

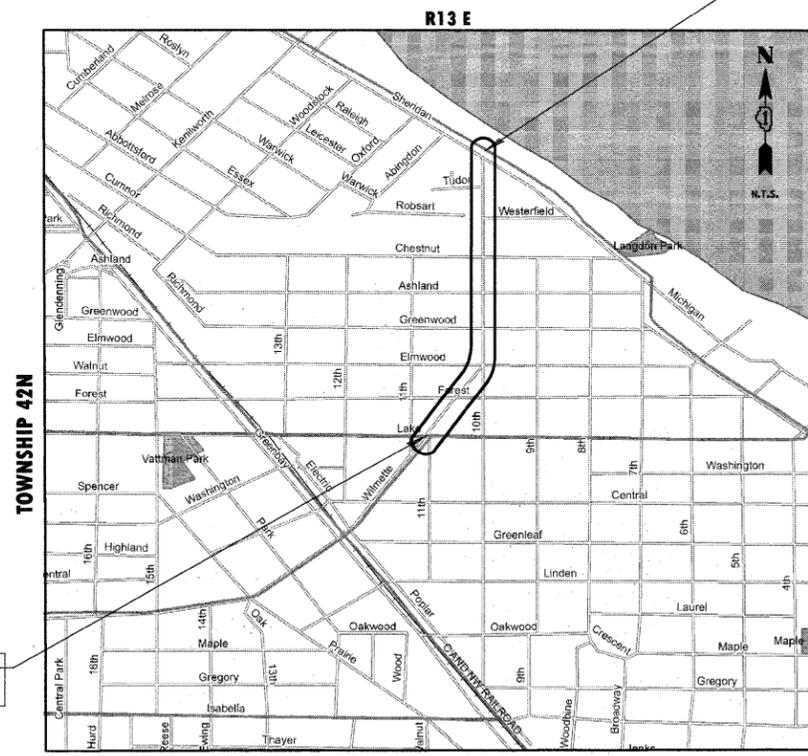
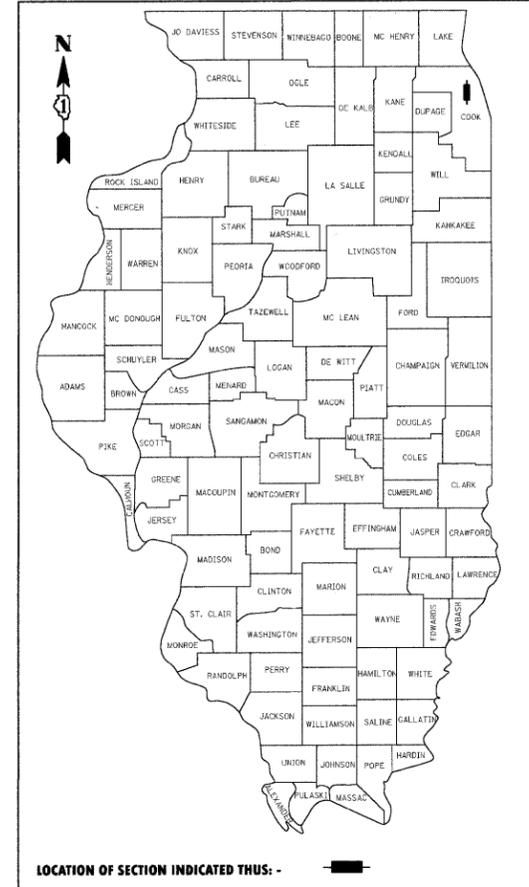
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	09-00186-00-RS	COOK	17	1
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63282				

DESCRIPTION	SHEET NO.
TITLE SHEET	1
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**RESURFACING WILMETTE AVENUE/10TH STREET (FAU 1297)
VILLAGE OF WILMETTE
LAKE AVENUE TO SHERIDAN ROAD
L.A SECTION 09-00186-00-RS
PROJECT ARA-9003 (305)
COOK COUNTY
C-91-590-09**



**PROJECT ENDS
STA. 36+66**

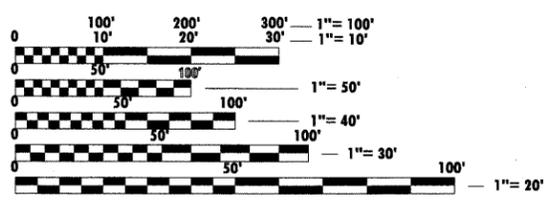
**OMISSION:
NONE**

**PROJECT BEGINS
STA. 0+00**

**TRAFFIC DATA
ADT (YEAR) = 5200 (2009)**

**POSTED SPEED
30 MPH (EXISTING)
30 MPH (PROPOSED)**

DESIGN DESIGNATION: COLLECTOR



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

**J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
8-1-1 OR 800-892-0123**

CONTRACT NO. 63282

**PROJECT ENGINEER: JORGE CRUZ
PROJECT MANAGER: JORGE CRUZ**

**LOCATION MAP
GROSS LENGTH OF PROJECT = 3666 LINEAL FEET (0.70 MILES)
NET LENGTH OF PROJECT = 3666 LINEAL FEET (0.70 MILES)**

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

APPROVED AUGUST 14, 2009
Jorge Cruz
VILLAGE ENGINEER, VILLAGE OF WILMETTE

PASSED AUGUST 31, 2009
Cheryl...
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW AUGUST 26, 2009
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

JORGE A. CRUZ
062-051712
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

Jorge Cruz
ENGINEER
8-14-09
DATE

ILLINOIS REGISTRATION No. 062-051712
EXPIRATION DATE: 11/30/09

ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH (847) 705-4169

SUMMARY OF QUANTITIES

PAY ITEM #	DESCRIPTION	UNIT	Qty.
20101200	TREE ROOT PRUNING	EACH	1.00
20200100	EARTH EXCAVATION	CU YD	2.00
28000510	INLET FILTERS	EACH	49.00
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	40.00
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,217.92
40600300	AGGREGATE (PRIME COAT)	TON	24.36
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,510.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	12.00
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	146.30
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,095.00
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	12,179.22
44000600	SIDEWALK REMOVAL	SQ FT	3,095.00
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1,009.50
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	362.10
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	3.00
60260200	INLETS TO BE ADJUSTED, SPECIAL	EACH	15.00
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	21.00
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.00
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	504.00
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	661.00
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	171.00
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	188.00
XX000406	BRICK PAVER REMOVAL AND REPLACEMENT	SQ FT	714.00
XX005833	TREE PROTECTION, SPECIAL	L SUM	1.00
XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	7.20
XX007369	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 8"	SQ YD	21.60
XX007729	DETECTABLE WARNINGS, SPECIAL	SQ FT	88.00
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	597.00
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	42.00
XX002258	STRUCTURES TO BE ADJUSTED	EACH	6.00
XX007079	CONCRETE RIBBON	FOOT	204.00
* XX008171	SPRINKLER SYSTEM REPAIR	L SUM	1.00
67100100	MOBILIZATION	L SUM	1.00

*INDICATES SPECIALTY ITEM

FILE NAME = N:\wilmette\VILLAGE LAPP PROJECT\DWG's\quo.dwg	USER NAME = MAGOLDEN	DESIGNED - LMF	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = NTS	CHECKED - LMF	REVISED - ---	1297			09-00186-00-RS	COOK	17	2	
PLCT DATE = 8/21/2009	DATE - 06/25/09	REVISED - ---	CONTRACT NO. 63282							
						NTS	SHEET NO. -- OF --- SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

GENERAL NOTES

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)
THE CONTRACTOR SHALL CONTACT IDOT'S BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS BEFORE PLACING HOT MIX ASPHALT OR PORTLAND CEMENT CONCRETE.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WATER, STORM SEWER AND SANITARY SEWER

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

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AND INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS. CONTACT WATER DEPARTMENT FOR THEM TO TURN VALVES OR OPERATE HYDRANTS. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEM AGGREGATE FOR TEMPORARY ACCESS.

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

ALL SAWCUTTING SHALL BE INCLUDED TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, DRIVEWAY REMOVAL AND REPLACEMENT, STRUCTURES TO BE ADJUSTED, AND CLASS D PATCHES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AND WILL NOT EXCEED THE PLANNED QUANTITY.

THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.

DETECTABLE WARNINGS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS, DRIVEWAYS, AND ALLEYS AS DIRECTED BY THE ENGINEER (SEE IDOT STD. 424001-05 INCLUDED IN THE SPECIFICATIONS).

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". STOP SIGNS, SPEED LIMIT SIGNS, AND STREET NAME SIGNS SHALL BE UP AND VISIBLE AT ALL TIMES. THIS WORK SHALL BE INCLUDED TO THE PAY ITEM TRAFFIC CONTROL AND PROTECTION.

ADVANCED WARNING CHANGEABLE MESSAGE BOARDS SHALL BE POSTED AT BOTH ENDS OF THE ROADWAY 2 WEEKS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WITHIN THE VILLAGE'S RIGHT-OF-WAY NOTIFYING THE MOTORING PUBLIC OF THE UPCOMING WORK (ROAD CONSTRUCTION/LANE REDUCTION BEGINNING _____, EXPECT DELAYS, SEEK ALTERNATE ROUTES, ECT.). THE LANGUAGE MUST BE PROVIDED TO THE VILLAGE FOR REVIEW/APPROVAL PRIOR TO THEIR ACTIVATION. THE MESSAGE BOARD LOCATION SHALL BE REVIEWED AND APPROVED BY THE VILLAGE PRIOR TO PLACEMENT. THIS WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.

FRESH OIL SIGNS SHALL BE POSTED AT BOTH ENDS OF THE ROADWAY AND ALL SIDE STREETS AS DIRECTED BY THE ENGINEER. CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT ALL SIDE STREETS AND BOTH ENDS OF THE ROADWAY WHILE CONSTRUCTION IS IN PROGRESS. THIS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PROPOSED CONCRETE CURB AND GUTTER SHALL BE TRANSITIONED TO EXISTING CURB AND GUTTER OVER A LENGTH OF 5 FEET. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

CONTRACTOR SHALL NOT PLACE SOD UNTIL THE TEMPERATURE IS 80° OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80° OR LESS. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.

NO CONSTRUCTION SHALL BEGIN UNTIL ALL PROPER SIGNS AND BARRICADES HAVE BEEN INSTALLED.

ALL ROADS MUST HAVE ONLY ONE LONGITUDINAL JOINT WHILE PAVING.

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

NO VIBRATORY ROLLERS SHALL BE USED WHEN PLACING POLYMERIZED LEVELING BINDER.

SUBSURFACE EXPLORATION DATA

LIMITED INVESTIGATION OF SUBSURFACE CONDITIONS AT THE PROPOSED SITE OF WORK HAS BEEN MADE FOR THE PURPOSE OF DESIGN. THE VILLAGE OF WILMETTE ASSUMES NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THESE PRELIMINARY INVESTIGATIONS, NOR THEIR INTERPRETATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED THAT CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE EXISTING THROUGHOUT THE WORK OR ANY PART OF IT, OR THAT UNFORESEEN DEVELOPMENTS MAY OCCUR.

SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK

THE BIDDER ACKNOWLEDGES THAT, PRIOR TO SUBMISSION OF ITS BID, IT HAS TAKEN STEPS NECESSARY TO ASCERTAIN THE NATURE AND LOCATION OF THE WORK, AND THAT IT HAS INVESTIGATED, CONFIRMED, VERIFIED AS CORRECT AND SATISFIED ITSELF AS TO THE GENERAL AND LOCAL CONDITIONS WHICH CAN AFFECT THE WORK OR ITS COSTS, INCLUDING BUT NOT LIMITED TO (1) LOCATION AND LOAD CAPACITY OF EXISTING ROADWAYS, UTILITIES, CORRESPONDING PAVEMENT, SHOULDERS, CURB AND GUTTER, SANITARY SEWER, STORM SEWERS, AND WATER MAIN, BEARING UPON TRANSPORTATION, DISPOSAL, HANDLING AND STORAGE OF MATERIALS; (2) THE AVAILABILITY OF LABOR, WATER, ELECTRIC POWER AND ROADS; (3) UNCERTAINTIES OF WEATHER, RIVER STAGES, TIDES, OR SIMILAR PHYSICAL CONDITIONS AT THE SITE; (4) THE CONFORMATION AND CONDITIONS OF THE GROUND AND EXISTING DETENTION PONDS; (5) THE CHARACTER OF EQUIPMENT AND FACILITIES NEEDED PRIOR TO AND DURING WORK PERFORMANCE; (6) SUBSURFACE CONDITIONS AT THE SITE OF WORK; (7) THE QUANTITIES AND QUALITIES OF ALL MATERIALS, EQUIPMENT, AND LABOR SET FORTH IN BID PROPOSAL, PLANS AND DRAWINGS AND SPECIFICATIONS THAT ARE NECESSARY TO COMPLETE ALL OF THE WORK AS REQUIRED UNDER THE CONTRACT DOCUMENTS; AND (8) THE LOCATION, CONDITION, COMPATIBILITY, CONFIGURATION OF ALL EXISTING UTILITIES AND AND SATISFIED ITSELF AS TO THE CHARACTER, QUALITY AND QUANTITY OF SURFACE AND SUBSURFACE MATERIALS, OBSTACLES OR CONDITIONS TO BE ENCOUNTERED INSOFAR AS THIS INFORMATION IS REASONABLY ASCERTAINABLE FROM AN INSPECTION OF THE SITE, INCLUDING ALL EXPLORATORY WORK DONE, IF ANY, AS WELL AS FROM THE DRAWINGS, PLANS AND SPECIFICATIONS MADE A PART OF THE BIDDING DOCUMENTS. THE BIDDER FURTHER ACKNOWLEDGES THAT IT HAS REVIEWED, INVESTIGATED, CONFIRMED, VERIFIED AS CORRECT AND SATISFIED ITSELF AS TO THE GEOTECHNICAL REPORT. ANY FAILURE OF THE BIDDER TO TAKE THE ACTIONS DESCRIBED AND ACKNOWLEDGED IN THIS PARAGRAPH WILL NOT RELIEVE THE BIDDER FROM RESPONSIBILITY FOR ESTIMATING PROPERLY THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK, OR FOR PROCEEDING TO SUCCESSFULLY PERFORM THE WORK WITHOUT ADDITIONAL EXPENSE TO THE OWNER. THE VILLAGE OF WILMETTE ASSUMES NO RESPONSIBILITY FOR ANY CONCLUSIONS OR INTERPRETATIONS MADE BY THE BIDDER BASED ON INFORMATION MADE AVAILABLE BY THE VILLAGE OF WILMETTE. NOR WILL THE VILLAGE OF WILMETTE ASSUME RESPONSIBILITY FOR ANY UNDERSTANDING REACHED OR REPRESENTATION MADE CONCERNING CONDITIONS WHICH CAN AFFECT THE WORK BY ANY OF ITS OFFICERS OR AGENTS BEFORE THE ACCEPTANCE OF THE BID OFFER AND EXECUTION OF THE CONTRACT, UNLESS THAT UNDERSTANDING OR REPRESENTATION IS EXPRESSLY STATED IN THIS CONTRACT.

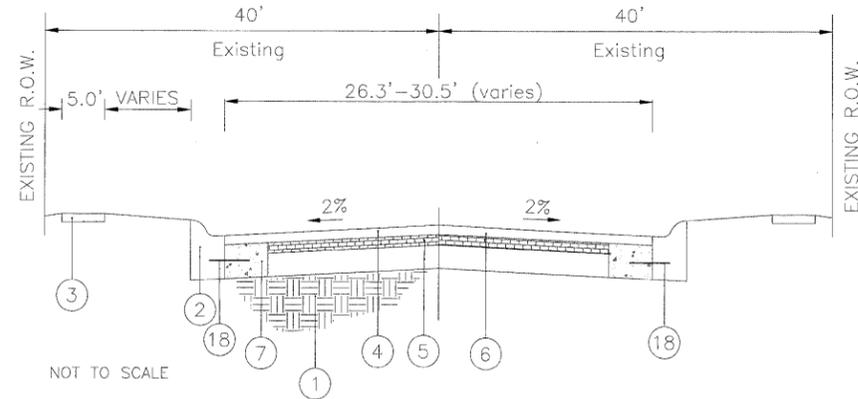
HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD, STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
602301-02	INLET - TYPE A
604001-03	FRAME AND LIDS TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
B.L.R. 17-4	TRAFFIC CONTROL DEVICES DAY LABOR CONSTRUCTION
B.L.R. 18-5	TRAFFIC CONTROL DEVICES DAY LABOR MAINTENANCE

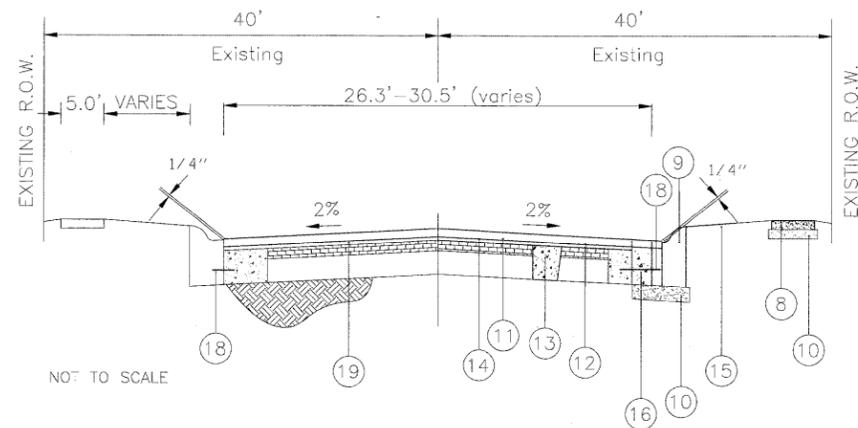
DISTRICT 1 DETAILS

TC10	TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
	CURB AND GUTTER REMOVAL AND REPLACEMENT
	BUTT JOINT AND HMA TAPER DETAILS

FILE NAME =	USER NAME = MACOLDEN	DESIGNED - LMF	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND IDOT STANDARDS VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\wilmette\VILLAGE LAPP PROJECT\DWG's\10t.dwg	PLOT SCALE = NTS	DRAWN - MDH	REVISED - ---			1297	09-00186-00-RS	COOK	17	3
	PLOT DATE = 8/17/2009	CHECKED - LMF	REVISED - ---			CONTRACT NO. 63282				
	DATE - 06/25/09	REVISED - ---	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				NTS SHEET NO. -- OF --- SHEETS STA. ----- TO STA. -----						



EXISTING

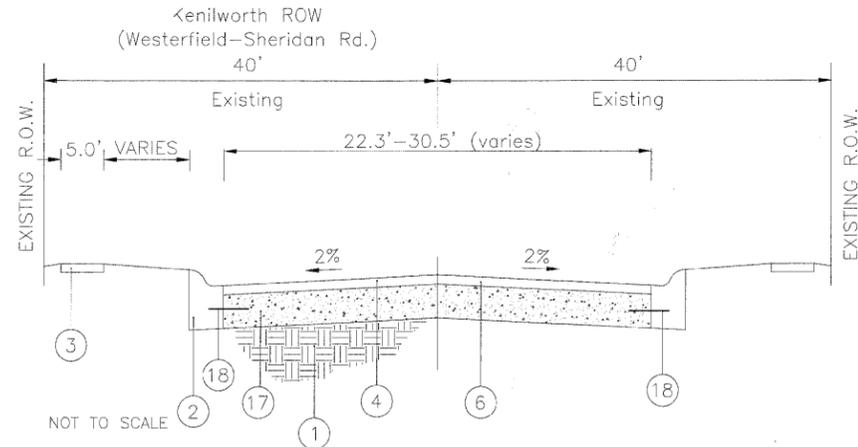


**PROPOSED
TYPICAL SECTION**

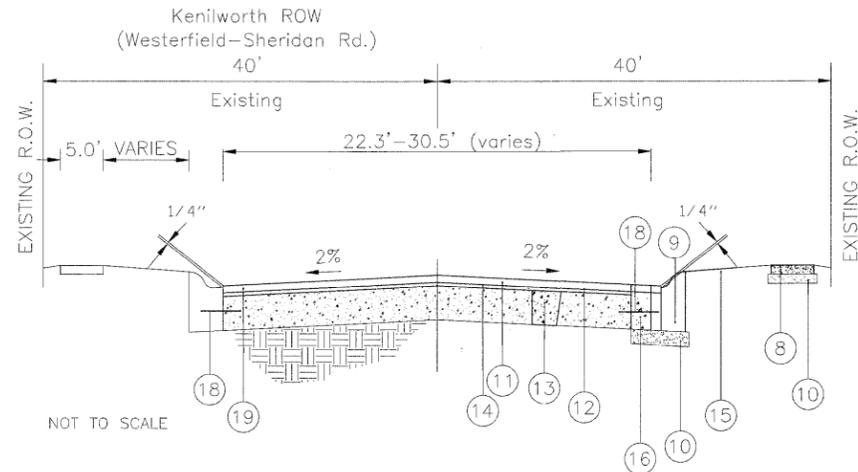
**Wilmette Ave: Lake Ave. - Elmwood Ave.
10th St.: Elmwood Ave. - Chestnut Ave.**

LEGEND:

- | | | |
|--|--|--|
| 1. Existing Subgrade, Soil and Moisture Conditions Vary | 9. Combination Curb and Gutter Removal and Replacement (Locations Designated by Engineer) Includes excavation for 4" CA-6 sub-base. | 17. Existing PCC Base (7") |
| 2. Existing Combination Curb and Gutter, Type B6.12 | 10. CA-6 or Other Approved Porous Material Beneath Proposed Sidewalk & Driveways (2"); Curb and Gutter (4") (Included with c/g and sidewalk unit prices) | 18. 18" No. 6 Dowel Bars at 24" on Center Drilled into Pavement with Epoxy Grout (Included in the cost of Curb and Gutter) |
| 3. Existing Portland Cement Concrete (P.C.C.) Sidewalk. | 11. Hot-Mix Asphalt Surface Course, N50, Mix D, 2.0" | 19. Polymerized Leveling Binder (Machine Method), IL-4.75, N50, 3/4" |
| 4. Existing Bituminous Concrete Surface, 2 1/2" | 12. Bituminous Materials, Prime Coat | |
| 5. Existing Brick Pavement and Stone Base (to remain) | 13. Class 'D' Patching (Locations Designated by Engineer) | |
| 6. Bituminous Surface Removal, 2 1/2" (Cold Milling) | 14. Reflective Crack Control System A | |
| 7. Existing PCC Base (8"-10") | 15. Sodding (Includes 4" of Topsoil Placement) | |
| 8. P.C.C. Sidewalk, Remove and Replace 5", at Locations Designated by Engineer. (Includes 2" compacted CA-6, Included with unit price) | 16. Base Course Wedge and Full depth saw cut included with c/g unit price. | |



EXISTING



**PROPOSED
TYPICAL SECTION**

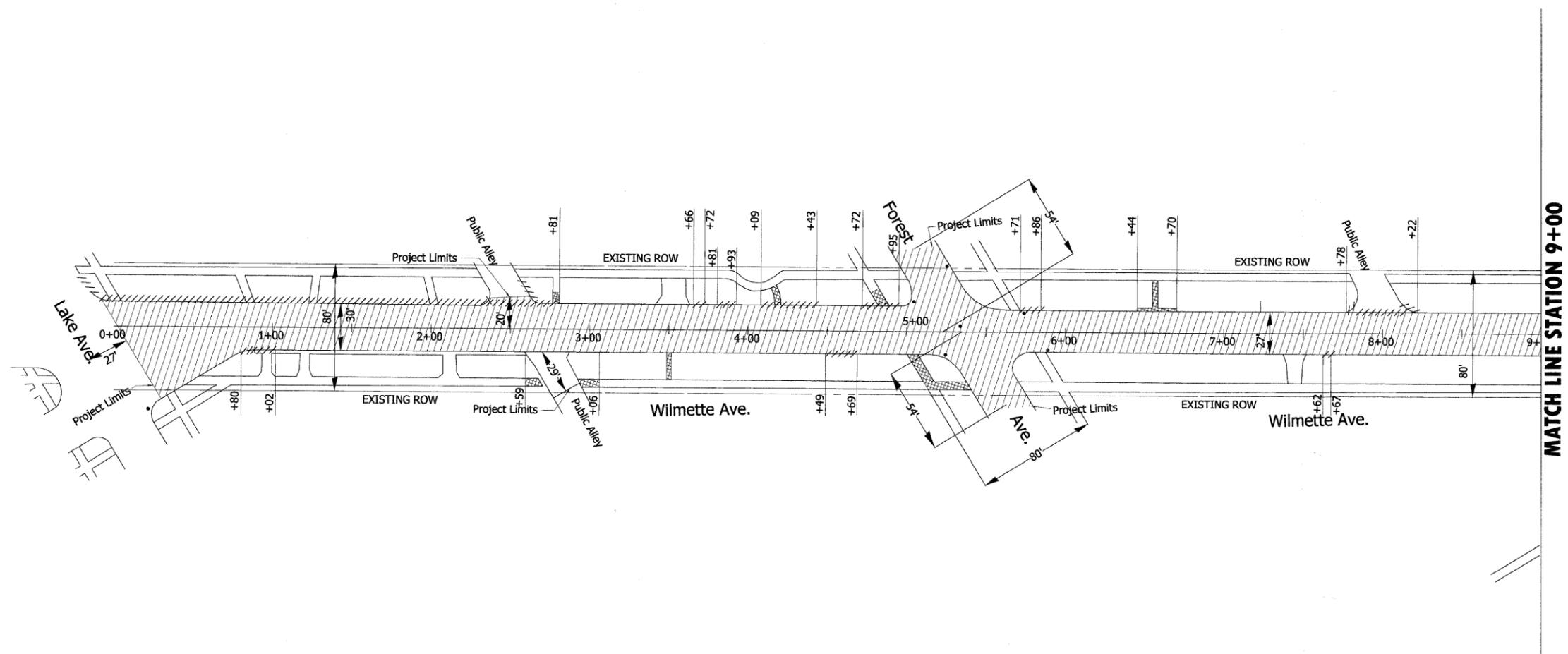
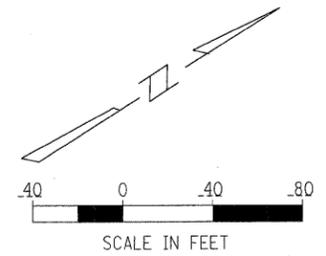
10th St.: Chestnut Ave. - Sheridan Rd.

CONTRACTOR SHALL MILL BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE TYPE (ROADWAY)	AC-TYPE	VOIDS	MAX RAP %
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 2" (IL 9.5 mm)	PG 64-22	4%@50 GYR.	15
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4%@50 GYR.	15
CLASS D PATCHES, 8" (HMA BINDER IL-19mm)	PG 64-22/*	4%@70 GYR.	15/25
DRIVEWAYS			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50, 3" (IL 9.5 mm)	PG 64-22	4%@50 GYR.	15

NOTES:

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



Legend:

-  Hot-Mix Asphalt Surface Removal, 2-1/2" (Cold Milling)
-  Combination Concrete Curb and Gutter Removal and Replacement
-  Portland Cement Concrete Sidewalk Removal
-  Driveway Pavement Removal
-  Class "D" Patches, Type IV, 8 Inch

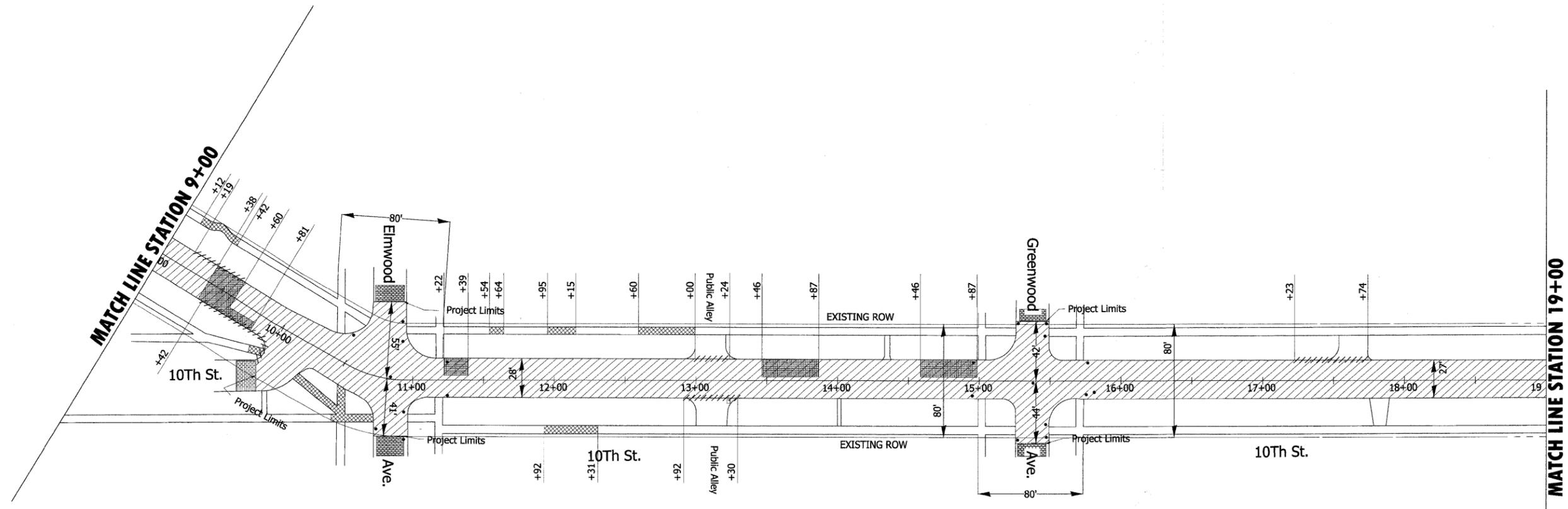
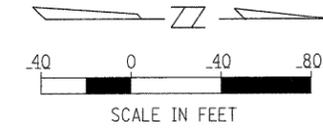
FILE NAME =	USER NAME = MAGOLDEN	DESIGNED - LMF	REVISED -
N:\wilmette\WILLAGE LAPP PROJECT\DWG\S	REM.1.2009 Resurfacing.dwg	DRAWN - MDH	REVISED -
	PLOT SCALE = 3"	CHECKED - LMF	REVISED -
	PLOT DATE = 08-17-09	DATE - 06/25/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE**

SCALE: 1"=40' SHEET NO. OF SHEETS STA. TO STA.

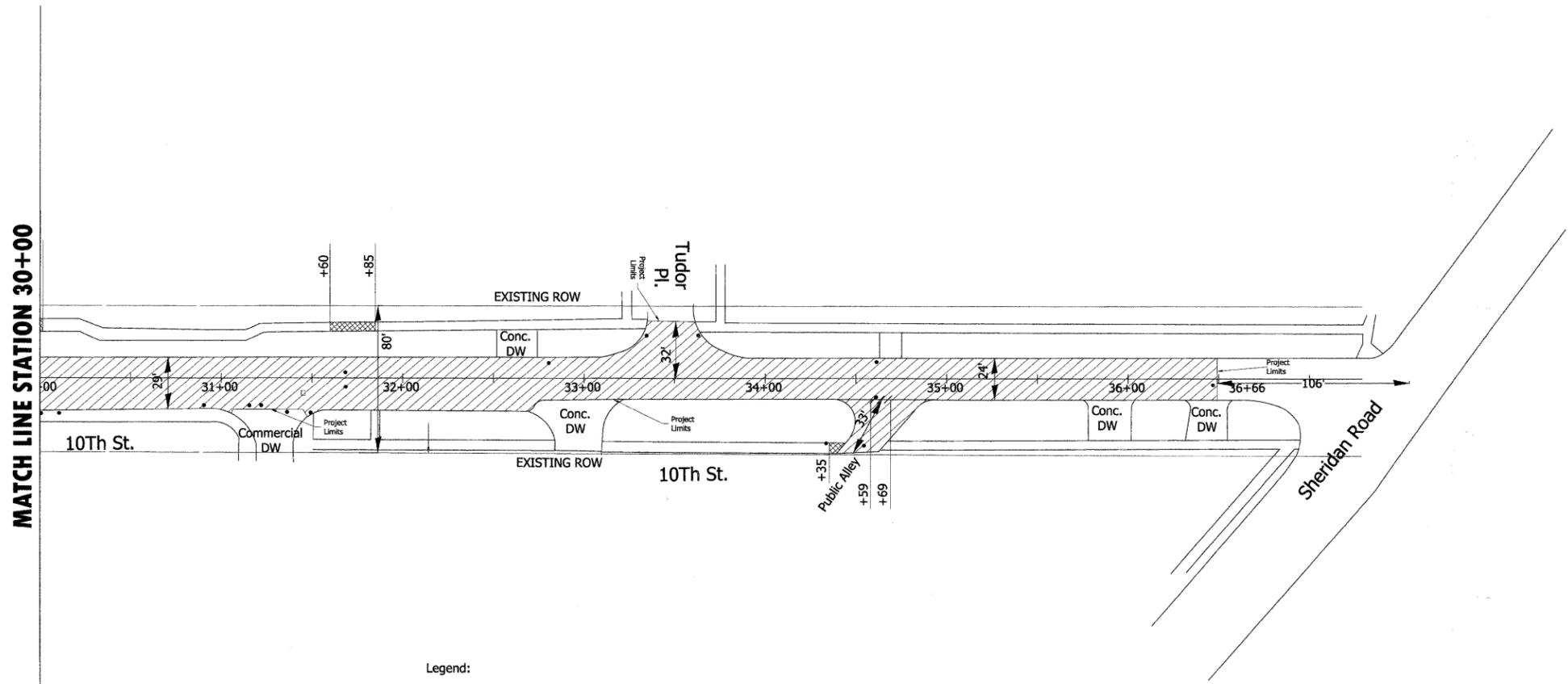
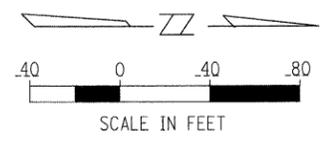
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1297	09-00186-00-RS	COOK	17	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63282	



Legend:

- Hot-Mix Asphalt Surface Removal, 2-1/2" (Cold Milling)
- Combination Concrete Curb and Gutter Removal and Replacement
- Portland Cement Concrete Sidewalk Removal
- Driveway Pavement Removal
- Class "D" Patches, Type IV, 8 Inch

FILE NAME = N:\wilmette\VILLAGE LAPP PROJECT\DWG's	USER NAME = MAGOLDEN REM_2_2009 Resurfacing.dwg	DESIGNED - LMF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS AND REMOVAL PLAN VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE	F.A. RTE. 1297	SECTION 09-00186-00-RS	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 6			
	PLOT SCALE = 3"	CHECKED - LMF	REVISED -			SCALE: 1"=40'		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63282			
	PLOT DATE = 8/17/2009	DATE - 06/25/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



MATCH LINE STATION 30+00

- Legend:
- Hot-Mix Asphalt Surface Removal, 2-1/2" (Cold Milling)
 - Combination Concrete Curb and Gutter Removal and Replacement
 - Portland Cement Concrete Sidewalk Removal
 - Driveway Pavement Removal
 - Class "D" Patches, Type IV, 8 Inch

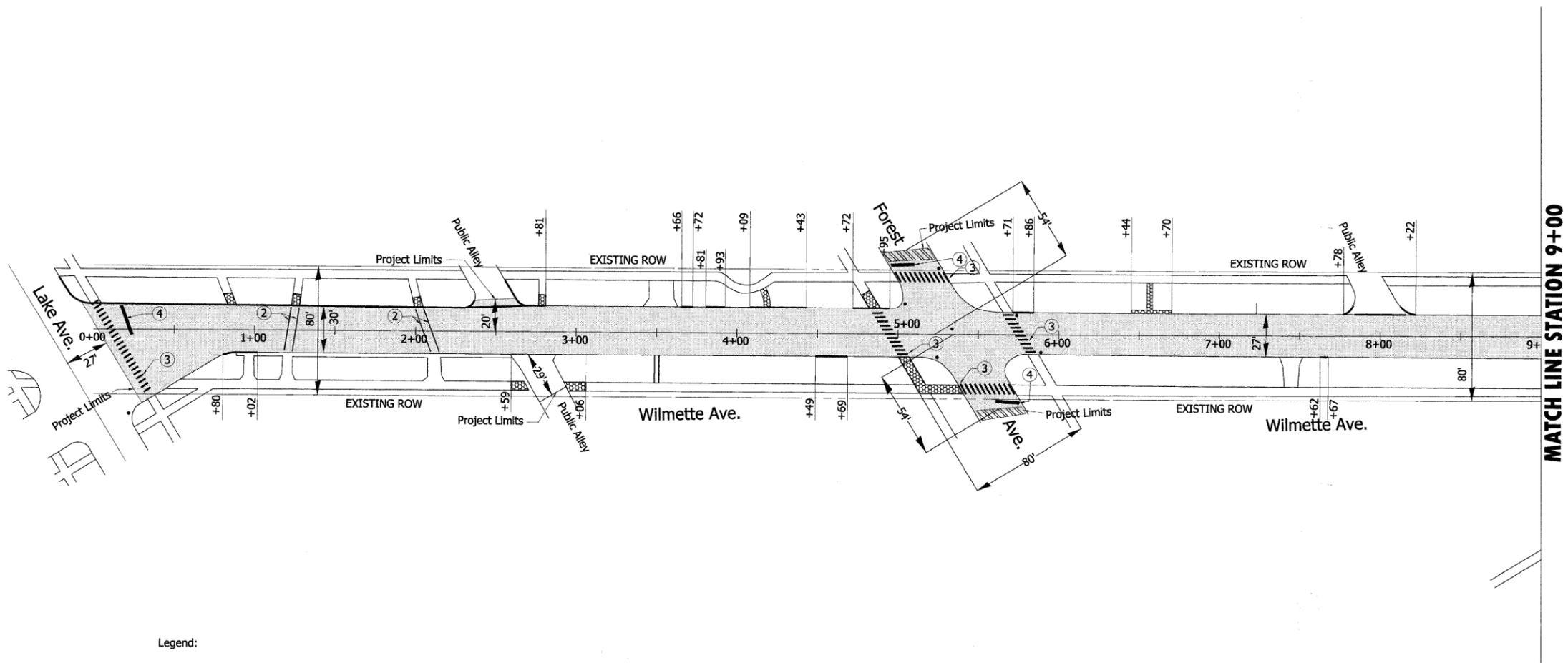
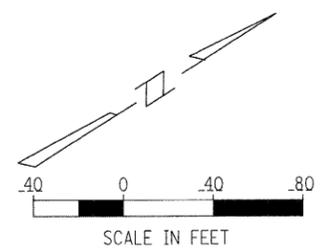
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		DRAWN - MDH	REVISED -
		CHECKED - LMF	REVISED -
		DATE - 06/25/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE**

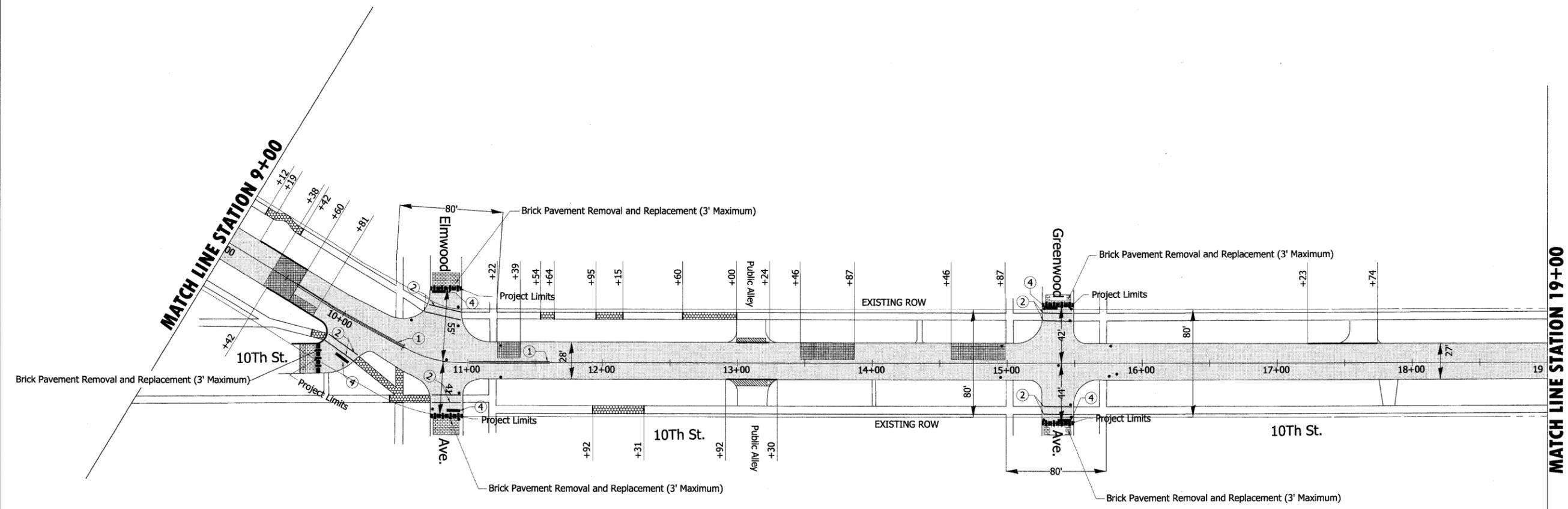
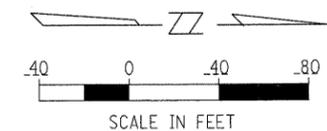
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1297	09-00186-00-RS	COOK	17	8
CONTRACT NO. 63282				

SCALE: 1"=40' SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



- Legend:**
- ① Proposed Thermoplastic Pavement Marking, 4" Double solid Yellow Line at 11" C-C (Typ.)
 - ② Proposed Thermoplastic Pavement Marking, 6" White Crosswalk Lines (Solid) at 6' Apart (Typ.)
 - ③ Proposed Thermoplastic Pavement Marking, 12" White (3' C-C)
 - ④ Proposed Thermoplastic Pavement Marking, 24" White Line, Stop Bar (Typ.)
- Hot-Mix Asphalt Surface Course, N50, Mix D, 2.0" To 2-1/2"
 - Class "D" Patches, Type IV, 8 Inch
 - Proposed Concrete Ribbon

FILE NAME = N:\wilmette\VILLAGE LAPP PROJECT\DWG's\PR.1.2009 Resurfacing.dwg	USER NAME = MAGOLDEN	DESIGNED - LMF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 3"	CHECKED - LMF	REVISED -			1297	09-00186-00-RS	COOK	17	9
PLOT DATE = 8/17/2009	DATE - 06/25/09	REVISED -	REVISED -	SCALE: 1"=40'	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 63282				



- Legend:**
- ① Proposed Thermoplastic Pavement Marking, 4" Double solid Yellow Line at 11" C-C (Typ.)
 - ② Proposed Thermoplastic Pavement Marking, 6" White Crosswalk Lines (Solid) at 6' Apart (Typ.)
 - ③ Proposed Thermoplastic Pavement Marking, 12" White (3' C-C)
 - ④ Proposed Thermoplastic Pavement Marking, 24" White Line, Stop Bar (Typ.)
- Hot-Mix Asphalt Surface Course, N50, Mix D, 2.0" To 2-1/2"
 - Class "D" Patches, Type IV, 8 Inch
 - Proposed Concrete Ribbon

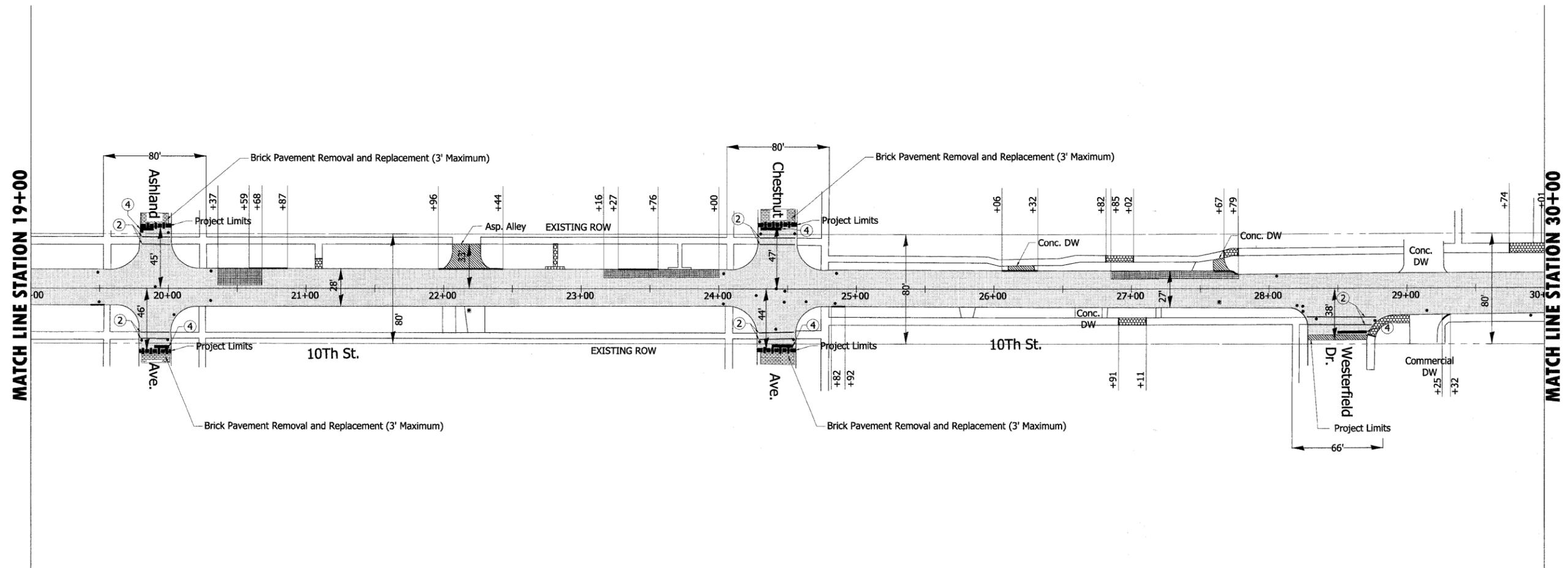
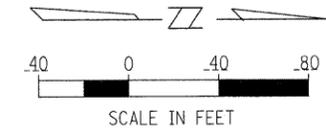
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PLOT SCALE = 3"	DATE = 06/25/09	DRAWN - MDH	REVISED -
PLOT DATE = 8/17/2009	DATE = 06/25/09	CHECKED - LMF	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE**

F.A. RTE. 1297	SECTION 09-00186-00-RS	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 10
CONTRACT NO. 63282				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1"=40' SHEET NO. OF SHEETS STA. TO STA.



Legend:

- ① Proposed Thermoplastic Pavement Marking, 4" Double solid Yellow Line at 11" C-C (Typ.)
- ② Proposed Thermoplastic Pavement Marking, 6" White Crosswalk Lines (Solid) at 6' Apart (Typ.)
- ③ Proposed Thermoplastic Pavement Marking, 12" White (3' C-C)
- ④ Proposed Thermoplastic Pavement Marking, 24" White Line, Stop Bar (Typ.)

Hot-Mix Asphalt Surface Course, N50, Mix D, 2.0" To 2-1/2"

Class "D" Patches, Type IV, 8 Inch

Proposed Concrete Ribbon

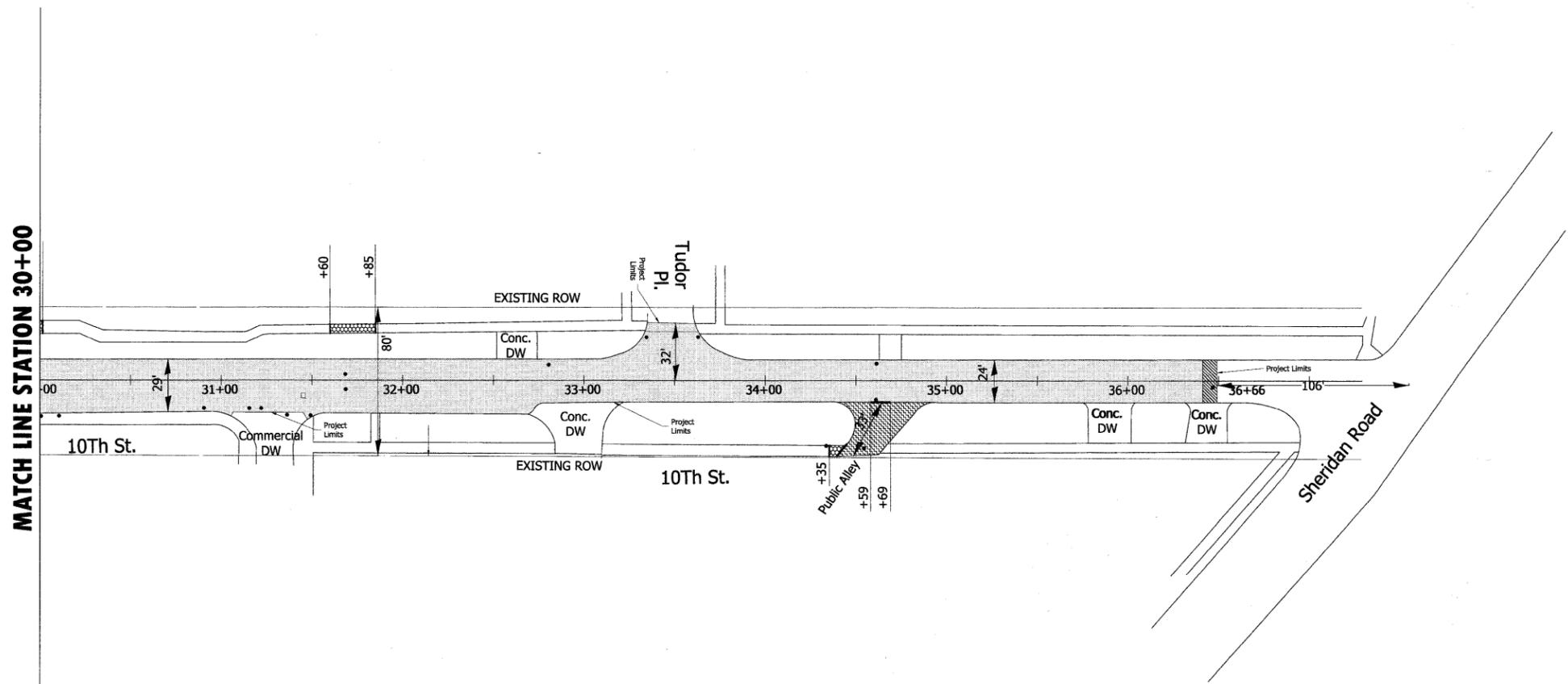
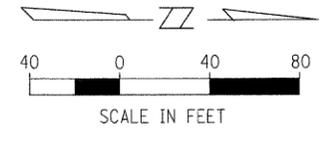
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PLOT SCALE = 3"	PLOT DATE = 8/17/2009	DRAWN - MDH	REVISED -
		CHECKED - LMF	REVISED -
		DATE - 06/25/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE**

SCALE: 1"=40' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1297	09-00186-00-RS	COOK	17	11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63282	



- Legend:
- ① Proposed Thermoplastic Pavement Marking, 4" Double solid Yellow Line at 11" C-C (Typ.)
 - ② Proposed Thermoplastic Pavement Marking, 6" White Crosswalk Lines (Solid) at 6' Apart (Typ.)
 - ③ Proposed Thermoplastic Pavement Marking, 12" White (3' C-C)
 - ④ Proposed Thermoplastic Pavement Marking, 24" White Line, Stop Bar (Typ.)

- Hot-Mix Asphalt Surface Course, N50, Mix D, 2.0" To 2-1/2"
- Class "D" Patches, Type IV, 8 Inch
- Proposed Concrete Ribbon

FILE NAME = N:\wilmette\VILLAGE LAPP PROJECT\DWG's\PR_4_2009 Resurfacing.dwg	USER NAME = MAGOLDEN	DESIGNED - LMF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE	F.A. RTE. 1297	SECTION 09-00186-00-RS	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 12	
PLOT SCALE = 3"						SCALE: 1"=40'		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63282	
PLOT DATE = 8/17/2009						DATE - 06/25/09		FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	

CONSTRUCTION PROCEDURES

STAGE I (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12" 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" DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2" THICK HOT-MIX MATERIAL APPROVED BY THE ENGINEER.

STAGE II (AFTER PAVEMENT MILLING)

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

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

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.

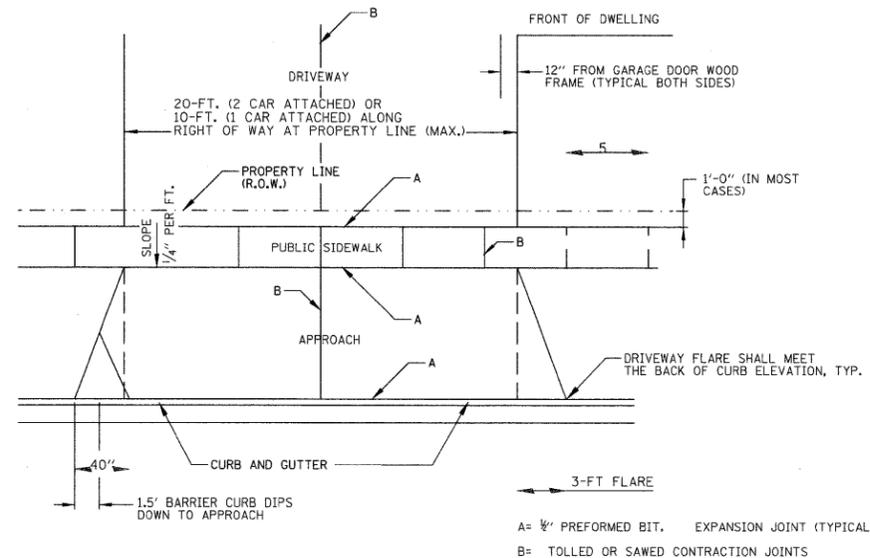
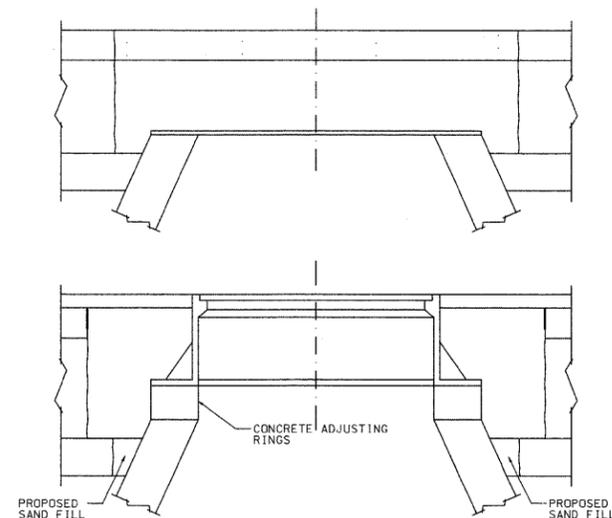
BASIS OF PAYMENT

STRUCTURES TO BE ADJUSTED.

NOTES

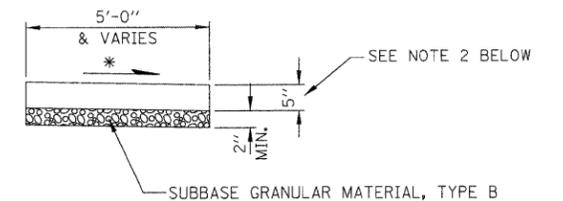
1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE 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.
3. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
4. EXTERNAL MANHOLE CHIMNEY SEAL SHALL BE PROVIDED AND SHALL CONSIST OF A RUBBER SLEEVE, COMPRESSION BAND AND EXTENSION SKIRT. RUBBER SLEEVE SHALL BE HIGH GRADE RUBBER COMPOUND CONFORMING TO ASTM C293 WITH A HARDNESS OF 45 PLUS OR MINUS 5. COMPRESSION BANDS SHALL BE 16 GAUGE TYPE 304 STAINLESS STEEL WITH A MINIMUM WIDTH OF 1 INCH. EXTENSION WEIGHT OF 12 OUNCES PER SQUARE YARD. EXTERNAL MANHOLE CHIMNEY SEAL SHALL BE MANUFACTURED BY CANUSA, INFISHIELD OR APPROVED EQUAL.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING



DRIVEWAY WITH A CURB AND GUTTER

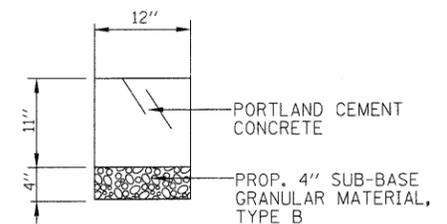
- GENERAL NOTES:**
1. DRIVEWAY SHALL HAVE A MIN. SLOPE OF 2% AND MAX. SLOPE OF 6%.
 2. APPROACH SHALL HAVE A MIN. SLOPE OF 2% AND MAX. OF 6%.
 3. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED, (95% PROCTOR)
 4. PUBLIC SIDEWALK SHALL BE 6" AT RESIDENTIAL DRIVEWAYS AND 8" AT COMMERCIAL/INDUSTRIAL DRIVEWAYS, (NO WIRE MESH)
 5. MINIMUM THICKNESS FOR APPROACH, (NO WIRE MESH), THIS WILL BE PAID FOR BY THE FOLLOWING ITEMS:
 A. 7" THK. P.C. CONCRETE ON 2" AGGREGATE BASE COURSE TYPE B OR
 B. 3" THK. HOT-MIX ASPHALT SURFACE, MIX "D" NSO ON 6" AGGREGATE BASE COURSE TYPE B
 6. SALT TOLERANT SOD AND TOPSOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF DRIVEWAY REMOVAL AND REPLACEMENT.



CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

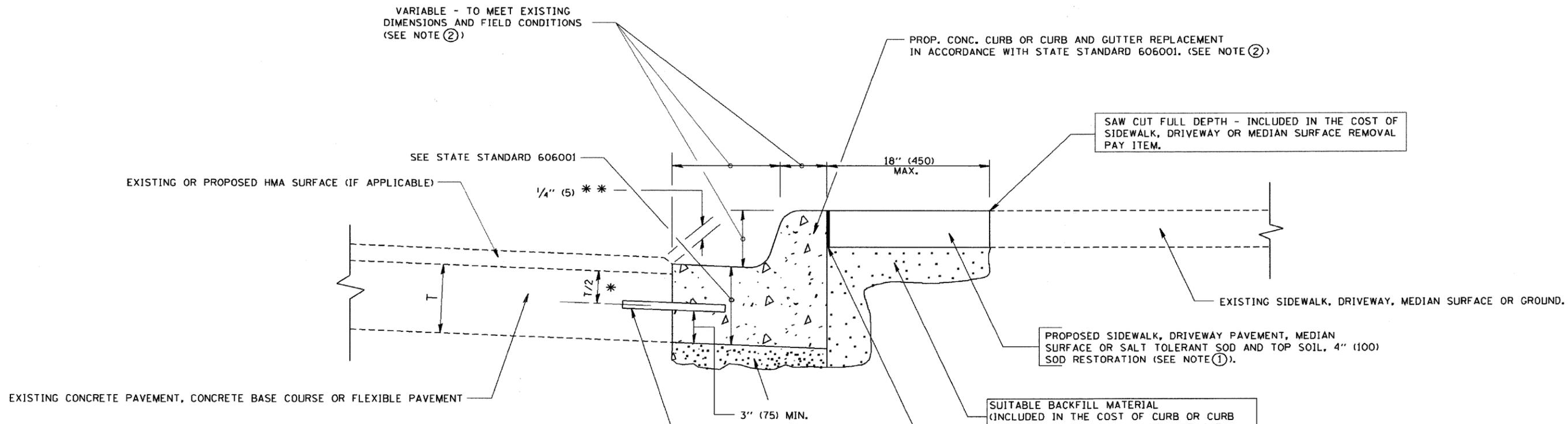
1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCIDENTAL TO THE P.C.C. SIDEWALK 5 INCH, REMOVE AND REPLACE
2. WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFILLED WITHIN 24 HOURS.
3. SALT TOLERANT SOD AND TOPSOIL, 5" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL AND REPLACEMENT.

P.C.C. SIDEWALK DETAIL



CONCRETE RIBBON DETAIL

FILE NAME = N:\wilmette\WILMETTE LAPP PROJECT\DWG's\CONSTRUCTION DETAILS.dwg	USER NAME = MAGOLDEN	DESIGNED - LMF	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS VILLAGE OF WILMETTE - 10th STREET/WILMETTE AVENUE			F.A. RTE. 1297	SECTION 09-00186-00-RS	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 13
PLOT SCALE = 5'	PLOT DATE = 8/17/2009	DRAWN - MDH	REVISED - ---		SCALE: 5'	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 63282				
CHECKED - LMF	DATE - 06/25/09	REVISED - ---	REVISED - ---		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 TOLLERANT 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, DRIVEWAY REMOVAL AND REPLACEMENT, AND/OR SIDEWALK 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.

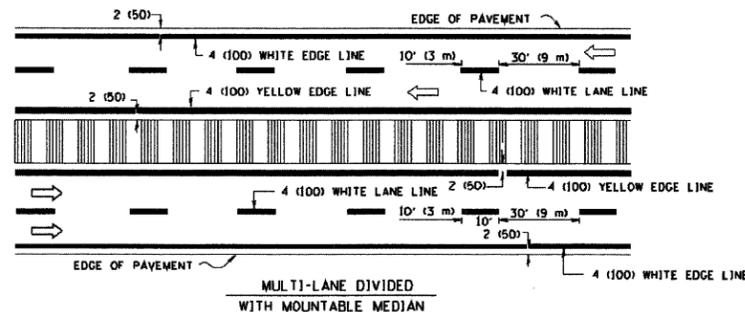
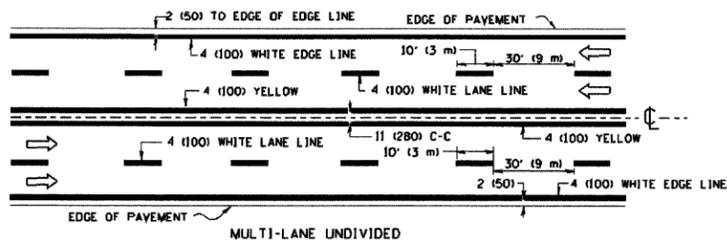
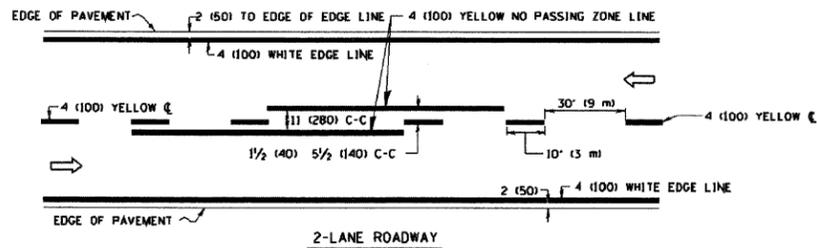
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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

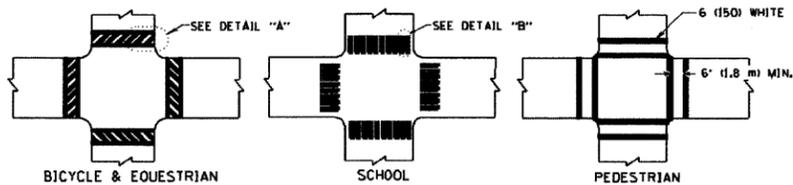
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\distatd\22x34\bd24.dgn	USER NAME = gegl1anabt	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. RTE. = 1297	SECTION = 09-00186-00-RS	COUNTY = COOK	TOTAL SHEETS = 17	SHEET NO. = 15
	PLOT SCALE = 50,000 / 1 IN.	CHECKED -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/4/2008	DATE = 03-11-94	REVISED - M. GOMEZ 01-22-01					BD600-06 (BD-24)		CONTRACT NO. 63282

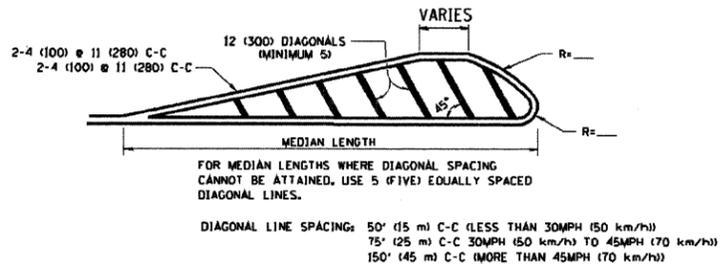
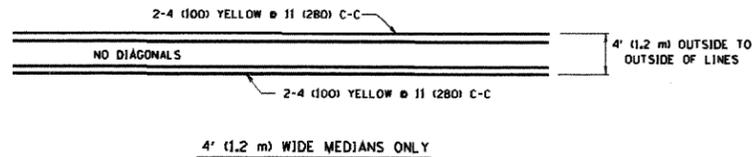


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

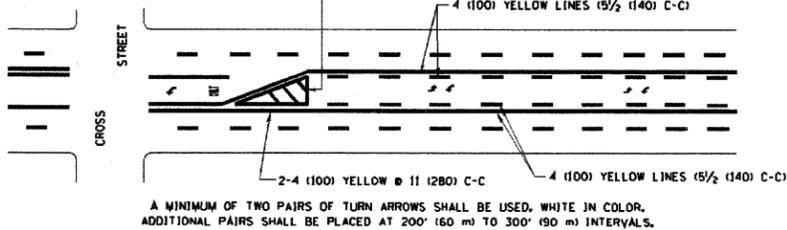
TYPICAL LANE AND EDGE LINE MARKING



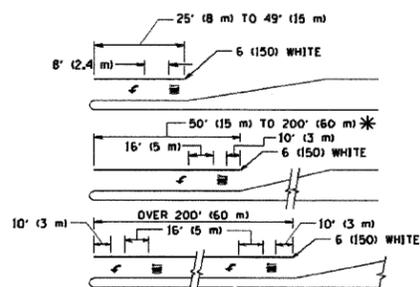
TYPICAL CROSSWALK MARKING



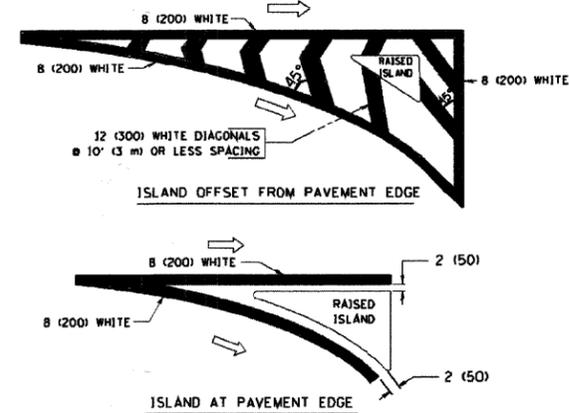
MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN 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 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' (4.5 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.

FILE NAME = W:\distatd\22x34\td13.dgn

USER NAME = gaglianob
PLOT SCALE = 50,000 / IN.
PLOT DATE = 1/4/2008

DESIGNED - EVERS
DRAWN -
CHECKED -
DATE - 03-19-90

REVISED - T. RAMMACHER 10-27-94
REVISED - A. HOUSEH 10-09-96
REVISED - A. HOUSEH 10-17-96
REVISED - T. RAMMACHER 01-06-00

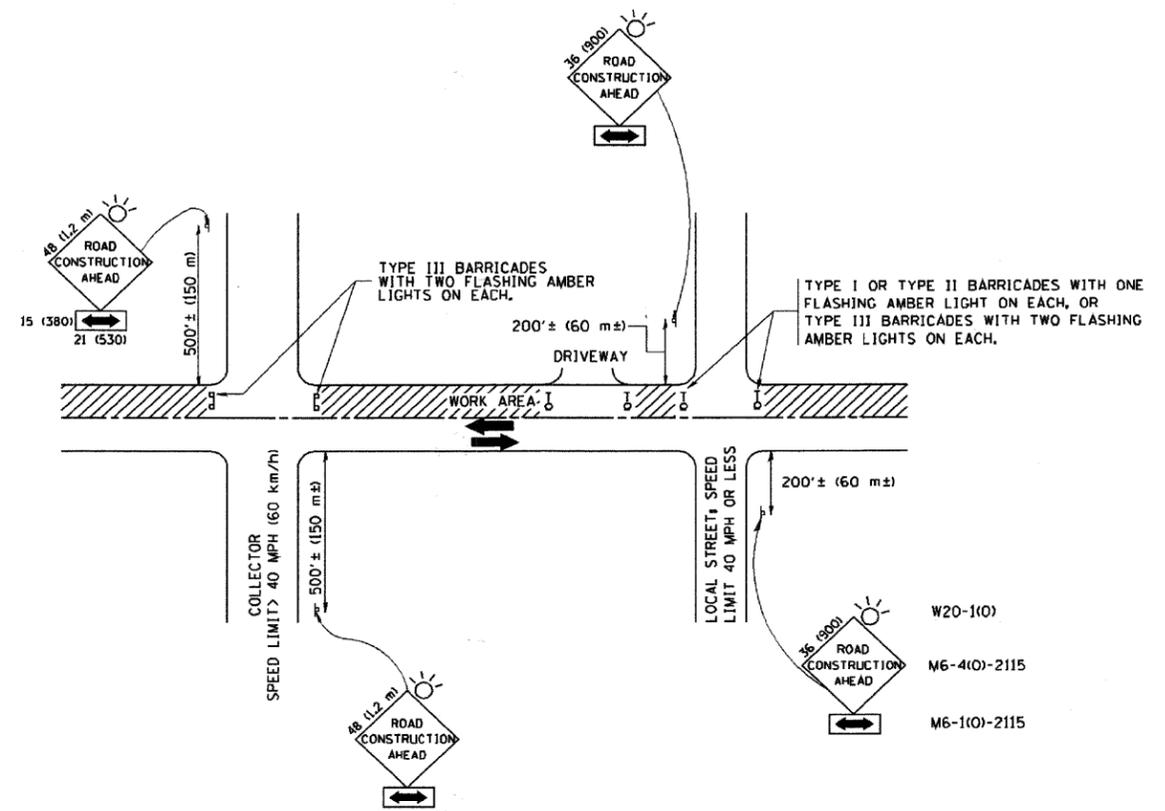
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. - 1297
SECTION - 09-00186-00-RS
COUNTY - COOK
TOTAL SHEETS - 17
SHEET NO. - 16
CONTRACT NO. - 63282
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
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = W:\diststd\22\34\tcl0.dgn	USER NAME = goglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1297	09-00186-00-RS	COOK	17	17
TC-10			CONTRACT NO. 63282	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				