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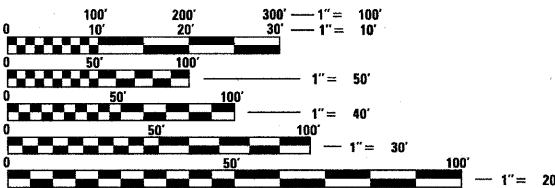
**PROJECT LOCATED IN:
VILLAGE OF HINSDALE**

TRAFFIC DATA:

11,500 VEHICLES PER DAY (2008)
POSTED SPEED: 25 MPH

ROADWAY CLASSIFICATION:

GARFIELD STREET: MINOR ARTERIAL
FIRST STREET: COLLECTOR
PARK AVENUE: COLLECTOR



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
CALL 811



Know what's below.
Call before you dig.

PROJECT MANAGER: GLENN TREDINNICK, PE
PROJECT ENGINEER: ERIC WESEL, PE
CONTRACT NO. 63297

FIELD ENGINEER: MARILYN D. SOLOMON, P.E. (847) 705-4407

STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAU RTE 2678 (GARFIELD STREET), FIRST STREET, & PARK AVENUE
FAU RTE 1504 (55TH STREET) TO FAU RTE 3782 (CHICAGO AVENUE)**

SECTION: 08-00086-00-RS

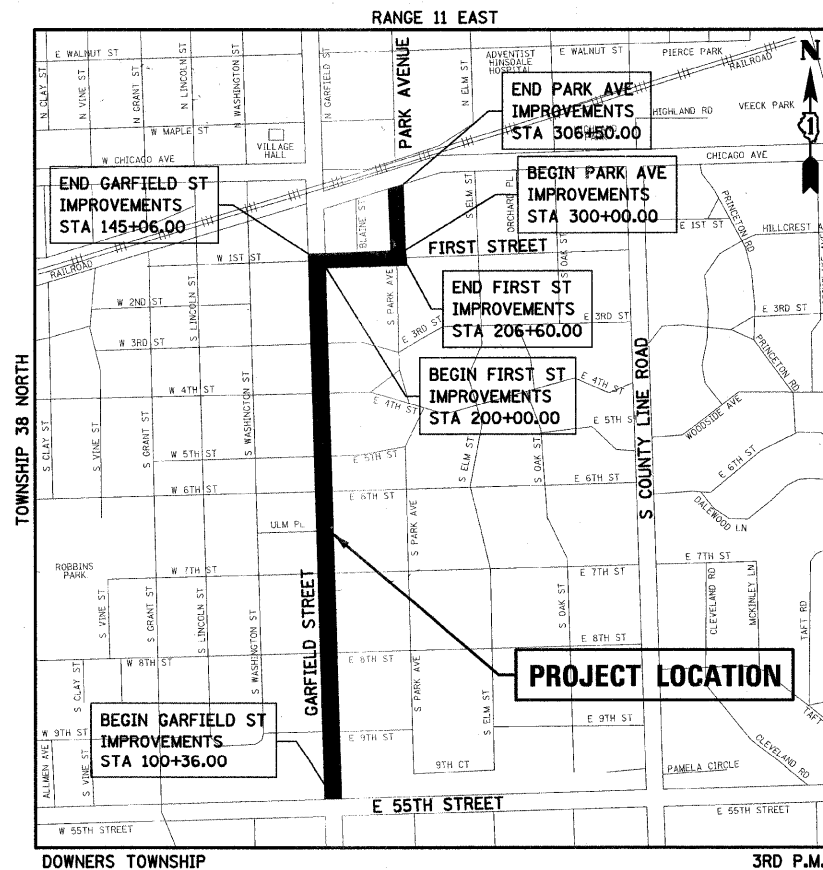
ROADWAY RESURFACING

PROJECT: ARA-9003(425)

VILLAGE OF HINSDALE

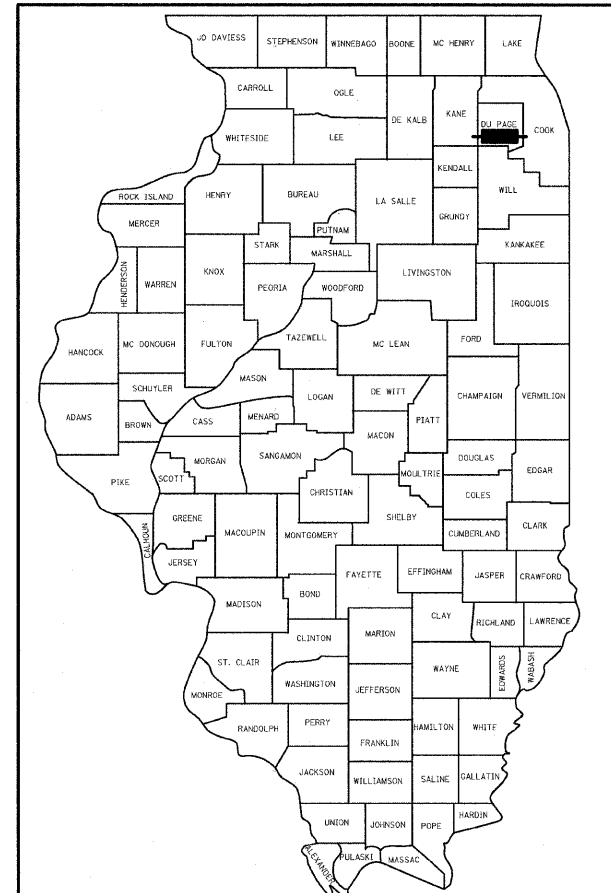
DUPAGE COUNTY

JOB NO.: C-91-829-09



PROJECT LOCATION
GROSS AND NET LENGTH OF IMPROVEMENT
 GARFIELD STREET = 4,470 FT
 FIRST STREET = 660 FT
 PARK AVENUE = 650 FT

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00086-00-RS	DUPAGE	65	1
		ILLINOIS	CONTRACT NO. 63297	



LOCATION OF SECTION INDICATED THUS: — ■ —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED August 14, 2009
[Signature]
VILLAGE ENGINEER, VILLAGE OF HINSDALE

PASSED SEPTEMBER 1, 2009
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW SEPTEMBER 1, 2009
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

[Signature]
GLENN TREDINNICK, P.E.
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
EXPIRES: 11-30-2009
DATE August 14, 2009



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

ALL TEMPORARY TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, BACKS OF CURB, ETC. ARE FROM THE CENTERLINE.

STORMWATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS:

- A) FOR STRUCTURES FALLING IN THE CURB LINE -- TO THE EDGE OF PAVEMENT
- B) FOR ALL OTHER STRUCTURE LOCATIONS -- TO THE CENTER OF THE STRUCTURE

ALL ELEVATIONS ARE ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

STORM SEWER

WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL GUTTERS AND UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF STORM SEWERS.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF STORM SEWERS.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER." THIS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND CLOSED LID PROVIDED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

CONNECTIONS INTO EXISTING STORM SEWERS, AND MORTARING OF EXISTING STORM SEWERS TO BE ABANDONED, SHALL BE INCLUDED IN THE COST OF STORM SEWERS, OF THE CLASS, TYPE AND DIAMETER SPECIFIED.

BACKFILL

ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE AND VILLAGE OF HINSDALE GUIDELINES.

COST OF TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID.

MISCELLANEOUS

THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THIS ITEM SHALL BE PAID FOR AND INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION".

SAWING OF REMOVAL ITEMS AS NOTED ON THE PLANS, SPECIFIED IN SECTION 440 OF THE STANDARD SPECIFICATIONS OR AS REQUIRED BY THE ENGINEER, SHALL BE CONSIDERED TO BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

BITUMINOUS MATERIALS (PRIME COAT) WILL BE APPLIED AT THE RATE OF 0.10 GAL./SQ. YD. AGGREGATE FOR PRIME COAT WILL BE APPLIED AT THE RATE 4 LBS./SQ. YD.

THE CONTRACTOR SHALL USE CARE IN GRADING NEAR TREES, SHRUBS AND BUSHES WHICH ARE NOT TO BE REMOVED TO AVOID INJURY TO THE ROOTS, TRUNKS AND LIMBS.

THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF A TAPER. THE TRANSITION FROM PROPOSED TO EXISTING SHALL ALSO BE MADE IN FIVE (5) FEET.

THE PROPOSED CURB AND GUTTER SHALL BE DEPRESSED AT ABUTTING SIDEWALKS AND AT PEDESTRIAN CROSSWALKS IN ACCORDANCE WITH THE ADA AND THE STANDARD SPECIFICATIONS.

STREET SIGNS SHALL BE REMOVED AS REQUIRED FOR CONSTRUCTION AND REINSTALLED AS INCLUDED IN THE COST OF CONSTRUCTION.

ELECTRIC, TELEPHONE AND GAS UTILITY COMPANIES HAVE UNDERGROUND AND/OR OVERHEAD SERVICE FACILITIES IN THE VICINITY OF THE PROPOSED WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 AND THE VILLAGE OF HINSDALE FOR UTILITY LOCATIONS.

ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE TWO SANDBAGS ON THE BOTTOM RAIL.

ANY DEFECTIVE OR NON-BICYCLE SAFE FRAMES AND GRATES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION. ALL FRAMES AND GRATES TO BE REPLACED SHALL REMAIN THE PROPERTY OF THE MUNICIPALITY AND SHALL BE STORED IN THE RIGHT-OF-WAY FOR PICKUP BY THE MUNICIPALITY.

THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWING ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING UTILITY LOCATIONS, DIMENSIONS, AND ELEVATIONS IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THE IMPROVEMENTS OR PROPOSED WORK. THE CONTRACTOR SHALL REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS.

REMOVAL OF EXISTING ABANDONED UTILITIES THAT ARE IN CONFLICT WITH THE PROPOSED STORM SEWER ARE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER ITEMS.

THE CONTRACTOR SHALL MAINTAIN AND KEEP AT THE JOB SITE, AN UP TO DATE SET OF "RECORD DRAWINGS" SHOWING ALL CHANGES FROM THE ORIGINAL PLANS. THE CONTRACTOR SHALL DELIVER THE "RECORD DRAWINGS" TO THE VILLAGE OF HINSDALE AND A COPY TO THE ENGINEER AT THE CONCLUSION OF THE PROJECT, PRIOR TO ANY FINAL INSPECTIONS.

INSTALL NEW WATER MAIN WITH A MINIMUM OF 5.0 FEET OF COVER BELOW EXISTING ELEVATION OR PROPOSED FUTURE ELEVATION WHICHEVER IS GREATER UNLESS GREATER DEPTH IS REQUIRED TO AVOID EXISTING UTILITIES OR WHERE INDICATED ON THE DRAWINGS.

LOCATE PRESSURE CONNECTIONS A MINIMUM OF 2 FEET FROM ANY EXISTING REPAIR SLEEVES. CONDUCT EXPLORATORY EXCAVATIONS AS REQUIRED. COST FOR EXPLORATION SHALL BE INCLUDED IN THE COST OF PRESSURE CONNECTIONS.

CONTRACTOR IS REQUIRED TO MEET PRESSURE TESTING REQUIREMENTS FOR ALL NEW WATER MAINS REGARDLESS OF CONDITION OF EXISTING VALVES. PROVIDE TEMPORARY PROVISIONS FOR FLUSHING AND BLOCKING AT CONNECTION POINTS IF NECESSARY TO MEET TESTING REQUIREMENTS AT NO ADDITIONAL COST TO THE CONTRACT.

THE CONTRACTOR SHALL PROVIDE A TEMPORARY COVERING OVER ALL NEW FIRE HYDRANTS UNTIL ALL NEW WATER MAIN IS PUT INTO SERVICE AND NEW FIRE HYDRANTS ARE OPERABLE.

ABANDON EXISTING WATER MAIN AFTER NEW SERVICES ARE CONNECTED TO THE NEW WATER MAIN. EXCEPT FOR THE PAYMENT FOR LINE STOPS, WHICH WILL BE PAID FOR SEPARATELY, THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR PVC WATER MAIN.

USE MECHANICAL JOINT FITTINGS TO PLUG/CAP EXISTING WATER MAINS TO BE ABANDONED. THE COST SHOULD BE INCLUDED IN THE COST OF THE PVC WATER MAIN.

SIZE AND LOCATION OF EXISTING WATER MAINS INDICATED ARE BASED ON AVAILABLE RECORDS AND LOCATING EFFORTS AND ARE NOT ALWAYS ACCURATE. THE CONTRACTOR SHALL LOCATE, UNCOVER, AND VERIFY SIZE OF ALL EXISTING MAINS IN ADVANCE OF CONNECTING TO OR ABANDONMENT OF THE MAIN AND HAVE APPROPRIATE FITTINGS OR VALVES REQUIRED AT THE TIME OF CONNECTION OR ABANDONMENT. COST OF LOCATING AND VERIFICATION OF EXISTING MAINS IS INCLUDED IN THE COST OF THE WATER MAIN.

THE CONTRACTOR SHALL LAY THE REPLACEMENT MAIN UP TO PROPOSED CONNECTION POINT WITH EXISTING MAIN OR EXISTING SERVICE AND TEMPORARY PLUG. CONNECT TO EXISTING WATER MAIN OR EXISTING SERVICE ONCE THE NEW MAIN HAS BEEN SUCCESSFULLY TESTED AND DISINFECTED (NON-PRESSURE CONNECTIONS). PLUG ENDS OF PIPE TO BE ABANDONED.

THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO THE VILLAGE OF HINSDALE, DAN SCHOENBERG @ (630) 789-7030 WHEN CONNECTIONS TO THE EXISTING MAIN WILL BE MADE. COORDINATE SHUTDOWN OF EXISTING MAINS WITH THE VILLAGE'S WATER AND SEWER SUPERINTENDENT. SCHEDULE THE WORK TO MINIMIZE THE NUMBER AND LENGTH OF SHUTDOWNS. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION OF SHUTDOWNS TO THE ENGINEER AND VILLAGE WATER DEPARTMENT 48 HOURS IN ADVANCE.

ONLY VILLAGE STAFF SHALL OPERATE EXISTING WATER VALVES.

THE CONTRACTOR SHALL REPAIR OR REPLACE EXISTING LAWN SPRINKLER SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION. WORK IS INCLUDED IN THE COST OF SODDING, SALT TOLERANT

THE CONTRACTOR SHALL PROVIDE A 3" COARSE AGGREGATE SUBGRADE (CA-6 STONE) FOR ALL PROPOSED SIDEWALK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED AND THE WORK WILL BE INCLUDED IN THE COST OF PCC SIDEWALK 5".

THE PROPOSED SIDEWALK THICKNESS AT DRIVEWAY LOCATIONS SHALL BE 6". NO ADDITIONAL COMPENSATION WILL BE ALLOWED AND THE WORK WILL BE INCLUDED IN THE COST OF PCC SIDEWALK 5".

THE CONTRACTOR SHALL CONTACT THE BUREAU OF TRAFFIC 72 HOURS PRIOR TO DETECTOR LOOP PLACEMENT.

LIST OF STATE STANDARD DRAWINGS


000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604051-03	FRAME AND GRATE, TYPE 11
604056-03	FRAME AND GRATE, TYPE 11V
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-05	URBAN CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

DISTRICT 1 STANDARDS

BD-8	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-07	DISTRICT 1 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING
TC-10	D.1 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (See sheet 54)

UTILITY CONTACTS

VILLAGE OF HINSDALE	DAN SCHOENBERG	630-789-7030
DUPAGE COUNTY HIGHWAY DEPARTMENT (TRAFFIC SIGNALS)	BOB KOLAR	630-407-6900
NICOR	CONNIE LANE	630-388-2362
COMED	TOM STUTZMAN	630-437-2236
AT&T (LOCAL)	MITCH CULLAN	630-573-6447
COMCAST	TONY DELVAUX	630-351-5052
FLAGG CREEK WATER RECLAMATION DISTRICT	EDWARD KOKAT	630-323-3299
MCI	DEAN BOYERS	972-729-6322

 <p>SEC Group, Inc. Professional Engineering Surveying Landscaping/Architecture Midwest • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = a.johnson PLOT SCALE = NONE PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GENERAL NOTES, LIST OF STATE STANDARDS, AND UTILITY CONTACTS SCALE: NONE SHEET NO. 2 OF 65 SHEETS STA. TO STA.	F.A.V. R.T.E. 2078 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 2 CONTRACT NO. 63297 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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CODE NUMBER	PAY ITEM	UNIT	TOTAL	GARFIELD STREET		FIRST STREET	PARK AVENUE
				PARTICIPATING (100% FEDERAL A.R.R.A. FUNDS)	NON-PARTICIPATING (100% VILLAGE OF HINSDALE FUNDS)	NON-PARTICIPATING (100% VILLAGE OF HINSDALE FUNDS)	NON-PARTICIPATING (100% VILLAGE OF HINSDALE FUNDS)
				1000	Y060-	Y060-	Y060-
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	344	344			
550A2720	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 3 12"	FOOT	22	22			
550A2740	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 3 18"	FOOT	518	518			
56104800	WATER VALVES 4"	EACH	1				1
56105000	WATER VALVES 8"	EACH	4		2	1	1
56105200	WATER VALVES 12"	EACH	3			1	2
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	6		4	2	
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	6		4	2	
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11			
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
60228110	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1		
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	7	7			
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5		2	1	2
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3			1	2
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	12	12			
60266500	VALVE VAULTS TO BE REMOVED	EACH	8		2	2	4
60266910	VALVE BOXES TO BE REMOVED	EACH	1		1		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	16	16			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	60	60			
67100100	MOBILIZATION	L SUM	1	1			
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1			
70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	400	400			
70300725	TEMPORARY PAINT PAVEMENT MARKING 4" WHITE	FOOT	8,980	8,812		84	84
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	609	609			
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37	37			
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	986	736		250	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	613	613			
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	116	116			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	990	870			120
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	260	234		13	13
78300100	PAVEMENT MARKING REMOVAL	SQ FT	544	513			31
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1			
88600600	DETECTOR LOOP REPLACEMENT	FOOT	220	220			
X0323840	WATER MAIN LINE STOP 6"	EACH	3		3		
X0323841	WATER MAIN LINE STOP 8"	EACH	2			1	1

⊙ SPECIALTY ITEM * SEE SPECIAL PROVISIONS, PLAN DETAILS, OR PLAN NOTE FOR CLARIFICATION.



USER NAME = sjohnson
 PLOT SCALE = NONE
 PLOT DATE = 8/20/2009

DESIGNED -
 DRAWN - SVJ
 CHECKED - GT
 DATE - 8/20/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 65 SHEETS STA. TO STA.

F.A.U. RTE. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 4
CONTRACT NO. 63297				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECT CONTACT: S. PETERSON, P.E. SEC GROUP, INC. 1000 N. WILSON AVENUE, SUITE 200, DEERFIELD, IL 60015

CODE NUMBER	PAY ITEM	UNIT	TOTAL	GARFIELD STREET		FIRST STREET	PARK AVENUE
				PARTICIPATING (100% FEDERAL A.R.R.A. FUNDS)	NON-PARTICIPATING (100% VILLAGE OF HINSDALE FUNDS)	NON-PARTICIPATING (100% VILLAGE OF HINSDALE FUNDS)	NON-PARTICIPATING (100% VILLAGE OF HINSDALE FUNDS)
				1000	Y060-	Y060-	Y060-
⊗ X0323842	WATER MAIN LINE STOP 12"	EACH	3			2	1
• X0324864	DRAIN CONNECTIONS	FOOT	250	250			
⊗ • X0351580	PVC WATER MAIN 12"	FOOT	1,393			696	697
• X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	72	62			10
• X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	18	14		3	1
• X4023000	TEMPORARY ACCESS (ROAD)	EACH	11	9		1	1
X7030104	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH	FOOT	558	558			
X7030106	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH	FOOT	226	226			
X7030112	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH	FOOT	80	80			
X7030120	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOL	SQ FT	98.8	98.8			
XX000406	BRICK PAVER REMOVAL AND REPLACEMENT	SQ FT	128	128			
⊗ XX001987	LINE STOPS 4"	EACH	1				1
XX002905	CONFLICT MANHOLE, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
⊗ • XX002907	WATER SERVICE CONNECTION (SHORT)	EACH	19		11	3	5
⊗ • XX003213	ADJUSTING WATER SERVICE LINES	EACH	25		16	6	3
⊗ • XX003516	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 8"	EACH	3		1	1	1
⊗ • XX003517	CONNECTIONS TO EXISTING WATER MAINS (NON PRESSURE) - 6"	EACH	5		5		
⊗ • XX003518	CONNECTIONS TO EXISTING WATER MAINS (NON PRESSURE) - 4"	EACH	1		1		
• XX003822	STORM SEWER REMOVAL, SPECIAL	FOOT	160	160			
⊗ • XX004689	SANITARY SERVICE TO BE ADJUSTED	EACH	20		20		
• XX004812	VIDEO TAPING OF SEWERS	FOOT	5,374	2,710	2,664		
⊗ • XX004999	PVC WATER MAIN 8"	FOOT	1,786		1,743	22	21
⊗ • XX005107	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 12"	EACH	2			1	1
⊗ • XX005541	CURED-IN-PLACE PIPE (CIPP), 12"	FOOT	103		103		
⊗ • XX005542	CURED-IN-PLACE PIPE (CIPP), 15"	FOOT	213		213		
⊗ • XX005554	CURED-IN-PLACE PIPE (CIPP), 24"	FOOT	2,248		2,248		
⊗ • XX006247	SANITARY SEWER REMOVAL	FOOT	75		75		
⊗ • XX006814	WATER SERVICE CONNECTION (LONG)	EACH	23		9	6	8
• XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	161	161			
• XX007357	CLASS C PATCHES (SPECIAL)	SQ YD	21				21
• Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	4	4			
⊗ • Z0045100	PRESSURE CONNECTION 12"x12"	EACH	1				1
△ Z0076600	TRAINEES	hour	500	500			
⊗ • XX008185	PVC WATERMAIN, 4"	FOOT	22				22
• XX008186	SALVAGING EXISTING BRICK PAVERS	EACH	713	553		80	80
⊗ • XX008187	SANITARY SEWER MANHOLE INTERIOR REHABILITATION	FOOT	165		165		
⊗ • XX008188	SANITARY SEWER REPAIR, REMOVE AND REPLACE	FOOT	45		45		

• SEE SPECIAL PROVISIONS, PLAN DETAILS, OR PLAN NOTE FOR CLARIFICATION.
⊗ SPECIALTY ITEM
△ Y080

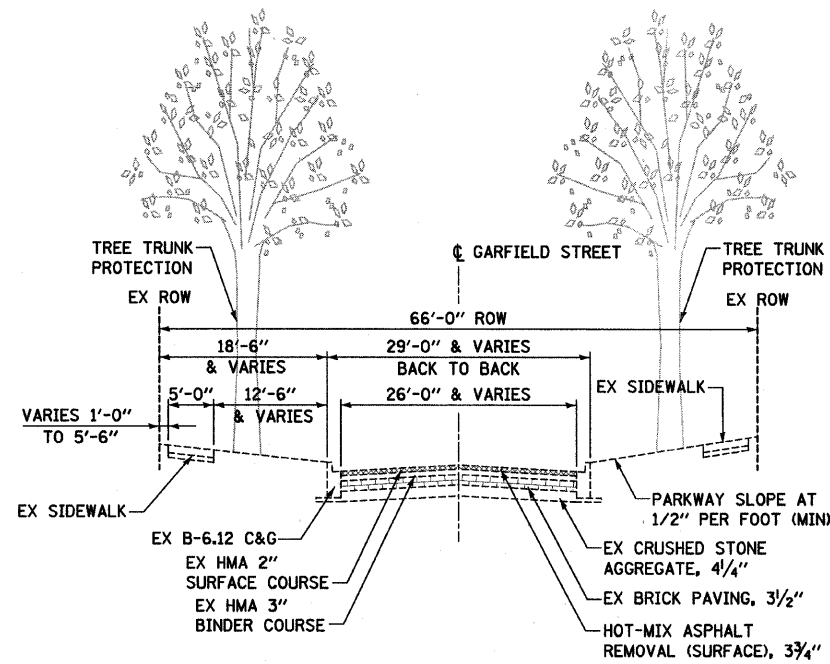


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PLOT DATE = 8/20/2009	CHECKED - GT	REVISED -
	DATE = 8/20/09	REVISED -

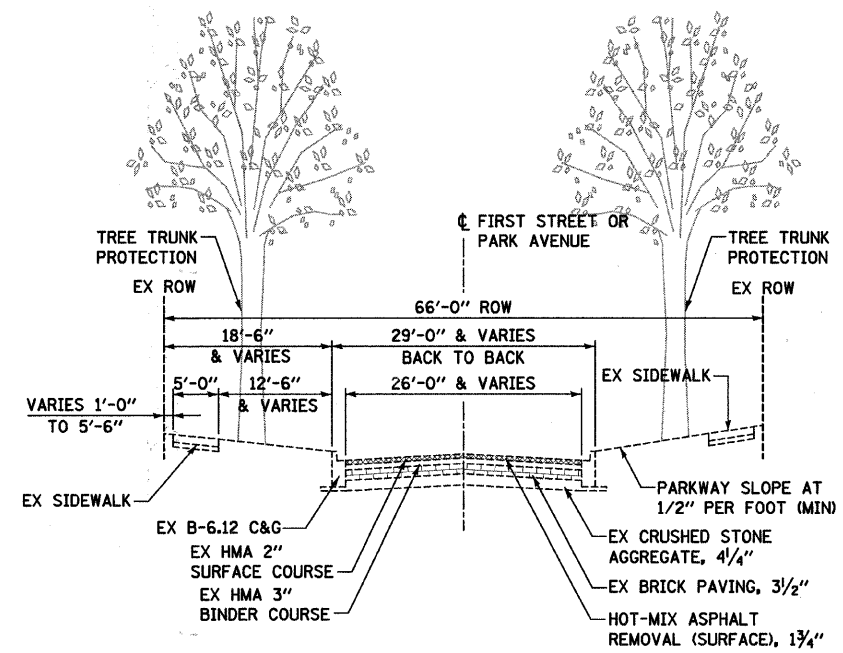
VILLAGE OF HINSDALE
DUPAGE COUNTY, ILLINOIS
GARFIELD STREET, FIRST STREET, & PARK AVENUE

SUMMARY OF QUANTITIES	
SCALE: NONE	SHEET NO. 5 OF 65 SHEETS
STA.	TO STA.

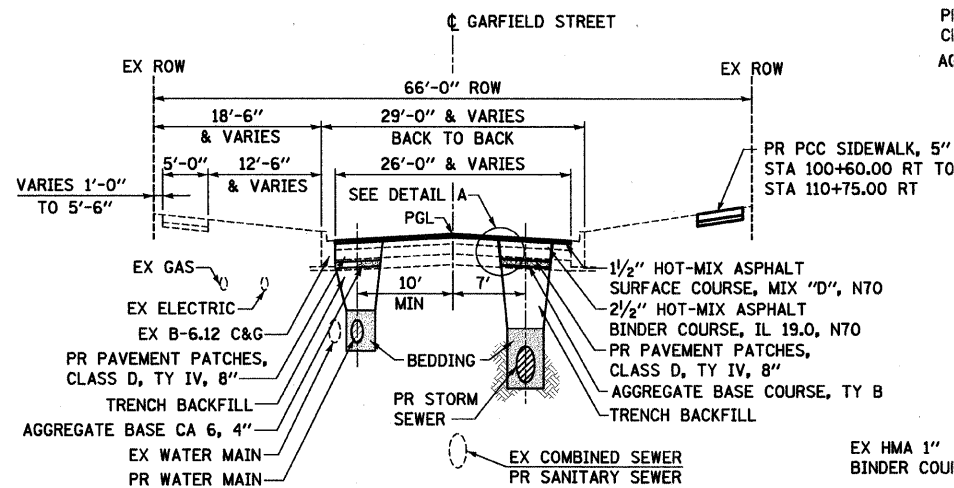
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63297	



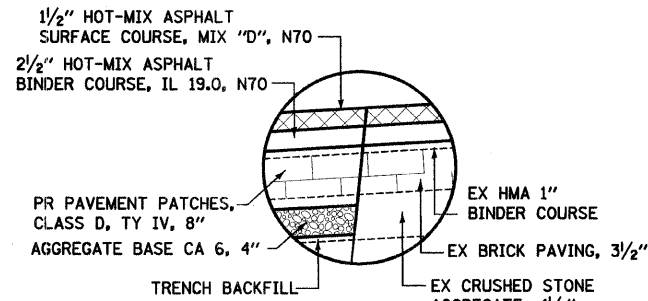
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STA 102+00.00 TO STA 145+06.00, GARFIELD STREET
(LOOKING NORTH)



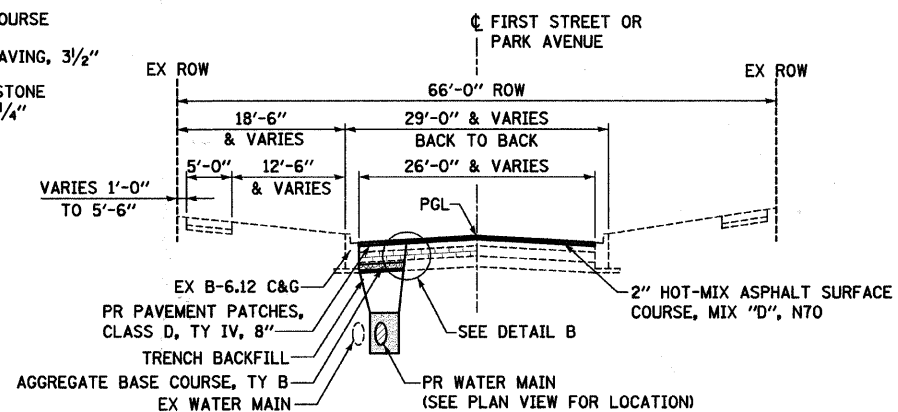
EXISTING TYPICAL SECTION
STA 200+00.00 TO STA 206+60.00, FIRST STREET
STA 300+00.00 TO STA 306+50.00, PARK AVENUE



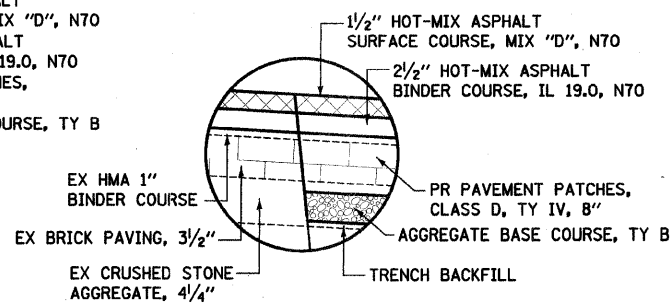
PROPOSED TYPICAL SECTION
STA 102+00.00 TO STA 145+06.00, GARFIELD STREET
(LOOKING NORTH)



DETAIL B



PROPOSED TYPICAL SECTION
STA 200+00.00 TO STA 206+60.00, FIRST STREET
STA 300+00.00 TO STA 306+50.00, PARK AVENUE



DETAIL A

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.10	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION

HOT-MIX ASPHALT REQUIREMENTS		
PAY ITEM DESCRIPTION	MIX TYPE	AIR VOIDS
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	IL 9.5 mm	4% @ 70 Gyr
LEVELING BINDER (MACHINE METHOD), N70	IL 9.5 mm	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	IL 9.5 mm	4% @ 70 Gyr
PATCHING		
CLASS D PATCH (HMA BINDER IL-19.0)	IL 9.5 mm	4% @ 70 Gyr
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	IL 9.5 mm	4% @ 50 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

• WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

PROJECT CONTACT: C. FREDERICK, P.E. 3/27/2009



USER NAME = sjohnson
PLOT SCALE = 1"=10'
PLOT DATE = 8/13/2009

DESIGNED -
DRAWN - SVJ
CHECKED - GT
DATE - 8/13/09

REVISED -
REVISED -
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REVISED -

**VILLAGE OF HINSDALE
DUPAGE COUNTY, ILLINOIS
GARFIELD STREET, FIRST STREET, & PARK AVENUE**

TYPICAL SECTIONS
SCALE: 1"=10' SHEET NO. 6 OF 65 SHEETS STA. TO STA.

F.A.U. RTE. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63277	

HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	
LOCATION	QUANTITY (SQ YD)
101+60 LT	2
102+65 LT	10
103+65 RT	3
105+50 RT	4
107+50 LT	3
115+50 RT	13
116+00 LT	3
118+45 RT	3
122+50 RT	3
132+40 LT	4
139+75 RT	5
141+00 RT	4
141+15 LT	2
142+10 RT	5
TOTAL	64

PATCHING WIDTH TABLE	
PIPE SIZE AND TYPE	MAXIMUM PATCH WIDTH (FT)
1 1/2" WATER SERVICE	5.20
4" PVC SDR 18 WATER MAIN	5.40
6" PVC SDR 18 WATER MAIN	5.55
8" PVC SDR 18 WATER MAIN	5.75
12" PVC SDR 18 WATER MAIN	6.10
12" RCP STORM SEWER	6.35
15" RCP STORM SEWER	6.65
18" RCP STORM SEWER	6.90
21" RCP STORM SEWER	7.20
24" RCP STORM SEWER	7.50
10" CLAY SANITARY SEWER	6.00
24" PVC SDR 26 SANITARY SEWER	7.15

PATCH WIDTHS FOR PROPOSED STRUCTURE INSTALLATION OR EXISTING STRUCTURE REMOVAL SHALL BE DETERMINED BY THE ENGINEER.

TREE TRUNK PROTECTION		
STATION	OFFSET	QUANTITY
100+55	LT	1
102+28	RT	1
102+39	LT	1
102+58	RT	1
103+00	RT	1
103+90	LT	1
103+88	RT	1
104+66	RT	1
105+05	RT	1
105+38	RT	1
105+77	RT	1
106+19	RT	1
107+15	RT	1
107+50	RT	1
107+90	RT	1
108+20	RT	1
108+58	RT	1
108+89	RT	1
109+24	RT	1
109+86	RT	1
110+69	RT	1
137+43	LT	1
141+31	RT	1
142+93	RT	1
143+46	RT	1
144+12	RT	1
144+21	LT	1
202+40	LT	1
204+52	RT	1
205+14	RT	1
303+01	LT	1
303+77	LT	1
305+72	LT	1
305+89	RT	1
306+91	RT	1

BENCHMARKS

SOURCE BENCHMARK 1:
3.5" BRASS DISK ON A VACANT CONCRETE BASE FOR A RAILROAD CROSSING SIGNAL LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND EAST HINSDALE ROAD, NORTH OF THE RAILROAD TRACKS - NGS MARKER 0139. ELEVATION: 688.82 (NAVD 88)

SOURCE BENCHMARK 2:
BRONZE DISK IN THE TOP OF A CONCRETE POST EXTENDING 0.25 FEET ABOVE THE GROUND SURFACE LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF CHICAGO AVENUE AND OAK STREET - NGS MARKER K 53. ELEVATION: 676.86 (NAVD 88)

SITE BENCHMARK 3:
EAST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND THIRD STREET. ELEVATION: 719.39 (NAVD 88)

SITE BENCHMARK 4:
EAST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND FOURTH STREET. ELEVATION: 718.56 (NAVD 88)

SITE BENCHMARK 5:
NORTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND FIFTH STREET. ELEVATION: 723.48 (NAVD 88)

SITE BENCHMARK 6:
BRONZE DISK INSCRIBED VILLAGE OF HINSDALE IN THE TOP OF A CONCRETE POST FLUSH WITH THE GROUND SURFACE LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND SIXTH STREET. ELEVATION: 719.42 (NAVD 88)

SITE BENCHMARK 7:
NORTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND ULM PLACE. ELEVATION: 722.20 (NAVD 88)

SITE BENCHMARK 8:
NORTHWEST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND SEVENTH STREET. ELEVATION: 728.68 (NAVD 88)


SITE BENCHMARK 9:
NORTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND EIGHTH STREET. ELEVATION: 726.44 (NAVD 88)

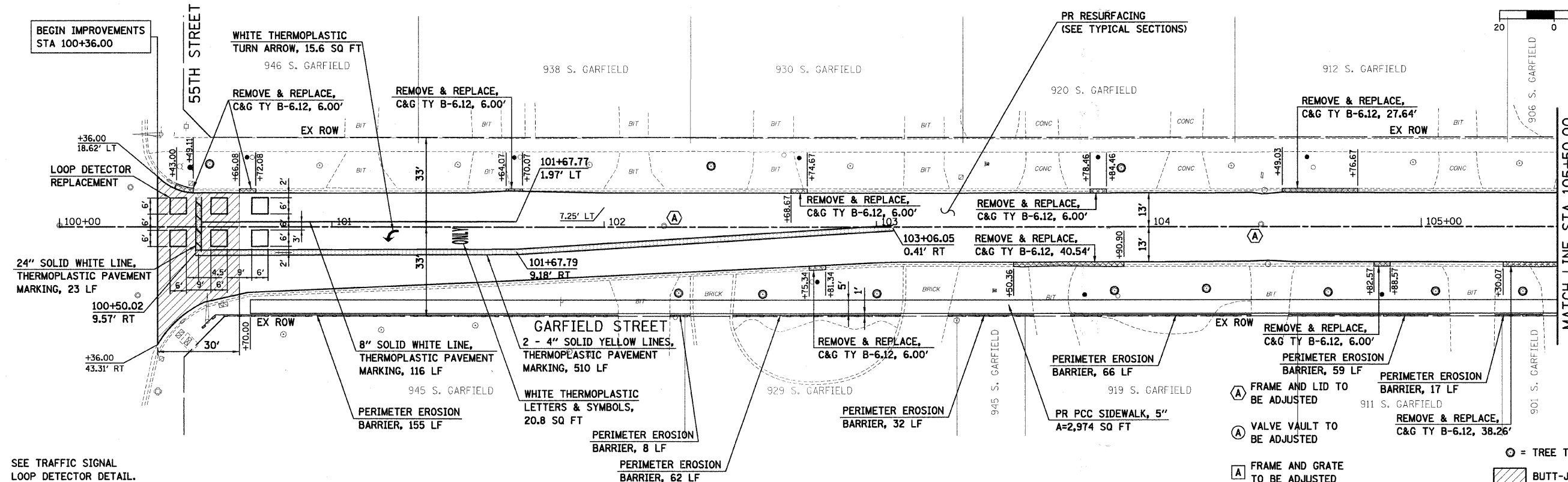
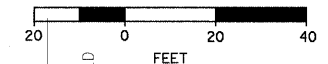
SITE BENCHMARK 10:
SOUTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND NINTH STREET. ELEVATION: 718.27 (NAVD 88)

SITE BENCHMARK 11:
CHISELLED 'X' ON NORTH EDGE OF MANHOLE RIM LOCATED AT THE CENTER OF THE INTERSECTION OF GARFIELD AVENUE AND 55TH STREET. ELEVATION: 716.59 (NAVD 88)

SANITARY MANHOLE REHABILITATION REQUIREMENTS						
MANHOLE NUMBER	DIAMETER (IN.)	RIM	INVERT	DEPTH (FT.)	INTERIOR REHABILITATION (CEMENTITIOUS LINING)	SANITARY MANHOLE TO BE ADJUSTED
H1474	FIELD VERIFY	716.30	706.12	10.18	X	X
H1476	FIELD VERIFY	717.36	706.96	10.40	X	X
H76	FIELD VERIFY	722.89	713.64	9.25	X	X
H74	FIELD VERIFY	724.61	713.61	11.00	X	X
H72	FIELD VERIFY	722.83	714.17	8.66	X	X
H70	FIELD VERIFY	720.74	713.72	7.02	X	X
H68	FIELD VERIFY	725.26	713.16	12.10	X	X
H66	FIELD VERIFY	726.87	713.24	13.63	X	X
H64	FIELD VERIFY	725.85	712.75	13.10	X	X
H62	FIELD VERIFY	721.04	711.84	9.20	X	X
H61	FIELD VERIFY	720.85	711.76	9.09	X	X
H60	FIELD VERIFY	719.34	711.64	7.70	X	X
H58	FIELD VERIFY	718.93	711.08	7.85	X	X
H56	FIELD VERIFY	717.38	710.83	6.55	X	X
H54	FIELD VERIFY	719.64	710.64	9.00	X	X
H42	FIELD VERIFY	711.23	704.73	6.50	X	X
H40	FIELD VERIFY	711.50	704.05	7.45	X	X
H110	FIELD VERIFY	716.29	708.49	7.80	X	X

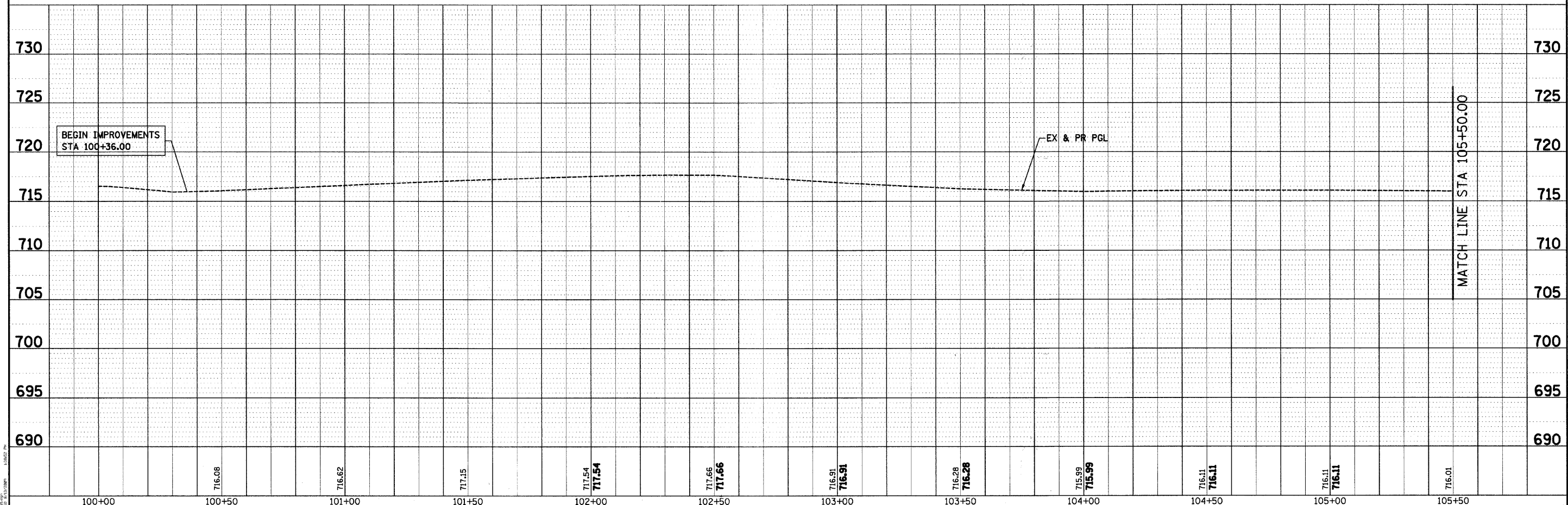
PROJECT CONTACT: C. FREEDMAN, P.E. 1/13/09 10:52 AM

 SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroup.com	USER NAME = sjohnson PLOT SCALE = NONE PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	SCHEDULE OF QUANTITIES & BENCHMARKS SCALE: NONE SHEET NO. 7 OF 65 SHEETS STA. TO STA.	F.A.U. RTE. 267B SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 7 CONTRACT NO. 63297 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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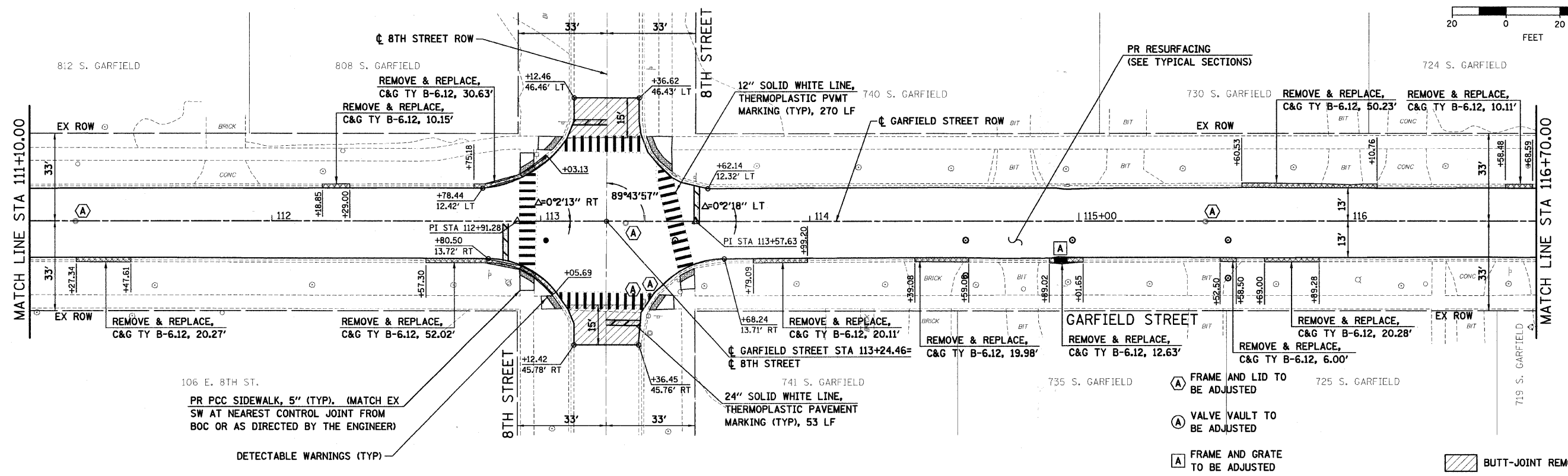
SEE TRAFFIC SIGNAL LOOP DETECTOR DETAIL.

- (A) FRAME AND LID TO BE ADJUSTED
- (A) VALVE VAULT TO BE ADJUSTED
- (A) FRAME AND GRATE TO BE ADJUSTED
- ⊙ = TREE TRUNK PROTECTION
- ▨ BUTT-JOINT REMOVAL AREA



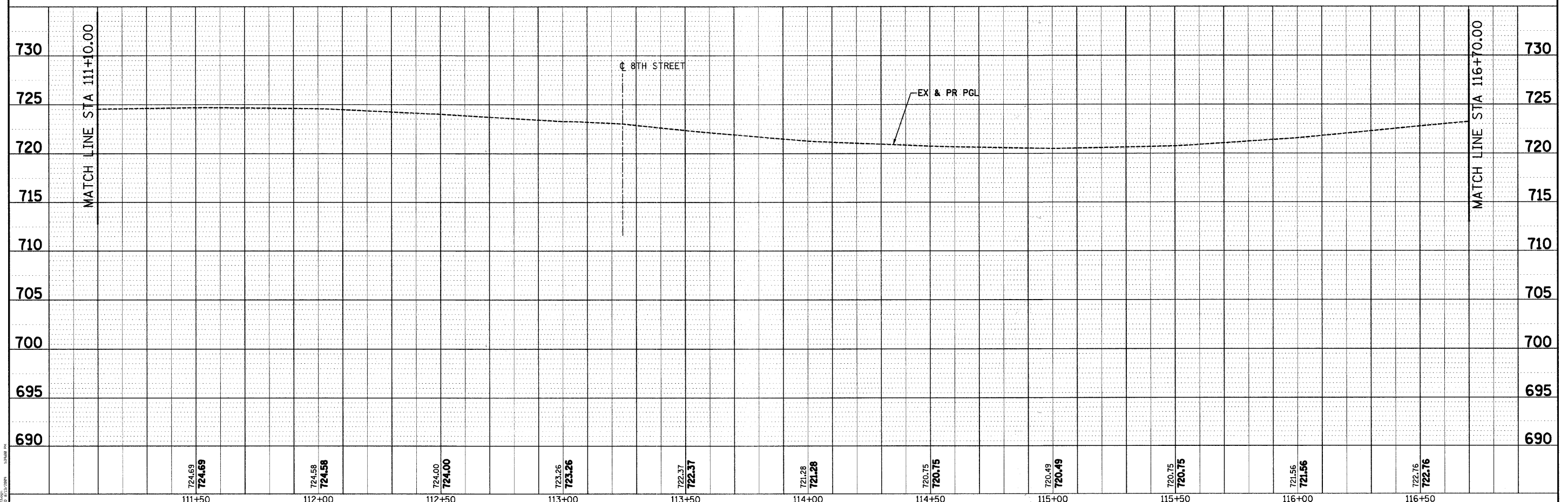
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	NOTES CHECKED	
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	CADD FILE NAME	
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111+50	724.69 724.69	112+00	724.58 724.58	112+50	724.00 724.00	113+00	723.26 723.26	113+50	722.37 722.37	114+00	721.28 721.28	114+50	720.75 720.75	115+00	720.49 720.49	115+50	720.75 720.75	116+00	721.56 721.56	116+50	722.76 722.76
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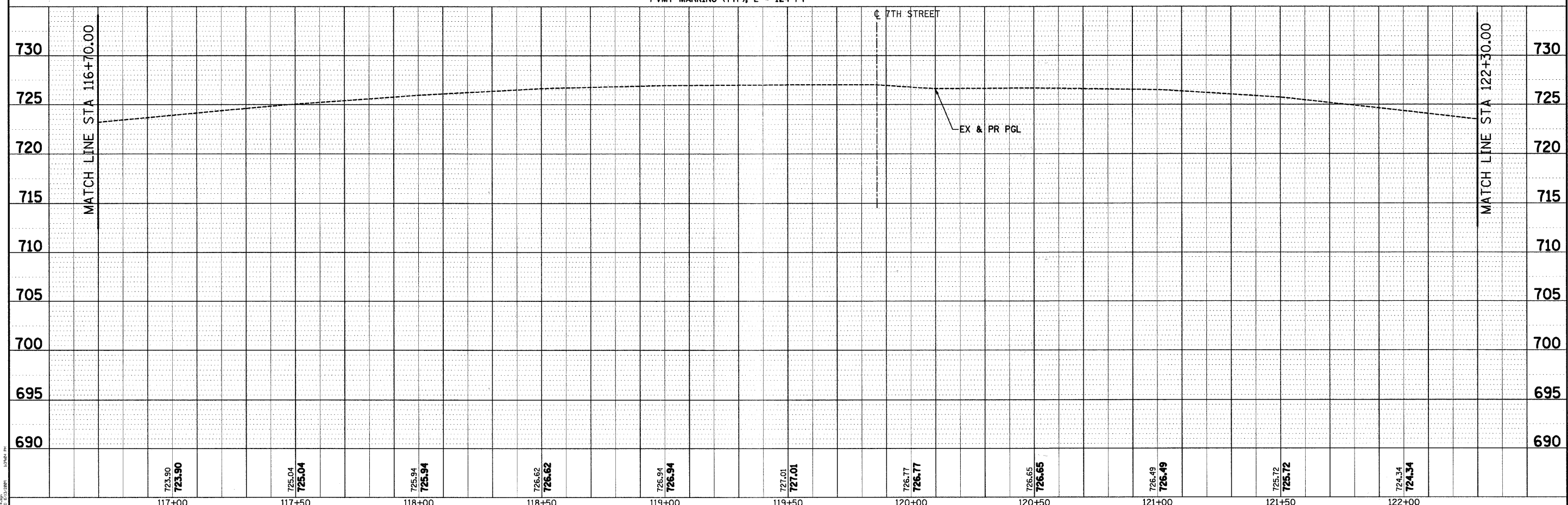
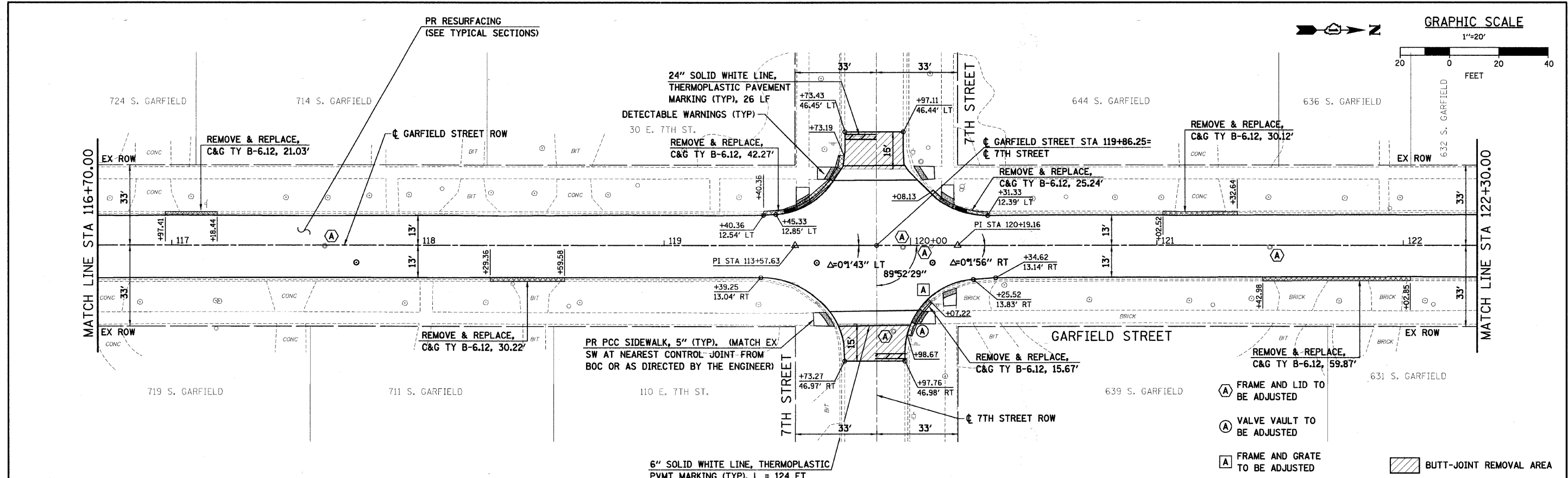
VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE

GARFIELD STREET
 ROADWAY PLAN AND PROFILE
 SCALE: 1"=20' SHEET NO. 10 OF 65 SHEETS STA. 111+10.00 TO STA. 116+70.00

F.A.U. RTE. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63277	

PLAN	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	RECHECKED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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117+00	117+50	118+00	118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00

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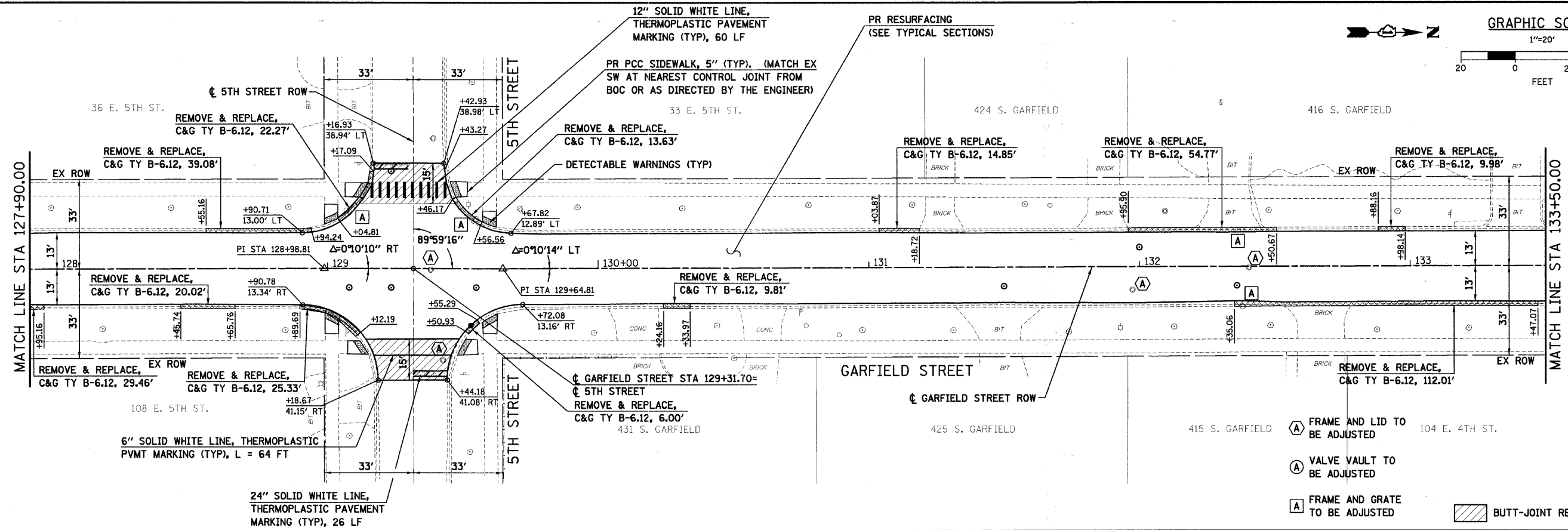
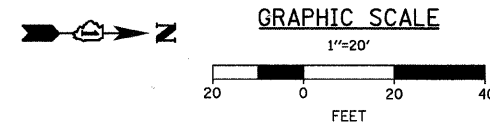
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DRAWN - SVJ	CHECKED - GT	DATE - 8/13/09

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

**GARFIELD STREET
 ROADWAY PLAN AND PROFILE**

SCALE: 1"=20' SHEET NO. 11 OF 65 SHEETS STA. 116+70.00 TO STA. 122+30.00

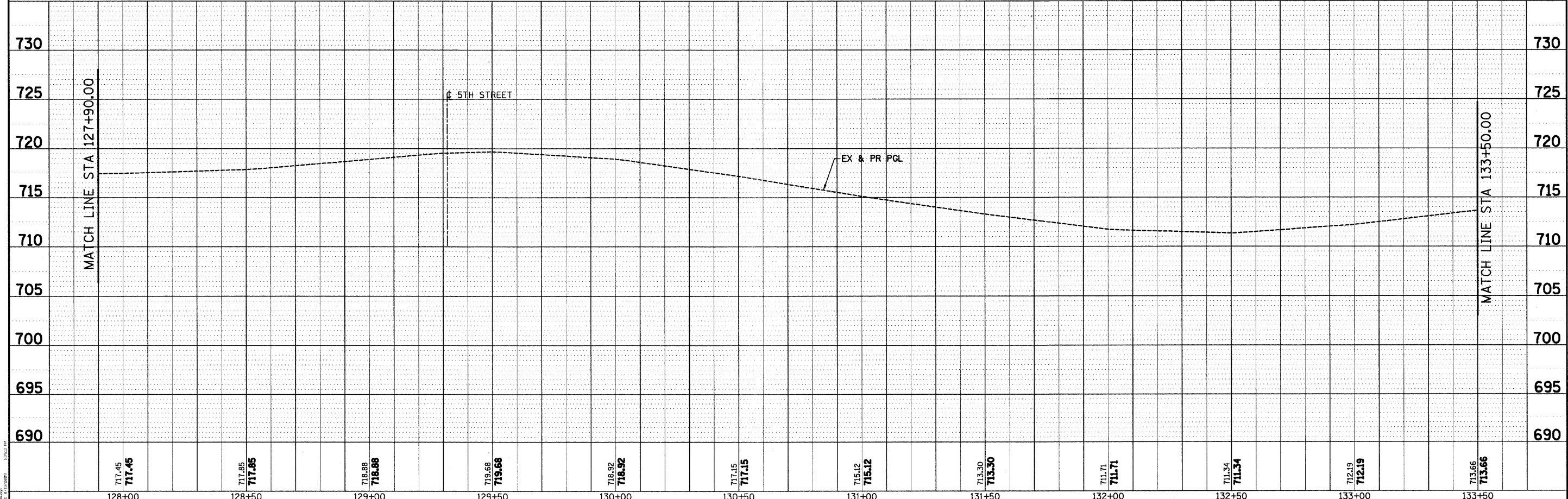
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63297	



- A FRAME AND LID TO BE ADJUSTED
- A VALVE VAULT TO BE ADJUSTED
- A FRAME AND GRATE TO BE ADJUSTED
- BUTT-JOINT REMOVAL AREA

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717.45 717.45	717.85 717.85	718.88 718.88	719.68 719.68	718.92 718.92	717.15 717.15	715.12 715.12	713.30 713.30	711.71 711.71	713.34 713.34	712.19 712.19	713.66 713.66
128+00	128+50	129+00	129+50	130+00	130+50	131+00	131+50	132+00	132+50	133+00	133+50

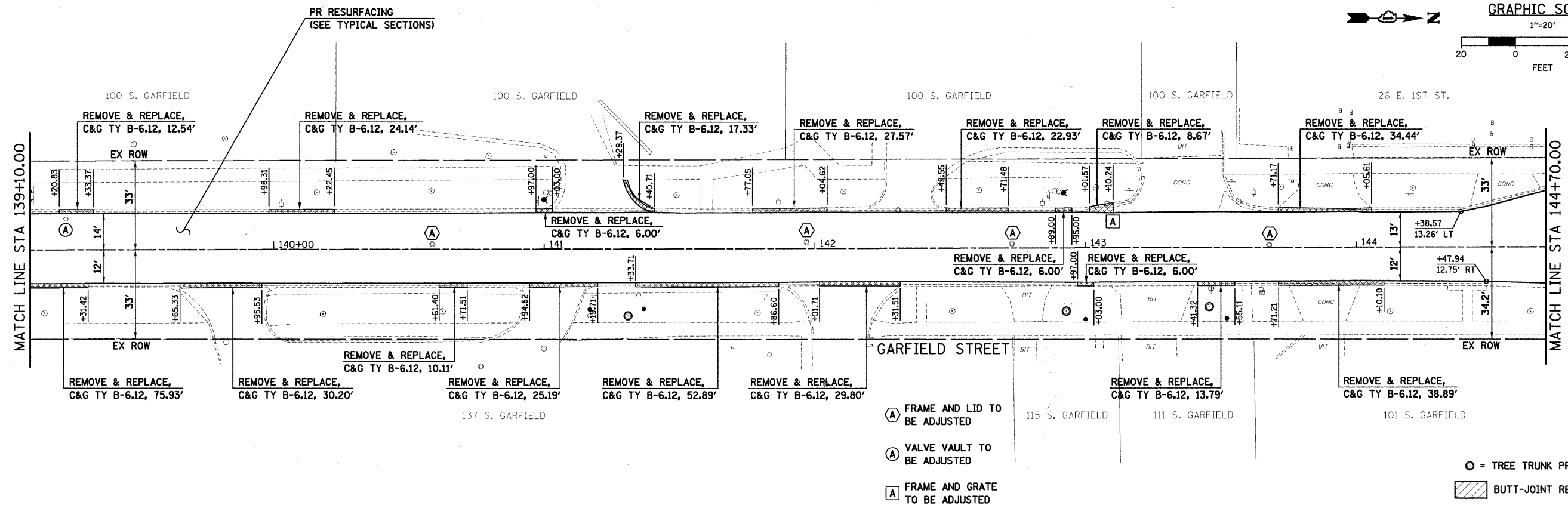
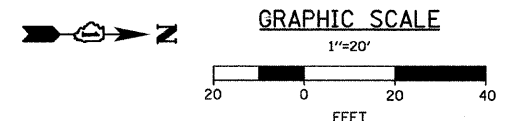
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USER NAME = ejohnson	DESIGNED -	REVISED -
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	DATE - 8/13/09	REVISED -

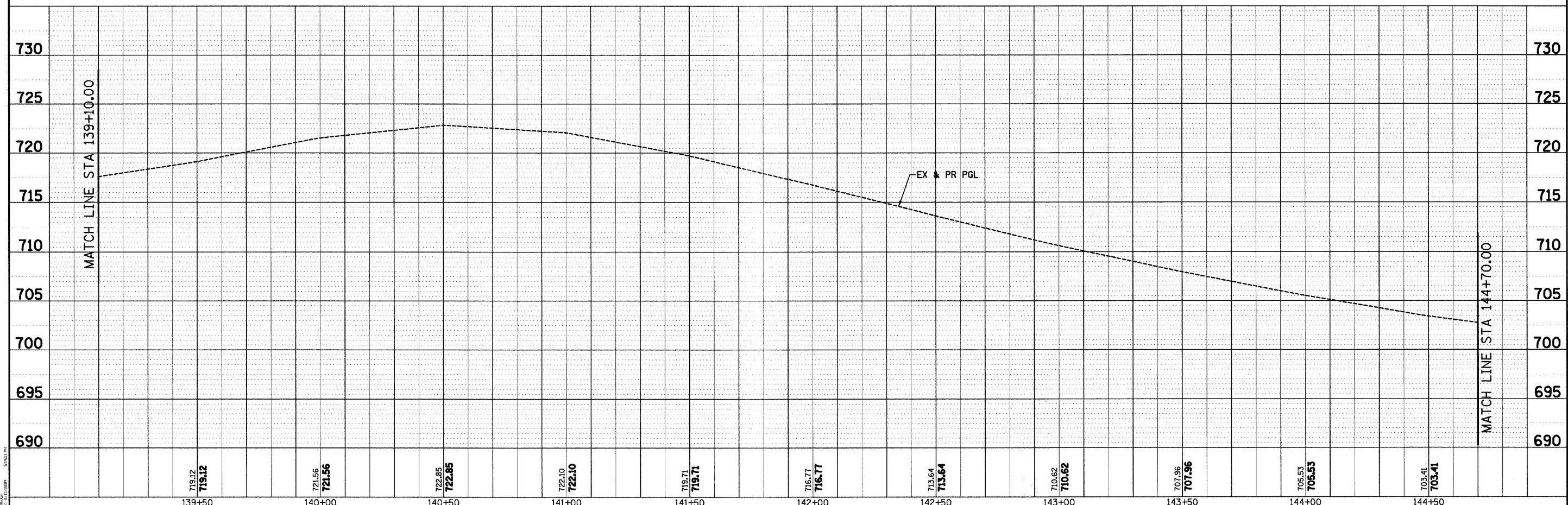
VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE

GARFIELD STREET
 ROADWAY PLAN AND PROFILE
 SCALE: 1"=20' SHEET NO. 13 OF 65 SHEETS STA. 127+90.00 TO STA. 133+50.00

F.A.U. R.T.E. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 13
CONTRACT NO. 632.97			ILLINOIS FED. AID PROJECT	



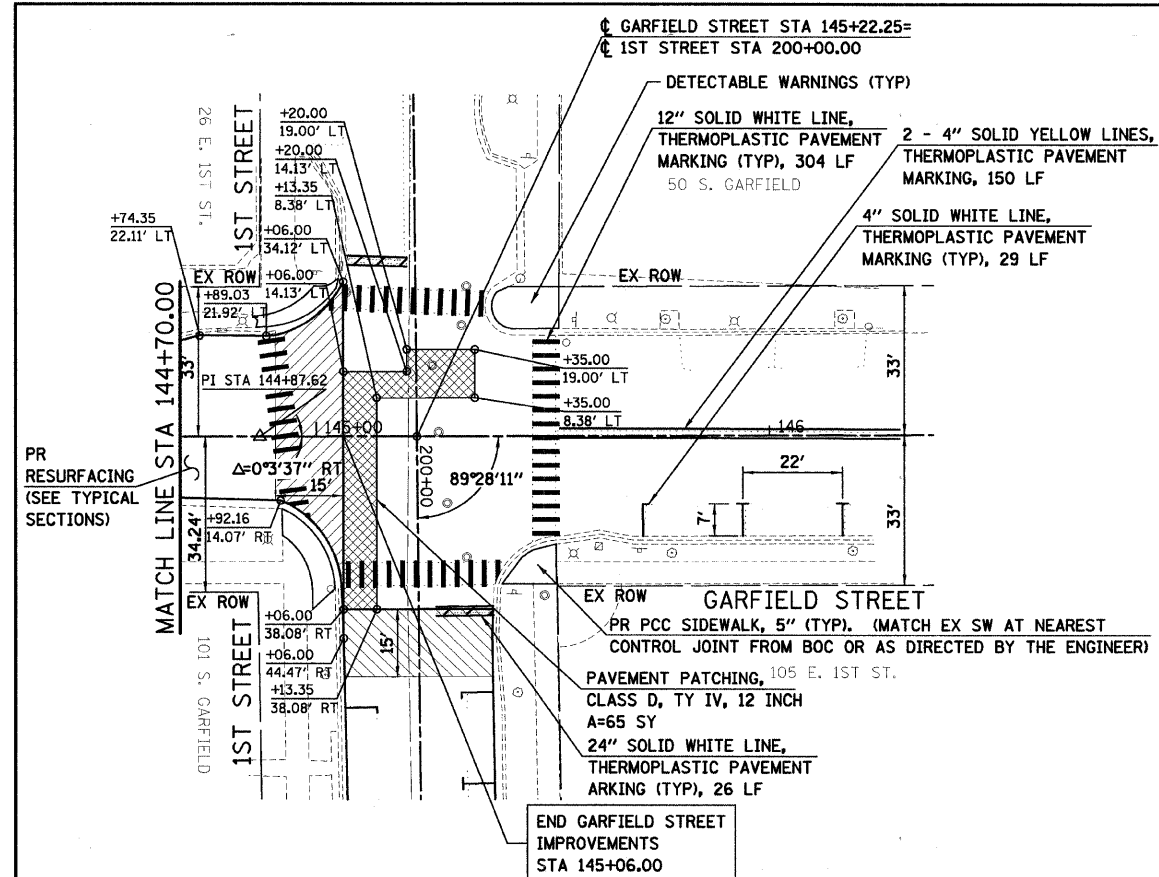
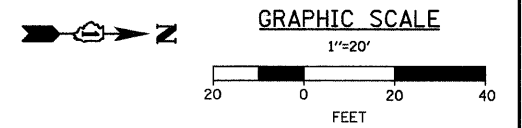
- (A) FRAME AND LID TO BE ADJUSTED
- (A) VALVE VAULT TO BE ADJUSTED
- (A) FRAME AND GRATE TO BE ADJUSTED
- ⊙ = TREE TRUNK PROTECTION
- ▨ BUTT-JOINT REMOVAL AREA



PLAN	REVISIONS	DATE
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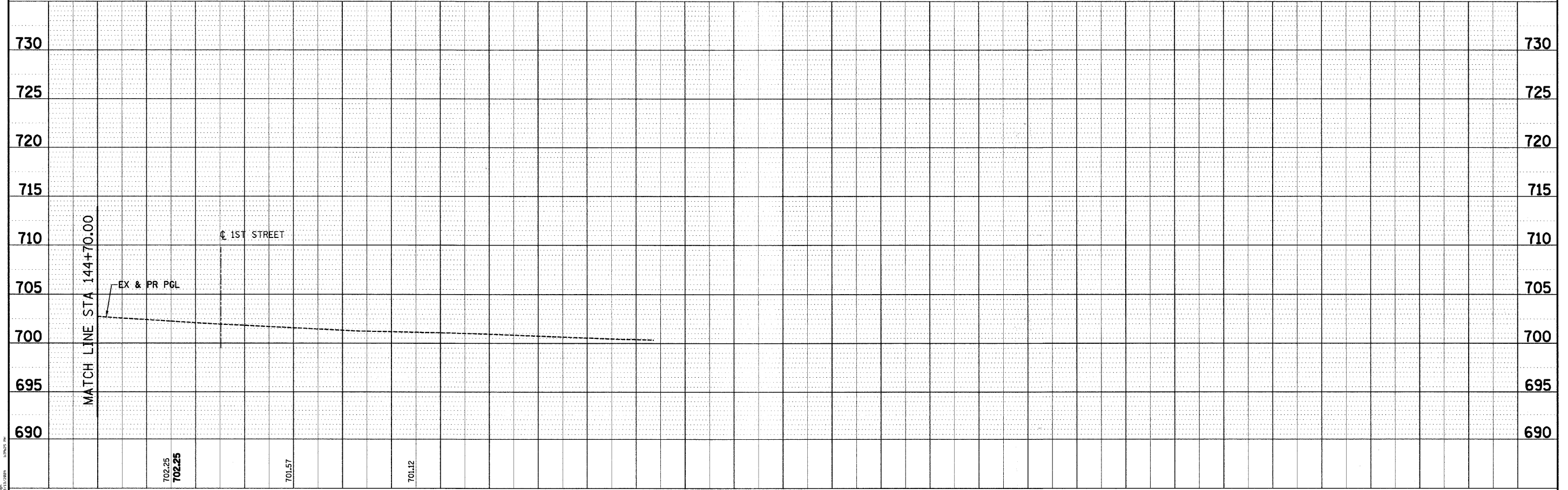
PROFILE	REVISIONS	DATE
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NO.	BY	

<p>SEC Group, Inc. Engineering Planning Landscape Architecture Michigan • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = sjohnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET ROADWAY PLAN AND PROFILE	F.A.U. R.T.E. 267B SECTION NO. 08-00086-00-RS COUNTY DUPAGE ILLINOIS FED. AID PROJECT	TOTAL SHEETS 65 SHEET NO. 15 CONTRACT NO. 63297
	SCALE: 1"=20' SHEET NO. 15 OF 65 SHEETS STA. 139+10.00 TO STA. 144+70.00						



PLAN	DATE
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NO. 1	
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NO. 3	
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NO. 9	
NO. 10	

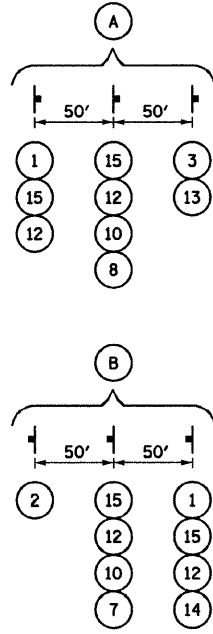
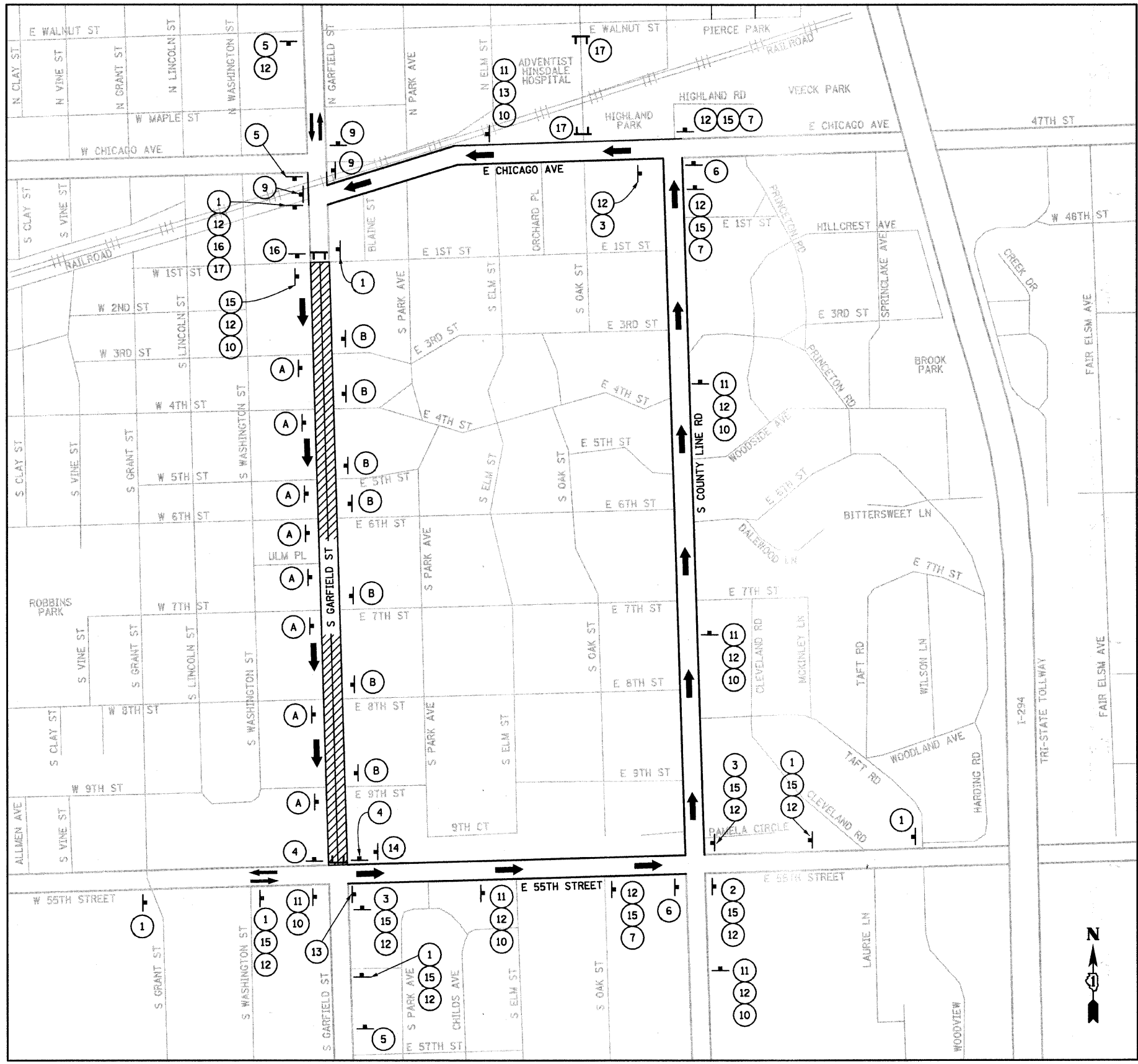
PROFILE	DATE
BY	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



SEE UTILITY PLANS FOR FIRST STREET AND PARK AVENUE PAVEMENT MARKING.

BUTT-JOINT REMOVAL AREA

<p>SEC Group, Inc. Engineering Planning Architecture 1111 North Dearborn Street, Suite 1000 Chicago, IL 60610 www.secgroup.com</p>	USER NAME = sjohnson DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET ROADWAY PLAN AND PROFILE	F.A.U. RTE. 2678 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 16 CONTRACT NO. 632979	SCALE: 1"=20' SHEET NO. 16 OF 65 SHEETS STA. 144+70.00 TO STA. 146+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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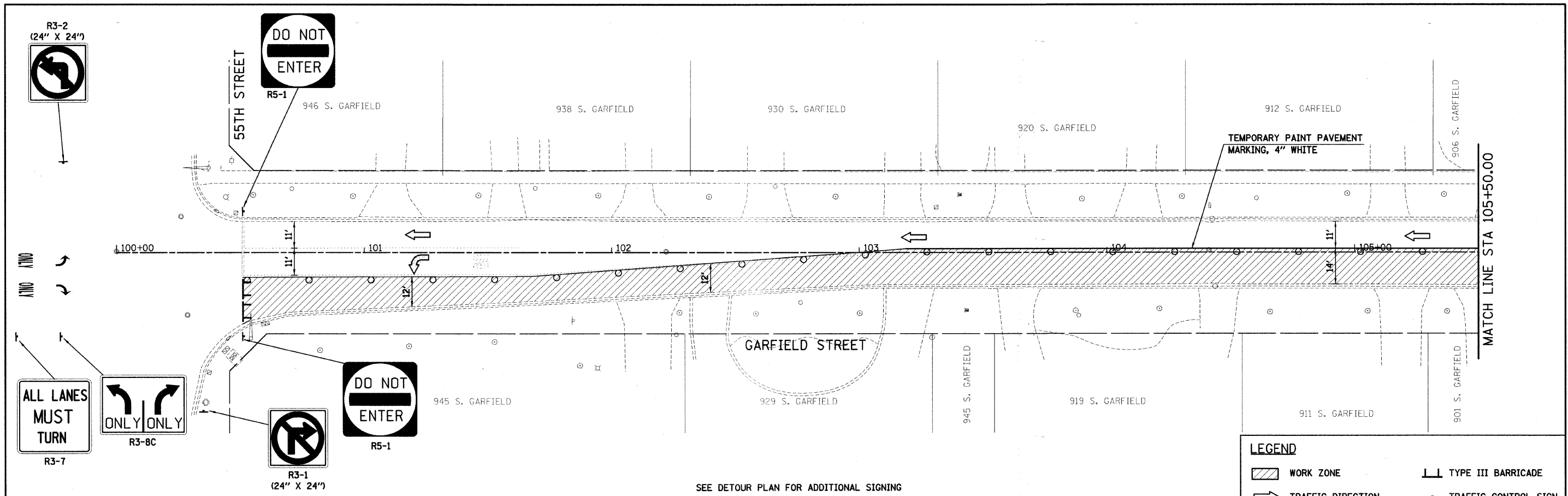


DETOUR SIGN ASSEMBLY LEGEND

1		10	
2		11	
3		12	
4		13	
5		14	
6		15	
7		16	
8		17	
9			

- LEGEND**
- TYPE III BARRICADE WITH STEADY BURN LIGHTS (NECESSARY NO. OF BARRICADES TO BE PROVIDED AS NEEDED FOR PROPER CLOSURE)
 - SIGN
 - TRAFFIC DIRECTION

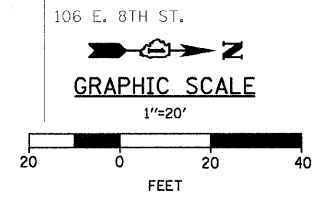
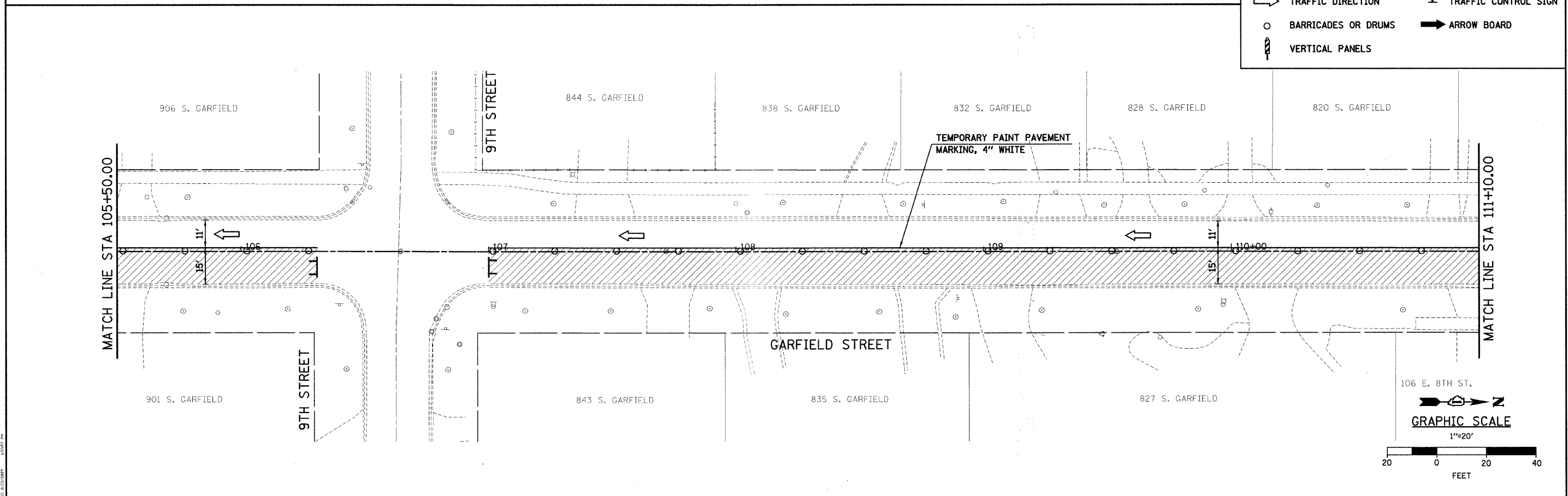
- NORTHBOUND DETOUR NOTES**
1. SEE IDOT STANDARD 701901 FOR TRAFFIC CONTROL DEVICES.
 2. SEE IDOT STANDARD 701501-04 FOR LANE CLOSURES.
 3. CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL SIDE ROAD INTERSECTIONS.
 4. ALL PAVEMENT MARKINGS REMOVED FOR CONSTRUCTION STAGING SHALL BE REPLACED.
 5. SIGN LOCATIONS SHOWN ON THE SUGGESTED THROUGH TRAFFIC DETOUR PLAN ARE APPROXIMATE AND SUBJECT TO MODIFICATION AT THE TIME OF CONSTRUCTION.
 6. SEE IDOT STANDARD 701801-03 FOR SIDEWALK CLOSURES.
 7. ALL SIGNING AND BARRIERS SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR.



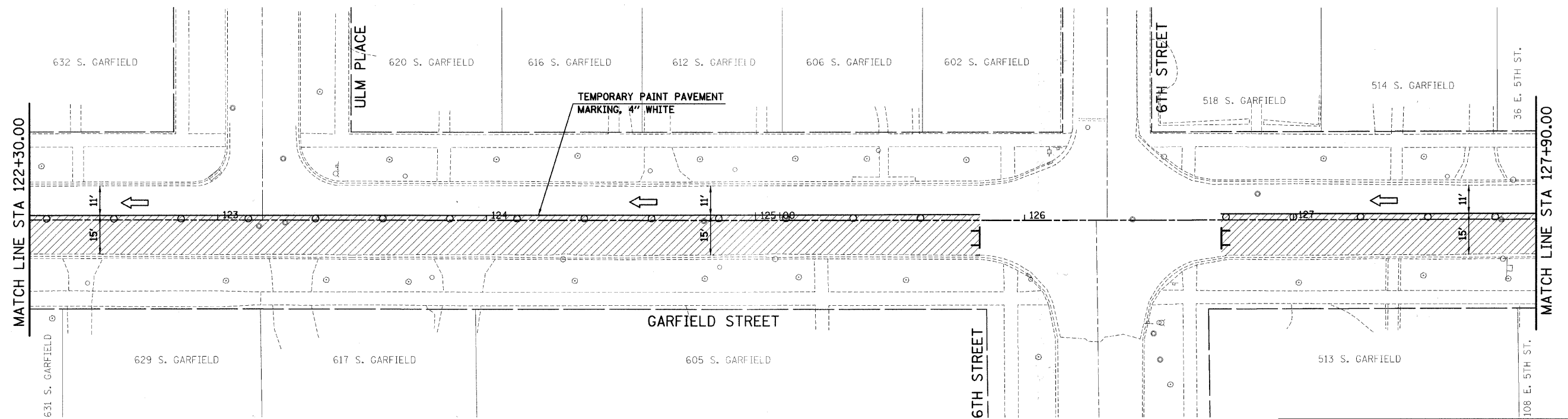
SEE DETOUR PLAN FOR ADDITIONAL SIGNING

LEGEND

WORK ZONE	TYPE III BARRICADE
TRAFFIC DIRECTION	TRAFFIC CONTROL SIGN
BARRICADES OR DRUMS	ARROW BOARD
VERTICAL PANELS	

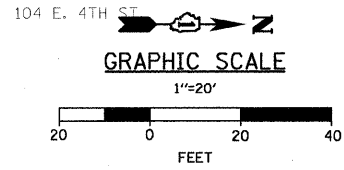
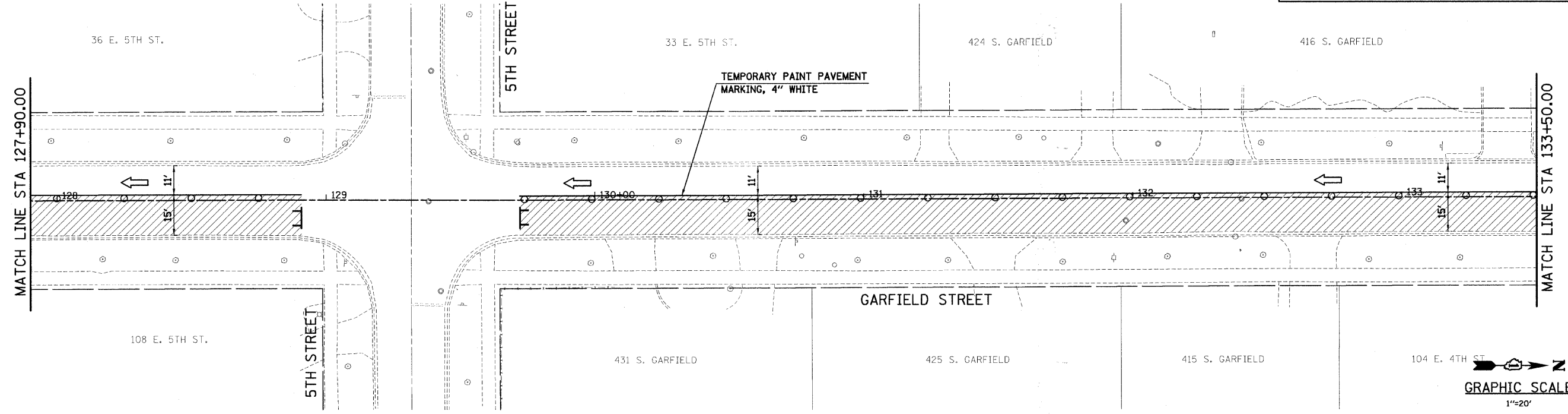


<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = sjohnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	<p align="center">VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE</p>	<p align="center">GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE I</p>	SCALE: 1"=20' SHEET NO. 19 OF 65 SHEETS STA. 100+00.00 TO STA. 111+10.00	F.A.U. RTE. 267 SECTION NO. 08-00086-00-RS COUNTY DUPAGE ILLINOIS FED. AID PROJECT	TOTAL SHEETS 65 SHEET NO. 19 CONTRACT NO. 63297
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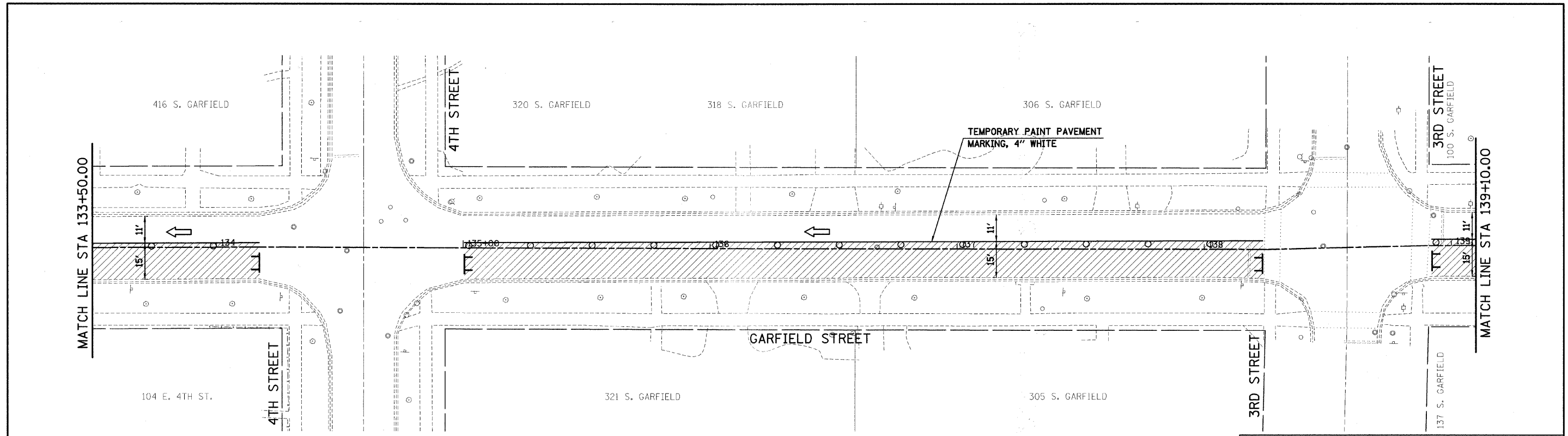
LEGEND

WORK ZONE	TYPE III BARRICADE
TRAFFIC DIRECTION	TRAFFIC CONTROL SIGN
BARRICADES OR DRUMS	ARROW BOARD
VERTICAL PANELS	



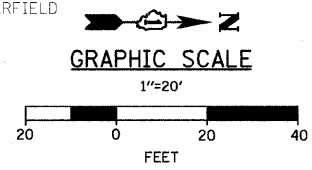
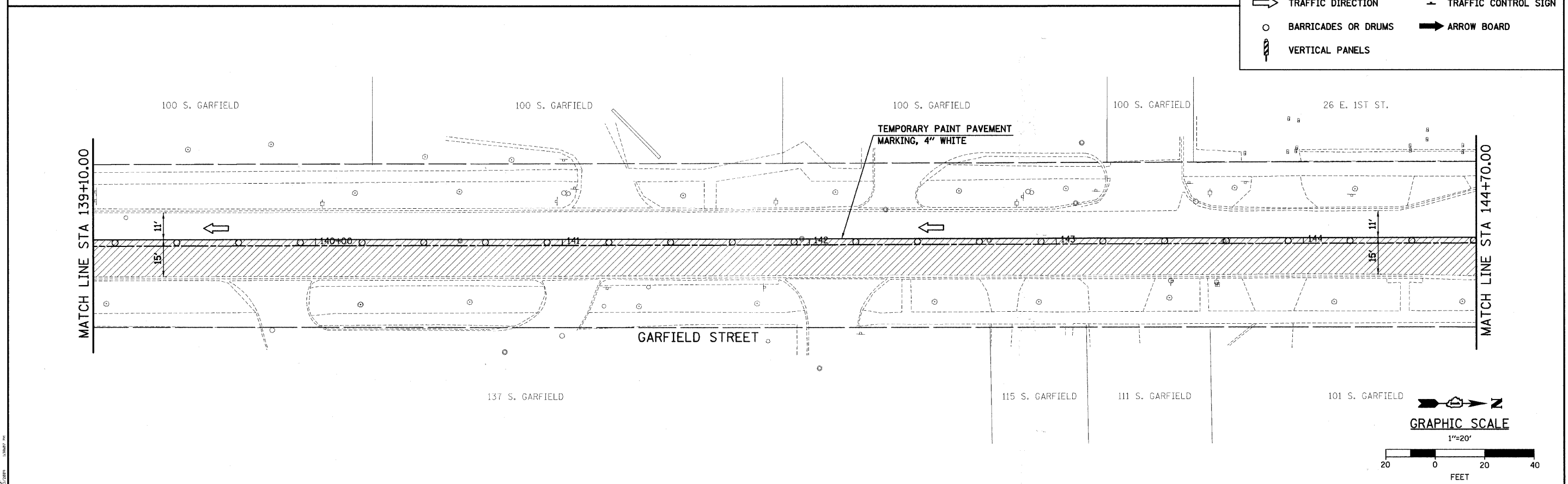
PROJECT CONTRACT: G. FREDERICK, P.E. L00861-100

<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Naperville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = ejohnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE		SCALE: 1"=20' SHEET NO. 21 OF 65 SHEETS STA. 122+30.00 TO STA. 133+50.00	GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE I		F.A.V. RTE. 267# SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 21 CONTRACT NO. 63297	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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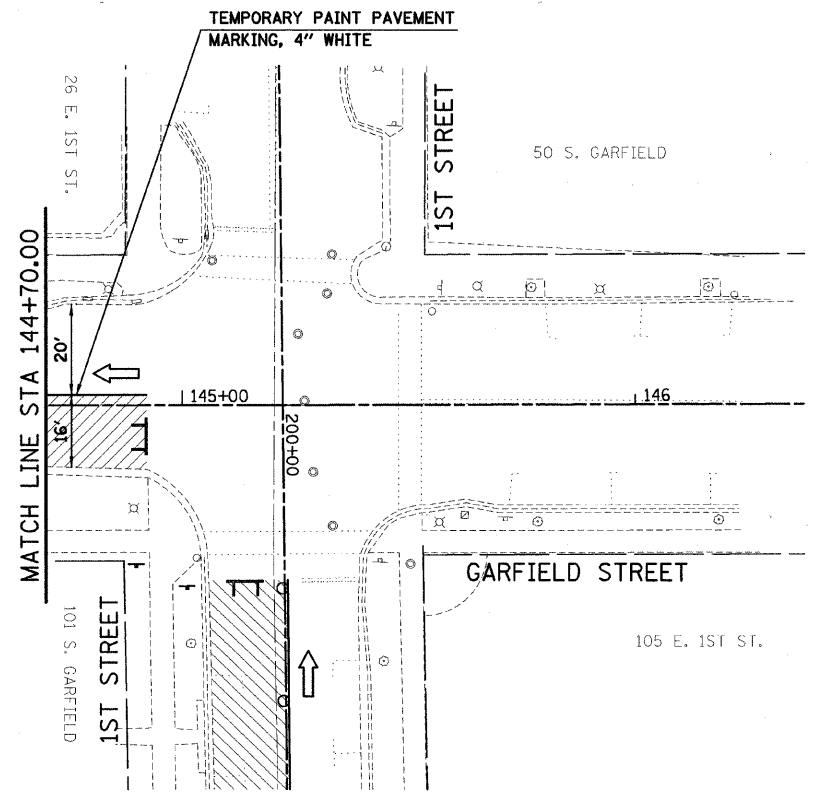


LEGEND

WORK ZONE	TYPE III BARRICADE
TRAFFIC DIRECTION	TRAFFIC CONTROL SIGN
BARRICADES OR DRUMS	ARROW BOARD
VERTICAL PANELS	

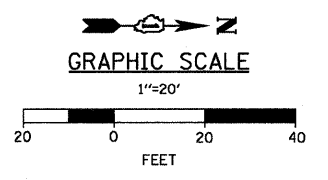


<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = sjohnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	<p align="center">VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE</p>	<p align="center">GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE I</p>	SCALE: 1"=20' SHEET NO. 22 OF 65 SHEETS STA. 133+50.00 TO STA. 144+70.00	<table border="1"> <tr> <th>F.A.U. RTE.</th> <th>SECTION NO.</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>2670</td> <td>08-00086-00-RS</td> <td>DUPAGE</td> <td>65</td> <td>22</td> </tr> <tr> <td colspan="5">CONTRACT NO. 63297</td> </tr> </table>	F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.	2670	08-00086-00-RS	DUPAGE	65	22	CONTRACT NO. 63297				
	F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.																	
2670	08-00086-00-RS	DUPAGE	65	22																		
CONTRACT NO. 63297																						
PROJECT: DUPAGE COUNTY, ILLINOIS, I-55/2670 SHEET NO. 22 OF 65 SHEETS					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT																	



LEGEND

- WORK ZONE
- TRAFFIC DIRECTION
- BARRICADES OR DRUMS
- VERTICAL PANELS
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN
- ARROW BOARD



PROJECT: CONTRACT 08-00086-RS, ILLINOIS FED. AID PROJECT
 SHEET NO. 23 OF 65 SHEETS
 DATE: 8/13/09

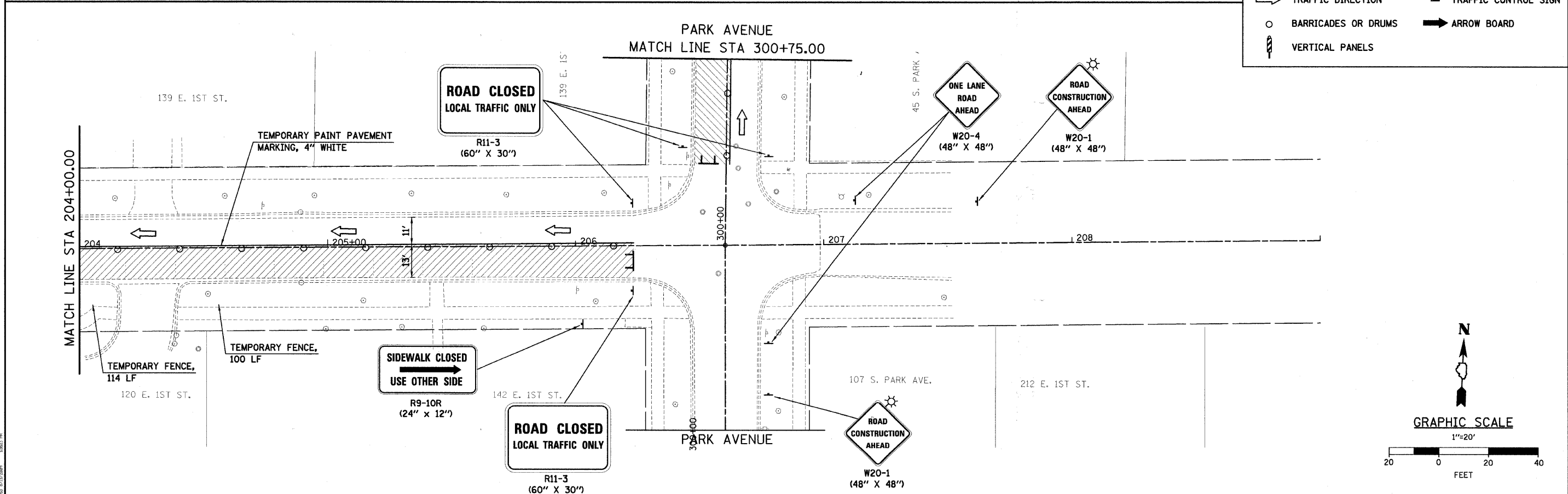
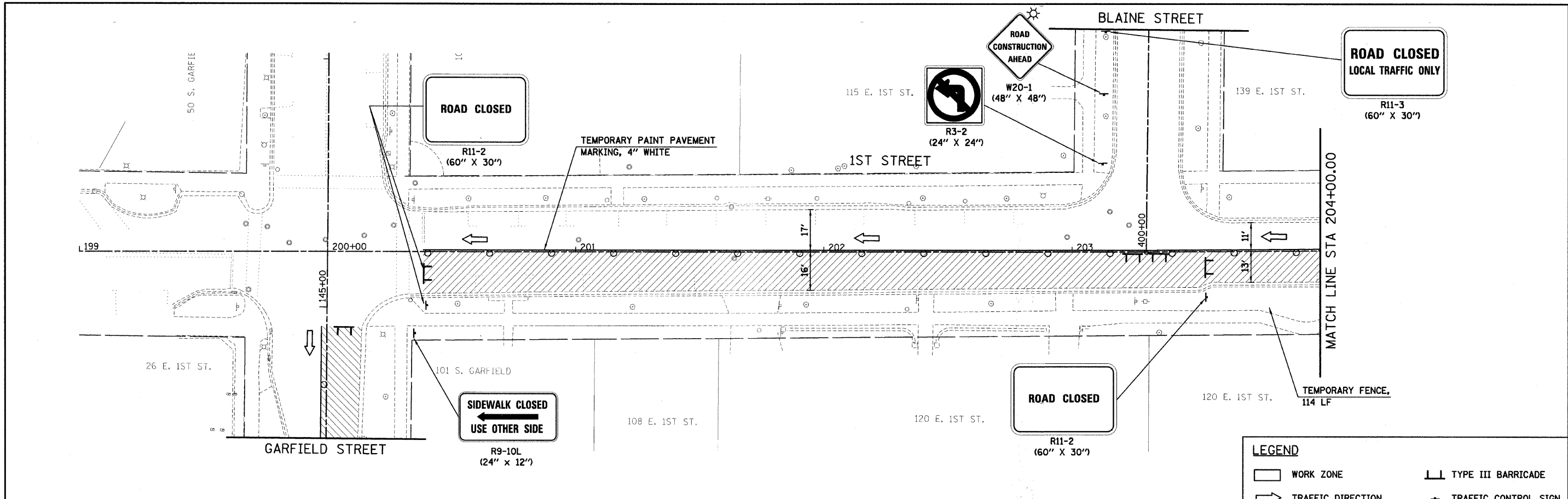
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 www.secgroupinc.com

USER NAME = sjohnson	DESIGNED -	REVISED -
PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

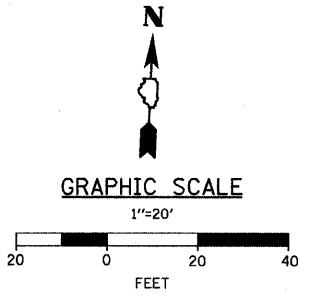
**GARFIELD STREET
 SUGGESTED MAINTENANCE OF TRAFFIC
 STAGE I**
 SCALE: 1"=20' SHEET NO. 23 OF 65 SHEETS STA. 144+70.00 TO STA. 146+00.00

F.A.U. RTE. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63297	

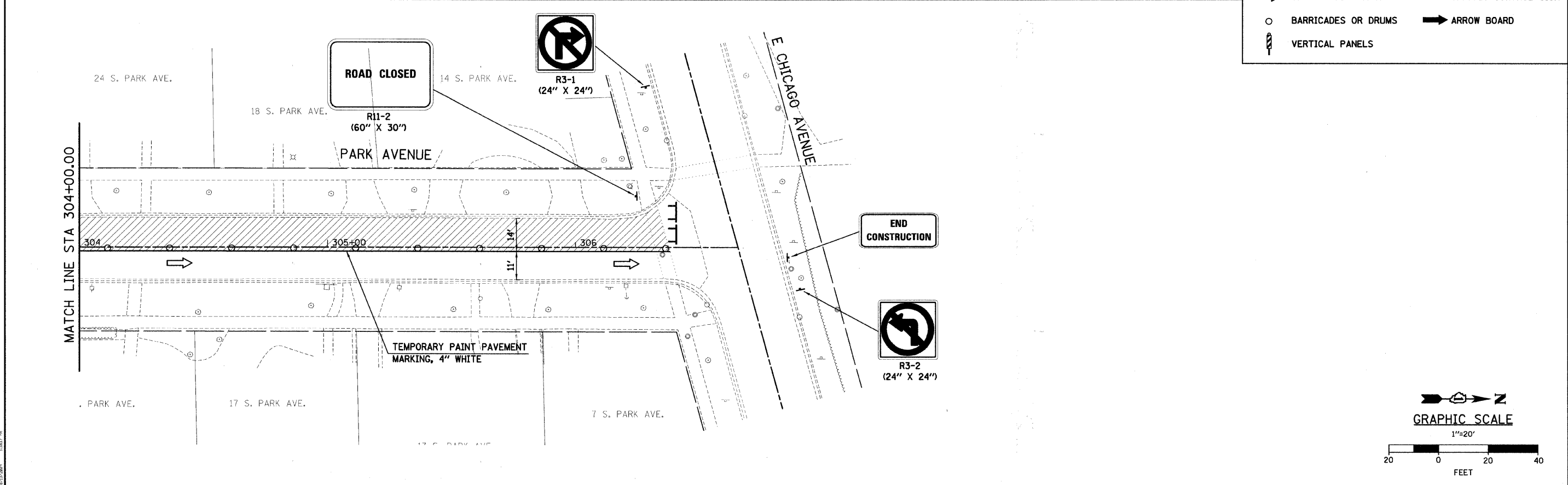
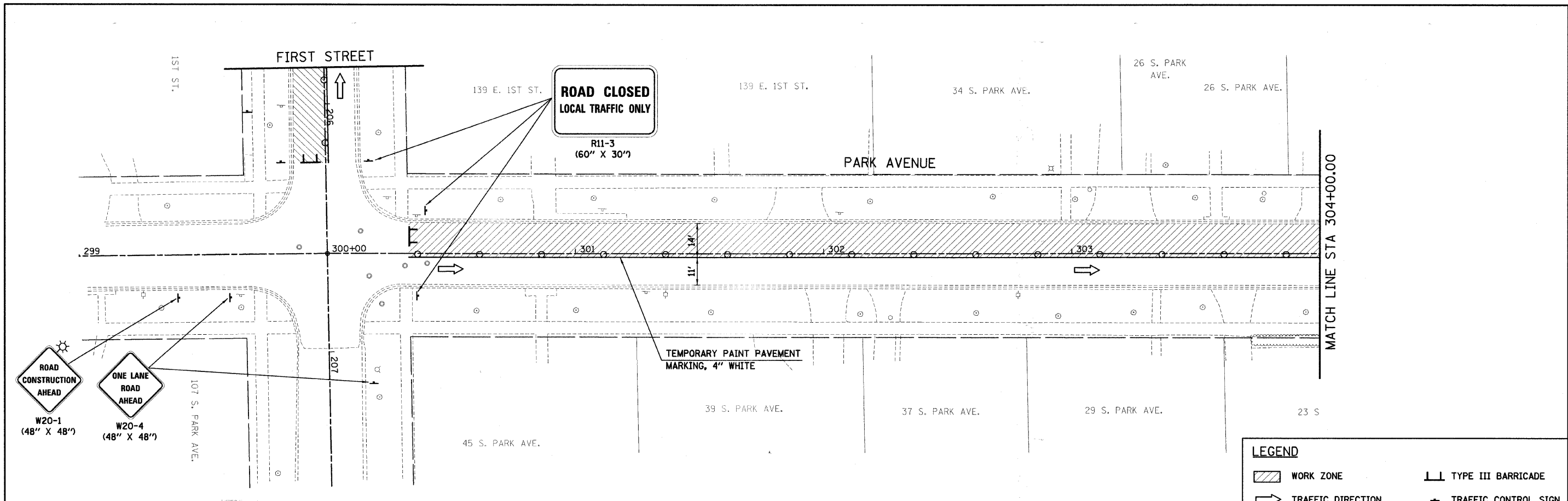


LEGEND

WORK ZONE	TYPE III BARRICADE
TRAFFIC DIRECTION	TRAFFIC CONTROL SIGN
BARRICADES OR DRUMS	ARROW BOARD
VERTICAL PANELS	

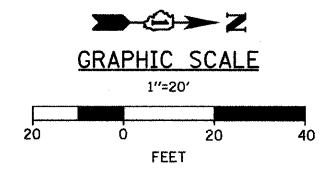


<p>SEC Group, Inc. Illinois Professional Design Firm # 184-000181 Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroup.com</p>	USER NAME = sjohnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	<p align="center">VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE</p>	<p align="center">FIRST STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE I</p>	F.A.D. RTE. #678 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 24 CONTRACT NO. 632977	SCALE: 1"=20' SHEET NO. 24 OF 65 SHEETS STA. 200+00.00 TO STA. 206+60.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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LEGEND

WORK ZONE	TYPE III BARRICADE
TRAFFIC DIRECTION	TRAFFIC CONTROL SIGN
BARRICADES OR DRUMS	ARROW BOARD
VERTICAL PANELS	



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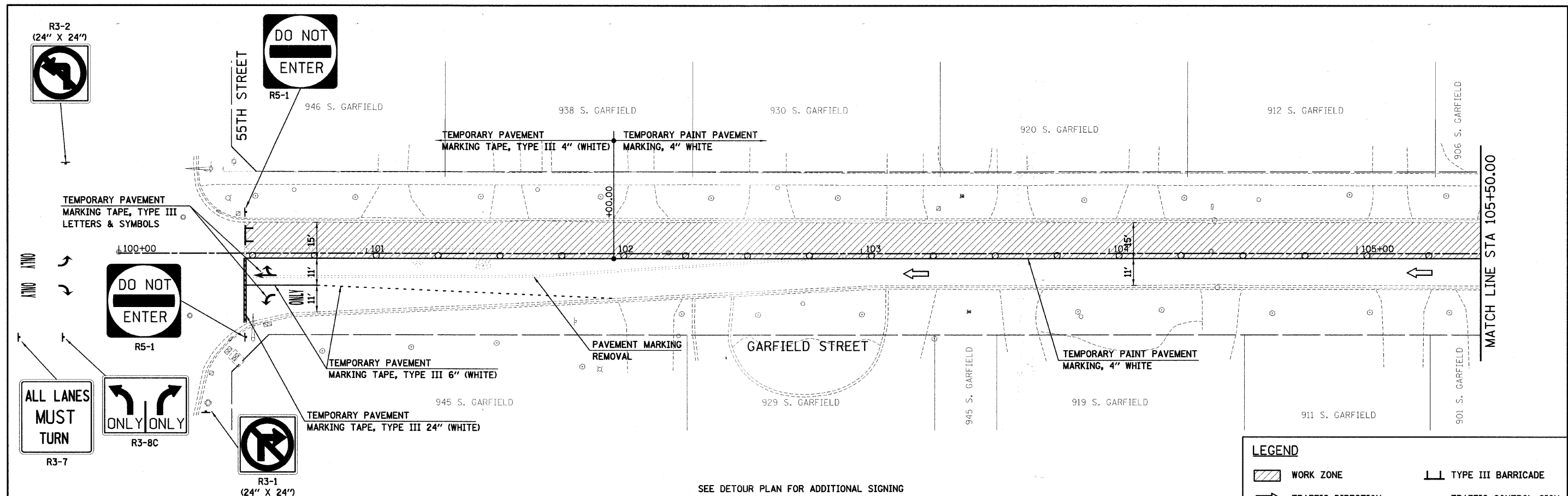
USER NAME = s.johnson	DESIGNED -	REVISED -
PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

**PARK AVENUE
 SUGGESTED MAINTENANCE OF TRAFFIC
 STAGE I**

SCALE: 1"=20' SHEET NO. 25 OF 65 SHEETS STA. 300+00.00 TO STA. 306+50.00

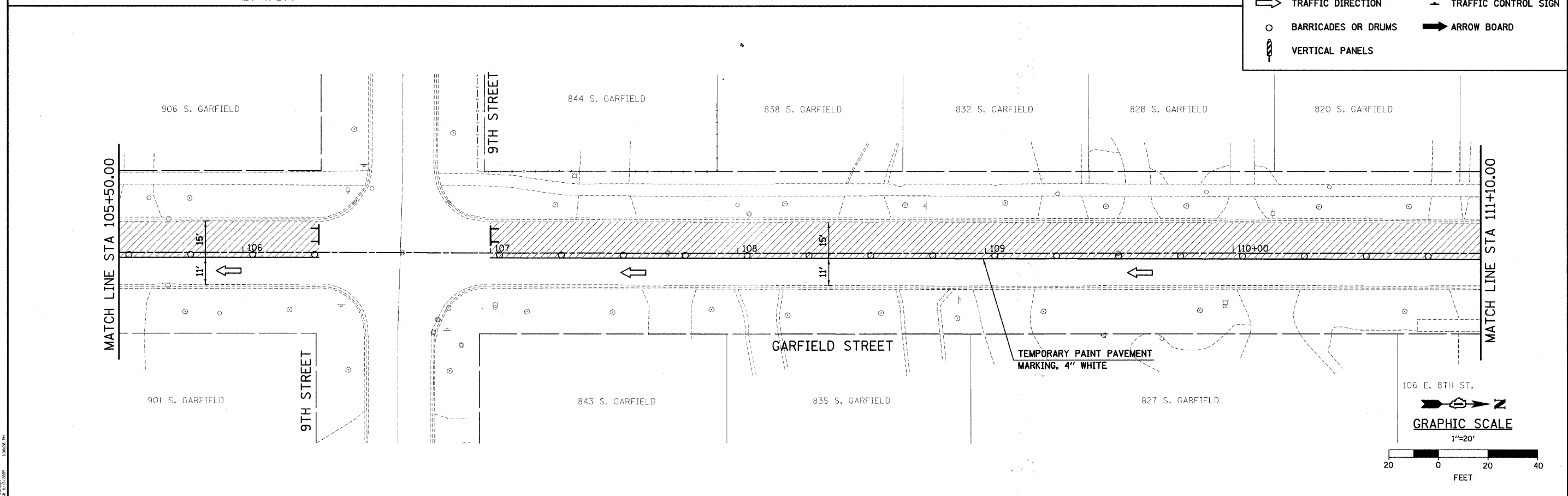
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63297	



SEE DETOUR PLAN FOR ADDITIONAL SIGNING

LEGEND

- WORK ZONE
- TRAFFIC DIRECTION
- BARRICADES OR DRUMS
- VERTICAL PANELS
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN
- ARROW BOARD



106 E. 8TH ST.

GRAPHIC SCALE

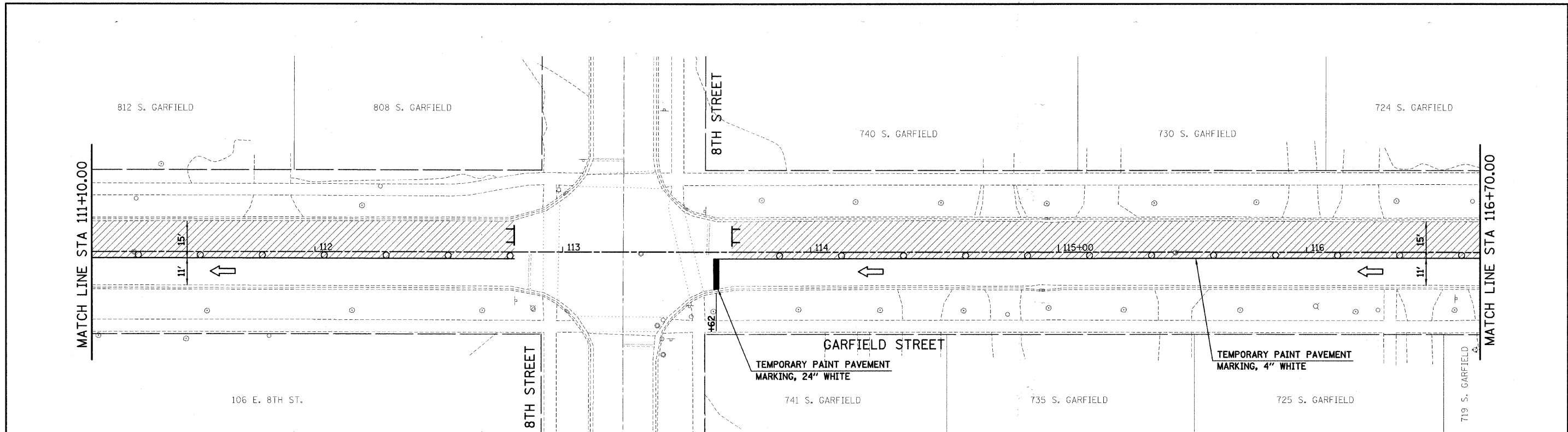
1"=20'

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FEET

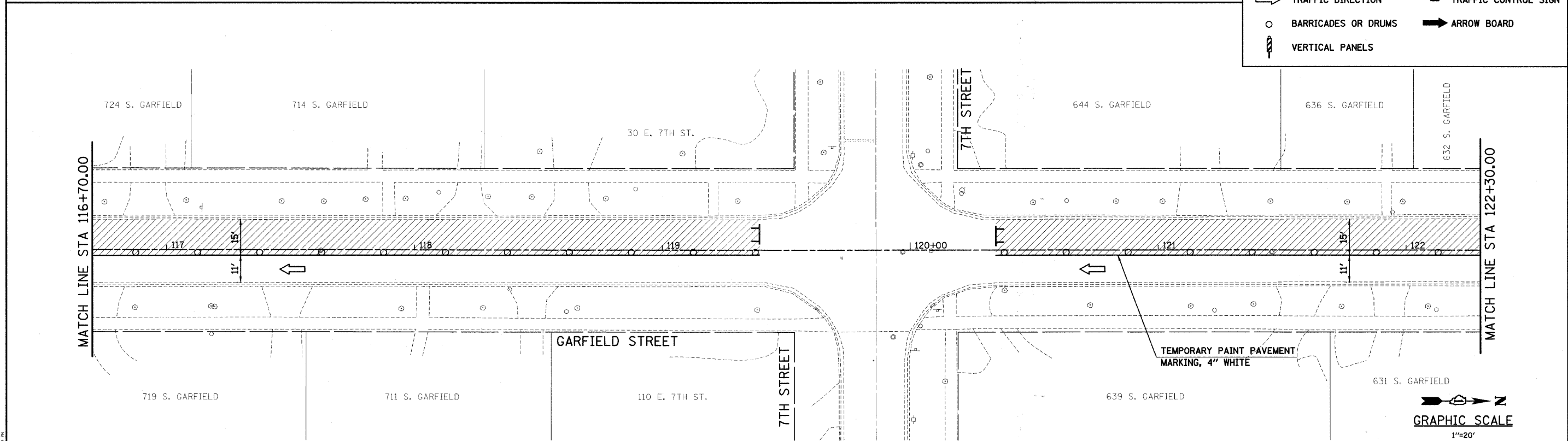
PROJECT CONTACT: C. TECHNOLOGY, P.E. 1/12/09, 1000 N. WILSON AVENUE, SUITE 100, CHICAGO, IL 60642, PH: 312.329.1000

<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroup.com</p>	USER NAME = sjohnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE II	F.A.V. RTE. 267B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 26
	PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISOR -			SCALE: 1"=20'	SHEET NO. 26 OF 65 SHEETS	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63297
	PLOT DATE = 8/13/2009	CHECKED - GT	REVISOR -			STA. 100+00.00 TO STA. 111+10.00				
	DATE = 8/13/09	DATE = 8/13/09	REVISOR -							



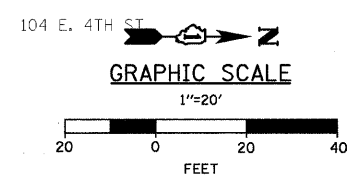
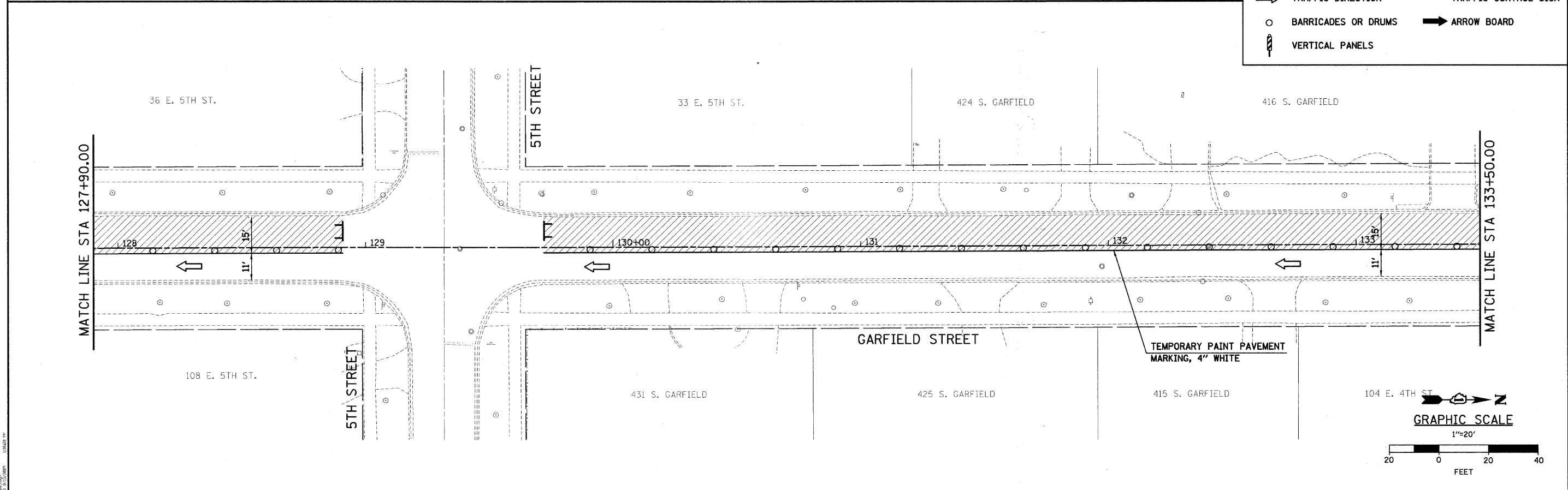
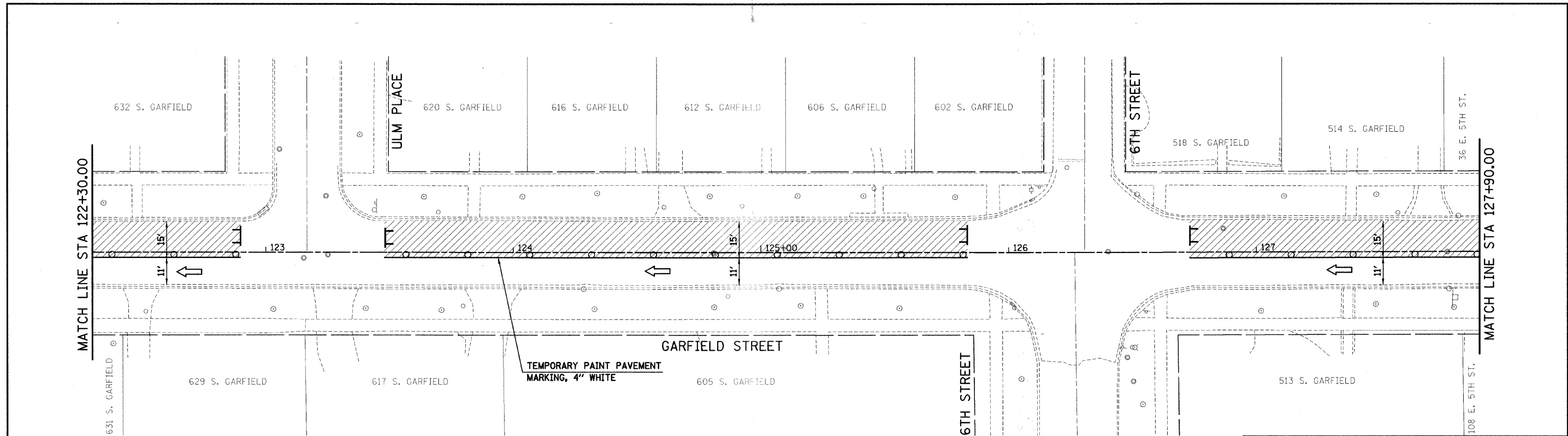
LEGEND

- WORK ZONE
- TRAFFIC DIRECTION
- BARRICADES OR DRUMS
- VERTICAL PANELS
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN
- ARROW BOARD



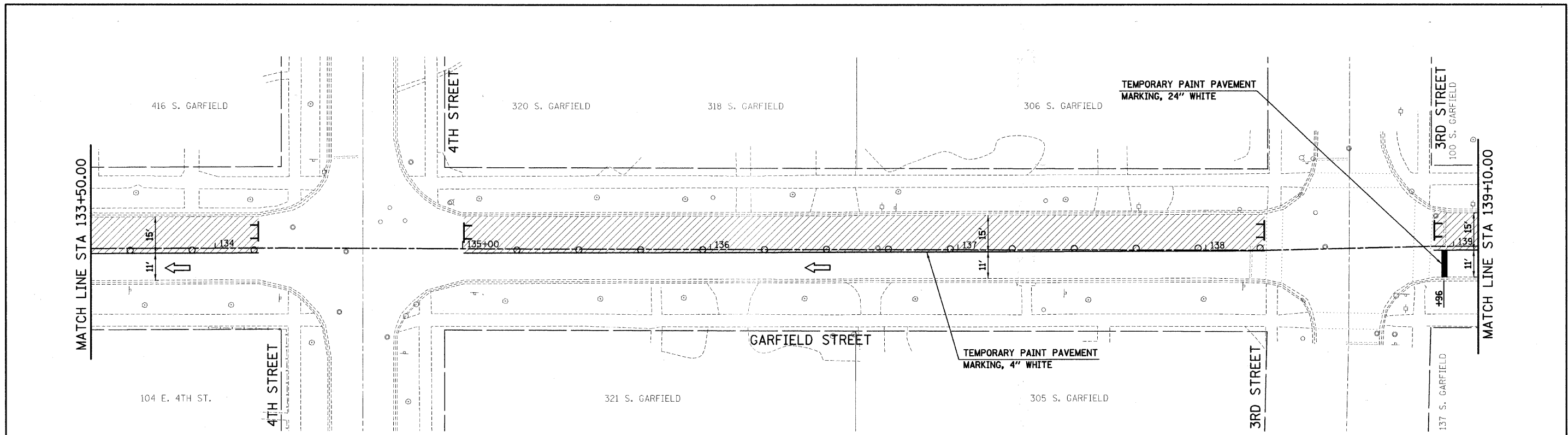
GRAPHIC SCALE
1"=20'
0 20 40
FEET

<p>SEC Group, Inc. Professional Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroup.com</p>	USER NAME = s.johnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE II	F.A.V. RTE. 2670	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 27
	PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISIONS -			SCALE: 1"=20'	SHEET NO. 27 OF 65 SHEETS	CONTRACT NO. 63297	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
PLOT DATE = 8/13/2009	CHECKED - GT	DATE = 8/13/09	REVISED -	STA. 111+10.00 TO STA. 122+30.00						



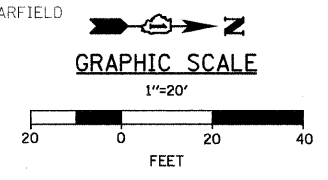
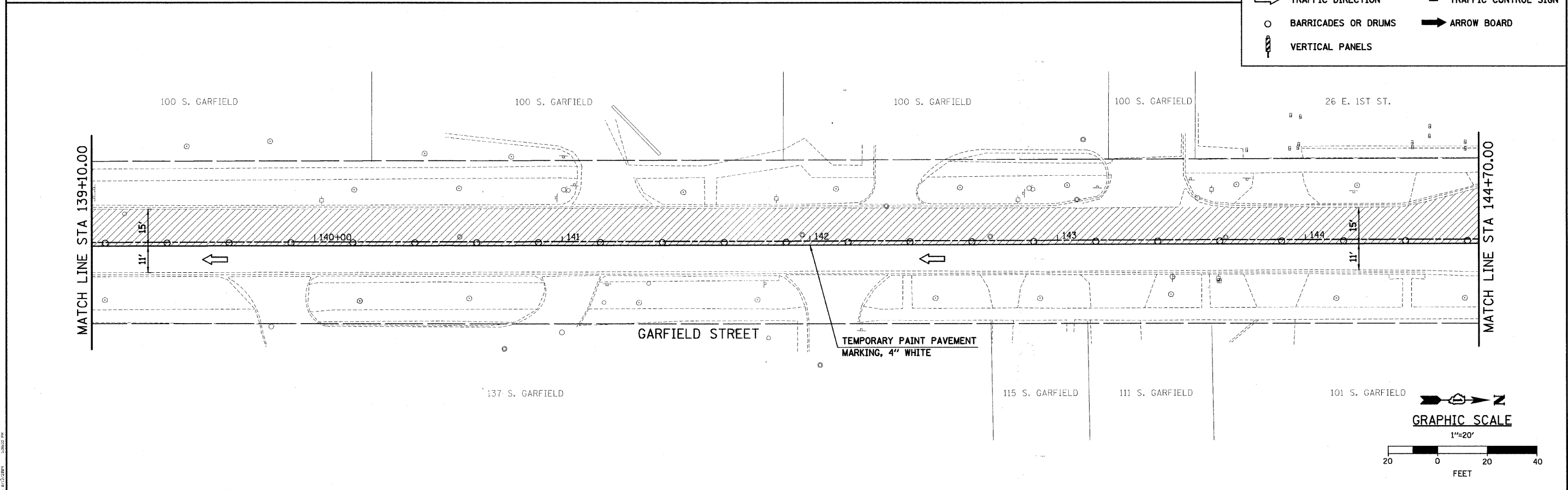
<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture Madison • Wichita • New Lenox • Chicago www.secgroup.com</p>	USER NAME = sjohnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE II	F.A.U. RTE. 267B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 28
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	PLOT DATE = 8/13/2009	CHECKED - GT	REVISOR -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	DATE = 8/13/09	DATE - 8/13/09	REVISOR -							

PROJECT CONTACT: S. STEINBERG, P.E.
 1000 N. WILSON AVENUE, SUITE 200
 HINSDALE, IL 60142-1000
 (708) 941-1000



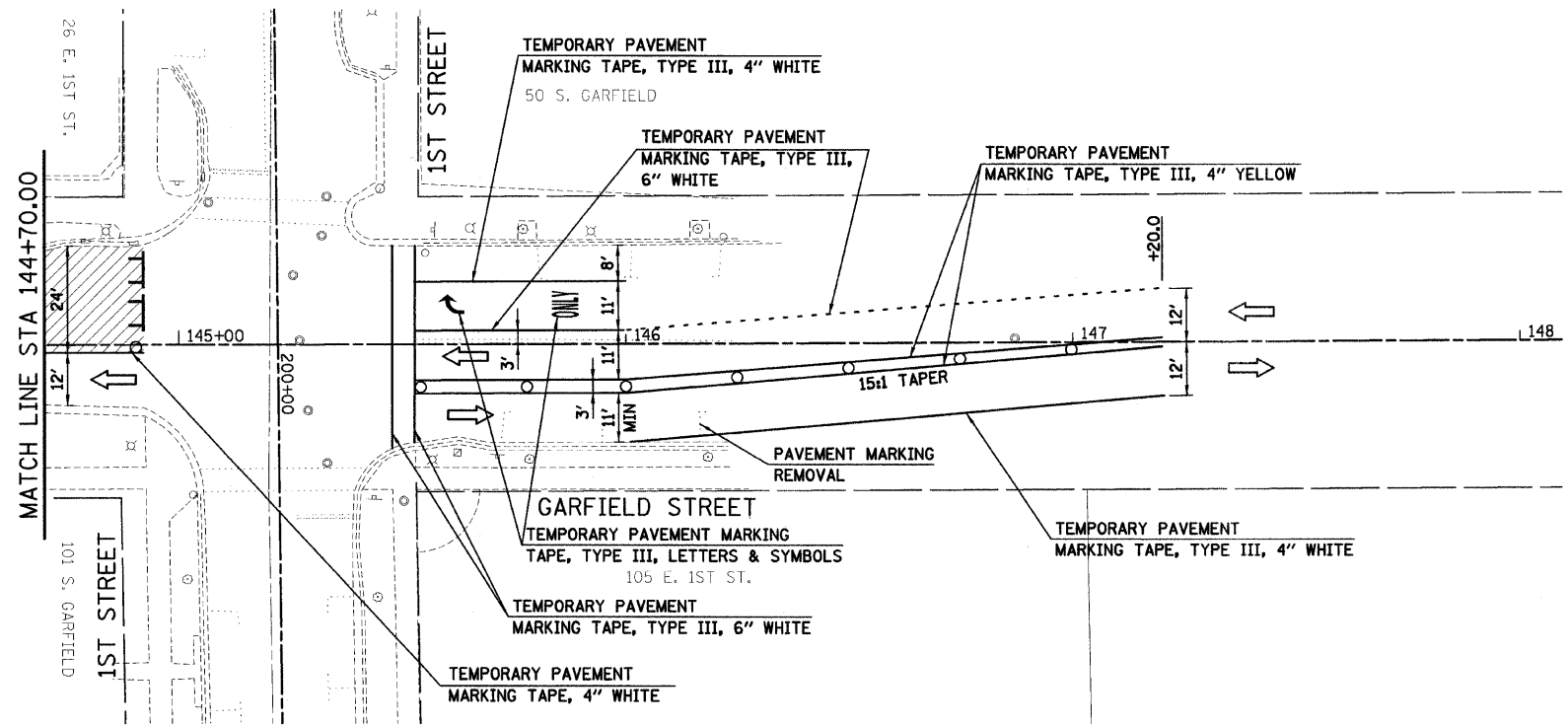
LEGEND

- WORK ZONE
- TRAFFIC DIRECTION
- BARRICADES OR DRUMS
- VERTICAL PANELS
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN
- ARROW BOARD



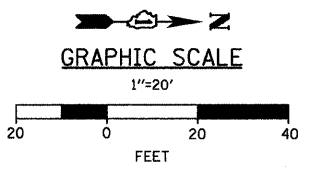
PROJECT CONTACT: G. TREMPER, P.E.
SEC GROUP, INC.
1100 N. WILSON AVENUE, SUITE 100
CHICAGO, IL 60642

 SEC Group, Inc. Engineering Planning Landscape Architecture Madison • Naperville • New Lenox • Chicago www.secgroupinc.com	USER NAME = s.johnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET SUGGESTED MAINTENANCE OF TRAFFIC STAGE II	F.A.U. RTE. 2678 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 29 CONTRACT NO. 63297	SCALE: 1"=20' SHEET NO. 29 OF 65 SHEETS STA. 133+50.00 TO STA. 144+70.00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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LEGEND

	WORK ZONE		TYPE III BARRICADE
	TRAFFIC DIRECTION		TRAFFIC CONTROL SIGN
	BARRICADES OR DRUMS		ARROW BOARD
	VERTICAL PANELS		



PROJECT: 08-00086-00-RS-01
 DATE: 8/13/09
 138000.PLT

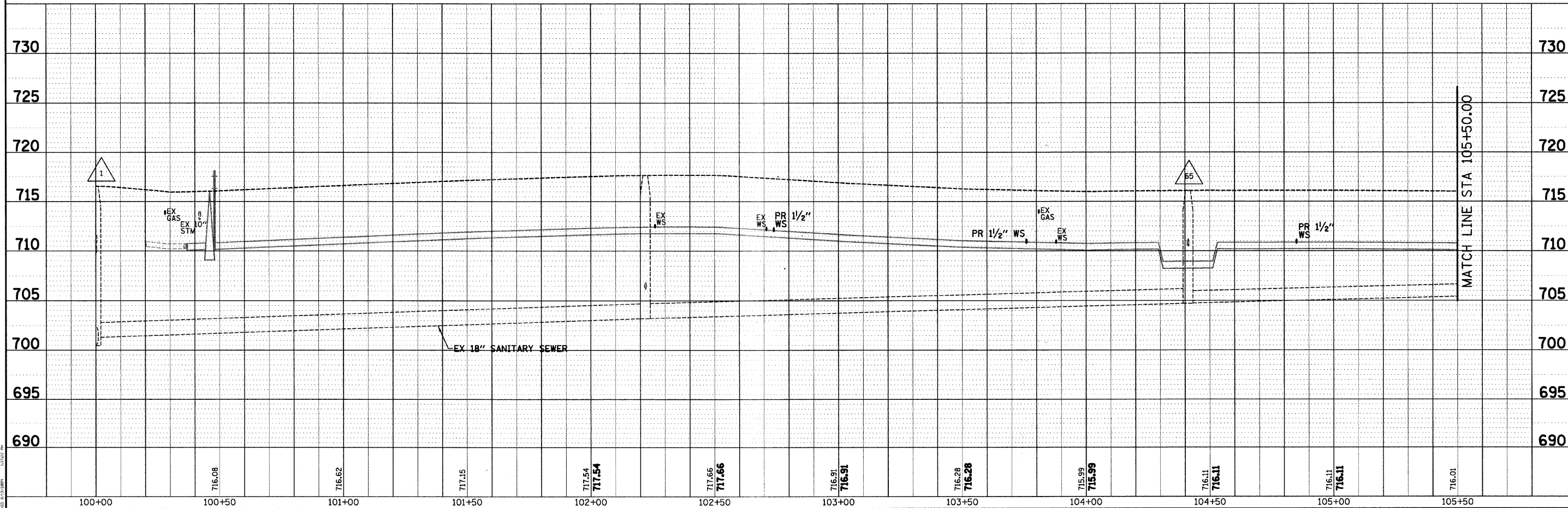
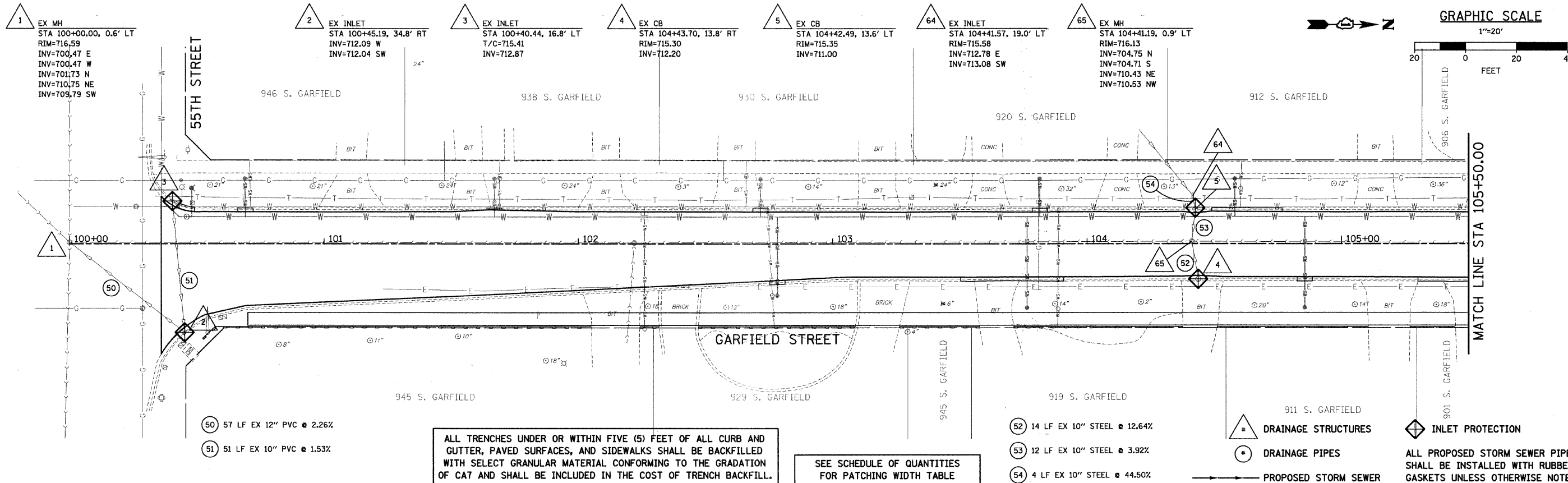
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USER NAME = sjohnson	DESIGNED -	REVISED -
PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

SCALE: 1"=20'	SHEET NO. 30 OF 65 SHEETS	STA. 144+70.00 TO STA. 146+00.00
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F.A.V. RTE. 2670	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63297	



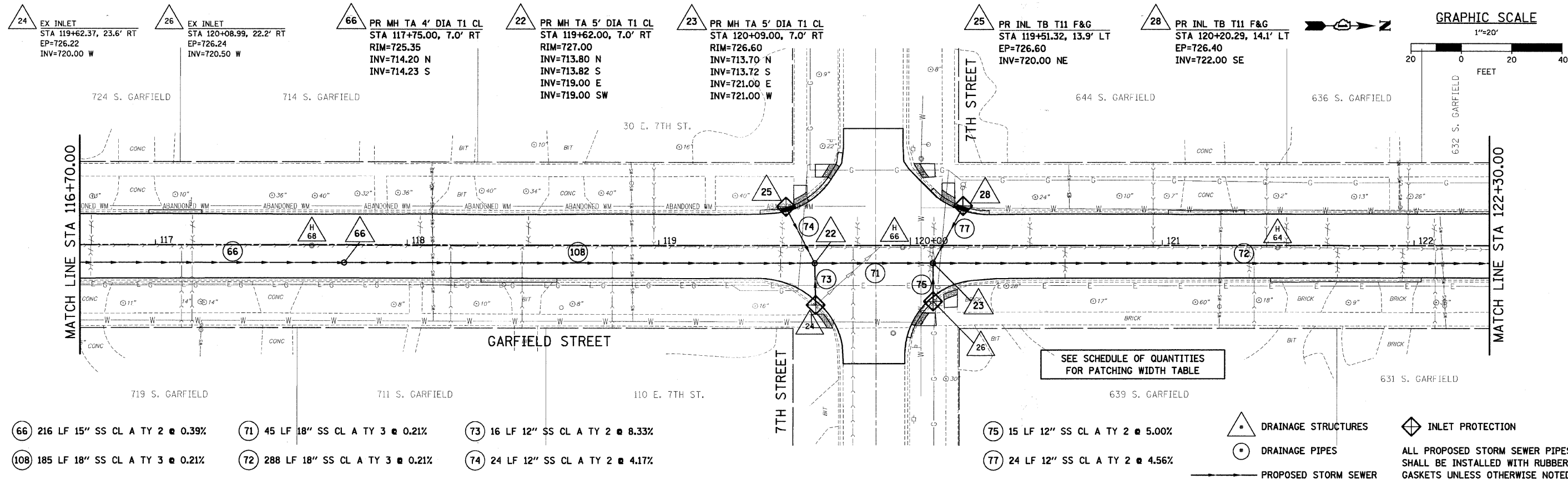
PLAN

DESIGNED	BY	DATE
CHECKED		
NOTED		
PLANNED		
APPROVED		

PROFILE

DESIGNED	BY	DATE
CHECKED		
NOTED		
PLANNED		
APPROVED		

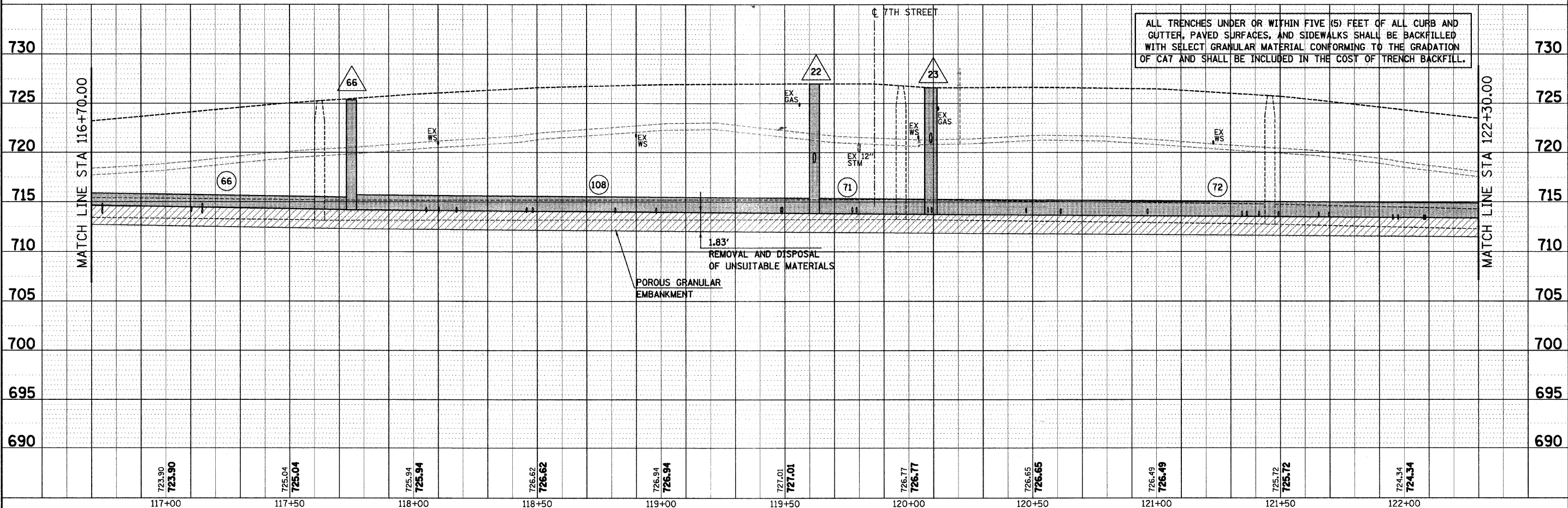
<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = s.johnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET DRAINAGE PLAN AND PROFILE	F.A.U. R.T.E. 267g SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 31	CONTRACT NO. 63297 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	SCALE: 1"=20' SHEET NO. 31 OF 65 SHEETS STA. 100+00.00 TO STA. 105+50.00						



- 66 216 LF 15" SS CL A TY 2 @ 0.39%
 - 71 45 LF 18" SS CL A TY 3 @ 0.21%
 - 73 16 LF 12" SS CL A TY 2 @ 8.33%
 - 75 15 LF 12" SS CL A TY 2 @ 5.00%
 - 108 185 LF 18" SS CL A TY 3 @ 0.21%
 - 72 288 LF 18" SS CL A TY 3 @ 0.21%
 - 74 24 LF 12" SS CL A TY 2 @ 4.17%
 - 77 24 LF 12" SS CL A TY 2 @ 4.56%
- △ DRAINAGE STRUCTURES
 ○ DRAINAGE PIPES
 ◊ INLET PROTECTION
 → PROPOSED STORM SEWER
- ALL PROPOSED STORM SEWER PIPES SHALL BE INSTALLED WITH RUBBER GASKETS UNLESS OTHERWISE NOTED.

SEE SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CA7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.



PLAN

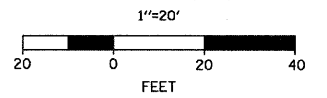
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PROFILE

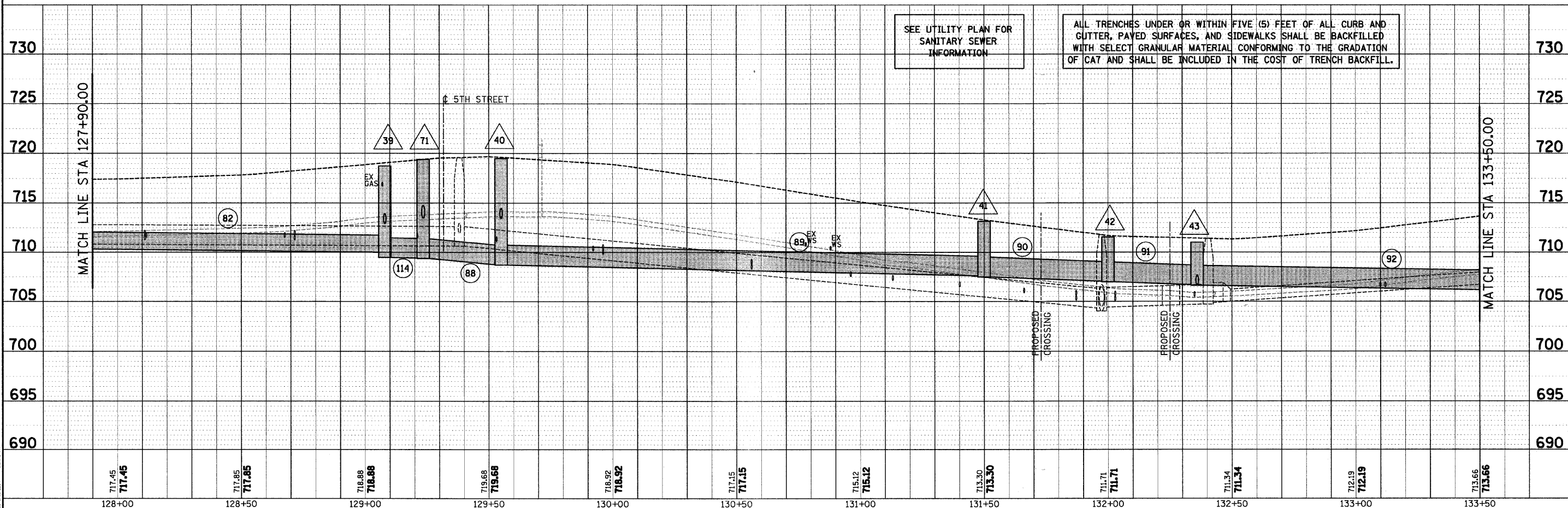
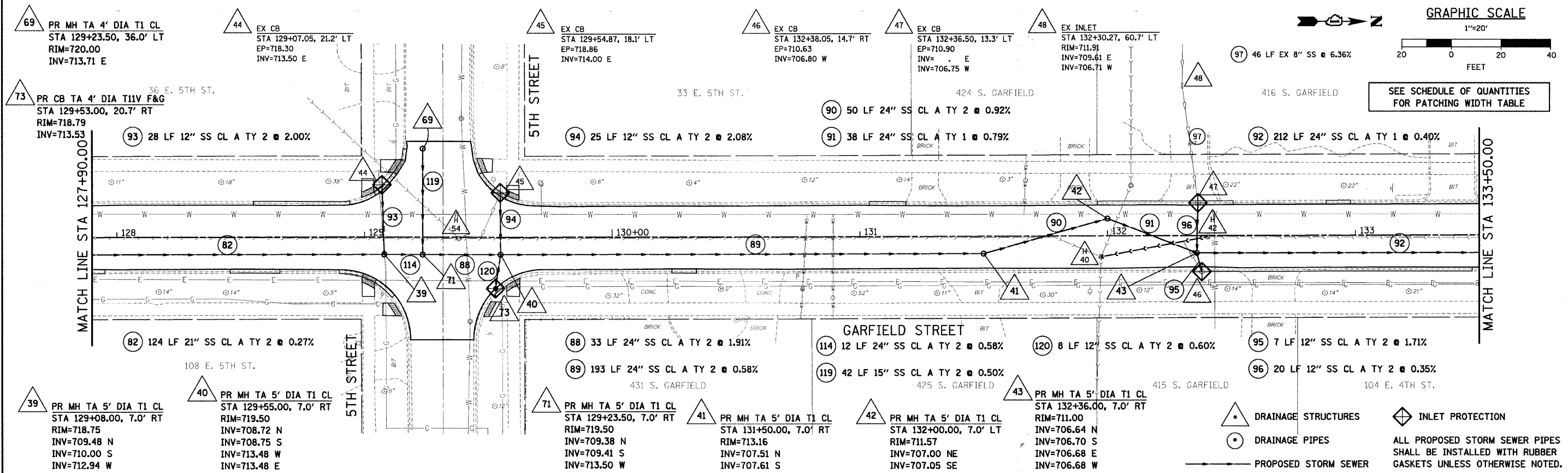
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<p>SEC Group, Inc. Illinois Professional Design Firm # 08-000188 Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroup.com</p>	USER NAME = s.johnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET DRAINAGE PLAN AND PROFILE	F.A.U. R.T.E. 2678 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 34 CONTRACT NO. 63297
	SCALE: 1"=20' SHEET NO. 34 OF 65 SHEETS STA. 116+70.00 TO STA. 122+30.00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS					
	POROUS GRANULAR EMBANKMENT					

GRAPHIC SCALE



SEE SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE



SEE UTILITY PLAN FOR SANITARY SEWER INFORMATION

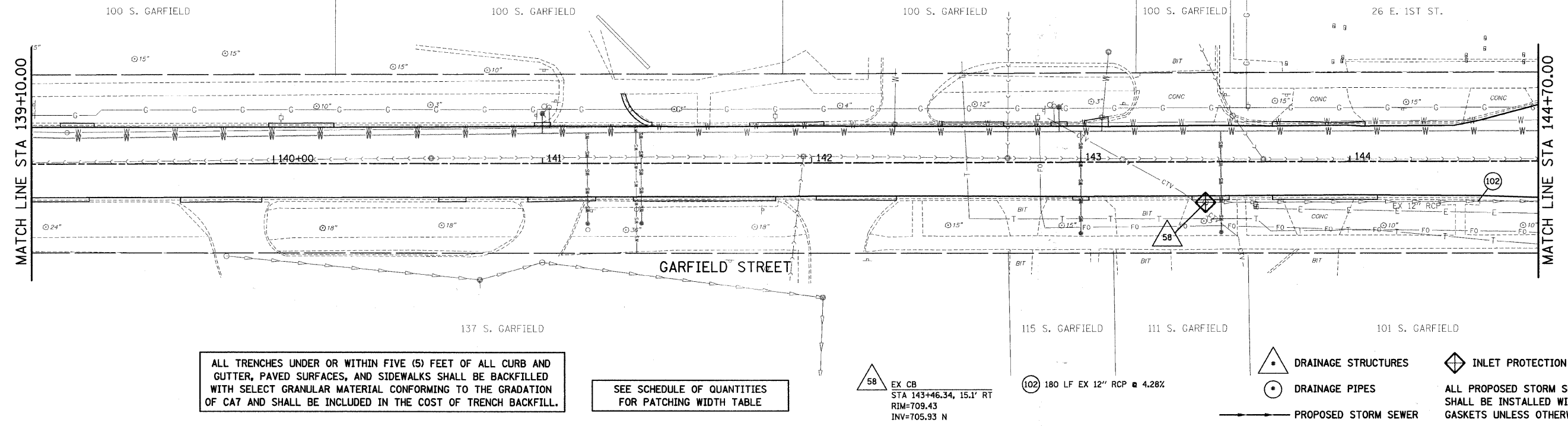
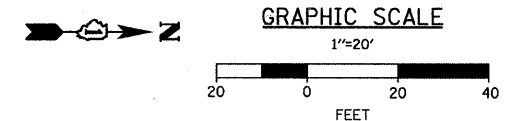
ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CA7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

- △ DRAINAGE STRUCTURES
 - DRAINAGE PIPES
 - ◊ INLET PROTECTION
 - PROPOSED STORM SEWER
- ALL PROPOSED STORM SEWER PIPES SHALL BE INSTALLED WITH RUBBER GASKETS UNLESS OTHERWISE NOTED.

DATE	
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PLAN	
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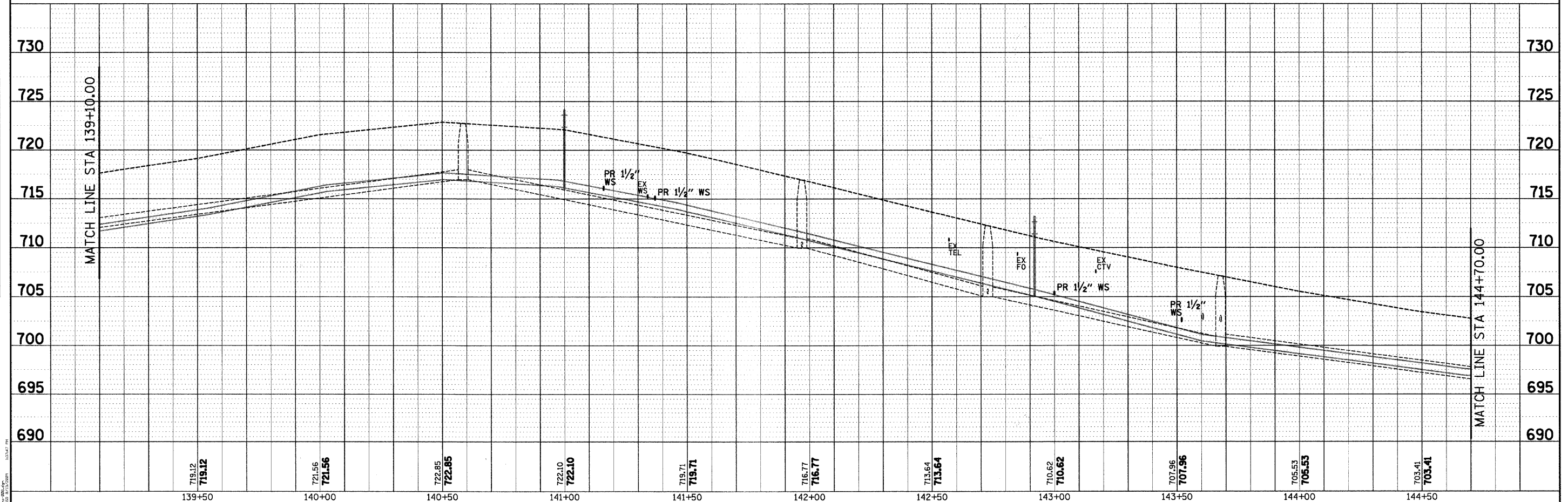
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PROFILE	
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<p>SEC Group, Inc. Engineering Planning Landscape Architecture Milwaukee • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = s.johnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE = 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET DRAINAGE PLAN AND PROFILE	F.A.V. R.T.E. = 2678 SECTION NO. = 08-00086-00-RS COUNTY = DUPAGE TOTAL SHEETS = 65 SHEET NO. = 36 CONTRACT NO. = 63297
	SCALE: 1"=20' SHEET NO. 36 OF 65 SHEETS STA. 127+90.00 TO STA. 133+50.00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLAN	REVISION	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	FILED	
	NO.	
	DATE	

PROFILE	REVISION	DATE
NOTE BOOK	GRADES	
NO.	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHFD	



139+50	140+00	140+50	141+00	141+50	142+00	142+50	143+00	143+50	144+00	144+50
719.12 719.12	721.56 721.56	722.85 722.85	722.10 722.10	719.71 719.71	716.77 716.77	713.64 713.64	710.62 710.62	707.96 707.96	705.53 705.53	703.41 703.41

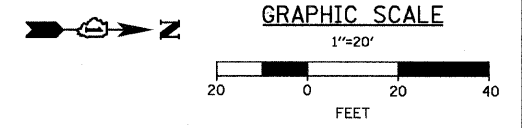
SEC Group, Inc.
 Illinois Professional Geomorph Form # 184-0001
 Engineering
 Planning
 Landscape Architecture
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USER NAME = s.johnson	DESIGNED -	REVISED -
PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

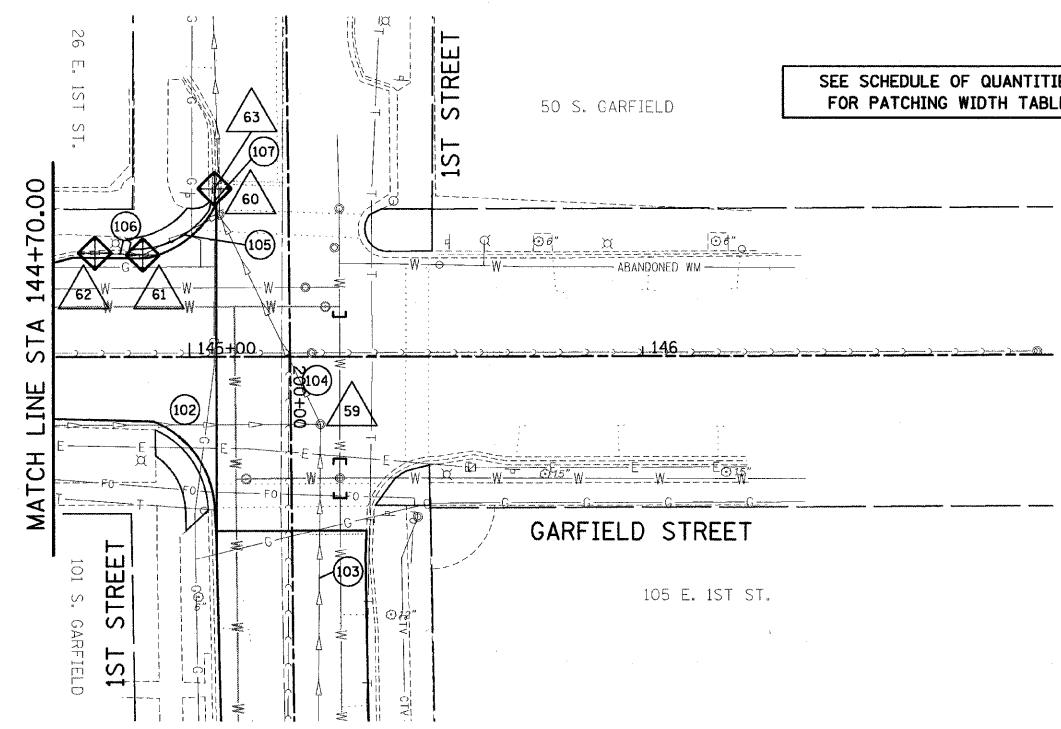
**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

**GARFIELD STREET
 DRAINAGE PLAN AND PROFILE**
 SCALE: 1"=20' SHEET NO. 38 OF 65 SHEETS STA. 139+10.00 TO STA. 144+70.00

F.A.V. RTE. 267g	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 38
CONTRACT NO. 63297				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



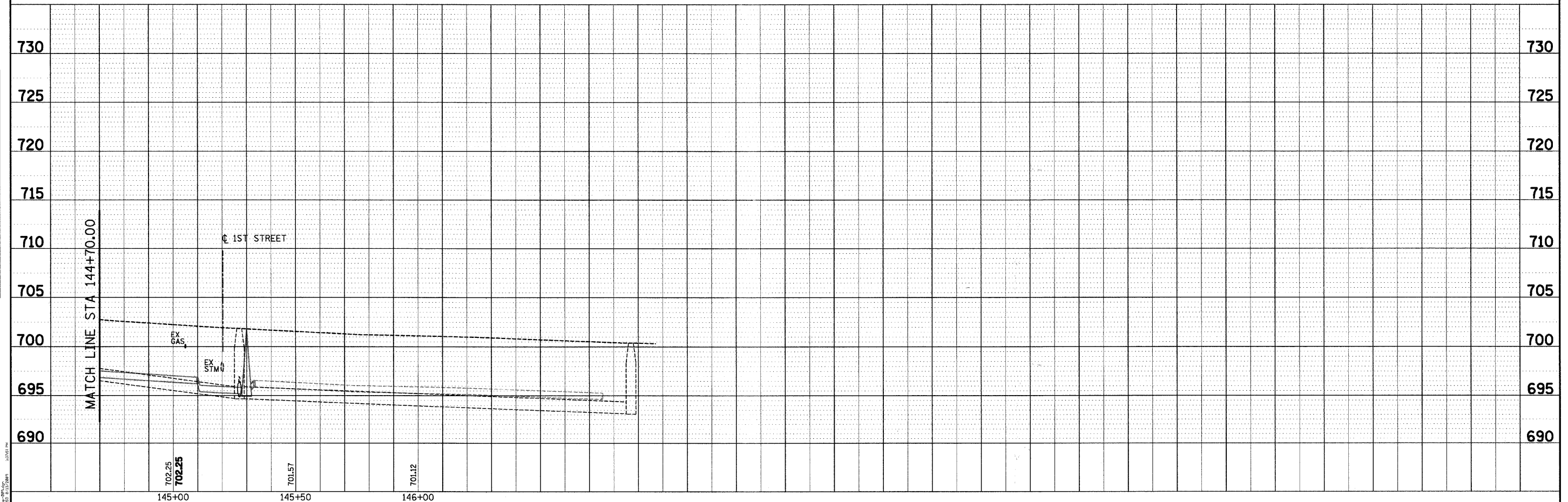
SEE SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE



- 102 180 LF EX 12" RCP @ 4.28%
 - 103 INACCESSIBLE
 - 104 50 LF EX 15" RCP @ -0.46%
 - 105 INACCESSIBLE
 - 106 INACCESSIBLE
 - 107 4 LF EX 24" RCP @ 63.50%
- 59 EX MH
STA 145+28.89, 14.7' RT
RIM=702.0
INV=697.34 SW
INV=698.22 S
INV= . E
 - 60 EX MH
STA 145+06.42, 30.6' LT
RIM=701.61
INV=697.11 NE
INV=697.01 W
INV= . S
 - 61 EX INLET
STA 144+89.81, 22.7' LT
EP=701.62
INV=698.39 NW
INV=698.77 S
 - 62 EX INLET
STA 144+79.26, 23.2' LT
EP=701.77
INV= . N
 - 63 EX INLET
STA 145+05.63, 37.4' LT
EP= . E
INV= . E

ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CA7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

- DRAINAGE STRUCTURES
- DRAINAGE PIPES
- PROPOSED STORM SEWER
- INLET PROTECTION
- ALL PROPOSED STORM SEWER PIPES SHALL BE INSTALLED WITH RUBBER GASKETS UNLESS OTHERWISE NOTED.



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PROJECT	
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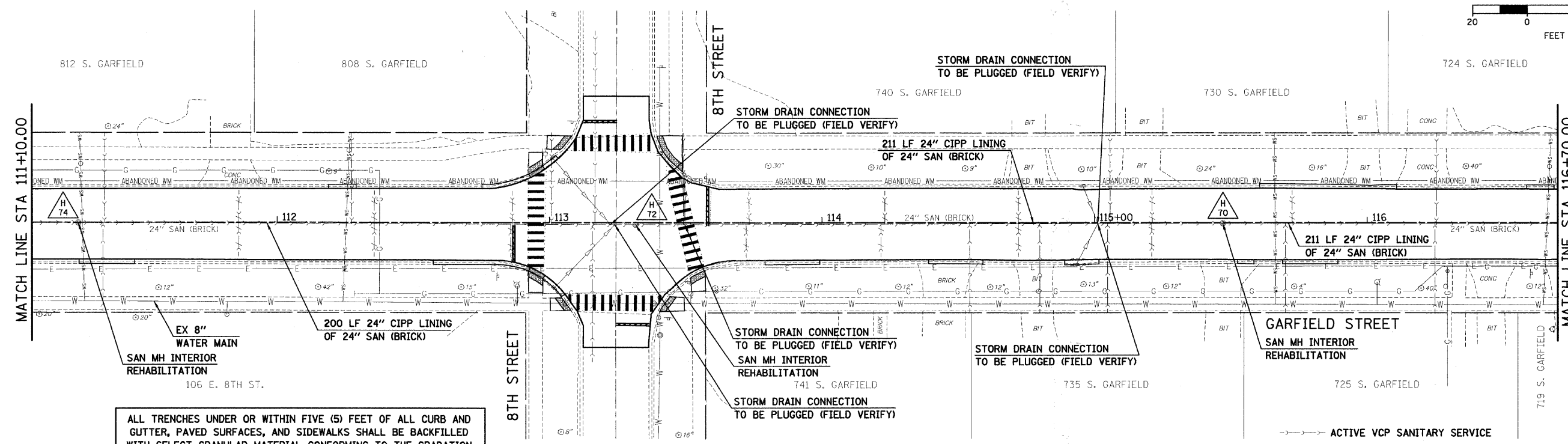
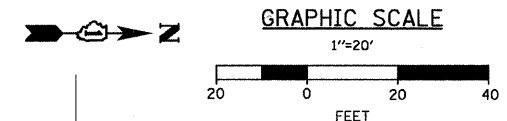


USER NAME = s.johnson	DESIGNED -	REVISED -
PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

VILLAGE OF HINSDALE
DUPAGE COUNTY, ILLINOIS
GARFIELD STREET, FIRST STREET, & PARK AVENUE

SCALE: 1"=20'	SHEET NO. 39 OF 65 SHEETS	STA. 144+70.00 TO STA. 146+00.00
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F.A.V. RTE. 267B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 39
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CAT AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

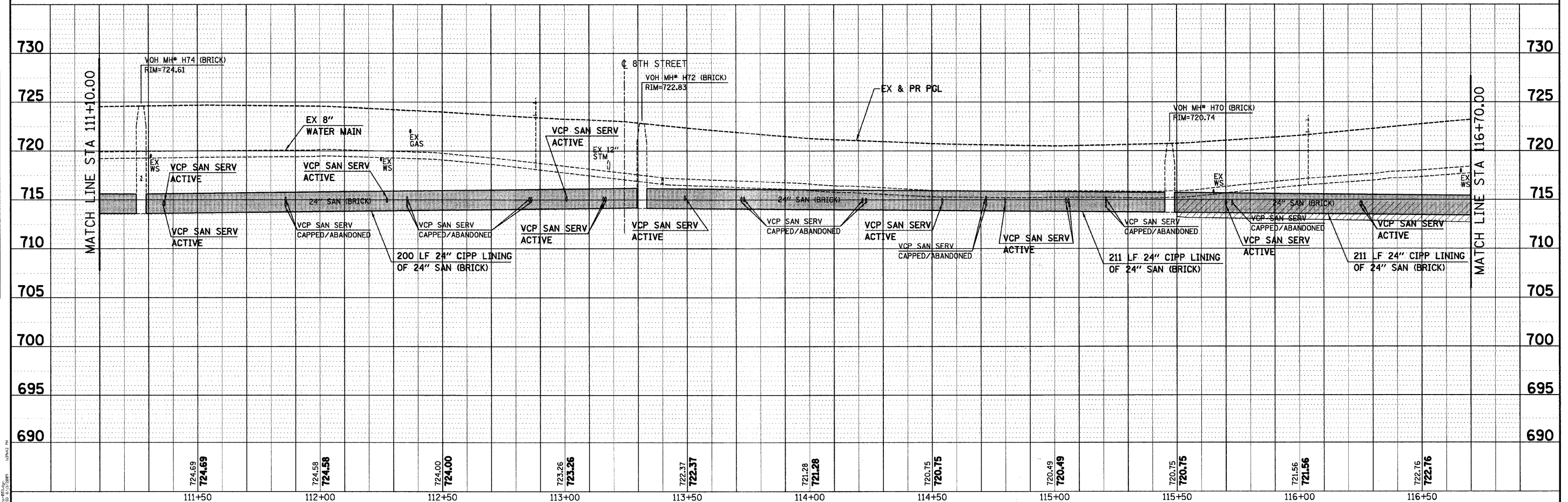
REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

VOH = VILLAGE OF HINSDALE
FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT

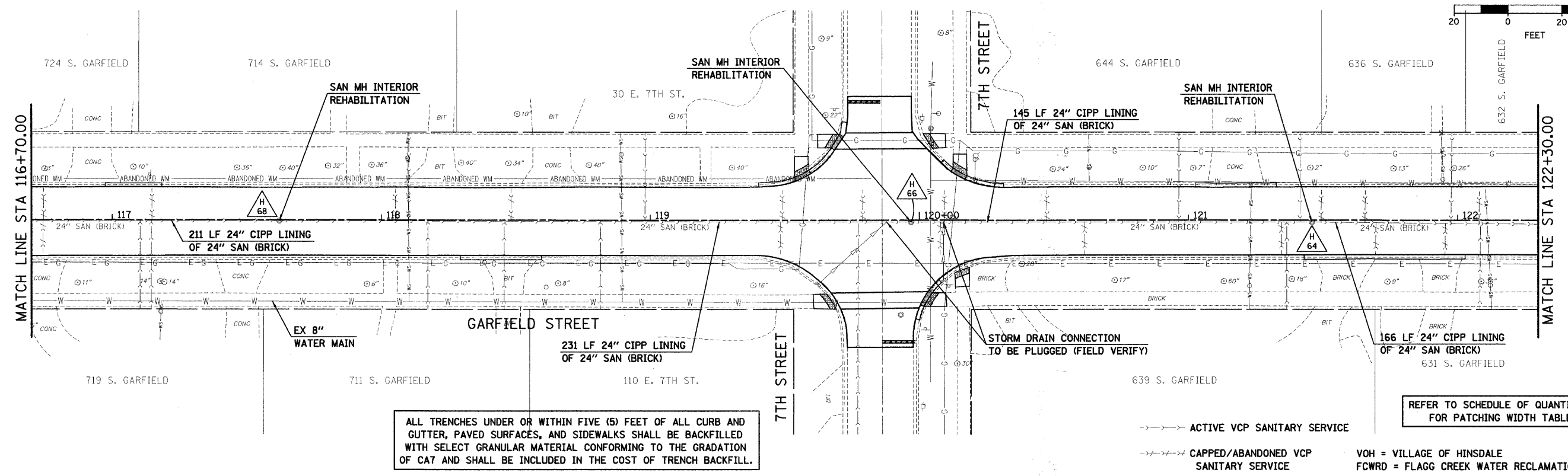
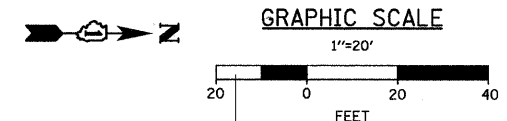
--- ACTIVE VCP SANITARY SERVICE
--- CAPPED/ABANDONED VCP SANITARY SERVICE

PLAN	DATE
REVISIONS	BY
NOTES	NO.
GRADES CHECKED	
ALIGNMENT CHECKED	
CONTRACT NO.	
CADD FILE NAME	

PROFILE	DATE
REVISIONS	BY
NOTES	NO.
GRADES CHECKED	
ALIGNMENT CHECKED	
CONTRACT NO.	
CADD FILE NAME	



	USER NAME = s.johnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET UTILITY PLAN AND PROFILE	F.A.V. RTE. 167	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 42
	PLOT SCALE = 1"=20'	CHECKED - GT	REVISED -			SCALE: 1"=20'	SHEET NO. 42 OF 65 SHEETS	STA. 111+10.00 TO STA. 116+70.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 63297
	PLOT DATE = 8/13/2009	DATE = 8/13/09	REVISED -							



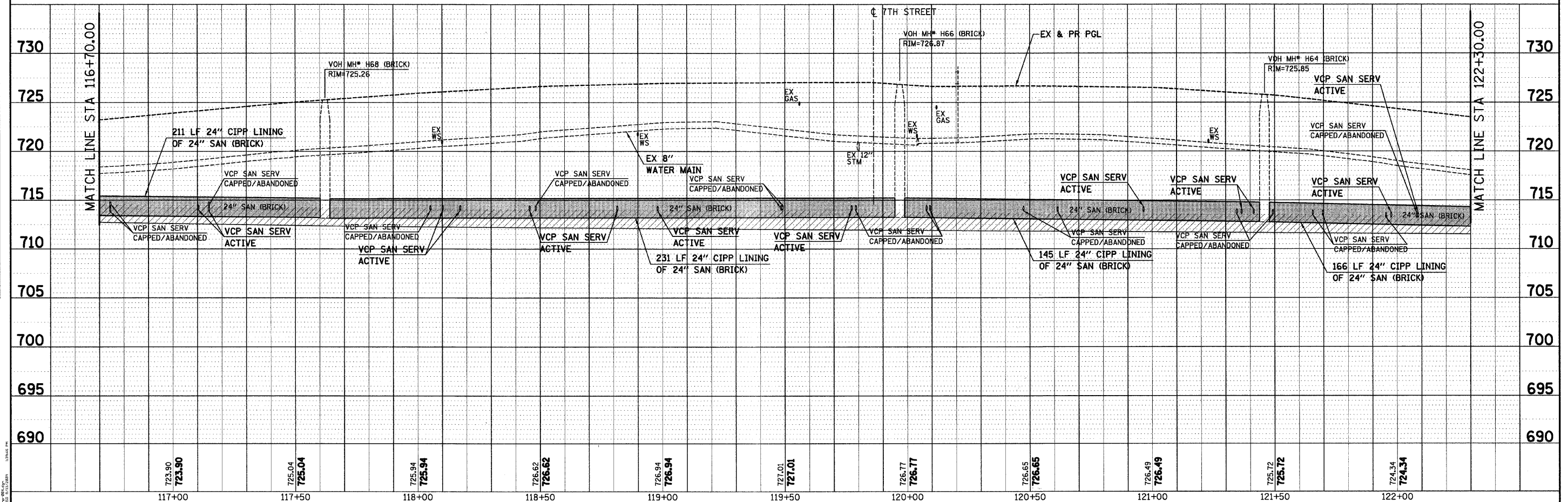
ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CAT AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

---> ACTIVE VCP SANITARY SERVICE
 - - - - - CAPPED/ABANDONED VCP SANITARY SERVICE
 VOH = VILLAGE OF HINSDALE
 FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

PLAN	REVISIONS	DATE
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NO.	BY	
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NO.	BY	

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



117+00	117+50	118+00	118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00
723.90 723.90	725.04 725.04	725.94 725.94	726.62 726.62	726.94 726.94	727.01 727.01	726.77 726.77	726.65 726.65	726.49 726.49	725.72 725.72	724.34 724.34

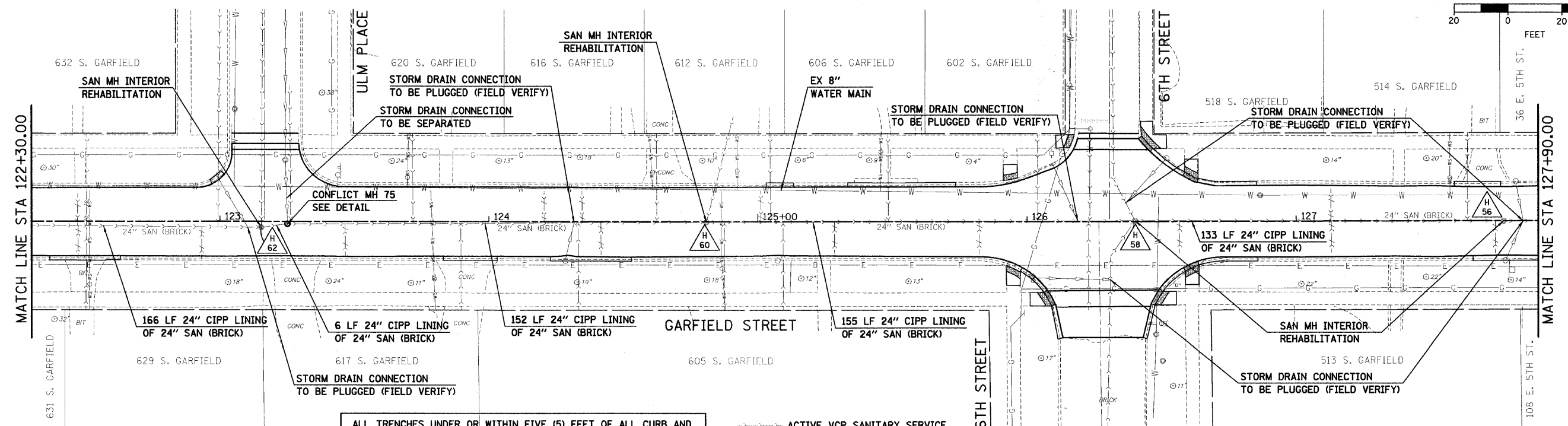
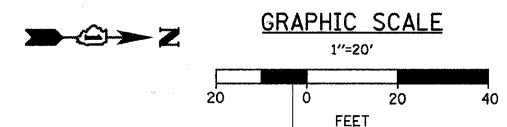
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USER NAME = s.johnson	DESIGNED -	REVISED -
PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

**GARFIELD STREET
 UTILITY PLAN AND PROFILE**
 SCALE: 1"=20' SHEET NO. 43 OF 65 SHEETS STA. 116+70.00 TO STA. 122+30.00

F.A.U. RTE. 2670	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 43
CONTRACT NO. 63297		FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT		



ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CAT7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

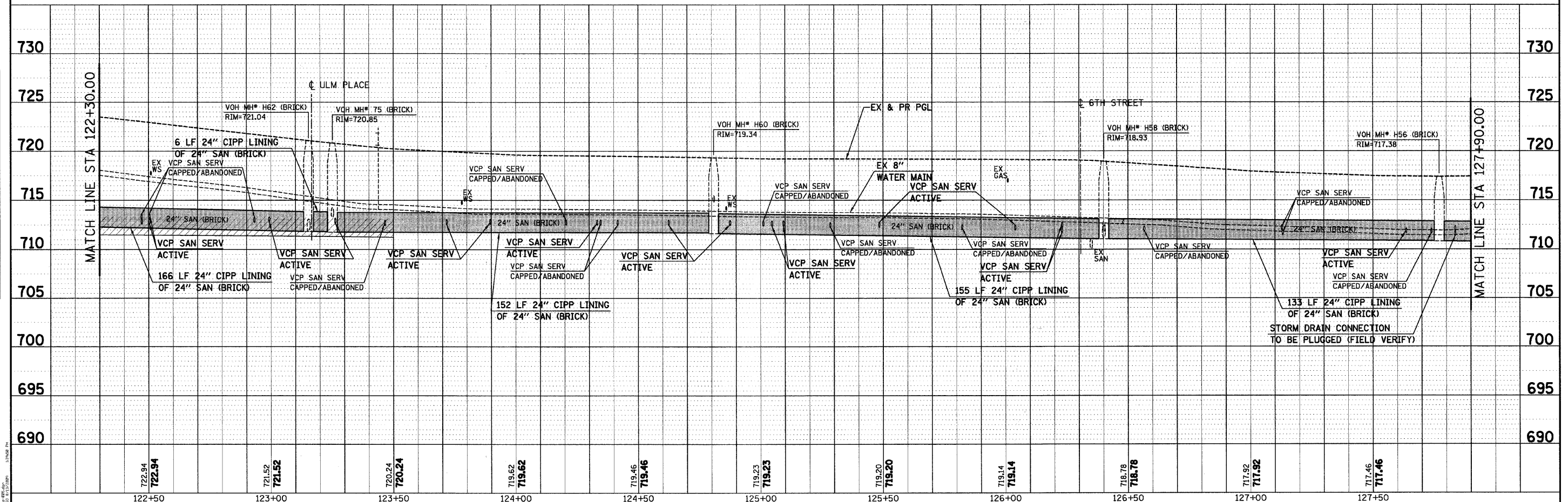
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 - - - CAPPED/ABANDONED VCP SANITARY SERVICE

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

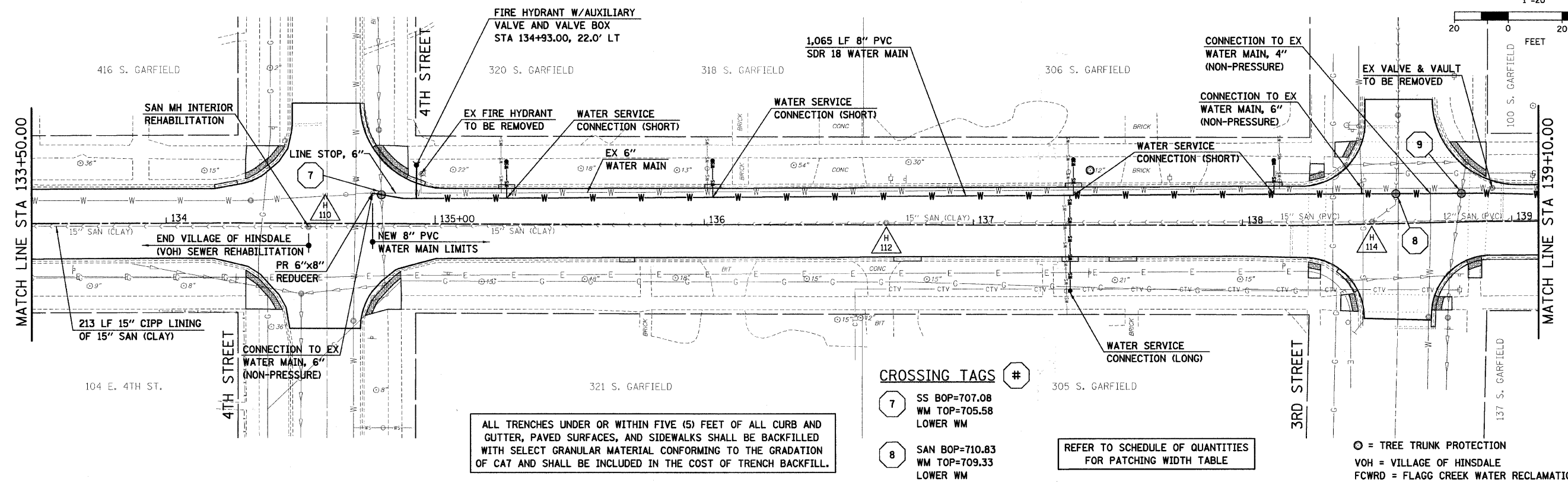
VOH = VILLAGE OF HINSDALE
 FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT

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PROFILE	BY	DATE
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GRADES CHECKED		
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	USER NAME = s.johnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET UTILITY PLAN AND PROFILE	F.A.V. RTE. 267B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 44		
	PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -			SCALE: 1"=20'	SHEET NO. 44 OF 65 SHEETS	STA. 122+30.00 TO STA. 127+90.00	CONTRACT NO. 63297			
	PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
	DATE = 8/13/09	DATE = 8/13/09	REVISED -									



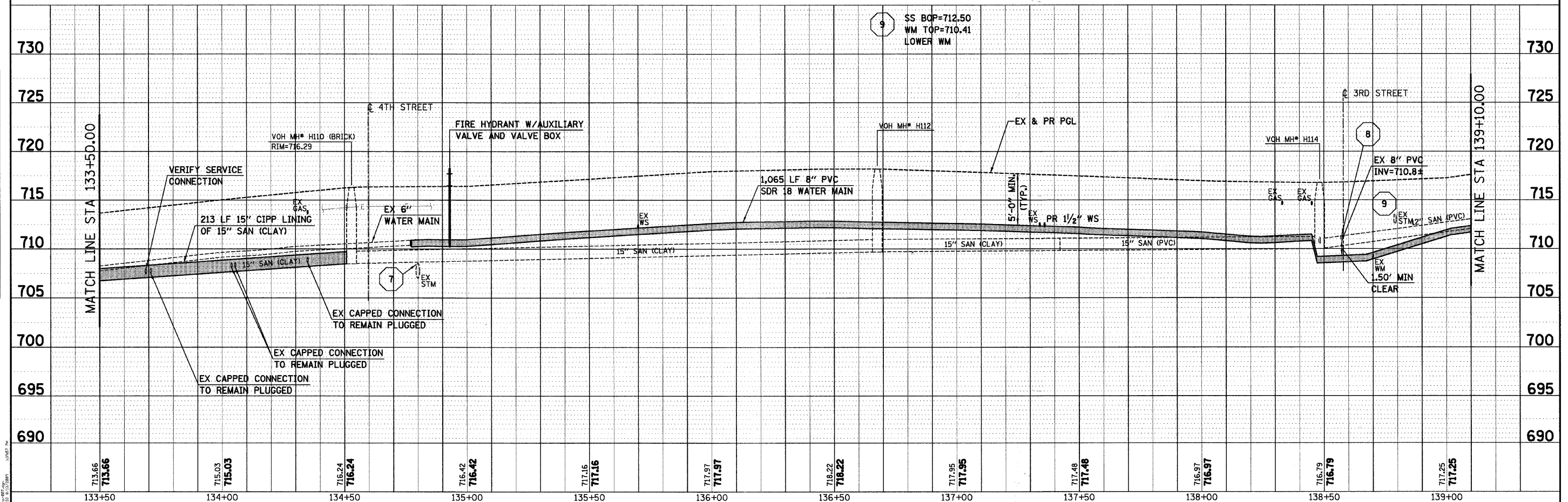
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7	SS BOP=707.08 WM TOP=705.58 LOWER WM
8	SAN BOP=710.83 WM TOP=709.33 LOWER WM
9	SS BOP=712.50 WM TOP=710.41 LOWER WM

ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CA7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

⊙ = TREE TRUNK PROTECTION
VOH = VILLAGE OF HINSDALE
FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT



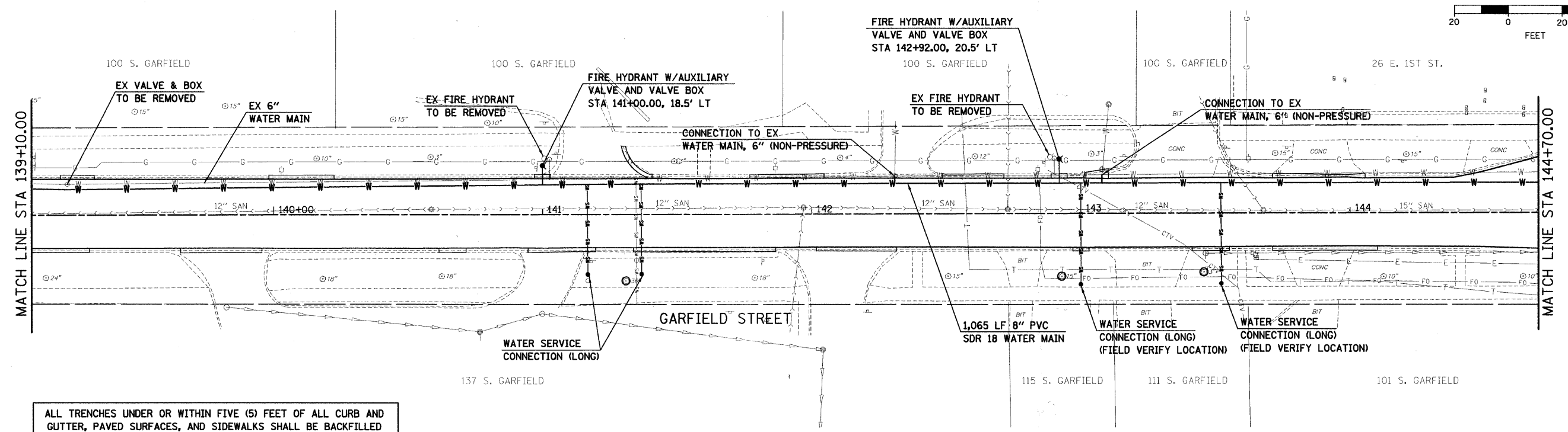
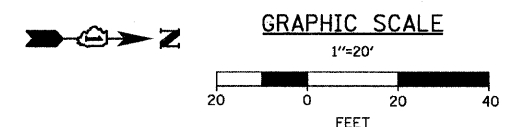
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PROFILE

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NOTED	
PLANNED	
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<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = s.johnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	<p align="center">VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE</p>	<p align="center">GARFIELD STREET UTILITY PLAN AND PROFILE</p>	F.A.V. RTE. 267B SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 46 CONTRACT NO. 63297
	SCALE: 1"=20' SHEET NO. 46 OF 65 SHEETS STA. 133+50.00 TO STA. 139+10.00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



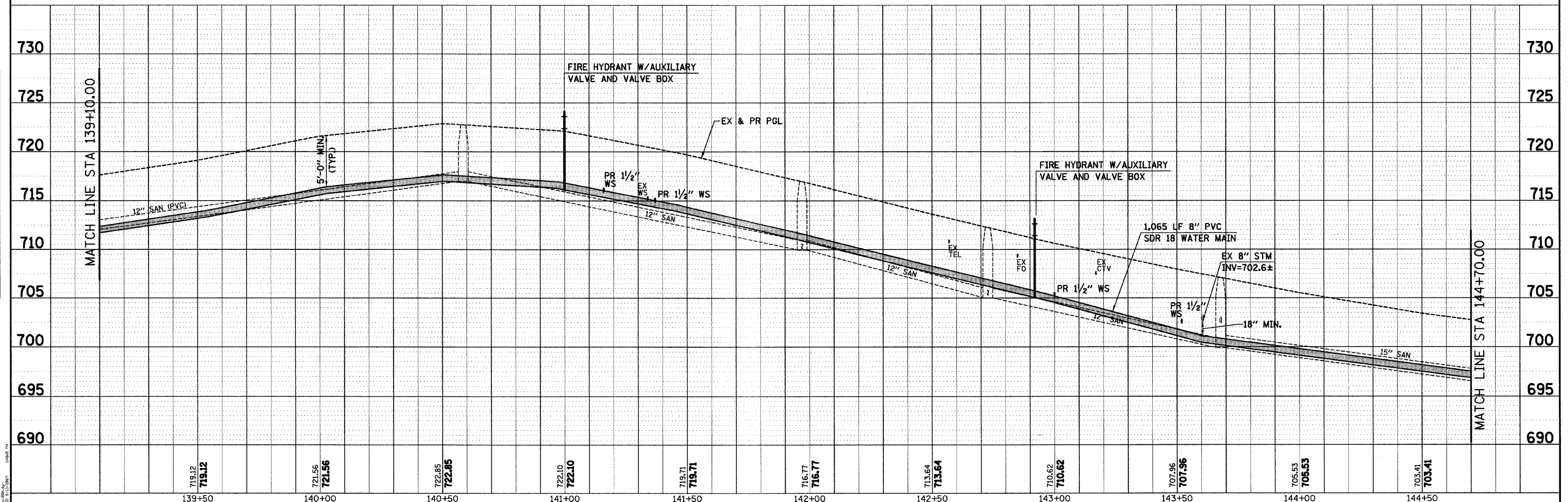
ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CAT AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

⊙ = TREE TRUNK PROTECTION
 VOH = VILLAGE OF HINSDALE
 FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT

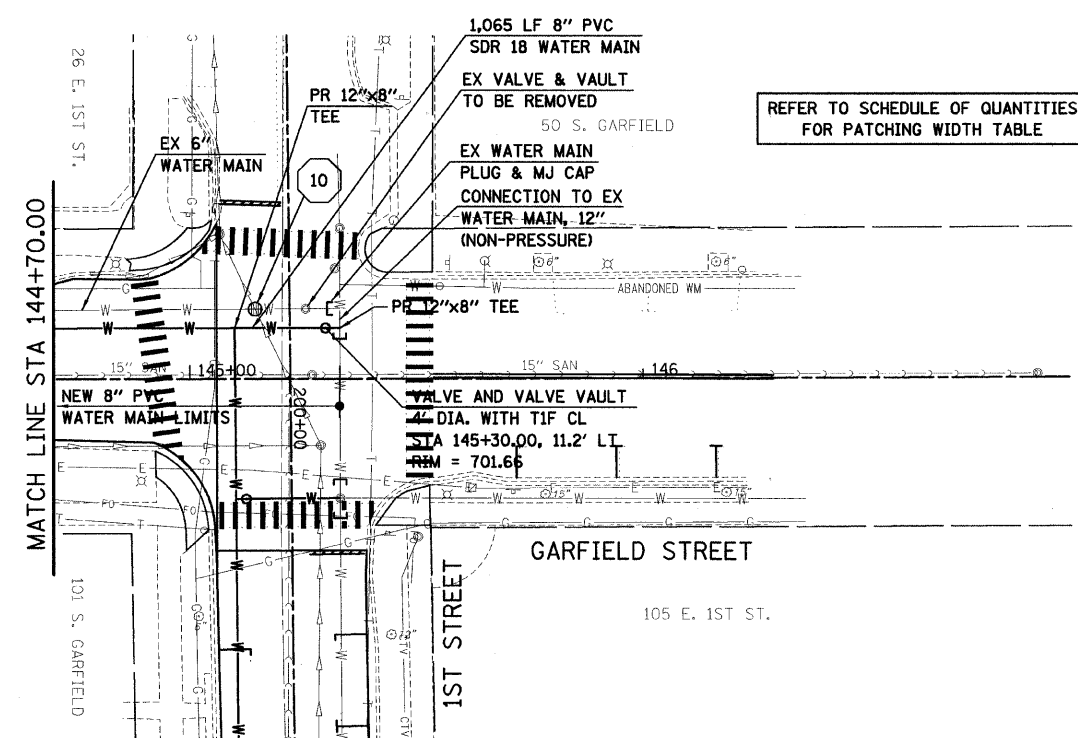
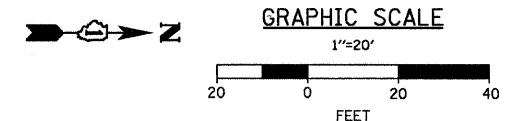
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REVISIONS	
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DESIGNED	
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DATE	
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REVISIONS	
PLANNED	
NOTED	
CHECKED	
DESIGNED	
NO.	



	USER NAME = s.johnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	GARFIELD STREET UTILITY PLAN AND PROFILE	F.A.U. RTE. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 47
	PLOT SCALE = 1"=20'	DRAWN SVJ	REVISED -			CONTRACT NO. 63297				
	PLOT DATE = 8/13/2009	CHECKED GT	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	DATE 8/13/09	DATE 8/13/09	REVISED -							

SCALE: 1"=20' SHEET NO. 47 OF 65 SHEETS STA. 139+10.00 TO STA. 144+70.00

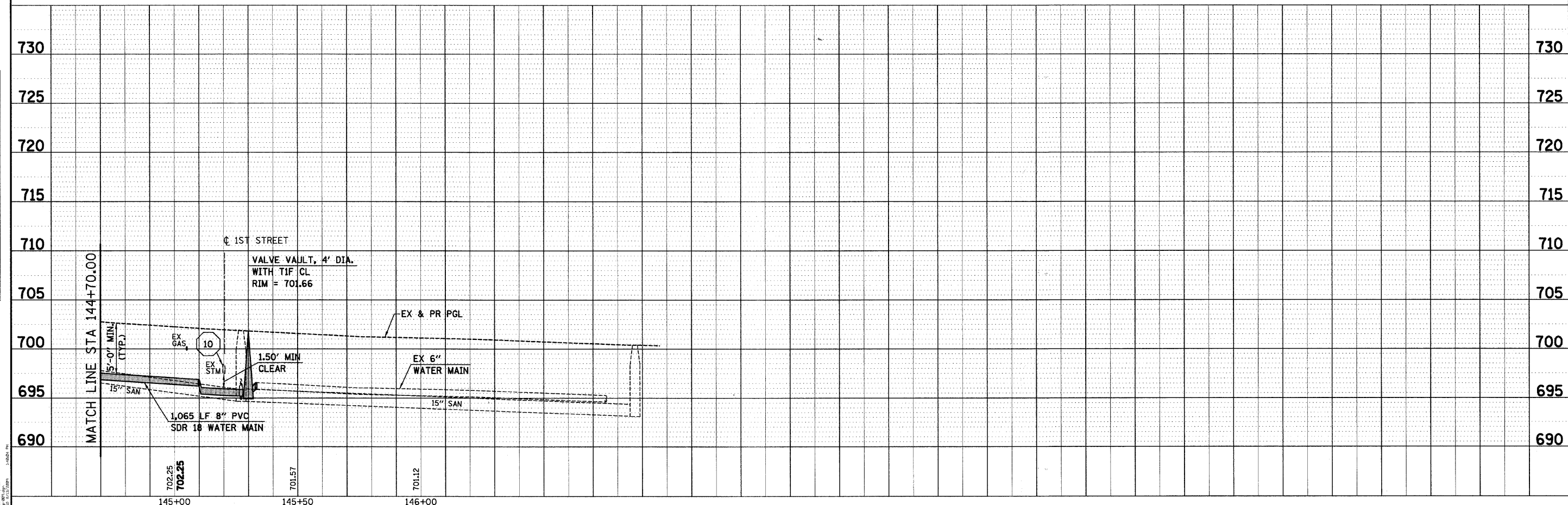


REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

CROSSING TAGS #
 10 SS BOP=697.50
 WM TOP=696.00
 LOWER WM

ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CAT AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

VOH = VILLAGE OF HINSDALE
 FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT



PLAN	DATE
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NOTED	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

PROFILE	DATE
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NOTED	
GRADES CHECKED	
NO.	
STATUS	

<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroup.com</p>	USER NAME = s.johnson	DESIGNED -	REVISED -
	PLOT SCALE = 1"=20'	DRAWN - SVJ	REVISED -
	PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
		DATE = 8/13/09	REVISED -

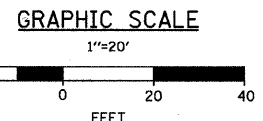
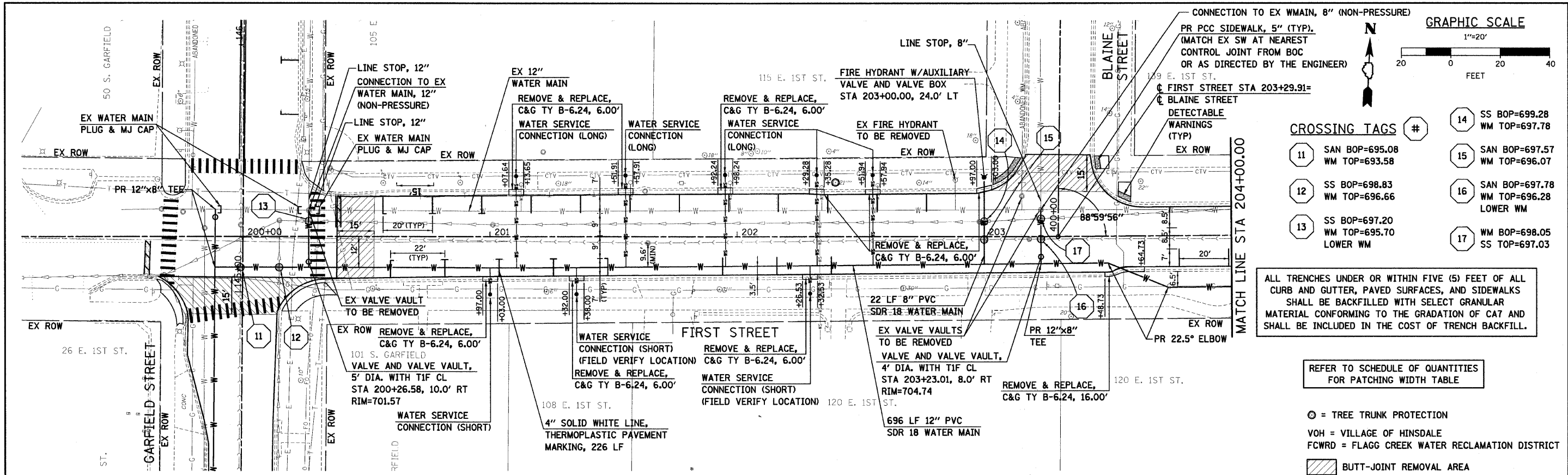
VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE

GARFIELD STREET
 UTILITY PLAN AND PROFILE
 SCALE: 1"=20' SHEET NO. 48 OF 65 SHEETS STA. 144+70.00 TO STA. 146+00.00

F.A.V. RTE. 267	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 48
CONTRACT NO. 63297				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY
REVISIONS	PLANNED
NOTES	CHECKED
NO.	NO.
FILE NAME	FILE NAME

DATE	BY
REVISIONS	PLANNED
NOTES	CHECKED
NO.	NO.
FILE NAME	FILE NAME



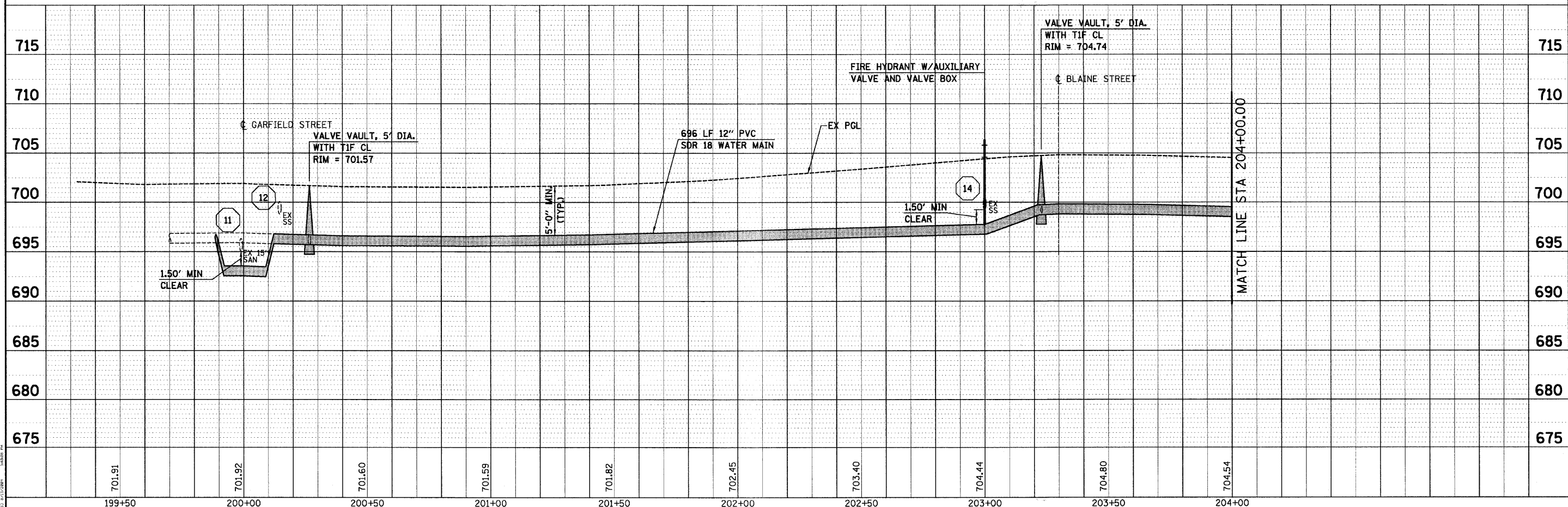
CROSSING TAGS

#	SS BOP	WM TOP
11	SAN BOP=695.08	WM TOP=693.58
12	SS BOP=698.83	WM TOP=696.66
13	SS BOP=697.20	WM TOP=695.70
14	SS BOP=699.28	WM TOP=697.78
15	SAN BOP=697.57	WM TOP=696.07
16	SAN BOP=697.78	WM TOP=696.28
17	WM BOP=698.05	SS TOP=697.03

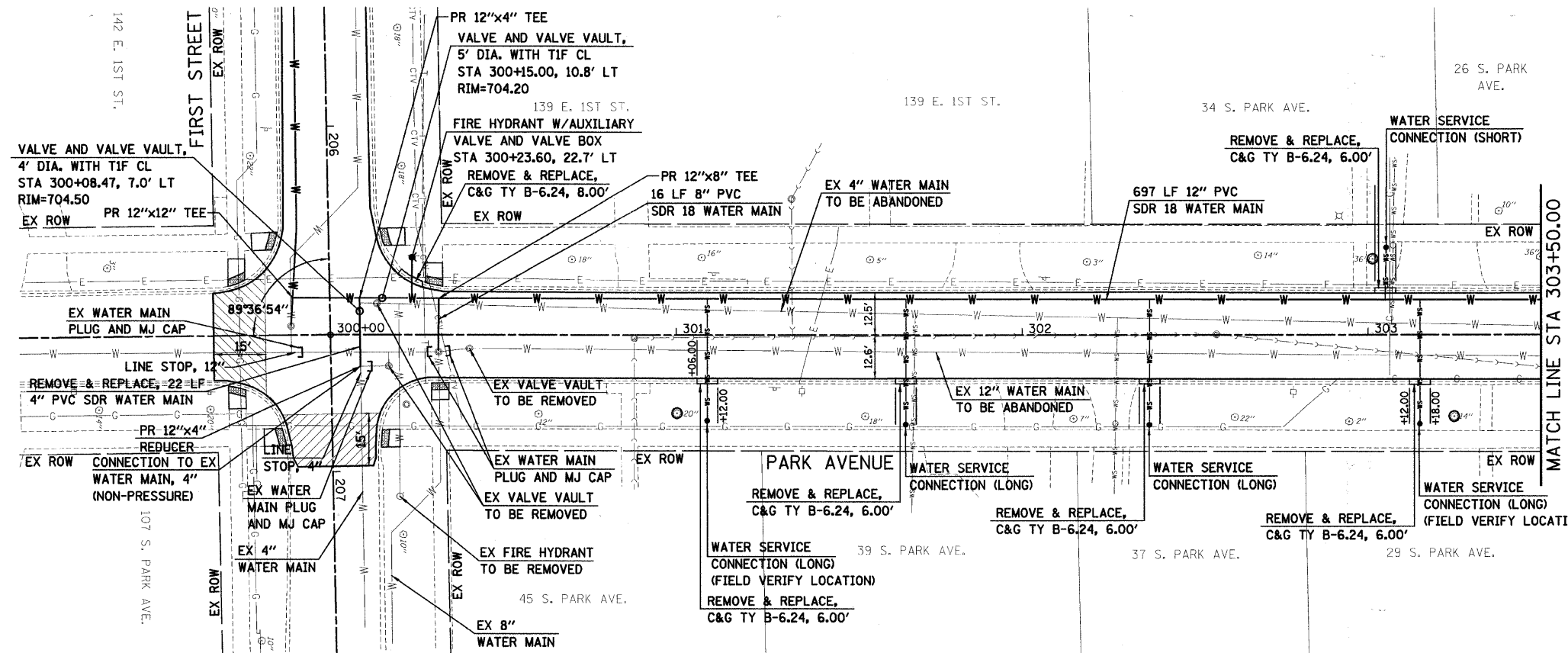
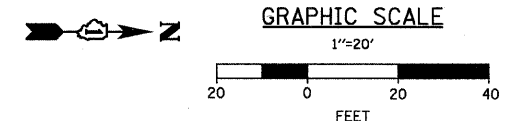
ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CA7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

- ⊙ = TREE TRUNK PROTECTION
- VOH = VILLAGE OF HINSDALE
- FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT
- ▨ BUTT-JOINT REMOVAL AREA



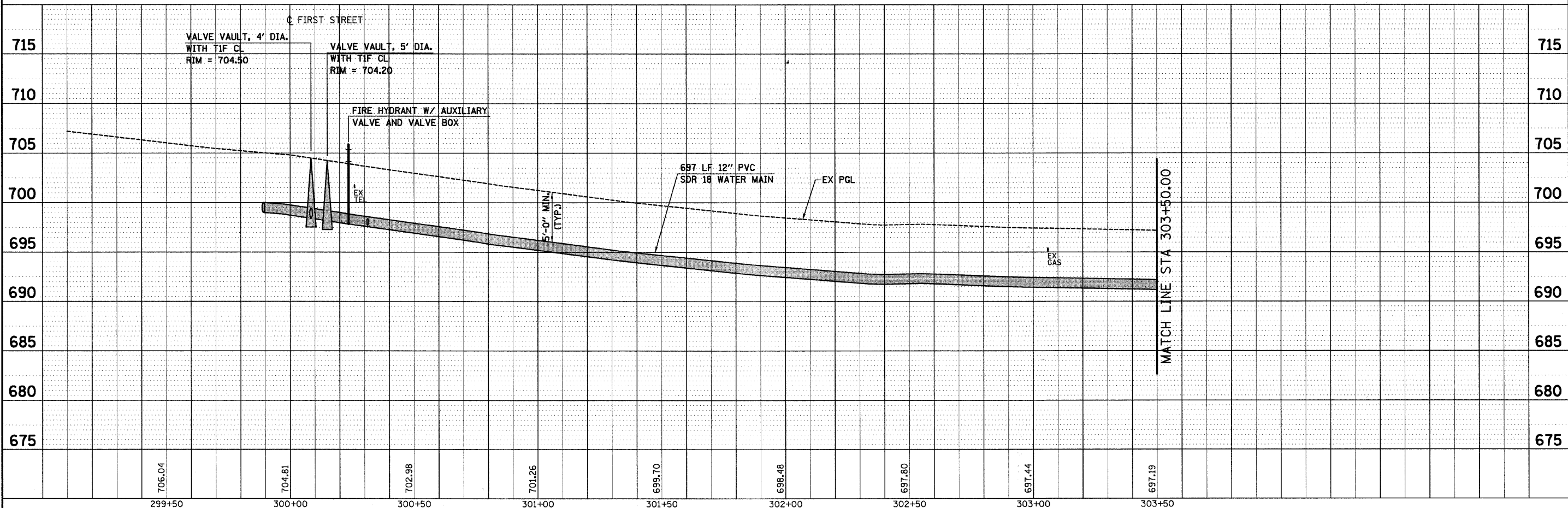
<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = s.johnson PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	FIRST STREET UTILITY PLAN AND PROFILE	F.A.U. RTE. 2670 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 49 CONTRACT NO. 63297 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	SCALE: 1"=20' SHEET NO. 49 OF 65 SHEETS STA. 200+00.00 TO STA. 204+00.00					
	MATCH LINE STA 204+00.00					
	MATCH LINE STA 204+00.00					



ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CA7 AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

- = TREE TRUNK PROTECTION
- VOH = VILLAGE OF HINSDALE
- FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT
- ▨ BUTT-JOINT REMOVAL AREA



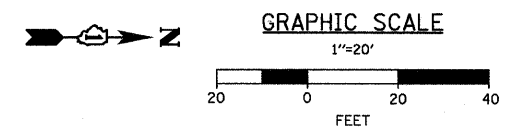
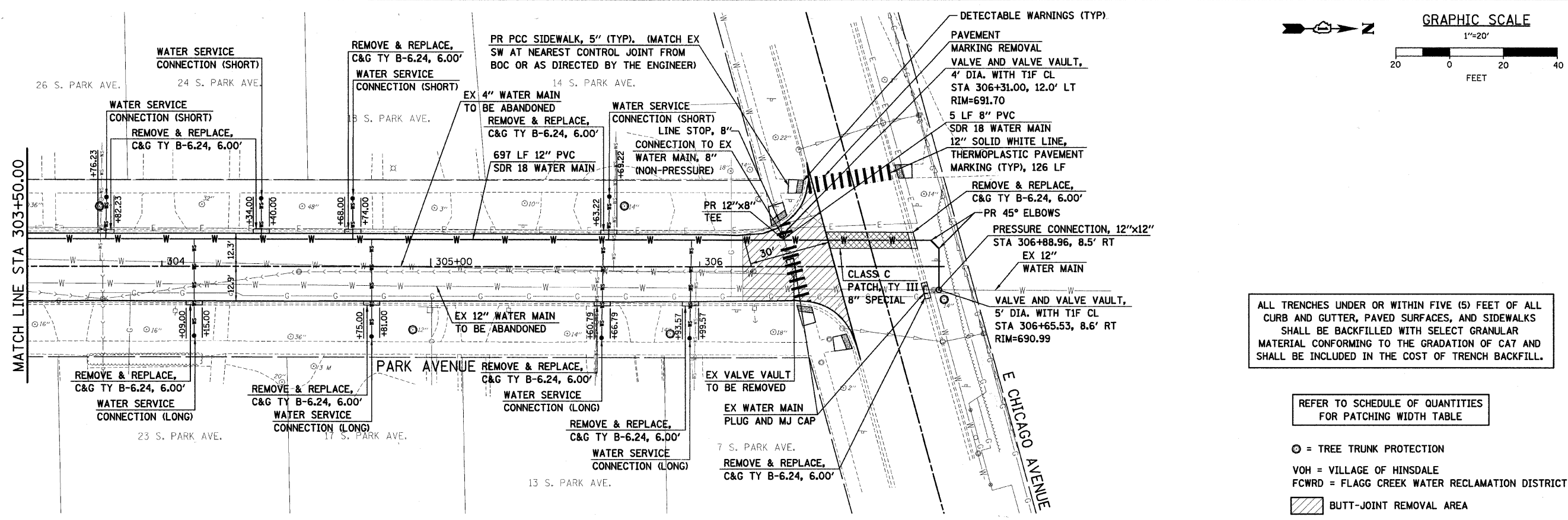
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BY	
REVISIONS	
PLAN	
NOTE BOOK	
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DATE	
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	USER NAME = s.johnson DESIGNED - DRAWN - SVJ CHECKED - GT DATE - 8/13/09	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	PARK AVENUE UTILITY PLAN AND PROFILE	F.A.U. RTE. 2678 SECTION NO. 08-00086-00-RS COUNTY DUPAGE TOTAL SHEETS 65 SHEET NO. 51 CONTRACT NO. 63297
	PLOT SCALE = 1"=20' PLOT DATE = 8/13/2009	SCALE: 1"=20' SHEET NO. 51 OF 65 SHEETS STA. 300+00.00 TO STA. 303+50.00			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

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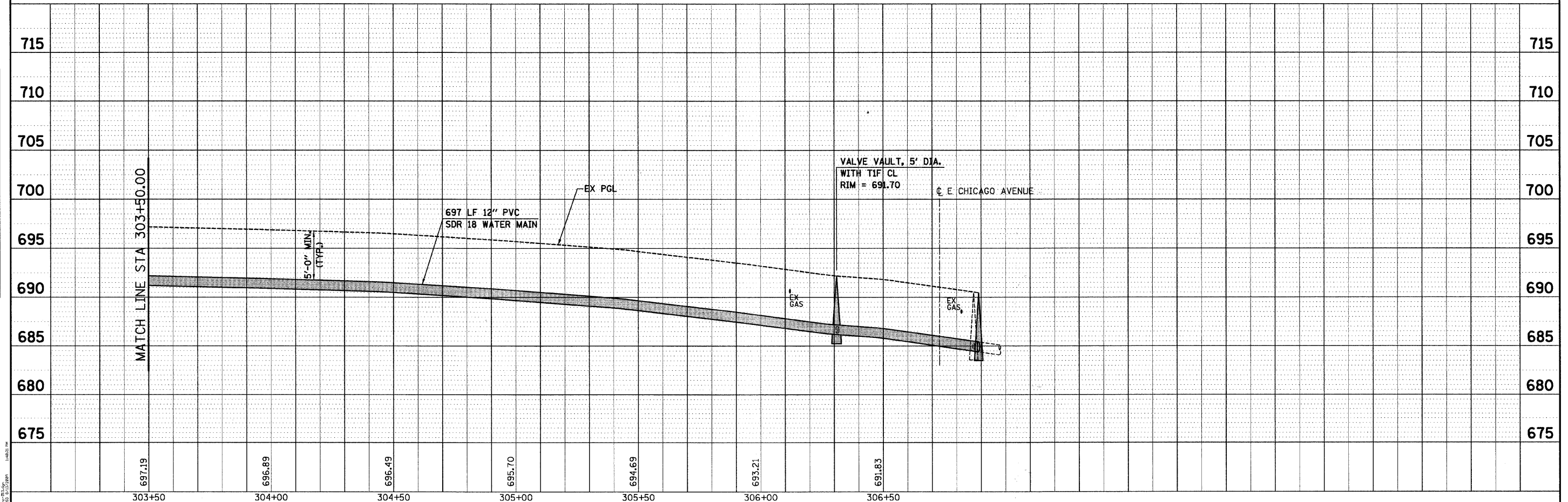
PROFILE	REVISIONS	DATE
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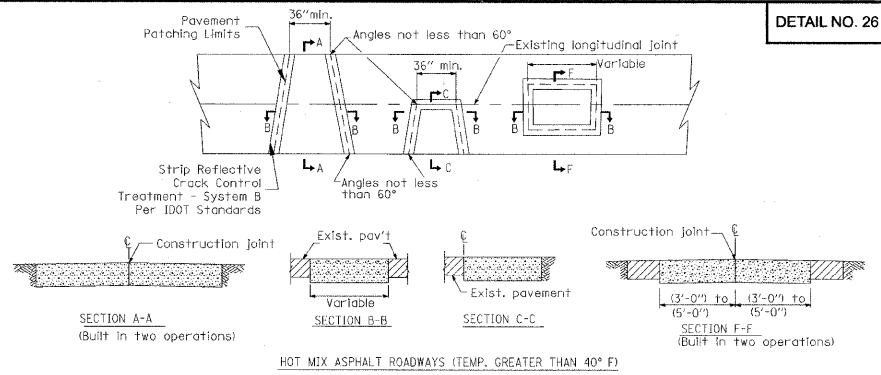
ALL TRENCHES UNDER OR WITHIN FIVE (5) FEET OF ALL CURB AND GUTTER, PAVED SURFACES, AND SIDEWALKS SHALL BE BACKFILLED WITH SELECT GRANULAR MATERIAL CONFORMING TO THE GRADATION OF CAT AND SHALL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

REFER TO SCHEDULE OF QUANTITIES FOR PATCHING WIDTH TABLE

- = TREE TRUNK PROTECTION
- VOH = VILLAGE OF HINSDALE
- FCWRD = FLAGG CREEK WATER RECLAMATION DISTRICT
- ▨ BUTT-JOINT REMOVAL AREA

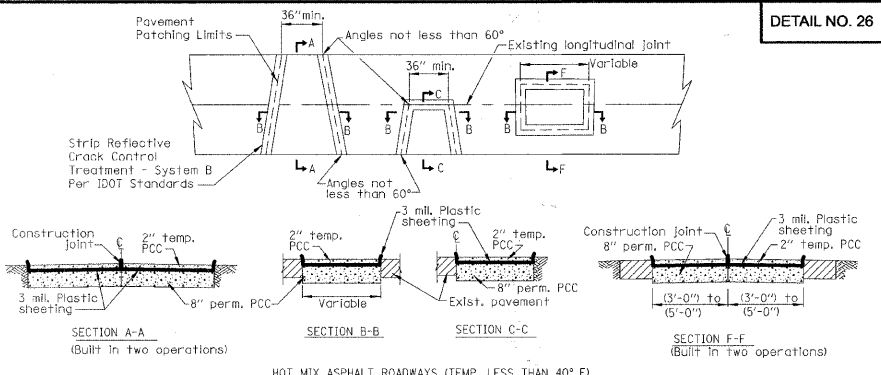


<p>SEC Group, Inc. Engineering Planning Landscape Architecture McHenry • Yorkville • New Lenox • Chicago www.secgroupinc.com</p>	USER NAME = s.johnson	DESIGNED -	REVISED -	VILLAGE OF HINSDALE DUPAGE COUNTY, ILLINOIS GARFIELD STREET, FIRST STREET, & PARK AVENUE	PARK AVENUE UTILITY PLAN AND PROFILE	F.A.U. RTE. 2678	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 52
	PLANT SCALE = 1"=20'	DRAWN - SVJ	REVISED -			CONTRACT NO. 63297				
	PLANT DATE = 8/13/2009	CHECKED - GT	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		DATE = 8/13/09	REVISED -							



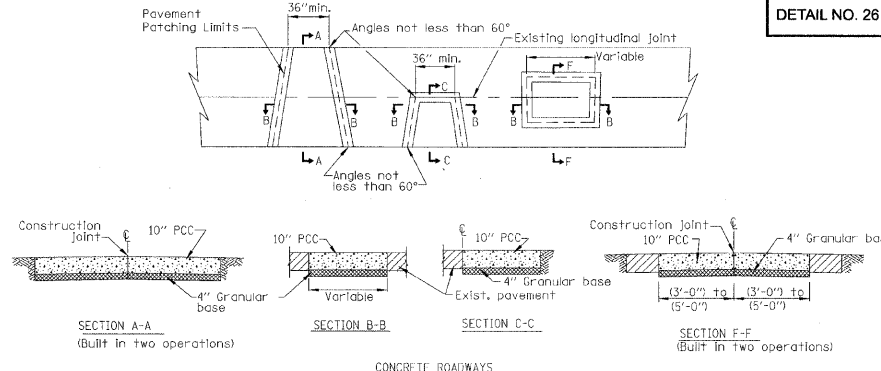
GENERAL NOTES:
 1. All pavements must be saw cut using a wet saw prior to any excavation.
 2. All Street patches must be inspected prior to placement of hot mix asphalt materials.
 3. All granular backfill must be compacted through jettling or tamping.
 4. Granular material will not be permitted as a temporary surface material. Steel plates, cold mix asphalt, or other materials approved by the Village Engineer shall be utilized.
 5. In locations where bituminous patches will be overlaid with bituminous surface course, strip reflective crack control treatment shall be applied to all pavement joints and centered along the respective joints.
 6. In locations where the pavement patch will not be overlaid, two (2) inches of bituminous surface course shall be laid in the final lift of the patch.
 7. The depth of the bituminous pavement patch shall match the full depth of the existing pavement, but shall not be less than the Village Standard for the respective pavement section.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 PAVEMENT PATCHING
 SHEET 1
 REV: [blank]
 DATE: APRIL 2008
 FILE: TRANS#PAVE-PATCH



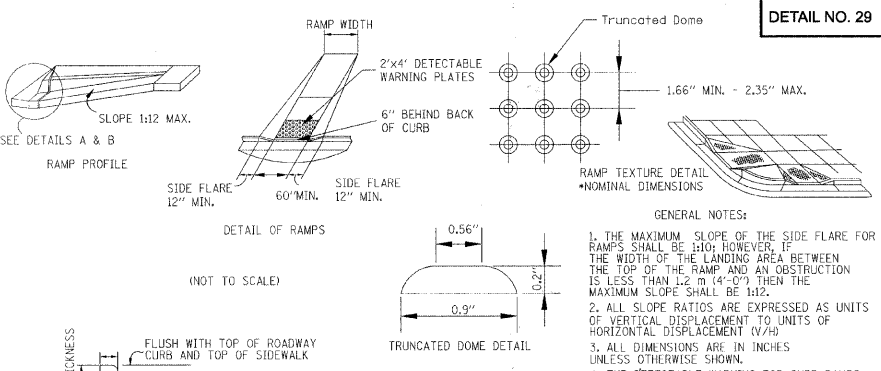
GENERAL NOTES:
 1. All pavements must be saw cut using a wet saw prior to any excavation.
 2. All Street patches must be inspected prior to placement of patching materials.
 3. All granular backfill must be compacted through jettling or tamping.
 4. Granular material will not be permitted as a temporary surface material. Steel plates, cold mix asphalt, or other materials approved by the Village Engineer shall be utilized.
 5. Once the 8" permanent PCC has been placed, 2 sheets of 3 mil polyethylene plastic shall be placed over the concrete. The polyethylene sheeting shall be approximately 12" longer than the width and length of the patch.
 6. Once the 8" PCC lift has cured, a second 2" temporary PCC lift shall be placed. A steel plate shall be placed over the concrete until cured. When temperatures permit, the 2" temporary PCC lift shall be removed and replaced with hot mix asphalt surface mix.
 7. In locations where bituminous patches will be overlaid with bituminous surface course, strip reflective crack control treatment shall be applied to all pavement joints and centered along the respective joints.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 PAVEMENT PATCHING
 SHEET 2
 REV: [blank]
 DATE: APRIL 2008
 FILE: TRANS#PAVE-PATCH

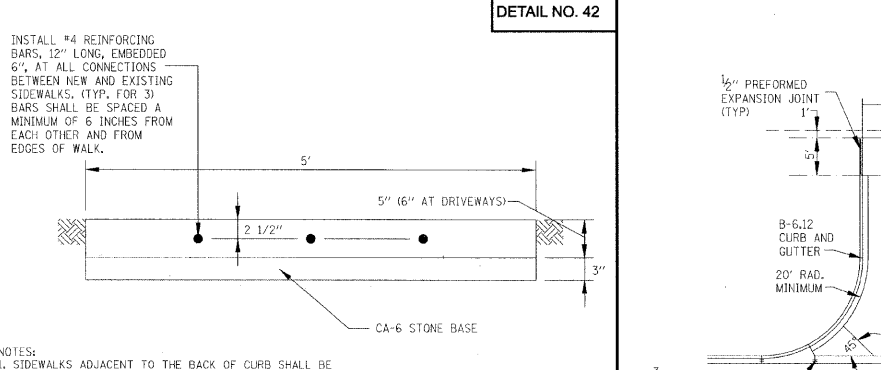


GENERAL NOTES:
 1. Existing tie bars shall be either cut or removed. Marginal bars shall be cut.
 2. Concrete patches shall be poured to a minimum thickness of 10" over a minimum of 4" compacted granular base.
 3. A steel plate shall be placed over the patch after the completion of the concrete placement. The steel plate shall be fixed in place and appropriate warning devices shall be erected. In the event of significant pavement slope or when the plate is moving due to traffic, cold patch should be used to ramp the plate to hold it in place.
 4. The steel plate shall remain in place for a minimum of 3 calendar days for curing of the concrete. The steel plates shall be removed in a timely manner following the minimum curing period.

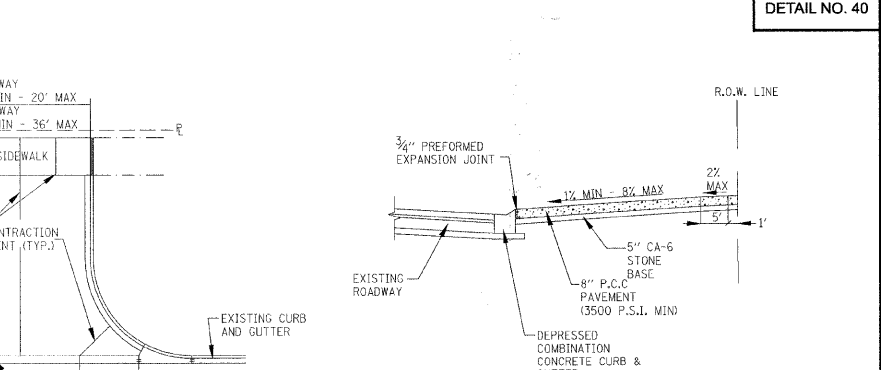
VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 PAVEMENT PATCHING
 SHEET 3
 REV: [blank]
 DATE: APRIL 2008
 FILE: TRANS#PAVE-PATCH



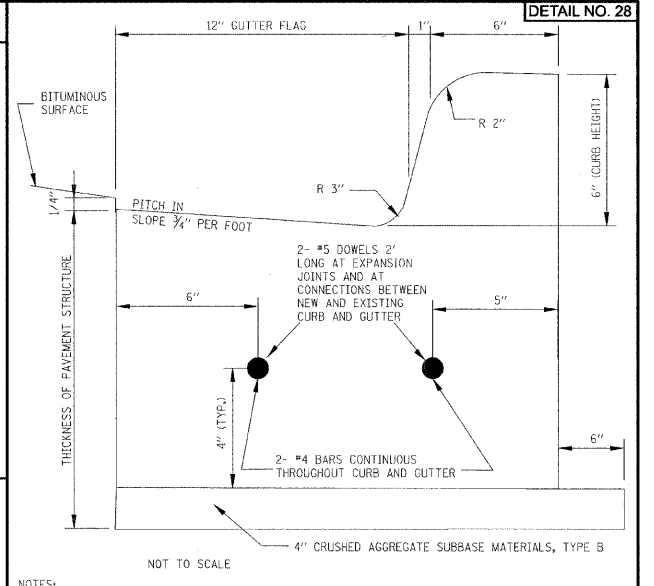
VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR CURB RAMPS
 ACCESSIBLE TO THE
 DISABLED
 REV: [blank]
 DATE: APRIL 2008
 FILE: TRANS#CURB-RAMPS



VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 SIDEWALK
 REV: [blank]
 DATE: APRIL 2008
 FILE: MISC#SIDEWALK

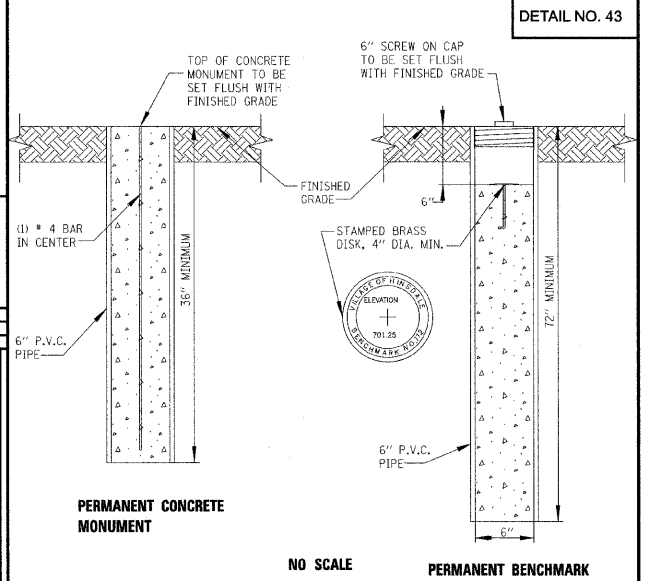


VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 COMMERCIAL
 ENTRANCE
 REV: [blank]
 DATE: APRIL 2008
 FILE: TRANS#COM ENT



NOTES:
 1. ALL CURB AND GUTTER SHALL BE CONSTRUCTED WITH IDOT CLASS S1 CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 14 DAYS. PROVIDE AND TEST 3 CYLINDERS FOR EACH DAY'S POUR, OR 50 CUBIC YARDS, WHICHEVER IS LESS.
 2. CONTRACTION JOINTS SHALL BE SAW-CUT AT MAXIMUM 20' INTERVALS AND CAULKED.
 3. PREFORMED EXPANSION JOINTS, 3/4" THICK, SHALL BE PLACED FIVE FEET EITHER SIDE OF STORM STRUCTURES IN CURB AND GUTTER, AT CURB RETURNS AND AT POINTS OF CURVATURE, AT ALL CONNECTIONS BETWEEN NEW AND EXISTING CURB AND GUTTER, AND AT 200' INTERVALS ON TANGENTS.
 4. CURB AND GUTTER AT STORM STRUCTURES SHALL BE BOXED-OUT A MINIMUM OF 5' ON EACH SIDE OF STRUCTURE AND HAND-FORMED BETWEEN EXPANSION JOINTS. FORMS SHALL BE PLACED AND INSPECTED BY VILLAGE PRIOR TO POURING CONCRETE. STRUCTURE FRAMES SHALL BE PLACED AND ADJUSTED PRIOR TO THIS INSPECTION.
 5. THE FOLLOWING SHALL BE STAMPED IN THE CURB AT THE INDICATED LOCATIONS:
 "W" FOR WATER SERVICES
 "S" FOR SANITARY SEWER SERVICES
 "CO" FOR STORM SEWER SERVICE LINE CLEAN-OUTS
 "WV" FOR WATER VALVE VAULTS
 "SM" FOR SANITARY MANHOLES
 6. DOWELS AT EXPANSION JOINTS SHALL BE CENTERED ON THE JOINT (DRILLED INTO EXISTING CURB AND GUTTER), AND SHALL BE INSTALLED WITH GREASE CAPS ON ONE SIDE.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR BARRIER
 COMBINATION CONCRETE
 CURB AND GUTTER
 TYPE B-6-12
 REV: [blank]
 DATE: APRIL 2008
 FILE: TRANS#B-6-12



NOTES:
 1. PERMANENT CONCRETE MONUMENTS SHALL BE PLACED AT ALL CORNERS AND CHANGES IN BEARING OF THE EXTERIOR BOUNDARY.
 2. A MINIMUM OF ONE PERMANENT BENCHMARK SHALL BE ESTABLISHED FOR EACH 50 ACRES, OR FRACTION THEREOF, SUBDIVIDED, AT A LOCATION DESIGNATED ON THE CONSTRUCTION PLANS AND APPROVED BY THE VILLAGE ENGINEER.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 PERMANENT
 MONUMENT
 REV: [blank]
 DATE: APRIL 2008
 FILE: MISC#PERM-MON



USER NAME = s.johnson	DESIGNED -	REVISED -
PLOT SCALE = NONE	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE

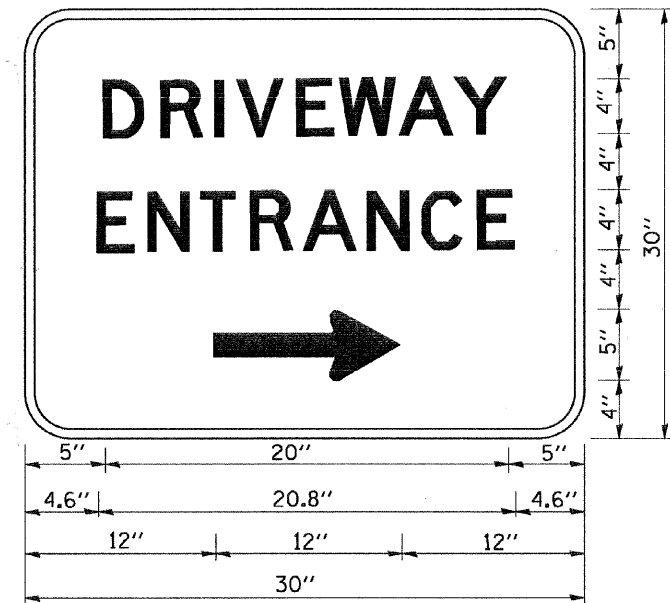
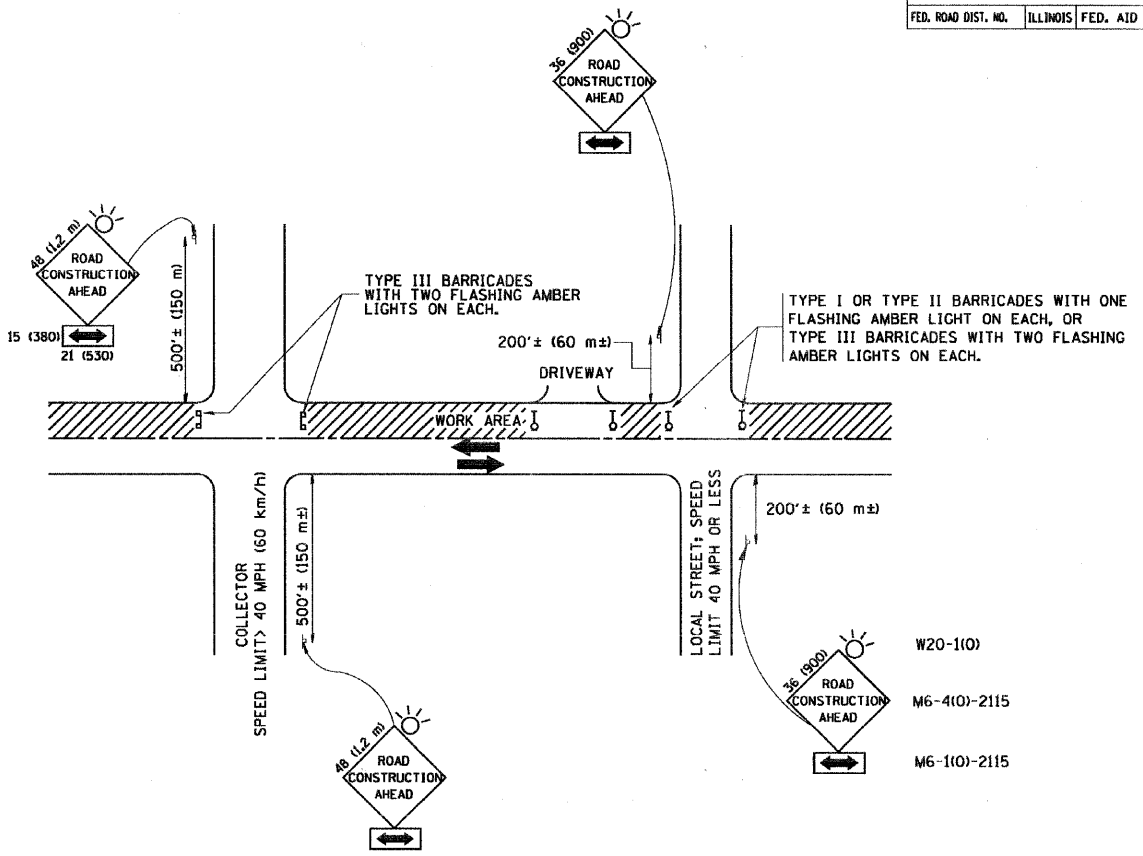
STANDARD CONSTRUCTION DETAILS

SCALE: NONE	SHEET NO. 53 OF 65 SHEETS	STA. TO STA.
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F.A.U. RTE. 167B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 53
FED. ROAD DIST. NO. [blank]		ILLINOIS FED. AID PROJECT		CONTRACT NO. 63297

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	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**
- 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:
 - 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.
 - 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.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
 - 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.

REVISIONS	
NAME	DATE
LHA	6/789
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE
 DRAWN BY: [blank]
 CHECKED BY: [blank]
 TC-10

REVISIONS	
NAME	DATE
C. JUCIUS	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE
 DATE: [blank]
 DRAWN BY: R.H.
 CHECKED BY: [blank]
 TC-26

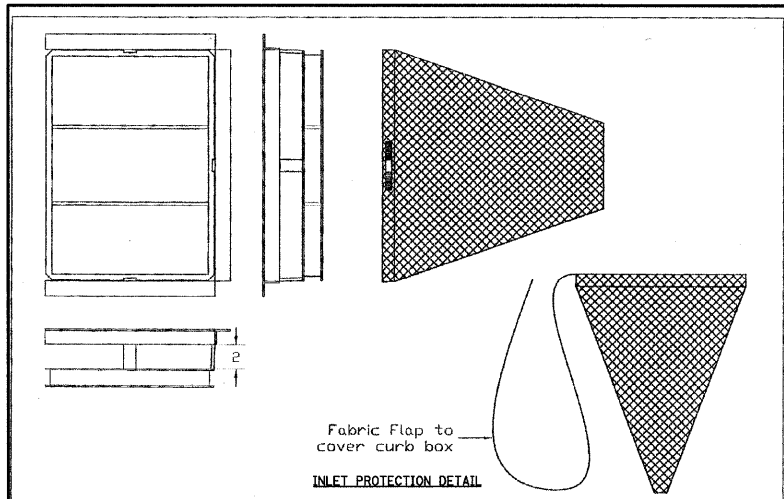
SEC Group, Inc.
 Engineering
 Surveying
 Planning
 Landscape Architecture
 1000 North Yorkville • New York • Chicago
 www.secgroupinc.com

USER NAME = s.johnson	DESIGNED -	REVISED -
PLOT SCALE = NONE	DRAWN - SVJ	REVISED -
PLOT DATE = 8/14/2009	CHECKED - GT	REVISED -
	DATE - 8/14/09	REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

STANDARD CONSTRUCTION DETAILS			
SCALE: NONE	SHEET NO. 54 OF 65 SHEETS	STA.	TO STA.

F.A.V. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00086-00-RS	DUPAGE	65	54
CONTRACT NO. 63297				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

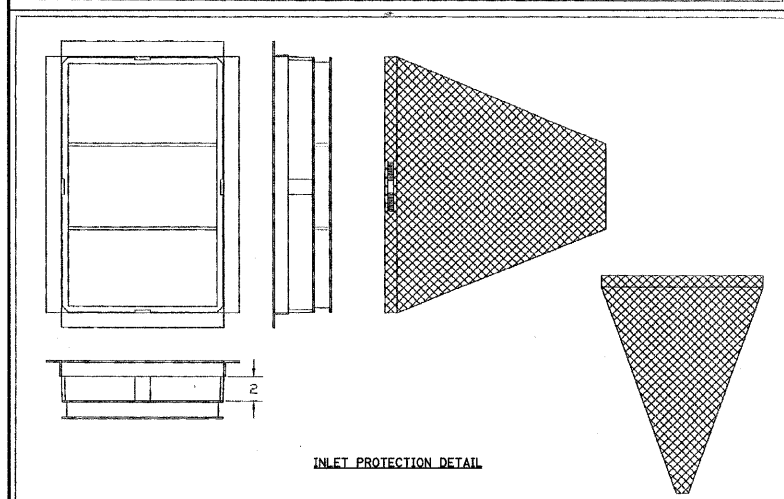


INLET PROTECTION DETAIL

GENERAL NOTES:
 FRAME: Top Flange fabricated from 1 1/2"x1 1/2"x1/4" angle. Base rim fabricated from 1 1/2"x1 1/2"x1/4" channel. Handles and suspension brackets fabricated from 1/2"x1/2" flat stock. All steel conforming to ASTM-A36.
 SEDIMENT BAG: Bag fabricated from 4 oz./sqyd. non-woven polypropylene geotextile reinforced with polyester mesh. Bag secured to base rim with a stainless steel band and lock.

DATE	REVISIONS
01-11-02	Original
05-07-04	Remove Back Rail

Typical Curb Box
INLET SEDIMENTATION BAGS

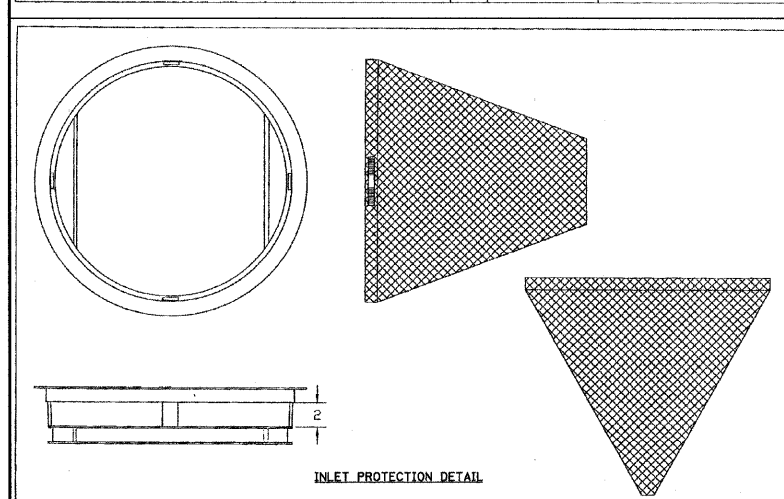


INLET PROTECTION DETAIL

GENERAL NOTES:
 FRAME: Top Flange fabricated from 1 1/2"x1 1/2"x1/4" angle. Base rim fabricated from 1 1/2"x1 1/2"x1/4" channel. Handles and suspension brackets fabricated from 1/2"x1/2" flat stock. All steel conforming to ASTM-A36.
 SEDIMENT BAG: Bag fabricated from 4 oz./sqyd. non-woven polypropylene geotextile reinforced with polyester mesh. Bag secured to base rim with a stainless steel band and lock.

DATE	REVISIONS
01-11-02	Original

Typical Rectangular
INLET SEDIMENTATION BAGS

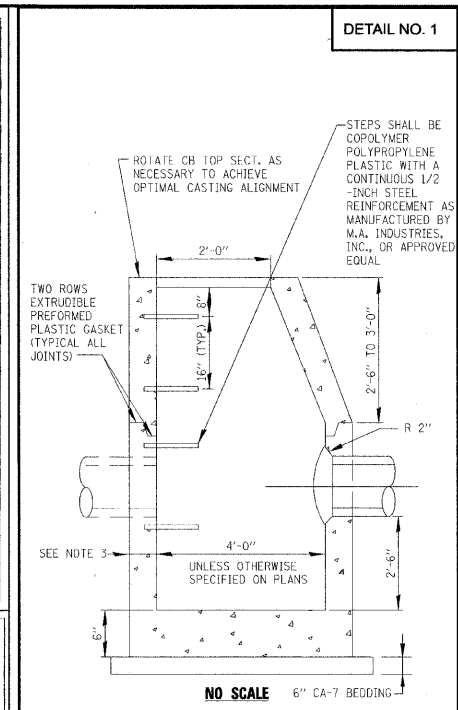


INLET PROTECTION DETAIL

GENERAL NOTES:
 FRAME: Top Flange fabricated from 1 1/2"x1 1/2"x1/4" angle. Base rim fabricated from 1 1/2"x1 1/2"x1/4" channel. Handles and suspension brackets fabricated from 1/2"x1/2" flat stock. All steel conforming to ASTM-A36.
 SEDIMENT BAG: Bag fabricated from 4 oz./sqyd. non-woven polypropylene geotextile reinforced with polyester mesh. Bag secured to base rim with a stainless steel band and lock.

DATE	REVISIONS
01-11-02	Original

Typical Round
INLET SEDIMENTATION BAGS



DETAIL NO. 1

STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC WITH A CONTINUOUS 1/2" INCH STEEL REINFORCEMENT AS MANUFACTURED BY M.A. INDUSTRIES, INC., OR APPROVED EQUAL.

ROTATE OR TOP SECT. AS NECESSARY TO ACHIEVE OPTIMAL CASTING ALIGNMENT.

2'-0"

4'-0" MAXIMUM

2'-6" TO 3'-0"

R 2"

2'-6"

2'-0"

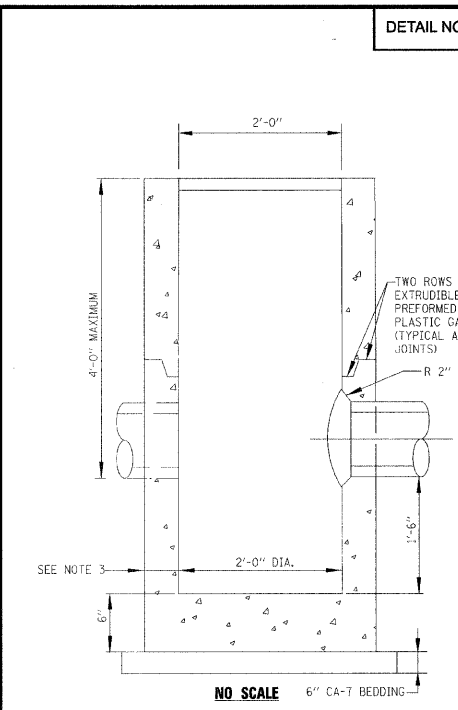
6" CA-7 BEDDING

NO SCALE

NOTES:
 1. SEE CASTING INSTALLATION AND ADJUSTMENT DETAIL FOR CASTING REQUIREMENTS.
 2. STRUCTURE SHALL COMPLY WITH ASTM C478.
 3. WALL THICKNESS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 602001

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 CATCH BASIN, TYPE A

REV.	DATE	FILE
1	APRIL 2008	STORM#CDB1-A



DETAIL NO. 2

2'-0"

4'-0" MAXIMUM

2'-0" DIA.

2'-0" DIA.

1'-6"

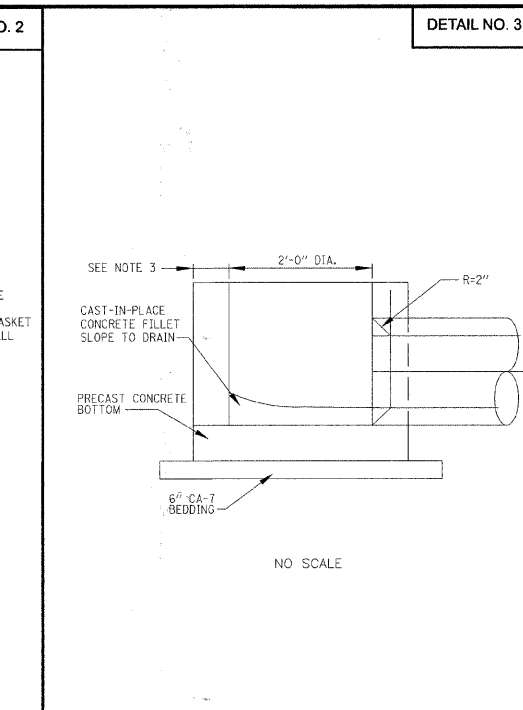
6" CA-7 BEDDING

NO SCALE

NOTES:
 1. SEE CASTING INSTALLATION AND ADJUSTMENT DETAIL FOR CASTING REQUIREMENTS.
 2. STRUCTURE SHALL COMPLY WITH ASTM C478.
 3. WALL THICKNESS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 602001

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 CATCH BASIN, TYPE C

REV.	DATE	FILE
1	APRIL 2008	STORM#CDB1-C



DETAIL NO. 3

3'-0" MIN. COVER

2'-0" DIA.

R=2"

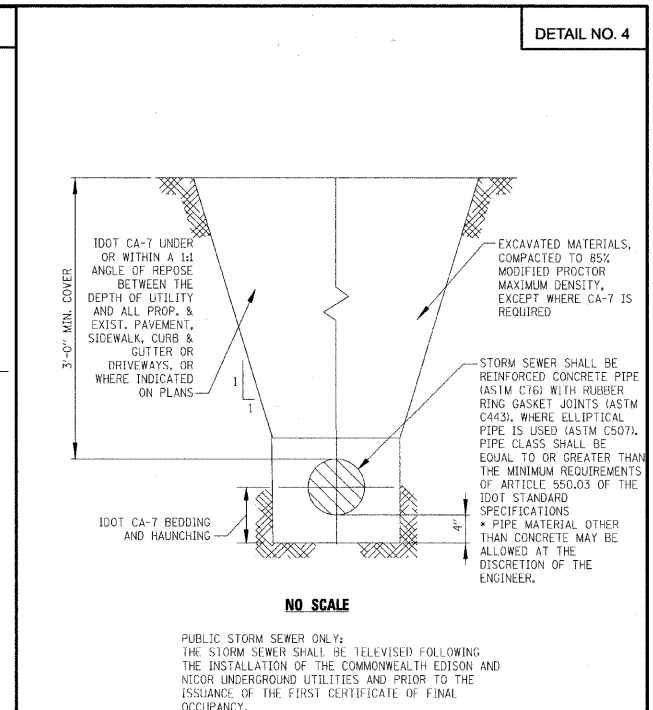
6" CA-7 BEDDING

NO SCALE

NOTES:
 1. SEE CASTING INSTALLATION AND ADJUSTMENT DETAIL FOR CASTING REQUIREMENTS.
 2. STRUCTURE SHALL COMPLY WITH ASTM C478.
 3. WALL THICKNESS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 602001

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 INLETS

REV.	DATE	FILE
1	APRIL 2008	STORM#INLET



DETAIL NO. 4

3'-0" MIN. COVER

NO SCALE

EXCAVATED MATERIALS, COMPACTED TO 85% MODIFIED PROCTOR MAXIMUM DENSITY, EXCEPT WHERE CA-7 IS REQUIRED.

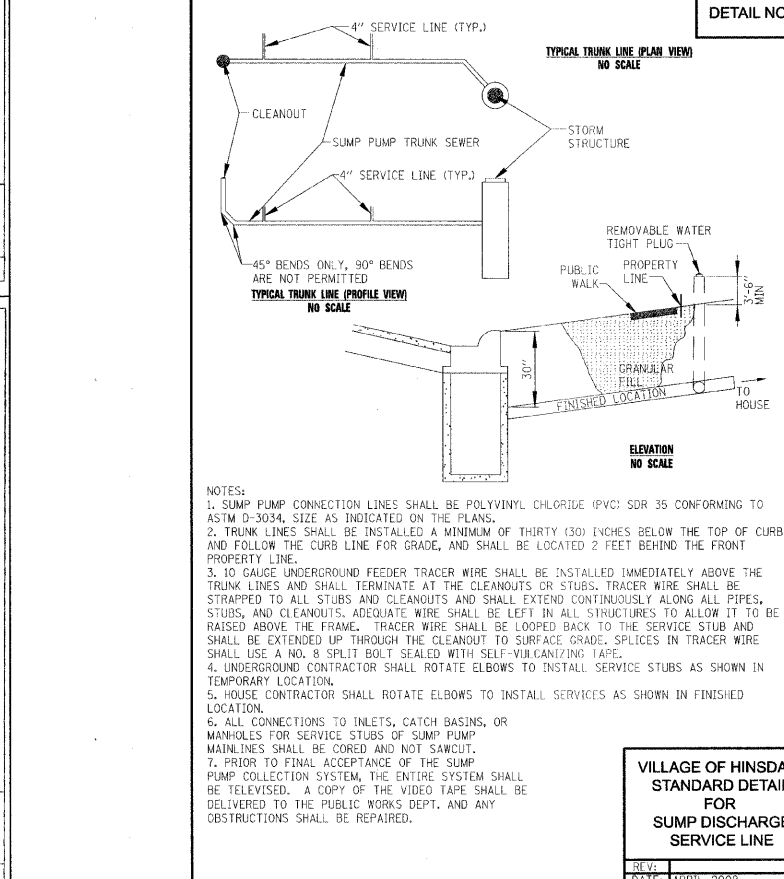
STORM SEWER SHALL BE REINFORCED CONCRETE PIPE (ASTM C76) WITH RUBBER RING GASKET JOINTS (ASTM C443). WHERE ELLIPTICAL PIPE IS USED (ASTM C507), PIPE CLASS SHALL BE EQUAL TO OR GREATER THAN THE MINIMUM REQUIREMENTS OF ARTICLE 550.03 OF THE IDOT STANDARD SPECIFICATIONS.

PIPE MATERIAL OTHER THAN CONCRETE MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER.

PUBLIC STORM SEWER ONLY:
 THE STORM SEWER SHALL BE TELEVIEWED FOLLOWING THE INSTALLATION OF THE COMMONWEALTH EDISON AND NICOR UNDERGROUND UTILITIES AND PRIOR TO THE ISSUANCE OF THE FIRST CERTIFICATE OF FINAL OCCUPANCY.
 *NOTE: TELEVIEWING NOT REQUIRED ON PRIVATE STORM SEWER.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 STORM SEWER
 INSTALLATION

REV.	DATE	FILE
1	APRIL 2008	STORM#STS1



DETAIL NO. 5

4" SERVICE LINE (TYP.)

CLEANOUT

SUMP PUMP TRUNK SEWER

STORM STRUCTURE

4" SERVICE LINE (TYP.)

45° BENDS ONLY, 90° BENDS ARE NOT PERMITTED

4" MIN.

30"

FINISHED LOCATION

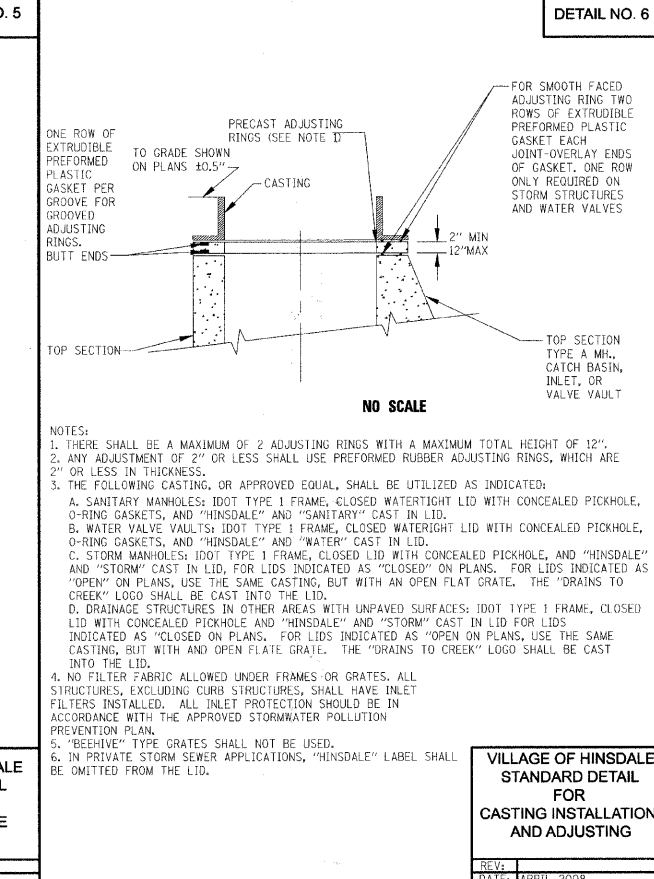
TO HOUSE

ELEVATION NO SCALE

NOTES:
 1. SUMP PUMP CONNECTION LINES SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 CONFORMING TO ASTM D-3034, SIZE AS INDICATED ON THE PLANS.
 2. TRUNK LINES SHALL BE INSTALLED A MINIMUM OF THIRTY (30) INCHES BELOW THE TOP OF CURB AND FOLLOW THE CURB LINE FOR GRADE, AND SHALL BE LOCATED 2 FEET BEHIND THE FRONT PROPERTY LINE.
 3. TO GAUGE UNDERGROUND FEEDER TRACER WIRE SHALL BE INSTALLED IMMEDIATELY ABOVE THE TRUNK LINES AND SHALL TERMINATE AT THE CLEANOUTS OR STUBS. TRACER WIRE SHALL BE STRAPPED TO ALL STUBS AND CLEANOUTS AND SHALL EXTEND CONTINUOUSLY ALONG ALL PIPES, STUBS, AND CLEANOUTS. ADEQUATE WIRE SHALL BE LEFT IN ALL STRUCTURES TO ALLOW IT TO BE RAISED ABOVE THE FRAME. TRACER WIRE SHALL BE LOOPED BACK TO THE SERVICE STUB AND SHALL BE EXTENDED UP THROUGH THE CLEANOUT TO SURFACE GRADE. SPLICES IN TRACER WIRE SHALL USE A NO. 8 SPLIT BOLT SEALED WITH SELF-VULCANIZING TAPE.
 4. UNDERGROUND CONTRACTOR SHALL ROTATE ELBOWS TO INSTALL SERVICE STUBS AS SHOWN IN TEMPORARY LOCATION.
 5. HOUSE CONTRACTOR SHALL ROTATE ELBOWS TO INSTALL SERVICES AS SHOWN IN FINISHED LOCATION.
 6. ALL CONNECTIONS TO INLETS, CATCH BASINS, OR MANHOLES FOR SERVICE STUBS OF SUMP PUMP MAINLINES SHALL BE CORED AND NOT SAWCUT.
 7. PRIOR TO FINAL ACCEPTANCE OF THE SUMP PUMP COLLECTION SYSTEM, THE ENTIRE SYSTEM SHALL BE TELEVIEWED. A COPY OF THE VIDEO TAPE SHALL BE DELIVERED TO THE PUBLIC WORKS DEPT. AND ANY OBSTRUCTIONS SHALL BE REPAIRED.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 SUMP DISCHARGE
 SERVICE LINE

REV.	DATE	FILE
1	APRIL 2008	STORM#SUBMPTS



DETAIL NO. 6

FOR SMOOTH FACED ADJUSTING RING TWO ROWS OF EXTRUDIBLE PREFORMED PLASTIC GASKET EACH JOINT-OVERLAY ENDS OF GASKET. ONE ROW ONLY REQUIRED ON STORM STRUCTURES AND WATER VALVES.

TO GRADE SHOWN ON PLANS ±0.5"

CASTING

2" MIN

12" MAX

TOP SECTION

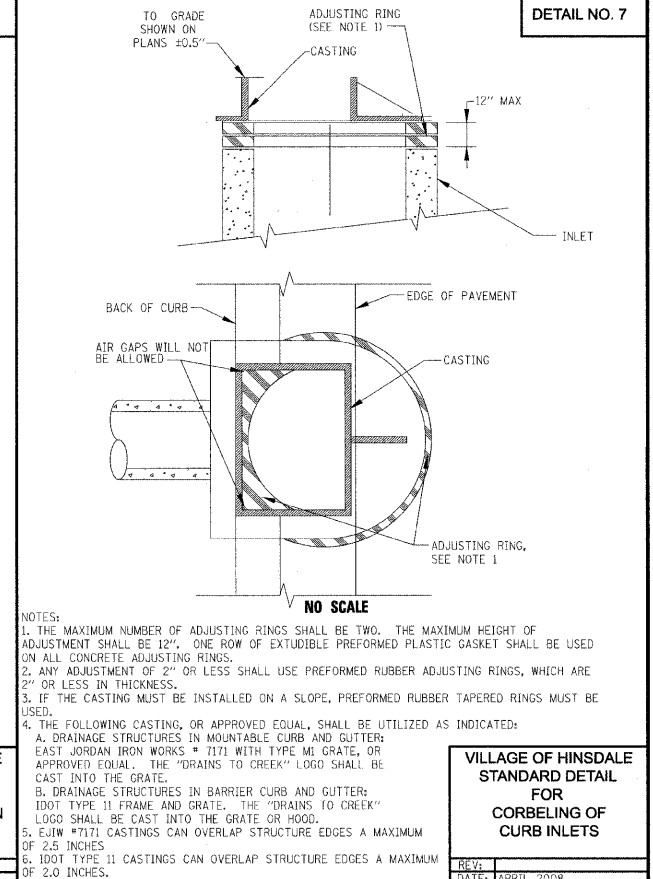
TOP SECTION TYPE A MH, CATCH BASIN, INLET, OR VALVE VAULT

NO SCALE

NOTES:
 1. THERE SHALL BE A MAXIMUM OF 2 ADJUSTING RINGS WITH A MAXIMUM TOTAL HEIGHT OF 12".
 2. ANY ADJUSTMENT OF 2" OR LESS SHALL USE PREFORMED RUBBER ADJUSTING RINGS, WHICH ARE 2" OR LESS IN THICKNESS.
 3. THE FOLLOWING CASTING, OR APPROVED EQUAL, SHALL BE UTILIZED AS INDICATED:
 A. SANITARY MANHOLES: IDOT TYPE 1 FRAME, CLOSED WATERTIGHT LID WITH CONCEALED PICKHOLE, O-RING GASKETS, AND "HINSDALE" AND "SANITARY" CAST IN LID.
 B. WATER VALVE VAULTS: IDOT TYPE 1 FRAME, CLOSED WATERTIGHT LID WITH CONCEALED PICKHOLE, O-RING GASKETS, AND "HINSDALE" AND "WATER" CAST IN LID.
 C. STORM MANHOLES: IDOT TYPE 1 FRAME, CLOSED LID WITH CONCEALED PICKHOLE, AND "HINSDALE" AND "STORM" CAST IN LID, FOR LIDS INDICATED AS "CLOSED" ON PLANS. FOR LIDS INDICATED AS "OPEN" ON PLANS, USE THE SAME CASTING, BUT WITH AN OPEN FLAT GRATE. THE "DRAINS TO CREEK" LOGO SHALL BE CAST INTO THE LID.
 D. DRAINAGE STRUCTURES IN OTHER AREAS WITH UNPAVED SURFACES: IDOT TYPE 1 FRAME, CLOSED LID WITH CONCEALED PICKHOLE AND "HINSDALE" AND "STORM" CAST IN LID FOR LIDS INDICATED AS "CLOSED ON PLANS. FOR LIDS INDICATED AS "OPEN ON PLANS, USE THE SAME CASTING, BUT WITH AN OPEN FLAT GRATE. THE "DRAINS TO CREEK" LOGO SHALL BE CAST INTO THE LID.
 4. NO FILTER FABRIC ALLOWED UNDER FRAMES OR GRATES. ALL STRUCTURES, EXCLUDING CURB STRUCTURES, SHALL HAVE INLET FILTERS INSTALLED. ALL INLET PROTECTION SHOULD BE IN ACCORDANCE WITH THE APPROVED STORMWATER POLLUTION PREVENTION PLAN.
 5. "BEHIVE" TYPE GRATES SHALL NOT BE USED.
 6. IN PRIVATE STORM SEWER APPLICATIONS, "HINSDALE" LABEL SHALL BE OMITTED FROM THE LID.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 CASTING INSTALLATION
 AND ADJUSTING

REV.	DATE	FILE
1	APRIL 2008	STORM#TPCASTADJ



DETAIL NO. 7

TO GRADE SHOWN ON PLANS ±0.5"

ADJUSTING RING (SEE NOTE 1)

CASTING

12" MAX

INLET

BACK OF CURB

EDGE OF PAVEMENT

CASTING

ADJUSTING RING, SEE NOTE 1

NO SCALE

NOTES:
 1. THE MAXIMUM NUMBER OF ADJUSTING RINGS SHALL BE TWO. THE MAXIMUM HEIGHT OF ADJUSTMENT SHALL BE 12". ONE ROW OF EXTRUDIBLE PREFORMED PLASTIC GASKET SHALL BE USED ON ALL CONCRETE ADJUSTING RINGS.
 2. ANY ADJUSTMENT OF 2" OR LESS SHALL USE PREFORMED RUBBER ADJUSTING RINGS, WHICH ARE 2" OR LESS IN THICKNESS.
 3. IF THE CASTING MUST BE INSTALLED ON A SLOPE, PREFORMED RUBBER TAPERED RINGS MUST BE USED.
 4. THE FOLLOWING CASTING, OR APPROVED EQUAL, SHALL BE UTILIZED AS INDICATED:
 A. DRAINAGE STRUCTURES IN MOUNTABLE CURB AND GUTTER: EAST JORDAN IRON WORKS # 7171 WITH TYPE M1 GRATE, OR APPROVED EQUAL. THE "DRAINS TO CREEK" LOGO SHALL BE CAST INTO THE GRATE.
 B. DRAINAGE STRUCTURES IN BARRIER CURB AND GUTTER: IDOT TYPE 11 FRAME AND GRATE. THE "DRAINS TO CREEK" LOGO SHALL BE CAST INTO THE GRATE OR HOOD.
 5. EJW #7171 CASTINGS CAN OVERLAP STRUCTURE EDGES A MAXIMUM OF 2.5 INCHES.
 6. IDOT TYPE 11 CASTINGS CAN OVERLAP STRUCTURE EDGES A MAXIMUM OF 2.0 INCHES.

VILLAGE OF HINSDALE
 STANDARD DETAIL
 FOR
 CORBELING OF
 CURB INLETS

REV.	DATE	FILE
1	APRIL 2008	STORM#TPCORB



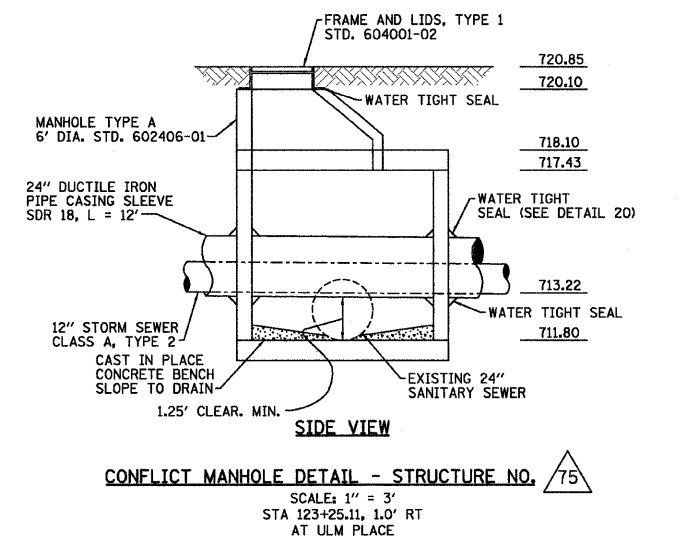
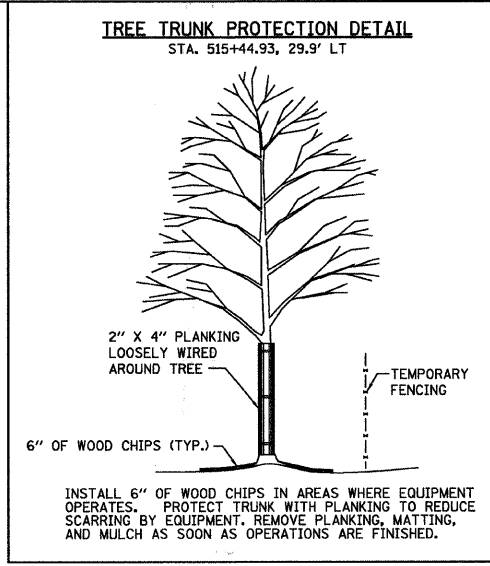
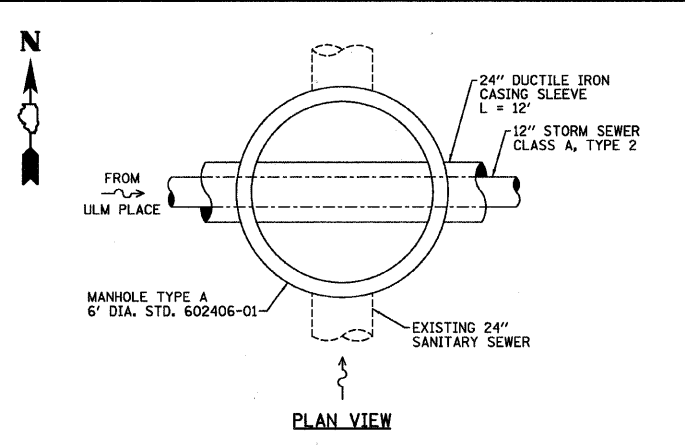
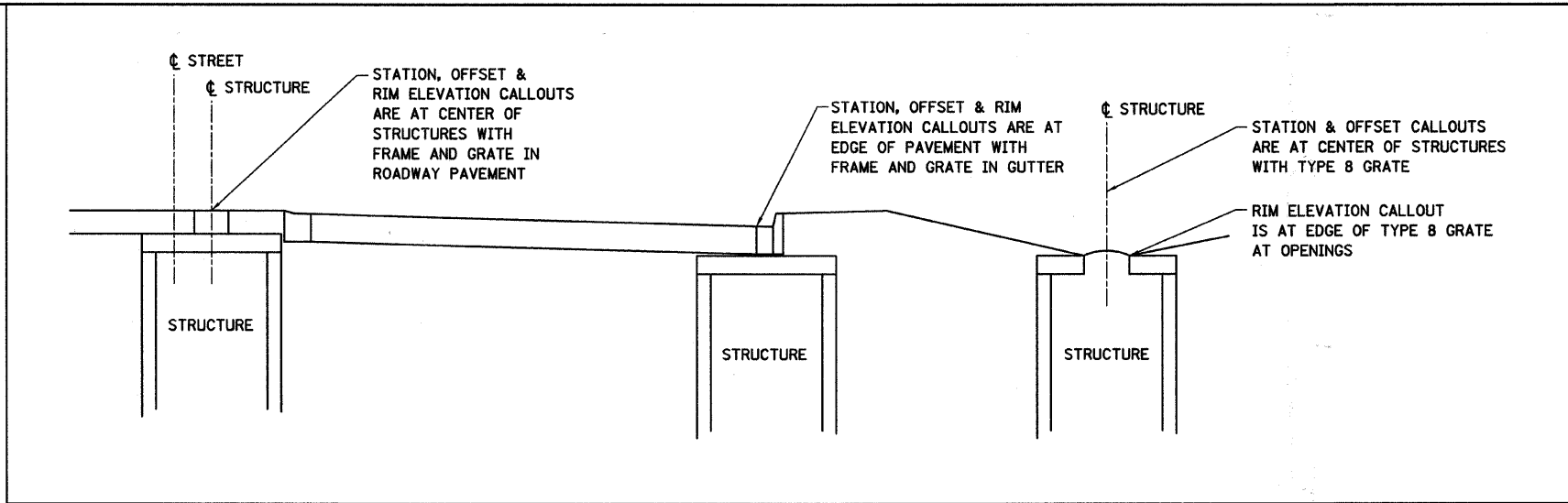
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PLOT SCALE = NONE	DRAWN - SVJ	REVISED -
PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE = 8/13/09	REVISED -

VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE

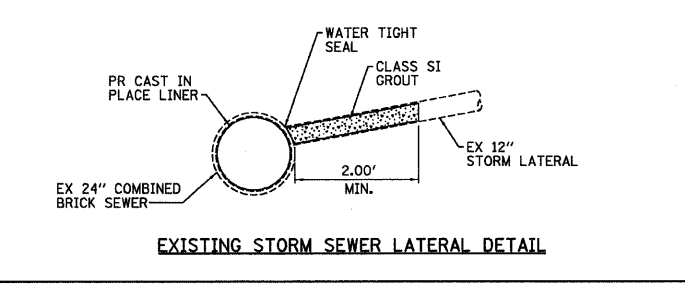
STANDARD STORM SEWER DETAILS

SCALE: NONE SHEET NO. 55 OF 65 SHEETS STA. TO STA.

F.A.U. RTE. 267B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 55
FED. ROAD DIST. NO. [ILLINOIS]	FED. AID PROJECT	CONTRACT NO. 632971		



- NOTE:
- SANITARY MANHOLES SHALL HAVE WATERSTOP GASKETS CAST INTO STRUCTURES AT ALL PIPE PENETRATIONS. (SEE MANHOLE PIPE CONNECTION DETAIL)
 - SANITARY MANHOLES SHALL HAVE CRETEX INTERNAL CHIMNEY SEALS AND PARSONS RAINSTOPPER INSERTS OR EQUAL.
 - SANITARY MANHOLES SHALL HAVE INTEGRAL BASES.
 - MANHOLE BARREL JOINTS SHALL BE TONGUE AND GROOVE TYPE WITH TWO ROWS OF EXTRUDIBLE PREFORMED PLASTIC GASKET MATERIAL (BUTYL ROPE).
 - MACWRAP EXTERNAL JOINT SEALING BANDS IN ACCORDANCE WITH ASTM C-877, OR APPROVED EQUIVALENT, MUST BE PROVIDED AT SANITARY MANHOLE JOINTS.
 - STORM MANHOLES SHALL HAVE A WALL THICKNESS OF 6" FOR 5' DIAMETER STRUCTURES AND 7" FOR 6' DIAMETER STRUCTURES
 - SANITARY MANHOLES SHALL PASS VACUUM-TESTING PER ASTM C-1244.
 - SEE CASTING INSTALLATION AND ADJUSTING DETAIL FOR CASTING REQUIREMENTS.



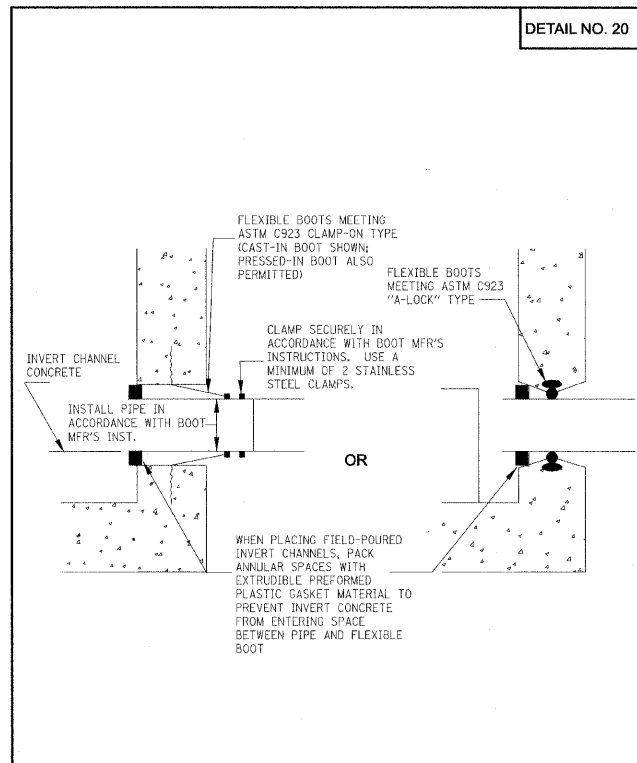
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PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

**VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE**

STANDARD STORM SEWER DETAILS

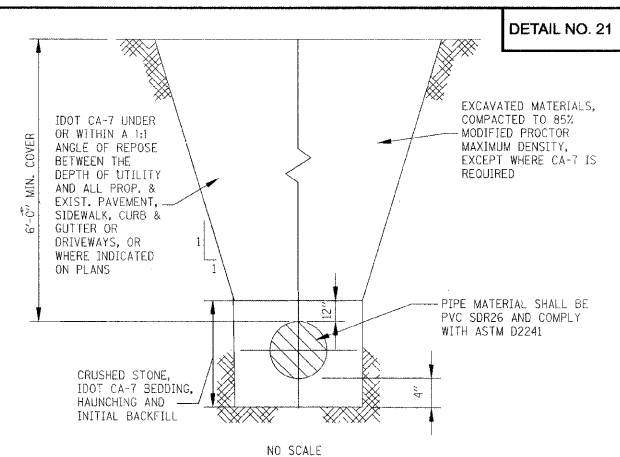
SCALE: NONE SHEET NO. 56 OF 65 SHEETS STA. TO STA.

F.A.V. RTE. 167B	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 56
CONTRACT NO. 63297				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**VILLAGE OF HINSDALE
STANDARD DETAIL
FOR
SANITARY MANHOLE PIPE
CONNECTION**

REV: _____
DATE: APRIL 2008
FILE: SANITARY#SMHPLC

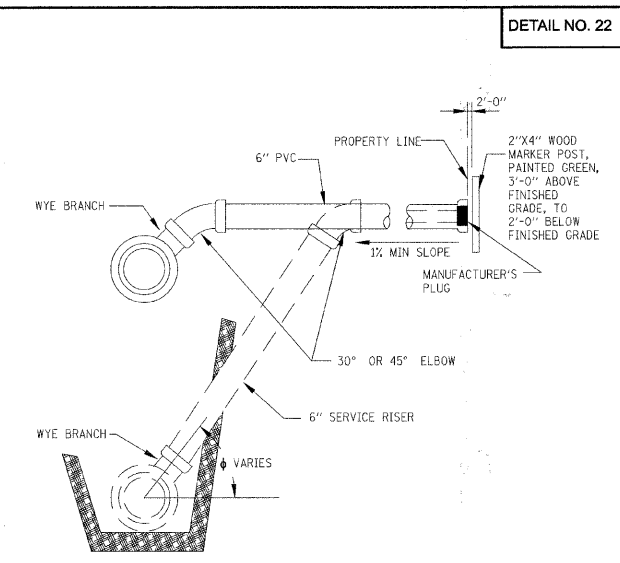


NOTES:
1. JOINTS FOR GRAVITY SANITARY SEWER SHALL USE PUSH ON BELL AND SPIGOT TYPE WITH RUBBER RING GASKETS CONFORMING TO ASTM D3139 AND ASTM F477 FOR SDR 26 APPLICATIONS.
2. WHERE INDICATED ON THE PLANS, SANITARY SEWER PRESSURE PIPE SHALL COMPLY WITH ASTM D2241 FOR 160 PSI PRESSURE RATED PIPE SDR 26, MADE OF TYPE 1, GRADE 1 POLYVINYL CHLORIDE CONFORMING TO ASTM D1784. JOINTS SHALL USE PUSH-ON BELL AND SPIGOT TYPE WITH RUBBER RING SEAL GASKETS CONFORMING TO ASTM D3139.
3. GRAVITY SANITARY SEWER FITTINGS SHALL COMPLY WITH ASTM D3139 WITH A SDR OF 26. THE FITTINGS SHALL BE MADE WITH MANUFACTURER'S STANDARD PIPE BELLS AND GASKETS. GRAVITY SEWER RISERS AND SERVICE PIPE AND FITTINGS SHALL COMPLY WITH ASTM D2241 WITH A SDR OF 26.
4. PRESSURE SANITARY SEWER FITTINGS SHALL BE FACTORY FABRICATED WITH ATTACHED MAIN LINE COUPLING, WITH SAME RATING AS PIPE. PRESSURE SEWER RISERS AND SERVICE PIPE AND FITTINGS SHALL COMPLY WITH ASTM D2241, 160 PSI PRESSURE RATED, SDR 26 PIPE. SEPARATE NOTIFICATION SHALL BE PROVIDED TO PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLING PRESSURE SANITARY SEWERS.
5. ALL SANITARY SEWERS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH ARTICLE 31-1.1B(3) OF THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN ILLINOIS, FIFTH EDITION; AND DEFLECTION TESTED IN ACCORDANCE WITH ARTICLE 31-1.1B(4) OF THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN ILLINOIS, FIFTH EDITION. DEFLECTION TESTING SHALL BE DONE NO SOONER THAN 30 DAYS AFTER THE PIPE HAS BEEN BACKFILLED. NO SOONER THAN 30 DAYS AFTER SEWERS HAVE BEEN INSTALLED, THEY SHALL BE INSPECTED BY CLOSED CIRCUIT COLOR TELEVISION TO DETERMINE IF ANY PIPE INSTALLATION DEFECTS HAVE OCCURRED, AND TO DETERMINE THE LOCATION OF SERVICES. ONE COPY OF THE VIDEOTAPE AND WRITTEN INSPECTION REPORT SHALL BE FURNISHED TO THE VILLAGE.
6. SEWER PLUGS SHALL BE INSTALLED AT DOWNSTREAM ENDS OF ALL NEW SEWERS AND LEFT IN PLACE UNTIL VILLAGE ACCEPTS SEWERS. SEWER PLUGS SHALL BE INSTALLED AT UPSTREAM ENDS OF NEW SEWERS AT THE END OF EACH DAY'S WORK.

• THE VILLAGE RESERVES THE RIGHT TO REQUIRE ALTERNATE SANITARY SEWER PIPE AND JOINT MATERIALS AS IT DEEMS NECESSARY

**VILLAGE OF HINSDALE
STANDARD DETAIL
FOR
SANITARY SEWER
INSTALLATION**

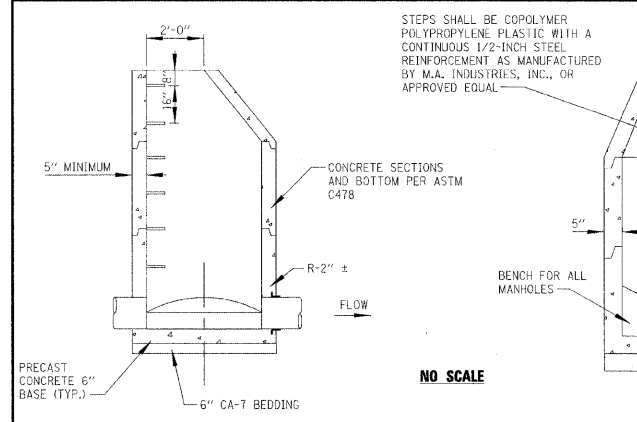
REV: _____
DATE: APRIL 2008
FILE: SANITARY#SSI



NOTES:
1. IF $\theta < 45^\circ$ USE PVC PUSH-ON JOINT WYE, P.V.C. ELBOW, P.V.C. RISER PIPE & P.V.C. TOP ELBOW.
2. IF $\theta > 45^\circ$ USE DUCTILE IRON M.J. TEE WITH P.V.C./DUCTILE TRANSITION GASKET, DUCTILE IRON RISER PIPE AND DUCTILE IRON TOP ELBOW. ALL DUCTILE IRON COMPONENTS SHALL BE COATED WITH PROTECTO 401 OR APPROVED EQUAL.
3. ALL PVC PIPE AND FITTINGS SHALL BE ASTM D3034, SDR 26, WITH ELASTOMERIC GASKET TYPE JOINTS COMPLYING WITH ASTM F477 AND ASTM D3212.
4. A MINIMUM DISTANCE OF 3 FT IS REQUIRED BETWEEN 45° BENDS.
5. TRENCH BACKFILL SHALL BE INSTALLED PER SANITARY SEWER INSTALLATION DETAIL.

**VILLAGE OF HINSDALE
STANDARD DETAIL
FOR
SEWER SERVICE FOR
SANITARY SEWERS**

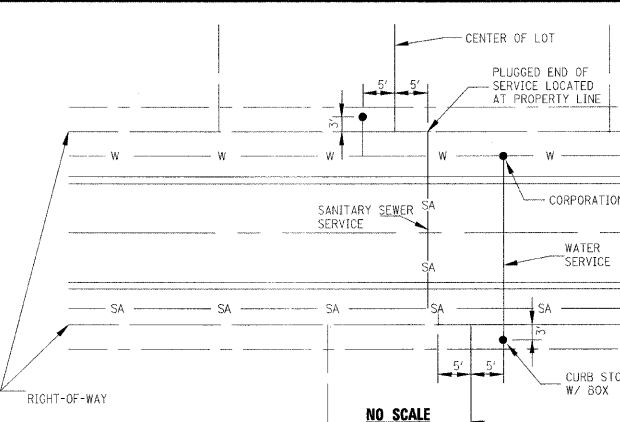
REV: _____
DATE: APRIL 2008
FILE: SANITARY#SWSER1



NOTE:
1. SANITARY MANHOLES SHALL HAVE WATERSTOP GASKETS CAST INTO STRUCTURES AT ALL PIPE PENETRATIONS. (SEE MANHOLE PIPE CONNECTION DETAIL)
2. SANITARY MANHOLES SHALL HAVE CRETEX INTERNAL CHIMNEY SEALS AND PARSONS RAINSTOPPER INSERTS OR EQUAL.
3. SANITARY MANHOLES SHALL HAVE INTEGRAL BASES.
4. MANHOLE BARREL JOINTS SHALL BE TONGUE AND GROOVE TYPE WITH TWO ROWS OF EXTRUDIBLE PREFORMED PLASTIC GASKET MATERIAL (BUTYL ROPE).
5. MACWRAP EXTERNAL JOINT SEALING BANDS IN ACCORDANCE WITH ASTM C-877, OR APPROVED EQUIVALENT, MUST BE PROVIDED AT SANITARY MANHOLE JOINTS.
6. STORM MANHOLES SHALL HAVE A WALL THICKNESS OF 6" FOR 5' DIAMETER STRUCTURES AND 7" FOR 6' DIAMETER STRUCTURES.
7. SANITARY MANHOLES SHALL PASS VACUUM-TESTING PER ASTM C-1244.
8. SEE CASTING INSTALLATION AND ADJUSTING DETAIL FOR CASTING REQUIREMENTS.

**VILLAGE OF HINSDALE
STANDARD DETAIL
FOR
MANHOLE, TYPE A**

REV: _____
DATE: APRIL 2008
FILE: MISC#MHA



NOTES:
1. LOCATION OF SEWER AND WATER SERVICES SHALL BE AS SHOWN ABOVE UNLESS INDICATED OTHERWISE ON PLANS.
2. THE END OF EACH WATER SERVICE SHALL BE MARKED WITH A BLUE 2"X4" POST.
3. THE END OF EACH SANITARY SEWER SERVICE SHALL BE MARKED WITH A GREEN 2"X4" POST.
4. WATER SERVICES SHALL END AT THE BUFFALO BOX UNLESS OTHERWISE INDICATED ON PLANS.

**VILLAGE OF HINSDALE
STANDARD DETAIL
FOR
TYPICAL SERVICE
LATERALS**

REV: _____
DATE: APRIL 2008
FILE: MISC#TSLRALS

PROJECT: GARFIELD ST., DUPAGE COUNTY, ILL. SHEET NO. 57 OF 65
 DATE: 8/13/2009
 DRAWN BY: SVJ
 CHECKED BY: GT
 DATE: 8/13/09



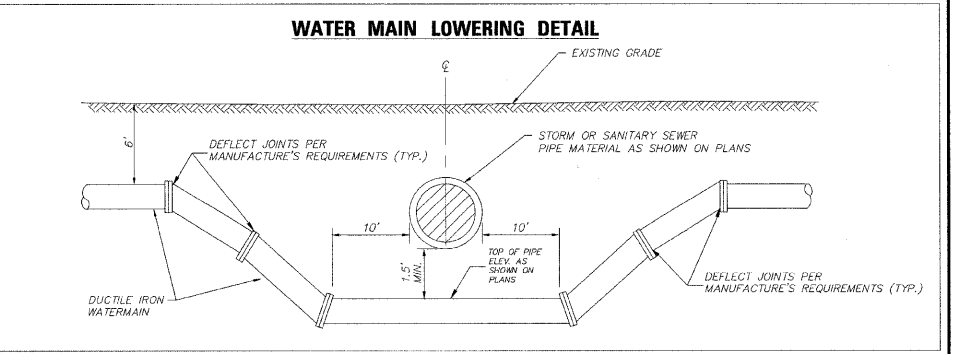
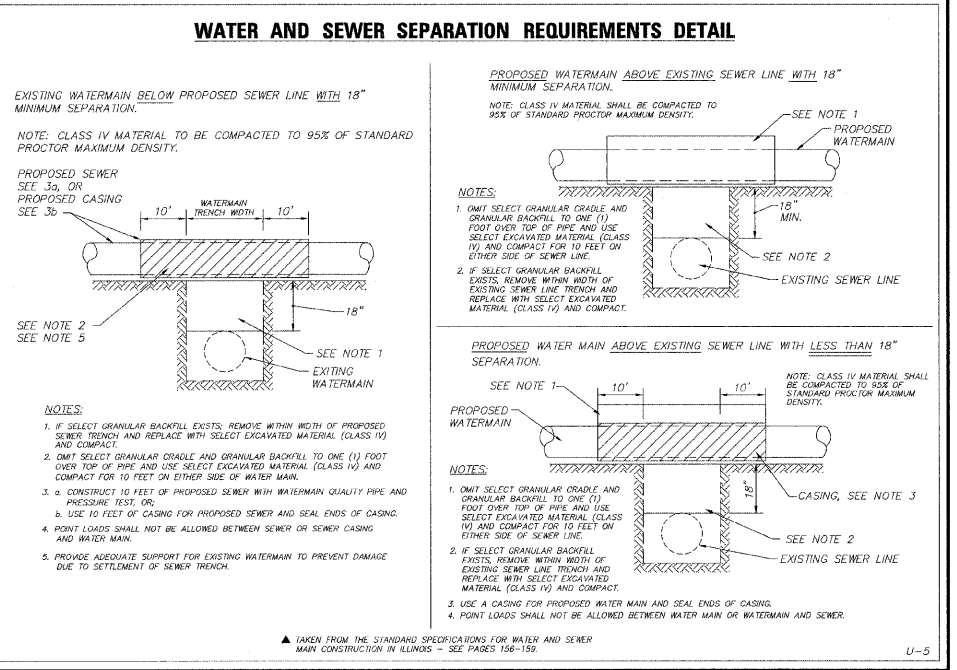
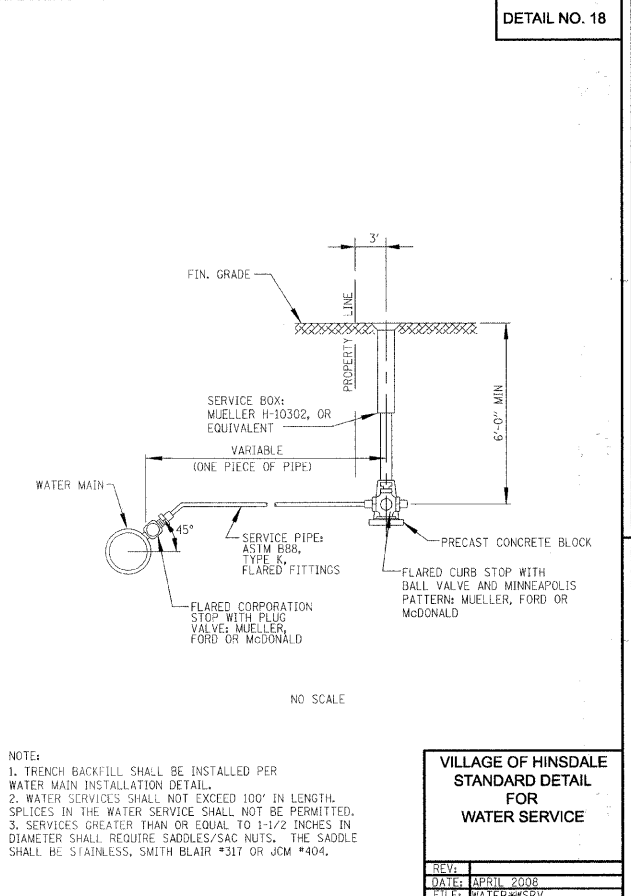
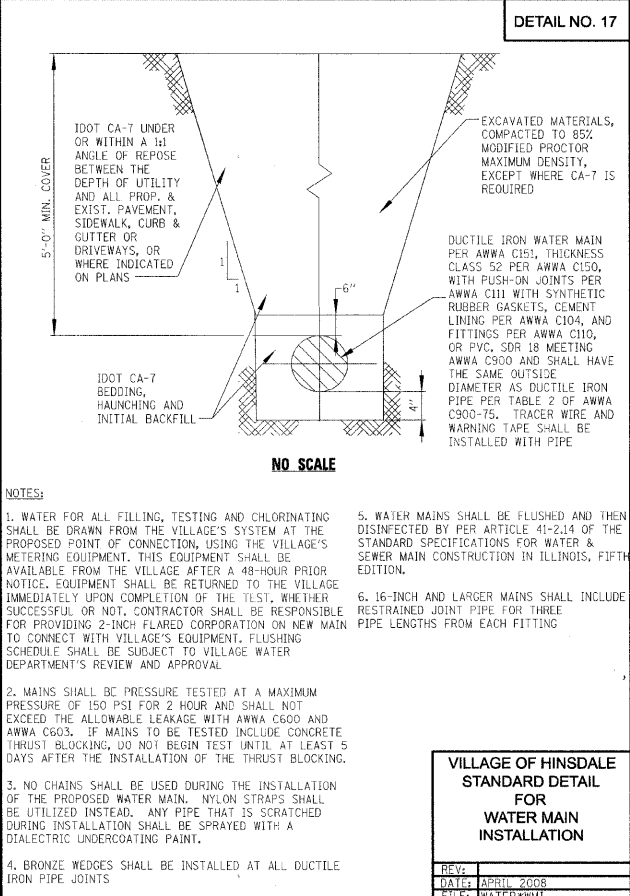
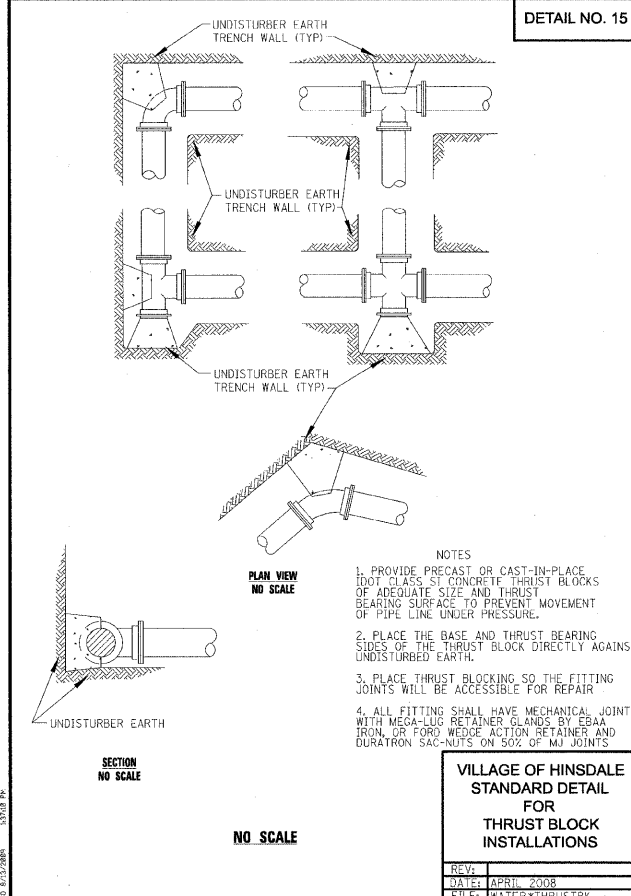
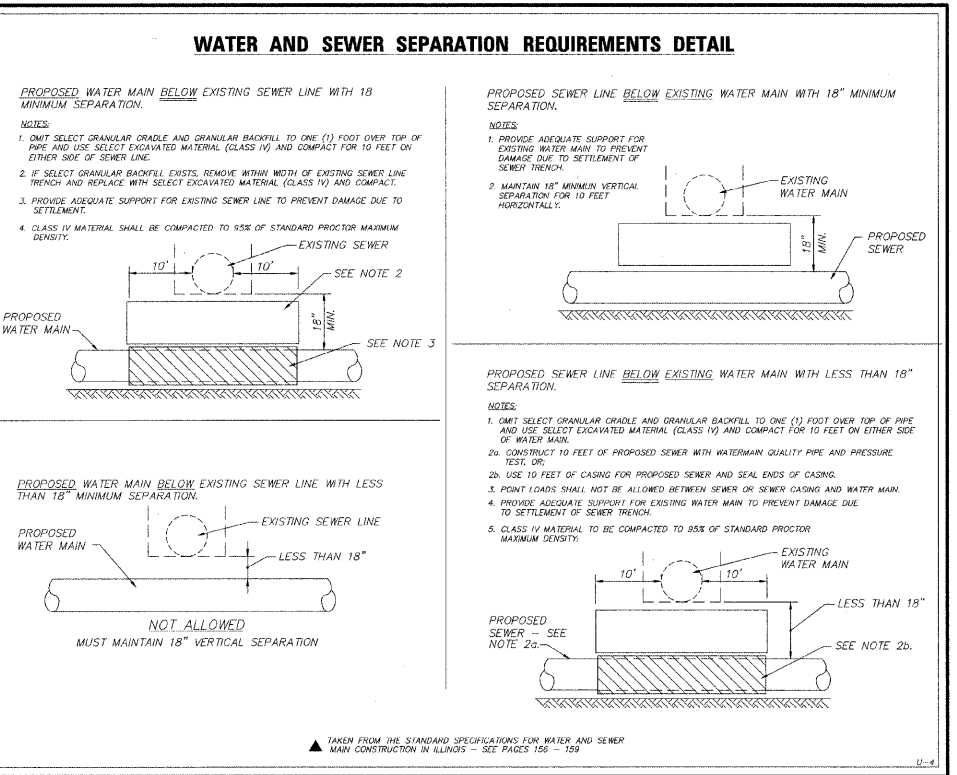
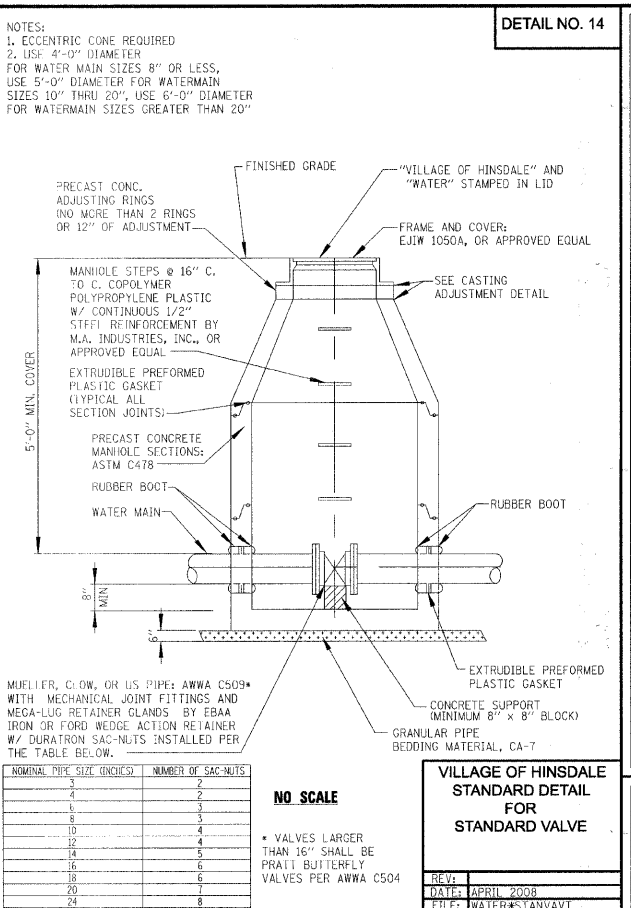
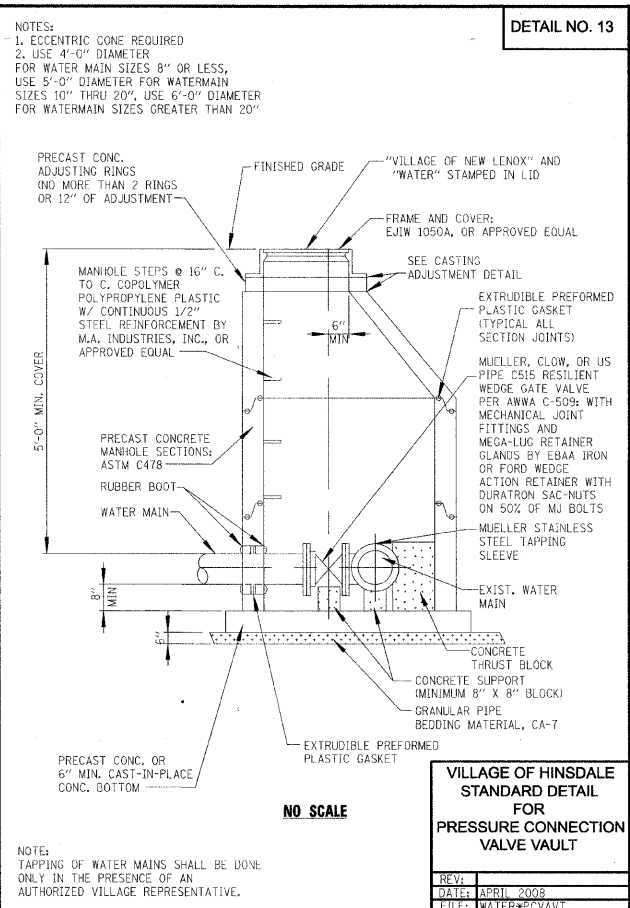
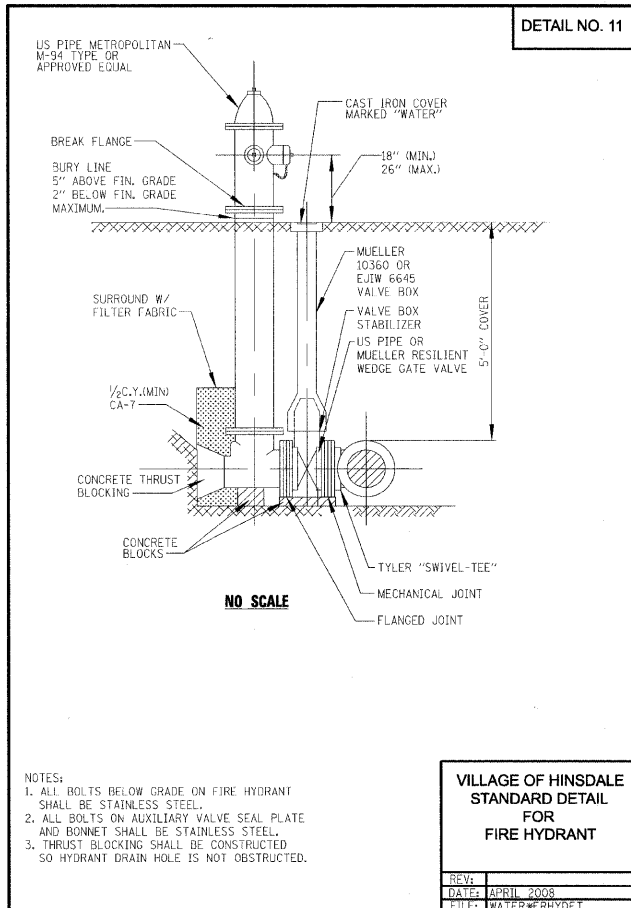
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PLOT DATE = 8/13/2009	CHECKED - GT	REVISED -
	DATE - 8/13/09	REVISED -

**VILLAGE OF HINSDALE
DUPAGE COUNTY, ILLINOIS
GARFIELD STREET, FIRST STREET, & PARK AVENUE**

STANDARD SANITARY SEWER DETAILS

SCALE: NONE SHEET NO. 57 OF 65 SHEETS STA. TO STA.

F.A.U. RTE. 2670	SECTION NO. 08-00086-00-RS	COUNTY DUPAGE	TOTAL SHEETS 65	SHEET NO. 57
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63297		



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 Engineering
 Planning
 Architecture
 1000 North Dearborn Street
 Chicago, IL 60610
 (773) 399-1000
 www.secgroup.com

USER NAME = s_johnson
 DESIGNED -
 DRAWN - SVJ
 CHECKED - GT
 PLOT DATE = 8/13/2009

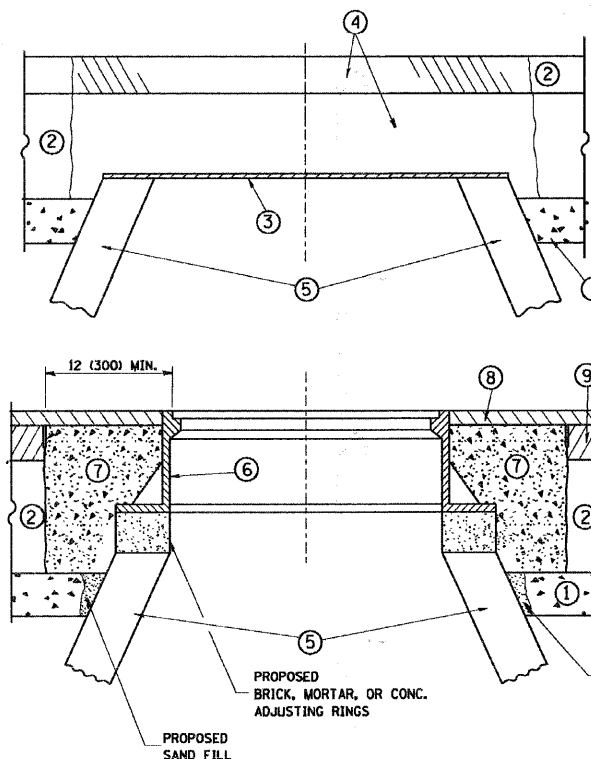
DESIGNED -
 DRAWN - SVJ
 CHECKED - GT
 DATE = 8/13/09

DESIGNED -
 DRAWN - SVJ
 CHECKED - GT
 DATE = 8/13/09

VILLAGE OF HINSDALE
 DUPAGE COUNTY, ILLINOIS
 GARFIELD STREET, FIRST STREET, & PARK AVENUE

STANDARD WATER MAIN DETAILS
 SCALE: NONE SHEET NO. 58 OF 65 SHEETS STA. TO STA.
 F.A.U. RTE. 2618 SECTION NO. 08-00086-00-RS COUNTY TOTAL SHEETS NO. 65 58
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 63297

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00086-00-RS	DUPAGE	65	59
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS S1 CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS S1 CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/95
R. SHAH	03/10/95
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

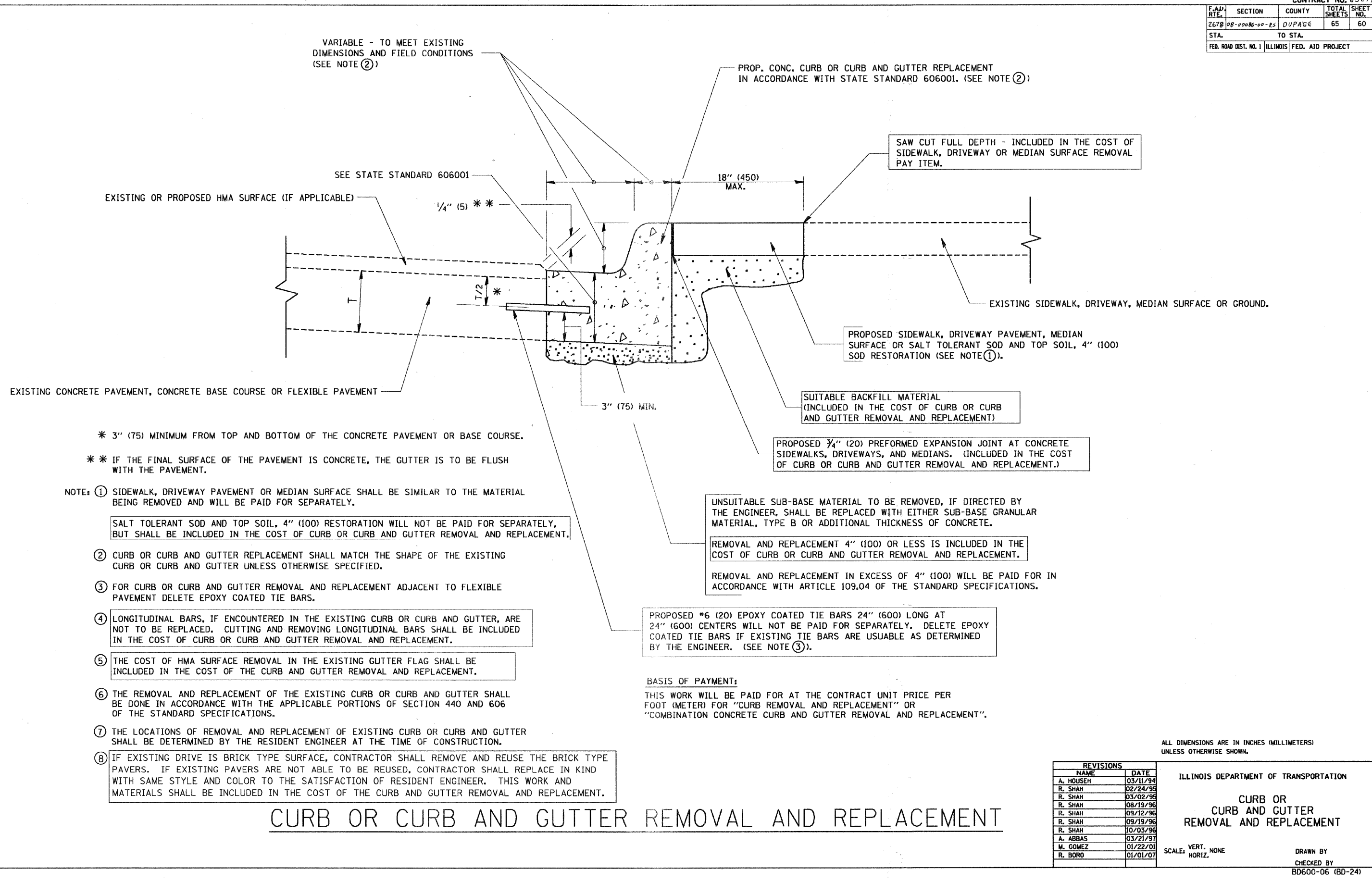
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HORIZ.

DRAWN BY
CHECKED BY

BD600-03 (BD-8)

PLOT DATE = 05/28/07
PLOT NAME = 2007052807.dgn
PLOT SCALE = DBARR88 / 1/4"
USER NAME = bward1

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	08-0008-00-RS	DUPAGE	65	60
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE 2)

SEE STATE STANDARD 606001

1/4" (5) **

1/2" *

18" (450) MAX.

3" (75) MIN.

* 3" (75) 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.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT 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 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA 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.
- ⑧ IF EXISTING DRIVE IS BRICK TYPE SURFACE, CONTRACTOR SHALL REMOVE AND REUSE THE BRICK TYPE PAVERS. IF EXISTING PAVERS ARE NOT ABLE TO BE REUSED, CONTRACTOR SHALL REPLACE IN KIND WITH SAME STYLE AND COLOR TO THE SATISFACTION OF RESIDENT ENGINEER. THIS WORK AND MATERIALS SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

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

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

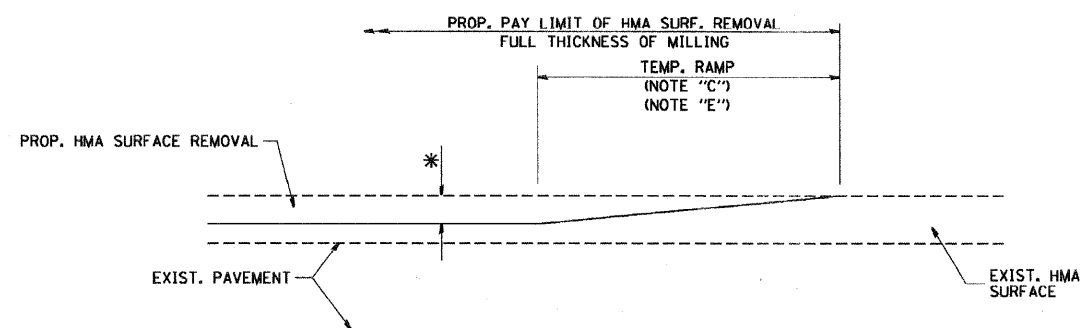
SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY
BD600-06 (BD-24)

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

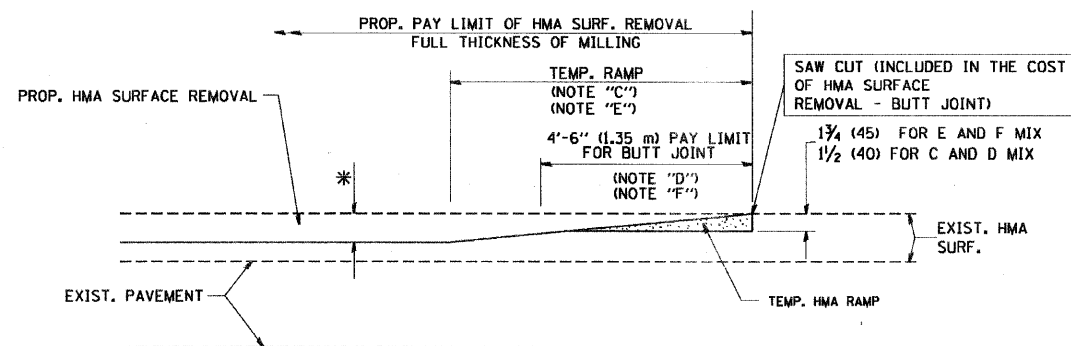
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00086-00-RS	DUPAGE	65	61
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



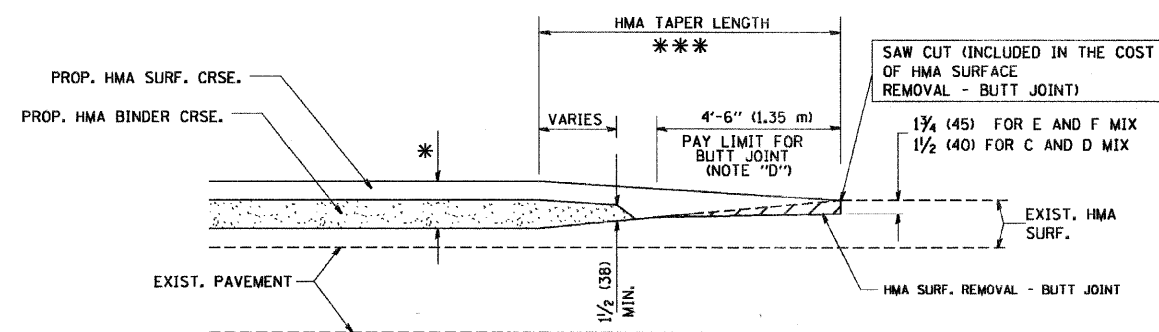
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

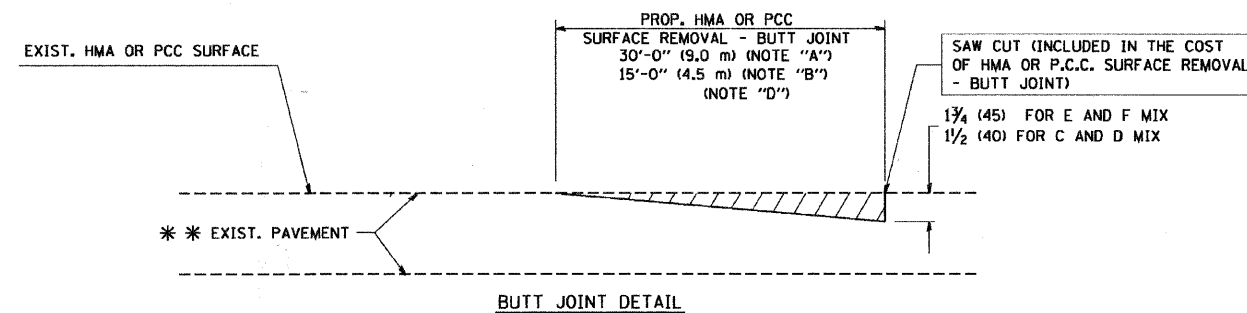


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

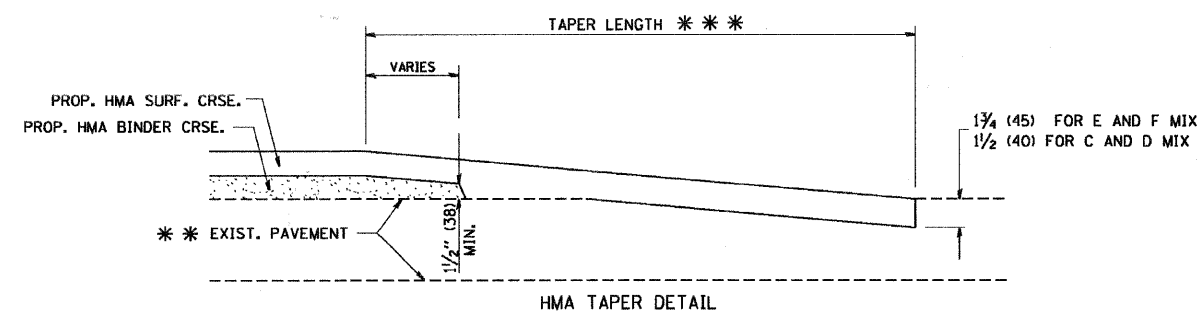
OPTION 2
TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER
TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	NAME	DATE
	M. DE YONG	6-13-90
	M. DE YONG	7-3-90
	M. DE YONG	3-27-92
	R. SHAH	09/09/94
	R. SHAH	10/25/94
	A. ABBAS	03/21/97
	M. GOMEZ	04/06/01
	R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

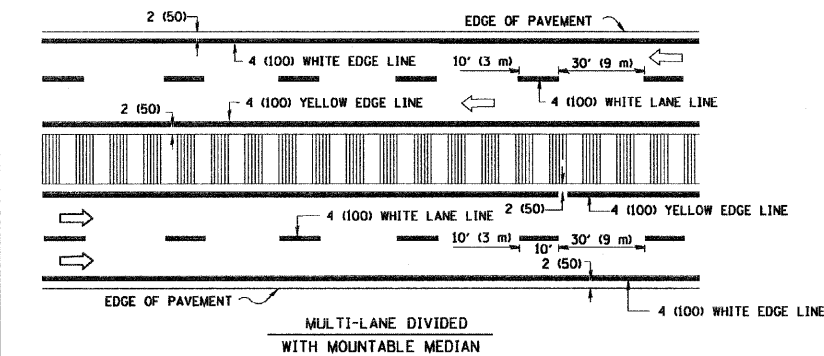
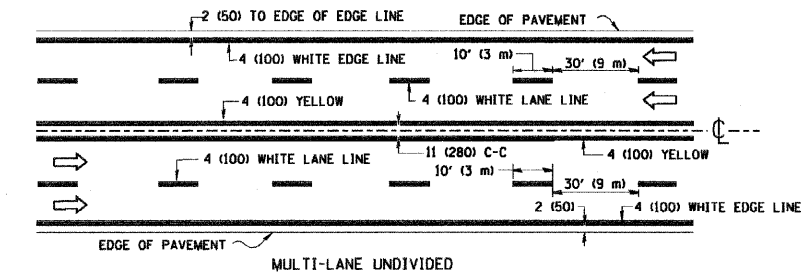
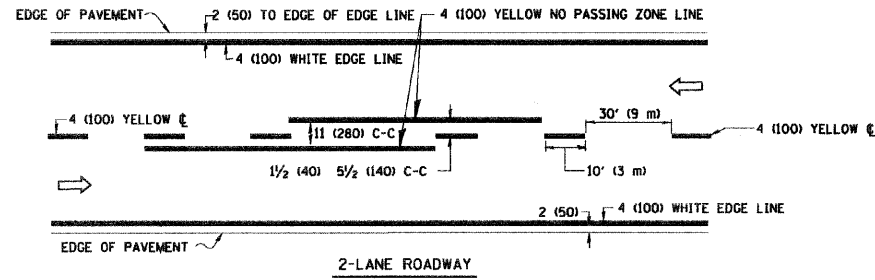
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HORIZ. NONE

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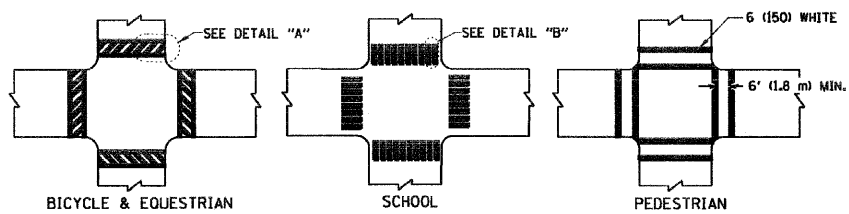
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F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

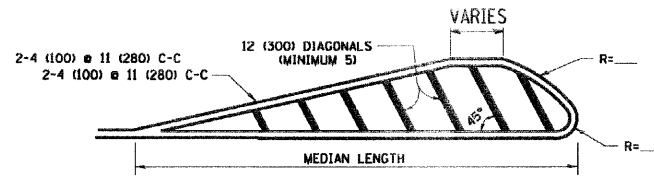
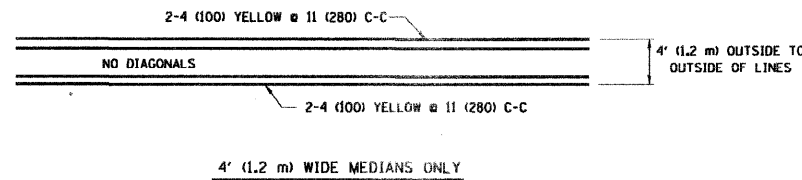


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



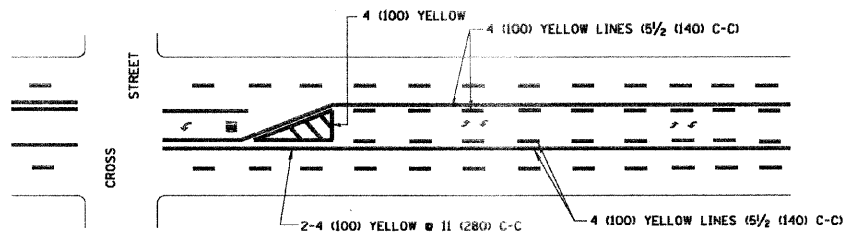
TYPICAL CROSSWALK MARKING



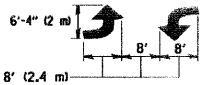
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

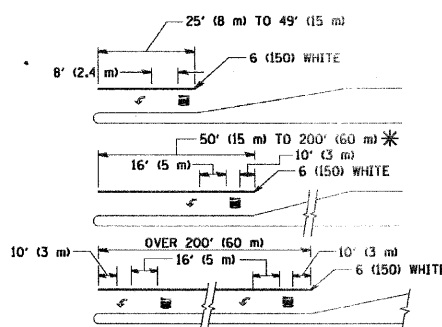


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

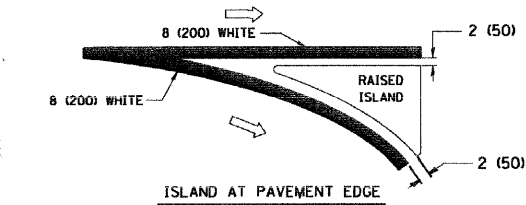
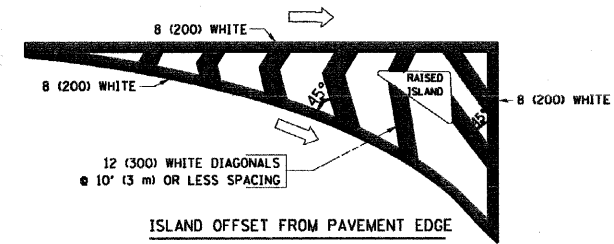


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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	5/2 (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; 5/2 (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 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

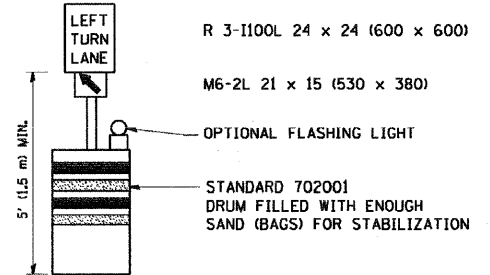
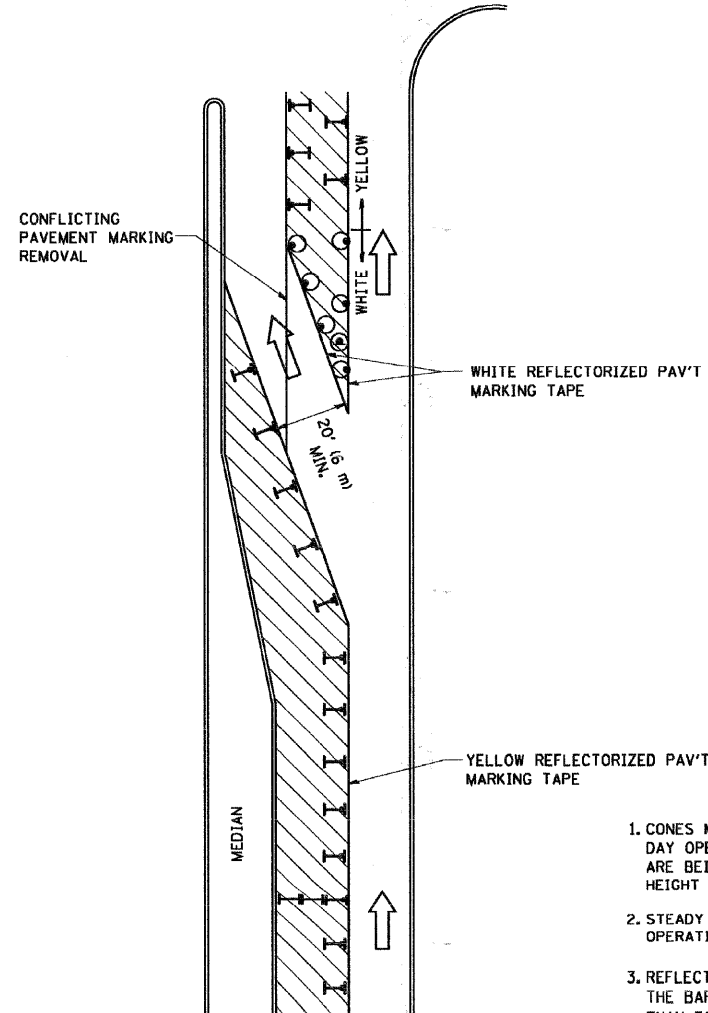
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TC-13







F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00086-00-R5	DUPAGE	65	63
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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

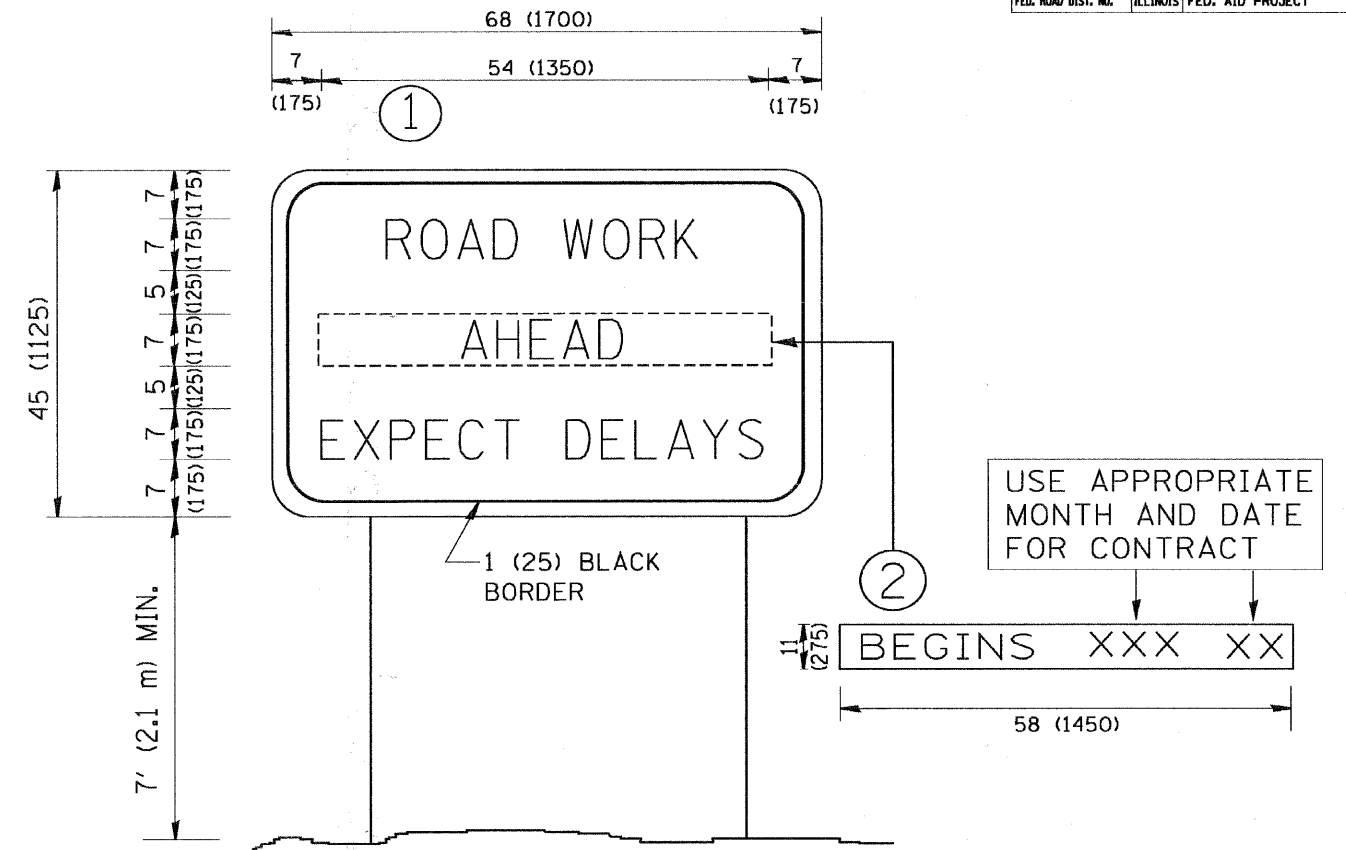
REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE
 DRAWN BY
 CHECKED BY LHA
 TC-14

PLOT DATE: 2/15/2007
 FILE NAME: C:\p1\1014\1014.dgn
 PLOT SCALE: 0.250000 / 1" = 10'-0"
 USER NAME: bward-dj

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267	08-00086-00-R5	DUPAGE	65	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE

DRAWN BY DESIGN

CHECKED BY

TC22

