

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	63197	

63197

1-20-2012 LETTING ITEM 070

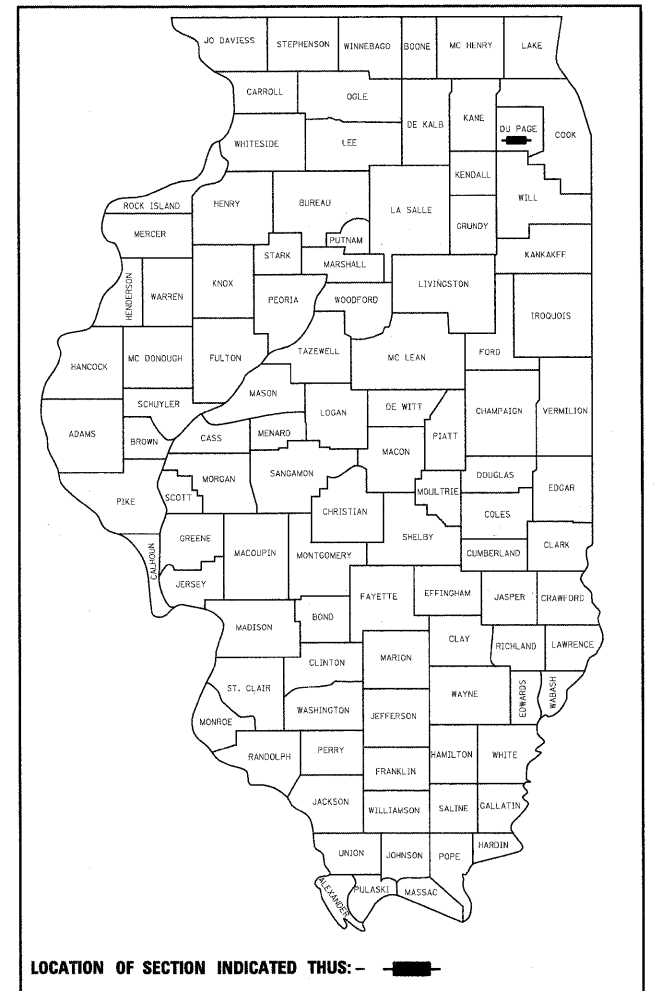
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAP ROUTE 347 (IL RTE 38, ROOSEVELT ROAD)
MICHIGAN AVENUE TO S. ARDMORE AVENUE
SIDEWALK IMPROVEMENTS**

**SECTION 02-00077-00-SW
PROJECT CMF-0347 (016)
DUPAGE COUNTY**

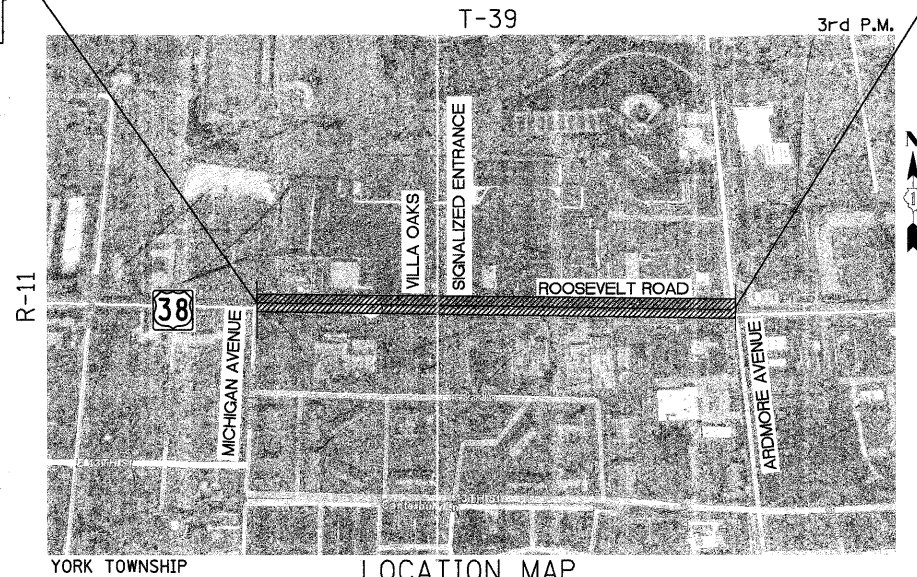
JOB NO. C-91-133-03



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT BEGINS
STA 885+06.93

PROJECT ENDS
STA 905+78.26



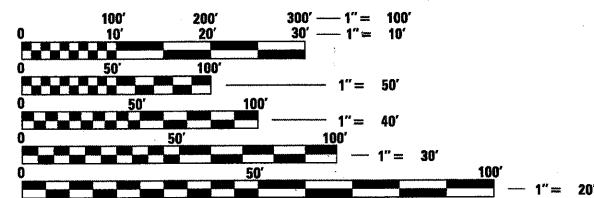
LOCATION MAP
NOT TO SCALE

NET LENGTH OF PROJECT = 2,071.33 FT = 0.392 MILES
GROSS LENGTH = 2,071.33 FT = 0.392 MILES



20 S. ARDMORE AVENUE
VILLAGE OF VILLA PARK, IL 60181

CURRENT ADT = 59,200
POSTED SPEED = 35 MPH
DESIGN SPEED = 40 MPH
ROADWAY CLASSIFICATION:
URBAN, OTHER PRINCIPAL ARTERIAL



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

PROJECT ENGINEER: DAVID P. ALBERS, PE
PROJECT MANAGER: GEORGE GHAREEB, PE

CONTRACT NO. 63197



SIGNED: *[Signature]*
DATE: 5/14/2011

EXPIRES: 11 / 30 / 2011

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	May 18 20 11 <i>[Signature]</i> VILLAGE OF VILLA PARK
PASSED	May 24 20 11 <i>[Signature]</i> DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	MAY 25 20 11 <i>[Signature]</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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OF THE STATE OF ILLINOIS**

225 W. OHIO STREET, FOURTH FLOOR
CHICAGO, IL 60654
(312)467-0123



PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E., 847-705-4406 SCHAUMBURG, IL

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- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 2. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST EXISTING INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREAS. THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
- 4. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 5. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED THEIR LOCATION.
- 6. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

7. REMOVAL OF REMAINING UNDER BRUSH, DEBRIS OR OTHER MISCELLANEOUS ITEMS TO ALLOW THE LANDSCAPING ITEMS PLACEMENT SHALL BE INCLUDED IN THE UNIT PRICE OF EARTH EXCAVATION.

8. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE, OR REPLACED WITH NEW ITEM IF THE ENGINEER DEEMS NECESSARY IN ACCORDANCE WITH ARTICLE 167.20.

9. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN VEST MEETING THE REQUIREMENTS OF ANSI/ISEA 107-199 FOR CONSPICUITY CLASS 2 GARMENTS. HARD HATS SHALL BE WORN BY ALL CONSTRUCTION PERSONNEL WHO ARE SUBJECT TO MATERIAL DROPPING FROM ABOVE. COMPLIANCE WITH THESE REQUIREMENTS WILL BE INCLUDED IN THE COST OF THIS CONTRACT.

10. ABANDONED UNDERGROUND UTILITIES THAT MAY CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER, THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

11. ANY DAMAGE TO UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIALS ARE BEING OBTAINED TO MAKE PERMANENT REPAIR IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31.

12. THE CONTRACTOR SHALL PROTECT UNDERGROUND UTILITY STRUCTURES IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DURING CONSTRUCTION OF THE RELATED ITEMS OF THE PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEMS ASSOCIATED WITH THE CONSTRUCTION OF THE PROJECT.

13. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.

14. SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID EXISTING UTILITIES.

15. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES AND AFFECTED PROPERTY OWNERS TO ELIMINATE CONFLICTS.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE NEWLY POURED CONCRETE FROM VANDALISM, I.E., WRITING, BICYCLE TRACKS, ETC. ANY CONCRETE THAT HAS BEEN DEFACED OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE, AS DIRECTED BY THE ENGINEER'S PATCHING OF THE SURFACE WILL NOT BE CONSIDERED AS AN ACCEPTABLE REPAIR METHOD.

17. A PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, TOP OF CURB, SIDEWALK AND DRIVEWAY SURFACES IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 420.18.

18. SAW CUTTING SHALL BE DONE ALONG THE PERIMETER OF THE AREA TO BE REMOVED OR AS DIRECTED BY THE ENGINEER WHERE ANY PAVEMENT, FRAMES AND GRATES, STRUCTURES, OR DRIVEWAYS ARE TO BE REMOVED, OR ABUT EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALKS OR DRIVEWAYS THAT SHALL REMAIN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE REMOVAL ITEM.

19. THE ENGINEER SHALL BE SOLE JUDGE CONCERNING CURING TIME FOR VARIOUS HOT-MIX ASPHALT LIFTS.

20. UPON PRIOR TWO WEEK NOTICE BY THE ENGINEER, PROPERTY OWNERS SHALL BE RESPONSIBLE FOR RELOCATING PRIVATELY OWNED ENCROACHMENTS INTO THE HIGHWAY RIGHT-OF-WAY AS IDENTIFIED ON THE PLANS.

21. THE HOT-MIX ASPHALT PAVEMENT PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.30 GAL/SQ YD.

UTILITY CONTACTS TELEPHONE #

UTILITY CONTACTS		TELEPHONE #
JOINT UTILITY LOCATION INFORMATION FOR CONTRACTORS (JULIE)		
COMED	JOE STACHO	(630) 424-5704
COMCAST	MARTHA GIERAS	(630) 600-6352
NICOR GAS	CONNIE LANE	(630) 388-3830
VILLAGE OF VILLA PARK	VYDAS JUSKELIS	(630) 834-8505
AT&T/DISTRIBUTION	TOM FOLLIN	(630) 573-6477

FILE NAME =	USER NAME	IDDT	DESIGNED	DA/SC	REVISED	10/24/2011
D183197-ahg-gennote.dgn			DRAWN	BM/CC/BB	REVISED	
	PLOT SCALE	20.0000 / IN.	CHECKED	DA	REVISED	
	PLOT DATE	10/25/2011	DATE	06/08/2011	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF ILLINOIS D.O.T. HIGHWAY STANDARDS
GENERAL NOTES AND COMMITMENTS, SUMMARY OF QUANTITIES**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	2
CONTRACT NO. 63197			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

SP	SI	CODE NO.	PAY ITEM	UNIT	TOTAL	0021
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	17	17
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20
		20101000	TEMPORARY FENCE	FOOT	50	50
		20101100	TREE TRUNK PROTECTION	EACH	5	5
	Δ	20101200	TREE ROOT PRUNING	EACH	8	8
	Δ	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4
	Δ	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	3
		20200100	EARTH EXCAVATION	CU YD	925	925
		20400800	FURNISHED EXCAVATION	CU YD	50	50
	• Δ	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,850	1850
	Δ	21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	40	40
	Δ	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25	25
	Δ	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	25	25
	Δ	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25	25
	Δ	25200110	SODDING, SALT TOLERANT	SQ YD	1,850	1,850
	Δ	25200200	SUPPLEMENTAL WATERING	UNIT	14	14
		28000400	PERIMETER EROSION BARRIER	FOOT	1,622	1,622
		28000510	INLET FILTERS	EACH	29	29
		28100105	STONE RIPRAP, CLASS A3	SQ YD	20	20
		28200200	FILTER FABRIC	SQ YD	20	20
		31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	947	947
	•	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	475	475
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	27	27
	•	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 50	TON	63	63
	•	42000900	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	100	100
		42001300	PROTECTIVE COAT	SQ YD	2,744	2,744
	•	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	218	218
	•	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	15,977	15,977
	•	42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SQ FT	4,213	4,213
		42400800	DETECTABLE WARNINGS	SQ FT	55	55
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	84	84
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,140	1,140
		44000300	CURB REMOVAL	FOOT	508	508
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	346	346
		44000600	SIDEWALK REMOVAL	SQ FT	105	105
		44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	3	3
		44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	32	32
		50200100	STRUCTURE EXCAVATION	CU YD	120	120
		50901760	PIPE HANDRAIL	FOOT	42	42
	Δ	56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1
	• Δ	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1
		60255500	MANHOLES TO BE ADJUSTED	EACH	10	10
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3
		60600605	CONCRETE CURB, TYPE B	FOOT	486	486
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	205	205
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	153	153
	• Δ	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,015	1015
	• Δ	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1
	• Δ	66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8
		67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5	5
		67100100	MOBILIZATION	L SUM	1	1
		70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1

SP	SI	CODE NO.	PAY ITEM	UNIT	TOTAL	0021
		72000100	SIGN PANEL - TYPE 1	SQ FT	66	66
		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6
		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	17	17
		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	84	84
		73100100	BASE FOR TELESCOPING SIGN SUPPORT	EACH	2	2
	Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	18	18
	Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	31	31
	Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	666	666
	Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	191	191
	Δ	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	28	28
	Δ	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	15	15
	• Δ	81400100	HANDHOLE	EACH	1	1
	• Δ	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2
	• Δ	87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	12	12
	Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	496	496
	Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	395	395
	Δ	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	147	147
	• Δ	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	512	512
	• Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	678	678
	• Δ	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT	EACH	2	2
	• Δ	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	12
	• Δ	X8780100	CONCRETE FOUNDATION (SPECIAL)	FOOT	14	14
	Δ	87900200	DRILL EXISTING HANDHOLE	EACH	4	4
	• Δ	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2
	• Δ	88600100	DETECTOR LOOP, TYPE I	FOOT	194	194
	• Δ	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2	2
	Δ	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1	1
	Δ	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2	2
	Δ	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	3	3
	Δ	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	1
	Δ	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	324	324
	Δ	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	53	53
	• Δ	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1
	Δ	A2004620	TREE, GLEDISTIA TRIACANTHOS INFERMIS (THORNLESS COMMON HONEYLOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4
	Δ	C2C05824	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	15	15
	Δ	C2011036	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIANLILAC), 3' HEIGHT, BALLED AND BURLAPPED	EACH	14	14
	• Δ	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	1	1
	• Δ	K0036120	MULCH PLACEMENT 4"	SQ YD	43	43
	• Δ	X0323553	ORNAMENTAL FENCE, WROUGHT IRON	FOOT	290	290
	•	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	22	22
	•	X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	59	59
	•	X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	39	39
	•	X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	3,213	3,213
	•	X5539000	STORM SEWERS TO BE CLEANED 60"	FOOT	110	110
	•	X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	17	17
	• Δ	X8140115	HANDHOLE TO BE ADJUSTED	EACH	4	4
	•	XX001532	PROJECT SIGN	EACH	2	2
	•	XX006429	SIDEWALK, SPECIAL	SQ FT	305	305
	•	XX008438	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1
	•	Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	955	955

SP	SI	CODE NO.	PAY ITEM	UNIT	TOTAL	0021
•		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
•		Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	10	10
•		Z0019600	DUST CONTROL WATERING	UNIT	10	10
•	Δ	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL I	EACH	1	1
•		Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	290	290
•	Δ	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1

• SPECIAL PROVISION
Δ SPECIALTY ITEM
+ NON-PARTICIPATION ITEM

FILE NAME =
D163197-sh-t-500.dgn

USER NAME = IDOT
PLOT SCALE = 28.0000' / IN.
PLOT DATE = 10/25/2011

DESIGNED - DA/SC
DRAWN - BM/CC/BB
CHECKED - DA
DATE - 06/08/2011

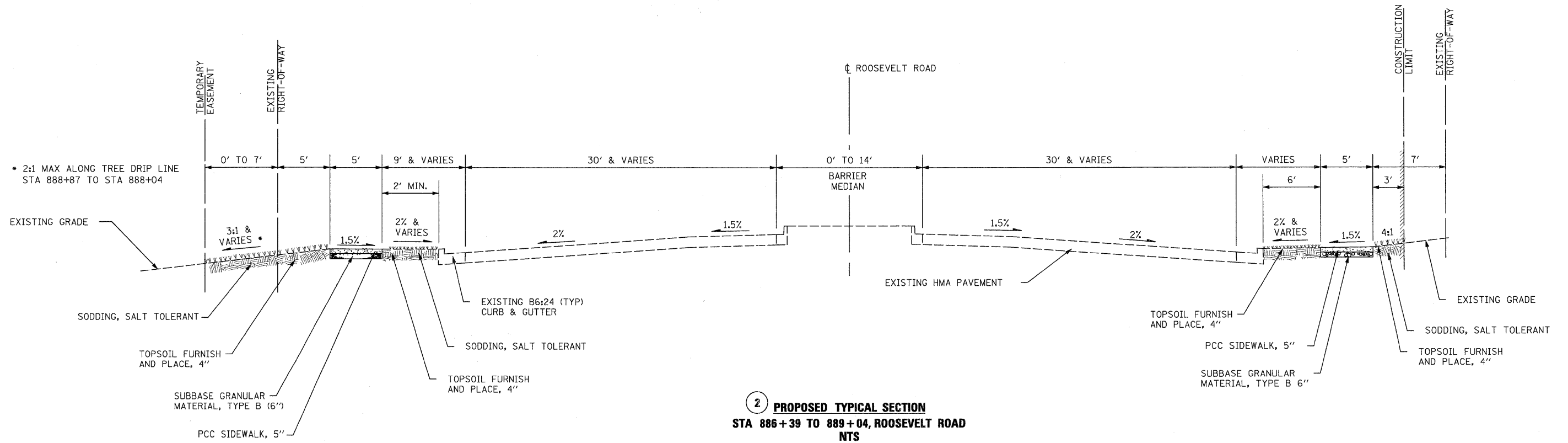
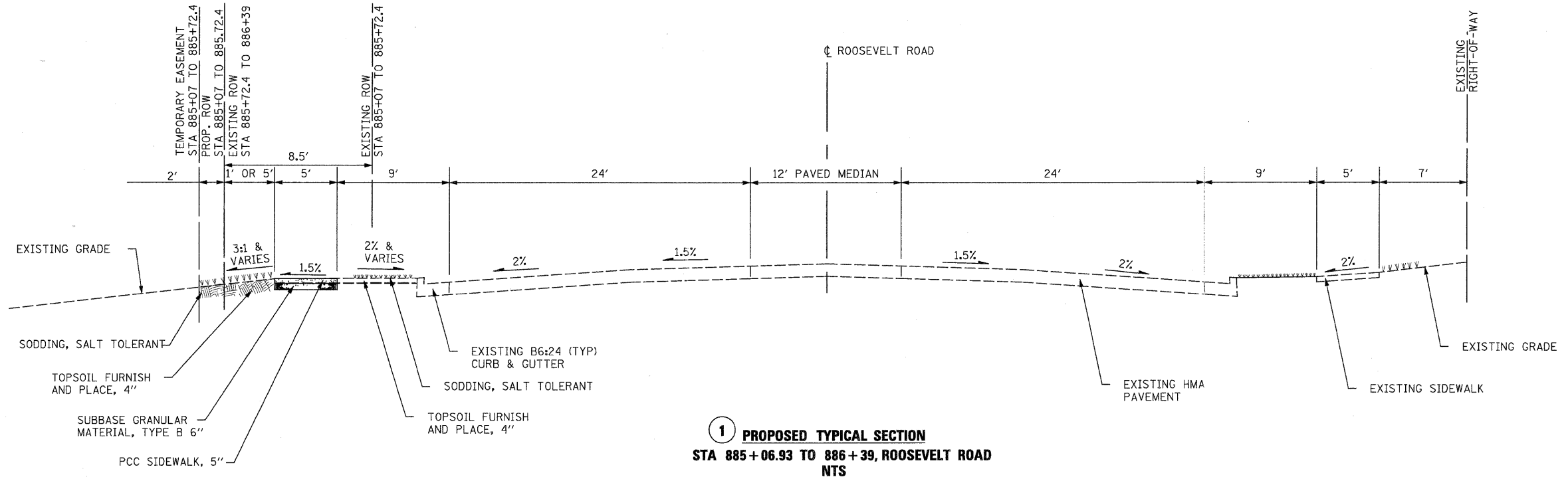
REVISED - 10/24/2011
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: AS SHOWN SHEET NO. 3 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	3
CONTRACT NO. 63197				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011
D163197-ah-typoe101.dgn		DRAWN BM/CC/BB	REVISED
	PLOT SCALE 5/8" = 1'	CHECKED DA	REVISED
	PLOT DATE 10/25/2011	DATE 06/08/2011	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

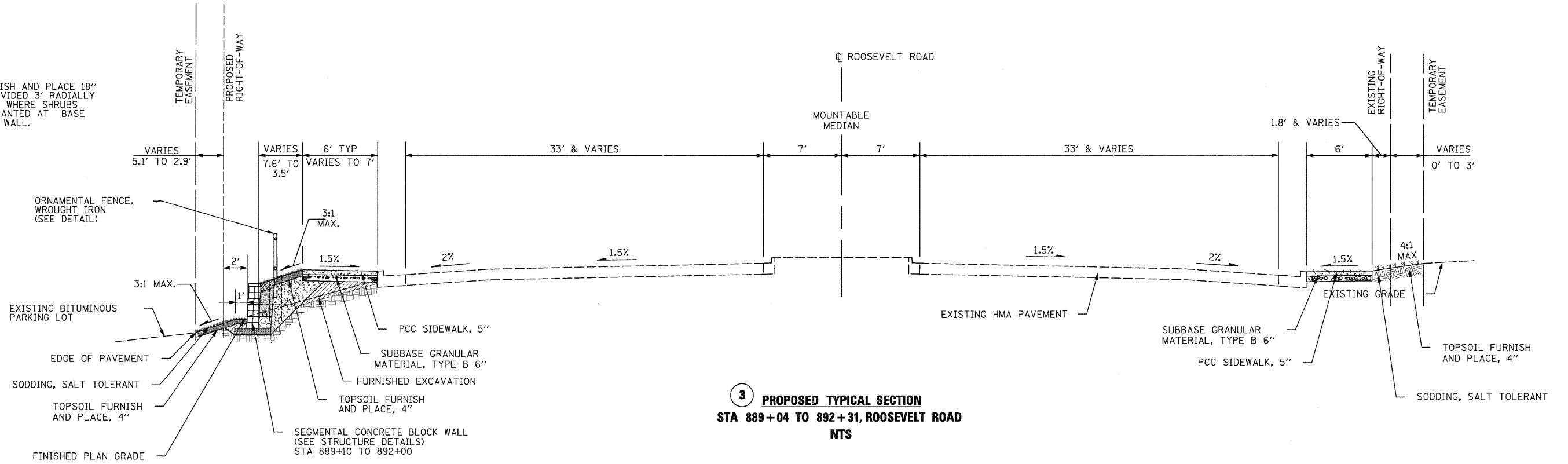
TYPICAL SECTIONS

SCALE: AS SHOWN SHEET NO. 1 OF 5 SHEETS STA. 885+07 TO STA. 889+04

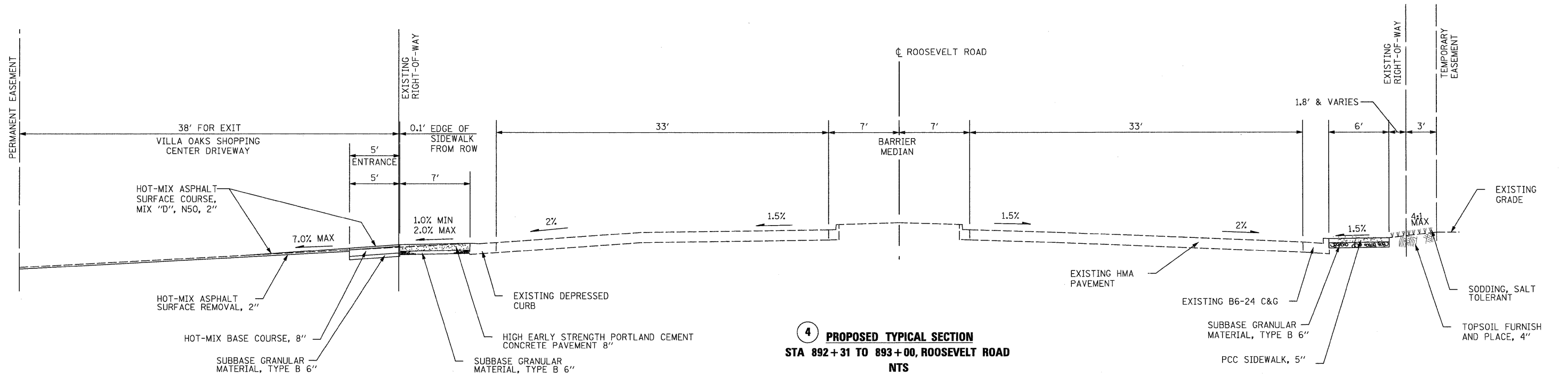
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	4
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63197		

NOTE:

TOPSOIL FURNISH AND PLACE 18" SHALL BE PROVIDED 3' RADIALLY AT LOCATIONS WHERE SHRUBS ARE TO BE PLANTED AT BASE OF RETAINING WALL.



3 PROPOSED TYPICAL SECTION
STA 889+04 TO 892+31, ROOSEVELT ROAD
NTS



4 PROPOSED TYPICAL SECTION
STA 892+31 TO 893+00, ROOSEVELT ROAD
NTS

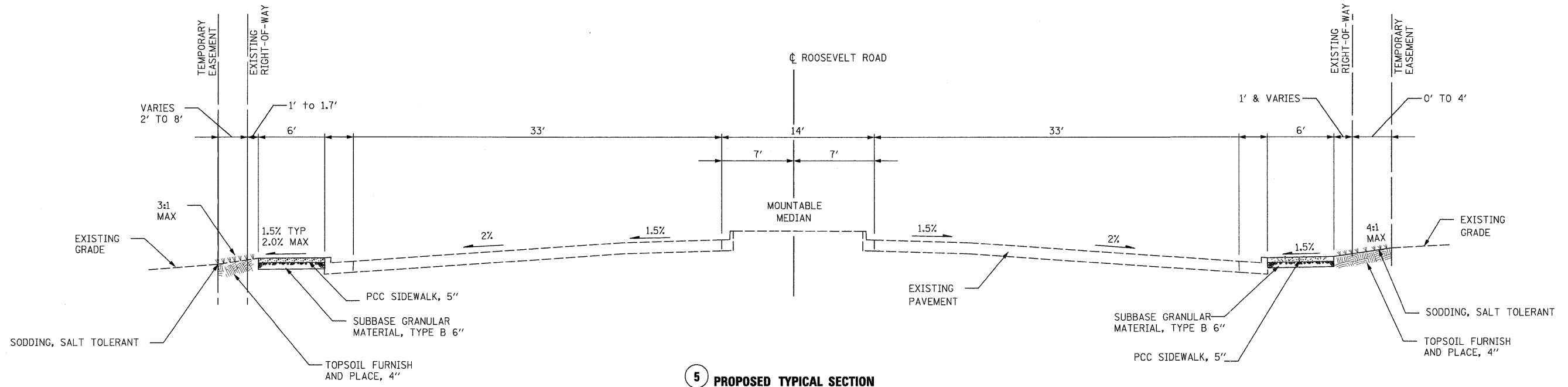
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		DATE 06/08/2011	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

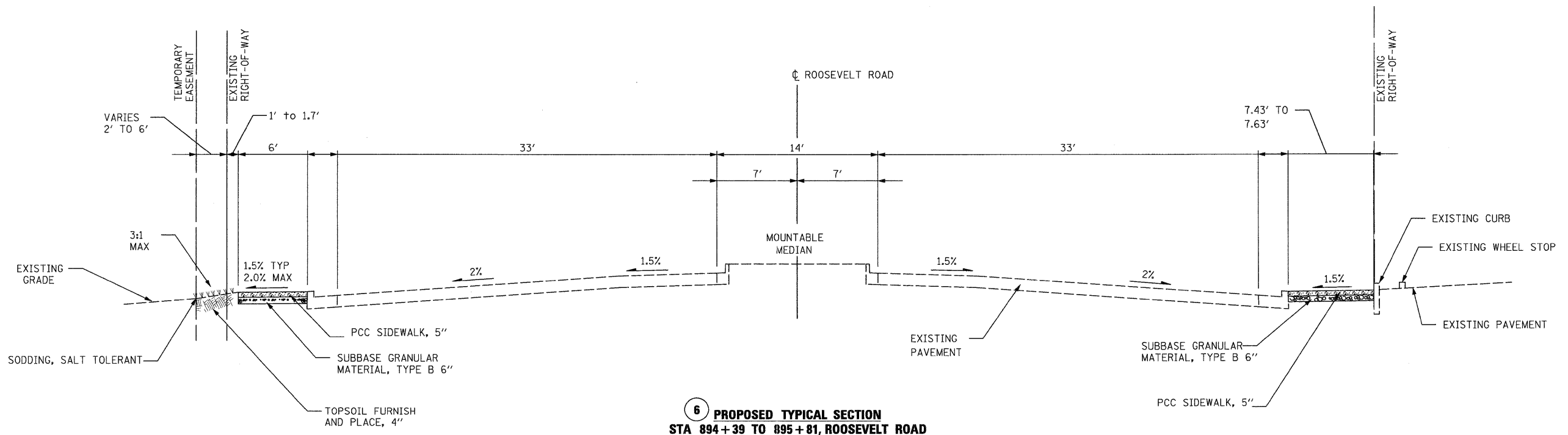
TYPICAL SECTIONS

SCALE: AS SHOWN SHEET NO. 2 OF 5 SHEETS STA. 889+04 TO STA. 893+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	5
CONTRACT NO. 63197				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

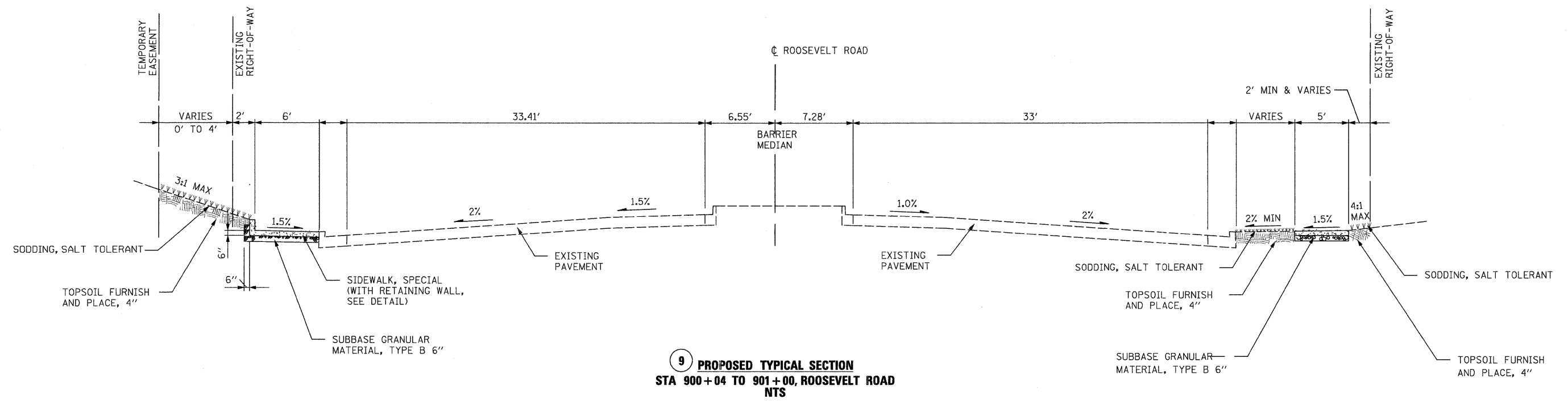


5 PROPOSED TYPICAL SECTION
STA 893+00 TO 894+39, ROOSEVELT ROAD
STA 895+81 TO 897+44, ROOSEVELT ROAD
STA 898+17 TO 899+84, ROOSEVELT ROAD
NTS



6 PROPOSED TYPICAL SECTION
STA 894+39 TO 895+81, ROOSEVELT ROAD
NTS

FILE NAME = D:\63197-sh-typical\03.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 6		
PLOT SCALE 5/8" = 1' / IN.	CHECKED DA	REVISED	SCALE: AS SHOWN			SHEET NO. 3 OF 5 SHEETS	STA. 893+00 TO STA. 899+84	CONTRACT NO. 63197				
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISED	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



9 PROPOSED TYPICAL SECTION
STA 900+04 TO 901+00, ROOSEVELT ROAD
NTS

* HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5MM) ; 2"	4.0% @ 50 GYR
HMA BASE COURSE (HMA BINDER IL-19MM) ; 8"	4.0% @ 50 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19MM)	4.0% @ 70 GYR

NOTE: UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO. YD./IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR
NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE
SPECIAL PROVISIONS.
FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



SCHEDULE OF PAVEMENT REMOVAL QUANTITIES

SHEET NUMBER	DRIVEWAY LOCATION C	44000200 DRIVE PAVE REM SQ YD	44002000 CURB REMOV FT	44000500 COMB CURB GUTTER REM FT	44000157 HMA SURF. REMOVAL SQ YD	44000600 SIDEWALK REMOVAL SQ FT	44002010 CONC MEDIAN REMOVAL SQ FT
SHEET * 10	885+08.48 886+08.97 887+60.70 888+03.25 889+31.42 890+44.82	2 46 40 38 47 54	12 21 27	20 30		42	
SHEET * 11	892+64.96 894+26.39 896+20.66	93 37 65	27 40	56 64	84		39
SHEET * 12	897+19.78 897+62.81 898+80.53 899+76.38 900+19.81 900+49.10 900+96.05 901+28.24 901+79.25	42 116 87 78 36 77 38 40 58	30 22 46 47 30 40 27 27	23			
SHEET * 13	902+18.24 902+65.17 902+89.64 902+91.46 904+82.23 904+90.95 905+61.65	25 25 66 25	27 27	37 42 26 24		63	
TOTAL		1140	508	346	84	105	39

SCHEDULE OF FEATURE ADJUSTMENT QUANTITIES

ITEM NUMBER	ITEM	QUANTITY (EACH)	LOCATIONS
56400100	FIRE HYDRANTS TO BE MOVED	1	STA 903+76 LT
56400300	FIRE HYDRANTS TO BE ADJUSTED	1	STA 901+59 RT
60255500	MANHOLES TO BE ADJUSTED	10	STA 888+93 RT STA 892+08 RT STA 894+70 RT STA 894+82 LT STA 895+53 RT STA 895+79 LT STA 896+65 LT STA 897+80 RT STA 899+48 RT STA 902+93 RT
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	10	(SEE MH LOCATION)
60265700	VALVE VAULTS TO BE ADJUSTED	2	STA 900+11 LT STA 902+64 LT
60266600	VALVE BOXES TO BE ADJUSTED	3	STA 901+02 RT STA 903+28 LT STA 904+29 LT
X8140115	HANDHOLE TO BE ADJUSTED	4	STA 892+14 LT STA 895+44 LT STA 897+37 RT STA 904+72 LT

SCHEDULE OF SIGN REMOVAL QUANTITIES

ITEM NUMBER	ITEM	QUANTITY	LOCATION
72400100	REMOVE SIGN PANEL ASSEMBLY-TYPE A	1 EA 1 EA 1 EA 1 EA 1 EA 1 EA 6 EA	STA 888+65 STA 888+70 STA 889+32 STA 890+47 STA 901+63 STA 903+84
72400310	REMOVE SIGN PANEL - TYPE 1	9 SQ SF 8 SQ SF 17 SQ SF	STA 892+08 STA 893+14

SIGN INSTALLATION SCHEDULE

STATION	OFFSET	SIGN DESIGNATION	72000100		72800100		73100100	
			SIGN PANEL TYPE 1	TEL STL SIGN SUPPORT	BASE TEL STL	SIN SUPPORT		
888+00	36.53 FT RT	R2-1-3036	7.5 SQ FT	15 SQ FT	-	-	-	
888+40	39.07 FT LT	W1-8L-1824	3 SQ FT	14 SQ FT	-	-	-	
889+30	40.99 FT LT	W1-8L-1824	3 SQ FT	12 SQ FT	1 EA	-	-	
890+30	41.53 FT LT	W1-8L-1824	3 SQ FT	12 SQ FT	1 EA	-	-	
892+08	49 FT LT	W4-2R-3636	9 SQ FT	-	-	-	-	
893+14	52 FT LT	R10-5-3036	7.5 SQ FT	-	-	-	-	
901+13	45 FT	R9-1-3636	9 SQ FT	16 SQ FT	-	-	-	
903+47	48.4 FT LT	R2-1-3036	7.5 SQ FT	15 SQ FT	-	-	-	
			50 SQ FT	84 SQ FT	2 EA	-	-	

SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL 16 SQ FT SIGN PANEL TYPE 1

SCHEDULE OF QUANTITIES

SHEET NUMBER	DRIVEWAY LOCATION C	42300400 PCC DRIVEWAY PAVT 8" SQ YD	20201500 SUB GRAN MATL B TON	40603310 HMA SURFACE MIX "C" TONS	35501316 HMA BASE CSE 8" SQ YD	60600605 CONC CURB T B FT	60603800 COMB CC&G T B6.12 FT	60605000 COMB CC&G T B6.24 FT	44201811 CL D PATCH T-1, 14" SQ YD	44201815 CL D PATCH T-1L, 14" SQ YD
SHEET * 14	886+08.97 887+60.70 888+03.25 889+31.42 890+44.82	32	0.4 10.7 5.8 4.7 4.4 10.3	0.2	2 26 21 20	10 21 27	23 30			
SHEET * 15	892+64.96 894+00 896+20.66	41	9.8 1.8 13.7	14.3 0.9	44 8	40 15	40 15	12 64	3	14
SHEET * 16	897+19.78 897+62.81 898+80.53 899+76.38 900+19.81 900+49.10 900+96.05 901+28.24 901+79.25	24 57	8.0 16.5 19.0 12.0 4.9 12.9 5.3 5.6 8.2	8.3	74	30 22 49 47 28 40 28 28 28	23			
SHEET * 17	902+18.24 902+65.17 902+89.64 902+91.46 904+82.23 904+90.95 905+61.65	33	3.6 5.3 11.0 4.4	1.8 2.7 2.2	16 24 20	27 28	37 37	28 25 24		6 6 6
TOTAL		218	178	62.6	475	486	205	153	3	32

SCHEDULE OF SIDEWALK QUANTITIES

PAY ITEM	PAY ITEM	QUANTITY	UNIT
20201500	SUBBASE GRANULAR MATERIAL, TYPE B	769	TONS
40300100	BITUMINOUS MATERIALS (PRIME COAT)	27	GAL
42000900	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	100	SQ YD
42001300	PROTECTIVE COAT	2,744	SQ YD
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	15,977	SQ FT
42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	4,213	SQ FT
X42400440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	59	SQ FT
X6060714	CONCRETE MEDIAN (SPECIAL)	17	SQ FT
XX006429	SIDEWALK, SPECIAL	305	SQ FT

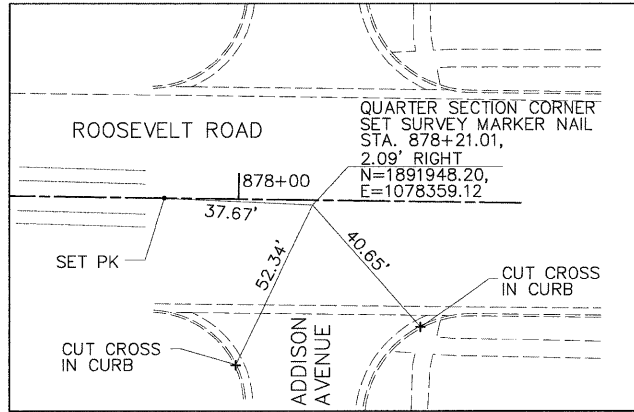
EARTHWORK EXCAVATION SCHEDULE

20200100 ASSOCIATED PAY ITEM	UNIT	AMOUNT	ASSOCIATED EARTH EXCAVATION DEPTH	VOLUME CU YD	GRADE CORRECTION ALLOWANCE	ADJUSTED VOLUME CU YD
PCC DRIVEWAY PAVEMENT 8"	SQ YD	218	6 IN	36.3	15%	41.7
HMA BASE COURSE 8"	SQ YD	475	6 IN	79.2	15%	91.1
CONCRETE CURB, TYPE B	FT	486	6 IN	5.3	15%	6.1
COMB CONC C & G, TY B6.12	FT	205	6 IN	6.0	15%	6.9
COMB CONC C & G, TY B6.24	FT	153	6 IN	7.3	15%	8.4
CL D PATCH T-1, 14"	SQ YD	3	6 IN	0.2	N/A	0.2
CL D PATCH T-2, 14"	SQ YD	32	6 IN	1.8	N/A	1.8
H-E-S PCC PAVEMENT	SQ YD	100	6 IN	5.6	N/A	5.6
PCC SIDEWALK, 5 IN	SQ FT	15,977	11 IN	542.4	N/A	542.4
PCC SIDEWALK, 8 IN	SQ FT	4,213	14 IN	182	15%	209.3
PCC SIDEWALK 6 IN, SPECIAL	SQ FT	35	18 IN	1.9	N/A	1.9
CONC MEDIAN (SPECIAL)	SQ FT	17	6 IN	0.3	N/A	0.3
SIDEWALK SPECIAL	SQ FT	305	6 IN	5.6	20%	6.7
TOTAL EARTHWORK EXCAVATION VOLUME						925

ESTIMATED EARTHWORK BALANCE

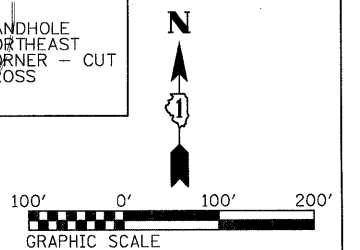
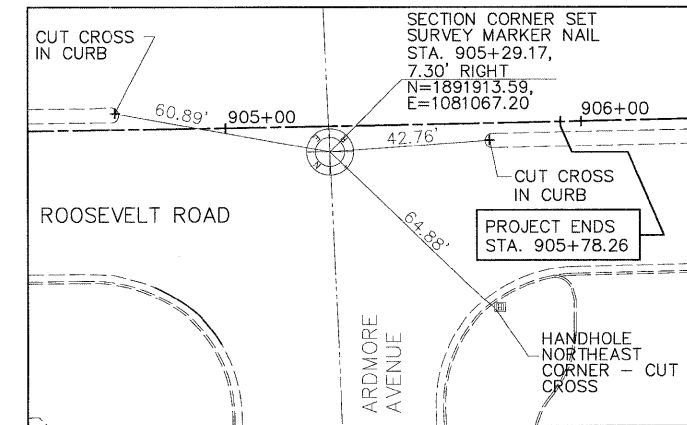
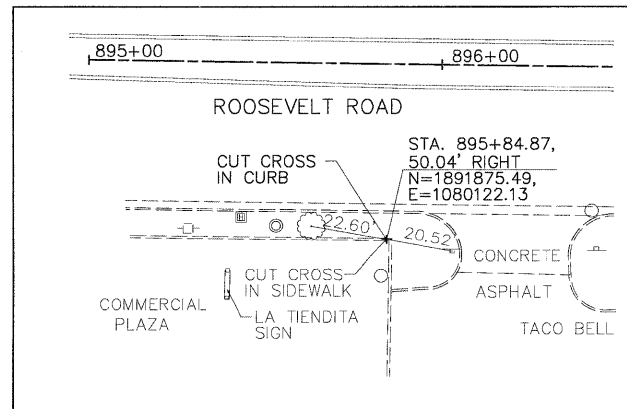
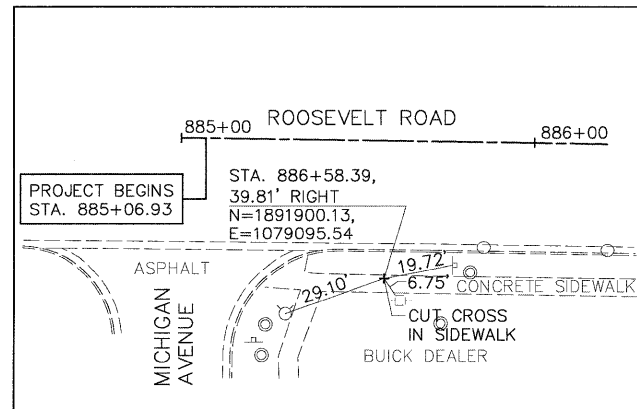
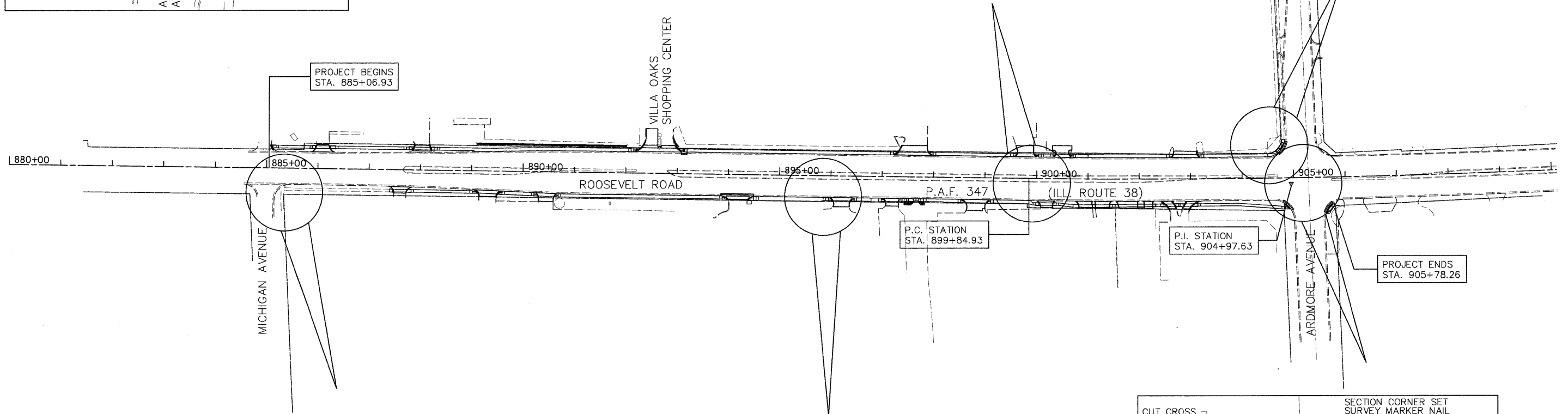
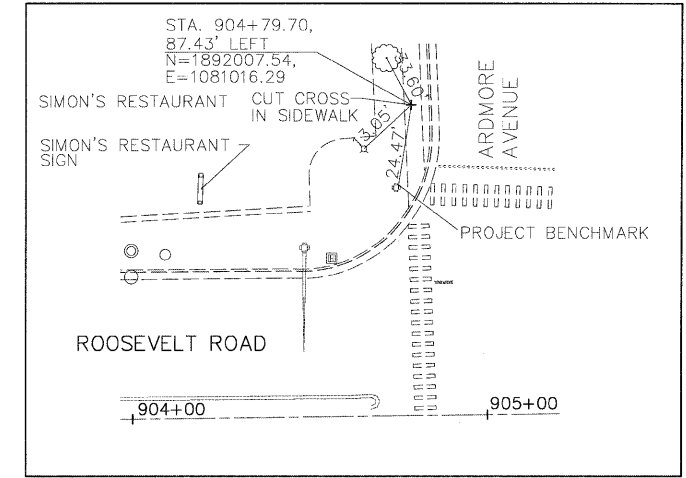
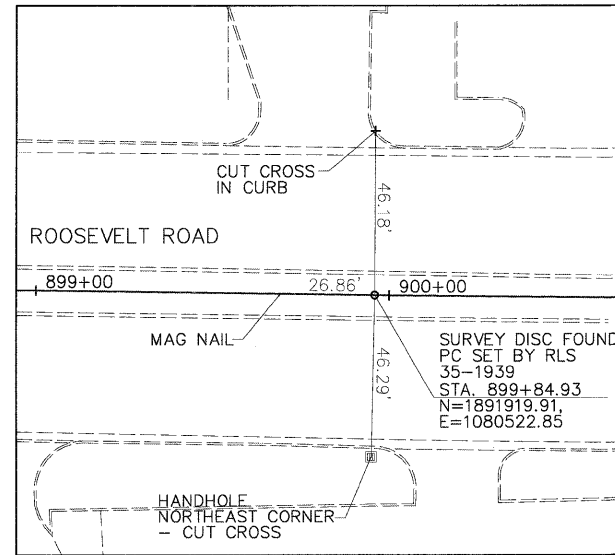
	CUT (CU YD)	FILL (CU YD)
EARTH EXCAVATION	925	
STRUCTURE EXCAVATION	120	
TOTAL GENERATED EARTHWORK	1045	
NON-SPECIAL WASTE USED AS FILL		25.4
SHRINKAGE @ 1.15		29.2
ROUNDED		30
EXCESS GENERATED EARTHWORK		1015

BENCHMARKS:
DUPAGE COUNTY MONUMENT, IN TRAFFIC LIGHT POLE BASE AT THE NORTHWEST CORNER OF ROOSEVELT ROAD AND ARDMORE AVENUE STA. 904+49.04, 46.45' LT., EL=715.75 N.G.V.D. 29 DUPAGE COUNTY DATUM.
VILLAGE OF VILLA PARK BENCHMARK 11, FEMA RM4 CHISELED SQUARE ON TOP OF NORTHWEST CONCRETE WING WALL OF CULVERT FOR SUGAR CREEK UNDER SUMMIT AVENUE. (E02S11) EL=668.68 N.G.V.D. 29 DUPAGE COUNTY DATUM.



CURVE DATA:

P.I. STATION	==	904.97.63	N 1891912.7127	E 1081035.4998
DELTA	==	3°25'00.00"		
TANGENT	==	512.7000		
LENGTH	==	1025.0961		
RADIUS	==	17190.3500		
EXTERNAL	==	7.6439		
LONG CHORD	==	1024.9442		
MID. CHORD	==	7.6405		
P.C. STATION	==	899+84.93	N 1891919.9109	E 1080522.8503
P.T. STATION	==	910+10.02	N 1891936.0795	E 1081547.6670
CHORD BEARING	==	N89°05'46.02"E	N 1909108.5666	E 1080764.1996



FILE NAME = D163197-ah-ATB.dgn	USER NAME = IDOT	DESIGNED - TB	REVISED - 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS		F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 10
PLT SCALE = 1/8" = 100'	CHECKED - DA	REVISIED -	REVISIED -		PROJECT CMF-0347 (015)	JOB NO. D-91-133-03	CONTRACT NO. 63197				
PLT DATE = 10/25/2011	DATE - 06/08/2011	REVISIED -	REVISIED -		SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	STA. 885+07 TO STA. 904+99	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

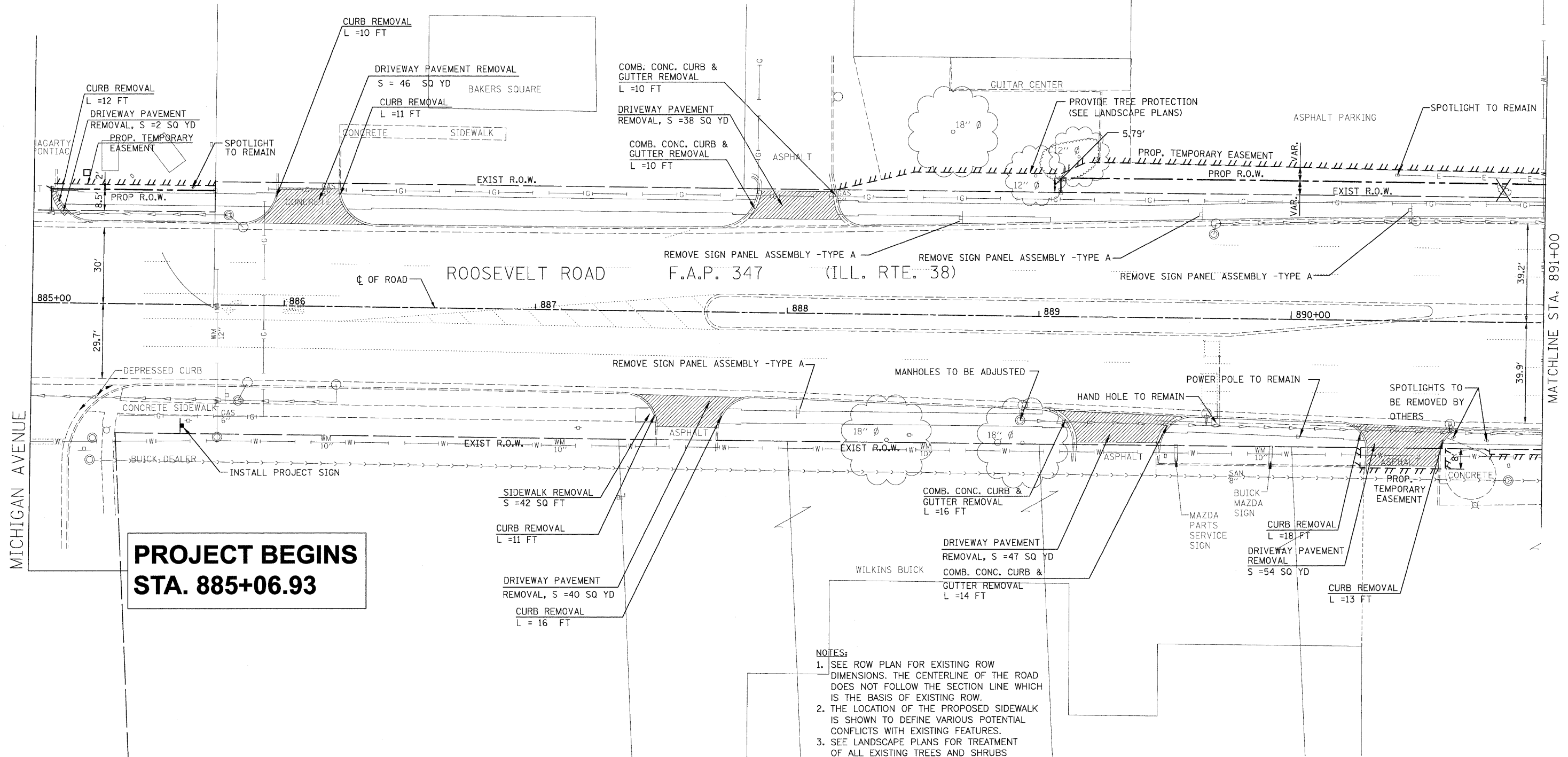
EXISTING LEGEND:

- CURB
- GUTTER
- CENTER LINE OF ROADWAY
- EDGE OF PAVEMENT
- RIGHT OF WAY
- LIGHT POLE
- POWER POLE
- T.S LIGHT POLE
- CATCH BASIN
- S.S MANHOLE
- MANHOLE SIGN

- T.S H.H
- GAS M.H
- INLET
- FIRE HYDRANT
- T.S CONTROLLER BOX
- T.S DOUBLE HAND HOLE
- EXISTING TREE
- MAIL BOX
- SHRUBS
- CONCRETE WALK

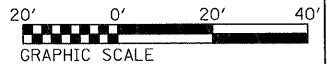
LEGEND ITEM TO BE REMOVED

- ▭ DRIVEWAY PAVEMENT REMOVAL
- ▭ COMBINATION CONCRETE CURB&GUTTER
- ▭ EXCAVATION FOR SIDEWALK

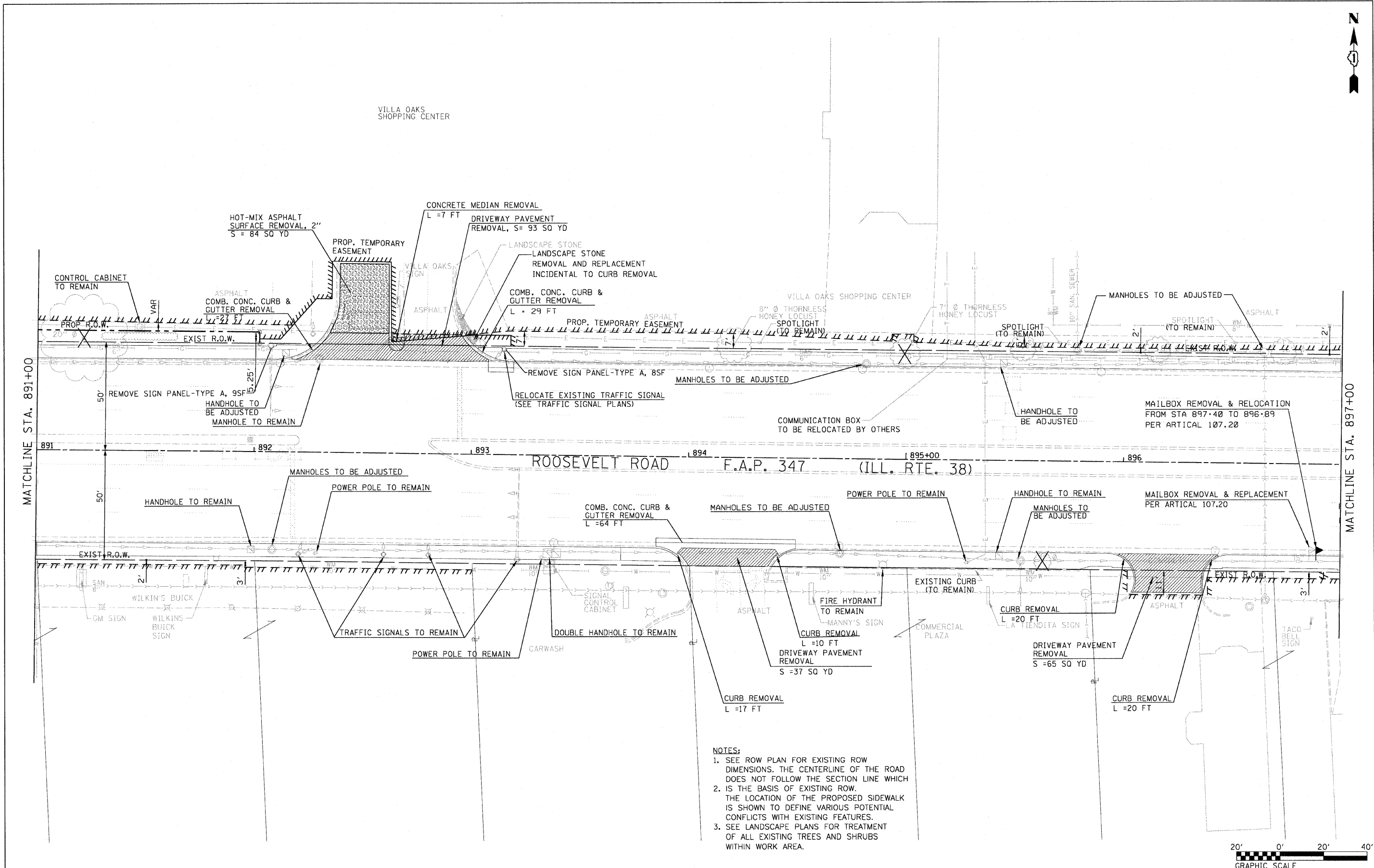


**PROJECT BEGINS
STA. 885+06.93**

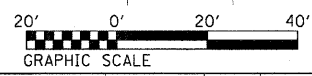
- NOTES:**
- SEE ROW PLAN FOR EXISTING ROW DIMENSIONS. THE CENTERLINE OF THE ROAD DOES NOT FOLLOW THE SECTION LINE WHICH IS THE BASIS OF EXISTING ROW.
 - THE LOCATION OF THE PROPOSED SIDEWALK IS SHOWN TO DEFINE VARIOUS POTENTIAL CONFLICTS WITH EXISTING FEATURES.
 - SEE LANDSCAPE PLANS FOR TREATMENT OF ALL EXISTING TREES AND SHRUBS WITHIN WORK AREA.



FILE NAME = D163197-sht-rem01.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN FROM STA 885+06.93 TO STA 891+00			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 11
PLOT SCALE 20.0000' / IN.					SCALE: AS SHOWN SHEET NO. 1 OF 4 SHEETS STA. 885+07 TO STA. 891+00			CONTRACT NO. 63197				
PLOT DATE 10/25/2011					DATE 06/08/2011			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- NOTES:**
1. SEE ROW PLAN FOR EXISTING ROW DIMENSIONS. THE CENTERLINE OF THE ROAD DOES NOT FOLLOW THE SECTION LINE WHICH IS THE BASIS OF EXISTING ROW.
 2. THE LOCATION OF THE PROPOSED SIDEWALK IS SHOWN TO DEFINE VARIOUS POTENTIAL CONFLICTS WITH EXISTING FEATURES.
 3. SEE LANDSCAPE PLANS FOR TREATMENT OF ALL EXISTING TREES AND SHRUBS WITHIN WORK AREA.



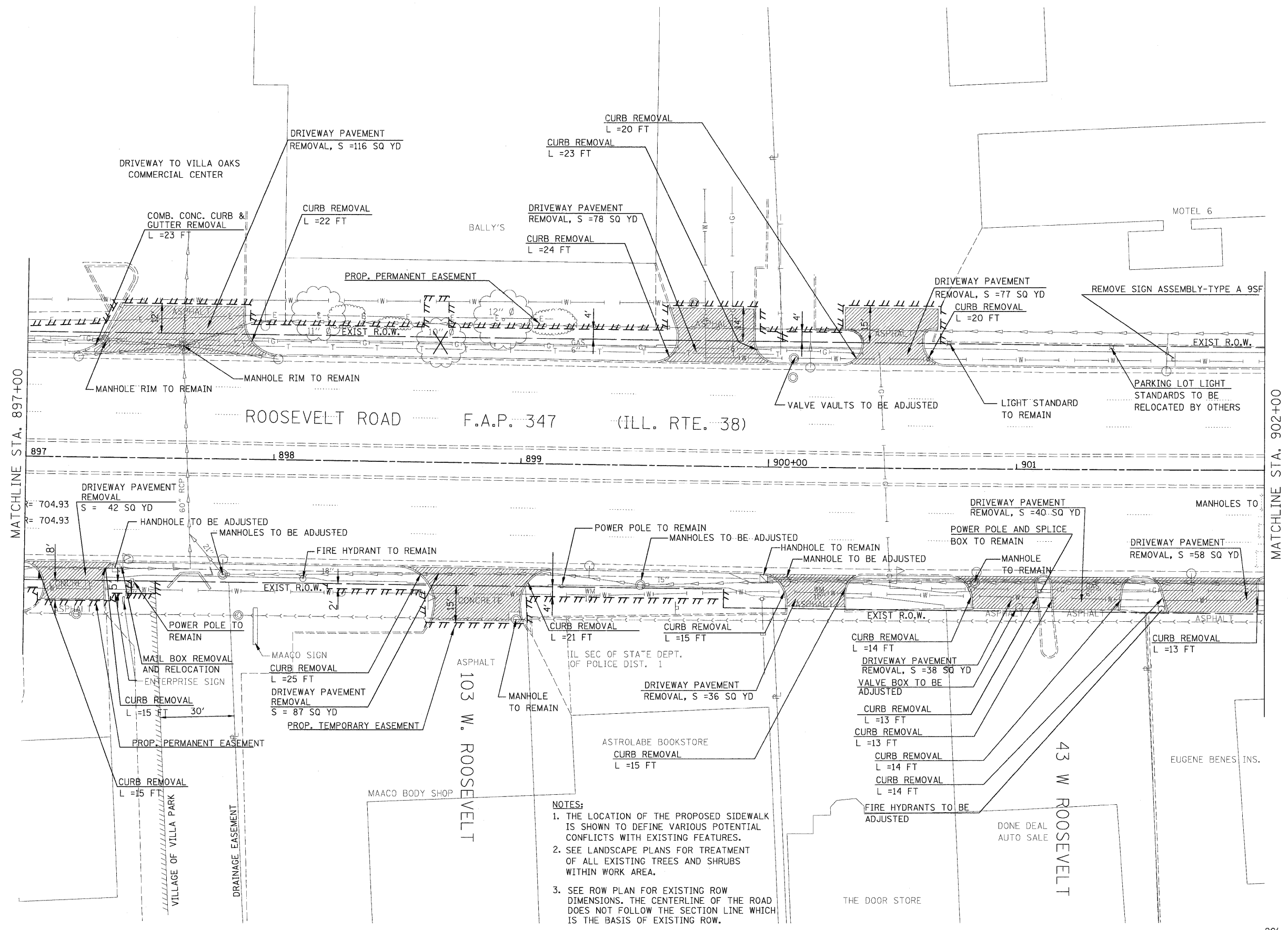
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		DRAWN BM/CC/BB	REVISD 11/15/2011
	PLOT SCALE 20.0000' / IN.	CHECKED DA	REVISD
	PLOT DATE 11/15/2011	DATE 06/08/2011	REVISD

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
FROM STA 891+00 TO STA 897+00**

SCALE: AS SHOWN SHEET NO. 2 OF 4 SHEETS STA. 891+00 TO STA. 897+00

F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 12
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES:**
1. THE LOCATION OF THE PROPOSED SIDEWALK IS SHOWN TO DEFINE VARIOUS POTENTIAL CONFLICTS WITH EXISTING FEATURES.
 2. SEE LANDSCAPE PLANS FOR TREATMENT OF ALL EXISTING TREES AND SHRUBS WITHIN WORK AREA.
 3. SEE ROW PLAN FOR EXISTING ROW DIMENSIONS. THE CENTERLINE OF THE ROAD DOES NOT FOLLOW THE SECTION LINE WHICH IS THE BASIS OF EXISTING ROW.



FILE NAME =	D163197-shr-rem83.dgn
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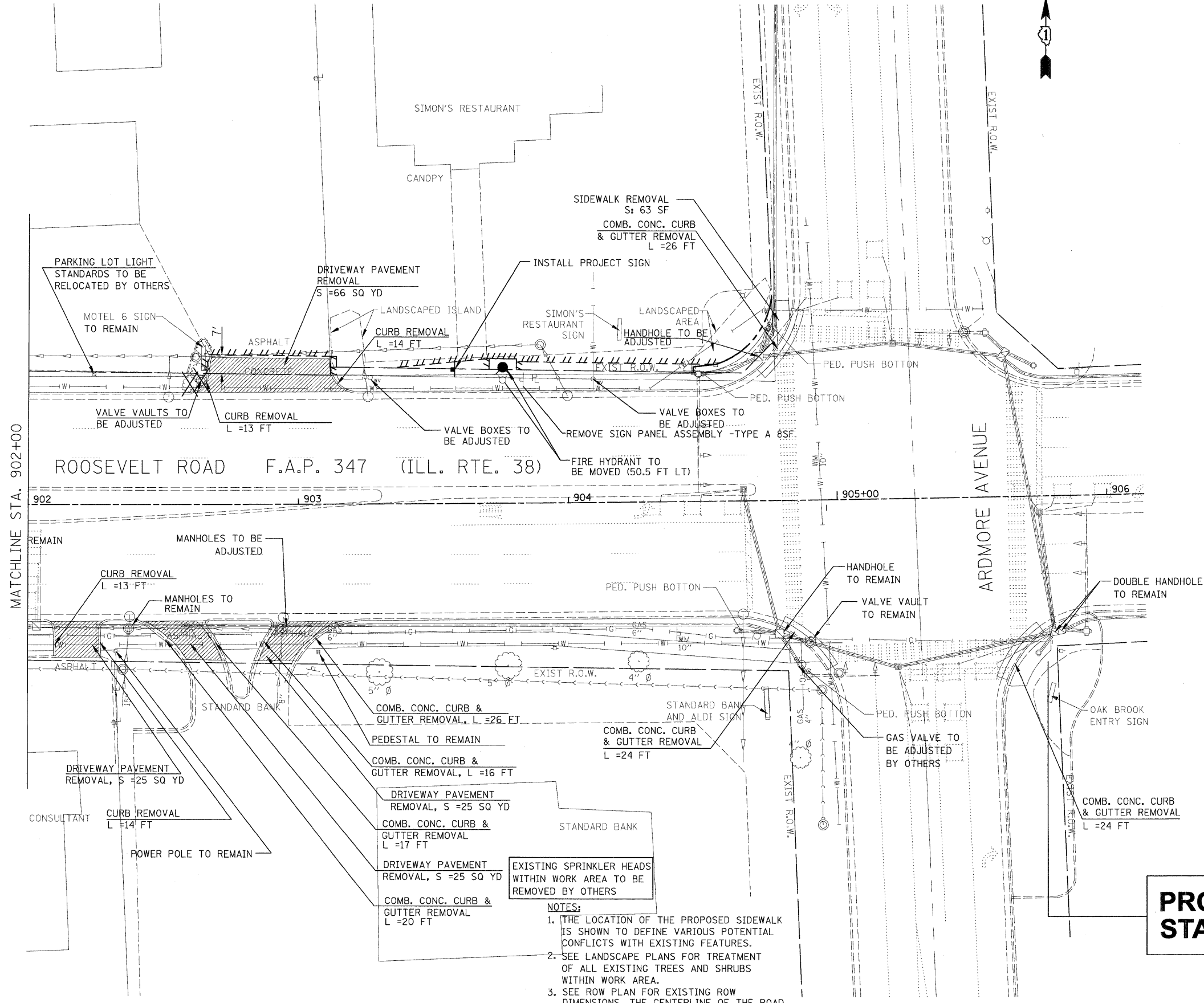
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		CHECKED	DA	REVISED	
		DATE	06/08/2011	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN		
STA 897+00 TO STA 902+00		
SCALE: AS SHOWN	SHEET NO. 3 OF 4 SHEETS	STA. 897+00 TO STA. 902+00

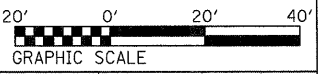
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	13
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 63197



- NOTES:**
1. THE LOCATION OF THE PROPOSED SIDEWALK IS SHOWN TO DEFINE VARIOUS POTENTIAL CONFLICTS WITH EXISTING FEATURES.
 2. SEE LANDSCAPE PLANS FOR TREATMENT OF ALL EXISTING TREES AND SHRUBS WITHIN WORK AREA.
 3. SEE ROW PLAN FOR EXISTING ROW DIMENSIONS. THE CENTERLINE OF THE ROAD DOES NOT FOLLOW THE SECTION LINE WHICH IS THE BASIS OF EXISTING ROW.

**PROJECT ENDS
STA. 905+78.26**



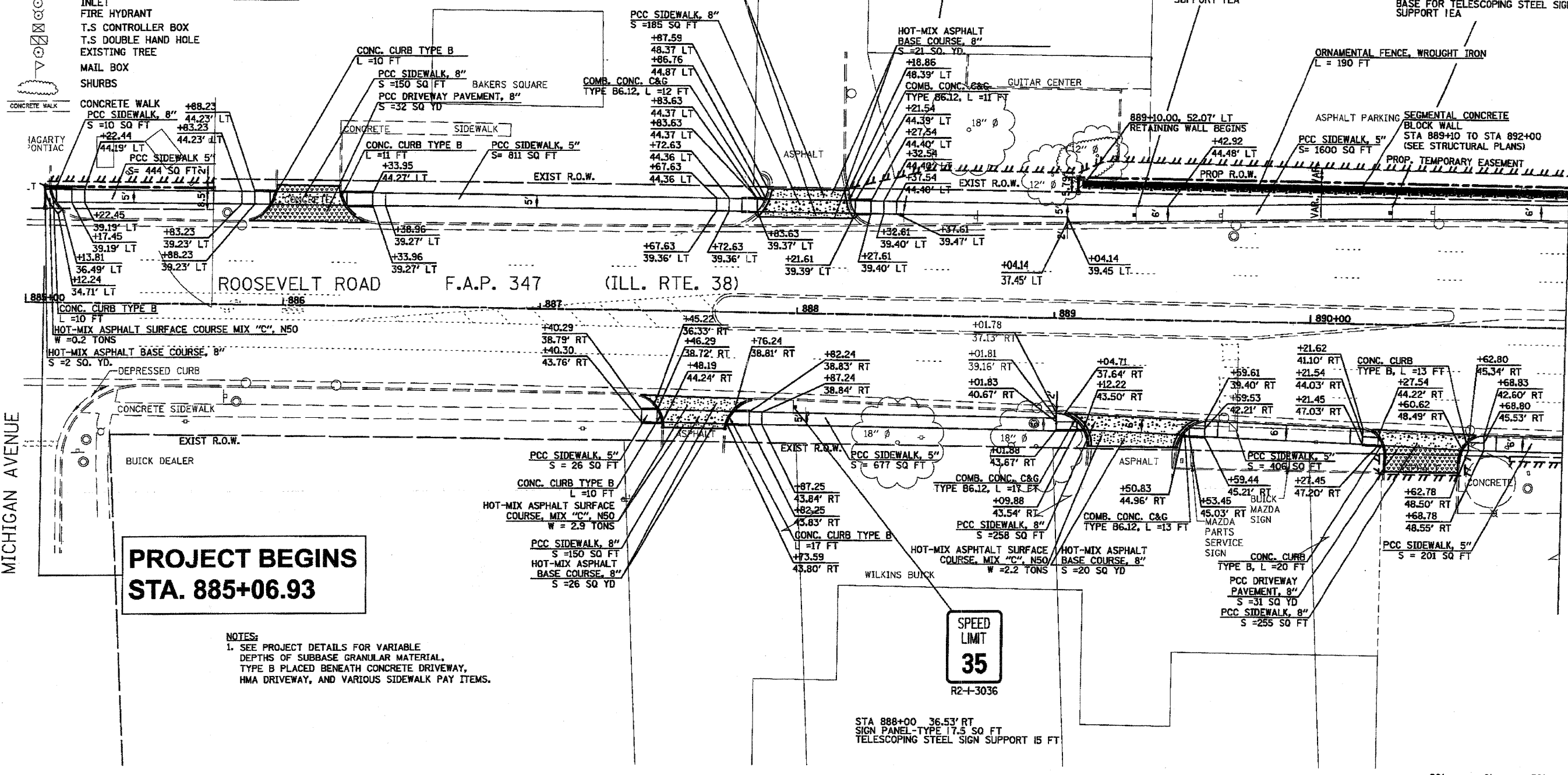
FILE NAME = D163197-shr-rem04.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN STA 902+00 TO STA 905+78.26		F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 14	
	PLOT SCALE 20,0000' / IN.	CHECKED DA	REVISED		SCALE: AS SHOWN	SHEET NO. 4 OF 4 SHEETS	STA. 902+00 TO STA. 904+99	CONTRACT NO. 63197				
	PLOT DATE 10/26/2011	DATE 06/08/2011	REVISED		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

EXISTING LEGEND:

- CURB
- GUTTER
- CENTER LINE OF ROADWAY
- EDGE OF PAVEMENT
- RIGHT OF WAY
- LIGHT POLE
- POWER POLE
- T.S LIGHT POLE
- CATCH BASIN
- S.S MANHOLE
- SIGN
- MANHOLE
- T.S H.H
- GAS M.H
- INLET
- FIRE HYDRANT
- T.S CONTROLLER BOX
- T.S DOUBLE HAND HOLE
- EXISTING TREE
- MAIL BOX
- SHURBS

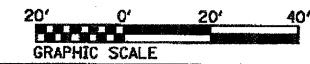
PROPOSED LEGEND:

- [Pattern] H.M.A. DRIVEWAY PAVEMENT
- [Pattern] PCC DRIVEWAY PAVEMENT, 8"
- [Pattern] PCC SIDEWALK PAVEMENT, 8"
- [Pattern] PCC SIDEWALK, 5"
- [Pattern] PCC SIDEWALK, SPECIAL
- [Pattern] PCC SIDEWALK, SPECIAL, WITH RETAINING WALL
- [Pattern] DETECTABLE WARNING
- [Pattern] STONE RIPRAP
- [Pattern] COMBINATION CONC. C&G, TYPE B6.12
- [Pattern] CONC. CURB TYPE B6.0
- [Pattern] RETAINING WALL
- PROPOSED R.O.W.
- PROPOSED TEMPORARY EASEMENT
- EXISTING EASEMENT
- PROPOSED PERMANENT EASEMENT
- PROPOSED / RELOCATE SIGN
- HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 W=2.3 TONS



**PROJECT BEGINS
STA. 885+06.93**

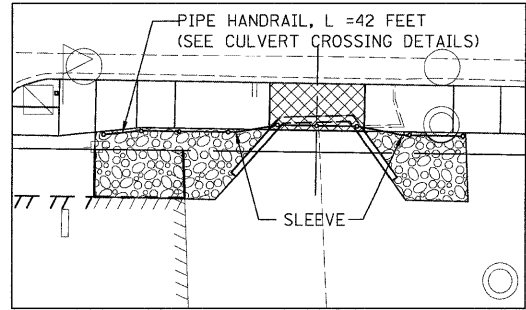
NOTES:
1. SEE PROJECT DETAILS FOR VARIABLE DEPTHS OF SUBBASE GRANULAR MATERIAL. TYPE B PLACED BENEATH CONCRETE DRIVEWAY, HMA DRIVEWAY, AND VARIOUS SIDEWALK PAY ITEMS.



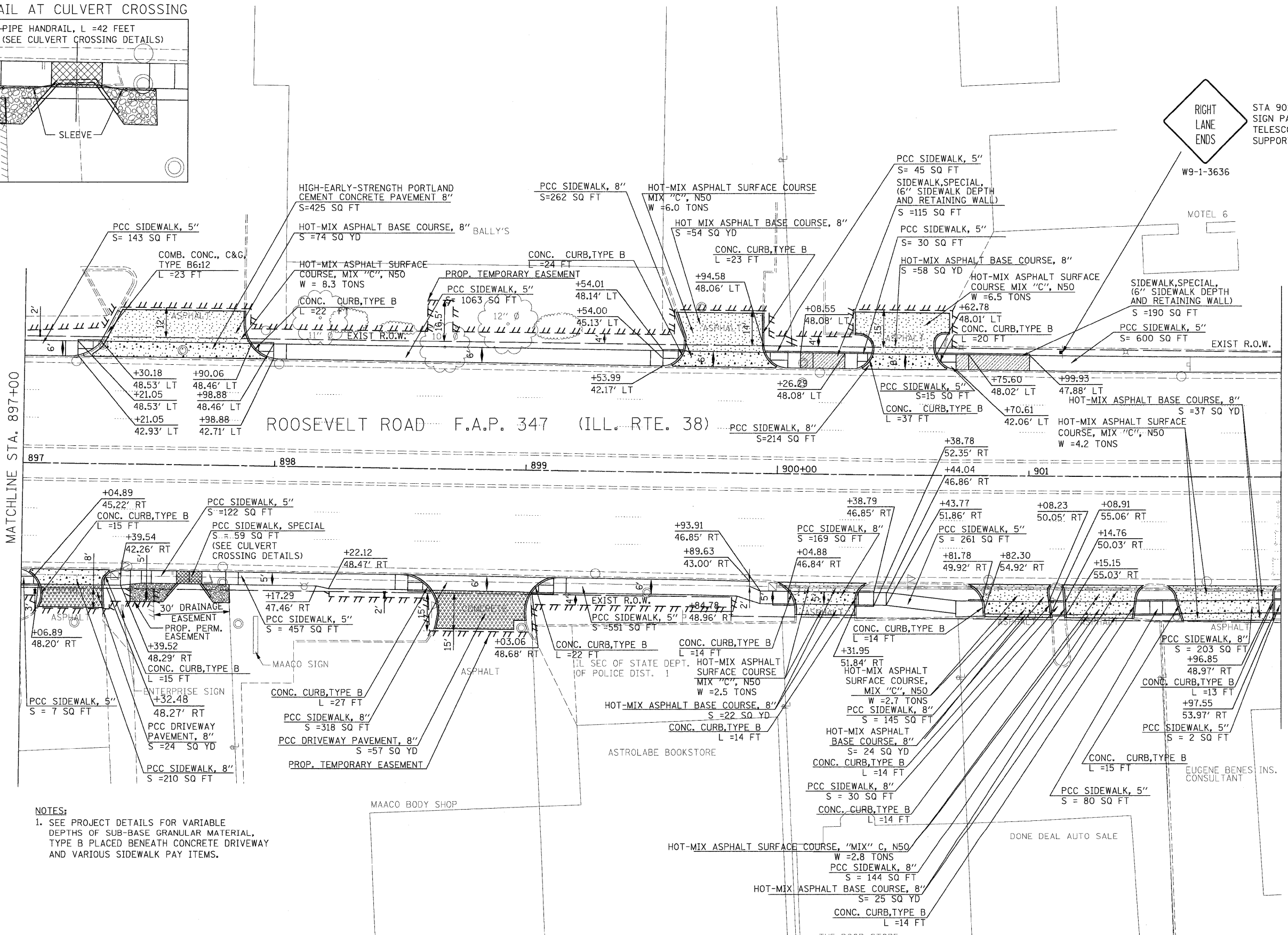
FILE NAME = D:\83197\alt-plan\81.dgn	USER NAME = JDOT	DESIGNED = DA/SC	REVISOR = 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN FROM STA. 885+06.93 TO STA. 891+00	F.A.P. RTE. 347	SECTION 02-0007T-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 15		
PLOT SCALE = 48.0000' / 1" DL	CHECKED = DA	DATE = 06/08/2011	REVISOR =			SCALE: AS SHOWN	SHEET NO. 1 OF 4 SHEETS	STA. 885+07 TO STA. 891+00	CONTRACT NO. 63197			
PLOT DATE = 10/25/2011	DATE =	REVISOR =	REVISOR =			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



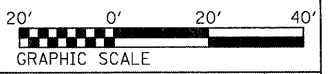
PIPE HANDRAIL AT CULVERT CROSSING



SCALE: 1"=10'



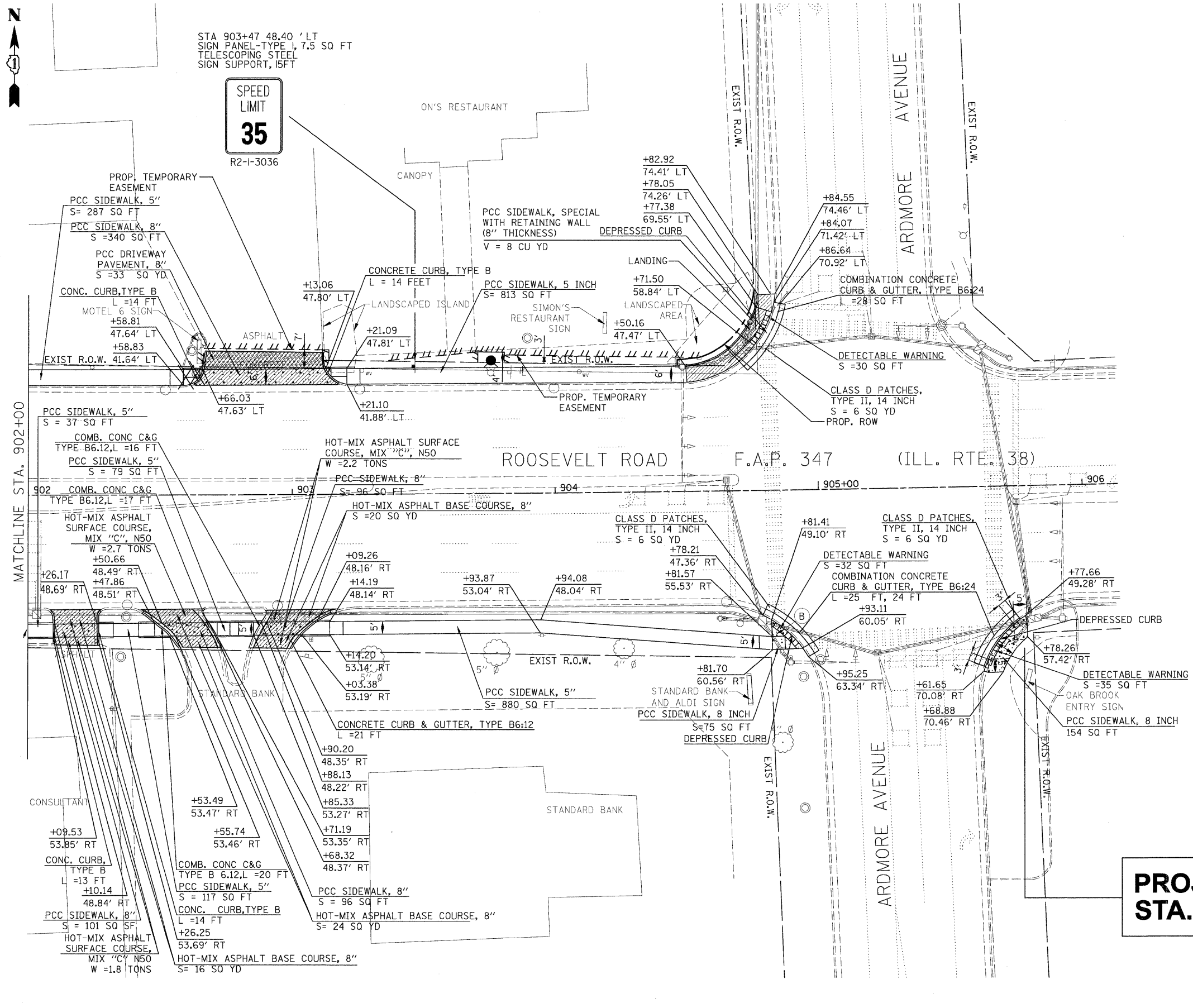
NOTES:
1. SEE PROJECT DETAILS FOR VARIABLE DEPTHS OF SUB-BASE GRANULAR MATERIAL, TYPE B PLACED BENEATH CONCRETE DRIVEWAY AND VARIOUS SIDEWALK PAY ITEMS.



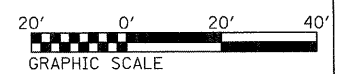
FILE NAME = D163197-sht-plan83.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN FROM STA. 897+00 TO STA. 902+00	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 17		
PLOT SCALE 20.0000' / IN.	CHECKED DA	DATE 06/08/2011	REVISED			SCALE: AS SHOWN	SHEET NO. 3 OF 4 SHEETS	STA. 897+00 TO STA. 902+00	CONTRACT NO. 63197			
PLOT DATE 10/25/2011	DATE					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



NOTE:
SEE PROJECT DETAIL SHEETS FOR VARIABLE DEPTHS OF SUBBASE GRANULAR MATERIAL, TYPE B PLACED BENEATH CONCRETE DRIVEWAY, HMA DRIVEWAY AND VARIOUS SIDEWALK PAY ITEMS.



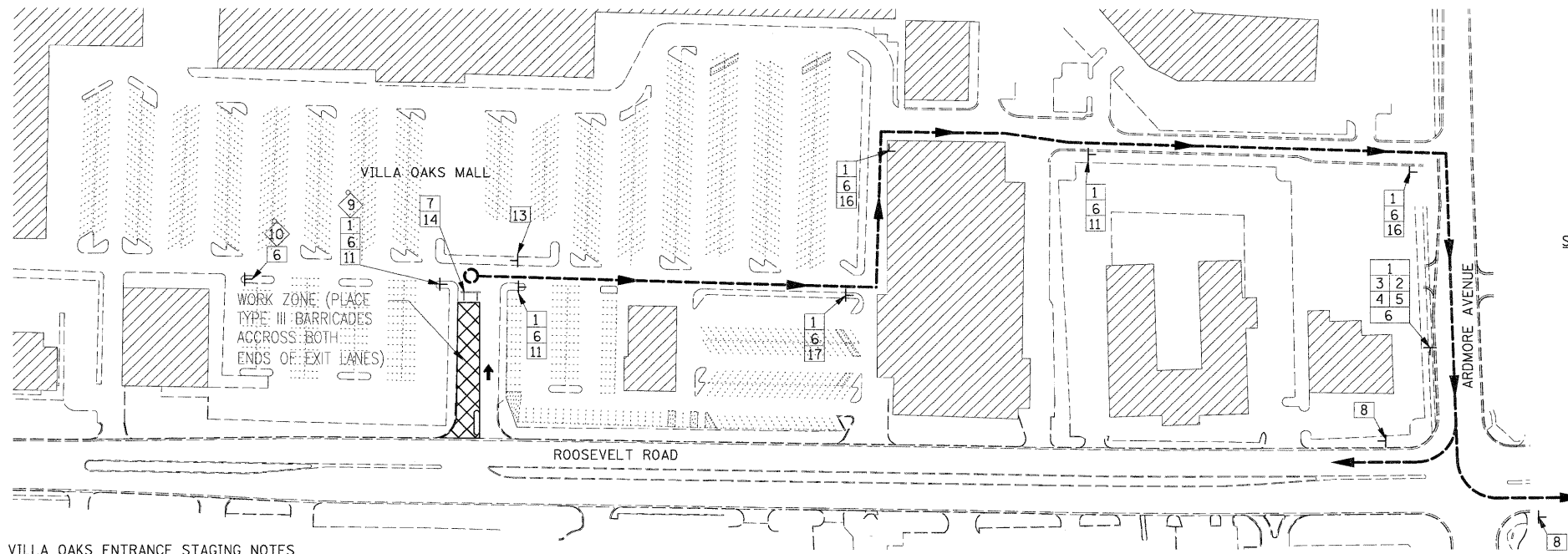
**PROJECT ENDS
STA. 905+78.26**



FILE NAME = D163197-ah-Plan04.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN FROM STA. 902+00 TO STA. 904+99.36				F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 18
PLOT SCALE 28,0000' / IN.	CHECKED DA	DRAWN BM/CC/BB	REVISED		SCALE: AS SHOWN	SHEET NO. 4 OF 4 SHEETS	STA. 902+00 TO STA. 904+99.36	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
PLOT DATE 10/25/2011	DATE 06/08/2011	CHECKED DA	REVISED										
					CONTRACT NO. 63197								

DETOUR GENERAL NOTES:

1. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
2. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AND AS DIRECTED BY THE ENGINEER.
3. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
4. ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE, AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONING OF ANY SIGNS.
7. ACTUAL LOCATIONS FOR THE SIGNING SHOWN ON THE DETOUR PLAN MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
8. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
9. ALL DETOUR SIGNING SHALL BE POST MOUNTED.
10. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
11. THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6".
12. AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN ROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
14. THE "ROAD CLOSED" (R11-2 & R11-4) SIGNS SHALL BE MOUNTED ON THE TYPE III BARRICADES. ALL TYPE III BARRICADES SHALL HAVE 2 AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINES OF THE SUPPORTS.
15. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
16. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
17. DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
19. THE COST OF THE WORK FOR THE DETOUR SHALL BE INCLUDED IN THE UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR."

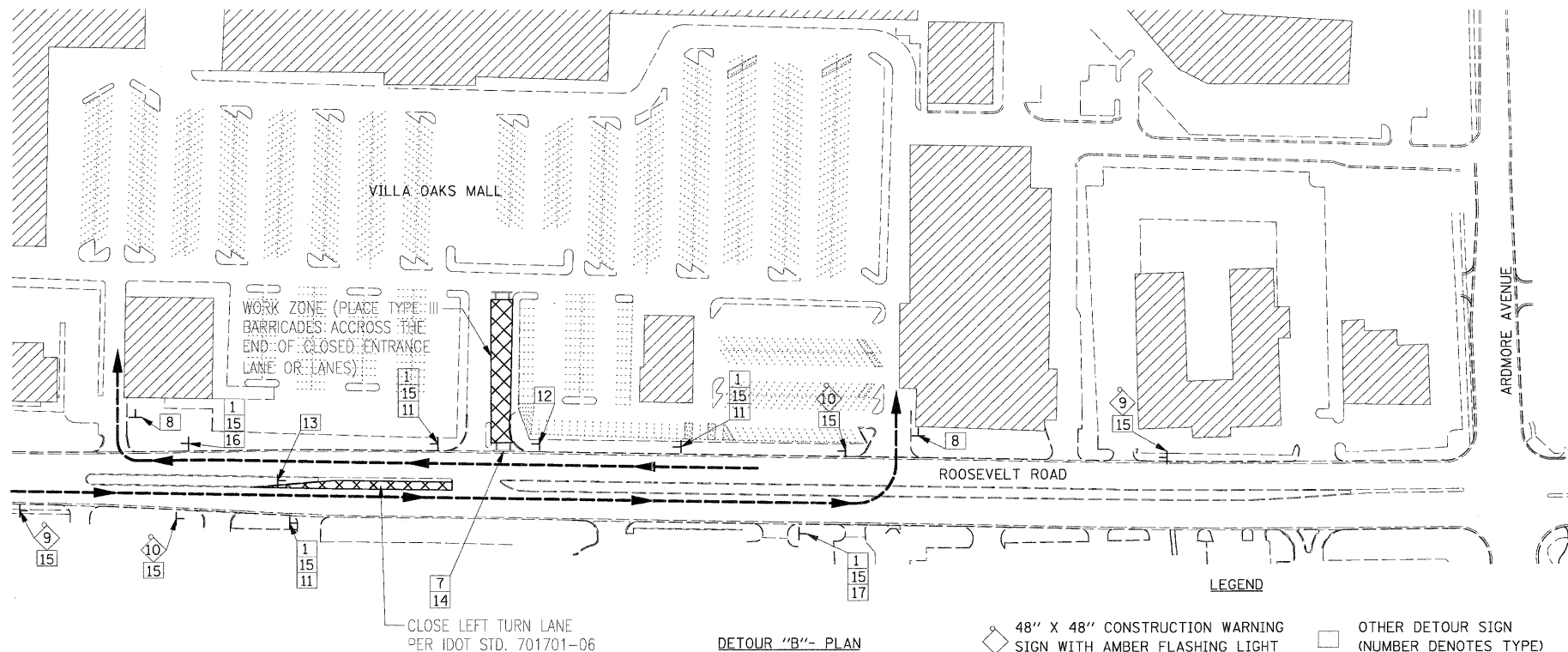


VILLA OAKS ENTRANCE STAGING NOTES

1. ONCE WORK HAS COMMENCED AT THE VILLA OAKS MALL ENTRANCE THE CONTRACTOR WILL HAVE 14 CALENDAR DAYS TO COMPLETE ALL WORK.
2. THE TWO (2) EXIT LANES FROM VILLA OAKS MALL MAY BE CLOSED FOR A PERIOD OF 8 HOURS TO REMOVE THE EXISTING PAVEMENT AND FOR 36 HOURS TO PLACE THE NEW PAVEMENT AND TRAFFIC DETECTOR LOOPS. DURING THESE CLOSURES DETOUR "A" SHALL BE UTILIZED. WHEN THE EXIT LANES ARE OPEN TO TRAFFIC AGGREGATE SHALL BE USED TO MAINTAIN TRAFFIC AT ENTRANCE.

DETOUR "A" - PLAN
(TRAFFIC EXITING VILLA OAKS MALL)

3. ONE 12-FOOT ENTRANCE LANE SHALL BE MAINTAINED AT ALL TIMES ENTERING VILLA OAKS MALL TO SERVE EASTBOUND ROOSEVELT ROAD TRAFFIC TURNING LEFT (NORTHBOUND) INTO THE MALL. WESTBOUND ROOSEVELT ROAD TRAFFIC TURNING RIGHT (NORTHBOUND) INTO THE MALL SHALL BE REROUTED USING DETOUR "B" WHEN THE EAST ENTRANCE LANE IS CLOSED IN ORDER TO AVOID THE TIGHT RIGHT TURN CONDITION THAT WILL EXIST. BOTH ENTERING LANES MAY BE CLOSED FOR NO MORE THAN 36 HOURS TO ALLOW FOR PLACEMENT OF THE NEW CONCRETE PAVEMENT. DURING THIS CLOSURE DETOUR "B" SHALL BE UTILIZED.

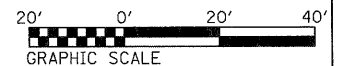


DETOUR "B" - PLAN
(TRAFFIC ENTERING VILLA OAKS MALL)

- LEGEND
- 48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)
 - M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
 - OTHER DETOUR SIGN (NUMBER DENOTES TYPE)
 - TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
 - DETOUR ROUTE "A"
 - DETOUR ROUTE "B"
 - SIGN POST

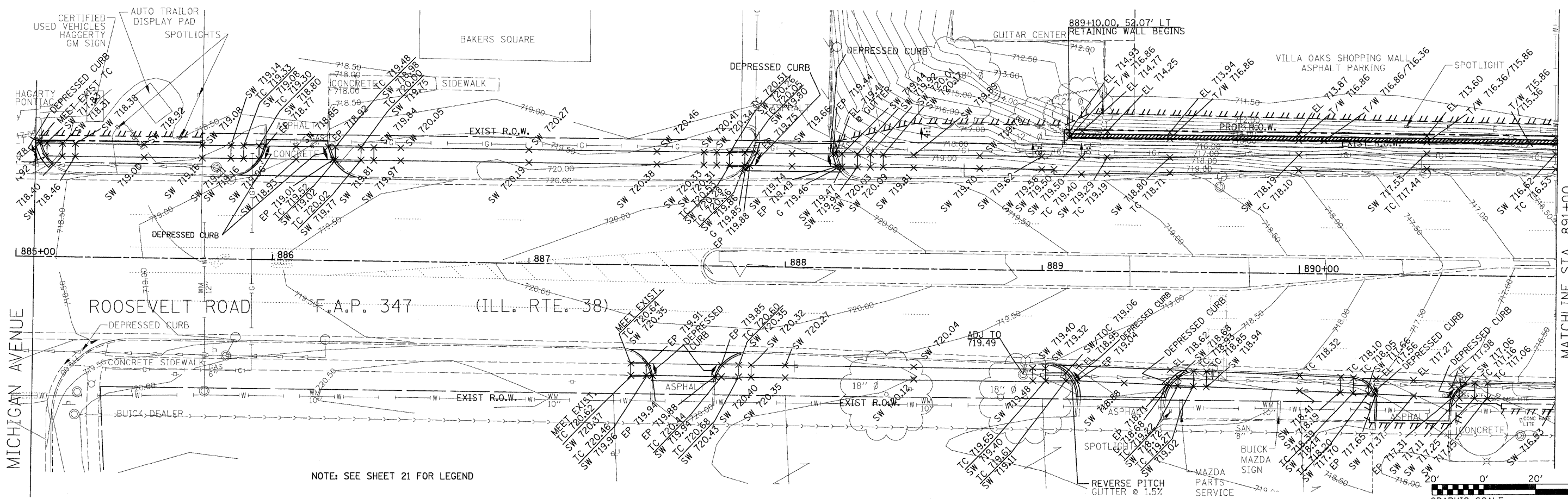
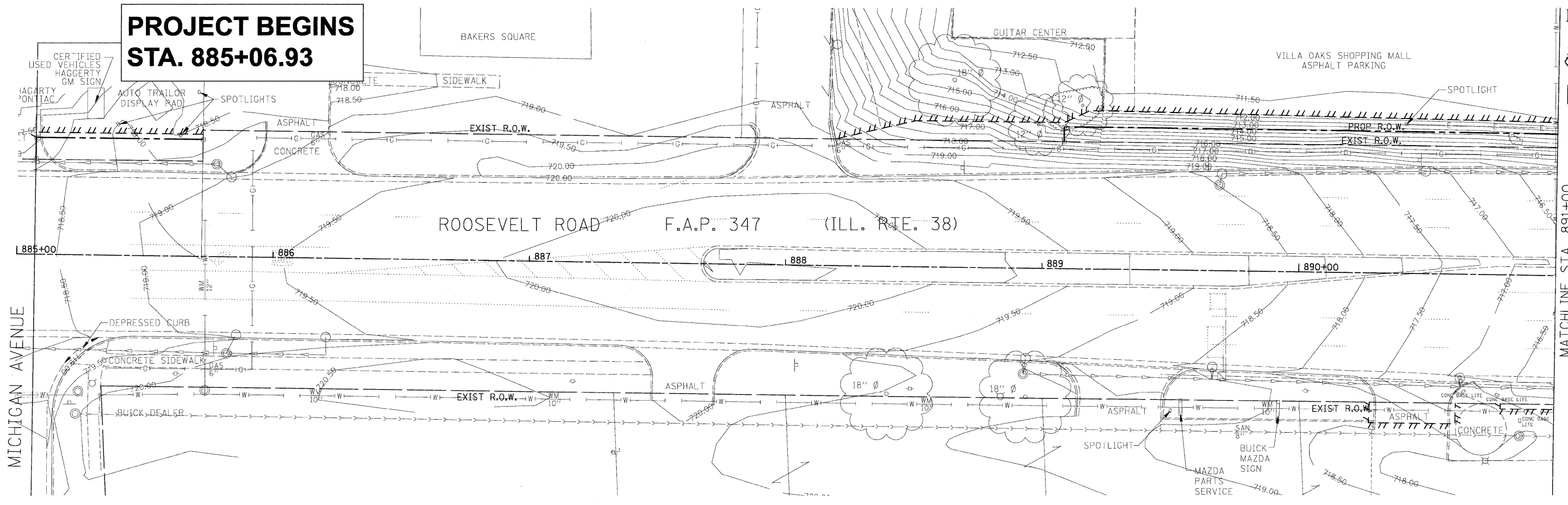
SCHEDULE OF SIGNS

SIGN NUMBER	SIGN TYPE	SIGN TYPE
1	DETOUR	M4-8-2412
2	EAST	M3-2-2412
3	WEST	M3-4-2412
4	←	M6-1-2115
5	→	M6-1-2115
6	ROOSEVELT ROAD	W17-1000-2412
7	ROAD CLOSED	G20-1-3618
8	END DETOUR	M4-8a(0)-2418
9	ROAD CLOSED AHEAD	W20-2(0)-48
10	DETOUR AHEAD	W20-2-48
11	↑	M6-3-2115
12	↻	R3-1-24
13	↻	R3-2-24
14	DETOUR	M4-10L-4818
15	VILLA OAKS MALL ENTRANCE CLOSED	SPECIAL(0)-3621
16	↻	M5-1R-2115
17	↻	M5-1L-2115

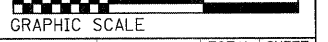


FILE NAME = D163197-ah1-mot.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISOR 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN ROOSEVELT RD. AT VILLA OAK DR. INTERSECTION	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 19	
PLOT SCALE 20,0000' / IN.	DRAWN BM/CC/BB	CHECKED DA	REVISOR			SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	CONTRACT NO. 63197		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISOR	REVISOR								

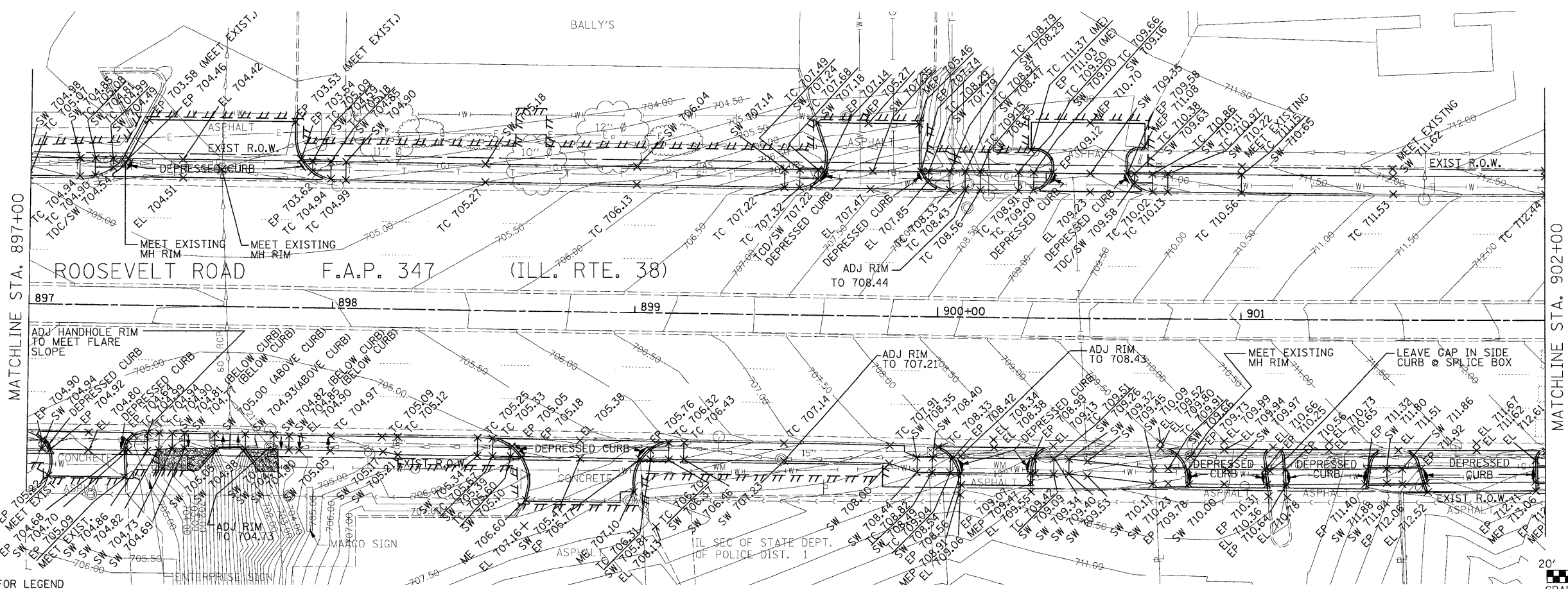
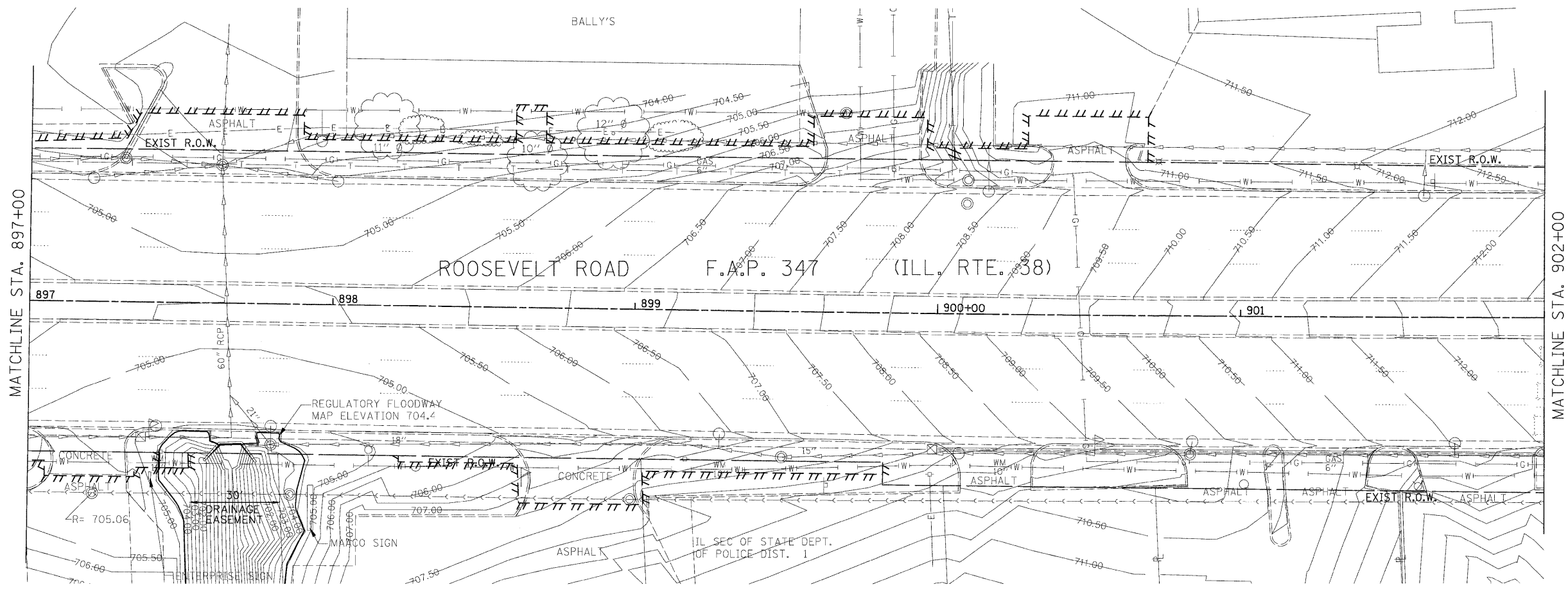
**PROJECT BEGINS
STA. 885+06.93**



NOTE: SEE SHEET 21 FOR LEGEND



FILE NAME = D163197-ah-01.dgn	USER NAME ID0T	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED GRADING PLAN FROM STA 885+06.93 TO STA 891+00			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 20
PLOT SCALE 28,0000' / IN.					SCALE: AS SHOWN SHEET NO. 1 OF 4 SHEETS STA. 885+07 TO STA. 891+00			CONTRACT NO. 63197				
PLOT DATE 10/25/2011					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



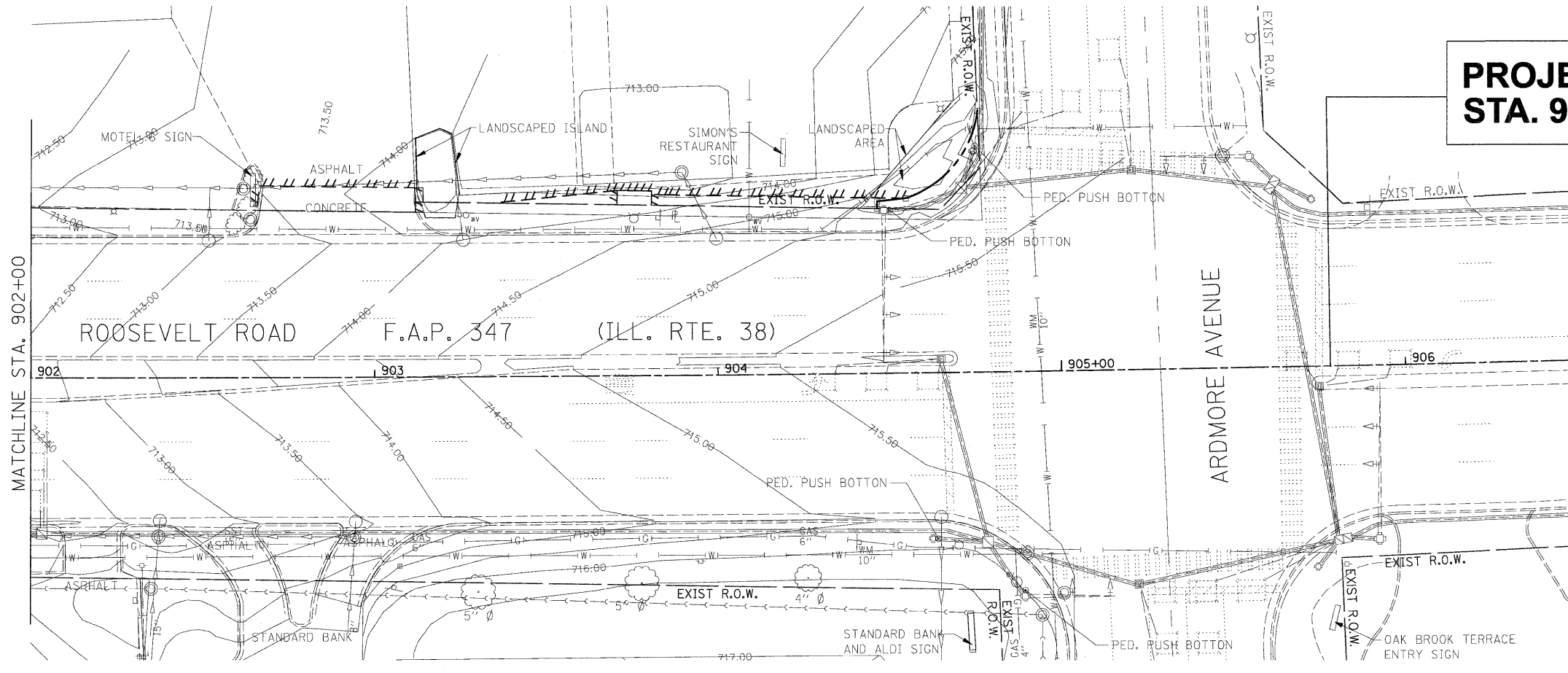
NOTE: SEE SHEET 21 FOR LEGEND



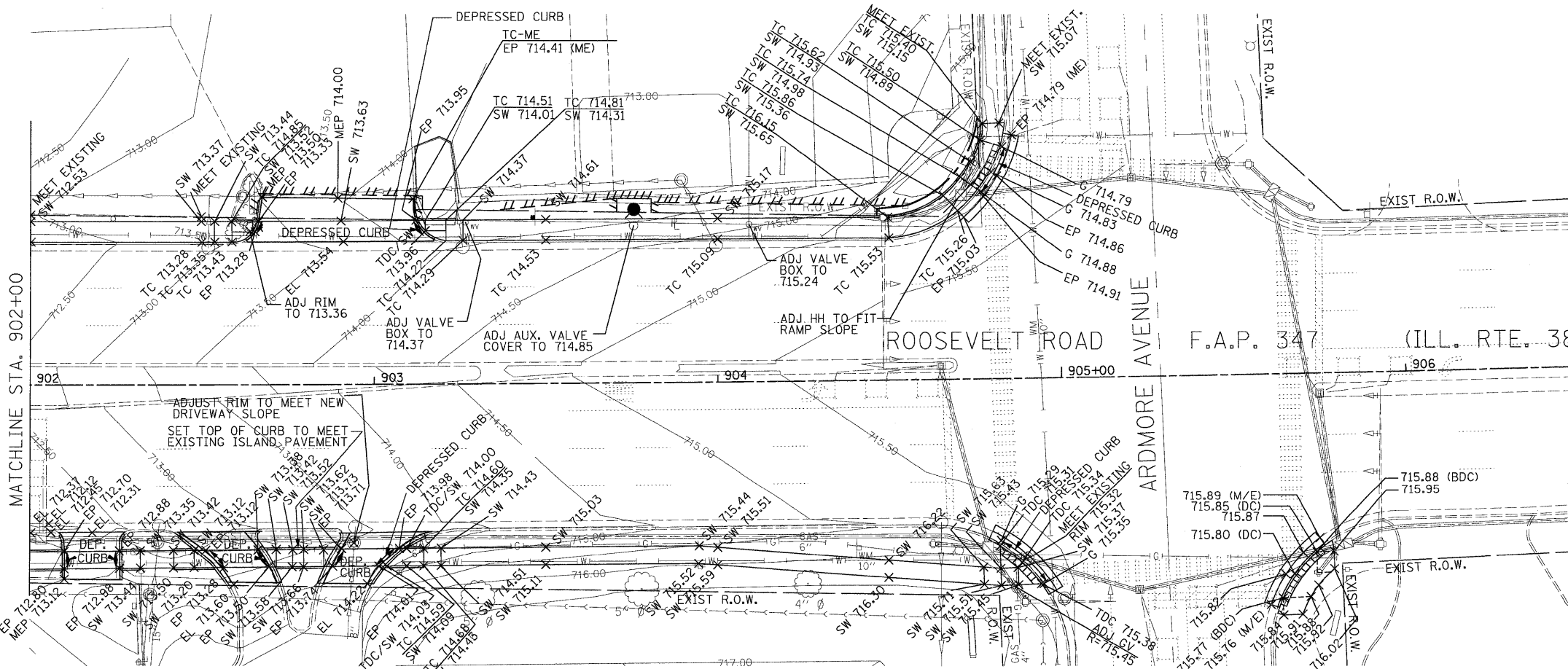
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					SCALE: AS SHOWN	SHEET NO. 3 OF 4 SHEETS	STA. 897+00 TO STA. 902+00	CONTRACT NO. 63197				
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



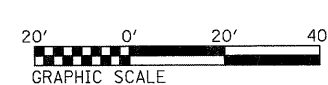
**PROJECT ENDS
STA. 905+78.26**



- EXISTING LEGEND**
- ==== CURB AND GUTTER
 - ROADWAY BASELINE
 - EDGE OF PAVEMENT
 - RIGHT OF WAY
 - ==== EASEMENT
 - CONCRETE WALK
 - CONTOUR LINE
 - SAN. SEWER LINE
 - STORM SEWER LINE
 - WATER LINE
 - GAS PIPE
 - ELECTRIC CABLE
 - TELEPHONE CABLE
 - TRAFFIC SIGNAL WITH MAST ARM
 - PED. PUSH BOTTON
 - ⊕ TRAFFIC SIGNAL
 - ⊕ LIGHT POLE
 - ⊕ POWER POLE
 - CATCH BASIN
 - S.S. MANHOLE
 - ⊕ TRAFFIC SIGN
 - ⊕ FIRE HYDRANTS
 - MANHOLE
 - SPOTLIGHT
 - WATER VALVE
 - GAS VALVE
 - ⊕ CONTROLLER
 - ⊕ TELEPHONE SPLICE BOX
 - ⊕ HANDHOLE
 - ⊕ HEAVY DUTY HANDHOLE
 - ⊕ JUNCTION BOX
 - ⊕ MAIL BOX
 - SHURBS
 - TREE



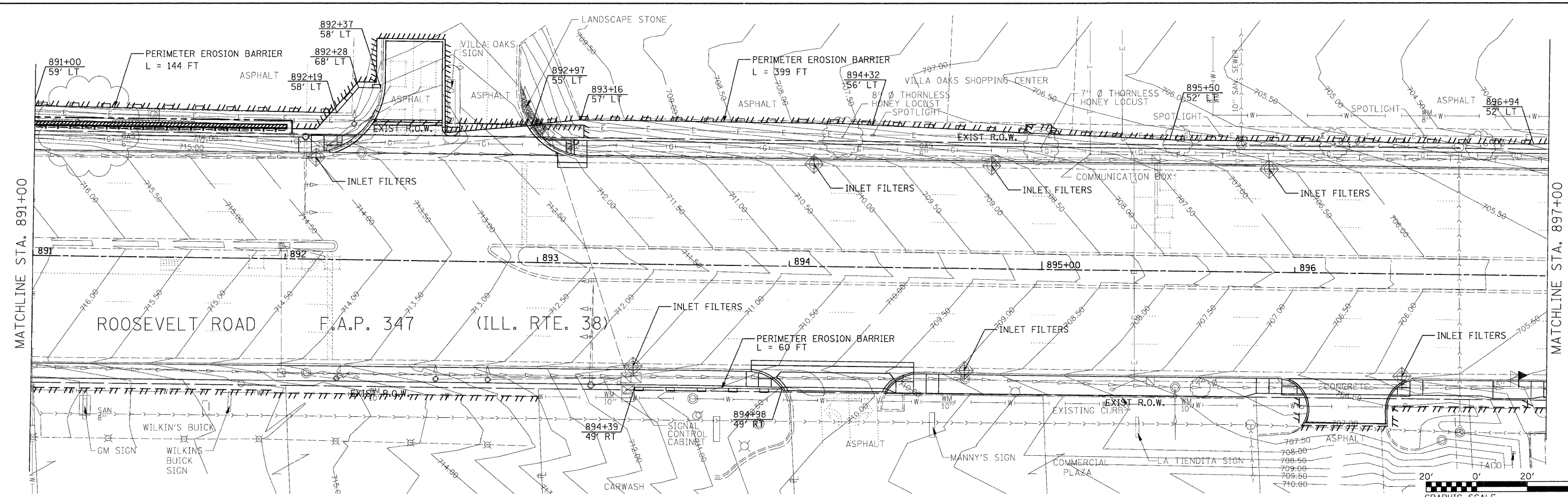
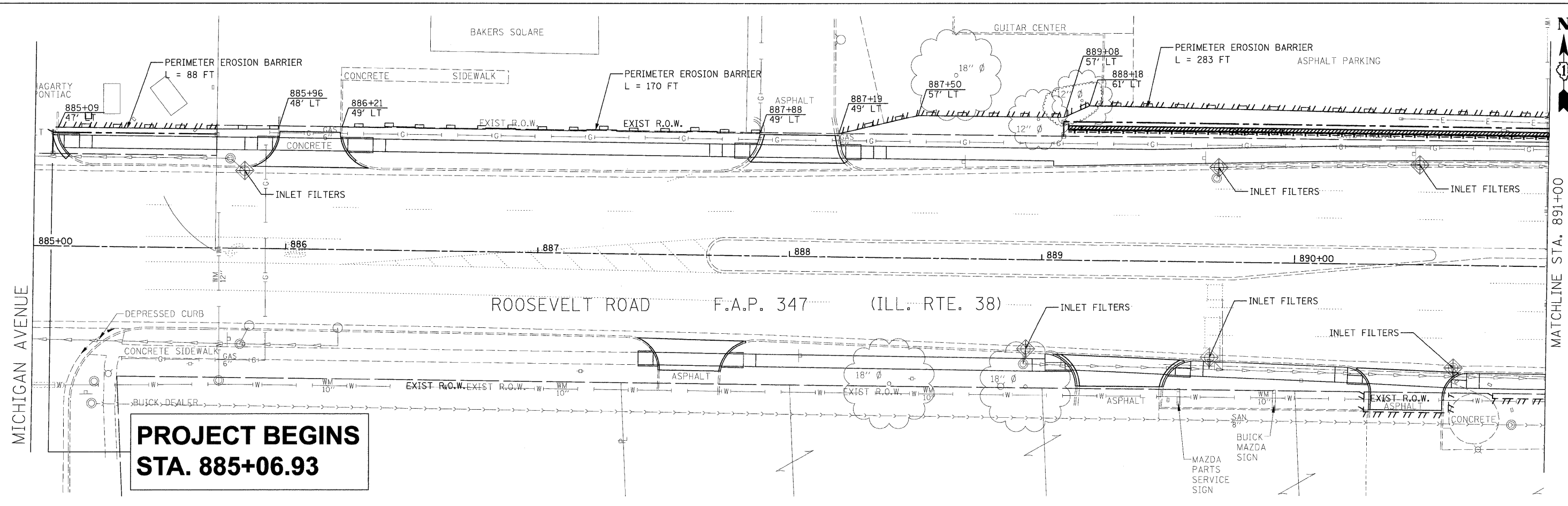
- PROPOSED LEGEND:**
- ==== RETAINING WALL
 - CONSTRUCTION LIMIT
 - ==== TEMPORARY EASEMENT
 - ==== PERMANENT EASEMENT
 - RIGHT OF WAY
 - EDGE OF PAVEMENT
 - ==== SIDEWALK
 - ==== PIPE UNDERDRAIN
 - ==== RIPRAP
 - + EL 715.60 ELEVATION



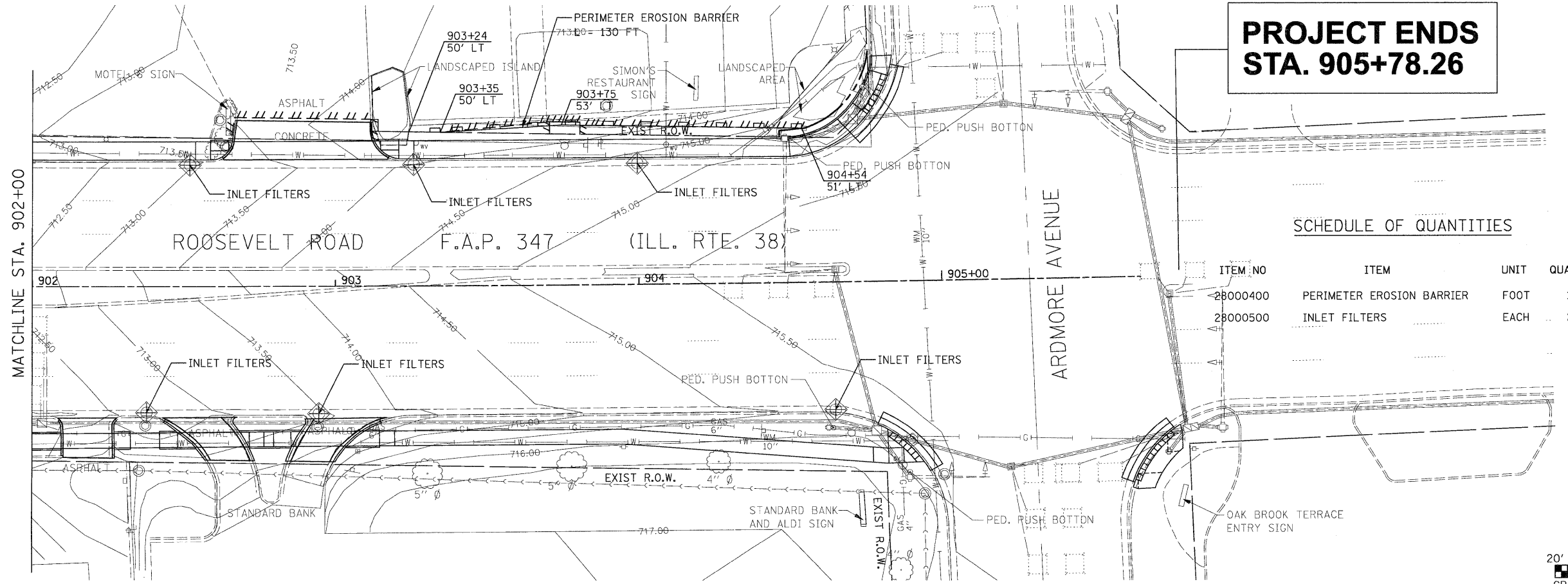
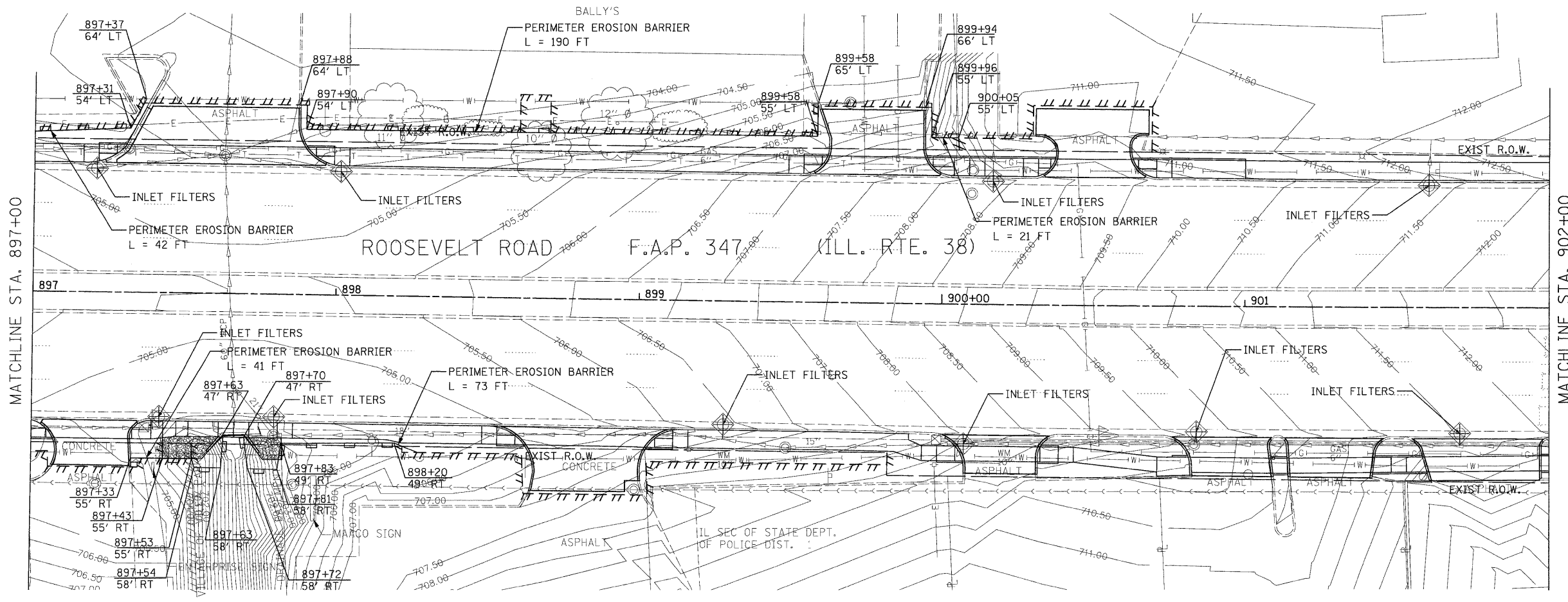
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PLOT SCALE 20.0000' / IN.	CHECKED DA	DATE 06/08/2011	REVISED			SCALE: AS SHOWN	SHEET NO. 4 OF 4 SHEETS	STA. 902+00 TO STA. 904+99	CONTRACT NO. 63197	
PLOT DATE 10/25/2011	DATE	REVISED				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MICHIGAN AVENUE

MATCHLINE STA. 891+00



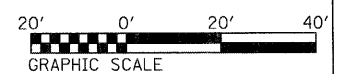
FILE NAME = D163197-ah-eros01.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN FROM STA 885+06.93 TO STA 897+00	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 24	
PLOT SCALE 28,0000' / IN.	CHECKED DA	DRAWN BM/CC/BB	REVISED			SCALE: AS SHOWN	SHEET NO. 1 OF 2 SHEETS	STA. 885+07 TO STA. 897+00	CONTRACT NO. 63197		
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISOR	REVISOR			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
GRAPHIC SCALE: 0' 20' 40'											



**PROJECT ENDS
STA. 905+78.26**

SCHEDULE OF QUANTITIES

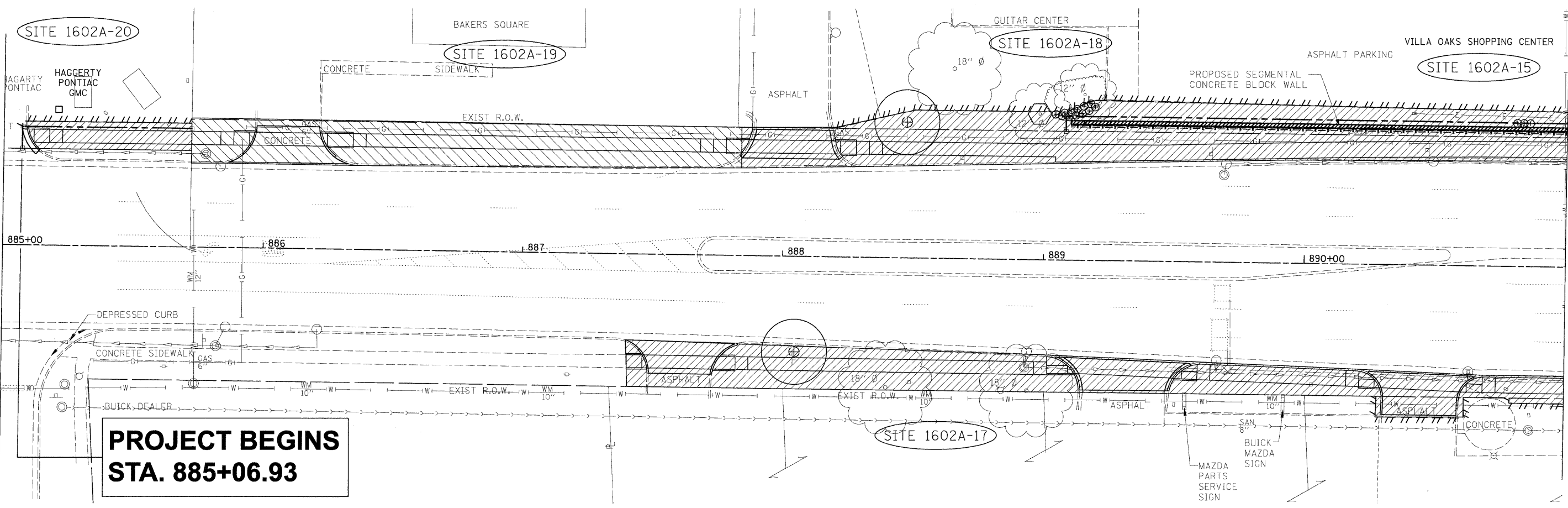
ITEM NO	ITEM	UNIT	QUANTITY
28000400	PERIMETER EROSION BARRIER	FOOT	1622
28000500	INLET FILTERS	EACH	29



FILE NAME = D163197-ah-eros2.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN FROM STA 897+00 TO STA 905+78.26	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 25	
PLOT SCALE 28,000' / IN.						SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 897+00 TO STA. 904+99		CONTRACT NO. 63197		ILLINOIS FED. AID PROJECT	
PLOT DATE 10/25/2011											
CHECKED DA											
DATE 06/08/2011											

MICHIGAN AVENUE

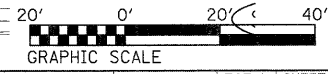
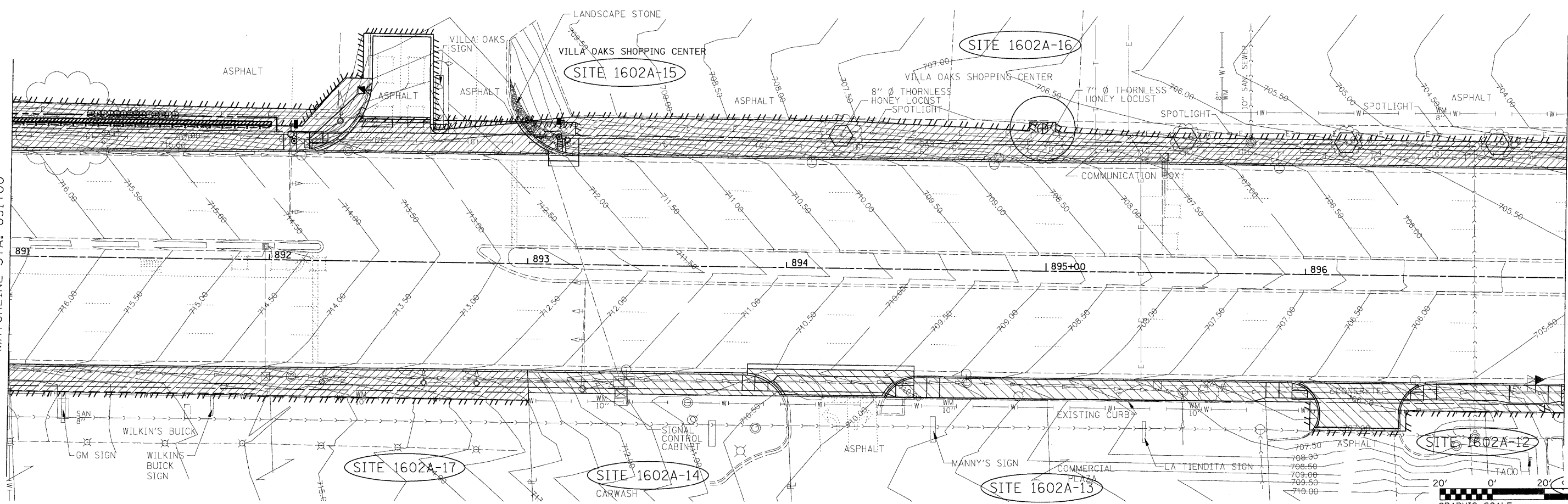
MATCHLINE STA. 891+00



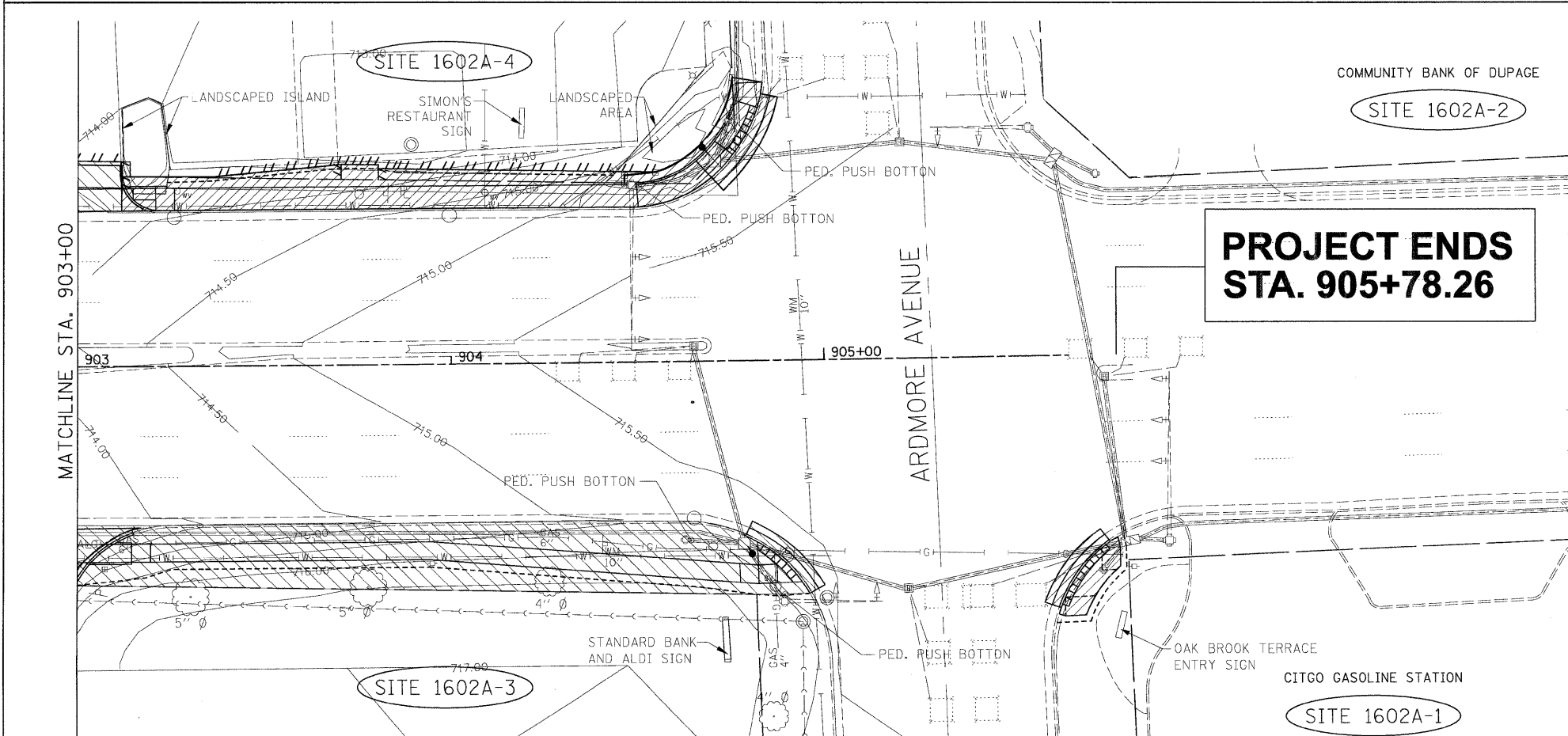
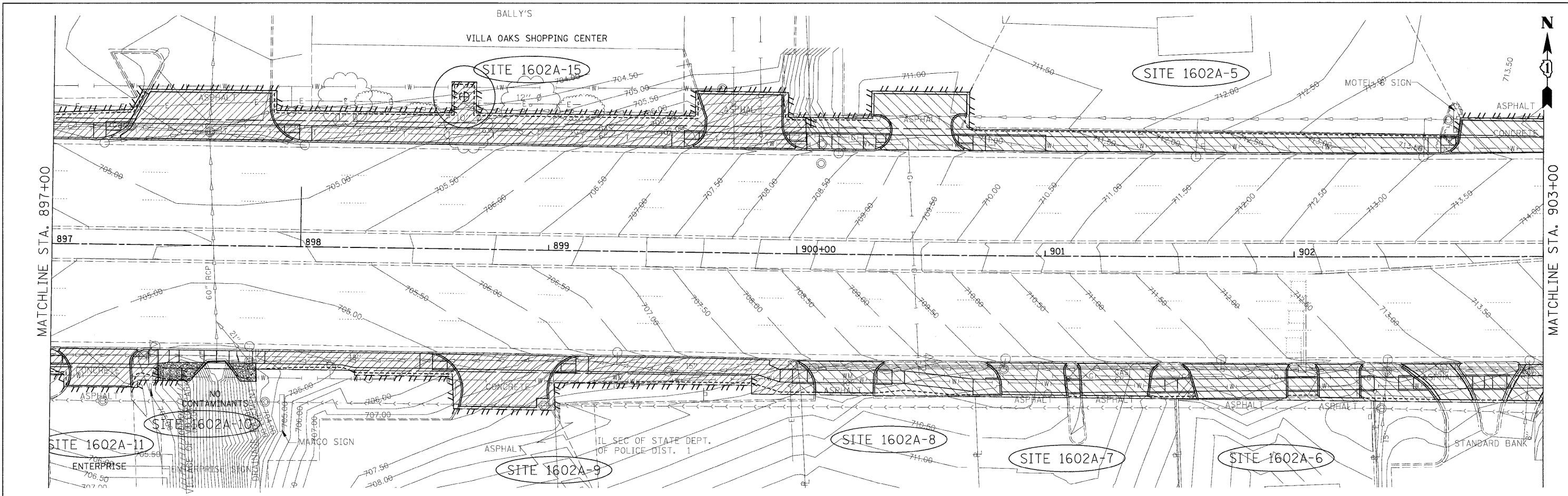
**PROJECT BEGINS
STA. 885+06.93**

MATCHLINE STA. 891+00

MATCHLINE STA. 897+00



FILE NAME = 0163197-ah-rag-area01.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISD 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGULATED SUBSTANCE REMOVAL PLAN FROM STA 885+06.93 TO STA 897+00			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 26
	PLOT SCALE 28.0000' / IN.	DRAWN BM/CC/BB	REVISD		SCALE: AS SHOWN	SHEET NO. 1 OF 2 SHEETS	STA. 885+07 TO STA. 897+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63197		
	PLOT DATE 10/25/2011	CHECKED DA	REVISD									
		DATE 06/08/2011	REVISD									



SCHEDULE OF QUANTITIES

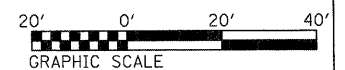
ITEM NO	ITEM	UNIT	QUANTITY
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	995
66900450	SPECIAL WASTE PLANS AND REPORT	LSUM	1
66900530	SOIL DISPOSAL ANALYSIS	EACH	8

LEGEND

- INDICATED NON-SPECIAL WASTE MANAGEMENT AREAS
- SITES HAVING DE MINIMUS CONDITION

NOTES

1. SOILS CLASSIFIED AS A NON-SPECIAL WASTE AND EXCAVATED FROM INDICATED NON-SPECIAL WASTE MANAGEMENT AREAS, SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE PROJECT SPECIAL PROVISIONS FOR THE REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES.
2. UPON APPROVAL OF THE ENGINEER, TO THE EXTENT FEASIBLE, SUITABLE NON-ORGANIC NON-SPECIAL WASTE SOILS SHOULD BE BURIED BEHIND THE SEGMENTAL CONCRETE BLOCK WALL IN-LIEU OR OFF-SITE DISPOSAL.



FILE NAME = D163197-ahr-reg-area02.dgn	USER NAME IDDT	DESIGNED DA/SC	REVISD 10/24/2011
		DRAWN BM/CC/BB	REVISD
		CHECKED DA	REVISD
		DATE 06/08/2011	REVISD

PLOT SCALE 28,0000' / IN.	
PLOT DATE 10/25/2011	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

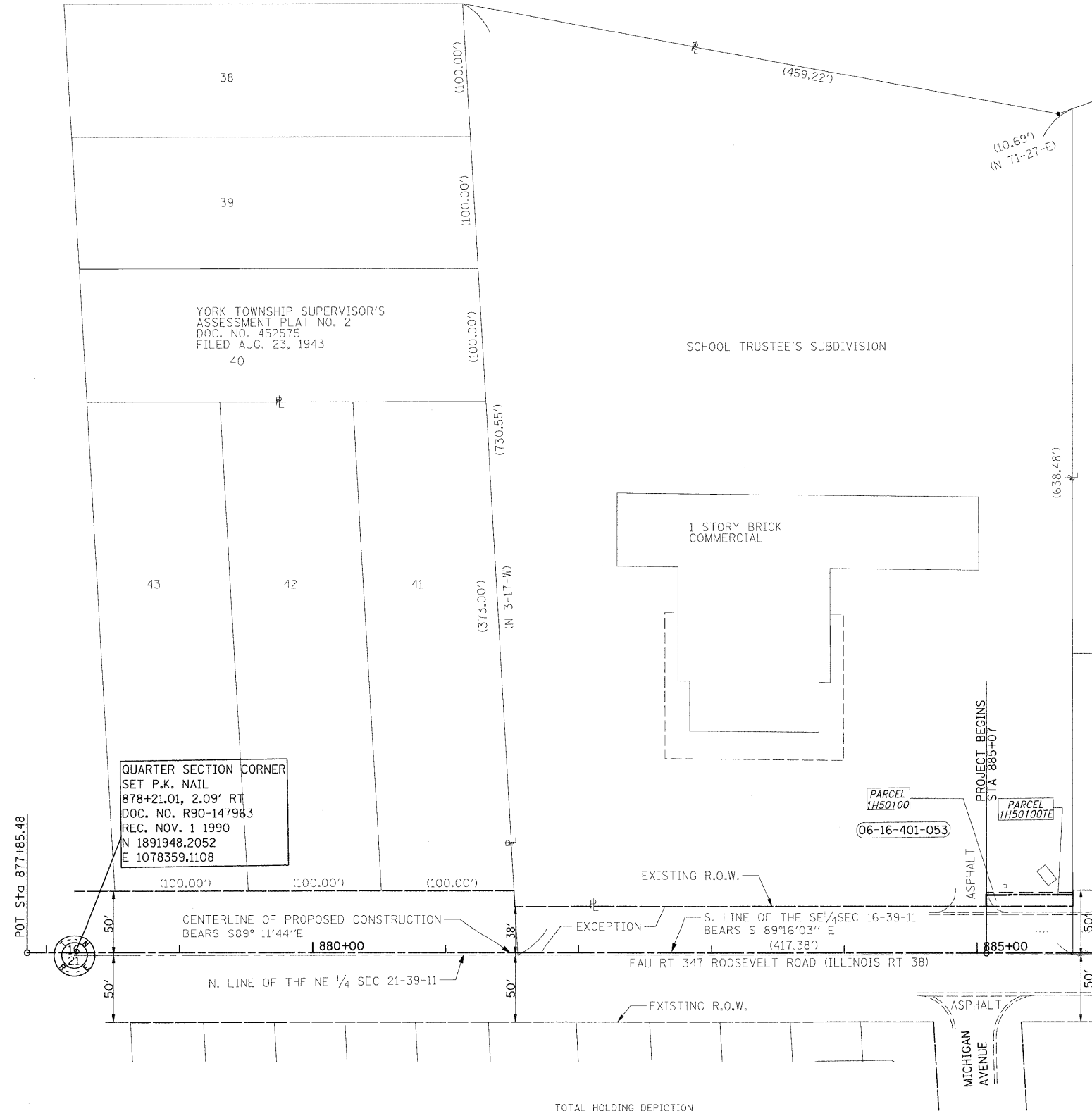
**REGULATED SUBSTANCE REMOVAL PLAN
FROM STA 897+00 TO STA 905+78.26**

SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 897+00 TO STA. 904+99

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	27
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63197	

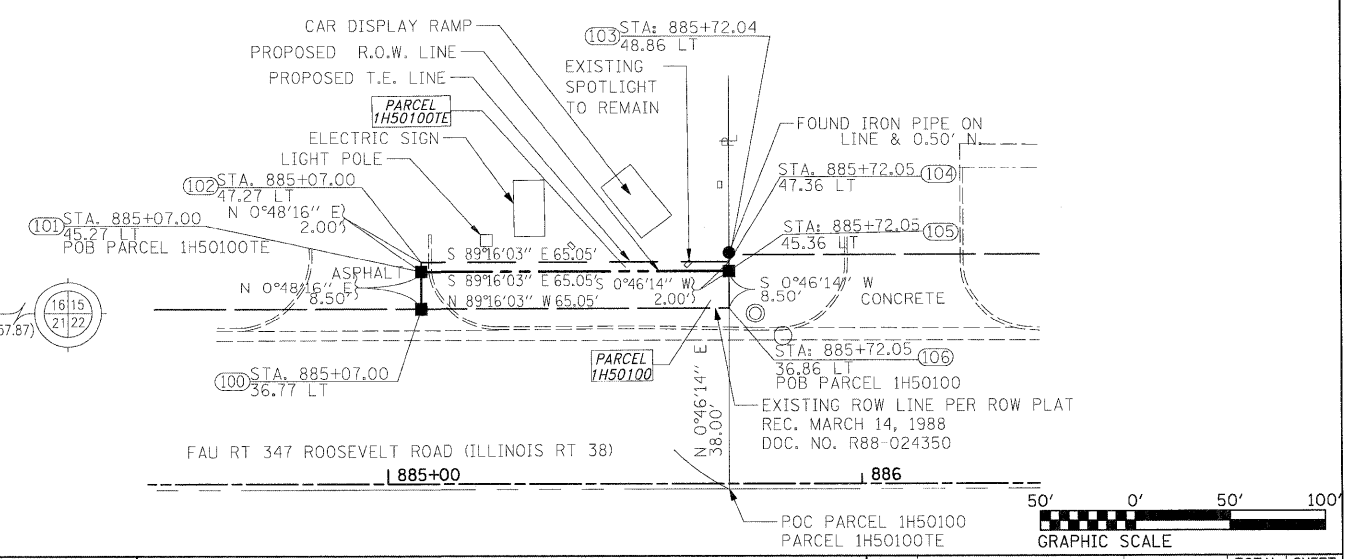


PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1H50100	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO LOSALLE BAN. NA AS TRUSTEE UNDER TRUST AGREEMENT DATED JUNE 19, 1985 KNOWN AS TRUST NO. 109934	6.471 ACRES	0.013 ACRES	6.458 ACRES				06-16-401-053	
1H50100TE						130 SQ. FT. 0.003 ACRES	CONSTRUCTION		



PROJECT COORDINATES ARE SURFACE COORDINATES, AND CAN BE CONVERTED TO STATE PLANE COORDINATES, EAST ZONE, NAD 83 BY MULTIPLYING THE COORDINATES BY 0.99997097.

NUMBER	NORTHING	EASTING
100	1891977.4324	1079045.5859
101	1891985.9270	1079045.7052
102	1891987.9268	1079045.7332
103	1891988.6000	1079110.7927
104	1891987.1036	1079110.7726
105	1891985.1038	1079110.7457
106	1891976.6009	1079110.6313



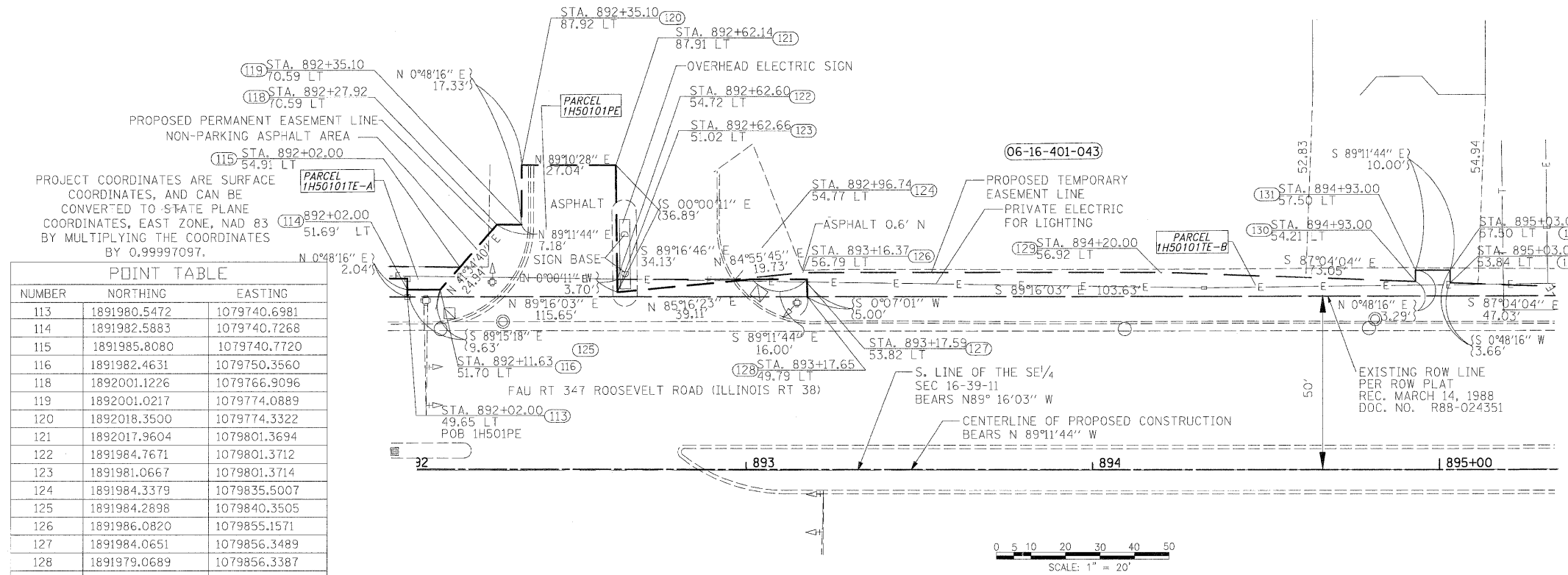
FILE NAME = D163197-sht-rowplan01.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISOR 10/24/2011
		DRAWN BM/CC/BB	REVISOR
		CHECKED DA	REVISOR
		DATE 06/08/2011	REVISOR

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY PLAN
STA 877+85.48 TO STA 885+72**

SCALE: AS SHOWN SHEET NO. 1 OF 8 SHEETS STA. TO STA.

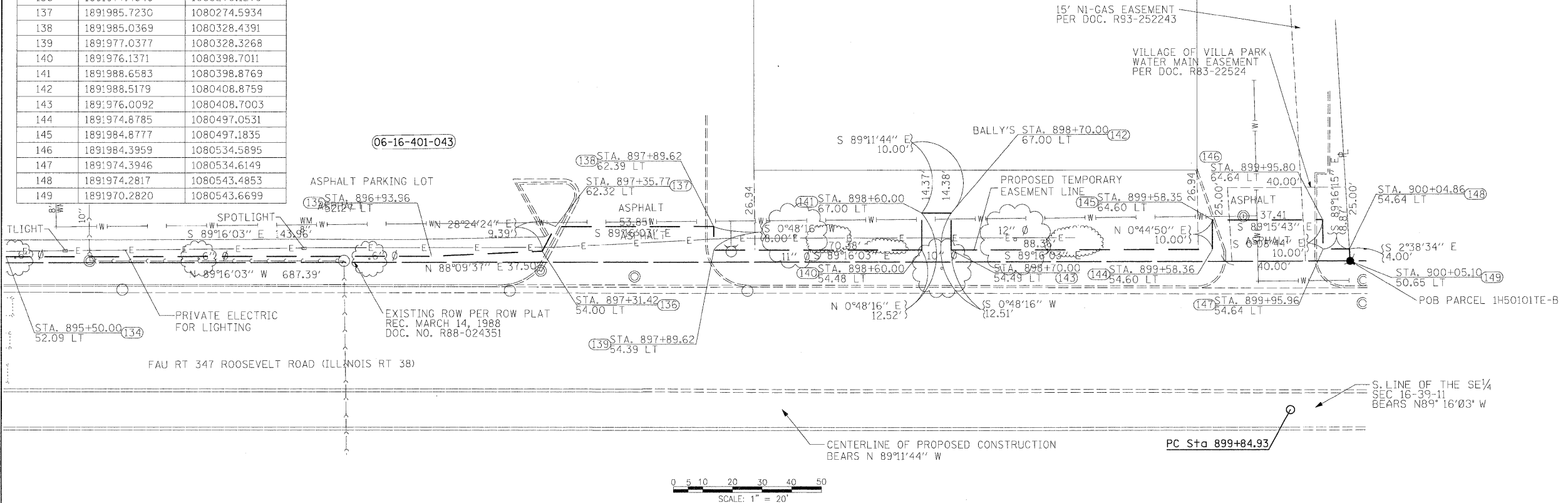
F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 28
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



PROJECT COORDINATES ARE SURFACE COORDINATES, AND CAN BE CONVERTED TO STATE PLANE COORDINATES, EAST ZONE, NAD 83 BY MULTIPLYING THE COORDINATES BY 0.99997097.

NUMBER	NORTHING	EASTING
113	1891980.5472	1079740.6981
114	1891982.5883	1079740.7268
115	1891985.8080	1079740.7720
116	1891982.4631	1079750.3560
118	1892001.1226	1079766.9096
119	1892001.0217	1079774.0889
120	1892018.3500	1079774.3322
121	1892017.9604	1079801.3694
122	1891984.7671	1079801.3712
123	1891981.0667	1079801.3714
124	1891984.3379	1079835.5007
125	1891984.2898	1079840.3505
126	1891986.0820	1079855.1571
127	1891984.0651	1079856.3489
128	1891979.0689	1079856.3387
129	1891984.7570	1079958.7787
130	1891981.0201	1080031.7335
131	1891984.3120	1080031.7797
132	1891984.1716	1080041.7787
133	1891981.5082	1080041.7272
134	1891978.1023	1080088.6981
135	1891976.2610	1080232.6464
136	1891977.4649	1080270.1270
137	1891985.7230	1080274.5934
138	1891985.0369	1080328.4391
139	1891977.0377	1080328.3268
140	1891976.1371	1080398.7011
141	1891988.6583	1080398.8769
142	1891988.5179	1080408.8759
143	1891976.0092	1080408.7003
144	1891974.8785	1080497.0531
145	1891984.8777	1080497.1835
146	1891984.3959	1080534.5895
147	1891974.3946	1080534.6149
148	1891974.2817	1080543.4853
149	1891970.2820	1080543.6699

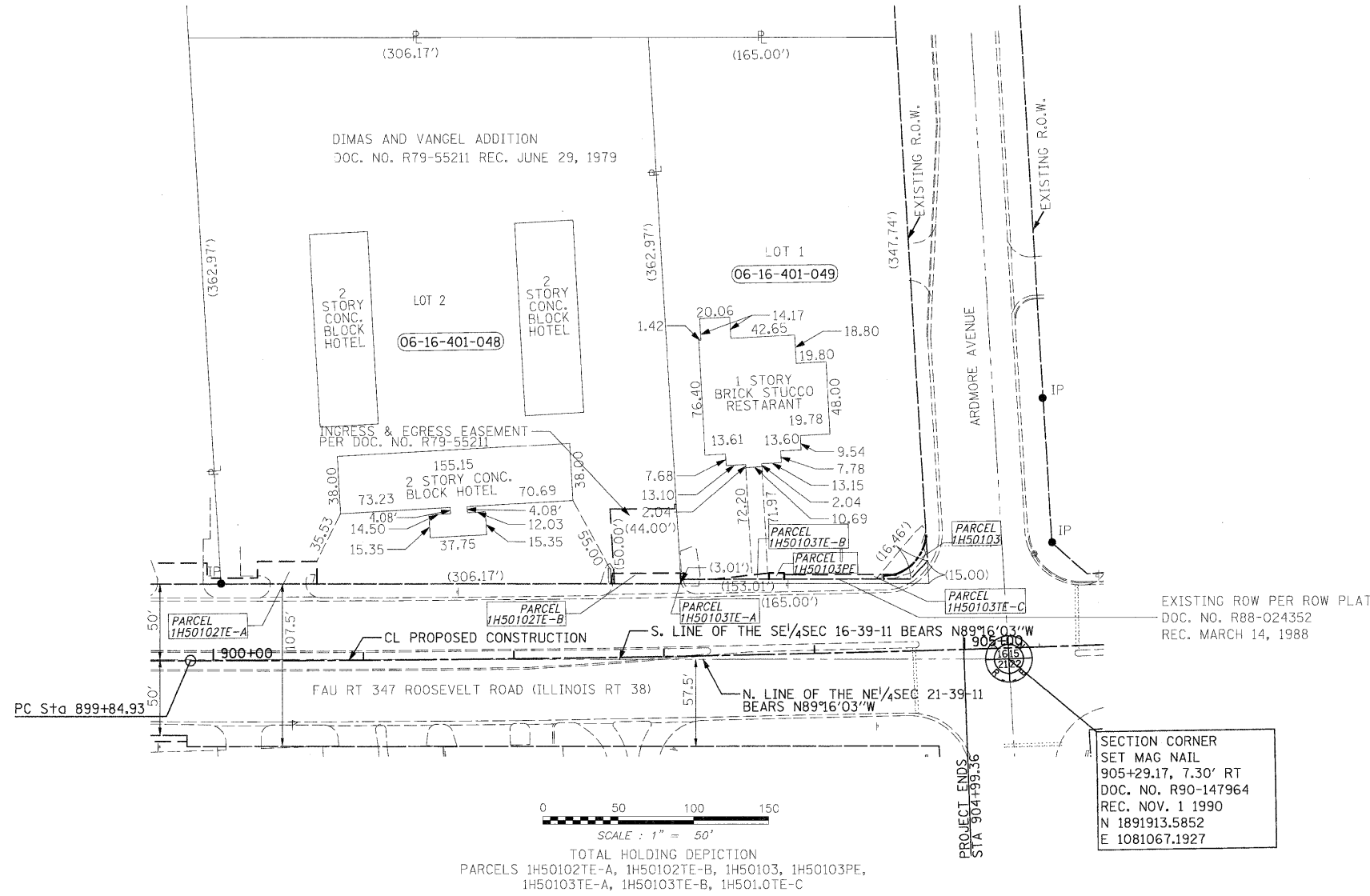
PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	TAX	PROPERTY ACQUIRED BY
1H50101PE	VILLA OAKS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	21.843 ACRES				0.037 ACRES	CONSTRUCTION	06-16-401-043		
1H50101TE-B						0.089 ACRES	CONSTRUCTION	06-16-401-046		



FILE NAME = D163197-shr-rowplan83.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		RIGHT OF WAY PLAN STA 892+02 TO STA 900+05			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 30
PLOT SCALE 20.0000' / IN.	CHECKED DA	REVISOR	DATE 06/08/2011						CONTRACT NO. 63197				
PLOT DATE 10/25/2011	DATE	REVISOR							ILLINOIS FED. AID PROJECT				



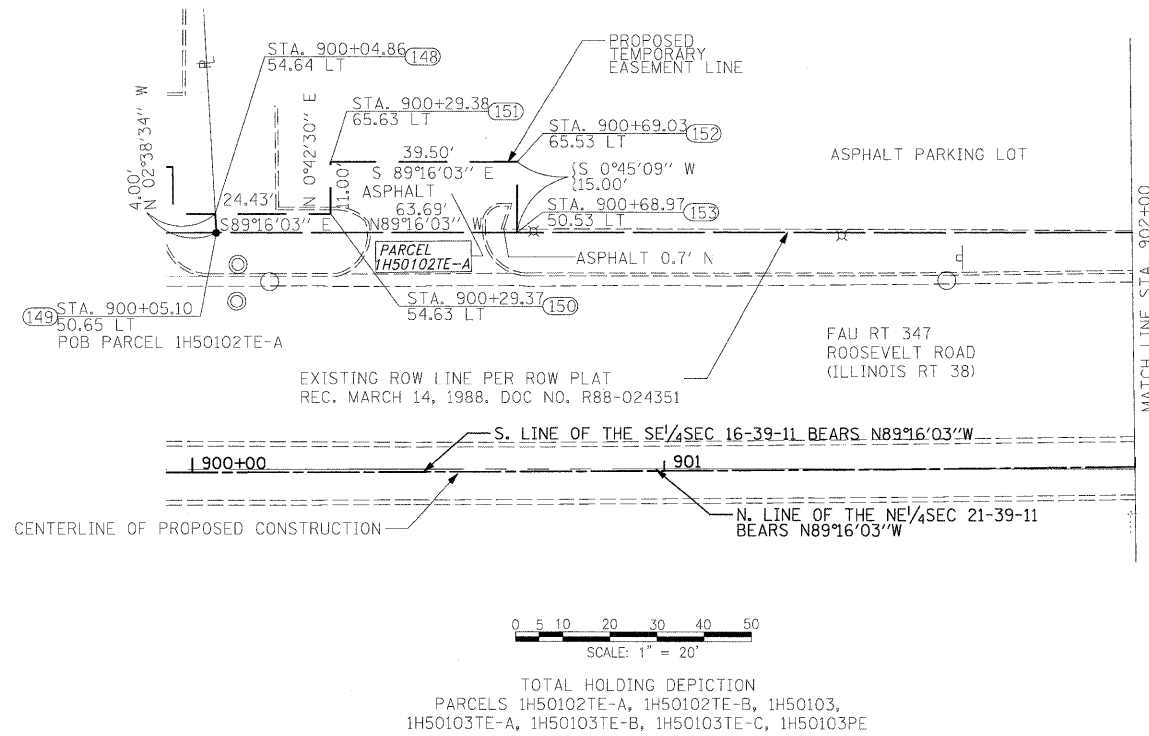
PARCEL NUMBER	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREV. DED.	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES	ACRES		
1H50102TE-A	M-SIX LIMITED PARTNERSHIP, A DELAWARE LIMITED PARTNERSHIP, AS TO AN ESTATE FOR YEARS, AND ACREM LIMITE'S PARTNERSHIP, A DELAWARE LIMITED PARTNERSHIP, AS TO A REMAINDER INTEREST	2.547 ACRES				0.016 ACRES	CONSTRUCTION	06-16-401-048	
1H50102TE-B						319 SQ. FT. 0.007 ACRES	CONSTRUCTION		
1H50103	WESTERN SPRINGS NATIONAL BANK AND TRUST AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER, 4, 1991 KNOWN AS TRUST NO. 3341	1.359 ACRES	188 SQ. FT. 0.004 ACRES	1.355 ACRES				06-16-401-049	
1H50103TE-A					9 SQ. FT.	CONSTRUCTION			
1H50103TE-B					72 SQ. FT. 0.002 ACRES	CONSTRUCTION			
1H50103TE-C					202 SQ. FT. 0.005 ACRES	CONSTRUCTION			
1H50103PE					40 SQ. FT. 0.001 ACRES	CONST/MAINT			



FILE NAME =	USER NAME	IDOT	DESIGNED	DA/SC	REVISED	10/24/2011
D163197-shr-rowplan04.dgn			DRAWN	BM/CC/BB	REVISED	
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	PLOT DATE	10/25/2011	DATE	06/08/2011	REVISED	

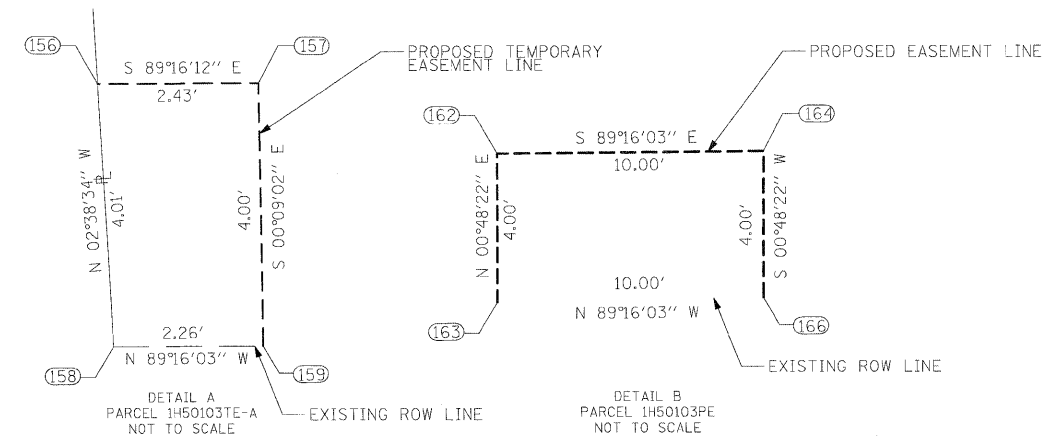
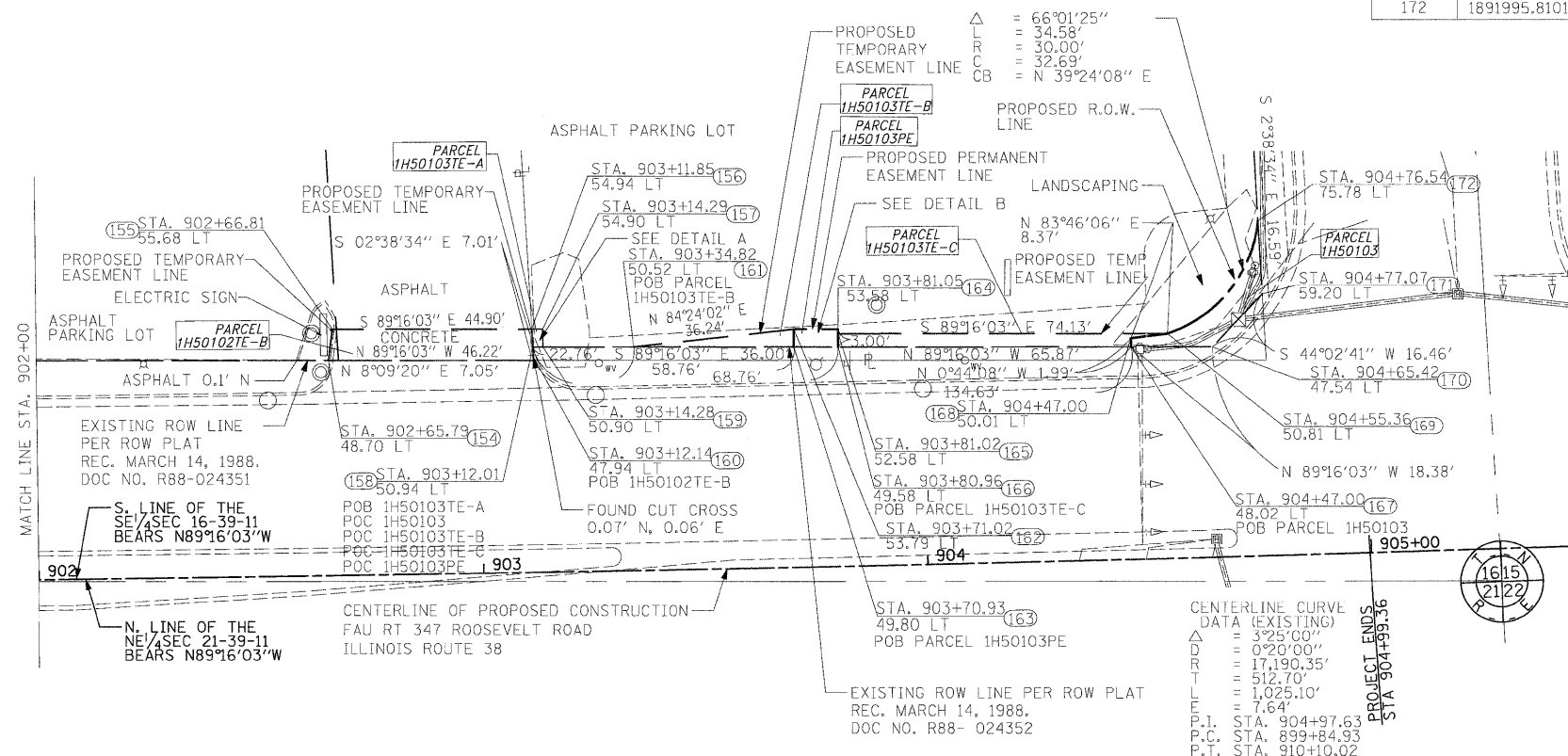
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		RIGHT OF WAY PLAN STA 900+00 TO STA 905+00		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
				347	02-00077-00-SW	DUPAGE	73	31			
				CONTRACT NO. 63197				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
				SCALE: AS SHOWN		SHEET NO. 4 OF 8 SHEETS		STA.	TO STA.		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		RIGHT OF WAY PLAN STA 900+00 TO STA 905+00		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
				347	02-00077-00-SW	DUPAGE	73	31			
				CONTRACT NO. 63197				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
				SCALE: AS SHOWN		SHEET NO. 4 OF 8 SHEETS		STA.	TO STA.		



PROJECT COORDINATES ARE SURFACE COORDINATES, AND CAN BE CONVERTED TO STATE PLANE COORDINATES, EAST ZONE, NAD 83 BY MULTIPLYING THE COORDINATES BY 0.99997097.

POINT TABLE		
NUMBER	NORTHING	EASTING
148	1891974.2817	1080543.4853
149	1891970.2820	1080543.6699
150	1891973.9708	1080567.9160
151	1891984.9699	1080568.0520
152	1891984.4631	1080607.5476
153	1891969.4679	1080607.3506
154	1891966.9618	1080803.5940
155	1891973.9442	1080804.5946
156	1891973.3721	1080849.4907
157	1891973.3411	1080851.9245
158	1891969.3702	1080849.6754
159	1891969.3411	1080851.9350
160	1891966.3682	1080849.8140
161	1891969.0782	1080872.4162
162	1891972.6140	1080908.4813
163	1891968.6192	1080908.4251
164	1891972.4911	1080918.4815
165	1891971.4907	1080918.4680
166	1891968.4913	1080918.4278
167	1891967.6495	1080984.2933
168	1891969.6394	1080984.2678
169	1891970.5483	1080992.5921
170	1891967.4145	1081002.6682
171	1891979.2431	1081014.1088
172	1891995.8101	1081013.3439



FILE NAME = D163197-sht-ropplan05.dgn
USER NAME IDOT
DESIGNED DA/SC
DRAWN BM/CC/BB
PLOT SCALE 50.0000''/IN.
CHECKED DA
PLOT DATE 10/25/2011
DATE 06/08/2011

REVISD 10/24/2011
REVISD
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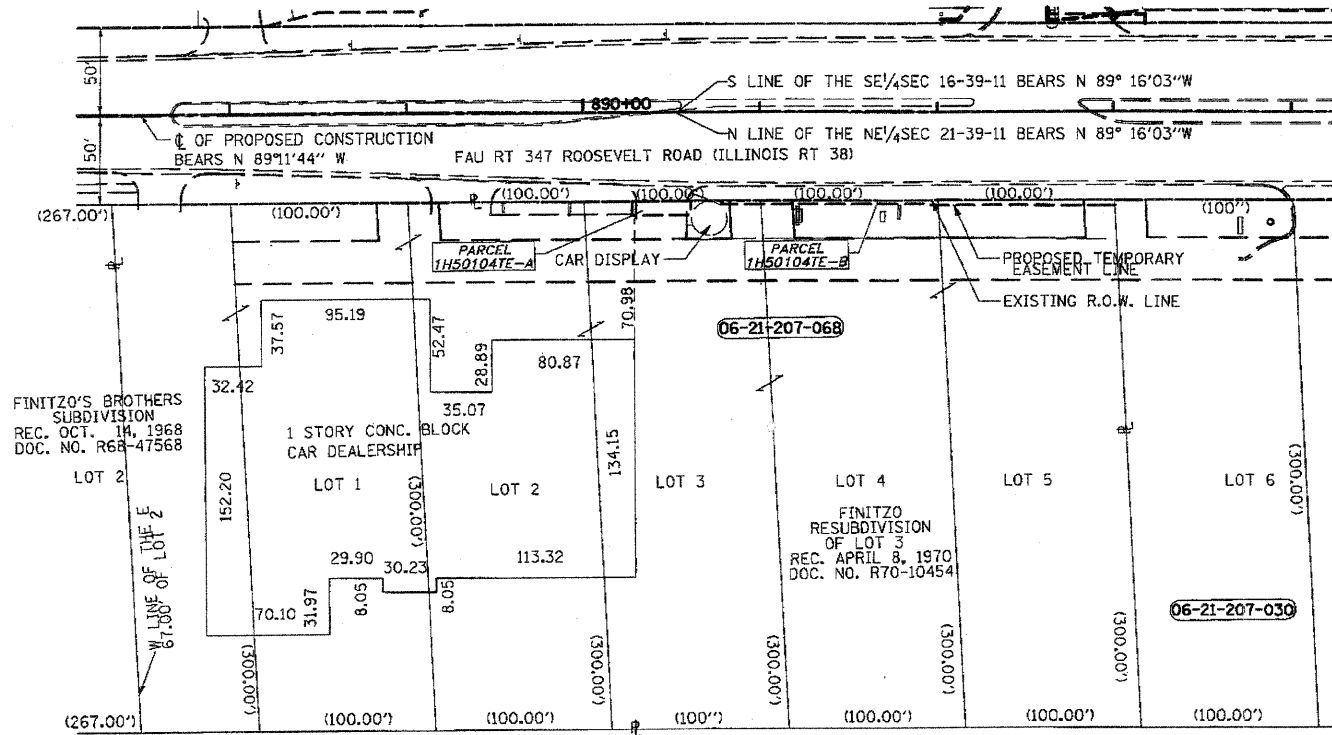
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY PLAN
STA 900+00 TO STA 905+00**
SCALE: AS SHOWN SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	32
CONTRACT NO. 63197				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

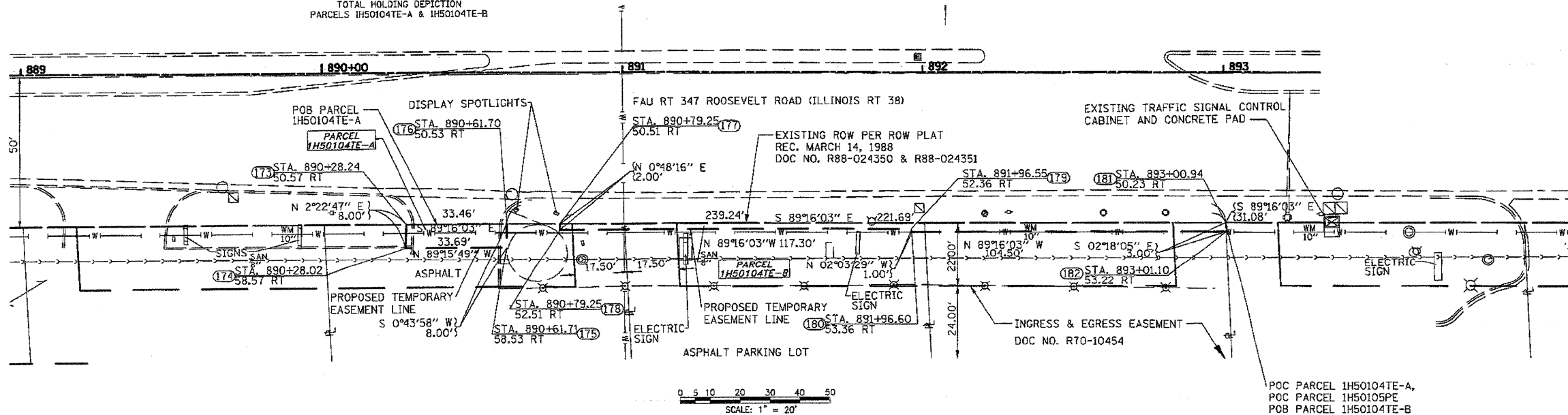


PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DEP. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
IH50104TE-A	LSALLE NATIONAL BANK (OR ITS SUCCESSOR) AS TRUSTEE UNDER TRUST AGREEMENT DATED MAY 15, 1972 KNOWN AS TRUST NO. 44094	3.902 ACRES				269 SQ. FT. 0.006 ACRES	CONSTRUCTION	06-21-207-068	
IH50104TE-B						0.013 ACRES	CONSTRUCTION		



PROJECT COORDINATES ARE SURFACE COORDINATES, AND CAN BE CONVERTED TO STATE PLANE COORDINATES, EAST ZONE, NAD 83 BY MULTIPLYING THE COORDINATES BY 0.99997097.

NUMBER	NORTHING	EASTING
173	1891882.7781	1079565.5481
174	1891874.7820	1079565.2158
175	1891874.3489	1079598.9031
176	1891882.3504	1079599.0054
177	1891882.1260	1079616.5540
178	1891880.1221	1079616.5259
179	1891878.6251	1079733.8164
180	1891877.6245	1079733.8524
181	1891879.2922	1079838.2222
182	1891876.2932	1079838.3427

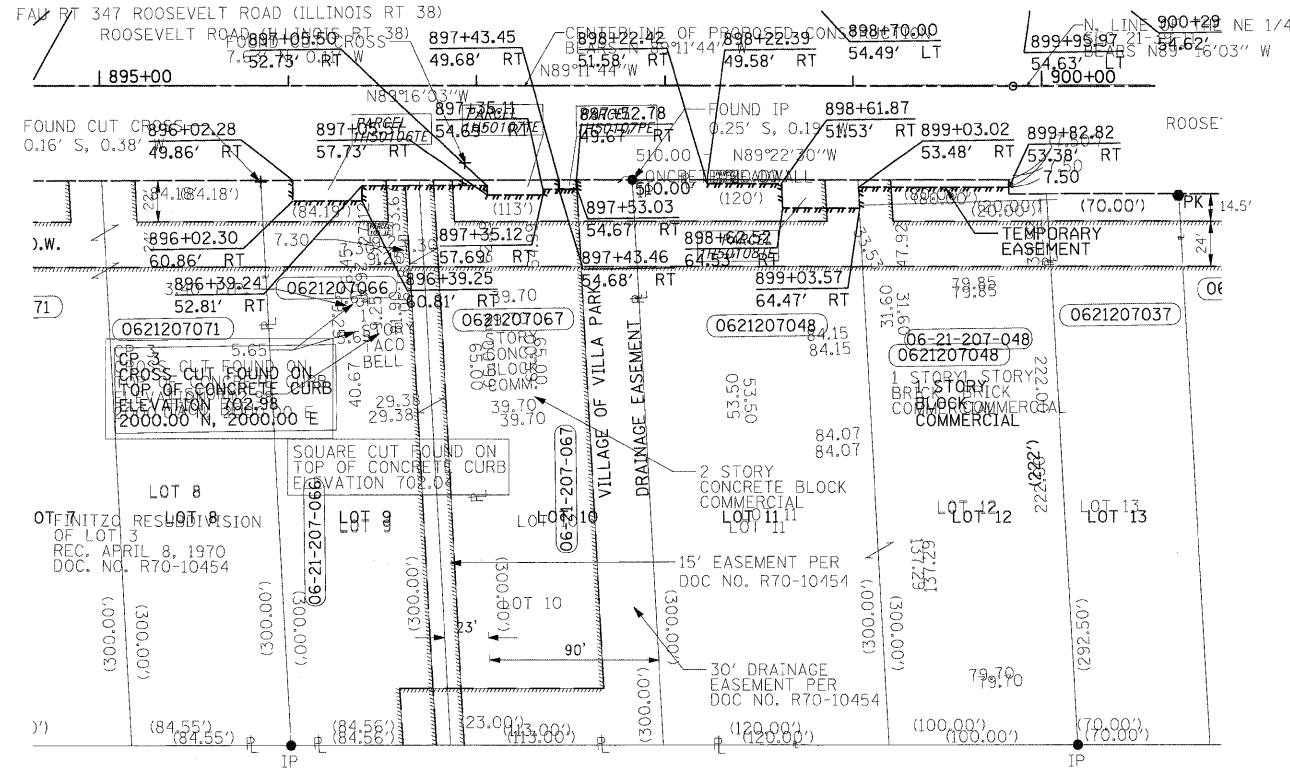


POC PARCEL IH50104TE-A,
POC PARCEL IH50105PE
POB PARCEL IH50104TE-B

FILE NAME = D:\S\97-shr-traveler\88.dgn	USER NAME IDDT	DESIGNED DA/SC	REVISOR 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLAN STA 887+20 TO STA 894+10		F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 33	
PLOT SCALE 1/8" = 100'	CHECKED DA	DATE 06/08/2011	REVISOR		SCALE: AS SHOWN	SHEET NO. 6 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 63197		ILLINOIS FED. AID PROJECT		
PLOT DATE 10/25/2011	DATE											

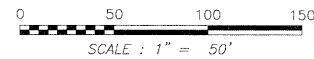


PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1H50106TE	TACO BELL, A CALIFORNIA CORPORATION	0.739 ACRES				0.013 ACRES	CONSTRUCTION	06-21-207-066	
1H50107TE	COSTI KHOURY	0.619 ACRES				317 SQ. FT. 0.007 ACRES	CONSTRUCTION	06-21-207-067	
1H50107PE						47 SQ. FT. 0.001 ACRES	CONSTRUCTION		
1H50108TE	ITASCA BANK & TRUST CO., AS TRUSTEE UNDER TRUST AGREEMENT DATED APRIL 1, 1999 KNOWN AS TRUST NO. 11682	1.509 ACRES				0.023 ACRES	CONSTRUCTION	06-21-207-048	

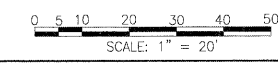
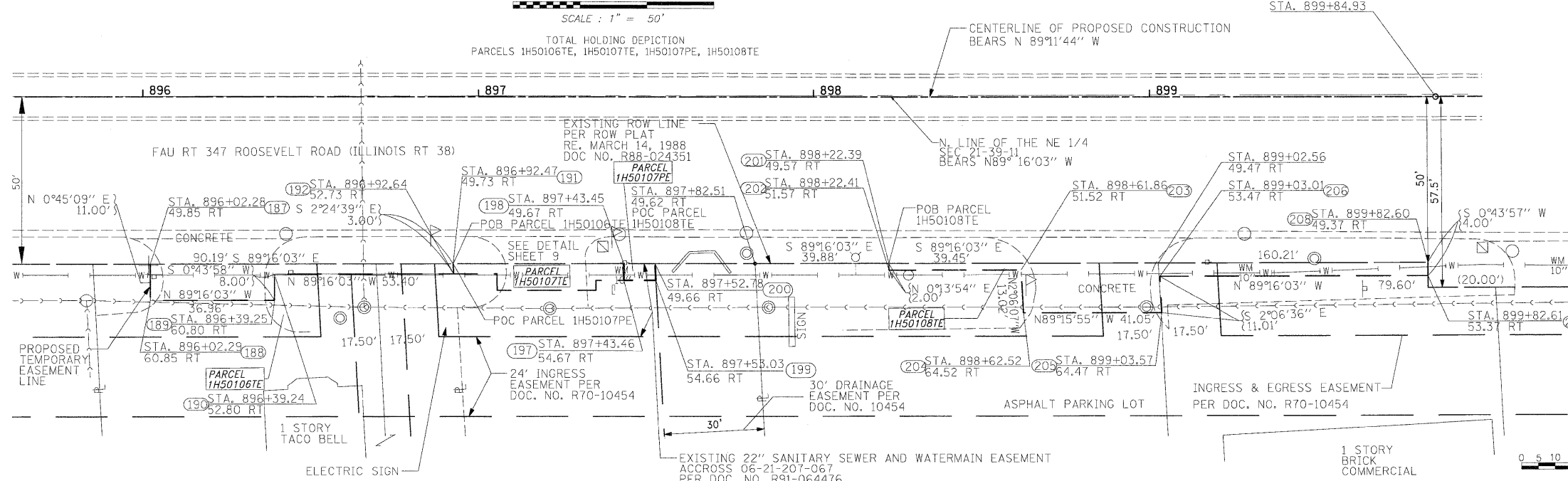


PROJECT COORDINATES ARE SURFACE COORDINATES, AND CAN BE CONVERTED TO STATE PLANE COORDINATES, EAST ZONE, NAD 83 BY MULTIPLYING THE COORDINATES BY 0.99997097.

NUMBER	NORTHING	EASTING
187	1891875.4383	1080139.5417
188	1891864.4392	1080139.3972
189	1891863.9703	1080176.3543
190	1891871.9680	1080176.4566
191	1891874.2872	1080229.7274
192	1891871.2854	1080229.8538
197	1891868.6360	1080280.6401
198	1891873.6356	1080280.7003
199	1891868.5136	1080290.2092
200	1891873.5152	1080290.0295
201	1891872.6265	1080359.6339
202	1891870.6264	1080359.6258
203	1891870.1222	1080399.0727
204	1891857.1159	1080399.5501
205	1891856.5895	1080440.5967
206	1891867.5963	1080440.1912
207	1891866.5789	1080519.7798
208	1891870.5786	1080519.8309



TOTAL HOLDING DEPICTION
PARCELS 1H50106TE, 1H50107TE, 1H50107PE, 1H50108TE



FILE NAME =
D163197-shr-rowplan07.dgn

USER NAME	IDOT	DESIGNED	DA/SC	REVISED	10/24/2011
		DRAWN	BM/CC/BB	REVISED	
		CHECKED	DA	REVISED	
		DATE	06/08/2011	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

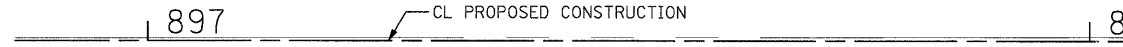
RIGHT OF WAY PLAN
STA 894 + 60 TO 899 + 20

SCALE: AS SHOWN SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	34
CONTRACT NO. 63197				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



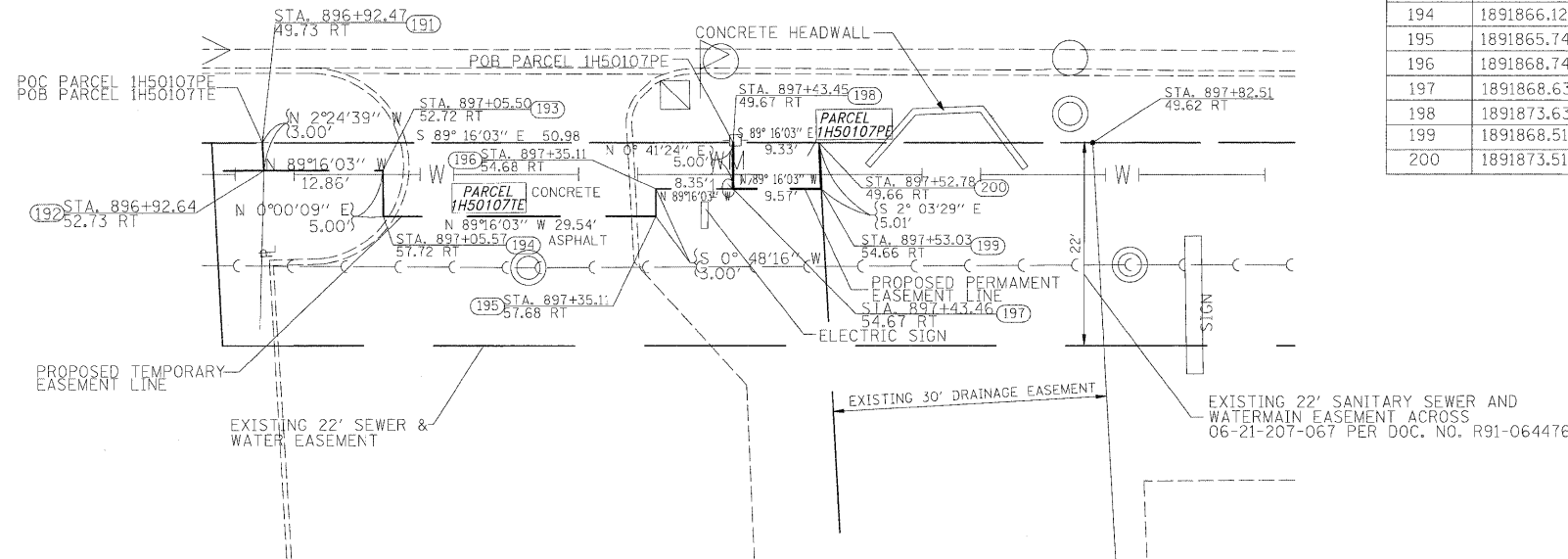
PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1H50107TE	COSTI KHOURY	0.619 ACRES				317 SQ. FT. 0.007 ACRES	CONSTRUCTION	06-21-207-067	
1H50107PE						47 SQ. FT. 0.001 ACRES	CONSTRUCTION		



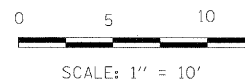
FAU RT 347 ROOSEVELT ROAD (ILLINOIS RT 38)

PROJECT COORDINATES ARE SURFACE COORDINATES, AND CAN BE CONVERTED TO STATE PLANE COORDINATES, EAST ZONE, NAD 83 BY MULTIPLYING THE COORDINATES BY 0.99997097.

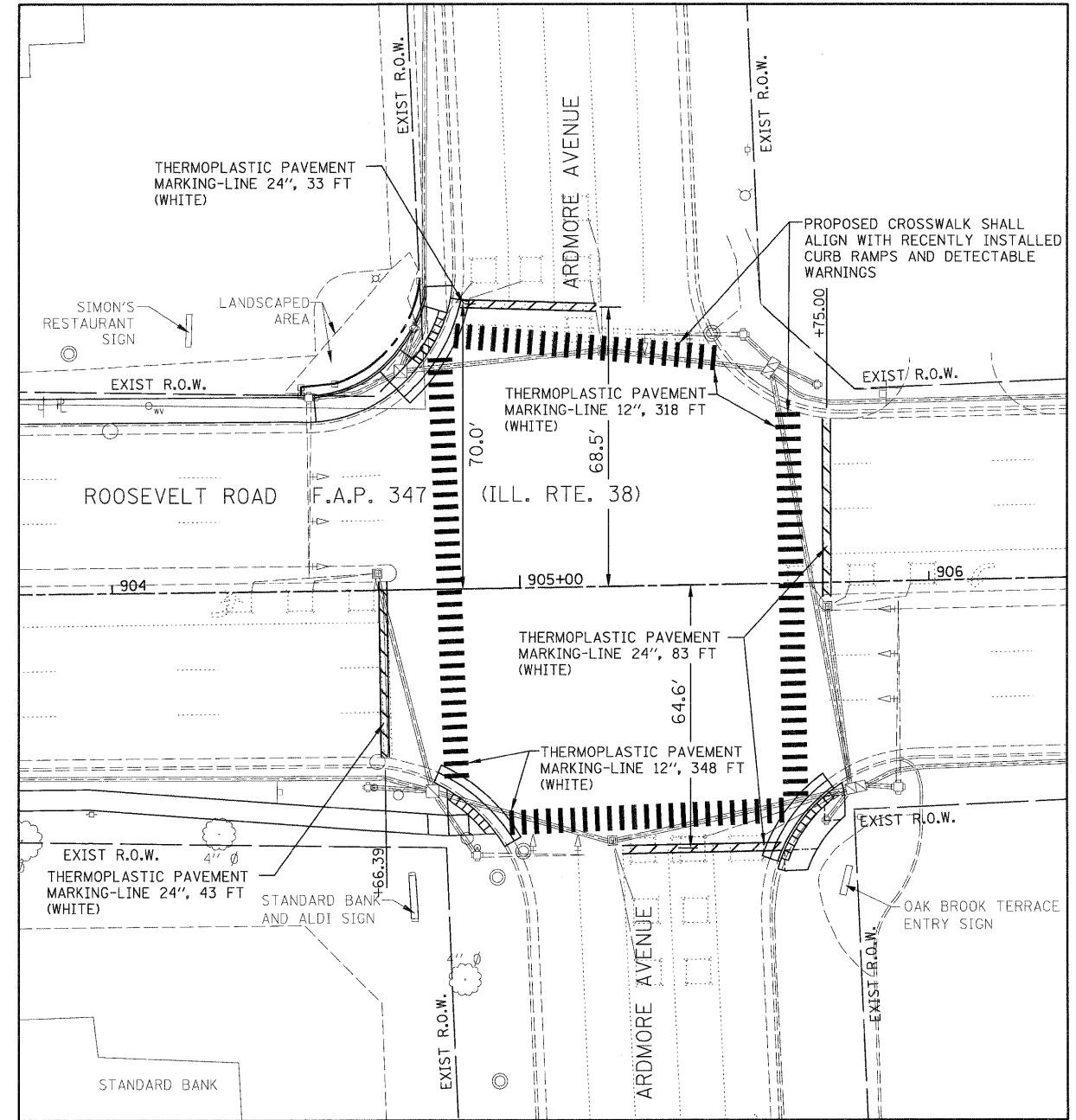
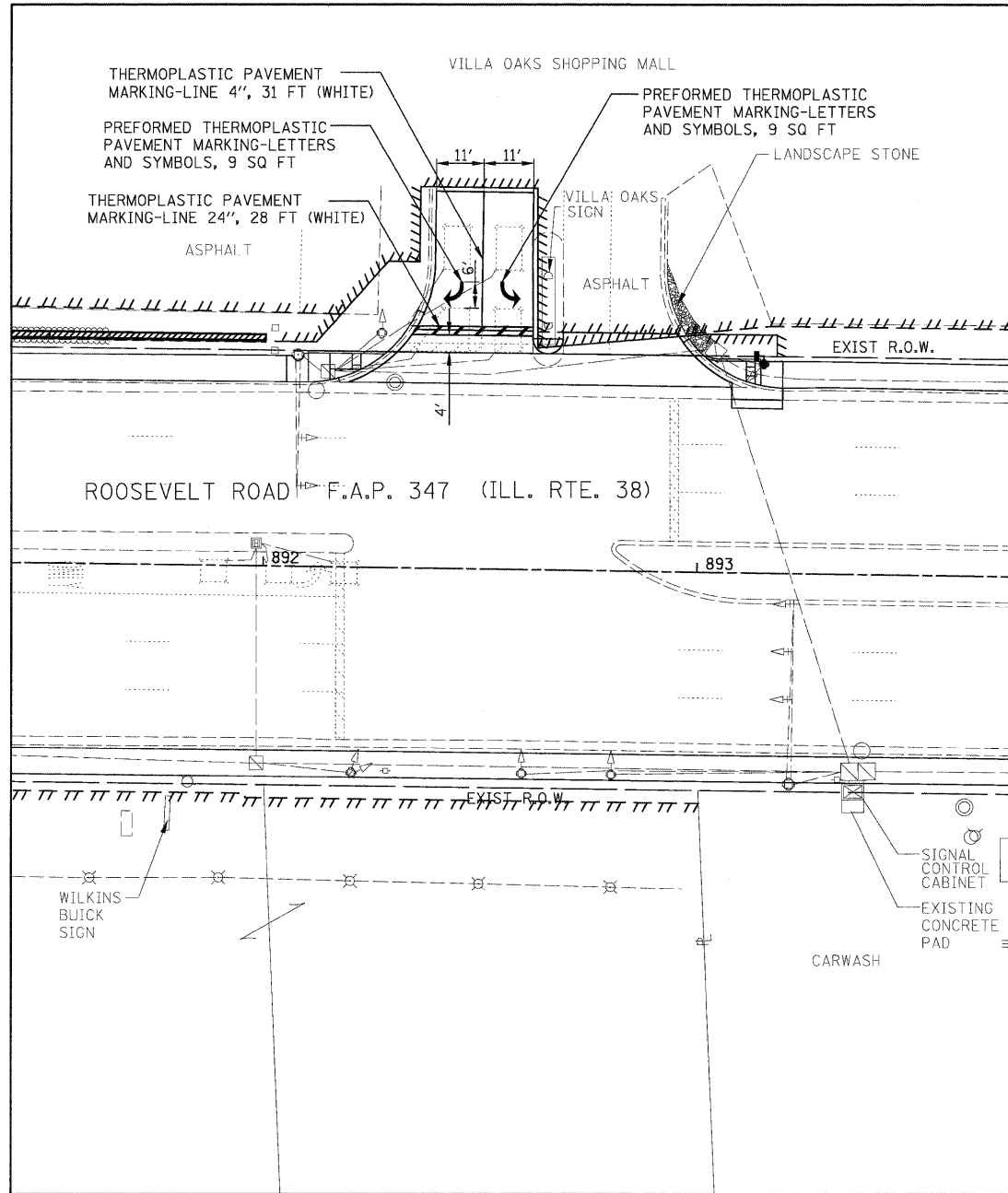
POINT TABLE		
NUMBER	NORTHING	EASTING
191	1891874.2872	1080229.7274
192	1891871.2854	1080229.8538
193	1891871.1210	1080242.7112
194	1891866.1206	1080242.7110
195	1891865.7430	1080272.2486
196	1891868.7427	1080272.2908
197	1891868.6360	1080280.6401
198	1891873.6356	1080280.7003
199	1891868.5136	1080290.2092
200	1891873.5152	1080290.0295



DETAIL



FILE NAME = D:\63197-sht-rowplan\8.dgn	USER NAME IDDT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLAN STA 896 + 92 897 + 83		F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 35	CONTRACT NO. 63197
PLOT SCALE 50.0000' / IN.	CHECKED DA	REVISIED	REVISIED		SCALE: AS SHOWN	SHEET NO. 8 OF 8 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISIED	REVISIED									

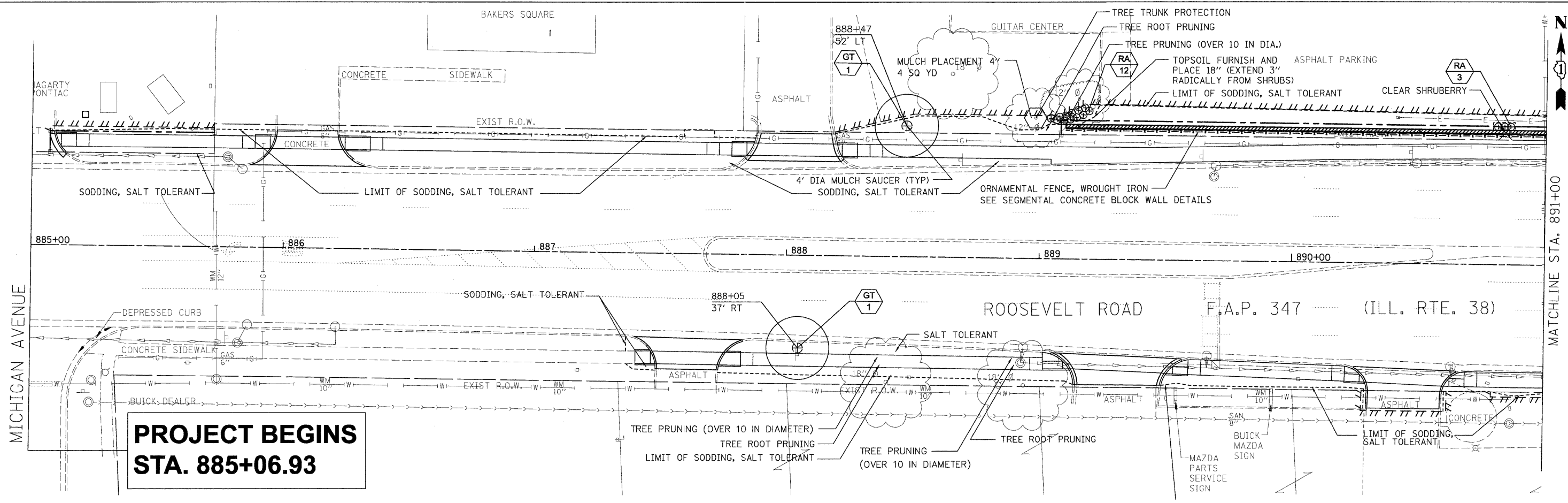


SCHEDULE OF QUANTITIES

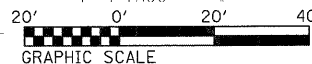
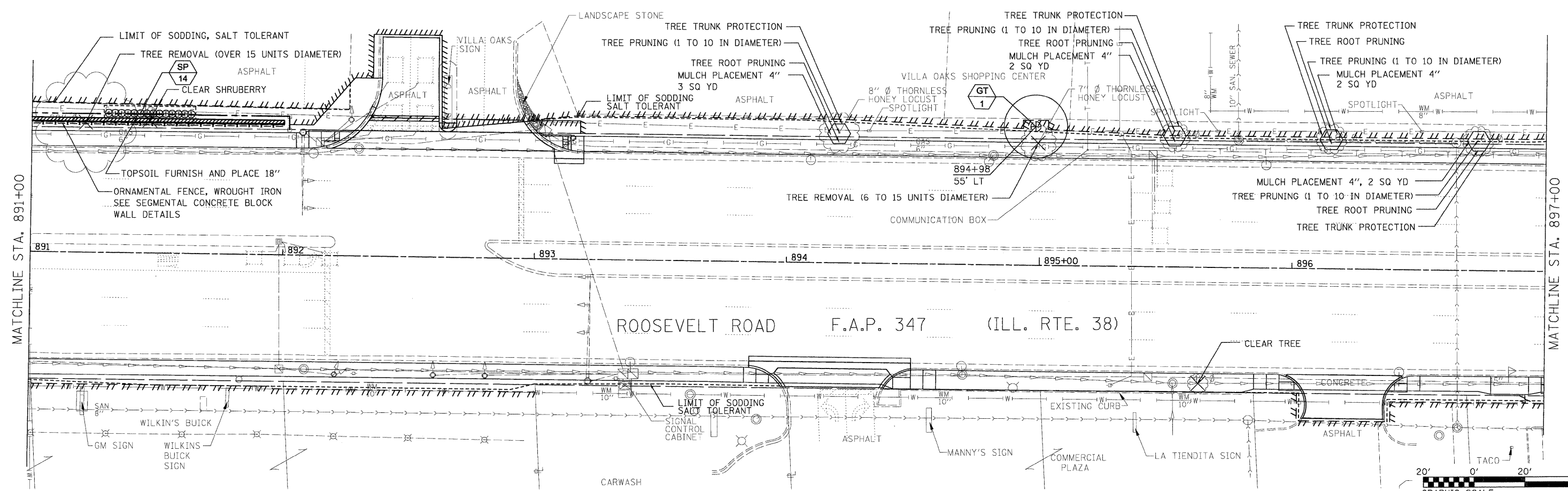
ITEM NO	ITEM	UNITS	QUANTITY
78000100	PREFORMED THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	18
78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FT	31
78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FT	666
78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FT	191



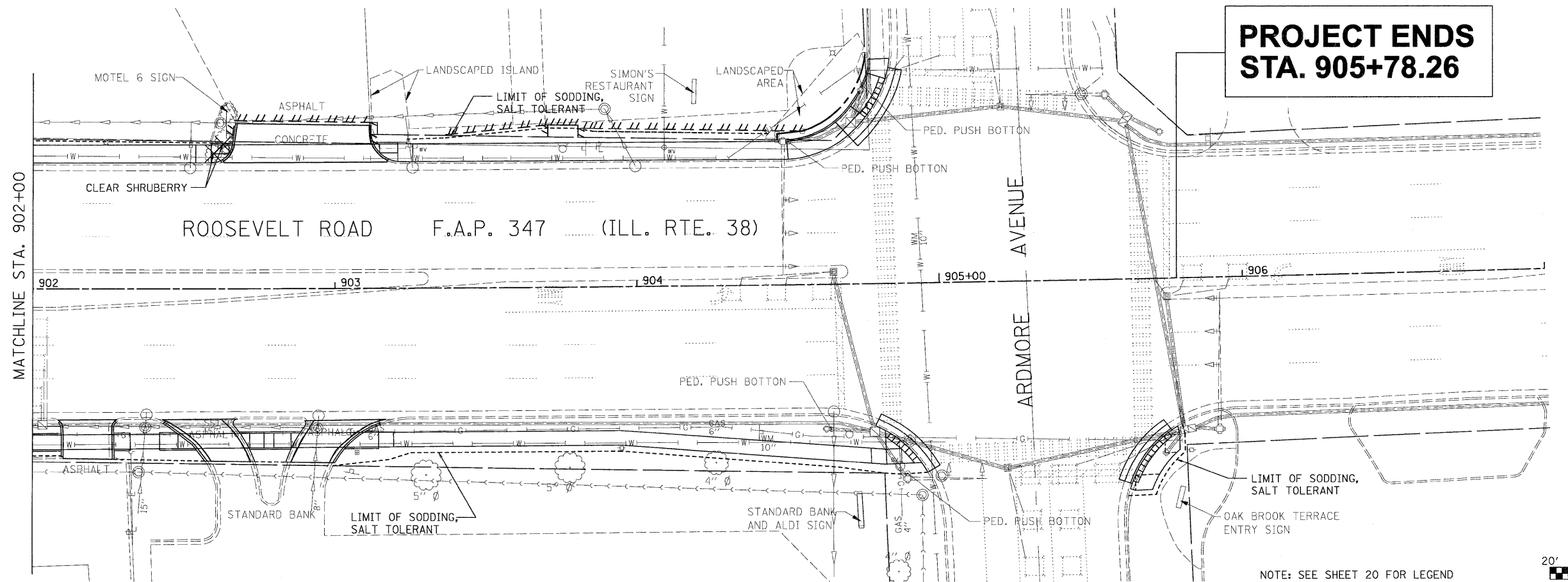
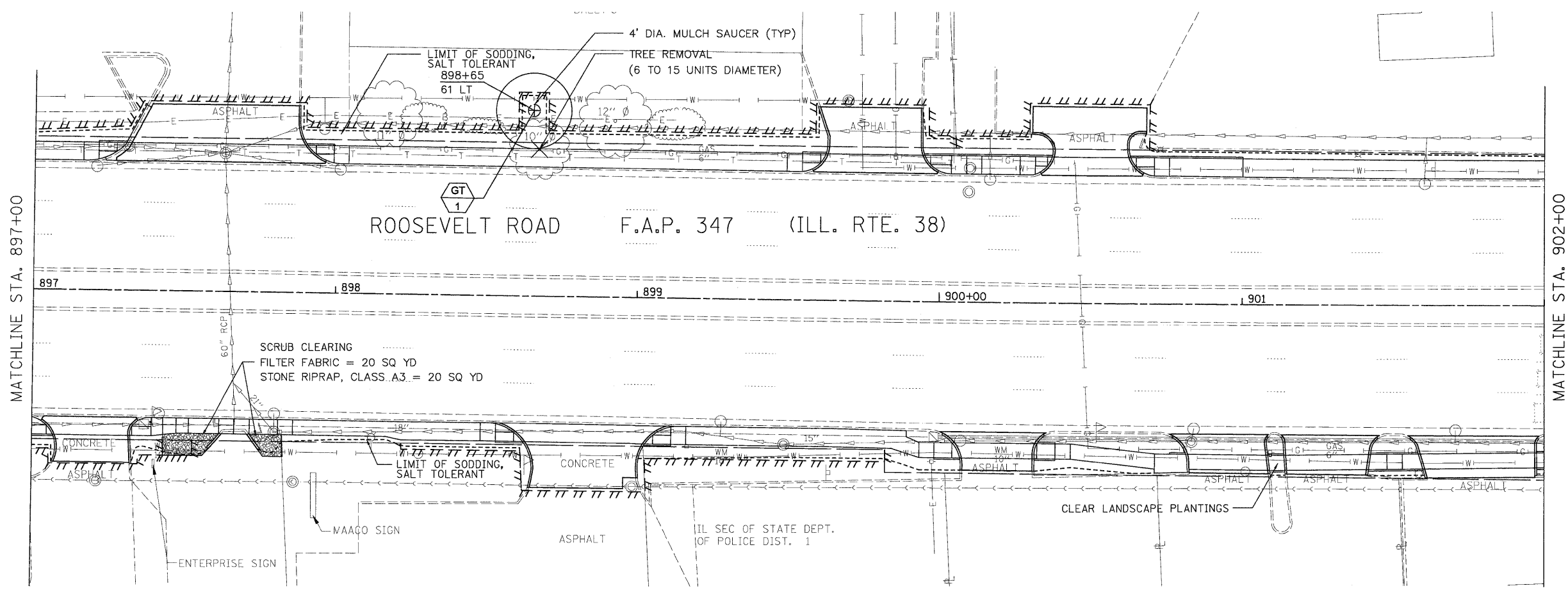
FILE NAME = 0163197-shd-details.pnk.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISD 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAILS			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 36
PLOT SCALE 20.0000' / IN.	CHECKED DA	REVISD	REVISD		SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 63197				
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISD	REVISD		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



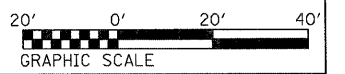
**PROJECT BEGINS
STA. 885+06.93**



FILE NAME = D163197-sht-landscape01.dgn	USER NAME IDOT	DESIGNED DA/SC	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLAN	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 37		
	PLOT SCALE 28,0000' / IN.	DRAWN BM/CC/BB	REVISED			SCALE: AS SHOWN	SHEET NO. 1 OF 3 SHEETS	STA. 885+07 TO STA. 897+00	CONTRACT NO. 63197	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
	PLOT DATE 10/25/2011	CHECKED DA	REVISED									
		DATE 06/08/2011	REVISED									



**PROJECT ENDS
STA. 905+78.26**



NOTE: SEE SHEET 20 FOR LEGEND

FILE NAME =	D:\63197-sht-landscp02.dgn
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USER NAME	IDDT	DESIGNED	DA/SC	REVISED	10/24/2011
		DRAWN	BM/CC/BB	REVISED	
PLOT SCALE	20.0000' / IN.	CHECKED	DA	REVISED	
PLOT DATE	10/25/2011	DATE	06/08/2011	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

SCALE: AS SHOWN SHEET NO. 2 OF 3 SHEETS STA. 897+00 TO STA. 904+99

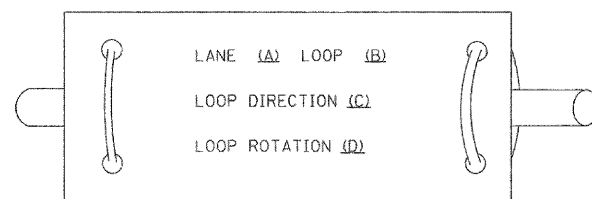
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DUPAGE	73	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63197	

SUMMARY OF TRAFFIC SIGNAL QUANTITIES					
ITEM NO	ITEM	UNITS	Total	Villa Oaks Intersection	Ardmore Ave Intersection
72000100	SIGN PANEL - TYPE 1	SQ FT	16		16
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FEET	28	28	
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FEET	15	8	7
81400100	HANDHOLE	EACH	1	1	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FEET	496	383	113
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FEET	395	395	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FEET	147	147	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD IN, NO. 14 1 PAIR	FEET	512	512	
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FEET	678	678	
87601100	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2		2
87800100	CONCRETE FOUNDATION, TYPE A	FEET	12	4	8
87900200	DRILL EXISTING HANDHOLE	EACH	4	2	2
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2	
88600100	DETECTOR LOOP, TYPE I	FEET	194	194	
88800100	PEDESTRIAN PUSH BUTTON	EACH	2	2	
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1	1	
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2		2
89500400	RELOCATE EXISTING PEDESTRIAN PUSH BUTTON	EACH	3		3
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	1	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FEET	324	216	108
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FEET	53		53
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1	
X8140074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	12	6	6
X8140115	HANDHOLE TO BE ADJUSTED	EACH	3	2	1
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL I	EACH	1	1	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	

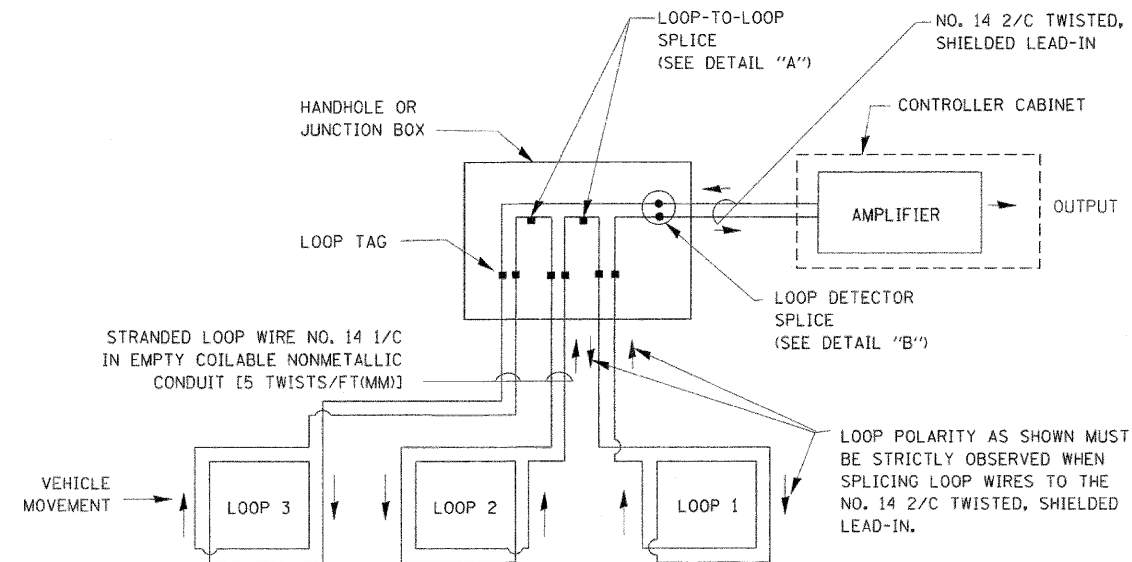
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

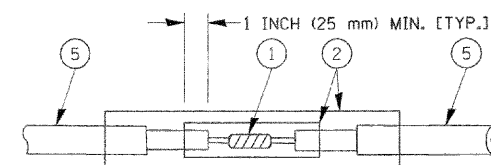


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

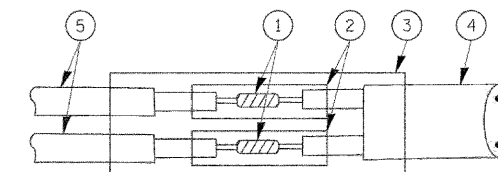


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

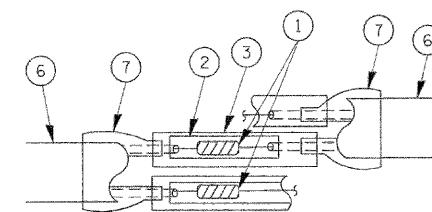


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

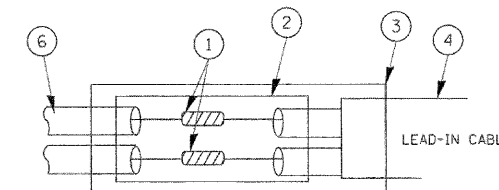


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = bwardl	DESIGNED - DAD	REVISED -
o:\pwork\PW1007\BAUERDL\0100315\tsd.dgn		DRAWN - BCK	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

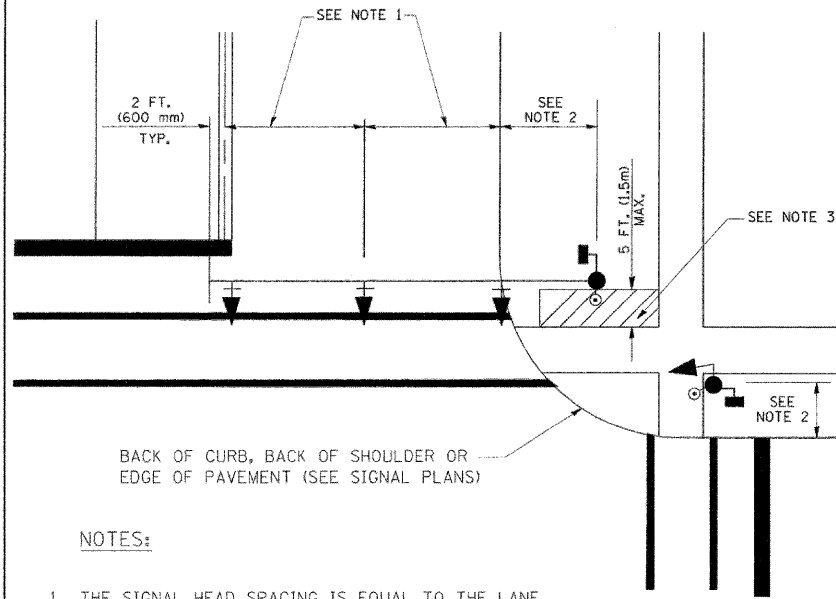
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	02-00077-00-SW	DuPage	73	41
TS-05		CONTRACT NO. 63197		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

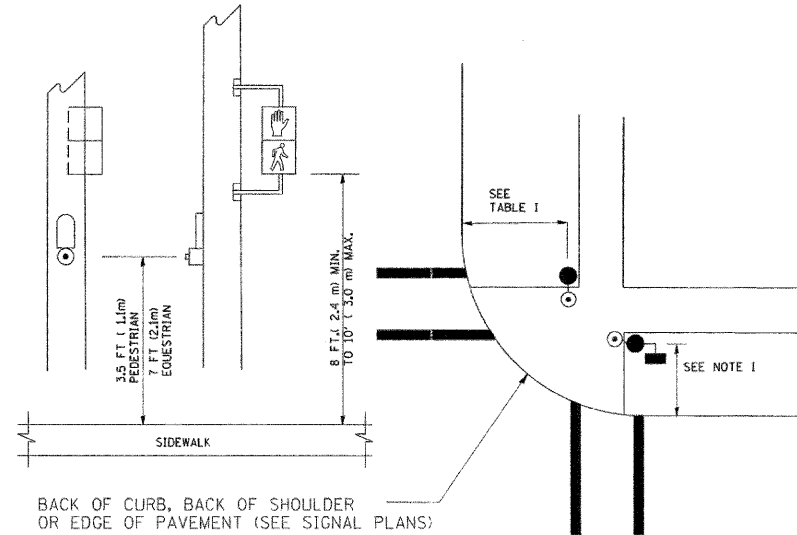
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

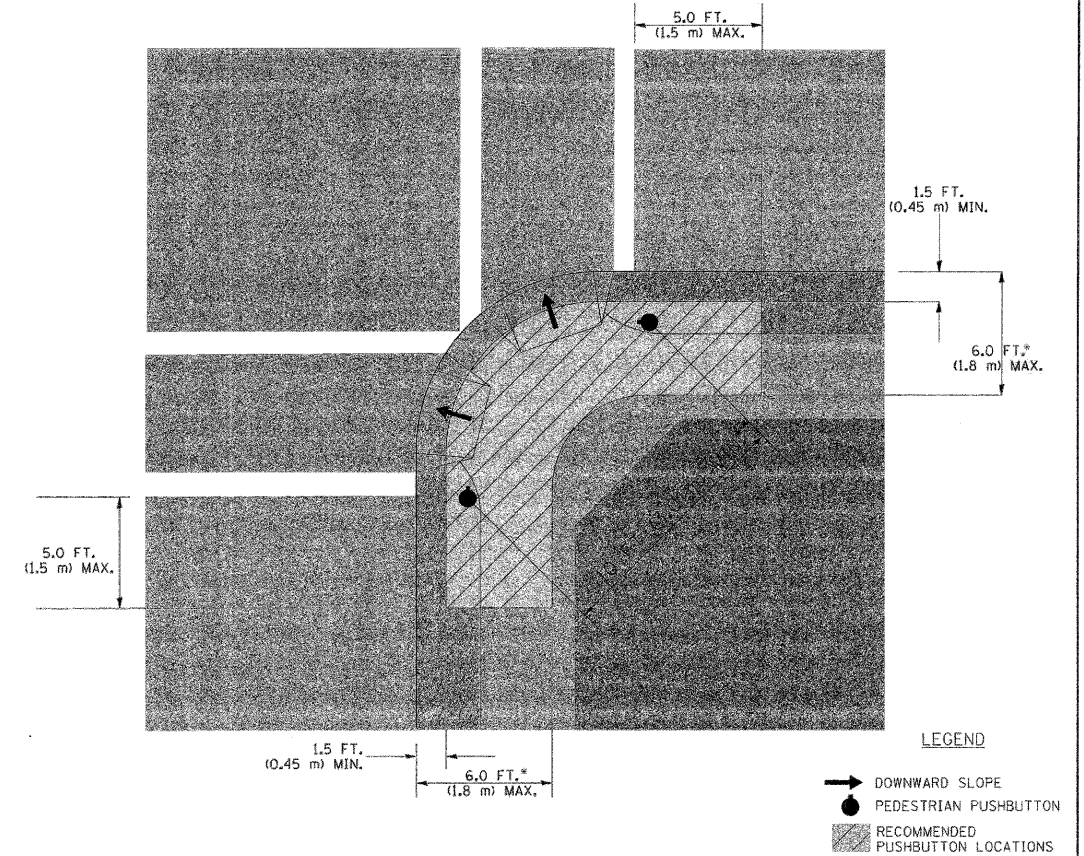
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPARATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

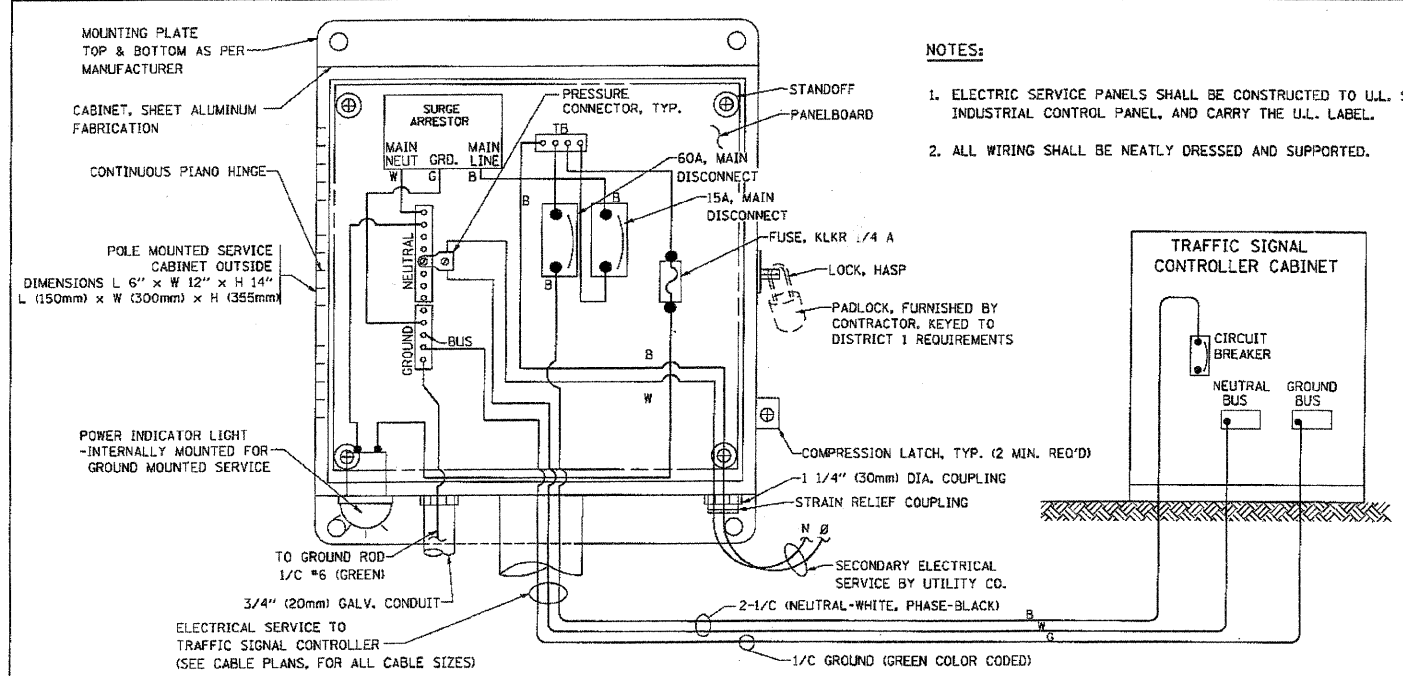
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

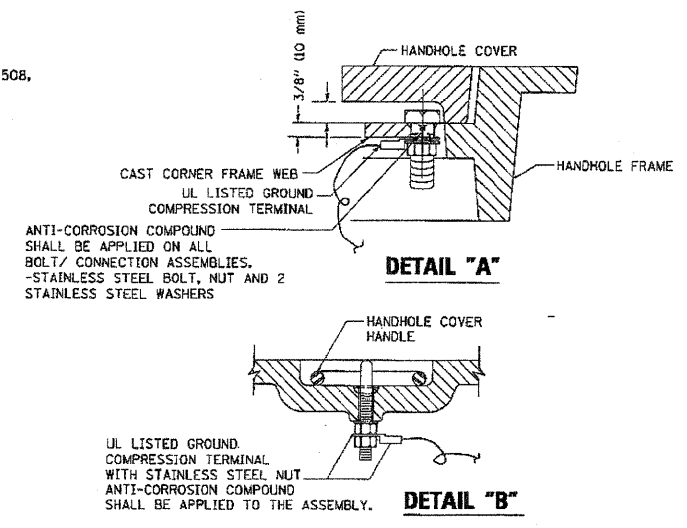
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

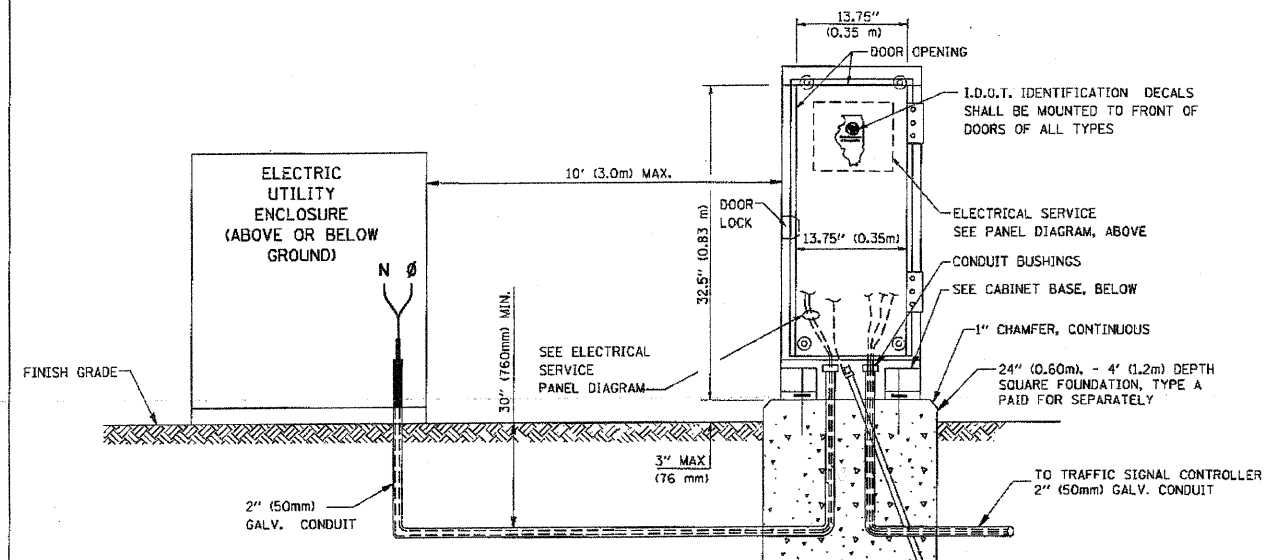
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



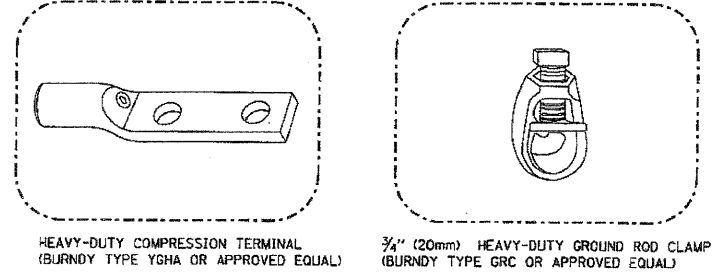
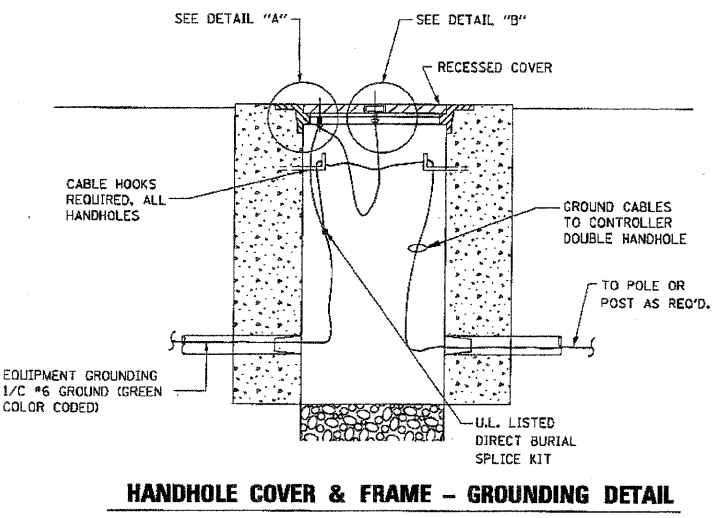
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



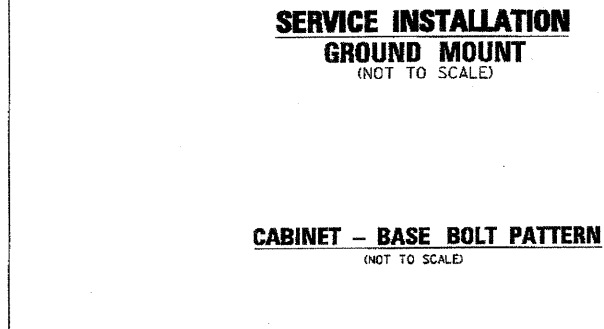
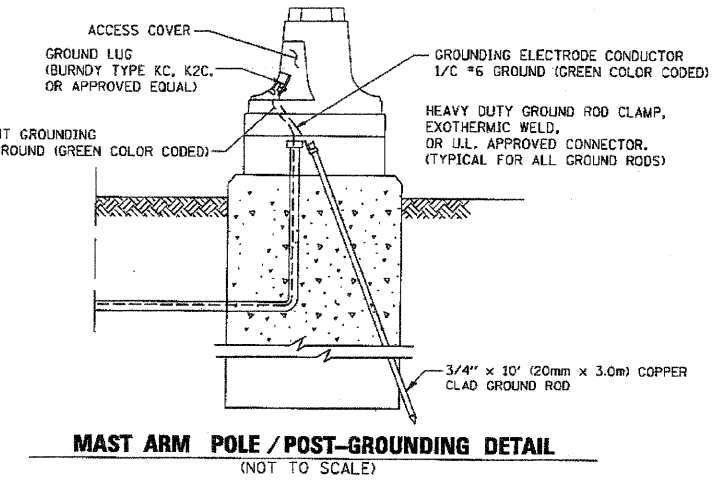
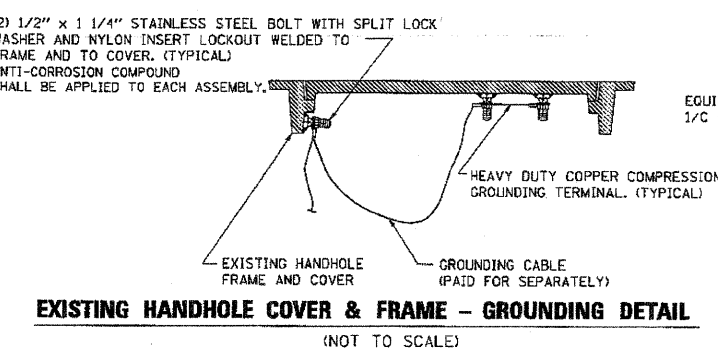
- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G. STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



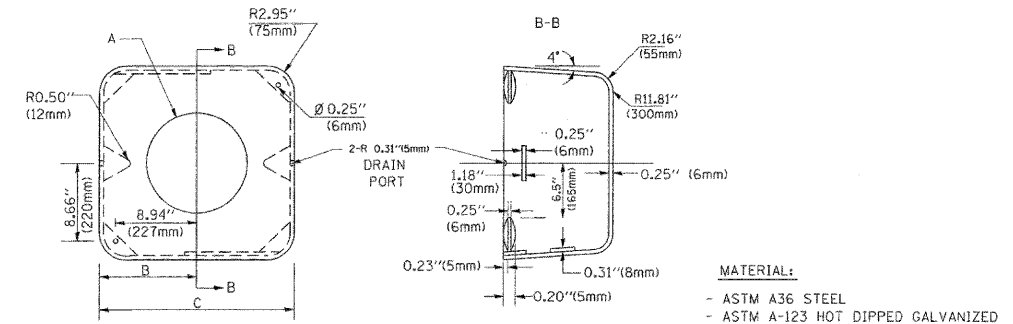
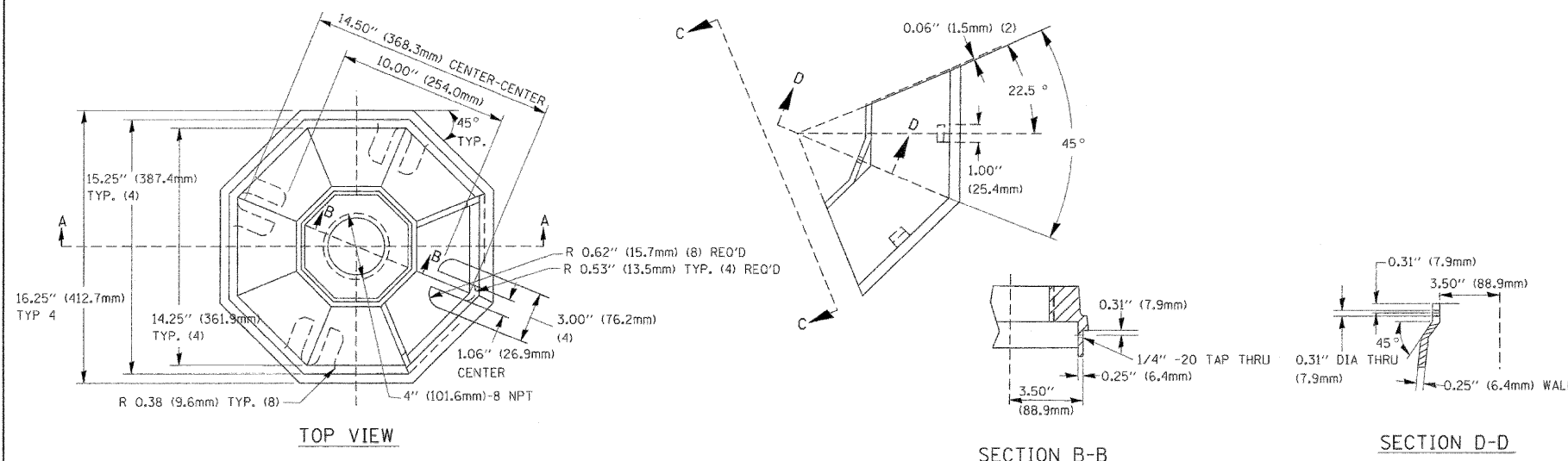
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, U.L. APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
 - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
 - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
 - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

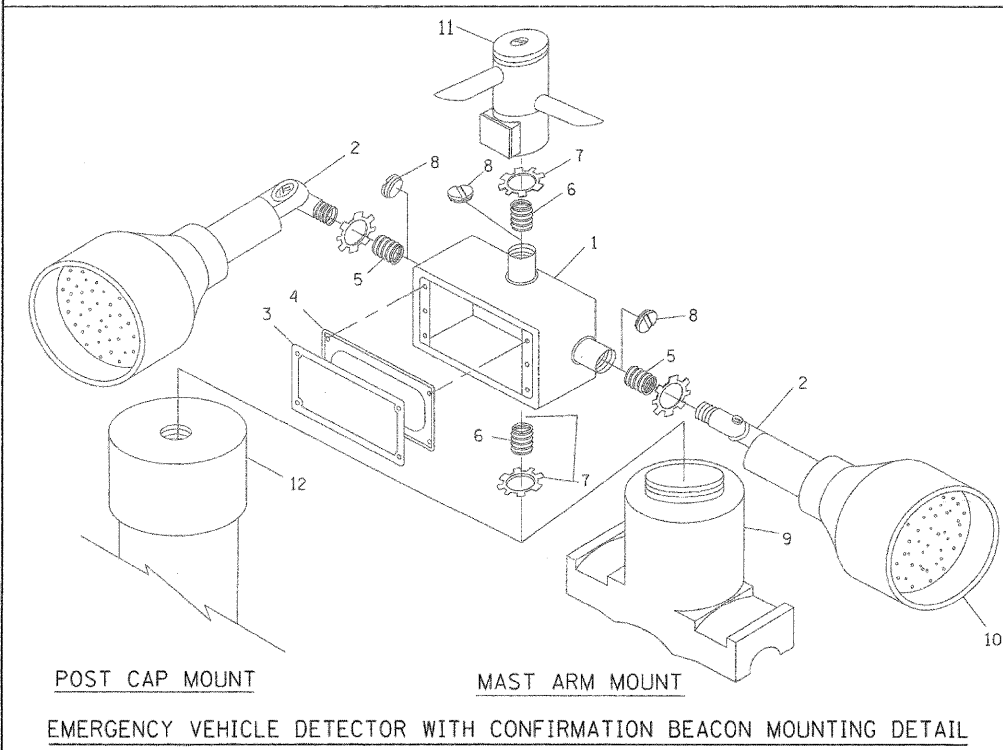
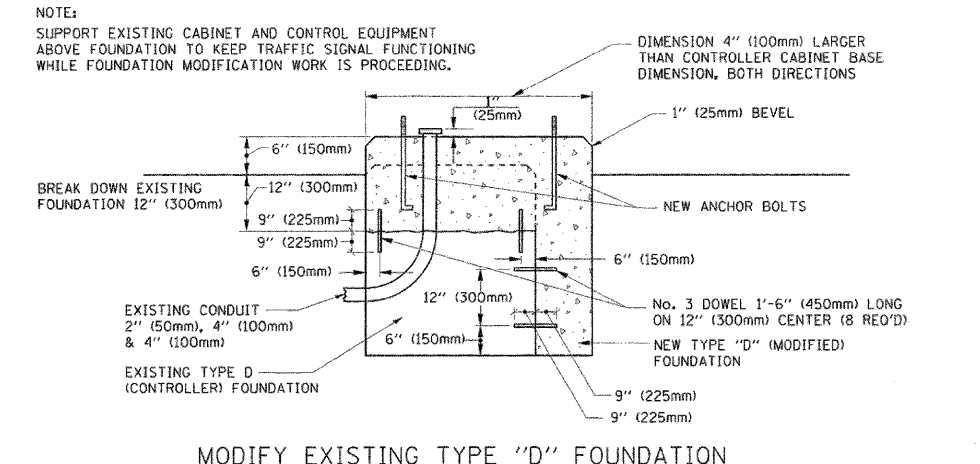
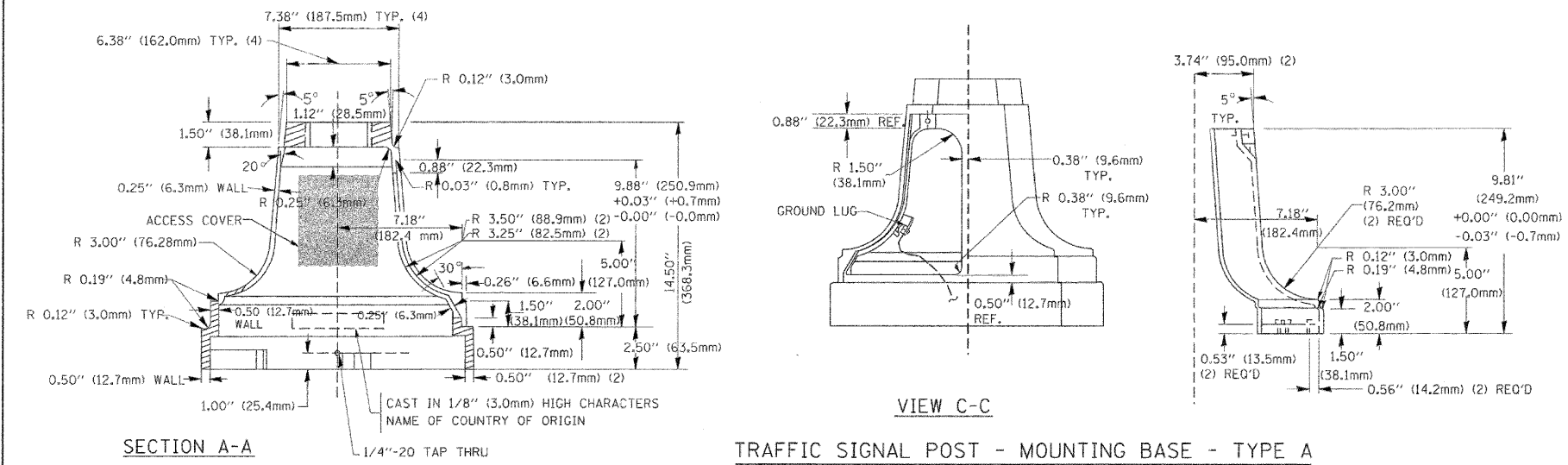


FILE NAME -	USER NAME - bauerd	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pwork\PHIDOT\BAUERD\08188315\ts05.dgn	DRAWN - BCK	CHECKED - DAD	REVISED -			347	02-00077-00-SW	DuPage	73	43
PLOT SCALE = 50.0000' / IN.	DATE - 10-28-09	REVISED -	REVISED -			TS-05		CONTRACT NO. 63197		
PLOT DATE = 11/4/2009						SCALE: NONE		SHEET NO. 3 OF 6 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



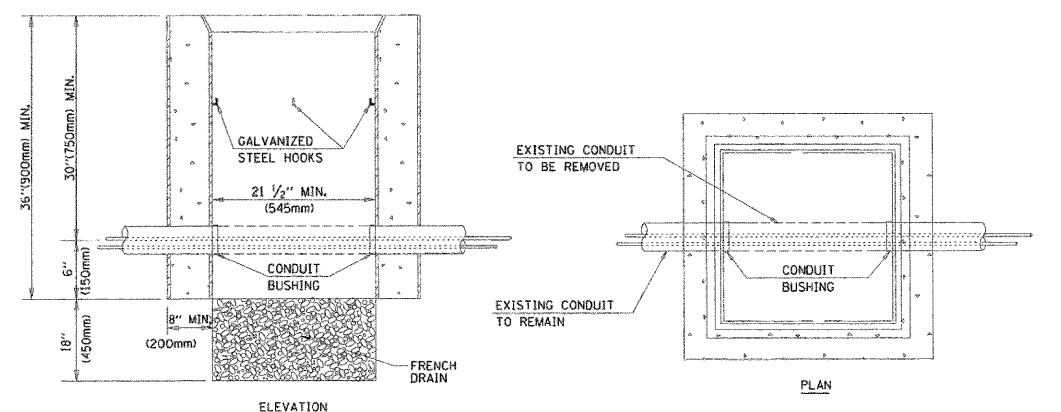
	A	B	C	HEIGHT	WEIGHT
VARIES	9.5\"(241mm)	19\"(483mm)	7\"(178mm)	12\"(300mm)	53 lbs (24kg)
VARIES	10.75\"(273mm)	21.5\"(546mm)	7\"(178mm)	12\"(300mm)	68 lbs (31 kg)
VARIES	13.0\"(330mm)	26\"(660mm)	7\"(178mm)	12\"(300mm)	81 lbs (37 kg)
VARIES	18.5\"(470mm)	37\"(940mm)	7\"(178mm)	12\"(300mm)	126 lbs (57 kg)

- NOTES:
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

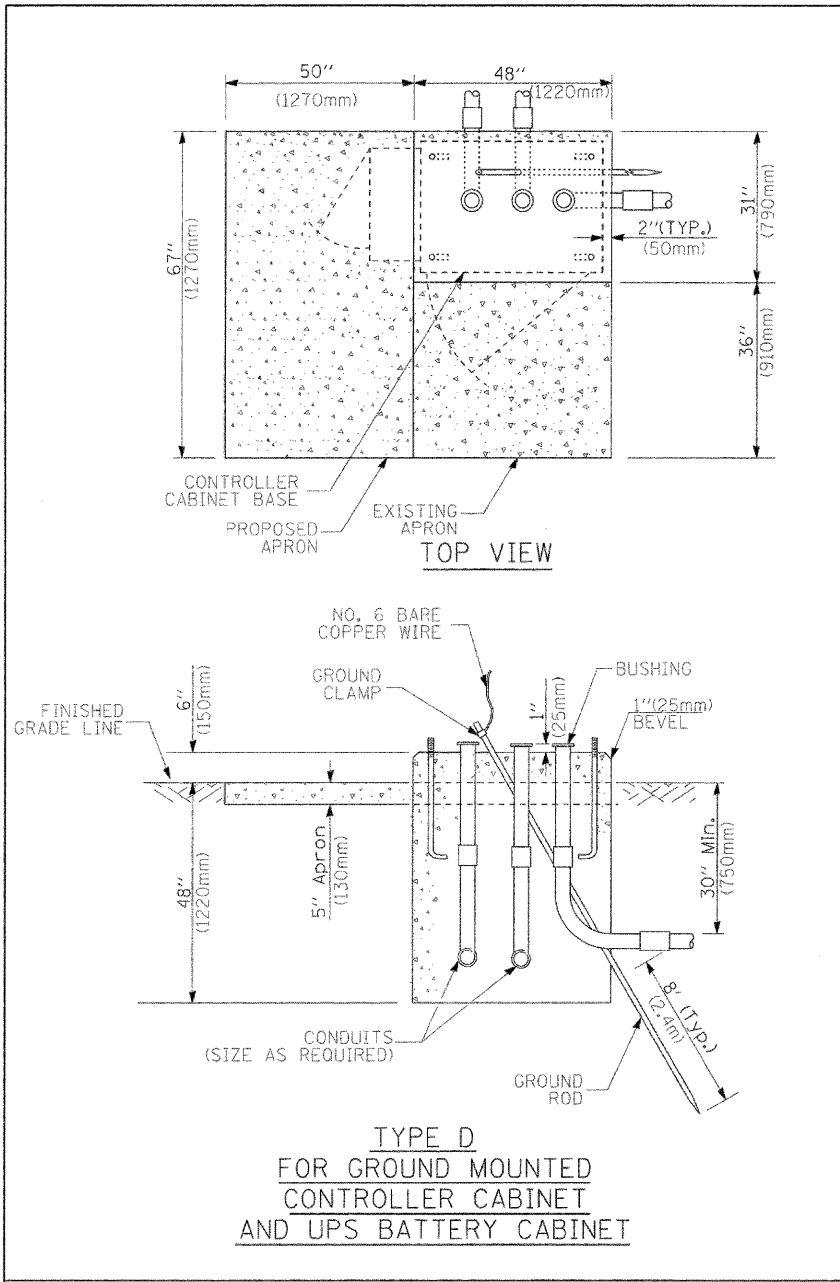


ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU. IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

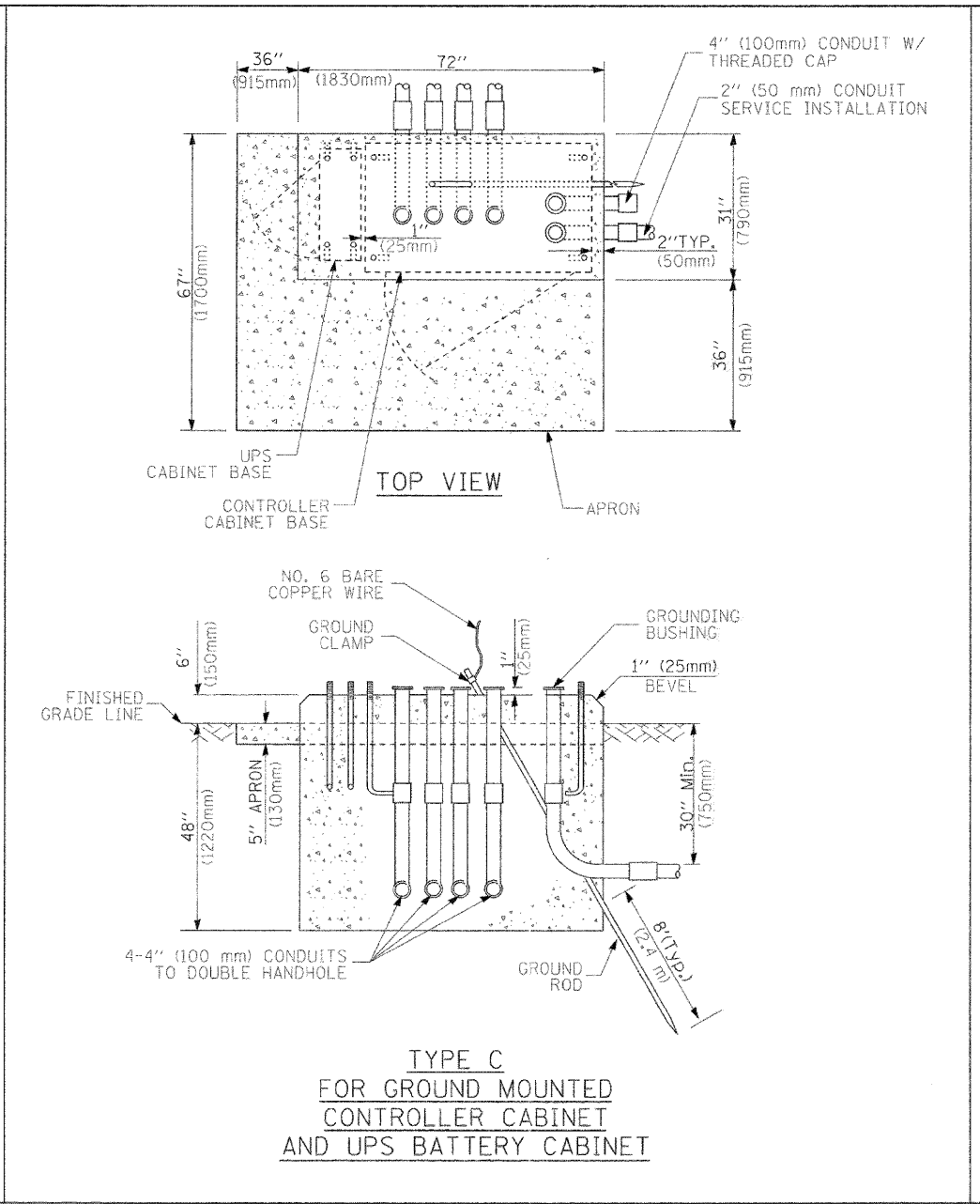
- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



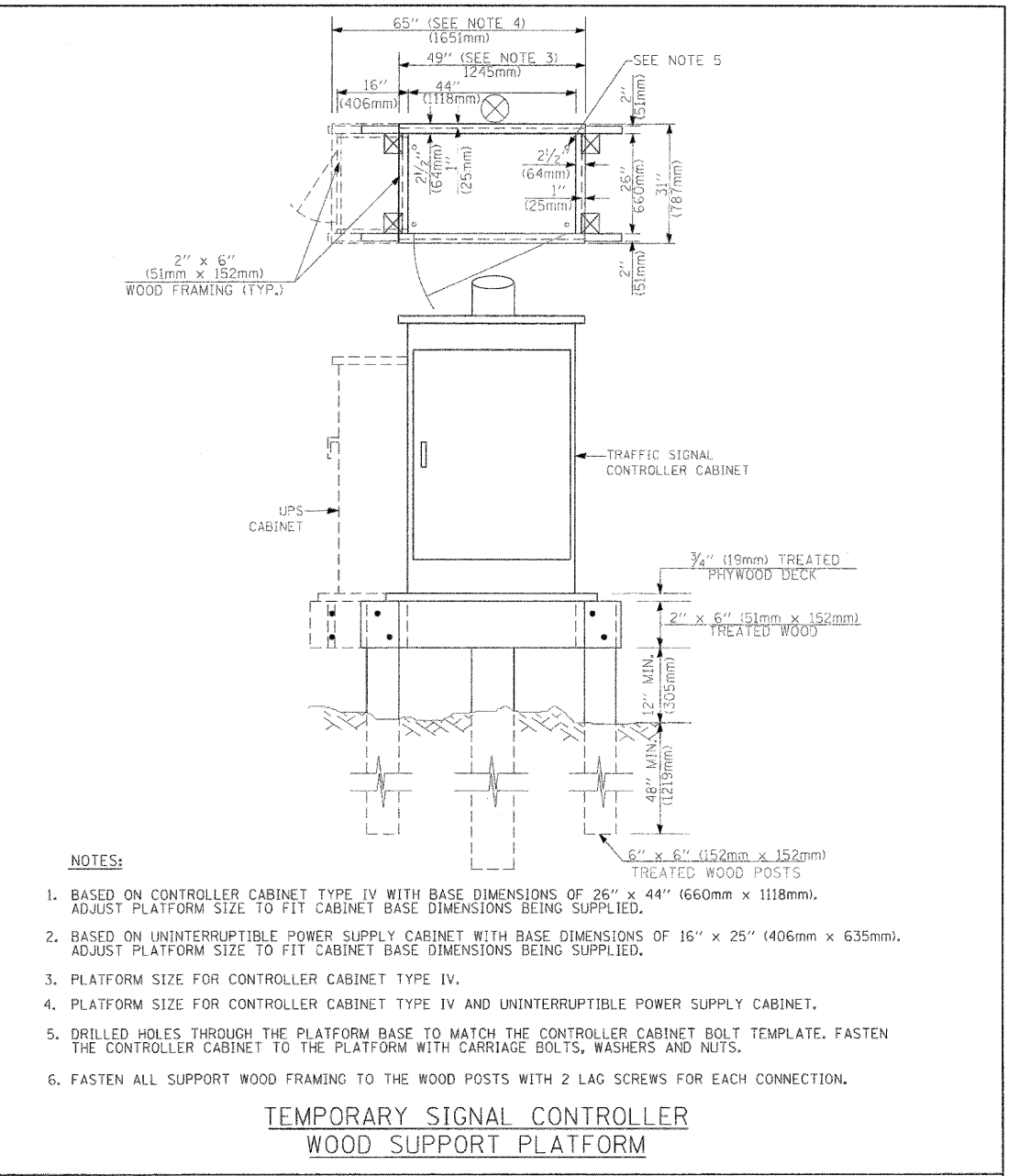
- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.



**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



**TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	16	8(25)

- NOTES:**
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

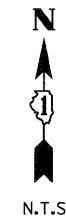
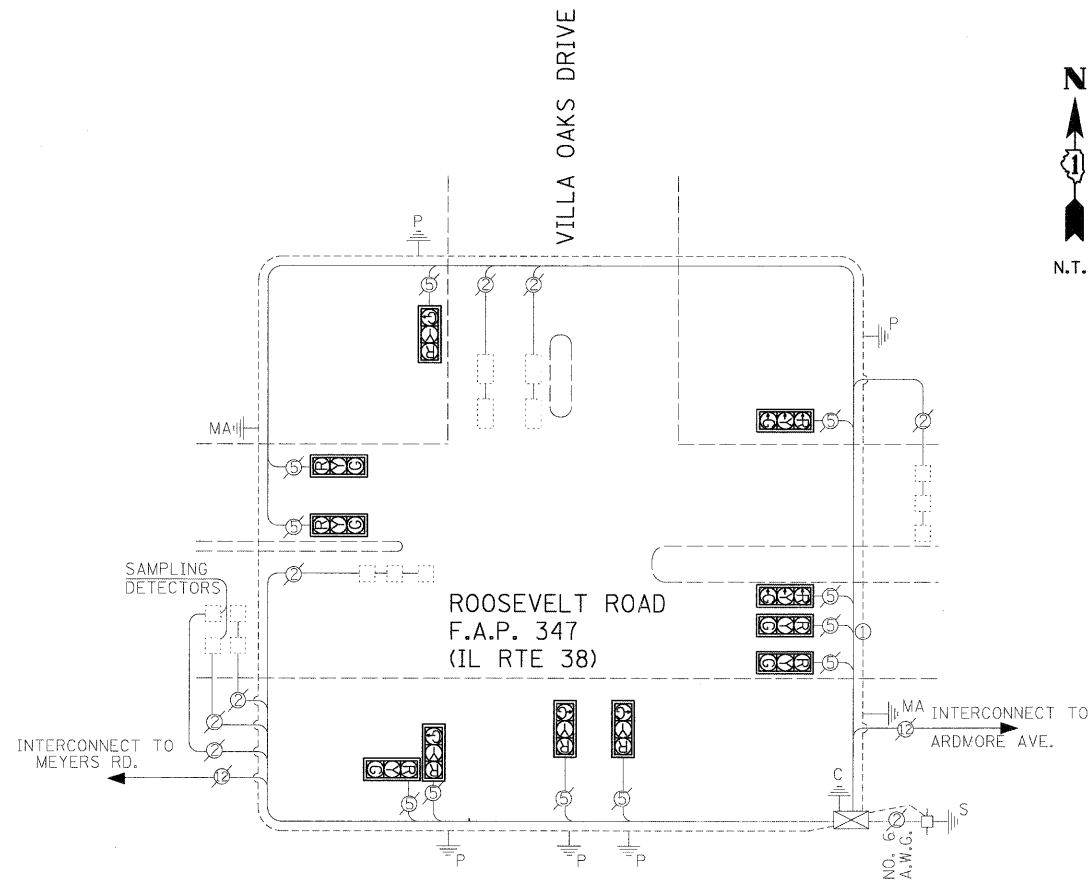
TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED				
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE							
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE							
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA							
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED							
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F							
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SMI2F							
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SMI2F							
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)							
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE							
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED							
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED							
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED							
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED							
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED							
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED SAMPLING (SYSTEM) DETECTOR							
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				RAILROAD SYMBOLS							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				EXISTING		PROPOSED					
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER											
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT											
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER											
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED											
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)											
MICROWAVE VEHICLE SENSOR				RAILROAD SYMBOLS											
VIDEO DETECTION CAMERA				EXISTING			PROPOSED								
VIDEO DETECTION ZONE															
PAN, TILT, ZOOM CAMERA															
WIRELESS DETECTOR SENSOR															
WIRELESS ACCESS POINT															

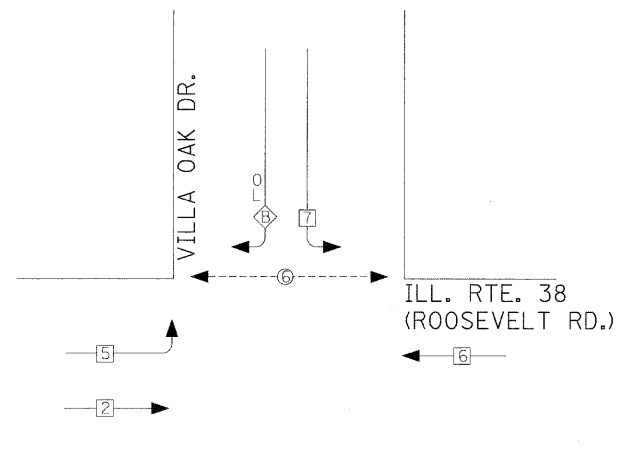


CABLE PLAN LEGEND

EXISTING	PROPOSED	
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		DENOTES NUMBER OF CONDUCTORS.
		ALL CABLE NO. 14 EXCEPT AS INDICATED.
		ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		GROUND CABLE IN CONDUIT
		NO. 6 SOLID COPPER (GREEN)
		INTERCONNECT CABLE - NO. 62.5/125 12F
		FIBER OPTIC CABLE
		SIGNAL FACE WITH BACKPLATE
		"P" INDICATES PROGRAMMED HEAD.
		"E" RAILROAD CONTROL CABINET
		ILLUMINATED SIGN - "NO LEFT TURN"
		ILLUMINATED SIGN - "NO RIGHT TURN"
		GROUND ROD AT HANDHOLE (H),
		DOUBLE HANDHOLE (H), OR CONTROLLER (C)
		GROUND ROD AT POST (P),
		OR MAST ARM POLE (MA)
		GROUND ROD AT ELECTRICAL SERVICE INSTALLATION



CONTROLLER SEQUENCE



PHASE DESIGNATION

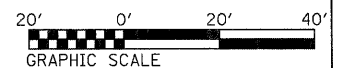
OVERLAP LETTER	=	PERMISSIVE PHASE	+	PROTECTED PHASE
B	=	4	+	5

LEGEND

	DUAL ENTRY PHASE
	SINGLE ENTRY PHASE
	OVERLAP
	PEDESTRIAN PHASE
*	NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY CABLE DIAGRAM LEGEND

	TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
	TEMPORARY CONTROLLER CABINET
	TEMPORARY SERVICE INSTALLATION
	DENOTES NUMBER OF CONDUCTORS.
	ALL CABLE NO. 14 EXCEPT AS INDICATED.
	ALL LOOP DETECTOR CABLE TO BE SHIELDED.
	VIDEO CABLES (VENDOR SPECIFIED)
	(POWER AND SIGNAL)
	EMERGENCY VEHICLE LIGHT DETECTOR
	CONFIRMATION BEACON
	VEHICLE DETECTOR, INDUCTION LOOP
	PEDESTRIAN PUSHBUTTON DETECTOR
	12" (300mm) PEDESTRIAN SIGNAL SECTION
	VIDEO VEHICLE DETECTOR



FILE NAME = D163197-ah-t-ta03.dgn	USER NAME IDOT	DESIGNED TM	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CABLE PLAN ROOSEVELT RD. AT VILLA OAKS DR.	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 48
PLOT SCALE 20,0000' / IN.	CHECKED DA	DATE 06/08/2011	REVISED			SCALE: AS SHOWN	SHEET NO. 2 OF 6 SHEETS	CONTRACT NO. 63197		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
PLOT DATE 10/25/2011	DATE	06/08/2011	REVISED							

CONSTRUCTION NOTES:

- ① RELOCATE EXISTING SIGNAL POST AND SIGNAL HEAD, 1-FACE, 3-SECTION. INSTALL NEW PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER AND PEDESTRIAN PUSHBUTTON ON RELOCATED POST. INSTALL NEW TYPE A CONCRETE FOUNDATION AND REMOVE EXISTING CONCRETE FOUNDATION. REMOVE EXISTING 5C CABLE AND INSTALL NEW 2C, 3C, AND 5C CABLES.
- ② SAWCUT NEW DETECTOR LOOPS. REMOVE EXISTING LEAD-IN CABLE FROM CONDUIT AND INSTALL NEW LEAD-IN CABLE.
- ③ INSTALL NEW PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER AND PEDESTRIAN PUSHBUTTON ON EXISTING MAST ARM. INSTALL NEW 2C AND 3C CABLES.

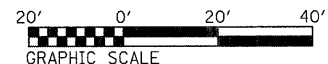
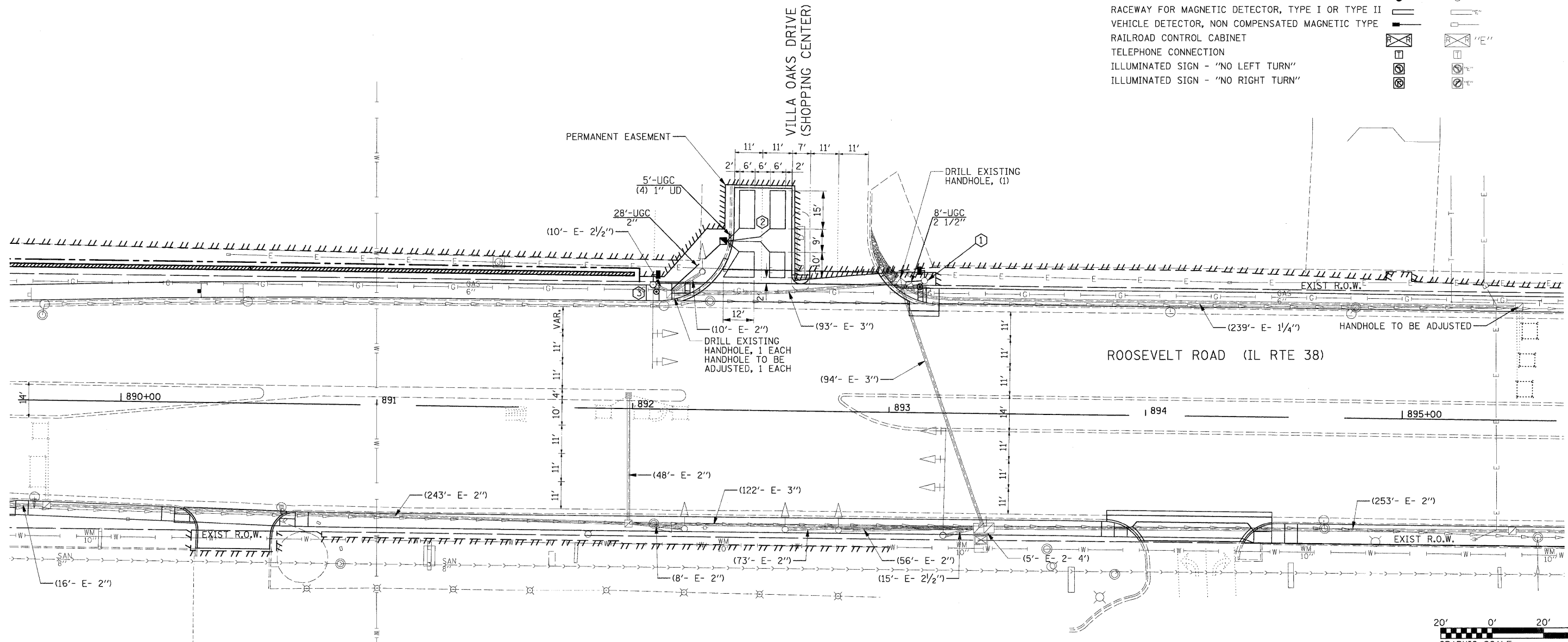
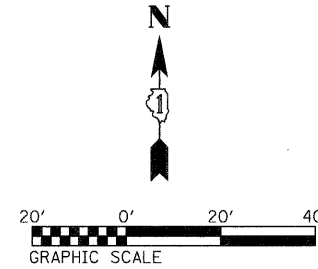
RESTORATION OF WORK AREA.

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

ALL SIGNAL FOUNDATIONS AND UNDERGROUND WORK SHALL BE COMPLETED PRIOR TO THE REMOVAL OF THE EXISTING SIGNAL POST OR EXISTING FOUNDATIONS.

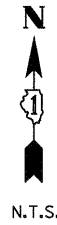
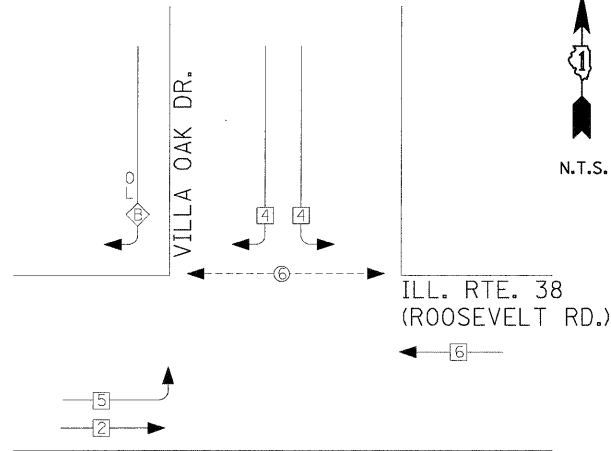
TRAFFIC SIGNAL LEGEND

- | | PROPOSED | EXISTING |
|--|----------|----------|
| CONTROLLER | | |
| SERVICE INSTALLATION | | |
| SIGNAL HEAD | | |
| SIGNAL HEAD WITH BACKPLATE | | |
| SIGNAL HEAD, PEDESTRIAN | | |
| SIGNAL POST | | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | |
| COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE | | |
| UNIT DUCT | | |
| COMMON TRENCH | | |
| HANDHOLE | | |
| HEAVY DUTY HANDHOLE | | |
| DOUBLE HANDHOLE | | |
| UNDERGROUND CONDUIT | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | |
| DETECTOR LOOP | | |
| CAST IRON JUNCTION BOX | | |
| EMERGENCY VEHICLE LIGHT DETECTOR | | |
| CONFIRMATION BEACON | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | | |
| CONDUIT SPLICE | | |
| WOOD POLE | | |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | | |
| RAILROAD CONTROL CABINET | | |
| TELEPHONE CONNECTION | | |
| ILLUMINATED SIGN - "NO LEFT TURN" | | |
| ILLUMINATED SIGN - "NO RIGHT TURN" | | |

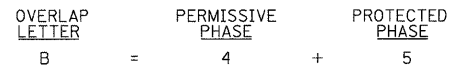


FILE NAME = D163197-shr-ta04.dgn	USER NAME IDOT	DESIGNED TM	REVISOR 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN ROOSEVELT RD. AT VILLA OAKS DR. INTERSECTION	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 49
PLOT SCALE 20,0000' / IN.	DRAWN BM/CC/BB	CHECKED DA	REVISOR			CONTRACT NO. 63197				
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISOR				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: AS SHOWN SHEET NO. 3 OF 6 SHEETS										

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

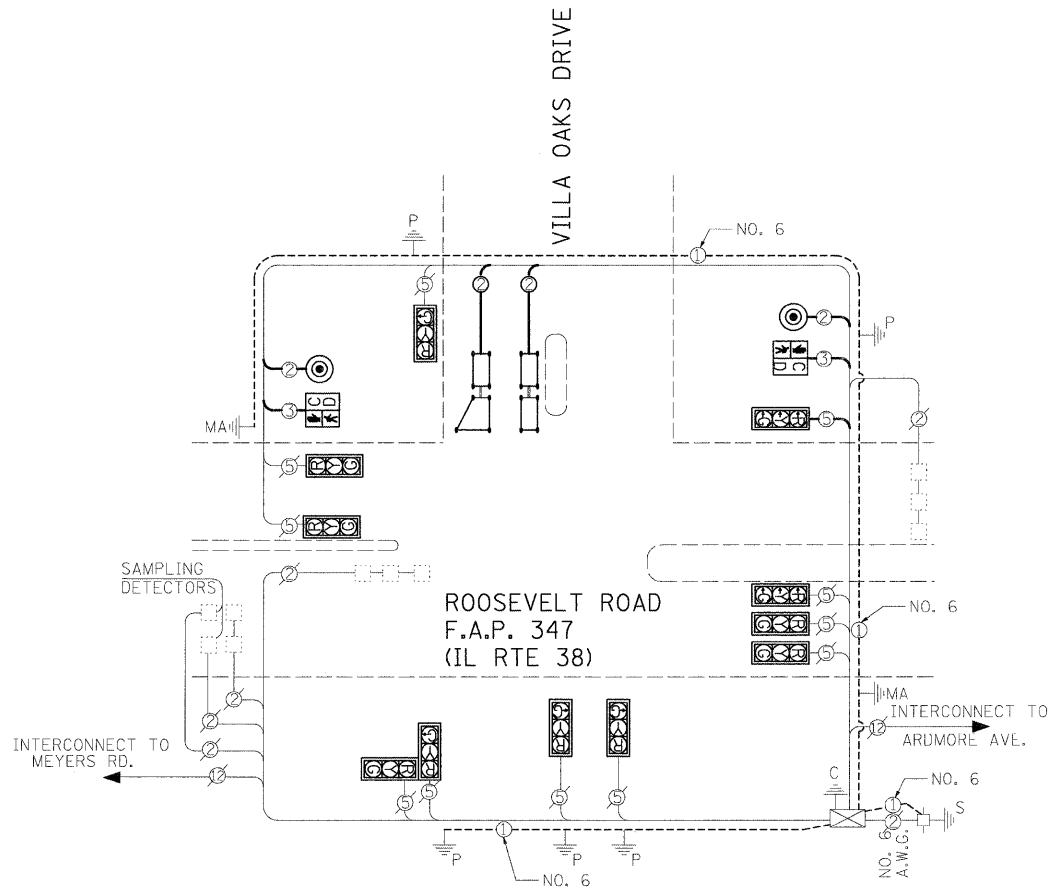
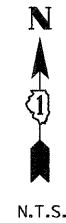


LEGEND

- ← ⊕ → DUAL ENTRY PHASE
- ← ⊕ ⊕ → SINGLE ENTRY PHASE
- ← ⊕ ⊕ ⊕ → OVERLAP
- ← ⊕ ⊕ ⊕ → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

CABLE PLAN LEGEND

- | EXISTING | PROPOSED | |
|----------|----------|---|
| | | 8" (200mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER |
| | | CONTROLLER CABINET |
| | | SERVICE INSTALLATION |
| | | TELEPHONE INSTALLATION |
| | | VEHICLE DETECTOR, INDUCTION LOOP |
| | | MAGNETIC DETECTOR |
| | | EMERGENCY VEHICLE LIGHT DETECTOR |
| | | CONFIRMATION BEACON |
| | | PUSHBUTTON DETECTOR |
| | | DENOTES NUMBER OF CONDUCTORS. |
| | | ALL CABLE NO. 14 EXCEPT AS INDICATED, ALL LOOP DETECTOR CABLE TO BE SHIELDED. |
| | | GROUND CABLE IN CONDUIT |
| | | NO. 6 SOLID COPPER (GREEN) |
| | | INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |
| | | SIGNAL FACE WITH BACKPLATE |
| | | "P" INDICATES PROGRAMMED HEAD. |
| | | "E" RAILROAD CONTROL CABINET |
| | | ILLUMINATED SIGN - "NO LEFT TURN" |
| | | ILLUMINATED SIGN - "NO RIGHT TURN" |
| | | GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C) |
| | | GROUND ROD AT POST (P), OR MAST ARM POLE (MA) |
| | | GROUND ROD AT ELECTRICAL SERVICE INSTALLATION |



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	11	-	17	0.50	93.5
(YELLOW)	11	-	25	0.25	68.8
(GREEN)	11	-	15	0.25	41.3
ARROW	-	-	12	0.10	0.0
PED. SIGNAL	2	-	25	1.00	50.0
CONTROLLER	1	-	100	1.00	100.0

ENERGY COSTS TO: TOTAL = 353.5

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: DEB RANKIN
PHONE: (630) 691-4379
COMPANY: COMED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H-2'
C - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m-H-0.6m)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

SCHEDULE OF QUANTITIES				
ITEM NO	QUANTITY	UNITS	ITEM	
81028200	28	FEET	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	
81028210	8	FEET	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	
81400100	1	EACH	HANDHOLE	
85000100	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	
87300010	6	EACH	GROUNDING EXISTING HANDHOLE FRAME AND COVER	
87301215	383	FEET	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	
87301225	395	FEET	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	
87301245	147	FEET	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	
87301305	512	FEET	ELECTRIC CABLE IN CONDUIT, LEAD IN, NO. 14 1 PAIR	
87301900	678	FEET	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	
87800100	4	FEET	CONCRETE FOUNDATION, TYPE A	
87900200	2	EACH	DRILL EXISTING HANDHOLE	
88102717	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	
88600100	194	FEET	DETECTOR LOOP, TYPE I	
88800100	2	EACH	PEDESTRIAN PUSH BUTTON	
89500100	1	EACH	RELOCATE EXISTING SIGNAL HEAD	
89501150	1	EACH	RELOCATE EXISTING TRAFFIC SIGNAL POST	
89502300	216	FEET	REMOVE ELECTRIC CABLE FROM CONDUIT	
89502385	1	EACH	REMOVE EXISTING CONCRETE FOUNDATION	
X8140115	2	EACH	HANDHOLE TO BE ADJUSTED	
Z0033044	1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	
Z0073510	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING	

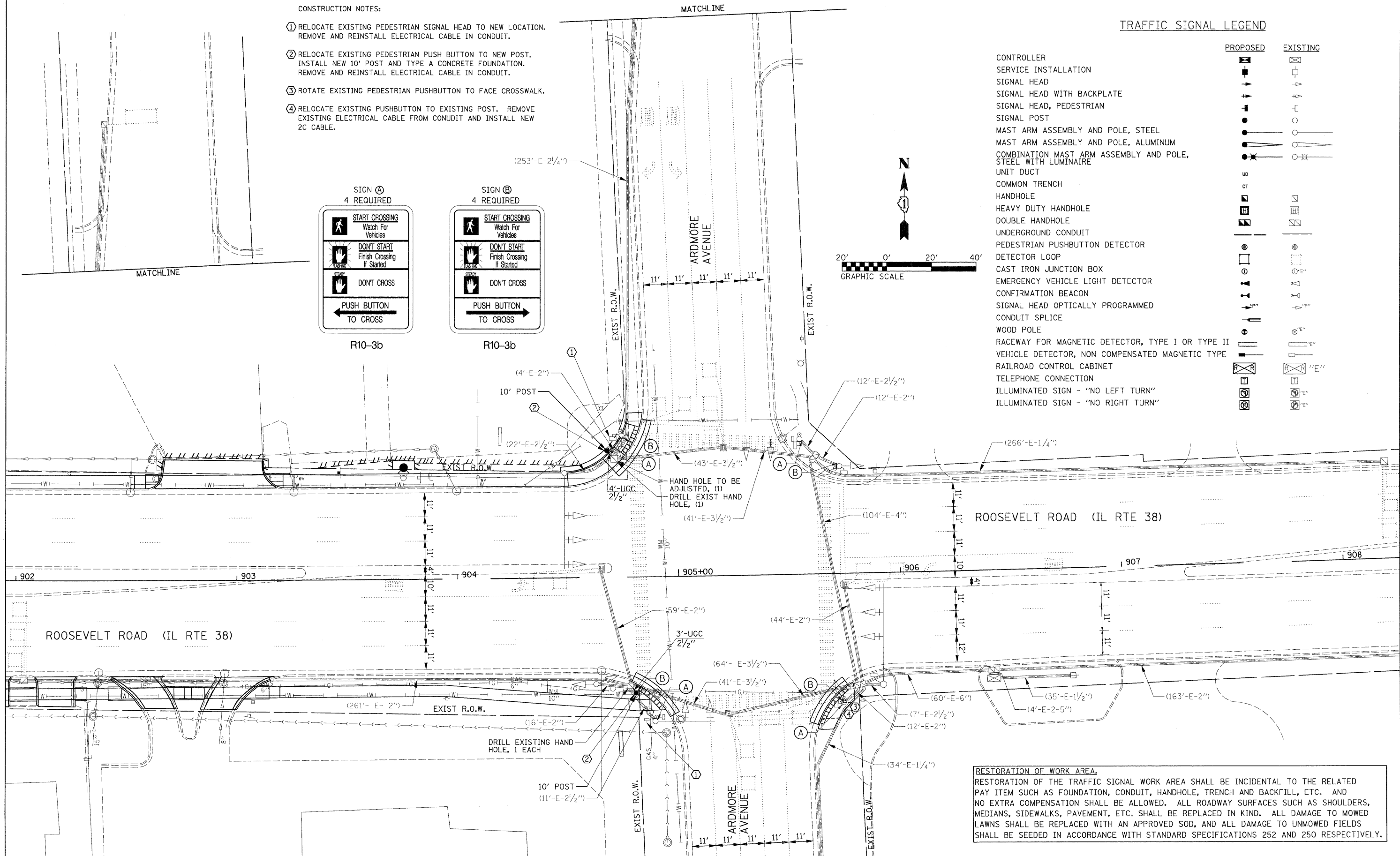
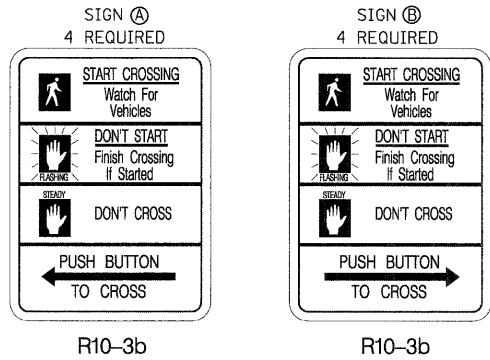


CONSTRUCTION NOTES:

- ① RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD TO NEW LOCATION. REMOVE AND REINSTALL ELECTRICAL CABLE IN CONDUIT.
- ② RELOCATE EXISTING PEDESTRIAN PUSH BUTTON TO NEW POST. INSTALL NEW 10' POST AND TYPE A CONCRETE FOUNDATION. REMOVE AND REINSTALL ELECTRICAL CABLE IN CONDUIT.
- ③ ROTATE EXISTING PEDESTRIAN PUSHBUTTON TO FACE CROSSWALK.
- ④ RELOCATE EXISTING PUSHBUTTON TO EXISTING POST. REMOVE EXISTING ELECTRICAL CABLE FROM CONDUIT AND INSTALL NEW 2C CABLE.

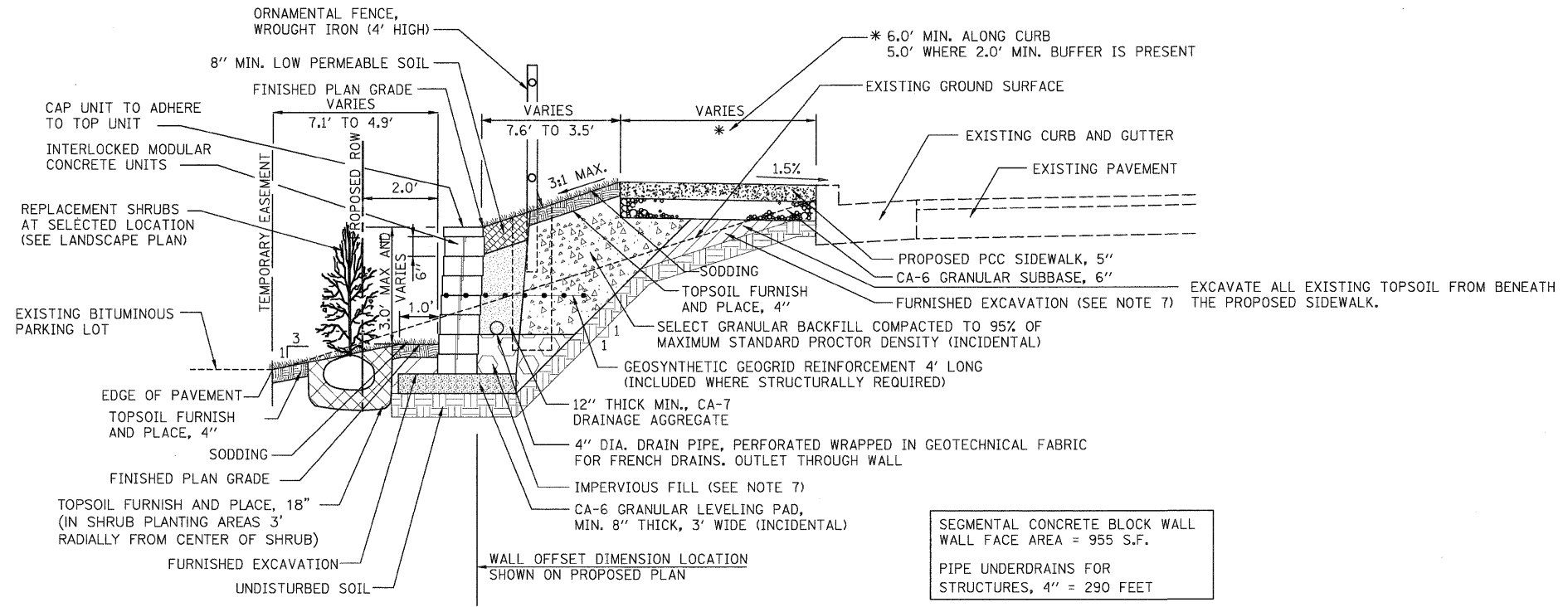
TRAFFIC SIGNAL LEGEND

- | | | | |
|--|--|----------|--|
| CONTROLLER | | EXISTING | |
| SERVICE INSTALLATION | | EXISTING | |
| SIGNAL HEAD | | EXISTING | |
| SIGNAL HEAD WITH BACKPLATE | | EXISTING | |
| SIGNAL HEAD, PEDESTRIAN | | EXISTING | |
| SIGNAL POST | | EXISTING | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | EXISTING | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | EXISTING | |
| COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE | | EXISTING | |
| UNIT DUCT | | EXISTING | |
| COMMON TRENCH | | EXISTING | |
| HANDHOLE | | EXISTING | |
| HEAVY DUTY HANDHOLE | | EXISTING | |
| DOUBLE HANDHOLE | | EXISTING | |
| UNDERGROUND CONDUIT | | EXISTING | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | EXISTING | |
| DETECTOR LOOP | | EXISTING | |
| CAST IRON JUNCTION BOX | | EXISTING | |
| EMERGENCY VEHICLE LIGHT DETECTOR | | EXISTING | |
| CONFIRMATION BEACON | | EXISTING | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | | EXISTING | |
| CONDUIT SPLICE | | EXISTING | |
| WOOD POLE | | EXISTING | |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | EXISTING | |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | | EXISTING | |
| RAILROAD CONTROL CABINET | | EXISTING | |
| TELEPHONE CONNECTION | | EXISTING | |
| ILLUMINATED SIGN - "NO LEFT TURN" | | EXISTING | |
| ILLUMINATED SIGN - "NO RIGHT TURN" | | EXISTING | |

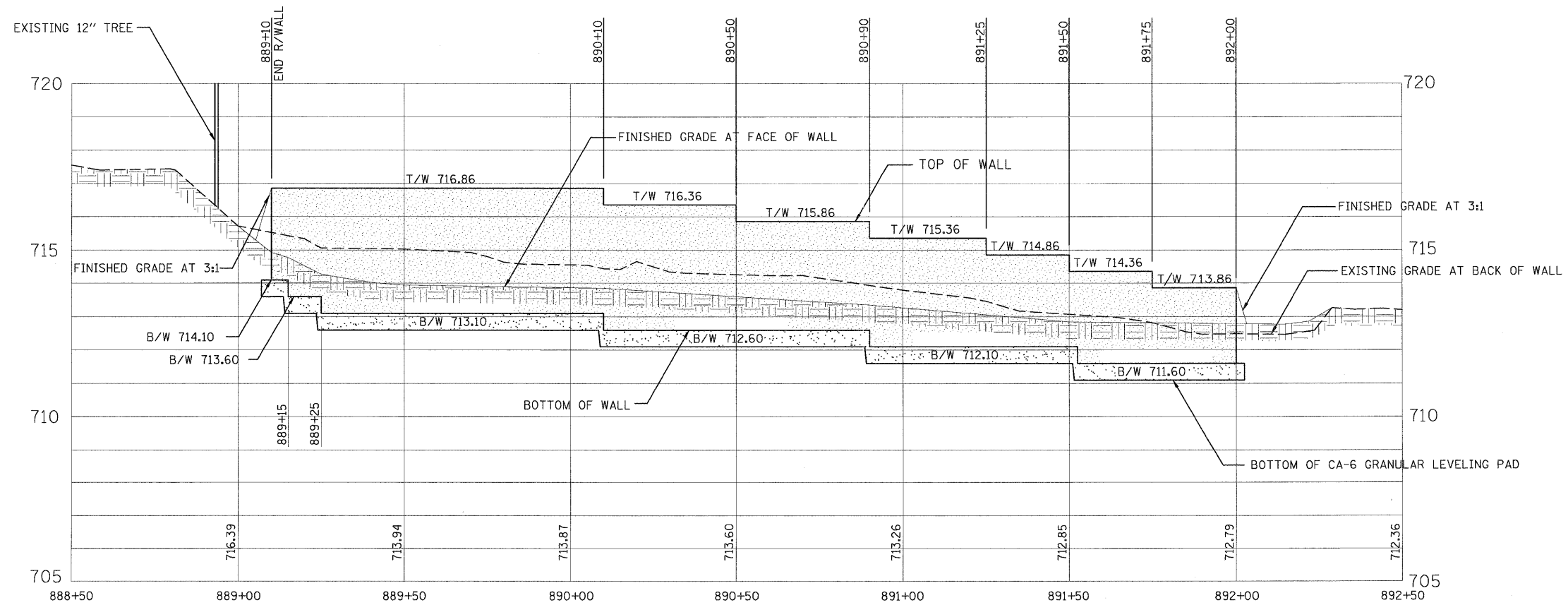


RESTORATION OF WORK AREA.
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME = 0163197-ah-t-ts06.dgn	USER NAME IDOT	DESIGNED TM	REVISD 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN ROOSEVELT RD. AT ARDMORE AVE. INTERSECTION	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 51	
PLOT SCALE 28,0000' / IN.	CHECKED DA	DRAWN BM/CC/BB	REVISD			SCALE: AS SHOWN	SHEET NO. 5 OF 6 SHEETS	CONTRACT NO. 63197		ILLINOIS FED. AID PROJECT	
PLOT DATE 10/25/2011	DATE 06/08/2011	REVISD	REVISD								



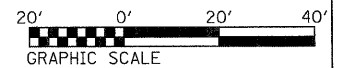
TYPICAL SECTION A - 3.0' SEGMENTAL CONCRETE BLOCK WALL
NTS



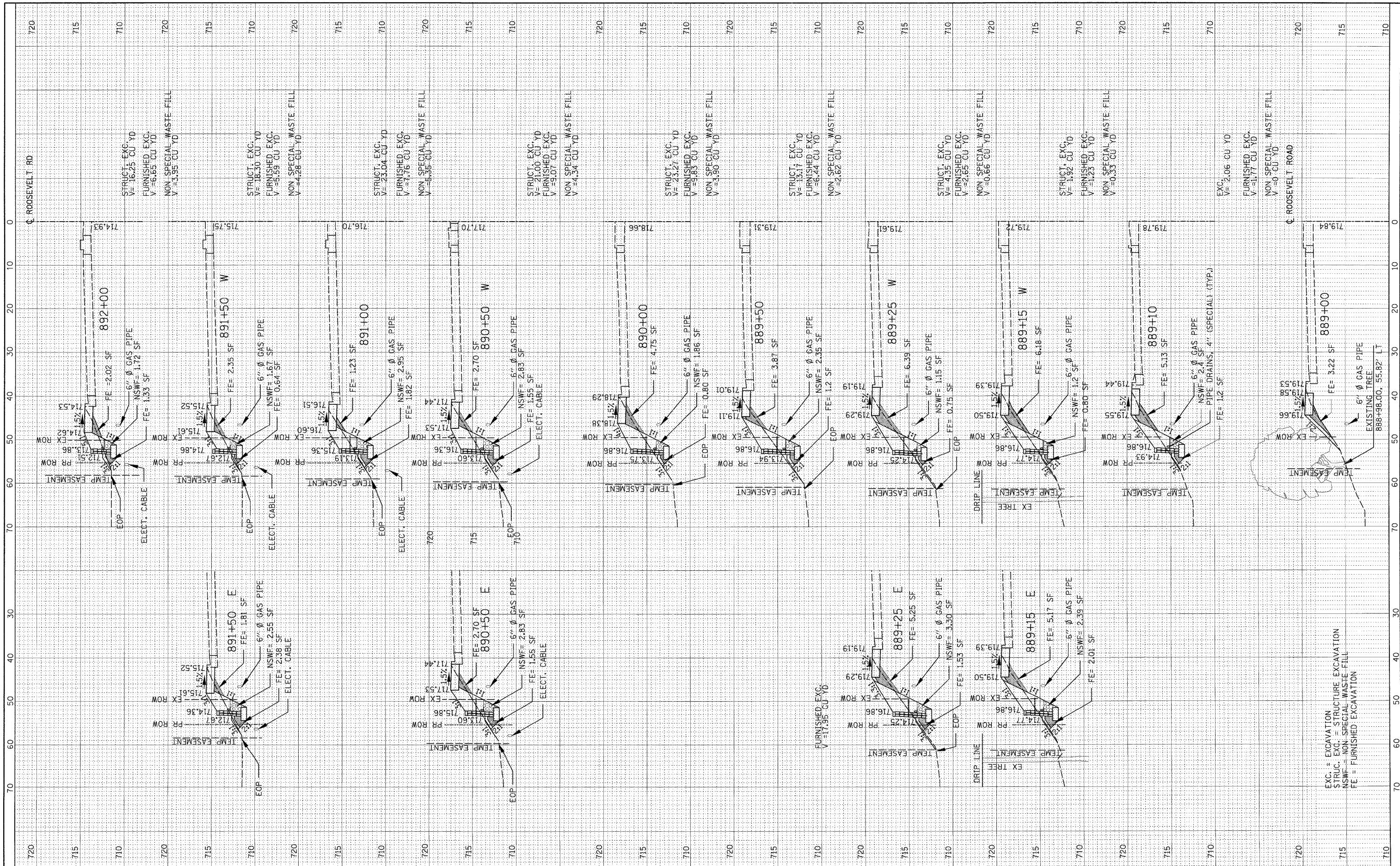
ELEVATION VIEW

NOTES:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS AND DIMENSIONS BEFORE START OF THE WORK OR ORDERING MATERIALS.
- SEE GRADING PLANS FOR LOCATIONS, GRADING, LENGTH AND ELEVATIONS
- THE BASE FOUNDATION FOR THE GRANULAR LEVELING PAD SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD. MINIMUM SOIL PRESSURE UNDER PAD=2000 PSF.
- EACH COURSE OF THE MODULAR BLOCKS TO BE SET BACK 3/4" FROM THE COURSE BELOW.
- SEE SPECIAL PROVISION FOR SEGMENTAL CONCRETE BLOCK WALL.
- PIPE UNDERDRAINS FOR STRUCTURES SHALL INCLUDE THE 4" DIA. PERFORATED PIPE DRAIN, GEOTECHNICAL FABRIC FOR FRENCH DRAINS, CA-2 DRAINAGE AGGREGATE. PIPES SHALL OUTLET THROUGH WALL.
- USE SUITABLE NON-SPECIAL WASTE FROM DEMINIMUS SITES IN-LIEU OF FURNISHED EXCAVATION IN LOCATIONS THAT 2" COVER IS PRESENT.



FILE NAME = 0163197-ahd-details-wall01.dgn	USER NAME IDOT	DESIGNED DA	REVISOR 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SEGMENTAL CONCRETE BLOCK WALL TYPICAL SECTION AND ELEVATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE 28.0000' / IN.	DRAWN JR/BB	REVISOR			347	02-00077-00-SW	DUPAGE	73	53
	PLOT DATE 10/25/2011	CHECKED JJ	REVISOR			CONTRACT NO. 63197				
				SCALE: AS SHOWN SHEET NO. 1 OF 2 SHEETS STA. 888+50.00 TO STA. 892+50.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =
D163197-ahd-details_wall102.dgn

USER NAME = IDOT
DESIGNED - DA
DRAWN - JR
CHECKED - JJ
DATE - 06/08/11

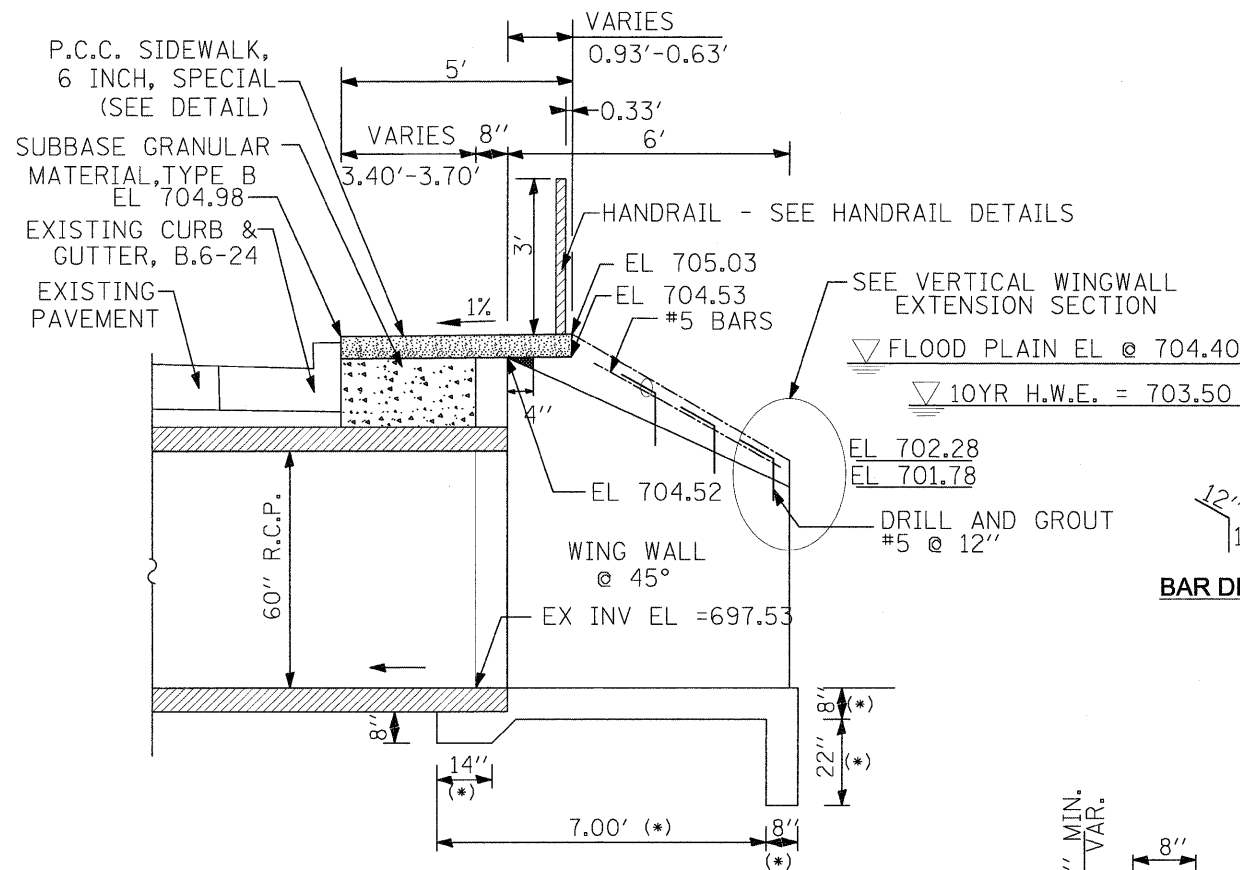
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

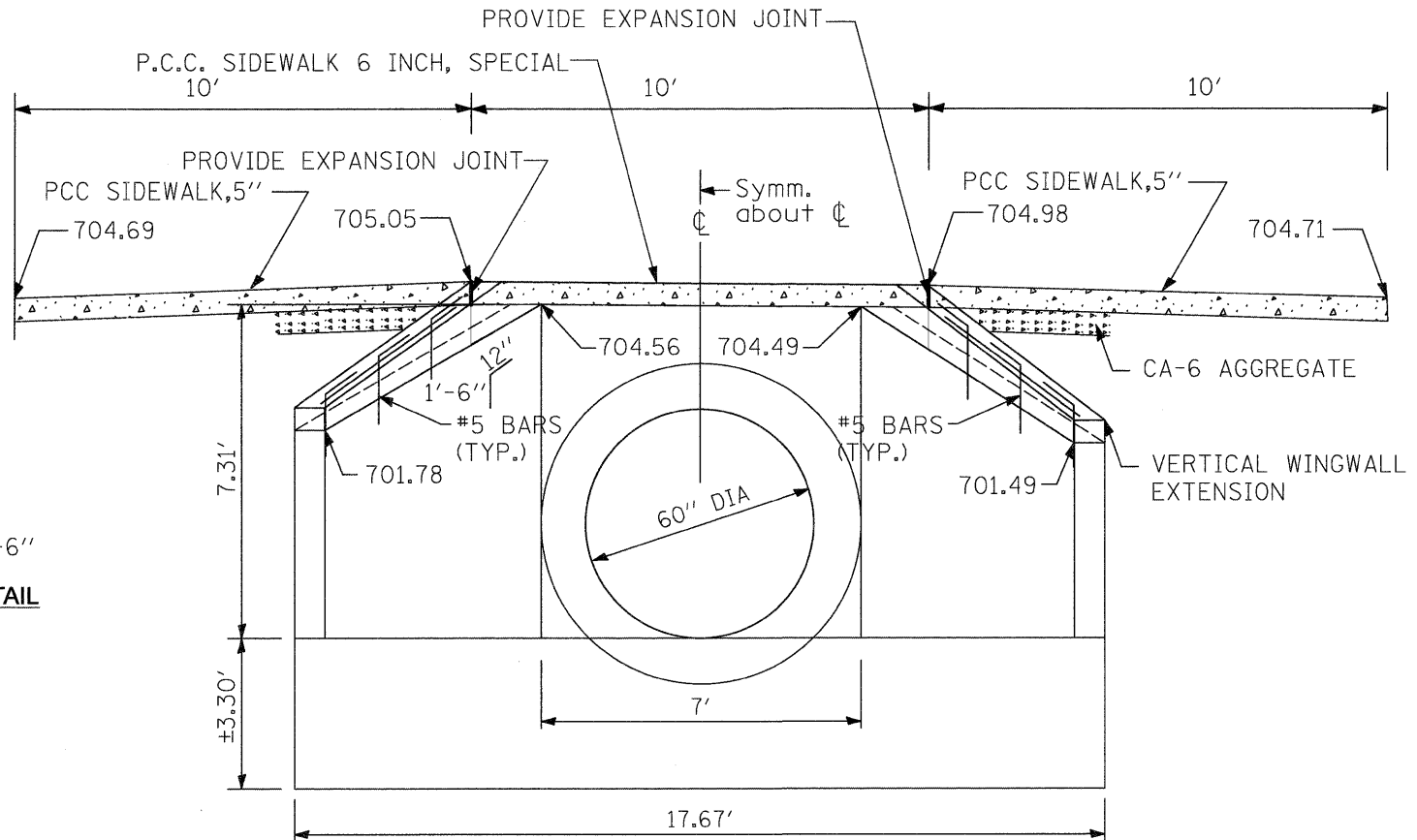
SEGMENTAL CONCRETE BLOCK WALL - CROSS SECTIONS
SCALE: SHEET NO. 1 OF 1 SHEETS STA. 889+00 TO STA. 892+00

F.A. RTE 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 63	SHEET NO. 54
CONTRACT NO. 63197			ILLINOIS FED. AID PROJECT	

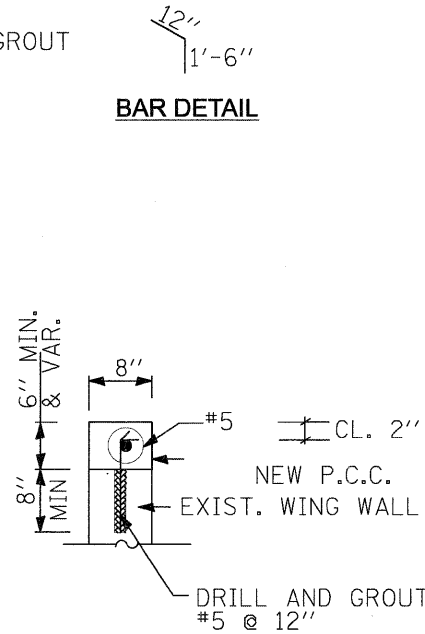
EXC. = EXCAVATION
STRUC. EXC. = STRUCTURE EXCAVATION
NSWF = NON-SPECIAL WASTE FILL
FE = FURNISHED EXCAVATION



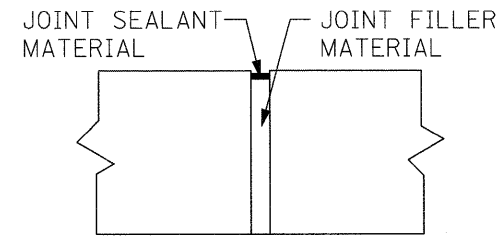
CULVERT CROSSING SECTION
SCALE: 1"=2'-0"



END ELEVATION
SCALE: 1"=2'-0"



VERTICAL WING WALL EXTENSION SECTION
N.T.S.

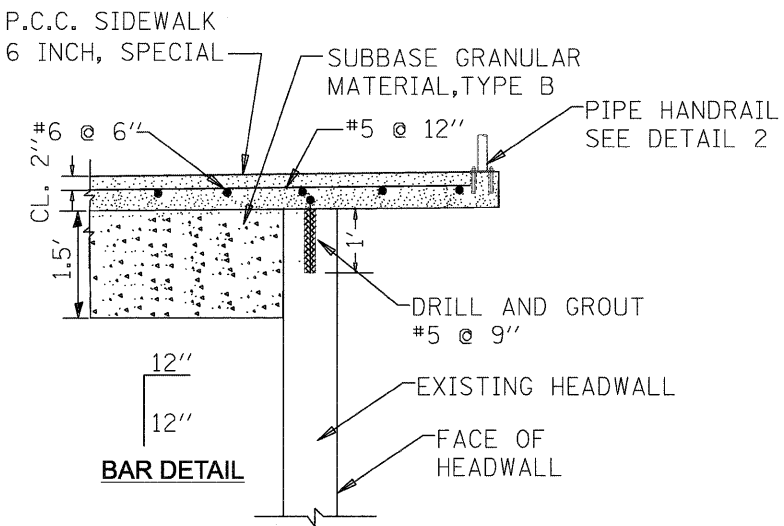


EXPANSION JOINT DETAIL
SCALE: N.T.S.

NOTE:

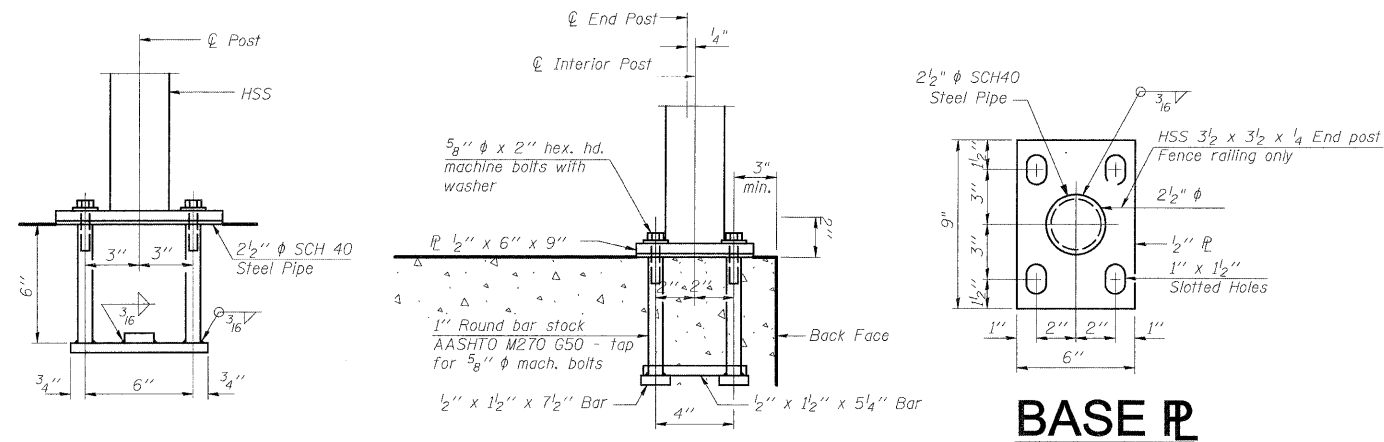
* PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM SELECTED SURVEYED COMPONENT LOCATIONS AND ELEVATIONS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

DRILLING OF BARS SHALL BE DONE IN ACCORDANCE WITH SECTION 584 OF THE STANDARD SPECIFICATIONS.



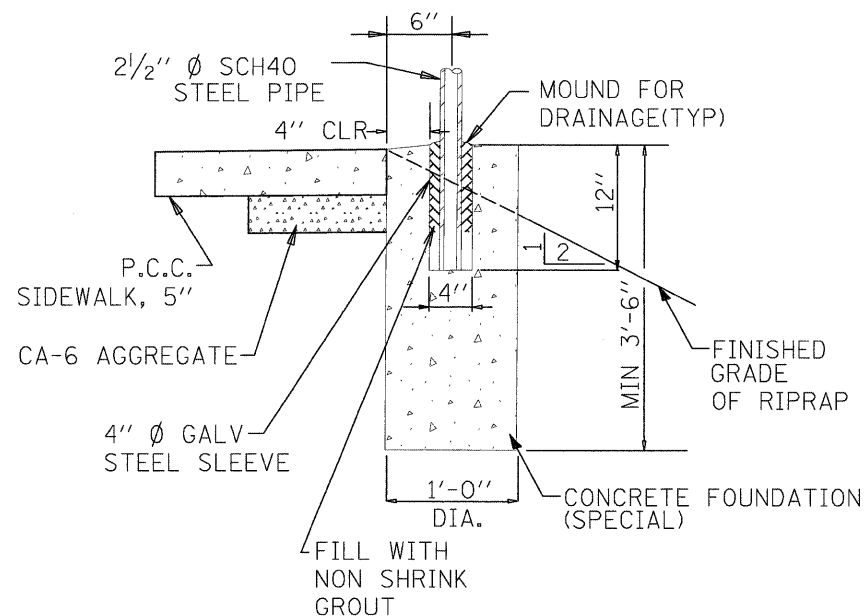
P.C.C. SIDEWALK 6 INCH, SPECIAL DETAIL
SCALE: N.T.S.

FILE NAME = D163197-sht-details_culvert.dgn	USER NAME IDOT	DESIGNED DA	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT CROSSING DETAILS			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 55			
PLOT SCALE 20.0000' / IN.	CHECKED JJ	DATE 06/08/2011	REVISED					SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 63197		
PLOT DATE 18/25/2011	DATE	REVISED						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



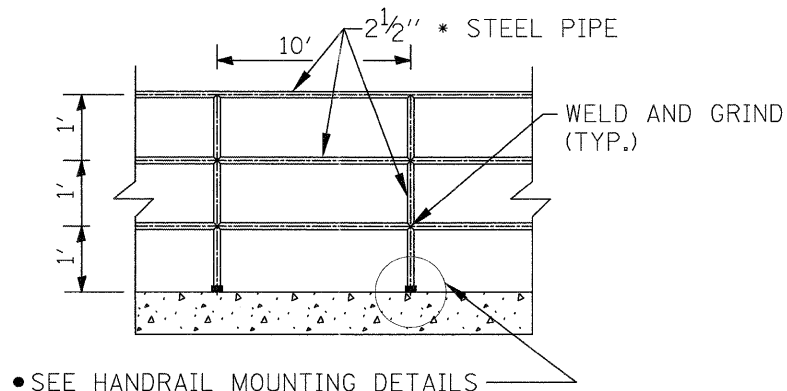
ANCHOR BOLT DETAILS FOR MOUNTING HANDRAIL ONTO PCC SIDEWALK 6 INCH, SPECIAL

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



HANDRAIL MOUNTING DETAIL ALONG PCC SIDEWALK, 5'

SCALE: N.T.S.



HANDRAIL DETAIL

NOTE:

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE HANDRAIL, ITS CONFIGURATIONS AND ITS INSTALLATION TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIALS.

HOLLOW STRUCTURAL STEEL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION A 500, GRADE B, STRUCTURAL STEEL TUBING.

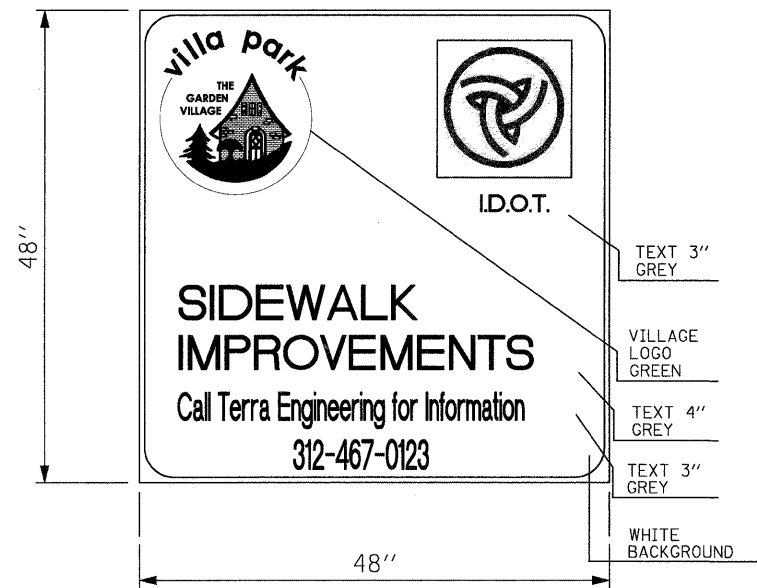
ALL OTHER STEEL SHAPES AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF AASTHO M 183.

COATING:

ALL POSTS, RAILING, SPLICES, ANCHOR DEVICES, AND PLATES SHALL BE GALVANIZED AFTER SHOP FABRICATION IN ACCORDANCE WITH AASTHO M 232.

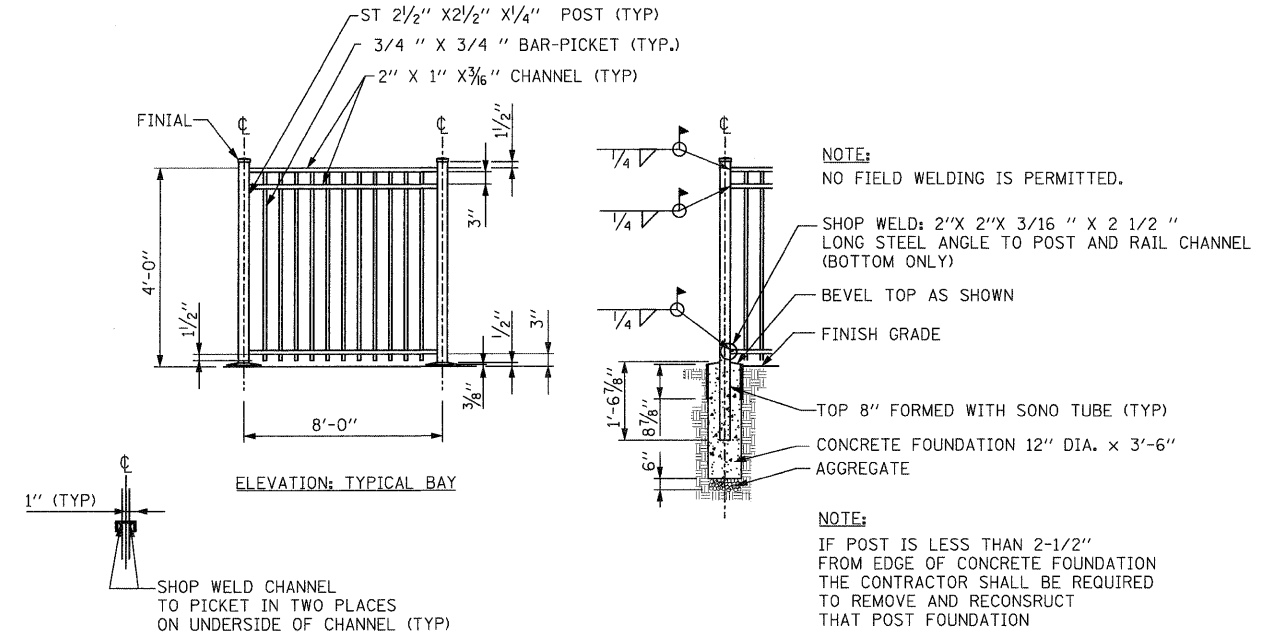
VENT HOLES FOR GALVANIZING SHALL BE PLACED IN THE POSTS AND RAILS AT LOCATIONS THAT WILL NOT ALLOW THE ACCUMULATION OF MOISTURE IN THE MEMBERS.

FILE NAME = 0163197-shd-details_handrail.dgn	USER NAME IDOT	DESIGNED DA	DRAWN CC /BB	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HANDRAIL MOUNTING DETAILS	F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 56
PLOT SCALE 20,0000' / IN.					SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63197				
PLOT DATE 10/25/2011							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

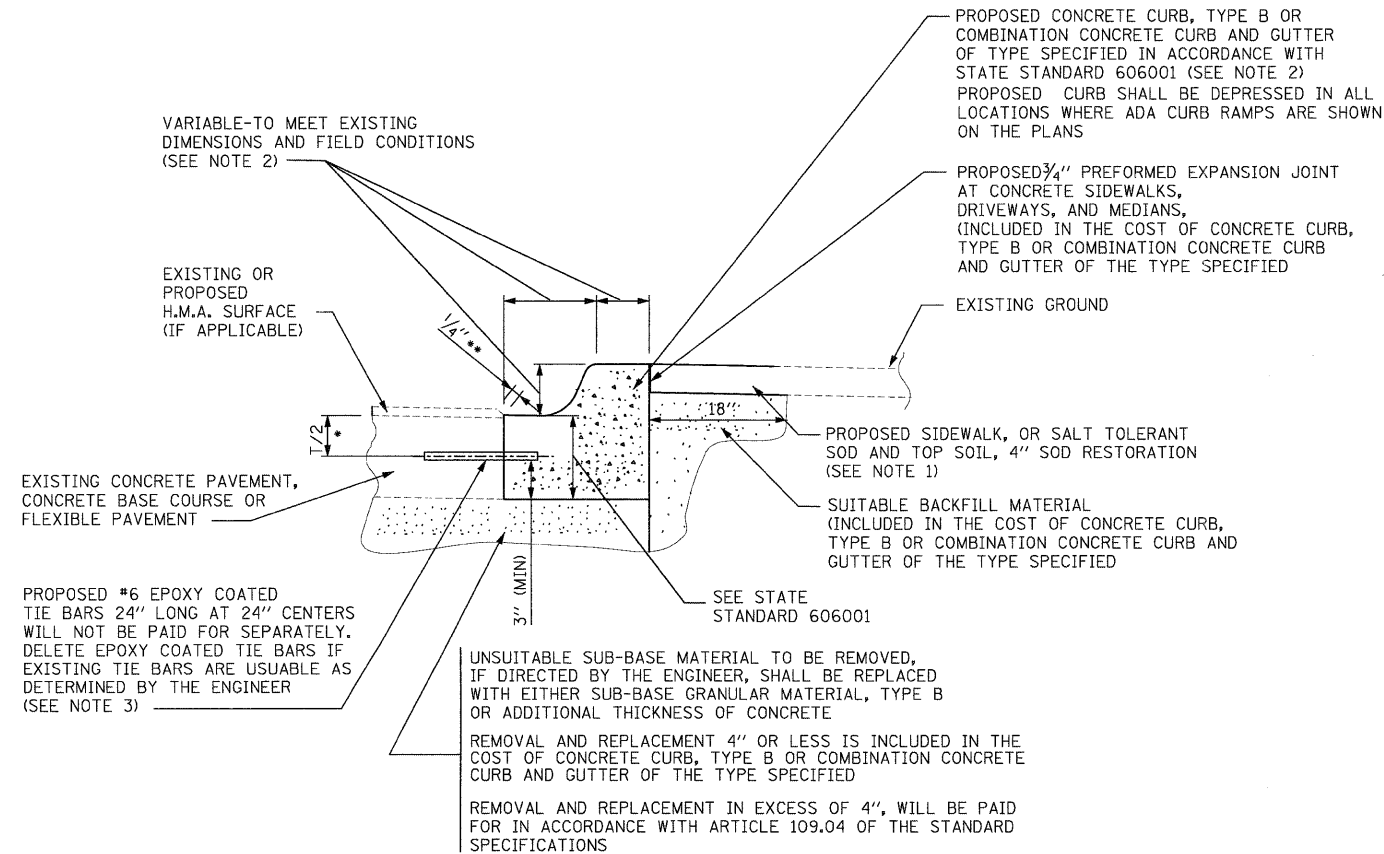


NOTE:
MOUNT ALUMINUM SIGN ON STANDARD CONSTRUCTION SIGN FRAME (PER IDOT STANDARD) ACCORDING TO THE LOCATION SPECIFIED BY THE LOCATION PLAN.

5 PROJECT IDENTIFICATION SIGN
SCALE: N.T.S.



6 ORNAMENTAL FENCE, WROUGHT IRON
SCALE: N.T.S.



7 REMOVAL AND REPLACEMENT OF CURB OR CURB AND GUTTER
SCALE: N.T.S.

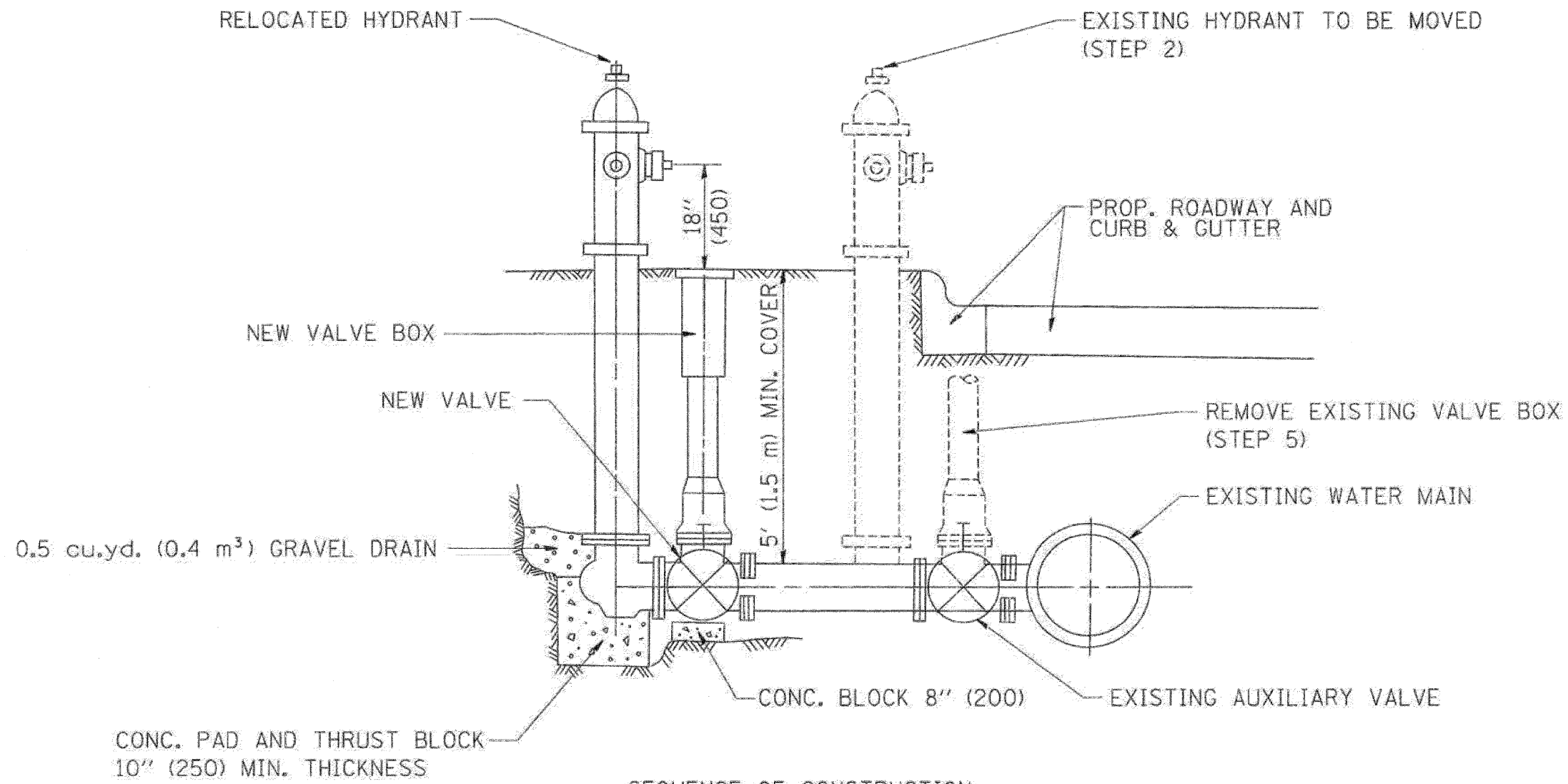
- 3" MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 - IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTES:**
1. SIDEWALK, OR DRIVEWAY PAVEMENT SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
 2. REPLACEMENT TYPE OF CURB OR CURB AND GUTTER SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
 3. FOR REPLACEMENT CURB OR CURB AND GUTTER ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
 4. LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CONCRETE CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL.
 5. THE COST OF H.M.A. SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
 6. THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
 7. THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:

CURB OR CURB AND GUTTER REMOVAL WILL BE PAID FOR AT THE CONCRETE UNIT PRICE PER FOOT FOR CONCRETE CURB REMOVAL OR COMBINATION CONCRETE CURB AND GUTTER REMOVAL.

REPLACEMENT CURB OR CURB AND GUTTER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CONCRETE CURB, TYPE B OR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.

FILE NAME = D163197-sht-detai1s02.dgn	USER NAME IDOT	DESIGNED DA	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROJECT SPECIFIC DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN CM /BB	REVISED					347	02-00077-00-SW	DUPAGE	73	58
		CHECKED JJ	REVISED		SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 63197				
		DATE 06/08/2011	REVISED		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					



SEQUENCE OF CONSTRUCTION:

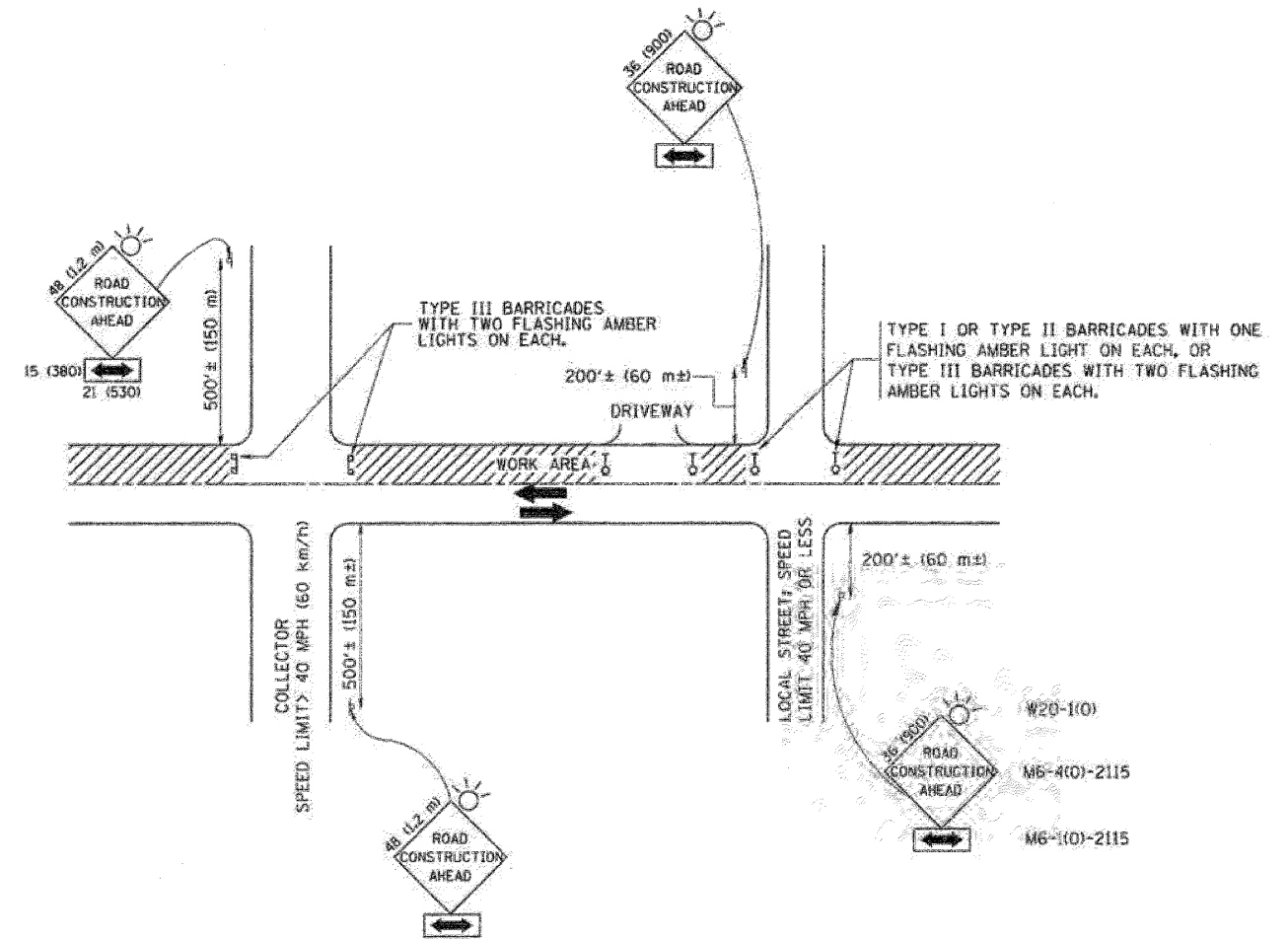
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME: W:\projects\22-34\16036.dgn	USER NAME: gajjarobit	DESIGNED: -	REVISED: - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
		DRAWN: -	REVISED: - R. SHAH 10-25-94		347	02_00077_00_SW	DuPage	73	59			
		CHECKED: -	REVISED: -		BD-36		CONTRACT NO. 63197					
		DATE: -	REVISED: -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

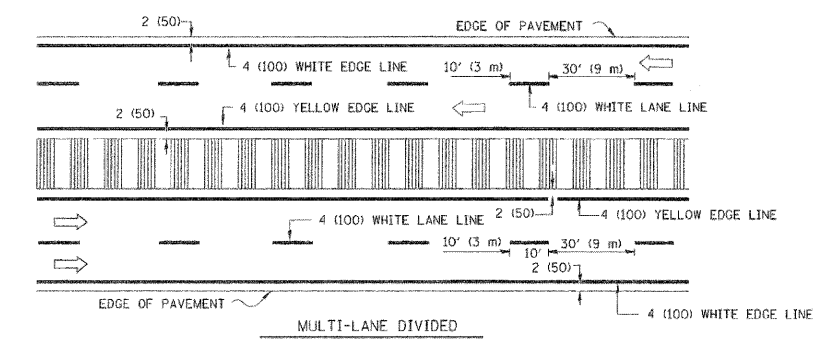
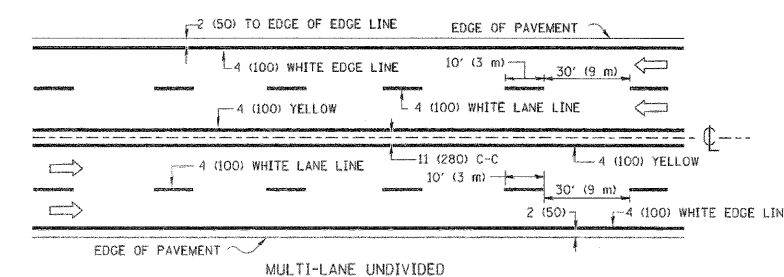
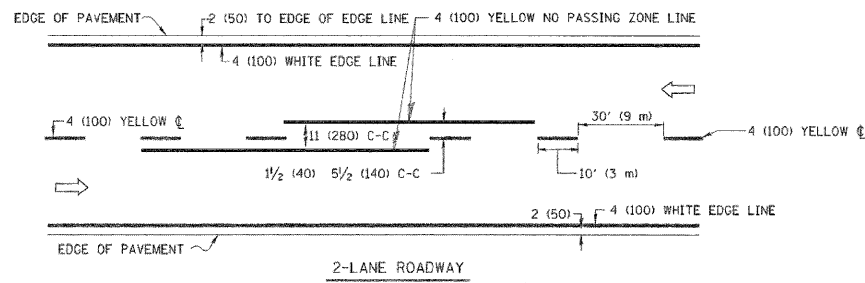
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 58.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	DATE = 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

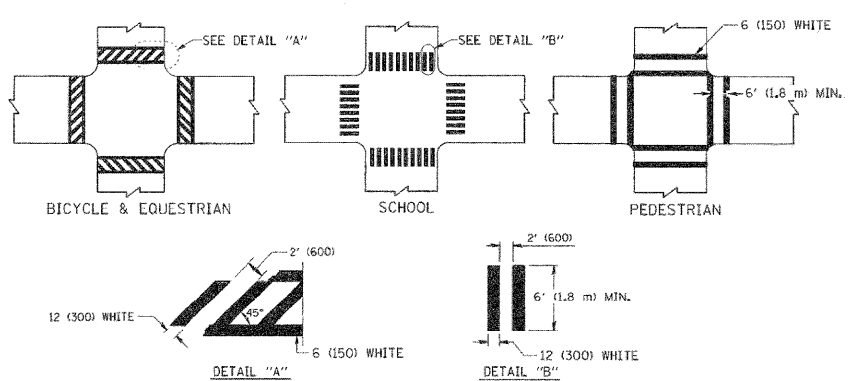
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F.A. RTE. = 347	SECTION = 02_00077_00_SW	COUNTY = DuPage	TOTAL SHEETS = 73	SHEET NO. = 60
TC-10			CONTRACT NO. 63197	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

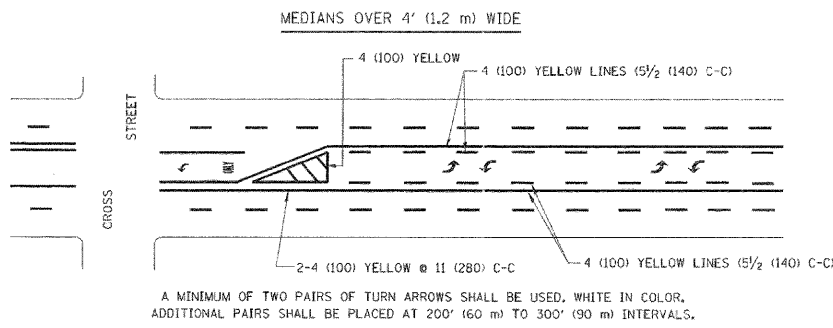
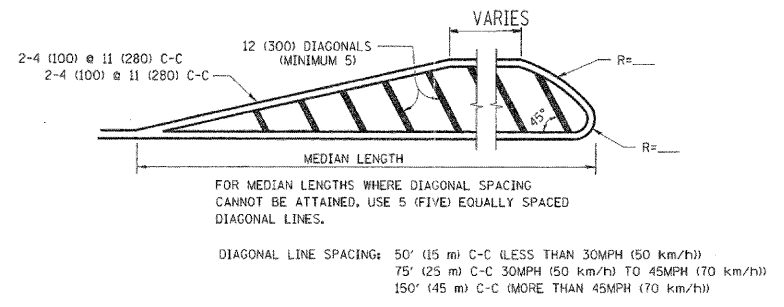
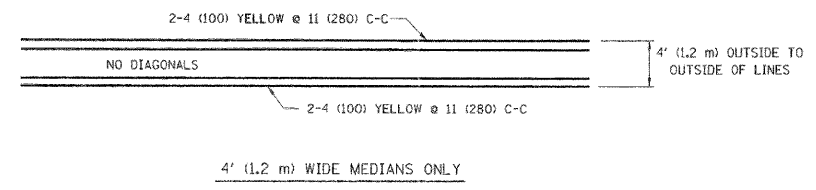


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

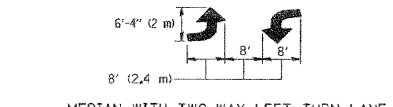
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

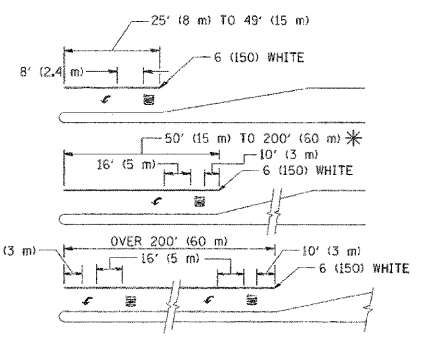


TYPICAL PAINTED MEDIAN MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE

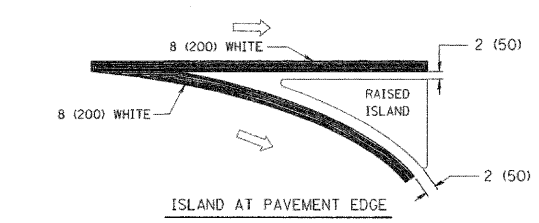
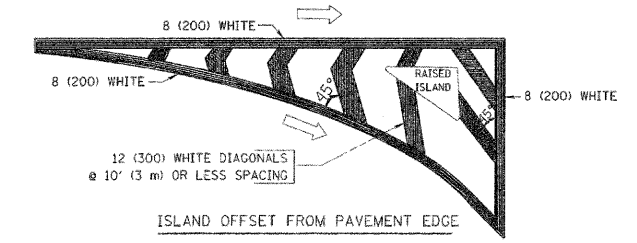
TYPICAL TURN LANE MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

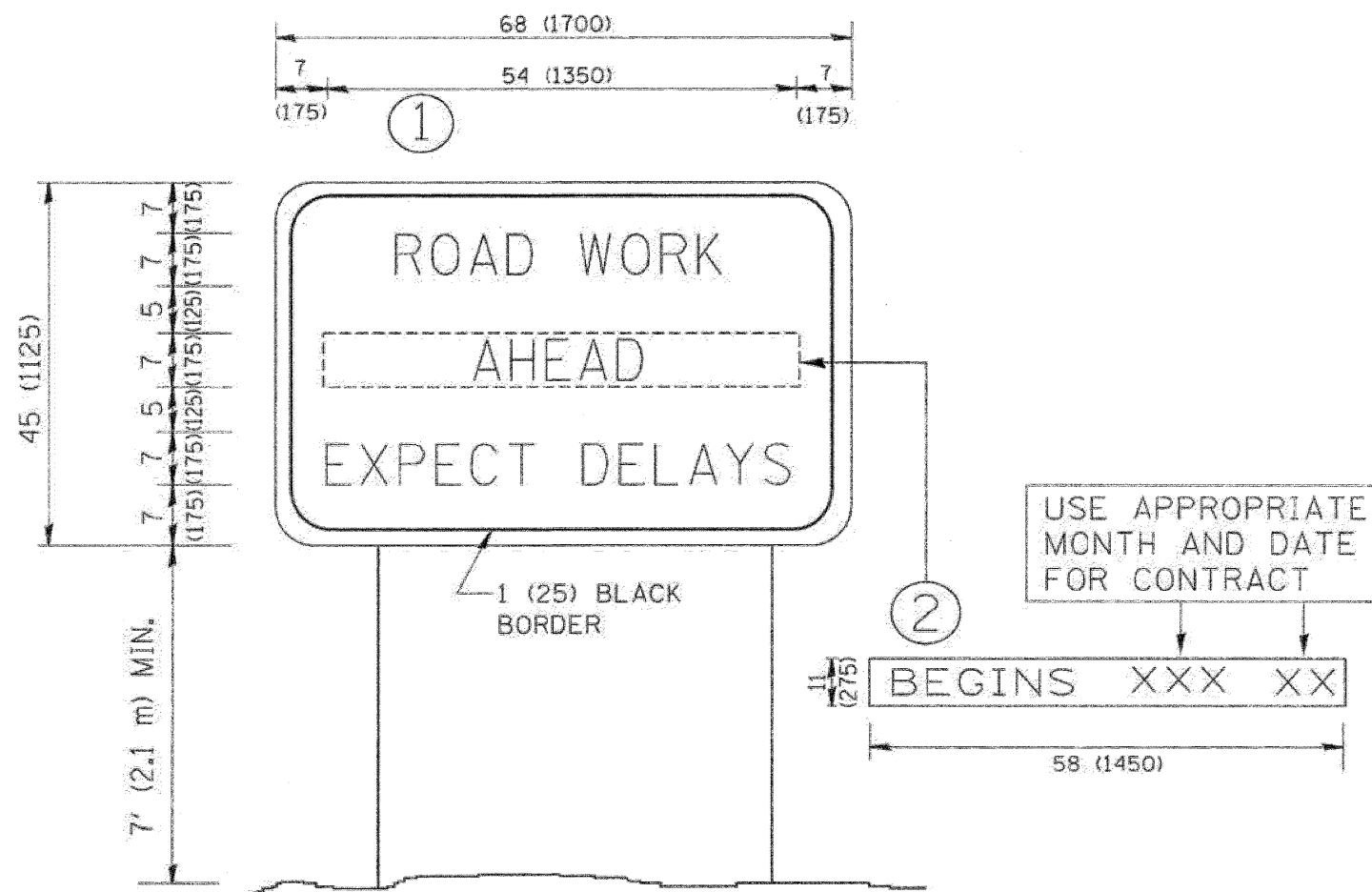


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS 8' (2.4m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.



NOTES:

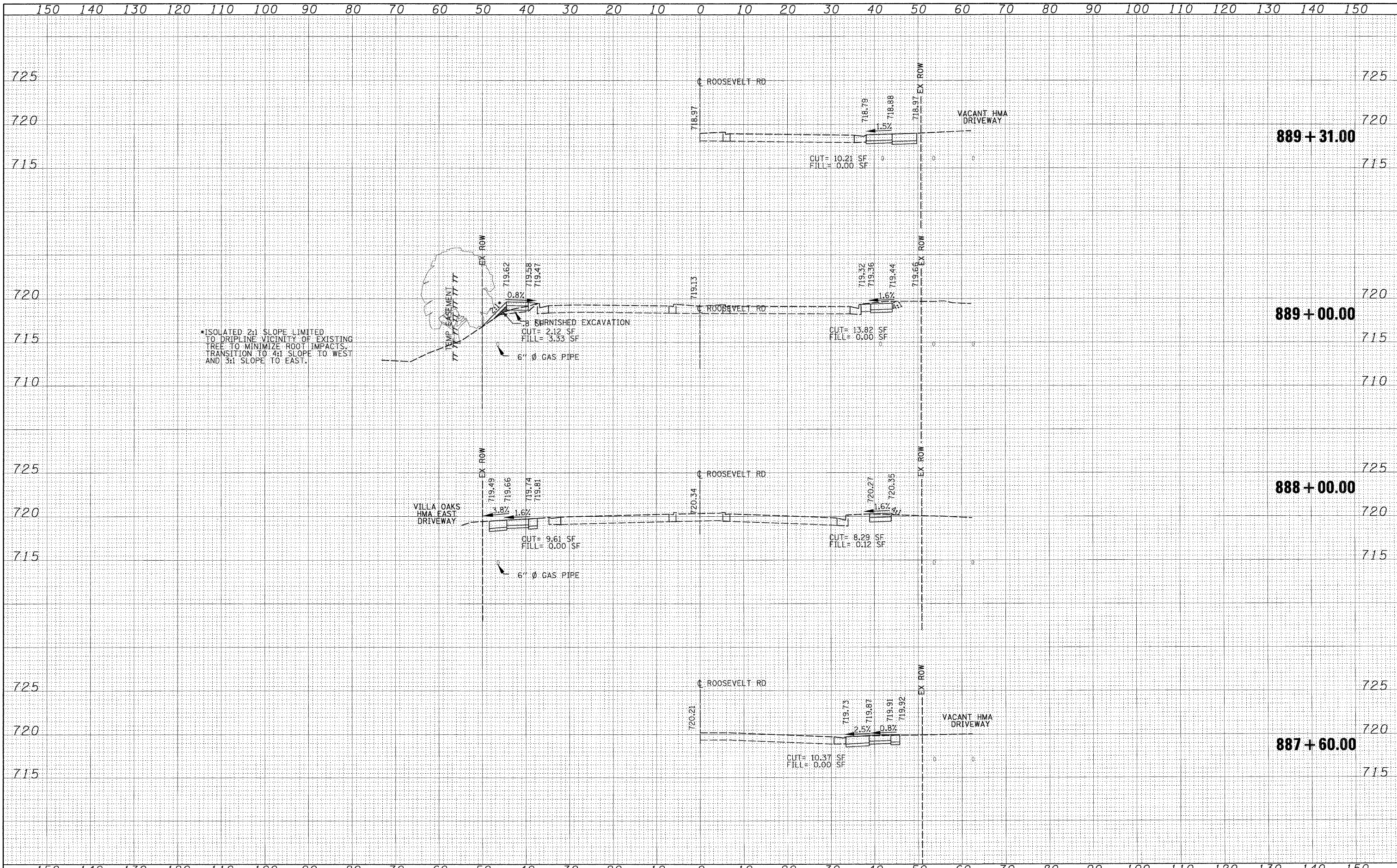
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\d\stsd\22\34\to22.dgn	USER NAME = gggliarubt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97			347	02_00077_00_SW	DuPage	73	62
		PLOT SCALE = 58.000 "/ IN.	CHECKED -			REVISED - T. RAMMACHER 02-02-99	TC-22		CONTRACT NO.	5197
		PLOT DATE = 1/4/2000	DATE -			REVISED - C. JUCIUS 01-31-07	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	BY	SHRIVED	DATE
		FINAL SURVEY	
		NOTE BOOK	
		NO.:	

DATE	BY	SHRIVED	DATE
		ORIGINAL SURVEY	
		NOTE BOOK	
		NO.:	

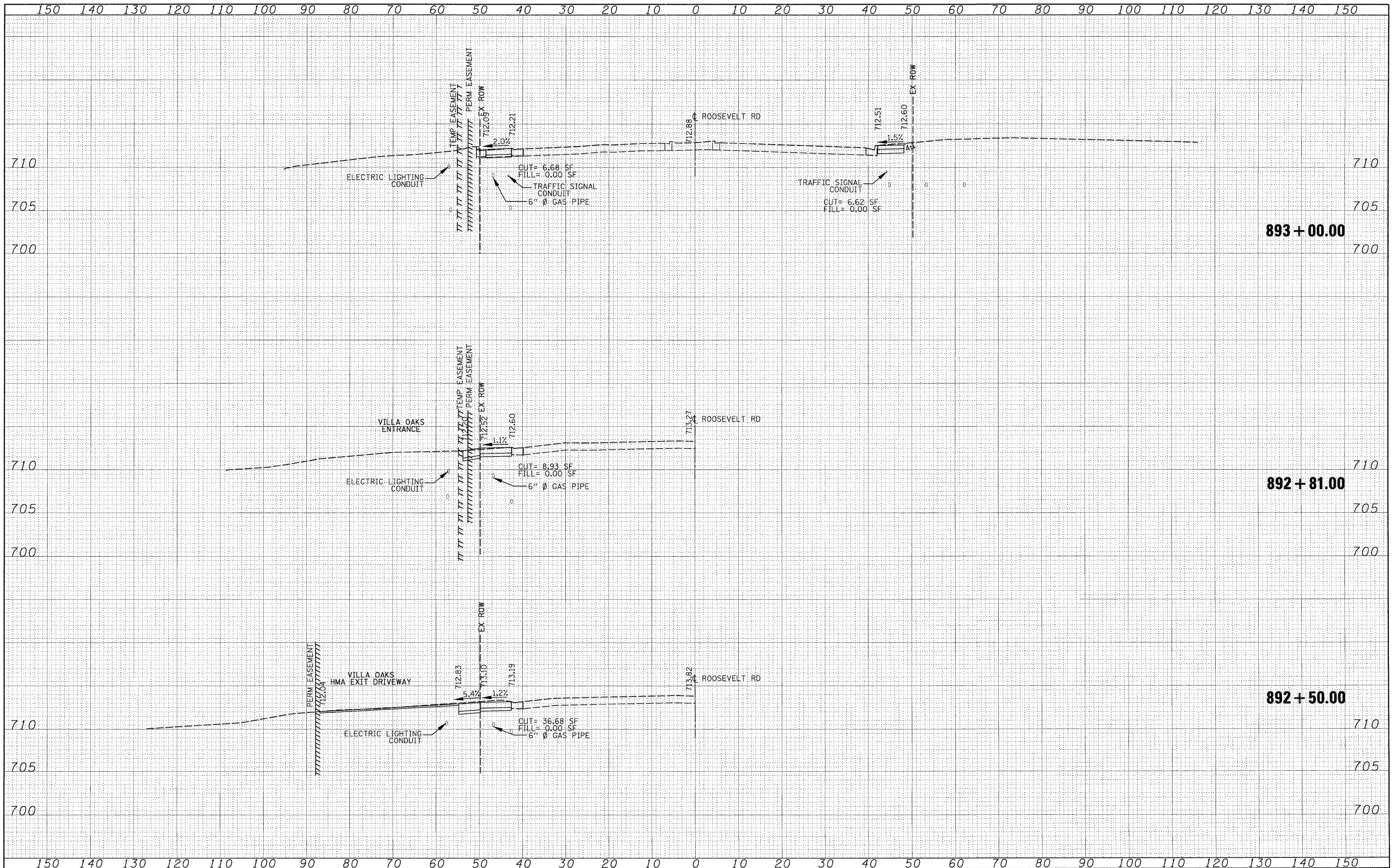


* ISOLATED 2:1 SLOPE LIMITED TO DRIP LINE VICINITY OF EXISTING TREE TO MINIMIZE ROOT IMPACTS. TRANSITION TO 4:1 SLOPE TO WEST AND 3:1 SLOPE TO EAST.

FILE NAME = 0163197-ant-xsht02.dgn	USER NAME = IDOT	DESIGNED DA	REVISED 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 64	
	PLOT SCALE = 1/4" = 10' / IN.	DRAWN - CC	REVISIED -		SCALE: 1"=20'	SHEET NO. 2 OF 11 SHEETS	STA. 887+60.00 TO STA. 889+31.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63197			
	PLOT DATE = 10/25/2011	CHECKED - DA/JJ	REVISIED -										
		DATE - 06/08/2011	REVISIED -										

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

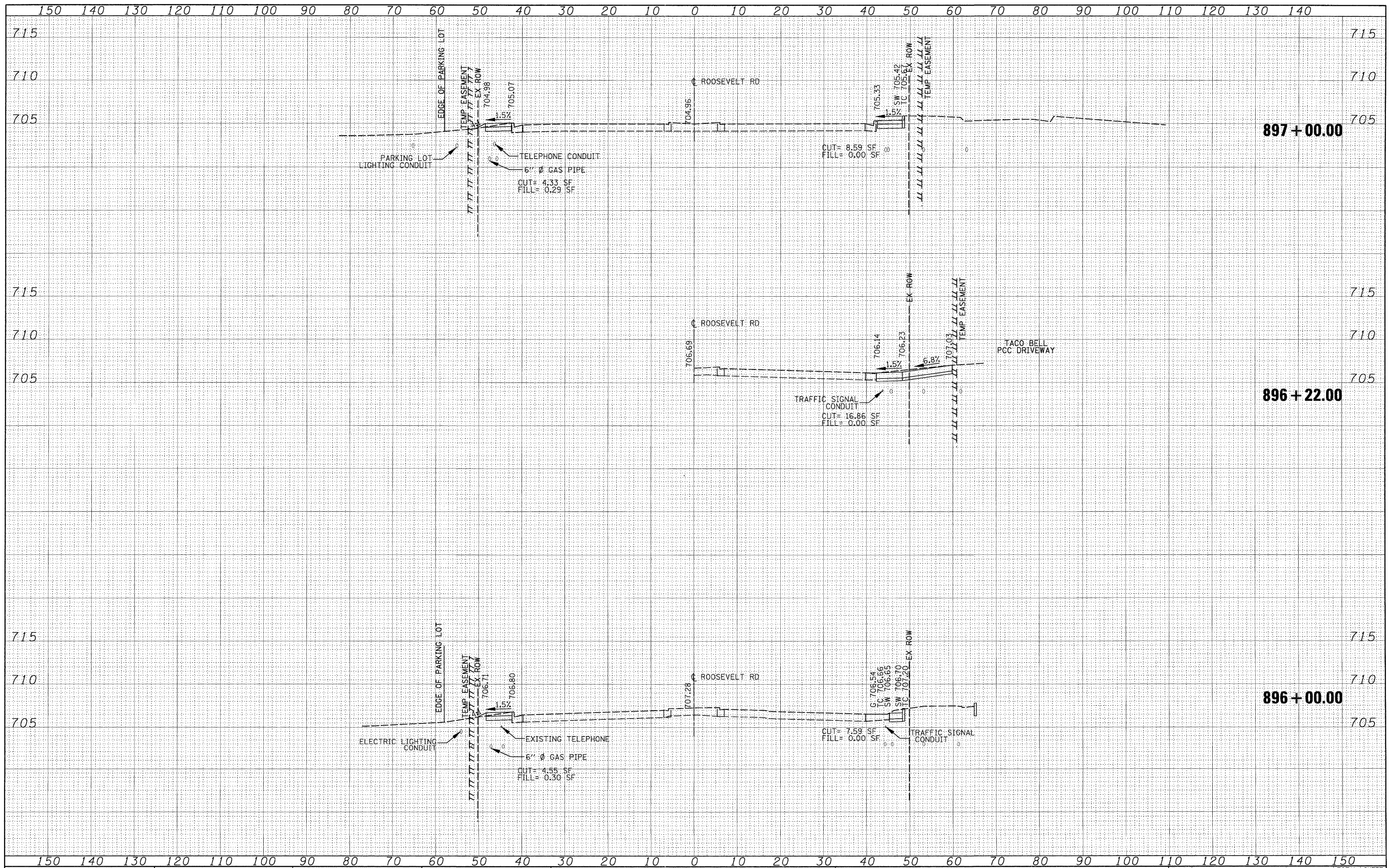
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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



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PLOT SCALE = 1/2"=20'	CHECKED - DA/JJ	DATE - 06/08/2011	REVISED -			SCALE: 1"=20'	SHEET NO. 4 OF 11 SHEETS	STA. 892+50.00 TO STA. 893+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63197

DATE	
BY	
DESIGNED	
DRAWN	
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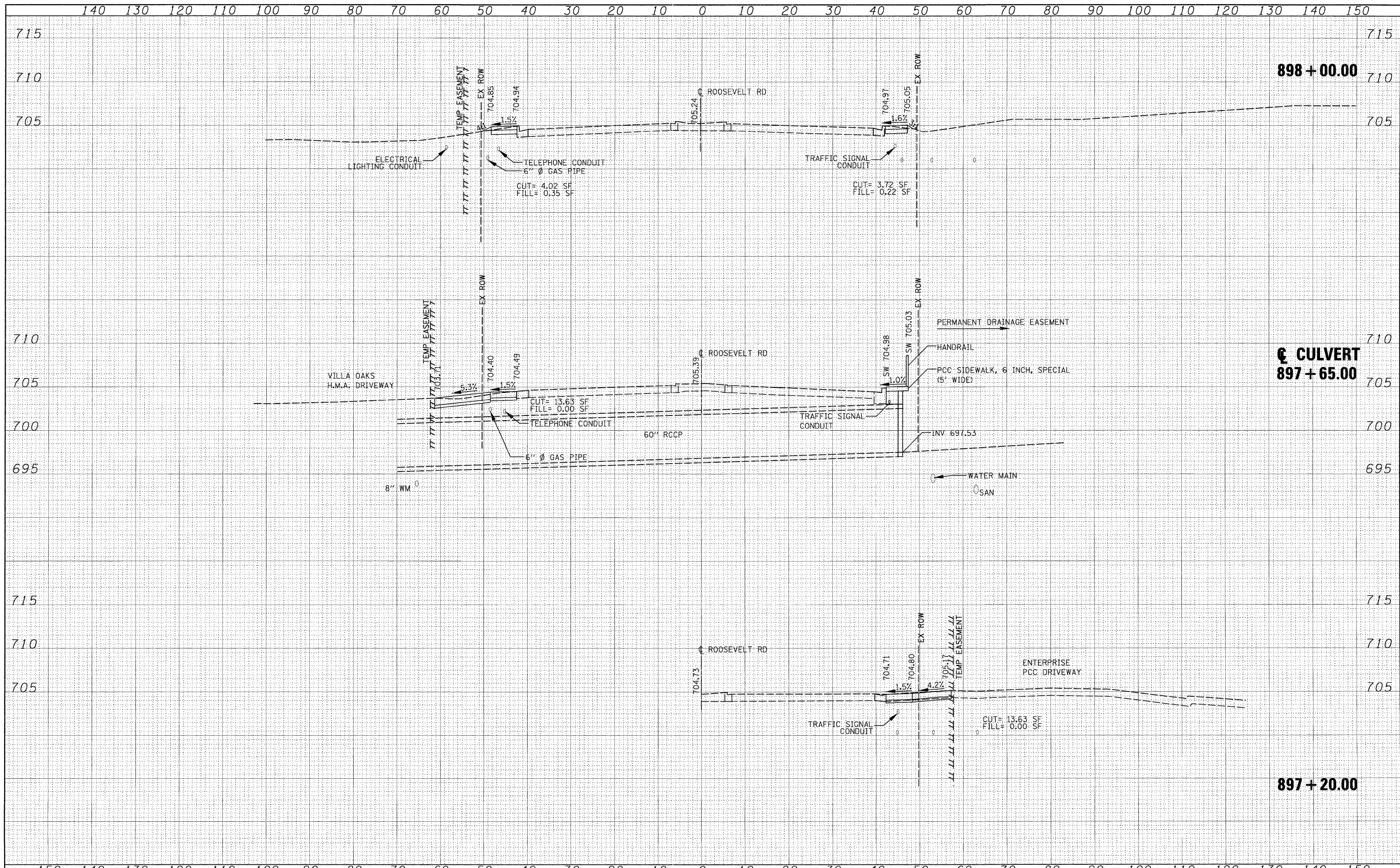
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DATE	



FILE NAME = D163197-ah-t-wsht06.dgn	USER NAME = IDOT	DESIGNED - DA	REVISED - 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 68
	PLOT SCALE = 1/8"=20'	DRAWN - CC	REVISED -		SCALE: 1"=20'	SHEET NO. 6	OF 11 SHEETS	STA. 896+00.00	TO STA. 897+00.00	CONTRACT NO. 63197		
	PLOT DATE = 10/26/2011	CHECKED - DA/JJ	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 06/08/2011	REVISED -									

DATE	BY	DESIGNED	PLOTTED	DATE
		DA	CC	
		DA/JJ		
		06/08/2011		

DATE	BY	DESIGNED	PLOTTED	DATE
		DA	CC	
		DA/JJ		
		06/08/2011		



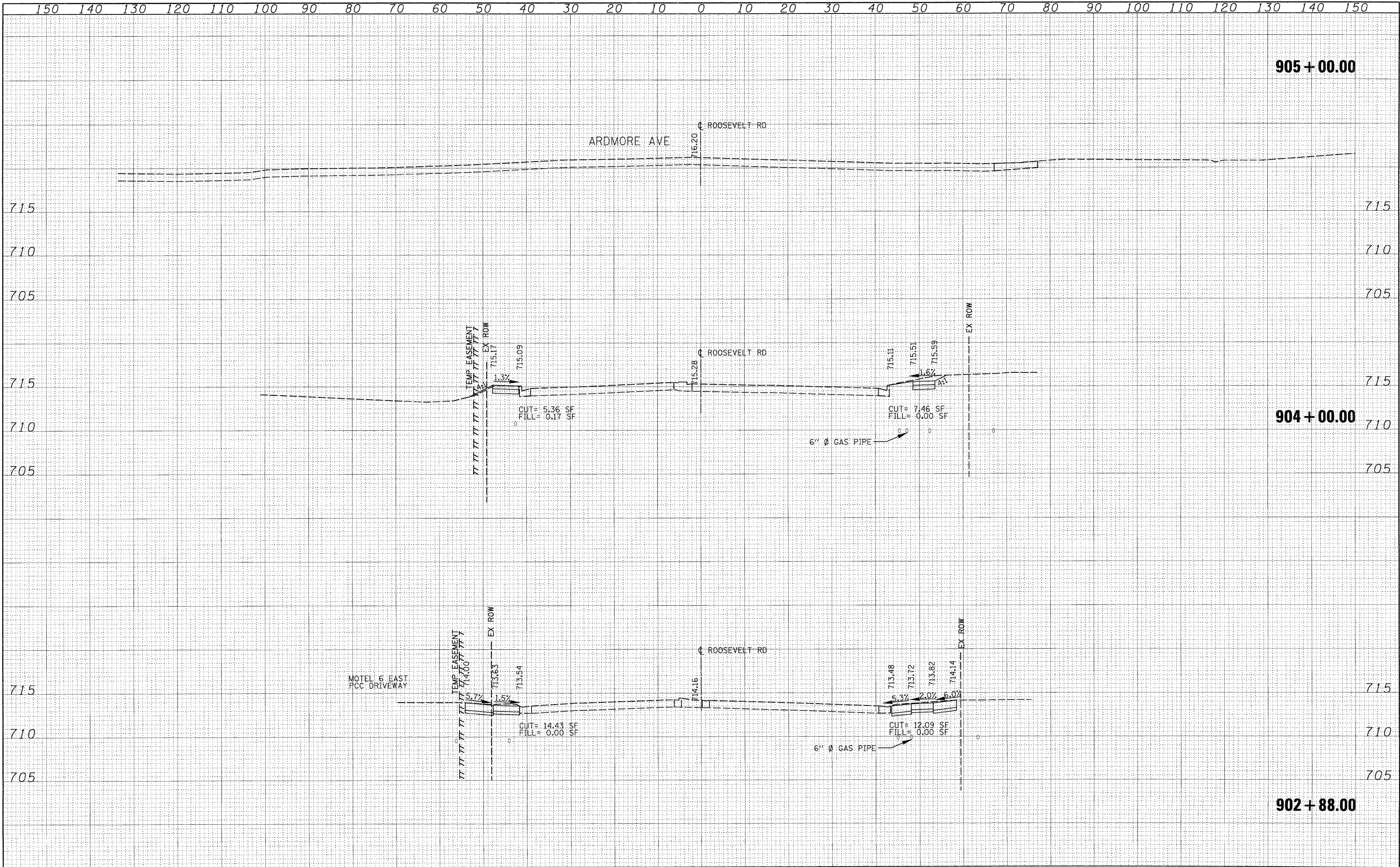
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	PLOT SCALE = 1/8" = 1' / IN.	DRAWN - CC	REVISED -		SCALE: 1"=20'	SHEET NO. 7 OF 11 SHEETS	STA. 897+20.00 TO STA. 898+00.00	CONTRACT NO. 63197				
	PLOT DATE = 10/25/2011	CHECKED - DA/JJ	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 06/08/2011	REVISED -									

225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
(312)467-0123



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

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



FILE NAME - D:\63197-shr-xsh11.dgn	USER NAME - IDOT	DESIGNED - DA	REVISED - 10/24/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. 347	SECTION 02-00077-00-SW	COUNTY DUPAGE	TOTAL SHEETS 73	SHEET NO. 73
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	PLOT DATE = 10/25/2011	CHECKED - DA/JJ	REVISED -									
		DATE - 06/08/2011	REVISED -									