

03-08-2019 LETTING ITEM 147

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

FAU RTE 1548 (ARCHER AVE.) (79TH ST.) (FRONTAGE RD.)

GARDEN LANE TO OAK GROVE AVENUE

SIDEWALK CONSTRUCTION

SECTION No. 16-00043-00-SW

PROJECT No. 8RL1 (683)

VILLAGE OF JUSTICE

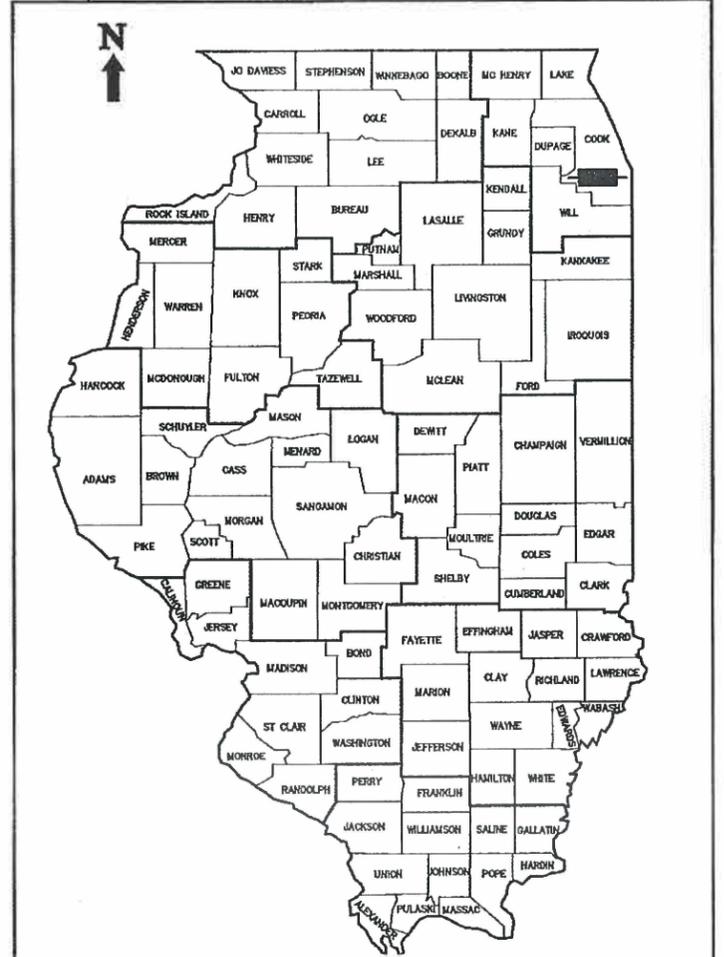
COOK COUNTY

JOB No. C-91-275-16

INDEX OF SHEETS: SEE SHEET 2  
HIGHWAY STANDARDS: SEE SHEET 2

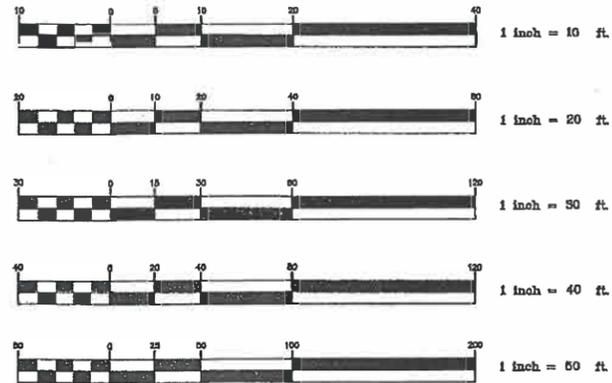
FEDERAL-AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL  
CONSULTANT: HOFFERLE BUTLER ENGINEERING, INC. 1-708-599-8980

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1548	16-00043-00-SW	COOK	14	1
STA. 10+38.45		TO STA. 28+35		
FED. ROAD DIST. NO.		ILLINOIS	FEDERAL AID PROJECT	
CONTRACT NO. 61F48				

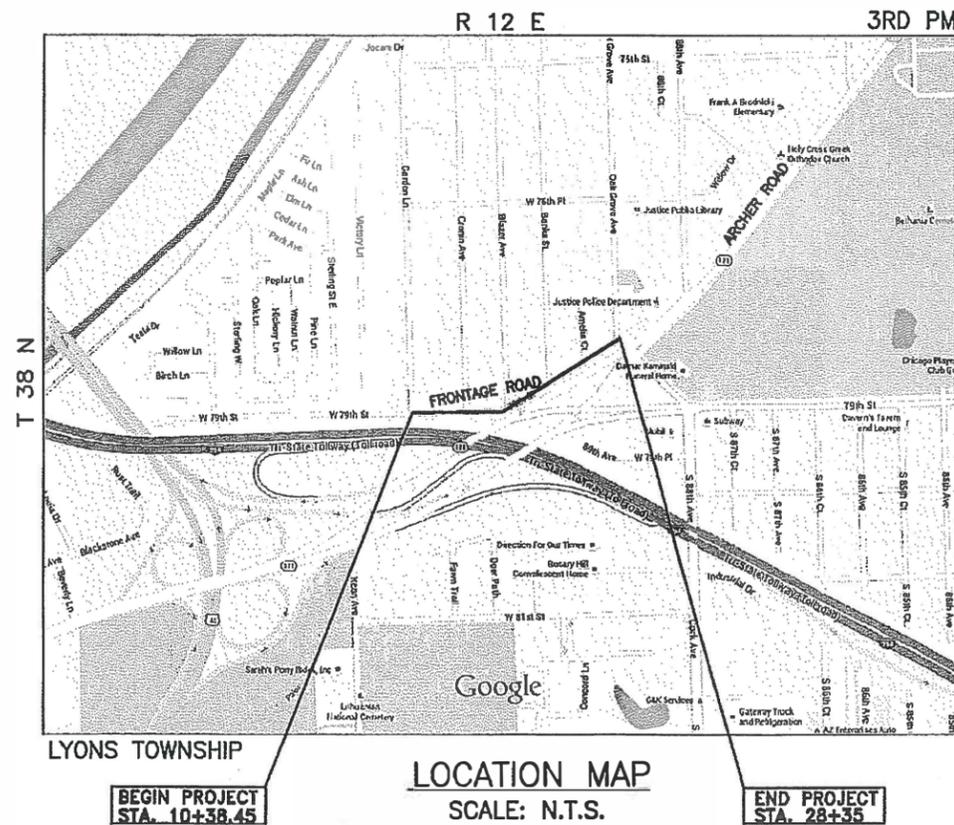


LOCATION OF SECTION INDICATED AS [Black Rectangle]

DESIGN DESIGNATION - MINOR COLLECTOR  
ADT = 4,000  
SPEED LIMIT = 20 MPH



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



LOCATION MAP  
SCALE: N.T.S.

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

CONTRACT NO. 61F48

GROSS LENGTH OF PROJECT 1,797 FEET (0.34 MILES)  
NET LENGTH OF PROJECT 1,797 FEET (0.34 MILES)

**(hbe) Hoeffler-Butler Engineering, Inc.**  
Consulting Civil Engineers • Land Surveyors  
PROFESSIONAL DESIGN FIRM LICENSE NO. 044-00000  
674 S. ROBERTS ROAD HENRY HILLS, ILLINOIS 60137  
CHG 599-6980 FAX CHG 599-6794



SIGNATURE  
DATE 11/21/18

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW  
DECEMBER 11 / 2018  
Anthony A. D'Angelo / MBS  
REGIONAL ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED 12/14/18  
1/20/18  
[Signature]  
VILLAGE OF JUSTICE, PRESIDENT

PASSED DECEMBER 11 / 2018  
[Signature]  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

## GENERAL NOTES

### CLEARING

ALL AREAS DESIGNATED IN PLANS AS TO BE CLEARED SHALL INVOLVE REMOVAL OF OBSTRUCTIONS AS DEFINED IN ARTICLE 201.01(a) OF THE STANDARD SPECIFICATIONS. ALL CLEARING SHALL NOT BE PAID FOR SEPARATELY.

### UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER 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 CONTRACTORS 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.

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.

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

BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)

CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT.

### STORM SEWER

ANY EXISTING STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.

### RESTORATION

CONTRACTOR IS TO RESTORE ALL UNPAVED AREAS DAMAGED DURING CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION INCLUDING THE FINE GRADING AND SODDING OR SEEDING OF AREAS WITHIN EASEMENTS AND RIGHTS-OF-WAY.

EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL DISTURBED AREAS PRIOR TO FINAL LANDSCAPING

### TRAFFIC SIGNS

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR, CORY JUCIUS, AT 847-705-4470 PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

THE COST OF REMOVAL AND RE-INSTALLATION OF TRAFFIC SIGNS THAT ARE IN CONFLICT WITH, BLOCK ACCESS TO THE PROPOSED WORK, OR INHIBIT CONSTRUCTION IN ANY WAY, SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 107.25 OF STANDARD SPECIFICATIONS.

### SPECIAL PROVISIONS

ALL SAWCUTTING SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL.

### MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION, EXCEPT DURING THE INSTALLATION OF SIDEWALK SPANNING DRIVEWAYS, WHICH INCLUDES THE LENGTH OF TIME NECESSARY FOR EXCAVATION, FRAMING, POURING, AND CURING.

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.

ANY EXISTING PAVEMENT OUTSIDE THE AREAS DESIGNATED FOR REMOVAL IN THE PLANS DAMAGED BY THE CONTRACTOR DURING THE CONSTRUCTION SHALL BE REPLACED/REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

THE THICKNESS OF THE HOT-MIX ASPHALT SHOWN ON THE PLANS IS NOMINAL AND MAY VARY BY AS MUCH AS ONE (1) INCH. EXTRA COMPENSATION WILL BE DUE THE CONTRACTOR WHEN EXISTING SURFACE DESIGNATED FOR REMOVAL EXCEEDS FOUR (4) INCHES.

### STAKING

THE CONTRACTOR SHALL TAKE CARE TO PROTECT AND PRESERVE ALL STAKING AND MARKING DURING CONSTRUCTION. CONTINUOUS DESTRUCTION OF STAKES AS A RESULT OF CARELESSNESS MAY RESULT IN THE CONTRACTOR BEING BILLED FOR THE COST OF REPLACEMENT.

THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK. THEY SHALL BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE IF CONSTRUCTION STAKING IS REQUIRED.

### COMMITMENTS

NONE

### INDEX TO SHEETS:

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES / INDEX TO SHEETS / HIGHWAY STANDARDS / COMMITMENTS
3.	SUMMARY OF QUANTITIES
4.	TYPICAL SECTIONS
5-8.	PLAN AND PROFILE SHEETS / PAVEMENT MARKING PLAN
9.	EROSION AND SEDIMENT CONTROL PLANS / LANDSCAPING PLANS
10.	EROSION AND SEDIMENT CONTROL NOTES
11.	DISTRICT 1 DETAIL - TC10 - TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
12.	DISTRICT 1 DETAIL - TC13 - TYPICAL PAVEMENT MARKINGS
13-14.	CROSS SECTIONS

### HIGHWAY STANDARDS:

STANDARD NO.	DESCRIPTION
000001-07:	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11:	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
606001-07:	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05:	OFF ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600mm) FROM PAVEMENT EDGE
701501-06:	URBAN LANE CLOSURE, 2L 2W UNDIVIDED
701901-08:	TRAFFIC CONTROL DEVICES

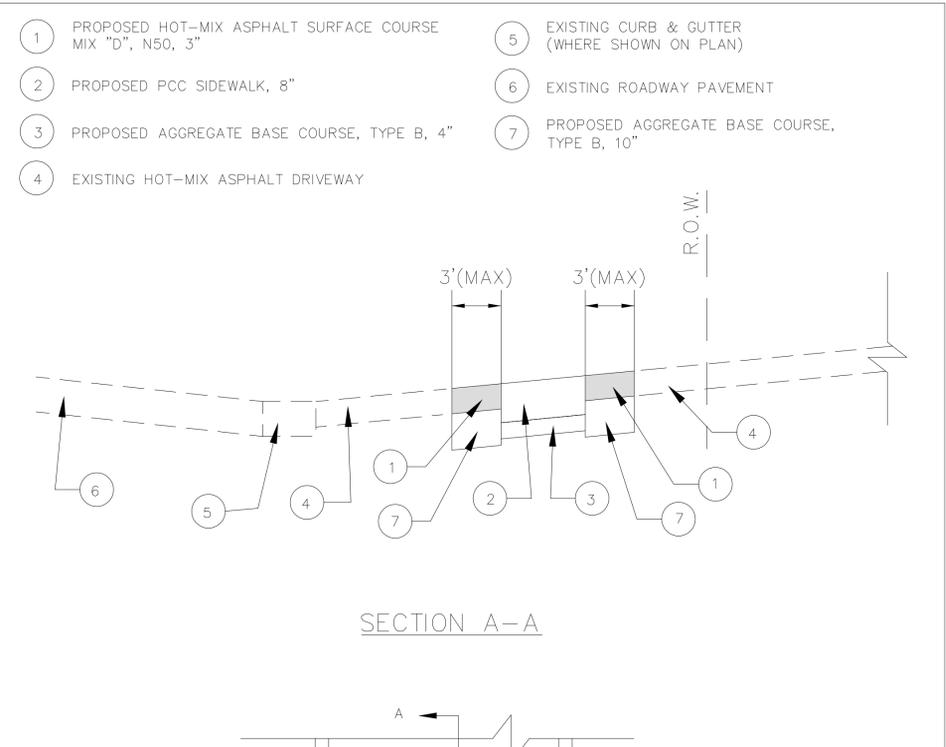
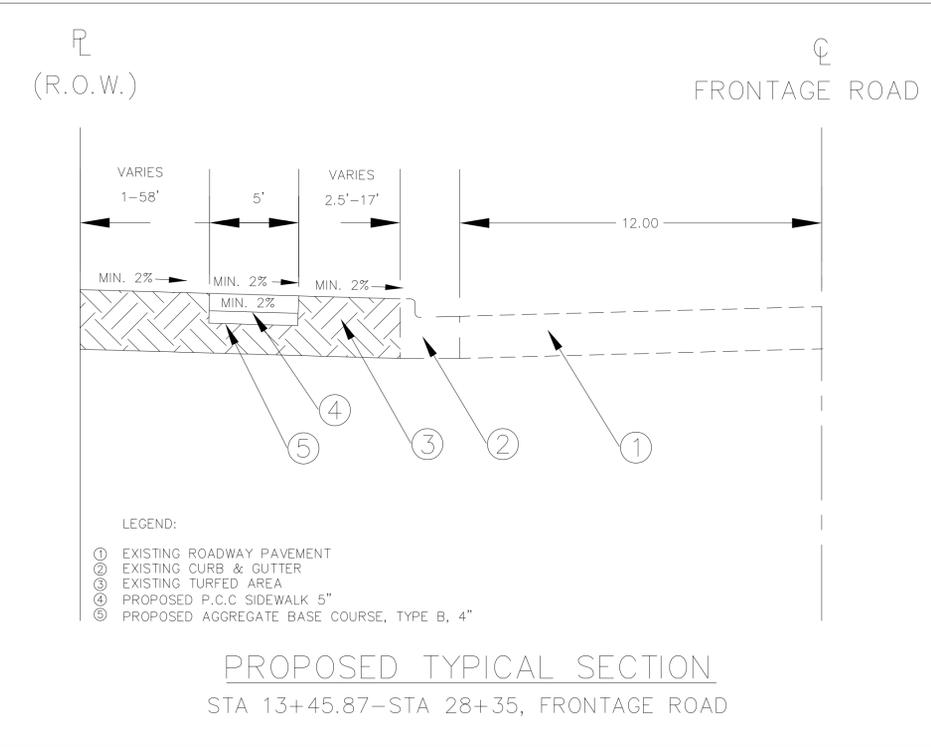
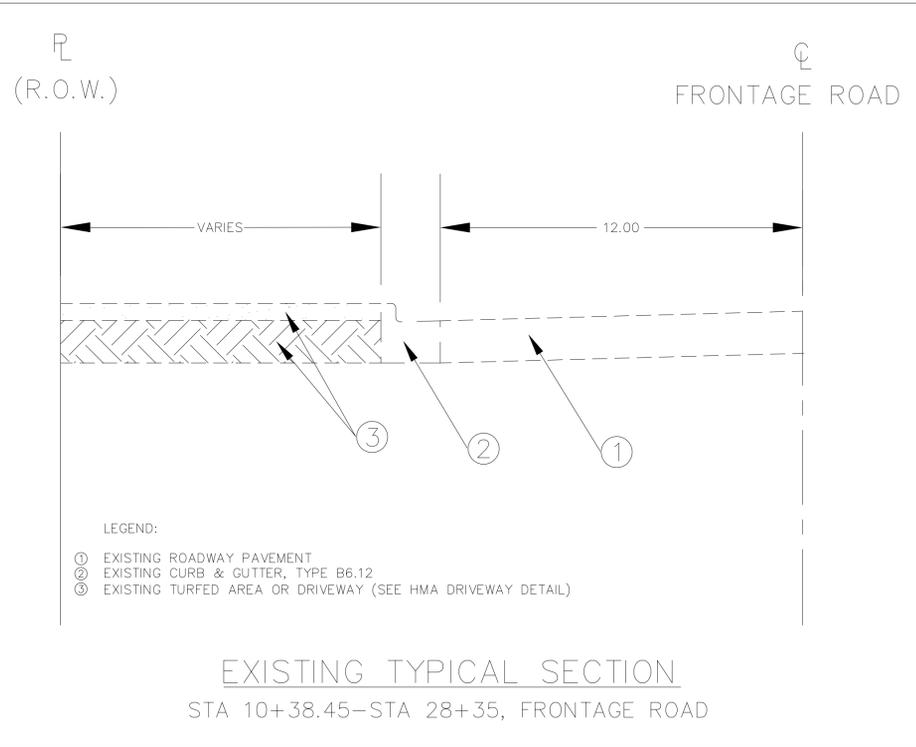
P:\Project\PROJECT FILES\Land 18\18712\dwg	DESIGNED BY: SAL/JCH	REVISED: _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN BY: ALS	REVISED: _____			1548	16-00043-00-SW	COOK	14	2
	CHECKED BY: SAL	REVISED: _____			CONTRACT No. 61F48				
	DATE: 09/06/18	REVISED: _____			SCALE: N.T.S.	SHEET No. x OF x SHEETS	FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	CONSTRUCTION CODE
			STP FUNDS
			80% FED, 20% LOCAL
			ROADWAY
			0021
URBAN			
			TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	294
21101615	TOPSOIL FURNISH AND PLACE 4"	SQ YD	946
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	12
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	12
25000600	POTASIUUM FERTILIZER NUTRIENT	POUND	12
25200110	SODDING SALT TOLERANT	SQ YD	946
28000400	PERIMETER EROSION BARRIER	FOOT	1,154
35101400	AGGREGATE BASE COURSE, TYPE B	TON	70
35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	888
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20
* 40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	53.2
~ 42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	7,505
~ 42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SQ FT	485
42400800	DETECTABLE WARNINGS	SQ FT	130
~ 44000200	HOT-MIX ASPHALT DRIVEWAY REMOVAL	SQ YD	316
~ 44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	161
~ 60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	161
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
* 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	399
* 78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	83

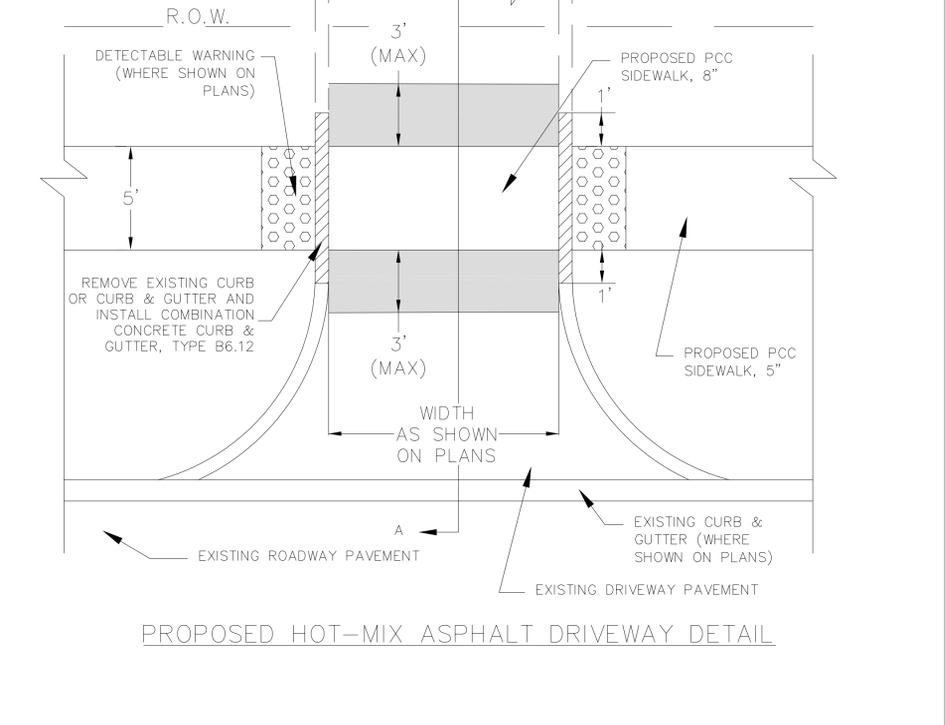
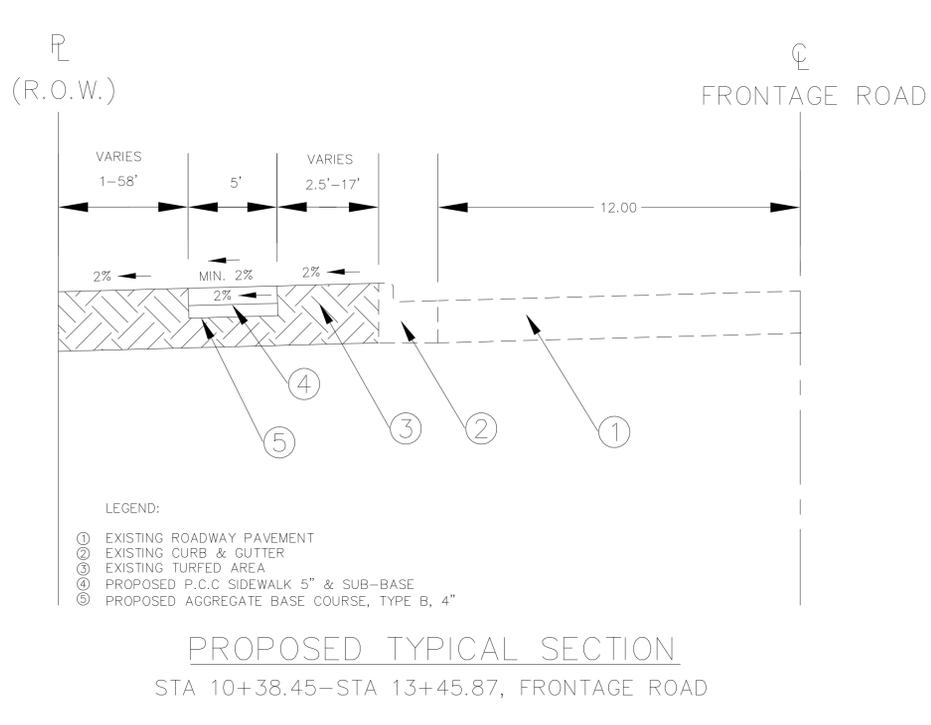
~ INDICATES SPECIAL PROVISION ITEM  
 \* INDICATES SPECIALTY ITEM

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	DRAWN BY: ALS	REVISED: _____				CONTRACT No. 61F48				
	CHECKED BY: SAL	REVISED: _____		SCALE: N.T.S.	SHEET No. x OF x SHEETS	FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		
	DATE: 09/06/18	REVISED: _____								



HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART	
MIXTURE TYPE	AIR VOIDS AT Ndes
<b>DRIVEWAYS</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5mm), 3"	4% AT 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN  
 FOR THE NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISION.  
 FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.



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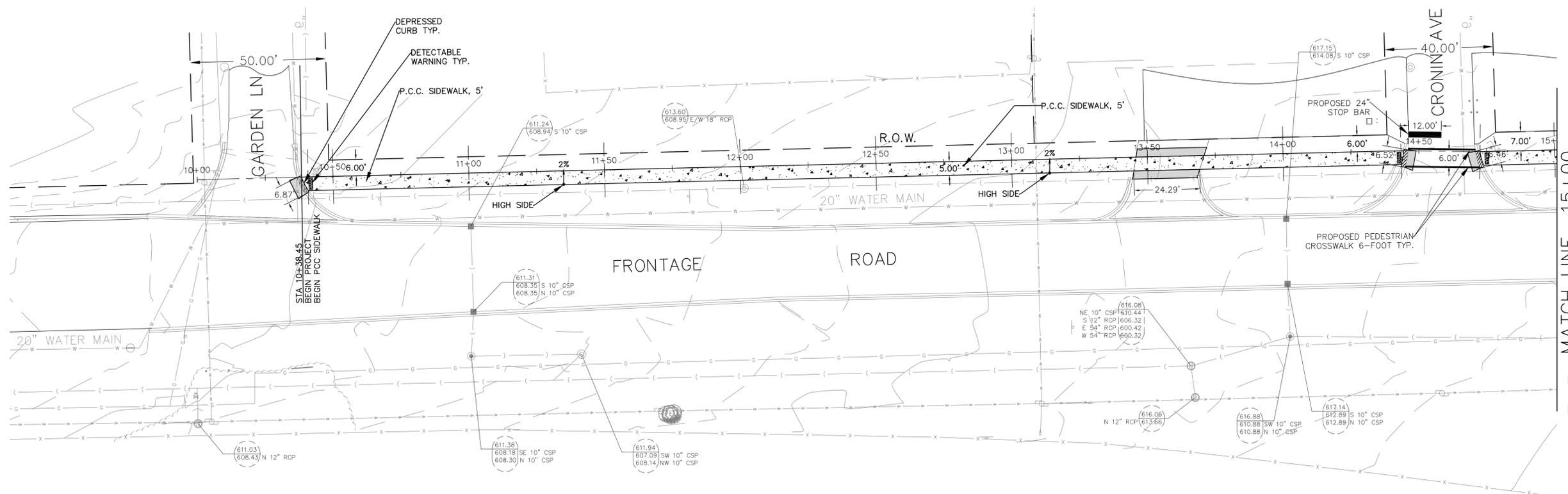
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
 FRONTAGE ROAD**  
 SCALE: N.T.S.  
 SHEET No. x OF x SHEETS

FAU RTE 1548	SECTION 16-00043-00-SW	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 4
CONTRACT No. 61F48				
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

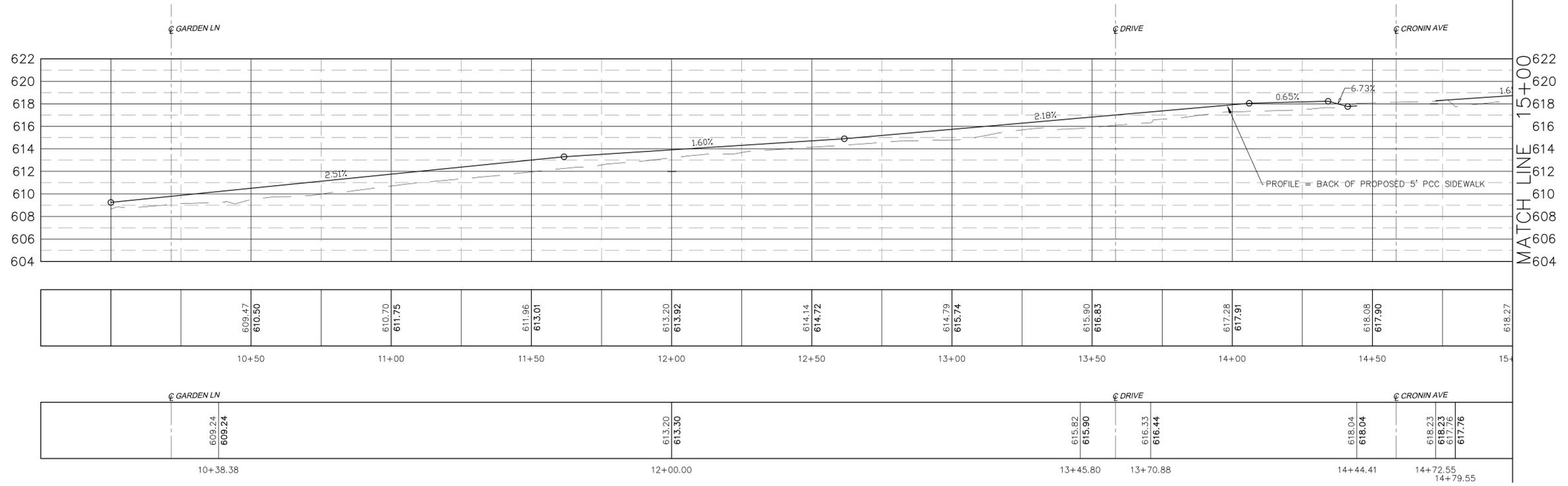
FILE JOB No: 18-712



**LEGEND**

- PROPOSED DEPRESSED CURB
- PROPOSED DETECTABLE WARNING
- PROPOSED 5' P.C.C. SIDEWALK
- PROPOSED H.M.A. REMOVAL AND REPLACEMENT

20' 0 10 20 40 60



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

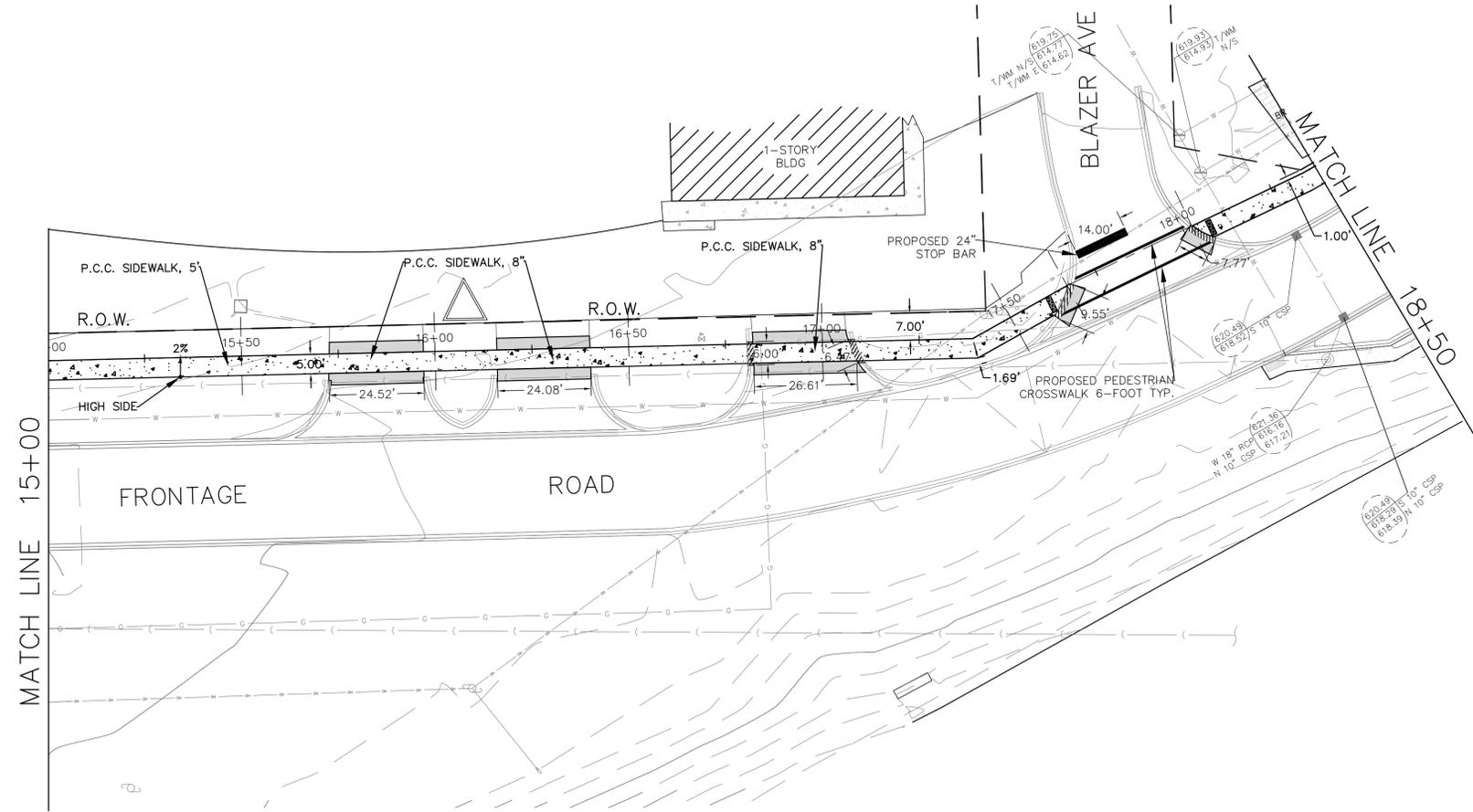
**FRONTAGE ROAD  
 PLAN & PROFILE/  
 PAVEMENT MARKING PLAN**

SCALE: H: 1"=20'  
 V: 1"=5'

SHEET No. x OF x SHEETS      STA. 10+38 TO STA. 28+37

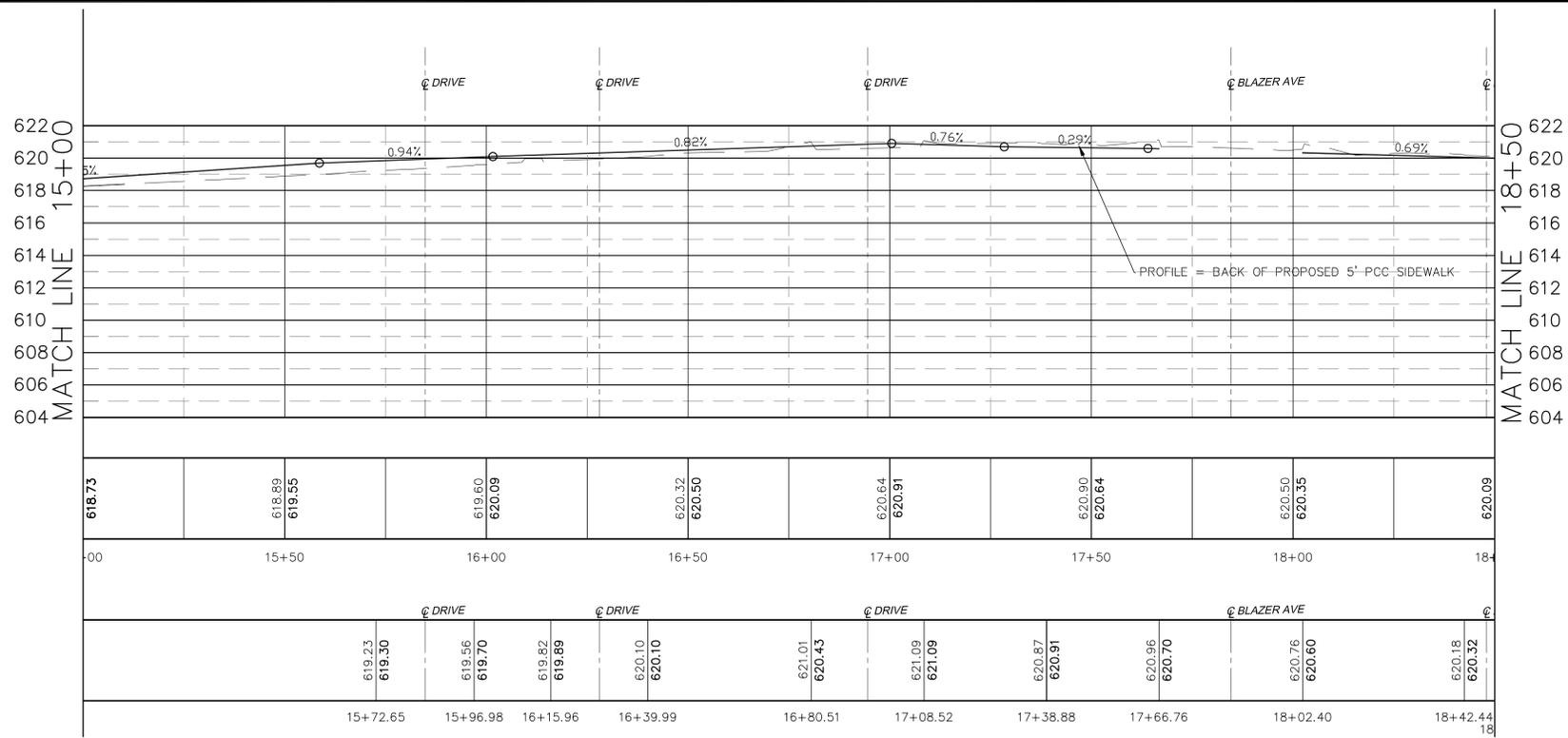
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CONTRACT No. 61F48				
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

FILE: OBE No: 18-712



**LEGEND**

-  PROPOSED DEPRESSED CURB
-  PROPOSED DETECTABLE WARNING
-  PROPOSED 5' P.C.C. SIDEWALK
-  PROPOSED H.M.A. REMOVAL AND REPLACEMENT



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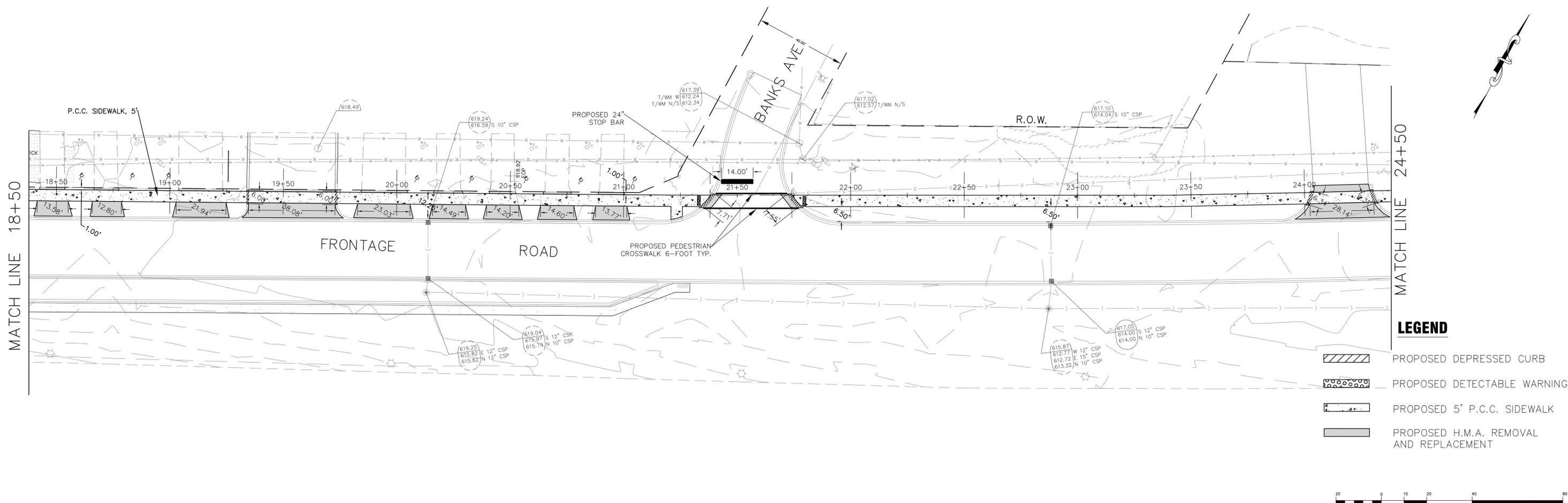
**FRONTAGE ROAD  
PLAN & PROFILE/  
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V: 1"=5'

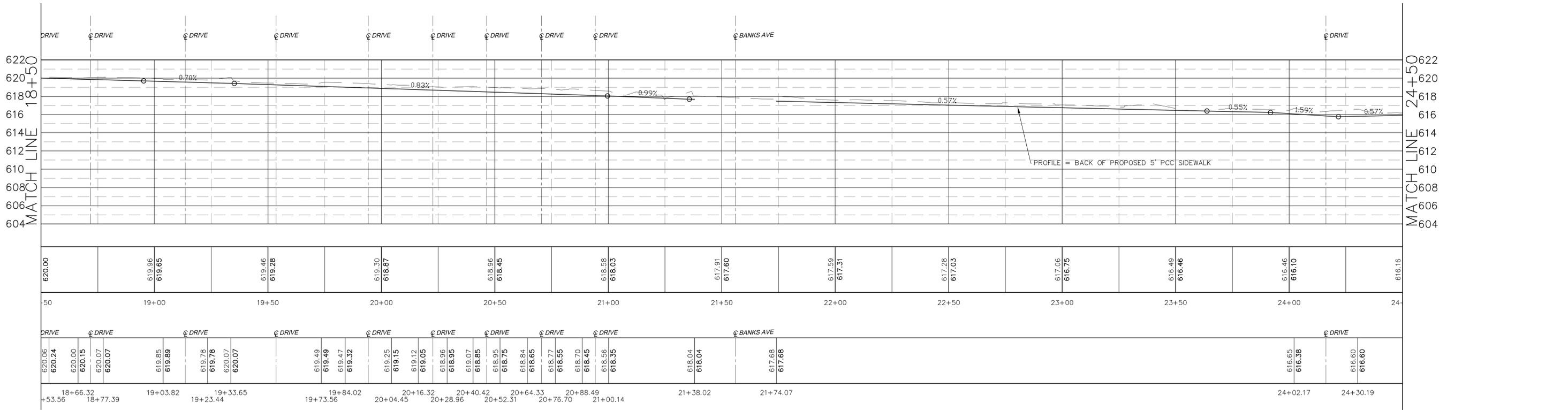
SHEET No. x OF x SHEETS      STA. 10+38 TO STA. 28+37

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CONTRACT No. 61F48				
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

FILE JOB No: 18-712



- LEGEND**
-  PROPOSED DEPRESSED CURB
  -  PROPOSED DETECTABLE WARNING
  -  PROPOSED 5' P.C.C. SIDEWALK
  -  PROPOSED H.M.A. REMOVAL AND REPLACEMENT



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

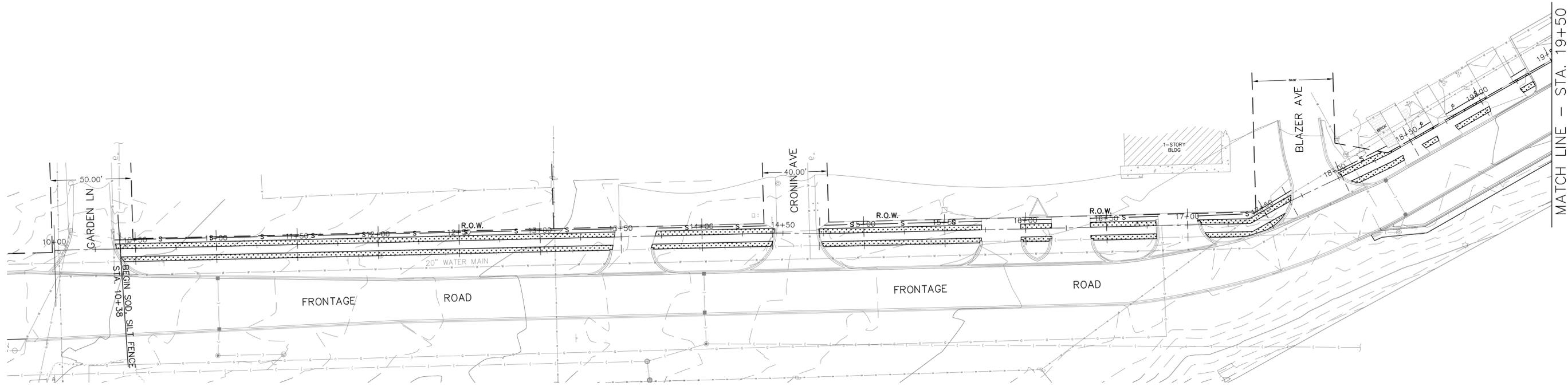
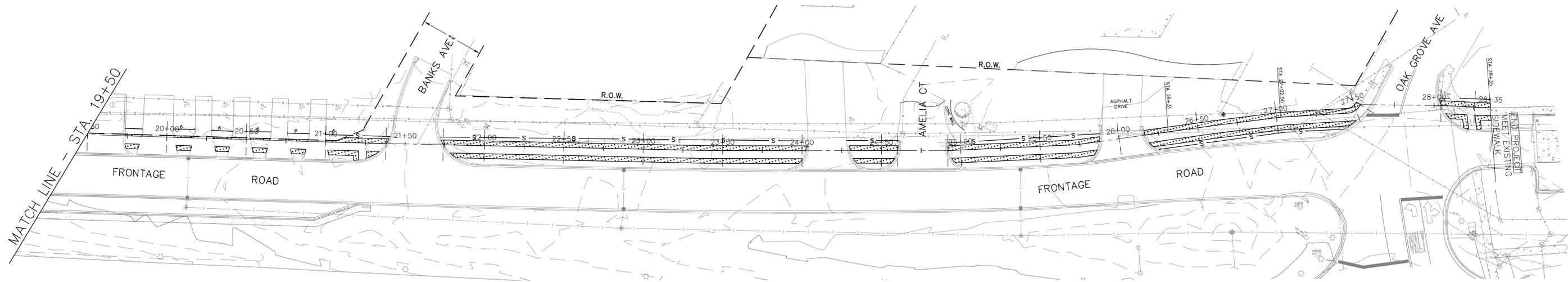
**FRONTAGE ROAD**  
**PLAN & PROFILE/**  
**PAVEMENT MARKING PLAN**

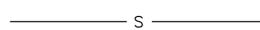
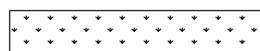
SCALE: H: 1"=20'  
 V: 1"=5'

SHEET No. x OF x SHEETS    STA. 10+38 TO STA. 28+37

FAU RTE 1548	SECTION 16-00043-00-SW	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 7
CONTRACT No. 61F48				
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		





 PROPOSED SILT FENCE  
 PROPOSED SODDING

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DATE: 09/06/18	REVISED: -----

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL/  
LANDSCAPING PLAN**

SCALE: H: 1"=30'  
V: 1"=4'

SHEET No. X OF X SHEETS

STA. 10+38 TO STA. 28+37

FAU RTE 1548	SECTION 16-00043-00-SW	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 9
CONTRACT No. 61F48				
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

FILE JOB No. 18-712

# EROSION AND SEDIMENT CONTROL NOTES

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS IDENTIFIED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS OUTLINED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, CAN BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS STIPULATED BY THE ENGINEER, LOCAL MUNICIPAL CODES, AND AS SHOWN IN IDOT STANDARD 280001 WHICH SUPPLEMENTS THIS PLAN. THE TEMPORARY EROSION CONTROL PROVISIONS OUTLINED IN SECTION 280 OF THE IDOT STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENT THIS PLAN.

## DESCRIPTION OF SITE AND PLANNED CONSTRUCTION ACTIVITIES

1. THE PROJECT IS LOCATED IN THE VILLAGE OF BEDFORD PARK, ILLINOIS.
2. THE TOTAL AREA OF THE PROJECT SITE IS APPROXIMATELY 0.57 ACRES. THE AREA DISTURBED BY CONSTRUCTION ACTIVITIES IS APPROXIMATELY 0.90 ACRES.
3. THE PROJECT INVOLVES EXCAVATION OF EXISTING GROUND FOR INSTALLATION OF CONCRETE SIDEWALK, AND REPLACEMENT OF EXISTING DRIVEWAYS DUE TO AFOREMENTIONED SIDEWALKS.

## SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES

THE FOLLOWING DESCRIBES THE PROJECTED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS WITHIN THE PROJECT AREA.

1. INSTALLATION OF TEMPORARY EROSION CONTROL MEASURES REQUIRED TO LIMIT SOIL MIGRATION DURING SITE CLEARING, GRADING, FILLING, AND SUBSEQUENT DEVELOPMENT ACTIVITIES. MEASURES MAY INCLUDE PERIMETER EROSION CONTROL BARRIER, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKETS, AND OTHER SIMILAR MEASURES. THE MEASURES ARE TO BE ADJUSTED IN KEEPING WITH SITE WORK PROGRESS.
2. CLEARING AND GRUBBING OF PROJECT SITE CONSISTENT WITH PHASING OF SIDEWALK CONSTRUCTION.
3. EXCAVATION AND GRADING TO ACHIEVE INTERIM WORK SITE ELEVATIONS.
4. FORMING AND INSTALLATION OF SIDEWALK.
5. FINISHED GRADING AND LANDSCAPE RESTORATION.
6. MAINTENANCE, REMOVAL, AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL MEASURES.

## OTHER REPORTS, STUDIES, PLANS, SPECIFICATIONS WHICH ARE REFERENCED DOCUMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN

1. INFORMATION CONCERNING THE SOILS CHARACTER AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL MAPS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT SPECIFICATIONS, SPECIAL PROVISIONS, AND DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES, WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.
3. ILLINOIS URBAN MANUAL FOR SOIL EROSION CONTROL GUIDANCE AND CONTROL MEASURES.
4. IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR SOIL EROSION CONTROL MATERIALS AND INSTALLATION GUIDANCE
5. LOCAL MUNICIPAL REQUIREMENTS FOR EROSION CONTROL.

## EROSION AND SEDIMENT CONTROL PRACTICES

THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS HAVE BEEN PLANNED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE FEASIBLE, AND DISTURBED PORTIONS OF THE SITE ARE STABILIZED. STABILIZATION PRACTICES INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF NATURAL VEGETATION, AND OTHER APPROPRIATE MEASURES AS IDENTIFIED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

1. AREAS OF EXISTING VEGETATION, WOOD AND GRASSLANDS, OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
2. DEAD, DISEASED, UNSUITABLE, OR CONFLICTING VEGETATION WITHIN THE SITE SHALL BE REMOVED, ALONG WITH REQUIRED TREE REMOVAL.
3. TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED PRIOR TO STRIPPING OF EXISTING VEGETATION.
4. BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
5. IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
6. AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS ON ADJACENT LANDOWNERS, TEMPORARY DITCH CHECKS SHALL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
7. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS INDICATED ON THE PLANS SHALL BE PROTECTED FROM DAMAGE. THE CONTRACTOR SHALL NOT USE THESE AREAS FOR STAGING, PARKING OF VEHICLES OF CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES EXCEPT AS DESCRIBED ON THE PLANS AND INDICATED BY THE ENGINEER.
8. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION SHALL REMAIN UNDISTURBED UNTIL THE STAGE OF CONSTRUCTION IS INITIATED TO AVOID UNNECESSARY SOIL EROSION.
9. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN (14) DAYS.
10. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL PLACE TEMPORARY EROSION CONTROL FACILITIES AT NECESSARY LOCATIONS. THE ERODABLE EXPOSED EARTH SURFACES SHALL BE TEMPORARILY SEEDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF EROSION THAT WILL OCCUR WITHIN THE PROJECT LIMITS. THE ROADSIDE DITCHES WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED OR CONSTRUCTED AS REQUIRED TO LIMIT EROSION. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS UNTIL EROSION CONTROL MEASURES ARE IN PLACE.
11. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
12. THE CONTRACTOR SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2-INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE WORK SITE CONSTRUCTION MANAGER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
13. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EACH EXCAVATION FOR EROSION CONTROL.
14. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED 30 DAYS AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. AT THAT TIME, THE EROSION CONTROL SYSTEMS SHALL BE REMOVED, AND THE AREAS DAMAGED BY THE SYSTEMS' INSTALLATION SHALL BE RESTORED..
15. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1 FOOT FALL OR RISE IN DITCH GRADE OR AS STIPULATED ON THE PLAN.
16. WHERE REQUIRED, THE TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS PER ACRE OF AREA.
17. WATER PUMPED FROM EXCAVATIONS SHALL BE DIRECTED INTO THE SEDIMENT BASIN. THE SEDIMENT BASIN SHALL BE MAINTAINED AT A DEPTH BETWEEN 2 AND 3 FEET AND CLEARED OF SEDIMENT AS REQUIRED. SEDIMENT SHALL BE DISPOSED OF IN A MANNER NOT TO INCREASE SOIL MIGRATION.
18. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
19. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

## MAINTENANCE AFTER CONSTRUCTION

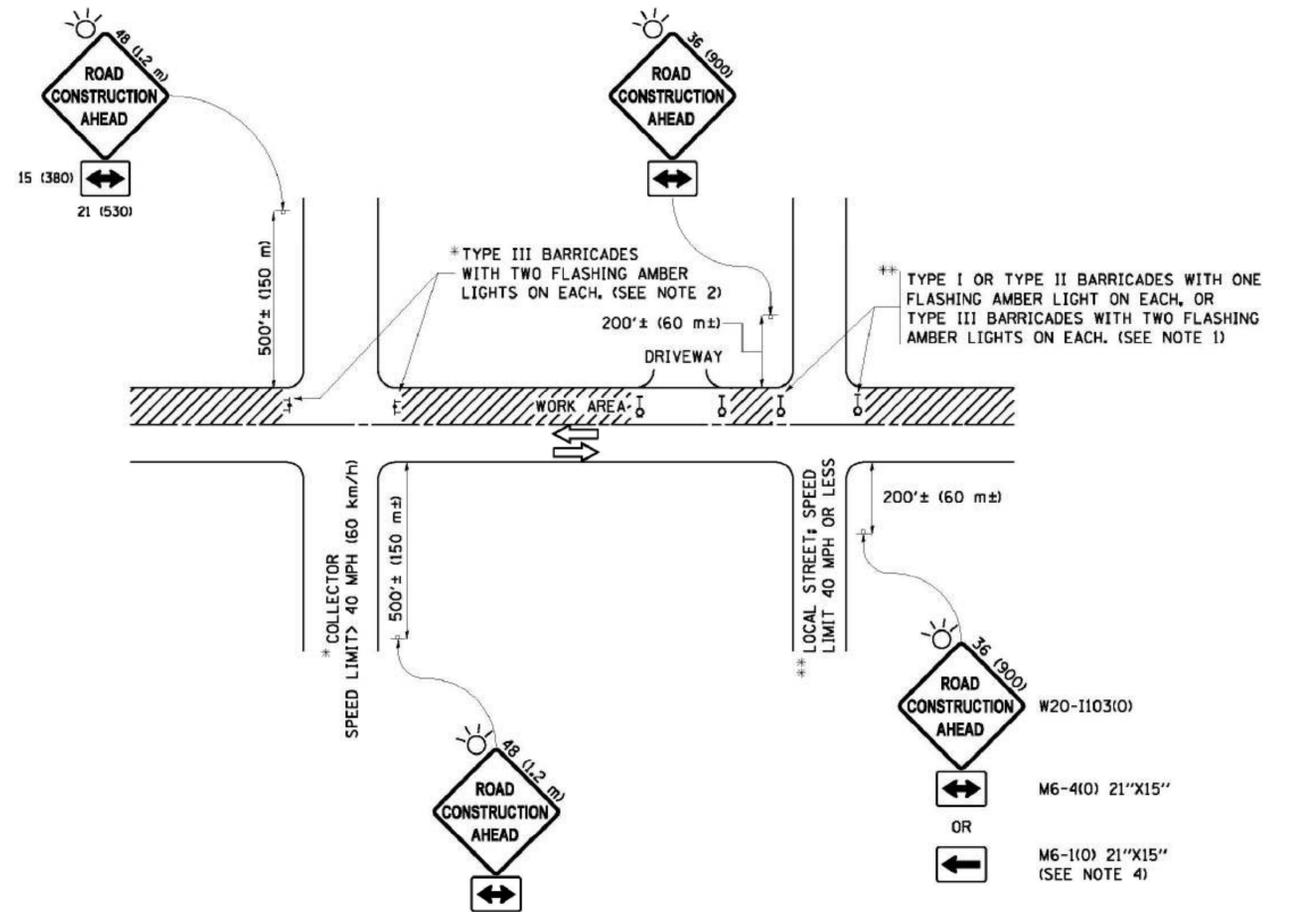
1. THE CONSTRUCTION WILL BE CONSIDERED TO BE COMPLETE AFTER ACCEPTANCE BY THE MUNICIPAL AGENCY WITH JURISDICTION OVER THE IMPROVEMENTS. MAINTENANCE OF EROSION MEASURES AS WELL AS THE SITE IMPROVEMENTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE DATE OF ACCEPTANCE.
2. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED SEEDED OR SODDED AREAS HAVE BEEN ESTABLISHED.
3. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED SURFACES RESTORED.

A COPY OF THE SWPPP (INCLUDING A COPY OF THE PERMIT), NOI, AND ACKNOWLEDGEMENT LETTER FROM EPA MUST BE RETAINED AT THE CONSTRUCTION SITE (OR OTHER LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS TO EPA, A STATE, TRIBAL OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS; LOCAL GOVERNMENT OFFICIALS; THE OPERATOR OF A MUNICIPAL SEPARATE STORM SEWER RECEIVING DISCHARGES FROM THE SITE; AND REPRESENTATIVES OF THE U.S. FISH AND WILDLIFE SERVICE OR THE NATIONAL MARINE FISHERIES SERVICE) FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE OF FINAL STABILIZATION. IF YOU HAVE DAY-TO-DAY OPERATIONAL CONTROL OVER SWPPP IMPLEMENTATION, YOU MUST HAVE A COPY OF THE SWPPP AVAILABLE AT A CENTRAL LOCATION ON-SITE FOR THE USE OF ALL THOSE IDENTIFIED AS HAVING RESPONSIBILITIES UNDER THE SWPPP WHENEVER THEY ARE ON THE CONSTRUCTION SITE. IF AN ON-SITE LOCATION IS UNAVAILABLE TO STORE THE SWPPP WHEN NO PERSONNEL ARE PRESENT, NOTICE OF THE PLAN'S LOCATION MUST BE POSTED NEAR THE MAIN ENTRANCE AT THE CONSTRUCTION SITE.

A SIGN OR OTHER NOTICE MUST BE POSTED CONSPICUOUSLY NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE. IF DISPLAYING NEAR THE MAIN ENTRANCE IS INFEASIBLE, THE NOTICE CAN BE POSTED IN A LOCAL PUBLIC BUILDING SUCH AS THE TOWN HALL OR PUBLIC LIBRARY. THE SIGN OR OTHER NOTICE MUST CONTAIN THE FOLLOWING INFORMATION:

1. A COPY OF THE COMPLETED NOTICE OF INTENT AS SUBMITTED TO THE EPA STORM WATER NOTICE PROCESSING CENTER; AND
2. IF THE LOCATION OF THE SWPPP OR THE NAME AND TELEPHONE NUMBER OF THE CONTACT PERSON FOR SCHEDULING SWPPP VIEWING TIMES HAS CHANGED (I.E., IS DIFFERENT THAN THAT SUBMITTED TO EPA IN THE NOI), THE CURRENT LOCATION OF THE SWPPP AND NAME AND TELEPHONE NUMBER OF A CONTACT PERSON FOR SCHEDULING VIEWING TIMES.

P:\Project\PROJECT FILES\Land 18\18712\dwg	DESIGNED BY: SAL/JCH	REVISED: _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION NOTES</b>			FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN BY: ALS	REVISED: _____					1548	16-00043-00-SW	COOK	14	10
	CHECKED BY: SAL	REVISED: _____		CONTRACT No. 61F48							
	DATE: 09/06/18	REVISED: _____		SCALE: H: 1"=20' V: 1"=4'	SHEET No. X OF X SHEETS	STA. 10+38 TO STA. 28+37	FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		



**NOTES:**

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 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S), THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

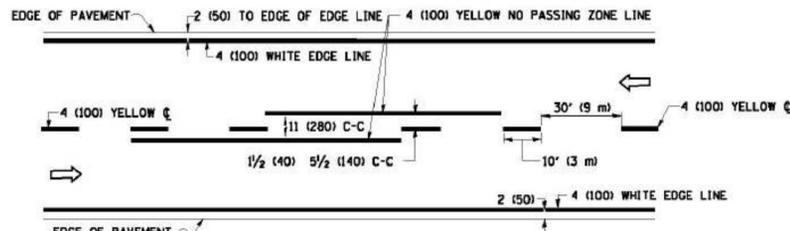
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

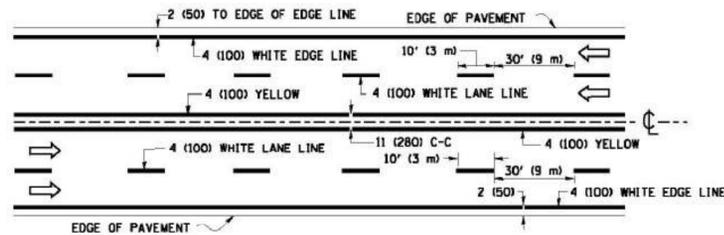
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. 10+38 TO STA. 28+37

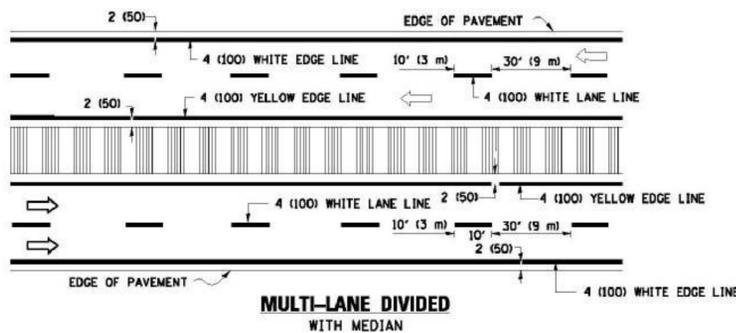
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1548	16-00043-00-SW	COOK	14	11
TC-10		CONTRACT NO. 61F48		
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

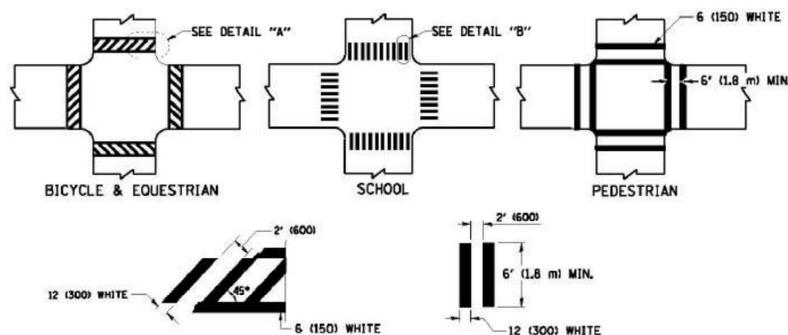


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

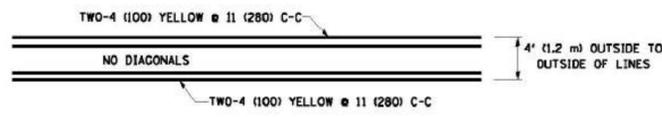


**DETAIL "A"**

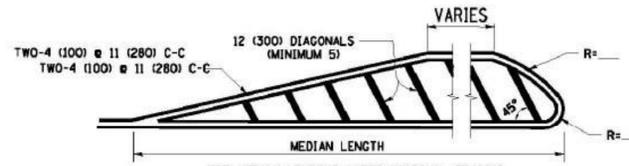
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

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

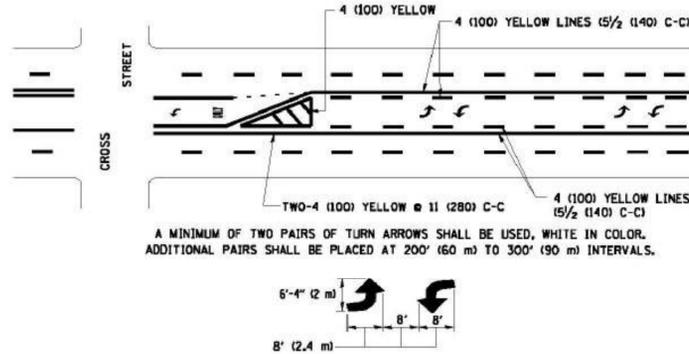


**4' (1.2 m) WIDE MEDIANS ONLY**

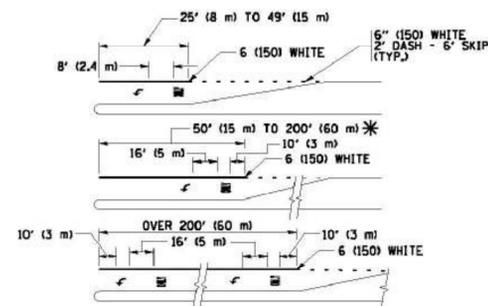


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**



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

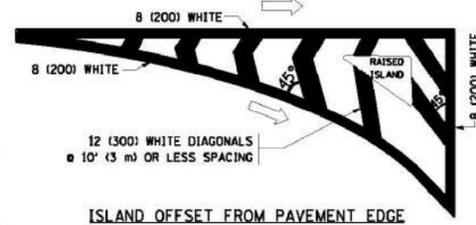


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

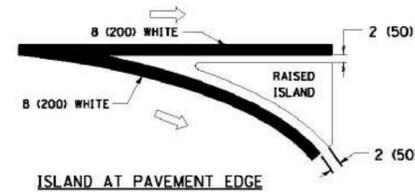
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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

**TYPICAL TURN LANE MARKING**

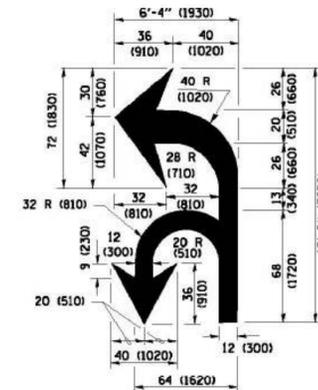


**ISLAND OFFSET FROM PAVEMENT EDGE**

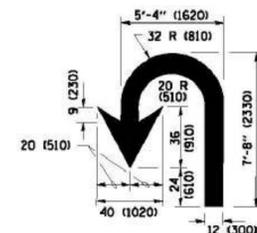


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

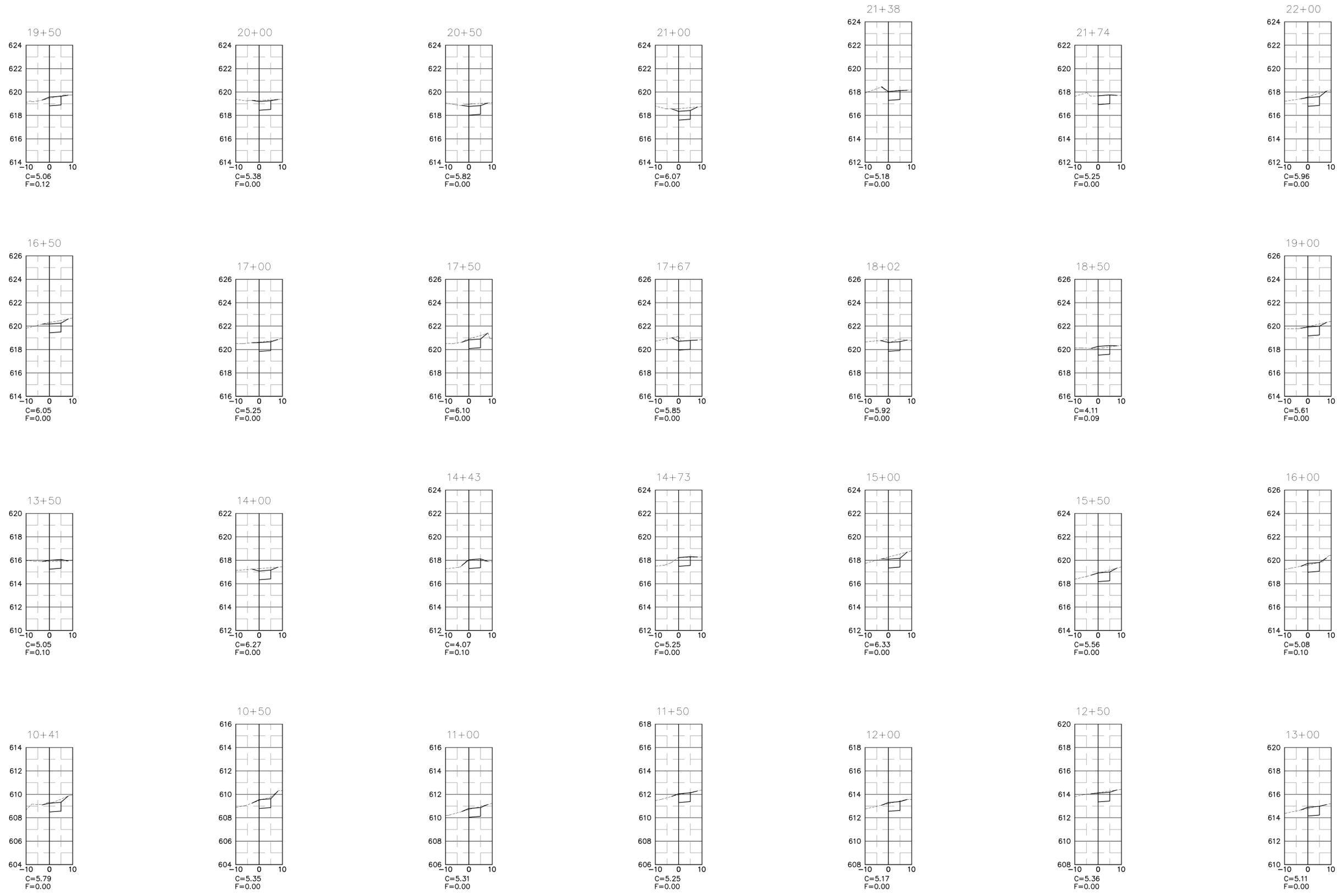
\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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	5/2 (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; 5/2 (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; WHITE; WHITE	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
DORE 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 <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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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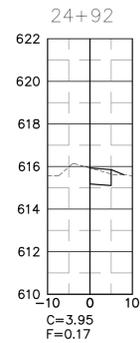
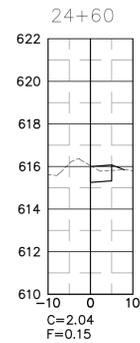
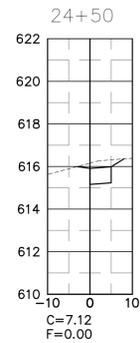
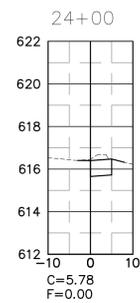
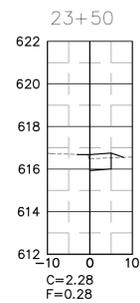
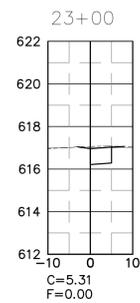
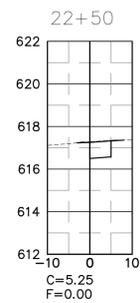
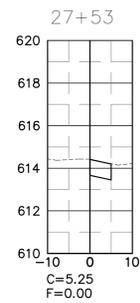
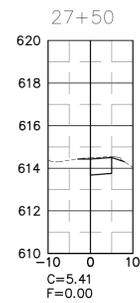
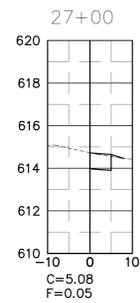
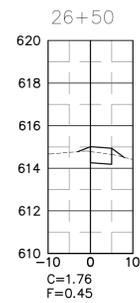
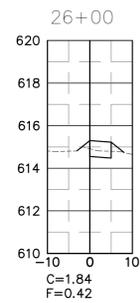
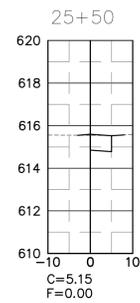
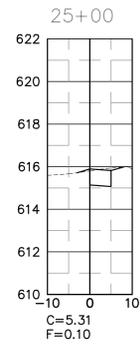
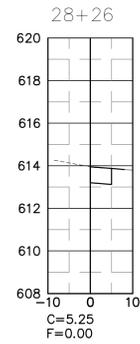
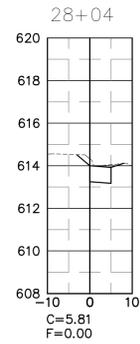
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DRAWN BY: ALS	REVISED: _____
CHECKED BY: SAL	REVISED: _____
DATE: 09/06/18	REVISED: _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS FRONTAGE ROAD</b>		
SCALE: H: 1"=20' V: 1"=4'	SHEET No. X OF X SHEETS	STA. 10+38 TO STA. 28+37

FAU RTE 1548	SECTION 16-00043-00-SW	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 13
CONTRACT No. 61F48				
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

FILE JOB No: 18-712



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DESIGNED BY: SAL/JCH

REVISED: \_\_\_\_\_

DRAWN BY: ALS

REVISED: \_\_\_\_\_

CHECKED BY: SAL

REVISED: \_\_\_\_\_

DATE: 09/06/18

REVISED: \_\_\_\_\_

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
FRONTAGE ROAD**

SCALE: H: 1"=20'  
V: 1"=4'

SHEET No. X OF X SHEETS

STA. 10+38 TO STA. 28+37

FAU  
RTE  
1548

SECTION  
16-00043-00-SW

COUNTY  
COOK

TOTAL  
SHEETS  
14

SHEET  
NO.  
14

CONTRACT No. 61F48

FED. ROAD DIST. NO.

ILLINOIS

FEDERAL AID PROJECT