

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	1

CONTRACT NO. 83995

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

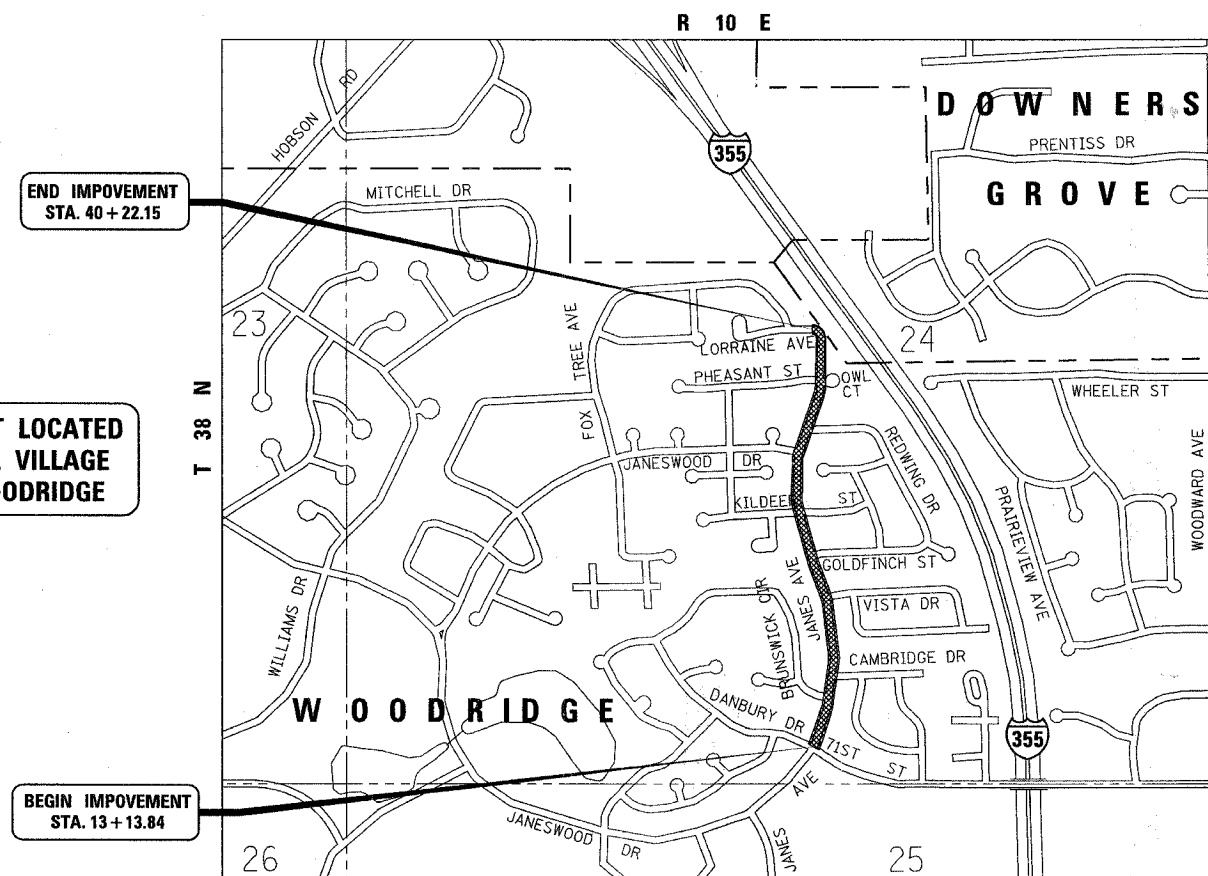
# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 2588 (JANES AVENUE)  
SECTION NO. 06-00056-00-FP  
71ST STREET TO LORRAINE AVENUE  
PAVEMENT REHABILITATION AND RESURFACING  
VILLAGE OF WOODRIDGE  
PROJECT NO. M-8003(868)  
DUPAGE COUNTY  
JOB NO. C-91-024-08

### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE & INDEX OF SHEETS
2	GENERAL NOTES AND STANDARDS
3	SCHEDULE OF QUANTITIES
4	TYPICAL SECTIONS
5-6	MAINTENANCE OF TRAFFIC
7-8	PROPOSED PLAN AND PROFILE
9	INTERSECTION DETAILS
10-11	DRAINAGE AND UTILITY PLANS
12-13	PAVEMENT MARKING AND LANDSCAPING PLANS
14-23	DISTRICT ONE DETAILS
24-26	CROSS SECTIONS

HIGHWAY STANDARDS SEE SHEET 2.



PROJECT LOCATED  
IN THE VILLAGE  
OF WOODRIDGE

BEGIN IMPROVEMENT  
STA. 13+13.84

END IMPROVEMENT  
STA. 40+22.15

TRAFFIC DATA  
4500 (2030)

DESIGN DESIGNATION  
360 (30) LOCAL ROAD  
0.3 (FD-20)



DATE: 11/28/2007  
EXPIRES: 11/30/2009

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

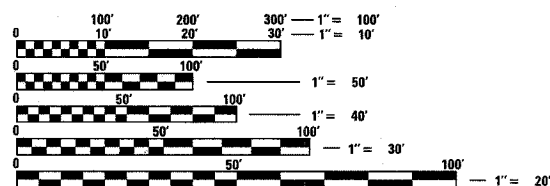
Approved November 29, 2007  
*Zill A. Khan*  
VILLAGE OF WOODRIDGE, VILLAGE ENGINEER

Passed DECEMBER 21, 2007  
*[Signature]*  
DISTRICT #1 ENGINEER OF LOCAL ROADS AND STREETS

Released for Bid  
Based on Limited  
Review Dec 24, 2007  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION #1 ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

PLANS PREPARED BY:  
**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 83995

GROSS LENGTH AND NET LENGTH = 2,708.31 FEET (0.51 MILES)

FIELD ENGINEER, KARL L. SOLIMON - (847) 705-4407

**GENERAL NOTES**

**SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS:**

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007. (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2008; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

**PROJECT COORDINATION:**

THE CONTRACTOR SHALL NOTIFY THE VILLAGE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. ATTENTION IS CALLED TO SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

**SAFETY:**

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE, FLUORESCENT YELLOW/GREEN, OR A COMBINATION OF FLUORESCENT ORANGE AND FLUORESCENT YELLOW/GREEN SAFETY VESTS MEETING THE REQUIREMENTS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE SPECIFICATION ANSI/ISEA 107-1999 FOR CONSPICUITY CLASS 2 GARMENTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.

**EXISTING UTILITIES:**

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE VILLAGE OF WOODRIDGE AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS. THE CONTRACTOR SHALL GIVE PRIOR NOTIFICATION TO THE UTILITY COMPANIES AND THE VILLAGE OF WOODRIDGE OF HIS INTENTION TO BEGIN WORK.

CERTAIN EXISTING UTILITY FACILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION WILL HAVE TO BE REMOVED AND RELOCATED BY THE UTILITY COMPANIES OR THE VILLAGE OF WOODRIDGE. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE PROPOSED WORK WITH ALL AFFECTED UTILITY COMPANIES AND THE VILLAGE OF WOODRIDGE SO AS TO INSURE THE TIMELY COMPLETION AND MAINTENANCE OF SAID UTILITY FACILITIES.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR INTERFERENCE WITH OR DAMAGE TO ANY EXISTING UTILITY FACILITY AND APPURTENANCES SUCH AS WATER MAINS, SEWERS, GAS MAINS, ELECTRIC AND SIGNAL CABLES, CONDUITS, ETC., RESULTING FROM THE OPERATIONS OF THE CONTRACTORS EQUIPMENT OR EMPLOYEES AND SHALL REPAIR OR REPLACE MUNICIPAL OWNED FACILITIES AT THE CONTRACTORS EXPENSE AND WITH THE LEAST POSSIBLE DELAY. THE CONTRACTOR IS REQUIRED TO REIMBURSE ANY IMPACTED PRIVATE UTILITY COMPANY THE COST OF REPAIRS OR REPLACEMENT. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY EXPENSES INCURRED BECAUSE OF DELAYS, INCONVENIENCES OR INTERRUPTIONS TO HIS WORK RESULTING FROM COMPLIANCE WITH THE ABOVE REQUIREMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING J.U.L.I.E. AT TOLL FREE NUMBER 800-892-0123

**TRAFFIC CONTROL AND MAINTENANCE:**

THE CONTRACTOR SHALL ERECT, AND MAINTAIN ALL DETOUR AND CONSTRUCTION SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES INCLUDING FLAGGERS REQUIRED TO MAINTAIN A SAFE WORK SITE. THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT WORK IS COMPLETED PER THE CONSTRUCTION PHASES OUTLINED IN THE PLANS AND SPECIAL PROVISIONS.

ACCESS TO ADJUTING PROPERTY SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. TIME REQUIRED FOR CONSTRUCTION AT DRIVEWAYS SHALL BE LIMITED TO THE MINIMUM TIME REQUIRED FOR SAID CONSTRUCTION AND, IF REQUIRED, AGGREGATE FOR TEMPORARY ACCESS SHALL BE PROVIDED. PAID FOR AS TEMPORARY ACCESS (ROAD)

THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION AND WORK NECESSARY TO MAINTAIN GARBAGE AND RECYCLABLE PICK UP ON TUESDAYS AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

**DISPOSAL OF EXCESS MATERIAL:**

ALL EXCESS MATERIAL AND ANY OTHER DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN OFF-SITE DISPOSAL AREA.

**PROTECTION OF PUBLIC/PRIVATE PROPERTY:**

THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES, SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/PRIVATE PROPERTY. ANY ITEM THAT IS DAMAGED SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

**SAW CUTTING FOR REMOVAL:**

THE CONTRACTOR SHALL BE REQUIRED TO MAKE A FULL DEPTH SAW CUT AT THE LOCATIONS OF THE PROPOSED BARRIER MEDIANS ALONG JANES AVENUE. THE CONTRACTOR SHALL MAKE ALL FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF PAVEMENT AS SPECIFIED, OR AS DIRECTED BY THE ENGINEER. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR REMOVAL OF THE SPECIFIED ITEM IN THE CONTRACT.

**EXISTING STREET CLEANLINESS:**

THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER.

**BASE COURSE CLEANING:**

PRIOR TO APPLYING THE BITUMINOUS PRIME COAT, THE BASE SURFACE INCLUDING GUTTERS SHALL BE CLEANED OF LOOSE GRINDINGS, LEAVES, OF ALL DUST, DIRT, WEEDS AND OTHER FOREIGN MATERIALS. COST TO BE CONSIDERED INCLUDED IN THE COST OF THE BITUMINOUS PRIME COAT WORK.

**HOT-MIX ASPHALT SURFACE PAVEMENTS:**

FOR DESIGN AND QUANTITY ESTIMATION PURPOSES, THESE PLANS HAVE BEEN DEVELOPED USING 112.0 POUNDS PER SQUARE YARD PER INCH THICKNESS OF HOT-MIX ASPHALT SURFACE PAVEMENTS. THE ENGINEER WILL CALCULATE AN ADJUSTED PLAN QUANTITY ONCE THE PROJECT IS UNDER CONTRACT AND A MIX DESIGN IS DEVELOPED AND APPROVED.

**CLEAN-UP AND DISPOSAL:**

THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND ANY SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS THE WORK PROCEEDS. IF THE OWNER OR THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE.

**CONSTRUCTION LIMITS:**

THE CONTRACTOR SHALL CONFINE OPERATIONS WITHIN THE DEDICATED ROADWAY RIGHTS-OF-WAY. ANY DAMAGE OUTSIDE OF SAID RIGHTS-OF-WAY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

**LANDSCAPING RESTORATION:**

ALL LANDSCAPING DAMAGED DURING CONSTRUCTION, EXCEPT MEDIAN WORK, SHALL BE RESTORED WITH A MINIMUM OF 4" OF TOP SOIL AND SEED, CLASS 2A. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, DRIVEWAY REMOVAL AND REPLACEMENT, OR SIDEWALK REMOVAL AND REPLACEMENT.

**CURB AND GUTTER REPLACEMENT:**

THE MINIMUM THICKNESS OF THE PROPOSED GUTTER FLAG SHALL BE 10" UNLESS OTHERWISE STATED IN THE PLANS OR DIRECTED BY THE ENGINEER.

**PIPE UNDERDRAINS:**

THE LOCATIONS AND LENGTHS OF PIPE UNDERDRAINS AS SHOWN IN THESE PLANS ARE ESTIMATED FOR BIDDING PURPOSES ONLY. FINAL UNDERDRAIN PIPE LOCATIONS AND LENGTHS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. TEES TO BE INSTALLED WHERE DIRECTED FOR FUTURE CONNECTION BY OTHERS. COST TO BE INCIDENTAL TO THE COST FOR UNDERDRAIN.

CONNECTION OF UNDERDRAINS TO EXISTING STORM SEWER STRUCTURES AND PIPES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE UNDERDRAIN WORK.

**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
601001-02	SUBSURFACE DRAINS
602001	CATCH BASIN, TYPE A
602301-01	INLET, TYPE A
602401-01	MANHOLE, TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-02	FRAME AND LIDS, TYPE 1
604051-02	FRAME AND GRATE, TYPE 11
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIANS
606306-02	CORRUGATED PC CONCRETE MEDIANS
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUTS FOR DETECTION LOOPS

**DISTRICT ONE DETAILS**

- BD07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
- BD22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD32 BUTT JOINT AND HMA TAPER DETAILS
- BE301 LIGHT POLE FOUNDATION 40' TO 47.5', 15" BOLT CIRCLE
- BE702 MISC. ELECTRICAL DETAILS SHEET A
- TC10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

REVISIONS	
NAME	DATE

VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
GENERAL NOTES AND STANDARDS

SCALE: NONE DRAWN BY: VAP  
DATE: 11/30/2007 CHECKED BY: DDL

SUMMARY OF QUANTITIES

CODE NO	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY (000)
20200100	EARTH EXCAVATION	CU YD	961	961
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	150	150
20400800	FURNISHED EXCAVATION	CU YD	200	200
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	150	150
20800150	TRENCH BACKFILL	CU YD	3	3
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	200	200
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	2043	2043
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	36	36
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36	36
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36	36
25200110	SODDING, SALT TOLERANT	SQ YD	2043	2043
25200200	SUPPLEMENTAL WATERING	UNIT	10	10
28000510	INLET FILTERS	EACH	19	19
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	5263	5263
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2651	2651
40600300	AGGREGATE (PRIME COAT)	TON	12	12
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	361	361
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	32	32
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N60	TON	645	645
40701841	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"	SQ YD	4940	4940
42001300	PROTECTIVE COAT	SQ YD	10605	10605
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4000	4000
42400800	DETECTABLE WARNINGS	SQ FT	450	450
44000100	PAVEMENT REMOVAL	SQ YD	7787	7787
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	7251	7251
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	745	745
44000600	SIDEWALK REMOVAL	SQ FT	4000	4000
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	500	500
44002208	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2"	SQ YD	280	280
44003100	MEDIAN REMOVAL	SQ FT	462	462
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	70	70
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	70	70
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	70	70
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	70	70
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	12	12
60107600	PIPE UNDERDRAINS 4"	FOOT	250	250
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3384	3384
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	2917	2917
60624600	CORRUGATED MEDIAN	SQ FT	462	462

\* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY (1,000)
67100100	MOBILIZATION	L SUM	1	1
70102650	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	2	2
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	260	260
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	40	40
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	4463	4463
70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	608	608
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	50	50
70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	170	170
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	87	87
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	261	261
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4463	4463
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	608	608
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	50	50
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	170	170
81603065	UNIT DUCT, 600V, 2-1C NO. 2, 1/2" NO. 2 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	500	500
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	20	20
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	1	1
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1
88600100	DETECTOR LOOP, TYPE I	FOOT	205	205
89502200	MODIFY EXISTING CONTROLLER	EACH	1	1
X4023000	TEMPORARY ACCESS (ROAD)	EACH	8	8
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), L-4.75, N50	TON	158	158
XX003303	CONCRETE LIGHT POLE	EACH	1	1
XX003885	IRRIGATION SYSTEM	L SUM	1	1
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	2	2
Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	16	16
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1	1
Z0019600	DUST CONTROL WATERING	UNIT	5	5
A2000116	TREE, ACER X FREEMANI AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8
A2008124	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	7	7
B0026574	TREE, PYRUS CALLERYANA AUTUMN BLAZE (AUTUMN BLAZE CALLERY PEAR), 10' HEIGHT, BALLED AND BURLAPPED	EACH	8	8

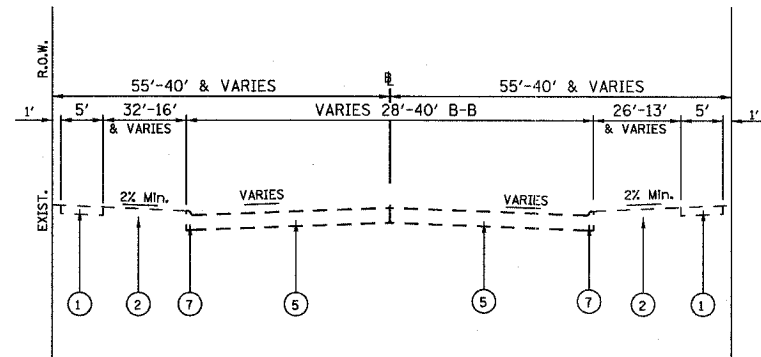
REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL: (312) 939-1000  
CHICAGO IL, 60606 FAX: (312) 939-4198

VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
SUMMARY OF QUANTITIES

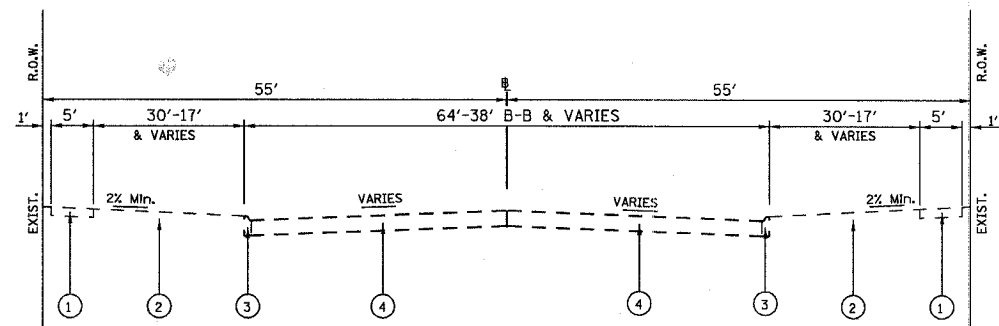
SCALE: 1" = 400'  
DATE: 11/30/2007  
DRAWN BY: VAP  
CHECKED BY: DDL

NOTE: REMOVAL OF MONOLITHIC CURB AND CURB AND GUTTER TO BE PAID FOR AS PAVEMENT REMOVAL.



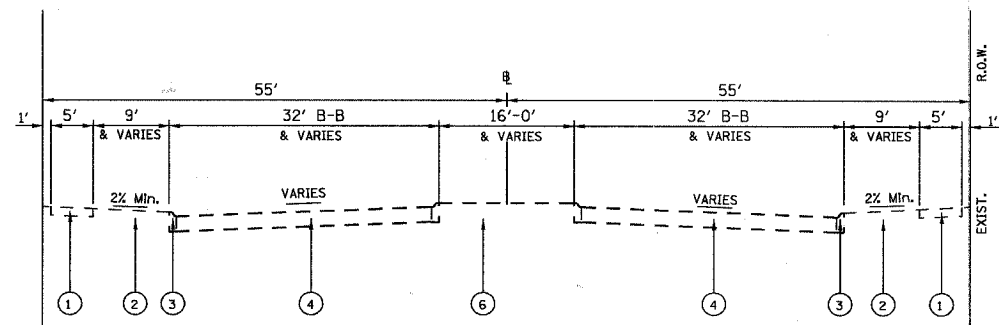
TYPICAL EXISTING CROSS SECTION

JANE'S AVENUE  
STA. 27+65 TO STA. 40+22.15  
(CONCRETE SEGMENT)



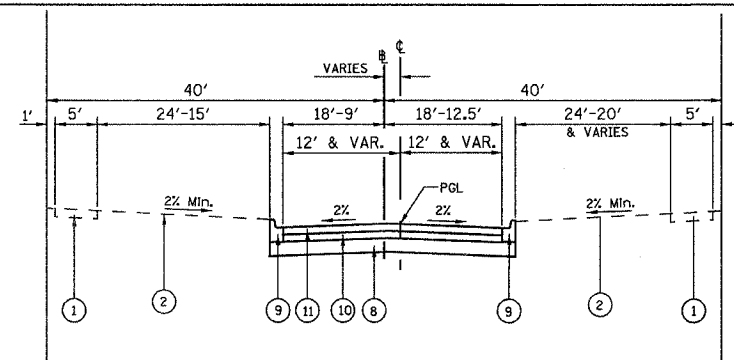
TYPICAL EXISTING CROSS SECTION

JANE'S AVENUE  
STA. 14+60 TO STA. 27+65  
(ASPHALT SEGMENT)



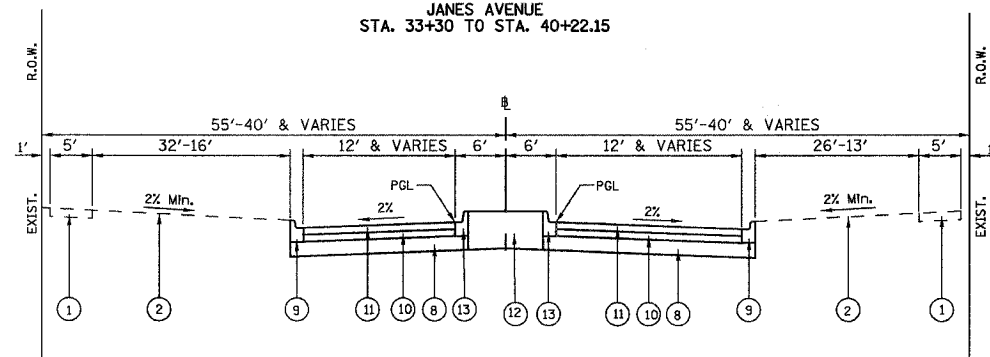
TYPICAL EXISTING CROSS SECTION

JANE'S AVENUE  
STA. 13+13.84 TO STA. 14+60  
(ASPHALT SEGMENT)



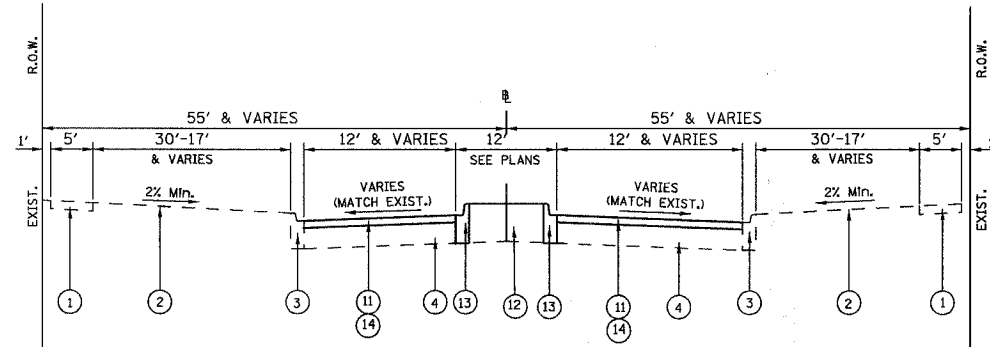
TYPICAL PROPOSED CROSS SECTION

JANE'S AVENUE  
STA. 33+30 TO STA. 40+22.15



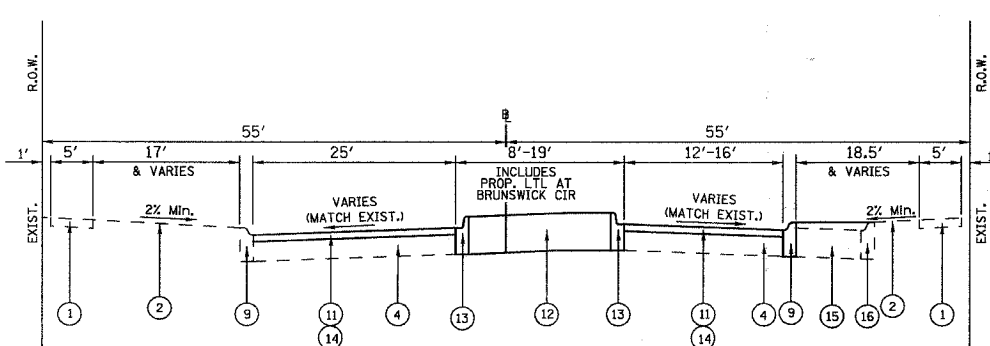
TYPICAL PROPOSED CROSS SECTION

JANE'S AVENUE  
STA. 27+65 TO STA. 33+30



TYPICAL PROPOSED CROSS SECTION

JANE'S AVENUE  
STA. 19+00 TO STA. 27+65



TYPICAL PROPOSED CROSS SECTION

JANE'S AVENUE  
STA. 13+13.84 TO STA. 19+00  
(ASPHALT SEGMENT)

LEGEND

- ① EXIST. P.C.C. SIDEWALK
- ② EXIST. GRASS PARKWAY
- ③ EXIST. COMB. C&G TYP. B-6.12
- ④ EXIST. ASPHALT PAVEMENT, 7"
- ⑤ EXIST. CONCRETE PAVEMENT, 6"
- ⑥ EXIST. GRASS MEDIAN
- ⑦ EXIST. MONOLITHICAL MOUNTABLE C&G (M-3.12/M-6.12)
- ⑧ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑨ PROP. COMB. C&G TYP. B-6.12
- ⑩ PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"
- ⑪ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑫ TOPSOIL FURNISH & PLACE, 12" & SOD
- ⑬ PROP. COMB. C&G TYP. B-9.12
- ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑮ PAVEMENT REMOVAL
- ⑯ CURB & GUTTER REMOVAL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
ITEM	AC TYPE	VOIDS
FULL DEPTH PAVEMENT - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL-9.5MM)	PG 64-22	4% @ 50 Gyr.
FULL DEPTH PAVEMENT - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"	PG 64-22 PG 58-22	4% @ 50 Gyr.
RESURFACING - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL-9.5MM)	PG 64-22	4% @ 50 Gyr.
RESURFACING - POLYMERIZED LEVELING BINDER COURSE (MM), IL-19.0, N50, 3/4", (IL 9.5 MM)	PG 64-22 PG 58-22	4% @ 50 Gyr.
CLASS D PATCHES (HMA BINDER IL-19MM), 6"	PG 64-22	4% @ 50 Gyr.

- WHEN RAP EXCEEDS 20% THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS / SQ. YD. / IN.

REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

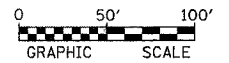
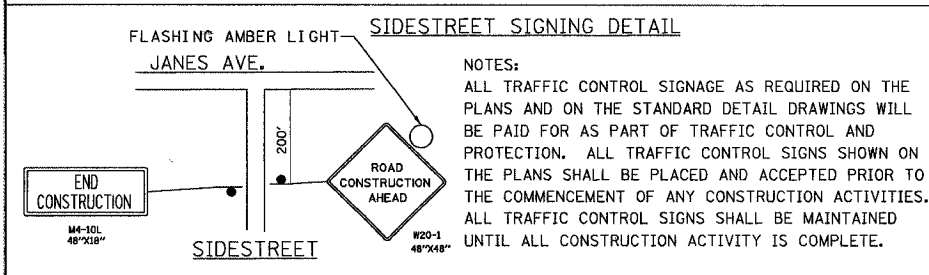
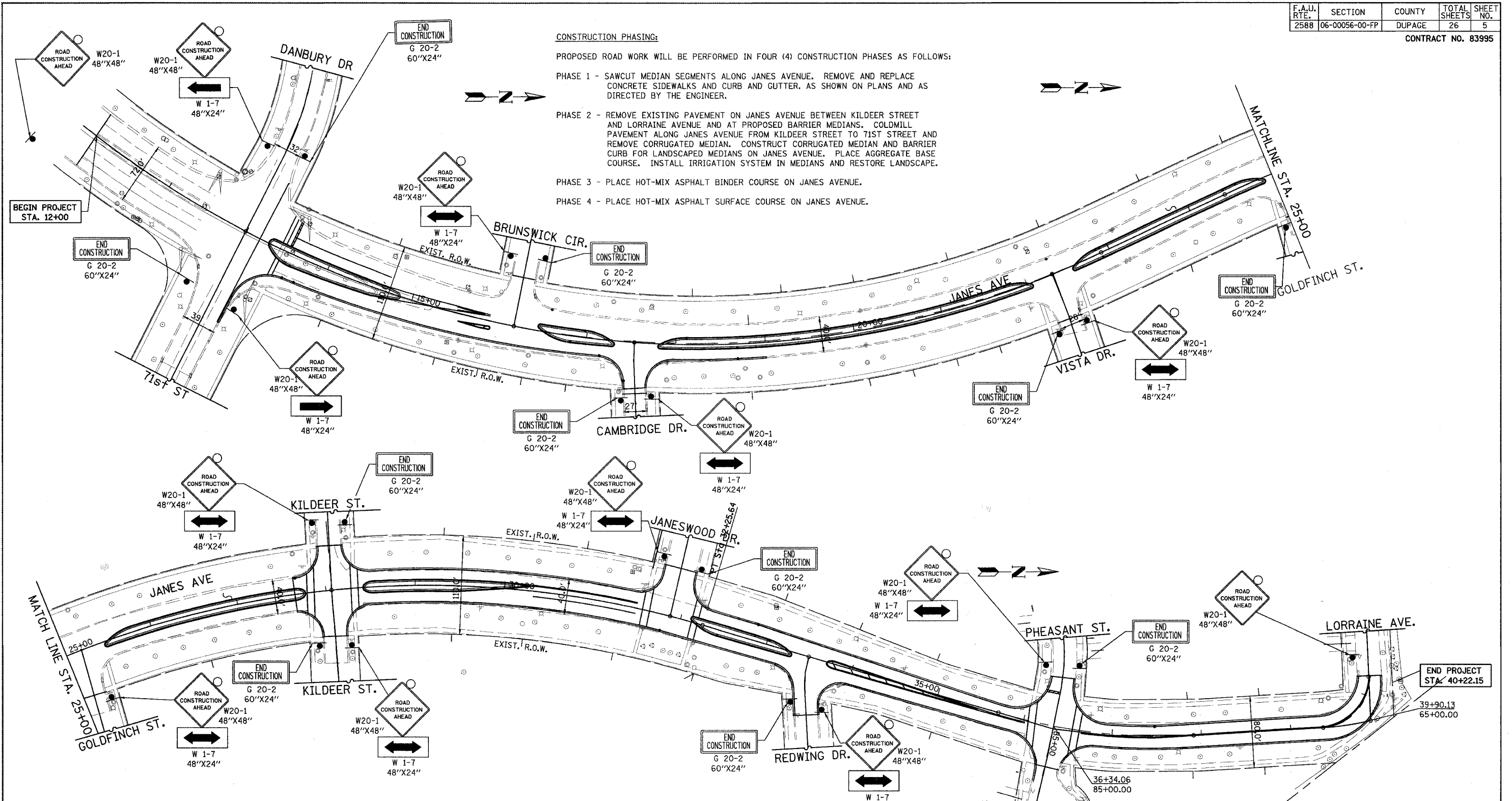
VILLAGE OF WOODRIDGE  
JANE'S AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
TYPICAL SECTIONS

SCALE: NONE DRAWN BY: VAP  
DATE: 11/30/2007 CHECKED BY: DDL

**CONSTRUCTION PHASING:**

PROPOSED ROAD WORK WILL BE PERFORMED IN FOUR (4) CONSTRUCTION PHASES AS FOLLOWS:

- PHASE 1 - SAWCUT MEDIAN SEGMENTS ALONG JANES AVENUE. REMOVE AND REPLACE CONCRETE SIDEWALKS AND CURB AND GUTTER. AS SHOWN ON PLANS AND AS DIRECTED BY THE ENGINEER.
- PHASE 2 - REMOVE EXISTING PAVEMENT ON JANES AVENUE BETWEEN KILDEER STREET AND LORRAINE AVENUE AND AT PROPOSED BARRIER MEDIANS. COLDMILL PAVEMENT ALONG JANES AVENUE FROM KILDEER STREET TO 71ST STREET AND REMOVE CORRUGATED MEDIAN. CONSTRUCT CORRUGATED MEDIAN AND BARRIER CURB FOR LANDSCAPED MEDIANS ON JANES AVENUE. PLACE AGGREGATE BASE COURSE. INSTALL IRRIGATION SYSTEM IN MEDIANS AND RESTORE LANDSCAPE.
- PHASE 3 - PLACE HOT-MIX ASPHALT BINDER COURSE ON JANES AVENUE.
- PHASE 4 - PLACE HOT-MIX ASPHALT SURFACE COURSE ON JANES AVENUE.



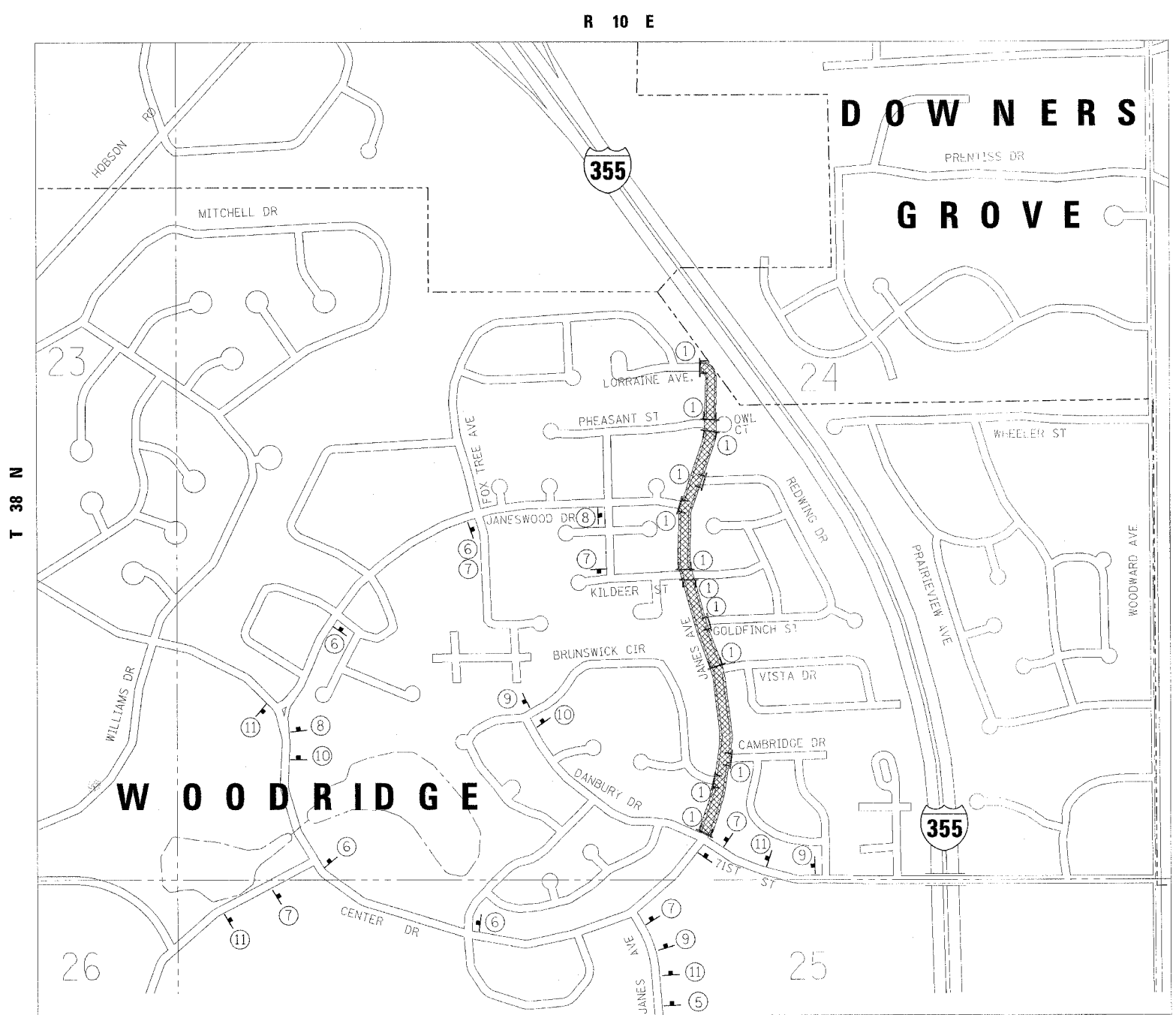
REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
 CHICAGO, IL 60606 FAX (312)-939-4198

VILLAGE OF WOODRIDGE  
**JANES AVENUE**  
 71ST STREET TO LORRAINE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN  
 STA. 12+00 TO STA. 40+22.15

SCALE: 1" = 50'  
 DATE: 11/30/2007

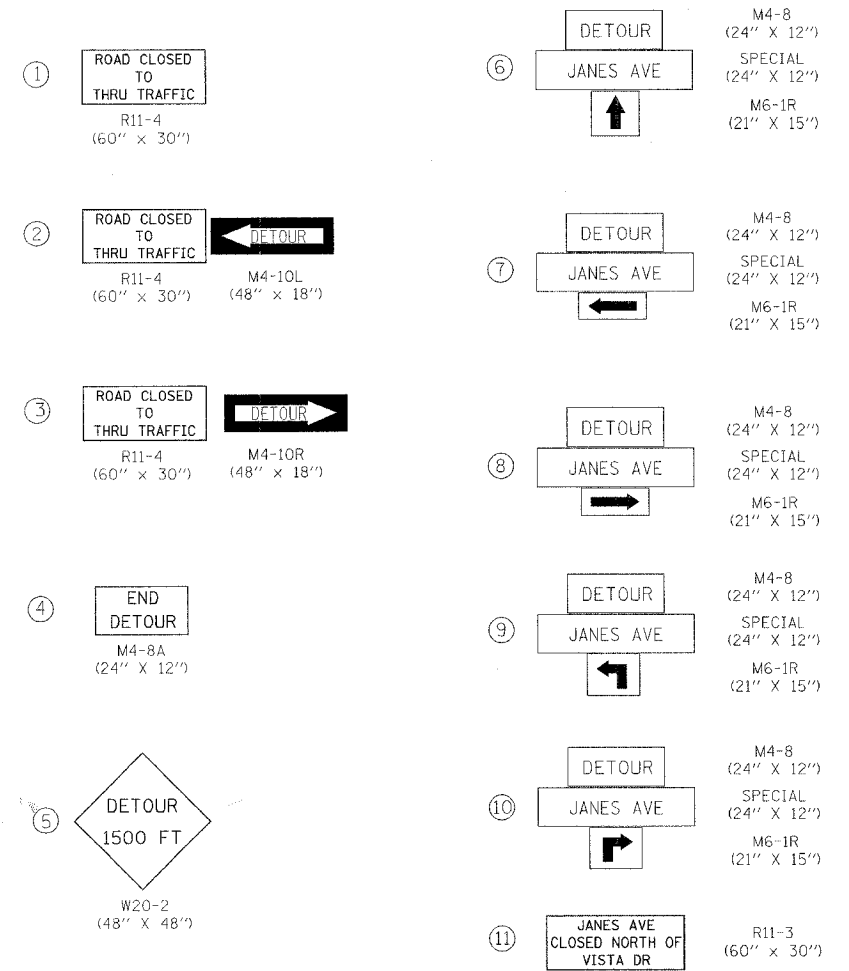
DRAWN BY: VAP  
 CHECKED BY: DDL



LOCATION MAP  
(NOT TO SCALE)

NOTES:

- CONTRACTOR SHALL RELOCATE MAILBOXES TO A LOCATION APPROVED BY THE POSTAL SERVICE. THIS WORK SHALL BE INCLUDED IN MOT WORK.
- CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ON BOTH ENDS OF JANES AVENUE A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION
- TRAFFIC CONTROL FOR JANES AVENUE SHALL CONSIST OF THE INSTALLATION OF TYPE 3 BARRICADES WITH "ROAD CLOSED TO THROUGH TRAFFIC" SIGNS LOCATED AT EITHER END OF THE STREET AND AT ALL INTERSECTING SIDE STREETS.



MAINTENANCE OF TRAFFIC - DETOUR ROUTE  
 DURING CONSTRUCTION, A DETOUR PLAN WILL BE IMPLEMENTED. SOUTHBOUND TRAFFIC ON JANES AVENUE WILL USE JANESWOOD DRIVE TO DANBURY/71ST STREET AND NORTHBOUND TRAFFIC WILL USE THE REVERSE DIRECTION. ALL DETOUR ROUTES ARE UNDER LOCAL JURISDICTION. LOCAL ACCESS SHALL BE PROVIDED AT ALL TIMES. ALL SIGNS, BARRICADES AND TEMPORARY STRIPING SHALL CONFORM TO THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SUPPLEMENT, THE ILLINOIS STANDARD SPECIFICATIONS, AND THE MUTCD, PAID FOR AS TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
 CHICAGO IL, 60606 FAX (312)-939-4198

REVISIONS	
NAME	DATE

VILLAGE OF WOODRIDGE  
 JANES AVENUE  
 71ST STREET TO LORRAINE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN  
 STA. 12+00 TO 40+22.15

SCALE: 1" = 50'  
 DATE: 11/30/2007  
 DRAWN BY: VAP  
 CHECKED BY: BDL



NOTES:

1. THE ACTUAL LOCATION AND QUANTITY OF CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, AND PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD, DURING CONSTRUCTION, BY THE RESIDENT ENGINEER.

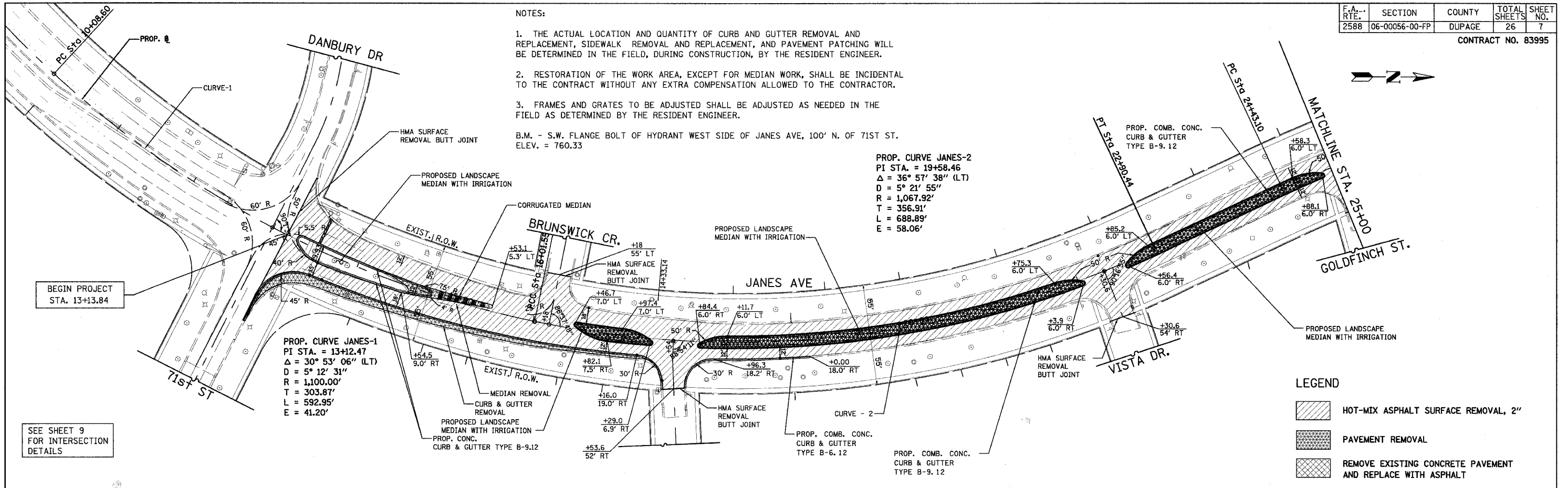
2. RESTORATION OF THE WORK AREA, EXCEPT FOR MEDIAN WORK, SHALL BE INCIDENTAL TO THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR.

3. FRAMES AND GRATES TO BE ADJUSTED SHALL BE ADJUSTED AS NEEDED IN THE FIELD AS DETERMINED BY THE RESIDENT ENGINEER.

B.M. - S.W. FLANGE BOLT OF HYDRANT WEST SIDE OF JANES AVE, 100' N. OF 71ST ST.  
ELEV. = 760.33

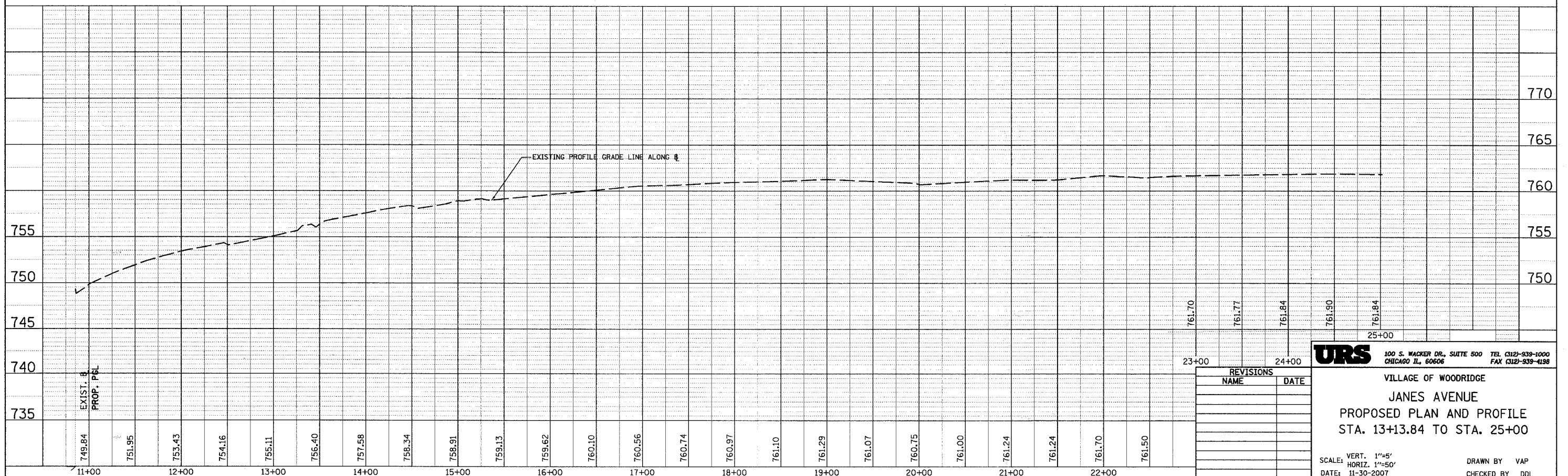
PROP. CURVE JANES-2  
PI STA. = 19+58.46  
 $\Delta = 36^\circ 57' 38''$  (LT)  
 $D = 5^\circ 21' 55''$   
 $R = 1,067.92'$   
 $T = 356.91'$   
 $L = 688.89'$   
 $E = 58.06'$

PROP. CURVE JANES-1  
PI STA. = 13+12.47  
 $\Delta = 30^\circ 53' 06''$  (LT)  
 $D = 5^\circ 12' 31''$   
 $R = 1,100.00'$   
 $T = 303.87'$   
 $L = 592.95'$   
 $E = 41.20'$



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- PAVEMENT REMOVAL
- REMOVE EXISTING CONCRETE PAVEMENT AND REPLACE WITH ASPHALT



REVISIONS	
NAME	DATE

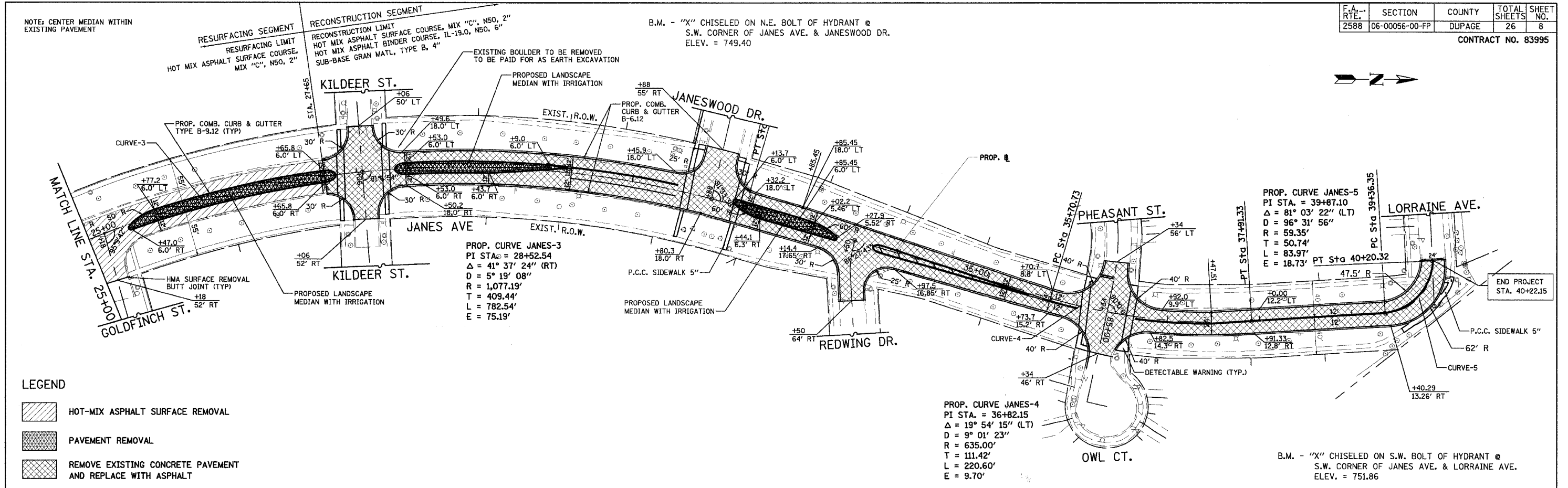
**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

VILLAGE OF WOODRIDGE  
JANES AVENUE  
PROPOSED PLAN AND PROFILE  
STA. 13+13.84 TO STA. 25+00

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 11-30-2007

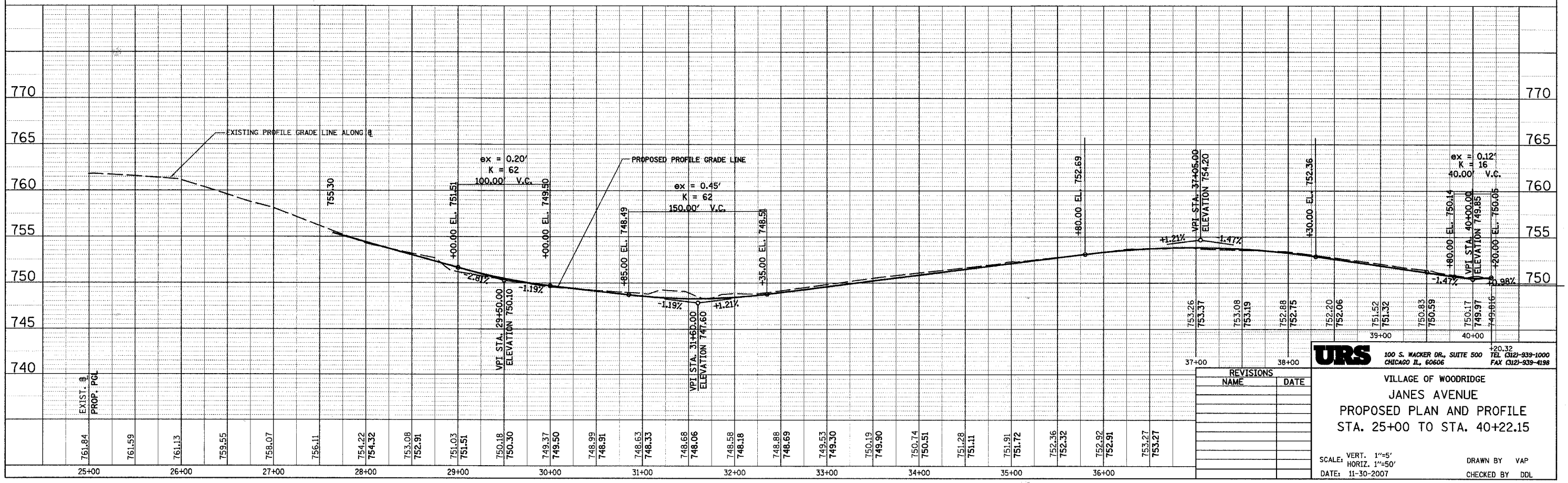
DRAWN BY VAP  
CHECKED BY DDL

CONTRACT NO. 83995



**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- REMOVE EXISTING CONCRETE PAVEMENT AND REPLACE WITH ASPHALT



REVISIONS	NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500  
CHICAGO IL, 60606

VILLAGE OF WOODRIDGE  
JANES AVENUE  
PROPOSED PLAN AND PROFILE  
STA. 25+00 TO STA. 40+22.15

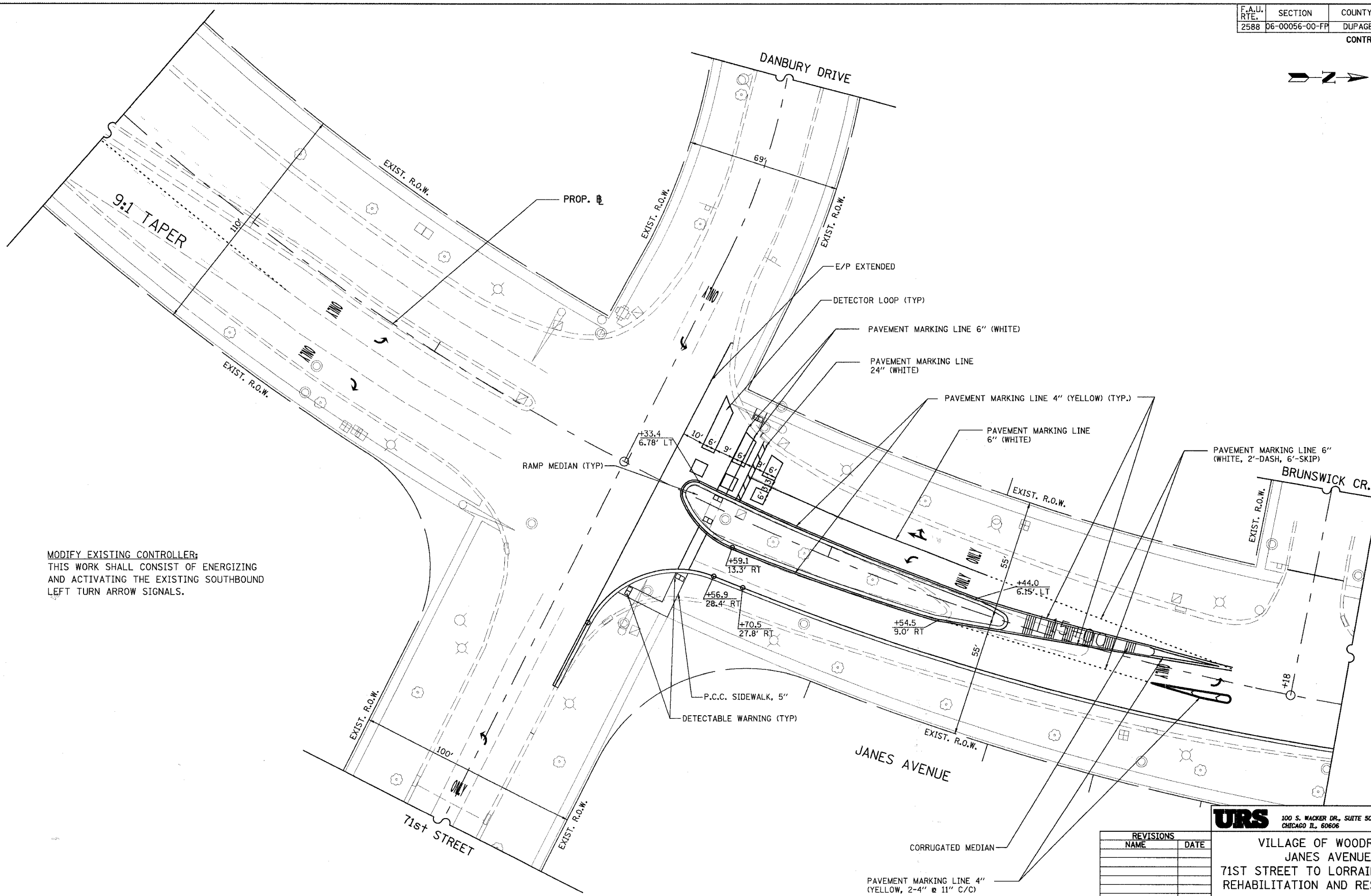
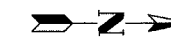
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 11-30-2007

DRAWN BY VAP  
CHECKED BY DDL



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	9

CONTRACT NO. 83995



**MODIFY EXISTING CONTROLLER:**  
 THIS WORK SHALL CONSIST OF ENERGIZING  
 AND ACTIVATING THE EXISTING SOUTHBOUND  
 LEFT TURN ARROW SIGNALS.

REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL: (312) 939-1000  
 CHICAGO IL, 60606 FAX: (312) 939-4198

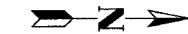
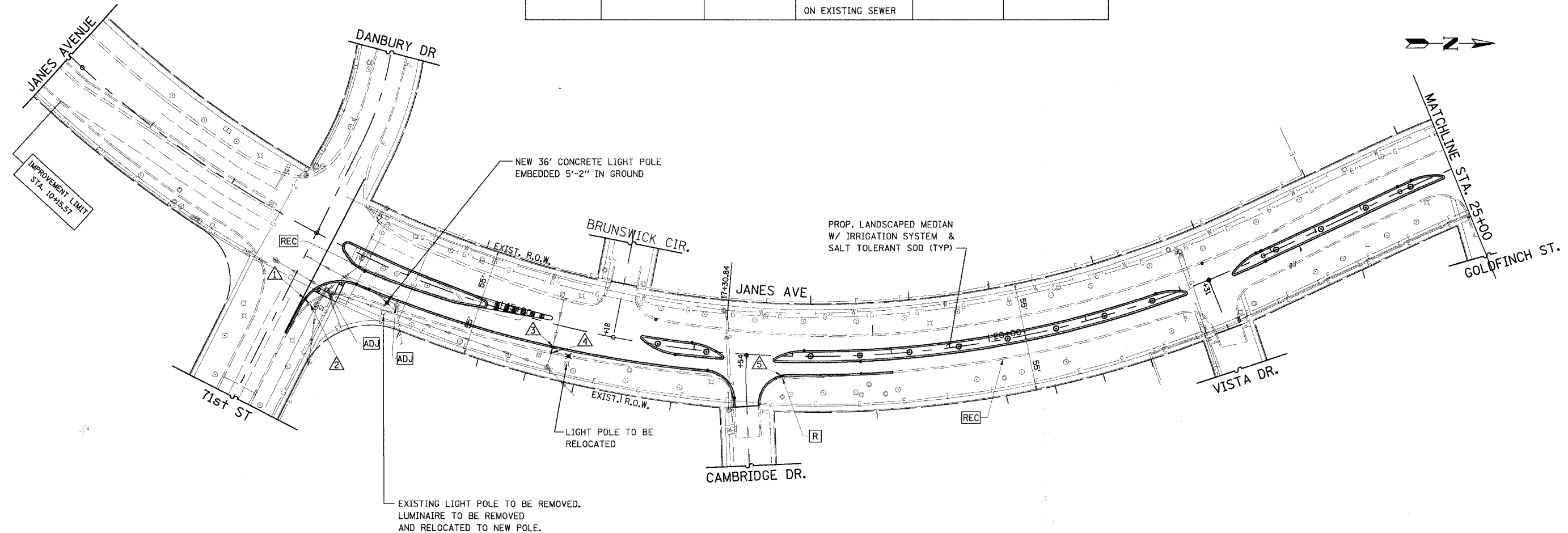
VILLAGE OF WOODRIDGE  
 JANES AVENUE  
 71ST STREET TO LORRAINE AVENUE  
 REHABILITATION AND RESURFACING  
 INTERSECTION DETAILS

SCALE: 1" = 20'  
 DATE: 11/30/2007  
 DRAWN BY: VAP  
 CHECKED BY: DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	10

CONTRACT NO. 83995

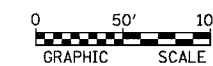
STRUCTURE	△	△	△	△	△
STA.	13+18.1	13+23.6	15+60.7	15+60.9	17+89.9
OFFSET	64.9' RT	67.0' RT	22.65' RT	29.1' RT	19.8' RT
TYPE	INLET TY. A	ADJ. INLET	CB, TY.-A*	ADJ. CB	CB, TY.-A
F & G	TYPE 11	TY. 1 F & CL	TY. 11	TY. 1 F & CL	TY. 11
RIM EL.	756.18	756.60	758.61	759.20	760.25
INV. EL.	752.45	752.35 (EX.)	755.20	755.10 (EX.)	756.10
STORM SEWER	6 LF, TYPE 1, 12"		* TO BE INSTALLED ON EXISTING SEWER		6 LF, TYPE 1, 12"



**LEGEND**

- R STRUCTURE REMOVAL
- REC STRUCTURE TO BE RECONSTRUCTED
- ADJ STRUCTURE TO BE ADJUSTED
- ✕ LIGHT POLE TO BE RELOCATED/REPLACED
- EXIST. UNDERGROUND SEWER
- EXIST. SANITARY SEWER
- PROP. 12" RCP

NOTE:  
CONTRACTOR SHALL AUGER CONDUIT & PIPING FOR  
SPRINKLER SYSTEM UNDER PAVEMENT TO REMAIN.



REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312) 939-1000  
CHICAGO IL, 60606 FAX (312) 939-4198

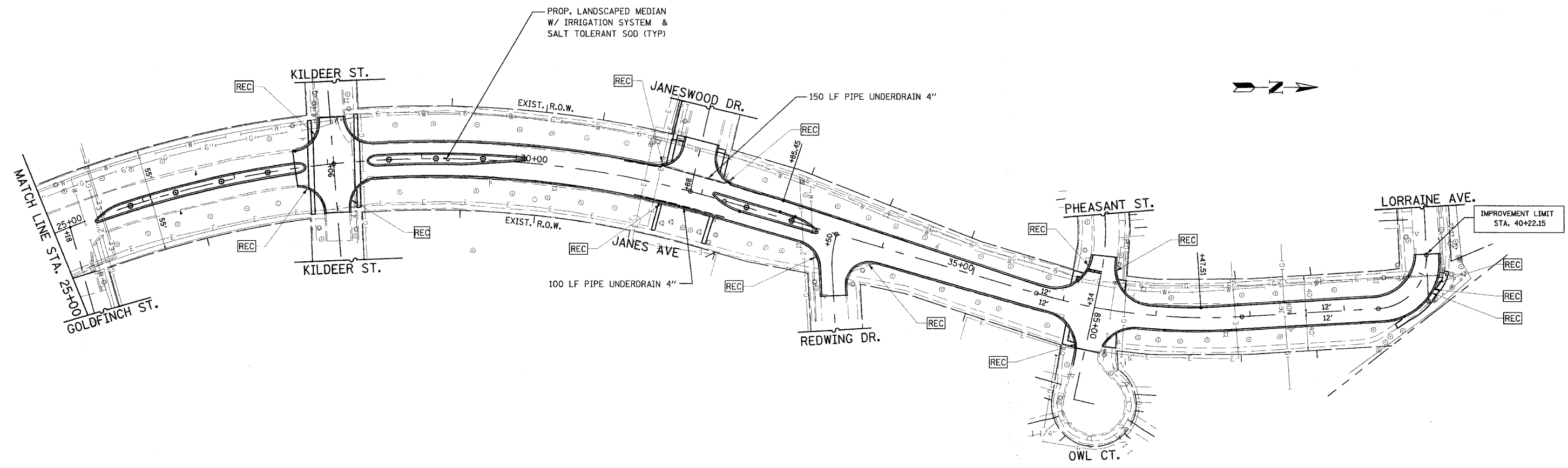
VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
DRAINAGE AND UTILITY PLAN  
STA. 10+15.57 TO STA. 25+00

SCALE: 1" = 50'  
DATE: 11/30/2007

DRAWN BY: VAP  
CHECKED BY: DDL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-PP	DUPAGE	26	11

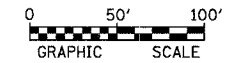
CONTRACT NO. 83995



LEGEND

- [R] STRUCTURE REMOVAL
- [REC] STRUCTURE TO BE RECONSTRUCTED
- [ADJ] STRUCTURE TO BE ADJUSTED
- ✕ LIGHT POLE TO BE RELOCATED/REPLACED
- EXIST. UNDERGROUND SEWER
- - - EXIST. SANITARY SEWER
- PROP. 12" RCP

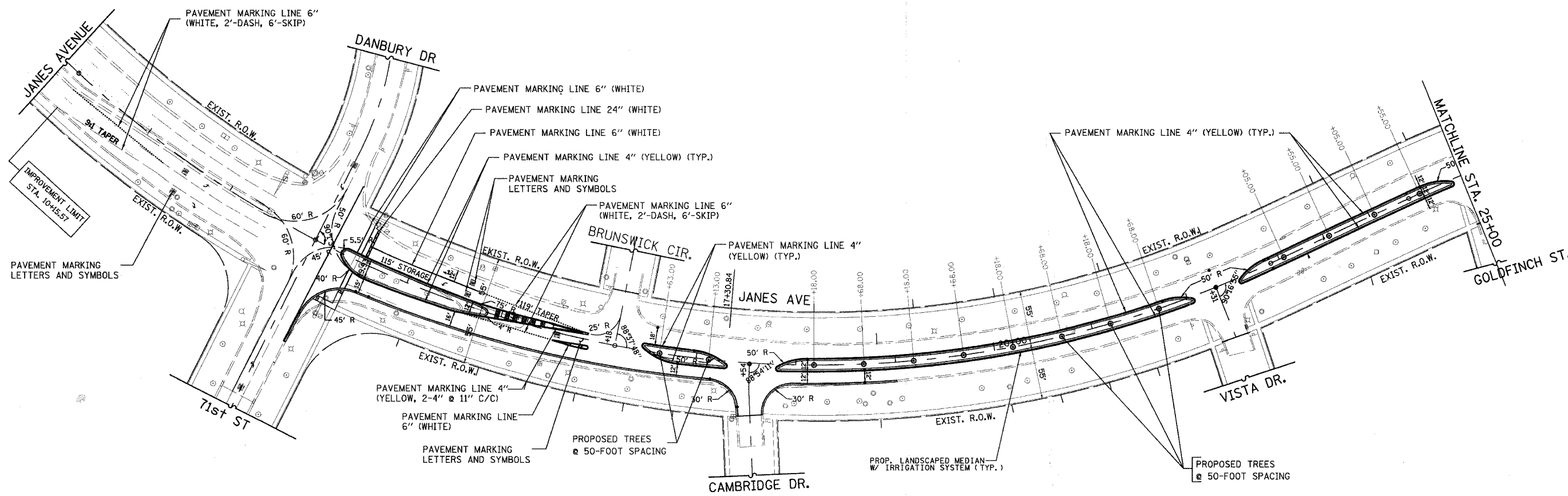
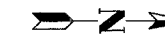
NOTE:  
CONTRACTOR SHALL AUGER CONDUIT & PIPING FOR  
SPRINKLER SYSTEM UNDER PAVEMENT TO REMAIN.



REVISIONS	
NAME	DATE

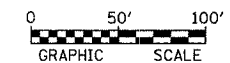
**URS** 100 S. WACKER DR., SUITE 500 TEL: (312) 939-1000  
CHICAGO IL, 60606 FAX: (312) 939-4198

VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
DRAINAGE AND UTILITY PLAN  
STA. 25+00 TO STA. 40+22.15  
SCALE: 1" = 50' DRAWN BY: VAP  
DATE: 11/30/2007 CHECKED BY: DDL



PROPOSED TREE LOCATIONS AT 50-FT SPACING

STATION	TYPE	STATION	TYPE
16+63	GREENSPIRE LINDEN	20+68	GREENSPIRE LINDEN
17+13	FREEMAN MAPLE	21+18	FREEMAN MAPLE
18+18	CALLERY PEAR	21+68	CALLERY PEAR
18+68	GREENSPIRE LINDEN	23+05	GREENSPIRE LINDEN
19+18	FREEMAN MAPLE	23+55	FREEMAN MAPLE
19+68	CALLERY PEAR	24+05	CALLERY PEAR
20+18	GREENSPIRE LINDEN	24+55	GREENSPIRE LINDEN

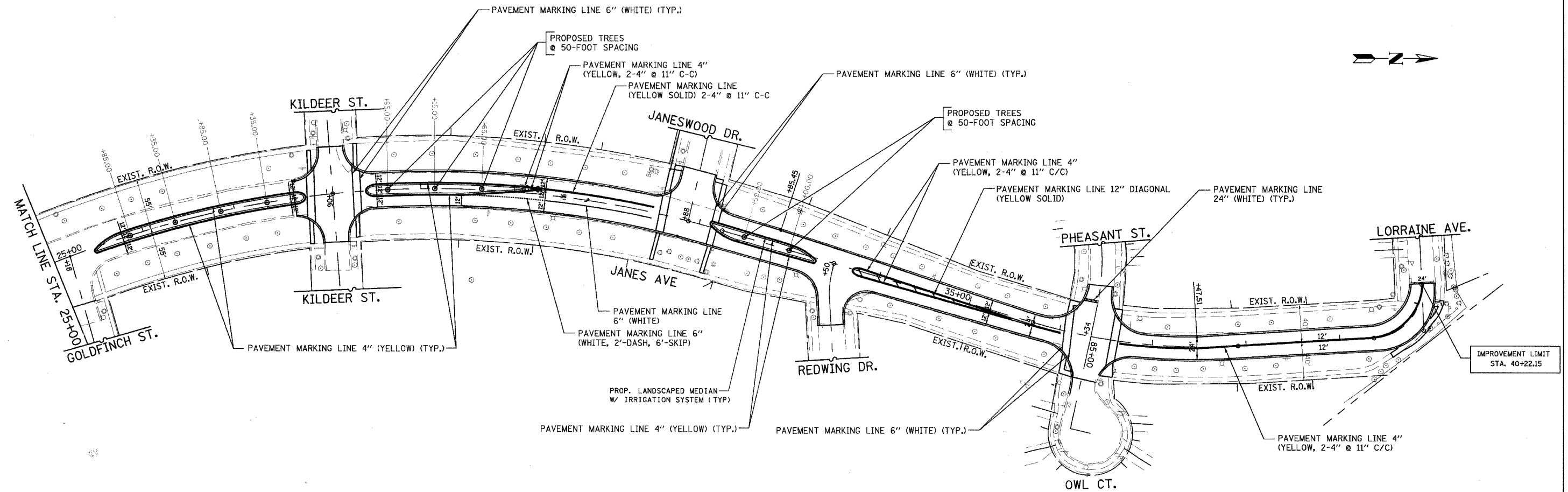


REVISIONS	
NAME	DATE

**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

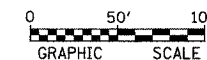
VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
PAVEMENT MARKING AND LANDSCAPING PLAN  
STA. 10+15.7 TO STA. 25+00

SCALE: 1" = 50'  
DATE: 11/30/2007  
DRAWN BY: VAP  
CHECKED BY: DDL



PROPOSED TREE LOCATIONS AT 50-FT SPACING

STATION	TYPE	STATION	TYPE
25+85	CALLERY PEAR	29+15	FREEMAN MAPLE
26+35	GREENSPIRE LINDEN	29+65	CALLERY PEAR
26+85	FREEMAN MAPLE	32+50	GREENSPIRE LINDEN
27+35	CALLERY PEAR	33+00	FREEMAN MAPLE
28+65	GREENSPIRE LINDEN		



REVISIONS	
NAME	DATE

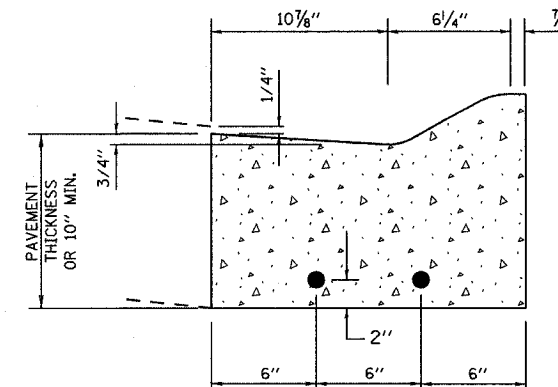
**URS** 100 S. WACKER DR., SUITE 500 TEL (312) 939-1000  
CHICAGO IL, 60606 FAX (312) 939-4198

VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
PAVEMENT MARKING AND LANDSCAPING PLAN  
STA. 25+00 TO STA. 40+22.15

SCALE: 1" = 50' DRAWN BY: VAP  
DATE: 11/30/2007 CHECKED BY: DDL

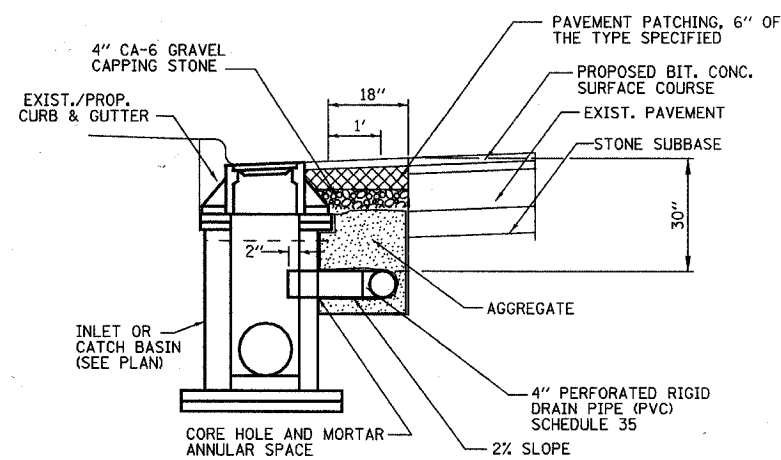
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	D6-00056-00-FP	DUPAGE	26	14

CONTRACT NO. 83995



NOTE:  
USE TWO NO. 5 RE-BARS FOR 10' ON EITHER SIDE OF ALL UTILITY TRENCHES.  
INSTALL 1" EXPANSION JOINT AT POINTS OF CURVATURE, AT CONSTRUCTION JOINTS AND AT A DISTANCE NOT TO EXCEED 60'. CONTRACTION JOINTS SHALL BE PLACED BETWEEN EXPANSION JOINTS AT DISTANCES NOT TO EXCEED 15'.

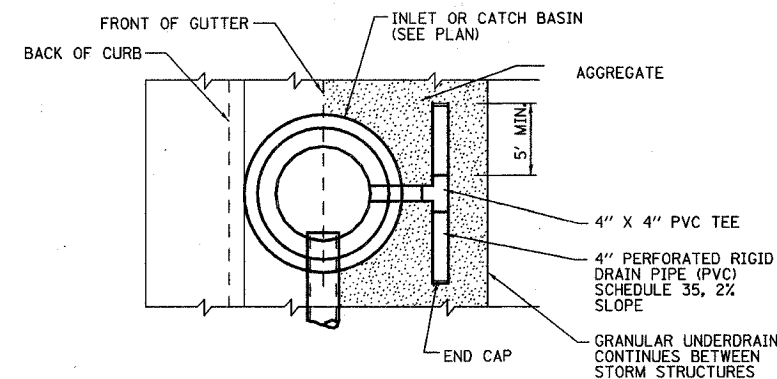
**COMBINATION CURB & GUTTER**



**NOTE:**

- BEDDING MATERIAL AND BACKFILL SHALL BE CA-7 (WASHED) COURSE AGGREGATE
- PIPE UNDERDRAIN SHALL BE ENCASED IN KNITTED FABRIC ENVELOPE

**PAVEMENT UNDERDRAIN-  
CONTINUOUS ALONG EDGE OF PAVEMENT**



REVISIONS	
NAME	DATE

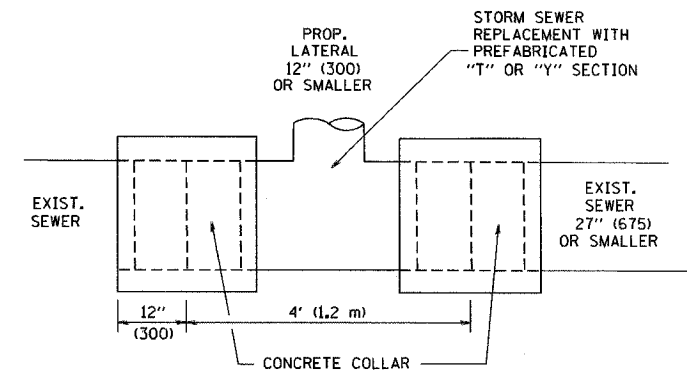
**URS** 100 S. WACKER DR., SUITE 500 TEL (312)-939-1000  
CHICAGO IL, 60606 FAX (312)-939-4198

VILLAGE OF WOODRIDGE  
JANES AVENUE  
71ST STREET TO LORRAINE AVENUE  
REHABILITATION AND RESURFACING  
MISCELLANEOUS DETAILS

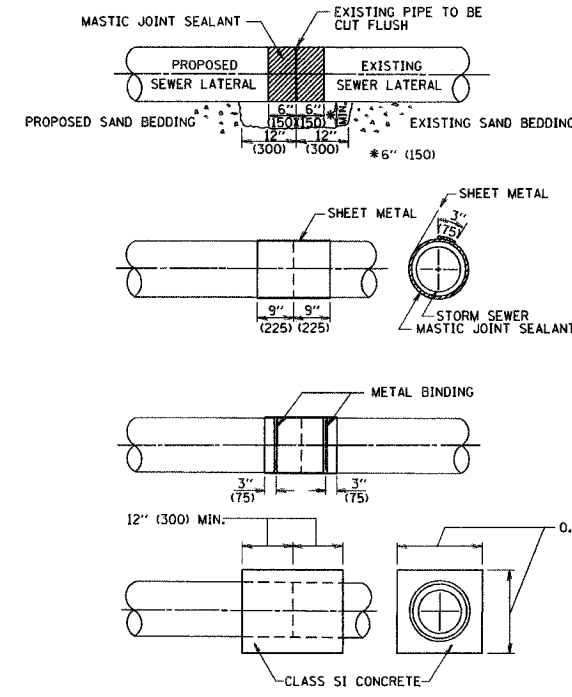
SCALE: NONE DRAWN BY: VAP  
DATE: 11/30/2007 CHECKED BY: DDL



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



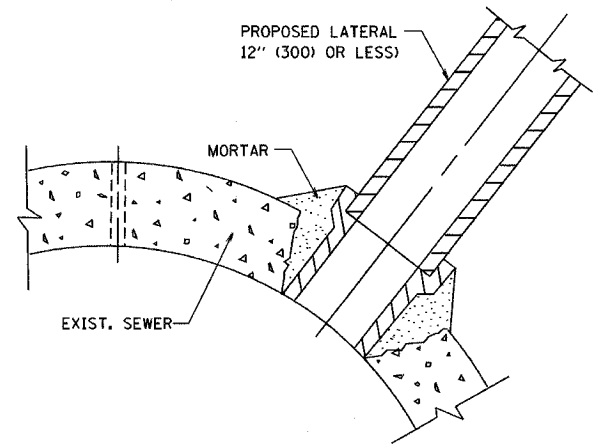
**DETAIL "A"**  
LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



**DETAIL "B"**  
CLASS SI CONCRETE COLLAR

**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 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19, 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) 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 OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**  
PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

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 UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

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

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

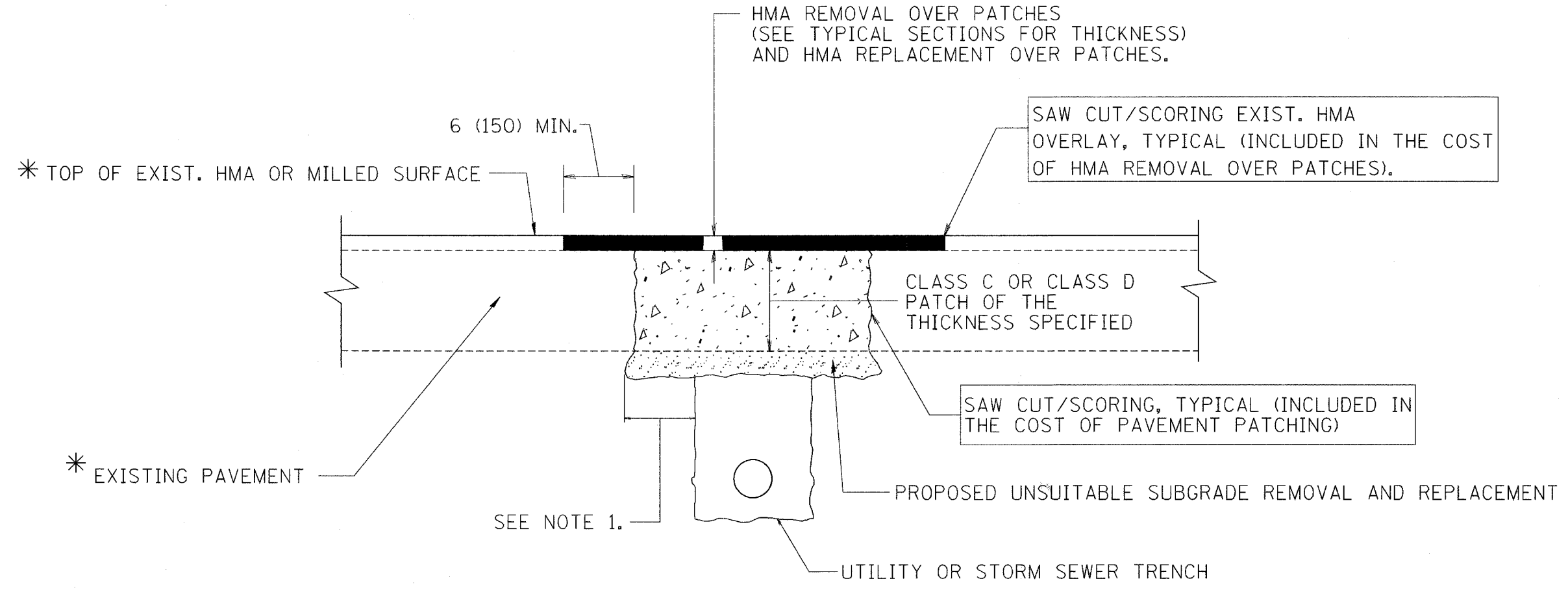
REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER**

SCALE: VERT. NONE  
HORIZ.

DRAWN BY  
CHECKED BY  
BD500-01 (BD-7)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FR	DUPAGE	26	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

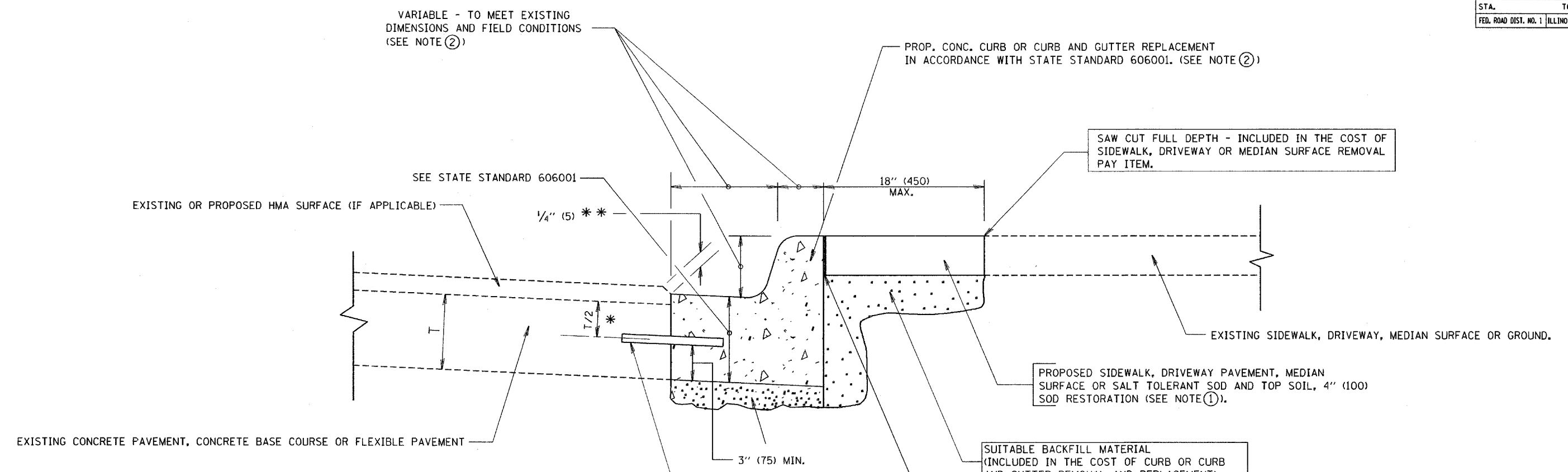
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT**  
 SCALE: VERT. NONE  
 HORIZ. DRAWN BY  
 CHECKED BY

PLOT DATE = 3/5/2007  
 FILE NAME = K:\asv\bd400-04.dgn  
 PLOT SCALE = 50.000 / IN.  
 USER NAME = bboroi

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-F1	DUPAGE	26	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \* \* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

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

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

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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

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

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

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

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

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

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

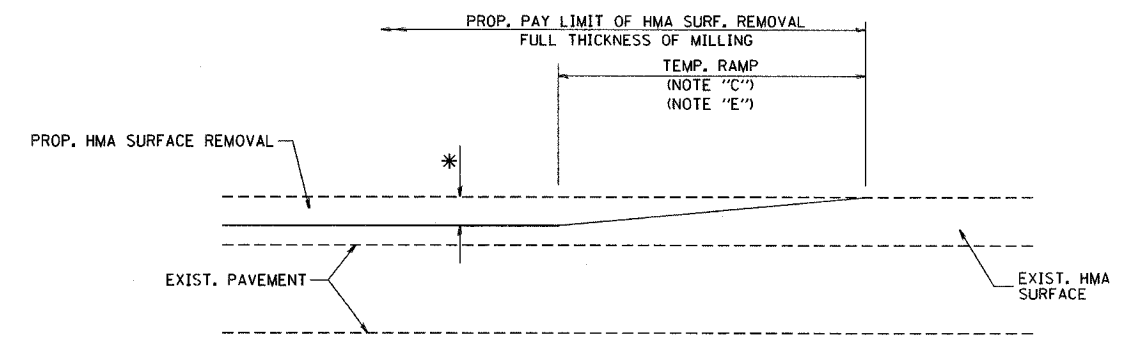
REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE  
HORIZ. \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
BD600-06 (BD-24)

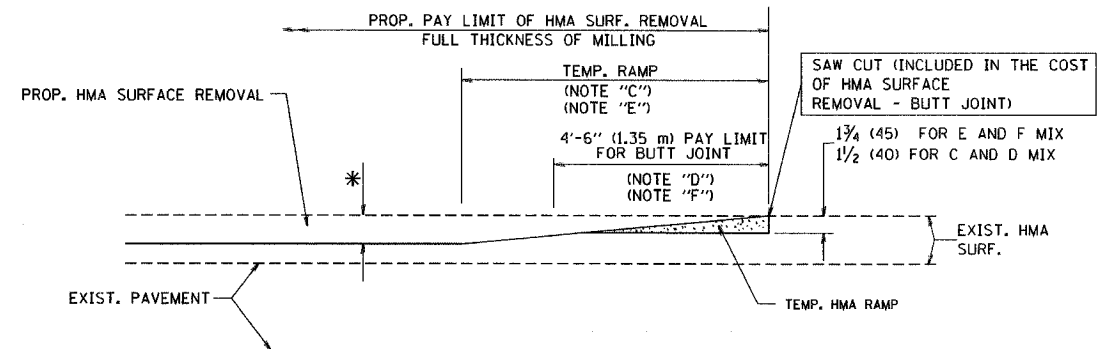
PLOT DATE = 3/6/2007  
FILE NAME = K:\dms\rd\bd600.dgn  
USER NAME = BORO / JL  
USER MAKE = BORO

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00064-00-PP	DUPAGE	26	18
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



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

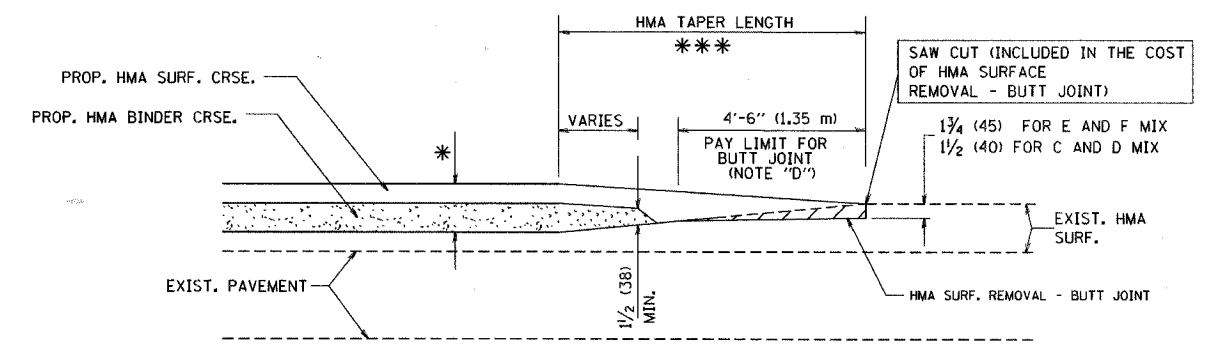
OPTION 1



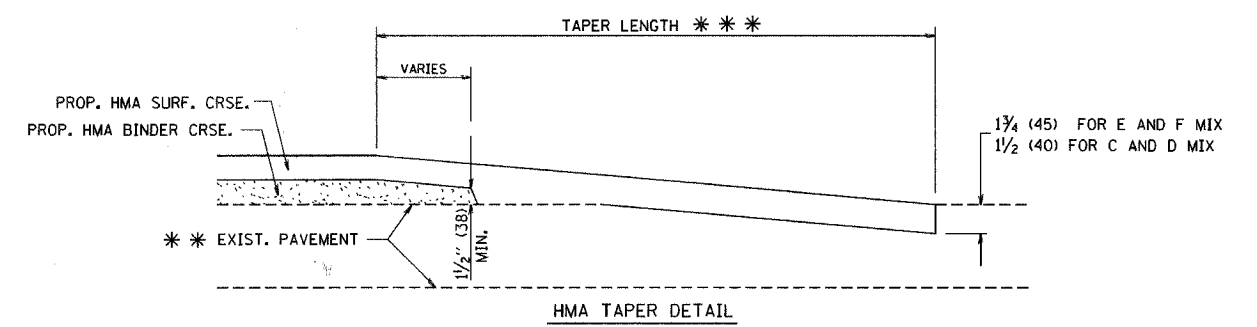
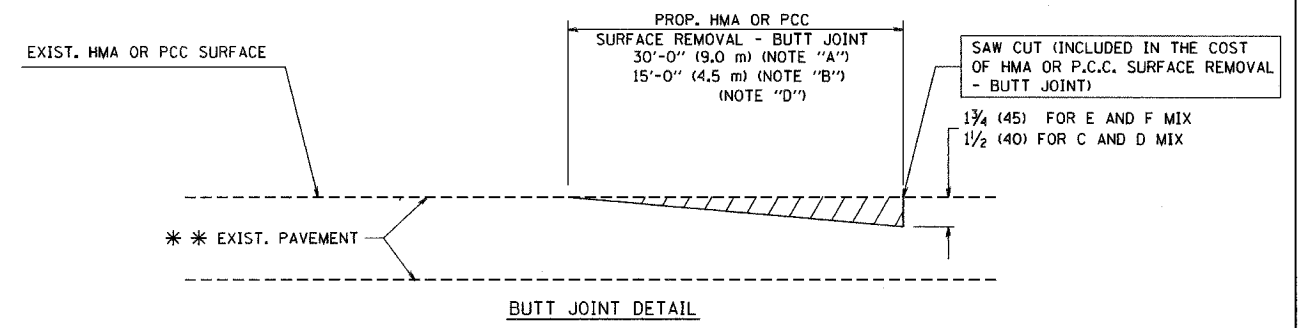
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



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



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE  
HORIZ.

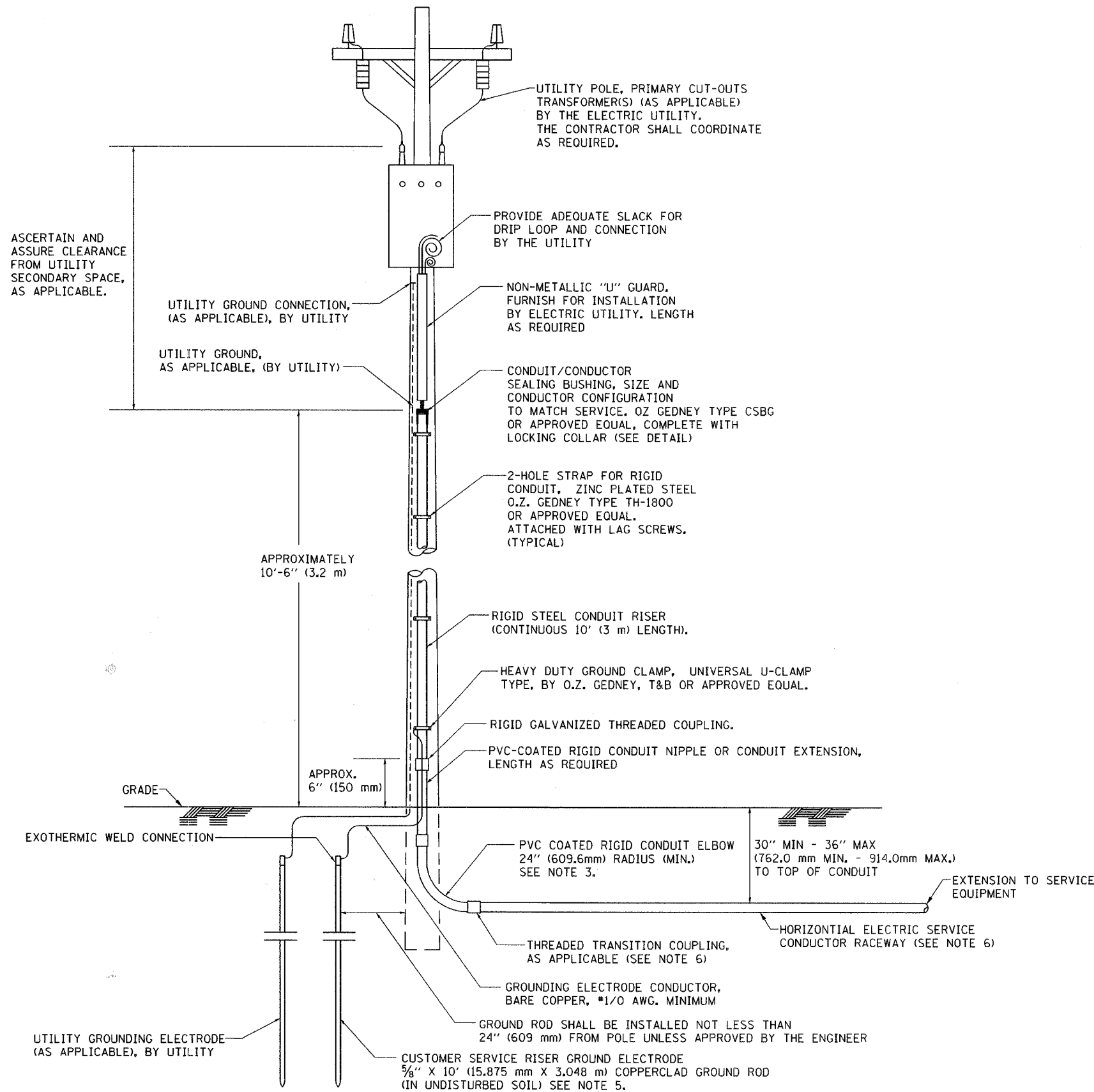
DRAWN BY

CHECKED BY

BD400-05 (VI-BD32)

PLOT DATE = 3/5/2007  
FILE NAME = K:\assttd\bd32.dgn  
PLOT SCALE = 1/8"=1'-0"  
USER NAME = bward

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

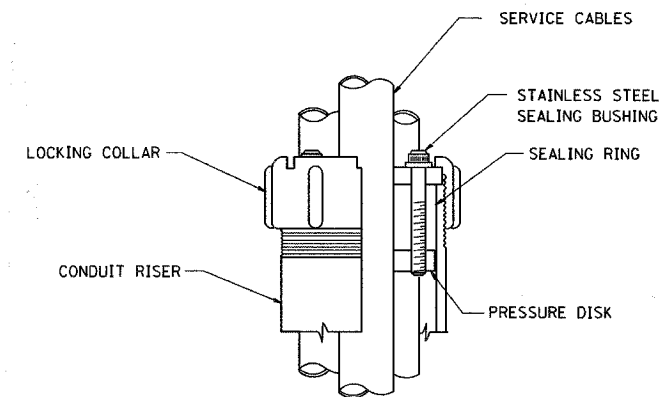


**APPLICATION**

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

**NOTES**

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL

PLOT DATE = 1/9/2007  
 FILE NAME = c:\projects\101010101\101010101.dgn  
 PLOT SCALE = 50.0000 / IN.  
 USER NAME = ulrichhd

BE-220

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ELECTRIC SERVICE INSTALLATION**

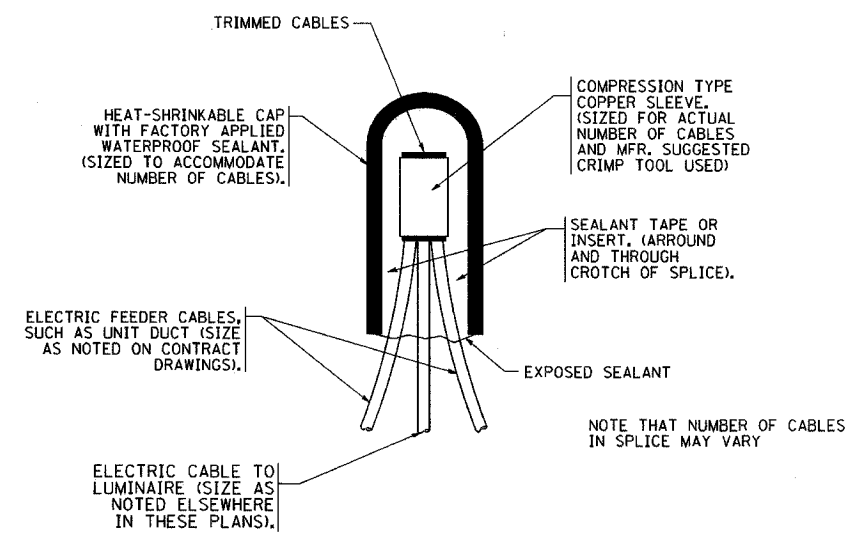
**AERIAL, REMOTE DISCONNECT**

**BE - 220**

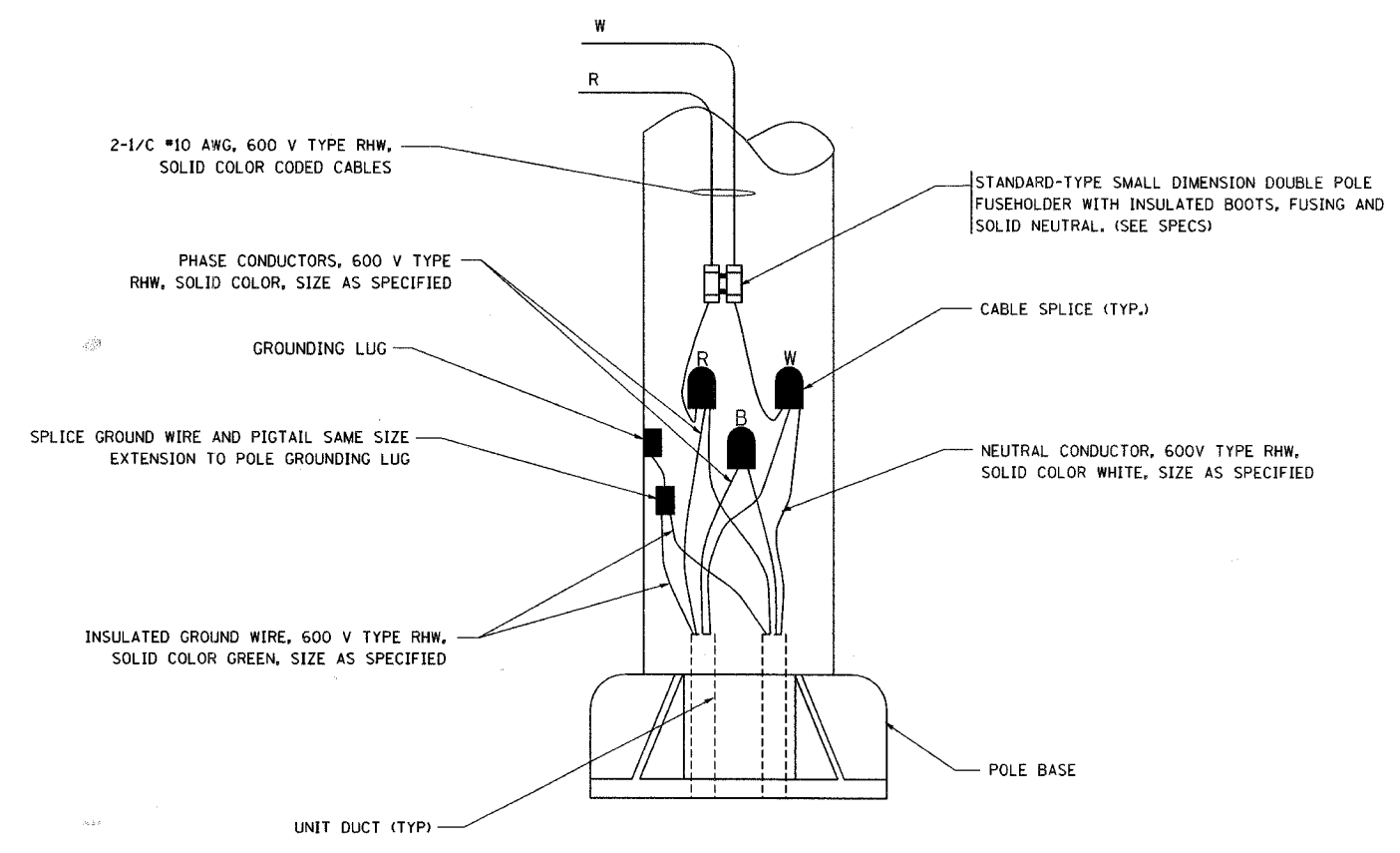
SCALE: NONE  
DATE: 1/9/2007

DRAWN BY  
CHECKED BY MEA

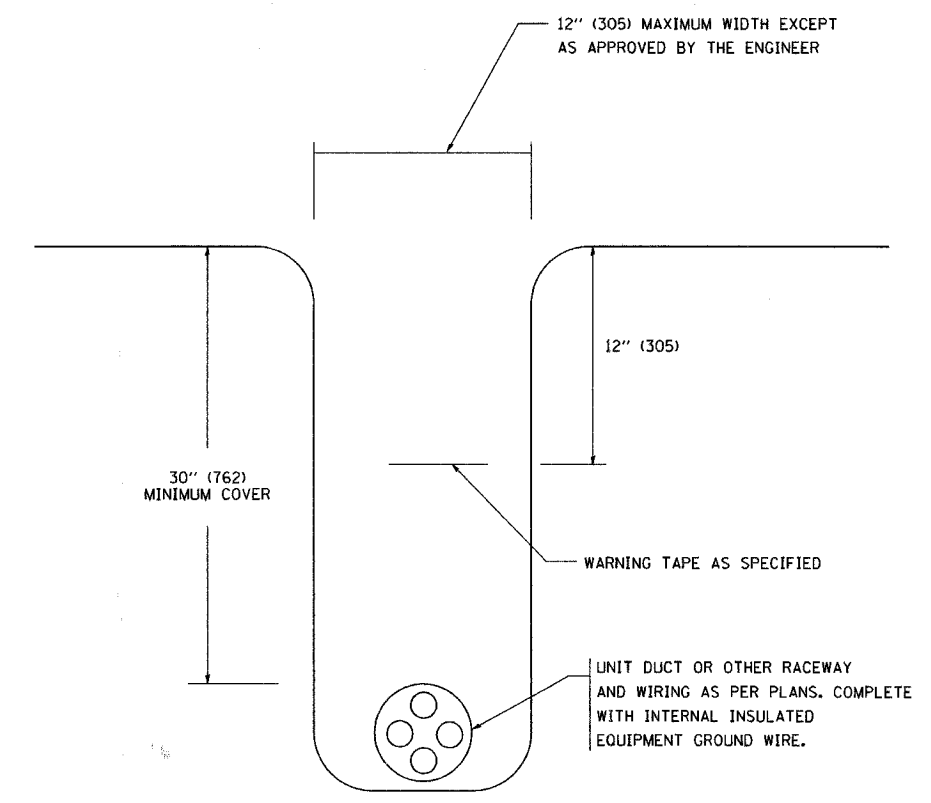
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-PP	DUPAGE	26	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SPLICE DETAIL  
N.T.S.



POLE WIRING DETAIL  
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL  
N.T.S.

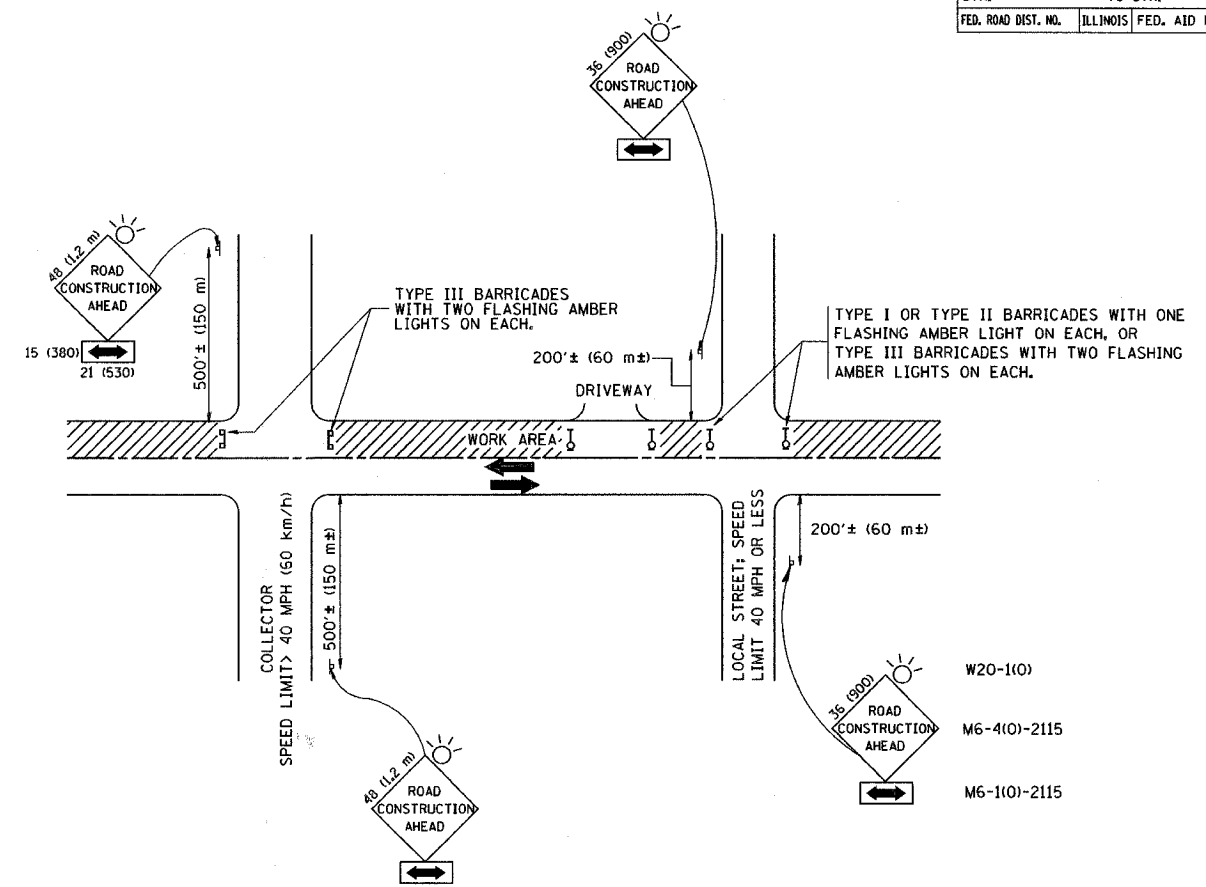
PLOT DATE = 4/16/2007  
FILE NAME = K:\projects\06-00056-00-PP\06-00056-00-PP.dgn  
PLOT SCALE = 1/8" = 1'-0"  
USER NAME = bward

REVISIONS	
NAME	DATE
	08/08/03

ILLINOIS DEPARTMENT OF TRANSPORTATION  
MISC. ELECTRICAL DETAILS  
SHEET A  
SCALE: VERT. NONE  
HORIZ.  
DRAWN BY  
CHECKED BY  
BE-702



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

NOTES:

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

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

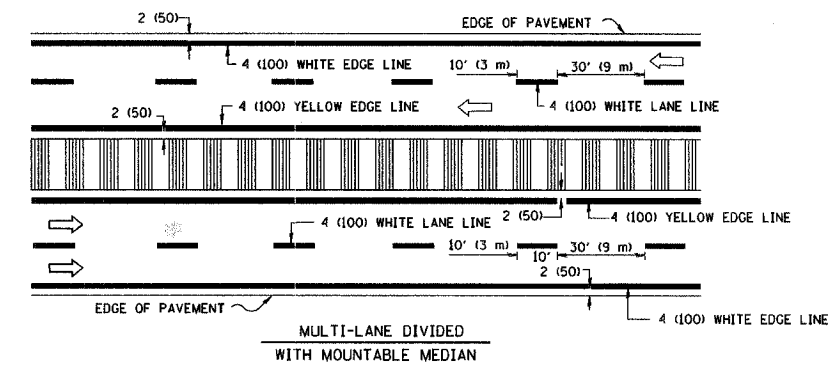
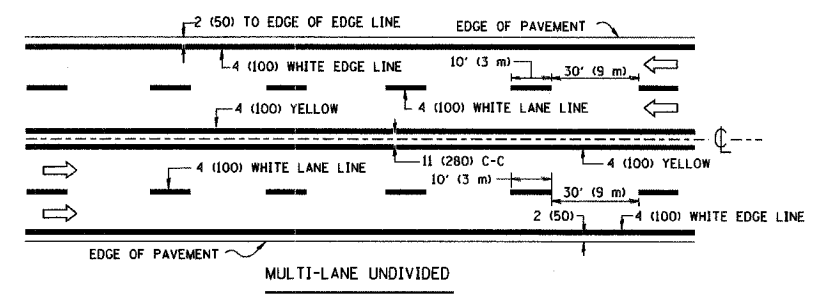
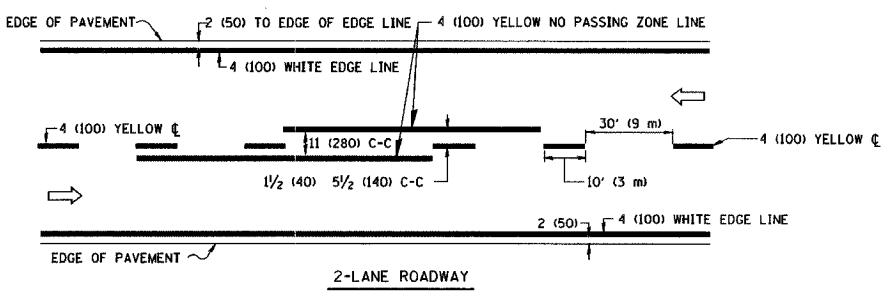
REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

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

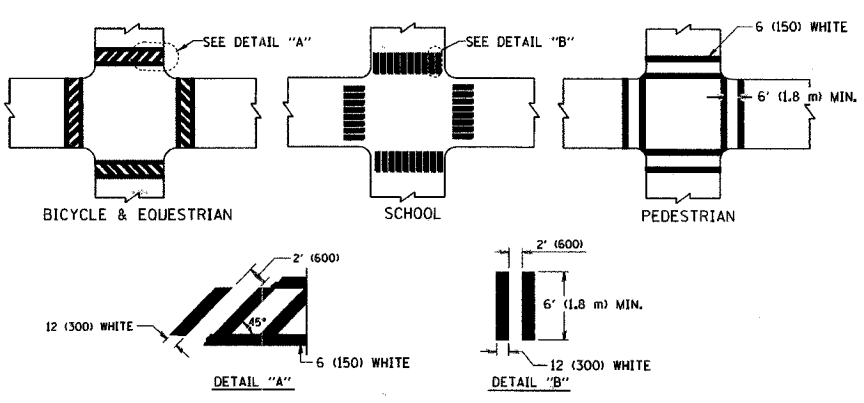
SCALE: NONE  
 DRAWN BY  
 CHECKED BY  
 TC-10

PLOT DATE: 3/6/2007  
 FILE NAME: K:\asstco\1018.dgn  
 PLOT SCALE: 50,000 / IN.  
 USER NAME: bower-d

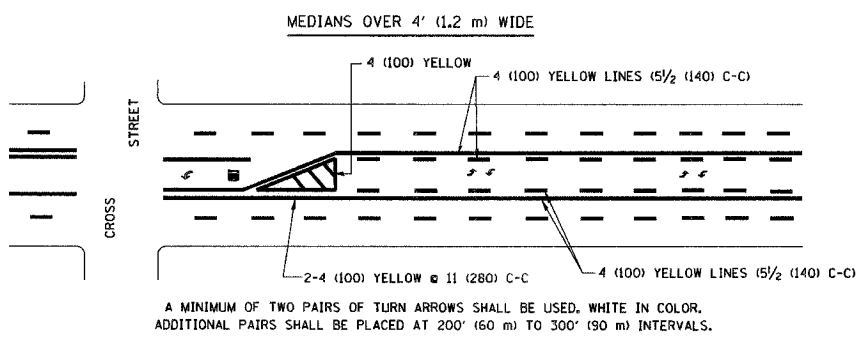
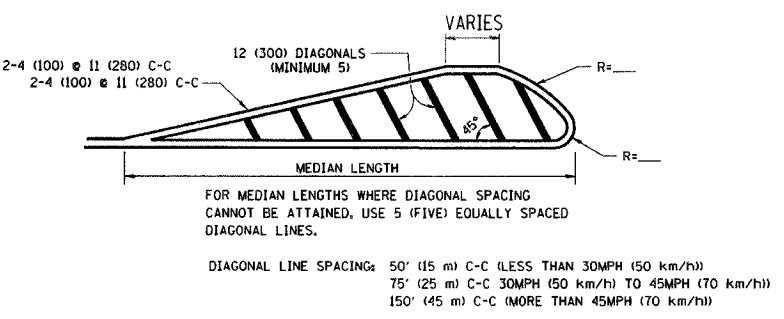
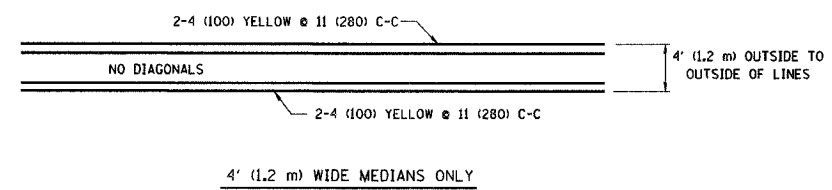
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00086-00-PP	DUPAGE	26	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



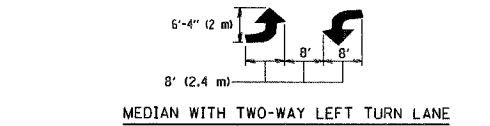
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE  
**TYPICAL LANE AND EDGE LINE MARKING**



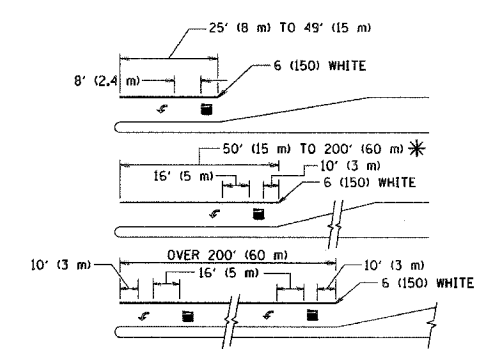
**TYPICAL CROSSWALK MARKING**



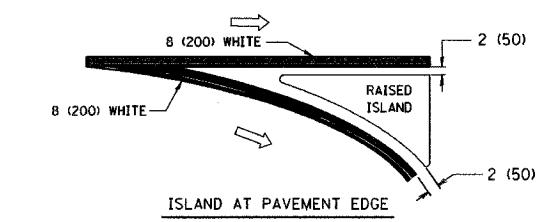
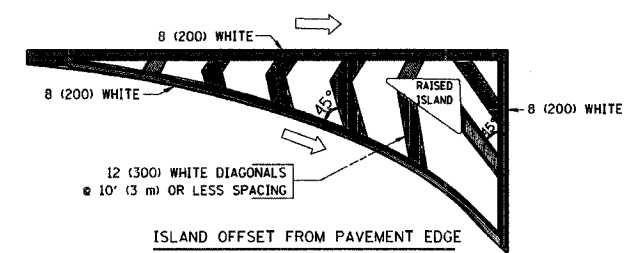
**TYPICAL PAINTED MEDIAN MARKING**



**TYPICAL LEFT (OR RIGHT) TURN LANE MARKING**



**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**

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

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

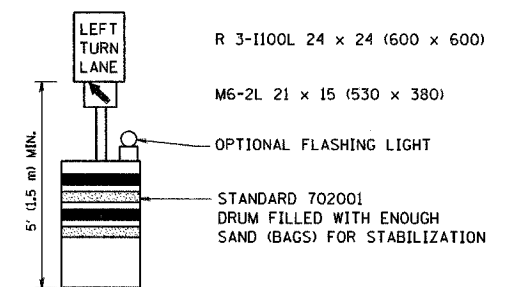
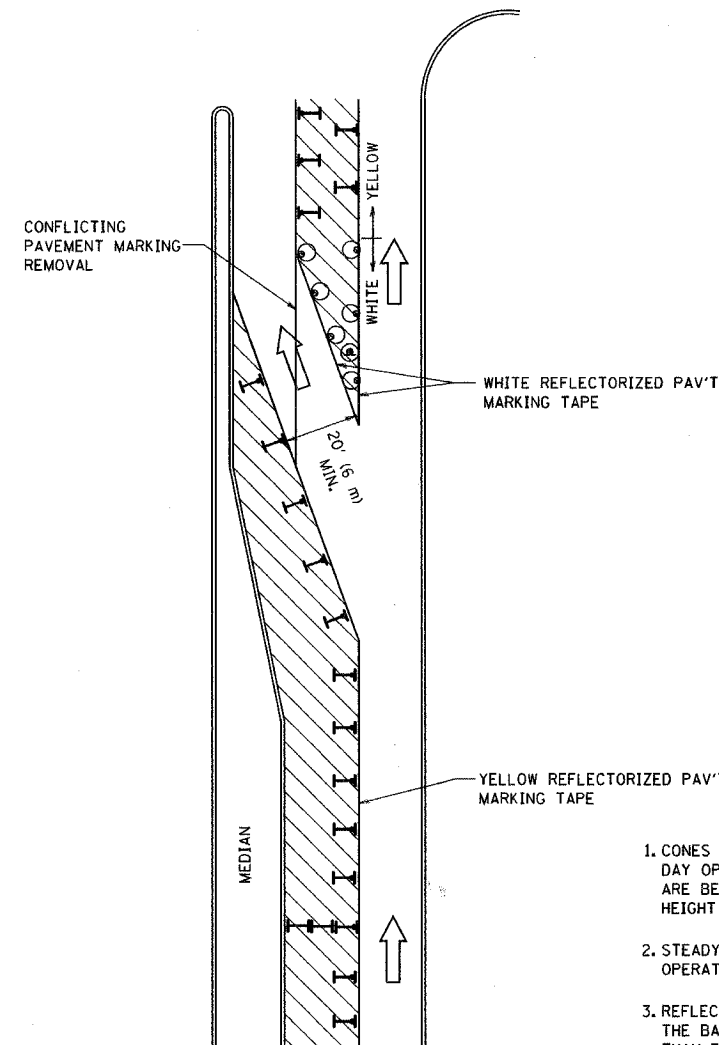
All dimensions are in inches (millimeters) unless otherwise shown.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT ONE  
 TYPICAL PAVEMENT  
 MARKINGS**  
 SCALE: NONE  
 DRAWN BY CADD  
 CHECKED BY  
 TC-13

PLOT DATE = 3/6/2007  
 FILE NAME = K:\asstcad\21131.dgn  
 PLOT SCALE = 1/8"=1'-0" / IN.  
 USER NAME = bward







F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2588	06-00056-00-FP	DUPAGE	26	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**GENERAL NOTES**

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

**LEGEND**

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

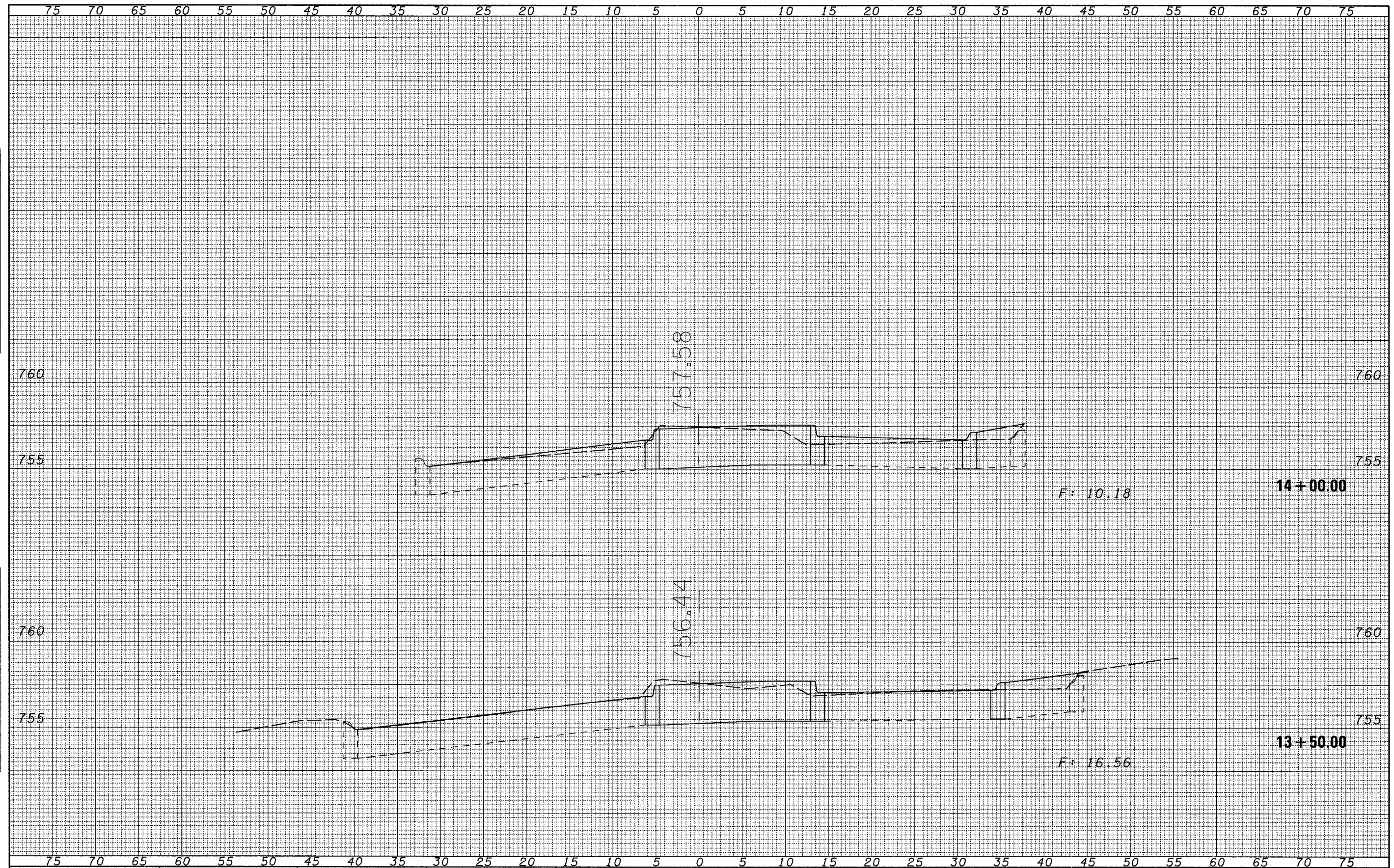
All dimensions are in inches (millimeters) unless otherwise shown.

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

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

SCALE: NONE  
 DRAWN BY  
 CHECKED BY LHA  
 TC-14

PLOT DATE = 2/6/2007  
 FILE NAME = K:\asstd\td\td.dgn  
 PLOT SCALE = 50,0000 / IN.  
 USER NAME = bwardt

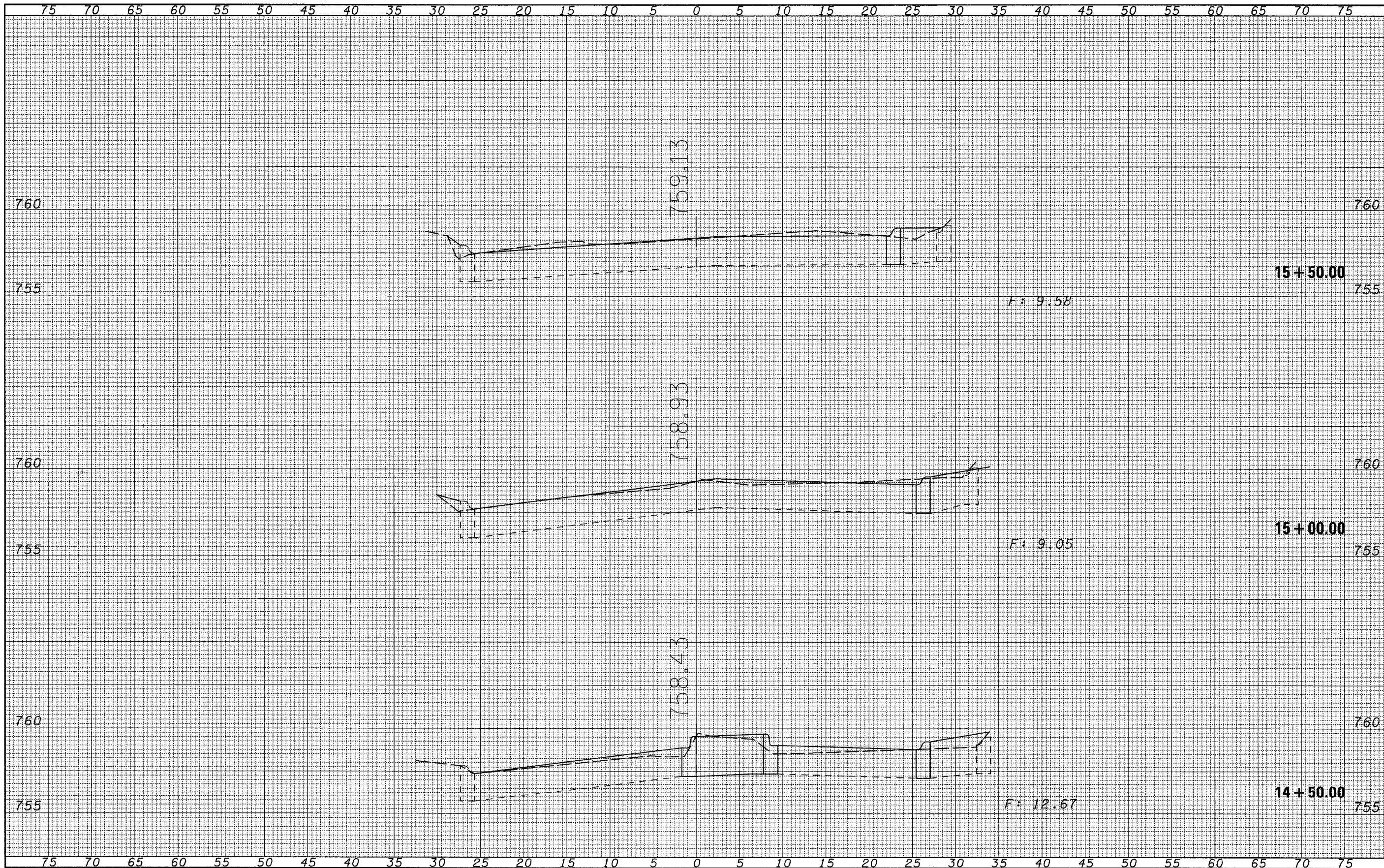


FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>JANES AVENUE - CROSS SECTIONS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
*FILEL*		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 13+50.00	TO STA. 14+00.00	2588	06-00056-00-FP	DUPAGE	26	24
		CHECKED -	REVISED -										CONTRACT NO. 83995		
		DATE -	REVISED -												





FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>JANES AVENUE - CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	2588	06-00056-00-FP	DUPAGE	26	25
		CHECKED -	REVISED -		STA. 14+50.00	TO STA. 15+50.00			CONTRACT NO. 83995				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT						



