

INDEX OF SHEETS  
SEE SHEET NO. 2

STATE STANDARDS  
SEE SHEET NO. 2

DESIGN DESIGNATION - HARLEM AVENUE-ARTERIAL  
ADT: SOUTHWEST HY TO I-294 - 44500 (2007)  
I-294 TO 95TH STREET - 44100 (2007)  
95TH TO 79TH STREET - 43000 (2007)  
79TH TO 71ST STREET - 44100 (2007)  
71TH TO 65TH STREET - 51800 (2007)  
100% OF DESIGN TRAFFIC IN DESIGN LANE  
POSTED SPEED LIMIT - 40MPH

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

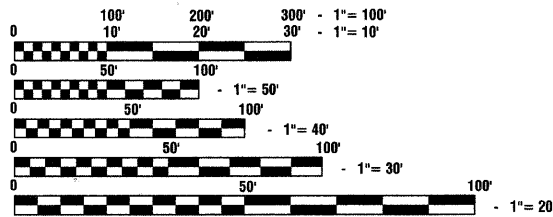
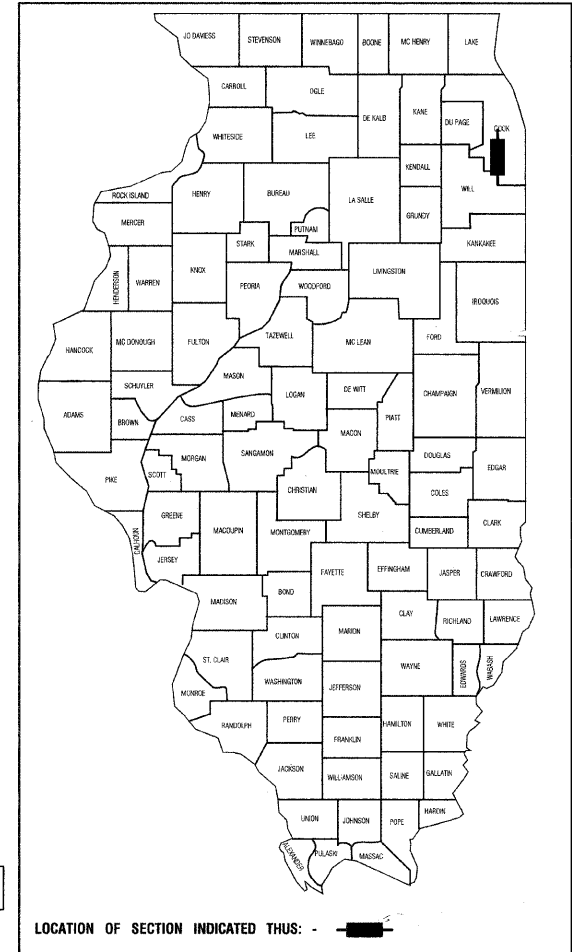
SCALES  
PLAN - 1"=50'  
PROFILE HORIZ. - 1"=50'  
PROFILE VERT. - 1"=5'  
CROSS SECTIONS - 1"=10'

FAP 348 (HARLEM AVENUE)  
FROM CAL SAG CHANNEL TO 65TH STREET  
BEAUTIFICATION-STREETSCAPING  
SECTION: 07-00055-00-LS  
PROJECT: HPP-3462(002)  
JOB NO: C-91-060-08

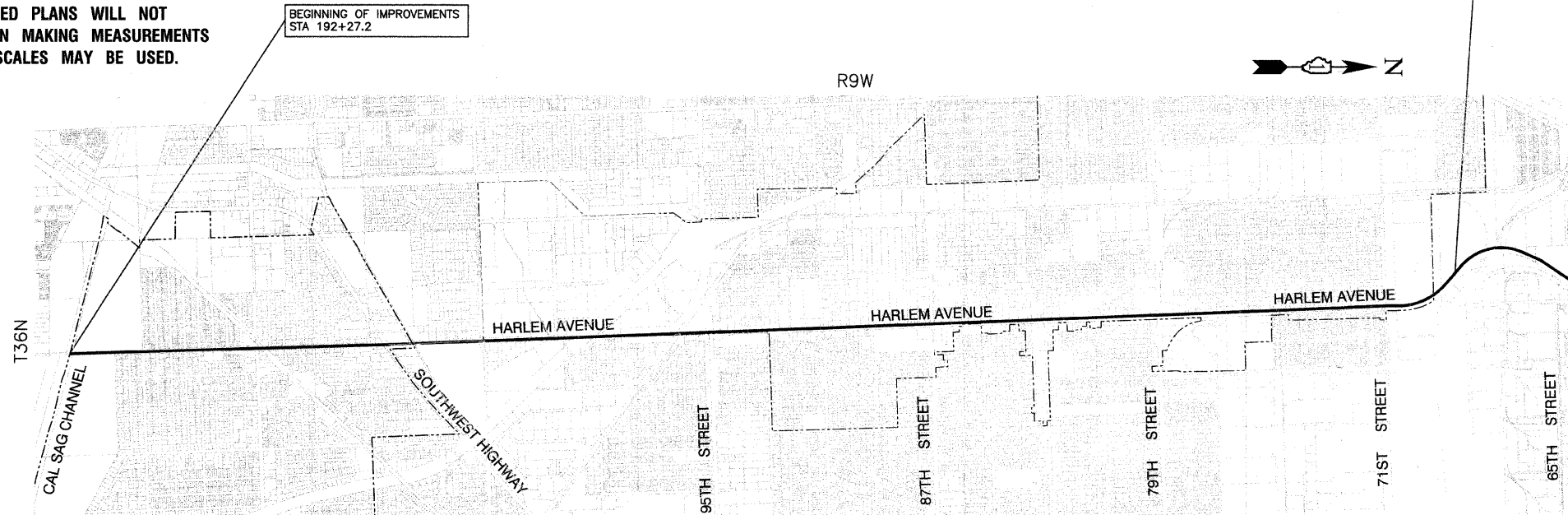
MUNICIPALITIES of WORTH, PALOS HILLS, CHICAGO RIDGE,  
OAK LAWN, BRIDGEVIEW, BURBANK AND BEDFORD PARK  
COOK COUNTY

F. A. P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	1
STA.		TO STA.		
FED. ROAD DIST. NO.		ALLOYS	FED. AID PROJECT	

CONTRACT #63106



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.



LOCATION MAP

NO SCALE  
GROSS AND NET LENGTH=35,522.8 FEET=6.73 MILES

J. U. L. I. E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 or 811

CONTRACT NO. 63106

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

Approved: *Stella*  
11/16/09  
Mayor, Village of Bridgeview

Passed: *February 20, 2009*  
*Christy*  
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review  
*Diana M. D'Korff*  
Deputy Director of Highways, Region 1 Engineer

PRINTED BY THE AUTHORITY OF  
THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE  
DIRECT SUPERVISION OF:

*[Signature]*  
12/22/09



LICENSE EXPIRES: 11/30/09

FIELD ENGINEER-MELCHOR MANGOBA (847) 705-4408  
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700  
CONTACT ENGINEER: RON WIEDEMAN

F. A. U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106

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2. INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
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36. MISCELLANEOUS DETAILS
- 37.-39. CONCEPTUAL SIGN
40. PLANTING DETAILS
41. CONSTRUCTION DETAILS

**STATE STANDARDS**

060001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMP FOR SIDEWALKS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602011-01	CATCH BASIN, TYPE C
604001-03	FRAME AND LIDS TYPE I
604036-02	GRATE, TYPE B
606001-04	CONCRETE CURB TYPE B AND COMBINATION
	CONCRETE CURB AND GUTTER
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH
	NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR
	SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
630001-08	STEEL PLATE BEAM GUARDRAIL

**GENERAL NOTES**

1. BEFORE ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
2. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH THE PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF BRIDGEVIEW.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE VILLAGE.
5. THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, SHALL GOVERN THIS WORK.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7. UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIAL FROM DAMAGE FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED.
9. ALL PERENNIAL PLANT BEDS SHALL HAVE ALL THE SOD REMOVED AND DISPOSED FROM THE BED PRIOR TO TILLING THE EARTH AS DESCRIBED IN ARTICLE 254.07(b) OF THE STANDARD SPECIFICATIONS
10. ALL PERENNIALS SHALL BE PLANTED 12" ON CENTER AND MULCHED AS DESCRIBED IN ARTICLE 254.08 OF THE STANDARD SPECIFICATIONS.
11. PRE-EMERGENT GRANULAR HERBICIDE SHALL BE PLACED IN MULCH BEDS ACCORDING TO THE SPECIAL PROVISIONS.
12. VILLAGE WATER, SEWER MAINS AND OTHER UTILITIES MAY BE LOCATED IN THE LANDSCAPING AREA. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES. THE VILLAGES OF WORTH, PALOS HILLS, CHICAGO RIDGE, OAK LAWN, BRIDGEVIEW, BURBANK, AND BEDFORD PARK ARE NOT PART OF "J.U.L.I.E." THE CONTRACTOR SHALL CONTACT THE RESPECTIVE VILLAGES TO LOCATE THEIR UTILITIES.
13. THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS.
14. MULCH PLACEMENT 3" IS TO BE PLACED AROUND EXISTING TREES AND SHRUBS IN LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
15. WHERE MULCH BEDS ARE SPECIFIED, ALL EXISTING GRASS, WEEDS, AND DEBRIS ARE TO BE REMOVED AND THE BEDS TILLED TO A DEPTH OF 6" PRIOR TO PLACING PROPOSED PLANTS. FOLLOWING PLANTING, BEDS ARE TO BE MULCHED TO A DEPTH OF 3". THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PLANTING ITEMS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
BEAUTIFICATION STREETSCAPING  
INDEX OF SHEETS, STATE STANDARDS,  
AND GENERAL NOTES**

SCALE: VERT. NA  
HORIZ. NA

DATE 12-19-08

DRAWN BY PS  
CHECKED BY RJW

F. A. U. REC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106

SUMMARY OF QUANTITIES					Chicago Ridge	Palos Hills	Bridgeview	Bedford Park	Worth	Burbank	Oak Lawn
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE						
					Y003	Y003	Y003	Y003	Y003	Y003	Y003
	20100110	TREE REMOVAL (6 TO 15 UNIT DIAMETER)	UNIT	34				34			
	20100210	TREE REMOVAL (OVER 15 UNIT DIAMETER)	UNIT	15				15			
	20200100	EARTH EXCAVATION	CU YD	730				730			
	20400800	FURNISHED EXCAVATION	CU YD	2000				1770	230		
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	4970				4400	570		
	21101625	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	4000				4000			
	21101810	COMPOST FURNISH AND PLACE, 3"	SQ YD	10125				8425	1700		
*	25000110	SEEDING, CLASS 1A	ACRE	1.85	0.03			1.77		0.05	
*	25000115	SEEDING, CLASS 1B	ACRE	1.3				1.3			
*	25200200	SUPPLEMENTAL WATERING	UNIT	179	5			150	20	1	2
*	25003110	INTERSEEDING, CLASS 1A	ACRE	1.2	0.15	0.05		0.7	0.2	0.05	0.05
*	25100630	EROSION CONTROL BLANKET	SQ YD	22975	145			21000	1600		230
	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B, 4"	SQ YD	10418	101	261		9436	620		
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	811	811						
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SQ FT	95740	903	2342		86923	5572		
	42400800	DETECTABLE WARNING	SQ FT	496	8	8		464	16		
	44000100	PAVEMENT REMOVAL	SQ YD	4352	158			4194			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	811	811						
	44000300	CURB REMOVAL	FOOT	363	9			354			
	44000600	SIDEWALK REMOVAL	SQ FT	902	838			64			
	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1083		28		1035	20		
	44001900	COMBINATION CONCRETE CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	9365		25		9340			
	44003800	MEDIAN SURFACE REMOVAL	SQ FT	41750				41750			
	44003100	MEDIAN REMOVAL	SQ FT	278				278			
	48203021	HOT-MIX SHOULDERS, 6 INCH	SQ YD	310				310			
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24 INCH	EACH	1				1			
	550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	FOOT	27				27			
	550A0090	STORM SEWER, CLASS A, TYPE 1, 18"	FOOT	85				85			
	550A0120	STORM SEWER, CLASS A, TYPE 1, 24"	FOOT	353				353			
	60207605	CATCH BASIN, TYPE C., TYPE B GRATE	EACH	2				2			
	60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1				1			
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	19				19			
	60255500	MANHOLES TO BE ADJUSTED	EACH	16				16			
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4				4			
	60500050	REMOVING CATCH BASINS	EACH	2				2			
	60600605	CONCRETE CURB, TYPE B	FOOT	10170	56	25		10089			
	60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	278				278			
*	63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	438				250	188		
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1				1			
*	63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1				1			
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1				1			
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	1				1			
	63200310	GUARDRAIL REMOVAL	FOOT	538				263	275		
	67100100	MOBILIZATION	L. SUM	1	0.11	0.03		0.72	0.07	0.03	0.04
	70102630	TRAFFIC CONTROL AND PROTECTION STANDARD 701601	L. SUM	1	0.11	0.03		0.72	0.07	0.03	0.04
	70102635	TRAFFIC CONTROL AND PROTECTION STANDARD 701701	L. SUM	1	0.11	0.03		0.72	0.07	0.03	0.04
	70102640	TRAFFIC CONTROL AND PROTECTION STANDARD 701801	L. SUM	1	0.11	0.03		0.72	0.07	0.03	0.04
	81400115	HANDHOLE TO BE ADJUSTED	EACH	15				15			
*	A2000118	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	80				55		4	21
*	A2002470	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	15				9			
*	A2002476	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 12' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	50				34	16		
*	A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST) 3" CALIPER, BALLED AND BURLAPPED	EACH	63	3			42	12		6

\* - INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 348 (HARLEM AVENUE)  
BEAUTIFICATION STREETSCAPING  
SUMMARY OF QUANTITIES

SCALE: VERT. NA  
          HORIZ. NA  
DATE: 12-19-08

DRAWN BY: PS  
CHECKED BY: RJW

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 591-6700 FAX (708) 591-3826  
ILLINOIS DESIGN FIRM REGISTRATION NO. 194001208 07441-QUALIN-01

SUMMARY OF QUANTITIES					Chicago Ridge	Palos Hills	Bridgeview	Bedford Park	Worth	Burbank	Oak Lawn
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE						
					Y003	Y003	Y003	Y003	Y003	Y003	Y003
*	A2008124	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 3" CALIPER BALLED AND BURLAPPED	EACH	59	10		35	14			
*	C2000636	SHRUB, ARONIA MELANOCARPA ELATA (GLOSSY BLACK CHOKEBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	1119	387		641	100			
*	C2001936	SHRUB, CORNUS SERICEA BAILEYI (BAILEY REDOSIER DOGWOOD), 3' HEIGHT, BALLED AND BURLAPPED	EACH	318			324	14			
*	C2006148	SHRUB, RHUS TYPHINA LACINIATA (CUTLEAF STAGHORN SUMAC), 4' HEIGHT, BALLED AND BURLAPPED	EACH	6			6				
*	C2010324	SHRUB, SPIREA NIPPONICA SNOWMOUND (SNOW MOUND NIPPON SPIREA), 2' HEIGHT BALLED AND BURLAPPED	EACH	29			29				
*	C2011036	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILIC), 3' HEIGHT, BALLED AND BURLAPPED	EACH	500			404	96			
*	C2C05818	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 18" WIDTH, CONTAINER	EACH	1482			1496				
*	X0301407	PERENNIAL PLANTS, GALLON POT	UNIT	30,8			30,5	0,30			
*	X0322856	WEED CONTROL, NON SELECTIVE AND NON RESIDUAL	GAL	3.01			2.66	0.35			
*	X0322992	COARSE SAND PLACEMENT, 4 INCH	SQ YD	5425			5425				
	Z0022800	FENCE REMOVAL	FOOT	908			908				
△	Z0076600	TRAINEES	HOURS	1500			1500				
*	XX004777	TREE, ULMUS ACCOLADE (HYBRID ELM) 3" CALIPER, BALLED AND BURLAPPED	EACH	75			54	19		2	
*	XX007905	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	5			5				
*	XX005307	TREE QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	5			5				
*	XX006599	TREE, ACER X FREEMANI 'ARMSTRONG' (ARMSTRONG FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	37	17		25				
*	XX006829	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	93			85				
	XX006851	PAVEMENT RESTORATION (SPECIAL)	SQ YD	2084		6	2078				
	20200410	EARTH EXCAVATION (SPECIAL)	CU YD	55			55				
	44000196	HOT MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	180			180				
	X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	484		56	428				
	XX007906	CLASS SI CONCRETE COLLAR	EACH	3			3				
	X8950200	REBUILD EXISTING HANDHOLE	EACH	5			5				
	XX007907	STAMPED CONCRETE MEDIAN SURFACE, 5"	SQ FT	2702			2702				
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAZ MONTH	14	1	1	8	1	1	1	1
	XX007908	COLORLED SURFACE	SQ FT	2702			2702				
*	25002014	SEEDING, CLASS 4A (MODIFIED)	ACRE	1.46			1.13	0.33			
*	25003323	SEEDING, CLASS 5A (MODIFIED)	ACRE	0.13			0.13				
*	XX007909	TREE, ACER X FREEMANI AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 6" CALIPER, BALLED AND BURLAPPED	EACH	27			27				
*	XX007910	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 18' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	8			8				
*	XX007911	TREE, AMELANCHIER X GRANDIFLOA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	130			130				
*	XX007912	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM, 3" CALIPER, BALLED AND BURLAPPED	EACH	92	21		65			6	
*	XX007913	TREE, GINKGO BILOBA 'MAGYAR ARISTOCRAT', TREE FORM, 3" CALIPER, BALLED AND BURLAPPED	EACH	37	11		21			5	
*	XX007914	TREE, PYRUS CALLERYANA (CHANTICLEER CALLERY PEAR), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	50	17		27		1	5	
*	XX007915	EVERGREEN, PSUEDOTSUGA MENZIESII (DOUGLES FIR), 12' HEIGHT, BALLED AND BURLAPPED	EACH	60			34	26			
*	XX007916	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 10' HEIGHT, BALLED AND BURLAPPED	EACH	20			11	9			
*	XX007917	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 12' HEIGHT, BALLED AND BURLAPPED	EACH	32			26	6			
*	XX007918	SHRUB, VIBURNUM TRILOBUM WENTWORTH (WENTWORTH AMERICAN CRANBERRY VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	48			48				
*	XX007919	MULCH 3"	SQ YD	68			60		8		
*	25000750	MOWING	ACRE	17.55	1.75	0.45	11	3		0.75	0.6
*	X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUNDS	793	50		630	108	1	2	2
*	X0322314	WEED CONTROL, BROADLEAF IN TURF	GALLON	3.96	0.45	0.11	3	0.06		0.19	0.15
*	XX004101	ORNAMENTAL METAL FENCE, 4'	FOOT	2645	465		2180				
*	XX007920	LANDSCAPING STONE	TON	315			280	35			
*	XX007921	GATEWAY ENTRANCE SIGNS	EACH	3	0	1	2				
*	XX007922	STREET SIGNS (POLE MOUNTED)	SQ FT	312		6	156		144	6	
*	XX007923	STEEL POST 3"	FOOT	807		16	403		372	16	
*	XX007924	BANNERS	EACH	238	17	5	145	20	36	6	9

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106

△ Y080

\* - INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-19-09
IDOT COMMENTS	02-23-09
IDOT COMMENTS	02-24-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
ROADWAY RESURFACING  
SUMMARY OF QUANTITIES**

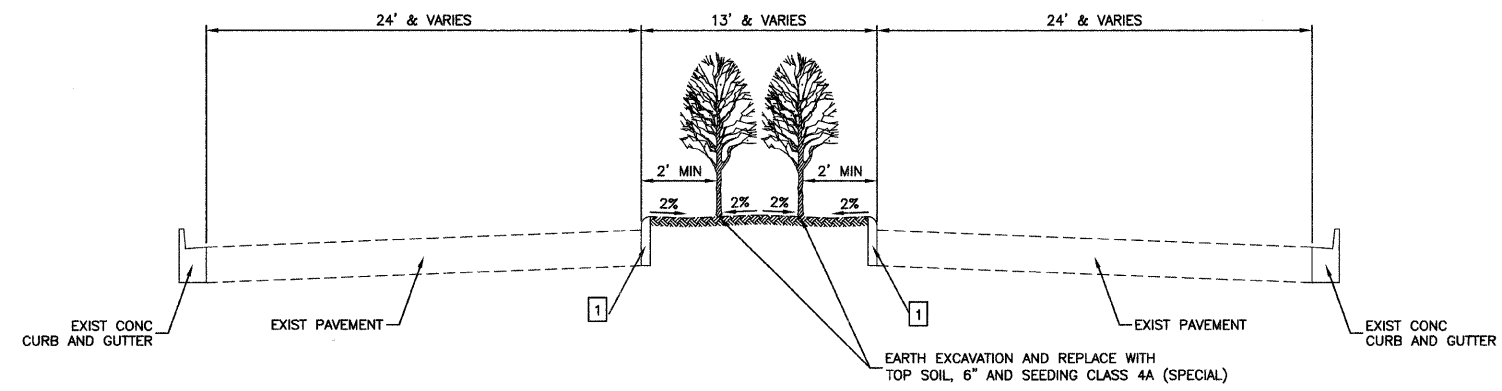
SCALE: VERT. NA  
HORIZ. NA  
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW

ROBINSON ENGINEERING, LTD.  
1700 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
(708) 331-4700 FAX (708) 331-3828  
ILLINOIS DESIGN FIRM REGISTRATION NO. 154601128 07441-CAUN-01

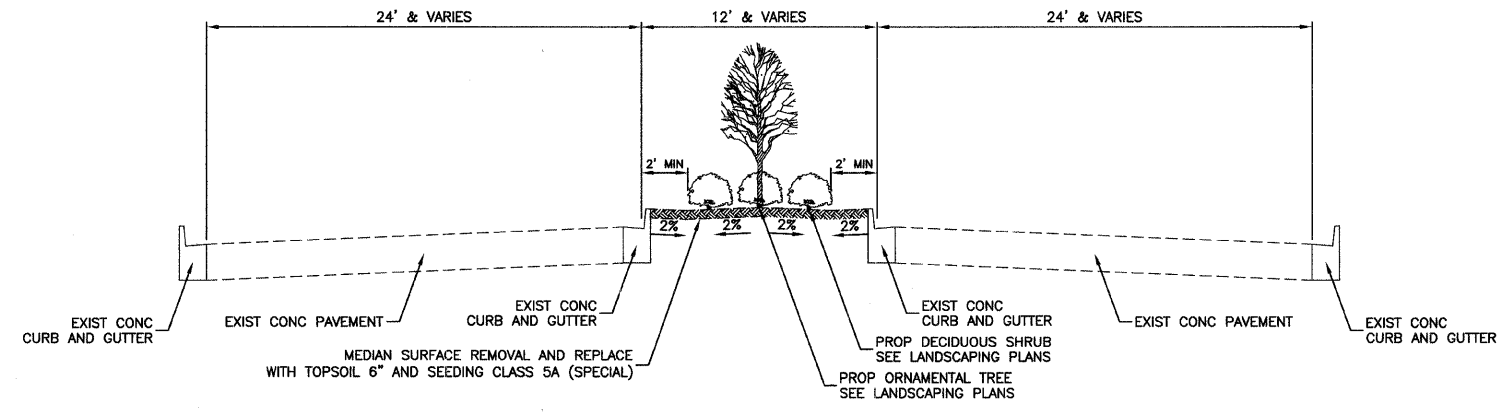
F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106



**LANDSCAPED MEDIAN**  
STA 318+00 TO STA 354+00

1 COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION.



**LANDSCAPED MEDIAN**  
STA 503+00 TO STA 526+25

**PROJECT BITUMINOUS MIXTURE REQUIREMENT CHART**

MIXTURE TYPE/USAGE	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0)	SBS/SBR PG 70-22	4% @ 90 GYR

NOTE:  
UNIT WEIGHT USED FOR ALL HOT-MIX ASPHALT EXCEPT POLYMERIZED LEVELING BINDER IS 112#/SQ YD/IN. FOR POLYMERIZED LEVELING 105#/SQ YD/IN WAS USED.  
\*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-23-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)**  
**TYPICAL CROSS SECTIONS**  
**LANDSCAPED MEDIAN**

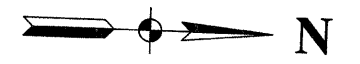
SCALE: VERT. NA  
HORIZ. NA  
DATE: 12-19-08

DRAWN BY: RJG  
CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
7000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 331-6700 FAX (708) 331-3828  
ILLINOIS DESIGN FIRM REGISTRATION NO. 124001128 07441-TYPX-01 P01

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

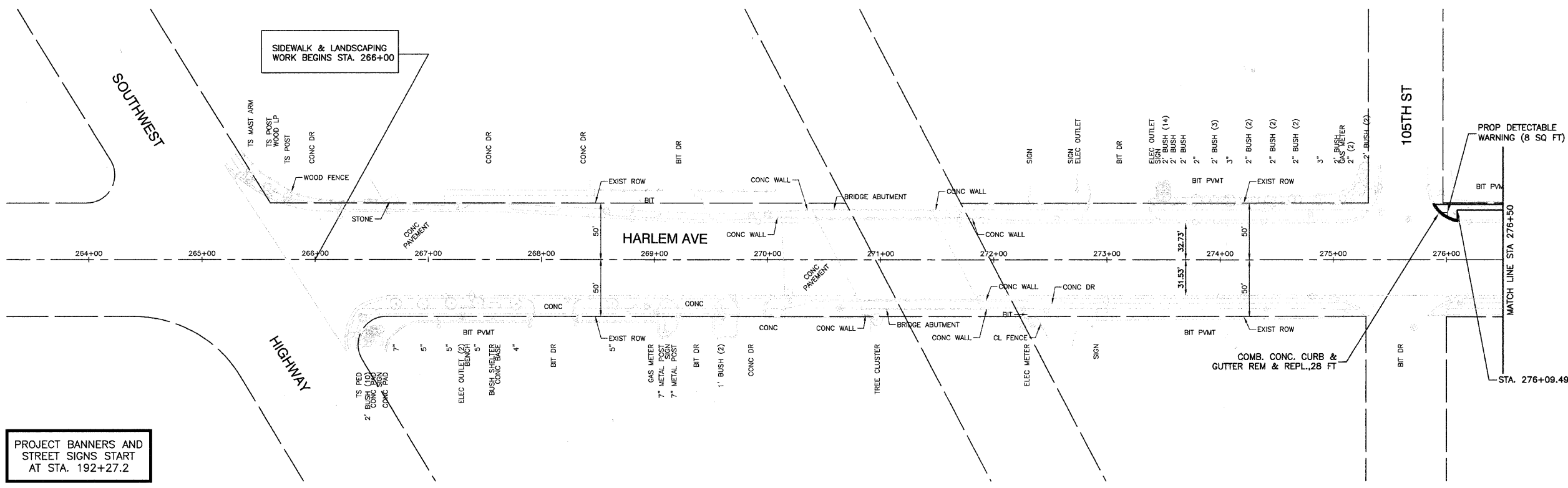
CONTRACT #63106



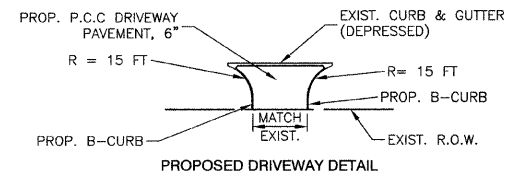
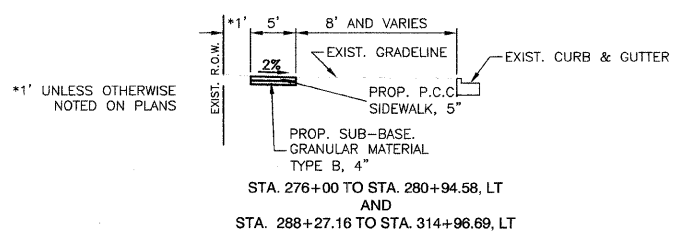
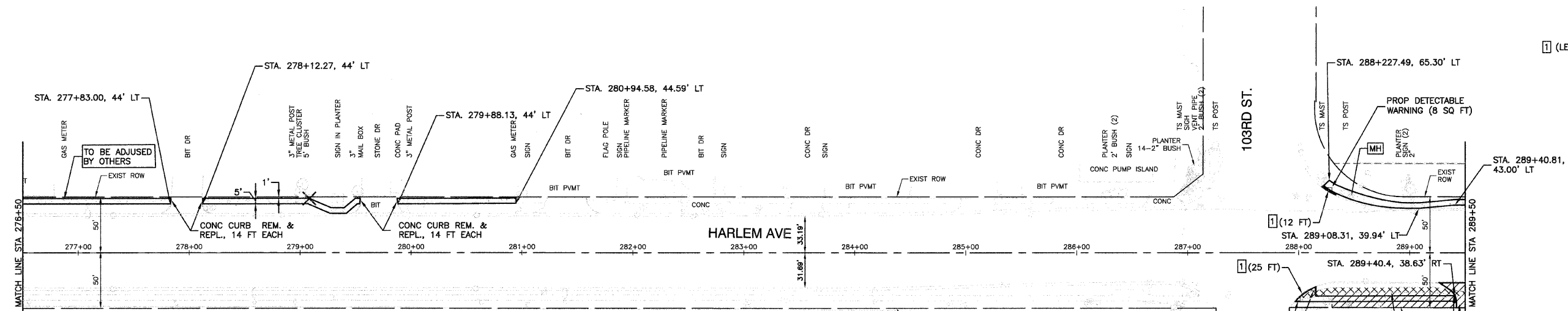
**LEGEND**

- PROPOSED P.C.C. SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL

(LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION



PROJECT BANNERS AND STREET SIGNS START AT STA. 192+27.2



REVISIONS	
NAME	DATE

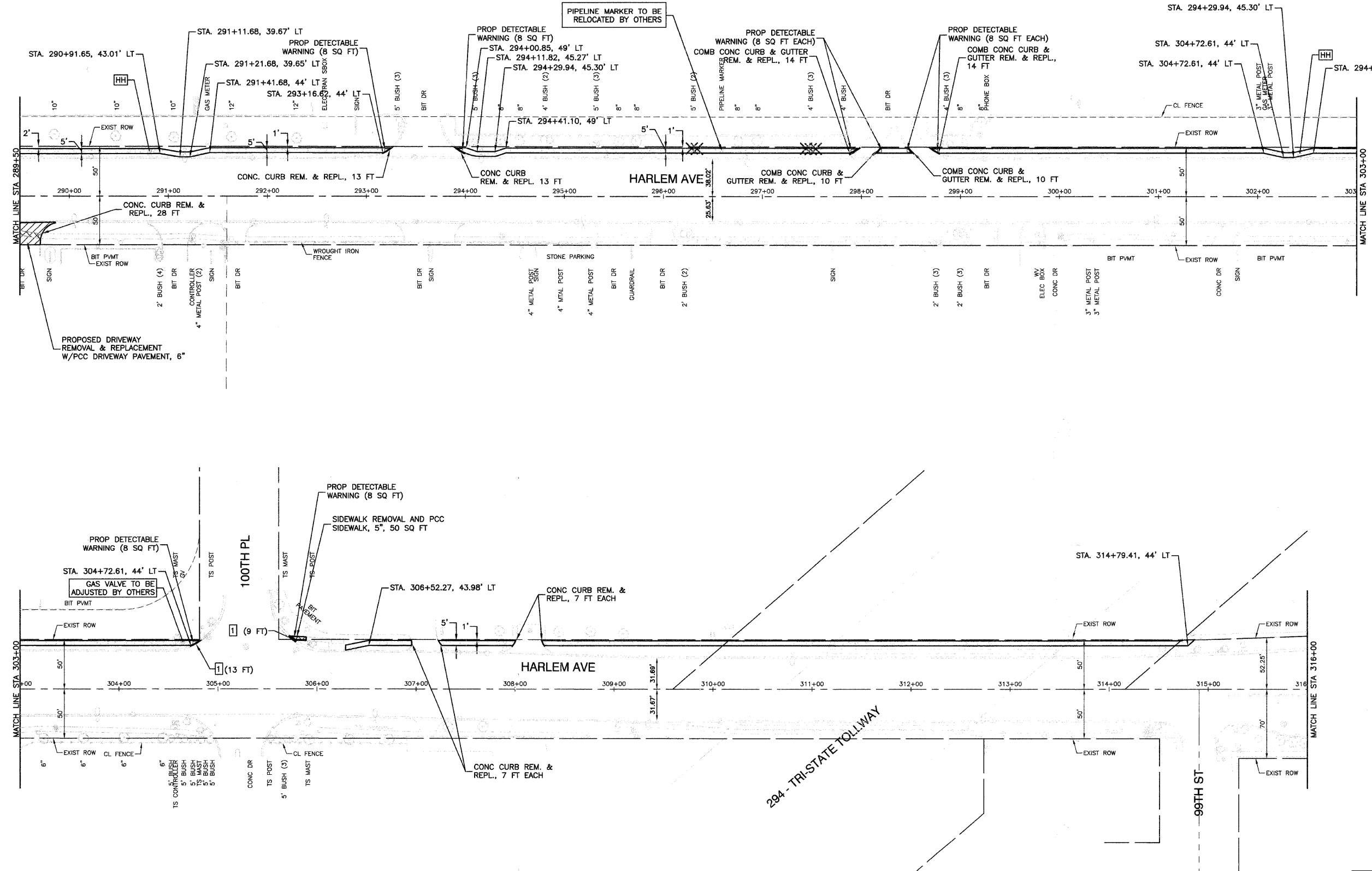
ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
105TH STREET TO STA. 289+50**

SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE: 12-19-08  
DRAWN BY: LTL  
CHECKED BY: RJW/PKB

F. A. L. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL

(LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 289+50 TO STA. 316+00**

SCALE: VERT. NA  
HORIZ. 1" = 50'

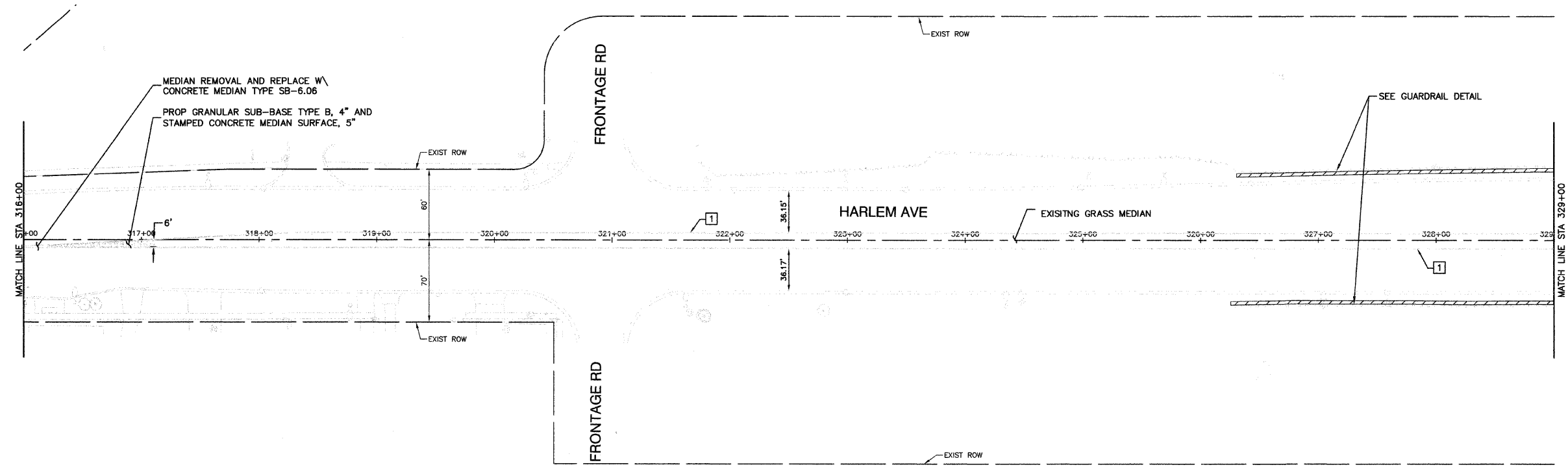
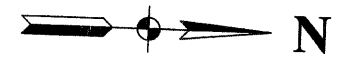
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
1700 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 581-8700 FAX (708) 581-9828  
ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128 07441-PLAN-01 P02

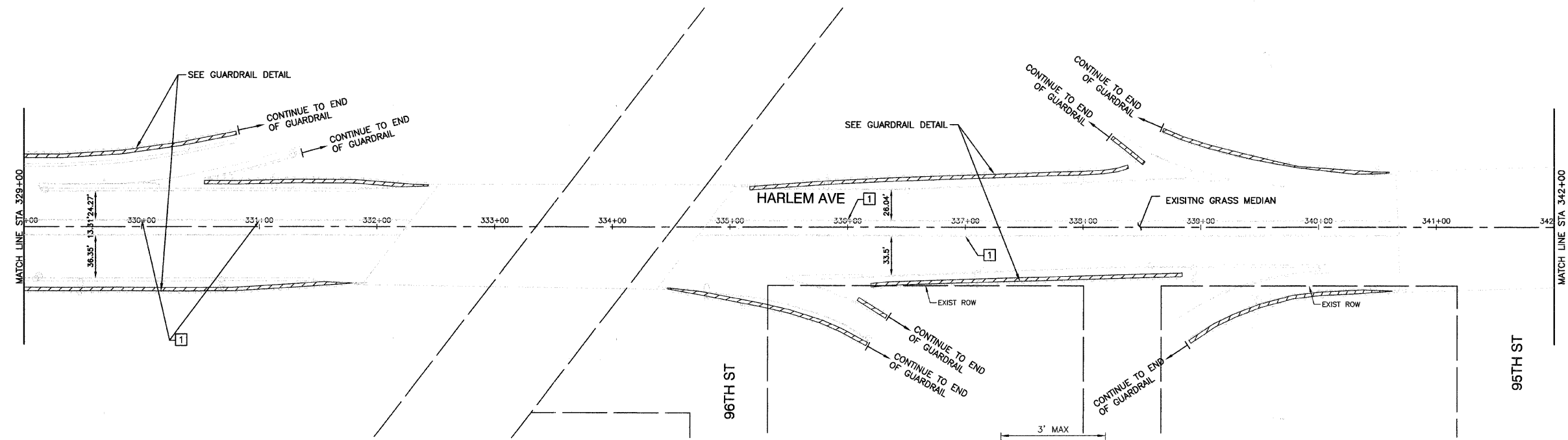
F. A. L. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL



**1** (LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 316+00 TO STA. 342+00**

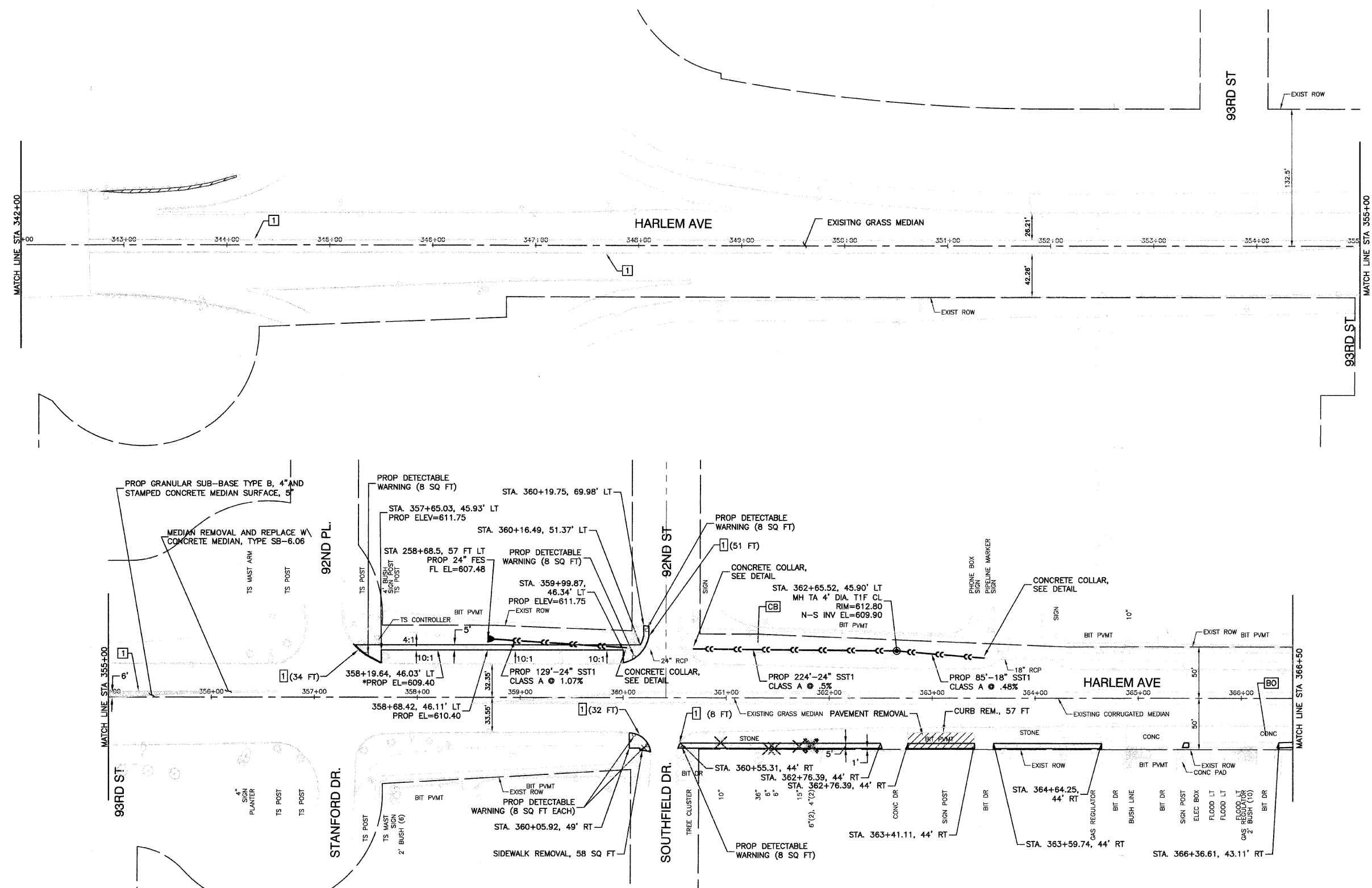
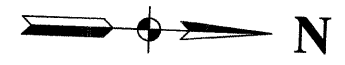
SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE: 12-19-08  
DRAWN BY: LTL  
CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60470  
(708) 331-4700 FAX (708) 331-3808 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128 07441-PLAN-01 P03



F. A. U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

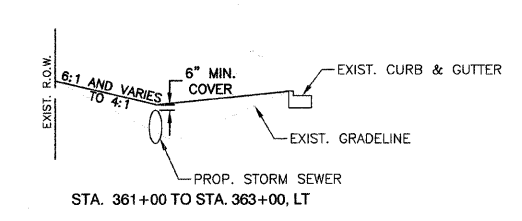
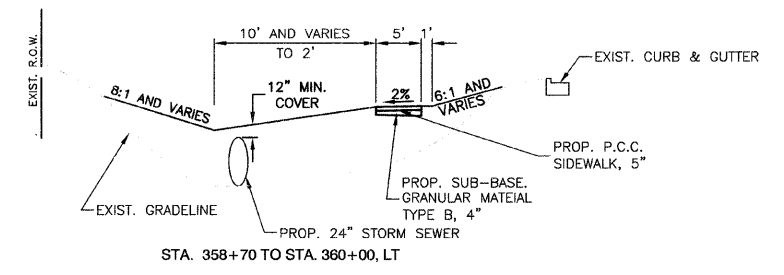
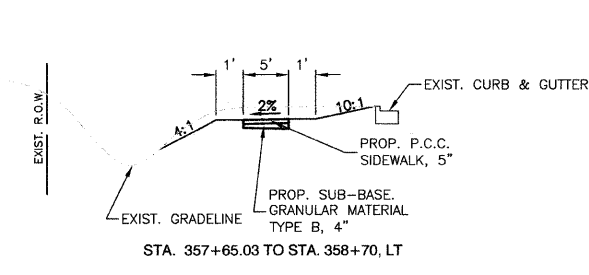
CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CB CATCH BASIN TO BE ADJUSTED
- MH MANHOLE TO BE ADJUSTED
- WV WATER VALVE TO BE ADJUSTED
- B-BOX BUFFALO BOX TO BE ADJUSTED
- HH HANDHOLE TO BE ADJUSTED
- HHR HANDHOLE TO BE RECONSTRUCTED
- BO EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- X TREE REMOVAL

**1** (LENGTH) COMBINATION CURB AND GUTTER REMOVAL, (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION



REVISIONS	
NAME	DATE

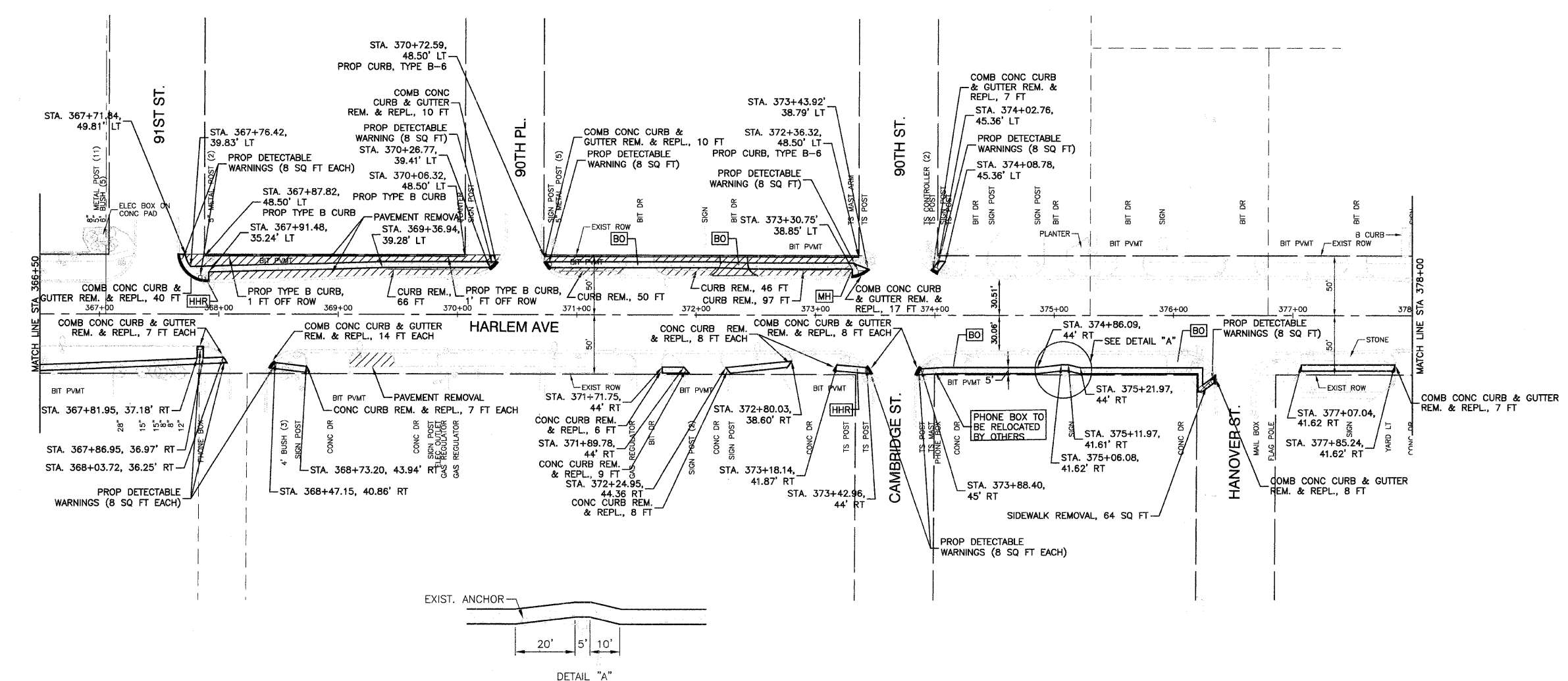
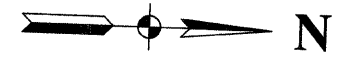
**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 342+00 TO STA. 366+50**

SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE: 12-19-08  
DRAWN BY: LTL  
CHECKED BY: RJW/PKB

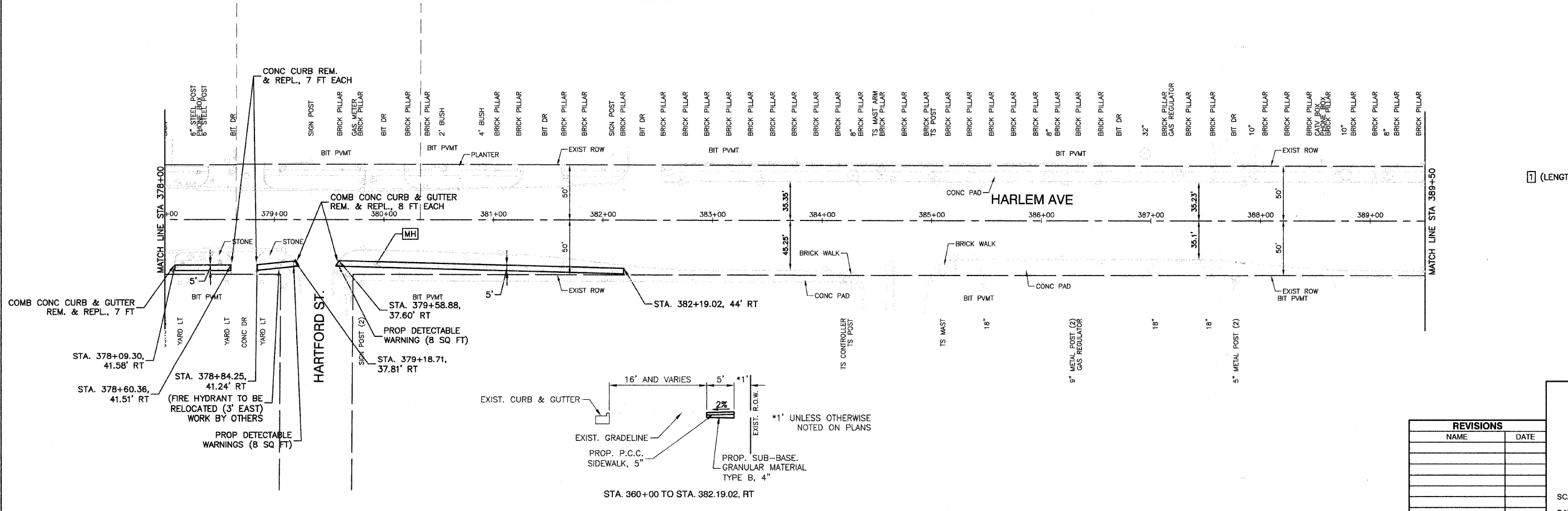
F. A. U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

- PROPOSED P.C.C. SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL



① (LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 366+50 TO STA. 389+50

SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE: 12-19-08  
DRAWN BY: LTL  
CHECKED BY: RJW/PKB

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 381-6700 FAX (708) 381-3828  
ILLINOIS DESIGN FIRM REGISTRATION NO. 186401198 07441-PLAN-01 P05

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ALINDS	FED. AID PROJECT		

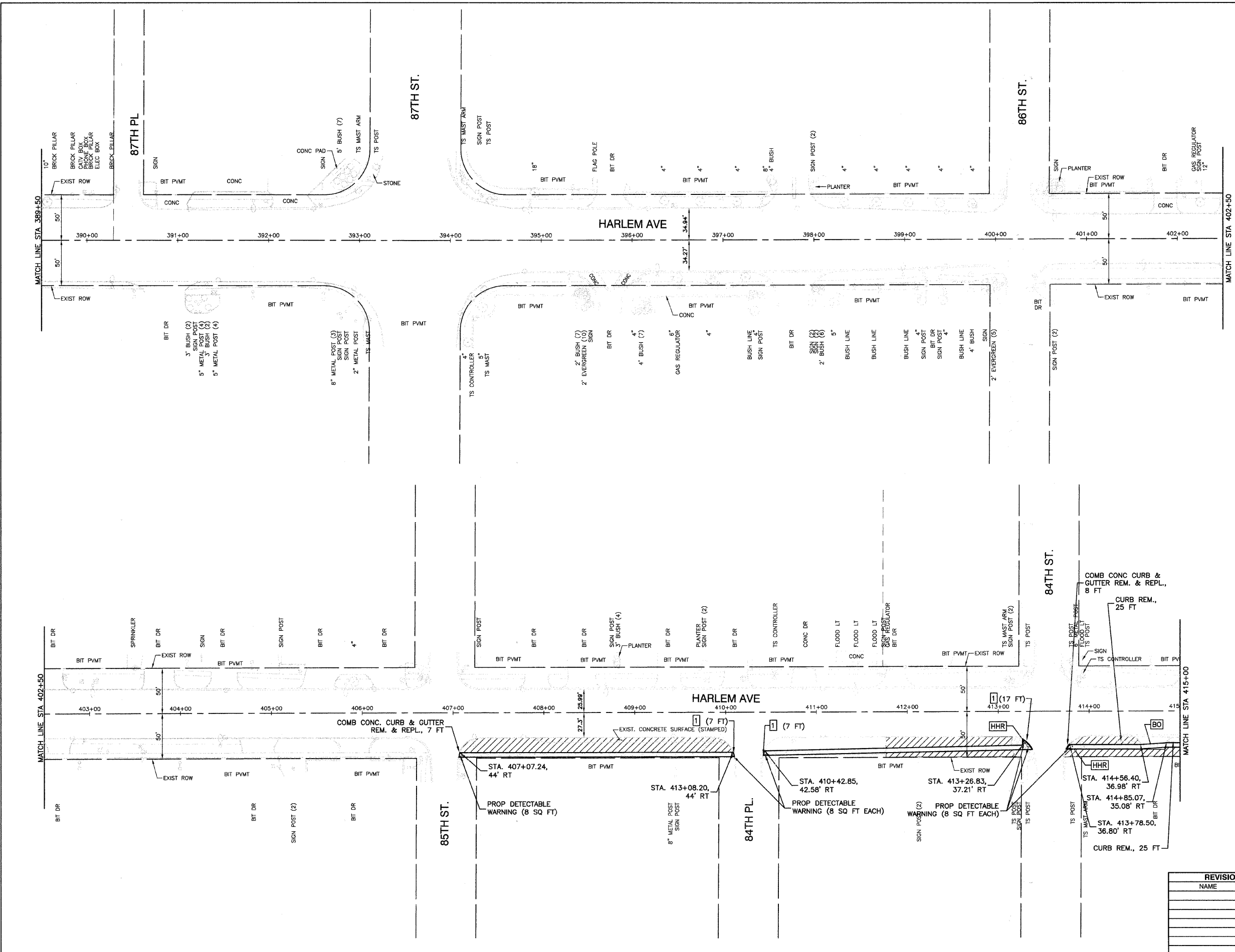
CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL

(LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 389+50 TO STA. 415+00**

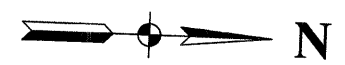
SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 381-6700 FAX (708) 381-3628 07441-PLAN-01 P06  
ILLINOIS DESIGN FIRM REGISTRATION NO. 184001108

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ELLINGS	FED. AID PROJECT		

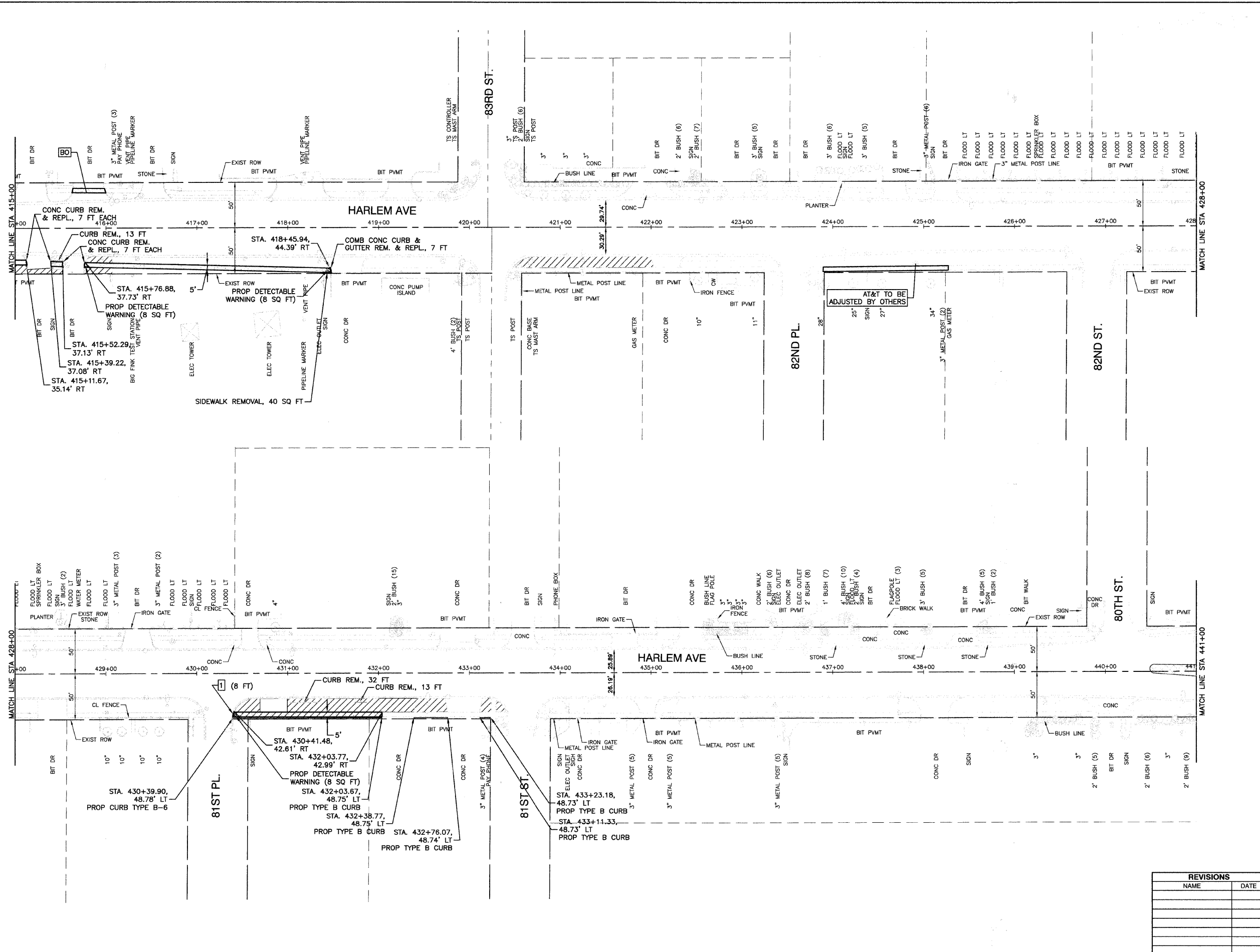
CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL

(LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION



REVISIONS	
NAME	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 415+00 TO STA. 441+00**

SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 321-4700 FAX (708) 321-3826 07441-PLAN-01 P07  
ILLINOIS DESIGN FIRM REGISTRATION NO. 154601128

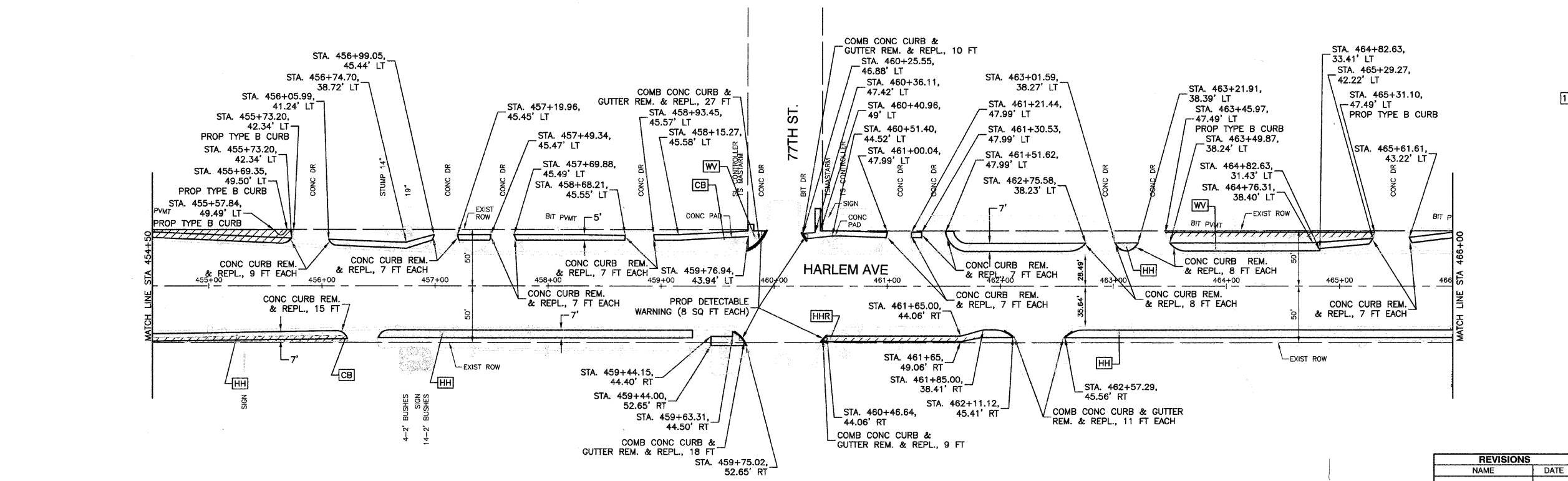
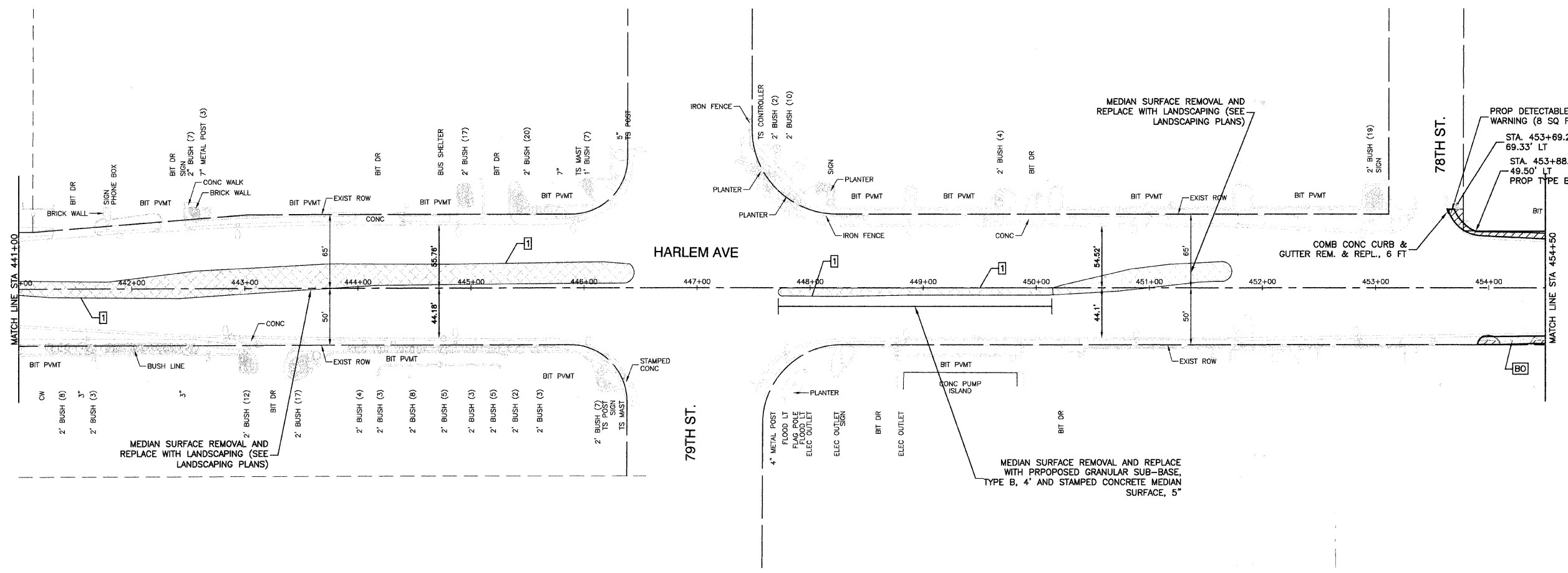
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348	07-00055-00-LS	COOK	41	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL



1 (LENGTH) COMBINATION CURB AND GUTTER REMOVAL (SPECIAL) AND REPLACE WITH CONCRETE CURB, TYPE B AND PAVEMENT RESTORATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 348 (HARLEM AVENUE)  
 PLAN SHEET  
 STA. 441+00 TO STA. 466+00

SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

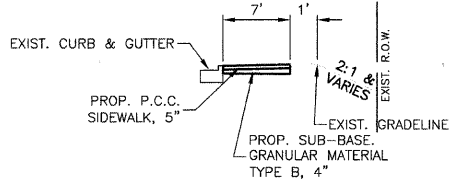
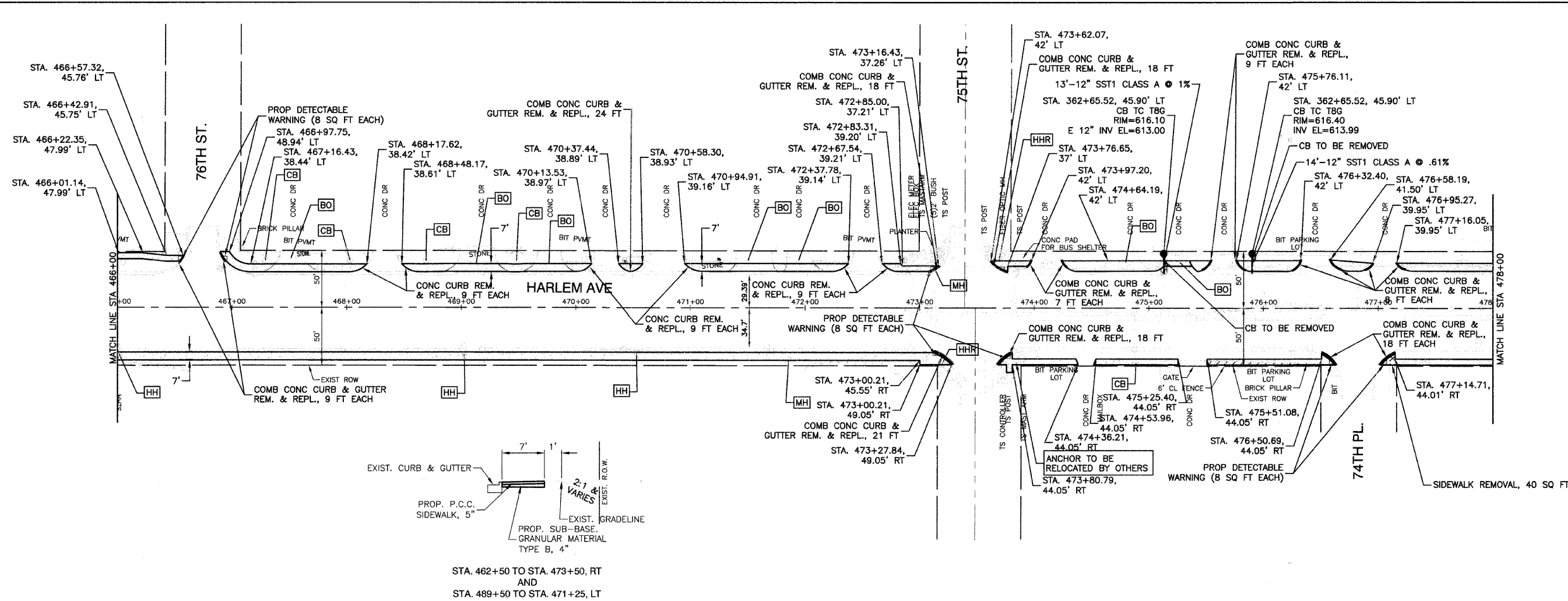
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348	07-00055-00-LS	COOK	41	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106

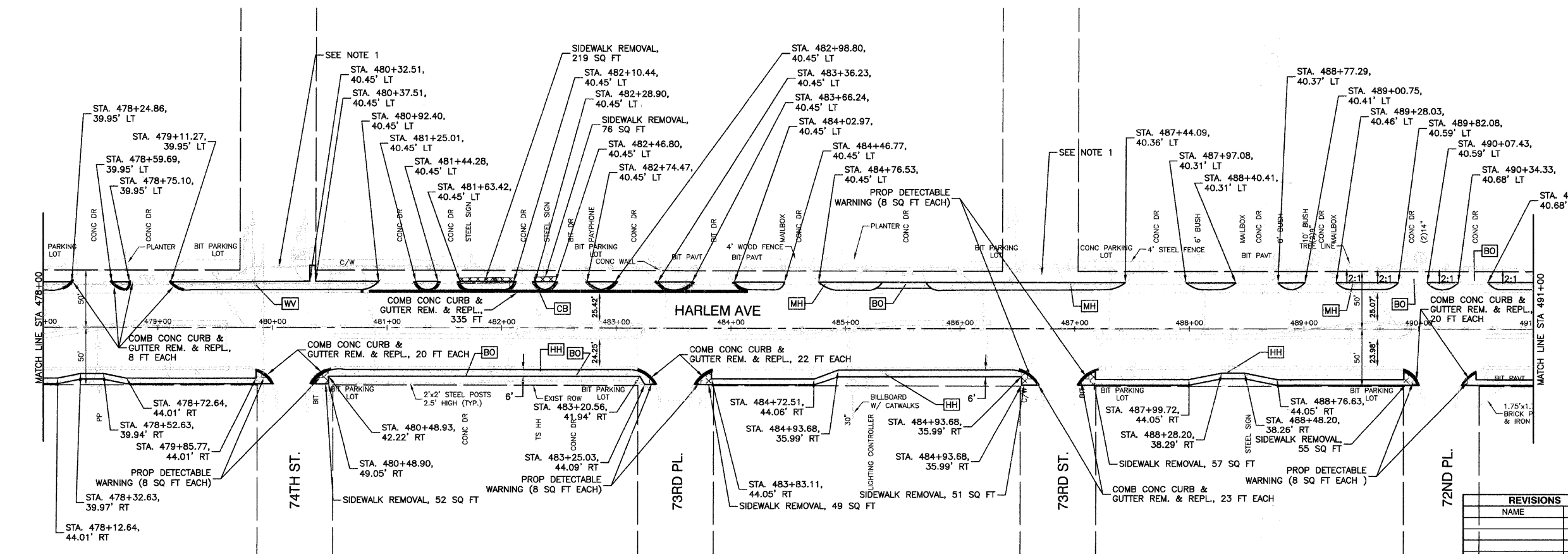


**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL



STA. 462+50 TO STA. 473+50, RT  
AND  
STA. 489+50 TO STA. 471+25, LT



**PLAN NOTES**  
1. 74TH, 73RD AND 72ND STREET HAVE BEEN CLOSED WEST OF HARLEM AVENUE. THE VILLAGE HAS REMOVED ALL PAVEMENT, CURB AND GUTTER PRIOR TO THIS CONTRACT.

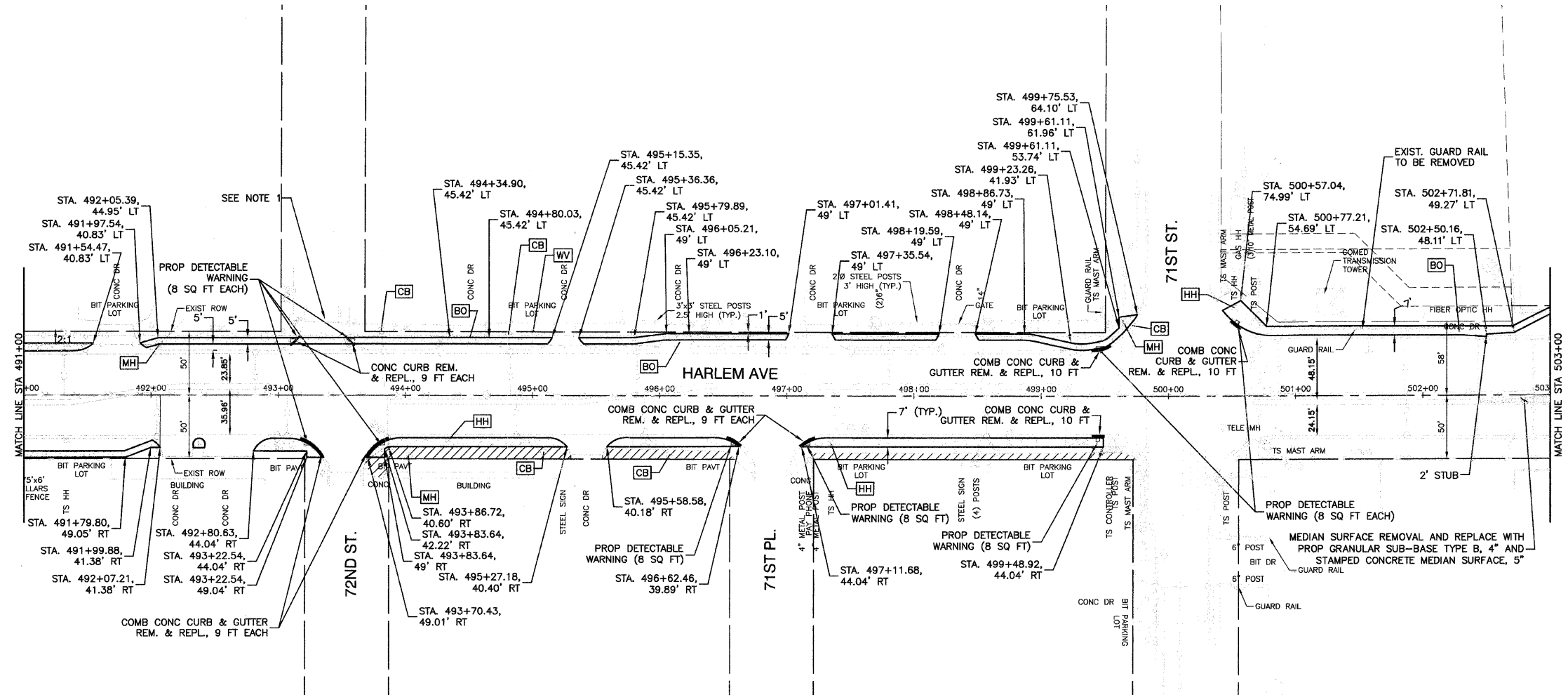
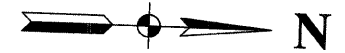
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 466+00 TO STA. 491+00**

SCALE: VERT. NA  
HORIZ 1" = 50'  
DATE 12-19-08  
DRAWN BY LTL  
CHECKED BY RJW/PKB

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL

**PLAN NOTES**

1. 74TH, 73RD AND 72ND STREET HAVE BEEN CLOSED WEST OF HARLEM AVENUE. THE VILLAGE HAS REMOVED ALL PAVEMENT, CURB AND GUTTER PRIOR TO THIS CONTRACT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 491+00 TO STA. 503+00**

SCALE: VERT. NA  
HORIZ. 1" = 50'

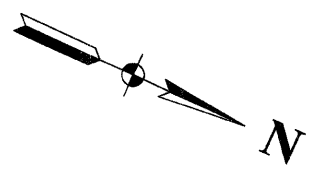
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
(708) 581-8700 FAX (708) 581-5828  
ILLINOIS DESIGN FIRM REGISTRATION NO. 186401128 07441-PLAN-01 P10

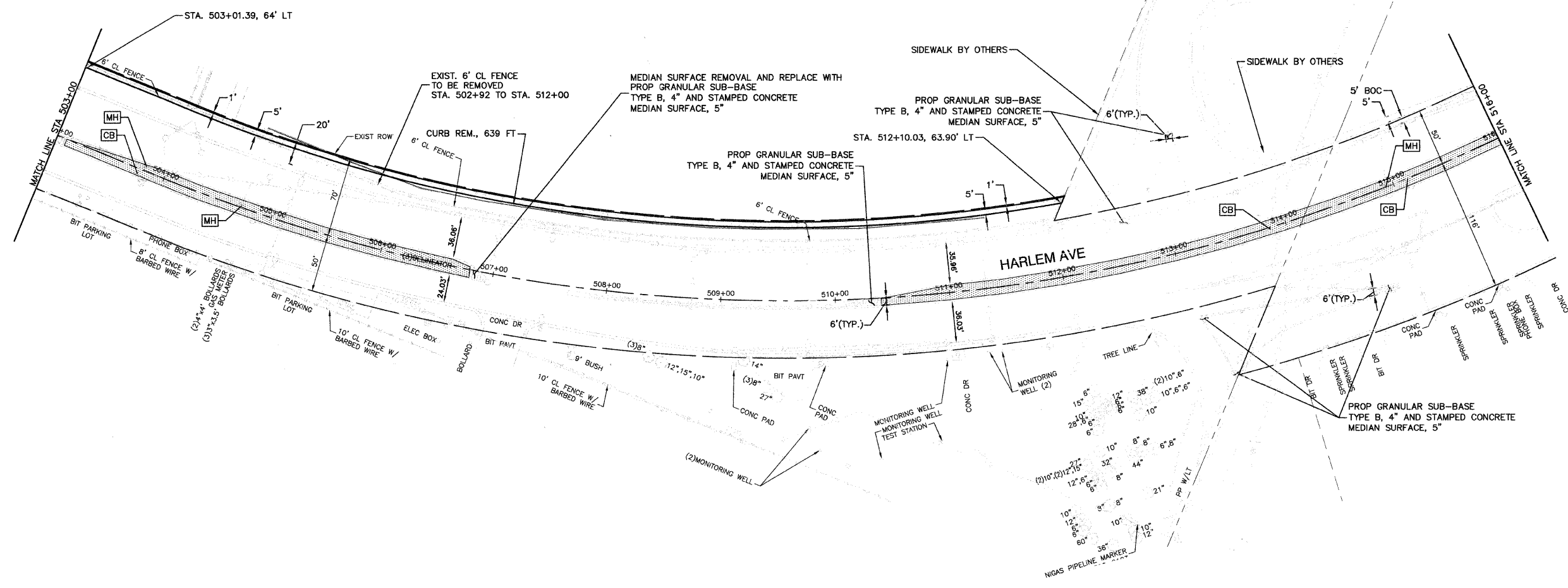
F. A. U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

- PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- PAVEMENT REMOVAL
- MEDIAN SURFACE REMOVAL
- CATCH BASIN TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- BUFFALO BOX TO BE ADJUSTED
- HANDHOLE TO BE ADJUSTED
- HANDHOLE TO BE RECONSTRUCTED
- EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
- TREE REMOVAL



REVISIONS	
NAME	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 503+00 TO STA. 516+00**

SCALE: VERT. NA  
HORIZ. 1" = 50'

DATE: 12-19-08

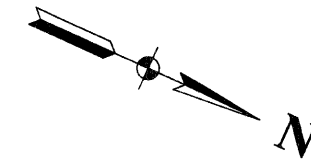
DRAWN BY: LTL  
CHECKED BY: RJW/PKB

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
(708) 321-6700 FAX (708) 321-3828  
ILLINOIS DESIGN FIRM REGISTRATION NO. 156-001128 07441-PLAN-01 P11














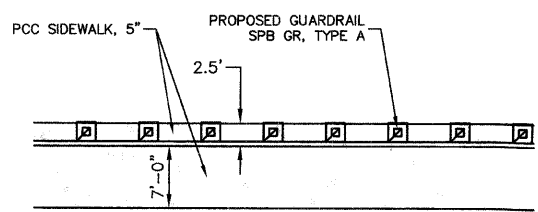
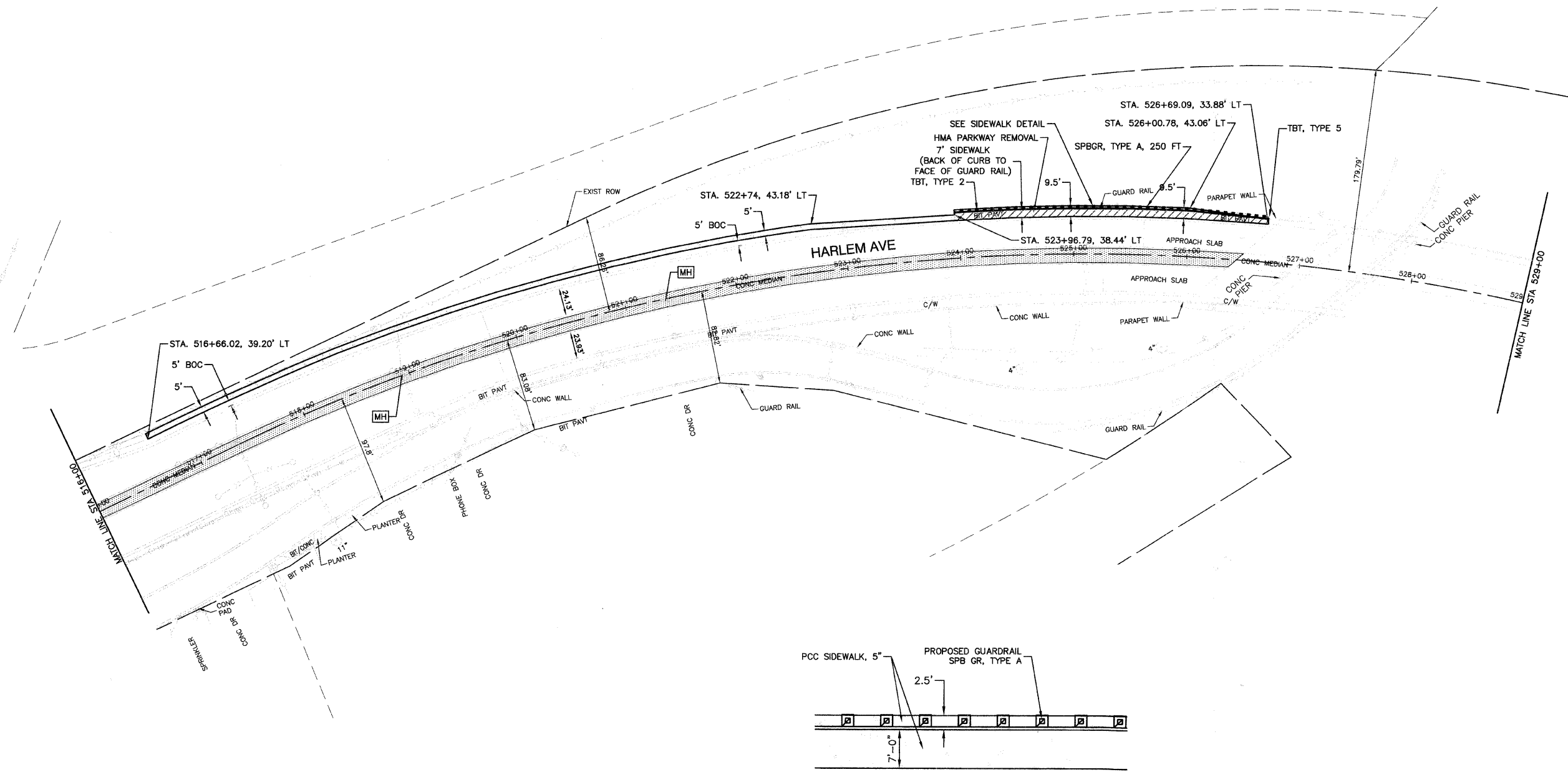
F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

-  PROPOSED PCC SIDEWALK, 5" SUB-BASE, GRANULAR MATERIAL TYPE B, 4"
-  PAVEMENT REMOVAL
-  MEDIAN SURFACE REMOVAL
-  CATCH BASIN TO BE ADJUSTED
-  MANHOLE TO BE ADJUSTED
-  WATER VALVE TO BE ADJUSTED
-  BUFFALO BOX TO BE ADJUSTED
-  HANDHOLE TO BE ADJUSTED
-  HANDHOLE TO BE RECONSTRUCTED
-  EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
-  TREE REMOVAL



**SIDEWALK DETAIL**

REVISIONS	
NAME	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 516+00 TO STA. 529+00**

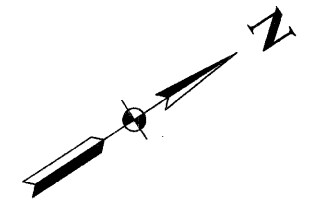
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HORIZ. 1" = 50'  
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB











ROBINSON ENGINEERING, LTD.  
17008 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 321-8700 FAX (708) 321-2828 07441-PLAN-01 P12  
ILLINOIS DESIGN FIRM REGISTRATION NO. 154601-02

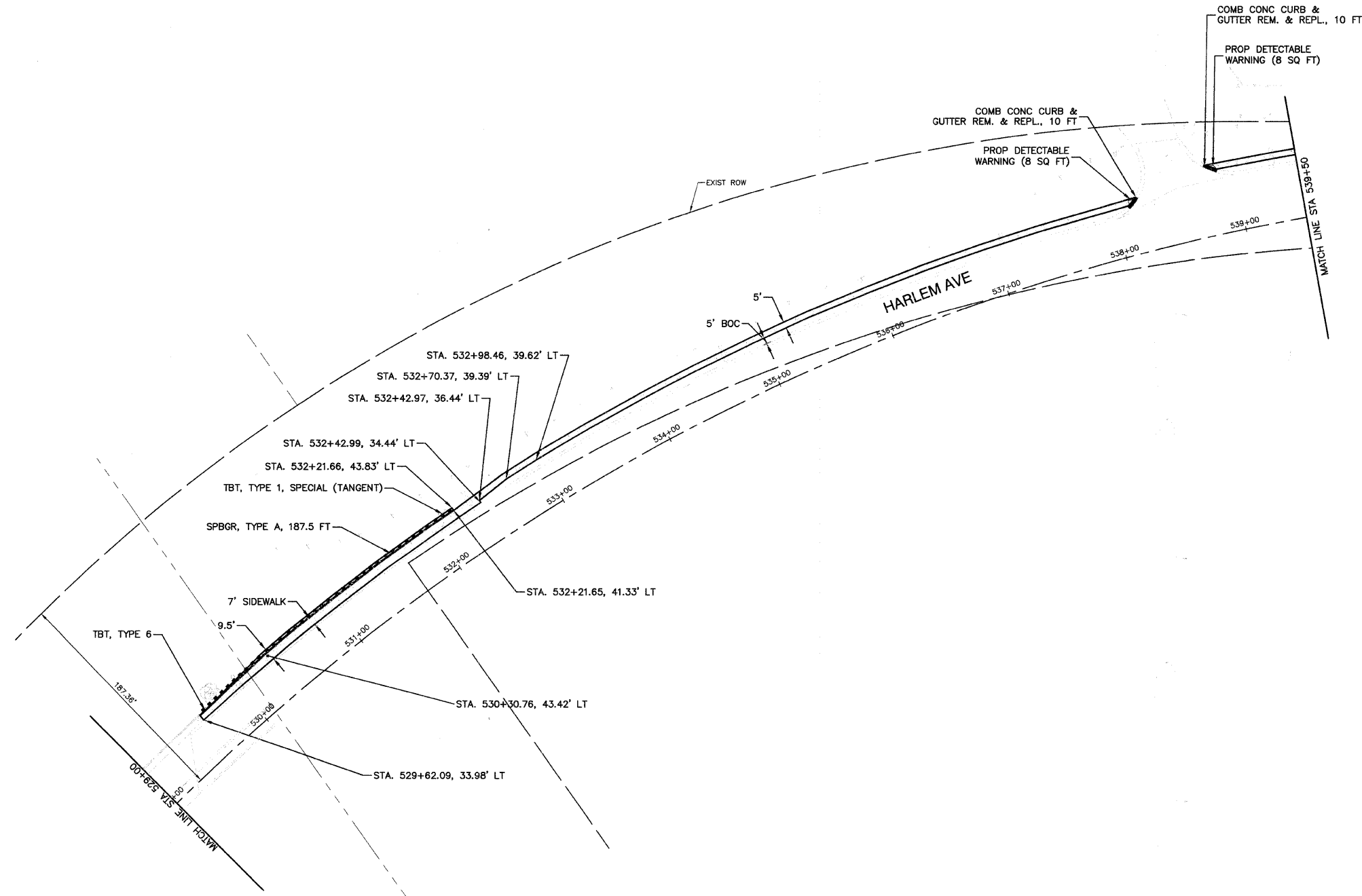
F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

-  PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
-  PAVEMENT REMOVAL
-  CATCH BASIN TO BE ADJUSTED
-  MANHOLE TO BE ADJUSTED
-  WATER VALVE TO BE ADJUSTED
-  BUFFALO BOX TO BE ADJUSTED
-  HANDHOLE TO BE ADJUSTED
-  HANDHOLE TO BE RECONSTRUCTED
-  EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
-  TREE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 529+00 TO STA. 539+50**

SCALE: VERT. NA  
HORIZ. 1" = 50'

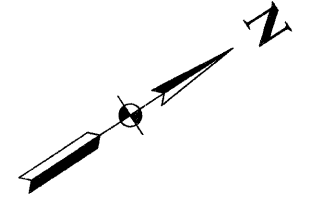
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB











**ROBINSON ENGINEERING, LTD.**  
17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
(708) 381-6700 FAX (708) 381-3820 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128 07441-PLAN-01 P13

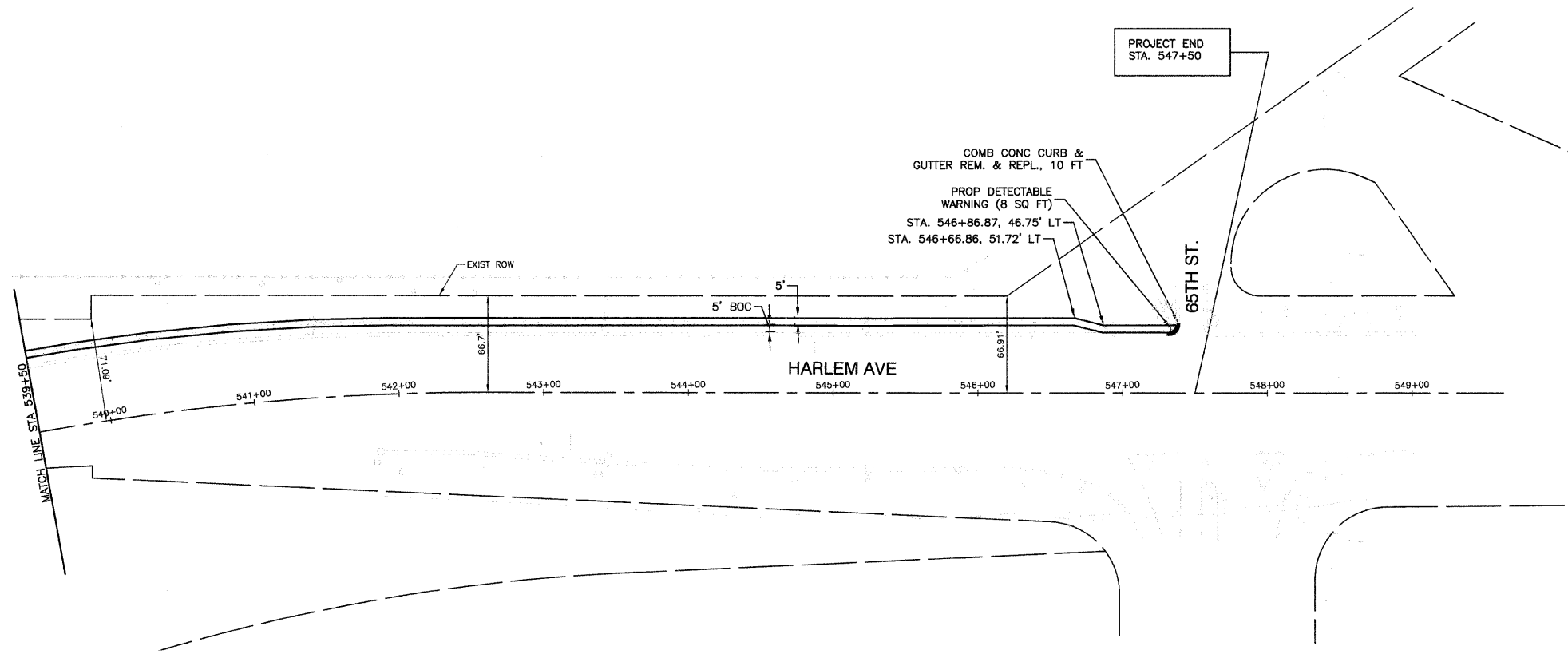
F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LEGEND**

-  PROPOSED PCC SIDEWALK, 5" SUB-BASE GRANULAR MATERIAL TYPE B, 4"
-  PAVEMENT REMOVAL
-  CATCH BASIN TO BE ADJUSTED
-  MANHOLE TO BE ADJUSTED
-  WATER VALVE TO BE ADJUSTED
-  BUFFALO BOX TO BE ADJUSTED
-  HANDHOLE TO BE ADJUSTED
-  HANDHOLE TO BE RECONSTRUCTED
-  EXISTING DRIVEWAY REMOVED BY OTHERS PRIOR TO CONTRACT
-  TREE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
PLAN SHEET  
STA. 539+50 TO 65TH STREET**

SCALE: VERT. NA  
HORIZ. 1" = 50'  
DATE 12-19-08  
DRAWN BY LTL  
CHECKED BY RJW/PKB

# GENERAL NOTES

1. The Contractor will not be allowed to set up a yard or field office on state property without written permission from the department or the villages.
2. It shall be the contractor's responsibility to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.
3. The contractor shall contact the district one traffic control supervisor at (847) 705-4155 a minimum of 72 hours in advance of beginning work.
3. The contractor shall be required to provide access to abutting property at all times during the construction of this project.
4. Underbrush or debris at planting locations shall be removed and disposed of in accordance with section 201 of the standard specifications. This work will not be paid for separately, but the costs shall be considered as included in the contract unit prices for the construction items involved, and no additional compensation will be allowed.
5. The contractor shall protect all existing plant material from damage for which the contract does not provide removal. The protection of existing plant material and the repair or replacement of existing material damaged by the contractor shall be done in accordance with the requirements of section 201 of the standard specifications unless otherwise noted.
6. All perennial plant beds shall have all the sod removed and disposed from the bed prior to tilling the earth as described in article 254.07(b) of the standard specifications.
7. All perennials shall be planted 12" on center and mulched as described in article 245.08 of the standard specifications.
8. Pre-emergent granular herbicide shall be placed in mulched beds according to the special provisions.
9. Village water, sewer mains and other utilities may be located in the landscape area. The actual location of proposed landscaping will be adjusted in the field to avoid utilities. The villages of Worth, Palos hills, Chicago ridge, Oak lawn, Bridgeview, Burbank, and Bedford Park are not part of "J.U.L.I.E." The contractor shall contact the respective villages to locate their utilities.
10. The contractor will not be allowed to proceed with any planting work until all utility owners their facilities which may interfere with construction operations.
11. Interseeding, Class 2A is the be used to renovate areas where existing turf is in poor condition, Exact locations will be determined during the construction by the engineer.
12. Mulch placement 4" is to be placed around existing trees and shrubs in locations shown on plans or as directed by the engineer.
13. Where mulch beds are specified, all existing grass, weeds, and debris are to removed are the beds tilled to a depth of 6" prior to placing proposed plants. Following planting, beds are to be mulched to a depth of 3". The work be considered including in the contract unit price for the planting items.
14. Landscape Contractor shall verify all utility locations (existing and proposed) along with existing conditions and grades (existing and proposed), and note any discrepancies to owner, Engineer, and Landscape Architect immediately, before proceeding with any work.
15. Base information for these plans was taken from Engineer's site survey, geometric, and grading plans. Contractor shall verify all dimensions and locations of existing and proposed features, and familiarize themselves with any obstacles encumbering the installation of this project.

16. Any existing tree surveys or locations for these plans were prepared by the Engineer or a certified arborist. See plans for information.

F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106

REVISIONS	
NAME	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
PLANT SPECIFICATION**

SCALE: VERT. NA  
 HORIZ. NA  
 DATE 12-19-08

DRAWN BY MJD  
 CHECKED BY R/JW/PKB

CONTRACT #63106

### HARLEM AVENUE STREETScape – BEDFORD PARK PLANT LIST

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
GT 3	12	Gleditsia triacanthos inermis 'Skyline'	Skyline Thornless Honeylocust	3" caliper	B&B
TC 3	14	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	3" caliper	B&B
UA 3	19	Ulmus x 'Accolade'	Morton Accolade Elm	3" caliper	B&B
<b>ORNAMENTAL TREES</b>					
BN 12	16	Betula nigra 'Heritage'	Heritage River Birch	12' ht.	3 STEM MIN.
<b>EVERGREEN TREES</b>					
PM 12	26	Pseudotsuga menziesii	Douglas Fir	12' ht.	B&B
PN 10	9	Pinus nigra	Austrian Pine	10' ht.	B&B
PGD 12	6	Picea glauca 'Densata'	Black Hills Spruce	12' ht.	B&B
<b>DECIDUOUS SHRUBS</b>					
AM	100	Aronia melanocarpa	Glossy Black Chokeberry	30-36" ht.	B&B
CS	14	Cornus sericea 'Kelsey'	Redtwig Dogwood	30-36" ht.	B&B
SP	96	Syringa patula 'Ms. Kim'	Ms. Kim Lilac	30-36" ht.	B&B
<b>PERENNIAL PLANTS</b>					
cas	30	Calamagrostis acutifolia 'Stricta'	Feather Reed Grass	1 gal.	Spaced 30" O.C.
<b>NATIVE WILDFLOWERS AND GRASSES</b>					
SEEDING, CLASS 4A (SPECIAL)				.33 AC	Seed and Blanket

### HARLEM AVENUE STREETScape – BURBANK PLANT LIST

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
AFA 3	4	Acer x freemanii 'Armstrong'	Armstrong Maple	3" caliper	B&B
CAR 3	6	Carpinus caroliniana	American Hornbeam	3" caliper	B&B
GB 3	5	Ginkgo biloba 'Magyar'	Magyar Ginkgo (Male)	3" caliper	B&B
GT 3	6	Gleditsia triacanthos inermis 'Skyline'	Skyline Thornless Honeylocust	3" caliper	B&B
PC 3	5	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	3" caliper	B&B
UA 3	2	Ulmus x 'Accolade'	Morton Accolade Elm	3" caliper	B&B
<b>NATIVE WILDFLOWERS AND GRASSES</b>					
Class 1A Salt Tolerant Lawn Mixture				.05 AC	Seed and Blanket

### HARLEM AVENUE STREETScape – OAK LAWN PLANT LIST

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
AF 3	21	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Freeman Maple	3" caliper	B&B

### HARLEM AVENUE STREETScape – CHICAGO RIDGE PLANT LIST

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
AFA 3	17	Acer x freemanii 'Armstrong'	Armstrong Maple	3" caliper	B&B
CAR 3	21	Carpinus caroliniana	American Hornbeam	3" caliper	B&B
GB 3	11	Ginkgo biloba 'Magyar'	Magyar Ginkgo (Male)	3" caliper	B&B
GT 3	3	Gleditsia triacanthos inermis 'Skyline'	Skyline Thornless Honeylocust	3" caliper	B&B
PC 3	17	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	3" caliper	B&B
TC 3	10	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	3" caliper	B&B
<b>DECIDUOUS SHRUBS</b>					
AM	387	Aronia melanocarpa	Glossy Black Chokeberry	30-36" ht.	B&B
<b>NATIVE WILDFLOWERS AND GRASSES</b>					
Class 1A Salt Tolerant Lawn Mixture				.03 AC	Seed and Blanket

### HARLEM AVENUE STREETScape – BRIDGEVIEW PLANT LIST

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
AF 3	55	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Freeman Maple	3" caliper	B&B
AF 6	27	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Freeman Maple	6" caliper	B&B
AFA 3	30	Acer x freemanii 'Armstrong'	Armstrong Maple	3" caliper	B&B
CAR 3	65	Carpinus caroliniana	American Hornbeam / Ironwood	3" caliper	B&B
GB 3	21	Ginkgo biloba 'Magyar'	Magyar Ginkgo (Male)	3" caliper	B&B
GT 3	42	Gleditsia triacanthos inermis 'Skyline'	Skyline Thornless Honeylocust	3" caliper	B&B
PCA 4	85	Pyrus calleryana 'Aristocrat'	Aristocrat Pear	3" caliper	B&B
PC 3	25	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	3" caliper	B&B
QB 3	5	Quercus bicolor	Swamp White Oak	3" caliper	B&B
QR 3	5	Quercus rubra	Red Oak	3" caliper	B&B
TC 3	35	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	3" caliper	B&B
UA 3	54	Ulmus x 'Accolade'	Morton Accolade Elm	3" caliper	B&B
<b>ORNAMENTAL TREES</b>					
AGA	130	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry Autumn Brilliance	2 1/2" caliper	SINGLE STEM TREE FORM
BN 8	9	Betula nigra 'Heritage'	Heritage River Birch	8' ht.	3 STEM MIN.
BN 12	34	Betula nigra 'Heritage'	Heritage River Birch	12' ht.	3 STEM MIN.
BN 18	8	Betula nigra 'Heritage'	Heritage River Birch	18' ht.	3 STEM MIN.
<b>EVERGREEN TREES</b>					
PM 12	34	Pseudotsuga menziesii	Douglas Fir	12' ht.	B&B
PN 10	11	Pinus nigra	Austrian Pine	10' ht.	B&B
PGD 12	26	Picea glauca 'Densata'	Black Hills Spruce	12' ht.	B&B
<b>DECIDUOUS SHRUBS</b>					
AM	641	Aronia melanocarpa	Glossy Black Chokeberry	30-36" ht.	B&B
CS	324	Cornus sericea 'Kelsey'	Redtwig Dogwood	30-36" ht.	B&B
RA	1496	Rhus aromatica 'Gro-Low'	Fragrant Sumac	18-24" spr.	B&B
RT 4	6	Rhus typhina 'Laciniata'	Staghorn Sumac	3'-4' ht.	B&B
SNS	29	Spiraea nipponica 'Snowmound'	Snowmound Spirea	24-30" ht.	B&B
SP	404	Syringa patula 'Ms. Kim'	Ms. Kim Lilac	30-36" ht.	B&B
VTW	48	Viburnum trilobum 'Wentworth'	Wentworth American Cranberrybush	30-36" ht.	B&B
<b>PERENNIAL PLANTS</b>					
cas	986	Calamagrostis acutifolia 'Stricta'	Feather Reed Grass	1 gal.	Spaced 30" O.C.
ep	203	Echinacea purpurea 'Magnus Pink'	Purple Coneflower	1 gal.	Spaced 24" O.C.
pat	867	Perovskia atriplicifolia 'Longin'	Russian Sage	1 gal.	Spaced 24" O.C.
mss	105	Miscanthus sinensis 'Purpureascens'	Purple Maiden Grass	1 gal.	Spaced 36" O.C.
rf	890	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	1 gal.	Spaced 24" O.C.
<b>NATIVE WILDFLOWERS AND GRASSES</b>					
SEEDING, CLASS 5 (SPECIAL)				.13 AC	Seed and Blanket
SEEDING, CLASS 4A (SPECIAL)				1.13 AC	Seed and Blanket
Class 1A Salt Tolerant Lawn Mixture				1.77 AC	Seed and Blanket
Class 1B Low Maintenance Lawn Mixture				1.30 AC	Seed and Blanket

### HARLEM AVENUE STREETScape – WORTH PLANT LIST

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
PC 3	1	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	3" caliper	B&B

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 348 (HARLEM AVENUE)  
LANDSCAPE PLANT LIST

SCALE: VERT. NA  
HORIZ. NA

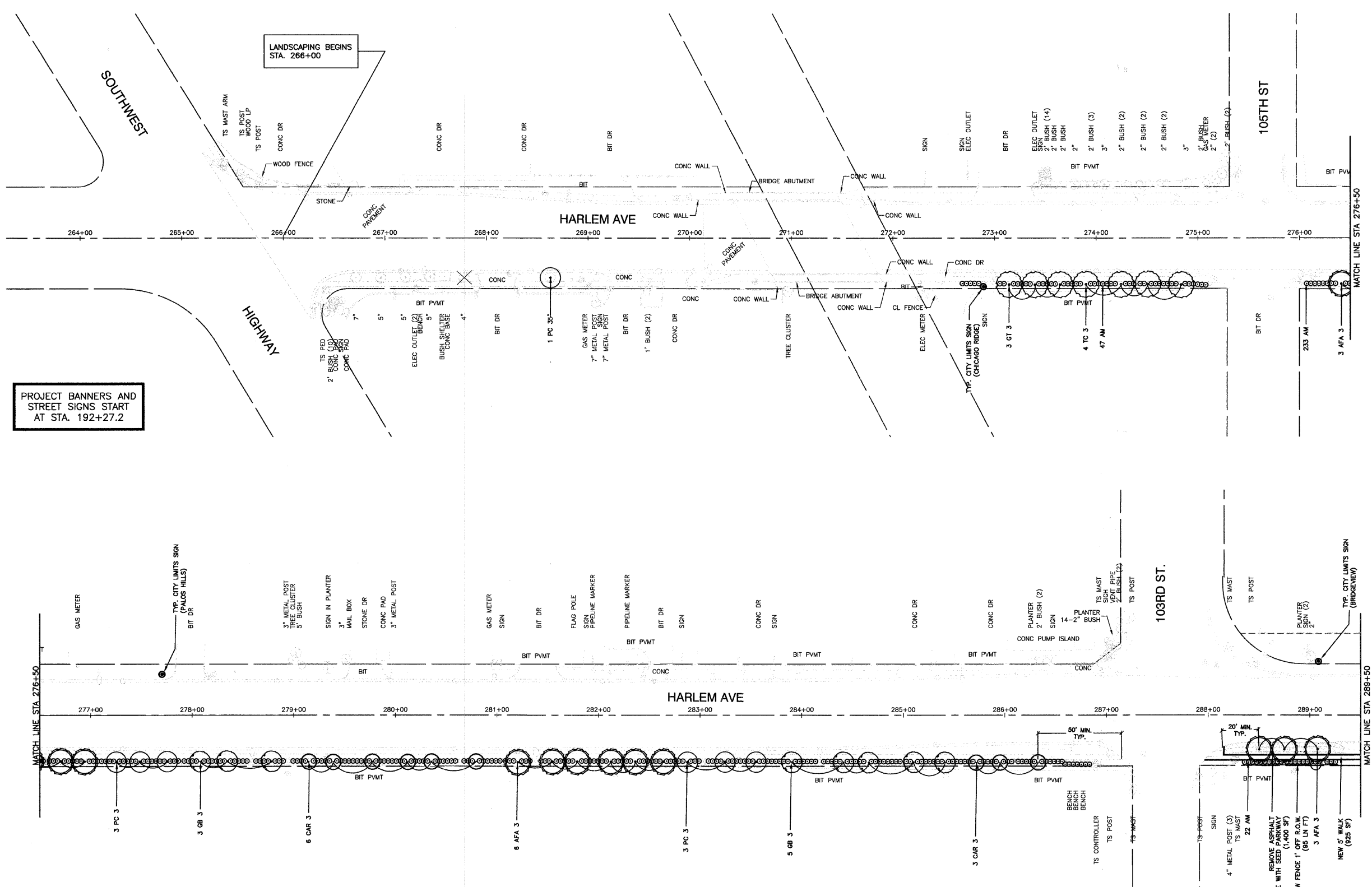
DATE: 12-19-08

DRAWN BY: MJD  
CHECKED BY: RJW/PKB

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
(708) 381-6100 FAX (708) 381-9829  
ILLINOIS DESIGN FIRM REGISTRATION NO. 194001128

F. A. U. MILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



PROJECT BANNERS AND STREET SIGNS START AT STA. 192+27.2

LANDSCAPING BEGINS STA. 266+00

**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 105TH STREET TO STA. 289+50**

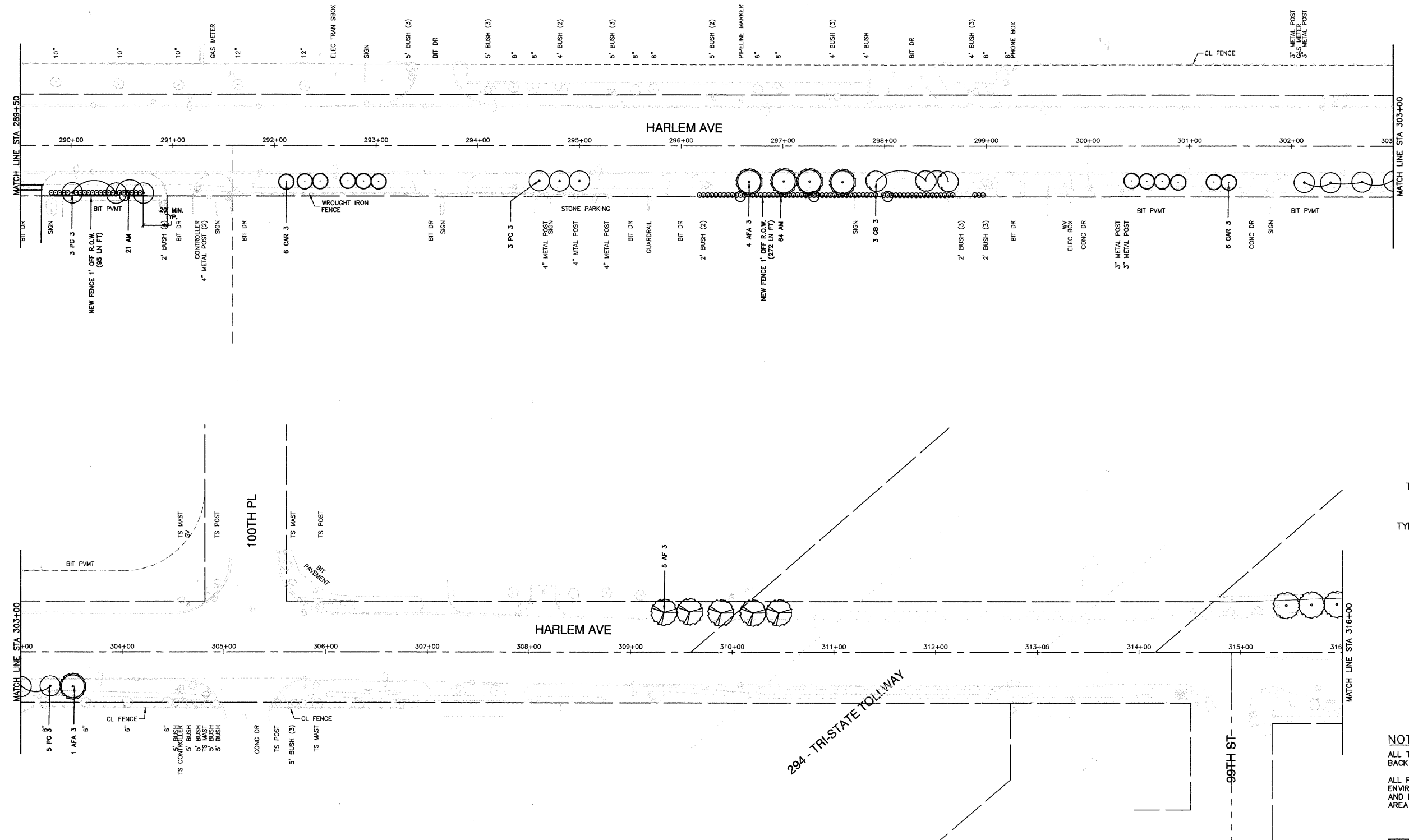
SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE 12-19-08

DRAWN BY LTL  
 CHECKED BY RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
 (708) 981-8700 FAX (708) 981-8828  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 160001126

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 289+50 TO STA. 316+00**

SCALE: VERT. NA  
 HORIZ. 1" = 50'

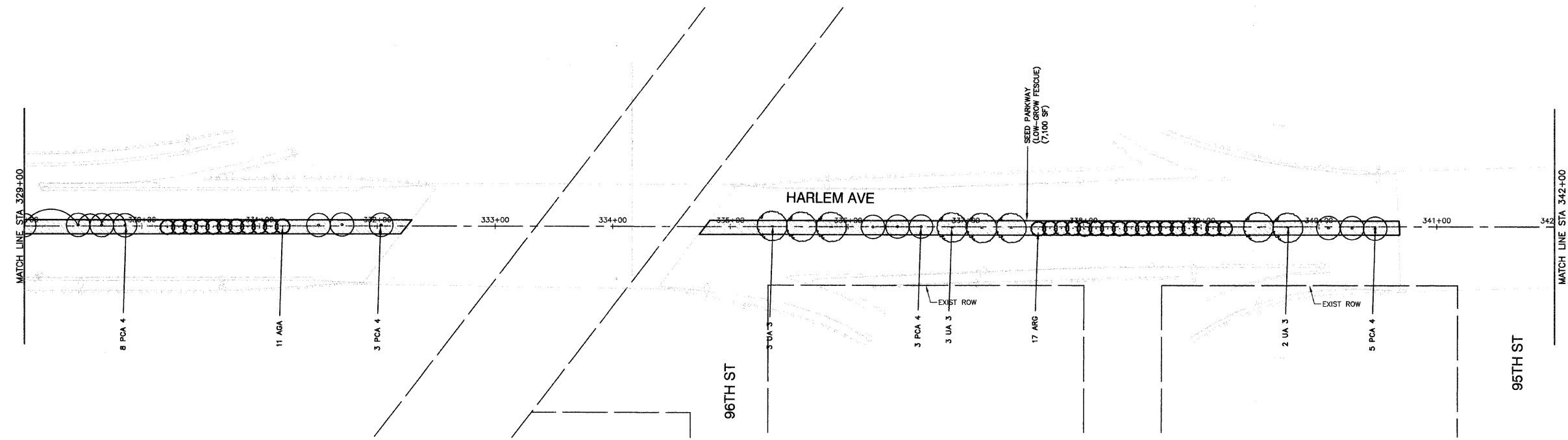
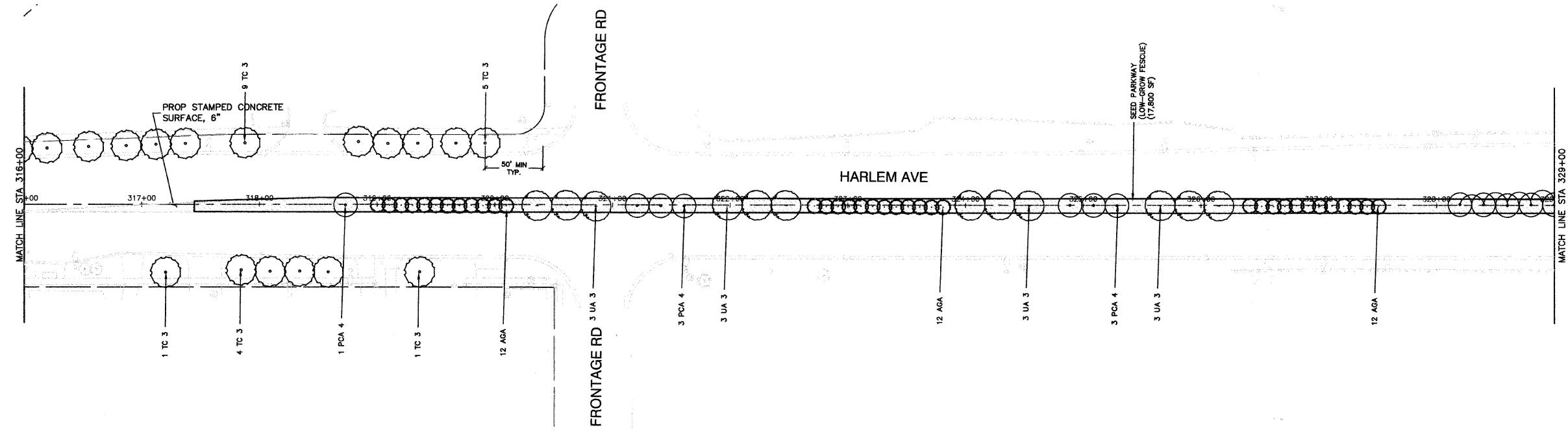
DATE 12-19-08

DRAWN BY LTL  
 CHECKED BY RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
 1700 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
 (708) 381-0100 FAX (708) 381-3628  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 186001128 07441-LNSC-01 P02

F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 316+00 TO STA. 342+00**

SCALE: VERT. NA  
 HORIZ. 1" = 50'

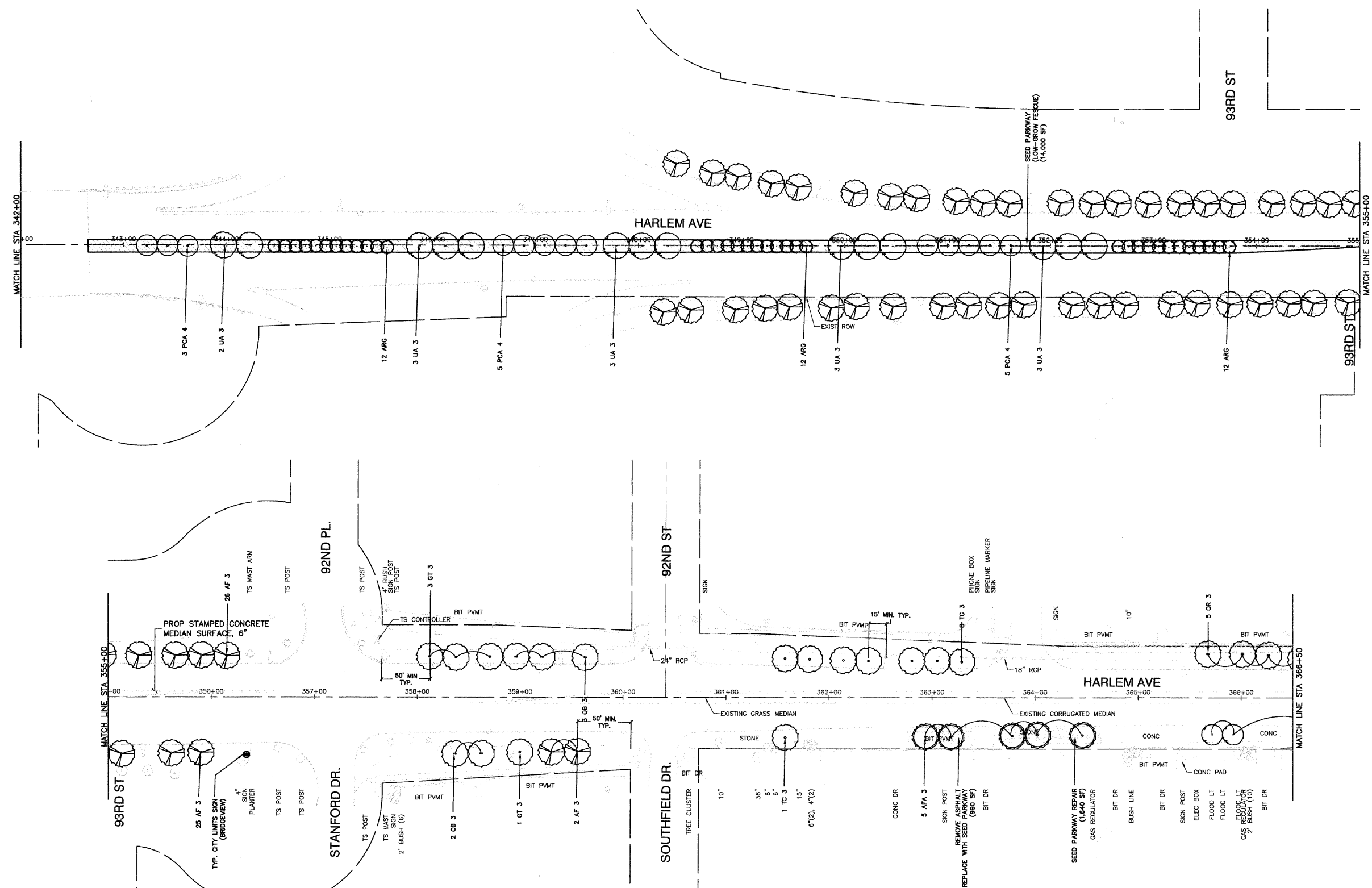
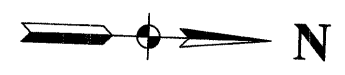
DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB



F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ELLINGS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 342+00 TO STA. 366+50**

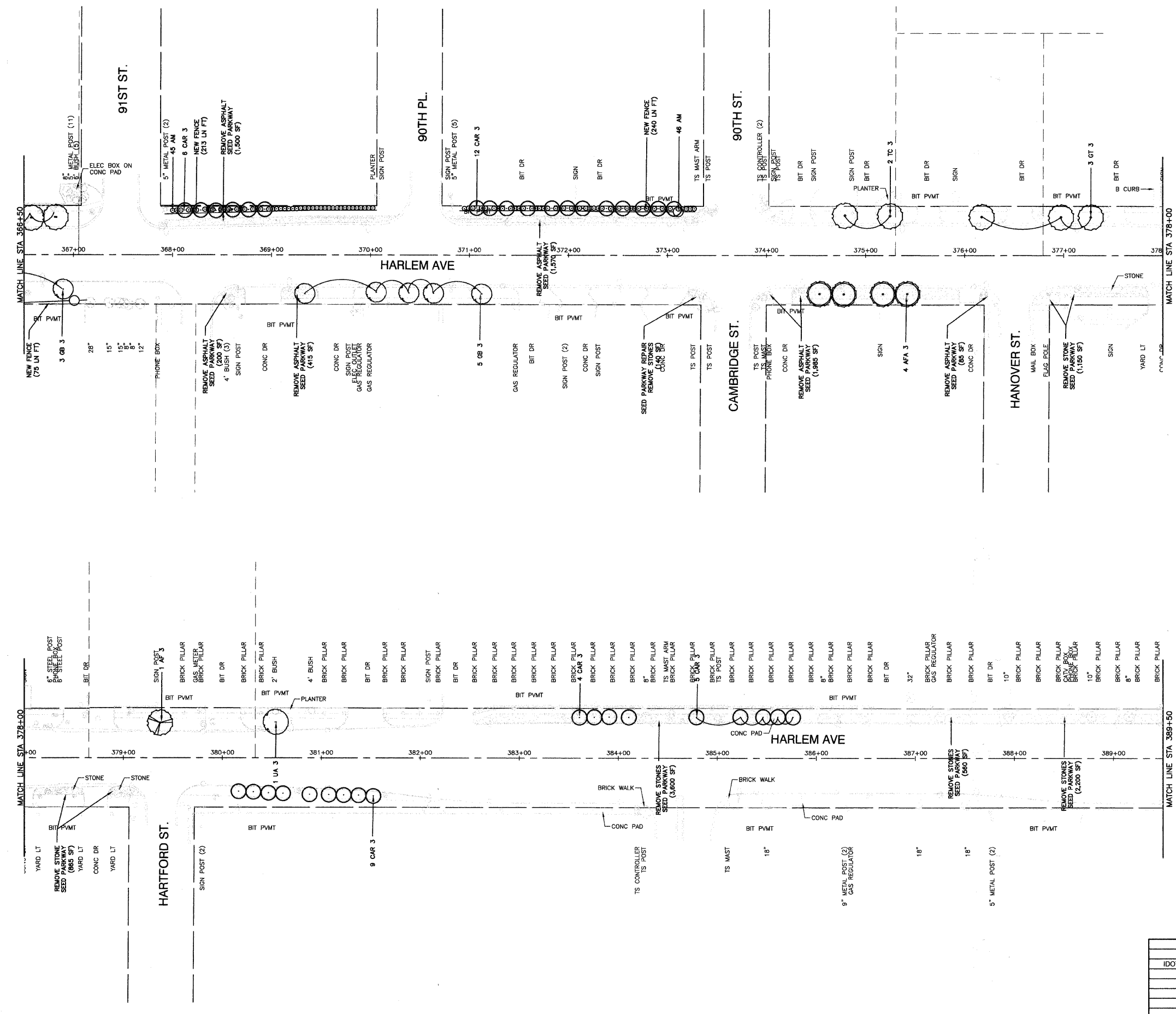
SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
 (708) 321-6700 FAX (708) 321-0828  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 156401128 07441-LNSC-01 P04

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

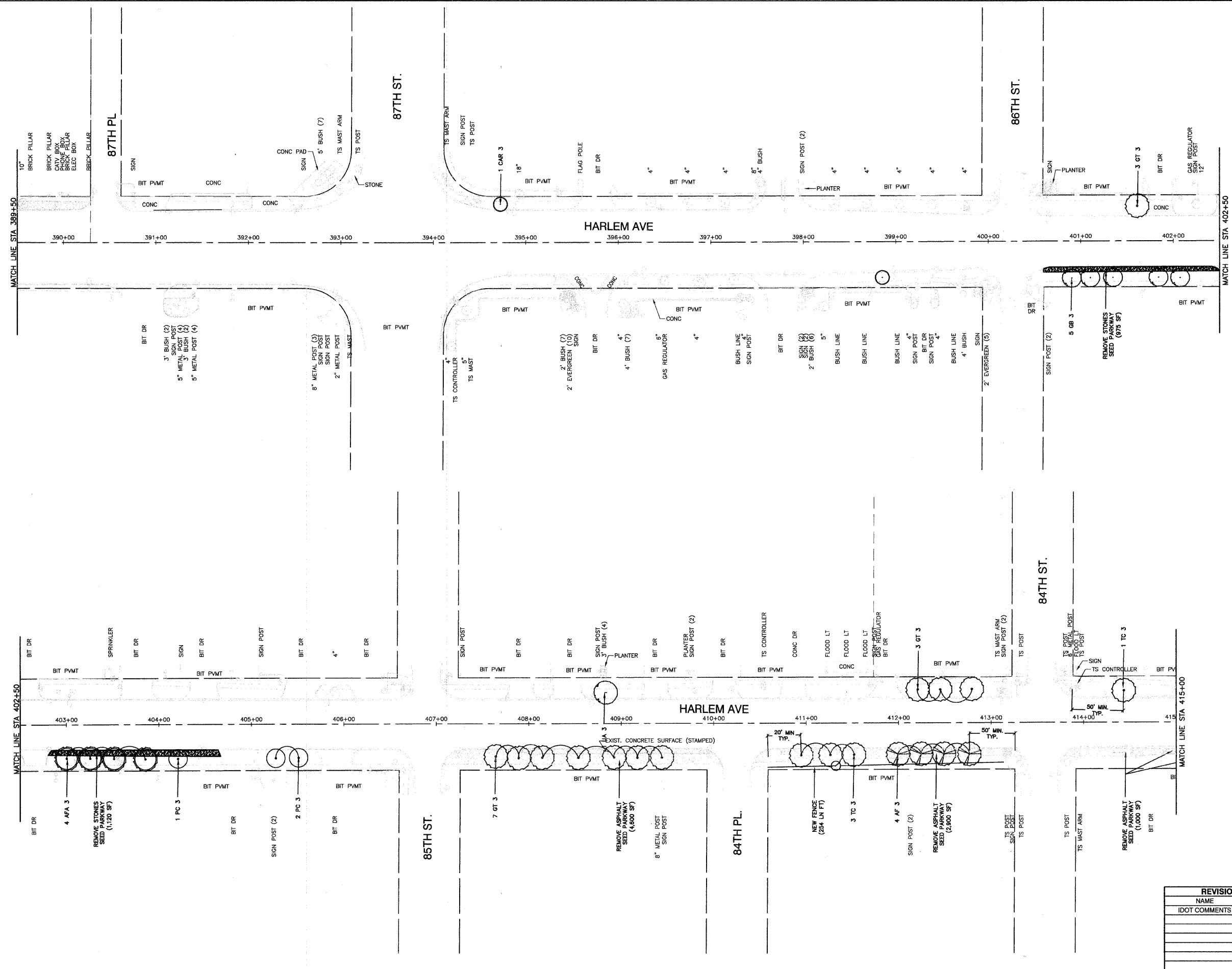
REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 366+50 TO STA. 389+50**

SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08  
 DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

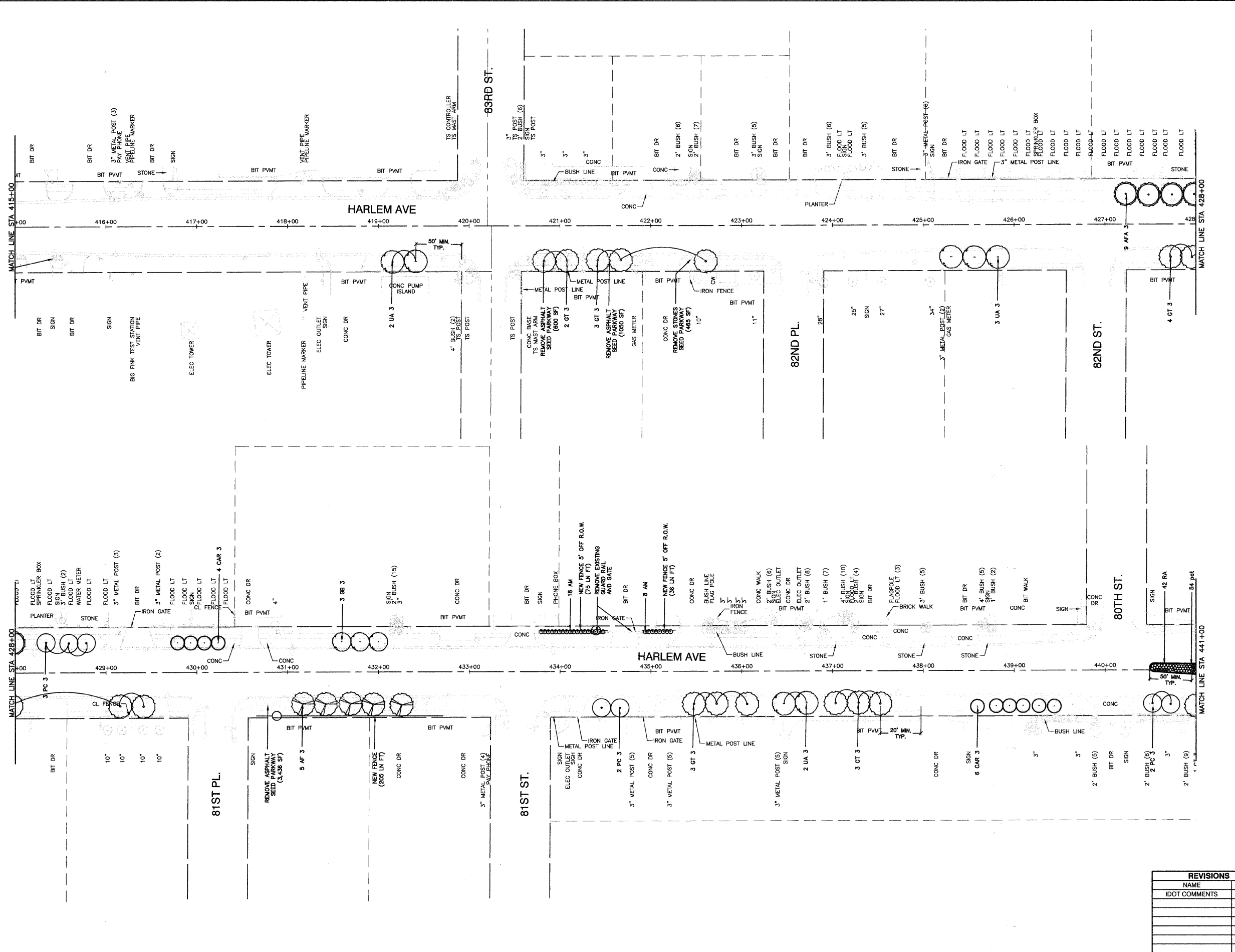
REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 389+50 TO STA. 415+00**

SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08  
 DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

F. A. U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 415+00 TO STA. 441+00**

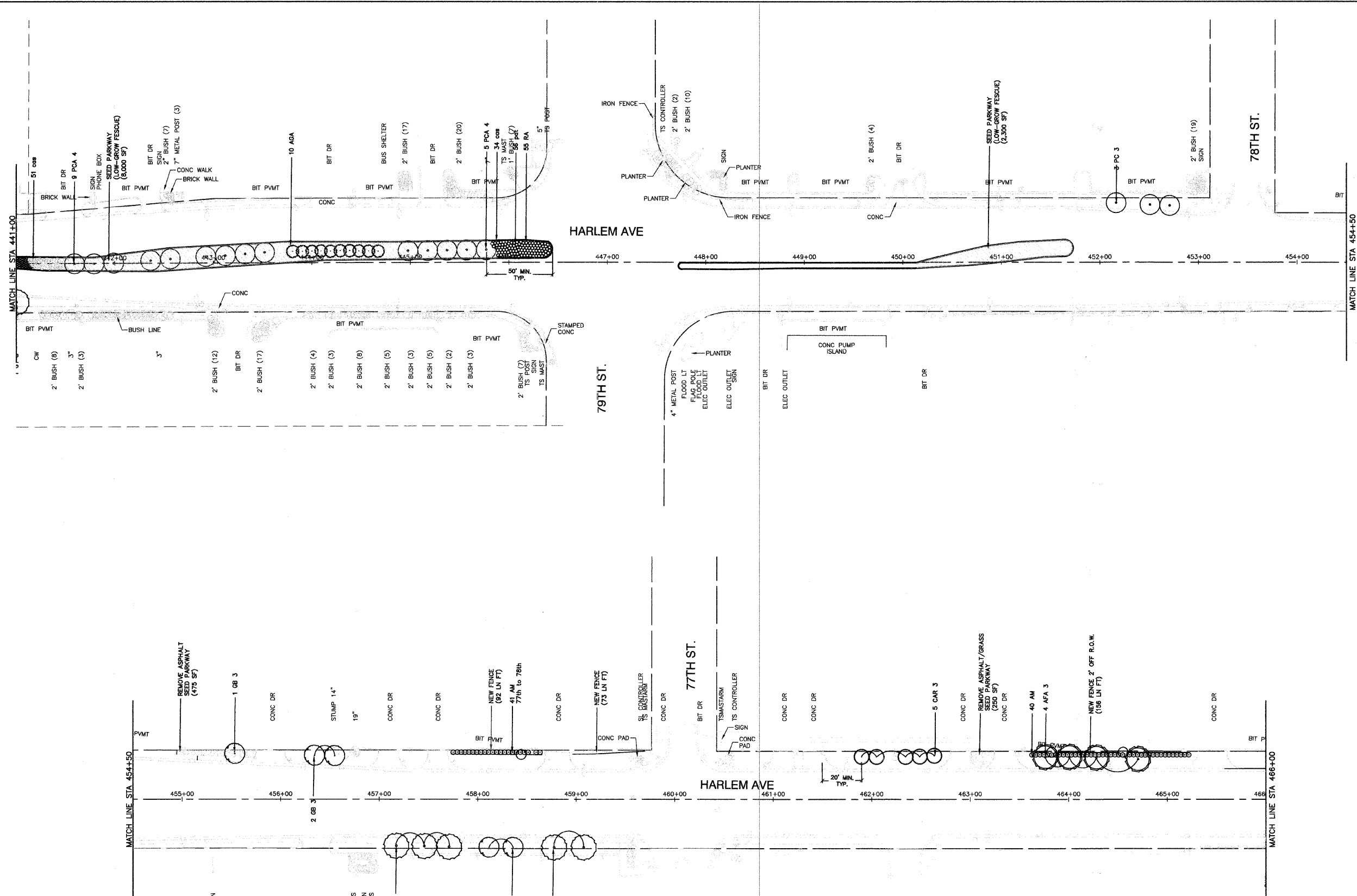
SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
 17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
 (708) 591-6700 FAX (708) 591-9828  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 156001158

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 441+00 TO STA. 466+00**

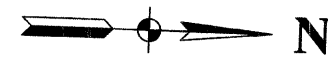
SCALE: VERT. NA  
 HORIZ 1" = 50'  
 DATE 12-19-08

DRAWN BY LTL  
 CHECKED BY RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
 (708) 951-8700 FAX (708) 951-8828  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 16400128 07441-LNSC-01 P08

F. A. U. RILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

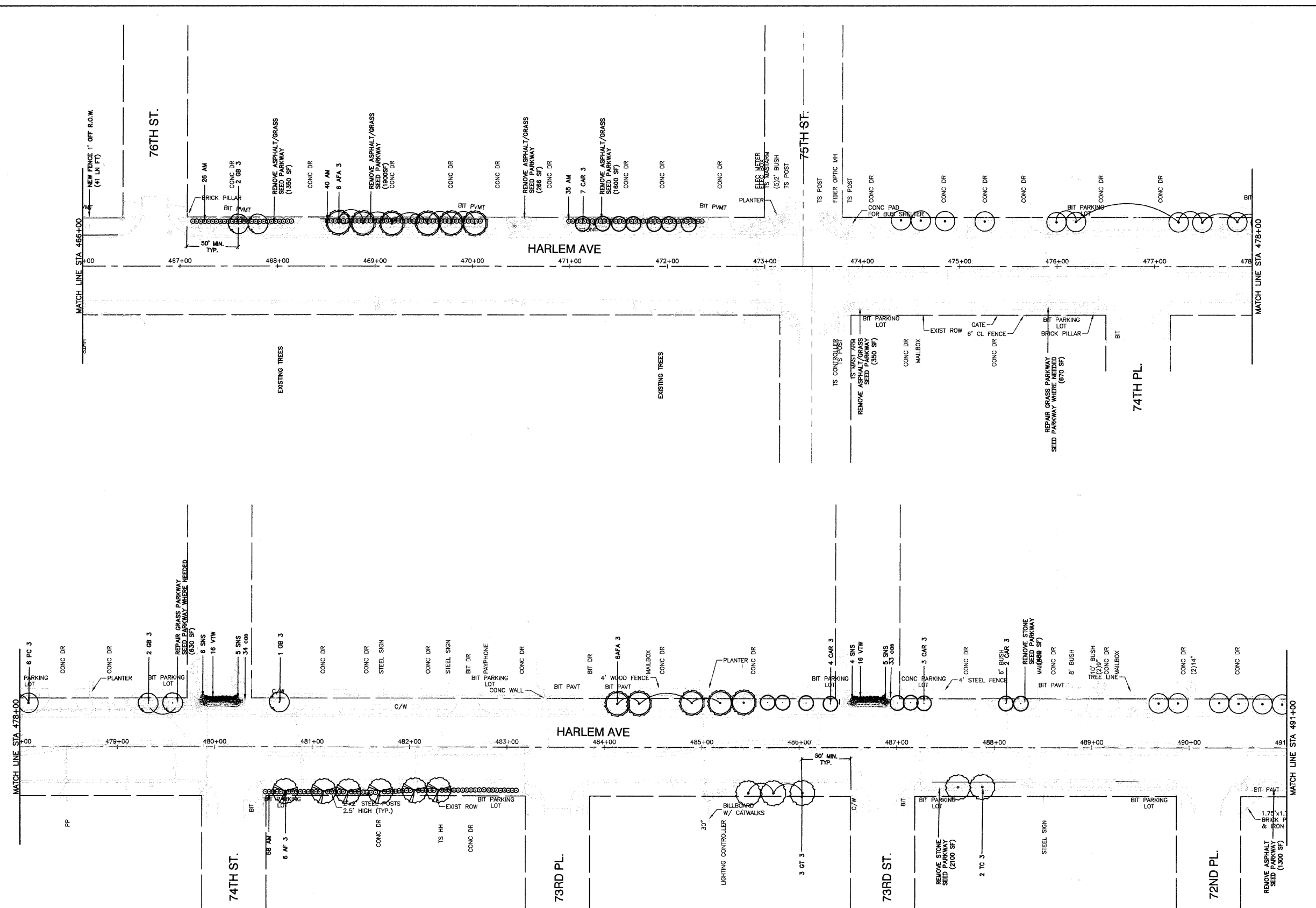
ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 466+00 TO STA. 491+00**

SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE 12-19-08  
 DRAWN BY LTL  
 CHECKED BY RJW/PKB

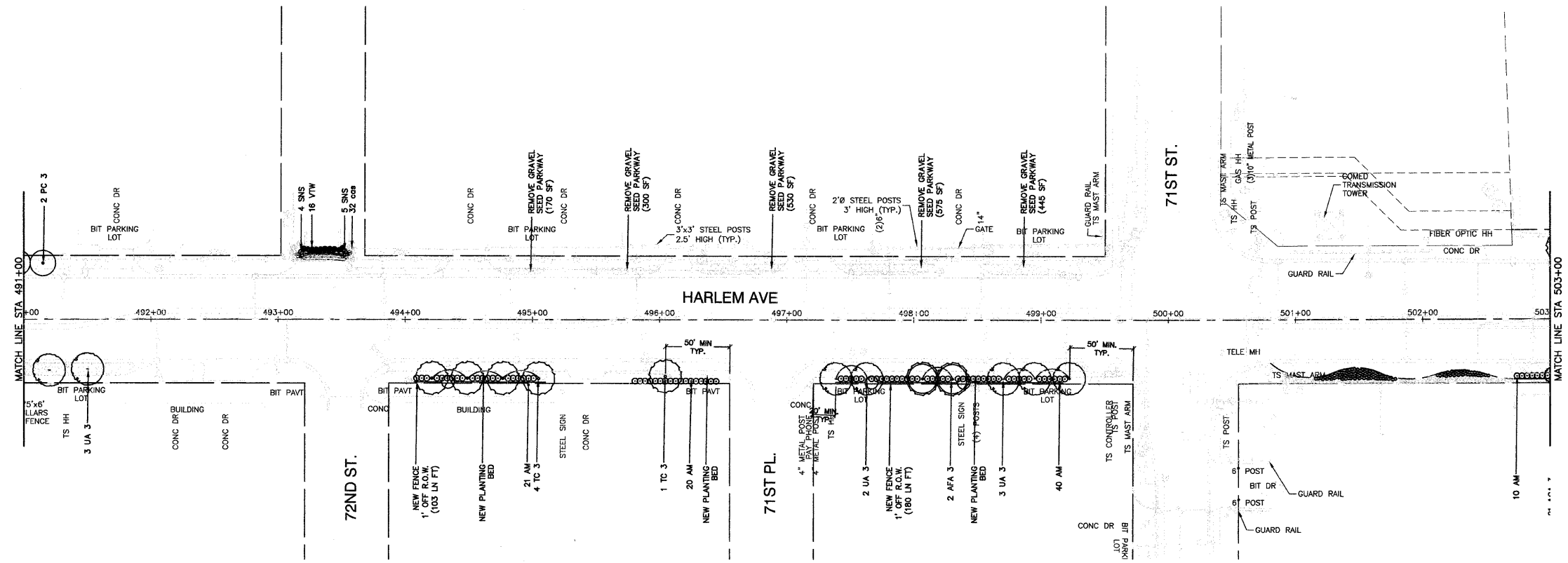
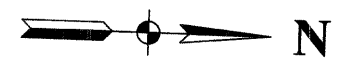
REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

**ROBINSON ENGINEERING, LTD.**  
 17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473  
 (708) 581-6700 FAX (708) 581-5828  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 18400128



F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 491+00 TO STA. 503+00**

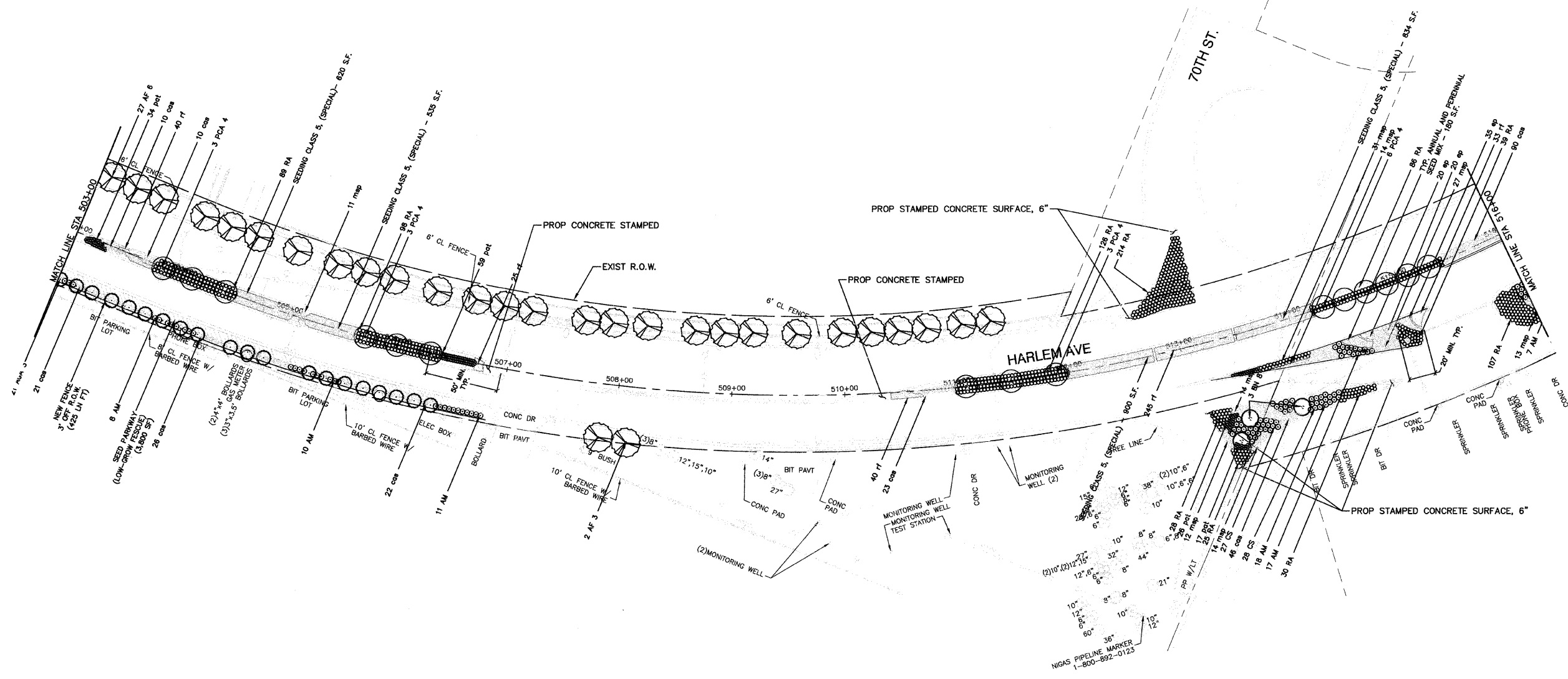
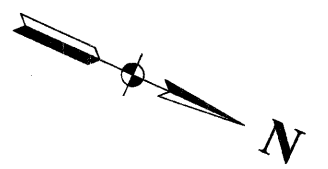
SCALE: VERT. NA  
 HORIZ. 1" = 50'

DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	07-00055-00-LS	COOK	41	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 503+00 TO STA. 516+00**

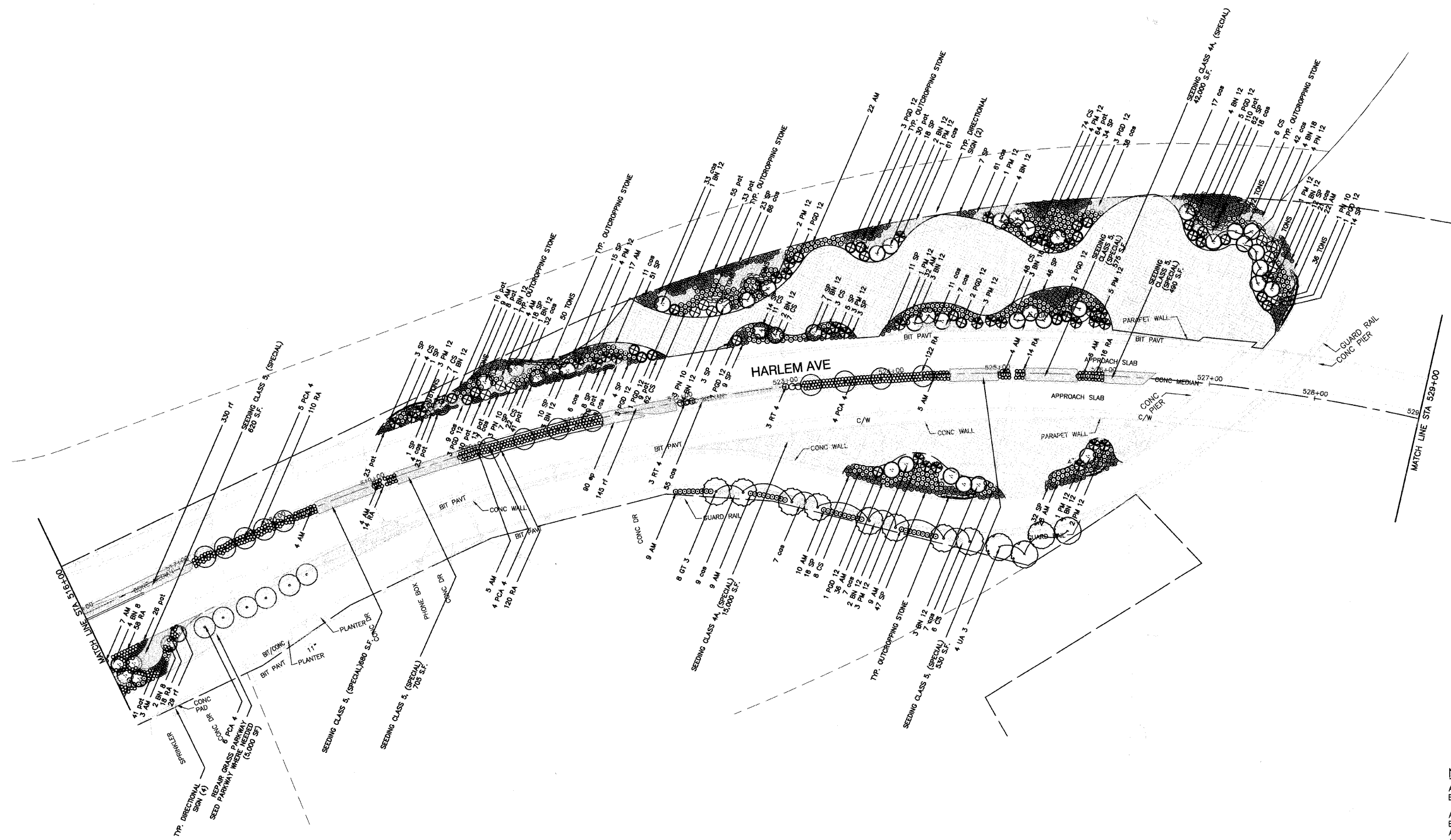
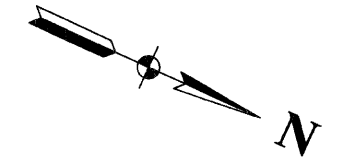
SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB



F. A. U. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
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REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

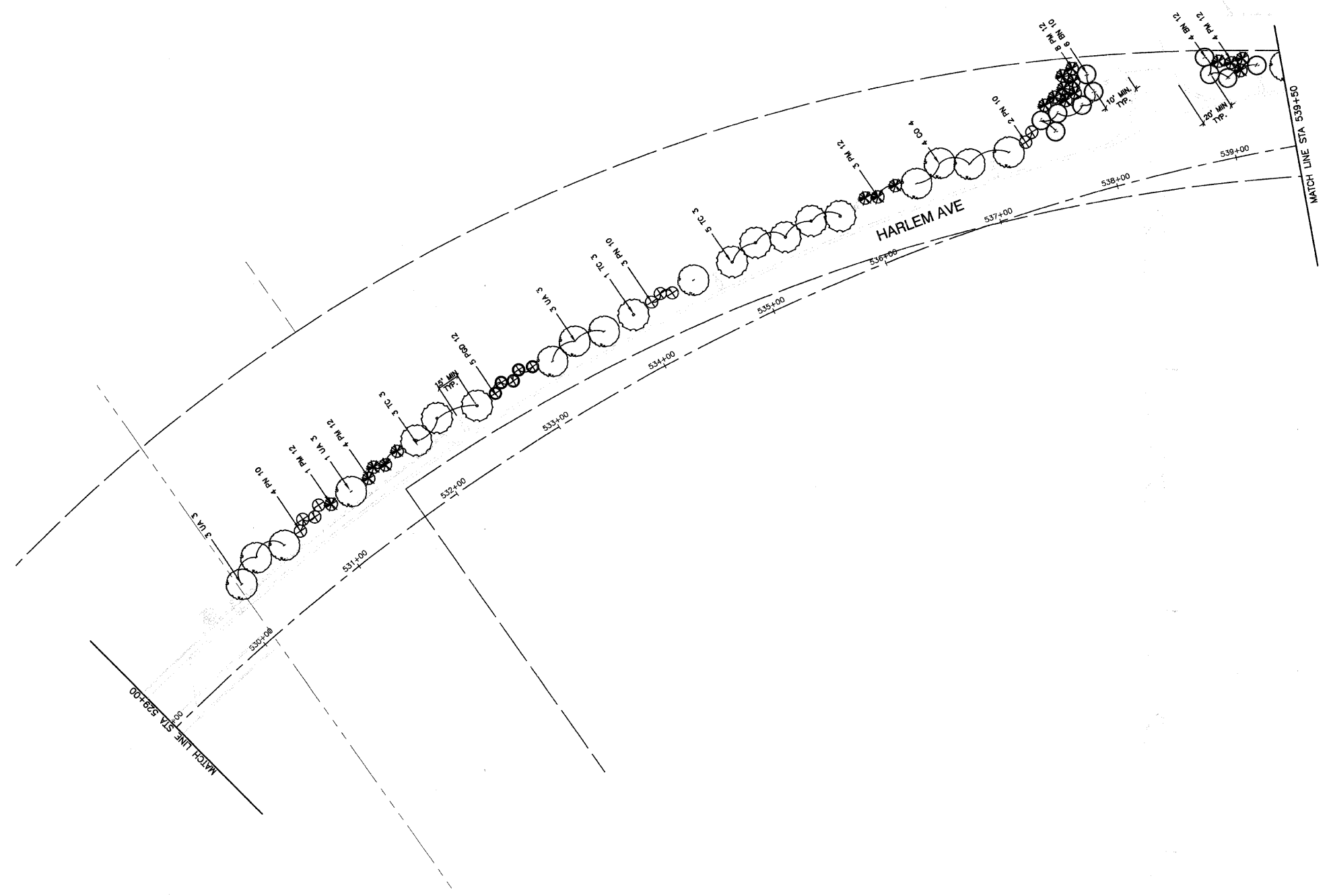
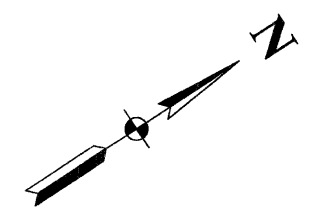
**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 516+00 TO STA. 529+00**

SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08

DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
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REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

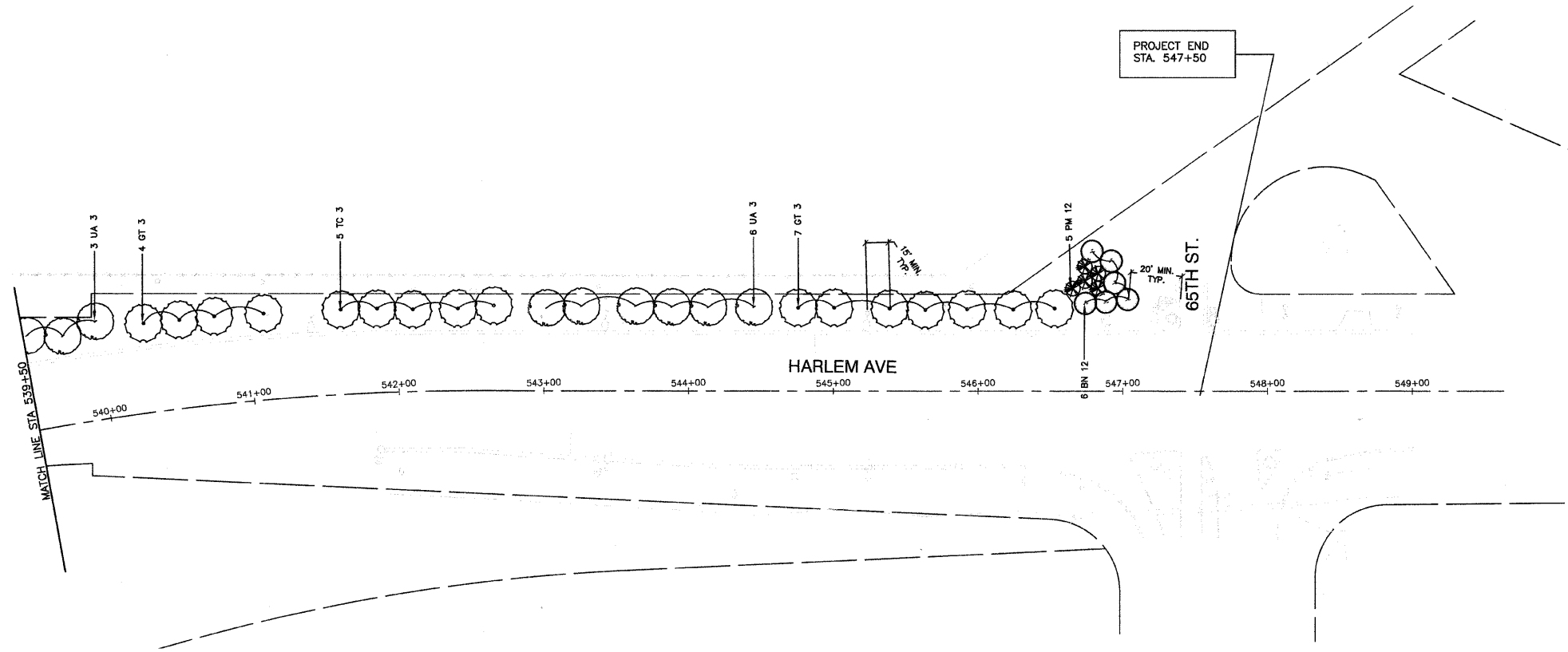
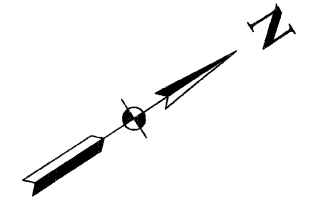
**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 529+00 TO STA. 539+50**

SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE 12-19-08

DRAWN BY LTL  
 CHECKED BY RJW/PKB

F. A. U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106



**LANDSCAPING LEGEND**

- TYP. PARKWAY TREE
- TYP. ORNAMENTAL TREE
- TYP. EVERGREEN TREE
- TYP. DECIDUOUS SHRUBS
- TYP. ORNAMENTAL GRASSES
- TYP. OUTCROPPING STONE
- TYP. ANNUAL AND PERENNIAL SEED MIX
- TYP. SEED PARKWAY
- TYP. SEED PARKWAY (LOW-GROW FESCUE)
- TYP. LOW-PROFILE PRAIRIE SEED MIX
- TYP. DECORATIVE 4'HT METAL FENCE AS NOTED ON PLAN
- TYP. IDENTITY MONUMENT PIERS
- TYP. CITY LIMITS SIGN

**NOTES:**  
 ALL TREES SHALL BE PLANTED AT A MINIMUM OF 6'-0" FROM BACK OF CURB, PER IDOT STANDARDS.  
 ALL PLANTINGS SHALL FOLLOW IDOT BUREAU OF DESIGN & ENVIRONMENT MANUAL - CHAPTER 59 - LANDSCAPE DESIGN AND EROSION CONTROL 59-7.09 PLANTING IN URBANIZED AREA FOR SIGHT DISTANCES.

REVISIONS	
NAME	DATE

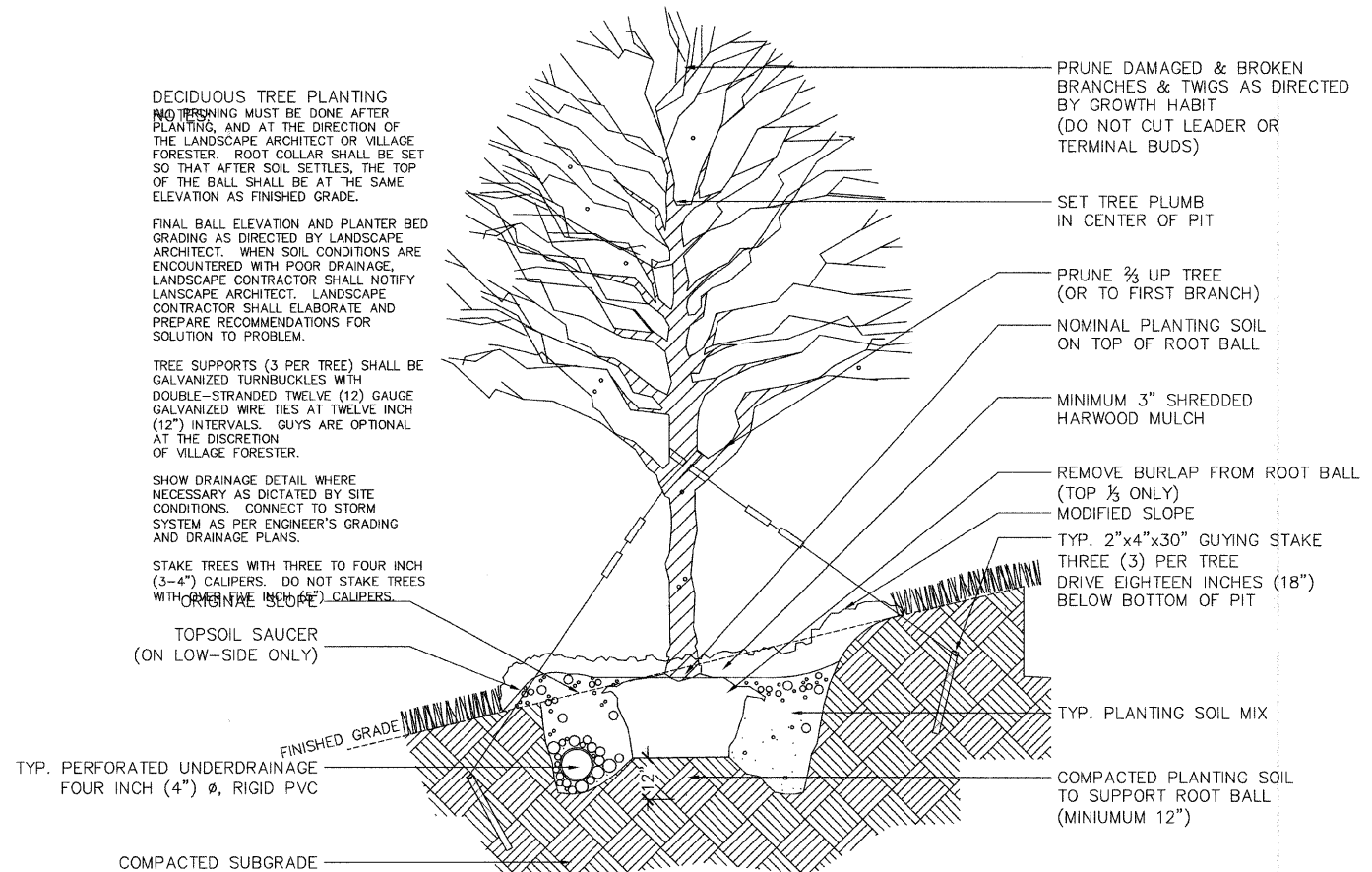
ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING PLAN  
 STA. 539+50 TO 65TH STREET**

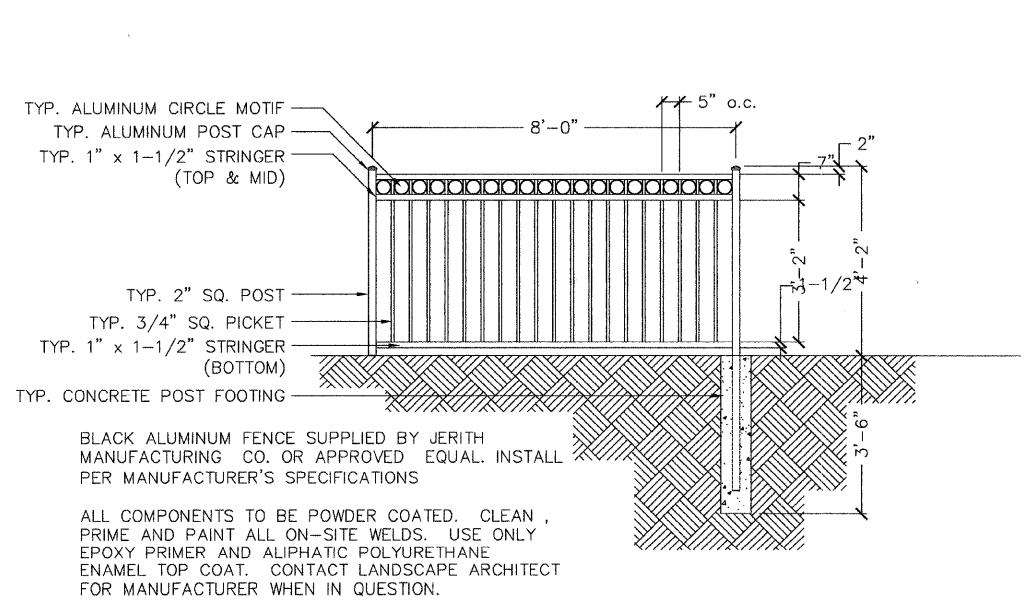
SCALE: VERT. NA  
 HORIZ. 1" = 50'  
 DATE: 12-19-08  
 DRAWN BY: LTL  
 CHECKED BY: RJW/PKB

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

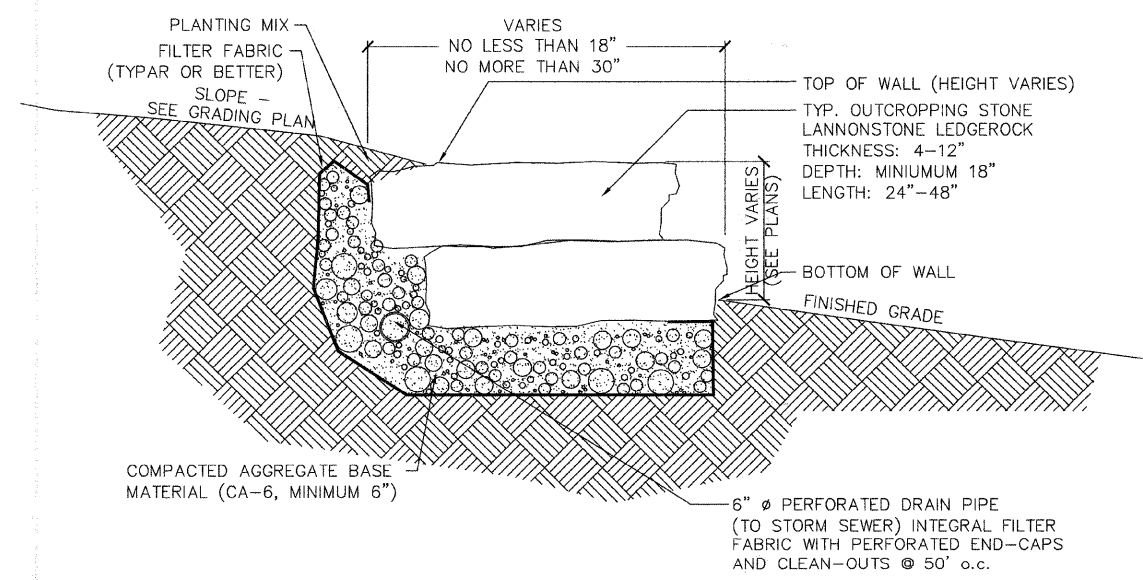
CONTRACT #63106



① Typical Deciduous Tree Planting Detail (Slope)  
Scale: NTS



② Typical 4' Ornamental Metal Fence Detail  
Scale: 1/2" = 1'-0"



\*NOTE:  
LANDSCAPE ARCHITECT TO FIELD VERIFY AND APPROVE LAYOUTS AND HEIGHTS OF ALL OUTCROPPING STONE AREAS SHOWN ON THE PLANS.

③ 4' Ornamental Metal Fence Detail  
Scale: NTS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

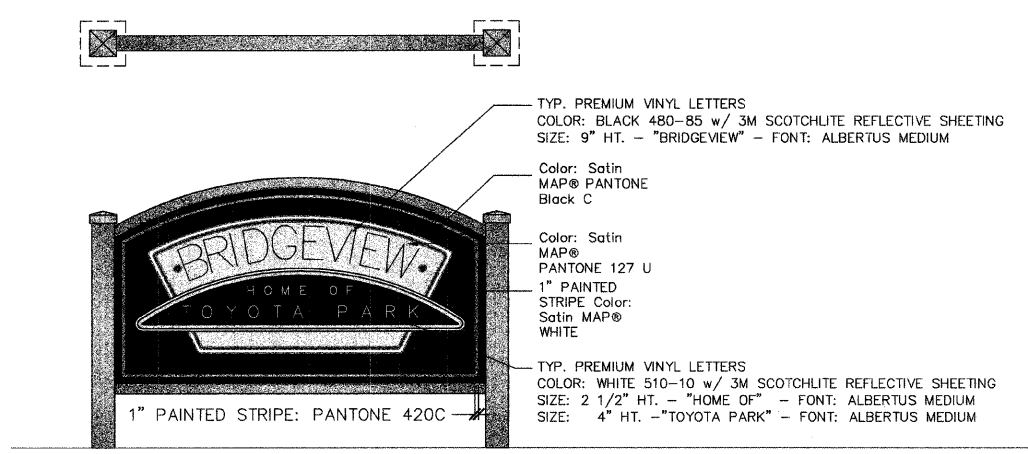
**FAP 348 (HARLEM AVENUE)  
LANDSCAPING DETAILS  
MISCELLANEOUS DETAILS**

SCALE: VERT. NA  
HORIZ. NA  
DATE 12-19-08

DRAWN BY MJD  
CHECKED BY RJW/PKB

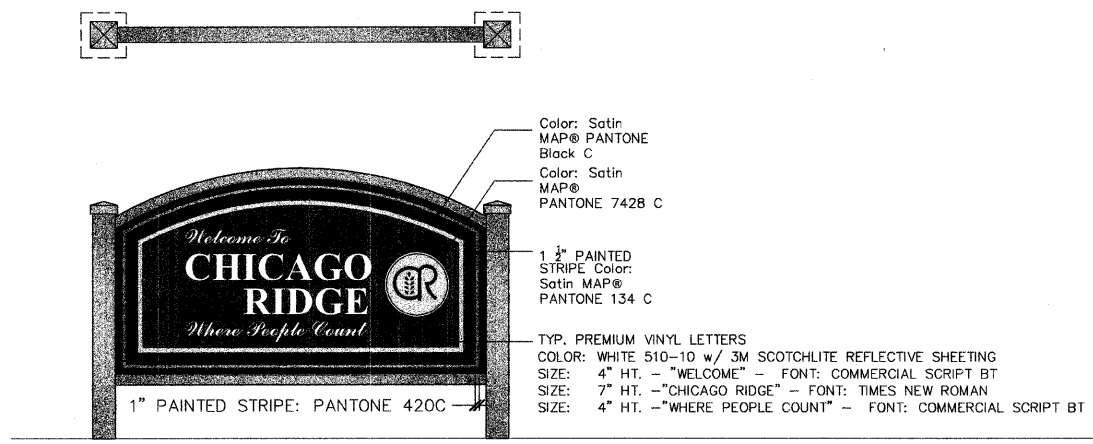
F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106



NOTE:  
 CONTRACTOR SHALL VERIFY ALL COLORS WITH MUNICIPALITY PRIOR TO FABRICATION

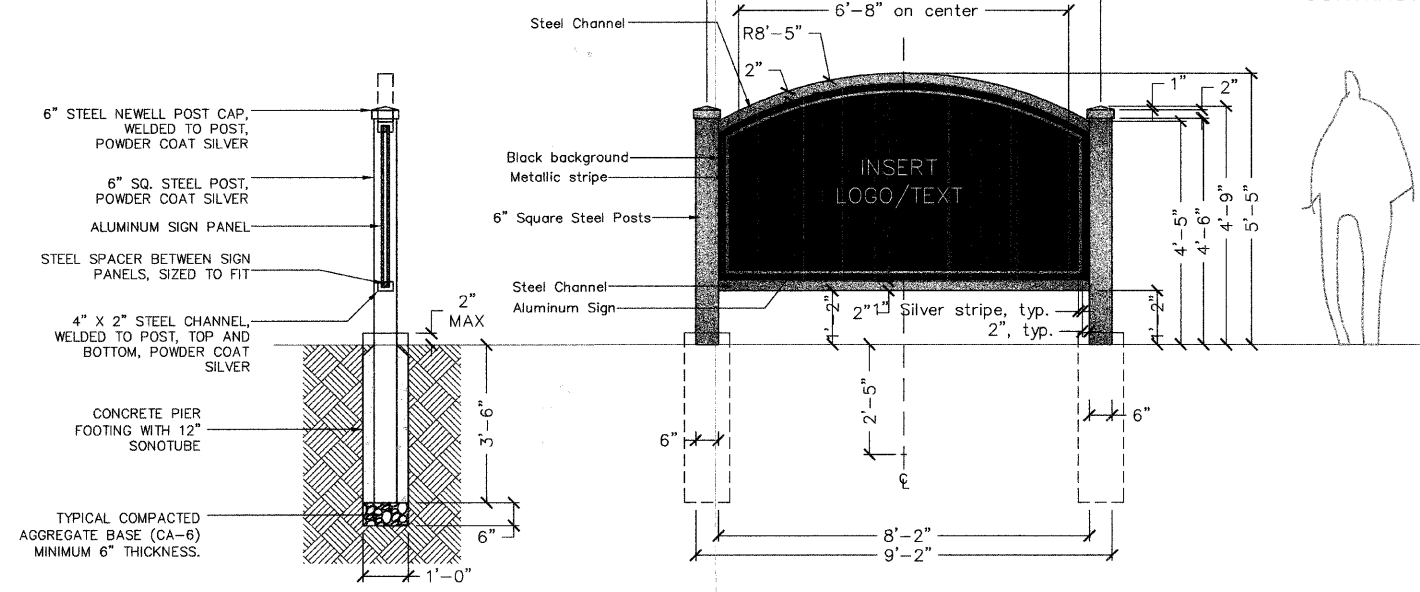
① Bridgeview Gateway Sign  
 Scale: 1/2"=1'



NOTE:  
 CONTRACTOR SHALL VERIFY ALL COLORS WITH MUNICIPALITY PRIOR TO FABRICATION

② Chicago Ridge Gateway Sign  
 Scale: 1/2"=1'

NOTE:  
 THE SIGNS, POSTS, AND HARDWARE SHALL MEET IDOT'S CURRENT BREAK-AWAY DESIGN



③ Typical Village Gateway Sign  
 Scale: 1/2"=1'

NOTES:

- REFER TO DIVISION 700 - IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IN PROJECT SPECIFICATION MANUAL, FOR IMPORTANT INFORMATION REGARDING REMOVAL OF EXISTING SIGNS, FURNISHING NEW SIGNS, SIGN FABRICATION, AND/OR SIGN PANEL INSTALLATION.
- CONTRACTOR MUST SEEK PERMISSION FROM VILLAGES AND PROJECT ENGINEER PRIOR TO REMOVING ANY REGULATORY STREET SIGNS. REFER TO SECTION 724, IN PROJECT SPECIFICATION MANUAL, FOR IMPORTANT SIGN REMOVAL INFORMATION.
- THE CONTRACTOR SHALL ASSUME ALL STRUCTURAL AND MANUFACTURING RESPONSIBILITY FOR DURABILITY AND INTEGRITY OF ALL SIGN ELEMENTS, INCLUDING WIND LOAD CALCULATIONS AND MOUNTING/CONNECTIONS. LANDSCAPE ARCHITECT NOT RESPONSIBLE FOR STRUCTURAL DURABILITY.
- THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL SPECIFICATIONS PRIOR TO COMMENCEMENT OF WORK. ANY QUESTIONS OR CONCERNS SHALL BE DIRECTED TO PROJECT ENGINEER, IN WRITING, PRIOR TO SIGN FABRICATION/INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FABRICATED COMPONENTS AND INSTALLATION OF THESE ELEMENTS.
- ALL GRAPHIC LAYOUT INCLUDING LOGOS, DIRECTIONAL LABELS/ARROWS, GATEWAY SIGNS, GRAPHIC LAYOUT FOR BANNERS, AND STREET NAMES FOR EACH SIGN SHALL BE SUBMITTED TO PROJECT ENGINEER AND COORDINATE WITH VILLAGE STAFF FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. NOTE THAT SIGN LOCATIONS ARE SHOWN IN EACH MUNICIPALITY AND CONTRACTOR WILL NEED TO COORDINATE WITH EACH MUNICIPALITY.
- STREET AND DIRECTIONAL SIGNS SHALL BE FABRICATED IN ACCORDANCE WITH THE LATEST REVISION OF THE FEDERAL HIGHWAY STANDARDS MANUAL AND THE M.U.T.C.D MANUAL PUBLICATION.

REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 348 (HARLEM AVENUE)  
 LANDSCAPING DETAILS  
 CONCEPTUAL SIGN

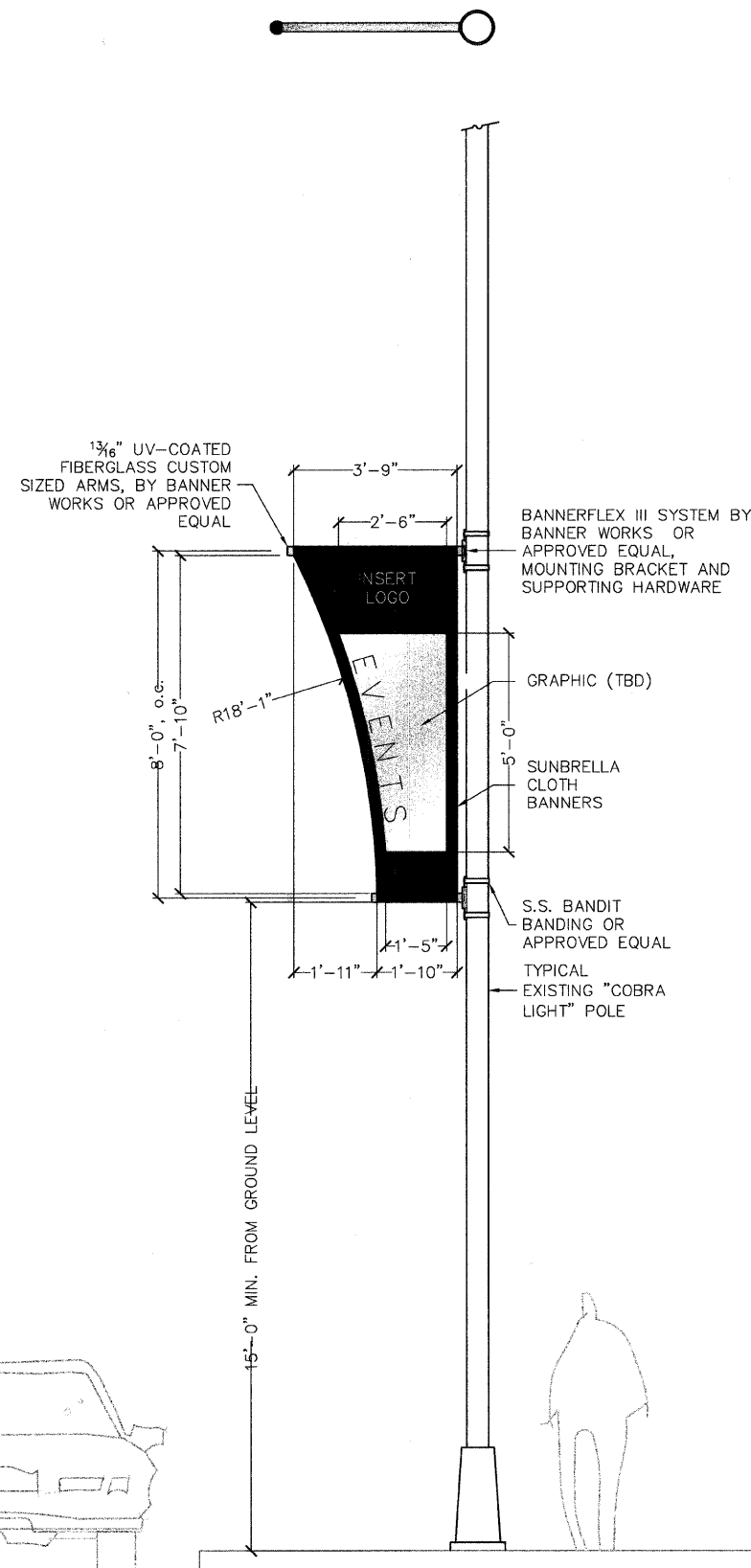
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 HORIZ. NA  
 DATE 12-19-08

DRAWN BY MJD  
 CHECKED BY RJW/PKB

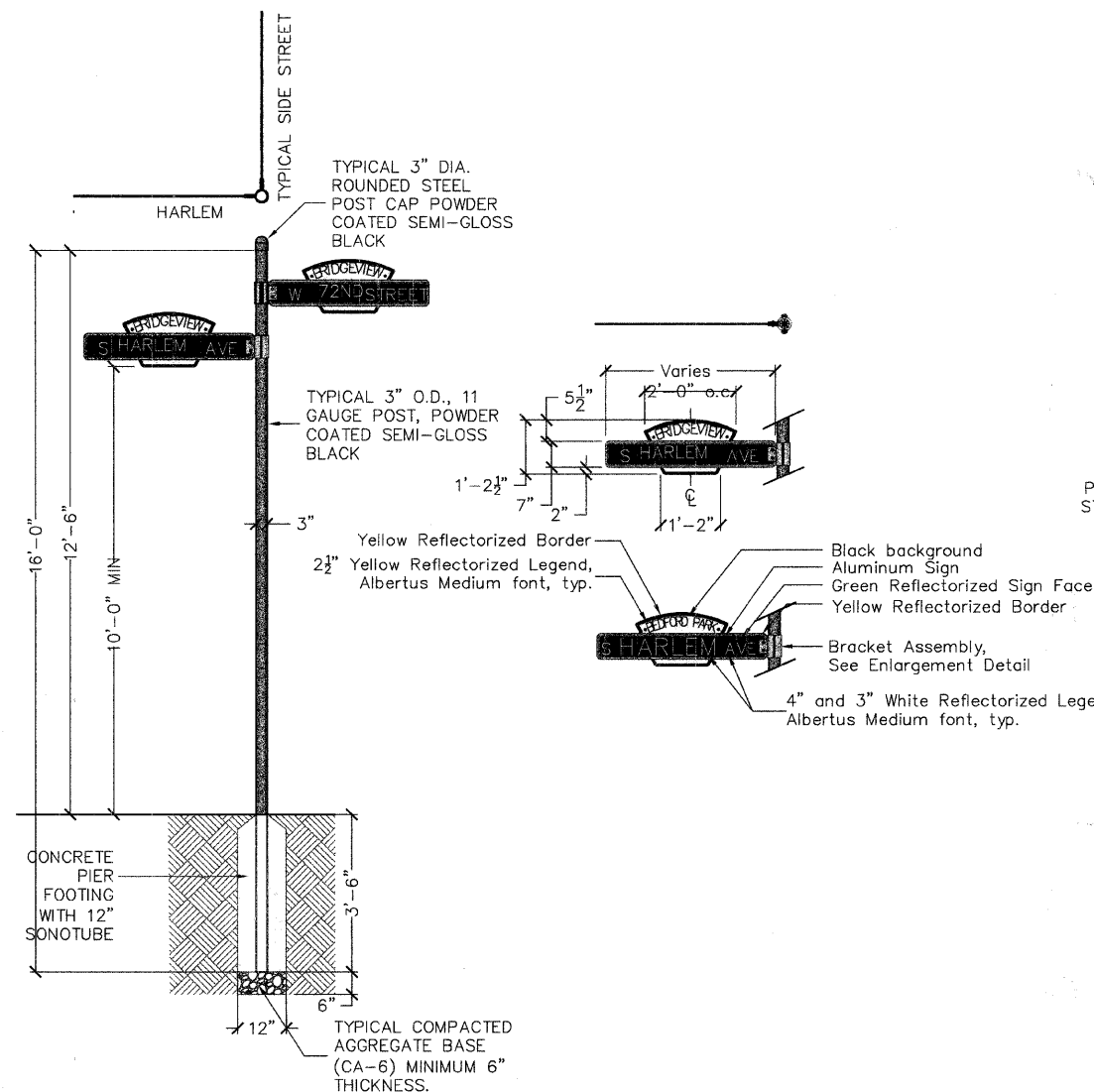
ROBINSON ENGINEERING, LTD.  
 1700 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60473 0441-OTLS-CONCEPT\_SIGN.P11  
 (708) 391-4700 FAX (708) 331-5820  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 18007125

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

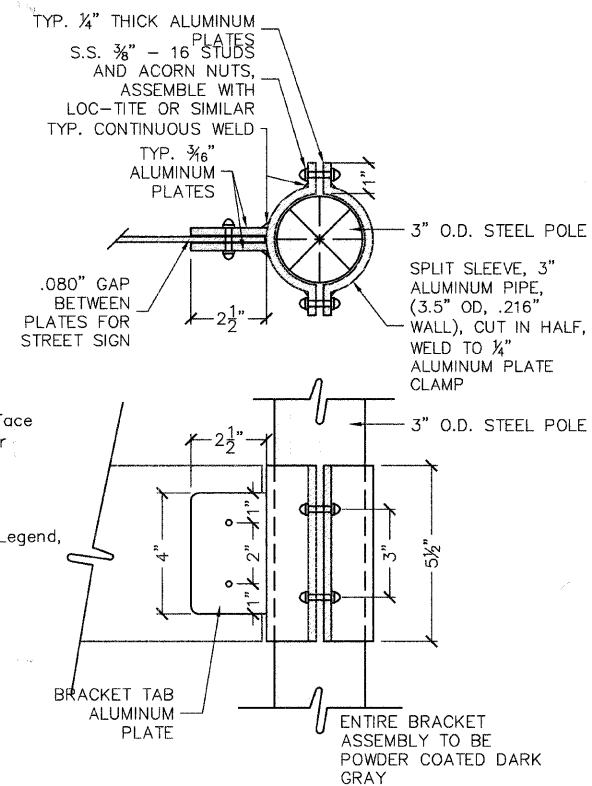
CONTRACT #63106



① Typical Village Banner  
Scale: 1/2"=1'-0"



② Typical Village Street Sign  
Scale: 1/2"=1'-0"



BRACKET/ATTACHMENT DETAIL  
Scale: 1/4"=1'-0"

NOTES:

- REFER TO DIVISION 700 - IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IN PROJECT SPECIFICATION MANUAL, FOR IMPORTANT INFORMATION REGARDING REMOVAL OF EXISTING SIGNS, FURNISHING NEW SIGNS, SIGN FABRICATION, AND/OR SIGN PANEL INSTALLATION.
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REVISIONS	
NAME	DATE
IDOT COMMENTS	02-13-09
IDOT COMMENTS	02-23-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
LANDSCAPING DETAILS  
CONCEPTUAL SIGN**

SCALE: VERT. NA  
HORIZ. NA  
DATE 12-19-08

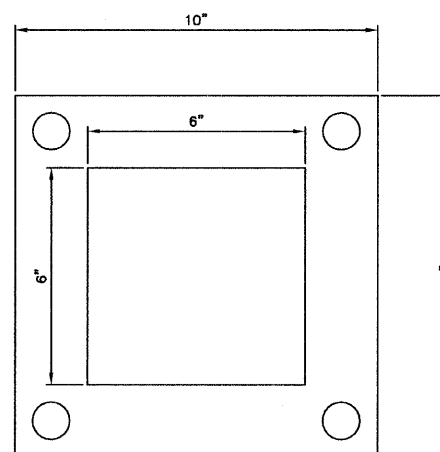
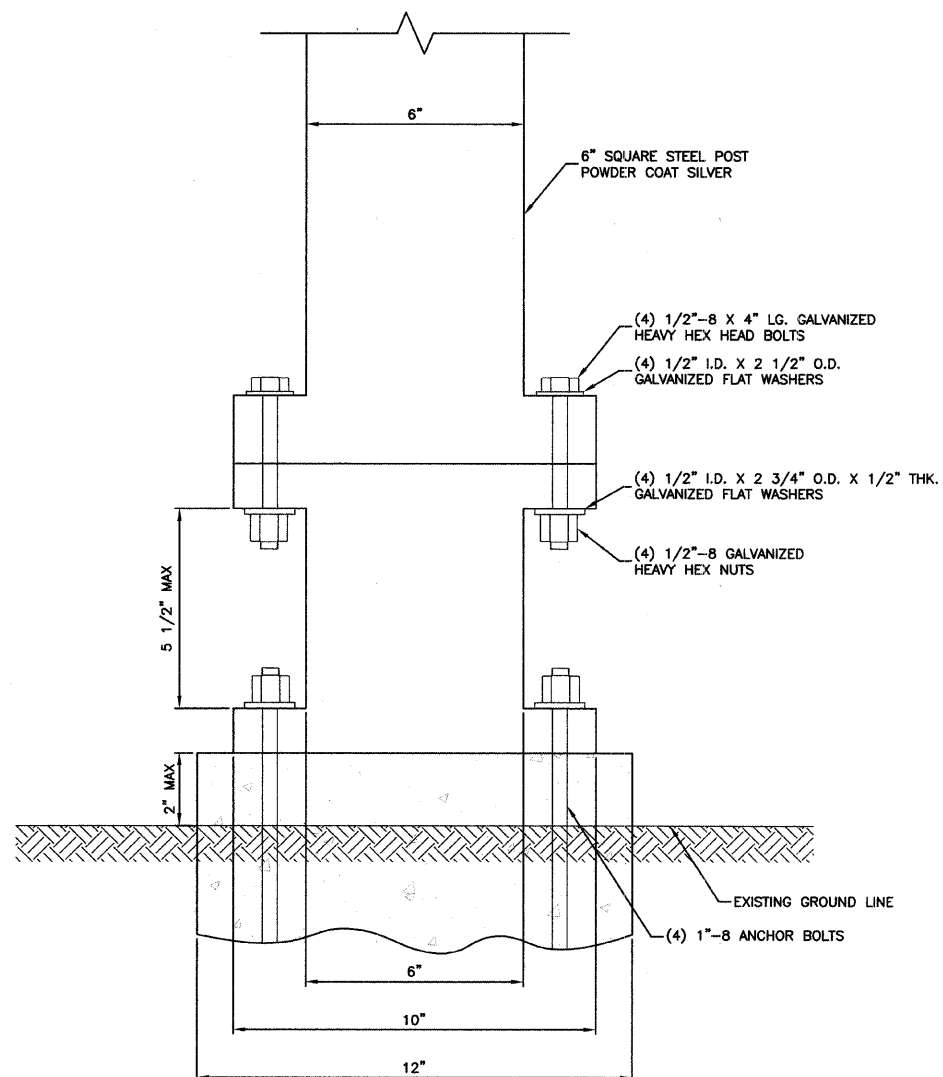
DRAWN BY MJD  
CHECKED BY RJW/PKB

ROBINSON ENGINEERING, LTD.  
17000 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60470  
(708) 331-6700 FAX (708) 331-3825  
ILLINOIS DESIGN FIRM REGISTRATION NO. 194001128

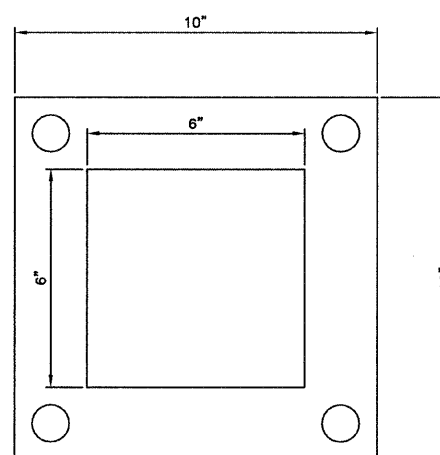
F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106

**IMPORTANT NOTE:**  
SIGN POST TO BE LEVELED AS ONE UNIT  
USING LEVELING SHIMS IF REQUIRED.



TOP VIEW



BOTTOM VIEW

**NOTE:**  
BREAK-AWAY MUST BE IDOT APPROVED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
SIGN DETAILS**

SCALE: VERT. NA  
HORIZ. NA  
DATE 12-19-08

DRAWN BY LTL  
CHECKED BY RJW/PKB

F.A.L. MILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	40
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106

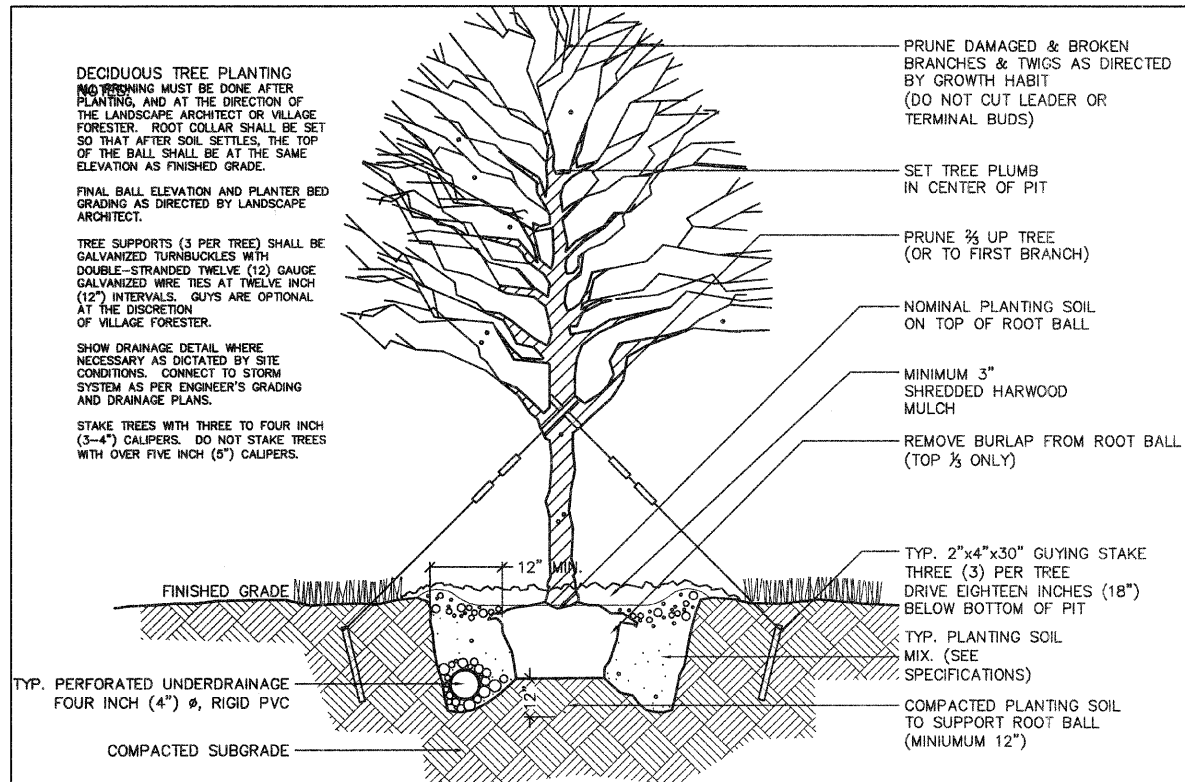
**DECIDUOUS TREE PLANTING**  
 NO PRUNING MUST BE DONE AFTER PLANTING, AND AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR VILLAGE FORESTER. ROOT COLLAR SHALL BE SET SO THAT AFTER SOIL SETTLES, THE TOP OF THE BALL SHALL BE AT THE SAME ELEVATION AS FINISHED GRADE.

FINAL BALL ELEVATION AND PLANTER BED GRADING AS DIRECTED BY LANDSCAPE ARCHITECT.

TREE SUPPORTS (3 PER TREE) SHALL BE GALVANIZED TURNBUCKLES WITH DOUBLE-STRANDED TWELVE (12) GAUGE GALVANIZED WIRE TIES AT TWELVE (12") INTERVALS. GUYS ARE OPTIONAL AT THE DISCRETION OF VILLAGE FORESTER.

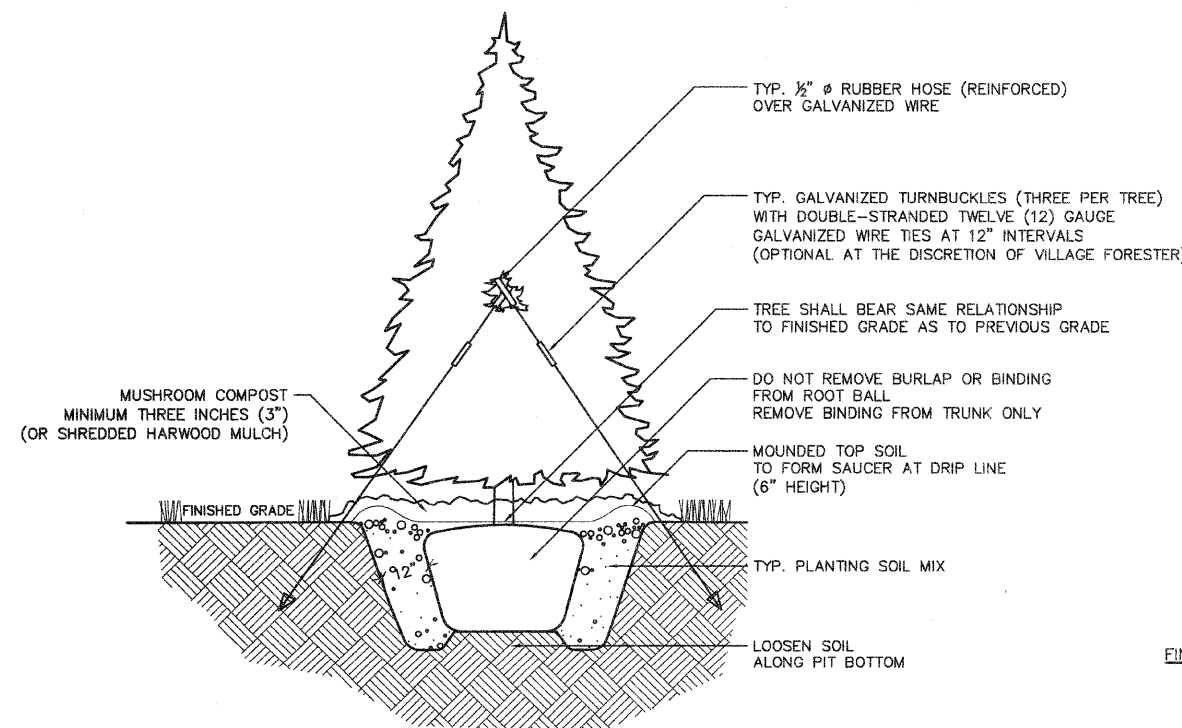
SHOW DRAINAGE DETAIL WHERE NECESSARY AS DICTATED BY SITE CONDITIONS. CONNECT TO STORM SYSTEM AS PER ENGINEER'S GRADING AND DRAINAGE PLANS.

STAKE TREES WITH THREE TO FOUR INCH (3-4") CALIPERS. DO NOT STAKE TREES WITH OVER FIVE INCH (5") CALIPERS.

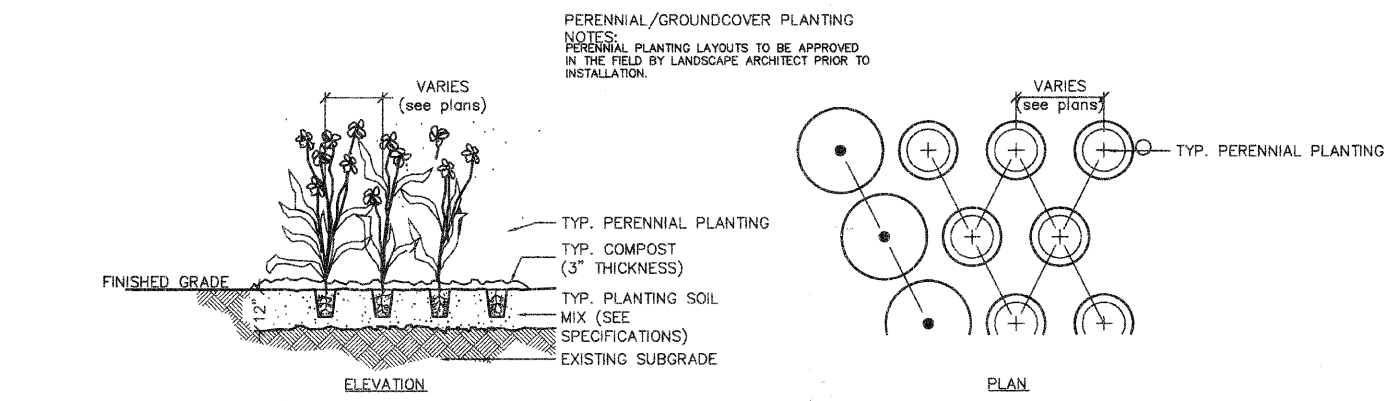


① Typical Deciduous Tree Planting Detail  
 Scale: NTS

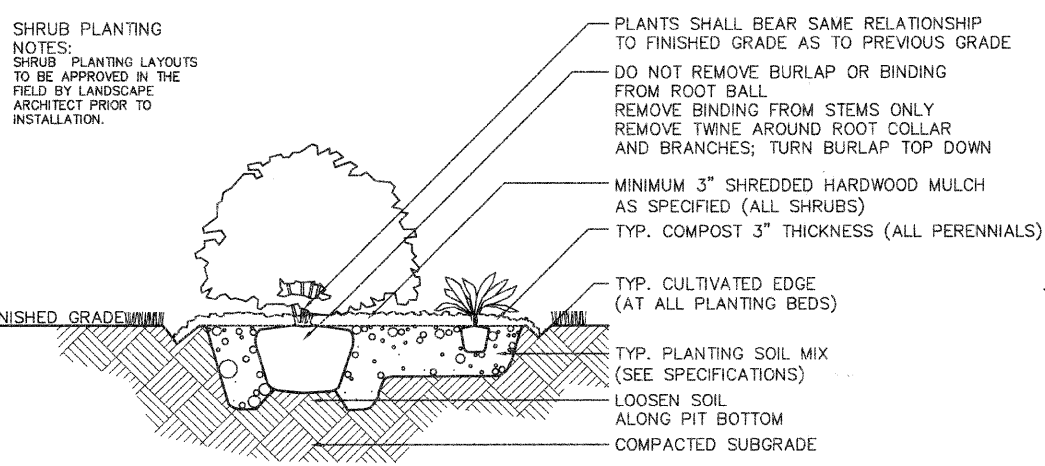
② Typical Evergreen Tree Planting Detail  
 Scale: NTS



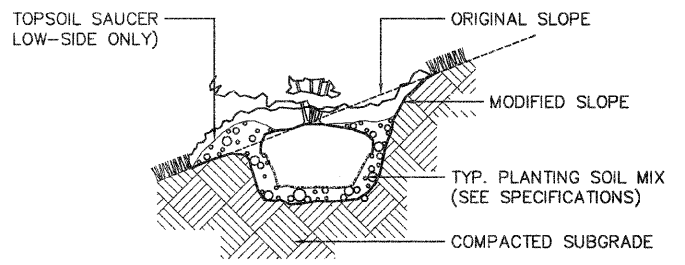
④ Typical Groundcover & Perennial Planting Detail  
 Scale: NTS



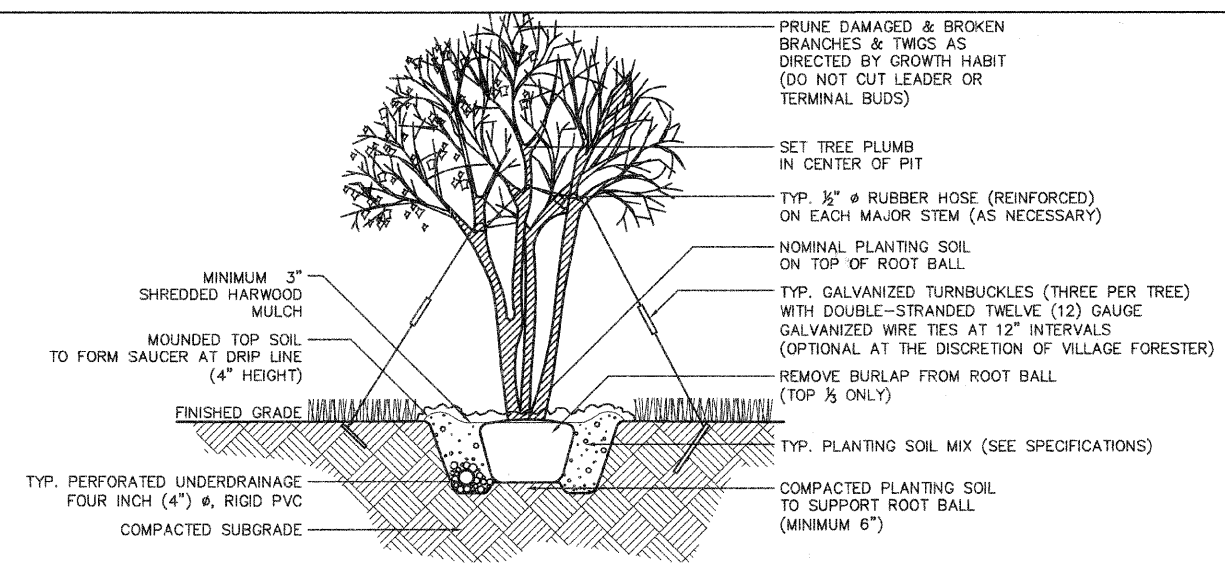
⑤ Typical Shrub Planting Detail  
 Scale: NTS



⑥ Typical Shrub Planting Detail (Slope)  
 Scale: NTS



③ Typical Ornamental Tree Planting Detail  
 Scale: NTS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
 LANDSCAPING DETAILS  
 PLANTING DETAILS**

SCALE: VERT. NA  
 HORIZ. NA  
 DATE 12-19-08

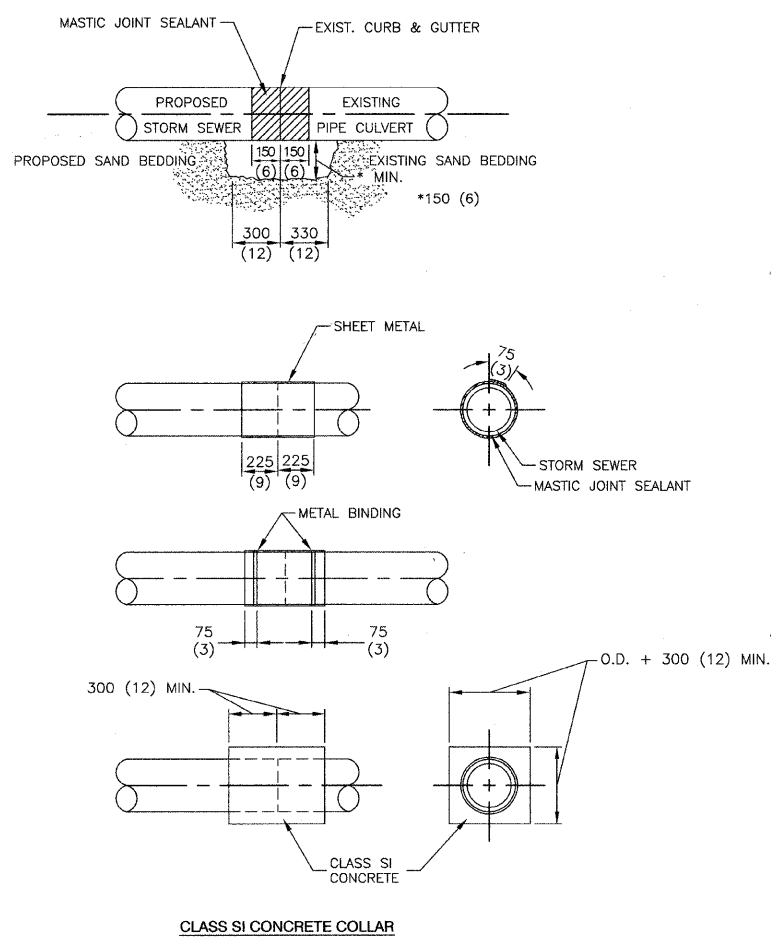
DRAWN BY MJD  
 CHECKED BY RJW/PKB

ROBINSON ENGINEERING, LTD.  
 1700 SOUTH PARK AVENUE, SOUTH HOLLAND, ILLINOIS 60470  
 (708) 531-6700 FAX (708) 531-3628  
 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128 07/41-OTLS/PLANTING-OTLS.P01



F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-00-LS	COOK	41	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT #63106

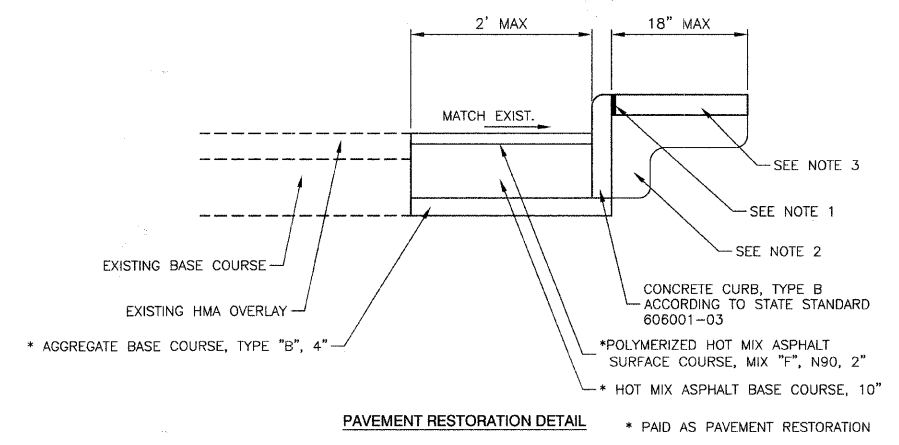
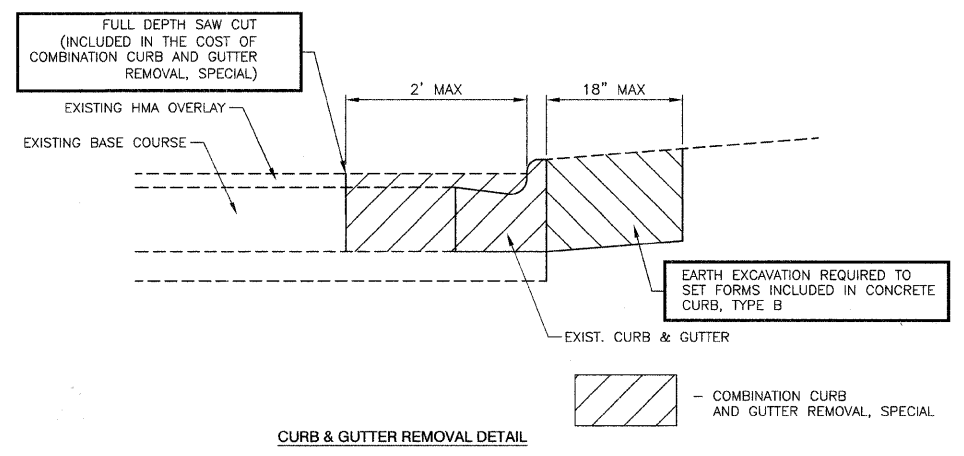


- CONSTRUCTION SEQUENCE**
- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
  - APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
  - BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 X 150 (12 X 6) DEEP EXCAVATING UNDER AND AROUND EACH PIPE END.
  - CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.048) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 75 (3) LONG.
  - WRAP THE SHEET METAL AROUND THE PIPES. 225 (9) ON EACH SIDE OF THE JOINT. STARTING AT THE TOP OF THE PIPE.
  - LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
  - PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
  - WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
  - PLACE CLASS SI CONCRETE AROUND THE JOINT.

**GENERAL NOTES:**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNDISTURBED UPON COMPLETION OF THE CONTRACT.

CARE MUST TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.



- NOTES:**
- PROPOSED 3/4" PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS (INCLUDED IN THE COST OF CONCRETE CURB, TYPE B).
  - SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CONCRETE CURB, TYPE B).
  - SIDEWALK, DRIVEWAY PAVEMENT SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPERATLY.

SALT TOLERANT SOD AND TOP SOIL, 4" RESTORATION WILL NOT BE PAID FOR SEPERATLY, BUT SHALL BE INCLUDED IN CONCRETE CURB, TYPE B.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FAP 348 (HARLEM AVENUE)  
CONSTRUCTION DETAILS**

SCALE: VERT. NA  
HORIZ. NA  
DATE: 12-19-08

DRAWN BY: LTL  
CHECKED BY: RJW/PKB

**ROBINSON ENGINEERING, LTD.**  
17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473  
(708) 381-6700 FAX (708) 381-8808  
ILLINOIS DESIGN FIRM REGISTRATION NO. 184002158