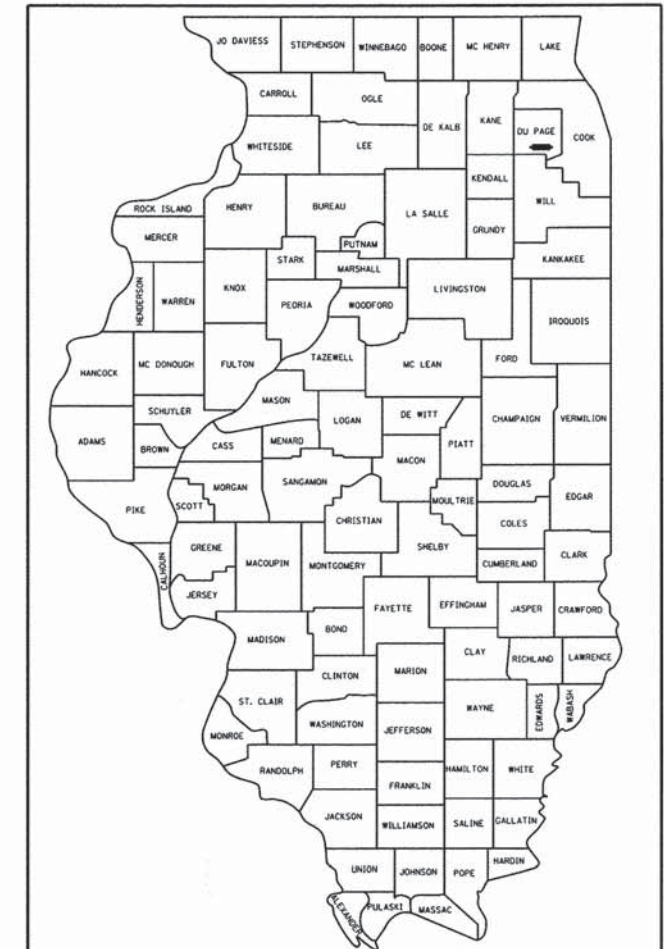


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISIONS OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAU 1551 (83RD STREET)
JANES AVENUE TO LEMONT ROAD
RESURFACING
SECTION: 15-00072-00-RS
PROJECT NO: M-4003(641)
VILLAGE OF WOODRIDGE
DUPAGE COUNTY
JOB NO: C-91-158-16

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	1
		ILLINOIS	CONTRACT NO. 61C53	

C-91-158-16

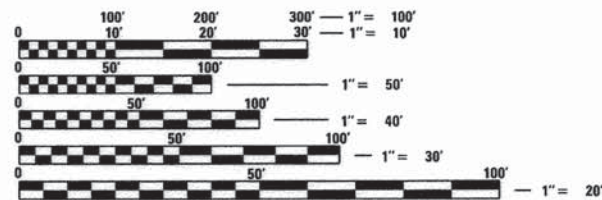


LOCATION OF SECTION INDICATED THUS: - [shaded box] -

SEE INDEX OF SHEETS ON SHEET 2

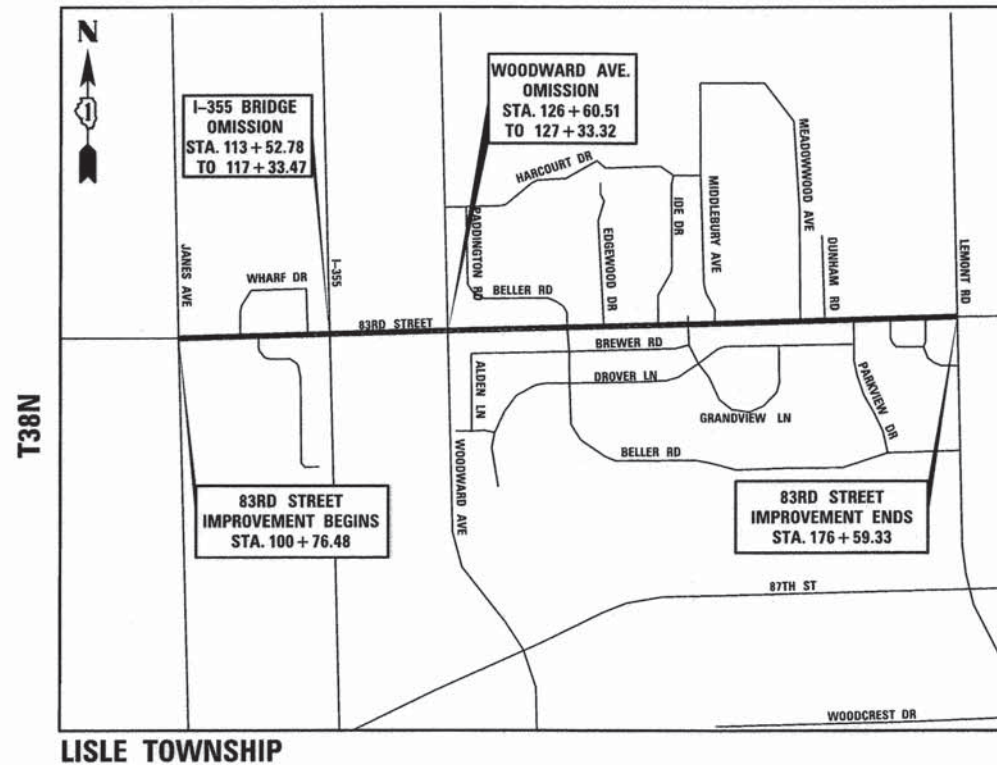
TRAFFIC INFORMATION

CLASSIFICATION MINOR ARTERIAL
DESIGN SPEED = 35 MPH
POSTED SPEED = 30 MPH
ADT (2010) = 15250



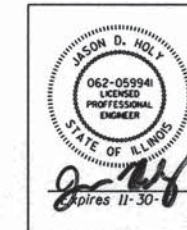
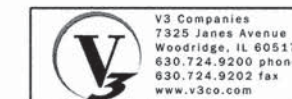
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 7582.84 FT. = 1.44 MILES
NET LENGTH = 7130.28 FT. = 1.35 MILES



JASON D. HOLY
PROJECT MANAGER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

Approved Jan. 25th, 2016
C. B.
VILLAGE OF WOODRIDGE, DIRECTOR OF PUBLIC WORKS

Passed FEBRUARY 10, 2016
C. Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

Released for Bid
Based on Limited Review February 16, 2016
John F. Williams
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
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- 11 - 17 PROPOSED IMPROVEMENTS PLANS & SCHEDULES
- 18 - 29 DETAIL DRAWINGS

GENERAL NOTES

1. 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 APRIL 1, 2016 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", IN EFFECT ON THE DATE OF THE INVITATION OF BIDS; 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.

2. PROJECT COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE ENGINEER, VILLAGE CONTACT AT 630-719-2941 AND V3 COMPANIES AT 630-724-9200 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 OF ANY STREET AND/OR PARK PROPERTY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

3. TRAFFIC CONTROL AND MAINTENANCE:

THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT ONLY ONE TEMPORARY LANE CLOSURE ON ONE STREET IN ONE DIRECTION IS IMPLEMENTED AT A TIME. A LANE CLOSURE WILL ONLY BE PERMITTED DURING CONSTRUCTION OPERATIONS AND IN ACCORDANCE WITH THE APPLICABLE IDOT STANDARDS. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES, INCLUDING FLAGGERS, REQUIRED TO MAINTAIN TRAFFIC FLOW.

4. SAW CUTTING FOR REMOVAL:

THE CONTRACTOR SHALL MAKE ALL FULL DEPTH SAW CUT AT THE EDGE OF PAVEMENT ADJACENT TO THE REMOVAL OF ALL CONCRETE CURB OR COMBINATION CONCRETE CURB AND GUTTER. THE CONTRACTOR SHALL MAKE ALL FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB AND GUTTERS, SIDEWALKS, AND DRIVEWAYS 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.

5. CLEAN-UP/DISPOSAL/DAMAGE:

A. 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 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.

B. ANY DAMAGE CAUSED BY THE CONTRACTOR TO EXISTING PAVEMENT, CURB & GUTTER, OR SIDEWALK NOT SHOWN TO BE REMOVED OR WORKED ON DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE

6. CONSTRUCTION LIMITS:

THE CONTRACTOR SHALL CONFINE OPERATIONS WITH IN THE CONSTRUCTION LIMITS OF THE PROJECT. ANY DAMAGE CAUSED BY THE CONTRACTOR INSIDE OF SAID CONSTRUCTION LIMITS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

7. PROPERTY ACCESS:

DURING CONSTRUCTION, ALL SIGNS, BARRICADES AND TEMPORARY PAVEMENT MARKINGS WILL CONFORM TO THE MUTCD AND ILLINOIS MUTCD. VEHICULAR ACCESS TO LOCAL PROPERTIES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, EXCEPT WHEN CONSTRUCTION OPERATIONS OCCUR DIRECTLY ON OR IN FRONT OF DRIVEWAYS. IN THIS CASE, FLAG PERSONS WILL BE USED TO DIRECT AND CONTROL TRAFFIC.

8. 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.

9. MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAY CLEANING

ALL CLEANING TO BE PERFORMED FOR THE INSTALLATION OF "MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS" IS INCLUDED IN THE UNIT PRICE OF PAY ITEM "40600400".

IDOT HIGHWAY STANDARDS	
000001-06	STANDARD SYMBOLS ABBREVIATION AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	DIAGONAL CURB RAMPS
424016-02	MIDBLOCK CURB RAMPS
424021-03	DEPRESSED CORNER FOR SIDEWALK
424026-01	ENTRANCE ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN - TYPE A
604001-04	FRAME AND LIDS - TYPE 1
604086-03	FRAME AND GRATE - TYPE 23
604091-03	FRAME AND GRATE - TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15" TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATION DAY ONLY
701427-04	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, W/ BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

IDOT DISTRICT 1 STANDARDS	
BD08	DETAILS FOR FRAME AND LIDS ADJUSTMENT WITH MILLING
BD24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD32	BUTT JOINTS AND HMA TAPER
BD33	HMA TAPER AT EDGE OF PCC PAVEMENT
BD34	DETAIL FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC22	ARTERIAL ROAD INFORMATION SIGN
TS05	DETECTOR LOOP WIRING SCHEMATIC
TS07	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 75% FEDERAL 25% LOCAL 0005
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	727	727
25000110	SEEDING, CLASS 1A	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23
25100630	EROSION CONTROL BLANKET	SO YD	727	727
28000510	INLET FILTERS	EACH	81	81
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	26,197	26,197
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS	TON	59	59
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,601	1,601
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	163	163
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SO YD	571	571
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3,261	3,261
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SO FT	4,797	4,797
42400800	DETECTABLE WARNINGS	SO FT	572	572
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	32,131	32,131
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,521	2,521
44000600	SIDEWALK REMOVAL	SO FT	4,797	4,797
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SO YD	150	150
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SO YD	250	250
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SO YD	100	100
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SO YD	140	140
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SO YD	208	208
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SO YD	120	120
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3
60404940	FRAMES AND GRATES, TYPE 23	EACH	2	2
60404950	FRAMES AND GRATES, TYPE 24	EACH	1	1
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1
60500050	REMOVING CATCH BASINS	EACH	2	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	165	165
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,159	1,159
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,198	1,198
67100100	MOBILIZATION	LSUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 75% FEDERAL 25% LOCAL 0005
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,188	6,188
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1,805	1,805
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	790	790
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23,218	23,218
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6,590	6,590
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,651	3,651
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	148	148
78300100	PAVEMENT MARKING REMOVAL	SO FT	372	372
88600600	DETECTOR LOOP REPLACEMENT	FOOT	840	840
X0327611	REMOVE AND REINSTALL BRICK PAVER	SO FT	357	357
X440A300	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH	SO YD	1,626	1,626
X6025300	CATCH BASIN TO BE ADJUSTED (SPECIAL)	EACH	55	55
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2	2
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	13	13
X8140215	HEAVY-DUTY HANDHOLE TO BE ADJUSTED	EACH	1	1
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	3	3
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	103	103

* SPECIALTY ITEM



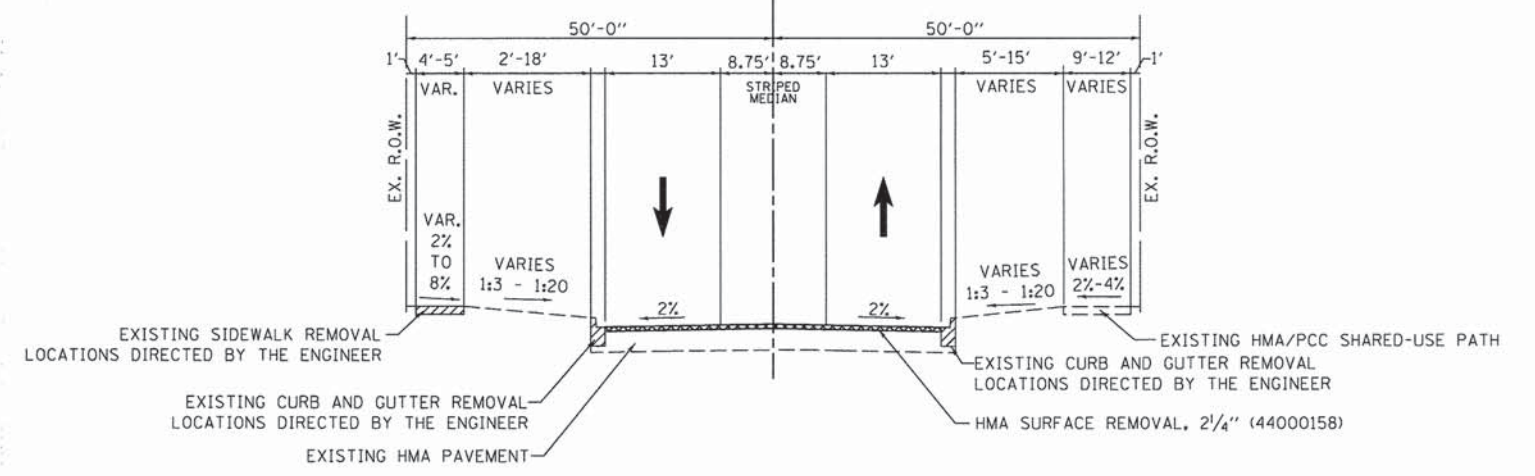
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	DATE - 01/25/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY	TOTAL SHEETS 29	SHEET NO. 3
SHEET 1 OF 1 SHEETS STA.		TO STA.		CONTRACT NO. 61053
ILLINOIS FED. AID PROJECT				

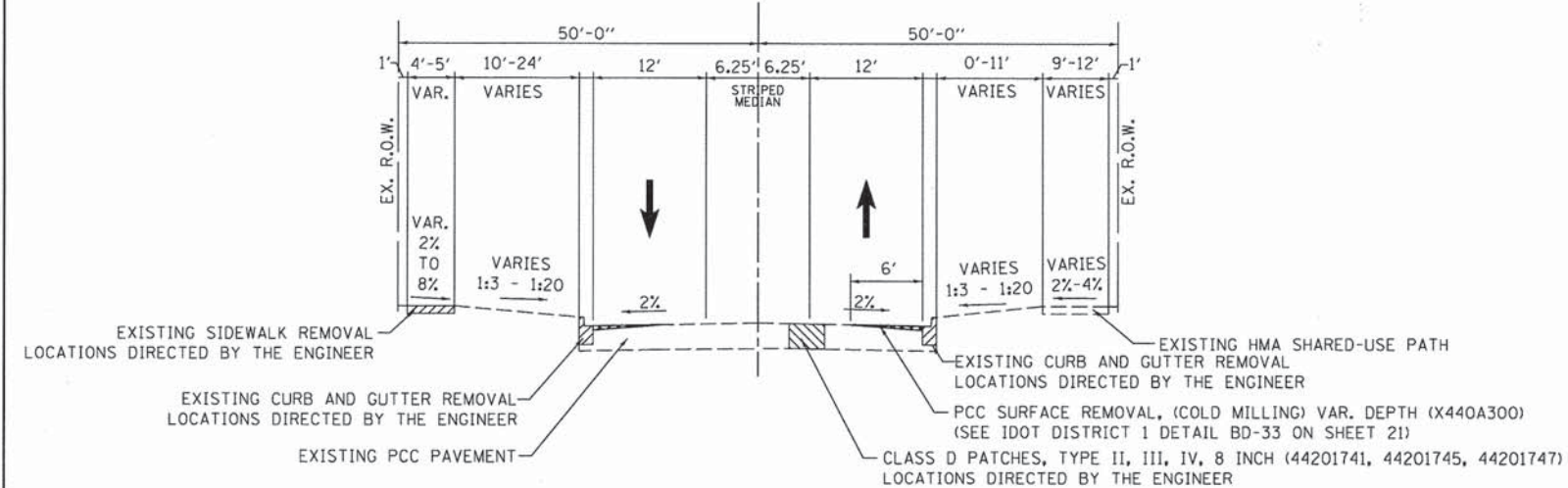
CL 83RD STREET



EXISTING TYPICAL SECTION

STA 143+62.58 TO STA 168+71.37
83RD STREET EAST SECTION

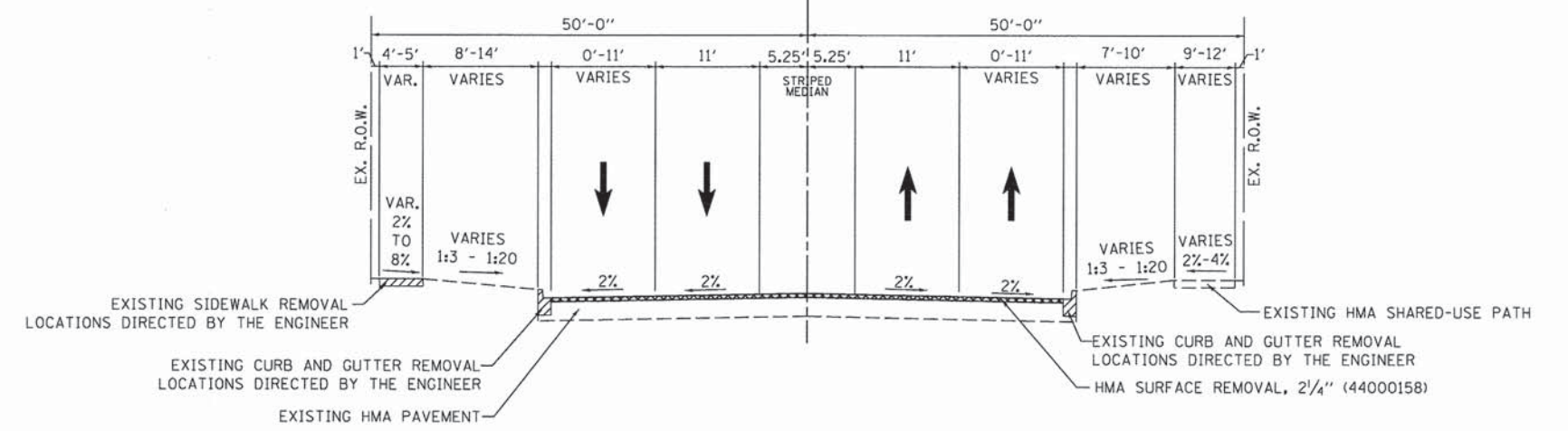
CL 83RD STREET



EXISTING TYPICAL SECTION

STA 100+76.48 TO STA 113+52.78
83RD STREET WEST SECTION
I-355 BRIDGE OMISSION - STA 113+52.78 TO STA. 117+33.47

CL 83RD STREET



EXISTING TYPICAL SECTION

STA 117+33.47 TO STA 143+62.58
WOODWARD AVE. OMISSION - STA. 126+60.51 TO STA. 127+33.32
STA 168+71.37 TO STA 176+59.33
83RD STREET EAST SECTION



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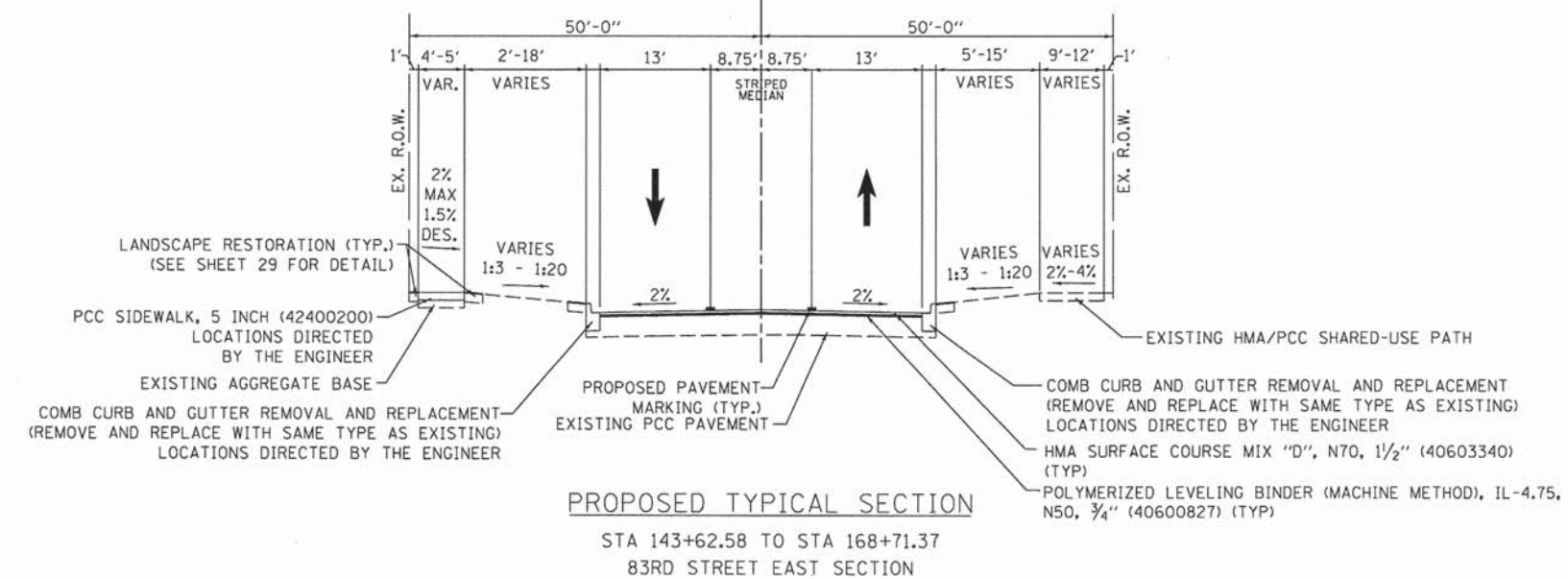
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
EXISTING TYPICAL SECTIONS**

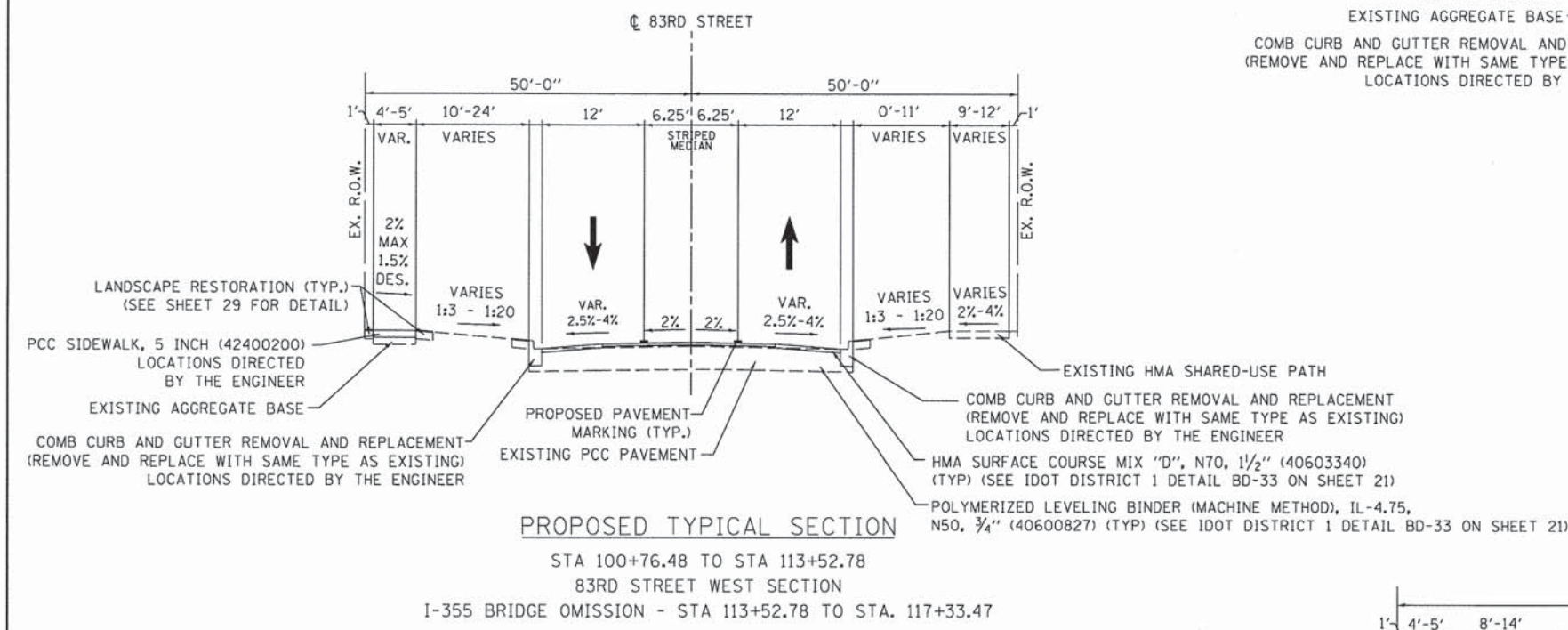
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F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 4
				CONTRACT NO. 61C53
ILLINOIS FED. AID PROJECT				

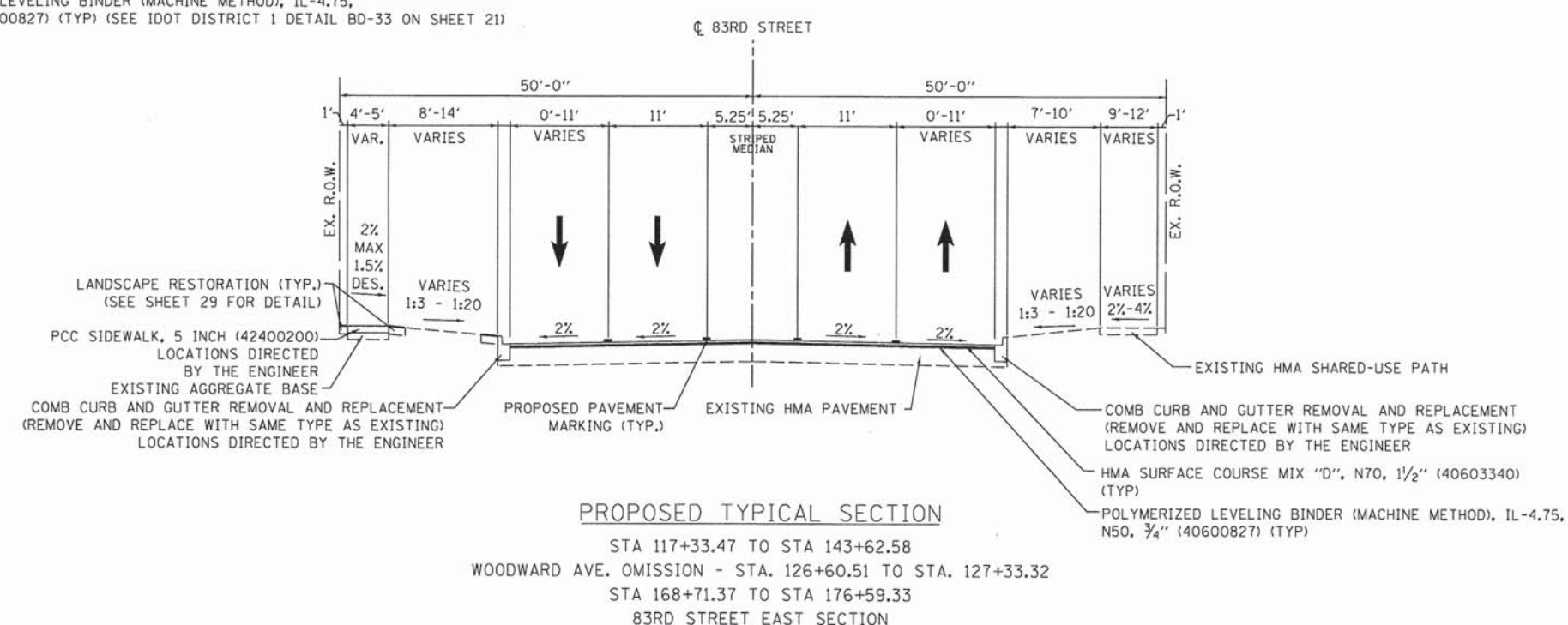
CL 83RD STREET



PROPOSED TYPICAL SECTION
 STA 143+62.58 TO STA 168+71.37
 83RD STREET EAST SECTION



PROPOSED TYPICAL SECTION
 STA 100+76.48 TO STA 113+52.78
 83RD STREET WEST SECTION
 I-355 BRIDGE OMISSION - STA 113+52.78 TO STA. 117+33.47



PROPOSED TYPICAL SECTION
 STA 117+33.47 TO STA 143+62.58
 WOODWARD AVE. OMISSION - STA. 126+60.51 TO STA. 127+33.32
 STA 168+71.37 TO STA 176+59.33
 83RD STREET EAST SECTION

- UNIT WEIGHT USED TO CALCULATE MOST HOT-MIX ASPHALT MIXTURES IS 112 LBS/SO YD/IN. FOR LEVELING BINDER USE 110 LBS/SO YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

HOT-MIX ASPHALT REQUIREMENTS	
MIXTURE TYPE	VOIDS
83RD STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm) 1 1/2"	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 GYR
CLASS D PATCHES (HMA BINDER IL-19MM), 8"	4% @ 70 GYR.
CLASS D PATCHES (HMA BINDER IL-19MM), 5"	4% @ 70 GYR.



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 DRAWN - BAH
 CHECKED - JDH
 DATE - 01/25/15

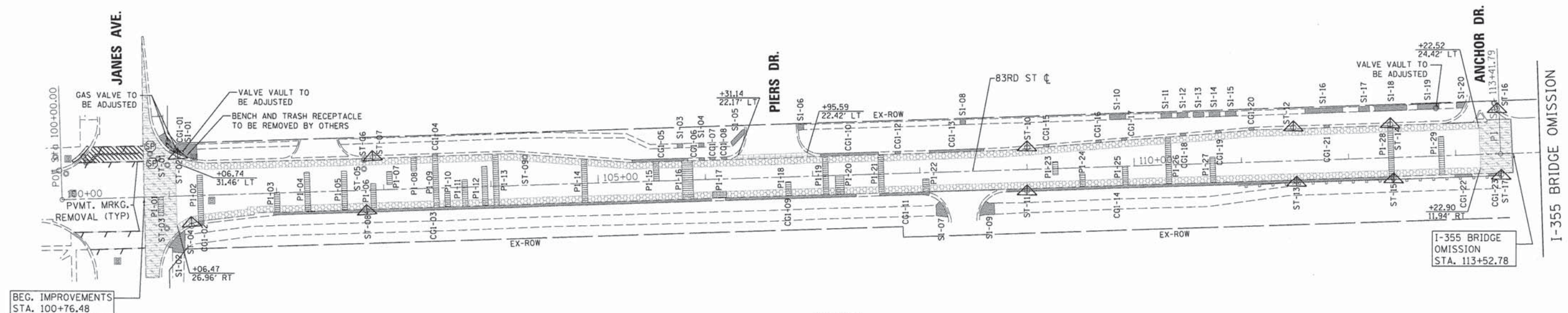
REVISIONS
 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
 PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.J. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 5
CONTRACT NO. 61C53			ILLINOIS FED. AID PROJECT	












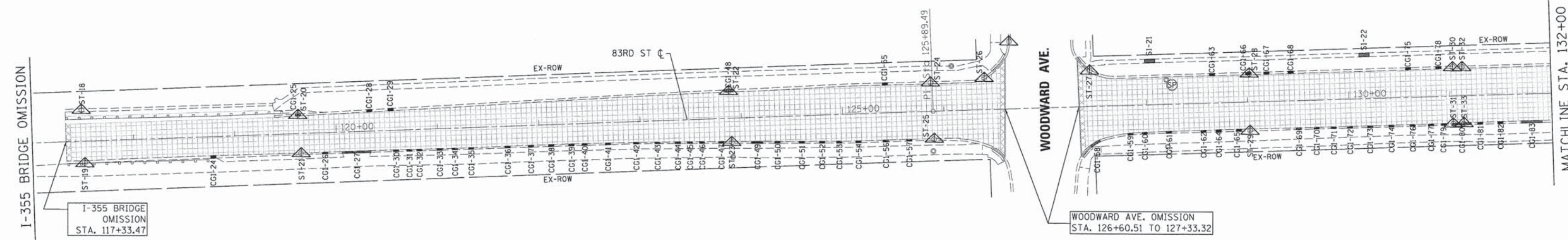
BEG. IMPROVEMENTS
STA. 100+76.48

I-355 BRIDGE
OMISSION
STA. 113+52.78

I-355 BRIDGE
OMISSION

LEGEND

-  CLASS D PATCHING, 8"
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  HMA SURFACE REMOVAL, 2 1/4"
-  FRAME AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)
-  PCC SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH
-  HMA SURFACE REMOVAL - BUTT JOINT
-  PCC SURFACE REMOVAL - BUTT JOINT
-  INLET FILTER



I-355 BRIDGE
OMISSION
STA. 117+33.47

WOODWARD AVE. OMISSION
STA. 126+60.51 TO 127+33.32

MATCHLINE STA. 132+00

NOTES:
1. EROSION CONTROL BLANKET (25100630), SEEDING, CLASS 1A (25000110), NITROGEN FERTILIZER NUTRIENT (25000400), PHOSPHORUS FERTILIZER NUTRIENT (25000500), POTASSIUM FERTILIZER NUTRIENT (25000600) SHALL BE USED AT A 2' OFFSET FROM ALL CURB AND SIDEWALK REPLACEMENT AREAS. SEE DETAIL ON SHEET 29

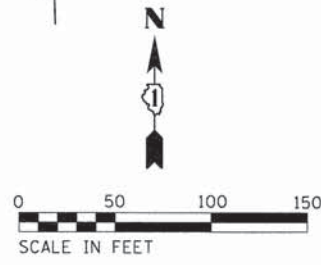
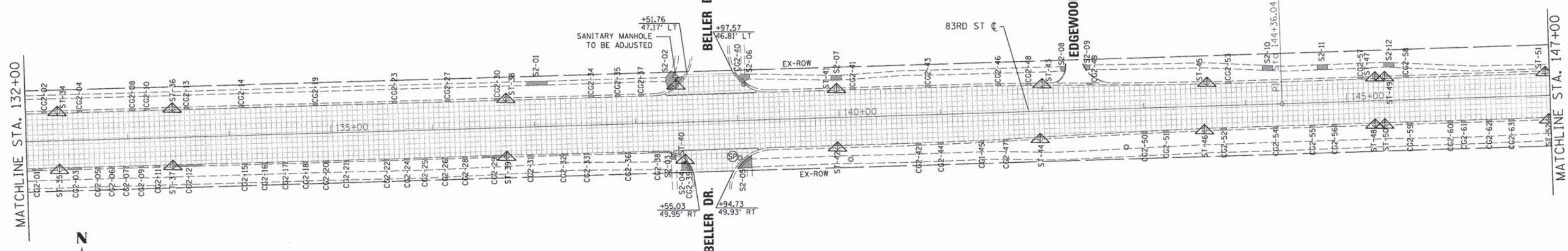


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PLOT DATE = 1/25/2016	CHECKED - JDH	REVISED -
	DATE - 01/25/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

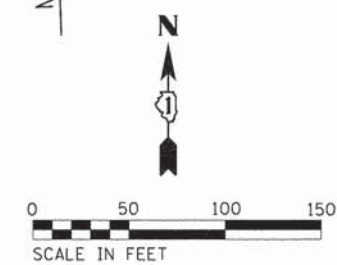
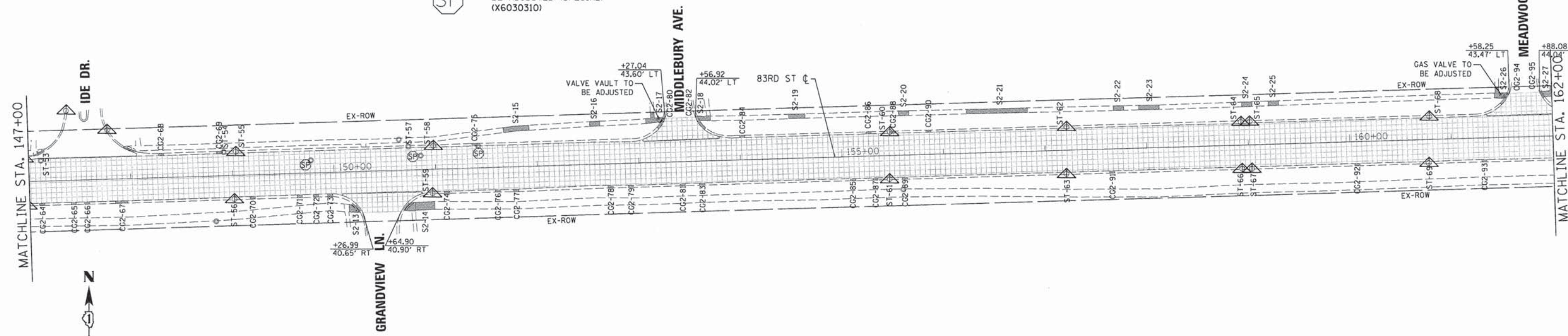
**83RD STREET IMPROVEMENTS
REMOVAL, PATCHING, UTILITY AND EROSION CONTROL PLAN**
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 100+00 TO STA. 132+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	6
CONTRACT NO. 61C53				
ILLINOIS FED. AID PROJECT				



LEGEND

- CLASS D PATCHING, 8"
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL, 2 1/4"
- FRAME AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)
- PCC SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH
- HMA SURFACE REMOVAL - BUTT JOINT
- PCC SURFACE REMOVAL - BUTT JOINT
- INLET FILTER



NOTES:
 1. EROSION CONTROL BLANKET (25100630), SEEDING, CLASS 1A (25000110), NITROGEN FERTILIZER NUTRIENT (25000400), PHOSPHORUS FERTILIZER NUTRIENT (25000500), POTASSIUM FERTILIZER NUTRIENT (25000600) SHALL BE USED AT A 2' OFFSET FROM ALL CURB AND SIDEWALK REPLACEMENT AREAS. SEE DETAIL ON SHEET 29

 <small>V3 Companies 7253 Jackson Avenue Meadowridge, IL 60537 630.724.8200 phone 630.724.9202 fax www.v3co.com</small>	USER NAME = bhort	DESIGNED - BAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	83RD STREET IMPROVEMENTS REMOVAL, PATCHING, UTILITY, AND EROSION CONTROL PLAN	F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 8
	PLOT SCALE = 50.0000' / in.	CHECKED - JDH	REVISED -			SCALE: 1" = 50'	SHEET 2 OF 3 SHEETS	STA. 132+00 TO STA. 162+00	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/25/2016	DATE = 01/25/15	REVISED -			CONTRACT NO. 61C53				

CURB AND GUTTER REMOVAL SCHEDULE

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)
CG2-01	132+05	132+15	RT	10
CG2-02	132+16	132+21	LT	5
CG2-03	132+41	132+54	RT	13
CG2-04	132+51	132+56	LT	5
CG2-05	132+67	132+72	LT	5
CG2-06	132+81	132+86	RT	5
CG2-07	132+95	133+00	RT	5
CG2-08	132+03	132+08	LT	5
CG2-09	133+10	133+15	RT	5
CG2-10	133+17	133+22	LT	5
CG2-11	133+26	133+31	RT	5
CG2-12	133+44	133+71	RT	27
CG2-13	133+56	133+61	LT	5
CG2-14	134+10	134+15	LT	5
CG2-15	131+12	131+17	RT	5
CG2-16	134+32	134+37	RT	5
CG2-17	134+52	134+57	RT	5
CG2-18	134+72	134+77	RT	5
CG2-19	134+83	134+88	LT	5
CG2-20	134+92	134+97	RT	5
CG2-21	135+12	135+17	RT	5
CG2-22	135+52	135+57	RT	5
CG2-23	135+61	135+66	LT	5
CG2-24	135+72	135+77	RT	5
CG2-25	135+89	135+94	RT	5
CG2-26	135+09	135+14	RT	5
CG2-27	136+13	136+18	LT	5
CG2-28	136+29	136+34	RT	5
CG2-29	136+49	136+71	RT	23
CG2-30	136+62	136+67	LT	5
CG2-31	136+93	136+98	RT	5
CG2-32	137+27	137+32	RT	5
CG2-33	137+48	137+53	RT	5

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)
CG2-34	137+54	137+59	LT	5
CG2-35	137+80	137+85	LT	5
CG2-36	137+89	137+94	RT	5
CG2-37	138+03	138+08	LT	5
CG2-38	138+12	138+35	RT	23
CG2-39	138+49	138+55	RT	14
CG2-40	138+98	139+12	LT	20
CG2-41	140+12	140+17	LT	5
CG2-42	140+75	140+80	RT	5
CG2-43	140+86	140+91	LT	5
CG2-44	140+97	141+02	RT	5
CG2-45	141+37	141+42	RT	5
CG2-46	141+55	141+60	LT	5
CG2-47	141+60	141+65	RT	5
CG2-48	141+85	141+90	LT	5
CG2-49	142+48	142+53	LT	5
CG2-50	142+97	143+02	RT	5
CG2-51	143+18	143+23	RT	5
CG2-52	143+75	143+80	RT	5
CG2-53	143+81	143+86	LT	5
CG2-54	144+26	144+31	RT	5
CG2-55	144+62	144+67	RT	5
CG2-56	144+84	144+89	RT	5
CG2-57	145+12	145+17	LT	5
CG2-58	145+56	145+61	LT	5
CG2-59	145+59	145+64	RT	5
CG2-60	145+99	146+04	RT	5
CG2-61	146+12	146+17	RT	5
CG2-62	146+37	146+42	RT	5
CG2-63	146+59	146+64	RT	5
CG2-64	147+10	147+15	RT	5
CG2-65	147+41	147+46	RT	5
CG2-66	147+54	147+59	RT	5

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)
CG2-67	147+84	147+96	RT	12
CG2-68	148+28	148+33	LT	5
CG2-69	148+85	148+90	LT	5
CG2-70	149+17	149+22	RT	5
CG2-71	149+63	149+68	RT	5
CG2-72	149+79	149+84	RT	5
CG2-73	149+93	149+98	RT	5
CG2-74	151+08	151+13	RT	5
CG2-75	151+36	151+41	LT	5
CG2-76	151+58	151+63	RT	5
CG2-77	151+76	151+81	RT	5
CG2-78	152+69	152+74	RT	5
CG2-79	152+89	152+94	RT	5
CG2-80	153+21	153+27	LT	13
CG2-81	153+40	153+45	RT	5
CG2-82	153+60	153+65	LT	16
CG2-83	153+59	153+64	RT	5
CG2-84	154+00	154+05	LT	5
CG2-85	155+08	155+13	RT	5
CG2-86	155+24	155+29	LT	5
CG2-87	155+30	155+35	RT	5
CG2-88	155+49	155+54	LT	5
CG2-89	155+59	155+64	RT	5
CG2-90	155+83	155+88	LT	5
CG2-91	157+63	157+68	RT	5
CG2-92	160+04	160+09	RT	5
CG2-93	161+29	161+34	RT	5
CG2-94	161+50	161+58	LT	14
CG2-95	161+88	161+91	LT	5

SIDEWALK REMOVAL SCHEDULE

LOC #	START STATION	END STATION	SIDE	44000600 SIDEWALK REMOVAL (SQ FT)
S2-01	136+94	137+14	LT	78
S2-02	138+31	138+48	LT	134
S2-03	138+34	138+38	RT	24
S2-04	138+44	138+53	RT	57
S2-05	138+99	139+13	RT	102
S2-06	139+02	139+13	LT	56
S2-07	139+93	140+03	LT	49
S2-08	142+19	142+24	LT	21
S2-09	142+42	142+48	LT	25
S2-10	144+18	144+28	LT	50
S2-11	144+72	144+82	LT	50
S2-12	145+37	145+47	LT	47
S2-13	150+14	150+25	RT	61
S2-14	150+68	150+98	RT	218
S2-15	151+68	151+93	LT	125
S2-16	152+53	152+63	LT	47
S2-17	153+08	153+25	LT	91
S2-18	153+59	153+72	LT	52
S2-19	154+49	154+65	LT	71
S2-20	155+57	155+67	LT	47
S2-21	156+24	156+84	LT	258
S2-22	157+68	157+78	LT	46
S2-23	157+93	158+13	LT	90
S2-24	158+95	159+05	LT	47
S2-25	159+21	159+31	LT	47
S2-26	161+43	161+56	LT	78
S2-27	161+90	162+02	LT	74

STORM STRUCTURE NOTES

STRUCTURE ID #	PAY ITEM(S)	PROPOSED STORM SEWER WORK
ST-34	X6025300	Mortar in corners of structure
ST-35	X6025300 60404940	Concrete rings to be replaced, mortar around pipe, frame siezed, replace frame and grate
ST-36	X6025300	Concrete rings to be replaced, bricks & mortar
ST-37	X6025300	Concrete rings to be replaced, brick and mortar around pipe
ST-38	X6025300	Concrete rings to be replaced, mortar around pipe
ST-39	X6025300	Concrete rings to be replaced, bricks and mortar around pipe
ST-40	X6025300	Concrete rings to be replaced
ST-41		No repair work proposed
ST-42		No repair work proposed
ST-43	X6025300	Mortar patch corners
ST-44	X6025300	Mortar around edges of frame
ST-45	X6025300	Concrete rings to be replaced, mortar around pipe
ST-46	X6025300	Concrete rings to be replaced, inside mortar around pipe
ST-47		No repair work proposed
ST-48	X6025300	Concrete rings to be replaced, inside mortar around pipe
ST-49		Concrete rings to be replaced
ST-50	X6025300	Concrete rings to be replaced, inside mortar around corners of frame
ST-51		No repair work proposed
ST-52	X6025300	Concrete rings to be replaced, mortar around frame corners
ST-53		No repair work proposed
ST-54	X6030310	No repair work proposed
ST-55	X6025300	Concrete rings to be replaced, mortar around pipe
ST-56		No repair work proposed
ST-57	X6025300	Concrete rings to be replaced
ST-58	X6025300	Mortar around corners of frame
ST-59		No repair work proposed

STRUCTURE ID #	PAY ITEM(S)	PROPOSED STORM SEWER WORK
ST-60	X6025300	Concrete rings to be replaced, mortar around pipe
ST-61	X6025300	Mortar around pipe and frame
ST-62	X6025300	Concrete rings to be replaced, mortar around pipe
ST-63	X6025300	Concrete rings to be replaced
ST-64		No repair work proposed
ST-65	X6025300	Concrete rings to be replaced, mortar around pipe
ST-66	X6025300	Concrete rings to be replaced
ST-67	X6025300	Concrete rings to be replaced
ST-68	X6025300	Concrete rings to be replaced
ST-69	X6025300	Concrete rings to be replaced



USER NAME = bhart
 PLOT SCALE = 1:2000' / 1"=100'
 PLOT DATE = 1/25/2016

DESIGNED - BAH
 DRAWN - BAH
 CHECKED - JDH
 DATE - 01/25/15

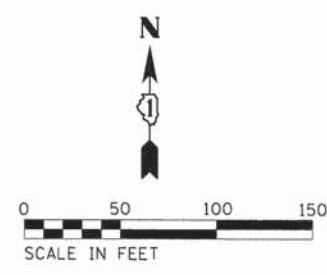
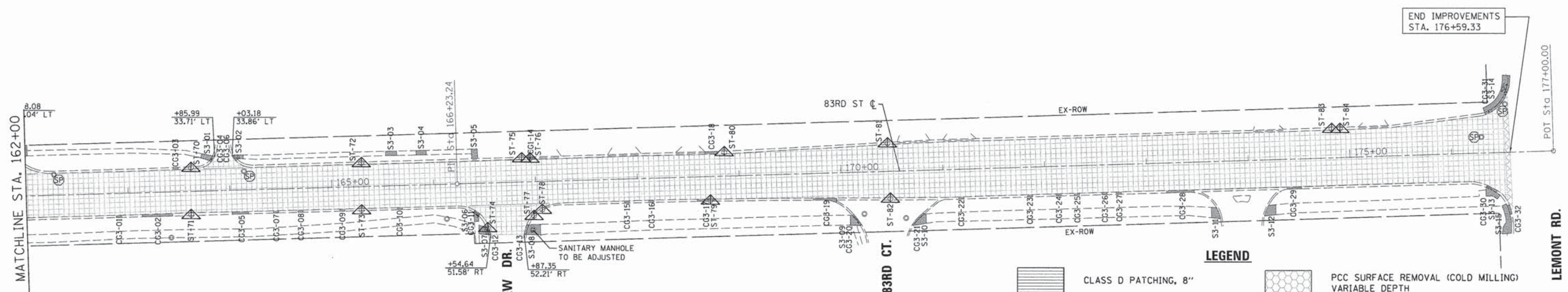
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
 REMOVAL, PATCHING, AND STORM SCHEDULES**

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	9
CONTRACT NO. 61C53				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. EROSION CONTROL BLANKET (25100630), SEEDING, CLASS 1A (25000110), NITROGEN FERTILIZER NUTRIENT (25000400), PHOSPHORUS FERTILIZER NUTRIENT (25000500), POTASSIUM FERTILIZER NUTRIENT (25000600) SHALL BE USED AT A 2' OFFSET FROM ALL CURB AND SIDEWALK REPLACEMENT AREAS. SEE DETAIL ON SHEET 29

LEGEND

	CLASS D PATCHING, 8"		PCC SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH
	SIDEWALK REMOVAL		HMA SURFACE REMOVAL - BUTT JOINT
	COMBINATION CURB AND GUTTER REMOVAL		PCC SURFACE REMOVAL - BUTT JOINT
	HMA SURFACE REMOVAL, 2 1/4"		INLET FILTER
	FRAME AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)		



USER NAME = bhert	DESIGNED - BAH	REVISED -
PLOT SCALE = 50.0000' / 1" =	DRAWN - BAH	REVISED -
PLOT DATE = 1/25/2016	CHECKED - JDH	REVISED -
	DATE - 01/25/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
REMOVAL, PATCHING, UTILITY, AND EROSION CONTROL PLAN**

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 162+00 TO STA. 177+00

F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 10
CONTRACT NO. 61C53				
ILLINOIS FED. AID PROJECT				

CURB AND GUTTER REMOVAL SCHEDULE

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	44000500 COMBINATION CURB AND GUTTER REMOVAL (FOOT)
CG3-01	162+88	162+93	RT	5
CG3-02	163+13	163+43	RT	30
CG3-03	163+45	163+50	LT	5
* CG3-04	163+82	163+86	LT	6
CG3-05	164+02	164+18	RT	16
* CG3-06	164+03	164+07	LT	6
CG3-07	164+42	164+47	RT	5
CG3-08	164+66	164+71	RT	5
CG3-09	165+07	165+12	RT	5
CG3-10	165+64	165+69	RT	5
* CG3-11	166+40	166+45	RT	6
* CG3-12	166+53	166+55	RT	9
* CG3-13	166+87	166+90	RT	11
CG3-14	166+93	167+00	LT	7
CG3-15	167+87	167+92	RT	5
CG3-16	168+11	168+16	RT	5
CG3-17	168+58	168+75	RT	17
CG3-18	168+67	168+79	LT	12
CG3-19	169+72	169+95	RT	23
* CG3-20	170+11	170+19	RT	13
* CG3-21	170+68	170+79	RT	16
CG3-22	171+15	171+20	RT	5
CG3-23	171+83	171+88	RT	5
CG3-24	172+11	172+16	RT	5
CG3-25	172+29	172+34	RT	5
CG3-26	172+56	172+61	RT	5
CG3-27	172+70	172+75	RT	5
CG3-28	173+19	173+46	RT	27
CG3-29	174+37	174+51	RT	14
* CG3-30	176+34	176+44	RT	14
* CG3-31	176+34	176+60	LT	49
* CG3-32	176+55	176+58	RT	10

STORM STRUCTURE NOTES

STRUCTURE ID #	PAY ITEM(S)	PROPOSED STORM SEWER WORK
ST-70	X6025300	Concrete rings to be replaced, mortar around pipe
ST-71	X6025300	Concrete rings to be replaced, mortar around pipe
ST-72	X6025300	Concrete rings to be replaced, bricks & mortar around pipe
ST-73	X6025300	Concrete rings to be replaced
ST-74	60406000	ADA compliant lid
ST-75	60500050 60201330	Full rebuild
ST-76	X6025300	Concrete rings to be replaced
ST-77	X6025300	Mortar around pipe & joints of rings
ST-78		No repair work proposed
ST-79		No repair work proposed
ST-80	X6025300	Concrete rings to be replaced
ST-81	X6025300	Concrete rings to be replaced
ST-82	X6025300	Concrete rings to be replaced
ST-83	X6025300	Concrete rings to be replaced
ST-84	X6025300	Concrete rings to be replaced, mortar around pipe

SIDEWALK REMOVAL SCHEDULE

LOC #	START STATION	END STATION	SIDE	44000600 SIDEWALK REMOVAL (SQ.FT)
S3-01	163+72	163+84	LT	48
S3-02	164+05	164+14	LT	30
S3-03	165+54	165+65	LT	49
S3-04	165+84	165+94	LT	44
S3-05	166+38	166+44	LT	56
S3-06	166+39	166+43	RT	33
S3-07	166+43	166+53	RT	71
S3-08	166+89	167+04	RT	134
S3-09	170+09	170+17	RT	59
S3-10	170+69	170+80	RT	76
S3-11	173+62	173+71	RT	78
S3-12	174+14	174+26	RT	97
S3-13	176+32	176+46	RT	82
S3-14	176+34	176+58	LT	222
S3-15	176+48	176+56	RT	179



USER NAME = bhart
 PLOT SCALE = 1:8000 1/8" = 1'-0"
 PLOT DATE = 1/25/2016

DESIGNED - BAH
 DRAWN - BAH
 CHECKED - JDH
 DATE - 01/25/15

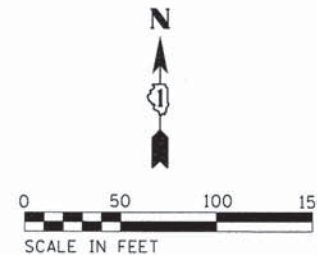
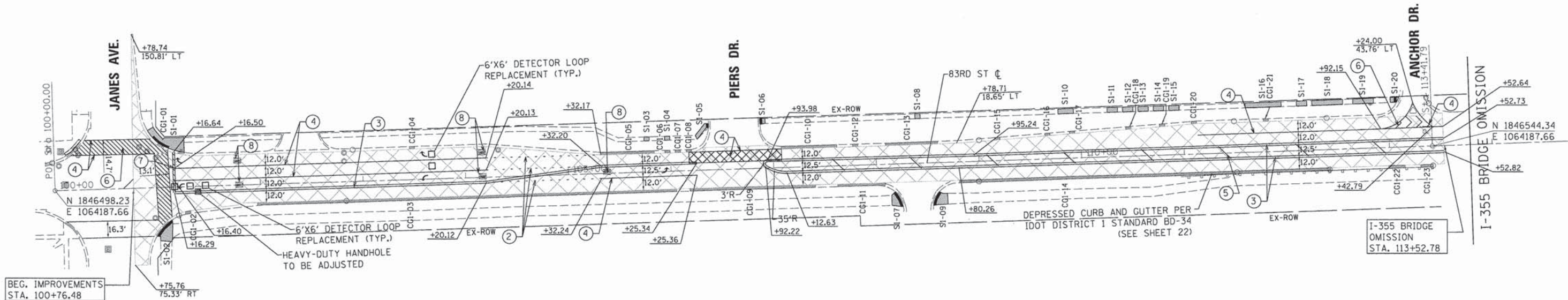
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
 REMOVAL, PATCHING, AND STORM SCHEDULES**

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	11
CONTRACT NO. 61C53			ILLINOIS FED. AID PROJECT	

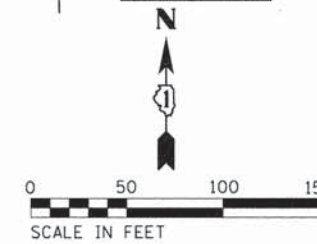
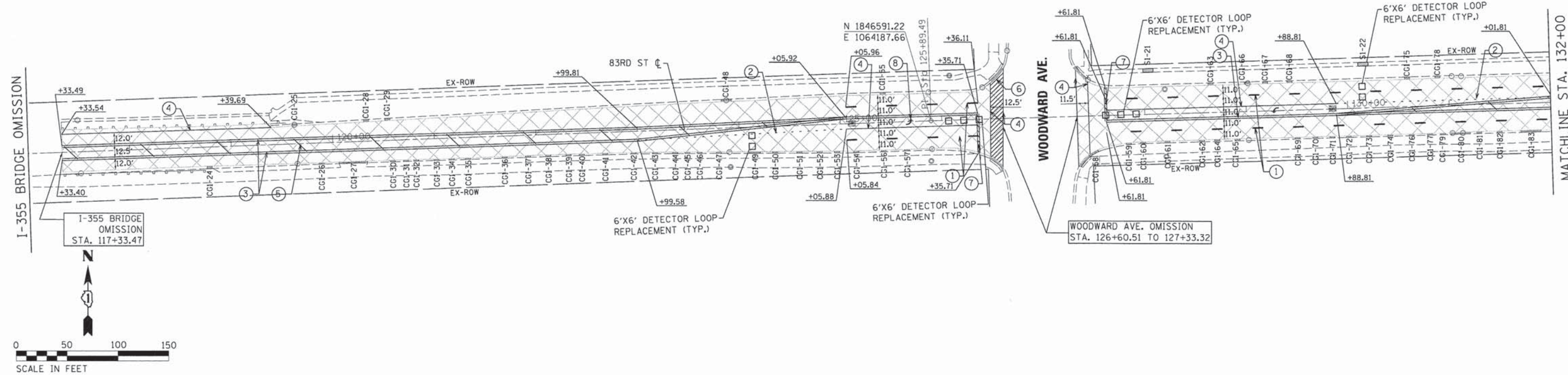


PROPOSED IMPROVEMENTS LEGEND

- HMA SURFACE COURSE MIX "D", N70, 1 1/2" POLYMERIZED LEVELING BINDER, 3/4"
- COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.12/6.18/6.24 (SEE SCHEDULE ON NEXT SHEET)
- PCC SIDEWALK, 5"
- DETECTABLE WARNINGS

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING, 4" (WHITE) 30' SKIP, 10' DASH
- ② THERMOPLASTIC PAVEMENT MARKING, 6" (WHITE) 6' SKIP, 2' DASH
- ③ THERMOPLASTIC PAVEMENT MARKING, 4" (YELLOW) DOUBLE CENTERLINE @ 11" C-C
- ④ THERMOPLASTIC PAVEMENT MARKING, 6" (WHITE) SOLID
- ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" (YELLOW) 75' C-C MEDIAN STRIPES
- ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" (WHITE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING, 24" (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS



USER NAME = bhert
 PLOT SCALE = 50,0000' / 1" =
 PLOT DATE = 1/25/2016

DESIGNED - BAH
 DRAWN - BAH
 CHECKED - JDH
 DATE - 01/25/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
 PROPOSED IMPROVEMENTS**

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 100+00 TO STA. 132+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	12
				CONTRACT NO. 61C53

ILLINOIS FED. AID PROJECT

CURB AND GUTTER SCHEDULE

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (FOOT)	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (FOOT)
CG1-01	101+01	101+05	LT			4
CG1-02	101+26	101+31	RT			5
CG1-03	101+97	106+05	RT			408
CG1-04	103+46	103+51	LT			5
CG1-05	105+32	105+84	LT			52
CG1-06	105+95	106+00	LT			5
CG1-07	106+05	106+10	LT			5
CG1-08	106+15	106+20	LT			5
CG1-09	106+18	107+40	RT			122
CG1-10	107+08	107+62	LT			54
CG1-11	107+62	108+08	RT			46
CG1-12	107+78	107+83	LT			5
CG1-13	108+10	108+60	LT			51
CG1-14	108+80	112+42	RT			362
CG1-15	109+16	109+21	LT			5
CG1-16	109+65	109+70	LT			5
CG1-17	109+89	109+94	LT			5
CG1-18	110+44	110+49	LT			5
CG1-19	110+77	110+82	LT			5
CG1-20	110+08	110+13	LT			5
CG1-21	111+78	111+83	LT			5
CG1-22	112+99	113+15	RT			16
CG1-23	113+30	113+42	RT			12
CG1-24	118+76	118+81	RT			5
CG1-25	119+60	119+65	LT		5	
CG1-26	119+86	119+91	LT	5		
CG1-27	120+05	120+34	RT	28		

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (FOOT)	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (FOOT)
CG1-28	120+31	120+36	LT			5
CG1-29	120+52	120+57	LT			5
CG1-30	120+56	120+61	RT	5		
CG1-31	120+69	120+74	RT	5		
CG1-32	120+79	120+84	RT	5		
CG1-33	120+99	121+04	RT	5		
CG1-34	121+14	121+19	RT	5		
CG1-35	121+30	121+35	RT	5		
CG1-36	121+66	121+71	RT	5		
CG1-37	121+89	121+94	RT	5		
CG1-38	122+09	122+14	RT	5		
CG1-39	122+29	122+34	RT	5		
CG1-40	122+42	122+47	RT	5		
CG1-41	122+65	122+70	RT	5		
CG1-42	122+93	122+98	RT	5		
CG1-43	123+14	123+19	RT	5		
CG1-44	123+34	123+39	RT	5		
CG1-45	123+46	123+51	RT	5		
CG1-46	123+58	123+63	RT	5		
CG1-47	123+77	123+82	RT	5		
CG1-48	123+84	123+94	LT		10	
CG1-49	124+09	124+20	RT	11		
CG1-50	124+32	124+37	RT	5		
CG1-51	124+56	124+61	RT	5		
CG1-52	124+76	124+81	RT	5		
CG1-53	124+93	124+98	RT	5		
CG1-54	125+12	125+17	RT	5		

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (FOOT)	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (FOOT)
CG1-55	125+39	125+44	RT	5		
CG1-56	125+40	125+45	LT		5	
CG1-57	125+62	125+67	RT		5	
CG1-58	127+44	127+53	RT		9	
CG1-59	127+81	127+86	RT		5	
CG1-60	127+95	128+00	RT		5	
CG1-61	128+19	128+24	RT		5	
CG1-62	128+53	128+58	RT		5	
CG1-63	128+63	128+68	LT		5	
CG1-64	128+68	128+73	RT		5	
CG1-65	128+88	128+93	RT		5	
CG1-66	128+99	129+04	LT		5	
CG1-67	129+17	129+22	LT		5	
CG1-68	129+41	129+46	LT		5	
CG1-69	129+47	129+52	RT		5	
CG1-70	129+65	129+70	RT		5	
CG1-71	129+82	129+87	RT		5	
CG1-72	129+98	130+03	RT		5	
CG1-73	130+18	130+23	RT		5	
CG1-74	130+39	130+44	RT		5	
CG1-75	130+57	130+62	LT		5	
CG1-76	130+60	130+65	RT		5	
CG1-77	130+78	130+83	RT		5	
CG1-78	130+87	130+92	LT		5	
CG1-79	130+91	130+96	RT		5	
CG1-80	131+01	131+20	RT		19	
CG1-81	131+26	131+31	RT		5	
CG1-82	131+46	131+51	RT		5	
CG1-83	131+70	131+90	RT		20	

SIDEWALK SCHEDULE

LOC #	START STATION	END STATION	SIDE	42400200 PCC SIDEWALK, 5" (SQ FT)	42400800 DETECTABLE WARNING (SQ FT)	X0327611 REMOVE AND REINSTALL BRICK PAVERS (SQ FT)
S1-01	100+92	101+27	LT		38	357
S1-02	100+98	101+14	RT	197	41	
S1-03	105+75	105+80	LT	20		
S1-04	105+96	106+01	LT	20		
S1-05	106+25	106+38	LT	68	8	
S1-06	106+88	106+93	LT	28	10	
S1-07	108+14	108+25	RT	105	32	
S1-08	108+39	108+44	LT	25		
S1-09	108+54	108+69	RT	137	29	
S1-10	109+78	109+93	LT	72		
S1-11	110+26	110+36	LT	50		
S1-12	110+41	110+51	LT	50		
S1-13	110+56	110+66	LT	50		
S1-14	110+71	110+81	LT	50		
S1-15	110+86	110+96	LT	50		
S1-16	111+61	111+96	LT	164		
S1-17	112+11	112+21	LT	50		
S1-18	112+26	112+56	LT	146		
S1-19	112+66	112+86	LT	100		
S1-20	113+02	113+11	LT	38	10	
S1-21	127+99	128+09	LT	37		
S1-22	130+11	130+21	LT	37		

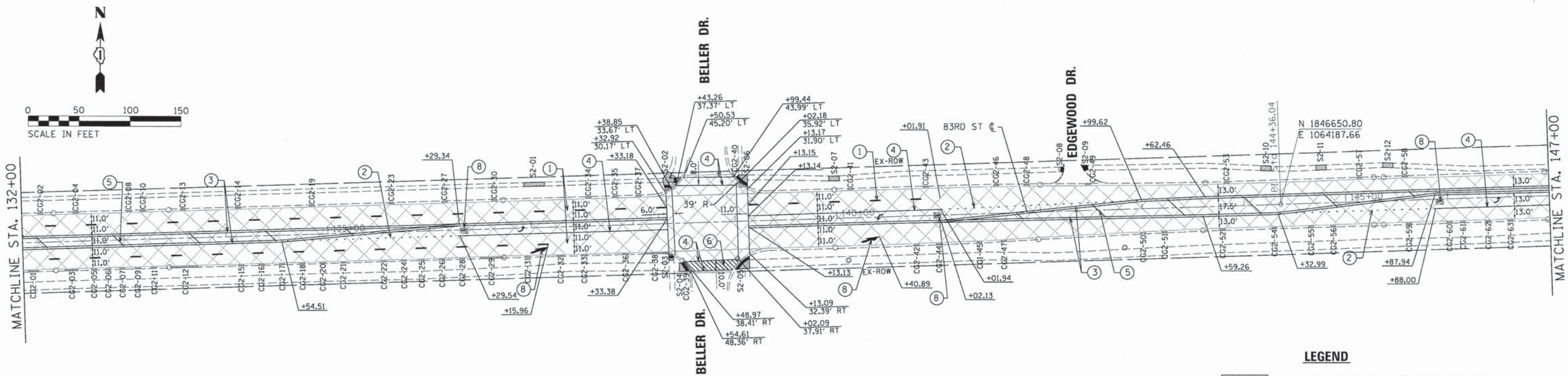


USER NAME = bhert	DESIGNED - BAH	REVISED -
PLOT SCALE = 1:8000' = 1/8" = 1"	DRAWN - BAH	REVISED -
PLOT DATE = 1/25/2015	CHECKED - JDH	REVISED -
	DATE - 01/25/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

83RD STREET IMPROVEMENTS PROPOSED IMPROVEMENT SCHEDULES		
SCALE: N.T.S.	SHEET 1 OF 3 SHEETS	STA. TO STA.





F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 13
CONTRACT NO. 61C53				
ILLINOIS FED. AID PROJECT				

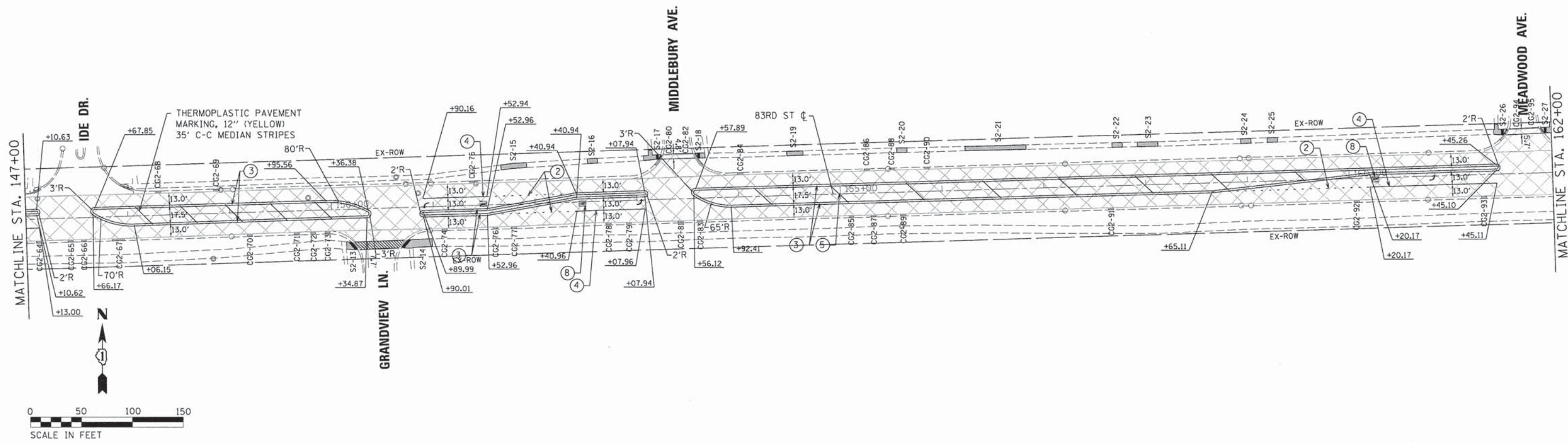


PAVEMENT MARKING LEGEND

- | | |
|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" (WHITE) 30' SKIP, 10' DASH | ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" (YELLOW) 75' C-C MEDIAN STRIPES |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" (WHITE) 6' SKIP, 2' DASH | ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 4" (YELLOW) DOUBLE CENTERLINE @ 11" C-C | ⑦ THERMOPLASTIC PAVEMENT MARKING, 24" (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" (WHITE) SOLID | ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS |

LEGEND

-  HMA SURFACE COURSE MIX "D", N70, 1 1/2" POLYMERIZED LEVELING BINDER, 3/4"
-  COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.12/6.18/6.24 (SEE SCHEDULE ON NEXT SHEET)
-  PCC SIDEWALK, 5"
-  DETECTABLE WARNINGS



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
PROPOSED IMPROVEMENTS**

USER NAME = bhert	DESIGNED - BAH	REVISED -
PLOT SCALE = 50.0000' / 1"	DRAWN - BAH	REVISED -
PLOT DATE = 1/25/2016	CHECKED - JDH	REVISED -
	DATE - 01/25/15	REVISED -

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 132+00 TO STA. 162+00

F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 14
				CONTRACT NO. 61C53
ILLINOIS FED. AID PROJECT				



CURB AND GUTTER SCHEDULE

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (FOOT)	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (FOOT)
CG2-01	132+05	132+15	RT		10	
CG2-02	132+16	132+21	LT		5	
CG2-03	132+41	132+54	RT		13	
CG2-04	132+51	132+56	LT		5	
CG2-05	132+67	132+72	LT		5	
CG2-06	132+81	132+86	RT		5	
CG2-07	132+95	133+00	RT		5	
CG2-08	132+03	132+08	LT		5	
CG2-09	133+10	133+15	RT		5	
CG2-10	133+17	133+22	LT		5	
CG2-11	133+26	133+31	RT		5	
CG2-12	133+44	133+71	RT		27	
CG2-13	133+56	133+61	LT		5	
CG2-14	134+10	134+15	LT		5	
CG2-15	131+12	131+17	RT		5	
CG2-16	134+32	134+37	RT		5	
CG2-17	134+52	134+57	RT		5	
CG2-18	134+72	134+77	RT		5	
CG2-19	134+83	134+88	LT		5	
CG2-20	134+92	134+97	RT		5	
CG2-21	135+12	135+17	RT		5	
CG2-22	135+52	135+57	RT		5	
CG2-23	135+61	135+66	LT		5	
CG2-24	135+72	135+77	RT		5	
CG2-25	135+89	135+94	RT		5	
CG2-26	135+09	135+14	RT		5	
CG2-27	136+13	136+18	LT		5	

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (FOOT)	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (FOOT)
CG2-28	136+29	136+34	RT		5	
CG2-29	136+49	136+71	RT		23	
CG2-30	136+62	136+67	LT		5	
CG2-31	136+93	136+98	RT		5	
CG2-32	137+27	137+32	RT		5	
CG2-33	137+48	137+53	RT		5	
CG2-34	137+54	137+59	LT		5	
CG2-35	137+80	137+85	LT		5	
CG2-36	137+89	137+94	RT		5	
CG2-37	138+03	138+08	LT		5	
CG2-38	138+12	138+35	RT		23	
CG2-39	138+49	138+55	RT		14	
CG2-40	138+98	139+12	LT		20	
CG2-41	140+12	140+17	LT		5	
CG2-42	140+75	140+80	RT		5	
CG2-43	140+86	140+91	LT		5	
CG2-44	140+97	141+02	RT		5	
CG2-45	141+37	141+42	RT		5	
CG2-46	141+55	141+60	LT		5	
CG2-47	141+60	141+65	RT		5	
CG2-48	141+85	141+90	LT		5	
CG2-49	142+48	142+53	LT		5	
CG2-50	142+97	143+02	RT		5	
CG2-51	143+18	143+23	RT		5	
CG2-52	143+75	143+80	RT		5	
CG2-53	143+81	143+86	LT		5	
CG2-54	144+26	144+31	RT		5	

* - pay item length measured on curb radius

LOC #	START STATION	END STATION	SIDE	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (FOOT)	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (FOOT)	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (FOOT)
CG2-55	144+62	144+67	RT		5	
CG2-56	144+84	144+89	RT		5	
CG2-57	145+12	145+17	LT		5	
CG2-58	145+56	145+61	LT		5	
CG2-59	145+59	145+64	RT		5	
CG2-60	145+99	146+04	RT		5	
CG2-61	146+12	146+17	RT		5	
CG2-62	146+37	146+42	RT		5	
CG2-63	146+59	146+64	RT		5	
CG2-64	147+10	147+15	RT		5	
CG2-65	147+41	147+46	RT		5	
CG2-66	147+54	147+59	RT		5	
CG2-67	147+84	147+96	RT		12	
CG2-68	148+28	148+33	LT		5	
CG2-69	148+85	148+90	LT		5	
CG2-70	149+17	149+22	RT		5	
CG2-71	149+63	149+68	RT		5	
CG2-72	149+79	149+84	RT		5	
CG2-73	149+93	149+98	RT		5	
CG2-74	151+08	151+13	RT		5	
CG2-75	151+36	151+41	LT		5	
CG2-76	151+58	151+63	RT		5	
CG2-77	151+76	151+81	RT		5	
CG2-78	152+69	152+74	RT		5	
CG2-79	152+89	152+94	RT		5	
CG2-80	153+21	153+27	LT		13	
CG2-81	153+40	153+45	RT		5	
CG2-82	153+60	153+65	LT		16	
CG2-83	153+59	153+64	RT		5	
CG2-84	154+00	154+05	LT		5	
CG2-85	155+08	155+13	RT		5	
CG2-86	155+24	155+29	LT		5	
CG2-87	155+30	155+35	RT		5	
CG2-88	155+49	155+54	LT		5	
CG2-89	155+59	155+64	RT		5	
CG2-90	155+83	155+88	LT		5	
CG2-91	157+63	157+68	RT		5	
CG2-92	160+04	160+09	RT		5	
CG2-93	161+29	161+34	RT		5	
CG2-94	161+50	161+58	LT		14	
CG2-95	161+88	161+91	LT		5	

SIDEWALK SCHEDULE

LOC #	START STATION	END STATION	SIDE	42400200 PCC SIDEWALK, 5" (SQ.FT)	42400800 DETECTABLE WARNING (SQ.FT)
S2-01	136+94	137+14	LT	78	
S2-02	138+31	138+48	LT	134	22
S2-03	138+34	138+38	RT	24	10
S2-04	138+44	138+53	RT	57	20
S2-05	138+99	139+13	RT	102	35
S2-06	139+02	139+13	LT	56	27
S2-07	139+93	140+03	LT	49	
S2-08	142+19	142+24	LT	21	10
S2-09	142+42	142+48	LT	25	10
S2-10	144+18	144+28	LT	50	
S2-11	144+72	144+82	LT	50	
S2-12	145+37	145+47	LT	47	
S2-13	150+14	150+25	RT	61	20
S2-14	150+68	150+98	RT	218	20
S2-15	151+68	151+93	LT	125	
S2-16	152+53	152+63	LT	47	
S2-17	153+08	153+25	LT	91	10
S2-18	153+59	153+72	LT	52	10
S2-19	154+49	154+65	LT	71	
S2-20	155+57	155+67	LT	47	
S2-21	156+24	156+84	LT	258	
S2-22	157+68	157+78	LT	46	
S2-23	157+93	158+13	LT	90	
S2-24	158+95	159+05	LT	47	
S2-25	159+21	159+31	LT	47	
S2-26	161+43	161+56	LT	78	11
S2-27	161+90	162+02	LT	74	11



USER NAME = bhart
PLOT SCALE = 1:8000 "/>

DESIGNED - BAH
DRAWN - BAH
CHECKED - JDH
DATE - 01/25/15

REVISED -
REVISED -
REVISED -
REVISED -

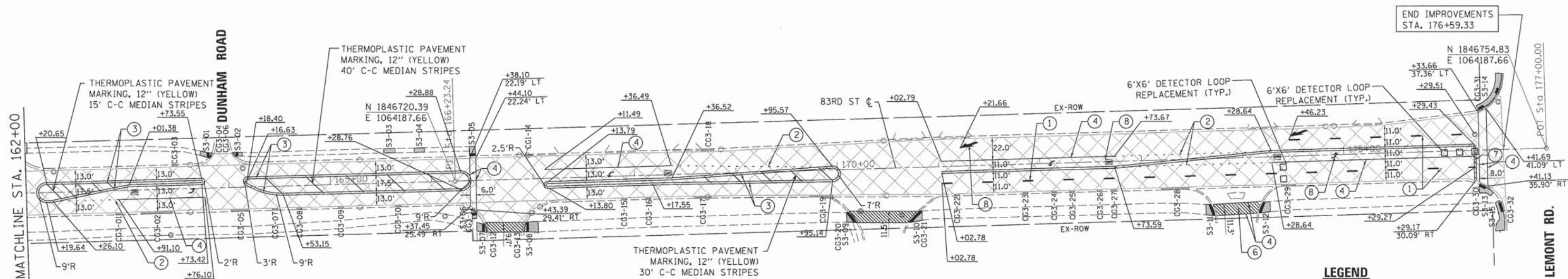
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
PROPOSED IMPROVEMENT SCHEDULES**

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 15
CONTRACT NO. 61C53				

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

- | | |
|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" (WHITE) 30' SKIP, 10' DASH | ⑤ THERMOPLASTIC PAVEMENT MARKING, 12" (YELLOW) 75' C-C MEDIAN STRIPES |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" (WHITE) 6' SKIP, 2' DASH | ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" (WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 4" (YELLOW) DOUBLE CENTERLINE @ 11" C-C | ⑦ THERMOPLASTIC PAVEMENT MARKING, 24" (WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" (WHITE) SOLID | ⑧ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS |

LEGEND

- | | |
|--|---|
| | HMA SURFACE COURSE MIX "D", N70, 1 1/2" POLYMERIZED LEVELING BINDER, 3/4" |
| | COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.12/6.18/6.24 (SEE SCHEDULE ON NEXT SHEET) |
| | PCC SIDEWALK, 5" |
| | DETECTABLE WARNINGS |



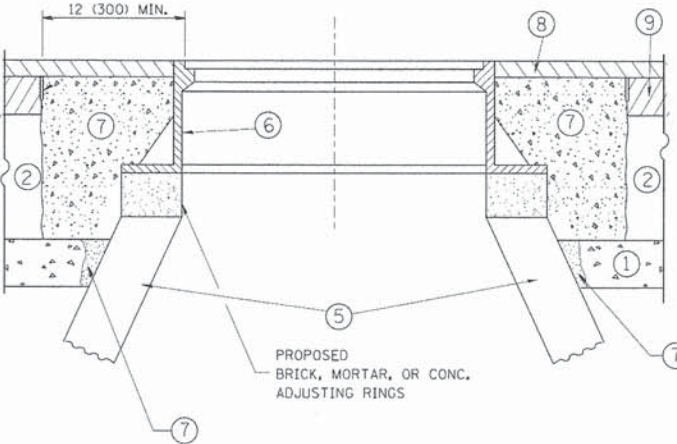
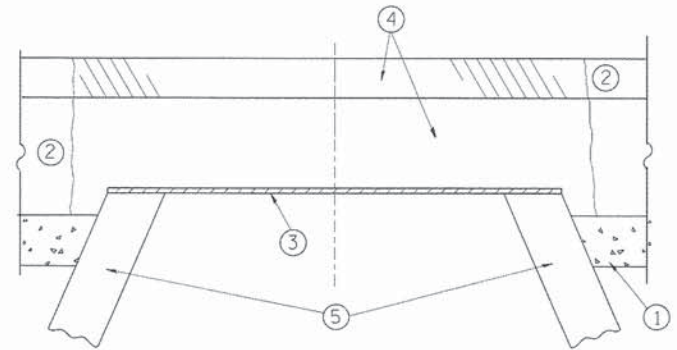
USER NAME = bhart	DESIGNED - BAH	REVISED -
PLOT SCALE = 50.0000' / 1" =	DRAWN - BAH	REVISED -
PLOT DATE = 1/25/2016	CHECKED - JDH	REVISED -
	DATE - 01/25/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**83RD STREET IMPROVEMENTS
PROPOSED IMPROVEMENTS**

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 162+00 TO STA. 177+00

F.A.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 16
CONTRACT NO. 61C53			[ILLINOIS] FED. AID PROJECT	



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

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

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ca:\pwork\pwork\baerd\100315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

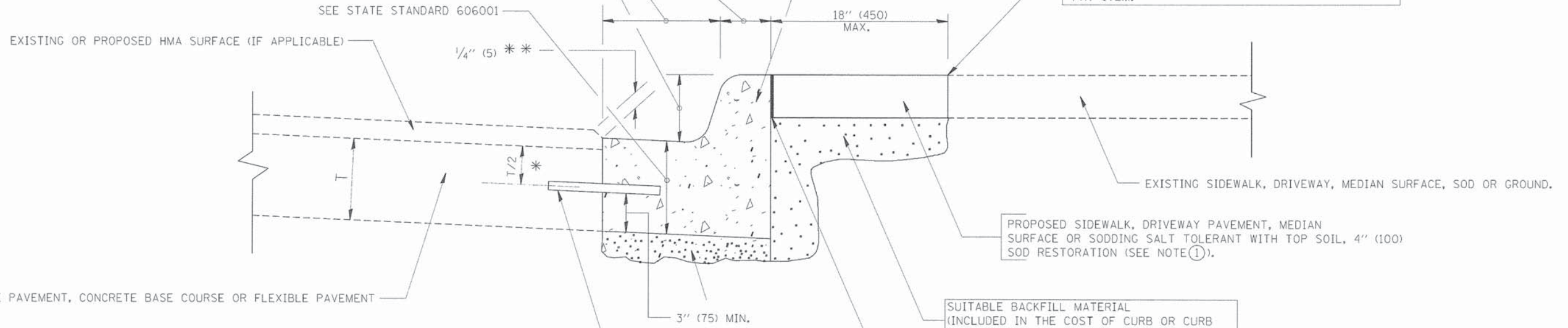
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	18
BD600-03 (BD-8)			CONTRACT NO. 61C53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.



* 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.
SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ 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.

⑥ 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.

⑦ 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.

⑧ 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.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

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

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

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

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

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

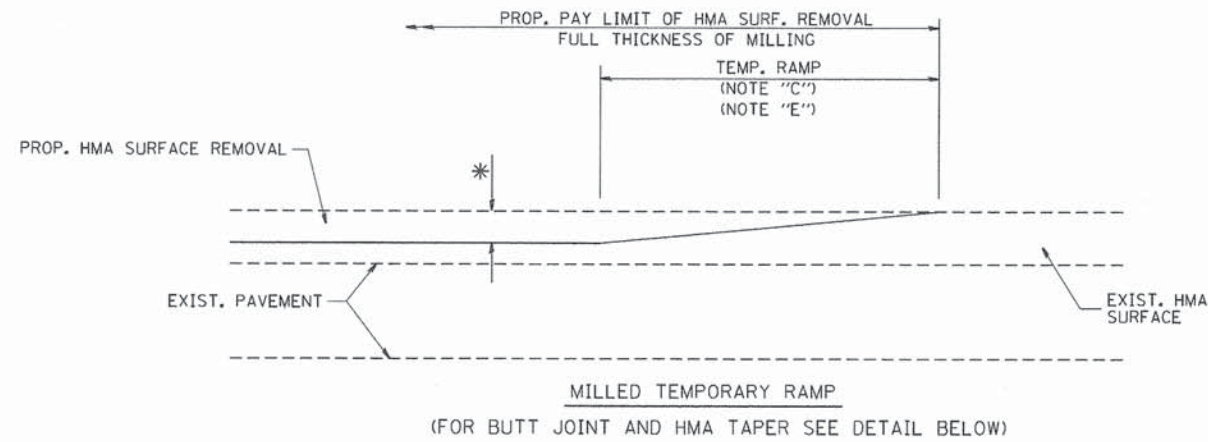
BASIS OF PAYMENT:

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

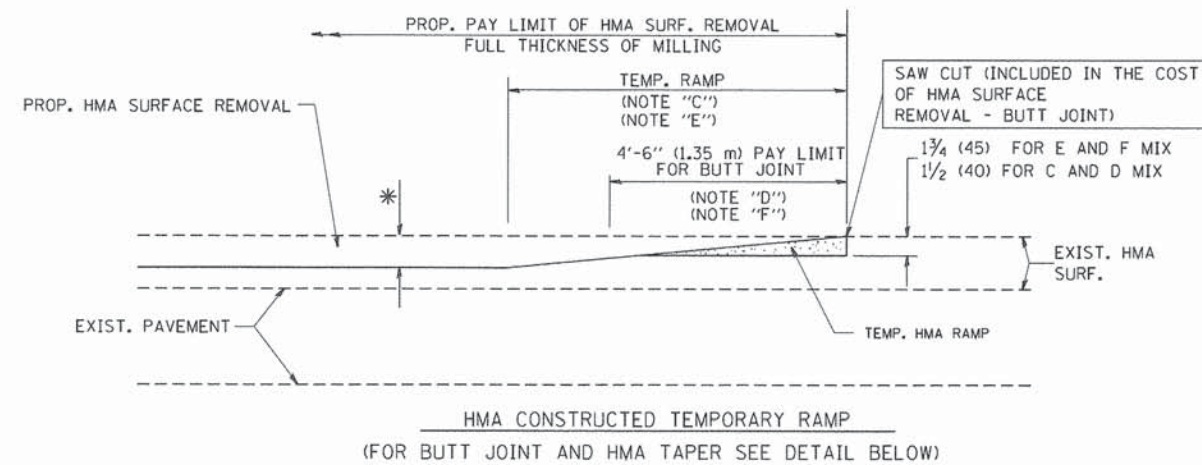
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

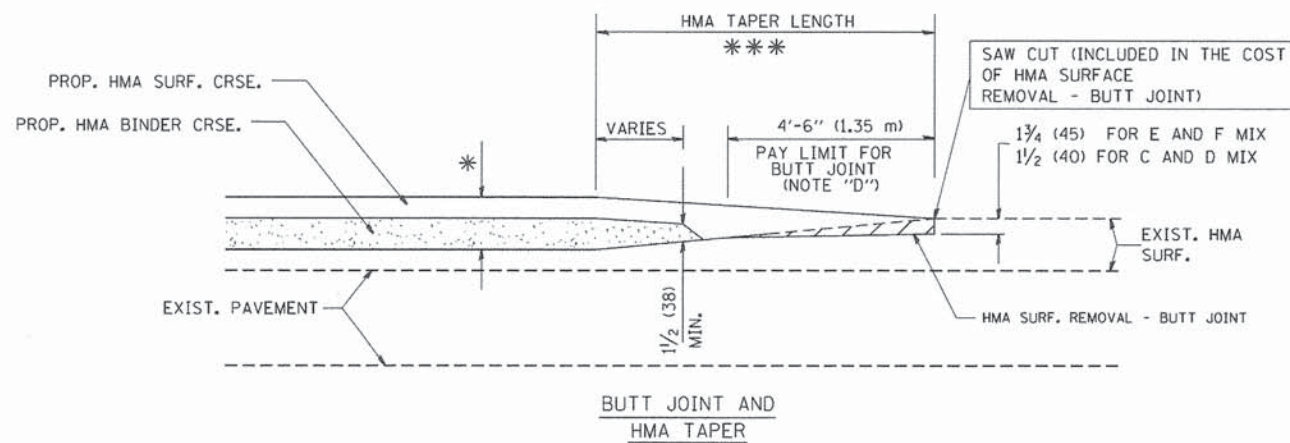
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1551	15-00072-00-RS	DUPAGE	29			19					
						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
						CONTRACT NO. 61C53					



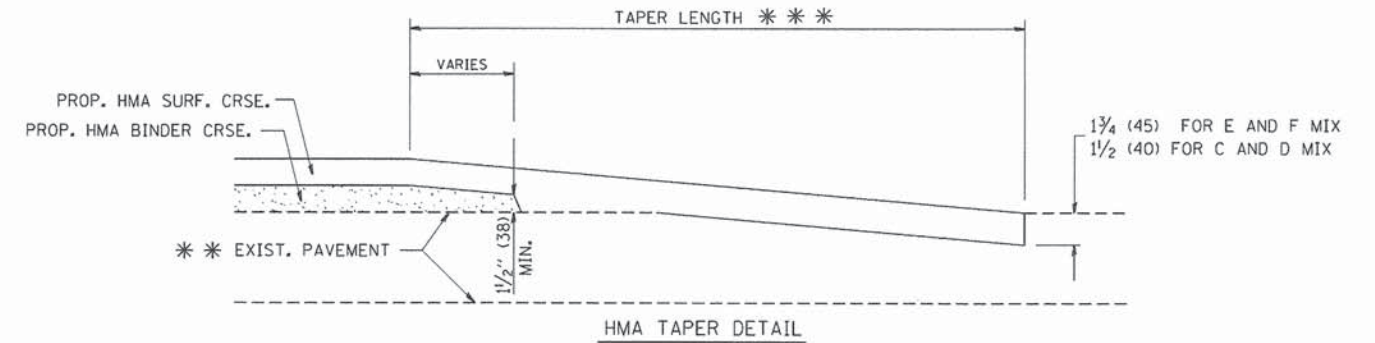
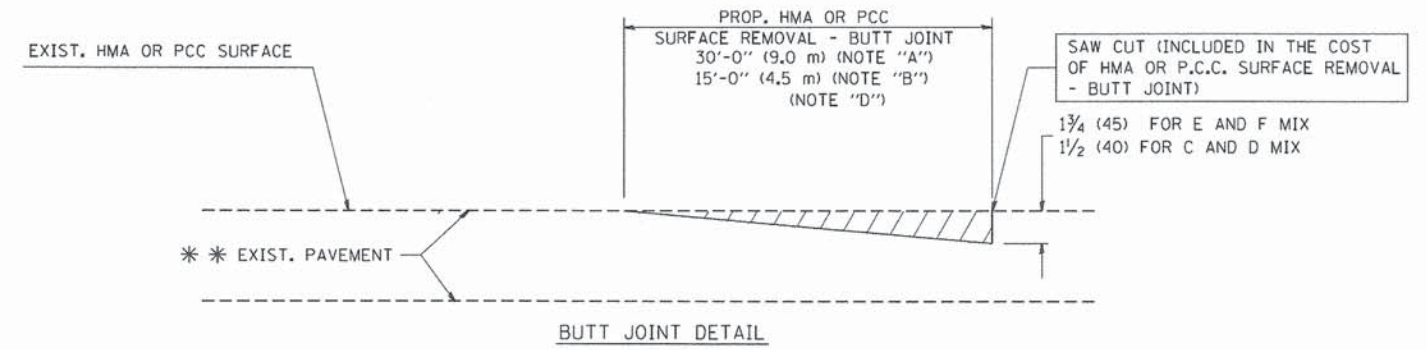
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



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")

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.

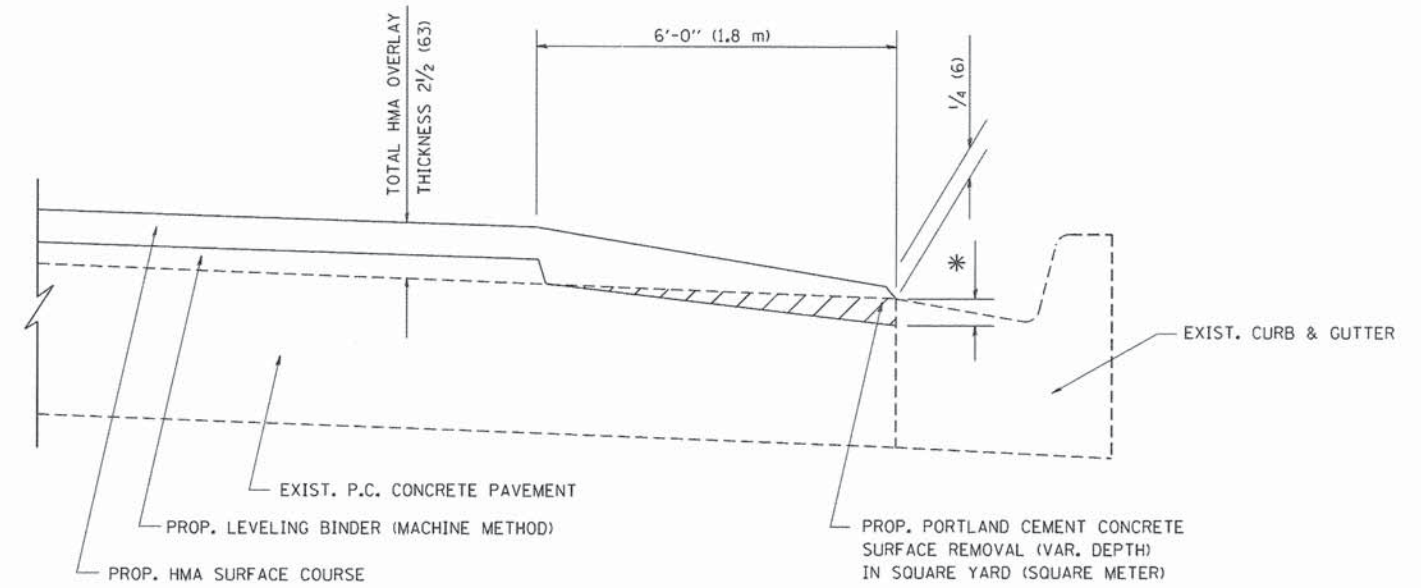
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

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.U. RTE. 1551	SECTION 15-00072-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 20
BD400-05 BD32		CONTRACT NO. 61C53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT
EDGE OF P.C.C PAVEMENT

HMA SURFACE	THICKNESS	LEVELING BINDER	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1 (25)	1 1/4 (33)	
F	1 3/4 (44)	3/4 (19)	1 1/2 (38)	

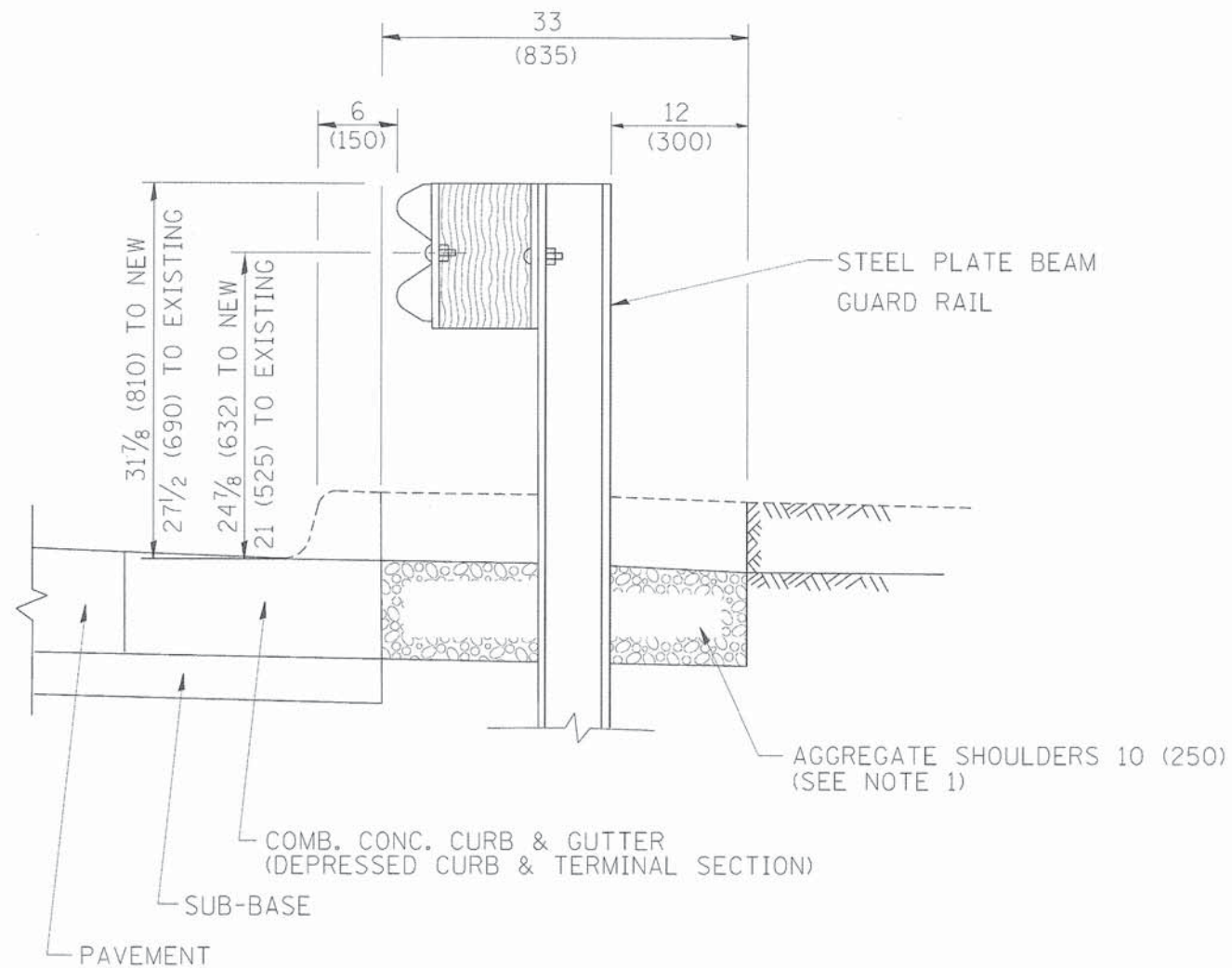
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	PLOT DATE = 1/4/2008	DATE - 09-10-94	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TAPER AT EDGE OF P.C.C PAVEMENT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

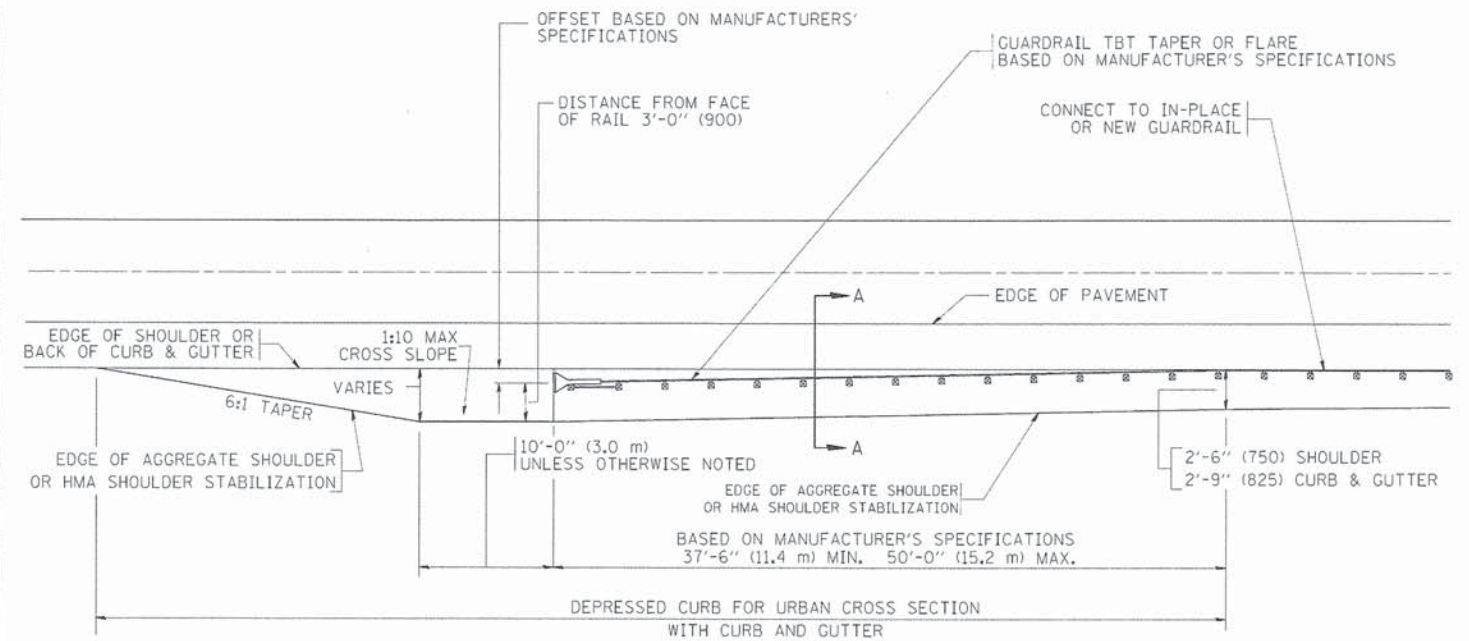
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BD400-06 (BD33)		CONTRACT NO. 61C53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
 [FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

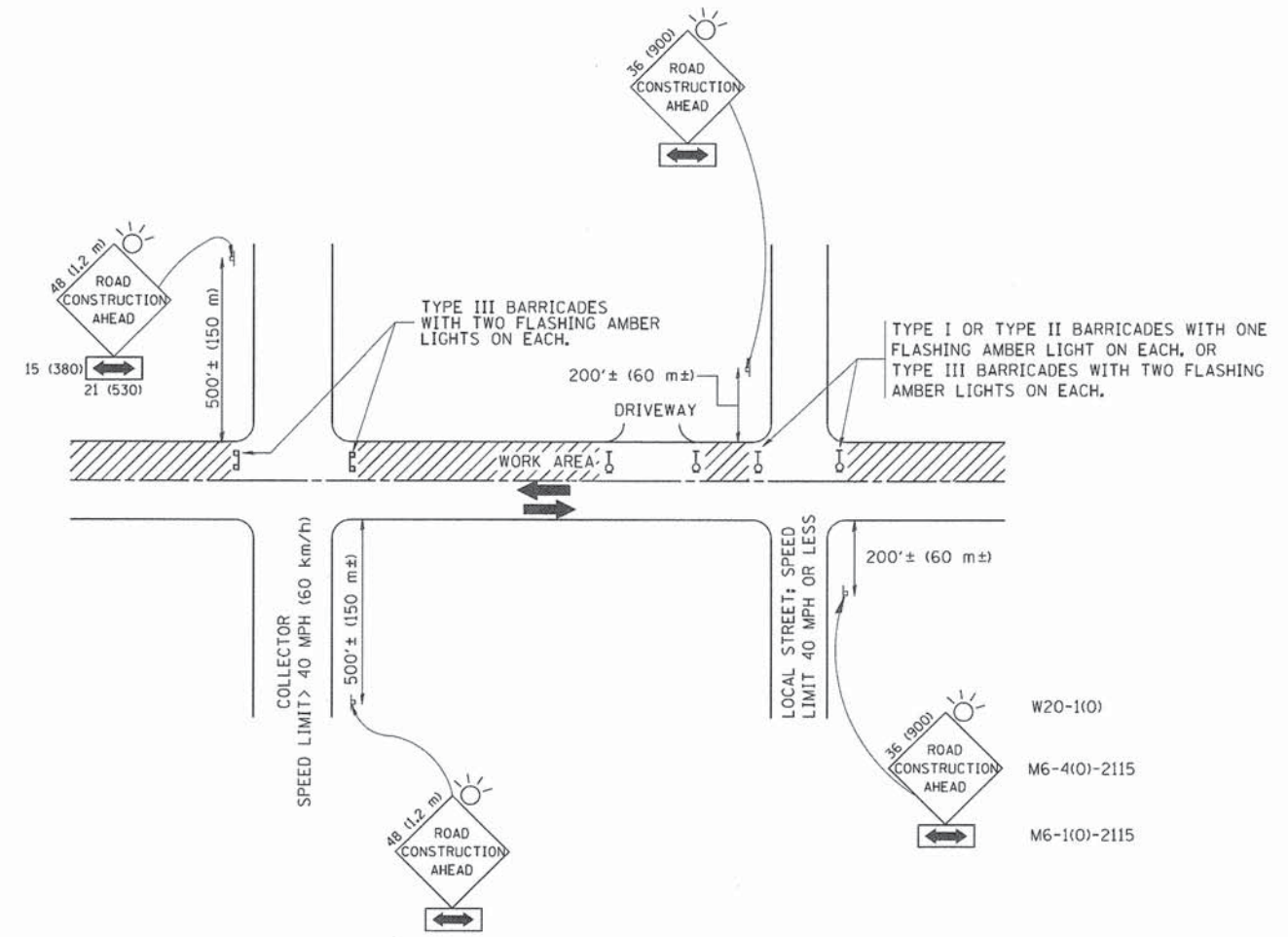
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		DATE - 09-22-90	REVISED - R. BORO 09-14-2009

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS FOR DEPRESSED CURB & GUTTER AND
 SHOULDER TREATMENT AT TBT TY 1 SPL.

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	22
BD600-10 (BD 34)		CONTRACT NO. 61C53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

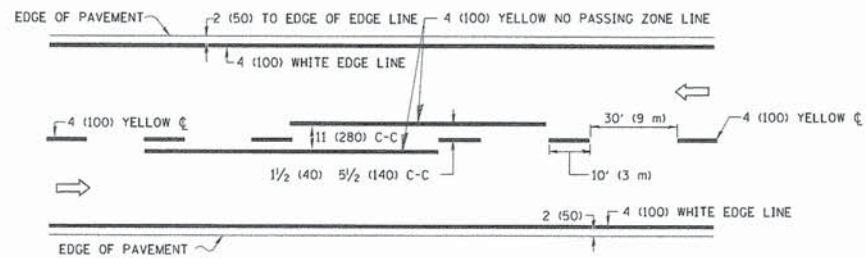
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

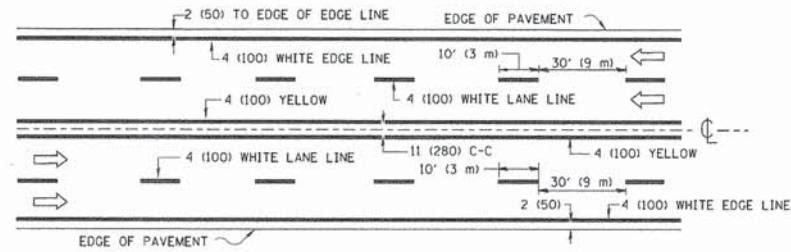
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

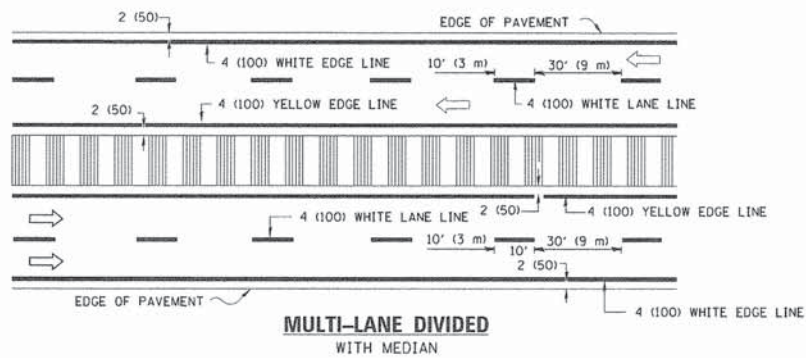
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



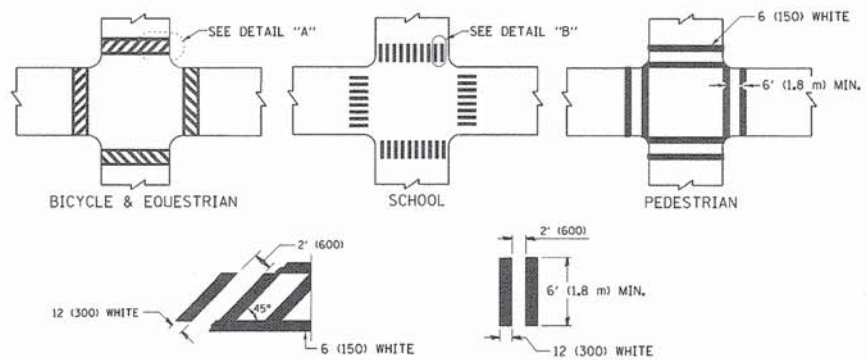
2-LANE ROADWAY



MULTI-LANE UNDIVIDED



TYPICAL LANE AND EDGE LINE MARKING

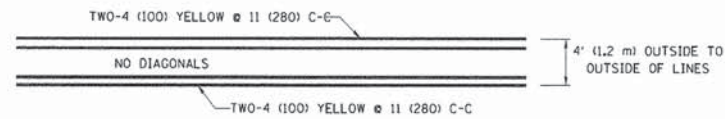


DETAIL "A"

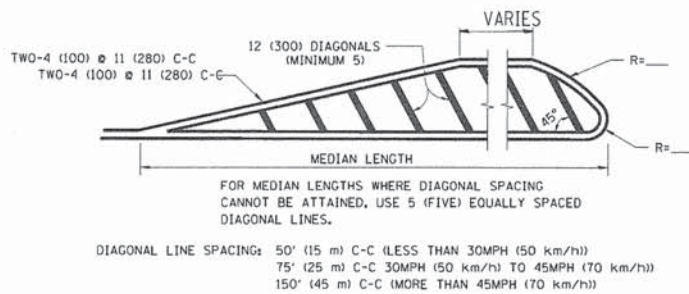
DETAIL "B"

TYPICAL CROSSWALK MARKING

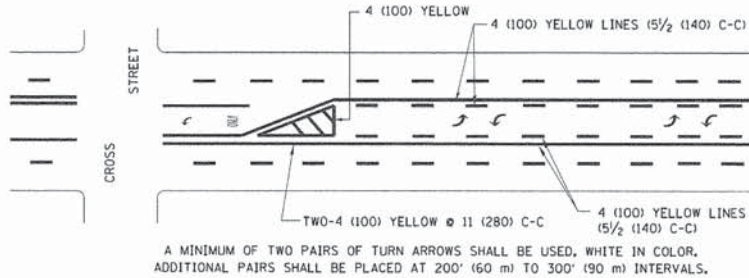
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



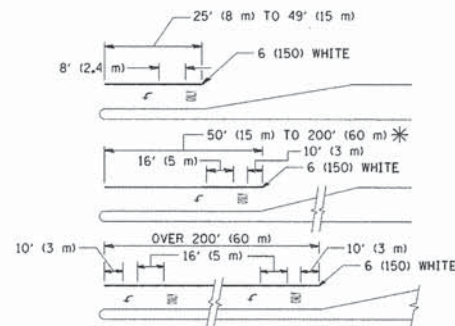
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



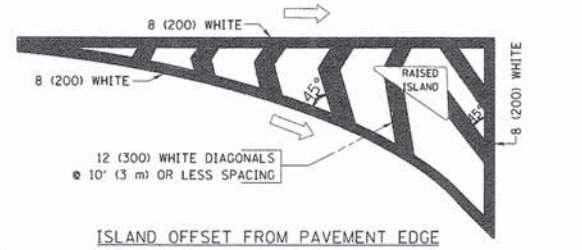
**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**



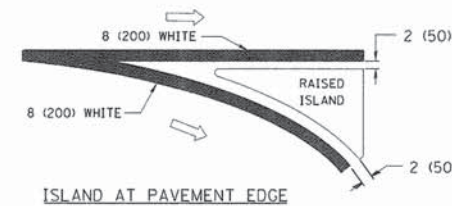
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

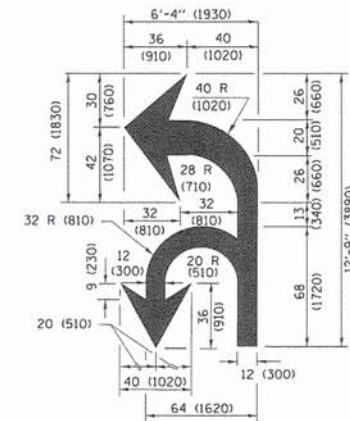


ISLAND OFFSET FROM PAVEMENT EDGE

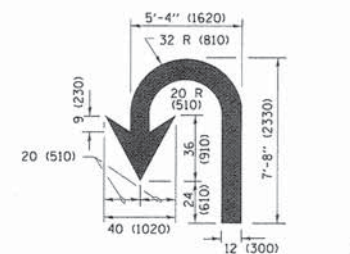


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE. SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

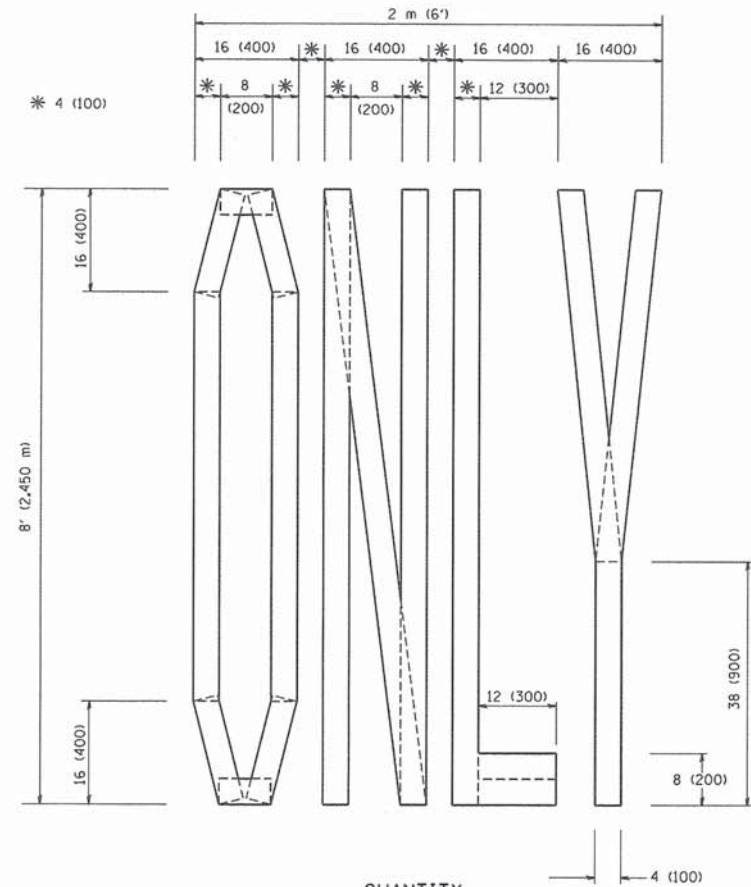
All dimensions are in inches (millimeters) unless otherwise shown.

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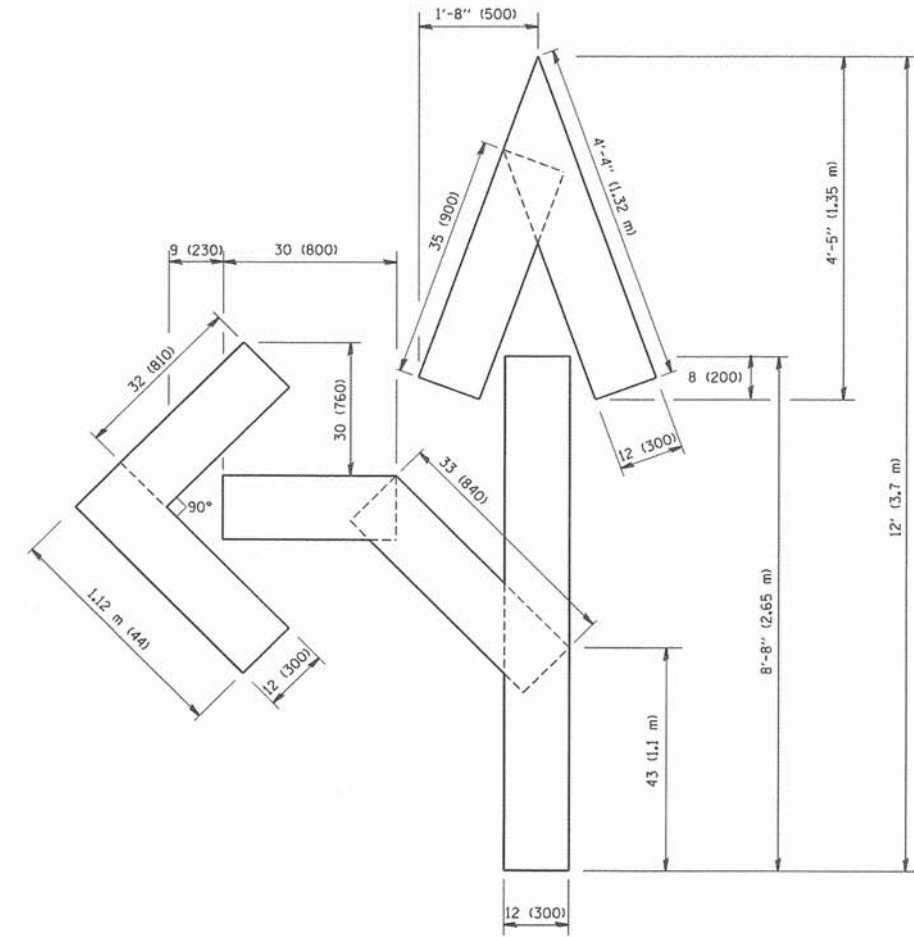
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

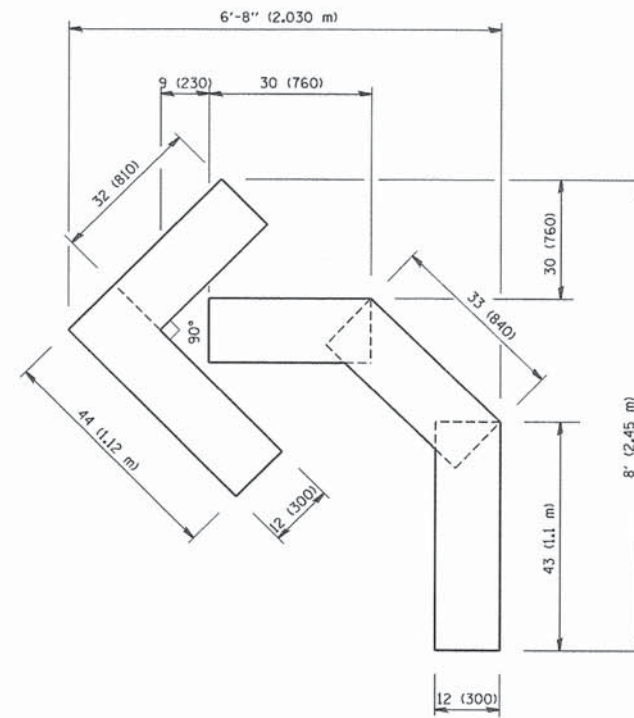
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						CONTRACT NO. 61C53	
						ILLINOIS FED. AID PROJECT	



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

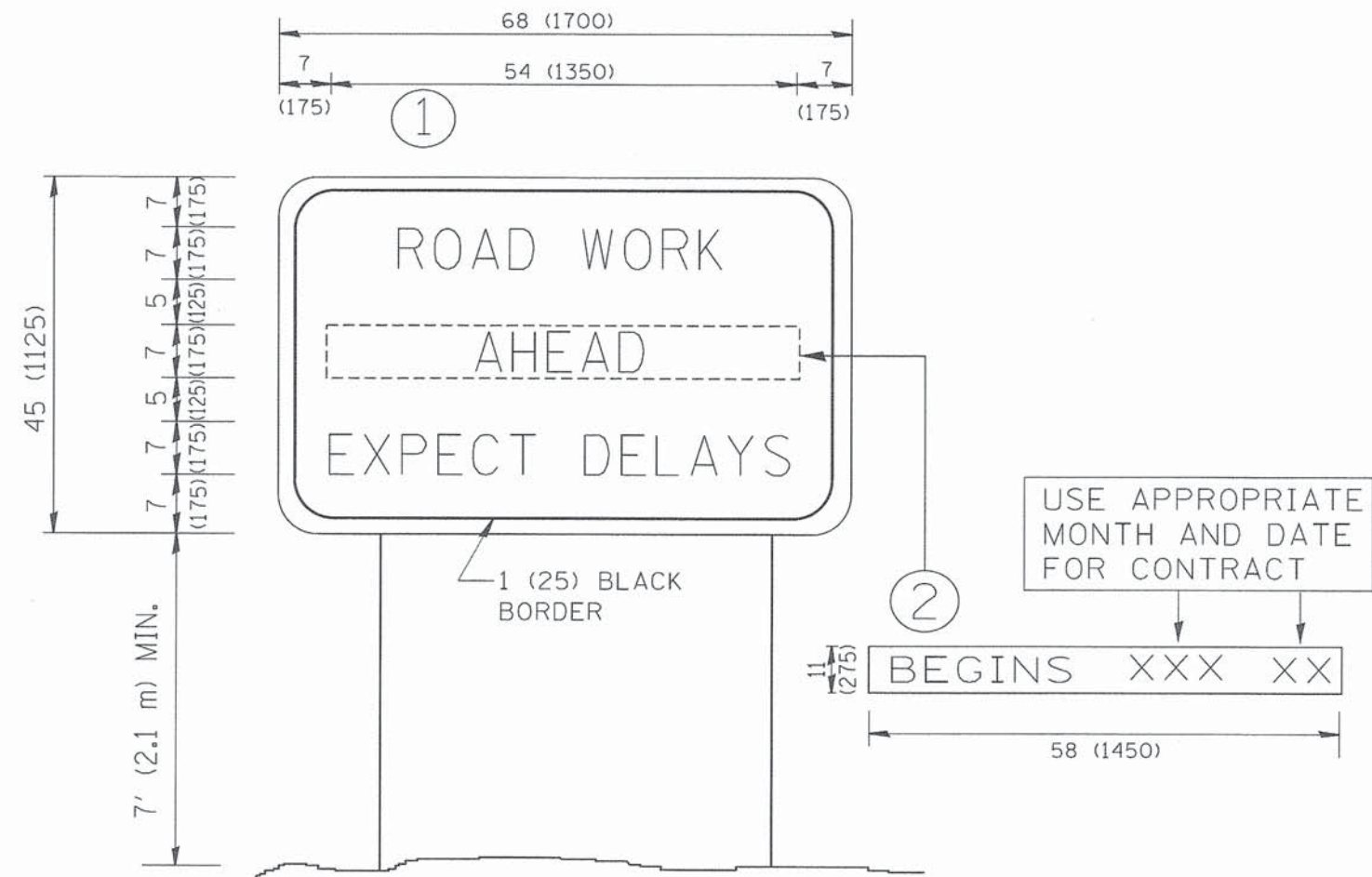
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	PLOT DATE = 1/4/2008	DATE = 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	25
TC-16		CONTRACT NO. 61C53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

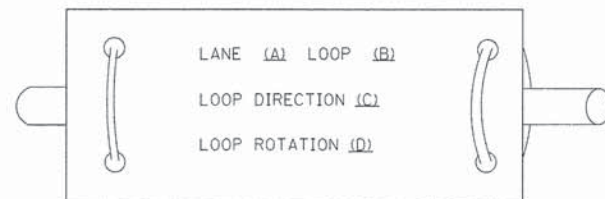
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = goglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	1551	15-00072-00-RS	DUPAGE	29	26
		PLOT SCALE = 50.000' / IN.	CHECKED -		REVISED - T. RAMMACHER 02-02-99		TO STA.	TC-22		CONTRACT NO. 61C53		
		PLOT DATE = 1/4/2008	DATE -		REVISED - C. JUCLUS 01-31-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

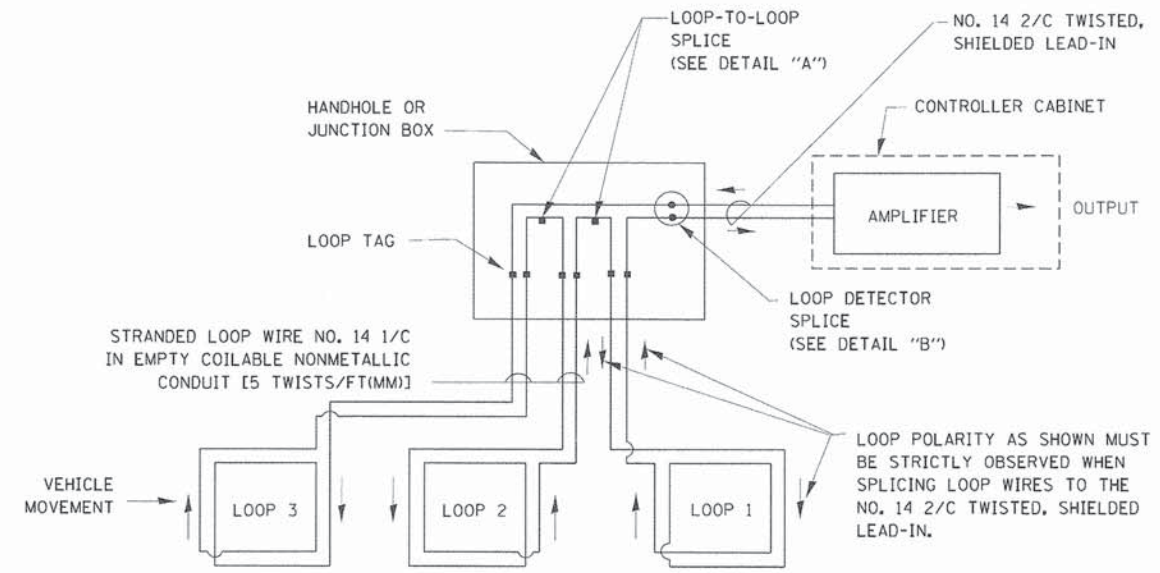
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

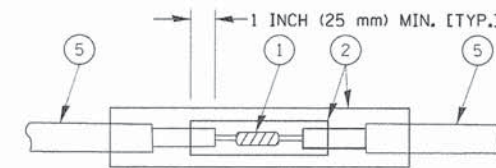


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

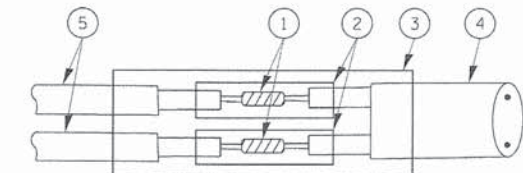


DETECTOR LOOP WIRING SCHEMATIC

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

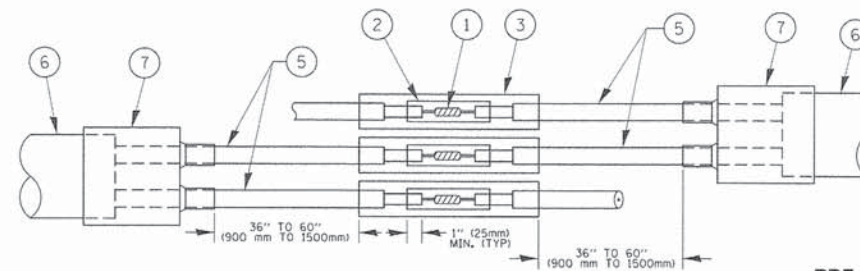


DETAIL "A"
LOOP-TO-LOOP SPLICE

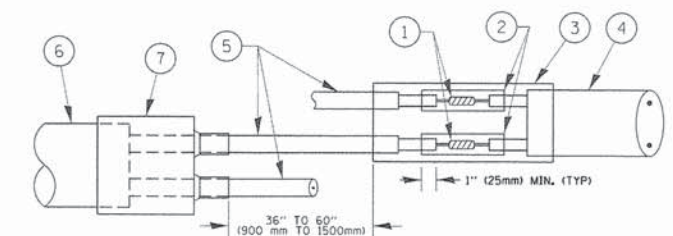


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PRE-FORMED LOOP

LOOP DETECTOR SPLICE

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

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ca:\pwwork\pwwork\footemj\d0100315\ts05.dgn		DRAWN - BCK	REVISED -
		CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

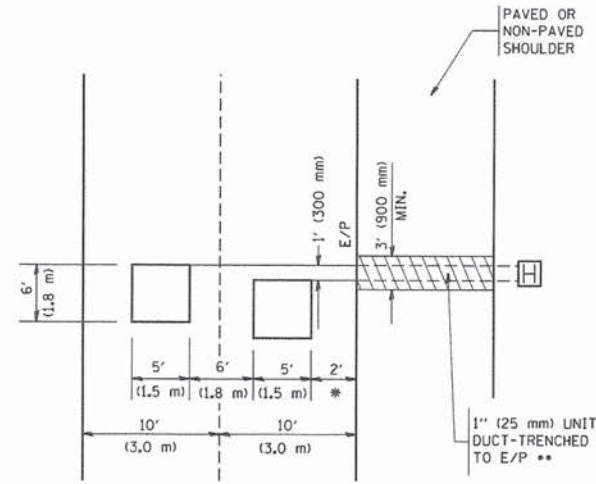
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	27
TS-05		CONTRACT NO. 61C53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



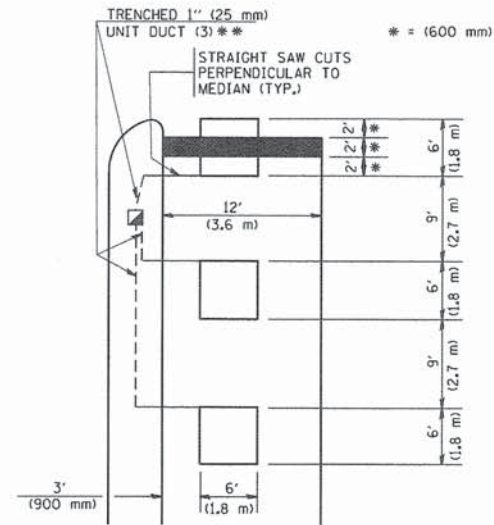
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 8:4001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



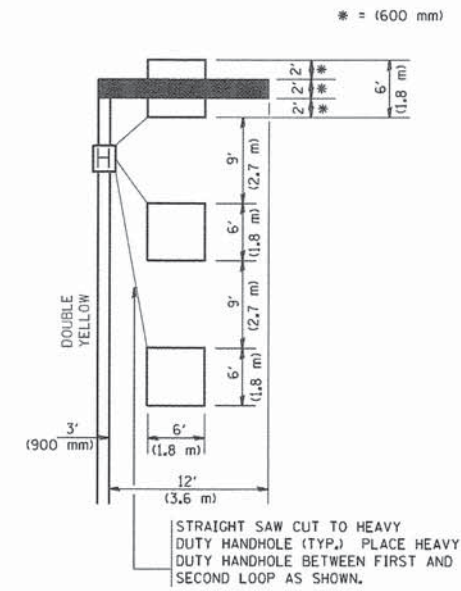
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

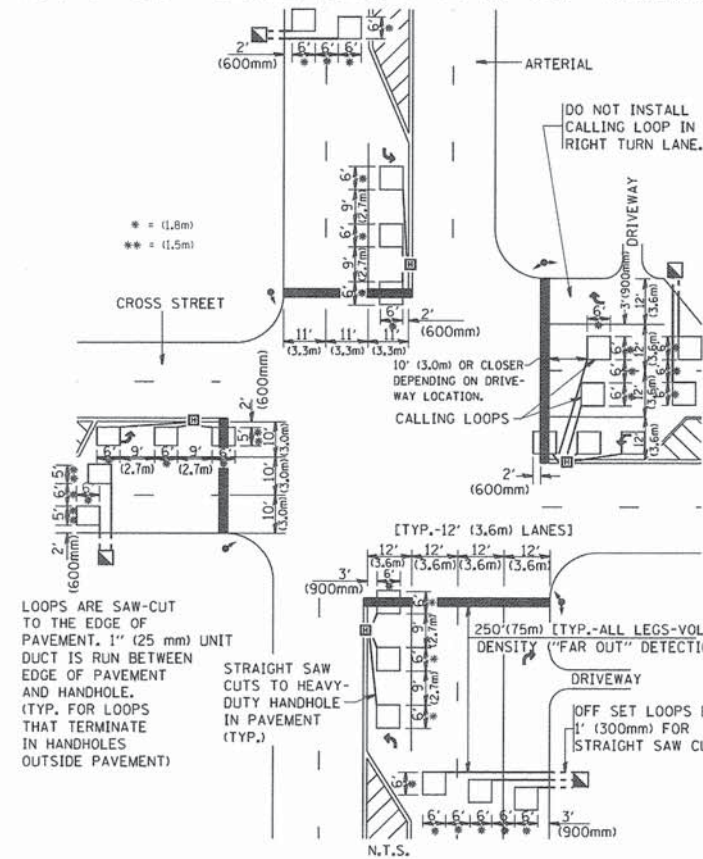
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

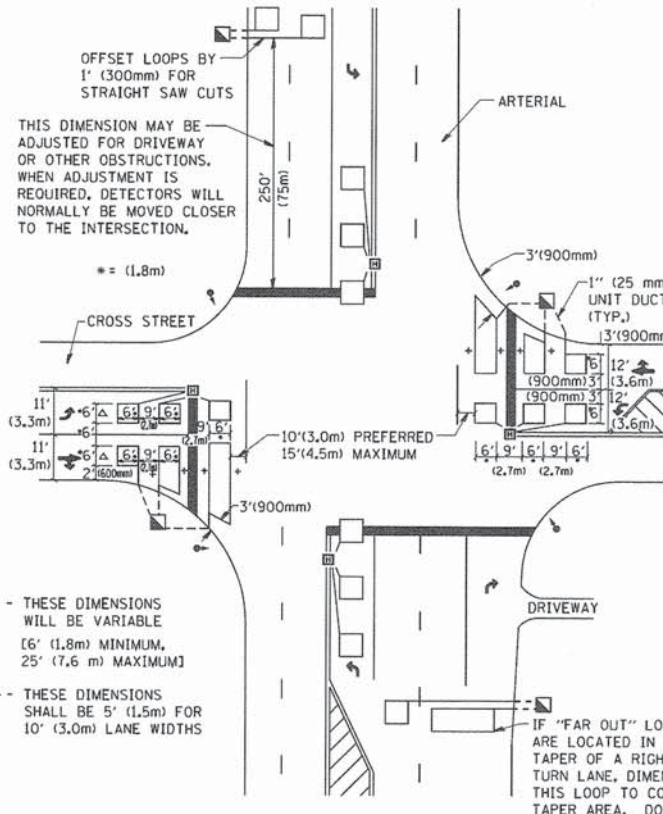
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



DETAIL 1
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME = W:\diststd\22x34\ts07.dgn

USER NAME = gaglianobt
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DATE -

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DATE -

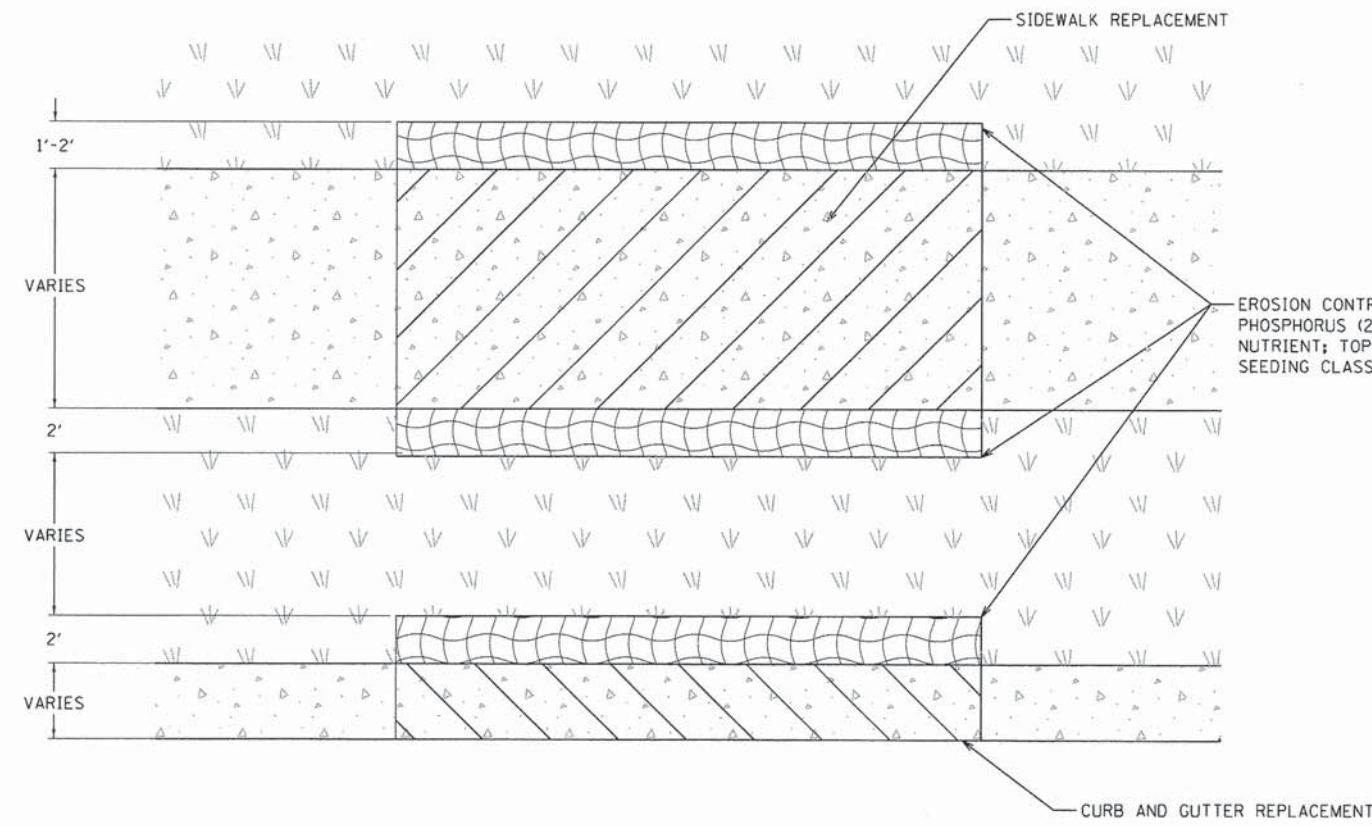
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

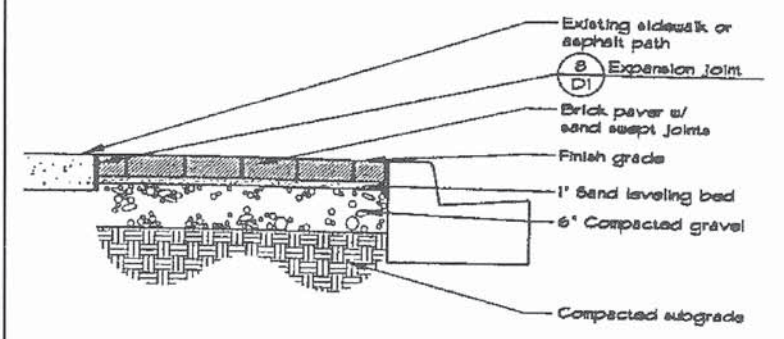
DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

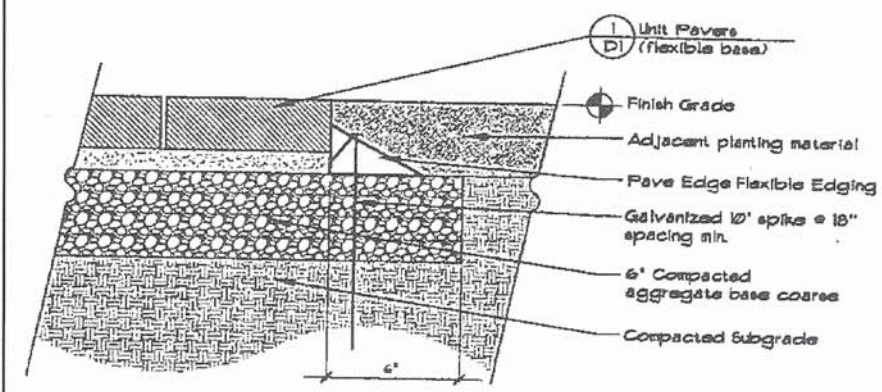
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	28
TS-07			CONTRACT NO. 61C53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



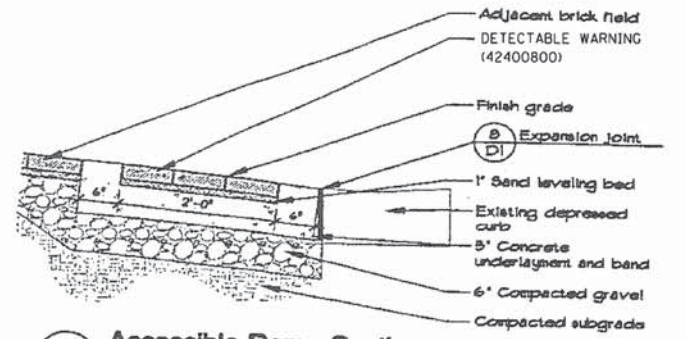
EROSION CONTROL BLANKET (25100630); NITROGEN (25000400), PHOSPHORUS (25000500), POTASSIUM (25000600) FERTILIZER NUTRIENT; TOPSOIL FURNISH AND PLACE, 4" (21101615); SEEDING CLASS, 1A (25000110)



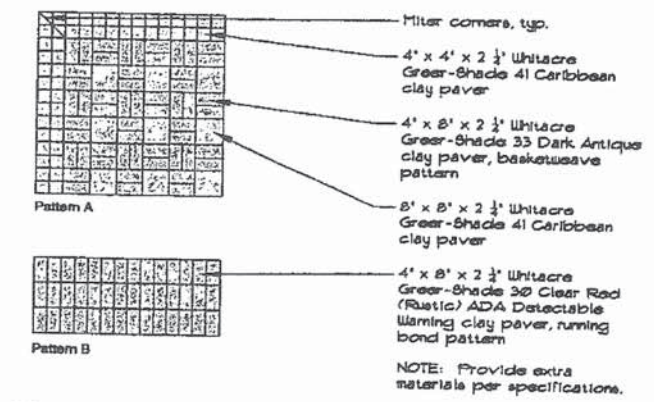
1 Unit Paving (w/ flexible base)
d-unitpav-flexdiag
1' = 1'-0"



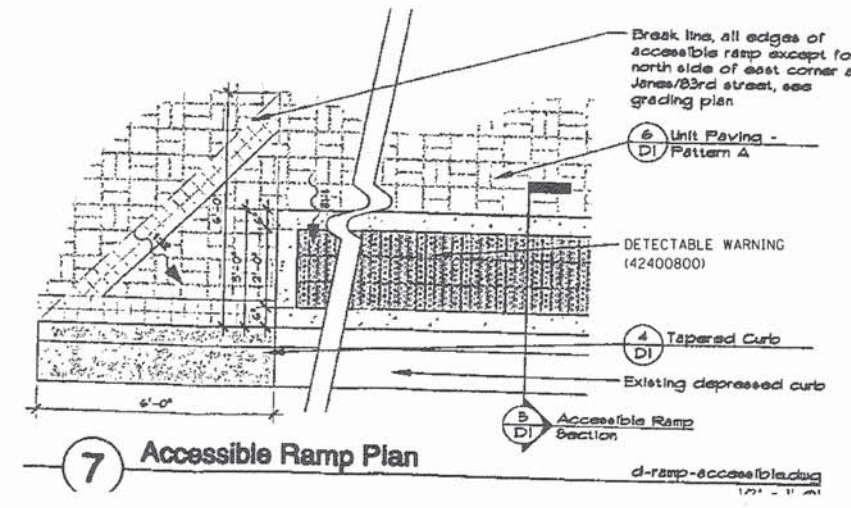
2 Unit Paver Edging (flexible base)
d-pav-flex-edge
3' = 1'-0"



5 Accessible Ramp Section
d-unitpav-rigiddiag
1' = 1'-0"



6 Brick Patterning
d-pav-patterning
1/2" = 1'-0"



7 Accessible Ramp Plan
d-ramp-accessiblediag
1/2" = 1'-0"



USER NAME = bhert
PLOT SCALE = 1'
PLOT DATE = 1/25/2016

DESIGNED - BAH
DRAWN - BAH
CHECKED - JQH
DATE - 01/25/15

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND
BRICK PAVER DETAIL

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1551	15-00072-00-RS	DUPAGE	29	29
CONTRACT NO. 61C53				
ILLINOIS FED. AID PROJECT				