

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2406	09-00114-00-FP	COOK	33	1
ILLINOIS PROJECT		ARA-M-9003(516)		
CONTRACT NO. 63455				

FOR INDEX OF SHEETS SEE SHEET NO. 2

TRAFFIC DATA

2030 ADT = 8,000
 POSTED SPEED LIMIT: 20 MPH
 DESIGN SPEED LIMIT: 30 MPH
 URBAN COLLECTOR STREET

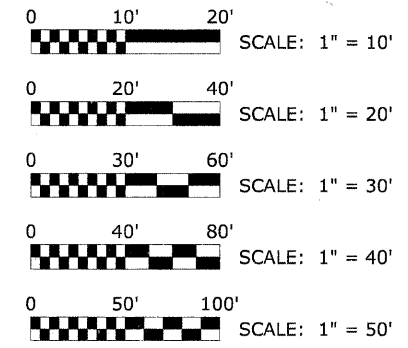
PROJECT LOCATED IN THE VILLAGE OF MELROSE PARK

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY
 FAU ROUTE 2406 (BROADWAY AVENUE)
 LAKE STREET TO DIVISION STREET
 RECONSTRUCTION
 SECTION NO. 09-00114-00-FP
 PROJECT ARA-M-9003(516)
 VILLAGE OF MELROSE PARK
 COOK COUNTY
 JOB NO. C-91-144-10**

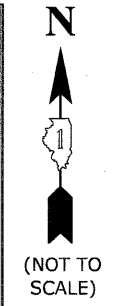
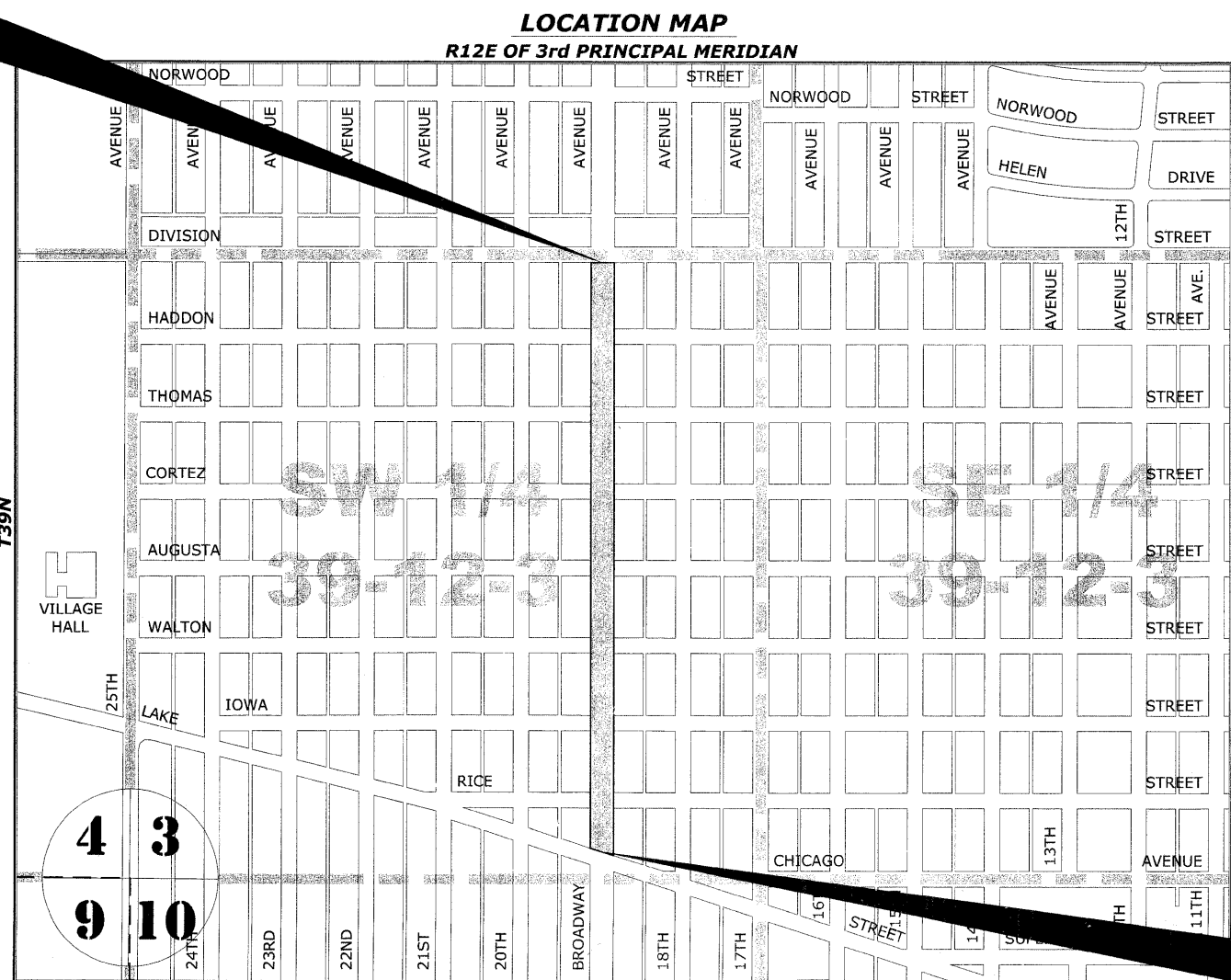
**PROJECT ENDS
 STATION 26+29
 BROADWAY AVENUE
 (19th AVENUE)**



LOCATION OF SECTION INDICATED THUS:



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.



PROVISO TOWNSHIP
 - AREA OF IMPROVEMENT
 GROSS AND NET LENGTH OF PROJECT = 2,527 FT = 0.479 MI

**PROJECT BEGINS
 STATION 1+02
 BROADWAY AVENUE
 (19th AVENUE)**



**Know what's below.
 Call before you dig.**

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION (J.U.L.I.E.)
 CALL TOLL FREE 1-800-892-0123 OR 811.

CONTRACT NO. 63455

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED: *[Signature]* 20 10
 MARCH 30 1

VILLAGE OF MELROSE PARK, PRESIDENT

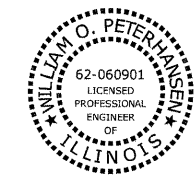
PASSED: *[Signature]* 20 10
 APRIL 07

DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW: *[Signature]* 20 10
 APRIL 8,

DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

(PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS)



SIGNED: *[Signature]*
 DATE: 03-30-10 LICENSE EXPIRES :11-30-11

E.H.E. NO. 600-09-00101

Drawing file: W:\Projects\6009001 - Broadway Ave Reconstruction\CD\811.dwg
 Mar 24, 2010 - 1:23pm
 FIELD ENGINEER: MARLIN SOLOMON PHONE: (847)705-4407
 CONSULTANT: EDWIN HANCOCK ENGINEERING COMPANY
 9933 ROOSEVELT ROAD PHONE: (708)865-0300
 WESTCHESTER, ILLINOIS 60154

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, LOCATION MAP
2	INDEX OF SHEETS, LEGEND OF SYMBOLS, BENCHMARKS, AND I.D.O.T. STANDARD DRAWINGS
3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6	TYPICAL CROSS SECTIONS
7 - 8	MAINTENANCE OF TRAFFIC PLAN, DETOUR FOR THROUGH TRAFFIC SIGNING PLAN
9 - 10	LOCAL ACCESS SIGNING PLAN
11 - 14	BROADWAY AVENUE (19th AVENUE) PAVING PLAN AND PROFILE
15	ROADWAY DETAILS
16 - 19	BROADWAY AVENUE (19th AVENUE) DRAINAGE AND UTILITIES PLAN AND PROFILE
20 - 21	DRAINAGE AND UTILITIES DETAILS
22 - 23	PAVEMENT MARKING AND SIGNING PLAN
24 - 25	EROSION CONTROL AND ASPHALT PLAN
26	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
27	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
28	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
29	BUTT JOINTS AND BITUMINOUS TAPER DETAILS (BD-32)
30 - 33	STATION CROSS SECTIONS

I.D.O.T. STANDARD DRAWINGS

STANDARD NO.	TITLE OR DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
701501-05	URBAN LANE CLOSURE, 2 L, 2 W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1 W OR 2 W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES

LEGEND OF SYMBOLS

(TO BE USED IN CONJUNCTION WITH I.D.O.T. STANDARD 000001-05)

SYMBOL	DESCRIPTION
	EXISTING POWER POLE
	EXISTING GAS VALVE
	EXISTING STREET LIGHT
	EXISTING WATER MAIN BUFFALO BOX
	EXISTING FIRE HYDRANT
	EXISTING WATER MAIN VALVE VAULT
	EXISTING MANHOLE
	EXISTING INLET
	EXISTING CATCH BASIN
	EXISTING TREE
	EXISTING HOT-MIX ASPHALT AREA
	EXISTING CONCRETE AREA
	EXISTING GRASS AREA
	EXISTING STONE OR GRAVEL AREA
	EXISTING STORM SEWER
	EXISTING COMBINATION SEWER
	EXISTING SANITARY SEWER
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING TELEPHONE LINE
	EXISTING WATER MAIN
	EXISTING CURB AND GUTTER
	EXISTING RIGHT OF WAY
	EXISTING STRUCTURE TO BE REMOVED
	EXISTING CURB AND GUTTER TO BE REMOVED
	EXISTING HOT-MIX ASPHALT SURFACE TO BE REMOVED
	EXISTING HOT-MIX ASPHALT AREA TO BE REMOVED
	EXISTING CONCRETE AREA TO BE REMOVED
	PROPOSED STORM SEWER
	PROPOSED MANHOLE
	PROPOSED INLET
	PROPOSED CATCH BASIN
	FRAMES AND LIDS TO ADJUSTED (SPECIAL)
	TYPE 1 FRAME & CLOSED LID
	TYPE 1 FRAME & OPEN LID
	PROPOSED DIRECTION OF FLOW
	PROPOSED SUMMIT
	PROPOSED HOT-MIX ASPHALT AREA
	PROPOSED CONCRETE AREA
	PROPOSED GRASS AREA
	PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
	EXISTING WATERMAIN RIM ELEVATION
	EXISTING WATERMAIN TOP OF PIPE ELEVATION
	EXISTING SANITARY RIM ELEVATION
	EXISTING SANITARY INVERT ELEVATION
	EXISTING STORM RIM ELEVATION
	EXISTING STORM INVERT ELEVATION
	PROPOSED STORM RIM ELEVATION
	PROPOSED STORM INVERT ELEVATION

BENCHMARKS

(NAVD 1988)

BENCHMARK ID	DESCRIPTION	ELEVATION
BM-280	NORTHWEST BONNET BOLT ON FIRE HYDRANT AT IOWA ST. AND BROADWAY AVE.	636.67
BM-279	NORTH-NORTHWEST BONNET BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF IOWA ST. AND 18TH AVENUE.	635.62
TBM-1	NORTH-NORTHWEST BONNET BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF WALTON AVE. AND BROADWAY AVENUE.	639.29
TBM-2	NORTH-NORTHWEST BONNET BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF AUGUSTA AVE. AND BROADWAY AVENUE.	638.48
BM-265	NORTHWEST FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF CORTEZ AVENUE AND BROADWAY AVENUE	636.24
TBM-3	NORTHWEST FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF THOMAS AVENUE AND BROADWAY AVENUE	635.29
TBM-4	NORTH-NORTHWEST BONNET BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF HADDON AVENUE AND BROADWAY AVENUE	635.86
BM-96	NORTHWEST FLANGE BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF DIVISION AVENUE AND BROADWAY AVENUE	633.40
TBM-5	NORTH-NORTHWEST BONNET BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF RICE AVENUE AND BROADWAY AVENUE	636.40

Drawing File: W:\Projects\50009001 - Broadway Ave Reconstruction\DETAILS.dwg Mar 29, 2010 - 11:08am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
DRAWN - MK/LEV/DMM	CHECKED - WOP	REVISED -
PLOT SCALE -	DATE - 3-29-10	REVISED -
PLOT DATE -		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LEGEND OF SYMBOLS, BENCHMARKS, AND I.D.O.T. STANDARD DRAWINGS

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

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 2
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

E.H.E. PROJECT NO. 600-09-00101

ACCESS

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN INGRESS AND EGRESS FOR EMERGENCY VEHICLES INGRESS AND EGRESS ONTO PRIVATE & COMMERCIAL PROPERTY DURING THE CONSTRUCTION PERIOD. DURING CONSTRUCTION, GARBAGE TRUCKS MUST BE PERMITTED ACCESS TO THE WORK ZONE IN ORDER TO PICK UP RESIDENTIAL AND COMMERCIAL GARBAGE FOR THOSE PROPERTIES FRONTING THE WORK ZONE. IF GARBAGE TRUCK ACCESS IS NOT PROVIDED, THE CONTRACTOR WILL BE REQUIRED TO MOVE TRASH CONTAINERS TO AN ACCESSIBLE LOCATION.

STANDARDS

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT AS SHOWN ON THE INDEX OF SHEETS IN THE PLANS.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THE DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF MELROSE PARK, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

ADJUSTMENTS REQUIRED BY UTILITY COMPANIES WILL BE PERFORMED BY THE COMPANY INVOLVED OR ITS CONTRACTOR.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE.

THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE REMOVAL OF ABANDONED EXISTING GAS LINES SINCE RESIDUAL MATERIALS CONTAINED THEREIN ARE HIGHLY EXPLOSIVE, FLAMMABLE, AND TOXIC. ONCE THE MAINS ARE ABANDONED BY THE OWNER, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE AND/OR INJURY OCCURRING ON THE PROJECT DUE TO HIS OPERATIONS NEXT TO THE MAINS AND/OR THE METHOD OF REMOVAL OF THE ABANDONED MAINS. UNDER NO CIRCUMSTANCE SHALL THE UTILITY COMPANIES BE HELD LIABLE FOR ANY DAMAGE AND/OR INJURY ONCE THEIR MAINS HAVE BEEN RELOCATED AND THE EXISTING ABANDONED.

STORM SEWER

THE VERTICAL AND HORIZONTAL CLEARANCES BETWEEN WATER MAINS AND PROPOSED OR EXISTING STORM SEWERS SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 41-1.02A THROUGH 41-1.02D OF THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS".

FRAMES AND GRATES

THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.

ON ALL IMPROVEMENTS, THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MELROSE PARK AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE OF MELROSE PARK PUBLIC WORKS YARD LOCATED AT 1002 N. 27th AVENUE.

HOT-MIX ASPHALT PAVING OPERATIONS

RESURFACING AREA : THE HOT-MIX ASPHALT BINDER COURSE SHALL BE PLACED IN FOUR (4) PASSES WITH A COLD JOINT LOCATED A MINIMUM OF SIX INCHES (6") FROM THE CENTERLINE OF THE PAVEMENT. THE HOT-MIX ASPHALT SURFACE COURSE WILL BE PLACED IN FOUR (4) PASSES WITH A COLD JOINT LOCATED AT THE CENTERLINE OF THE PAVEMENT. THE WIDTH OF THE HOT-MIX ASPHALT SURFACE PASSES ALONG THE CENTERLINE SHALL BE NINETEEN AND ONE-HALF FEET (19.5'), LEAVING A THIRTEEN FOOT (13') WIDE PASS ALONG EACH EDGE OF PAVEMENT. THE CONTRACTOR WILL BE REQUIRED TO SCHEDULE HIS OPERATIONS SO THAT NO SECTIONS OF PAVEMENT WILL HAVE A COLD JOINT OVERNIGHT.

RECONSTRUCTION AREA : THE HOT-MIX BINDER COURSE WILL BE PLACED IN TWO (2) PASSES WITH A COLD JOINT LOCATED A MINIMUM OF SIX INCHES (6") FROM THE CROWN LINE OF THE PAVEMENT. THE HOT-MIX ASPHALT SURFACE COURSE WILL BE PLACED IN TWO (2) PASSES WITH A COLD JOINT LOCATED AT THE CROWN LINE OF THE PAVEMENT. THE CONTRACTOR WILL BE REQUIRED TO SCHEDULE HIS OPERATIONS SO THAT NO SECTIONS OF PAVEMENT ALONG THE CROWN LINE WILL HAVE A COLD JOINT OVERNIGHT.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES FLOWS THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. HE SHALL ALSO PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER COLLECTED IN A SAFE MANNER WITHOUT DAMAGE OF ANY KIND TO ADJACENT PROPERTIES. THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS. THE COST OF ALL THE PREVIOUSLY MENTIONED WORK SHALL BE INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS. ALL ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS AS WELL AS MATERIAL EXISTING BEFORE CONSTRUCTION, SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.

EXISTING STRUCTURE MODIFICATIONS

ALL KNOWN EXISTING STRUCTURES IN THE PAVEMENT OR ADJACENT AREAS WHICH ARE INVOLVED IN THE CONSTRUCTION HAVE BEEN SHOWN ON THE PLANS AND NOTED AS TO BE REMOVED, FILLED, RECONSTRUCTED, OR ADJUSTED BY THE CONTRACTOR EXCEPT THOSE OF AMERITECH, COMED, AND THE NICOR GAS COMPANY, WHICH ARE TO BE ADJUSTED BY THE APPROPRIATE UTILITY FORCE. WHERE EXISTING STRUCTURES ARE TO BE REMOVED OR FILLED, OR THE EXISTING CASTING REPLACED, THE CASTINGS REMOVED FROM THE STRUCTURE ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MELROSE PARK AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE OF MELROSE PARK PUBLIC WORKS YARD LOCATED AT 1002 N. 27th AVENUE.

SHEETING OR SHORING

IT SHOULD BE NOTED THAT ANY SHEETING OR SHORING REQUIRED FOR THE STORM SEWER INSTALLATION OR OTHER CONSTRUCTION ELEMENTS REQUIRING RELATIVELY DEEP EXCAVATIONS, SHALL BE INCLUDED IN THE PARTICULAR PAYMENT ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY SUPPLEMENTAL WORK ASSOCIATED WITH THE MAINTENANCE OF TRENCH SIDES OR OTHER EXCAVATED AREAS.

MAINTENANCE OF EXISTING DRAINAGE STRUCTURES

WHEN DURING THE CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS OR DRAINAGE STRUCTURE SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEAN AND FREE OF ALL OBSTRUCTIONS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS.

SAW CUTTING

THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AND CONCRETE PAVEMENT AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING PAVEMENT DIRECTLY ADJACENT TO THE PAVEMENT TO BE REMOVED. ANY DAMAGE TO THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PRICE OF SAW CUTTING, AS NOTED ABOVE, SHALL BE INCLUDED IN THE PARTICULAR PAY ITEMS.

PROPOSED STRUCTURES

THE CONTRACTOR SHALL NOT ORDER PROPOSED STRUCTURES UNTIL A JULIE REQUEST HAS BEEN EXECUTED AND THE ENGINEER HAS BEEN NOTIFIED BY THE CONTRACTOR OF ANY CONFLICTS.

ITEMS TO BE SALVAGED

WHERE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING FRAMES, VALVE BOXES, FIRE HYDRANTS, AND OTHER CASTINGS ARE TO BE REMOVED BY THE CONTRACTOR TO COMPLETE THE WORK. THESE ITEMS ARE TO BE COLLECTED AND DELIVERED BY THE CONTRACTOR TO THE OWNER AT ITS PUBLIC WORKS FACILITY LOCATED AT 1002 N. 27TH AVENUE, FOR THEIR USE OR DISPOSAL. THIS ITEM WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS STORM SEWER STRUCTURES IN THE CONTRACT.

NOTIFICATION OF RESIDENTS

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING WRITTEN NOTICE TO ALL RESIDENCES AND/OR PLACES OF BUSINESS AT LEAST ONE (1) WORKING DAY PRIOR TO PERFORMING ANY CONSTRUCTION ACTIVITY THAT WILL ELIMINATE ACCESS TO THEIR PROPERTY. THE WRITTEN NOTICE SHALL BE APPROVED BY THE ENGINEER AND THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.

TRAFFIC PROTECTION

CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT WHEN WORK COMMENCES, THE CONTRACTOR SHALL ASSUME THE MAINTENANCE OF ANY PAVEMENT, SHOULDERS, DRAINAGE FACILITIES, TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND OTHER APPURTENANCES ON ROADWAYS WITHIN THE LIMITS OF THE CONTRACT WHICH ARE TO BE USED BY THE PUBLIC DURING CONSTRUCTION AND TO RETAIN THIS MAINTENANCE RESPONSIBILITY UNTIL THE VILLAGE ASSUMES THE MAINTENANCE. NEED FOR SNOW AND ICE CONTROL DURING THE CONSTRUCTION PERIOD SHALL BE ACCOMMODATED FOR BY OTHERS. ALL UNBALLASTED TYPE I & TYPE II BARRICADES SHALL HAVE TWO SANDBAGS ONE ACROSS EACH BOTTOM RAIL.

EXISTING ROADWAY SIGNS

ALL EXISTING ROADWAY SIGNS, MARKERS, ETC., LOCATED WITHIN THE ROADWAY RIGHT-OF-WAY WHICH ARE INVOLVED IN THIS CONSTRUCTION SHALL BE REMOVED AND DELIVERED TO THE VILLAGE PUBLIC WORKS YARD LOCATED AT 1002 N. 27th AVENUE. ALL WORK ASSOCIATED WITH THIS ITEM SHALL BE CONSIDERED INCLUDED IN THE RESPECTIVE TRAFFIC CONTROL PAY ITEMS AND NO EXTRA COMPENSATION WILL BE ALLOWED.

SOILS REPORT

A SOILS REPORT HAS BEEN PREPARED CONTAINING CERTAIN INFORMATION RELATING TO GENERAL SOIL CONDITIONS TO BE ENCOUNTERED ALONG THE ROUTE OF THE WORK. THE CONTRACTOR WILL BE PERMITTED TO EXAMINE THIS INFORMATION AND DETERMINE ITS VALUE. ANY ADDITIONAL BORINGS DEEMED NECESSARY BY THE CONTRACTOR SHALL BE MADE AT HIS OWN EXPENSE.

PLUGGING EXISTING SEWERS AND DRAINS

UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FOOT LONG NON-SHRINK/MORTAR PLUG. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OF STRUCTURES.

SCHEDULE OF WORK OPERATIONS

EXCAVATION: NO MORE THAN 100' OF EXCAVATION SHALL BE LEFT OPEN WITHOUT INSTALLATION OF GEOFABRIC AND AT LEAST NINE-INCHES (9") OF AGGREGATE BASE COURSE.

PAVING: THE 1" HOT-MIX ASPHALT LEVELING BINDER COURSE SHALL BE INSTALLED WITHIN FIVE (5) CALENDAR DAYS OF HOT-MIX ASPHALT SURFACE REMOVAL. THE 7" HOT-MIX ASPHALT BINDER COURSE SHALL BE INSTALLED WITHIN THIRTY (30) CALENDAR DAYS OF COMMENCEMENT OF PAVEMENT REMOVAL.

UNDERCUT AND POROUS GRANULAR EMBANKMENT (PGE)

A QUANTITY OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES), HAS BEEN PROVIDED FOR USE IF THE EXISTING SOILS ARE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AS DETERMINED BY THE ENGINEER. IF UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY OF PGES WILL REMAIN UNUSED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR. THE 3-INCH CAPPING AGGREGATE (CA-6 GRADATION) WILL NOT BE REQUIRED SINCE GRANULAR SUBBASE WILL BE PLACED ON TOP OF THE PGE.

STORM SEWER STRUCTURES

PRE-CAST REINFORCED CONCRETE SECTIONS FABRICATED IN ACCORDANCE WITH ASTM C-478 WILL BE USED ON ALL STRUCTURES AND RECONSTRUCTED STRUCTURES. FINAL ADJUSTMENT SHALL BE MADE USING PRE-CAST ADJUSTING RINGS. A MAXIMUM OF 6" OF ADJUSTING RINGS WILL BE PERMITTED. THE WORK DESCRIBED WITHIN THE SPECIAL PROVISION FOR FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) SHALL BE PERFORMED WHEN INSTALLING A NEW STORM SEWER STRUCTURE. THIS ITEM WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS PROPOSED STORM SEWER STRUCTURES IN THE CONTRACT.

Drawing file: W:\Projects\60090001 - Broadway Ave Reconstruction\DETAILS.dwg Mar 29, 2010 11:08am



9033 Woodloch Road
Webster, IL 60594-2786
Phone: 815-864-2399
Fax: 815-864-2322

USER NAME -	DESIGNED - WOP	REVISED -
	DRAWN - MIK/LEV/DMM	REVISED -
PLOT SCALE -	CHECKED - WOP	REVISED -
PLOT DATE -	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-PP	COOK	33	3
FIELD BOOK NO. 1589/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

E.H.E. PROJECT NO. 600-09-00101

SUMMARY OF QUANTITIES

CODE	PAY ITEM DESCRIPTION	UNIT	1000	1000
			TOTAL QUANTITY	80% FEDERAL 20% LOCAL
20200100	EARTH EXCAVATION	CU YD	3,600	3,600
~ 20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	650	650
20800150	TRENCH BACKFILL	CU YD	75	75
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	300	300
25200100	SODDING	SQ YD	300	300
25200200	SUPPLEMENTAL WATERING	UNIT	50	50
~ 28000510	INLET FILTERS	EACH	20	20
~ 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	200
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,850	1,850
40600300	AGGREGATE (PRIME COAT)	TON	40	40
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	5	5
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	250	250
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	525	525
40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SQ YD	8,000	8,000
42101300	PROTECTIVE COAT	SQ YD	250	250
~ 42300720	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH, SPECIAL	SQ YD	50	50
~ 42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	1,000	1,000
~ 42400800	DETECTABLE WARNINGS	SQ FT	64	64
~ 44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4,700	4,700
~ 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	50	50
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	500	500
~ 44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	8,000	8,000
~ 44004700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	1,000	1,000
550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	183	183
~ 60213300	CATCH BASINS, SPECIAL	EACH	11	11
~ 60224600	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
~ 60238900	INLETS, TYPE A, SPECIAL, TYPE 1 FRAME, OPEN LID	EACH	2	2
~ 60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	10	10
~ 60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10
~ 60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	500	500
67100100	MOBILIZATION	L SUM	1	1

* DENOTES SPECIALTY ITEM
 ~ DENOTES SPECIAL PROVISION HAS BEEN PROVIDED

Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\DETAILS.dwg Apr 19, 2010 - 11:23am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP
PLOT SCALE -	DRAWN - MK/LEV/DMM
PLOT DATE -	CHECKED - WOP
	DATE - 3-29-10

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NOT TO SCALE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 4
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

SUMMARY OF QUANTITIES

CODE	PAY ITEM DESCRIPTION	UNIT	1000	1000
			TOTAL QUANTITY	80% FEDERAL 20% LOCAL
~ 70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	0.5	0.5
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	60	60
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,500	4,500
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,000	1,000
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	200	200
~ X0325526	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	10	10
~ X0326210	GEOTECHNICAL FABRIC, SPECIAL	SQ YD	8,000	8,000
~ X0326408	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, SPECIAL	CU YD	650	650
~ XX000541	EXPLORATORY EXCAVATION	CU YD	20	20
~ XX002260	STRUCTURES TO BE REMOVED	EACH	16	16
~ XX005636	PIPE UNDERDRAINS, PERFORATED POLYVINYL CHLORIDE PIPE, 6"	FOOT	80	80
~ XX007228	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 10"	FOOT	152	152
~ Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	8,000	8,000
~ Z0019600	DUST CONTROL WATERING	UNIT	100	100
Δ ~ Z0076600	TRAINEES	HOUR	500	500

Δ Y000
 * DENOTES SPECIALTY ITEM
 ~ DENOTES SPECIAL PROVISION HAS BEEN PROVIDED

EARTHWORK TABLE

LOCATION	REMOVAL & DISPOSAL MATERIAL (PGES) (CU YD)	EARTH EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR 15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
BROADWAY AVENUE STA. 6+80 TO STA. 26+29	650	3,600	3,600	3,600	0	+3,060

**POROUS GRANULAR EMBANKMENT
SUBGRADE LOCATIONS PER SOIL REPORT**

LOCATION	EAST SIDE		WEST SIDE	
	WIDTH	DEPTH	WIDTH	DEPTH
BROADWAY AVENUE STA. 9+50 TO STA. 13+00 STA. 16+00 TO STA. 19+50	12.0'	0.75'	19.5'	0.75'

NOTE:
ACTUAL LOCATIONS, WIDTHS,
AND DEPTHS TO BE DETERMINED

NOTE:

**POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

Drawing File: W:\Projects\60009001 - Broadway Ave Reconstruction\DETAILS.dwg Apr 19, 2010 - 11:15am



1933 Roosevelt Road
 Westchester, Illinois 60591-2708
 Phone: 708-660-0100
 Fax: 708-660-0102

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

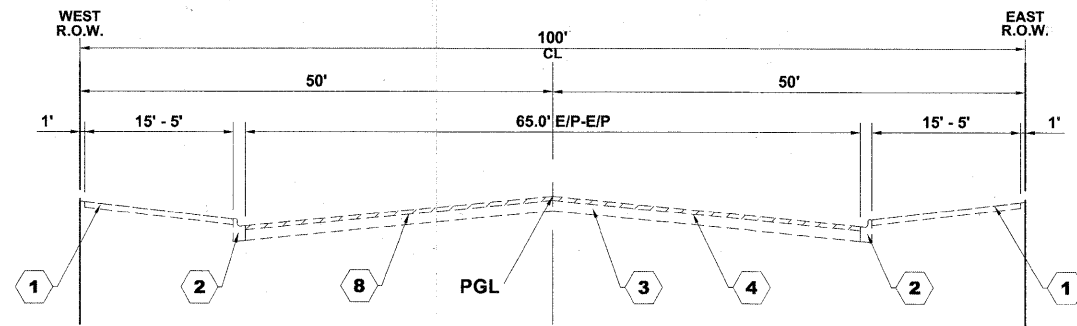
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

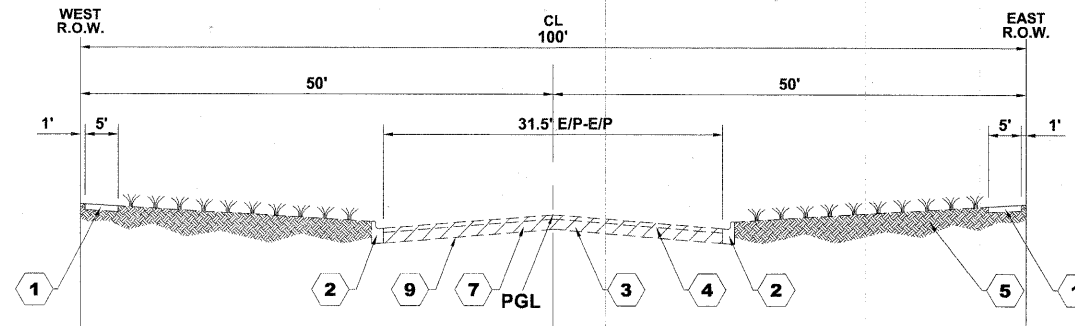
SCALE: NOT TO SCALE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	5
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

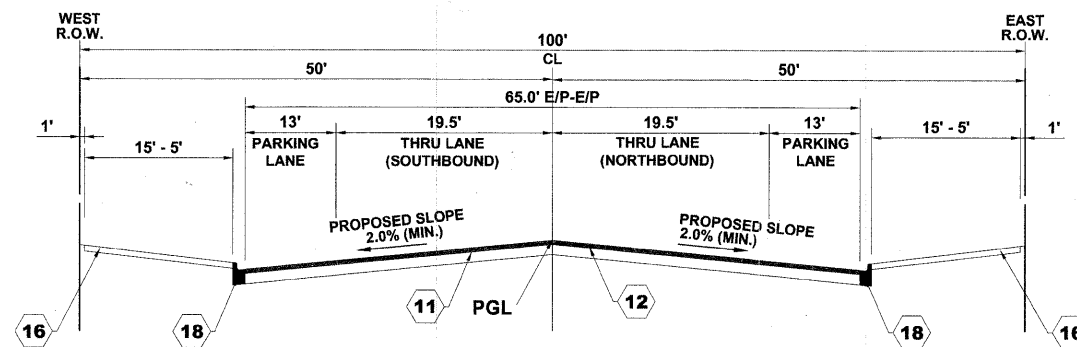
E.H.E. PROJECT NO. 600-09-00101



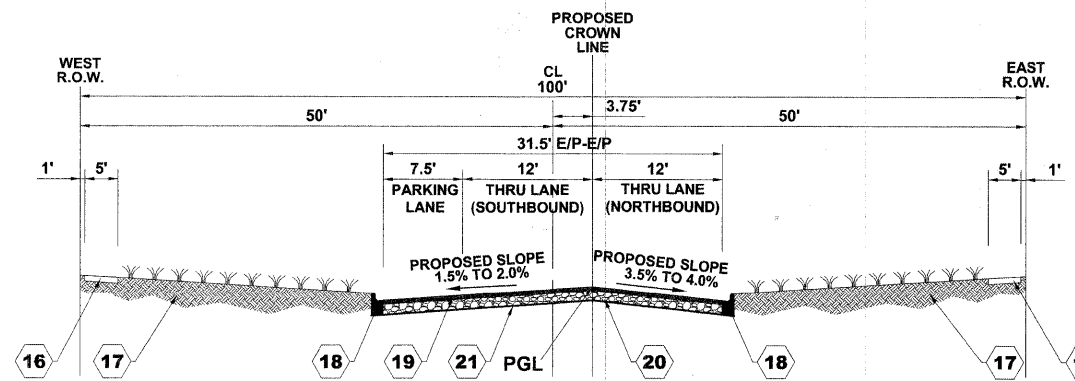
**EXISTING TYPICAL CROSS SECTION
BROADWAY AVENUE
STATION 1+02 TO STATION 6+80**



**EXISTING TYPICAL CROSS SECTION
BROADWAY AVENUE
STATION 6+80 TO STATION 26+29**



**PROPOSED TYPICAL CROSS SECTION
BROADWAY AVENUE
STATION 1+02 TO STATION 6+80**



**PROPOSED TYPICAL CROSS SECTION
BROADWAY AVENUE
STATION 6+80 TO STATION 26+29**

TYPICAL CROSS SECTION LEGEND

EXISTING CONDITIONS

- 1 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 2 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 3 PORTLAND CEMENT CONCRETE BASE COURSE, 9.0"±
- 4 HOT MIX ASPHALT BINDER AND SURFACE COURSE, 4"±
- 5 GRASS PARKWAY
- 7 PAVEMENT REMOVAL (SPECIAL)
- 8 HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- 9 GRANULAR SUBBASE, 2"±

PROPOSED CONDITIONS

- 11 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL 9.5mm), 2"
- 12 LEVELING BINDER (MACHINE METHOD), N50, (IL 9.5mm), 1"
- 16 PORTLAND CEMENT CONCRETE SIDEWALK, 5" (INTERMITTENT REPLACEMENT)
- 17 TOPSOIL FURNISH AND PLACE, 4" SODDING, (INTERMITTENT REPLACEMENT)
- 18 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (INTERMITTENT REPLACEMENT)
- 19 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9" - HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2" - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7" (INSTALLED IN 2 LIFTS)
- 20 AGGREGATE SUBGRADE, 12"
- 21 GEOTECHNICAL FABRIC

PAVEMENT CORE SUMMARY

CORE	STATION	O/S	ASPHALT	FRACTURED CONCRETE BASE & CRUSHED STONE
SB-1	8+00	13'L	6.0"	11.0"
PC-1	8+00	13'R	5.5"	8.5"
SB-2	10+65	13'L	8.5"	10.5"
PC-2	10+67	13'R	5.5"	18"
PC-2A	10+65	10'R	5.25"	6.0"
PC-2B	10+65	10'L	8.25"	6.0"
SB-3	13+97	11'L	2.75"	13.5"
PC-3	14+00	13'R	4.0"	15.5"
PC-3A	14+00	6'R	4.25"	6.0"
SB-4	18+03	8'R	3.0"	8.0"
PC-4	18+00	13'L	4.75"	13.5"
SB-5	21+00	12'R	4.0"	11.5"
PC-5	21+00	11'L	4.25"	11.75"
PC-5A	21+00	4'L	2.75"	6.0"
PC-5B	21+00	4'R	2.75"	7.0"
SB-6	24+97	10'R	4.0"	9.0"
PC-6	25+00	10'L	4.25"	8.0"

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT (STA. 6+80 TO STA. 26+29) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL 9.5mm), 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7"	4% @ 50 GYR. 4% @ 50 GYR.
RESURFACING (STA. 1+02 TO STA. 6+80) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL 9.5mm), 2" LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm), 1"	4% @ 50 GYR. 4% @ 50 GYR.
TEMPORARY PAVEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5mm), 1.5"	4% @ 50 GYR.

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

Drawing file: W:\Projects\60090001 - Broadway Ave Reconstruction\DETAILS.dwg Mar 29, 2010 - 11:23am



9933 Woodmont Road
Woodstock, Illinois 60154-2786
Phone: 708.965.0300
Fax: 708.965.0322

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED
TYPICAL CROSS SECTIONS**

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

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	6
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

E.H.E. PROJECT NO. 600-09-00101

Drawing file: W:\Projects\60090001 - Broadway Ave Reconstruction\BROADWAY_MISC.dwg Mar 29, 2010 - 11:34am

LEGEND OF SYMBOLS		
SYMBOL	DESCRIPTION	CODE & SIZE
		W20-3 48"x48"
		W20-2 48"x48"
		R8-3 24"x24"
		R11-4 60"x30"
		R11-4 60"x30"
		R8-3 12"x18" R8-3a 12"x6"
		R8-3 12"x18" R8-3a 12"x6"
		M3-1 24"x12"
		M3-1 24"x12"
		M4-8 36"x12"

LEGEND OF SYMBOLS		
SYMBOL	DESCRIPTION	CODE & SIZE
		M4-8 24"x18"
		M4-8 36"x24"
		M4-9 30"x24"
		M4-9 30"x24"
		M4-9 30"x24"
		M4-9R 24"x30"
		M4-9L 24"x30"
		M4-10 48"x18"
		M4-10 48"x18"

NOTE:
 CONTRACTOR TO NOTIFY IDOT HEAD OF TRAFFIC MAINTENANCE (842)705-4470, SEVENTY-TWO HOURS IN ADVANCE OF SETTING UP DETOUR ROUTE.

Drawing File: \\Projects\60099001 - Broadway Ave Reconstruction\BROADWAY_MISC.dwg Mar 29, 2010 - 11:34am



NOTE:

1. ANY LOCAL DETOURS SHALL BE APPROVED BY THE ENGINEER AT LEAST 48 HOURS PRIOR TO INSTALLATION.
2. THE TWO CHANGEABLE MESSAGE SIGNS ARE TO BE ON SITE AND FUNCTIONING 1 (ONE) WEEK PRIOR TO BROADWAY AVENUE BEING CLOSED.

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

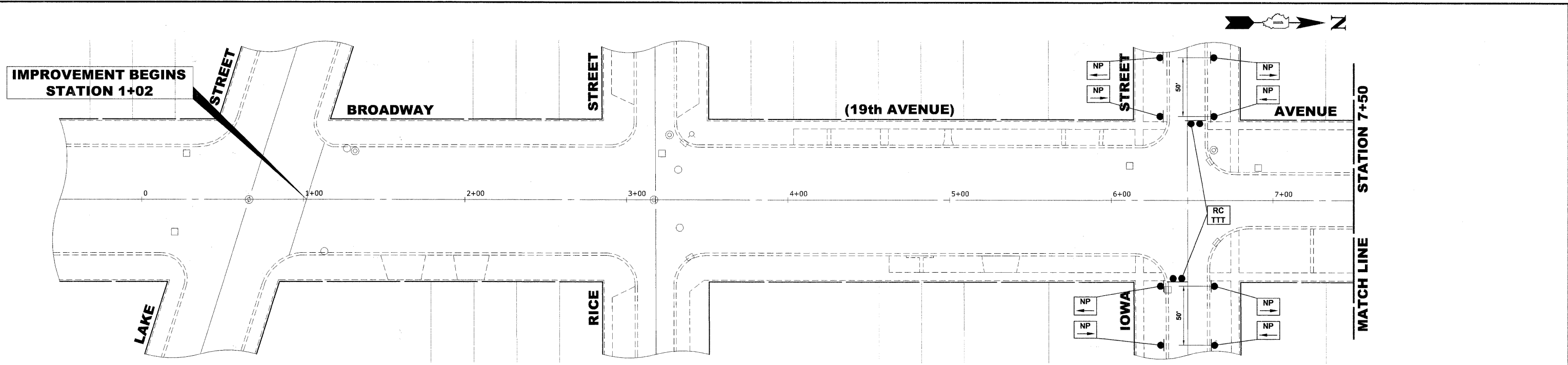
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR FOR THROUGH TRAFFIC SIGNING PLAN

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

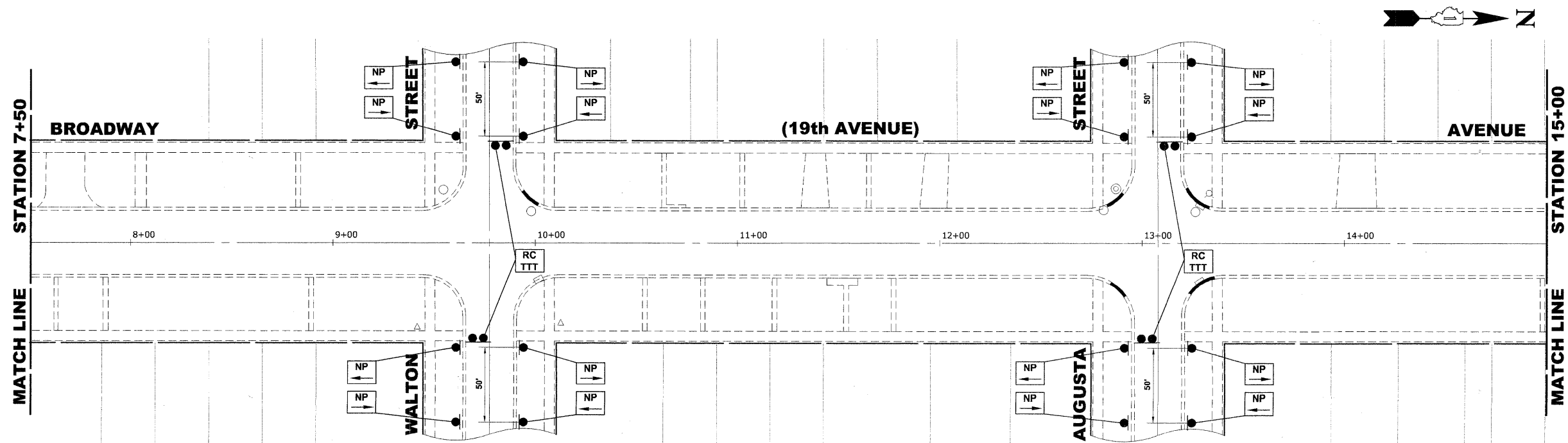
ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 8
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

E.H.E. PROJECT NO. 600-09-00101



PROJECT STAGING & LOCAL ACCESS

1. ACCESS MUST BE MAINTAINED AT ALL TIMES TO AT LEAST ONE OF THE FOLLOWING PARKING LOCATIONS FOR THE PUBLIC LIBRARY:
 - A. ON STREET PARKING ON BROADWAY
 - B. PARKING LOT FACILITIES
2. THE TRENCHES FOR STORM SEWER LATERALS SHALL BE BACKFILLED TO THE TOP OF THE EXISTING PAVEMENT TO PROVIDE LOCAL ACCESS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BAGGING ALL REGULATORY SIGNS THAT ARE NOT APPLICABLE DURING CONSTRUCTION.
4. TEMPORARY STONE RAMPS SHALL BE PROVIDED TO ALL DRIVEWAYS WITHIN THE LIMITS OF THE RECONSTRUCTION (TO BE PAID FOR UNDER THE ITEM: AGGREGATE SURFACE COURSE, TYPE B).



Drawing file: W:\Projects\60090001 - Broadway Ave Reconstruction\BROADWAY_MISS.dwg Mar 29, 2010 - 11:35am



USER NAME -
 DESIGNED - WOP
 DRAWN - MK/LEV/DMM
 CHECKED - WOP
 DATE - 3-29-10

REVISI...
 REVISI...
 REVISI...
 REVISI...

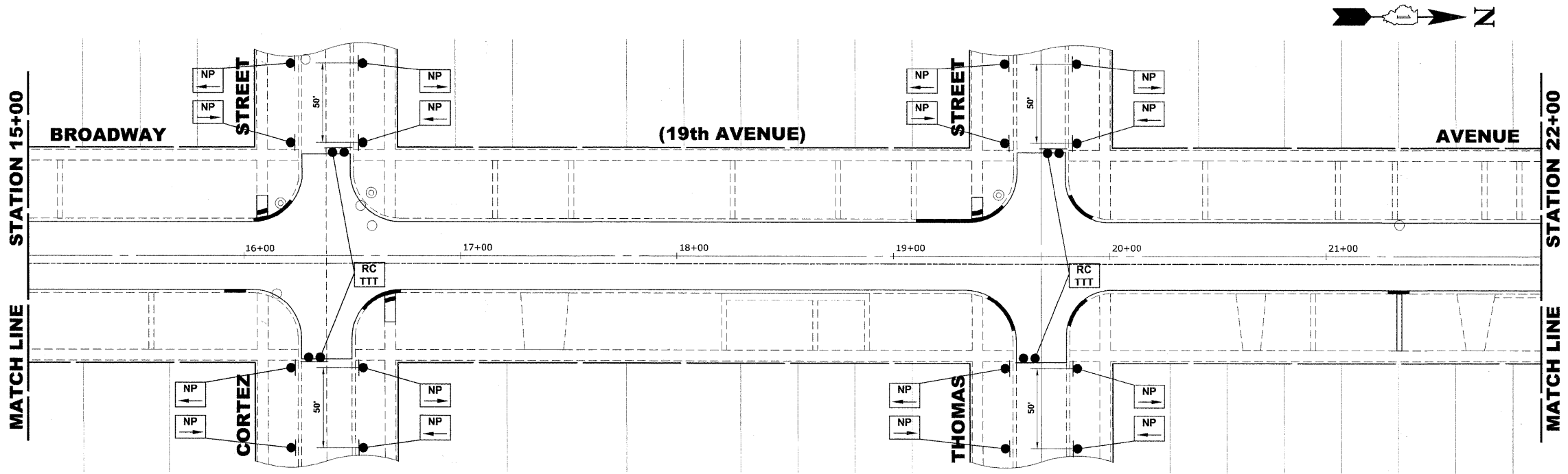
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCAL ACCESS SIGNING PLAN

SCALE: 1" = 30' SHEET NO. 1 OF 2 SHEETS STA. 1+02 TO STA. 15+00

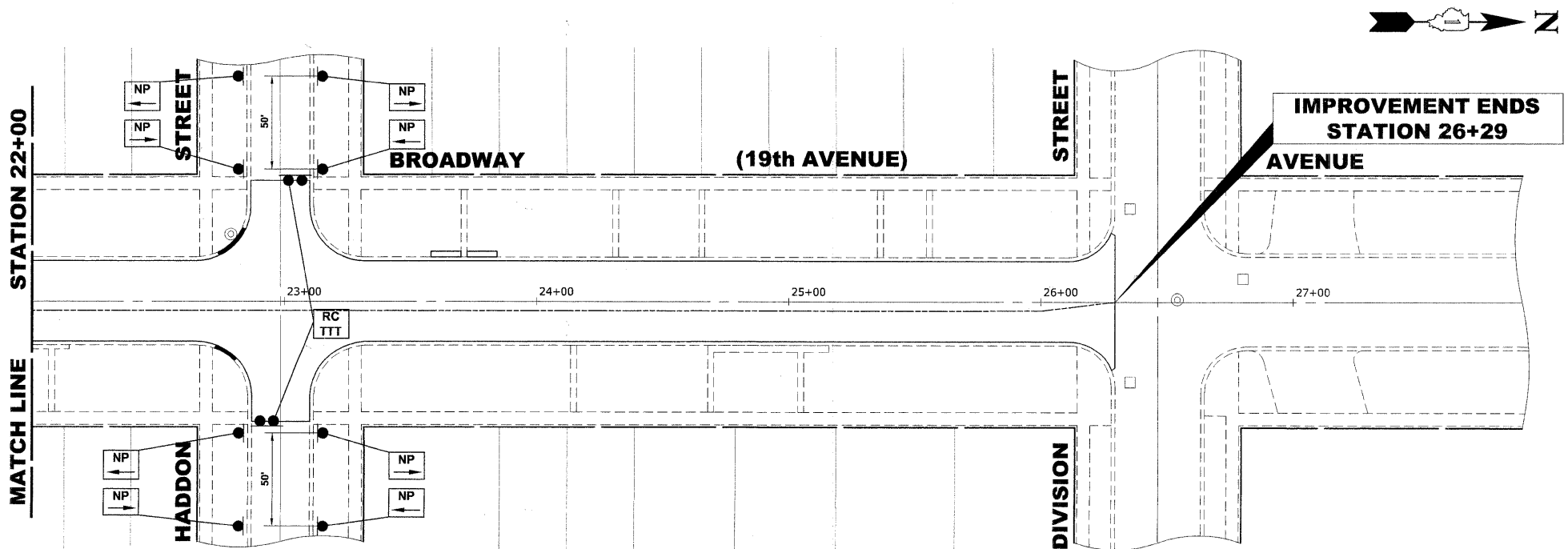
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	9
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

E.H.E. PROJECT NO. 600-09-00101



PROJECT STAGING & LOCAL ACCESS

1. ACCESS MUST BE MAINTAINED AT ALL TIMES TO AT LEAST ONE OF THE FOLLOWING PARKING LOCATIONS FOR THE PUBLIC LIBRARY:
 - A. ON STREET PARKING ON BROADWAY
 - B. PARKING LOT FACILITIES
2. THE TRENCHES FOR STORM SEWER LATERALS SHALL BE BACKFILLED TO THE TOP OF THE EXISTING PAVEMENT TO PROVIDE LOCAL ACCESS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BAGGING ALL REGULATORY SIGNS THAT ARE NOT APPLICABLE DURING CONSTRUCTION.
4. TEMPORARY STONE RAMPS SHALL BE PROVIDED TO ALL DRIVEWAYS WITHIN THE LIMITS OF THE RECONSTRUCTION (TO BE PAID FOR UNDER THE ITEM: AGGREGATE SURFACE COURSE, TYPE B).



Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY_MSC.dwg Mar 29, 2010 11:35am



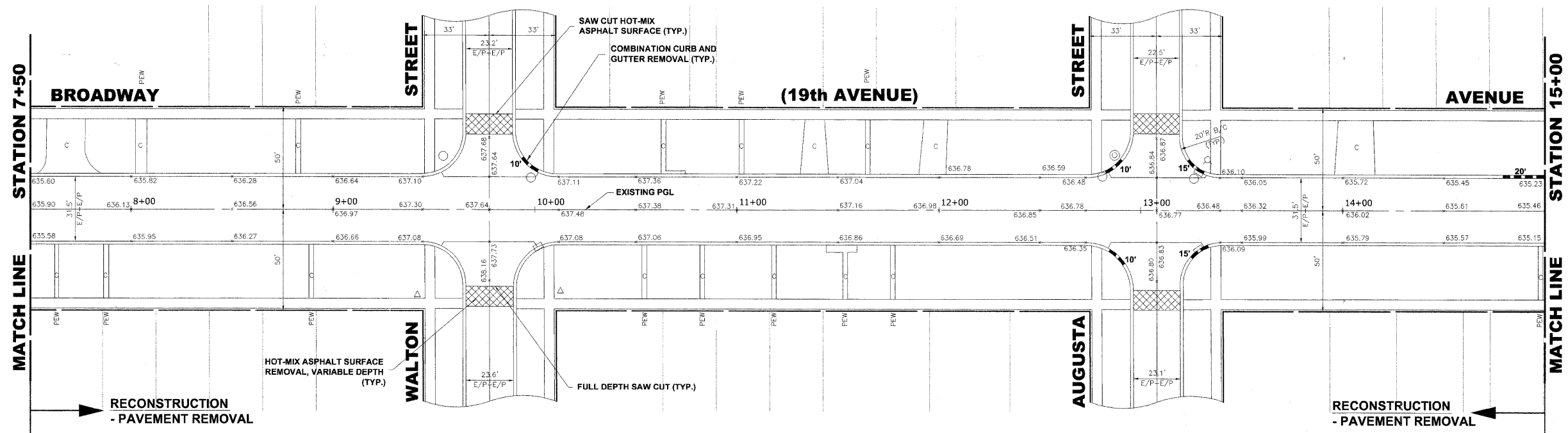
USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

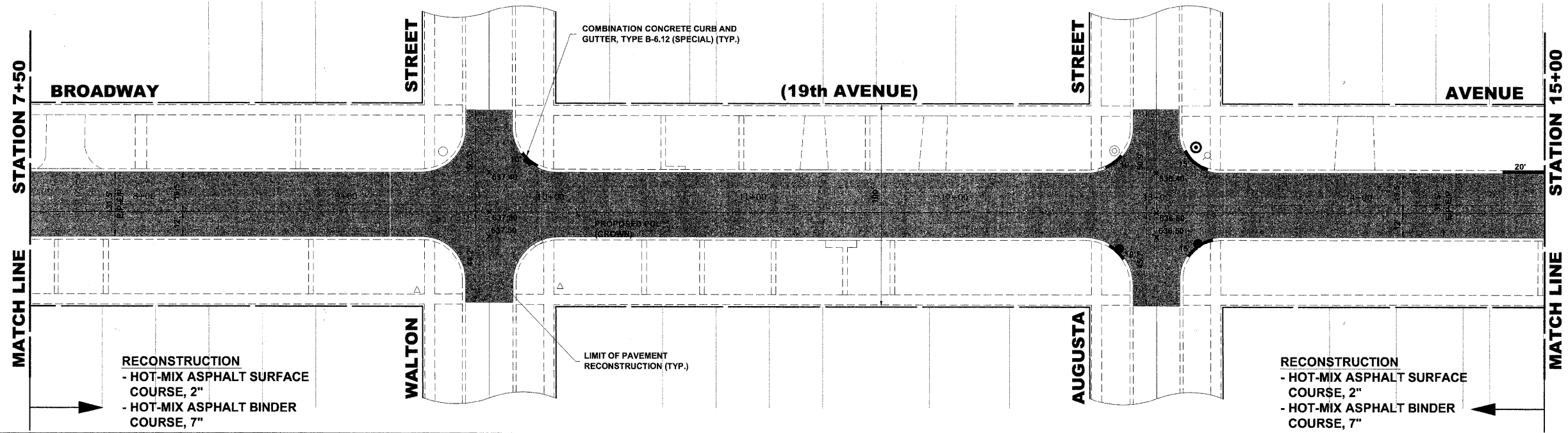
LOCAL ACCESS SIGNING PLAN
SCALE: 1" = 30'
SHEET NO. 2 OF 2 SHEETS STA. 15+00 TO STA. 26+29

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 10
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

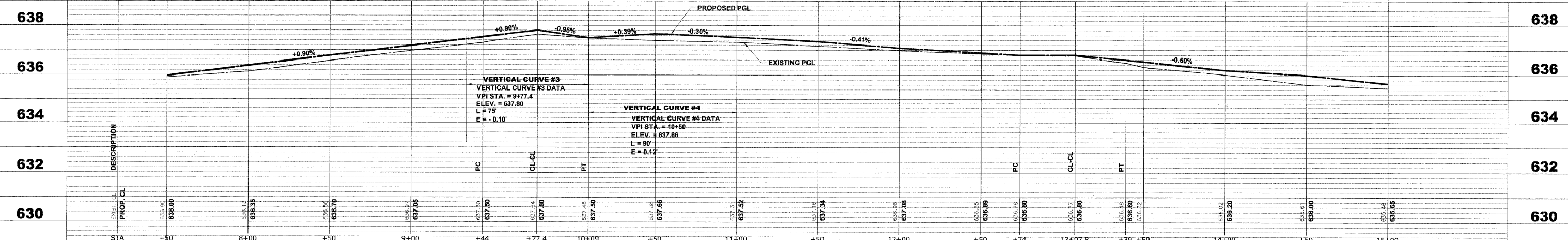
E.H.E. PROJECT NO. 600-09-00101



EXISTING TOPOGRAPHY

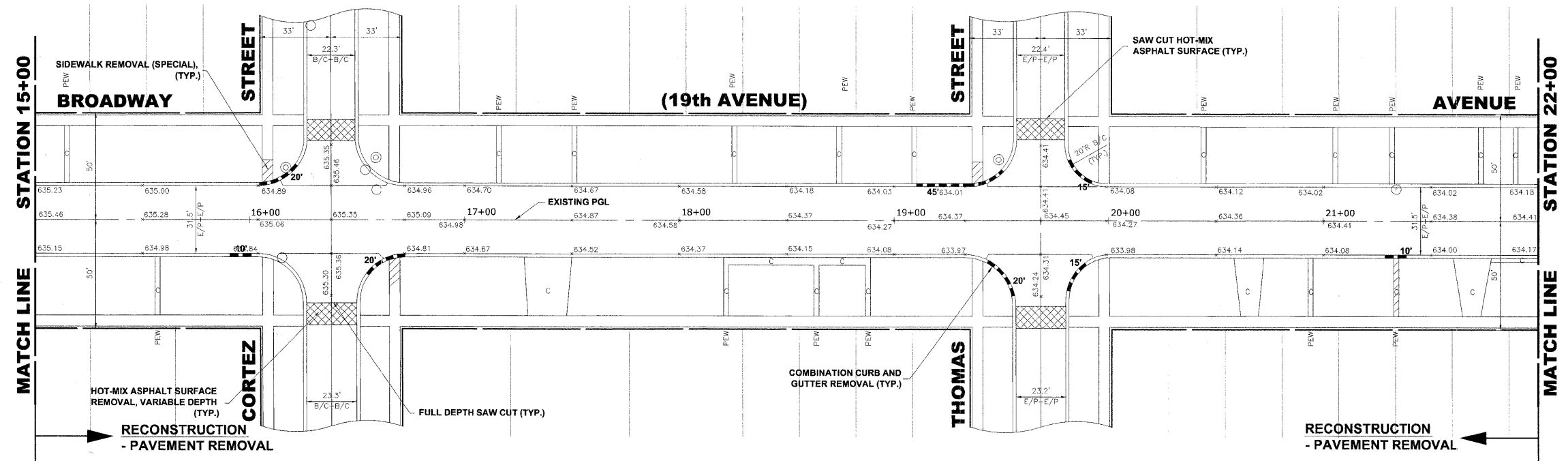


PROPOSED IMPROVEMENT

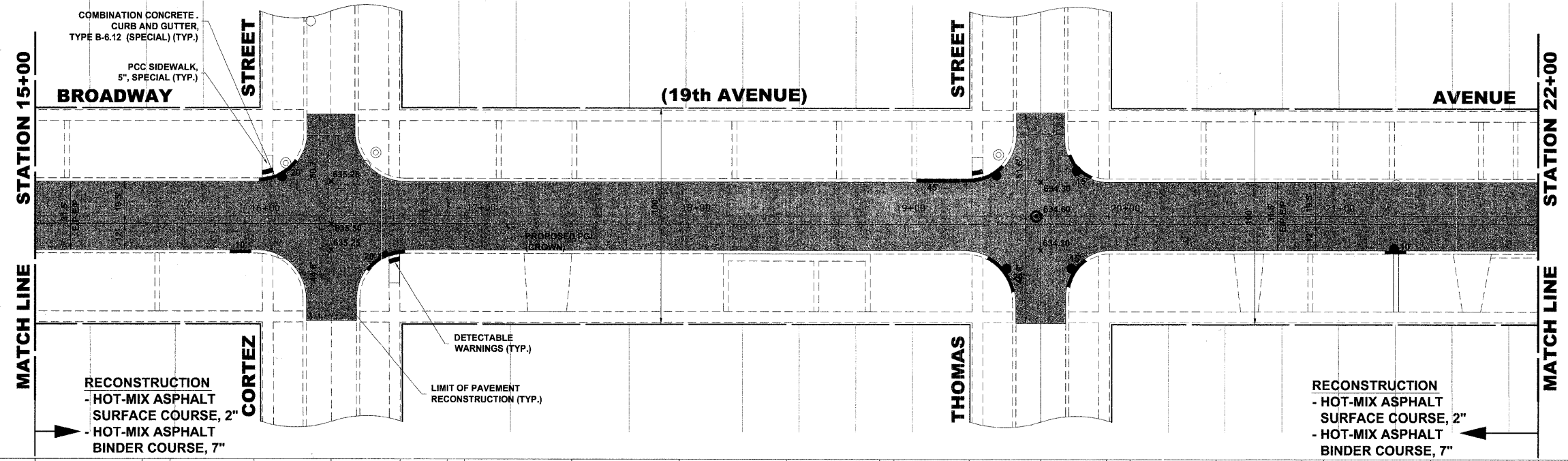


HANCOCK ENGINEERING Civil Engineers Municipal Consultants Established 1911	USER NAME -	DESIGNED - WOP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BROADWAY AVENUE (19th AVENUE) PAVING PLAN AND PROFILE	ROUTE NO. -	SECTION -	COUNTY -	TOTAL SHEETS -	SHEET NO. -	
	PLOT SCALE -	CHECKED - WOP	REVISED -			2406	09-00114-00-FP	COOK	33	12	
	PLOT DATE -	DATE - 3-29-10	REVISED -			FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)	
						SCALE: 1"=30'H. & 1"=2'V.		SHEET NO. 2 OF 4 SHEETS		STA. 7+50 TO STA. 15+00	

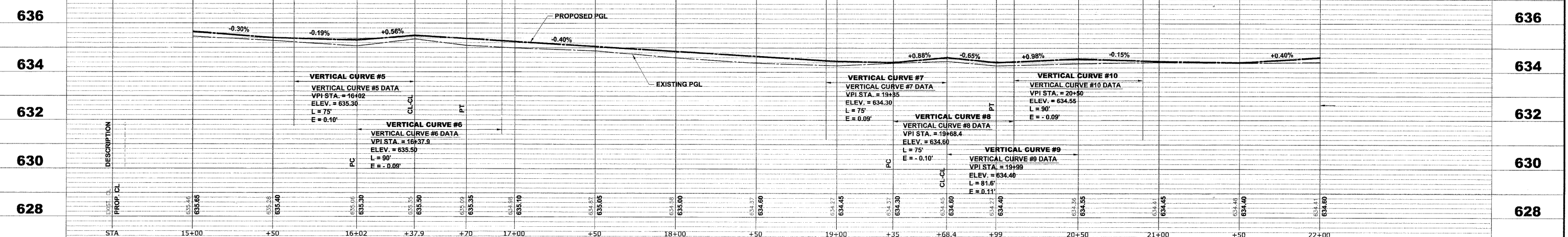
Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY AVE\BROADWAY AVE.dwg
 Mar 29, 2010 - 11:30am



EXISTING TOPOGRAPHY



PROPOSED IMPROVEMENT



HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
DRAWN - MK/LEV/DMM	REVISOR -	
CHECKED - WOP	REVISOR -	
DATE - 3-29-10	REVISOR -	

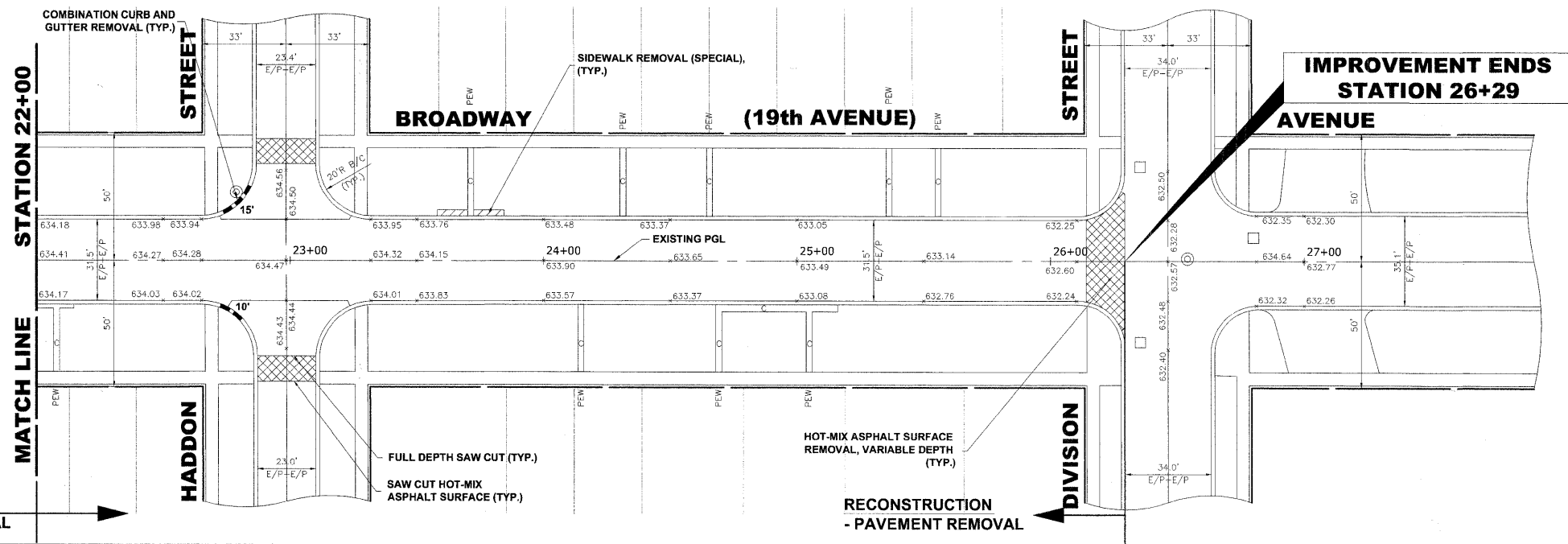
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BROADWAY AVENUE (19th AVENUE) PAVING PLAN AND PROFILE
 SCALE: 1"=30'H. & 1"=2'V. SHEET NO. 3 OF 4 SHEETS STA. 15+00 TO STA. 22+00

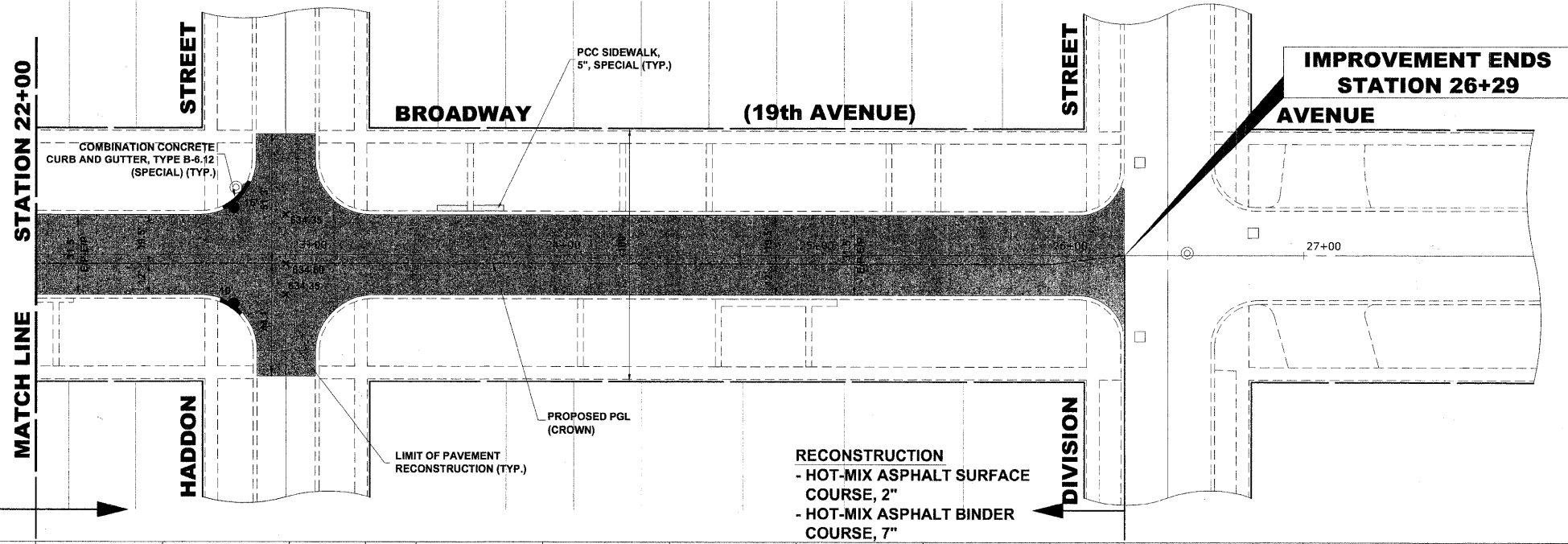
ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 13
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

E.H.E. PROJECT NO. 600-09-00101

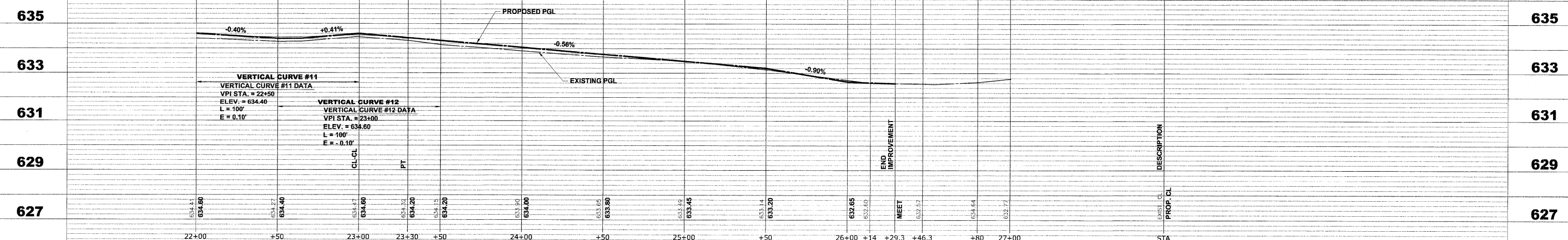
Drawing file: W:\Projects\60090001 - Broadway Ave Reconstruction\BROADWAY AVE BROADWAY AVE.dwg Mar 29, 2010 11:33am



EXISTING TOPOGRAPHY



PROPOSED IMPROVEMENT



HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
DRAWN - MK/LEV/DMM	CHECKED - WOP	REVISED -
PLOT SCALE -	DATE - 3-29-10	REVISED -
PLOT DATE -		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BROADWAY AVENUE (19th AVENUE)
 PAVING PLAN AND PROFILE**

SCALE: 1"=30'H. & 1"=2'V. SHEET NO. 4 OF 4 SHEETS STA. 22+00 TO STA. 26+29

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 14
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

Drawing file: W:\Projects\6009001 - Broadway Ave Reconstruction\BROADWAY AVE\BROADWAY AVE.dwg Mar 29, 2010 11:32am

GENERAL NOTES

DEPRESSED CURBS - THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED AT HANDICAP ACCESSIBLE SIDEWALK RAMPS AT ALLEY RETURNS AND STREET INTERSECTIONS, AND FOR PRIVATE DRIVES AND AS DIRECTED BY THE ENGINEER

DRAINAGE OPENINGS - AT ALL LOCATIONS WHERE CASTINGS ARE TO BE INCORPORATED IN THE CURB AND GUTTER, A 3/4" EXPANSION JOINT SHALL BE INSTALLED IN THE CURB AND GUTTER A DISTANCE OF 5 FT. FROM EACH SIDE OF THE CASTING. 2-NO. 4 RE-BARS, 9' IN LENGTH, SHALL BE INCORPORATED IN THE CONTINUOUS PORTION OF CONCRETE CURB BEHIND THE CASTING.

SLIPFORM CONSTRUCTION - VERTICAL FACES MAY BE BATTERED AT THE RATE OF 3/4" PER FOOT OF HEIGHT TO AID IN SLIPFORM OPERATIONS.

DEPRESSED CURB HEIGHT - THE HEIGHT OF THE DEPRESSED CURB SHALL BE 1-1/2" AT DRIVEWAYS. SEE IDOT STANDARD 424001-05 FOR HEIGHT AT SIDEWALK RAMP.

BITUMINOUS EXPANSION JOINTS - THREE QUARTER INCH (3/4") BITUMINOUS PREMOLDED INORGANIC FIBER EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN NINETY FOOT (90') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF NINETY FEET (90'); AT RADIUS POINTS, AT BOTH SIDES OF FRAMES AND GRATES WHICH FALL IN THE CURB; AND AS DIRECTED BY THE ENGINEER.

ALL EXPANSION JOINTS LOCATED IN THE CURB AND GUTTER SHALL HAVE TWO (2) THREE QUARTER INCH (3/4") DIAMETER, SMOOTH, ROUND, EPOXY COATED DOWEL BARS, EIGHTEEN INCHES (18") IN LENGTH, WITH GREASED PLASTIC END CAPS INSERTED TO ALLOW THE CURB AND GUTTER TO EXPAND AND CONTRACT LATERALLY. CONTRACTION JOINTS SHALL BE TOoled INTO THE CURB AND GUTTER AT INTERVALS NOT TO EXCEED FIFTEEN FEET (15'). THESE CONTRACTION JOINTS SHALL BE SAW CUT TO A DEPTH OF TWO INCHES (2") WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT. THE COST OF THE ABOVE WORK SHALL BE INCLUDED IN THE RESPECTIVE ITEMS FOR CONCRETE INSTALLATION.

CURB AND GUTTER REMOVAL

THE COSTS FOR REMOVAL OF ANY ASPHALT OVERLAY THAT EXTENDS INTO THE GUTTER PORTION OF THE CURB AND GUTTER WILL BE INCLUDED IN THE PRICE FOR COMBINATION CURB AND GUTTER REMOVAL.

FORMS FOR CONCRETE SIDEWALKS, DRIVEWAYS, AND GUTTER FLAGS

A 2" X 6" BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS TO BE INSTALLED FIVE INCHES (5") IN THICKNESS. A 2" X 8" BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS AND DRIVEWAYS TO BE INSTALLED SEVEN INCHES (7") IN THICKNESS. ALL FORMS MUST BE OF A MINIMUM HEIGHT OF THE PROPOSED THICKNESS OF THE RESPECTIVE CONCRETE ITEMS TO BE INSTALLED.

AGGREGATE BEDDING FOR CONCRETE WORK

NEW SIDEWALK AND DRIVEWAY PAVEMENT SHALL BE REPLACED ON A MINIMUM OF TWO INCHES (2") OF COMPACTED CA-6 STONE BEDDING. ADDITIONAL AGGREGATE REQUIRED TO ADJUST THE EXISTING ELEVATION OF THE SUBGRADE TO THE PROPOSED ELEVATION WILL BE INCLUDED AS PART OF THIS WORK.

BASIS OF PAYMENT: THIS ITEM WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE CONCRETE ITEMS IN THE CONTRACT.

CURING AND PROTECTION

AFTER THE CONCRETE HAS BEEN FINISHED AND THE WATER SHEEN HAS DISAPPEARED FROM THE SURFACE OF THE CONCRETE, THE SURFACE SHALL BE SEALED WITH A MEMBRANE CURING COMPOUND OF A TYPE APPROVED BY THE ENGINEER. THE SEAL SHALL BE MAINTAINED FOR THE SPECIFIED CURING PERIOD. THE EDGES OF THE CONCRETE SHALL ALSO BE SEALED IMMEDIATELY AFTER THE FORMS ARE REMOVED. IN ADDITION, ALL CONCRETE PLACED DURING PERIODS OF COLD WEATHER SHALL BE PROTECTED IN ACCORDANCE WITH ARTICLE 720.13 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE RESPECTIVE CONCRETE PAY ITEMS.

THE WORK SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY THE VILLAGE. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY INJURY OR DAMAGE TO THE WORK FROM ANY CAUSE WHATSOEVER AND HE SHALL REBUILD, REPAIR OR RESTORE THE DAMAGED WORK AT HIS OWN EXPENSE.

BASIS OF PAYMENT: THIS ITEM WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS CONCRETE ITEMS IN THE CONTRACT.

PROTECTION OF NEWLY POURED CONCRETE

THE CONTRACTOR SHALL HAVE WATCHMEN AT THE JOB SITE AFTER CONCRETE HAS BEEN POURED UNTIL THE CONCRETE HAS CURED SUFFICIENTLY SO THAT NO GRAFFITI CAN BE POURED IN THE NEWLY POURED CONCRETE SURFACES. THE EXPOSED FACES OF CONCRETE OF ANY ITEMS THAT ARE DEFACED SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

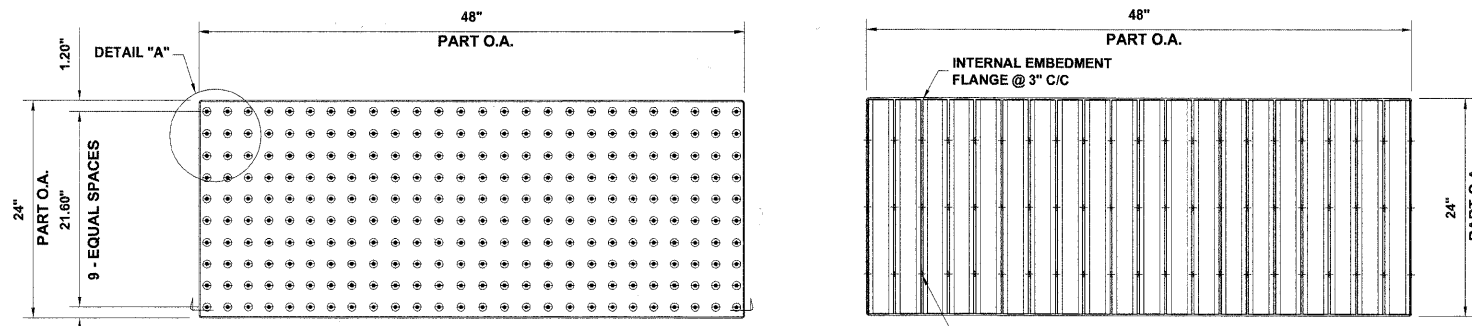
BITUMINOUS EXPANSION JOINTS

THREE-QUARTER INCH (3/4") BITUMINOUS PREMOLDED INORGANIC FIBER EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN FIFTY FOOT (50') INTERVALS AT LOCATIONS WHERE SIDEWALK REPLACEMENT IS IN EXCESS OF FIFTY FOOT (50'), AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.

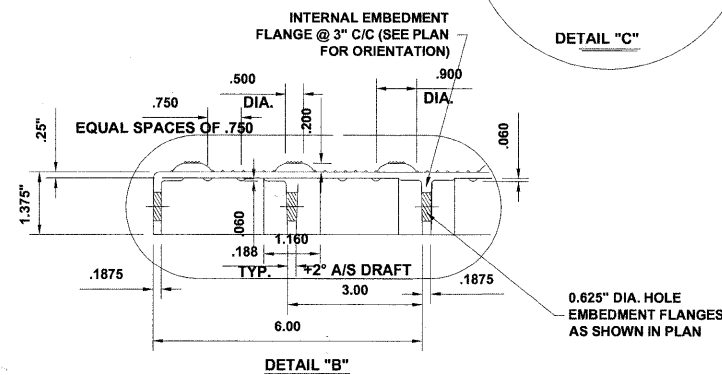
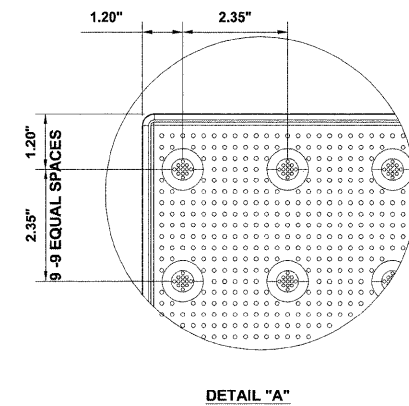
EXPANSION JOINTS WILL BE PLACED IN CURB AND GUTTER AT ALL RADIUS POINTS, ALL BEND POINTS, ON BOTH SIDES OF FRAMES AND GRATES THAT ARE IN THE CURB AND GUTTER, AND AT NOT LESS THAN NINETY FOOT (90') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF NINETY FEET (90'), AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.

ALL EXPANSION JOINTS LOCATED IN THE CURB AND GUTTER SHALL HAVE TWO (2) THREE QUARTER INCH (3/4") DIAMETER, SMOOTH, ROUND, EPOXY COATED DOWEL BARS, EIGHTEEN INCHES (18") IN LENGTH, WITH PLASTIC END CAPS INSERTED TO ALLOW THE CURB AND GUTTER TO EXPAND AND CONTRACT LATERALLY.

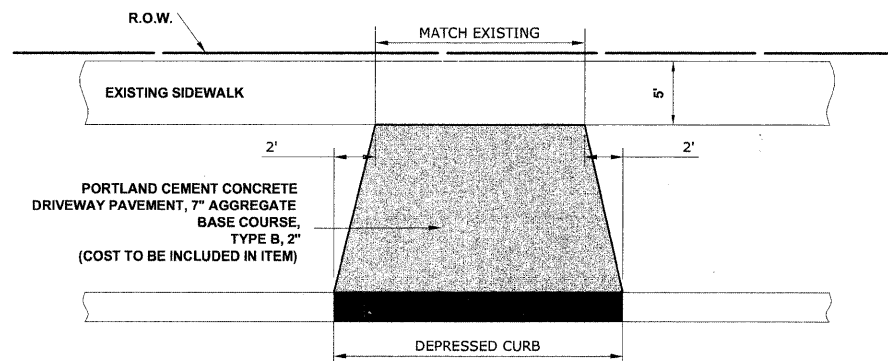
THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE INDIVIDUAL CONCRETE ITEMS.



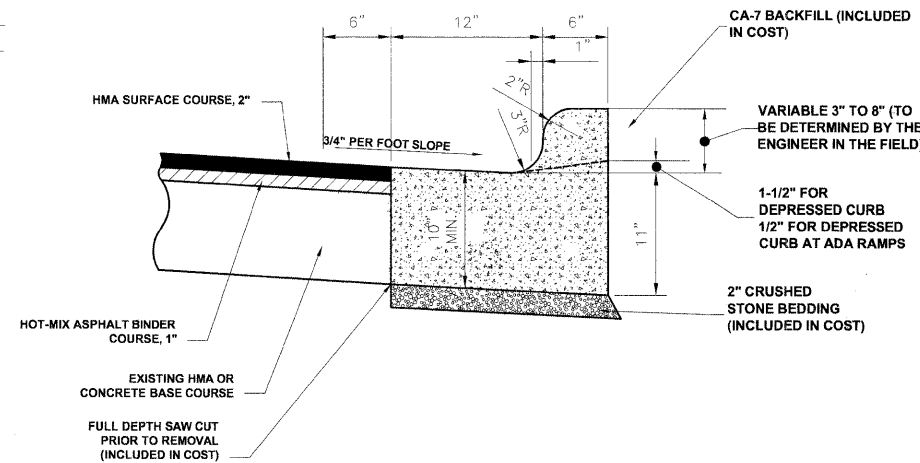
NOTE: COMPOSITE PAVER TILE USED SHALL BE AS MANUFACTURED BY ADA SOLUTIONS, INC., OR AN APPROVED EQUAL, AS APPROVED BY THE ENGINEER.



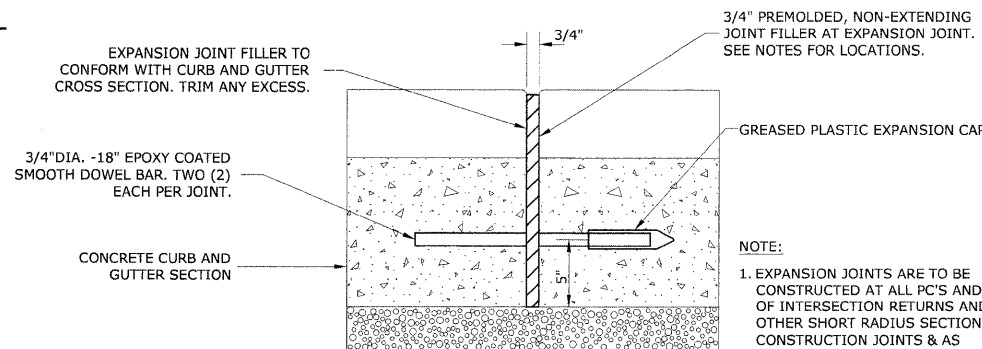
CAST-IN-PLACE COMPOSITE PAVER TILE FOR DETECTABLE WARNING



DRIVEWAY DETAIL



COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 (SPECIAL)



TYPICAL CURB AND GUTTER EXPANSION JOINT

Drawing file: \\K:\Projects\60090001 - Broadway Ave Reconstruction\DETAILS.dwg Mar 29, 2010 - 11:25am



903 Riverside Road
Woodstock, IL 60090-2786
Phone: 708/855-8200
Fax: 708/855-8202

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

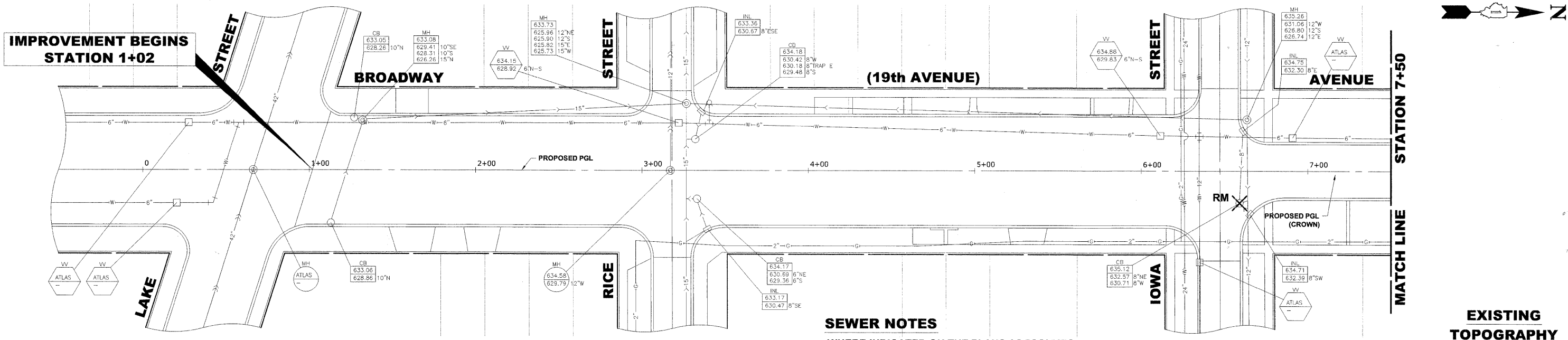
ROADWAY DETAILS

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

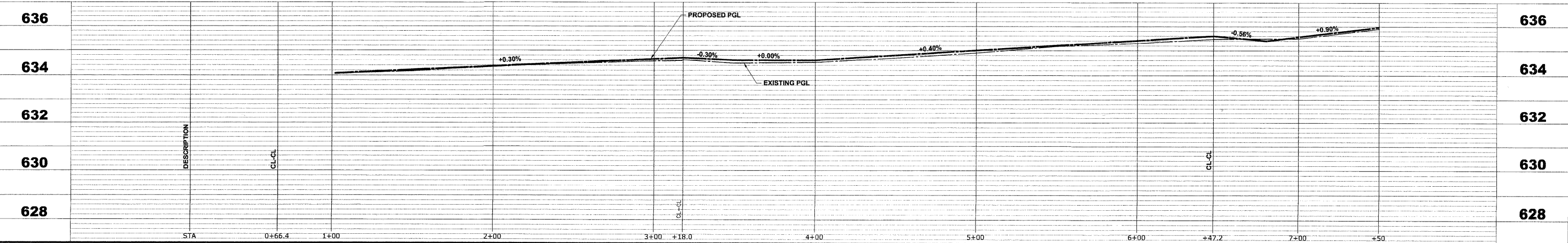
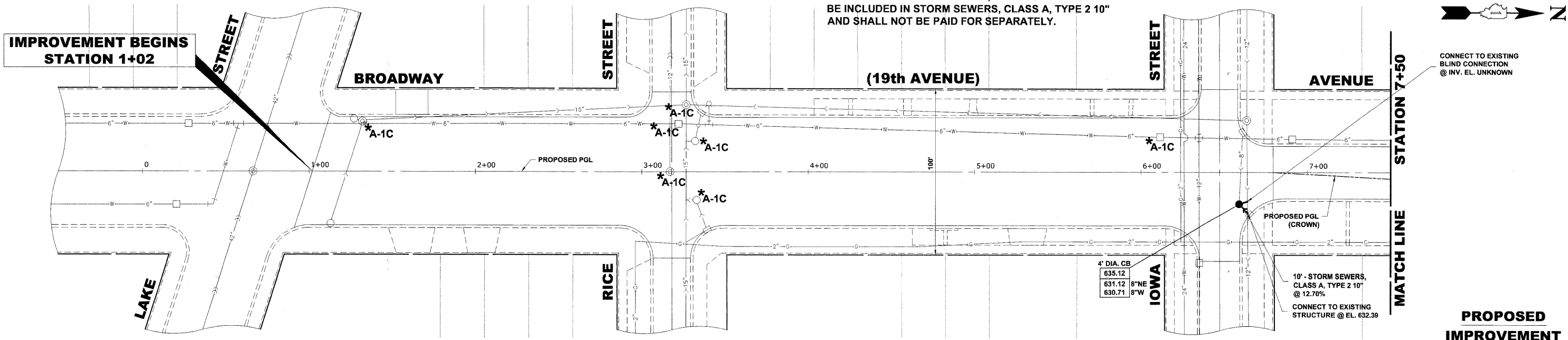
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-PP	COOK	33	15
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

E.H.E. PROJECT NO. 600-09-00101

Drawing File: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY AVE\BROADWAY AVE.dwg Apr 20, 2010 - 1:35pm



SEWER NOTES
 WHERE INDICATED ON THE PLANS AS "CONNECT TO EXISTING STRUCTURE" OR "CONNECT TO EXISTING BLIND CONNECTION", THE COST SHALL BE INCLUDED IN STORM SEWERS, CLASS A, TYPE 2 10" AND SHALL NOT BE PAID FOR SEPARATELY.



HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

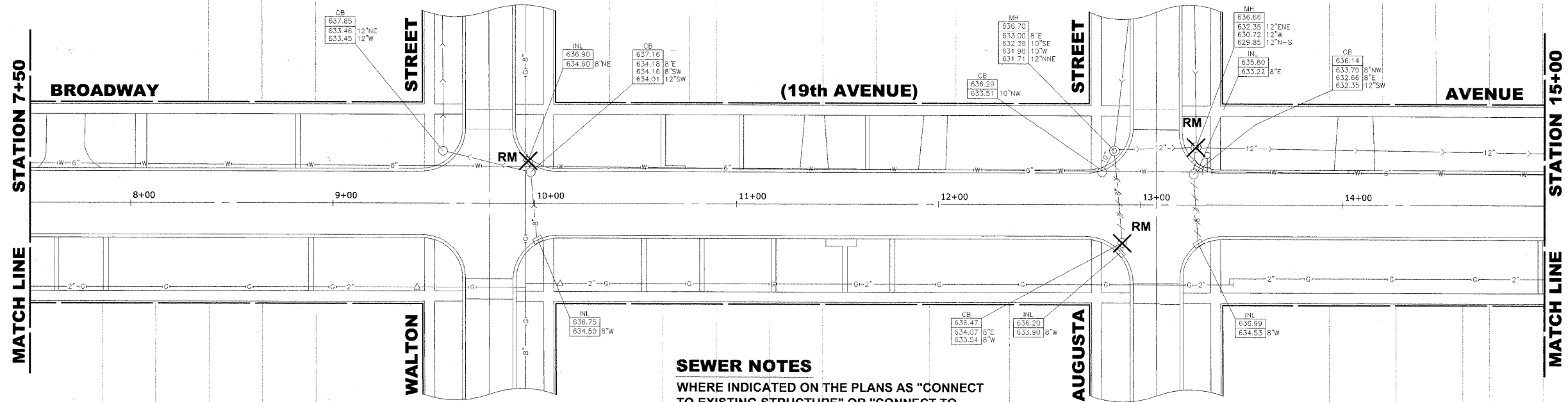
USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BROADWAY AVENUE (19th AVENUE)
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

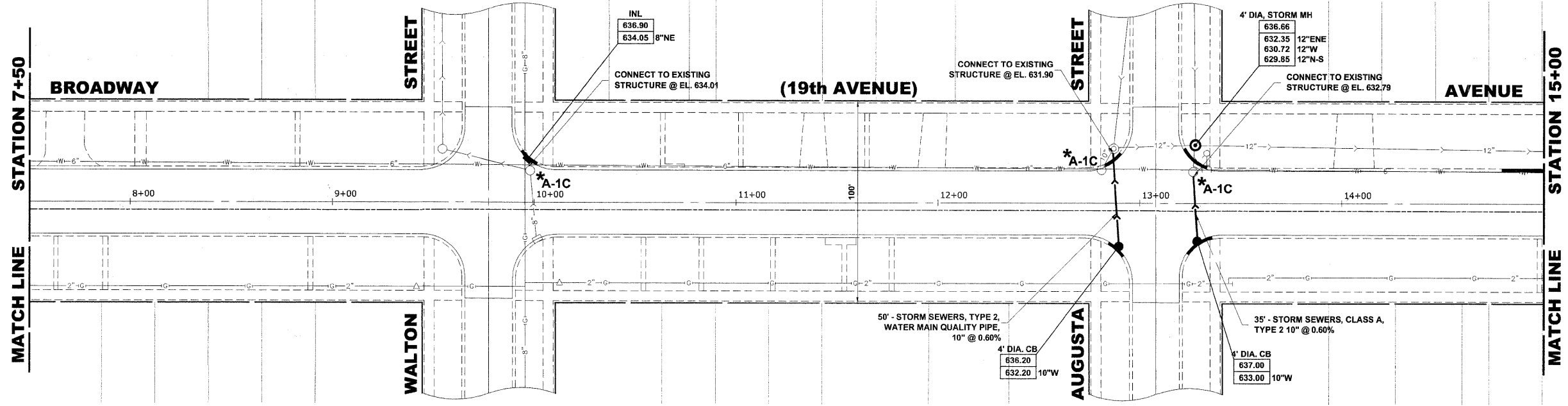
SCALE: 1"=30'H. & 1"=2'V. SHEET NO. 1 OF 4 SHEETS STA. 1+02 TO STA. 7+50

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	16
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
E.H.E. PROJECT NO. 600-09-00101				

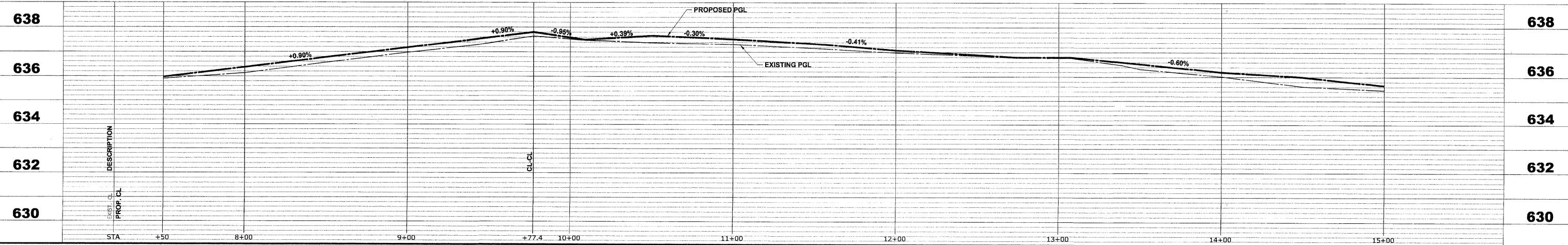


EXISTING TOPOGRAPHY

SEWER NOTES
 WHERE INDICATED ON THE PLANS AS "CONNECT TO EXISTING STRUCTURE" OR "CONNECT TO EXISTING BLIND CONNECTION", THE COST SHALL BE INCLUDED IN STORM SEWERS, CLASS A, TYPE 2 10" AND SHALL NOT BE PAID FOR SEPARATELY.



PROPOSED IMPROVEMENT



Drawing File: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY AVE\BROADWAY AVE.dwg Apr 19, 2010 - 11:24am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

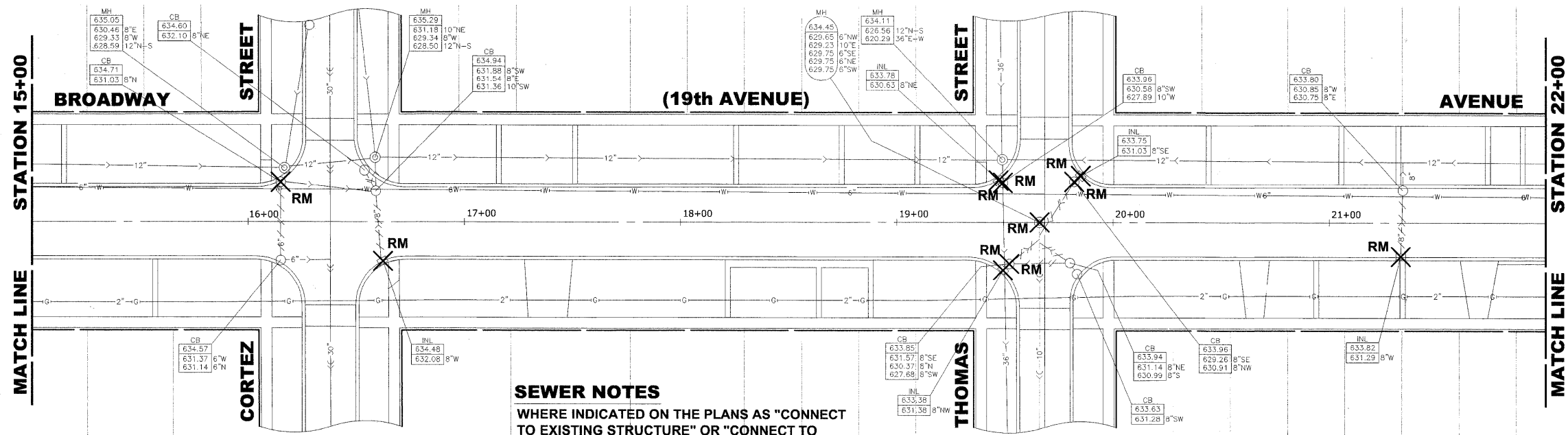
USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BROADWAY AVENUE (19th AVENUE)
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

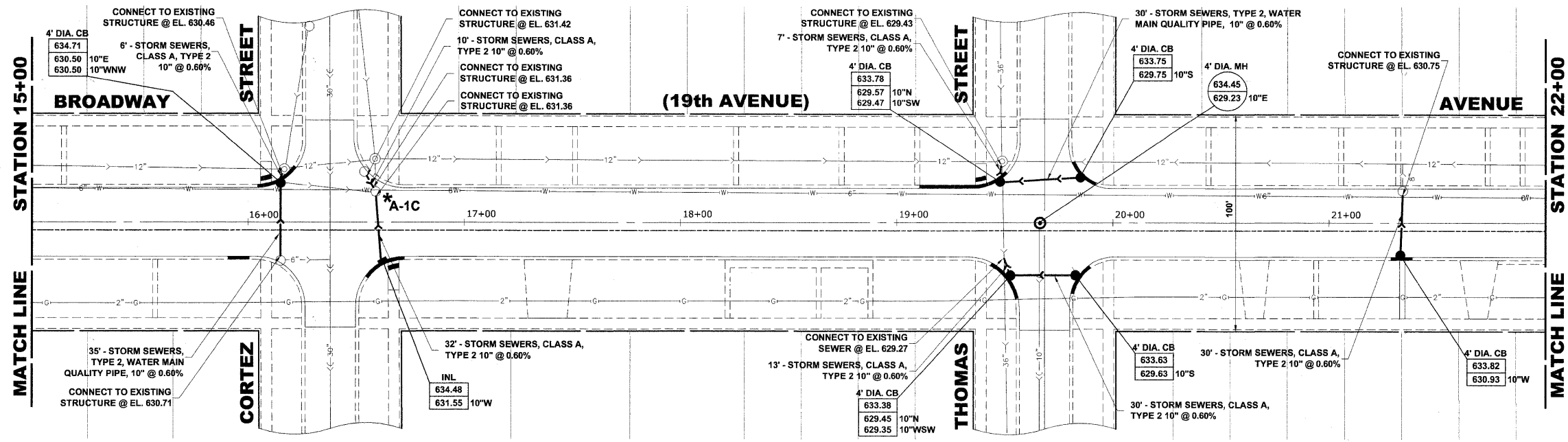
SCALE: 1"=30'H. & 1"=2'V. SHEET NO. 2 OF 4 SHEETS STA. 7+50 TO STA. 15+00

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 17
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				
E.H.E. PROJECT NO. 600-09-00101				

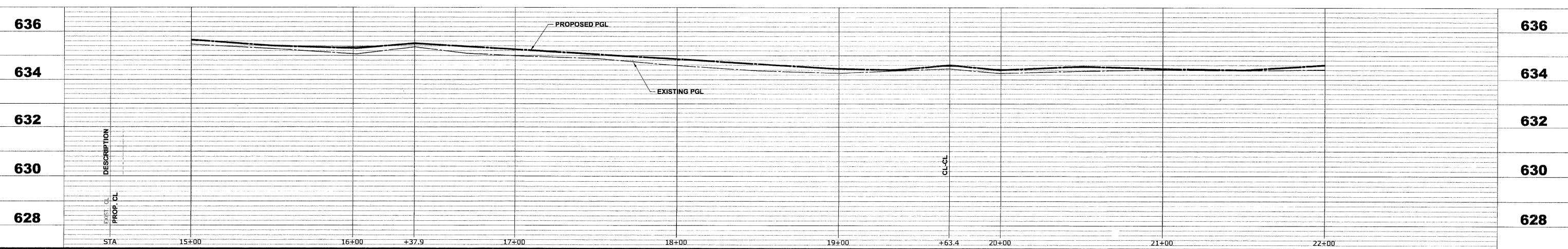


SEWER NOTES
 WHERE INDICATED ON THE PLANS AS "CONNECT TO EXISTING STRUCTURE" OR "CONNECT TO EXISTING BLIND CONNECTION", THE COST SHALL BE INCLUDED IN STORM SEWERS, CLASS A, TYPE 2 10" AND SHALL NOT BE PAID FOR SEPARATELY.

EXISTING TOPOGRAPHY



PROPOSED IMPROVEMENT



Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY AVE\BROADWAY AVE.dwg Apr 19, 2010 - 11:47am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

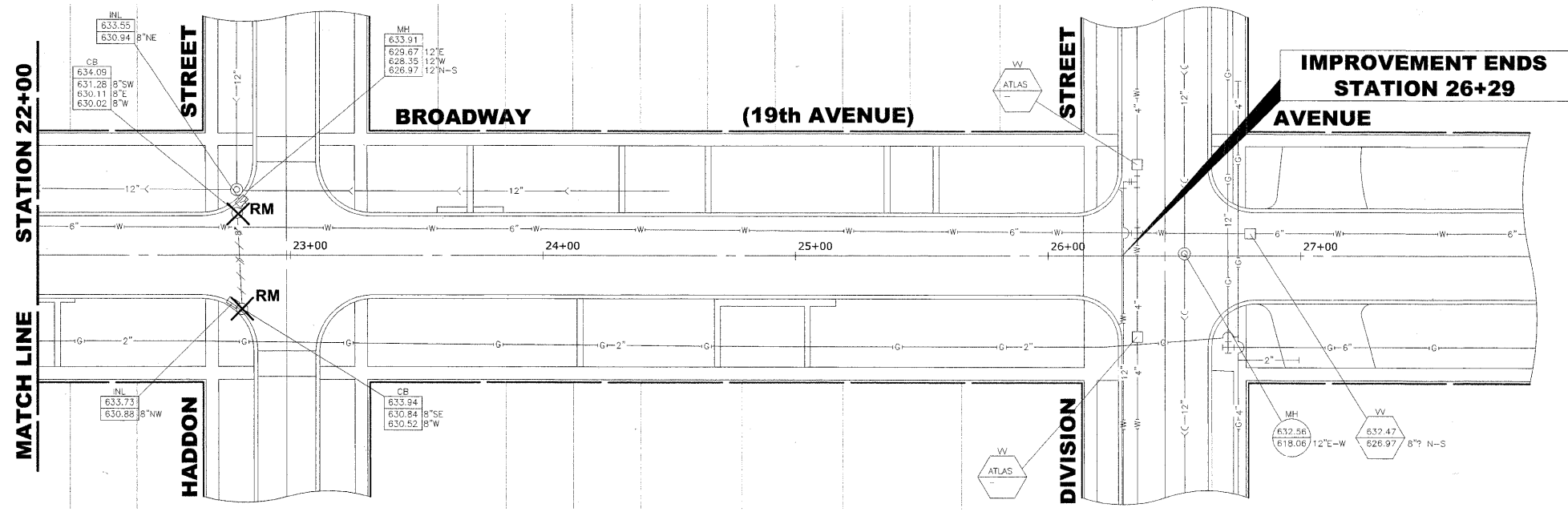
USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

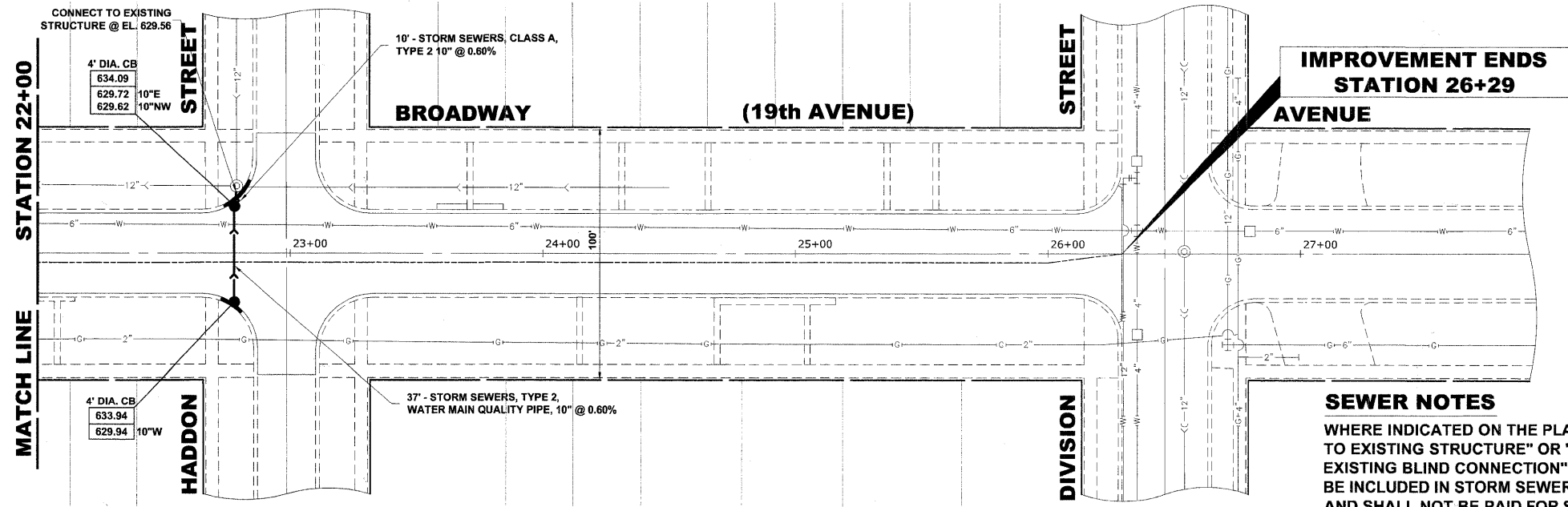
**BROADWAY AVENUE (19th AVENUE)
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=30'H. & 1"=2'V. SHEET NO. 3 OF 4 SHEETS STA. 15+00 TO STA. 22+00

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 18
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				
E.H.E. PROJECT NO. 600-09-00101				

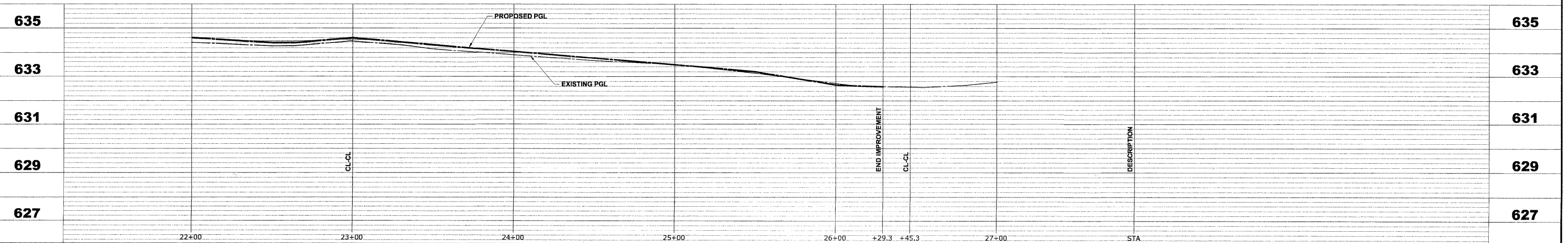


EXISTING TOPOGRAPHY



SEWER NOTES
 WHERE INDICATED ON THE PLANS AS "CONNECT TO EXISTING STRUCTURE" OR "CONNECT TO EXISTING BLIND CONNECTION", THE COST SHALL BE INCLUDED IN STORM SEWERS, CLASS A, TYPE 2 10" AND SHALL NOT BE PAID FOR SEPARATELY.

PROPOSED IMPROVEMENT



C:\drawing\file\w\Projects\60090001 - Broadway Ave Reconstruction\BROADWAY AVE_BROADWAY AVE.dwg Apr 19, 2010 - 11:57am

HANCOCK ENGINEERING
 CH2M ENGINEERS
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

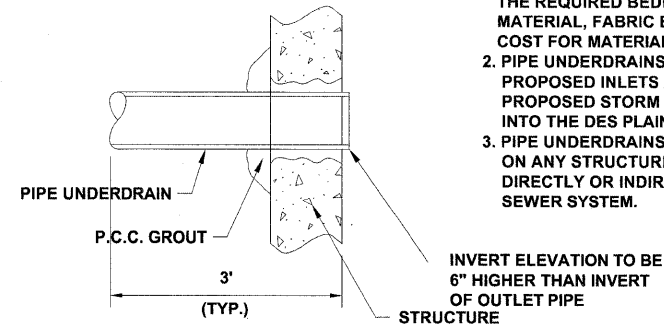
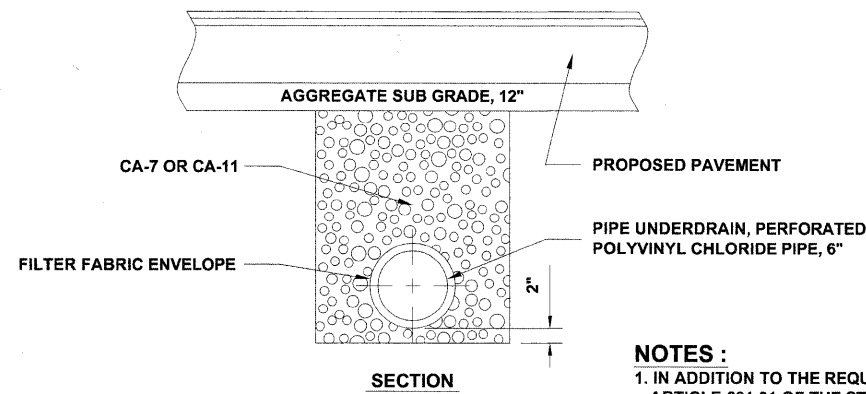
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BROADWAY AVENUE (19th AVENUE)
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=30'H. & 1"=2'V. SHEET NO. 4 OF 4 SHEETS STA. 22+00 TO STA. 26+29

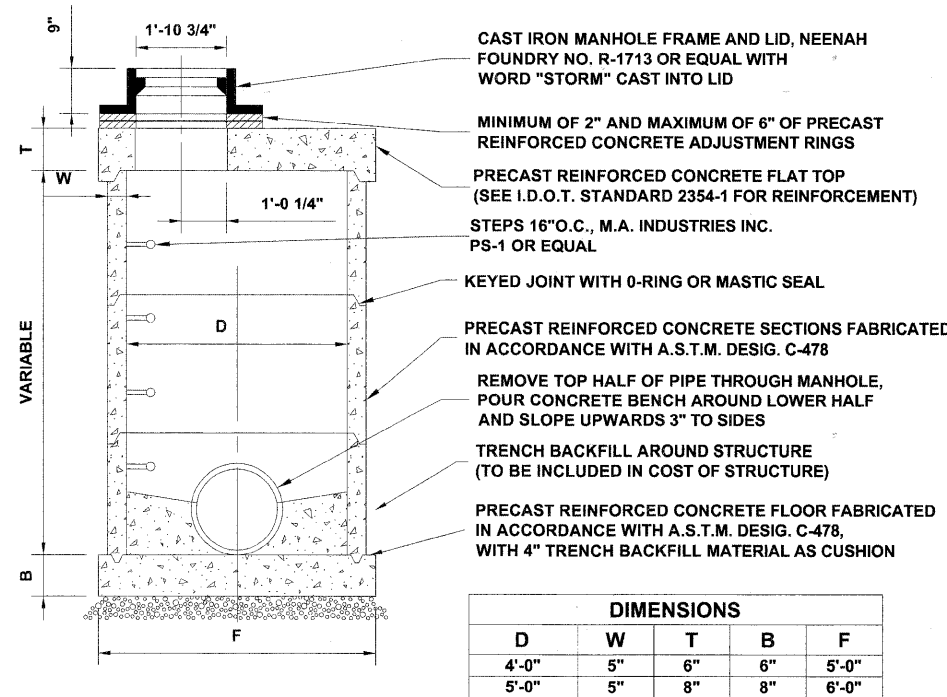
ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 19
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (S16)				

E.H.E. PROJECT NO. 600-09-00101



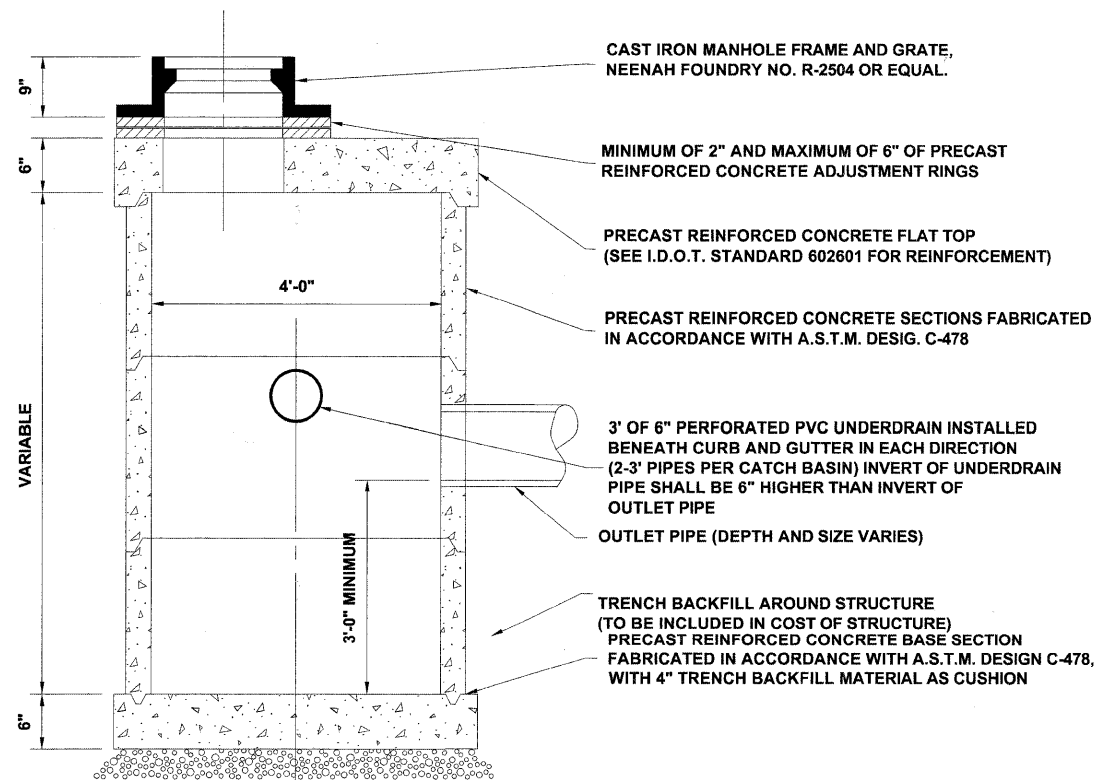
PIPE UNDERDRAIN DETAIL

- NOTES :**
1. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 601.01 OF THE STANDARD SPECIFICATIONS, THE PIPE UNDERDRAINS, PERFORATED PVC PIPE 6" SHALL INCLUDE THE COST FOR FURNISHING AND PLACING THE REQUIRED BEDDING AND BACKFILL MATERIAL, FABRIC ENVELOPE, AND THE COST FOR MATERIALS.
 2. PIPE UNDERDRAINS TO BE INSTALLED ON ALL PROPOSED INLETS AND CATCH BASINS. THE PROPOSED STORM SEWER DISCHARGES INTO THE DES PLAINS RIVER.
 3. PIPE UNDERDRAINS SHALL NOT BE INSTALLED ON ANY STRUCTURE THAT IS CONNECTED DIRECTLY OR INDIRECTLY TO THE COMBINED SEWER SYSTEM.

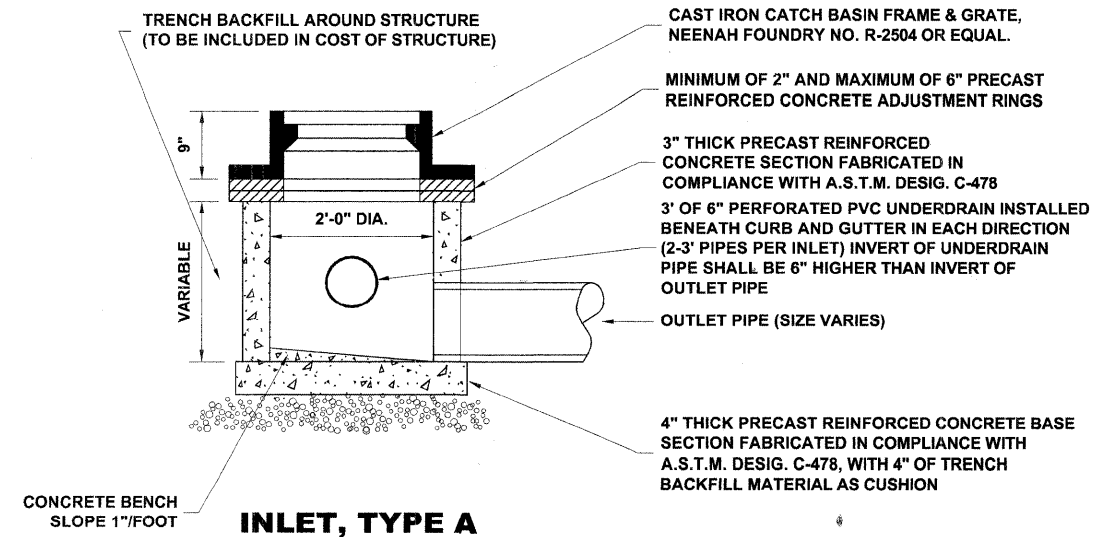


DIMENSIONS				
D	W	T	B	F
4'-0"	5"	6"	6"	5'-0"
5'-0"	5"	8"	8"	6'-0"

RESTRICTED DEPTH MANHOLE



RESTRICTED DEPTH CATCH BASIN



INLET, TYPE A

Drawing File: W:\Projects\60009001 - Broadway Ave Reconstruction\DETAILS.dwg Apr 19, 2010 - 11:16am



933 Riverside Road
Westborough, Illinois 60591-3700
Phone: 781.363.0300
Fax: 781.363.1212

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES DETAILS

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	20
FIELD BOOK NO. 1588/AERIALS/LL			CONTRACT NO. 63455	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

E.H.E. PROJECT NO. 600-09-00101

M.W.R.D.G.C. GENERAL NOTES

1. THE MWRDGC LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK AT (708) 588-4055.
2. ELEVATION DATUM IS U.S.G.S.
3. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
4. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE INTO THE STORM SEWER SYSTEM.
5. ALL PVC STORM, COMBINED, AND SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ASTM D-3139, AND THE PIPE SHALL CONFORM TO ASTM D-2241. ALL PVC SEWER PIPE SHALL BE SDR 26. ALL RCCP SEWER TO MEET ASTM C-76 AND JOINTS SHALL CONFORM TO ASTM C-443.
6. ALL SANITARY SEWER CONSTRUCTION, AND ALSO STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS, REQUIRES STONE BEDDING 1/2" TO 1" IN SIZE, WITH A MINIMUM THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR INCHES (4") NOR MORE THAN EIGHT INCHES (8"). MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC PIPE.
7. "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPE OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - 1) CIRCULAR SAW-CUT OF SEWER MAIN BY MECHANICAL CORING MACHINE, AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - 2) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION. AFTER THE WYE OR TEE BRANCH IS INSERTED, CONCRETE SHALL BE PLACED OVER THE BROKEN AREA TO A MINIMUM THICKNESS OF 4" AND TO A DIMENSION OF 8" IN ALL DIRECTIONS.
 - 3) USING PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING. USE "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION.
9. WHEREVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/ COMBINED SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
10. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
11. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
12. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FOOT LONG, NON-SHRINK CONCRETE/MORTAR PLUG.
13. ALL INLET AND OUTLET PIPES OF SANITARY SEWER MANHOLES AND OTHER UNDERGROUND STRUCTURES (IN COMBINED SEWER AREAS, ALSO INCLUDED ARE ALL COMBINED/STORM SEWER MANHOLES, CATCH BASINS, INLETS, AND UNDERGROUND DETENTION STORAGE STRUCTURES) SHALL BE JOINED WITH WATERTIGHT FLEXIBLE RUBBER CONNECTORS CONFORMING TO ASTM C-443 AND C-923 WITH STAINLESS STEEL BAND.

DRAINAGE AND UTILITIES NOTES

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, COMBINED SEWERS, TELEPHONE LINES, COMMUNICATION LINES, ELECTRIC LINES, GAS MAINS, AND WATER SERVICES ARE APPROXIMATE AND THEIR SPECIFIC LOCATIONS ARE TO BE DETERMINED IN THE FIELD AT NO COMPENSATION TO THE CONTRACTOR.

COORDINATION OF ALL UTILITY WORK INVOLVED WITHIN THE CONSTRUCTION AREAS SHALL BE SUBJECT TO DISCUSSION AND CLARIFICATION AT A PRECONSTRUCTION MEETING.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINAGE STRUCTURES OR SEWERS UNTIL PERMANENT CONNECTIONS TO SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS.

WHEN, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIALS ARE DEPOSITED IN THE FLOW LINES OF GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE OBSTRUCTING MATERIALS SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES ARE TO BE FREE OF ALL DIRT, DEBRIS, AND OBSTRUCTING MATERIALS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS.

ALL COSTS INVOLVED IN CONNECTING OF PROPOSED STORM SEWERS OR STORM STRUCTURES TO EXISTING STORM SEWERS OR STORM STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE PROPOSED SEWER ITEMS BEING CONSTRUCTED.

THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.

ON ALL IMPROVEMENTS, THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MELROSE PARK AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE OF MELROSE PARK PUBLIC WORKS YARD LOCATED AT 1002 N. 27th AVENUE.

ANY COSTS FOR SHEETING OR SHORING REQUIRED FOR THE STORM SEWER INSTALLATION OR OTHER CONSTRUCTION ELEMENTS REQUIRING RELATIVELY DEEP EXCAVATIONS SHALL BE INCLUDED IN THE PARTICULAR PAYMENT ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY SUPPLEMENTAL WORK ASSOCIATED WITH THE MAINTENANCE OF TRENCH SIDES OR OTHER EXCAVATED AREAS.

UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FOOT LONG, NON-SHRINK CONCRETE/MORTAR PLUG. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OF STRUCTURES.

SEWER PIPE INSTALLED ON THIS PROJECT SHALL CONFORM TO MWRD STANDARDS.

FINAL ADJUSTMENT OF ALL STRUCTURES IN THE PAVEMENT, INCLUDING THOSE IN THE PROPOSED BASE COURSE, SHALL NOT BE COMPLETED UNTIL AFTER THE PLACEMENT OF THE HOT-MIX ASPHALT BINDER COURSE.

A 3 FOOT PIECE OF PIPE UNDERDRAIN SHALL BE INSTALLED IN EACH DIRECTION PARALLEL TO THE CURB AND GUTTER AT EACH DRAINAGE STRUCTURE.

FLEXIBLE CONNECTORS SHALL BE USED WHEE NEW SEWER PIPES ARE TO BE CONNECTED TO EXISTING SEWER PIPES. THE FLEXIBLE CONNECTORS SHALL CONSIST OF A SYNTHETIC RUBBER SLEEVE, WHICH WILL RESIST DETERIORATION CAUSED BY WASTES FOUND IN SEWERS AND TWO STAINLESS STEEL STRAPS. THE CONNECTORS SHALL BE "MISSION" COUPLINGS, "FERNCO" COUPLINGS, OR EQUAL. ALL LABOR AND MATERIAL REQUIRED TO CONNECT NEW SEWER PIPE TO EXISTING SEWER PIPE SHALL BE CONSIDERED INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS.

THE PAY ITEM STRUCTURES TO BE REMOVED SHALL INCLUDE THE REMOVAL OF EXISTING STRUCTURES AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER. INCLUDED IN THIS ITEM IS THE REMOVAL OF EXISTING INLETS, CATCH BASINS, OR MANHOLES. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 605 EXCEPT THAT THE BACKFILL USED SHALL BE CRUSHED STONE, GRADATION CA-6. MAXIMUM COMPACTION MUST BE OBTAINED BY METHOD 1 (MECHANICAL COMPACTION) AS DESCRIBED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

THE USE OF CRUSHED CONCRETE WILL NOT BE PERMITTED. THE TRENCH BACKFILL MUST BE APPROVED BY THE ENGINEER.

Drawing file: W:\Projects\60000001 - Broadway Ave Reconstruction\DETAILS.dwg Apr 19, 2010 - 11:18am



USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

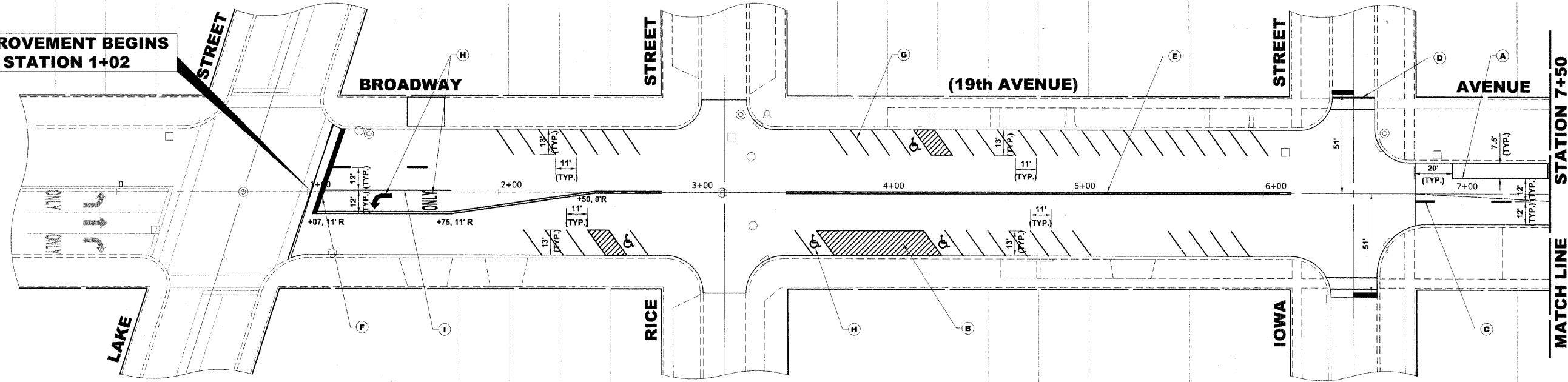
DRAINAGE AND UTILITIES DETAILS

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-PP	COOK	33	21
FIELD BOOK NO. 1588/AERIALS/LL			CONTRACT NO. 63455	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

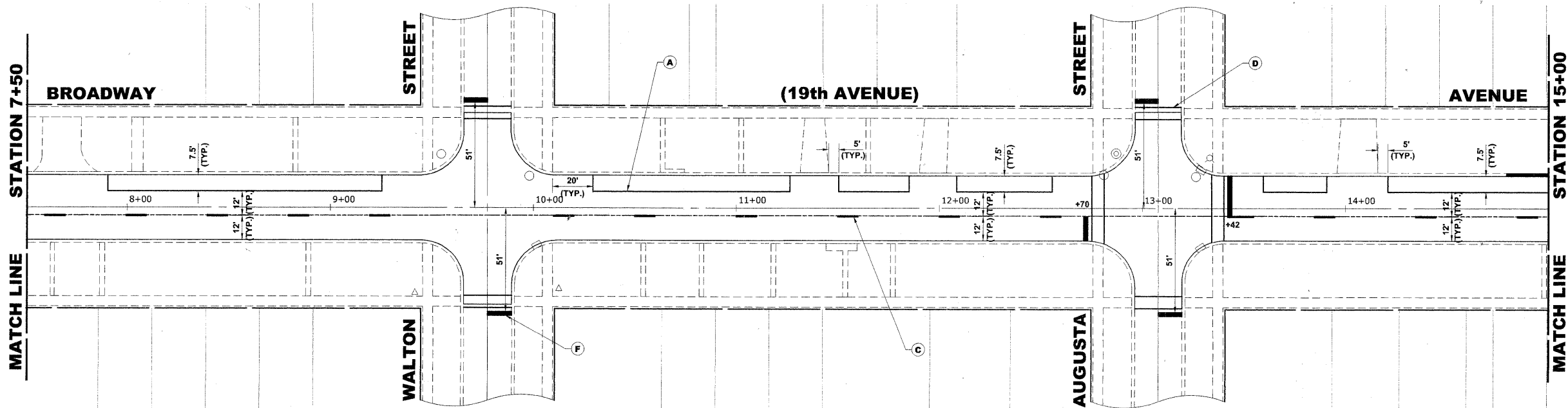
E.H.E. PROJECT NO. 600-09-00101

IMPROVEMENT BEGINS
STATION 1+02



PAVEMENT MARKINGS LEGEND

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING - LINE 4", PARKING LANE LINE, WHITE	A
THERMOPLASTIC PAVEMENT MARKING - LINE 4", NO PARKING AREA, YELLOW	B
THERMOPLASTIC PAVEMENT MARKING - LINE 4", PAVEMENT CENTERLINE SKIP DASH, YELLOW	C
THERMOPLASTIC PAVEMENT MARKING - LINE 6", CROSS WALK, WHITE	D
THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE @ 11" C-C, YELLOW	E
THERMOPLASTIC PAVEMENT MARKING - LINE 24", STOP BAR, WHITE	F
THERMOPLASTIC PAVEMENT MARKING - LINE 4", PARKING STALL LINE, YELLOW	G
THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS, HANDICAP SYMBOL, YELLOW	H
THERMOPLASTIC PAVEMENT MARKING - LINE 6", TURN LANE, WHITE	I



Drawing file: W:\Projects\600090001 - Broadway Ave Reconstruction\BROADWAY MISC.dwg Mar 29, 2010 - 11:35am

HANCOCK
ENGINEERING
Civil Engineers
Municipal Consultants
Established 1911

9931 Riverwood Blvd
Woodstock, IL 60095-2786
Phone: 815/461-0100
Fax: 815/461-0102

USER NAME -
DESIGNED - WOP
DRAWN - MK/LEV/DMM
CHECKED - WOP
PLOT DATE -

DATE - 3-29-10

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

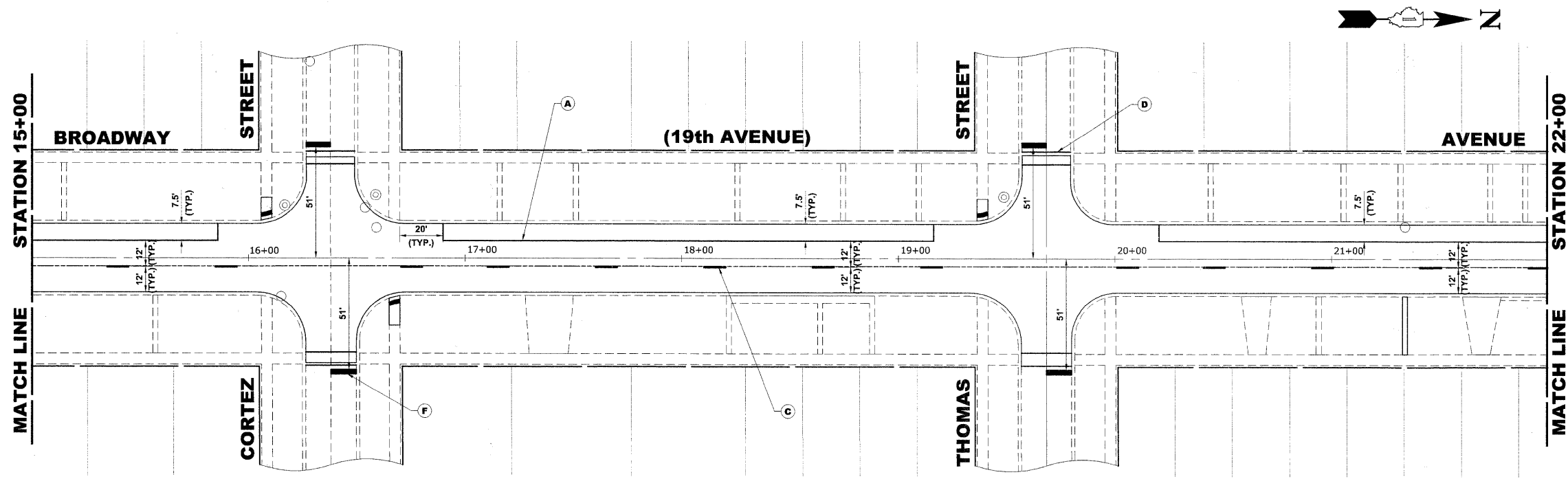
SCALE: 1" = 30'

SHEET NO. 1 OF 2 SHEETS

STA. 1+02 TO STA. 15+00

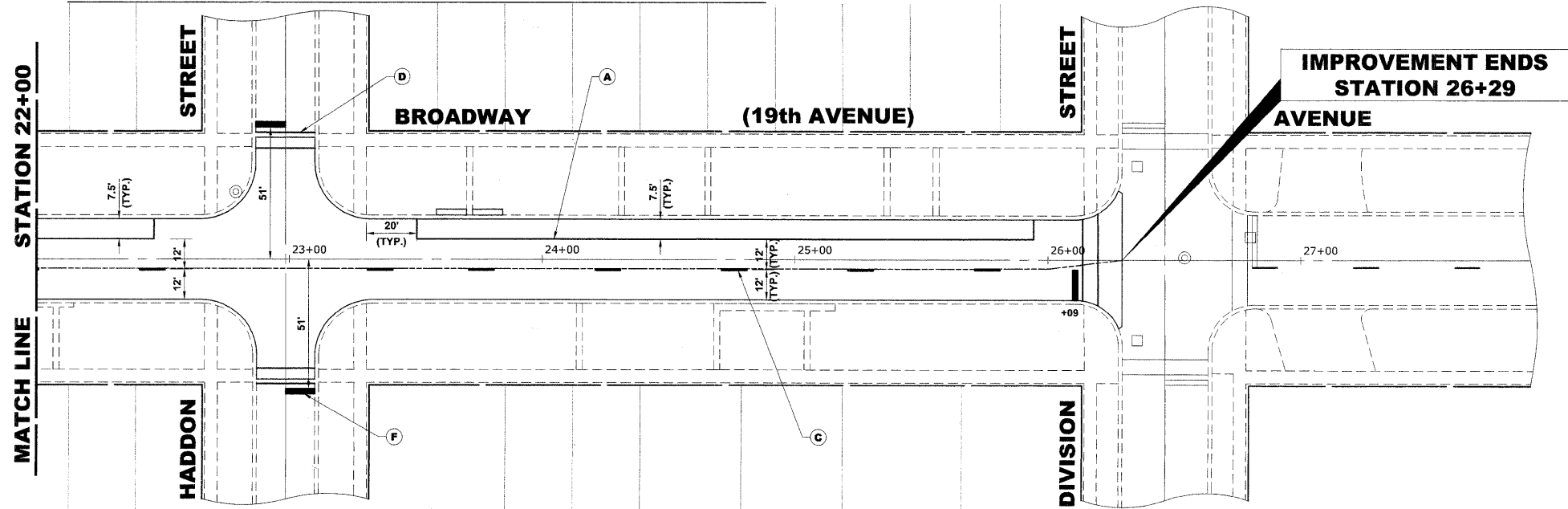
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	22
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

E.H.E. PROJECT NO. 600-09-00101



PAVEMENT MARKINGS LEGEND

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING - LINE 4", PARKING LANE LINE, WHITE	A
THERMOPLASTIC PAVEMENT MARKING - LINE 4", NO PARKING AREA, YELLOW	B
THERMOPLASTIC PAVEMENT MARKING - LINE 4", PAVEMENT CENTERLINE SKIP DASH, YELLOW	C
THERMOPLASTIC PAVEMENT MARKING - LINE 6", CROSS WALK, WHITE	D
THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE @ 11" C-C, YELLOW	E
THERMOPLASTIC PAVEMENT MARKING - LINE 24", STOP BAR, WHITE	F
THERMOPLASTIC PAVEMENT MARKING - LINE 4", PARKING STALL LINE, YELLOW	G
THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS, HANDICAP SYMBOL, YELLOW	H
THERMOPLASTIC PAVEMENT MARKING - LINE 6", TURN LANE, WHITE	I



Drawing File: W:\Projects\60090001 - Broadway Ave Reconstruction\BROADWAY_MSC.dwg Mar 29, 2010 11:35am

HANCOCK ENGINEERING
 403 Riverside Blvd
 Wheeling, IL 60090-2788
 Phone: 708/465-8300
 Fax: 708/465-8322
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

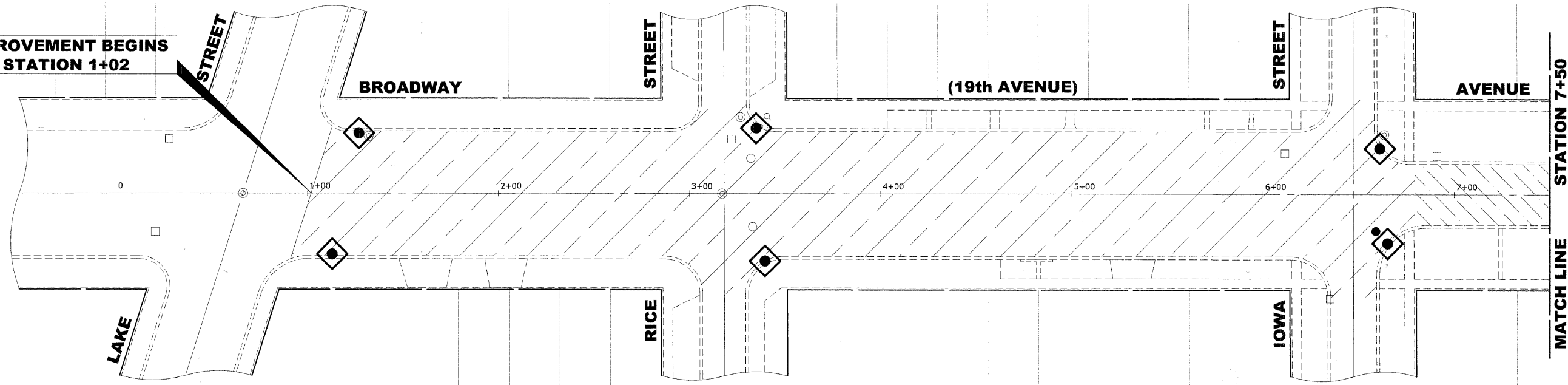
PAVEMENT MARKING PLAN

SCALE: 1" = 30' SHEET NO. 2 OF 2 SHEETS STA. 15+00 TO STA. 26+29

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 23
FIELD BOOK NO. 1588/AERIALS/ILL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

E.H.E. PROJECT NO. 600-09-00101

IMPROVEMENT BEGINS
STATION 1+02



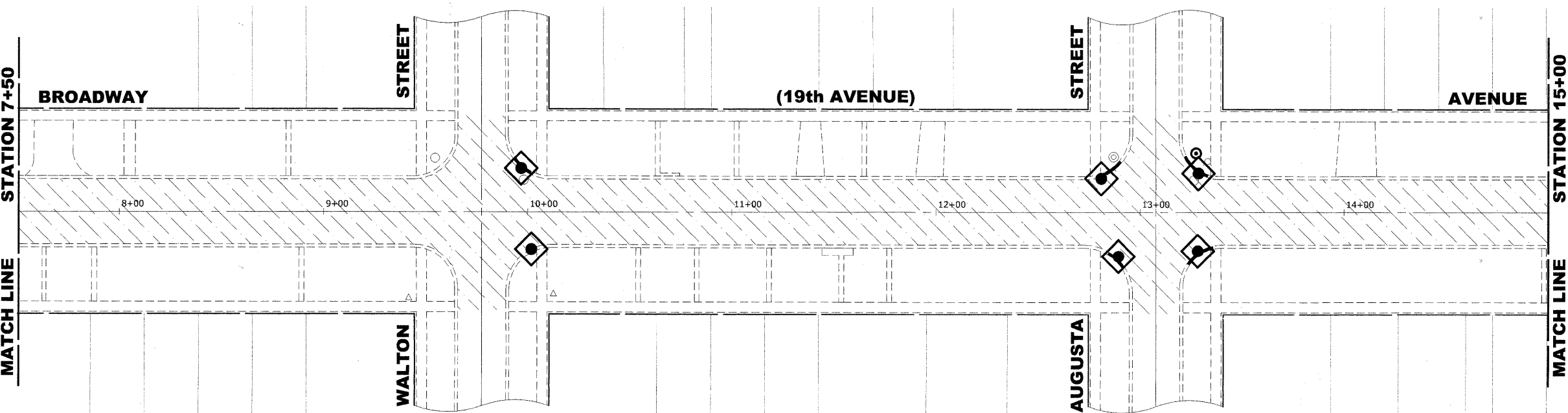
EROSION CONTROL NOTES

- SEE IDOT STANDARD 280001-05 FOR TEMPORARY EROSION CONTROL SYSTEMS.
- THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES REMAIN PROTECTED FROM SEDIMENT DEPOSITION.
- SOIL STOCKPILES SHALL BE PROTECTED WITH PERIMETER EROSION BARRIER OR OTHER EROSION PROTECTION SPECIFIED BY THE RESIDENT ENGINEER. THE COST SHALL BE INCLUDED IN THE UNIT PRICE FOR THE INDIVIDUAL SOIL MATERIALS.
- WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY RUNOFF OR VEHICLE TRACKING ONTO THE PAVED SURFACE. THE PROVISIONS MAY INCLUDE SPRAYING VEHICLE WHEELS TO CLEAR SEDIMENT BEFORE EXITING THE CONSTRUCTION SITE OR OTHER MEASURES APPROVED BY THE ENGINEER.

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
	PROPOSED HOT-MIX ASPHALT AREA, PAVEMENT RECONSTRUCTION
	PROPOSED HOT-MIX ASPHALT AREA, PAVEMENT RESURFACING
	INLET FILTER

MATCH LINE
STATION 7+50



MATCH LINE
STATION 15+00



USER NAME -
DESIGNED - WOP
DRAWN - MK/LEV/DMM
CHECKED - WOP
PLOT DATE -
DATE - 3-29-10

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

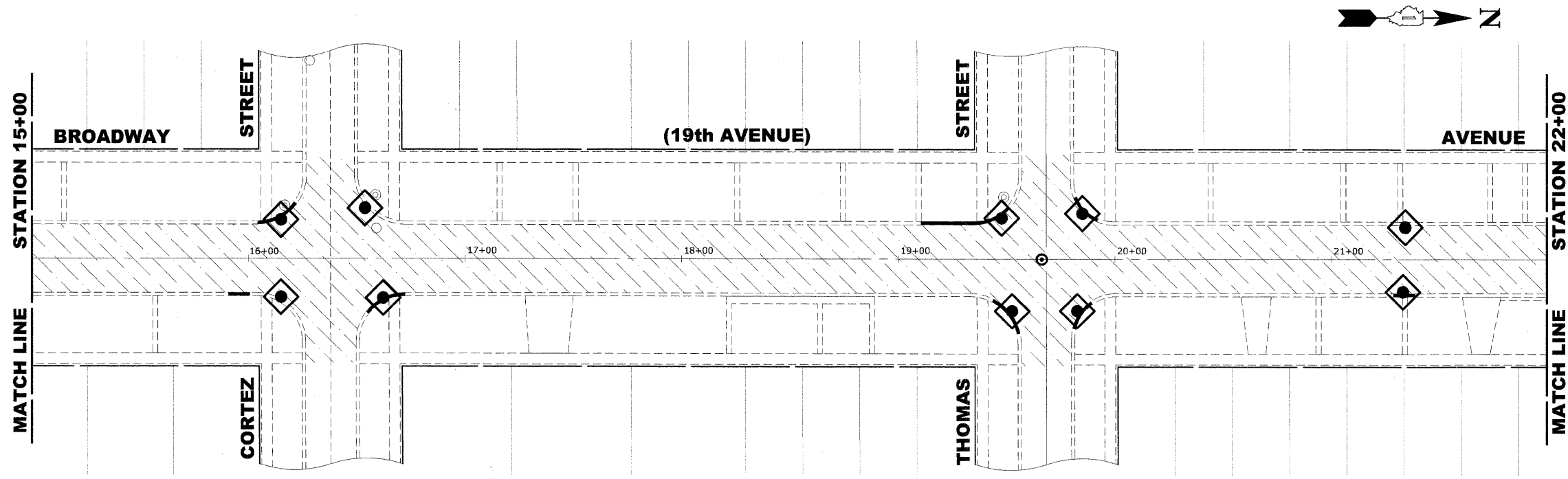
EROSION CONTROL AND ASPHALT PLAN

SCALE: 1" = 30' SHEET NO. 1 OF 2 SHEETS STA. 1+02 TO STA. 15+00

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 24
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		

E.H.E. PROJECT NO. 600-09-00101

Drawing File: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY_MISC.dwg Mar 29, 2010 - 11:36am

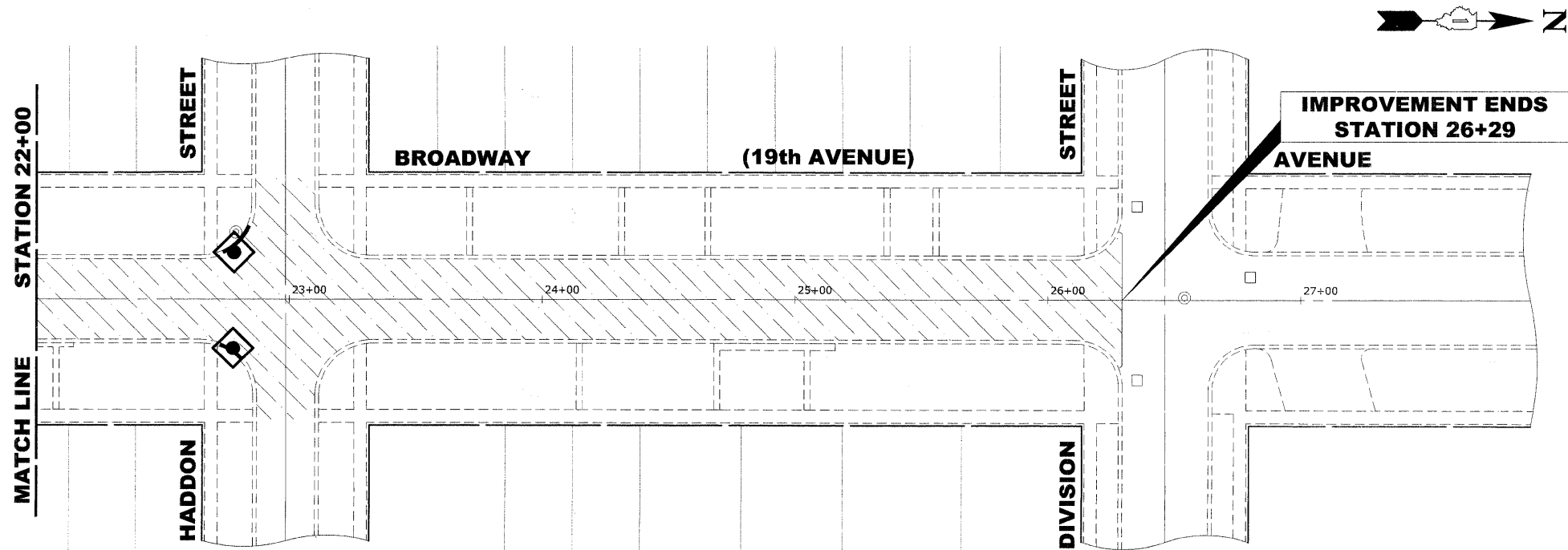


EROSION CONTROL NOTES

1. SEE IDOT STANDARD 280001-05 FOR TEMPORARY EROSION CONTROL SYSTEMS.
2. THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES REMAIN PROTECTED FROM SEDIMENT DEPOSITION.
3. SOIL STOCKPILES SHALL BE PROTECTED WITH PERIMETER EROSION BARRIER OR OTHER EROSION PROTECTION SPECIFIED BY THE RESIDENT ENGINEER. THE COST SHALL BE INCLUDED IN THE UNIT PRICE FOR THE INDIVIDUAL SOIL MATERIALS.
4. WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS. PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY RUNOFF OR VEHICLE TRACKING ONTO THE PAVED SURFACE. THE PROVISIONS MAY INCLUDE SPRAYING VEHICLE WHEELS TO CLEAR SEDIMENT BEFORE EXITING THE CONSTRUCTION SITE OR OTHER MEASURES APPROVED BY THE ENGINEER.

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
	PROPOSED HOT-MIX ASPHALT AREA, PAVEMENT RECONSTRUCTION
	PROPOSED HOT-MIX ASPHALT AREA, PAVEMENT RESURFACING
	INLET FILTER



Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\BROADWAY_MISC.dwg Mar 29, 2010 - 11:36am



9933 Broadway Road
 Webster, Illinois 60594-2700
 Phone: 708.961.8200
 Fax: 708.961.8202

USER NAME -	DESIGNED - WOP	REVISED -
	DRAWN - MK/LEV/DMM	REVISED -
PLOT SCALE -	CHECKED - WOP	REVISED -
PLOT DATE -	DATE - 3-29-10	REVISED -

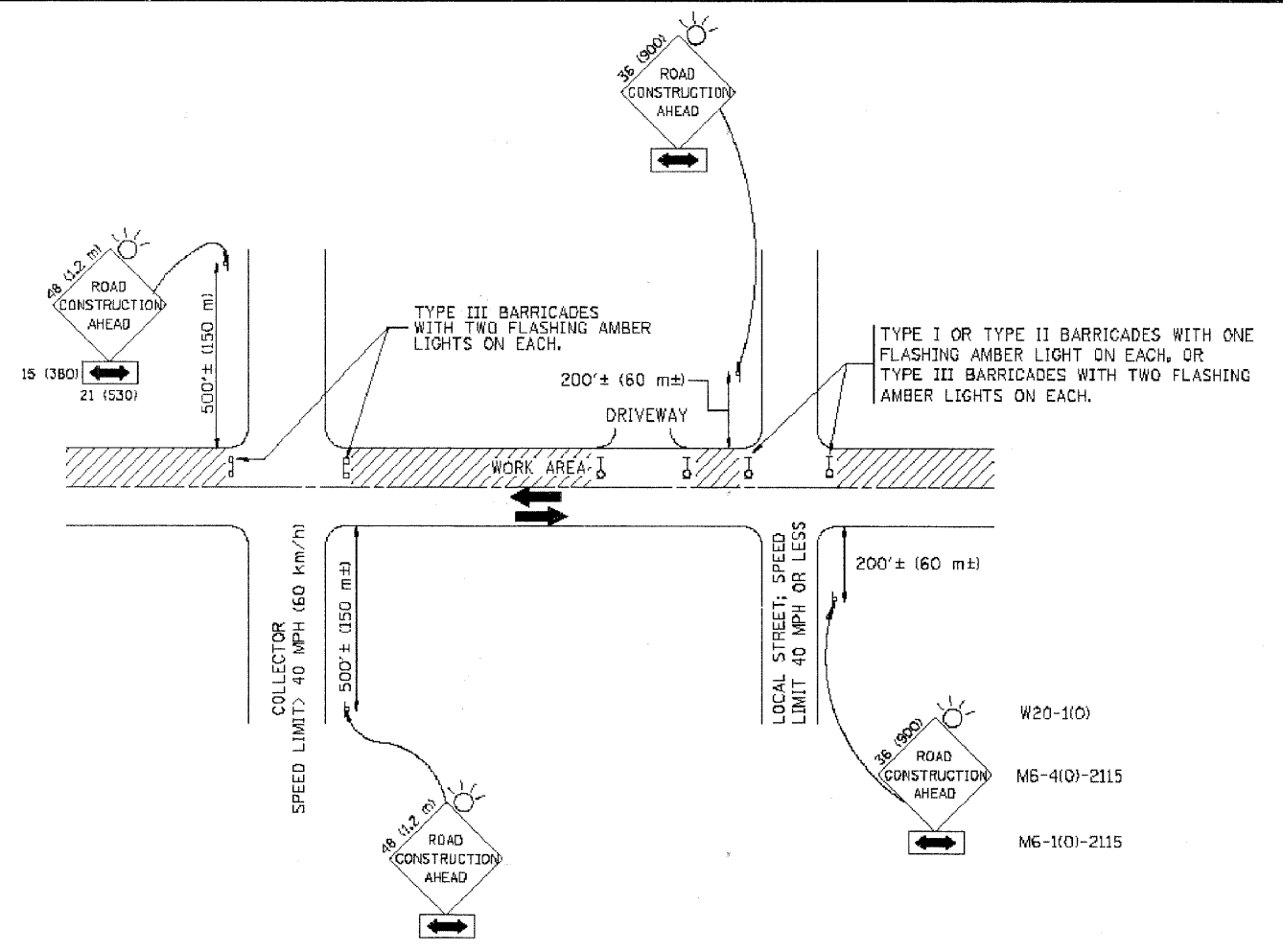
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND ASPHALT PLAN

SCALE: 1" = 30' SHEET NO. 2 OF 2 SHEETS STA. 15+00 TO STA. 26+29

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	25
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

E.H.E. PROJECT NO. 600-09-00101



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\MARKINGS.dwg Mar 12, 2010 - 2:24pm

FILE NAME = W:\Projects\60009001 - Broadway Ave Reconstruction\MARKINGS.dwg	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

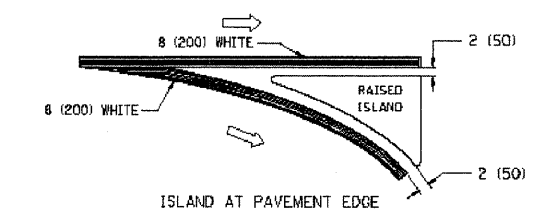
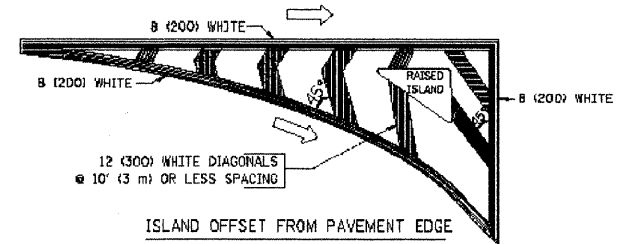
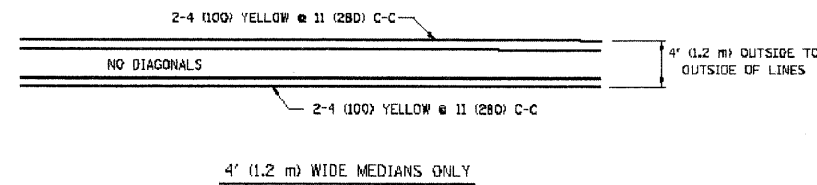
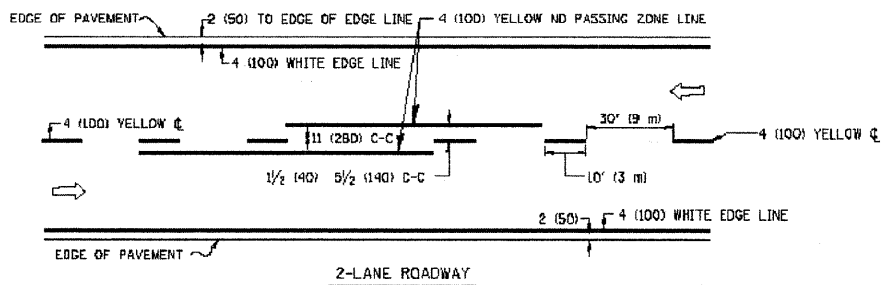
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

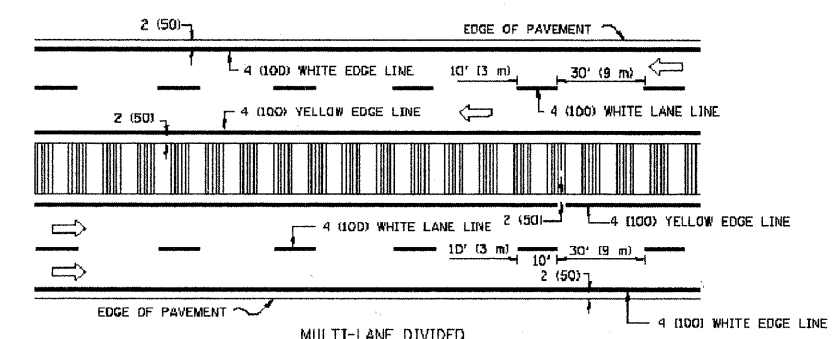
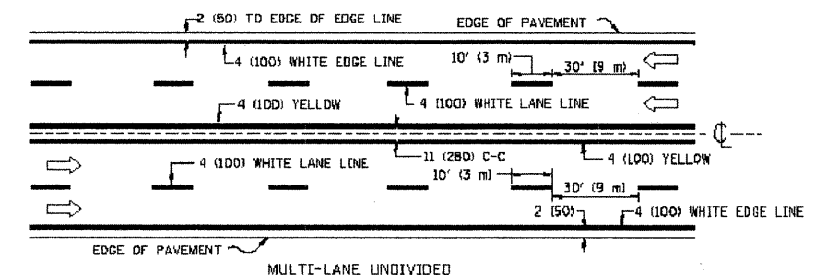
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	26
TC-10			CONTRACT NO. 63455	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-8003 (516)				

E.H.E. PROJECT NO. 600-09-00101

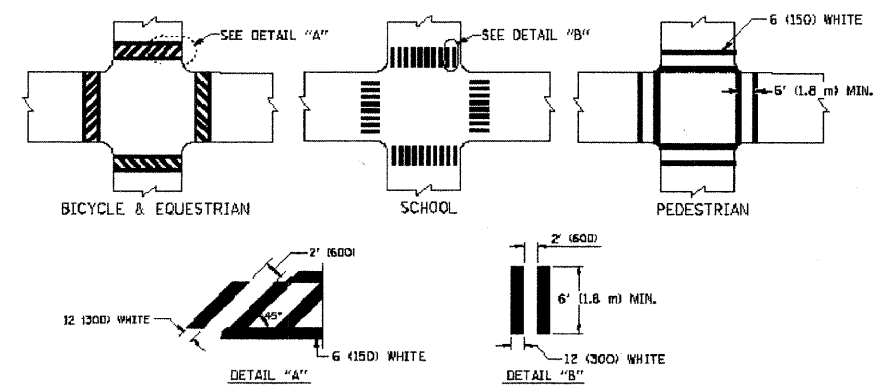


TYPICAL ISLAND MARKING

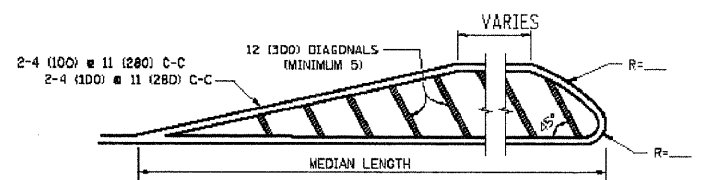


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



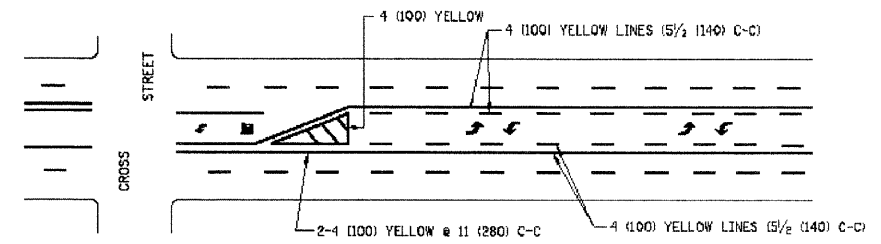
TYPICAL CROSSWALK MARKING



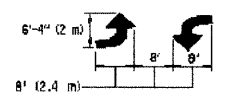
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

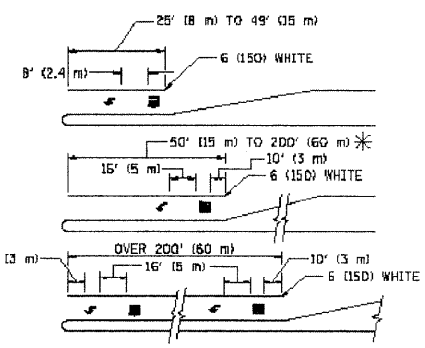


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



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)

* 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

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
ON FREEWAYS	5 (125)	SKIP-DASH	WHITE	
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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	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°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
DDRE 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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 78000L 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 78000L.

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

Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\MARKINGS.dwg Mar 12, 2010 - 2:23pm

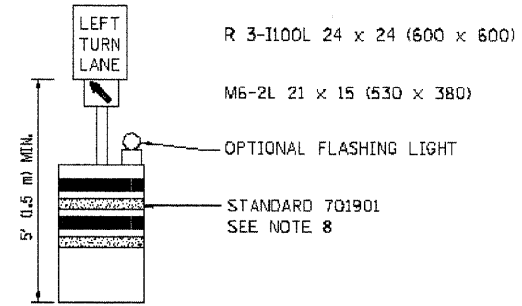
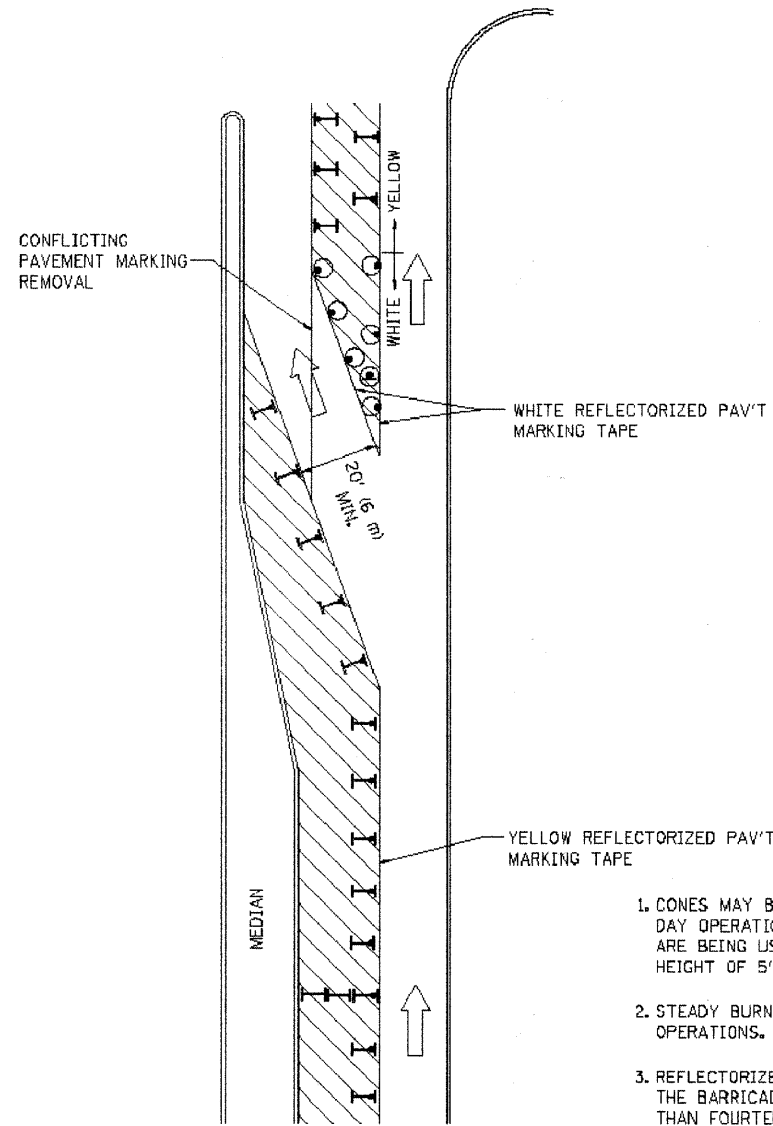
FILE NAME =	USER NAME = drvskaogn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
al:\p\work\ps\dots\drvskaogn\d0108315\to3.dgn		DRAWN -	REVISED -C. JUCIUS 09-09-09
PLOT SCALE = 50,000' / IN.		CHECKED -	REVISED -
PLOT DATE = 9/9/2009		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
240E	09-00114-00-FP	COOK	33	27
TC-18		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-6003 (5116)				

Drawing file: W:\Projects\6009001 - Broadway Ave Reconstruction\MARKINGS.dwg Mar 12, 2010 - 2:22pm



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 OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHR 350 PREUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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

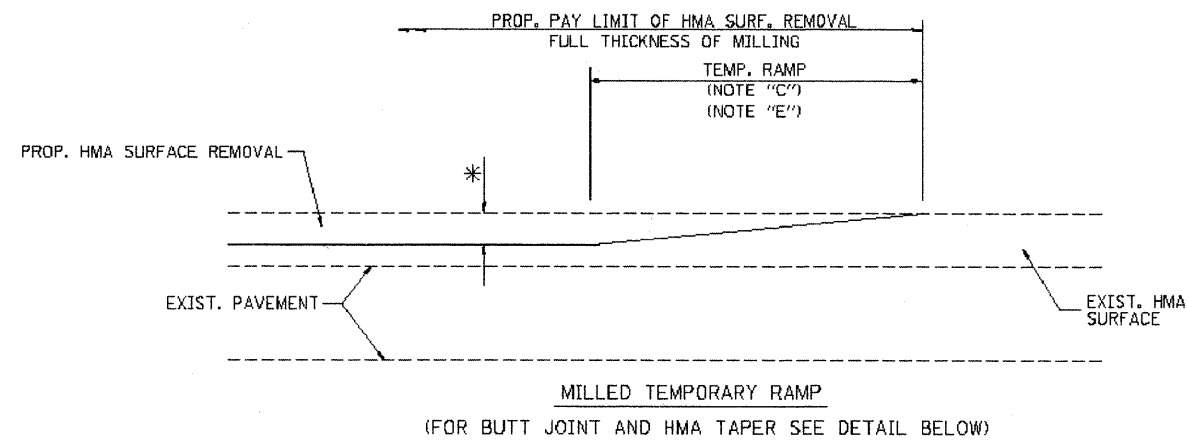
FILE NAME =	USER NAME = drvrskcagn	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
dr:\p\work\PWIDOT\DRIVAKOSGN\0128315\14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
PLOT SCALE = 48.9999 / IN		REVISED - A. HOUSEH 10-12-96	REVISED -
PLOT DATE = 9/14/2009		REVISED - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

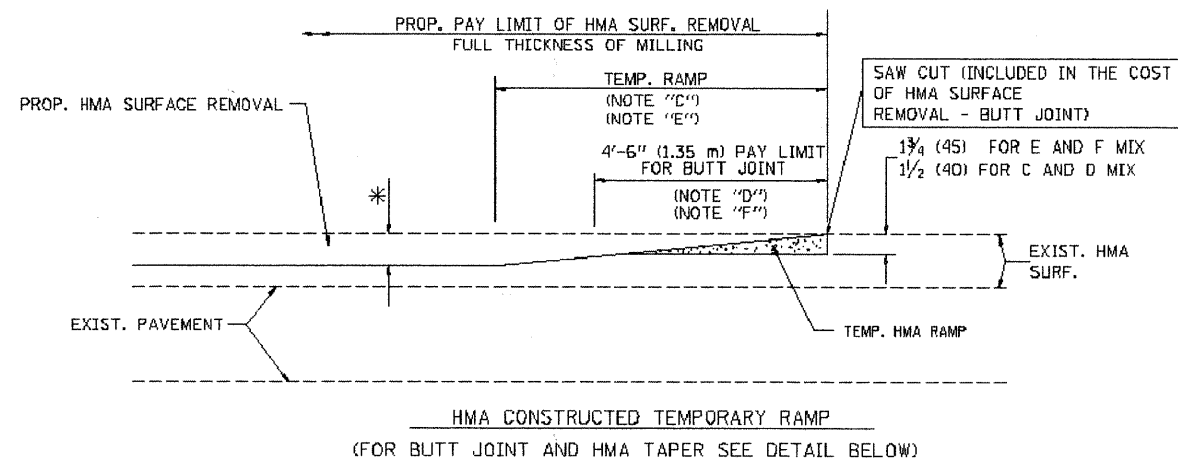
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	28
TC-14			CONTRACT NO. 63455	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT M-9003 (516)				

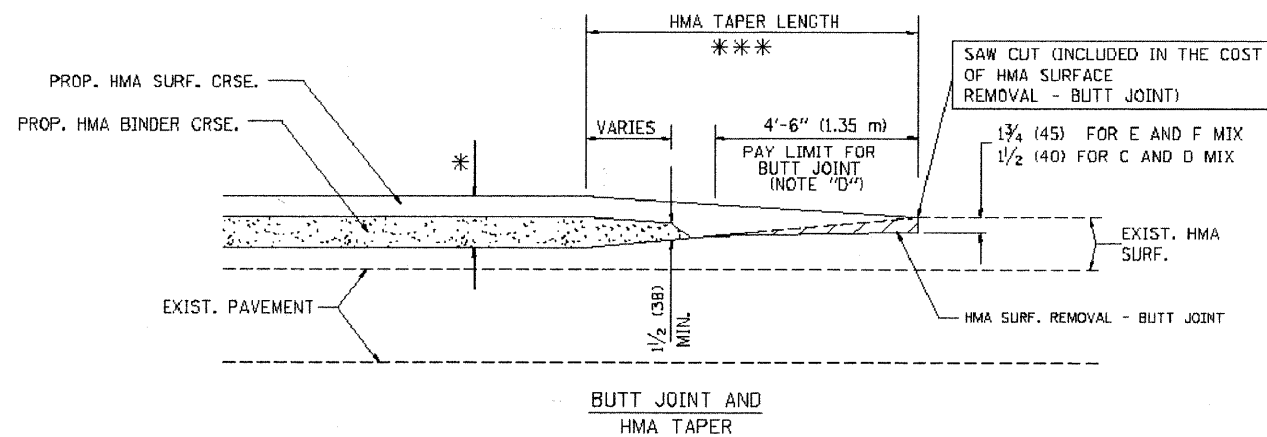


OPTION 1

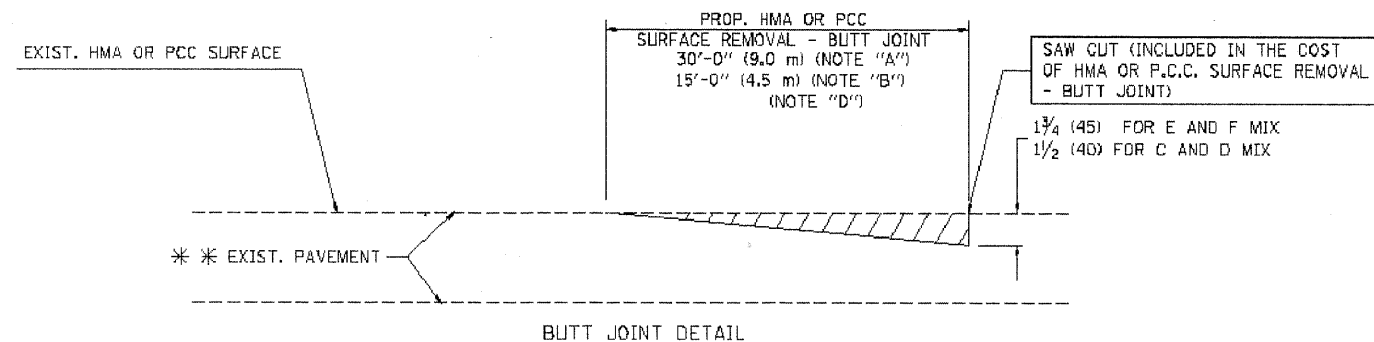


OPTION 2

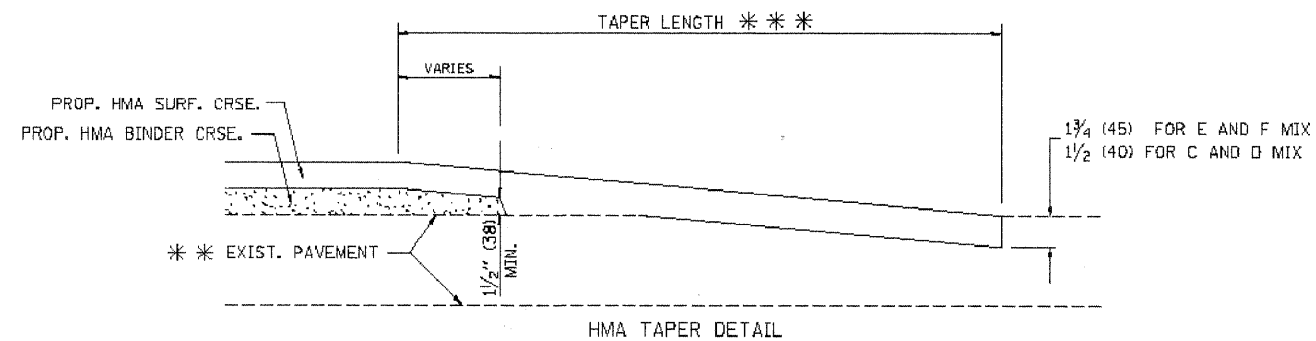
TYPICAL TEMPORARY RAMP



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")

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".

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

FILE NAME =
W:\data\122c34\bd32.dgn

USER NAME = gajtanobt

DESIGNED - M. DE YONG

REVISED - R. SHAH 10-25-94

DRAWN -

REVISED - A. ABBAS 03-21-97

PLOT SCALE = 50.0000 / IN

CHECKED -

REVISED - M. GOMEZ 04-06-01

PLOT DATE = 1/4/2008

DATE - 06-13-90

REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS


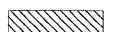
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

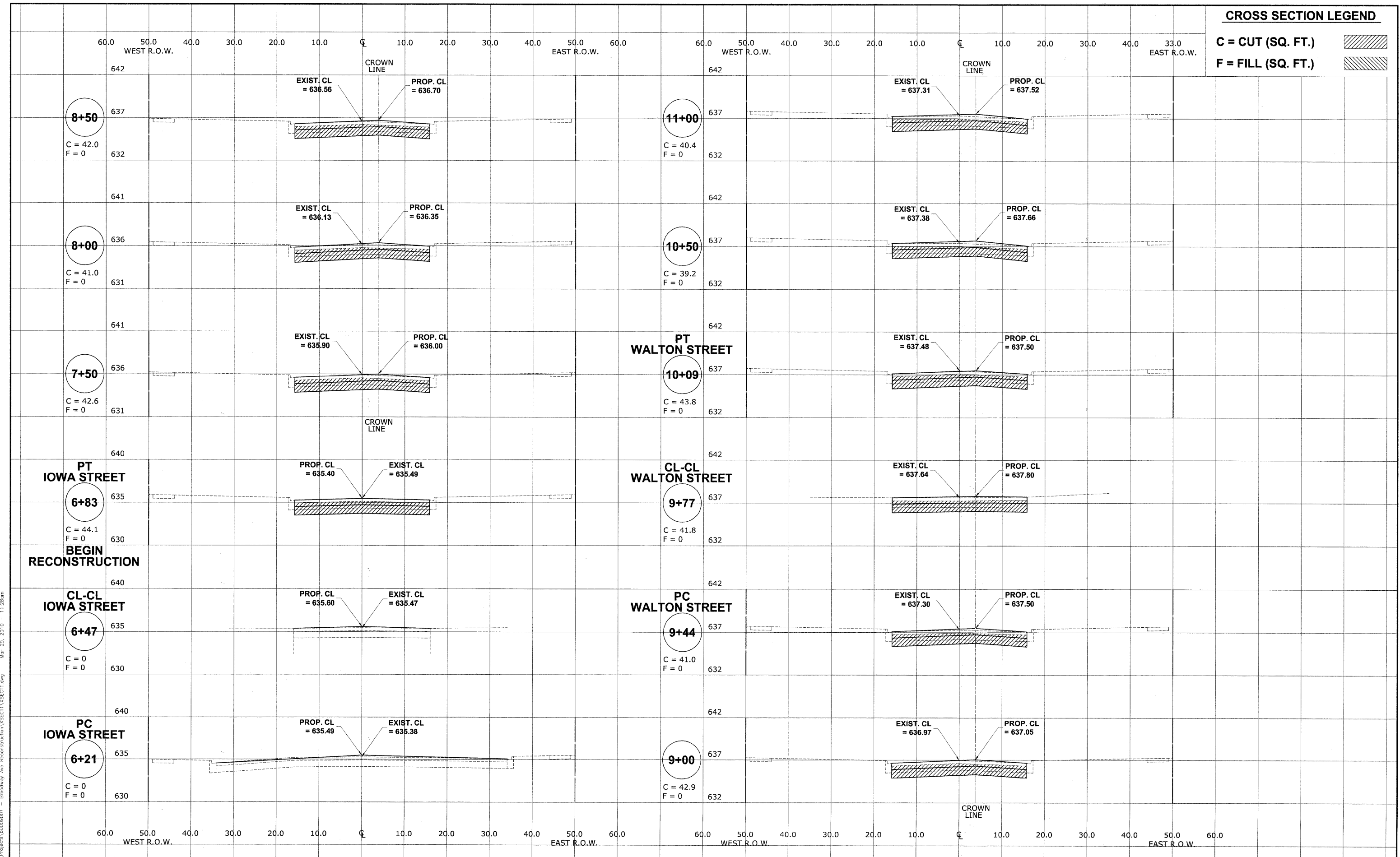
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2406	09-00114-00-FP	COOK	33	29
BD400-05 BD32			CONTRACT NO. 63455	

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (516)

E.H.E. PROJECT NO. 600-09-00101

CROSS SECTION LEGEND

C = CUT (SQ. FT.) 
F = FILL (SQ. FT.) 



Drawing file: W:\Projects\60090001 - Broadway Ave Reconstruction\XSECT1\XSECT1.dwg Mar 29, 2010 - 11:28am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911



USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

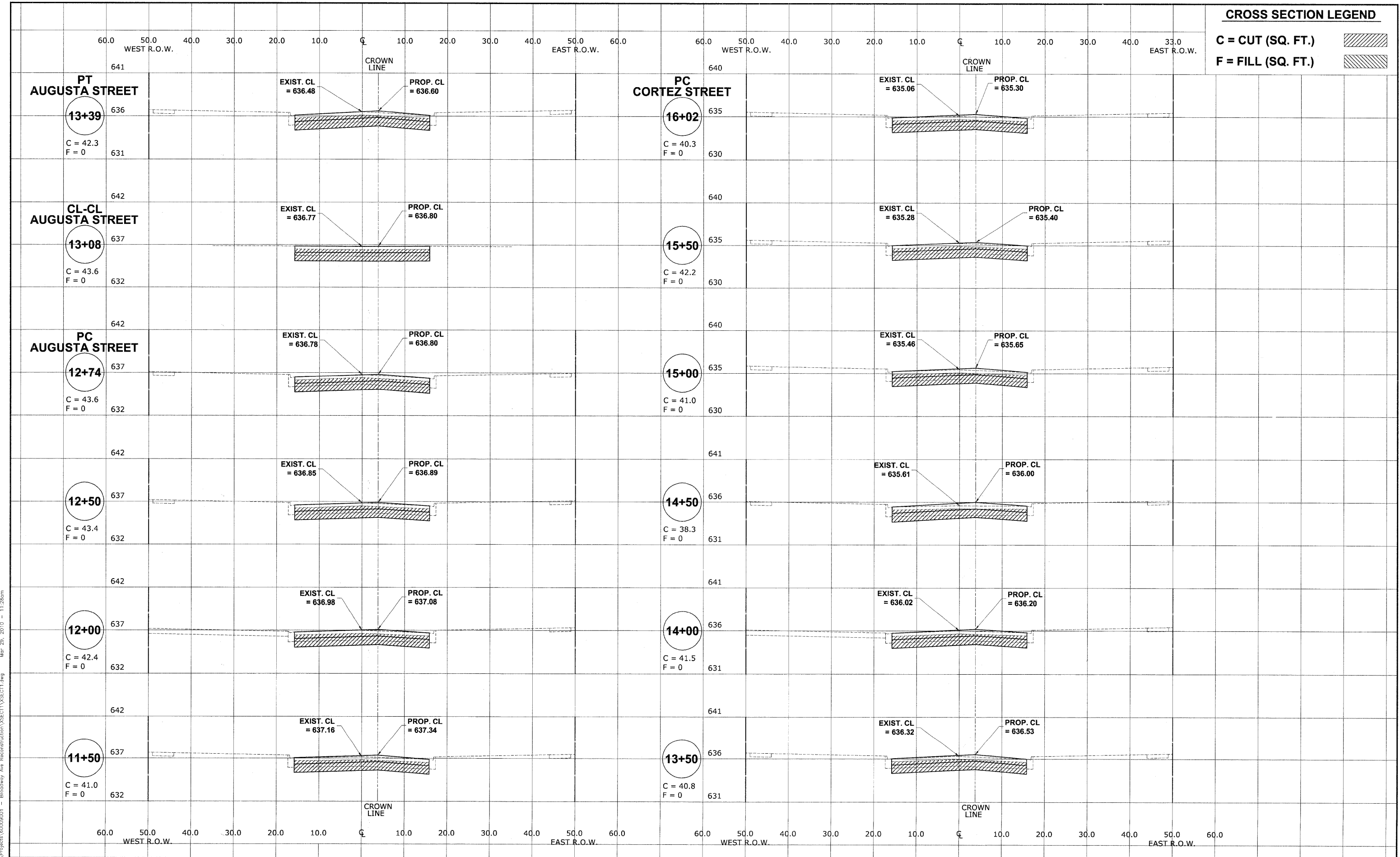
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STATION CROSS SECTIONS BROADWAY AVENUE
 SCALE: 1"=10'H./5V. SHEET NO. 1 OF 4 SHEETS STA. 6+21 TO STA. 11+00

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 30
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

CROSS SECTION LEGEND

C = CUT (SQ. FT.) 
F = FILL (SQ. FT.) 



Drawing file: W:\Projects\60009001 - Broadway Ave Reconstruction\XSECT1\XSECT1.dwg Mar 29, 2010 - 11:28am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -
 PLOT SCALE -
 PLOT DATE -

DESIGNED - WOP
 DRAWN - MK/LEV/DMM
 CHECKED - WOP
 DATE - 3-29-10

REVISED -
 REVISED -
 REVISED -
 REVISED -



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

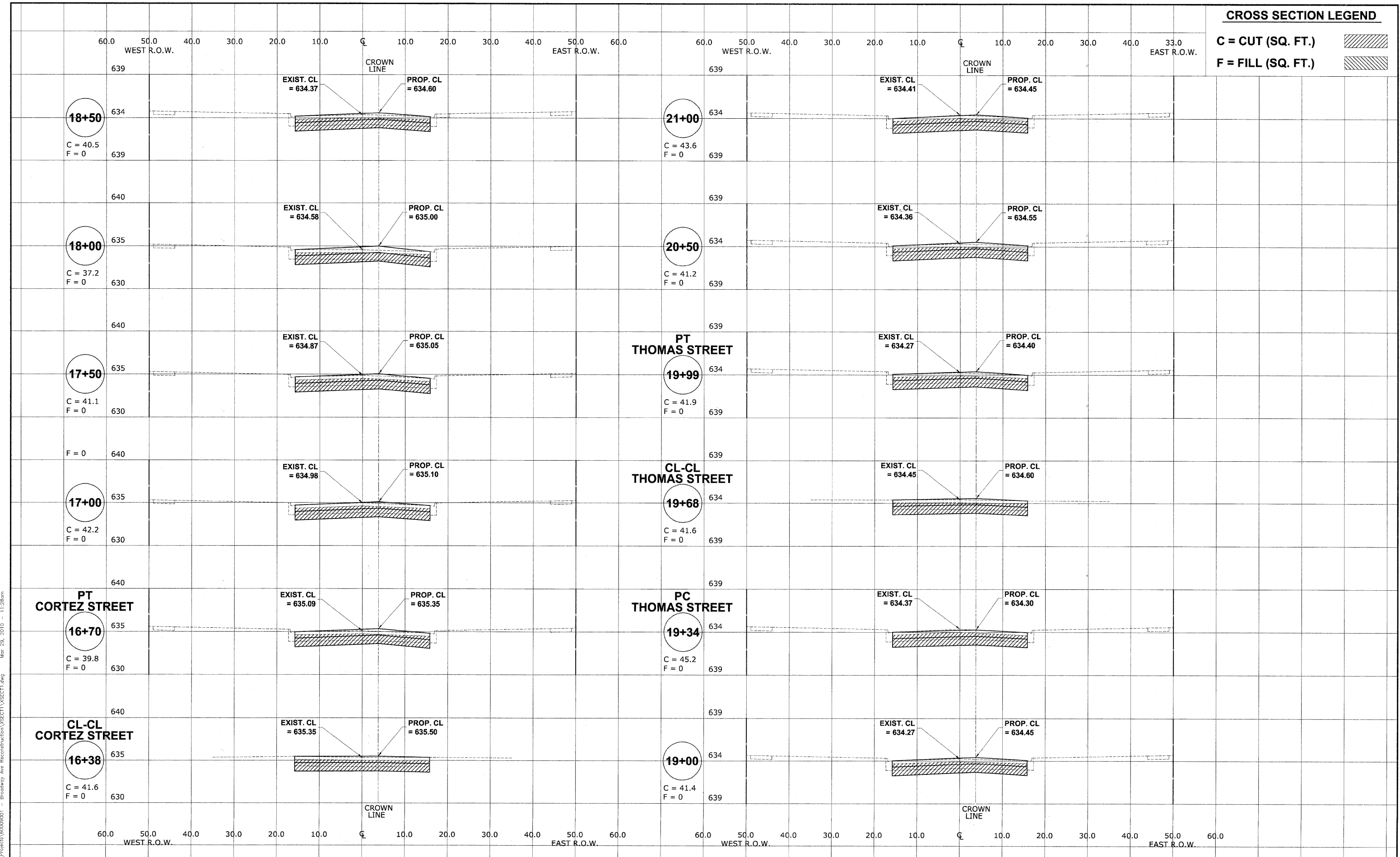
**STATION CROSS SECTIONS
 BROADWAY AVENUE**

SCALE: 1"=10'H./5V. SHEET NO. 2 OF 4 SHEETS STA. 11+50 TO STA. 16+02

ROUTE NO. 2406	SECTION 09-00114-00-PP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 31
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-M-9003 (516)		
E.H.E. PROJECT NO. 600-09-00101				

CROSS SECTION LEGEND

C = CUT (SQ. FT.) 
F = FILL (SQ. FT.) 



Drawing file: W:\Projects\6009001 - Broadway Ave Reconstruction\XSECT1\XSECT1.dwg Mar 29, 2010 - 11:28am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

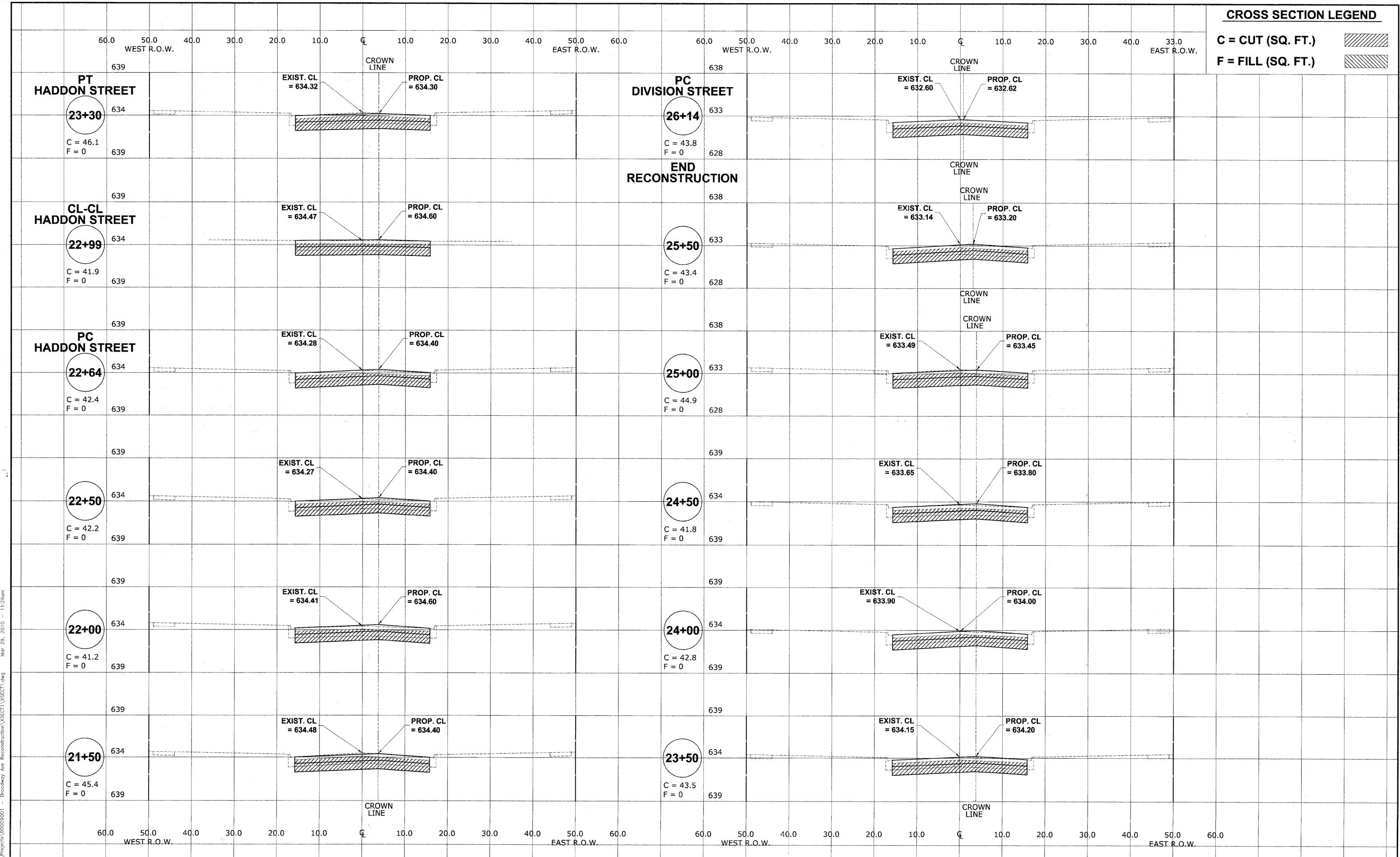
**STATION CROSS SECTIONS
 BROADWAY AVENUE**

SCALE: 1"=10'H./5V. SHEET NO. 3 OF 4 SHEETS STA. 16+38 TO STA. 21+00

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 32
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

CROSS SECTION LEGEND

C = CUT (SQ. FT.) 
F = FILL (SQ. FT.) 



Drawing file: \\Projects\60090001 - Broadway Ave Reconstruction\XSECT\XSECT.dwg Mar 29, 2010 - 11:29am

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

USER NAME -	DESIGNED - WOP	REVISED -
PLOT SCALE -	DRAWN - MK/LEV/DMM	REVISED -
PLOT DATE -	CHECKED - WOP	REVISED -
	DATE - 3-29-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATION CROSS SECTIONS
 BROADWAY AVENUE**
 SCALE: 1"=10'H./5'V. SHEET NO. 4 OF 4 SHEETS STA. 21+50 TO STA. 26+14

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 33
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				