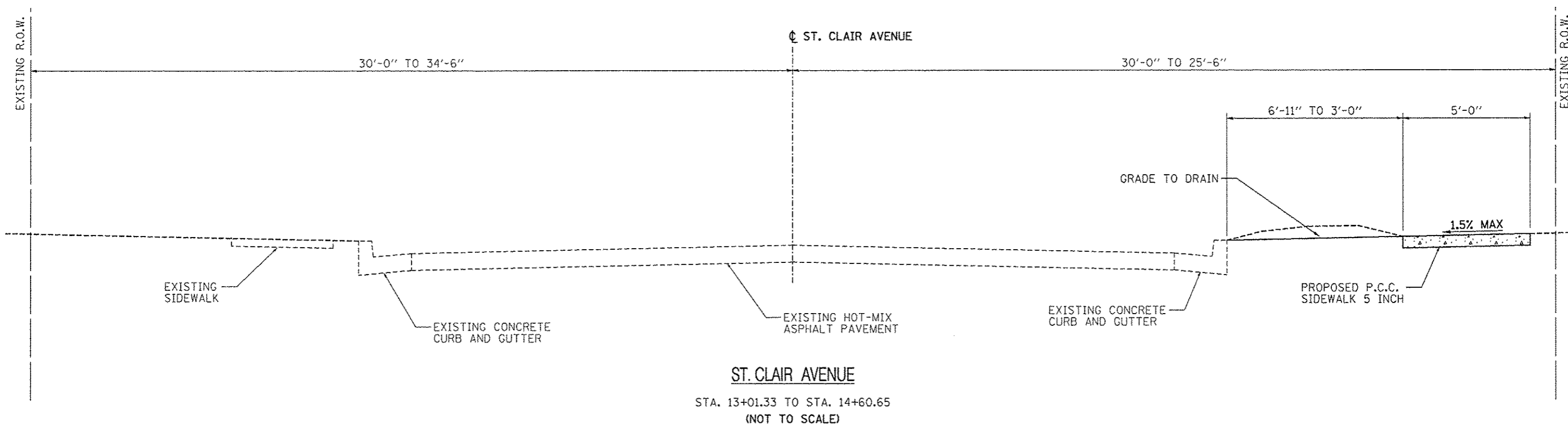
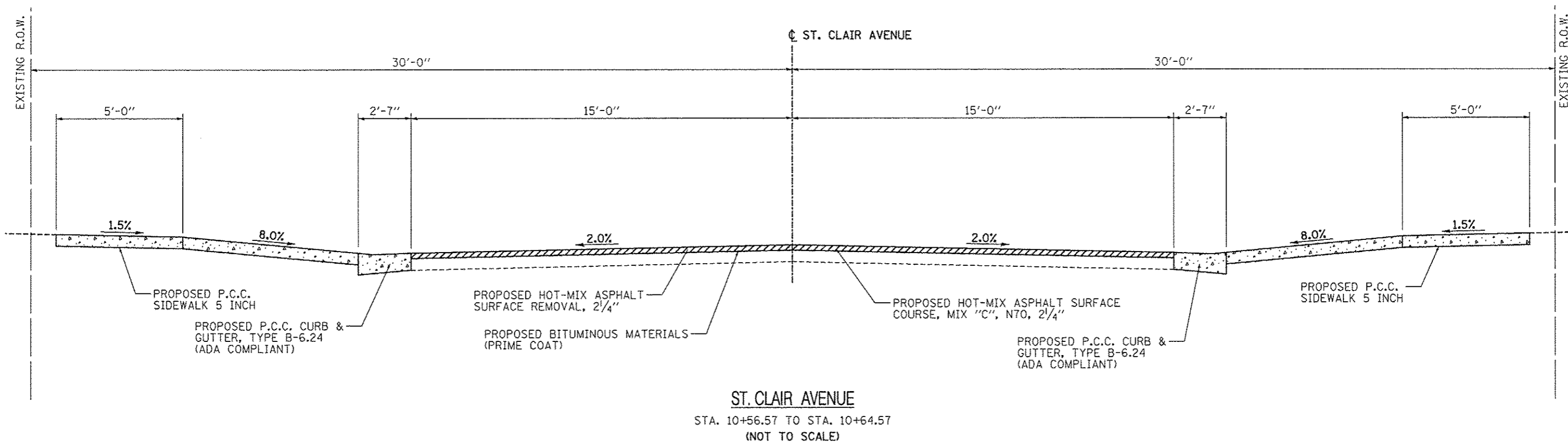
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	PLOT SCALE = #SCALE#	CHECKED - WJB	REVISED -		11-00017-00-BT	MADISON	54	7				
	PLOT DATE = 10/5/2015	DATE - 7/10/15	REVISED -		SCALE: N.T.S.	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 97610					



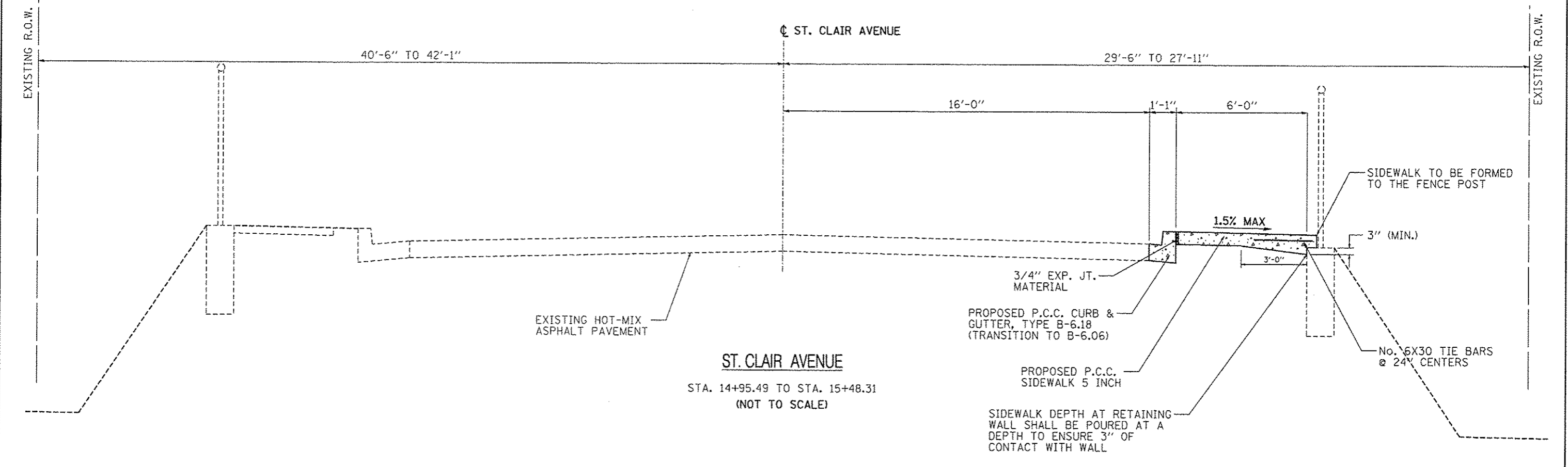
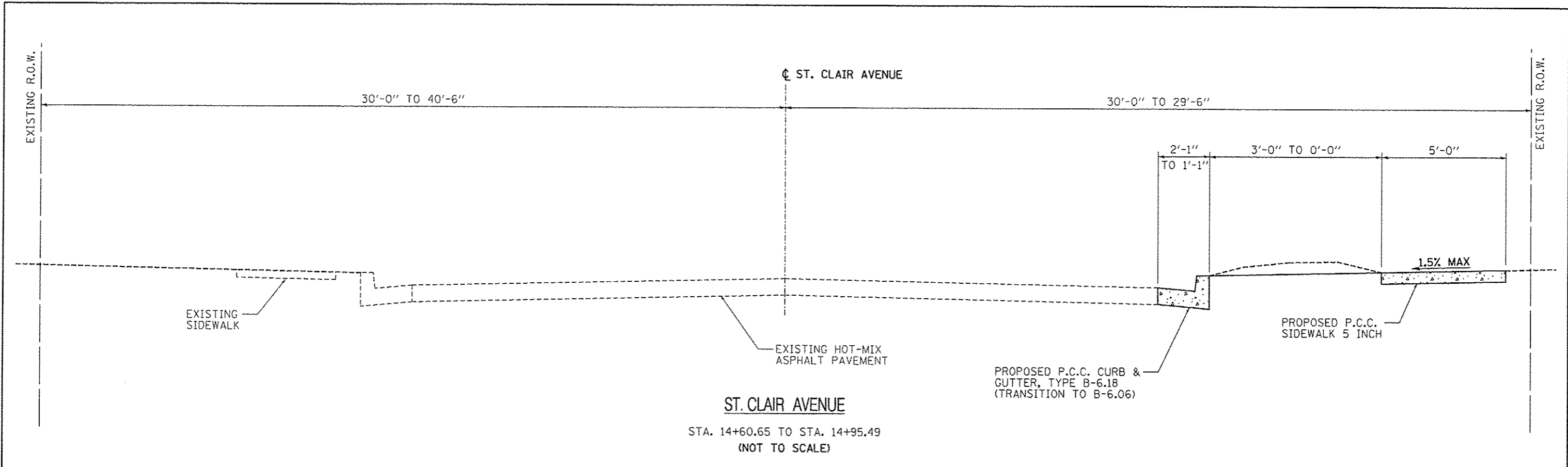
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PLOT DATE * 10/6/2015	CHECKED - WJB	DATE - 7/10/15	REVISED -				ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 97610				



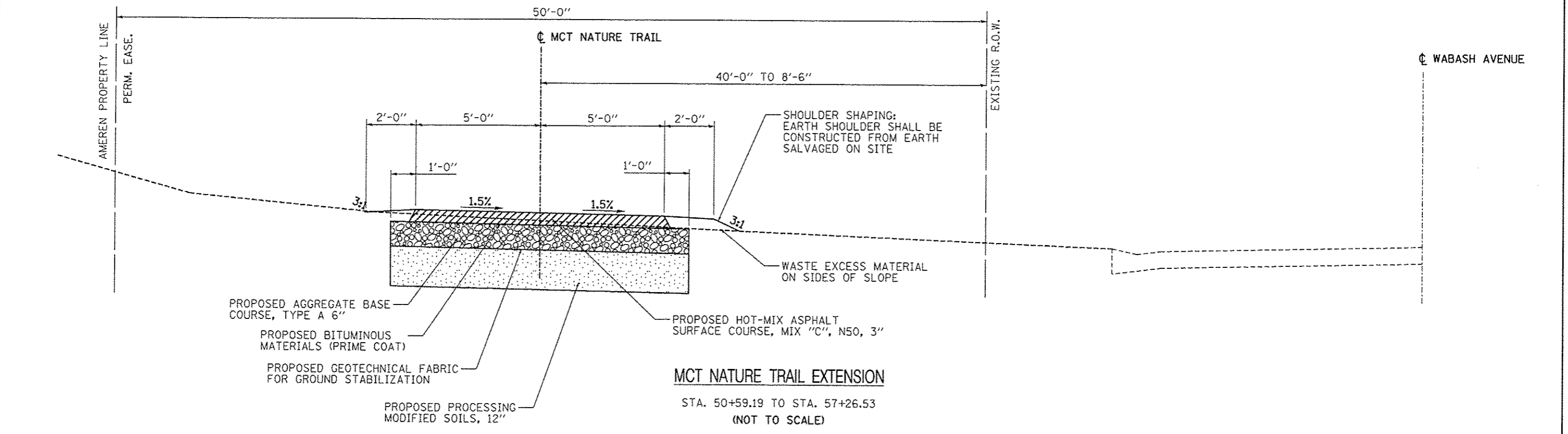
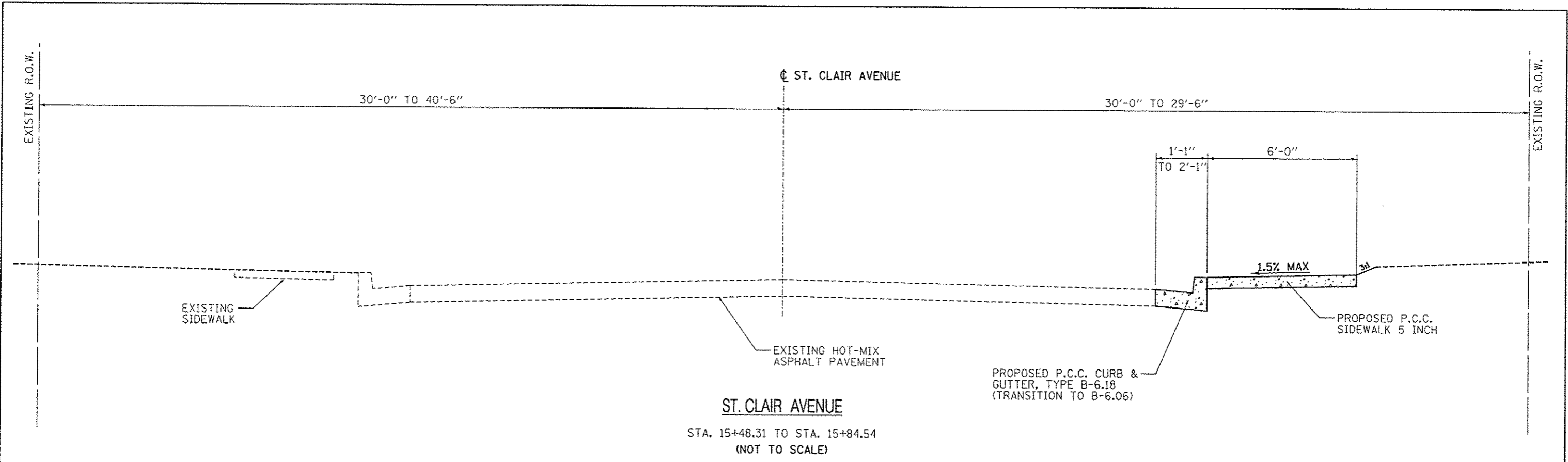
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		DRAWN - SAS	REVISED -		SCALE: N.T.S. SHEET NO. 1 OF 6 SHEETS STA. TO STA.			11-00017-00-BT	MADISON	54	9	
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		DATE - 7/10/15	REVISED -					ILLINOIS FED. AID PROJECT				



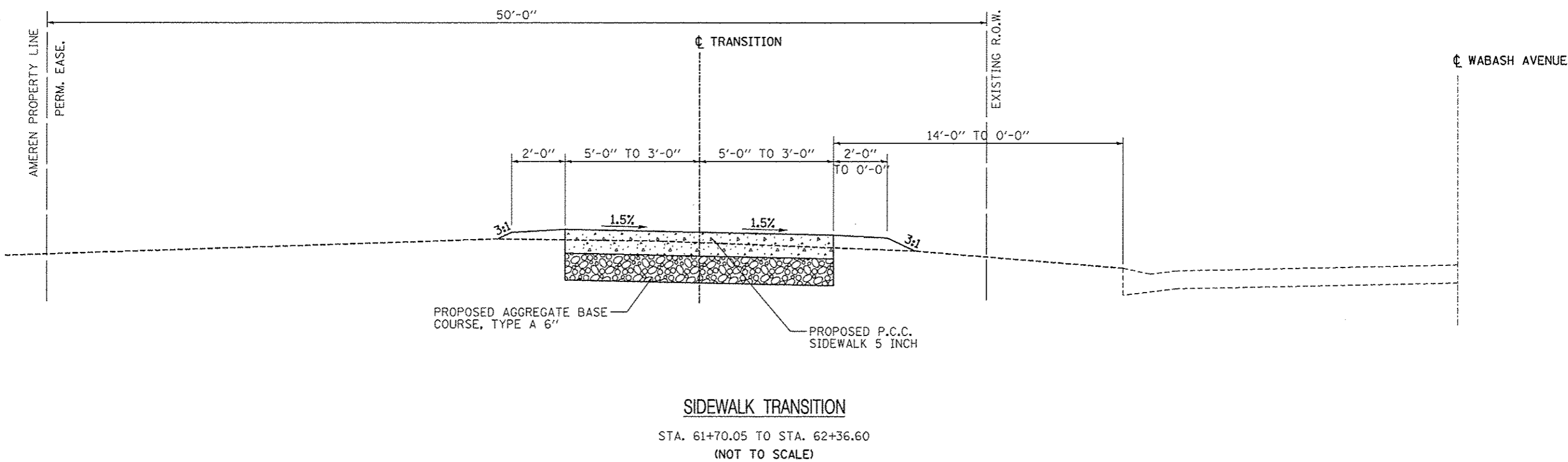
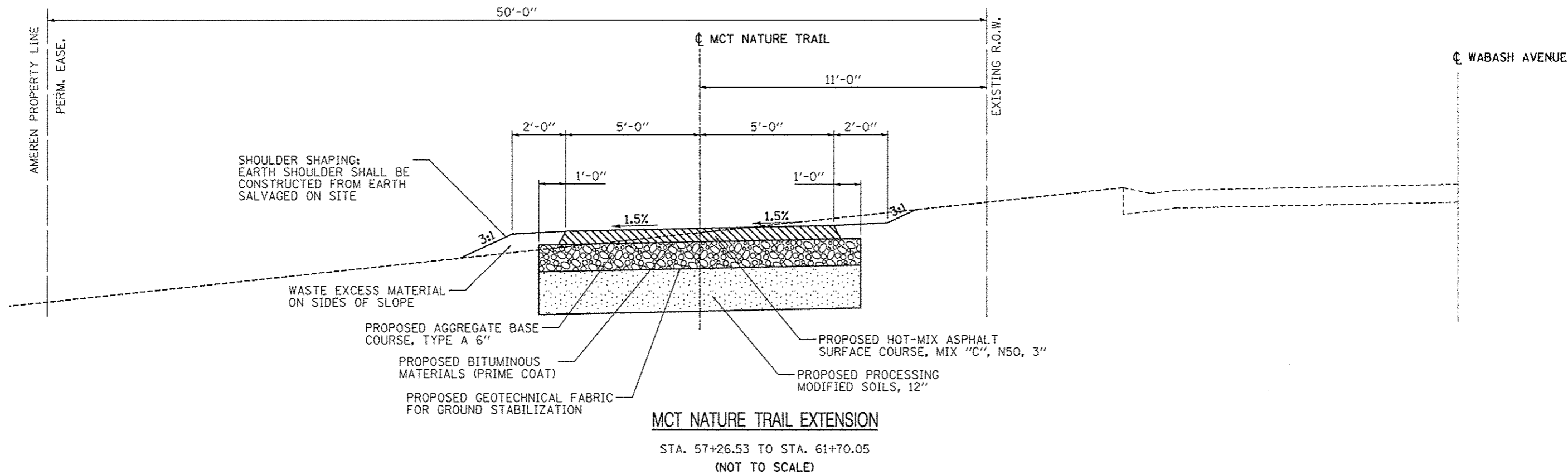
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		DRAWN - SAS	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 97610			
		CHECKED - WJB	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 7/10/15	REVISED -									



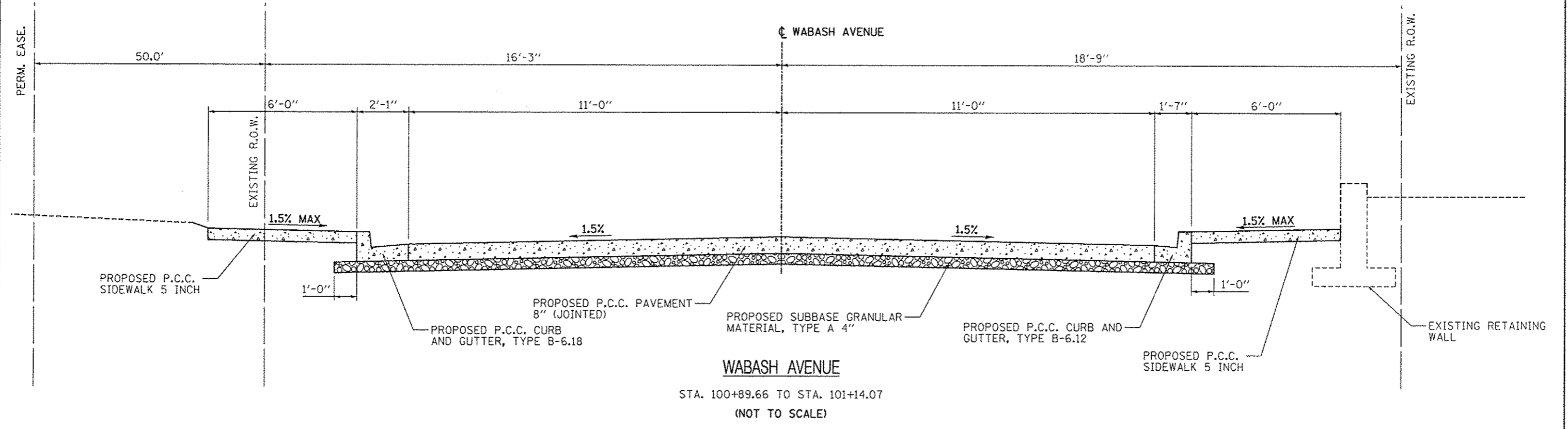
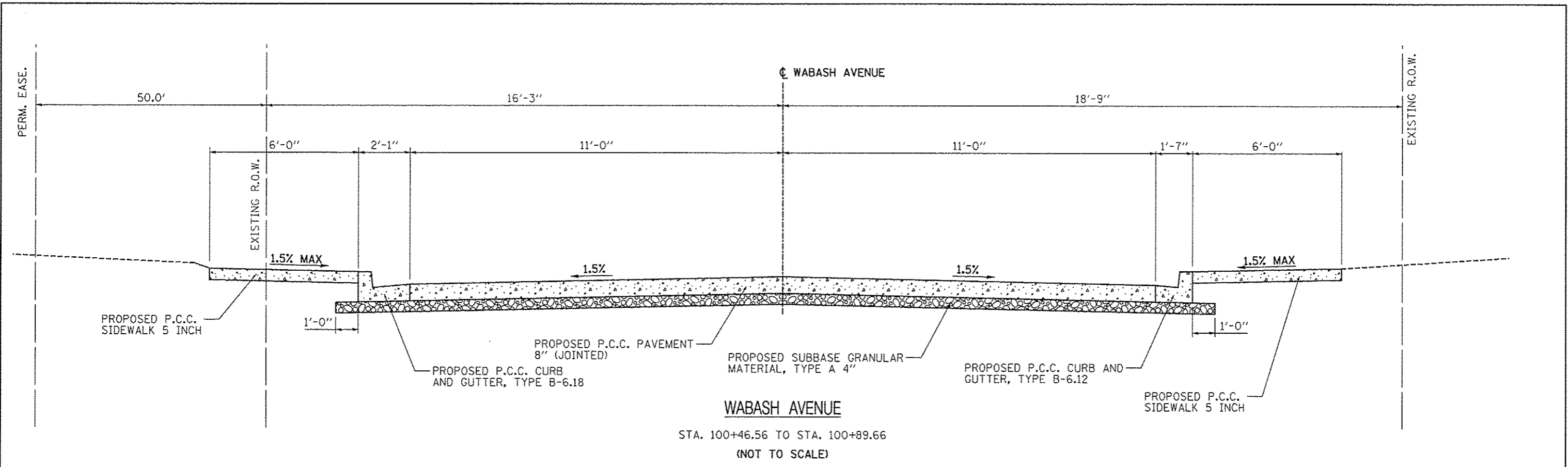
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		CHECKED - WJB	REVISED -		CONTRACT NO. 97610							
		DATE - 7/10/15	REVISED -		ILLINOIS FED. AID PROJECT							



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		DATE - 7/10/15	REVISED -		[ILLINOIS] FED. AID PROJECT								



FILE NAME = Existing typical.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PROPOSED TYPICALS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SAS	REVISED -		SCALE: N.T.S.	SHEET NO. 5 OF 6 SHEETS	STA.	TO STA.	11-00017-00-BT	MADISON	54	13
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		DATE - 7/10/15	REVISED -						ILLINOIS FED. AID PROJECT			



FILE NAME * Existing typicool.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PROPOSED TYPICALS				F.A. RTE.	SECTION 11-00017-00-BT	COUNTY MADISON	TOTAL SHEETS 54	SHEET NO. 14
		DRAWN - SAS	REVISED -		SCALE: N.T.S. SHEET NO. 6 OF 6 SHEETS STA. TO STA.				CONTRACT NO. 97610				
		CHECKED - WJB	REVISED -		[ILLINOIS] FED. AID PROJECT								
		DATE - 7/10/15	REVISED -										

DRAINAGE SCHEDULE

STRUCTURE ID	LOCATION	PRECAST REINFORCED CONCRETE FLARED END SECTION 24" (EACH)	REINFORCED CONCRETE PIPE TEE 24" PIPE WITH 24" RISER (EACH)	CONCRETE COLLAR (CU YD)	TYPE B GRATE (EACH)
	WABASH AVENUE			1.50	
I-1	STA. 55+53.44 - 12.78 RT		1		1
F-1	STA. 55+53.45 - 9.78' RT				
	STA. 55+53.28 - 17.12' LT	1			
TOTAL		1	1	2	1

PIPE CULVERT SCHEDULE

STRUCTURE ID	LOCATION	PIPE CULVERTS CLASS A TYPE 1 24" (FOOT)	TRENCH BACKFILL (CU YD)
	MCT NATURE TRAIL		
I-1 TO F-1	STA. 55+53.45 - 9.78' RT TO STA. 55+52.86 - 17.12' LT	18	3
TOTAL		18	3

REBUILD EXISTING HANDHOLE SCHEDULE

LOCATION	REBUILD EXISTING HANDHOLE (EACH)
WABASH AVENUE	
STA. 100+08.18 - 28.80' RT	1
TOTAL	1

INLETS TO BE ADJUSTED SCHEDULE

LOCATION	INLETS TO BE ADJUSTED (EACH)
WABASH AVENUE	
STA. 101+12.13 - 27.99' RT	1
TOTAL	1

SEEDING SCHEDULE

LOCATION	TEMPORARY EROSION CONTROL SEEDING (LB)	SEEDING CLASS 2 (ACRE)	NITROGEN FERT NUTR (LB)	PHOSPHORUS FERT NUTR (LB)	POTASSIUM FERT NUTR (LB)	MULCH METHOD 2 (ACRE)
ST CLAIR AVENUE						
STA. 10+21.44 TO STA. 15+83.97	4	0.04	3.6	3.6	3.6	0.08
MCT NATURE TRAIL						
STA. 50+59.19 TO STA. 61+70.05	11	0.11	9.9	9.9	9.9	0.22
WABASH AVENUE						
STA. 100+00.00 TO STA. 101+14.07	2	0.02	1.8	1.8	1.8	0.04
TOTAL	17	0.17	15.3	15.3	15.3	0.34

CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED) (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED) (FOOT)
ST CLAIR AVENUE					
STA. 10+50.57 - 16.95' LT TO STA. 10+70.57 - 17.04' LT	20.0				
STA. 10+50.47 - 16.94' RT TO STA. 10+70.47 - 16.86' RT	20.0				
STA. 13+54.10 - 16.28' RT TO STA. 13+81.75 - 16.72' RT		27.0			
STA. 14+60.69 - 17.49' RT TO STA. 15+29.19 - 16.94' RT		68.5			
STA. 15+29.19 - 16.94' RT TO STA. 15+57.88 - 17.05' RT			28.7		
STA. 15+57.88 - 17.05' RT TO STA. 15+83.97 - 18.07' RT		26.7			
WABASH AVENUE					
STA. 100+41.24 - 12.57' RT TO STA. 100+70.78 - 12.00' RT					29.6
STA. 100+46.56 - 12.50' LT TO STA. 101+13.14 - 31.82' LT		80.1			
STA. 100+70.78 - 12.00' RT TO STA. 101+11.89 - 31.51' RT			55.1		
TOTAL	40	202	29	55	30

INLET AND PIPE PROTECTION SCHEDULE

LOCATION	INLET AND PIPE PROTECTION (EACH)
WABASH AVENUE	
STA. 55+53.45 - 9.78' RT	1
TOTAL	1

4" PAVEMENT MARKING SCHEDULE

LOCATION	PAINT PAVEMENT MARKINGS, 4" YELLOW "3'-9' SKIP-DASH" (FOOT)	PREFORMED PLASTIC PAVEMENT MARKINGS, INLAID, 4" YELLOW "DOUBLE CENTERLINE" (FOOT)	PREFORMED PLASTIC PAVEMENT MARKINGS, INLAID, 4" YELLOW "10'-30' SKIP-DASH" (FOOT)
MCT NATURE TRAIL STA. 50+64.59 TO STA. 61+70.05	276		
WABASH AVENUE STA. 100+46.56 TO STA. 100+97.20		101	
ST. CLAIR AVENUE STA. 10+21.44 TO STA. 10+99.44			20
TOTAL	276	101	20

6" PAVEMENT MARKING SCHEDULE

LOCATION	PREFORMED PLASTIC PAVEMENT MARKINGS, INLAID, 6" WHITE "CROSSWALK" (FOOT)
WABASH AVENUE STA. 101+02.20 - 11.22' LT TO STA. 101+02.20 - 11.46' RT	22.6
STA. 101+10.20 - 15.34' LT TO STA. 101+02.20 - 13.20' RT	28.6
STA. 101+10.20 - 13.20' LT TO STA. 101+65.47 - 14.00' RT	55.3
STA. 101+13.64 - 19.99' RT TO STA. 101+59.55 - 20.65' RT	45.9
TOTAL	152

12" PAVEMENT MARKING SCHEDULE

LOCATION	PREFORMED PLASTIC PAVEMENT MARKINGS, INLAID, 12" WHITE "STOP LINE" (FOOT)	PREFORMED PLASTIC PAVEMENT MARKINGS, INLAID, 12" WHITE "CROSSWALK" (FOOT)	PAINT PAVEMENT MARKINGS, 12" WHITE "STOP LINE" (FOOT)
ST CLAIR AVENUE STA. 10+26.44 - 00.00' RT TO STA. 10+26.44 - 14.81' RT	15		
STA. 10+56.44 - 14.97' LT TO STA. 10+64.44 - 15.00' RT		80	
STA. 10+94.44 - 00.00' LT TO STA. 10+94.44 - 15.10' LT	15		
MCT NATURE TRAIL STA. 50+63.59 - 00.00' LT TO STA. 50+63.59 - 5.00' LT			5
WABASH AVENUE STA. 100+98.20 - 00.00' RT TO STA. 100+98.20 - 11.00' RT	11		
TOTAL	41	80	5

SIGN SCHEDULE

LOCATION	LT/RT	PROPOSED OFFSET (FOOT)	DESCRIPTION	SIGN PANEL TYPE 1 (SQ FT)	METAL POST TYPE A (FOOT)
ST CLAIR AVENUE STA. 8+56.45	RT	21.00	S1-1 (36"X36") W16-9P (24"X12")	9.0 2.0	2 @ 13.5
STA. 10+46.42	RT	21.00	S1-1 (36"X36") W16-7P (24"X12")	9.0 2.0	2 @ 13.5
STA. 10+74.43	LT	21.00	S1-1 (36"X36") W16-7P (24"X12")	9.0 2.0	2 @ 13.5
STA. 12+60.43	LT	21.00	S1-1 (36"X36") W16-9P (24"X12")	9.0 2.0	2 @ 13.5
MCT NATURE TRAIL STA. 50+63.59	LT	7.00	R1-1 (18"X18")	2.3	10.0
STA. 61+70.19	RT	11.00	SP-1 (24"X18")	3.0	10.0
TOTAL				49	128

PAVEMENT MARKING SCHEDULE

LOCATION	TYPE	PAINT PAVEMENT MARKINGS			PREFORMED PLASTIC PAVEMENT MARKINGS			TEMPORARY PAVEMENT MARKINGS		
		4" YELLOW (FOOT)	12" WHITE (FOOT)		4" YELLOW (FOOT)	6" WHITE (FOOT)	12" WHITE (FOOT)	LINE 4" (FOOT)	LINE 6" (FOOT)	LINE 12" (FOOT)
ST CLAIR AVENUE STA. 10+21.44 TO STA. 15+83.97	STOP LINE CROSSWALK SKIP DASH 10'-30'				20			20		30 80 80
MCT NATURE TRAIL STA. 50+59.19 TO STA. 61+70.05	STOP LINE SKIP DASH 3'-9'	276	5							
WABASH AVENUE STA. 100+46.56 TO STA. 101+65.47	STOP LINE CROSSWALK DOUBLE CENTERLINE				101	152	11	101	152	11
TOTAL		276	5		121	152	121	121	152	121

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL		TREE PRUNING OVER 10" DIA. (EACH)
	6" TO 15" DIAMETER (UNITS)	OVER 15" DIAMETER (UNITS)	
MCT NATURE TRAIL			
STA. 51+82.83 - 2.81' RT		60	
STA. 52+23.17 - 7.95' RT		30	
STA. 53+29.65 - 5.30' LT		20	
STA. 53+34.58 - 6.63' LT	12		
STA. 53+45.76 - 8.36' LT		18	
STA. 53+52.55 - 8.79' LT		18	
STA. 53+69.43 - 9.99' LT			1
STA. 58+07.74 - 17.37' LT			1
TOTAL	12	146	2

CURB AND GUTTER REMOVAL SCHEDULE

LOCATION	COMBINATION CURB AND GUTTER REMOVAL (FOOT)
ST. CLAIR AVENUE	
STA. 10+50.57 - 16.94' LT TO STA. 10+70.57 - 17.04' LT	20.00
STA. 10+50.47 - 16.94' RT TO STA. 10+70.47 - 16.86' RT	20.00
STA. 13+54.10 - 16.25' RT TO STA. 13+81.74 - 16.59' RT	27.02
STA. 14+60.69 - 17.51' RT TO STA. 15+83.97 - 17.96' RT	123.91
WABASH AVENUE	
STA. 100+85.28 - 10.57' RT TO STA. 101+11.91 - 31.51' RT	39.61
STA. 100+86.36 - 12.36' LT TO STA. 101+13.14 - 31.83' LT	39.25
TOTAL	270

DRIVEWAY PAVEMENT REMOVAL SCHEDULE

LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
ST CLAIR AVENUE	
STA. 13+67.58 RT	13.31
WABASH AVENUE	
STA. 100+57.13 RT	6.68
TOTAL	20

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH • EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
ST CLAIR AVENUE	22	17	2	(+) 15
MCT NATURE TRAIL	246	184	130	(+) 54
WABASH AVENUE	81	61	6	(+) 55
TOTAL	349	262	138	(+) 124

NOTE: • BASED ON 25% SHRINKAGE

PIPE CULVERT REMOVAL SCHEDULE

LOCATION	PIPE CULVERT REMOVAL 6" (FOOT)
MCT NATURE TRAIL	
STA. 55+64.11 - 8.57' RT TO STA. 55+68.09 - 8.25' RT	3.96
TOTAL	4

PAVEMENT REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL (SQ FT)
WABASH AVENUE	
STA. 100+46.56 TO STA. 101+13.60	188
TOTAL	188

PAVEMENT MARKING REMOVAL SCHEDULE

LOCATION	TYPE	PAVEMENT MARKING REMOVAL (SQ FT)
WABASH AVENUE		
STA. 101+14.16 - 13.26' RT TO STA. 101+65.47 - 14.00' RT	CROSSWALK	25.66
STA. 101+14.62 - 20.00' RT TO STA. 101+59.55 - 20.65' RT	CROSSWALK	22.47
TOTAL		48

SIDEWALK REMOVAL SCHEDULE

LOCATION	SIDEWALK REMOVAL (SQ FT)
ST CLAIR AVENUE	
STA. 10+48.59 - 25.52' LT TO STA. 10+76.72 - 25.37' LT	250.24
STA. 10+46.45 - 24.12' RT TO STA. 10+77.63 - 24.00' RT	273.56
STA. 13+01.39 - 17.30' RT TO STA. 15+83.97 - 20.30' RT	1345.44
WABASH AVENUE	
STA. 100+41.23 - 14.59' RT TO STA. 100+53.74 - 14.47' RT	47.94
STA. 101+06.83 - 15.99' LT TO STA. 101+10+96 - 29.00' LT	41.00
STA. 100+63.91 - 14.62' RT TO STA. 101+10.05 - 31.48' RT	269.52
TOTAL	2228

HOT-MIX ASPHALT SURFACE REMOVAL SCHEDULE

LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" (SQ YD)
ST CLAIR AVENUE	
STA. 10+21.44 TO STA. 10+99.45	259.1
TOTAL	259

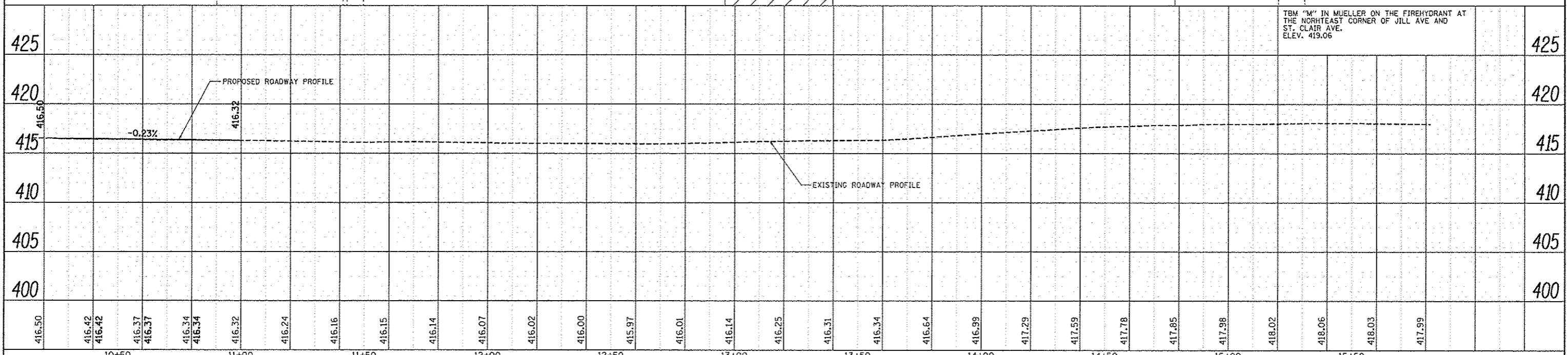
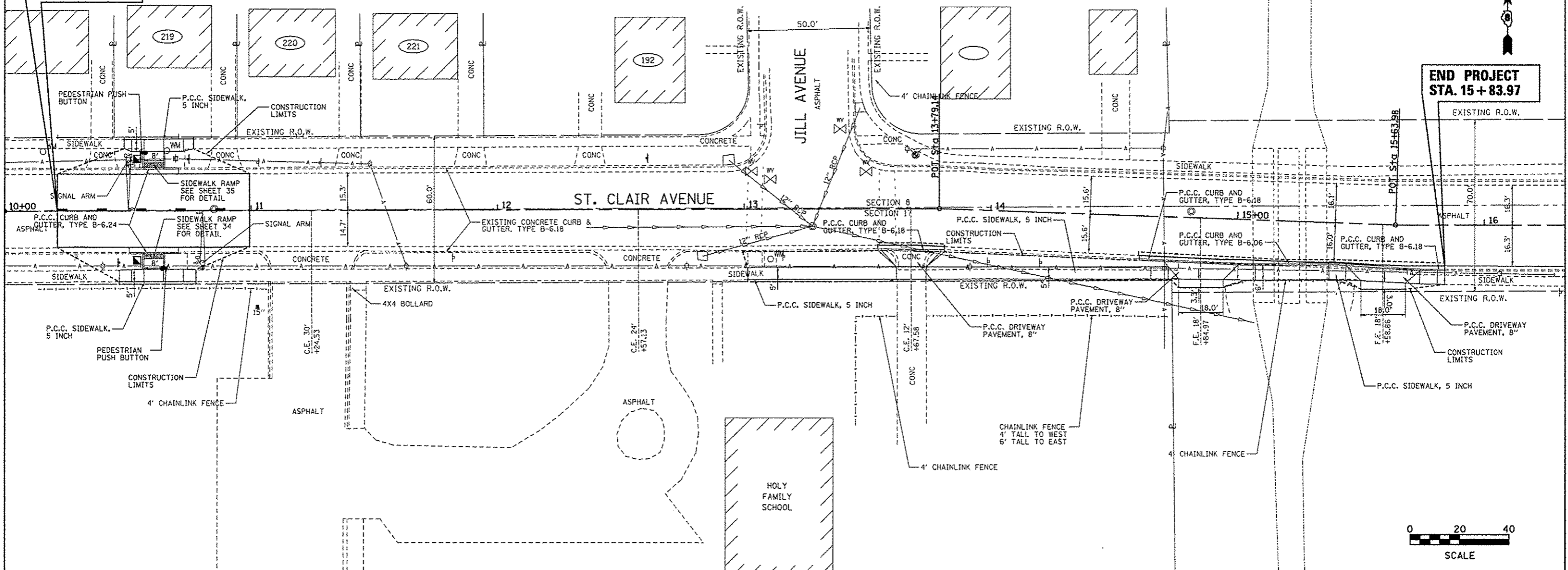
**BEGIN PROJECT
STA. 10+21.44**

**END PROJECT
STA. 15+83.97**



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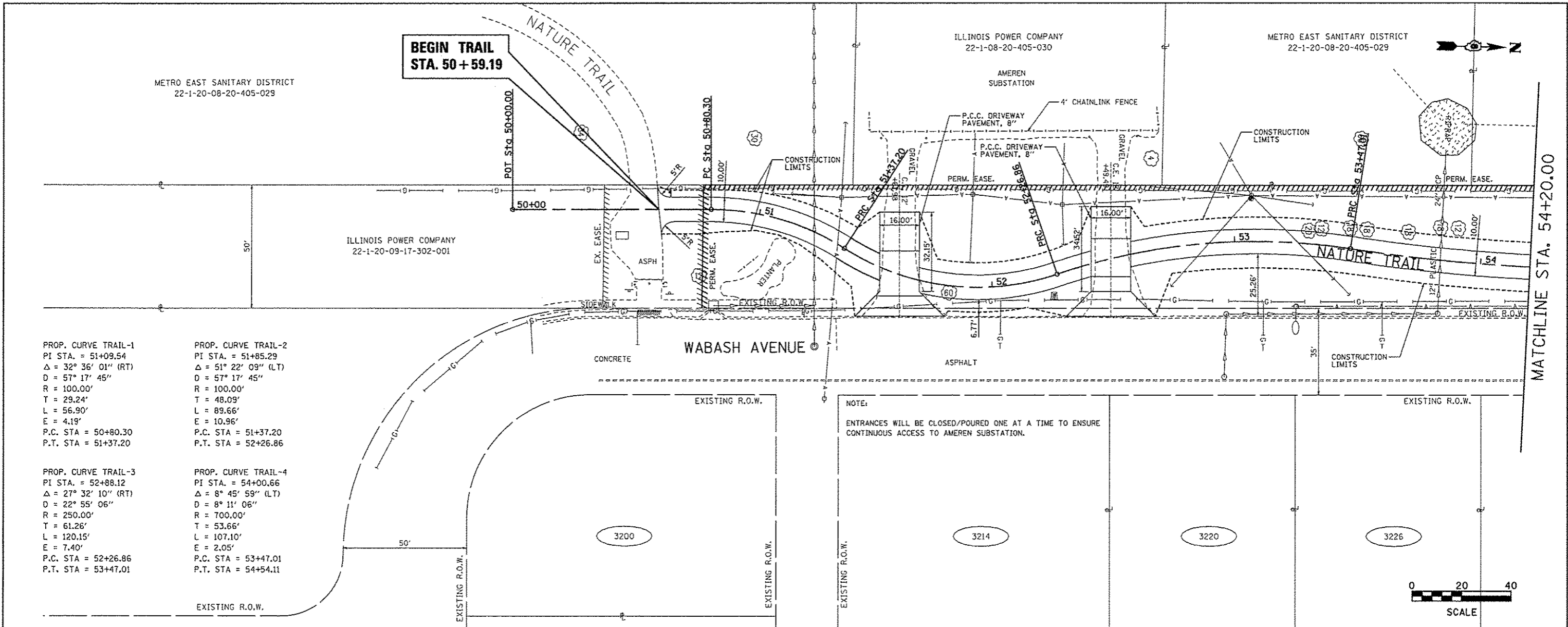
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FILE NAME	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PLAN ST. CLAIR AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN - SAS	REVISED -			11-00017-00-BT	MADISON	54	19	
PLOT SCALE = *SCALE*		CHECKED - WJB	REVISED -			CONTRACT NO. 97610				
PLOT DATE = 10/5/2015		DATE - 7/10/15	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'						SHEET 1 OF 1 SHEETS		STA. 10+00.00 TO STA. 16+30.00		

DATE	
BY	
REVISION	
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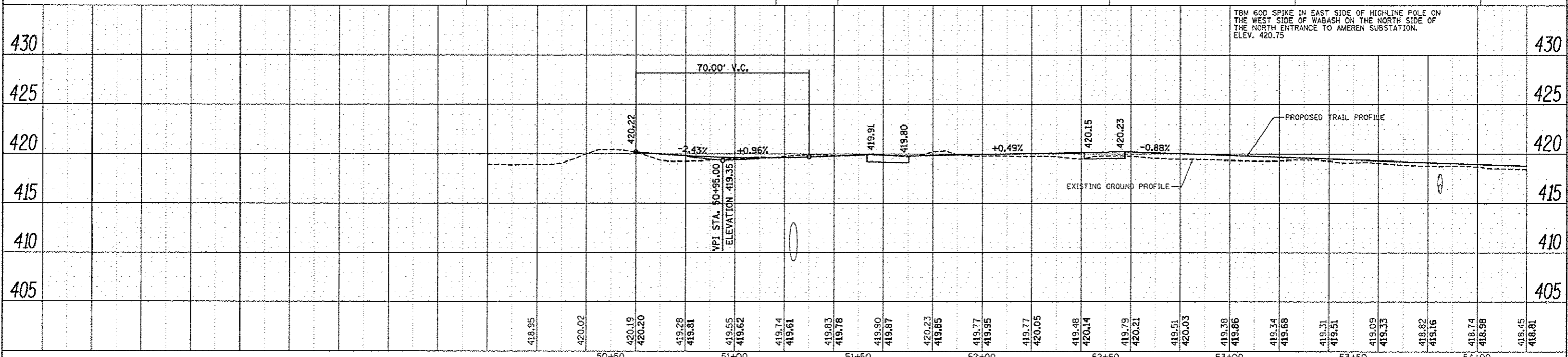
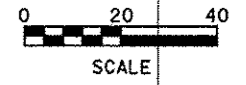
PROP. CURVE TRAIL-1
 PI STA. = 51+09.54
 $\Delta = 32^\circ 36' 01''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 29.24'$
 $L = 56.90'$
 $E = 4.19'$
 P.C. STA = 50+80.30
 P.T. STA = 51+37.20

PROP. CURVE TRAIL-2
 PI STA. = 51+85.29
 $\Delta = 51^\circ 22' 09''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 48.09'$
 $L = 89.66'$
 $E = 10.96'$
 P.C. STA = 51+37.20
 P.T. STA = 52+26.86

PROP. CURVE TRAIL-3
 PI STA. = 52+88.12
 $\Delta = 27^\circ 32' 10''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 61.26'$
 $L = 120.15'$
 $E = 7.40'$
 P.C. STA = 52+26.86
 P.T. STA = 53+47.01

PROP. CURVE TRAIL-4
 PI STA. = 54+00.66
 $\Delta = 8^\circ 45' 59''$ (LT)
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $T = 53.66'$
 $L = 107.10'$
 $E = 2.05'$
 P.C. STA = 53+47.01
 P.T. STA = 54+54.11

NOTE:
 ENTRANCES WILL BE CLOSED/POURED ONE AT A TIME TO ENSURE CONTINUOUS ACCESS TO AMEREN SUBSTATION.



FILE NAME *	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PLAN AND PROFILE NATURE TRAIL EXTENSION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - SAS	REVISED -			11-000	7-00-BT	MADISON	54	20	
#MODELNAME#		CHECKED - WJB	REVISED -			CONTRACT NO. 971610					
		DATE - 7/10/15	REVISED -			ILLINOIS FED. AID PROJECT					

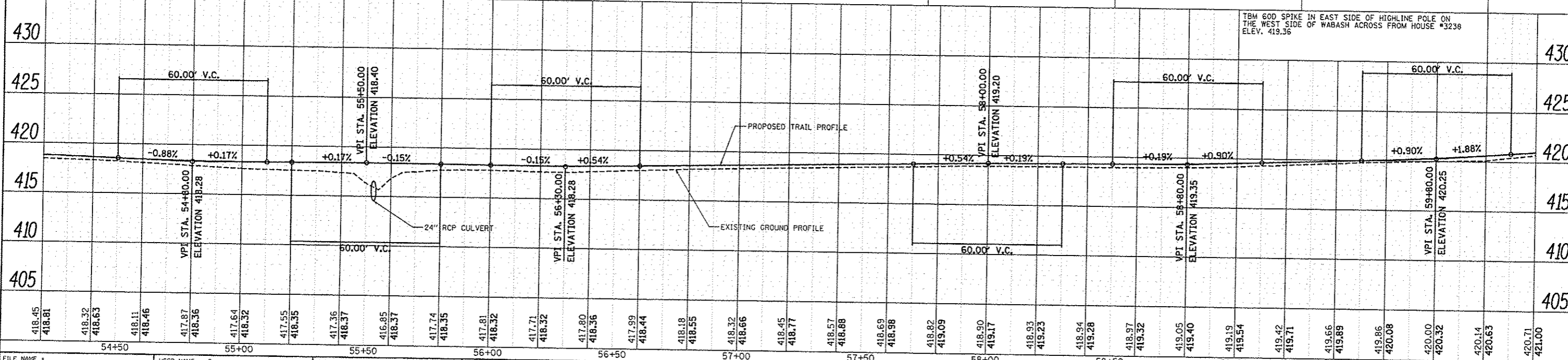
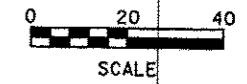
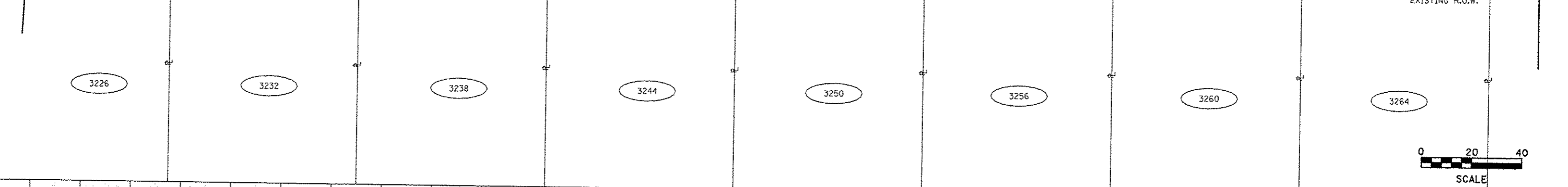
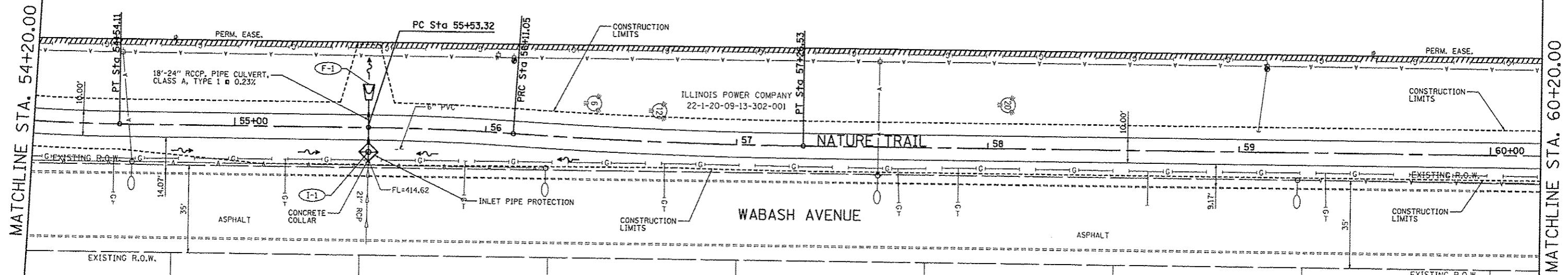
(F-1)
24" FLARED END SECTION
STA. 55+53.28, 17.12' LT
FL=414.55

(I-1)
RCP TEE, 24" WITH 24" RISER
TYPE 8 GRATE
STA. 55+53.45, 9.78' RT
TOP=417.62
FL=414.61

PROP. CURVE TRAIL-5
PI STA. = 55+82.19
 $\Delta = 3^\circ 18' 27''$ (RT)
D = 5° 43' 46"
R = 1,000.00'
T = 28.87'
L = 57.73'
E = 0.42'
P.C. STA = 55+53.32
P.T. STA = 56+11.05

PROP. CURVE TRAIL-6
PI STA. = 56+68.81
 $\Delta = 3^\circ 18' 30''$ (LT)
D = 2° 51' 53"
R = 2,000.00'
T = 57.76'
L = 115.49'
E = 0.83'
P.C. STA = 56+11.05
P.T. STA = 57+26.53

CITY OF GRANITE CITY
22-1-20-08-16-402-019/020



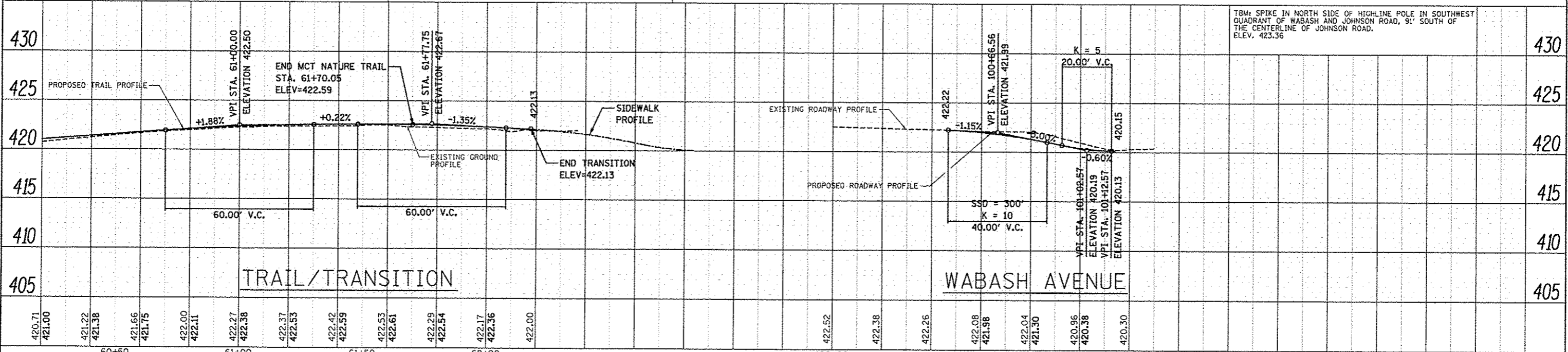
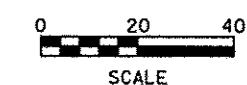
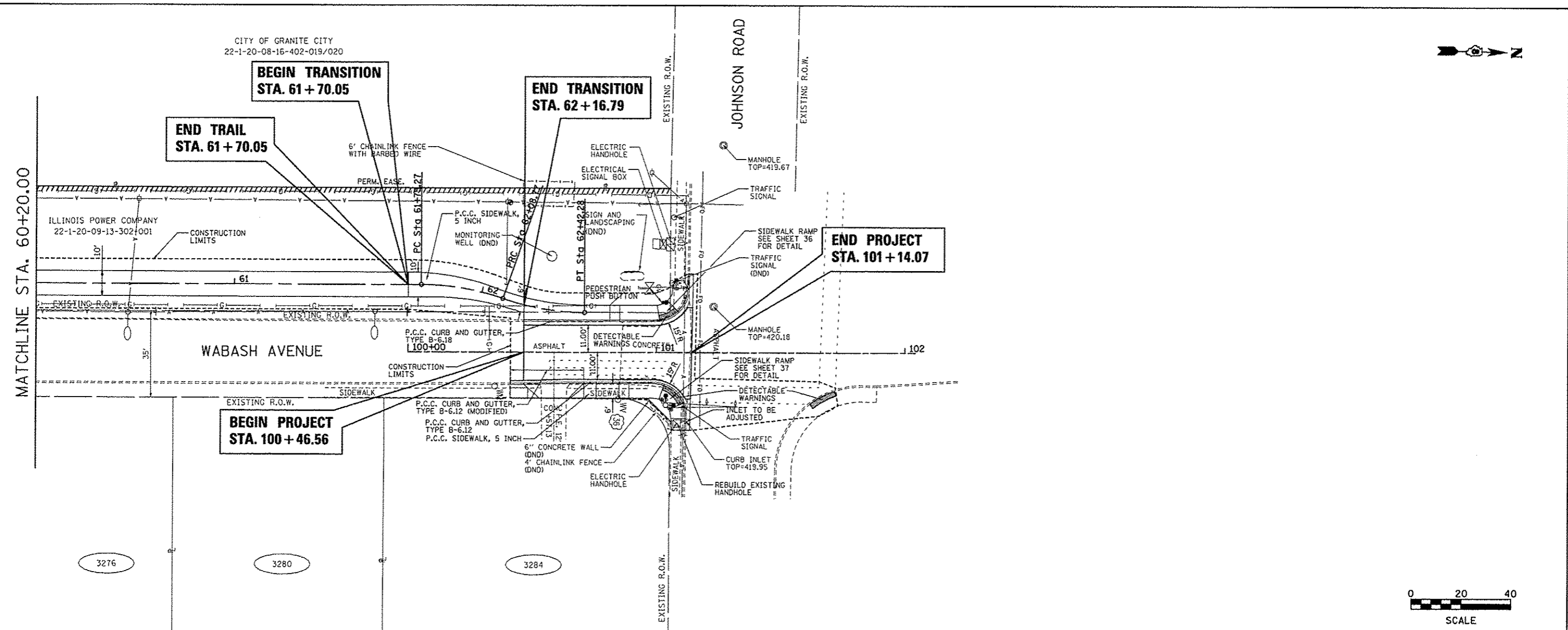
TBM 600 SPIKE IN EAST SIDE OF HIGHLINE POLE ON THE WEST SIDE OF WABASH ACROSS FROM HOUSE #3236 ELEV. 419.36

FILE NAME *	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PLAN AND PROFILE NATURE TRAIL EXTENSION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - SAS	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 3 SHEETS	STA.	11-00017-00-BT	MADISON	54	21
MODELNAME		CHECKED - WJB	REVISED -		TO STA.						
		DATE - 7/10/15	REVISED -								CONTRACT NO. 97610



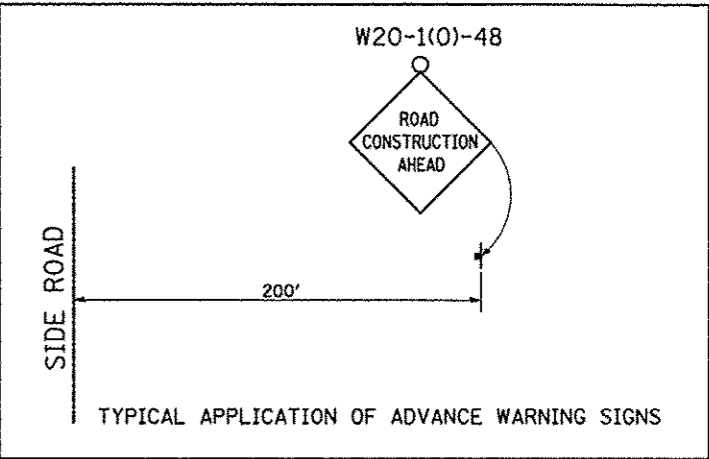
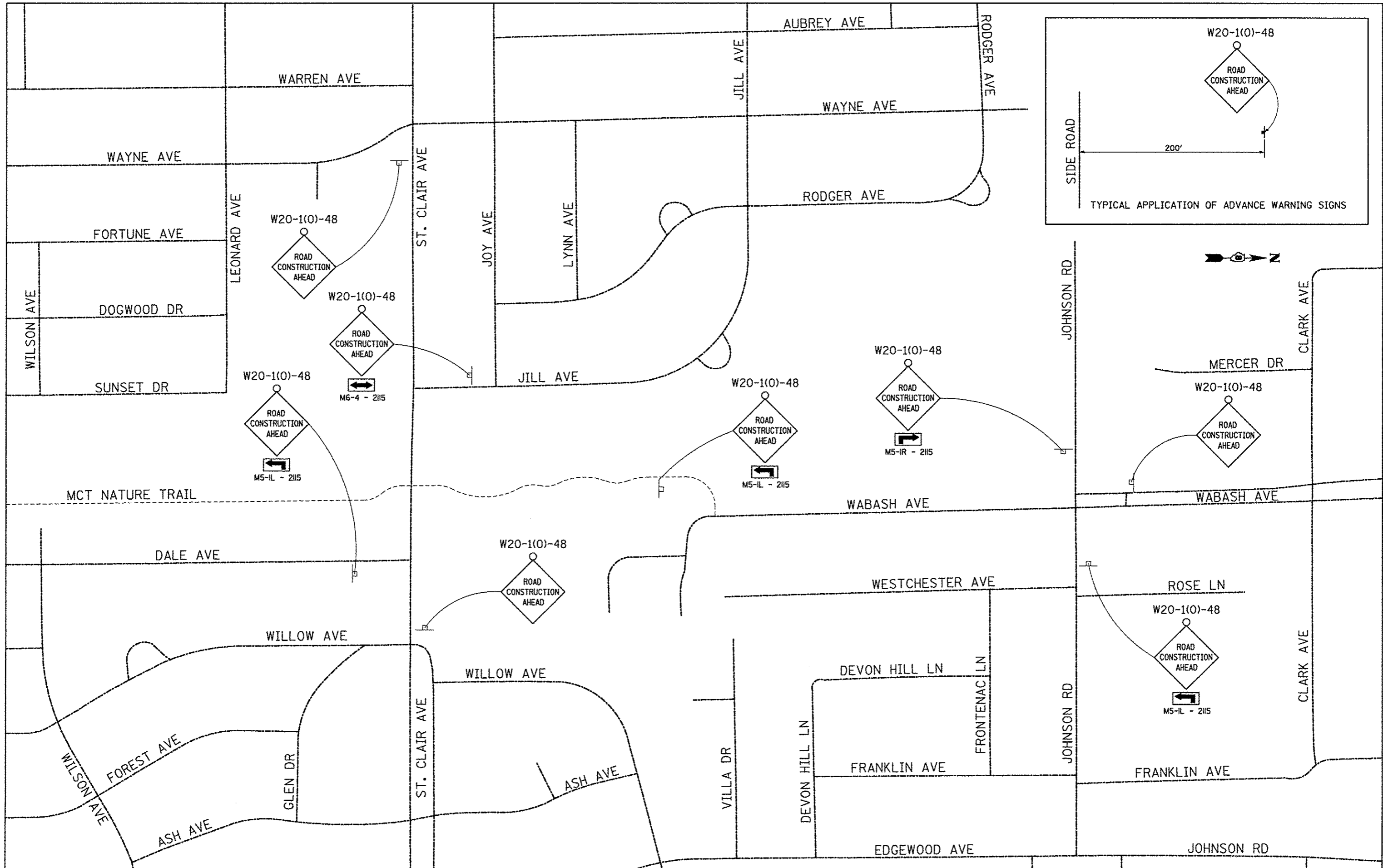
PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	



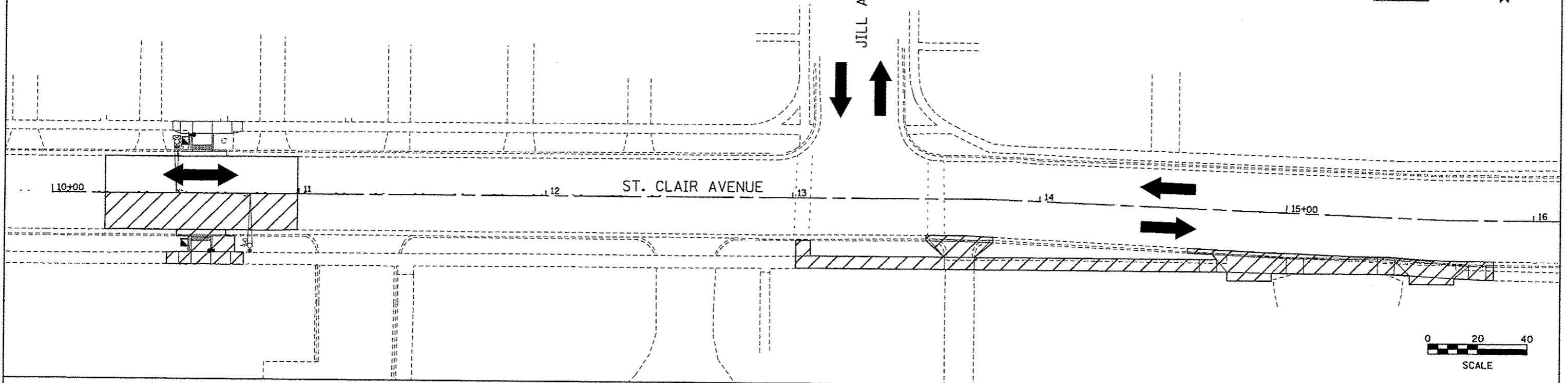
TBM SPIKE IN NORTH SIDE OF HIGHLINE POLE IN SOUTHWEST QUADRANT OF WABASH AND JOHNSON ROAD, 91' SOUTH OF THE CENTERLINE OF JOHNSON ROAD. ELEV. 423.36

FILE NAME = plan 03 wabash.dgn	USER NAME = Spott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PLAN AND PROFILE NATURE TRAIL EXTENSION				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - WJB	REVISED -		11-00017-00-BT	MADISON	54	22					
	PLOT DATE = 10/9/2015	DATE - 7/10/15	REVISED -		CONTRACT NO. 97610								
					SCALE: 1" = 20'	SHEET 03 OF 03 SHEETS	STA. 60+20.00 TO STA. 102+00.00	ILLINOIS FED. AID PROJECT					

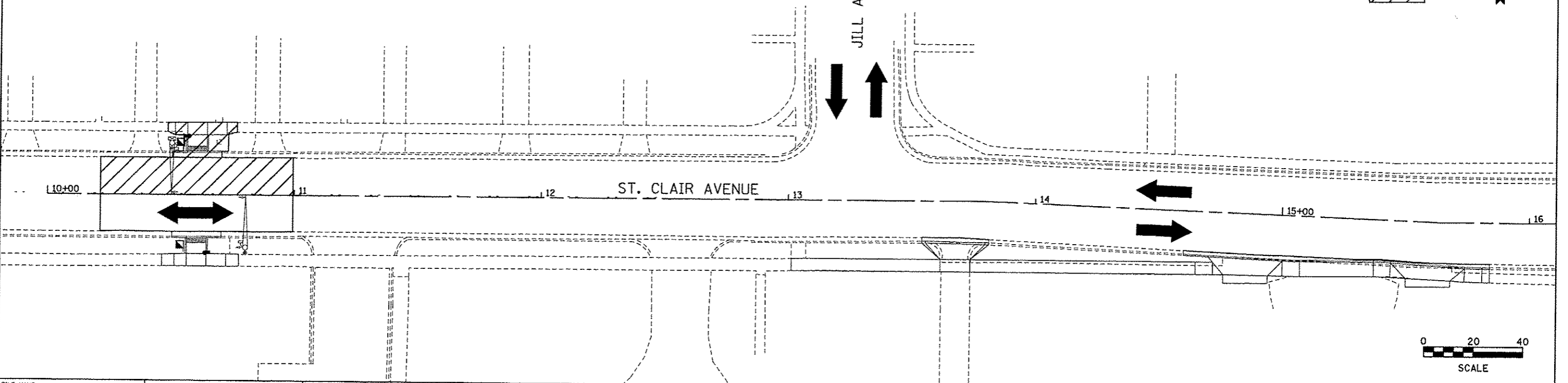


FILE NAME * wmasgnudgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	ADVANCED WARNING SIGNS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JJB	REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	11-00017-00-B1	MADISON	54	23
		CHECKED - SAS	REVISED -						CONTRACT NO. 97610			
		DATE - 7/10/15	REVISED -						ILLINOIS FED. AID PROJECT			

STAGE 1 CONSTRUCTION

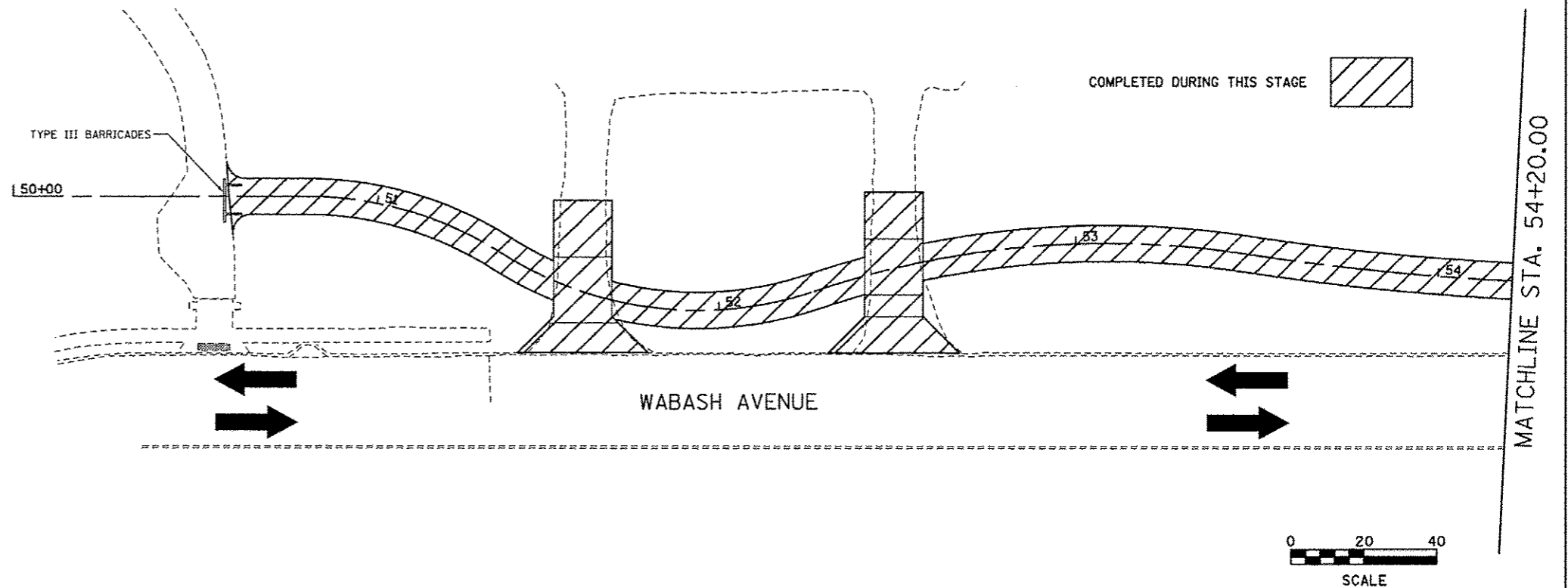
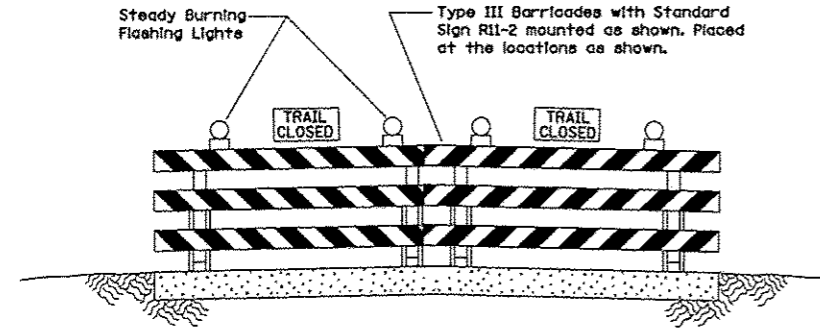


STAGE 2 CONSTRUCTION

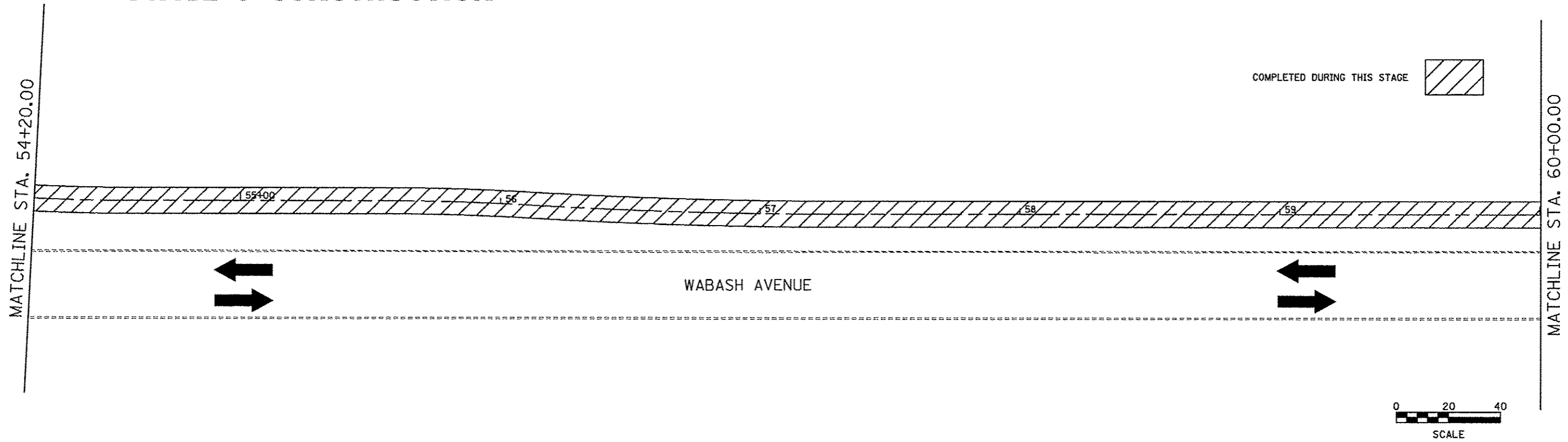


FILE NAME * Stago 01.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	STAGE CONSTRUCTION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - SAS	REVISED -				11-00017-00-BT	MADISON	54	24	
	PLOT DATE * 10/15/2015	CHECKED - WJB	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS	STA. 10+00.00 TO STA. 16+10.00	CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT	
		DATE - 7/10/15	REVISED -								

STAGE 3 CONSTRUCTION

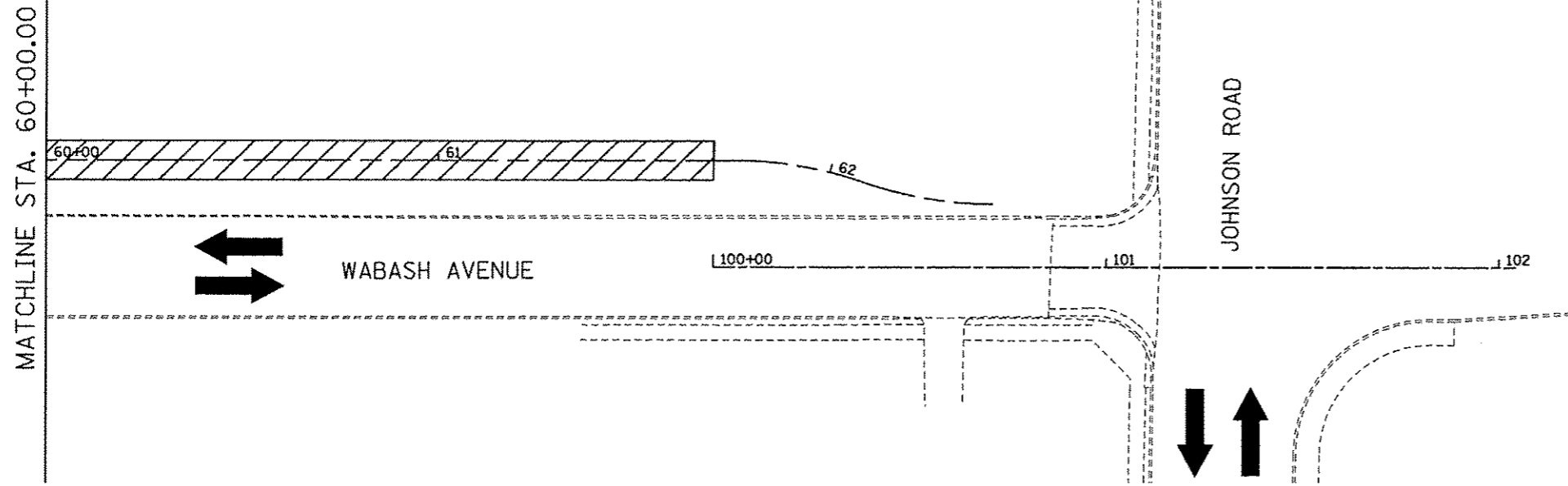


STAGE 3 CONSTRUCTION

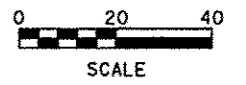


FILE NAME = Stage 02.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	STAGE CONSTRUCTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - WJB	REVISED -		11-00017-00-BT	MADISON	54	25				
	PLOT DATE = 10/6/2015	DATE - 7/10/15	REVISED -		SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 50+00.00 TO STA. 60+00.00		CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT			

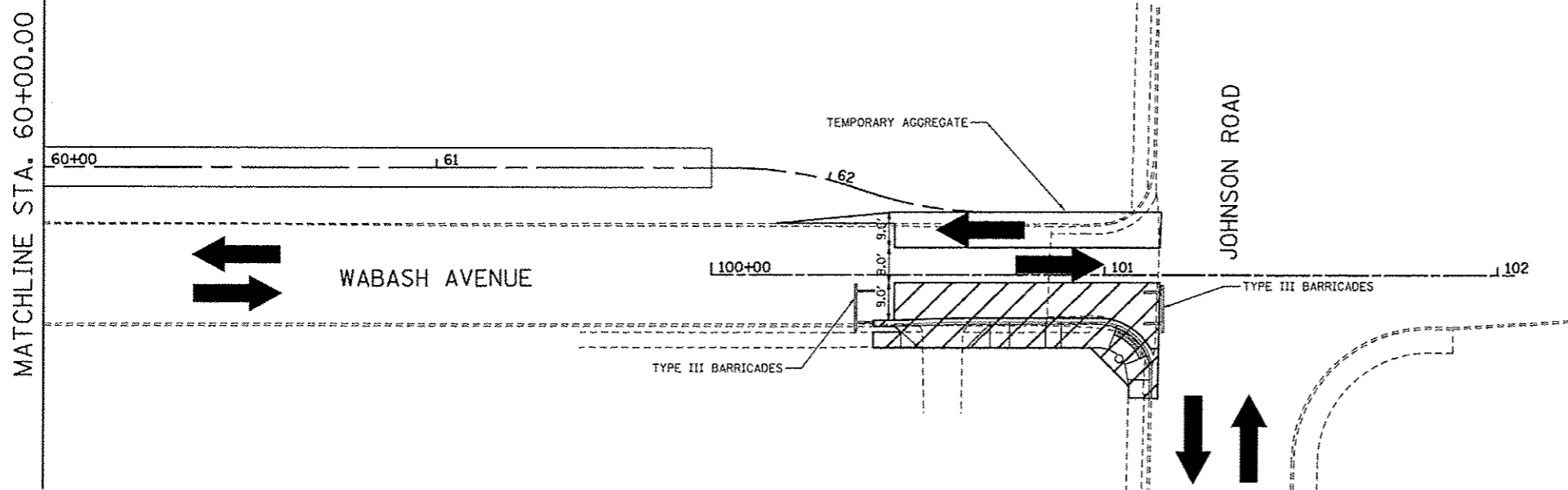
STAGE 3 CONSTRUCTION



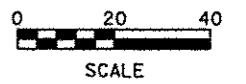
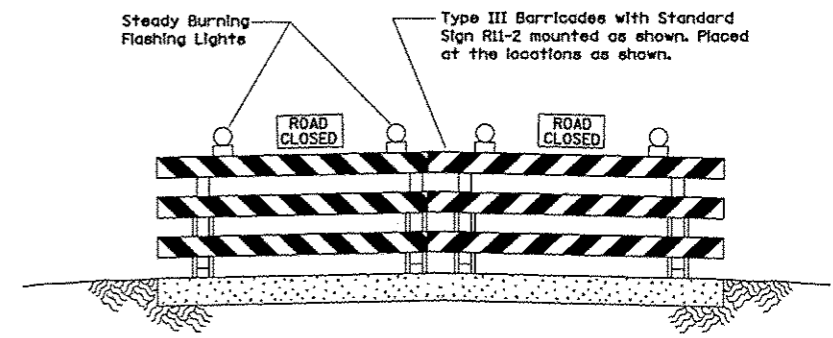
COMPLETED DURING THIS STAGE



STAGE 4 CONSTRUCTION

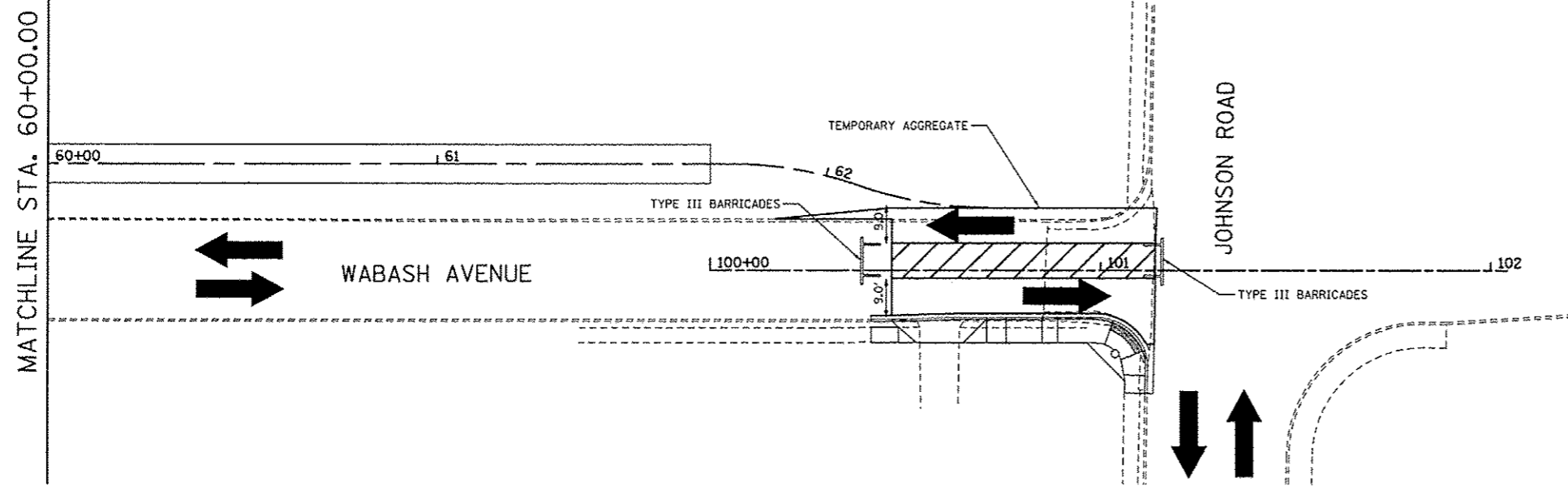


COMPLETED DURING THIS STAGE

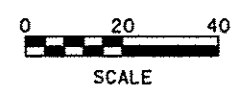
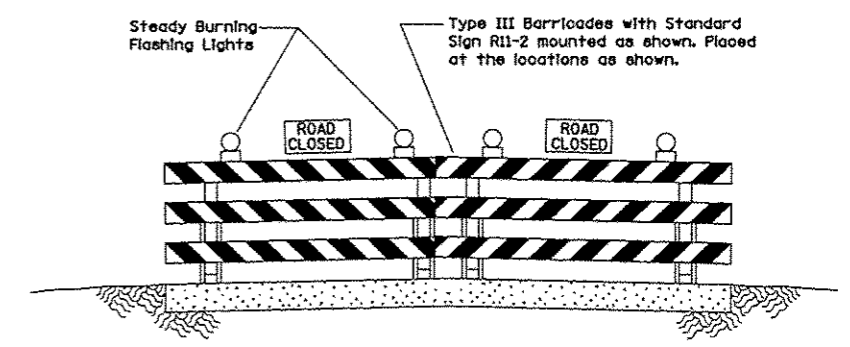


FILE NAME * Stage 03.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	STAGE CONSTRUCTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - SAS	REVISED -					11-00017-00-BT	MADISON	54	26	
	PLOT DATE = 10/9/2015	CHECKED - WJB	REVISED -					CONTRACT NO. 97610				
	DATE - 7/10/15	DATE - 7/10/15	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'			SHEET 3 OF 4 SHEETS			STA. 60+00.00 TO STA. 102+00.00		

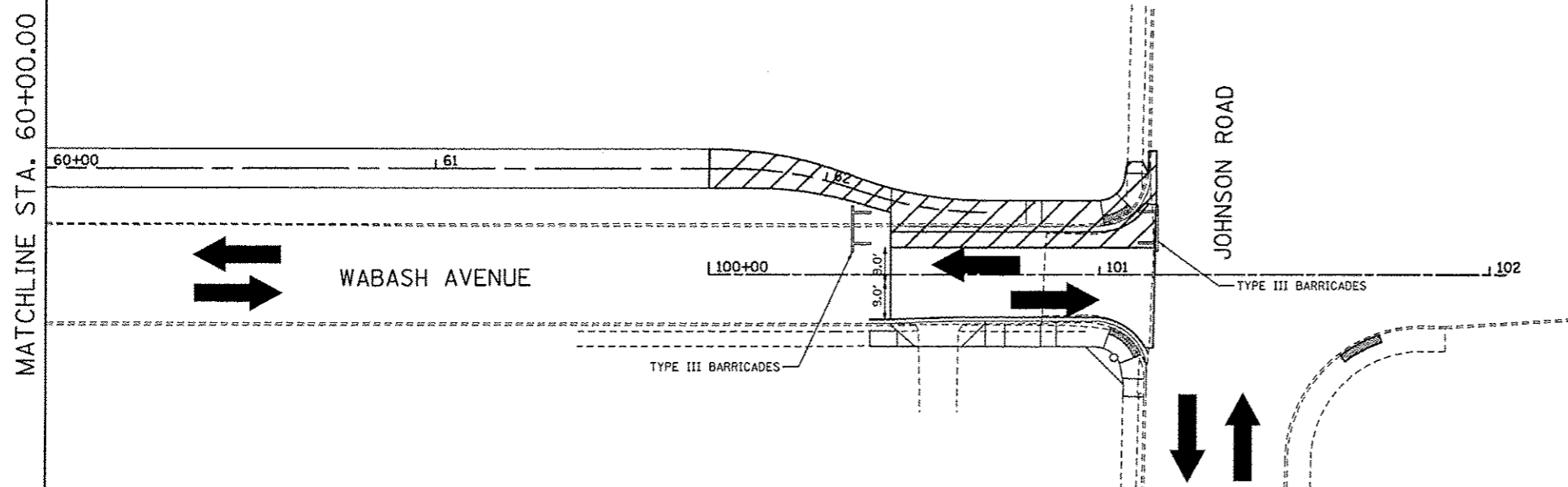
STAGE 5 CONSTRUCTION



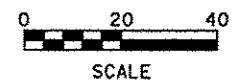
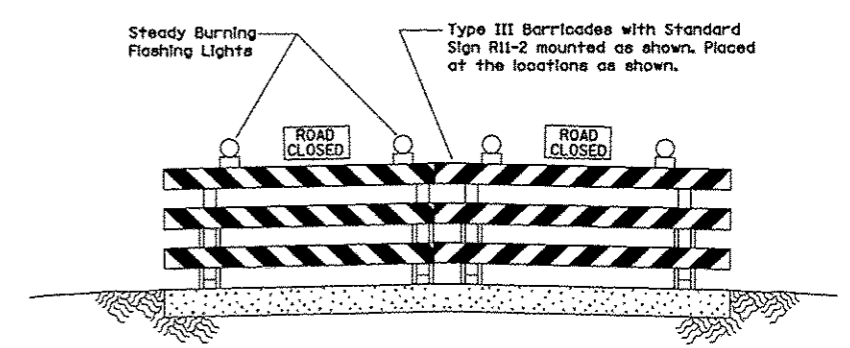
COMPLETED DURING THIS STAGE



STAGE 6 CONSTRUCTION



COMPLETED DURING THIS STAGE



FILE NAME * Stage 03.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	STAGE CONSTRUCTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	CHECKED - WJB	REVISED -		11-00017-00-BT	MADISON	54	27				
	PLOT DATE * 10/5/2015	DATE - 7/10/15	REVISED -		SCALE: 1" = 20'	SHEET 4 OF 4 SHEETS	STA. 60+00.00 TO STA. 102+00.00	CONTRACT NO. 97610				
								ILLINOIS FED. AID PROJECT				

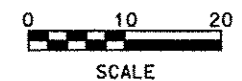
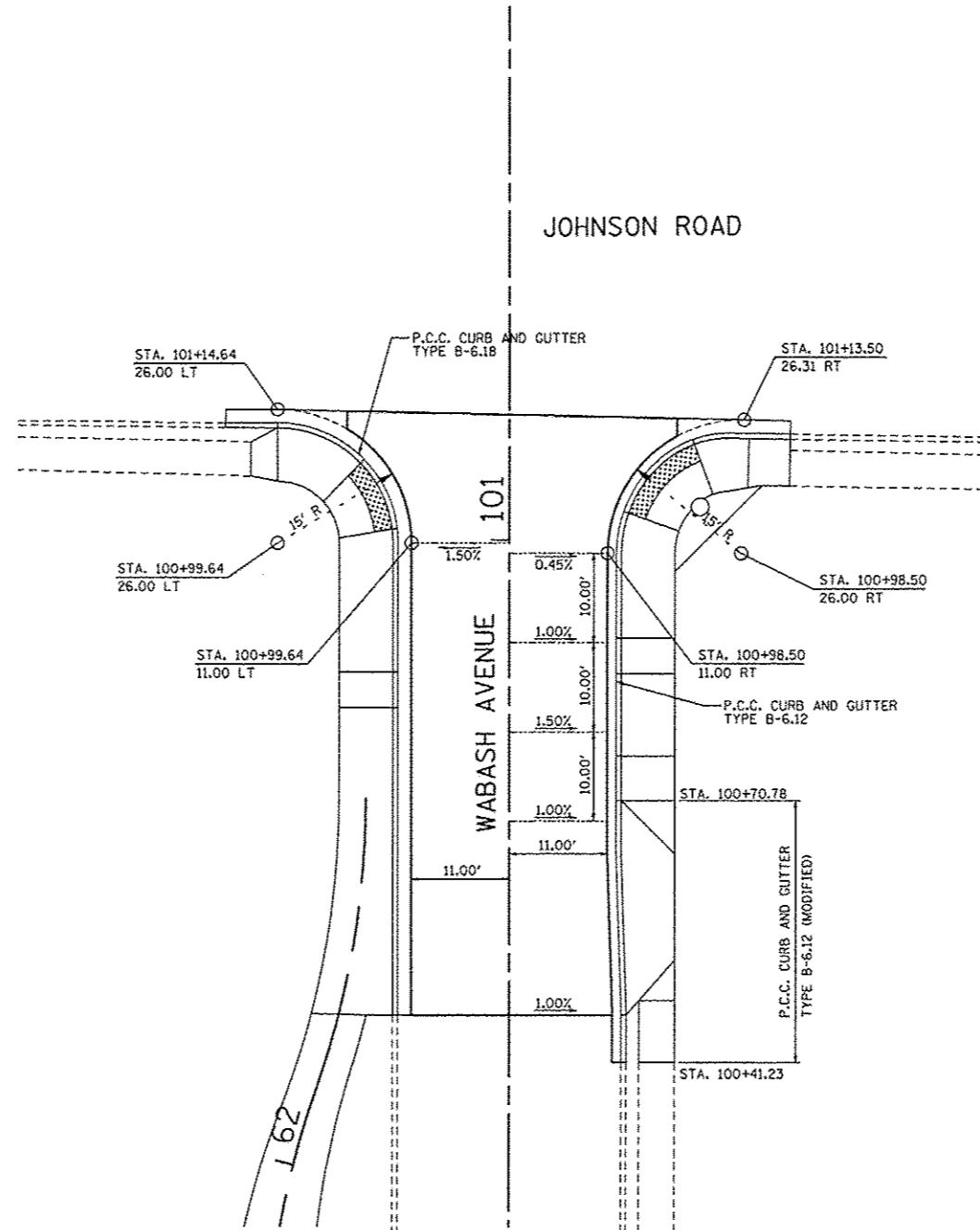


SW. QUADRANT

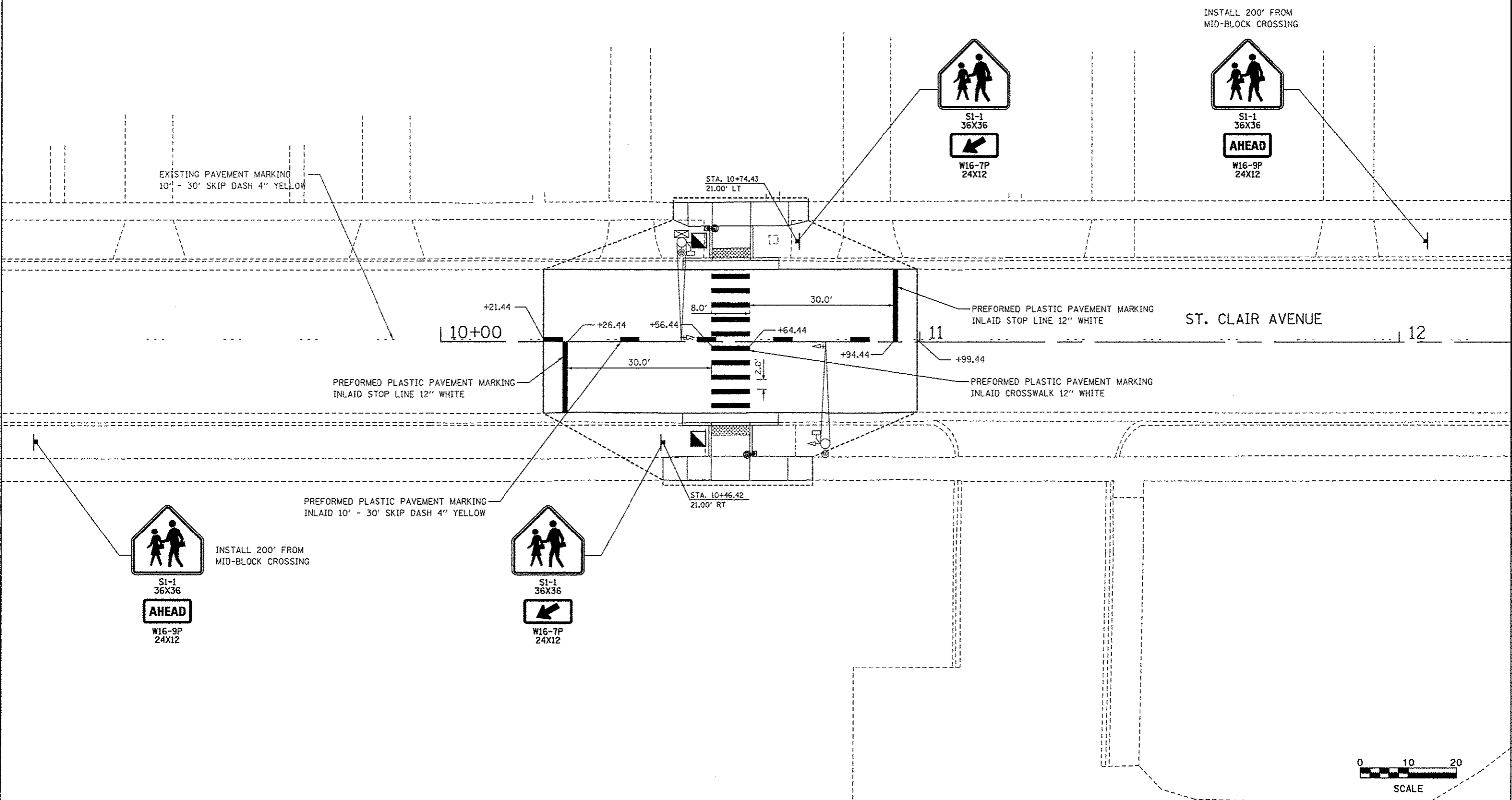
STATIONING ALONG WABASH AVENUE	OFFSET TO E.O.P.	E.O.P. ELEVATION	DISTANCE ALONG RAD.
	FOOT	FOOT	FOOT
STA. 101+14.64	26.00 LT	419.93	0.000
STA. 101+11.43	16.72 LT	420.05	10.00
STA. 101+03.17	11.42 LT	420.18	20.00
STA. 100+99.64	11.00 LT	420.22	23.56

SE. QUADRANT

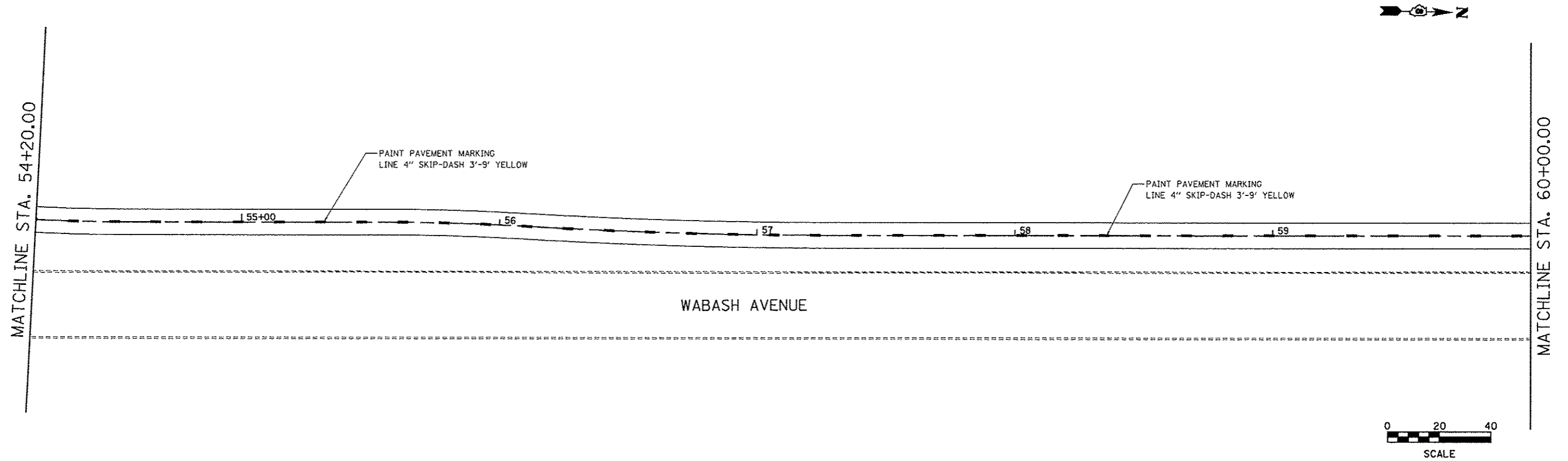
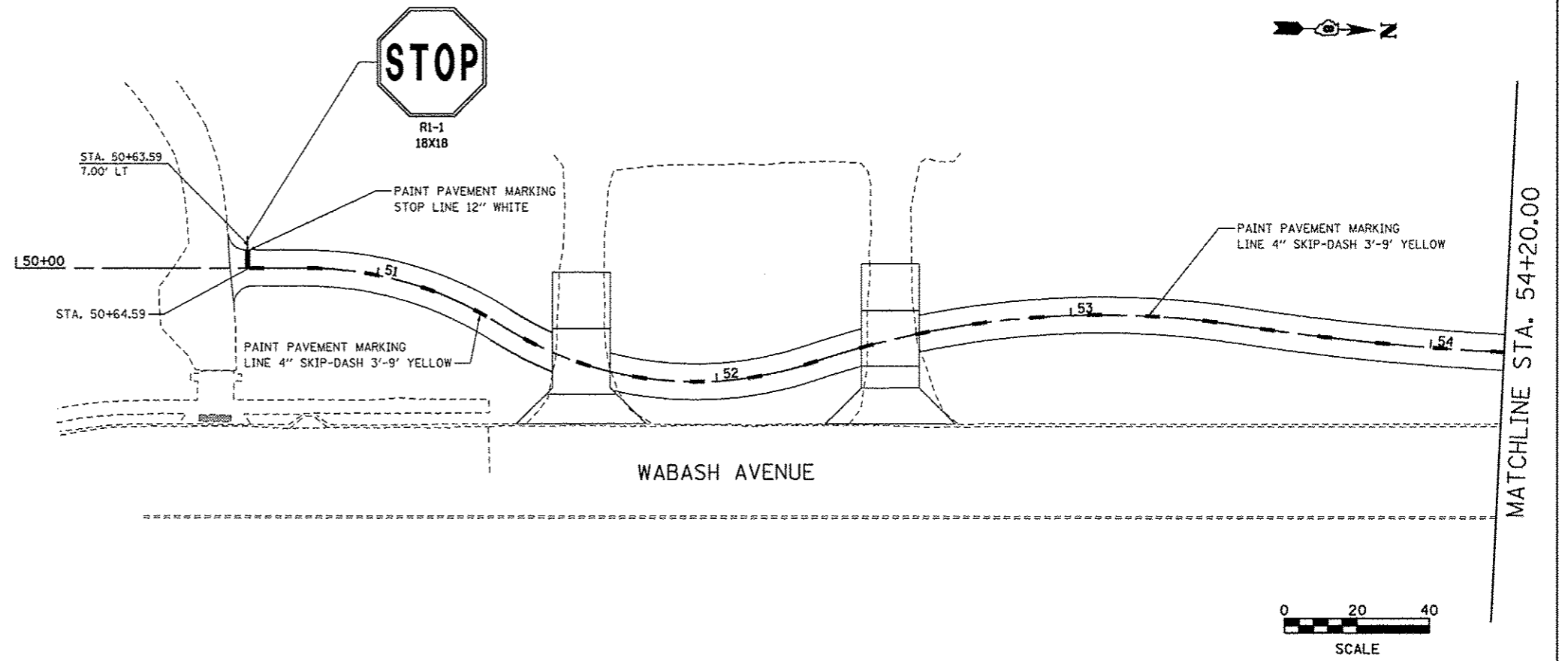
STATIONING ALONG WABASH AVENUE	OFFSET TO E.O.P.	E.O.P. ELEVATION	DISTANCE ALONG RAD.
	FOOT	FOOT	FOOT
STA. 101+13.50	26.31 RT	420.26	0.000
STA. 101+10.48	16.97 RT	420.31	10.00
STA. 101+02.33	11.50 RT	420.36	20.00
STA. 101+09.42	11.00 RT	420.38	23.88



FILE NAME = 900 01.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	GEOMETRICS WABASH AVENUE		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JJB	REVISED -		SCALE: 1"=10'	SHEET 1	OF 1 SHEETS	STA.	TO STA.	MADISON	54	28
		CHECKED - SAS	REVISED -								CONTRACT NO. 97610	
		DATE - 7/10/15	REVISED -								ILLINOIS FED. AID PROJECT	



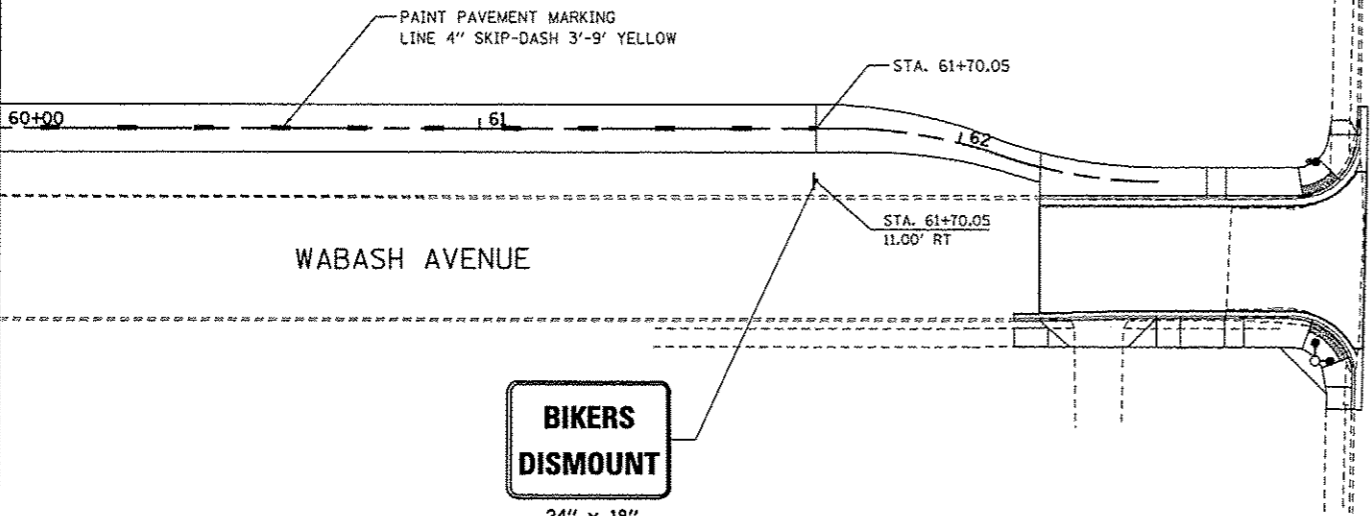
FILE NAME * pmark 01.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	SIGNAGE AND PAVEMENT MARKINGS ST. CLAIR AVENUE MID-BLOCK CROSSING			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SAS	REVISED -		11-00017-00-BT	MADISON	54	29				
	PLOT DATE = 10/6/2015	CHECKED - WJB	REVISED -		SCALE: 1" = 10'			SHEET 1 OF 1 SHEETS			CONTRACT NO. 97610	
		DATE - 7/10/15	REVISED -		SCALE: 1" = 10'			ST. TO STA.		ILLINOIS FED. AID PROJECT		



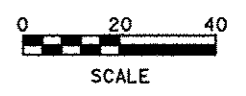
FILE NAME # pmark 02.dgn	USER NAME # Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PAVEMENT MARKINGS NATURE TRAIL EXTENSION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SAS	REVISED -		11-00017-00-BT	MADISON	54	30			
	PLOT DATE = 10/5/2015	CHECKED - WJB	REVISED -		SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 50+00.00 TO STA. 60+00.00		CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT		
	DATE - 7/10/15	REVISED -									



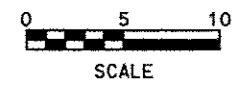
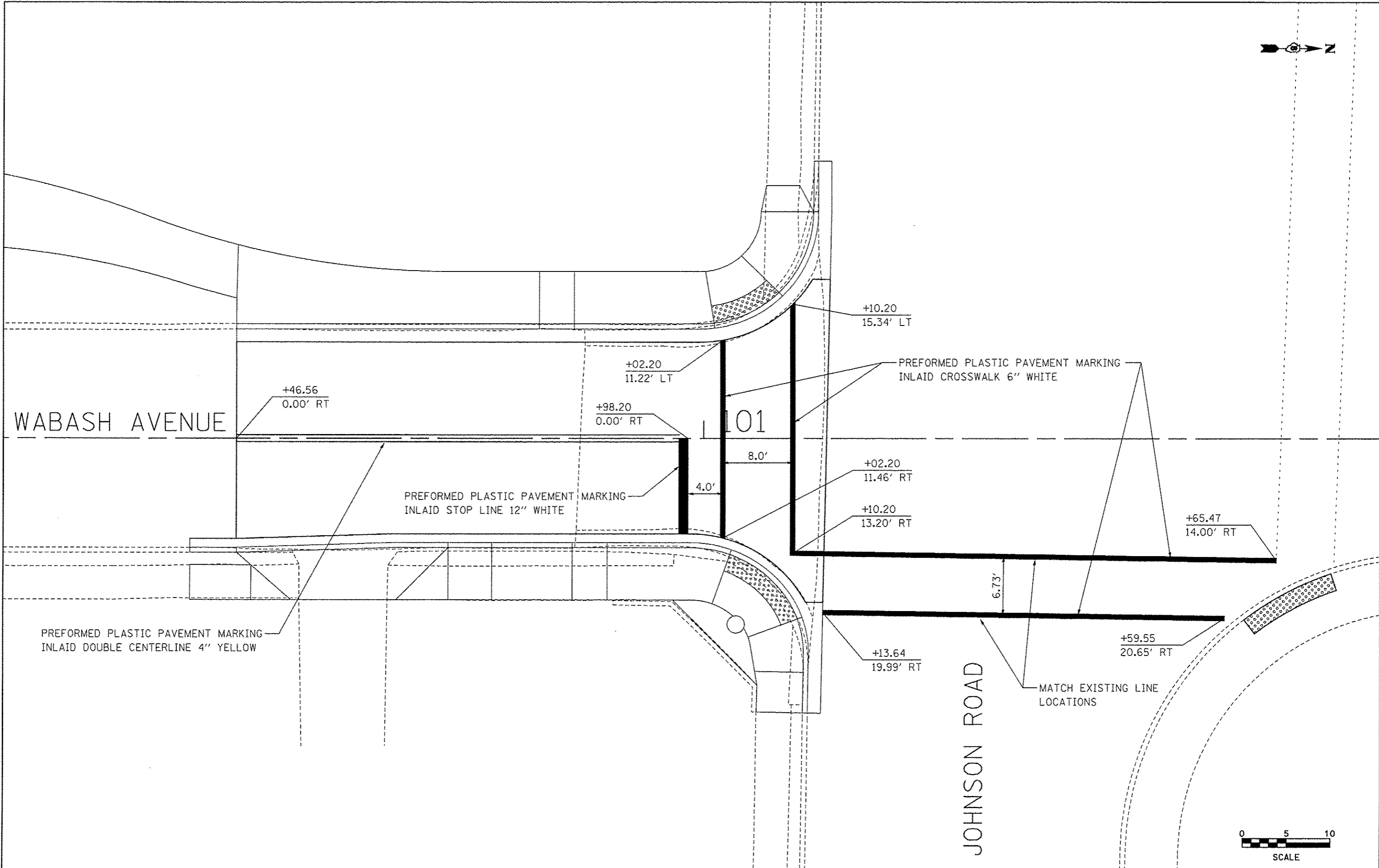
MATCHLINE STA. 60+00.00



JOHNSON ROAD



FILE NAME * pmark 03.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PAVEMENT MARKINGS NATURE TRAIL EXTENSION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - WJB	REVISED -		11-00017-00-BT	MADISON	54	31			
	PLOT DATE * 10/5/2015	DATE - 7/10/15	REVISED -		SCALE: 1" = 20'	SHEET 2	OF 2 SHEETS	STA. 60+00.00	TO STA. 62+40.00	CONTRACT NO. 97610	
								ILLINOIS FED. AID PROJECT			

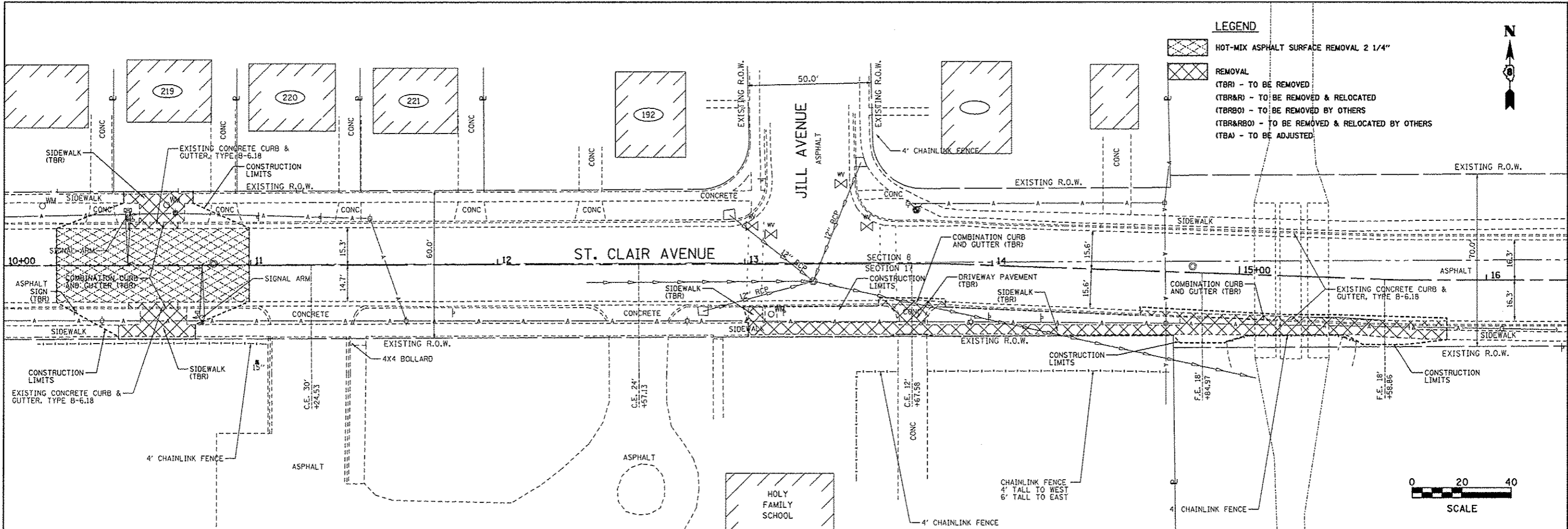


FILE NAME * pmark 04.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	PAVEMENT MARKINGS WABASH AVENUE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - SAS	REVISED -		SCALE: 1" = 5'	SHEET 1	OF 1	SHEETS	STA. 100+20.00	TO STA. 101+75.00	MADISON	54	32
		PLOT SCALE * #SCALE#	REVISED -										
		CHECKED - WJB	REVISED -										
		DATE - 7/10/15	REVISED -										

ILLINOIS FED. AID PROJECT

DATE	
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DATE	
BY	
REVISIONS	
NO.	



LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

REMOVAL

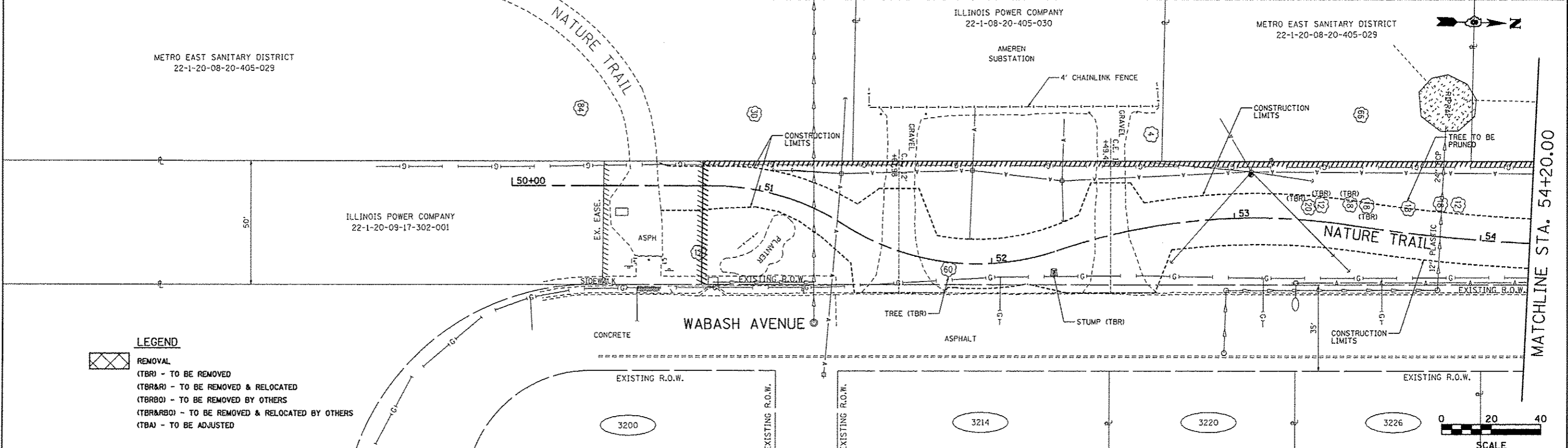
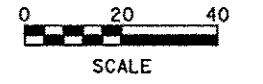
(TBR) - TO BE REMOVED

(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

(TBA) - TO BE ADJUSTED



LEGEND

REMOVAL

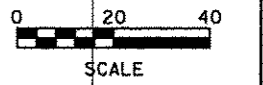
(TBR) - TO BE REMOVED

(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

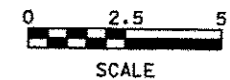
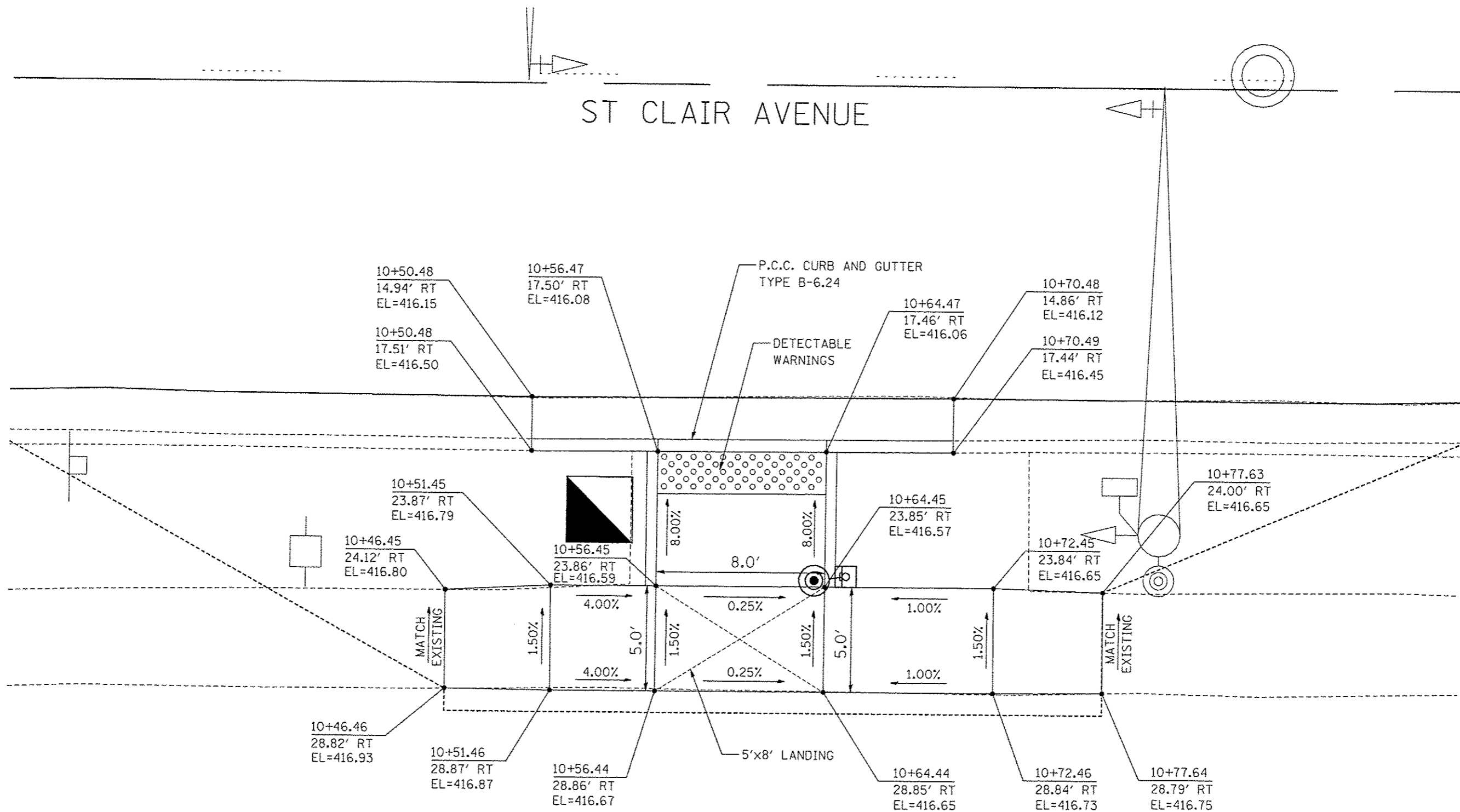
(TBA) - TO BE ADJUSTED



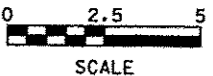
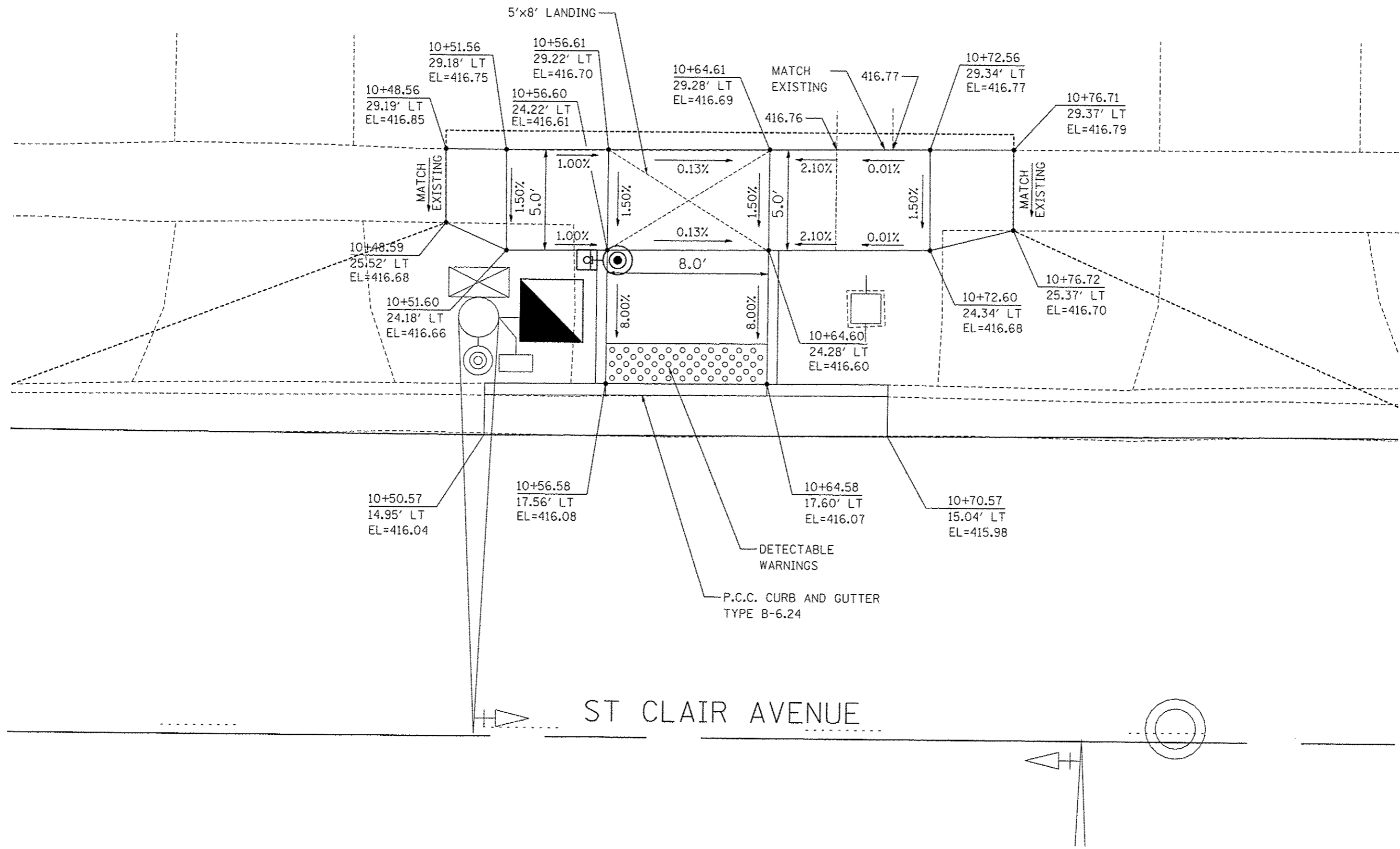
FILE NAME = rem 01.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	REMOVAL ST. CLAIR AVENUE & NATURE TRAIL EXTENSION	P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JJB	REVISED -			11-00017-00-BT	MADISON	54	33	
		CHECKED - WJB	REVISED -			CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT		
		DATE - 7/10/15	REVISED -			SCALE: 1" = 20'		SHEET 1 OF 2 SHEETS		STA. 50+00.00 TO STA. 54+20.00



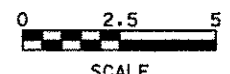
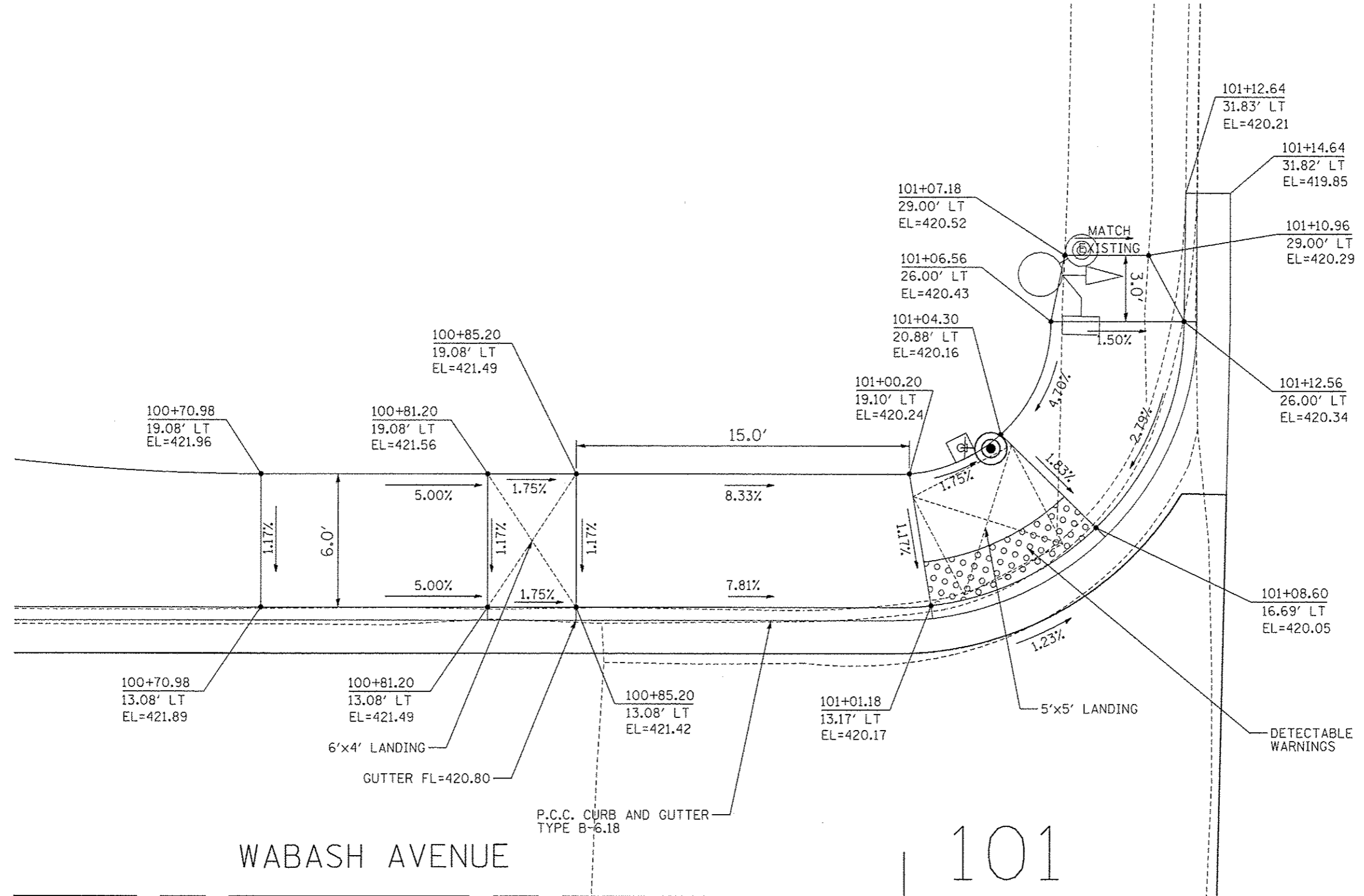
ST CLAIR AVENUE



FILE NAME = sidewalk detail 1.dgn	USER NAME = Scott	DESIGNED - SAS	REVISIONS -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	SIDEWALK CURB RAMP PLAN ST CLAIR AVENUE MIDBLOCK CROSSING		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JJB	REVISIONS -		SCALE: 1" = 5'	SHEET 1 OF 4 SHEETS	STA.	11-00017-00-BT	MADISON	54	35
		CHECKED - WJB	REVISIONS -		TO STA.						
		DATE - 7/10/15	REVISIONS -								
							CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT		



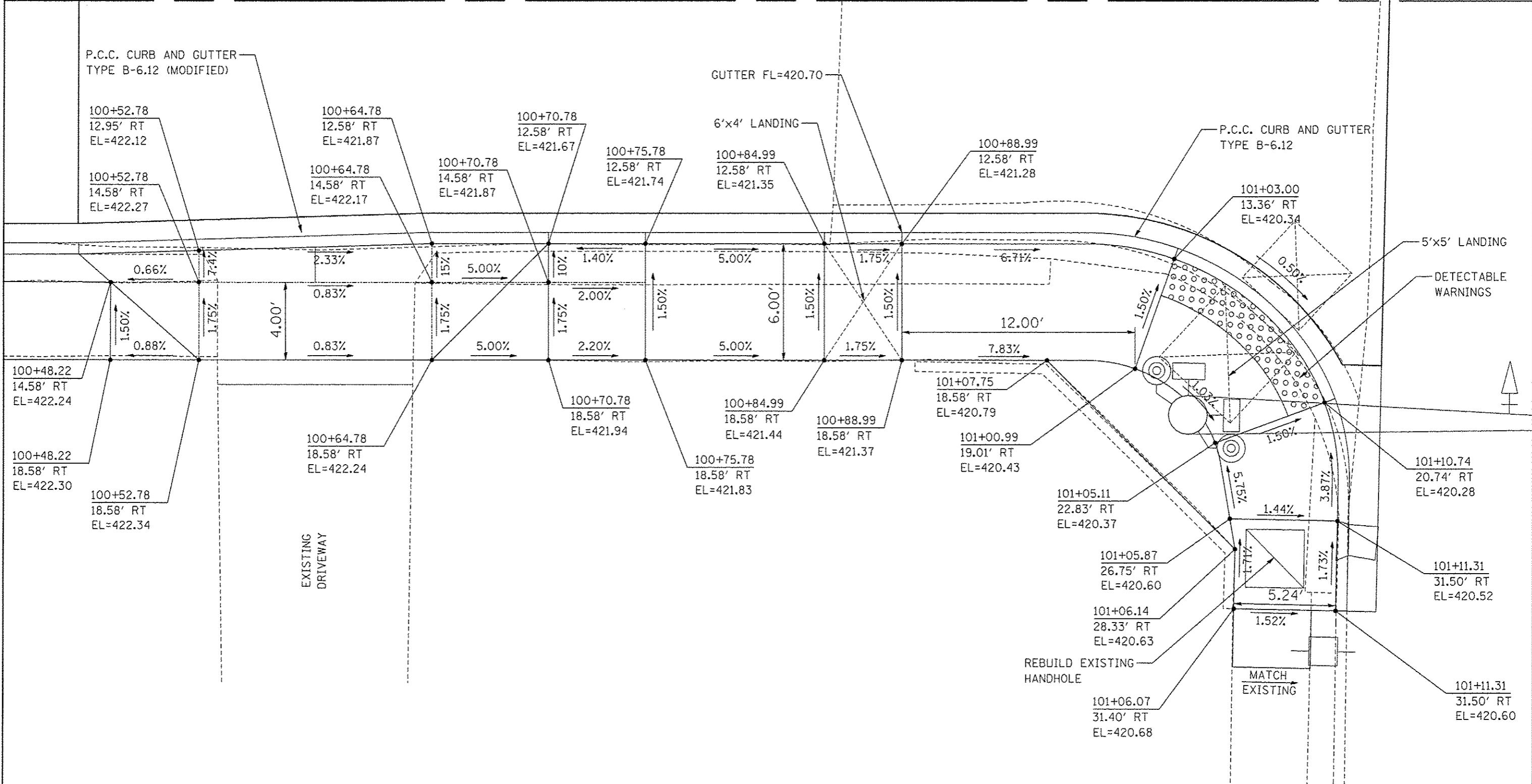
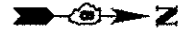
FILE NAME * sidewalk_detail_2.dgn	USER NAME * Scott	DESIGNED - SAS	REVISIONS - -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	SIDEWALK CURB RAMP PLAN ST CLAIR AVENUE MIDBLOCK CROSSING		F.A. RTE.	SECTION 11-00017-00-BT	COUNTY MADISON	TOTAL SHEETS 54	SHEET NO. 36
	PLOT SCALE * #SCALE*	CHECKED - WJB	REVISIONS - -		SCALE: 1" = 5'	SHEET 2 OF 4 SHEETS	STA.				
	PLOT DATE * 18/5/2015	DATE - 7/10/15	REVISIONS - -				TO STA.				
CONTRACT NO. 97610 ILLINOIS FED. AID PROJECT											



FILE NAME * sidewalk detail 3.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	SIDEWALK CURB RAMP PLAN JOHNSON ROAD & WABASH AVENUE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE * #SCALE#	CHECKED - WJB	REVISED -		SCALE: 1" = 5'	SHEET 3	OF 4 SHEETS	STA.	TO STA.	MADISON	54	37
	PLOT DATE * 10/9/2015	DATE - 7/10/15	REVISED -		CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT					

WABASH AVENUE

101



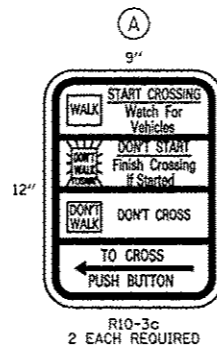
SIDEWALK RAMP TO BE CONSTRUCTED PER HIGHWAY STANDARD 424011-02 AND AS SHOWN ON THE DETAIL

FILE NAME * sidewalk detail 4.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	SOUTHEAST SIDEWALK CURB RAMP PLAN JOHNSON ROAD & WABASH AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE = *SCALE*	DRAWN - JJB	REVISED -			11-00017-00-BT	MADISON	54	38	
	PLLOT DATE = 10/5/2015	CHECKED - WJB	REVISED -			CONTRACT NO. 97610				
		DATE - 7/10/15	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 5'	SHEET 4	OF 4 SHEETS	STA.	TO STA.	

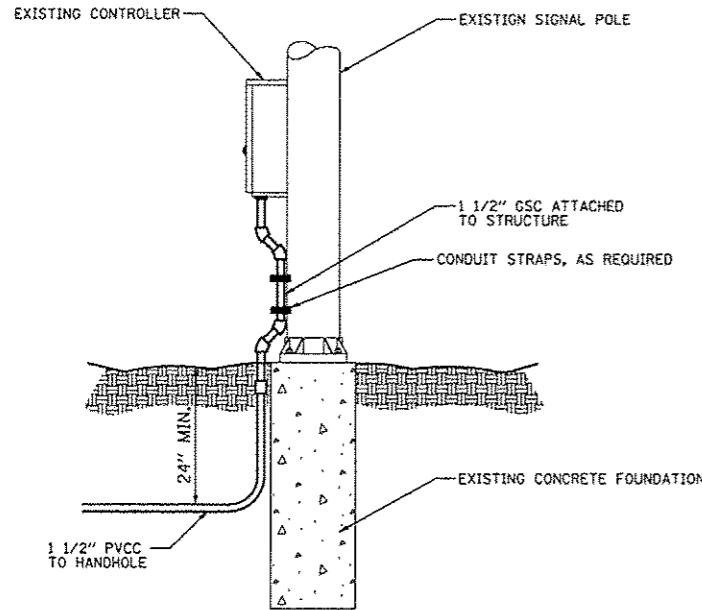
TRAFFIC SIGNAL QUANTITIES		
ITEM	UNIT	TOTAL QUANTITIES
UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	41
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	20
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	4
HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	130
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	110
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	2
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGN PANEL - TYPE 1	SQ FT	1.5

STANDARDS

814001
873001
876001



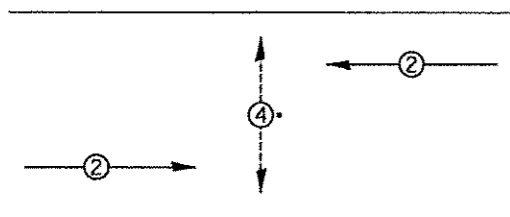
R10-3c
2 EACH REQUIRED



CONTROLLER CONNECTION

N.T.S.

PHASE DESIGNATION DIAGRAM

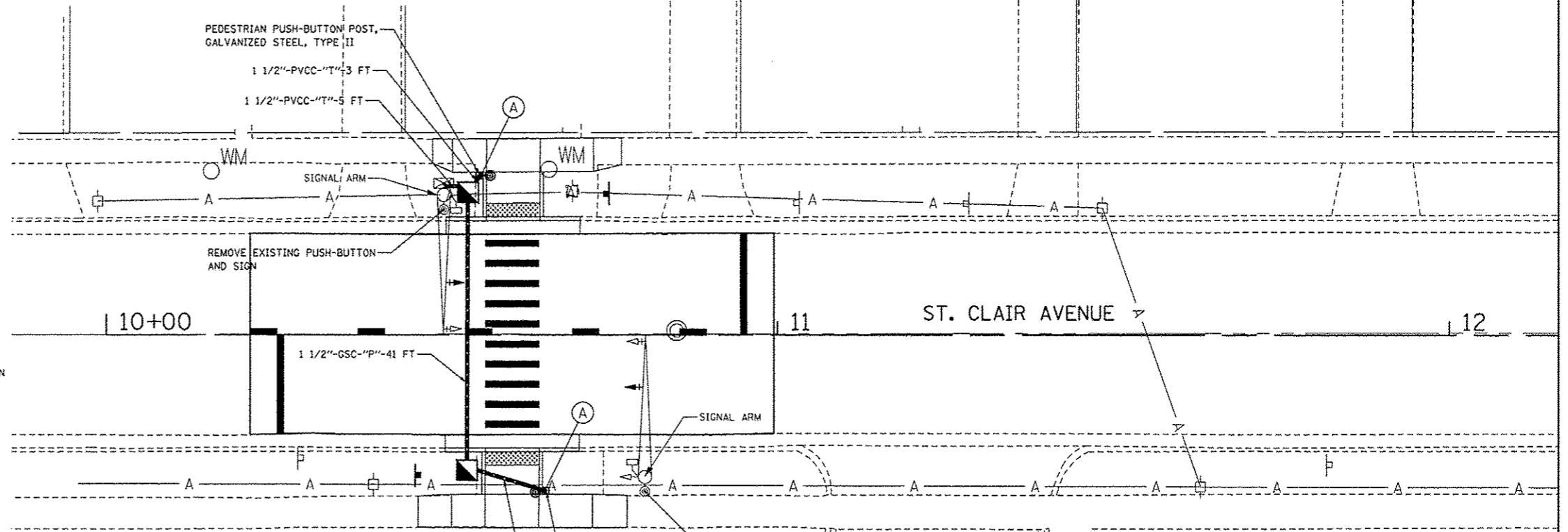


*EXCLUSIVE PEDESTRIAN PHASE

CONTROLLER PHASING

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	—	←	—	↓	—	—	—	—
CONCURRENT MOVEMENT PERMITTED	NOT USED	NONE	NOT USED	NONE	NOT USED	NOT USED	NOT USED	NOT USED

*PEDESTRIAN MOVEMENT ON ACTUATION ONLY.



ELECTRICAL GENERAL NOTES:

- ALL MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PAST COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER, UNLESS OTHERWISE SPECIFIED. FIELD WIRES SHALL BE LANDED AT CONTROLLER OUTPUT TERMINALS USING ILSCO SLU-35 CONNECTORS OR EQUIVALENT.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE PER ARTICLE 810.03 (A). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- UNDERGROUND MARKING TAPE SHALL BE INSTALLED WITH ALL UNDERGROUND CONDUIT IN ACCORDANCE WITH ARTICLE 810.04(a) OF THE STANDARD SPECIFICATIONS.
- VOIDS CREATED FROM THE REMOVAL OF PEDESTRIAN PUSH BUTTON HARDWARE SHALL BE PLUGGED.

TRAFFIC SIGNAL LEGEND

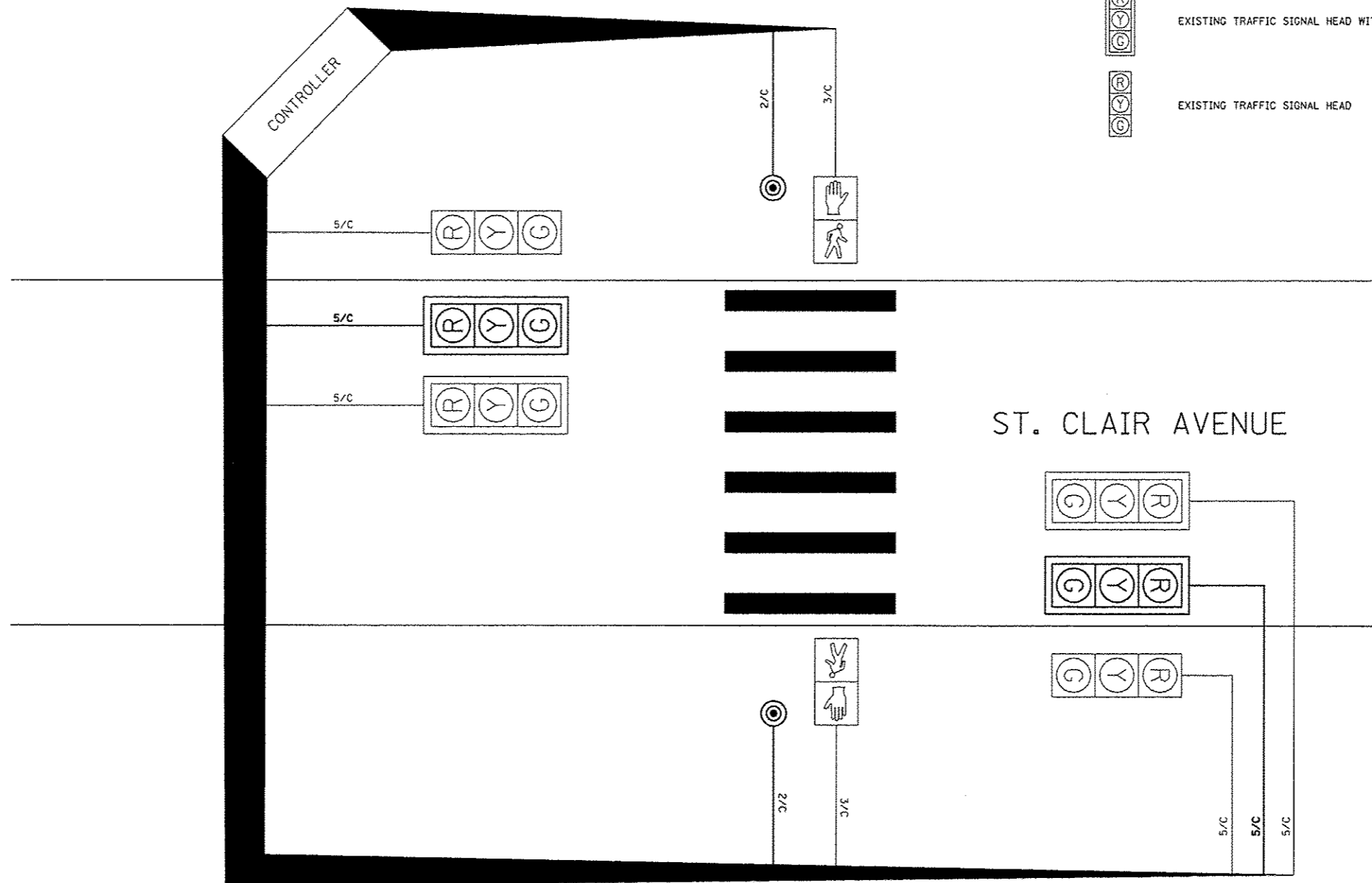
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING PEDESTRIAN PUSH-BUTTON
- PROPOSED PEDESTRIAN PUSH-BUTTON WITH 9"x12" R10-3b SIGN
- EXISTING CONTROLLER
- PROPOSED HANDHOLE
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSHED, SIZE SPECIFIED
- PVC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- PROPOSED TRAFFIC SIGNAL HEAD WITH BACKPLATE



FILE NAME = Traffic Signal 01.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	TRAFFIC SIGNAL PLAN ST. CLAIR AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8"=1'-0"	DRAWN - JUB	REVISED -			11-00017-00-BT	MADISON	54	39	
	PLOT DATE = 10/5/2015	CHECKED - SAS	REVISED			CONTRACT NO. 97610				
		DATE - 7/10/15	REVISED			ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- ⊙ PROPOSED PEDESTRIAN PUSH-BUTTON
- Ⓜ EXISTING PEDESTRIAN SIGNAL HEAD
- Ⓜ EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE
- Ⓜ EXISTING TRAFFIC SIGNAL HEAD



CABLE DIAGRAM

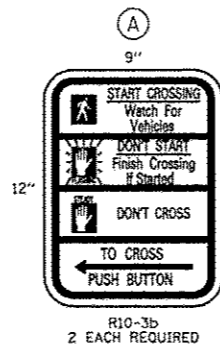


FILE NAME * Traffic Signal Plan 02.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	TRAFFIC SIGNAL PLAN ST. CLAIR AVENUE		F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JJB	REVISED -					11-00017-00-BT	MADISON	54	40	
		CHECKED - SAS	REVISED									CONTRACT NO. 97610
		DATE - 7/10/15	REVISED				SCALE: 1"=10'	SHEET NO. 2 OF 2 SHEETS		ILLINOIS FED. AID PROJECT		

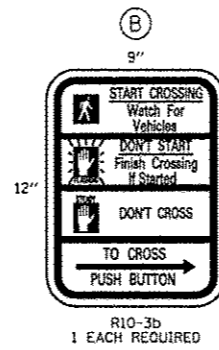
TRAFFIC SIGNAL QUANTITIES		
ITEM	UNIT	TOTAL QUANTITIES
UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	14
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	22
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	57
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	3
DETECTOR LOOP, TYPE 1	FOOT	168
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGN PANEL - TYPE 1	SO FT	2.3

STANDARDS

814001
873001
876001
886001
886006



R10-3b
2 EACH REQUIRED

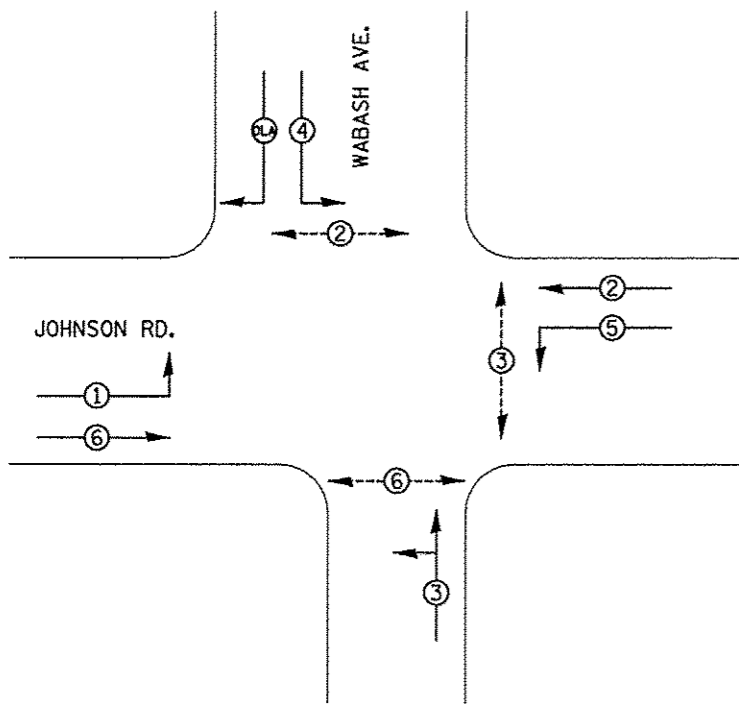


R10-3b
1 EACH REQUIRED

TRAFFIC SIGNAL LEGEND

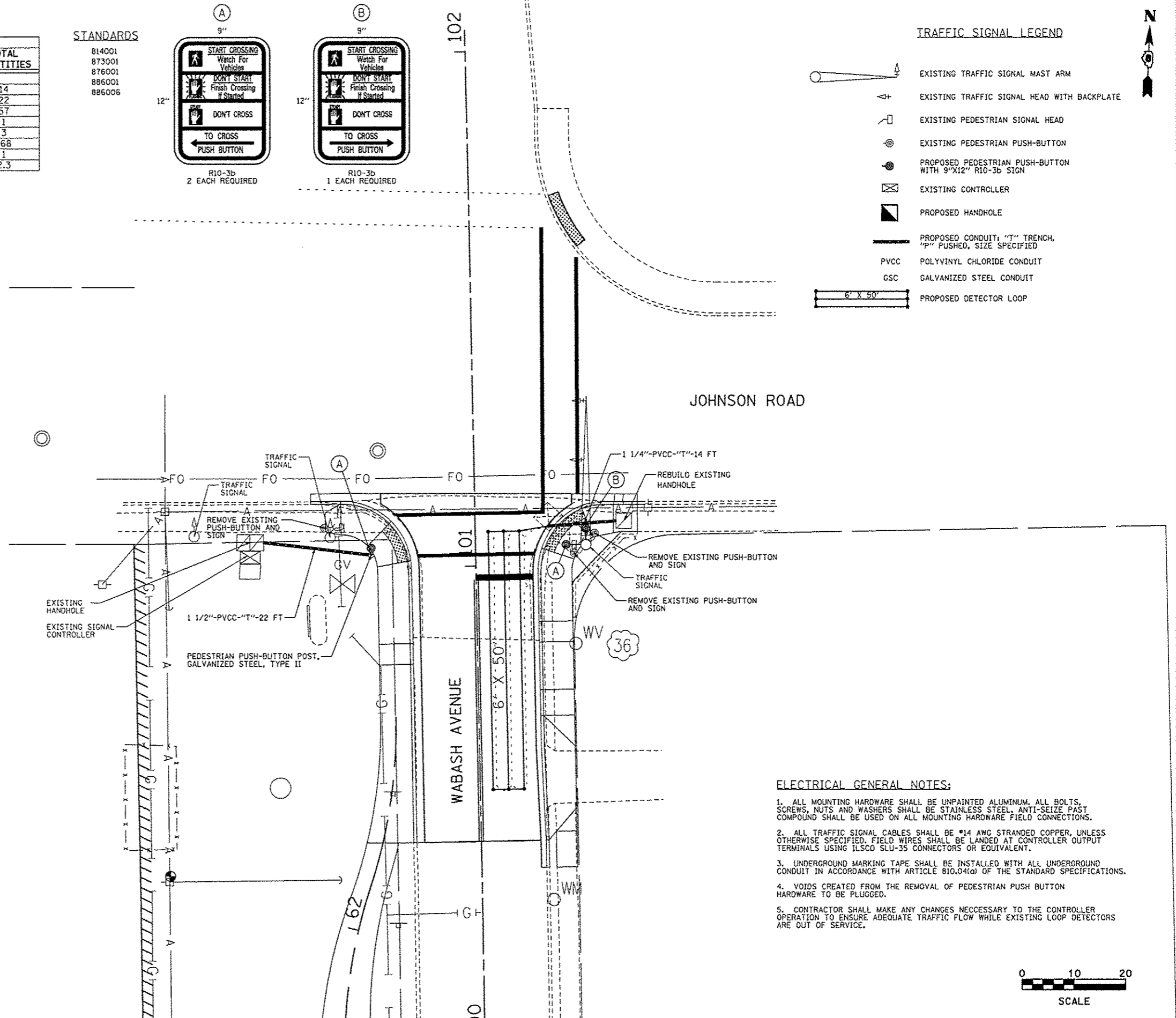
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING PEDESTRIAN PUSH-BUTTON
- PROPOSED PEDESTRIAN PUSH-BUTTON WITH 9"x12" R10-3b SIGN
- EXISTING CONTROLLER
- PROPOSED HANDHOLE
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSHED, SIZE SPECIFIED
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- PROPOSED DETECTOR LOOP

PHASE DESIGNATION DIAGRAM



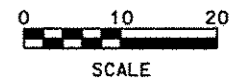
CONTROLLER PHASING

PHASE	EXISTING								OLA
	1	2	3	4	5	6	7	8	
MOVEMENT	↖	↗	↔	↔	↔	↔	↔	↔	↔
CONCURRENT MOVEMENT PERMITTED	OLA AND 5 OR 6	5 OR 6	NONE	NONE	2 OR 5	1 OR 2	NOT USED	NOT USED	1+4






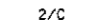
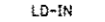




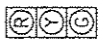
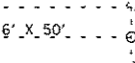
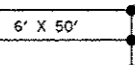
ELECTRICAL GENERAL NOTES:

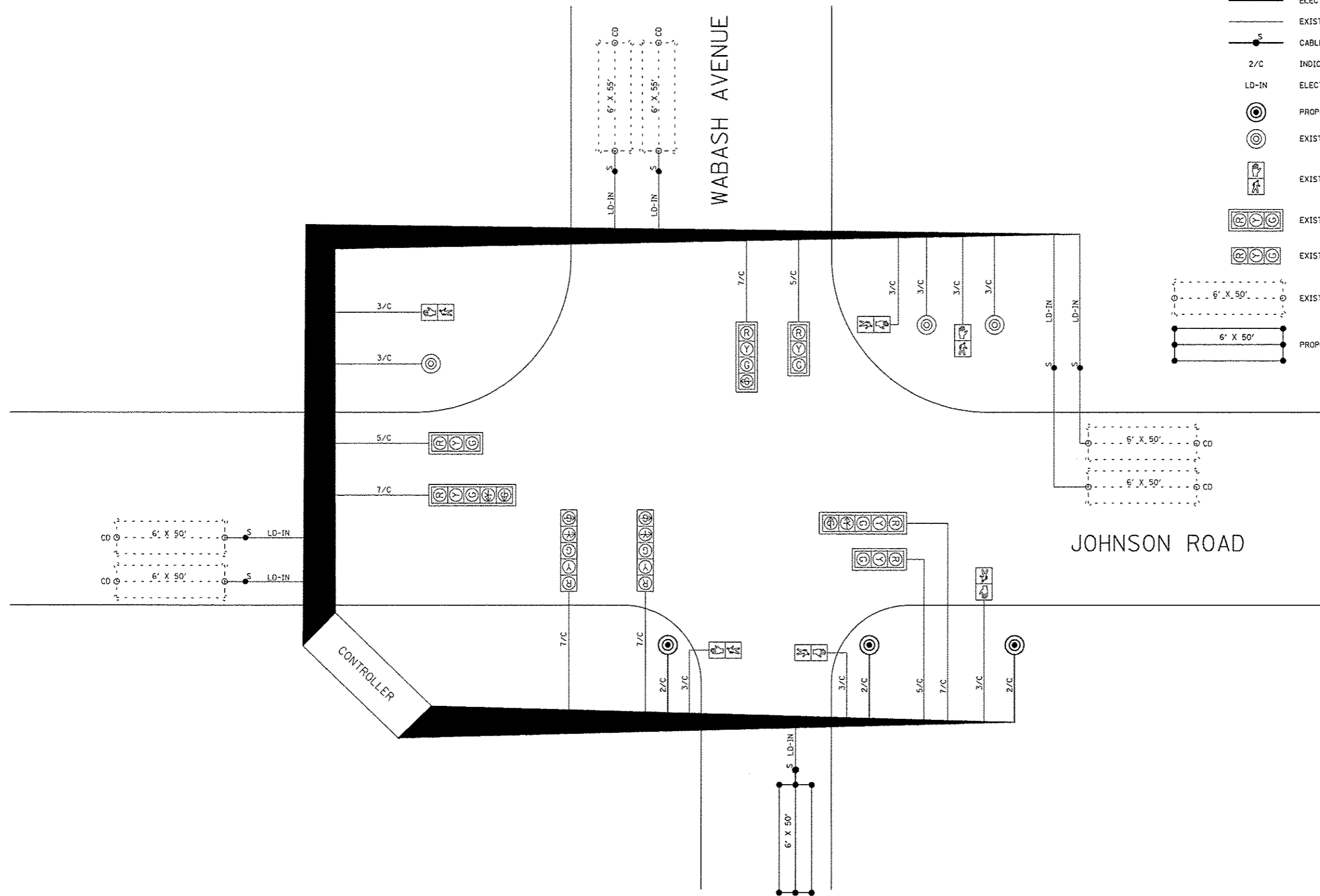
- ALL MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PAST COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER, UNLESS OTHERWISE SPECIFIED. FIELD WIRES SHALL BE LANDED AT CONTROLLER OUTPUT TERMINALS USING ILSCO SLU-35 CONNECTORS OR EQUIVALENT.
- UNDERGROUND MARKING TAPE SHALL BE INSTALLED WITH ALL UNDERGROUND CONDUIT IN ACCORDANCE WITH ARTICLE 810.04(d) OF THE STANDARD SPECIFICATIONS.
- VOIDS CREATED FROM THE REMOVAL OF PEDESTRIAN PUSH BUTTON HARDWARE TO BE PLUGGED.
- CONTRACTOR SHALL MAKE ANY CHANGES NECESSARY TO THE CONTROLLER OPERATION TO ENSURE ADEQUATE TRAFFIC FLOW WHILE EXISTING LOOP DETECTORS ARE OUT OF SERVICE.



FILE NAME * Traffic Signal Plan 03.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	TRAFFIC SIGNAL PLAN JOHNSON ROAD & WABASH AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE*	CHECKED - SAS	REVISED -					MADISON	54	41	
	PLOT DATE = 10/5/2015	DATE - 7/10/15	REVISED			SCALE: 1"=10'	SHEET NO. 3 OF 4 SHEETS	CONTRACT NO. 97610			
ILLINOIS FED. AID PROJECT											

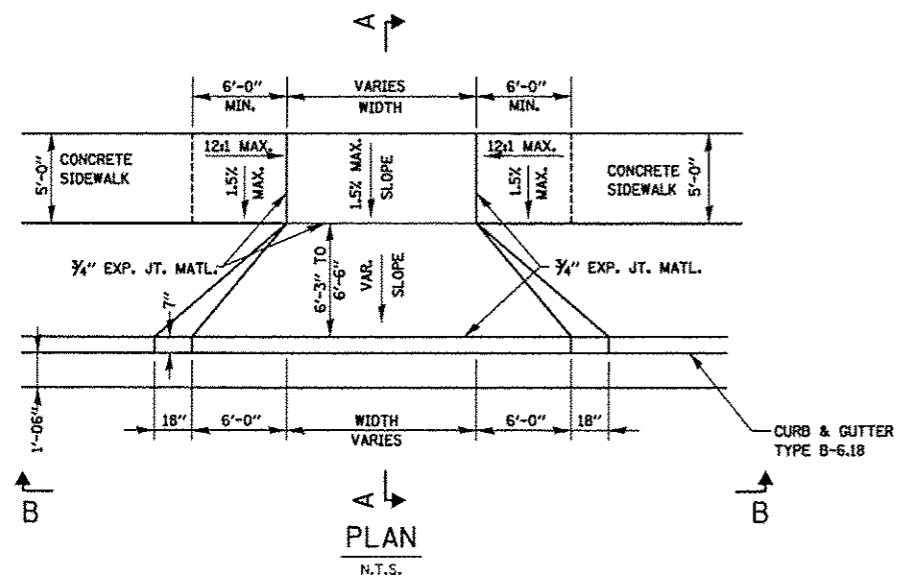
CABLE DIAGRAM LEGEND

-  ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  CABLE SPLICE
-  INDICATES NUMBER OF CONDUCTORS IN CABLE
-  ELECTRICAL CABLE LEAD-IN 1 PAIR
-  PROPOSED PEDESTRIAN PUSH-BUTTON
-  EXISTING PEDESTRIAN PUSH-BUTTON
-  EXISTING PEDESTRIAN SIGNAL HEAD
-  EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  EXISTING TRAFFIC SIGNAL HEAD
-  EXISTING DETECTOR LOOP
-  PROPOSED DETECTOR LOOP

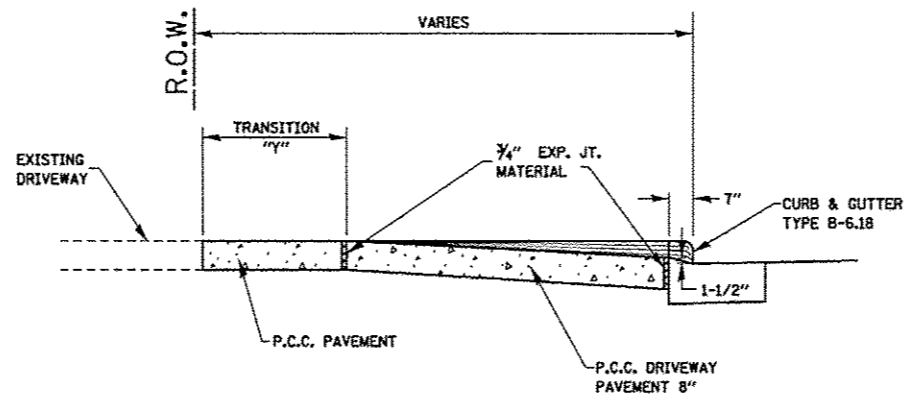


CABLE DIAGRAM

FILE NAME * Traffic Signal Plan 04.dgn	USER NAME * Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	TRAFFIC SIGNAL PLAN JOHNSON ROAD AND WABASH AVENUE		E.A. RTE.	SECTION 11-00017-00-BT	COUNTY MADISON	TOTAL SHEETS 54	SHEET NO. 42	
	PLOT SCALE = #SCALE#	CHECKED - SAS	REVISED -		SCALE: NTS		SHEET NO. 4 OF 4 SHEETS		CONTRACT NO. 97610			
	PLOT DATE = 10/5/2015	DATE - 7/10/15	REVISED		ILLINOIS FED. AID PROJECT							

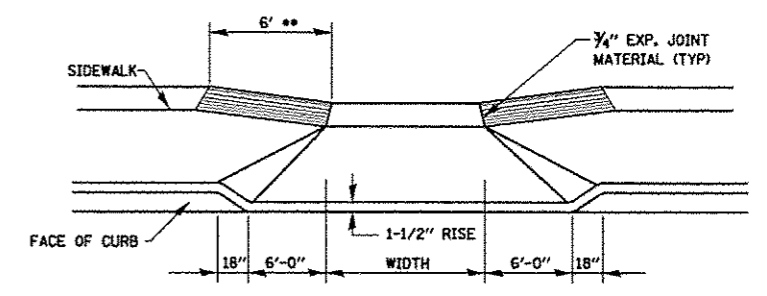


PLAN
N.T.S.



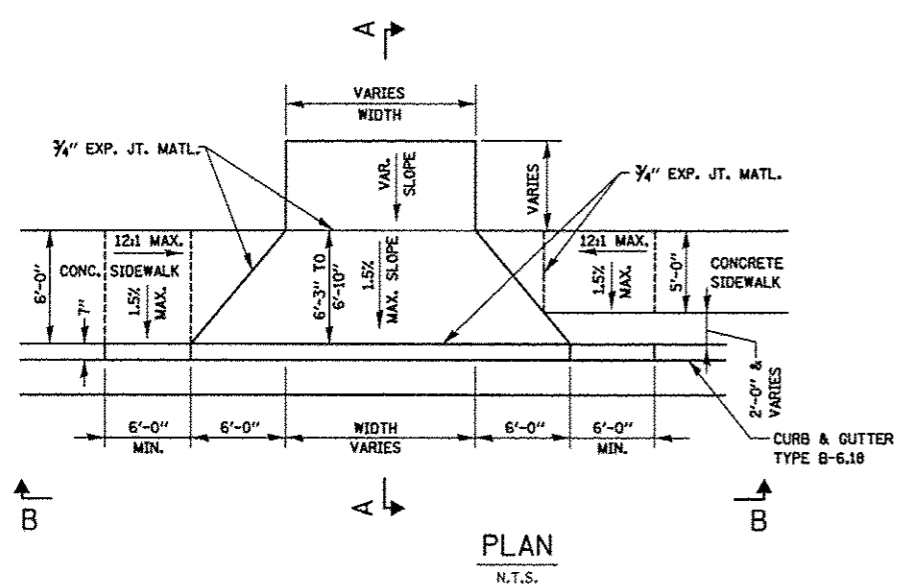
SECTION A-A
N.T.S.

DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SIDEWALK
N.T.S.
(C.E.) STA. 13+67.58 RT

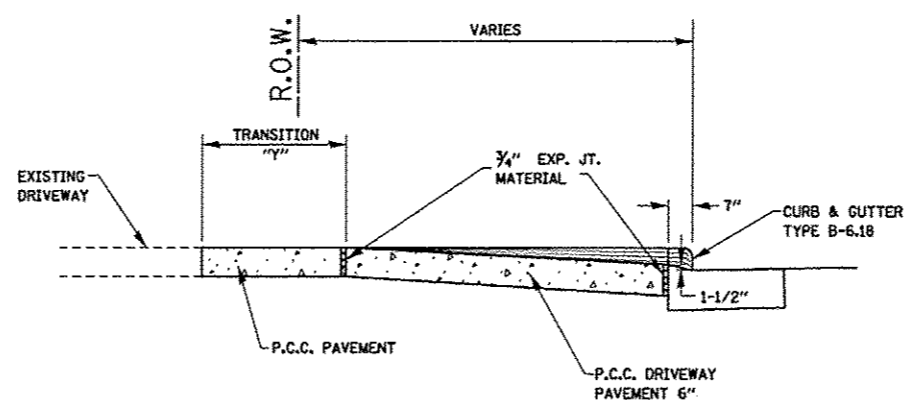


SECTION B-B
N.T.S.

** SLOPE SIDEWALK AT A 12:1 MAXIMUM TO MATCH DRIVEWAY APRON ELEVATION (TYPICAL BOTH SIDES)

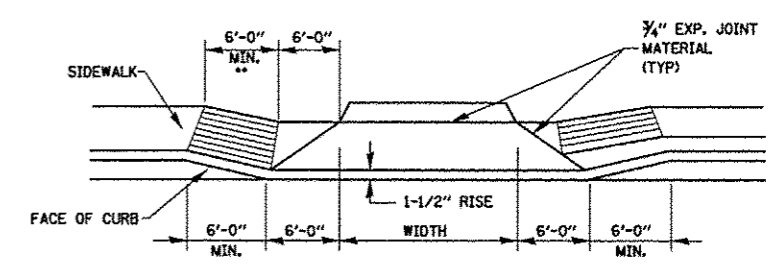


PLAN
N.T.S.



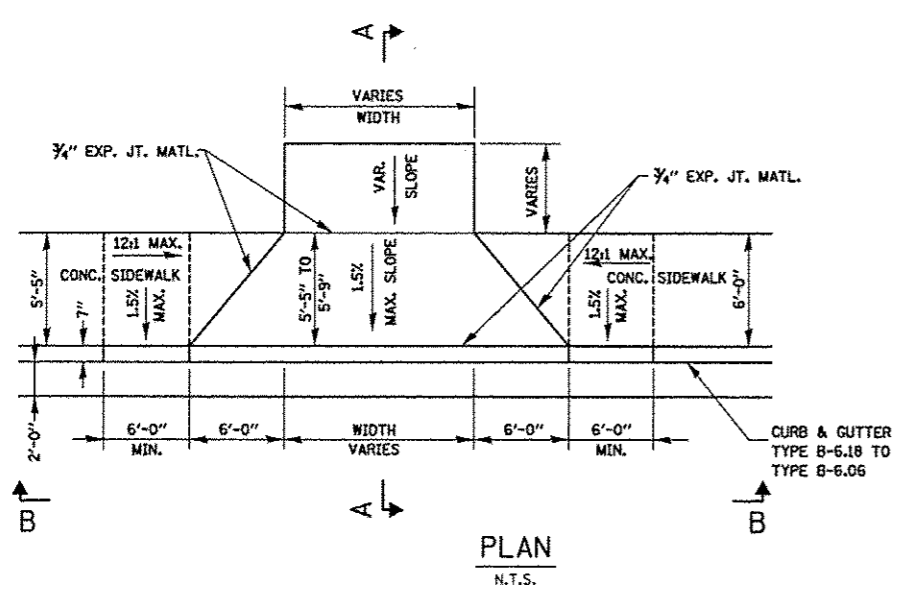
SECTION A-A
N.T.S.

DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SIDEWALK
N.T.S.
(F.E.) STA. 14+84.97 RT

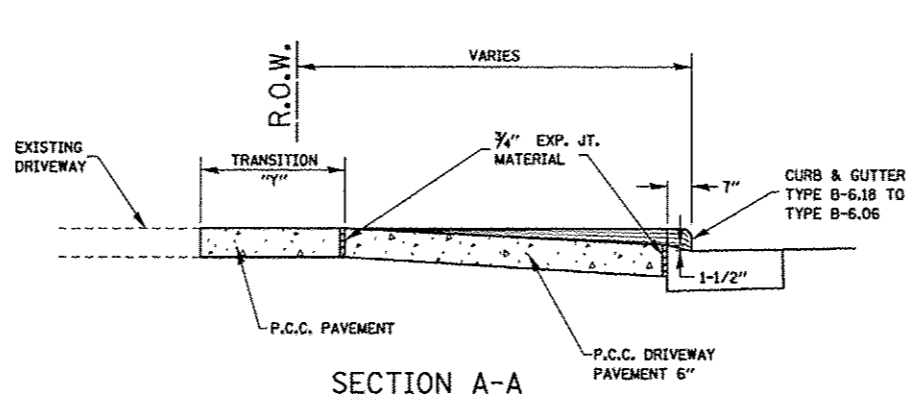


SECTION B-B
N.T.S.

** SLOPE SIDEWALK AT A 12:1 MAXIMUM TO MATCH DRIVEWAY APRON ELEVATION (TYPICAL BOTH SIDES)

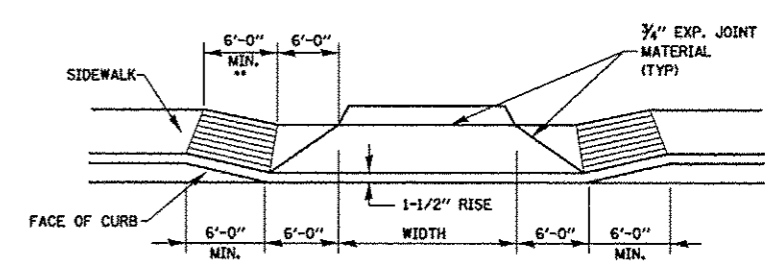


PLAN
N.T.S.



SECTION A-A
N.T.S.

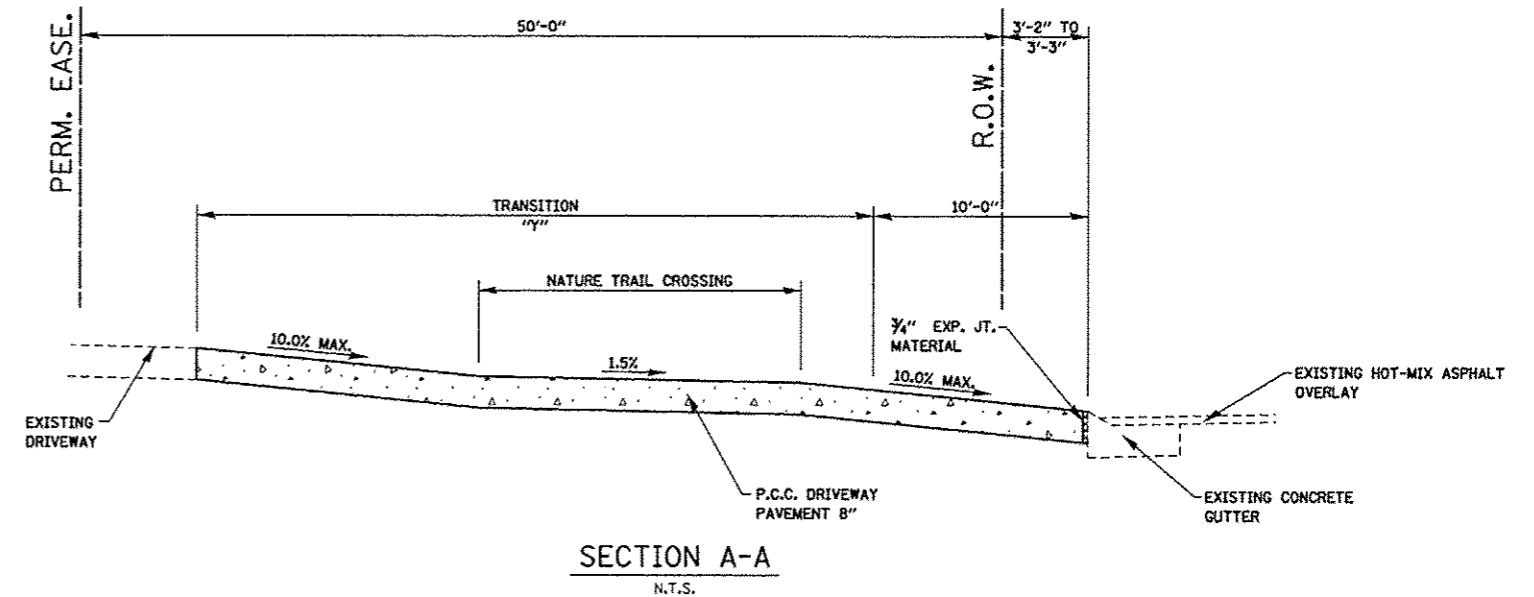
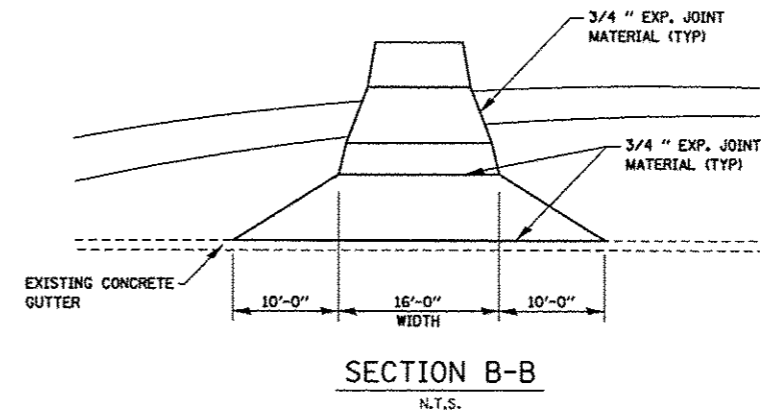
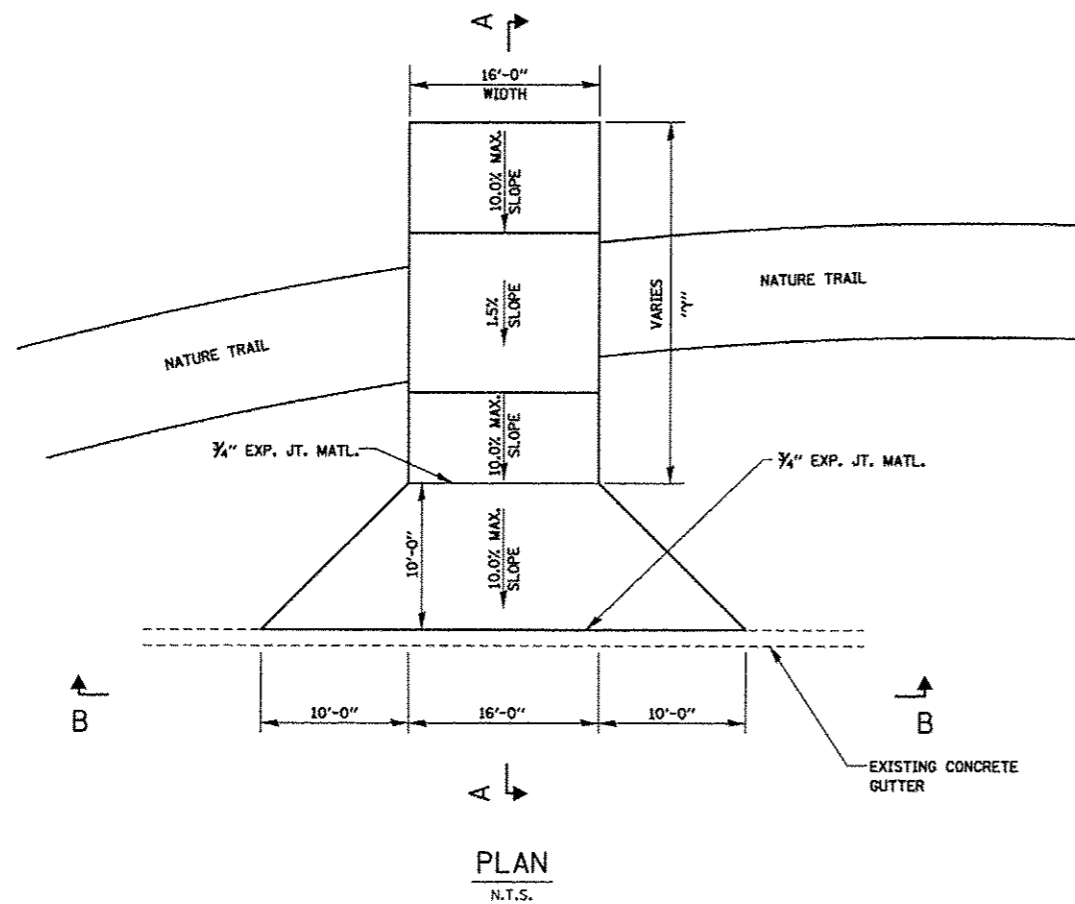
DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SIDEWALK
N.T.S.
(F.E.) STA. 15+58.86 RT



SECTION B-B
N.T.S.

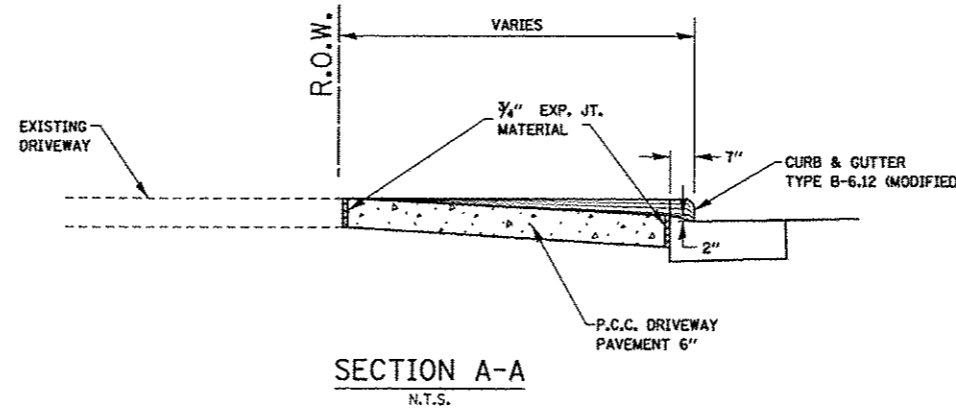
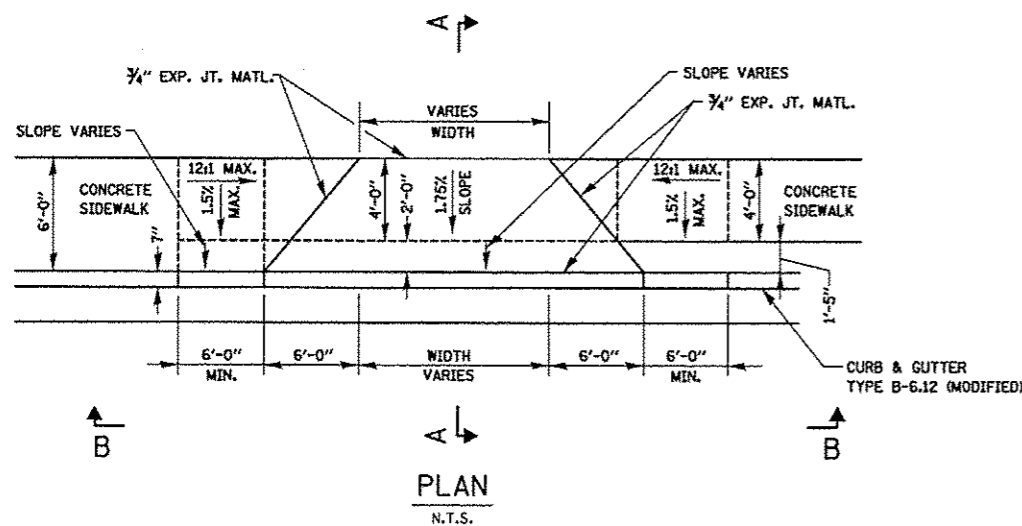
** SLOPE SIDEWALK AT A 12:1 MAXIMUM TO MATCH DRIVEWAY APRON ELEVATION (TYPICAL BOTH SIDES)

FILE NAME = entrance_details.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	ENTRANCE DETAILS - ST. CLAIR AVENUE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JUB	REVISED -		SCALE: NTS	SHEET 1 OF 2 SHEETS	STA.	TO STA.	11-00017-00-BT	MADISON	54	43
		CHECKED - SAS	REVISED -									
		DATE - 7/10/15	REVISED -									
		PLOT SCALE = #SCALE#										
		PLOT DATE = 10/05/2015										
								CONTRACT NO. 97610				
								ILLINOIS FED. AID PROJECT				



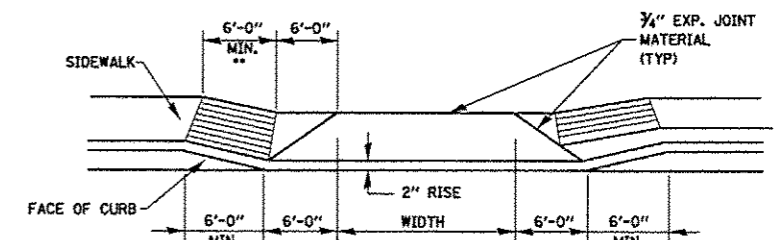
DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SIDEWALK

N.T.S.
(C.E.) STA. 51+61.98
(C.E.) STA. 52+49.49



DRIVEWAY ENTRANCE DETAIL
WITH ADJACENT SIDEWALK

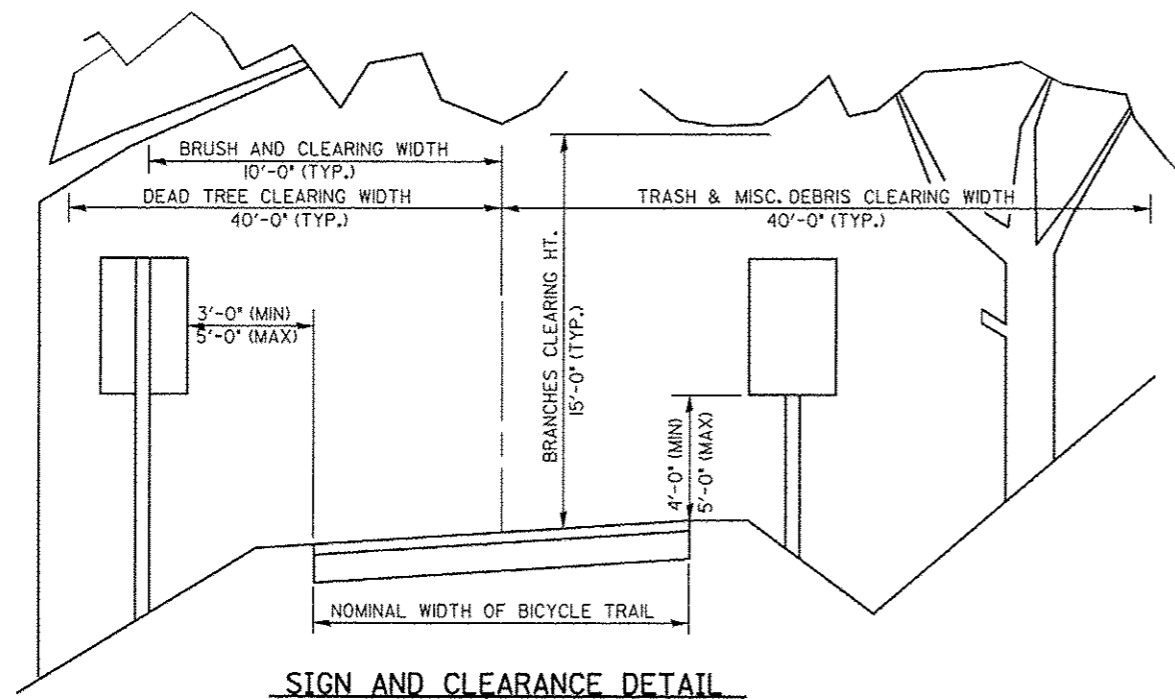
N.T.S.
(P.E.) STA. 100+58.78 RT



SECTION B-B
N.T.S.

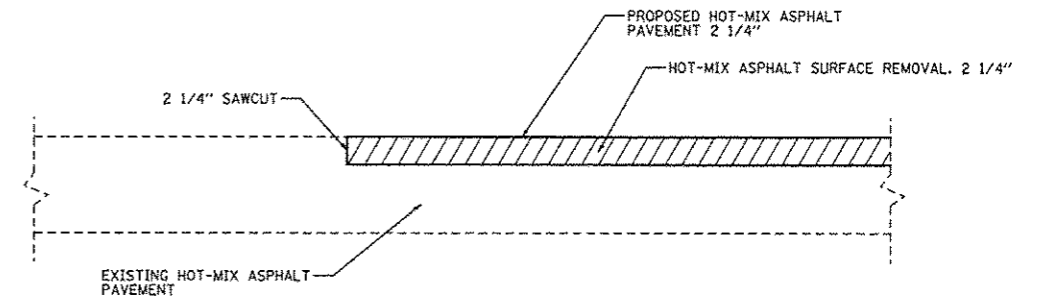
** SLOPE SIDEWALK AT A 12:1 MAXIMUM
TO MATCH DRIVEWAY APRON ELEVATION
(TYPICAL BOTH SIDES)

FILE NAME = entrance details.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	ENTRANCE DETAILS - WABASH AVENUE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - JJB	REVISED -		SCALE: NTS	SHEET 2 OF 2 SHEETS	STA. TO STA.	11-00017-00-BY	MADISON	54	44	
	PLOT DATE = 10/5/2015	CHECKED - SAS	REVISED -					CONTRACT NO. 97610				
		DATE - 7/10/15	REVISED -					ILLINOIS FED. AID PROJECT				



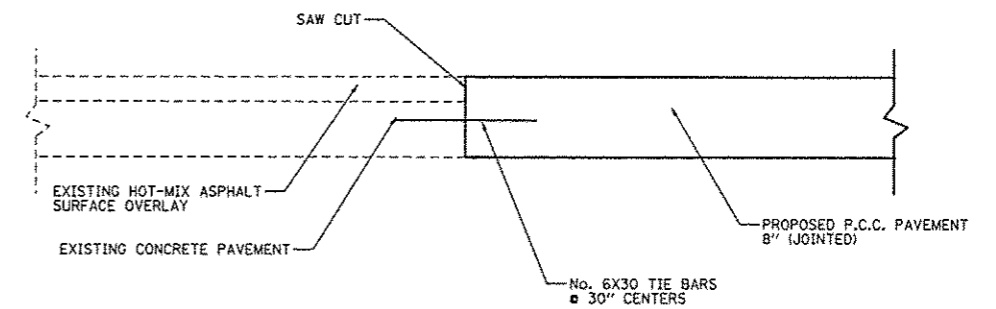
SIGN AND CLEARANCE DETAIL

NOTE: USE 5'-0" CLEARANCE WITH ONE (1) SIGN,
USE 4'-0" CLEARANCE WHEN MULTIPLE SIGNS
PLACED ON SAME WOOD POST.



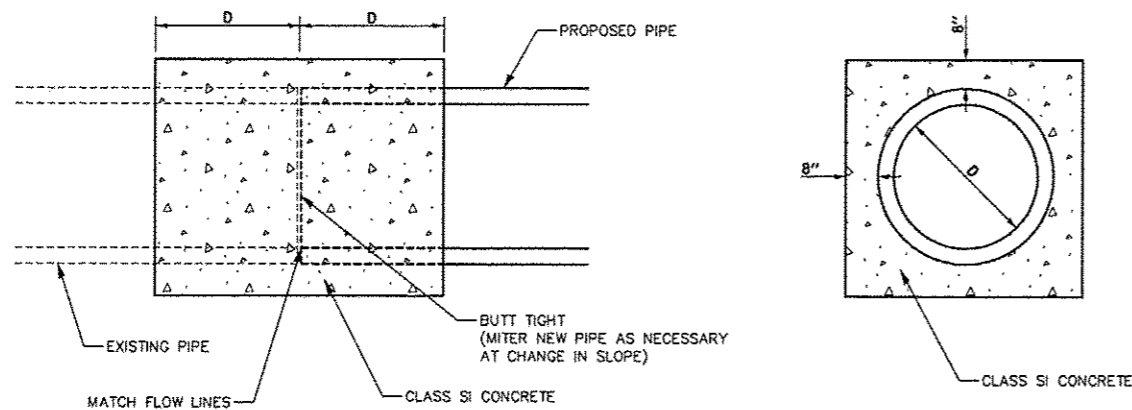
BUTT JOINT DETAIL

N.T.S.
ST. CLAIR AVENUE



BUTT JOINT DETAIL

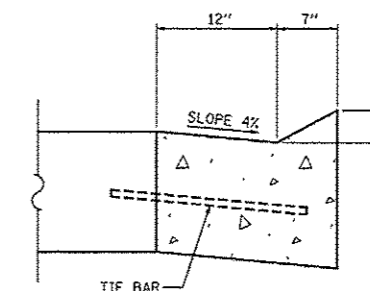
N.T.S.
WABASH AVENUE



D = PIPE DIAMETER

CONCRETE COLLAR DETAIL

N.T.S.



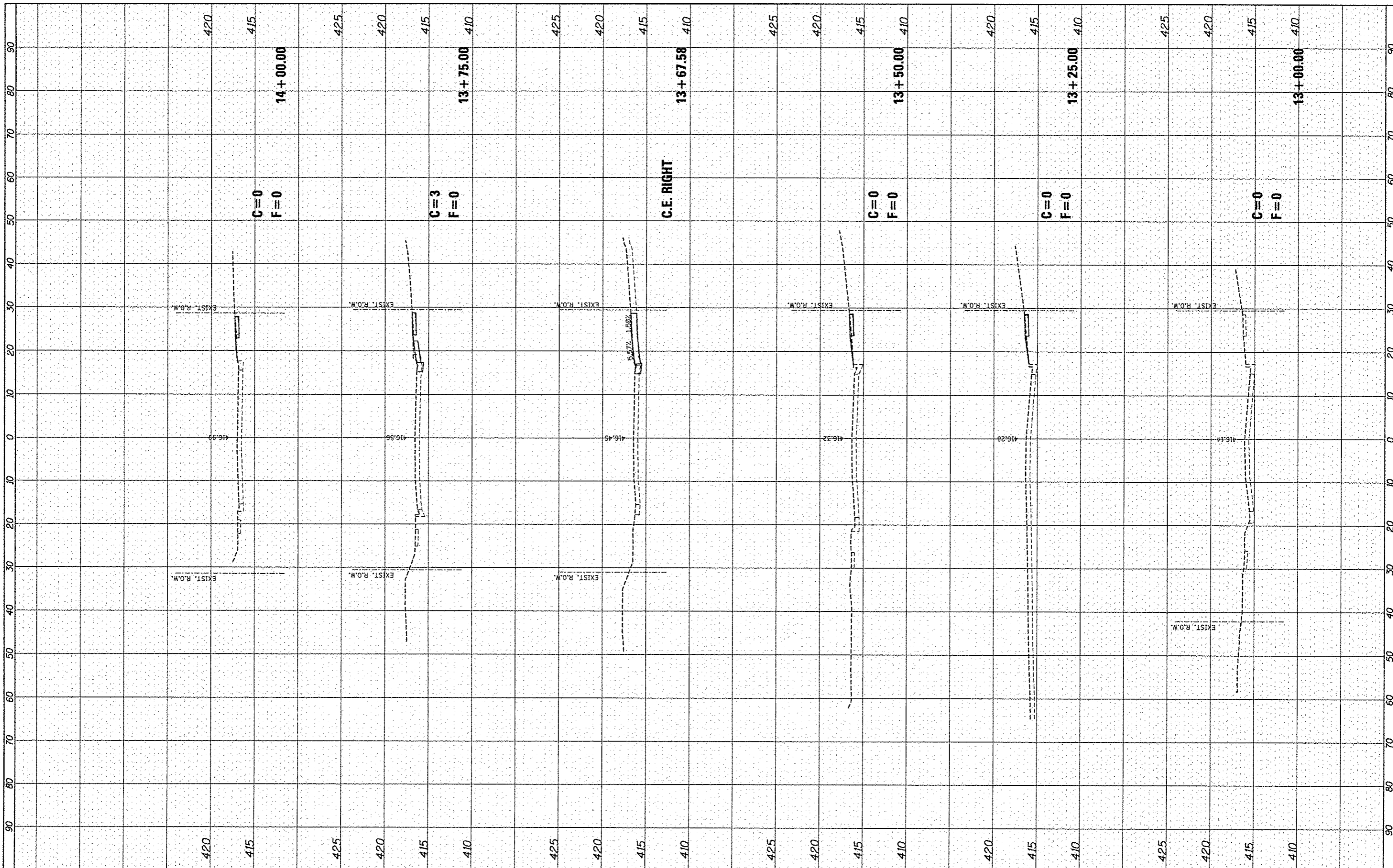
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)

N.T.S.
WABASH AVENUE STA. 100+41.23 RT TO STA. 100+70.78 RT

FILE NAME = entrance_details.dgn	USER NAME = Scott	DESIGNED - SAS	REVISED -	MADISON COUNTY MASS TRANSIT DISTRICT SAFE ROUTES TO SCHOOL - GRANITE CITY	MISCELLANEOUS DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	CHECKED - SAS	REVISED -				11-00017-00-BT	MADISON	54	45	
PLOT DATE = 10/5/2015	DATE - 7/10/15	REVISED -	REVISED -	SCALE: NTS	SHEET 1 OF 1 SHEETS	CONTRACT NO. 97610		ILLINOIS FED. AID PROJECT			

FINN	TURNED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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



FILE NAME = xplot.clair.dgn

USER NAME =	Scott	DESIGNED -	SAS	REVISED -	
PLLOT SCALE =	#SCALE#	DRAWN -	JJB	REVISED -	
PLLOT DATE =	18/5/2015	CHECKED -	SAS	REVISED -	
		DATE -	7/10/15	REVISED -	

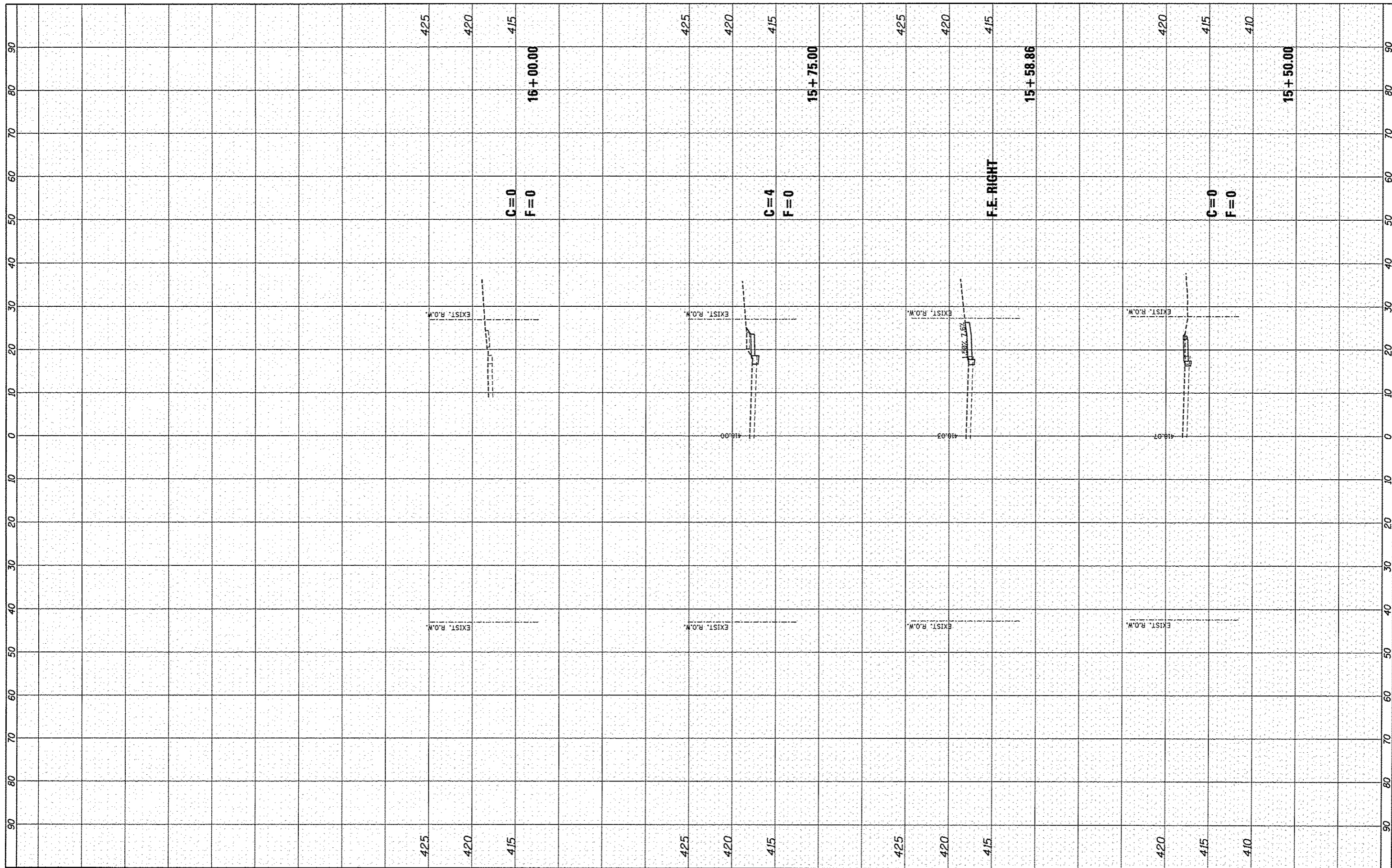
**MADISON COUNTY MASS TRANSIT DISTRICT
SAFE ROUTES TO SCHOOL - GRANITE CITY**

**CROSS SECTIONS
ST CLAIR AVENUE**
SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. 13+00.00 TO STA. 14+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	46
CONTRACT NO. 97610				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = xsp10t clair.dgn

USER NAME = Scott
 DESIGNED - SAS
 DRAWN - JJB
 CHECKED - SAS
 DATE - 7/10/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**MADISON COUNTY MASS TRANSIT DISTRICT
 SAFE ROUTES TO SCHOOL - GRANITE CITY**

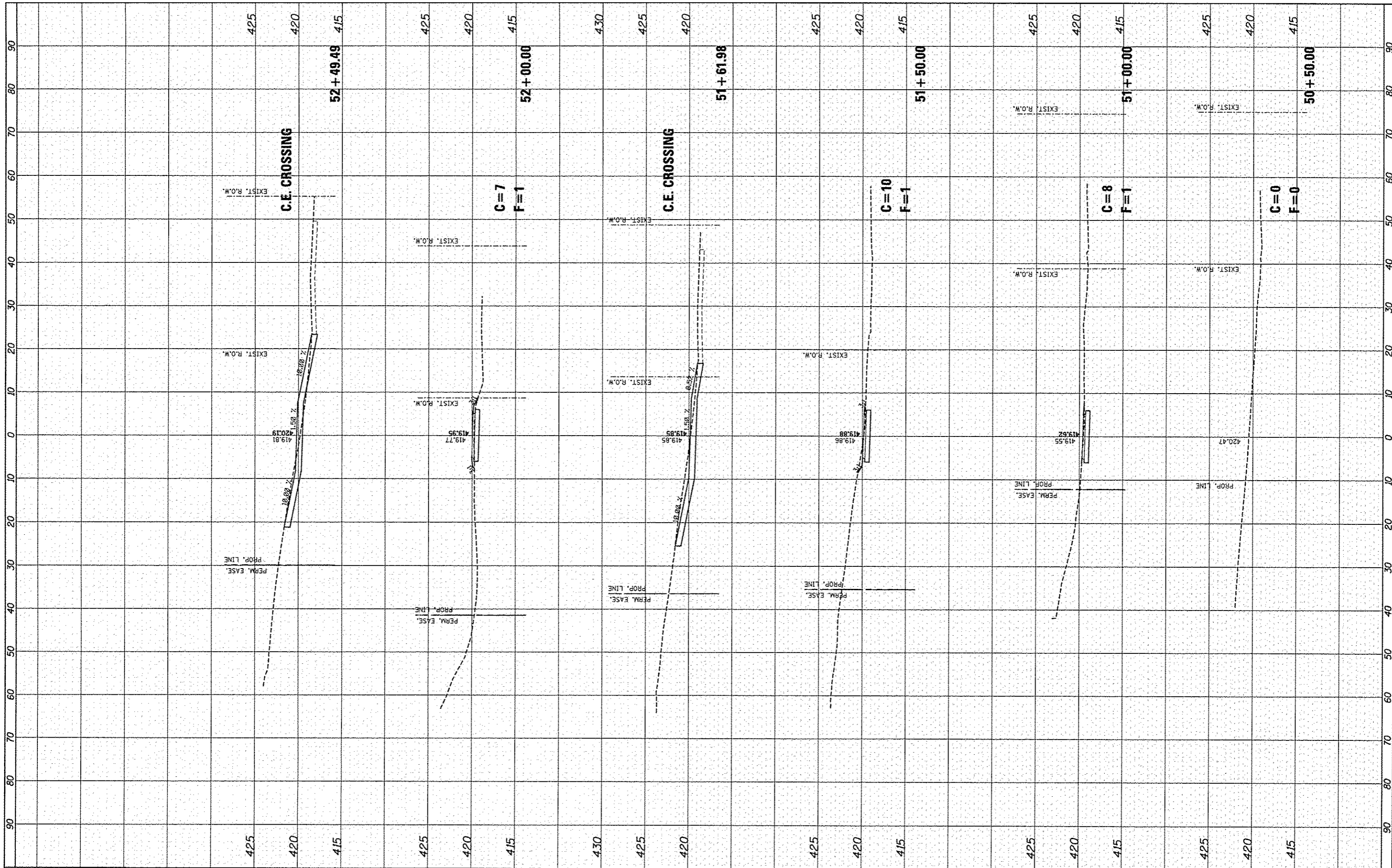
SCALE: 1"=10'
 SHEET 3 OF 3 SHEETS
 STA. 15+25.00 TO STA. 15+75.00

**CROSS SECTIONS
 ST CLAIR AVENUE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	48
CONTRACT NO. 97610				
[ILLINOIS] FED. AID PROJECT				

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

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



FILE NAME = xspilot trailfinal.dgn

USER NAME = Scott
 DESIGNED - SAS
 DRAWN - JJB
 CHECKED - SAS
 DATE - 7/10/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

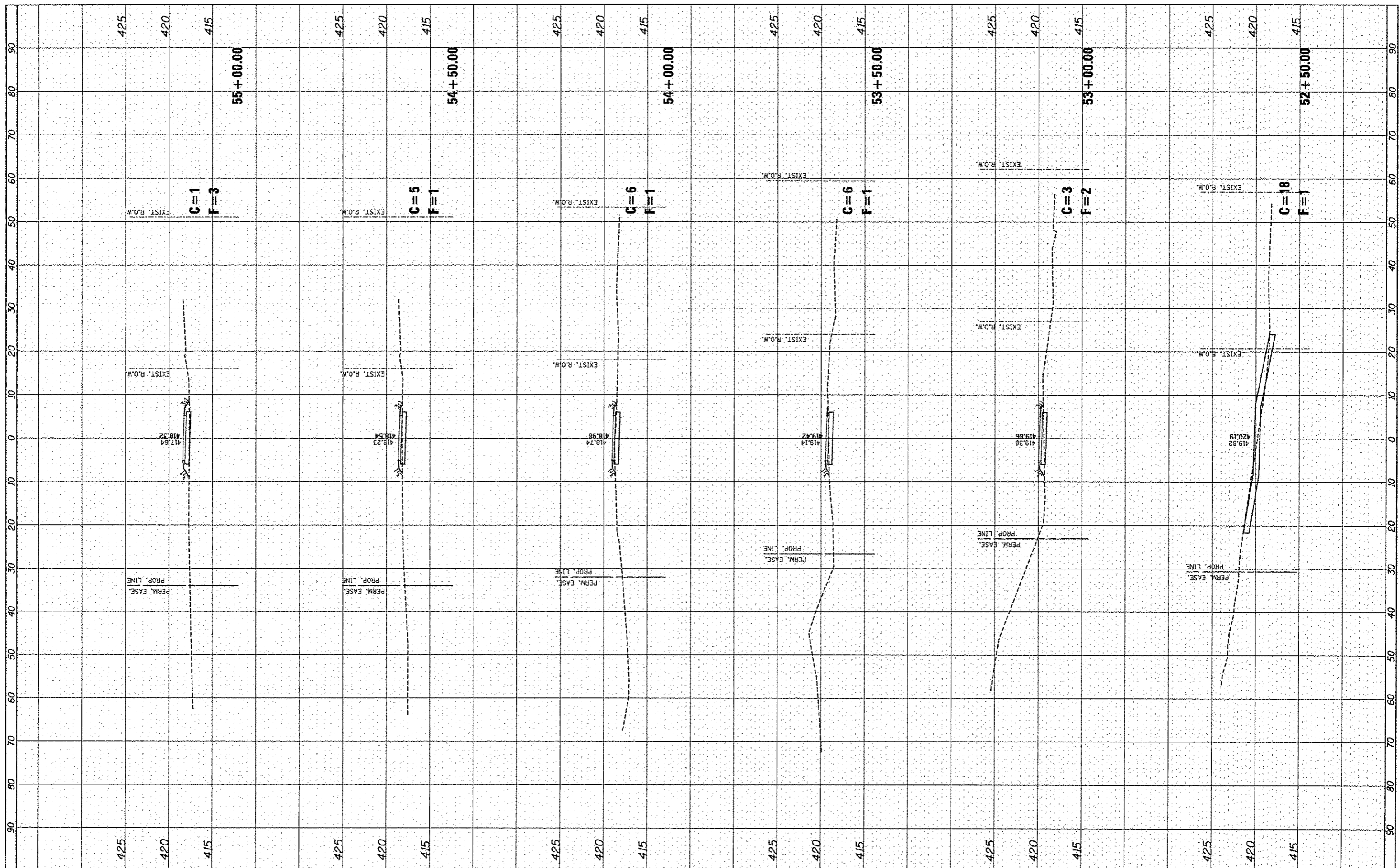
**MADISON COUNTY MASS TRANSIT DISTRICT
 SAFE ROUTES TO SCHOOL - GRANITE CITY**

**CROSS SECTIONS
 MCT NATURE TRAIL**
 SCALE: 1"=10' SHEET 1 OF 5 SHEETS STA. 50+50.00 TO STA. 52+49.49

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	49
CONTRACT NO. 97610				
[ILLINOIS] FED. AID PROJECT				

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

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



FILE NAME = xsp10t_walfinal.dgn

USER NAME = Scott
 PLOT SCALE = *SCALE*
 PLOT DATE = 10/5/2015

DESIGNED - SAS
 DRAWN - JJB
 CHECKED - SAS
 DATE - 7/10/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**MADISON COUNTY MASS TRANSIT DISTRICT
 SAFE ROUTES TO SCHOOL - GRANITE CITY**

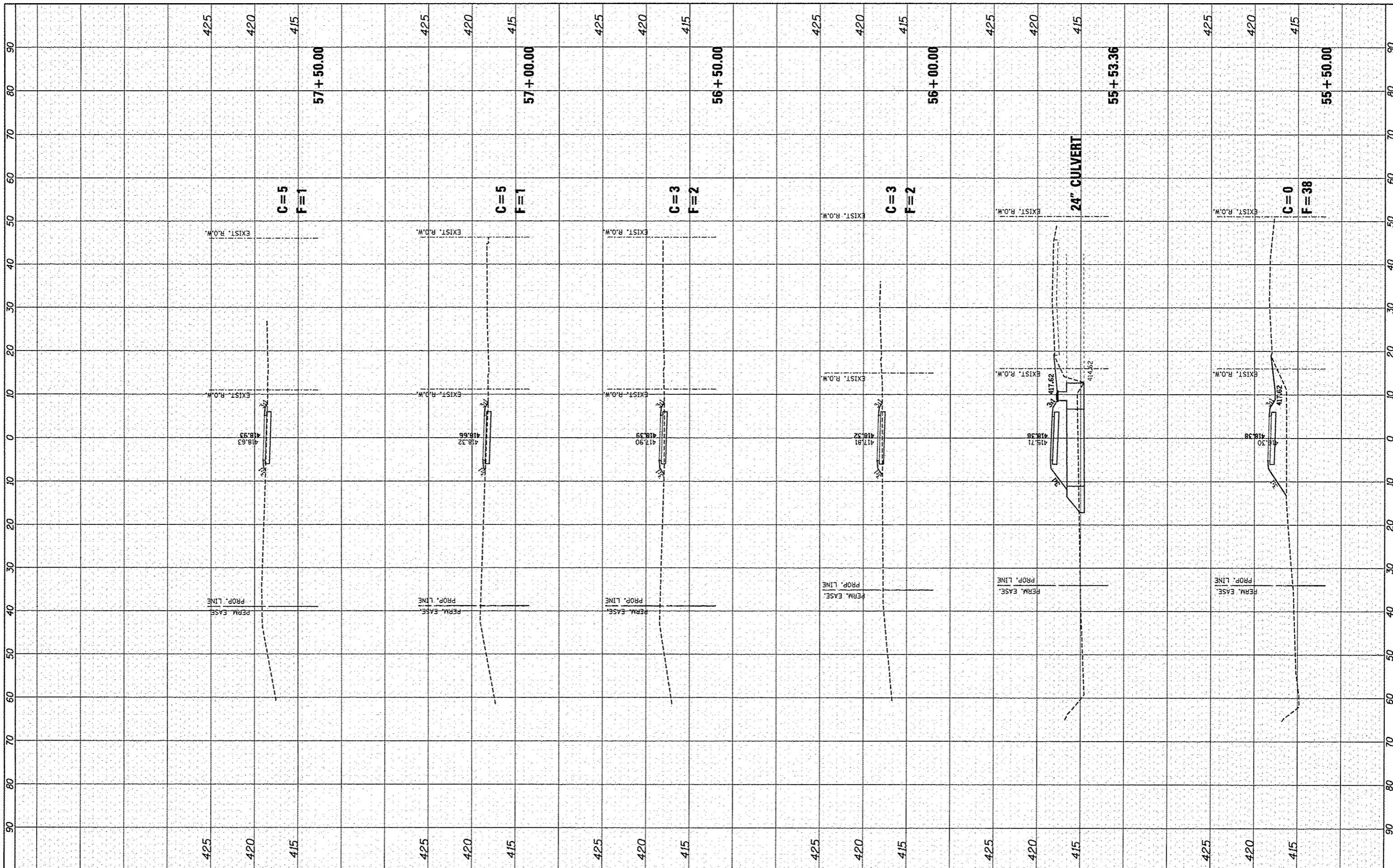
**CROSS SECTIONS
 MCT NATURE TRAIL**

SCALE: 1"=10' SHEET 2 OF 5 SHEETS STA. 52+50.00 TO STA. 55+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	50
			CONTRACT NO. 97610	
ILLINOIS FED. AID PROJECT				

FINN	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	NOTE BOOK	
	AREAS CHECKED	

ORIGINA	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	NOTE BOOK	
	AREAS CHECKED	



FILE NAME = xsp101 trailfinal.dgn

USER NAME = Scott
 PLOT SCALE = #SCALE#
 PLOT DATE = 10/5/2015

DESIGNED - SAS
 DRAWN - JJB
 CHECKED - SAS
 DATE - 7/10/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

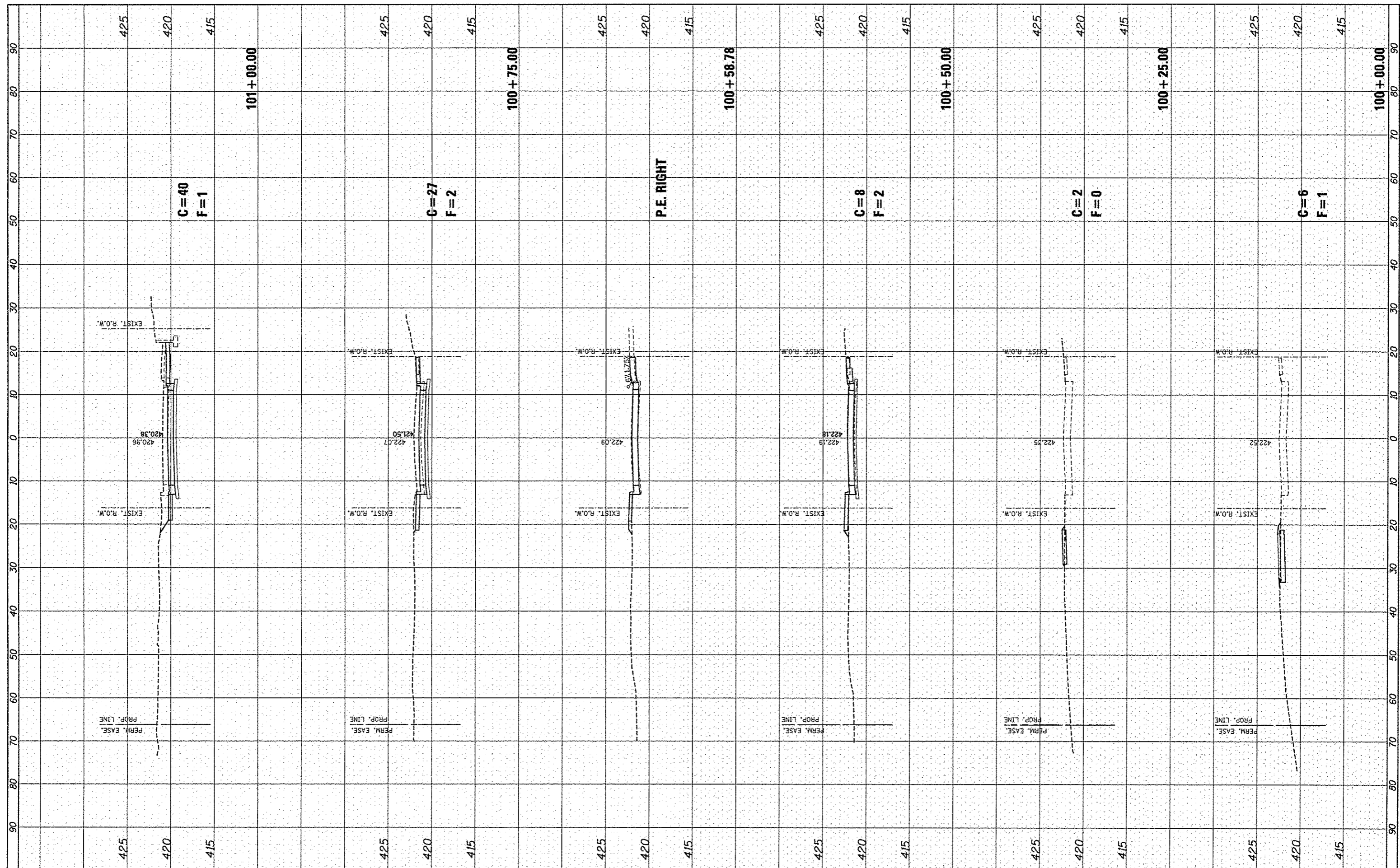
**MADISON COUNTY MASS TRANSIT DISTRICT
 SAFE ROUTES TO SCHOOL - GRANITE CITY**

**CROSS SECTIONS
 MCT NATURE TRAIL**
 SCALE: 1"=10'
 SHEET 3 OF 5 SHEETS
 STA. 55+50.00 TO STA. 57+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	51
CONTRACT NO. 97610				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = xspilot wabash.dgn

USER NAME = Scott
 DESIGNED - SAS
 DRAWN - JJB
 CHECKED - SAS
 DATE - 7/10/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**MADISON COUNTY MASS TRANSIT DISTRICT
 SAFE ROUTES TO SCHOOL - GRANITE CITY**

**CROSS SECTIONS
 WABASH AVENUE**

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. 100+00.00 TO STA. 101+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00017-00-BT	MADISON	54	54
CONTRACT NO. 97610				
ILLINOIS FED. AID PROJECT				