1-15-10 Letting, Item 132

25+1 = 26

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	1
STA. 7+17		TO STA. 67+00		
FED. ROAD DIST. NO. 1 C-91-891-09		ILLINOIS	FED AID PROJECT ARA-9003(457)	
CONTRACT NO. 63338				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF HIGHWOOD

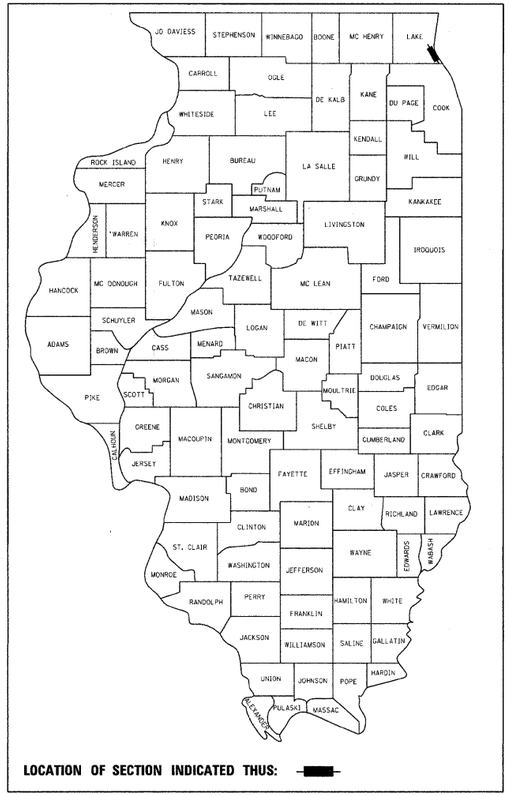
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. ROUTE 2744 SHERIDAN ROAD

FROM WALKER AVENUE (F.A.U. 1251) TO OLD ELM ROAD (F.A.U. 1248)

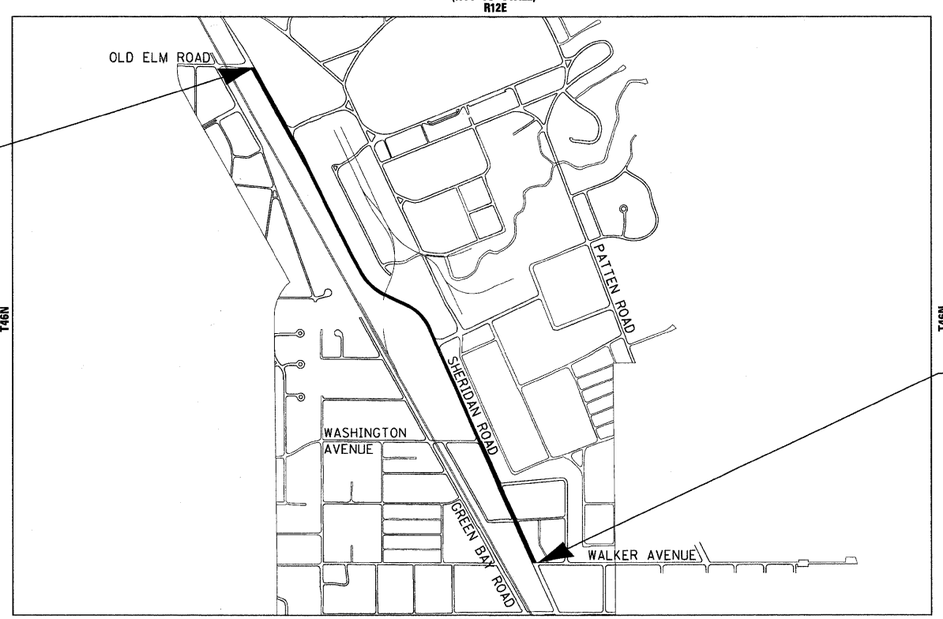
PROJECT NO.: ARA–9003(457)
SECTION NO.: 09–00053–00–RS
JOB NO.: C–91–891–09
CITY OF HIGHWOOD
LAKE COUNTY



LOCATION OF SECTION INDICATED THUS: ■

TRAFFIC DATA
SHERIDAN ROAD
POSTED & DESIGN SPEED LIMIT = 30 MPH
2009 ADT = 11,400
COLLECTOR

LOCATION MAP
(NOT TO SCALE)



PROJECT NO. ARA–9003(457)
F.A.U. ROUTE 2744
SHERIDAN ROAD
END RESURFACING
STA. 67+00

PROJECT NO. ARA–9003(457)
F.A.U. ROUTE 2744
SHERIDAN ROAD
BEGIN RESURFACING
STA. 7+17

DEERFIELD TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 5,983 LF OR 1.13 MILES
NET LENGTH OF IMPROVEMENT = 5,983 LF OR 1.13 MILES

100′ 0 10′ 200′ 20′ 300′ 30′ — 1″= 100′
50′ 0 100′ — 1″= 50′
50′ 0 100′ — 1″= 40′
50′ 0 100′ — 1″= 30′
50′ 0 100′ — 1″= 20′

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. DESIGN STAGE REQUEST
DIG. No. X2310769

Call Before You Dig
JULIE ILLINOIS ONE-CALL SYSTEM

CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = LAKE
CITY-TWNSHP. = HIGHWOOD-DEERFIELD
SEC. & 1/4 SEC. NO. = E 1/2 SEC. 15 & THE W 1/2 & SE 1/4 SEC. 10
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 63338

BAXTER & WOODMAN Consulting Engineers

ROBERT W. LENZINI
62-041763
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
PROJECT MANAGER
"LICENSE EXPIRES 11-30-11"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED Gregory S. Jackson 10-12-09
City Mgr.
CITY OF HIGHWOOD REPRESENTATIVE

PASSED October 27, 2009
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW October 29, 2009
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Burlington, Wisconsin 262.763.7834 | *Chicago, Illinois 312.578.0050* | *Crystal Lake, Illinois 815.459.1260* | *DeKalb, Illinois 815.787.3111* | *Grayslake, Illinois 847.223.5088* | *Itasca, Illinois 630.773.1870* | *Madison, Wisconsin 608.347.1542* | *Mokena, Illinois 708.478.2090* | *Plainfield, Illinois 815.609.7425*
(OFFICE WHICH PREPARED PLANS)

B&W PROJECT NO.: 090831 DATE: 10-05-09

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n:\HWD\C090831\Sheets\090831-cvr.sht
BUREAU OF LOCAL ROADS AND STREETS: ASSOCIATE FIELD ENGINEER – KEVIN STALLWORTH, P.E. (847) 705-4169 SCHAUMBURG, IL

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE "MANUAL OF TEST PROCEDURES FOR MATERIALS".

2. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR

3. 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 AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR CITY.

4. THE CONTRACTOR SHALL NOTIFY THE CITY DIRECTOR OF PUBLIC WORKS AND THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE CITY DIRECTOR OF PUBLIC WORKS AND THE ENGINEER.

5. MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, SIDEWALKS AND EXCAVATION FOR NEW SIDEWALKS ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE ENGINEER, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE ENGINEER WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.

6. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF CITY WATER IF DEEMED NECESSARY.

7. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE CITY WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE CITY TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED. THE COST OF THIS WORK IS INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

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

9. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.

10. ALL SIGNS AND MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH CITY STANDARDS AND INCLUDED IN THE COST OF THE CONTRACT. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.

11. EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

12. IN AREAS WHERE THE EXISTING DRIVEWAY (HOT-MIX ASPHALT OR GRAVEL), SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS, HMA SURFACE REMOVAL OF THE TYPE SPECIFIED, SIDEWALK REMOVAL OR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

13. THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.

14. THE LOCATIONS OF THE CLASS D PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

15. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.

16. THE DAYS PAVING OPERATION SHALL RESULT IN A SINGLE TRANSVERSE JOINT. COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.

17. FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4337.

18. ON STREETS TO BE FULL WIDTH MILLED (2" OR MORE), THE STRUCTURES IN THE PAVEMENT SHALL BE ADJUSTED IN ACCORDANCE WITH THE IDOT DETAIL "DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING". THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR FRAME AND LIDS TO BE ADJUSTED (SPECIAL). EXISTING FRAMES AND GRATES OR LIDS THAT ARE TO BE REPLACED AS PART OF STRUCTURE ADJUSTMENT SHALL BE DELIVERED TO THE CITY OF HIGHWOOD PUBLIC WORKS.

19. THE CONTRACTOR SHALL UTILIZE A MECHANICAL SWEEPER TO CLEAN STREETS AFFECTED BY CONTRACTORS OPERATIONS, INCLUDING HAUL ROUTES, AT LEAST ONCE PER WEEK AND ADDITIONALLY AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF CONSTRUCTION.

20. NO DAMAGE TO PARKWAYS IS PLANNED AS PART OF THESE IMPROVEMENTS EXCEPT WHERE SIDEWALK IS INSTALLED OR REPLACED OR CURB AND GUTTER IS REPLACED. ANY AND ALL RESTORATION OF DAMAGED PARKWAYS SHALL CONSIST OF NECESSARY SUB-GRADE MATERIAL AS APPROVED BY THE ENGINEER, TOPSOIL 4-INCH AND NATIVE SOD IN ACCORDANCE WITH SECTION 1081.03 OF THE STANDARD SPECIFICATIONS. RESTORATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEM WHICH CAUSED THE DISTURBANCE.

21. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.

22. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES PRIVATE DRIVEWAYS AND 8-INCHES WHERE THE SIDEWALK CROSSES COMMERCIAL DRIVEWAYS. 6" x 6" WELDED WIRE FABRIC SHALL BE INSTALLED IN THE SIDEWALK WHERE THE SIDEWALK CROSSES EITHER PRIVATE OR COMMERCIAL DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4-INCH SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.

23. THE DISTRICT 1 DETAIL FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT SHOWN IN THE PLANS SHALL BE MODIFIED AS SHOWN IN THE CURB DETAIL ON THE MISCELLANEOUS DETAIL SHEET, TO INCLUDE THE FOLLOWING (THESE REQUIREMENTS SHALL APPLY TO REPLACED BARRIER CURB). THE WORK SHALL INCLUDE SAW-CUTTING AND REMOVING THE EXISTING PAVEMENT A MINIMUM OF 6 INCHES MEASURED FROM THE EXISTING EDGE OF PAVEMENT, AND FILLING THE 6-INCH GAP WITH CLASS SI CONCRETE TO AN ELEVATION 2 1/2 INCHES BELOW THE PROPOSED CURB AND GUTTER FLAG. IF THE CONCRETE IS PLACED HIGHER THAN 2-1/2" FROM THE GUTTER FLAG FOR STREETS TO BE RESURFACED, THE CONTRACTOR WILL BE REQUIRED TO GRIND ADDITIONAL CONCRETE TO THE REQUIRED 2-1/2" DEPTH. REMOVAL OF UNSUITABLE SUB-BASE MATERIAL, AS DIRECTED BY THE ENGINEER, SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, REGARDLESS OF DEPTH. THE AREA BEHIND THE PROPOSED CURB AND GUTTER SHALL BE RESTORED WITH NATIVE SOD IN ACCORDANCE WITH ARTICLE 1081.03 RATHER THAN SALT TOLERANT SOD (WHERE APPLICABLE).

24. WORK AND MATERIALS REQUIRED TO INSTALL 1-INCH UNIT DUCT SHALL BE INCLUDED IN THE PAY ITEM DETECTOR LOOP REPLACEMENT.

25. THE CONTRACTOR WILL ONLY BE ALLOWED TO REMOVE AND REPLACE CURB AND GUTTER ON ONE SIDE OF THE ROAD AT A TIME TO MINIMIZE CONGESTION. REPLACEMENT MUST BE COMPLETE ON ONE SIDE OF THE ROAD BEFORE THE CONTRACTOR IS ALLOWED TO BEGIN REMOVING CURB AND GUTTER ON THE OTHER SIDE OF THE ROAD.

26. WHERE THE ENGINEER DETERMINES DRIVEWAY APRON REMOVAL AND REPLACEMENT IS REQUIRED, ONLY 18-INCHES BEHIND THE CURB AND GUTTER SHALL BE MEASURED FOR PAYMENT. RESIDENTIAL OR COMMERCIAL PORTLAND CEMENT CONCRETE OR HOT-MIX ASPHALT DRIVEWAY APRONS SHALL BE INSTALLED ON AN AGGREGATE BASE. THIS BASE WILL BE PAID FOR SEPARATELY AS AGGREGATE BASE COURSE, TYPE B 4".

27. HIGH DENSITY POLYETHYLENE (HDPE) PLASTIC ADJUSTING RINGS WILL NOT BE ALLOWED FOR ADJUSTMENT OF FRAMES AND LIDS.

28. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

29. DETECTABLE WARNINGS SHALL CONSIST OF DYED CONCRETE STAMPED WITH APPROPRIATE STAMPING TOOLS. THE PIGMENT SHALL MEET THE REQUIREMENTS OF ASTM C 979, MATCH COLOR 30166 OF FEDERAL STANDARD 595. THE COST OF DYING CONCRETE IN THE DETECTABLE WARNING AREA SHALL BE INCLUDED IN THE COST OF DETECTABLE WARNINGS AND THE LIMITS OF THE DYED CONCRETE SHALL NOT EXTEND BEYOND THE DETECTABLE WARNING AREA.

30. THE FINISHED ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L,2W, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

LEGEND

	BUTT JOINT
SP	FRAME AND LIDS TO BE ADJUSTED (SPECIAL)
VBOX SP	VALVE BOX TO BE ADJUSTED (SPECIAL)
	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

BAXTER & WOODMAN
Consulting Engineers

DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	
DRAWN - KAR	REVISED - IDOT REVIEW 10/26/09	
CHECKED - RWL	REVISED -	
DATE - 08-20-09	FILE - 090831-gen-notes.sht	

CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND LEGEND

SCALE: | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	2
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
		ILLINOIS	FED. AID PROJECT ARA-9003(457)	

SUMMARY OF QUANTITIES

	CODE NO.	PAY ITEM	UNIT	CONSTRUCTION CODE 1000
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	798
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	20
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,449
	40600300	AGGREGATE (PRIME COAT)	TON	49
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10
	40600895	CONSTRUCTING TEST STRIP	EACH	2
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	156
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,155
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	32
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,570
	42400800	DETECTABLE WARNINGS	SQ FT	60
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	24,490
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	54
	44000600	SIDEWALK REMOVAL	SQ FT	5,570
	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	562
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	1,050
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	400
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	350
	60266610	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	2
	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	41
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,400
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	200
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	255
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,206
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,464
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	851
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	210
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	263
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	300
*	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	263
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	295
	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	208
	X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,127

* INDICATES SPECIALTY ITEM

BAXTER & WOODMAN Consulting Engineers

DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09		
DRAWN - KAR	REVISED - IDOT REVIEW 10/26/09		
CHECKED - RWL	REVISED -		
DATE - 08-20-09	FILE 090831-soq.sht		

CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

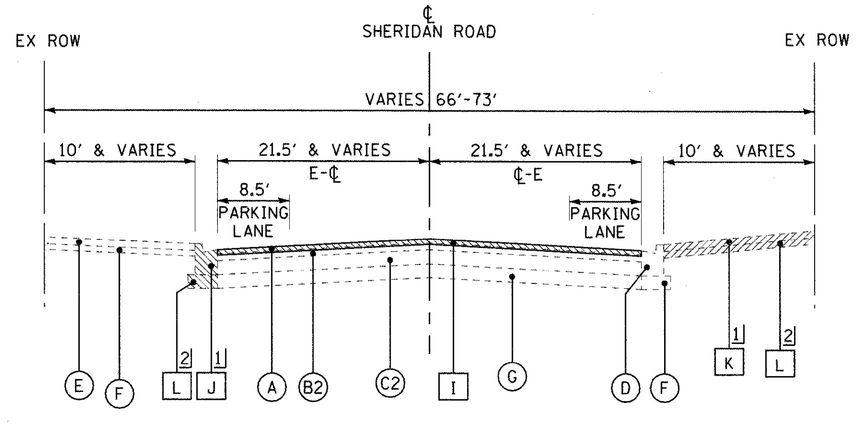
SUMMARY OF QUANTITIES

SCALE: NONE | STA. | TO STA.

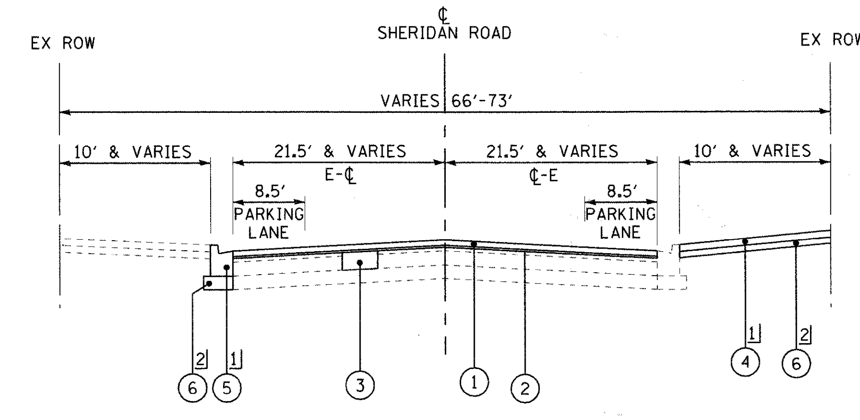
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	3

FED. ROAD DIST. NO. 1 C-91-891-09 | CONTRACT NO. 63338

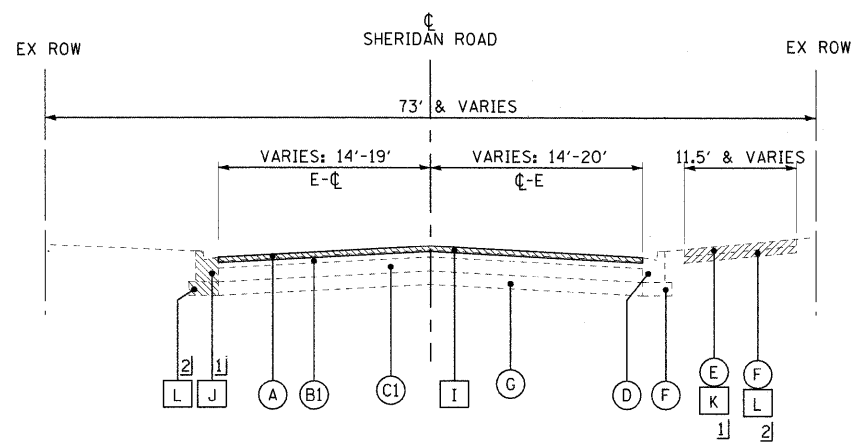
ILLINOIS | FED. AID PROJECT ARA-9003(457)



EXISTING TYPICAL SECTION
SHERIDAN ROAD
STA. 7+17 TO STA. 22+19



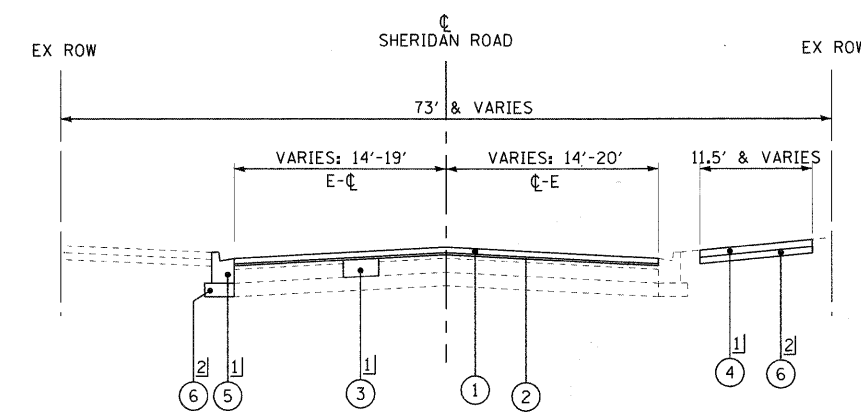
PROPOSED TYPICAL SECTION
SHERIDAN ROAD
STA. 7+17 TO STA. 22+19



EXISTING TYPICAL SECTION
SHERIDAN ROAD
STA. 22+19 TO STA. 38+56
STA. 60+75 TO STA. 67+00

1 AS INDICATED ON THE PLANS OR AS DETEREMINED BY THE ENGINEER IN THE FIELD DURING CONSTRICTION

2 AS REQUIRED



PROPOSED TYPICAL SECTION
SHERIDAN ROAD
STA. 22+19 TO STA. 38+56
STA. 60+75 TO STA. 67+00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS NOTES:

1. CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
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"	4% @ 50 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); CE - 8"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm); TYPE II - IV - 10-INCH	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ. YD./IN

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

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE, 2"
- (B1) HOT-MIX ASPHALT LEVEL BINDER COURSE, 3/4"
- (B2) HOT-MIX ASPHALT LEVEL BINDER COURSE, 2"-3"
- (C1) CONCRETE BASE COURSE
- (C2) BRICK BASE COURSE
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (E) SIDEWALK
- (F) AGGREGATE BASE COURSE
- (G) SUB-GRADE
- (H) GROUND SURFACE
- [I] HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- [J] COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- [K] SIDEWALK REMOVAL
- [L] AGGREGATE BASE COURSE REMOVAL (NOT PAID FOR SEPARATELY)
- (hatched) ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50-3/4"
- (3) CLASS D PATCHES, TYPE II - IV, 10 INCH
- (4) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (5) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (6) AGGREGATE BASE COURSE, TYPE B 4"

LEGEND NOTES:

1. SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN.
2. CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN.

BAXTER WOODMAN Consulting Engineers

DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	
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DATE - 08-20-09	FILE - 090831-typsec.sht	

CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

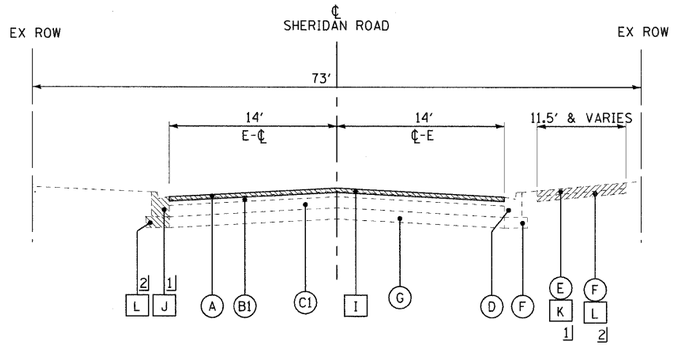
TYPICAL SECTIONS

SCALE: NONE | STA. | TO STA.

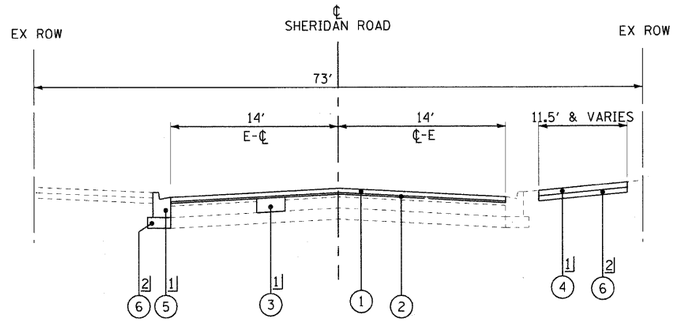
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	4

FED. ROAD DIST. NO. 1 C-91-891-09 — CONTRACT NO. 63338

ILLINOIS FED. AID PROJECT ARA-9003(457)



EXISTING TYPICAL SECTION
SHERIDAN ROAD
STA. 38+56 TO STA. 60+75



PROPOSED TYPICAL SECTION
SHERIDAN ROAD
STA. 38+56 TO STA. 60+75

1 AS INDICATED ON THE PLANS OR AS DETEREMINED BY THE ENGINEER IN THE FIELD DURING CONSTRICTION

2 AS REQUIRED

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE, 2"
- (B1) HOT-MIX ASPHALT LEVEL BINDER COURSE, 3/4"
- (B2) HOT-MIX ASPHALT LEVEL BINDER COURSE, 2"-3"
- (C1) CONCRETE BASE COURSE
- (C2) BRICK BASE COURSE
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (E) SIDEWALK
- (F) AGGREGATE BASE COURSE
- (G) SUB-GRADE
- (H) GROUND SURFACE
- [I] HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- [J] COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- [K] SIDEWALK REMOVAL
- [L] AGGREGATE BASE COURSE REMOVAL (NOT PAID FOR SEPARATELY)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50-3/4"
- (3) CLASS D PATCHES. TYPE II - IV, 10 INCH
- (4) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (5) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (6) AGGREGATE BASE COURSE, TYPE B 4"

LEGEND NOTES:

1. SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN.
2. CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001306 EXPIRES 4/30/2011
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BAXTER & WOODMAN Consulting Engineers

DESIGNED	SLN	REVISED	IDOT REVIEW 10/05/09
DRAWN	KAR	REVISED	-
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DATE	08-20-09	FILE	090831-typsec.sht

CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

TYPICAL SECTIONS AND
HMA MIXTURE REQUIREMENTS

SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	5
FED. ROAD DIST. NO. 1	C-91-891-09	CONTRACT NO. 63338		
ILLINOIS	FED. AID PROJECT ARA-9003(457)			

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

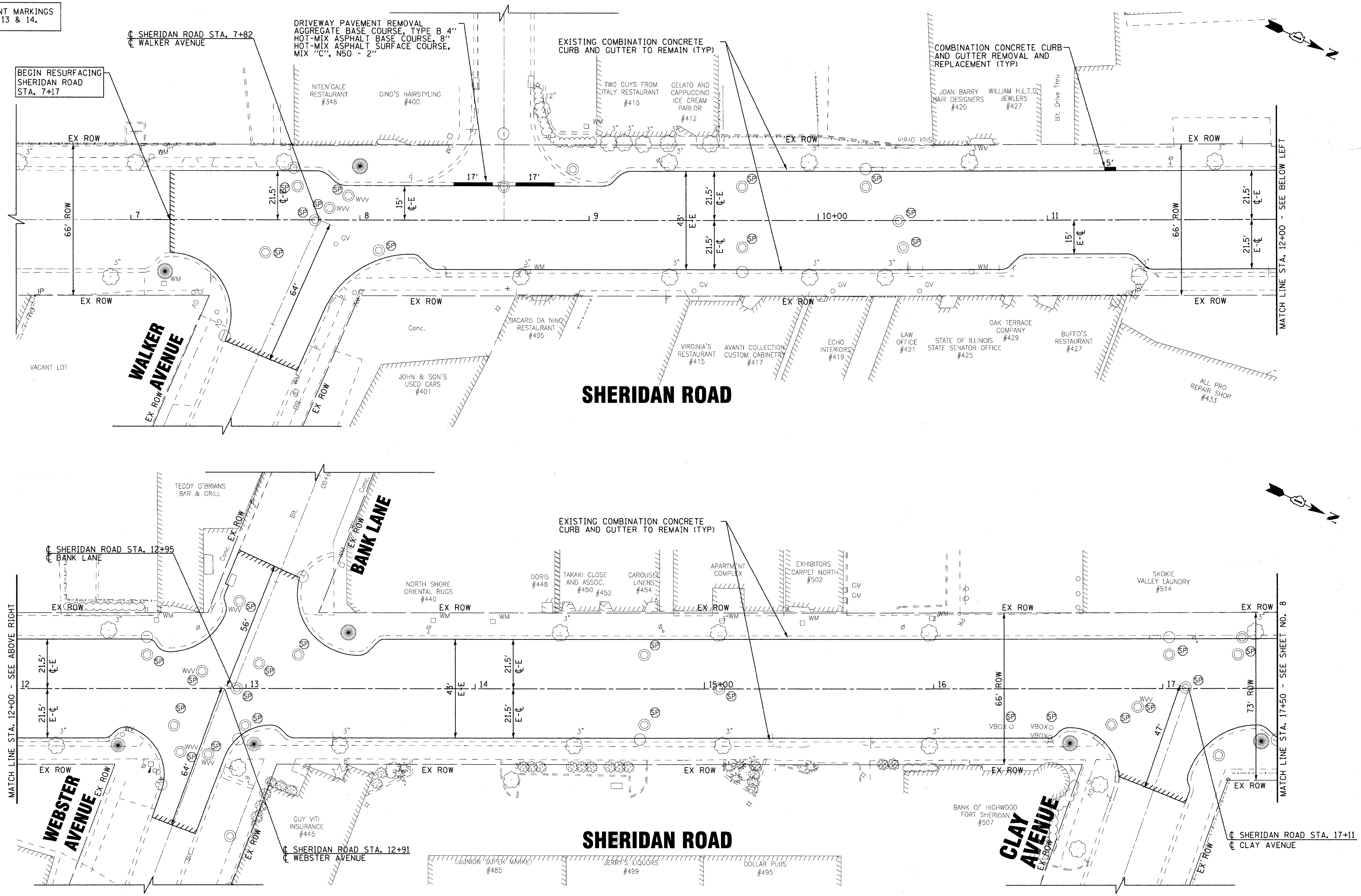
	WIDTH (FT)	LENGTH (FT)	AREA (SQ YD)
SHERIDAN ROAD (STA 7+17)	36	4.5	18
WALKER AVENUE (STA 7+82, 64' RT)	34	4.5	17
WEBSTER AVENUE (STA 12+91, 64' RT)	20	4.5	10
BANK LANE (STA 12+95, 56' LT)	29	4.5	15
CLAY AVENUE (STA 17+11, 47' RT)	30	4.5	15
WASHINGTON AVENUE (STA 22+15, 190' LT)	24	4.5	12
1ST STREET (STA 33+57, 58' RT)	65	4.5	32
COMMERCIAL ENTRANCE (STA 33+57, 39' LT)	34	4.5	17
SHERIDAN ROAD (STA 67+00)	39	4.5	20
TOTAL			156

BAXTER & WOODMAN Consulting Engineers	DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	CITY OF HIGHWOOD, ILLINOIS SHERIDAN ROAD ARRA (LAPP) RESURFACING
	DRAWN - KAR	REVISED -	
	CHECKED - RWL	REVISED -	
	DATE - 08-20-09	FILE - 090831-schedule.sht	

SCHEDULE OF QUANTITIES

SCALE: NONE | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	6
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
		ILLINOIS	FED. AID PROJECT ARA-9003(457)	



FOR PAVEMENT MARKINGS SEE SHEETS 13 & 14.
BEGIN RESURFACING SHERIDAN ROAD STA. 7+17
℄ SHERIDAN ROAD STA. 7+82
℄ WALKER AVENUE
DRIVEWAY PAVEMENT REMOVAL AGGREGATE BASE COURSE, TYPE B 4" HOT-MIX ASPHALT BASE COURSE, 8" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"
EXISTING COMBINATION CONCRETE CURB AND GUTTER TO REMAIN (TYP)
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (TYP)
NITEN'GALE RESTAURANT #346
GINO'S HAIRSTYLING #400
TWO GUYS FROM ITALY RESTAURANT #410
GELATO AND CAPPUCCINO ICE CREAM PARLOR #412
JOAN BARRY HAIR DESIGNERS #420
WILLIAM H.L.T.D. JEWLERS #427
EX ROW
66' ROW
21.5' ℄-E
15' ℄-E
43' E-E
17'
5'
64'
WALKER AVENUE
VACANT LOT
JOHN & SON'S USED CARS #401
BACARO DA NINO RESTAURANT #405
VIRGINIA'S RESTAURANT #415
AVANTI COLLECTION CUSTOM CABINETRY #417
ECHO INTERIORS #419
LAW OFFICE #421
STATE OF ILLINOIS STATE SENATOR OFFICE #425
OAK TERRACE COMPANY #429
BUFFO'S RESTAURANT #427
ALL PRO REPAIR SHOP #433
SHERIDAN ROAD
MATCH LINE STA. 12+00 - SEE BELOW LEFT
TEDDY O'BRIANS BAR & GRILL
℄ SHERIDAN ROAD STA. 12+95
℄ BANK LANE
BANK LANE
NORTH SHORE ORIENTAL RUGS #440
DORIS #448
TAKAKI CLOSE AND ASSOC. #450 #452
CAROUSEL LINENS #454
APARTMENT COMPLEX
EXHIBITORS CARPET NORTH #502
SKOKIE VALLEY LAUNDRY #514
56'
47'
73' ROW
MATCH LINE STA. 12+00 - SEE ABOVE RIGHT
MATCH LINE STA. 17+50 - SEE SHEET NO. 8
WEBSTER AVENUE
GUY VITI INSURANCE #445
℄ SHERIDAN ROAD STA. 12+91
℄ WEBSTER AVENUE
LOUNION SUPER MARKET #485
JERRY'S LIQUORS #499
DOLLAR PLUS #495
BANK OF HIGHWOOD FORT SHERIDAN #507
CLAY AVENUE
℄ SHERIDAN ROAD STA. 17+11
℄ CLAY AVENUE

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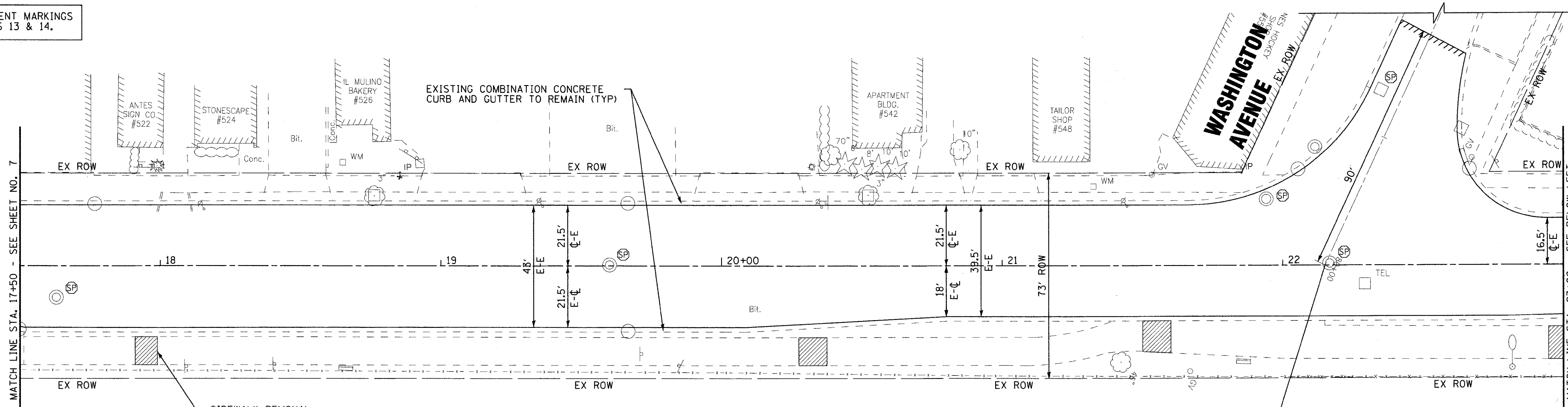
CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

PLAN – SHERIDAN ROAD

SCALE: 1" = 20' | STA. 7+00 TO STA. 17+50

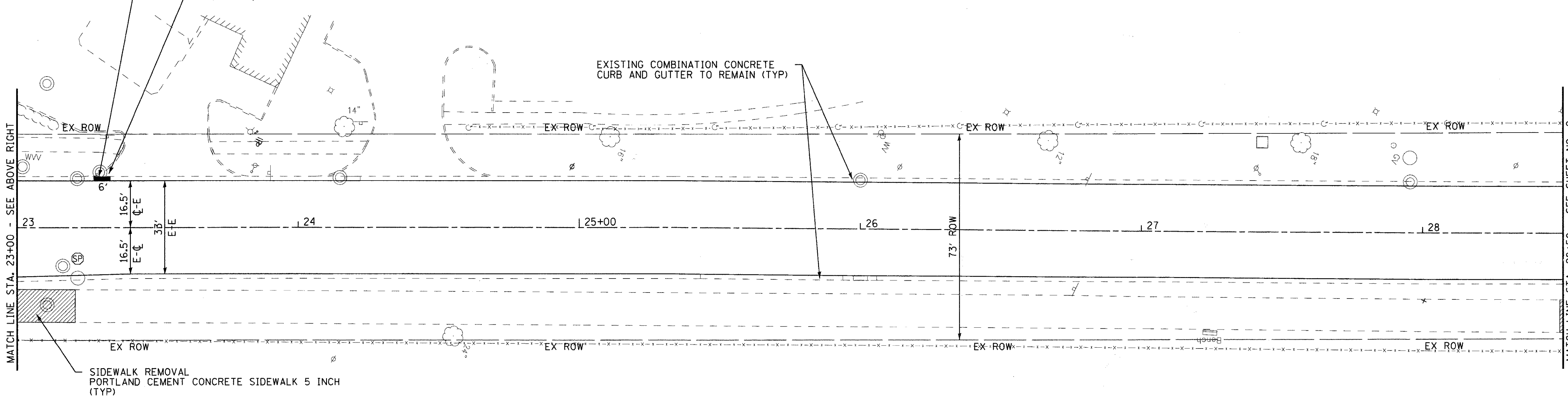
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	7
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
ILLINOIS FED. AID PROJECT ARA-9003(457)				

FOR PAVEMENT MARKINGS SEE SHEETS 13 & 14.



FOR DETECTOR LOOP REPLACEMENT SEE SHEET NO. 15

SHERIDAN ROAD



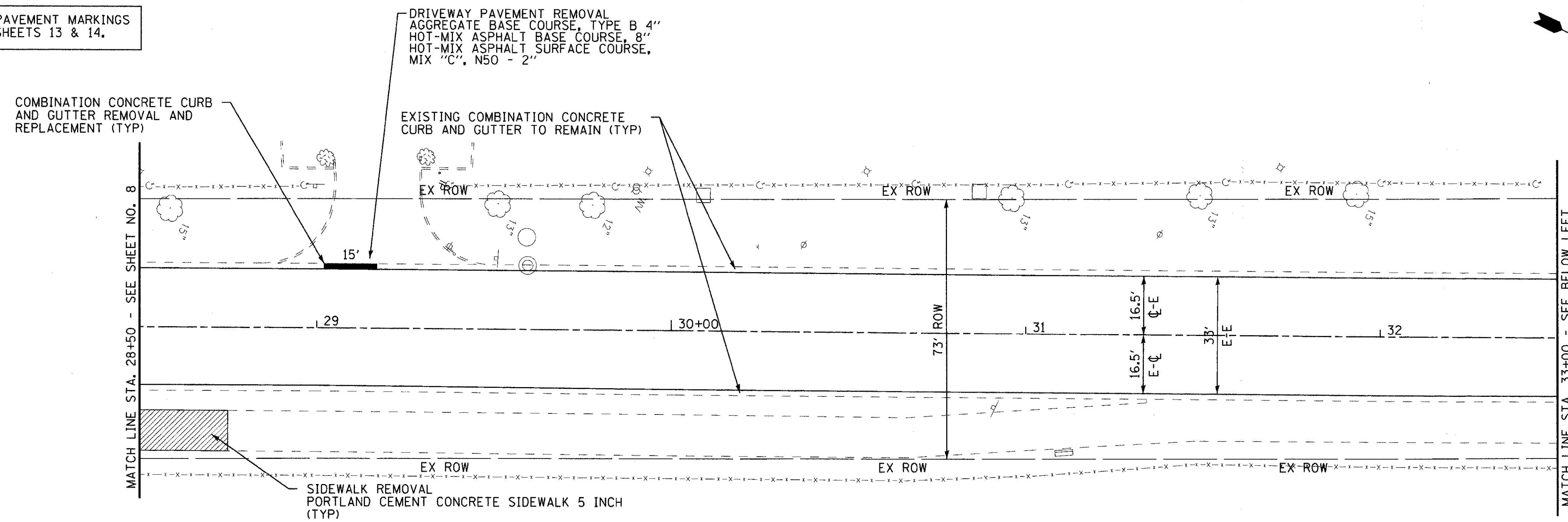
SHERIDAN ROAD

BAXTER & WOODMAN Consulting Engineers

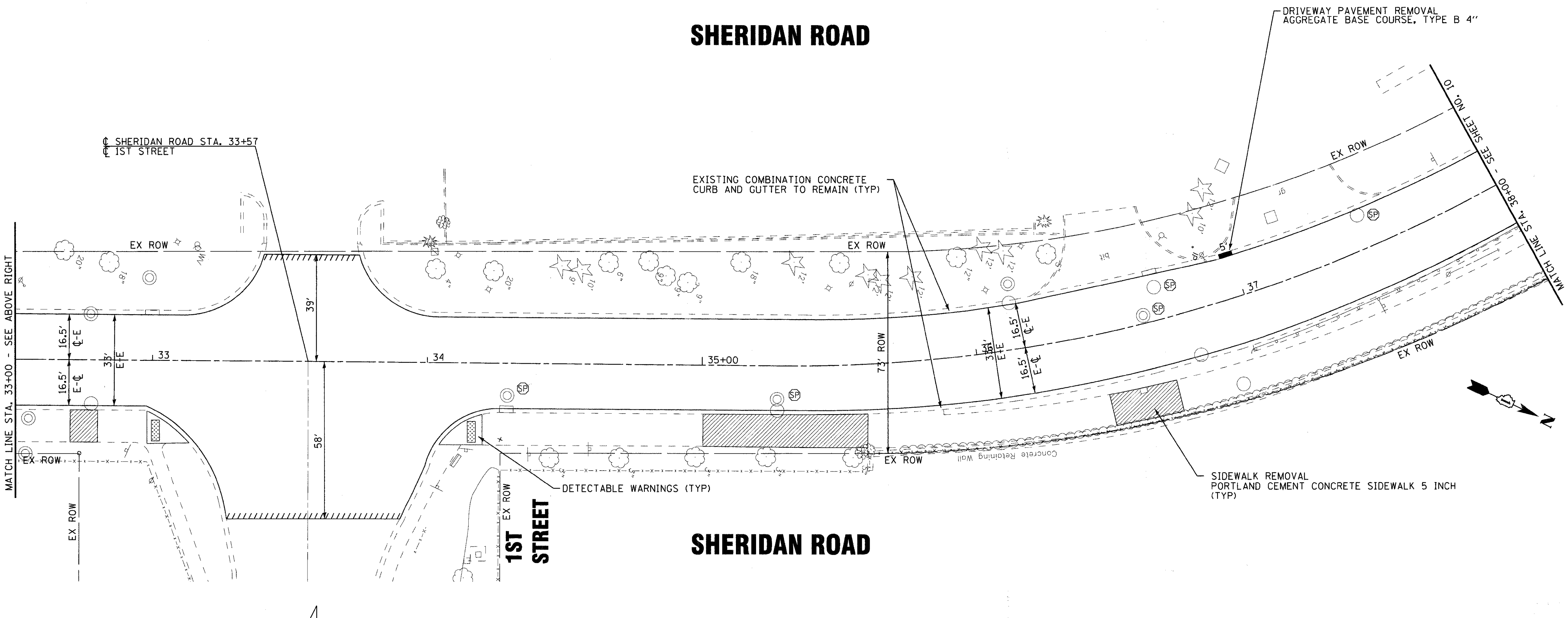
DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	CITY OF HIGHWOOD, ILLINOIS SHERIDAN ROAD ARRA (LAPP) RESURFACING	PLAN - SHERIDAN ROAD
DRAWN - KAR	REVISED -		
CHECKED - RWL	REVISED -		
DATE - 08-20-09	FILE - 090831-pp2.sht		SCALE: 1" = 20' STA. 17+50 TO STA. 28+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	8
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
	ILLINOIS FED. AID PROJECT ARA-9003(457)			

FOR PAVEMENT MARKINGS SEE SHEETS 13 & 14.



SHERIDAN ROAD



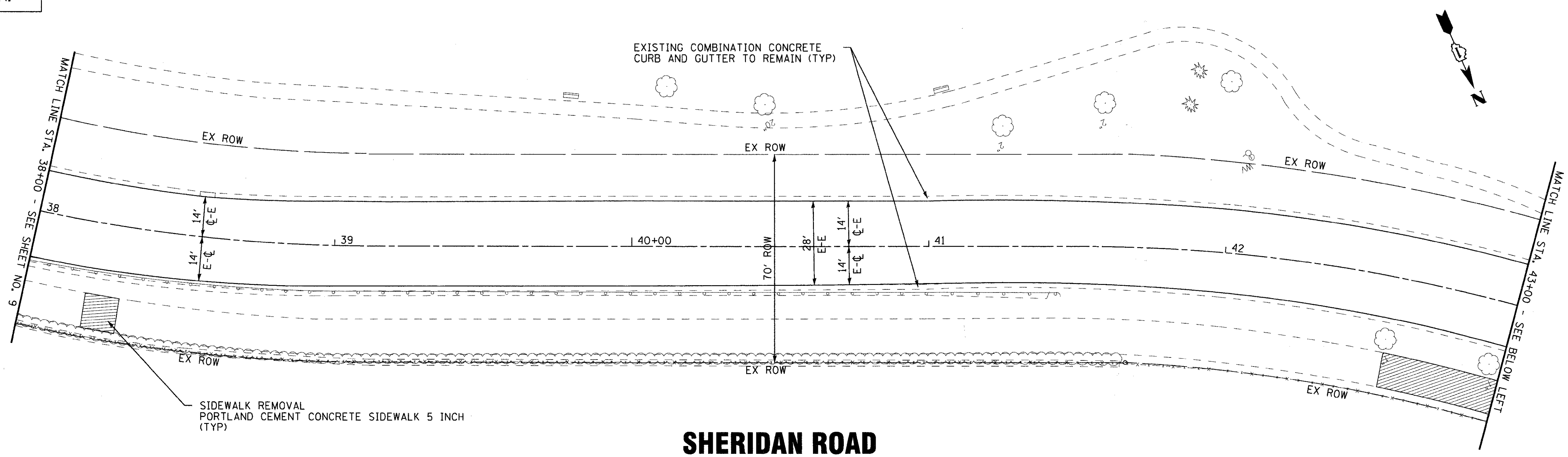
SHERIDAN ROAD

BAXTER & WOODMAN Consulting Engineers

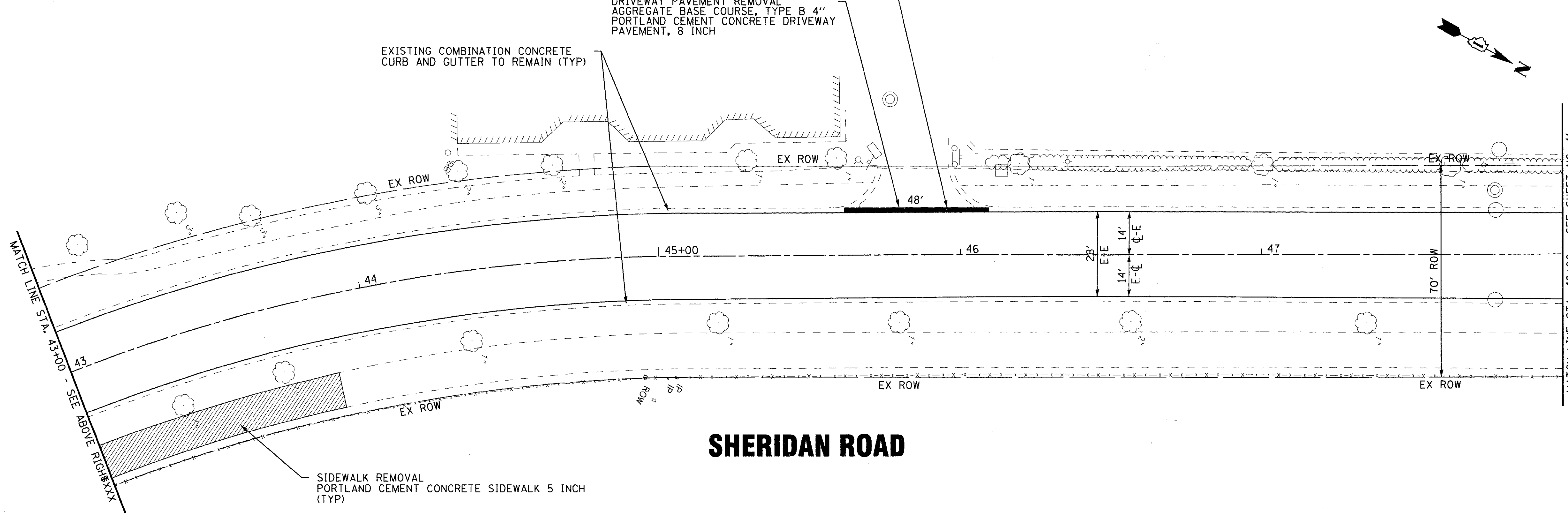
DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	CITY OF HIGHWOOD, ILLINOIS	PLAN - SHERIDAN ROAD
DRAWN - KAR	REVISED -	SHERIDAN ROAD ARRA (LAPP)	
CHECKED - RWL	REVISED -	RESURFACING	SCALE: 1" = 20'
DATE - 08-20-09	FILE - 090831-pp3.sht		STA. 28+50 TO STA. 38+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	9
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
ILLINOIS FED. AID PROJECT ARA-9003(457)				

FOR PAVEMENT MARKINGS
SEE SHEETS 13 & 14.



SHERIDAN ROAD



SHERIDAN ROAD

BAXTER & WOODMAN
Consulting Engineers

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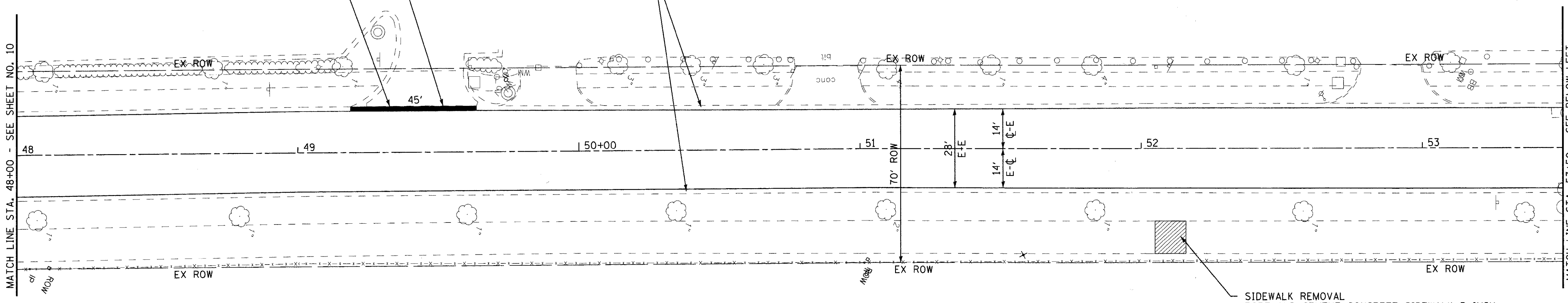
CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

PLAN – SHERIDAN ROAD

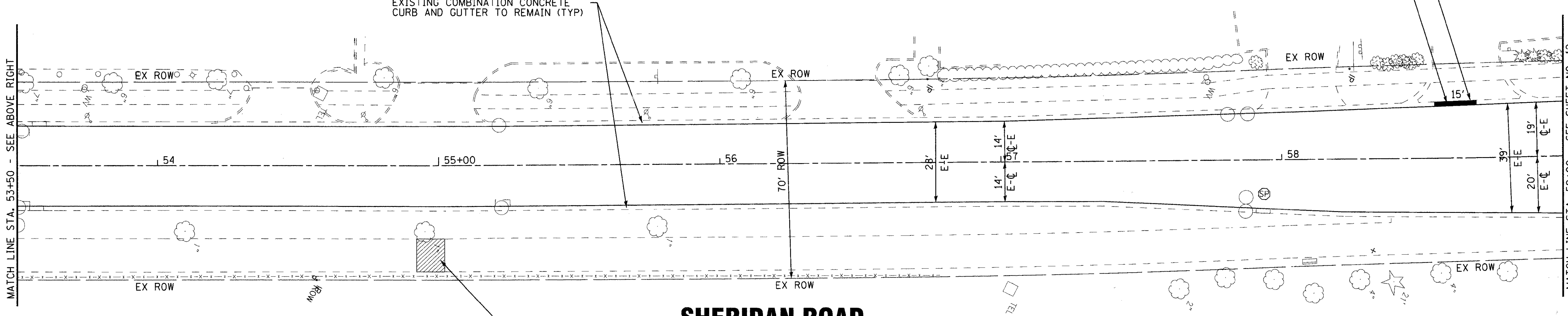
SCALE: 1" = 20' STA. 38+00 TO STA. 48+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	10
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

FOR PAVEMENT MARKINGS SEE SHEETS 13 & 14.



SHERIDAN ROAD



SHERIDAN ROAD

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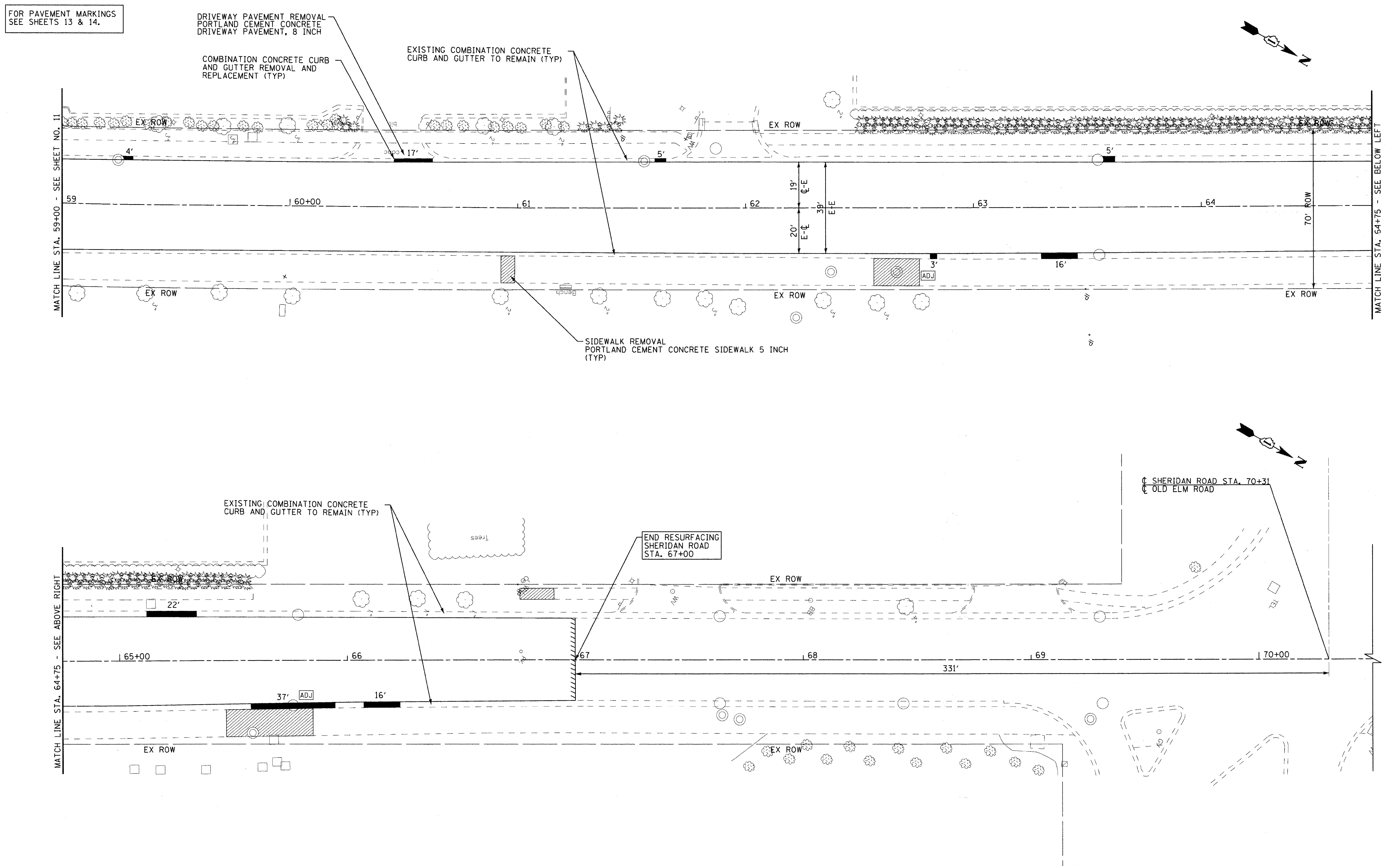
CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

PLAN – SHERIDAN ROAD

SCALE: 1" = 20' | STA. 48+00 TO STA. 59+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	11
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
	ILLINOIS FED. AID PROJECT ARA-9003(457)			



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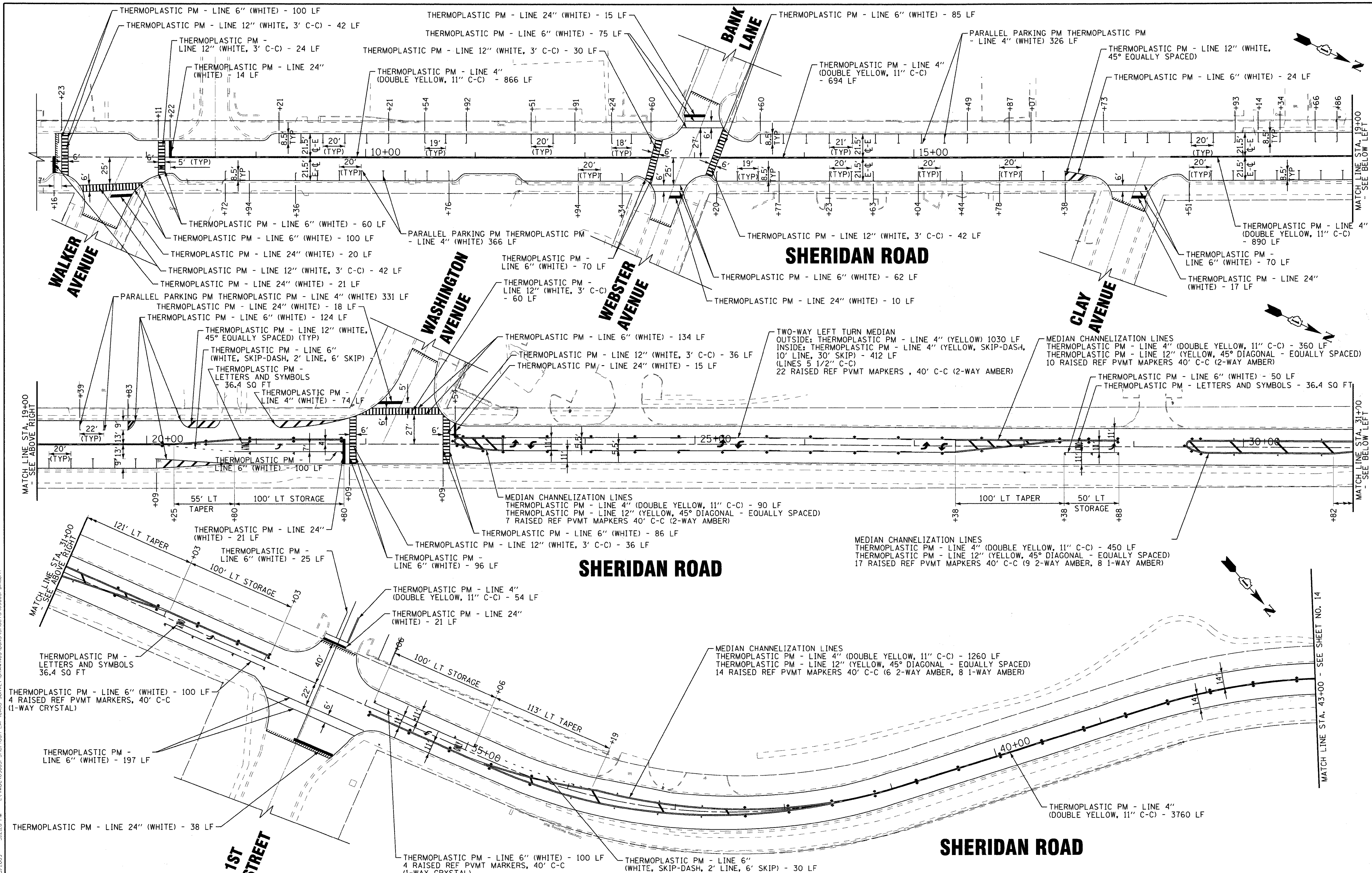
CHECKED - RWL	REVISED -	
DATE - 08-20-09	FILE - 090831-pp6.sht	

CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

PLAN – SHERIDAN ROAD

SCALE: 1" = 20' | STA. 59+00 TO STA. 70+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	12
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
		ILLINOIS	FED. AID PROJECT ARA-9003(457)	


THERMOPLASTIC PM - LINE 6" (WHITE) - 100 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 42 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 24 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 14 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 15 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 75 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 30 LF
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 866 LF
BANK LANE
THERMOPLASTIC PM - LINE 6" (WHITE) - 85 LF
PARALLEL PARKING PM THERMOPLASTIC PM - LINE 4" (WHITE) 326 LF
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 694 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 45° EQUALLY SPACED)
THERMOPLASTIC PM - LINE 6" (WHITE) - 24 LF
10+00
15+00
MATCH LINE STA. 19+00 - SEE BELOW LEFT
THERMOPLASTIC PM - LINE 6" (WHITE) - 60 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 100 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 20 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 42 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 21 LF
PARALLEL PARKING PM THERMOPLASTIC PM - LINE 4" (WHITE) 366 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 70 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 42 LF
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 890 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 70 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 17 LF
SHERIDAN ROAD
THERMOPLASTIC PM - LINE 6" (WHITE) - 62 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 10 LF
WALKER AVENUE
WASHINGTON AVENUE
WEBSTER AVENUE
CLAY AVENUE
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 60 LF
PARALLEL PARKING PM THERMOPLASTIC PM - LINE 4" (WHITE) 331 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 18 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 124 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 45° EQUALLY SPACED) (TYP)
THERMOPLASTIC PM - LINE 6" (WHITE, SKIP-DASH, 2' LINE, 6' SKIP)
THERMOPLASTIC PM - LETTERS AND SYMBOLS - 36.4 SQ FT
THERMOPLASTIC PM - LINE 4" (WHITE) - 74 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 134 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 36 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 15 LF
TWO-WAY LEFT TURN MEDIAN
OUTSIDE: THERMOPLASTIC PM - LINE 4" (YELLOW) 1030 LF
INSIDE: THERMOPLASTIC PM - LINE 4" (YELLOW, SKIP-DASH, 10' LINE, 30' SKIP) - 412 LF
(LINES 5 1/2" C-C)
22 RAISED REF PVMT MARKERS, 40' C-C (2-WAY AMBER)
MEDIAN CHANNELIZATION LINES
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 360 LF
THERMOPLASTIC PM - LINE 12" (YELLOW, 45° DIAGONAL - EQUALLY SPACED)
10 RAISED REF PVMT MARKERS 40' C-C (2-WAY AMBER)
THERMOPLASTIC PM - LINE 6" (WHITE) - 50 LF
THERMOPLASTIC PM - LETTERS AND SYMBOLS - 36.4 SQ FT
MATCH LINE STA. 19+00 - SEE ABOVE RIGHT
20+00
25+00
30+00
MATCH LINE STA. 31+00 - SEE BELOW LEFT
THERMOPLASTIC PM - LINE 6" (WHITE) - 100 LF
55' LT TAPER
100' LT STORAGE
100' LT TAPER
50' LT STORAGE
MEDIAN CHANNELIZATION LINES
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 90 LF
THERMOPLASTIC PM - LINE 12" (YELLOW, 45° DIAGONAL - EQUALLY SPACED)
7 RAISED REF PVMT MARKERS 40' C-C (2-WAY AMBER)
THERMOPLASTIC PM - LINE 24" (WHITE) - 21 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 86 LF
THERMOPLASTIC PM - LINE 12" (WHITE, 3' C-C) - 36 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 25 LF
THERMOPLASTIC PM - LINE 6" (WHITE) - 96 LF
SHERIDAN ROAD
MEDIAN CHANNELIZATION LINES
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 450 LF
THERMOPLASTIC PM - LINE 12" (YELLOW, 45° DIAGONAL - EQUALLY SPACED)
17 RAISED REF PVMT MARKERS 40' C-C (9 2-WAY AMBER, 8 1-WAY AMBER)
MATCH LINE STA. 31+00 - SEE ABOVE RIGHT
121' LT TAPER
100' LT STORAGE
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 54 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 21 LF
THERMOPLASTIC PM - LETTERS AND SYMBOLS 36.4 SQ FT
THERMOPLASTIC PM - LINE 6" (WHITE) - 100 LF
4 RAISED REF PVMT MARKERS, 40' C-C (1-WAY CRYSTAL)
THERMOPLASTIC PM - LINE 6" (WHITE) - 197 LF
THERMOPLASTIC PM - LINE 24" (WHITE) - 38 LF
100' LT STORAGE
113' LT TAPER
35+00
40+00
MEDIAN CHANNELIZATION LINES
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 1260 LF
THERMOPLASTIC PM - LINE 12" (YELLOW, 45° DIAGONAL - EQUALLY SPACED)
14 RAISED REF PVMT MARKERS 40' C-C (6 2-WAY AMBER, 8 1-WAY AMBER)
MATCH LINE STA. 43+00 - SEE SHEET NO. 14
THERMOPLASTIC PM - LINE 4" (DOUBLE YELLOW, 11" C-C) - 3760 LF
1ST STREET
THERMOPLASTIC PM - LINE 6" (WHITE) - 100 LF
4 RAISED REF PVMT MARKERS, 40' C-C (1-WAY CRYSTAL)
THERMOPLASTIC PM - LINE 6" (WHITE, SKIP-DASH, 2' LINE, 6' SKIP) - 30 LF
SHERIDAN ROAD

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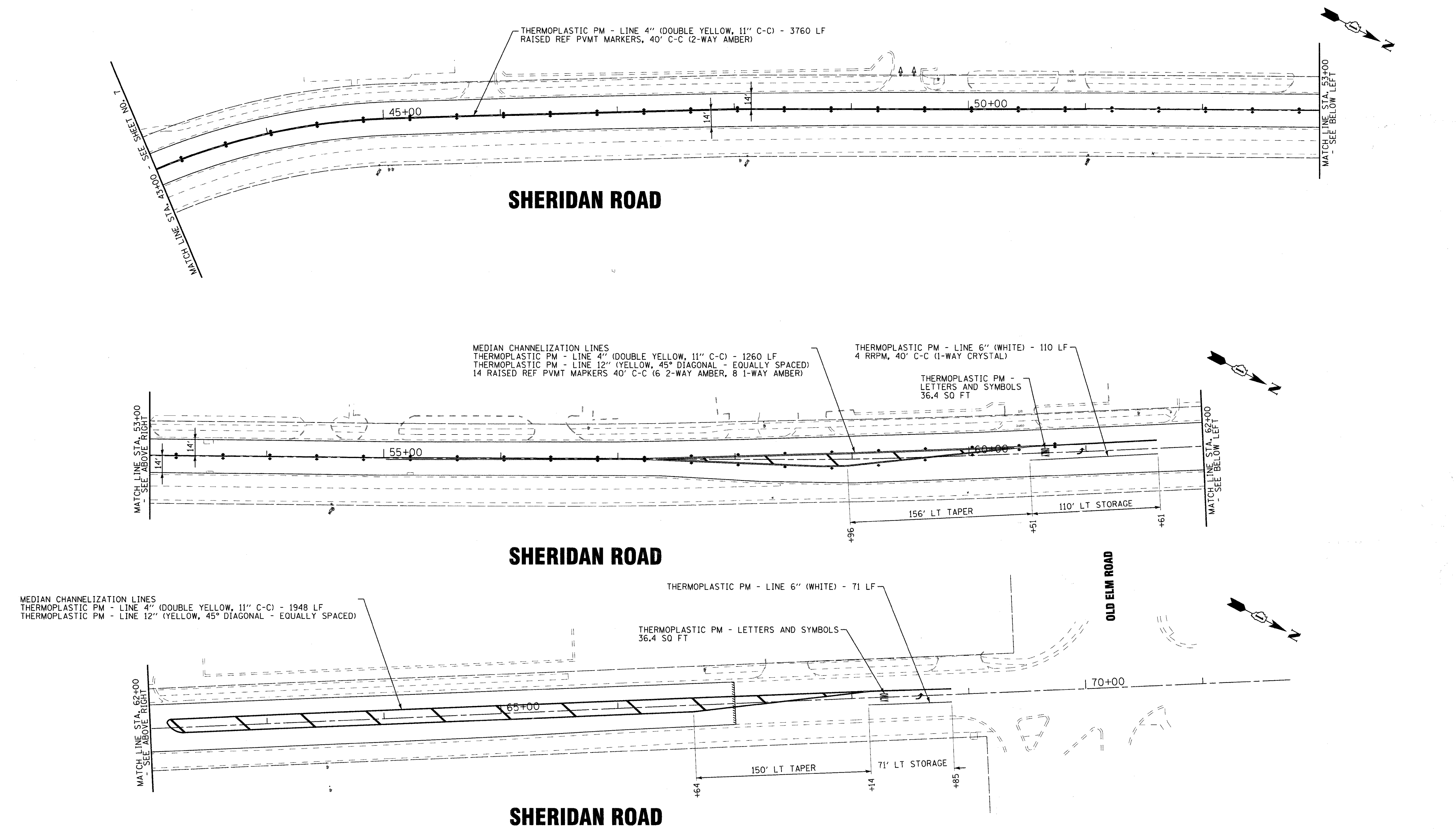
CITY OF HIGHWOOD, ILLINOIS
SHERIDAN ROAD ARRA (LAPP)
RESURFACING

PAVEMENT MARKING PLAN – SHERIDAN ROAD

SCALE: 1" = 40' | STA. 7+00 TO STA. 43+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	13
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
ILLINOIS	FED. AID PROJECT ARA-9003(457)			



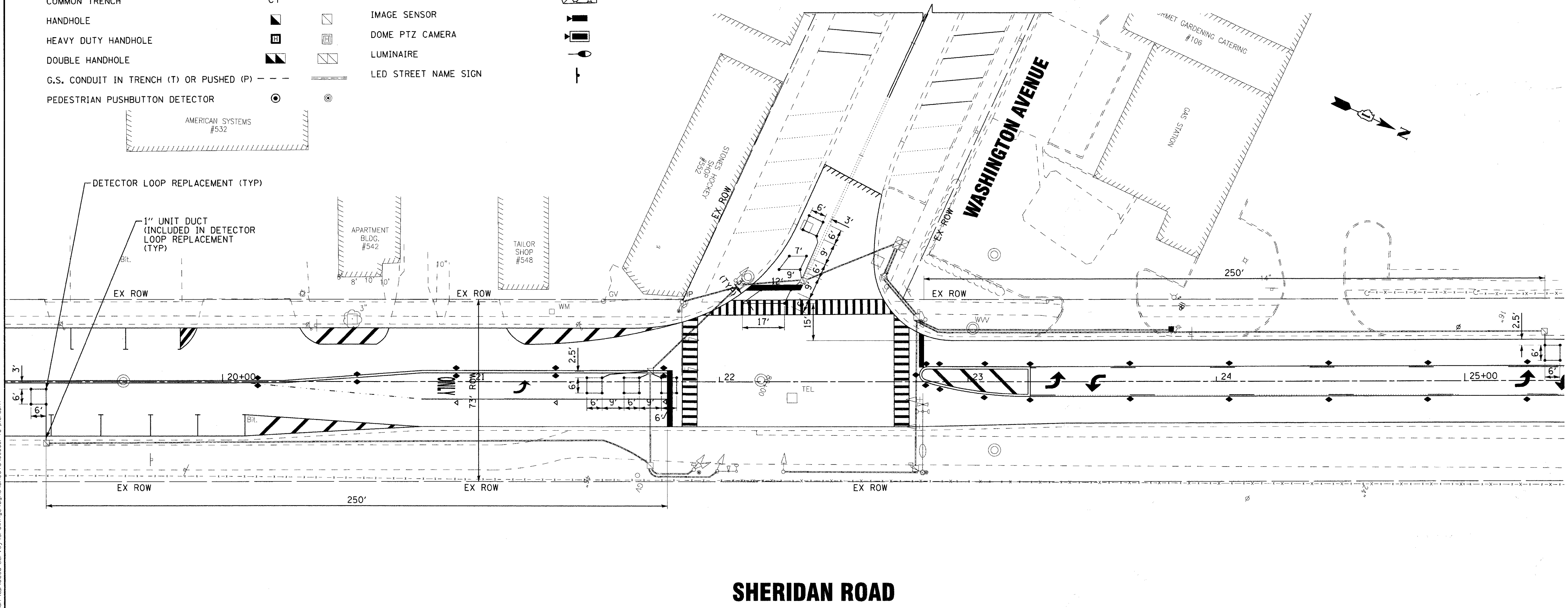
BAXTER & WOODMAN Consulting Engineers	DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	CITY OF HIGHWOOD, ILLINOIS SHERIDAN ROAD ARRA (LAPP) RESURFACING	PAVEMENT MARKING PLAN – SHERIDAN ROAD
	DRAWN - KAR	REVISED -		
	CHECKED - RWL	REVISED -		SCALE: 1" = 40'
	DATE - 08-20-09	FILE - 090831-pm2.sht		STA. 43+00 TO STA. 71+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	14
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
		ILLINOIS	FED. AID PROJECT ARA-9003(457)	

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
UNIT DUCT	UD	
COMMON TRENCH	CT	
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		

	PROPOSED	EXISTING
PEDESTRIAN PUSHBUTTON SIGN		
DETECTOR LOOP		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
CONDUIT SPLICE		
WOOD POLE		"E"
VIDEO DETECTION ZONE		
IMAGE SENSOR		
DOME PTZ CAMERA		
LUMINAIRE		
LED STREET NAME SIGN		



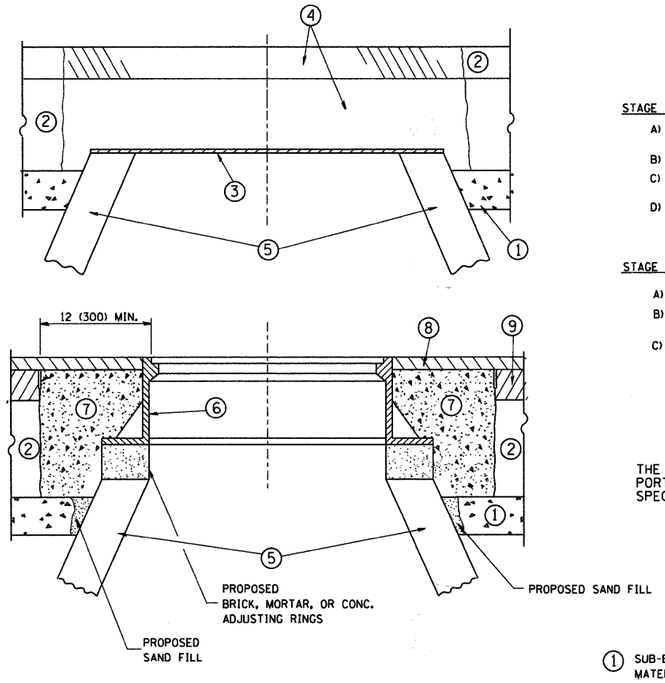
DESIGNED - SLN	REVISED - IDOT REVIEW 10/05/09	CITY OF HIGHWOOD, ILLINOIS
DRAWN - KAR	REVISED -	SHERIDAN ROAD ARRA (LAPP)
CHECKED - RWL	REVISED -	RESURFACING
DATE - 08-20-09	FILE - 090831-TS-plan.sht	

SHERIDAN ROAD AND WASHINGTON AVENUE DETECTOR LOOP REPLACEMENT

SCALE: 1" = 20' STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	15
FED. ROAD DIST. NO. 1 C-91-891-09		CONTRACT NO. 63338		
	ILLINOIS FED. AID PROJECT ARA-9003(457)			

BAXTER & WOODMAN Consulting Engineers



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 1½ (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 SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

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

LEGEND

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

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.

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: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\diststd\22x34\bd08.dgn	USER NAME = gaglionobt	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - R. WIEDEMAN 05-14-04
	PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. BORO 01-01-07

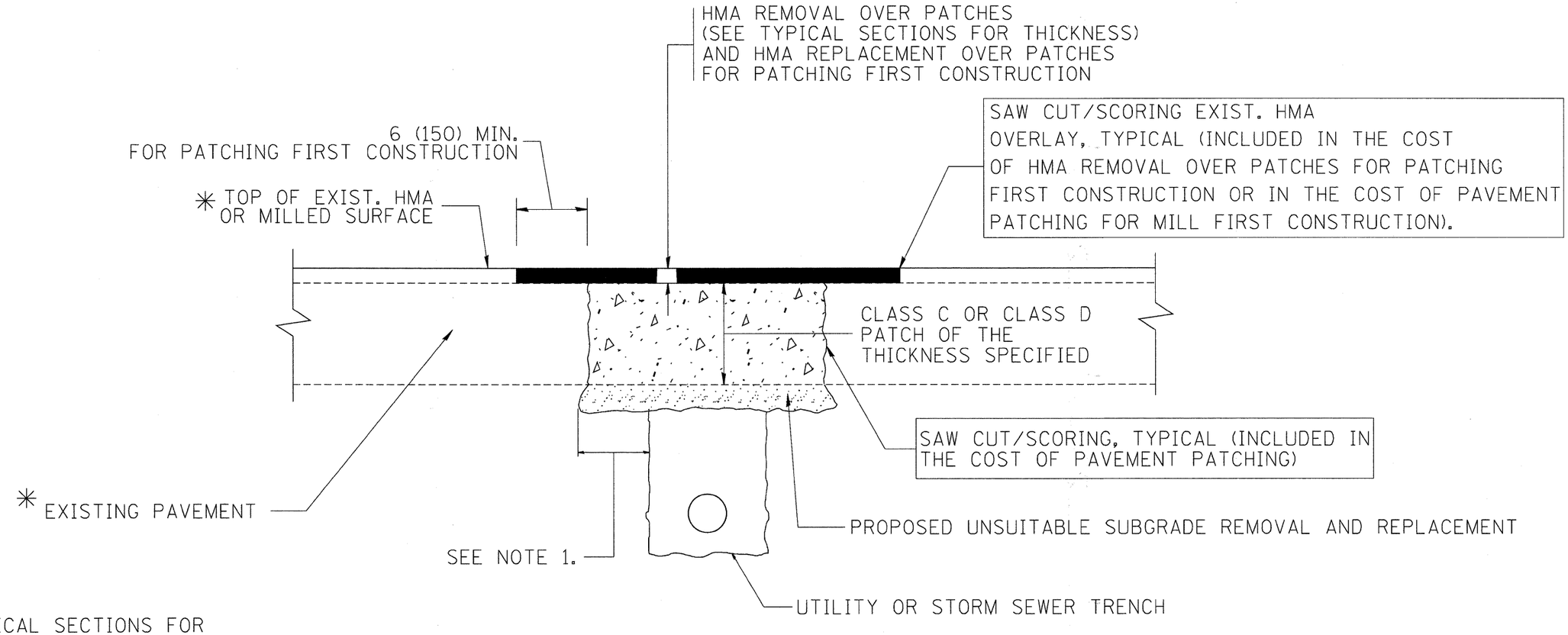
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.
2744	09-00053-00-RS	LAKE	25	16
	BD600-03 (BD-8)	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	ARA-9003(457)	

C-91-891-09



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

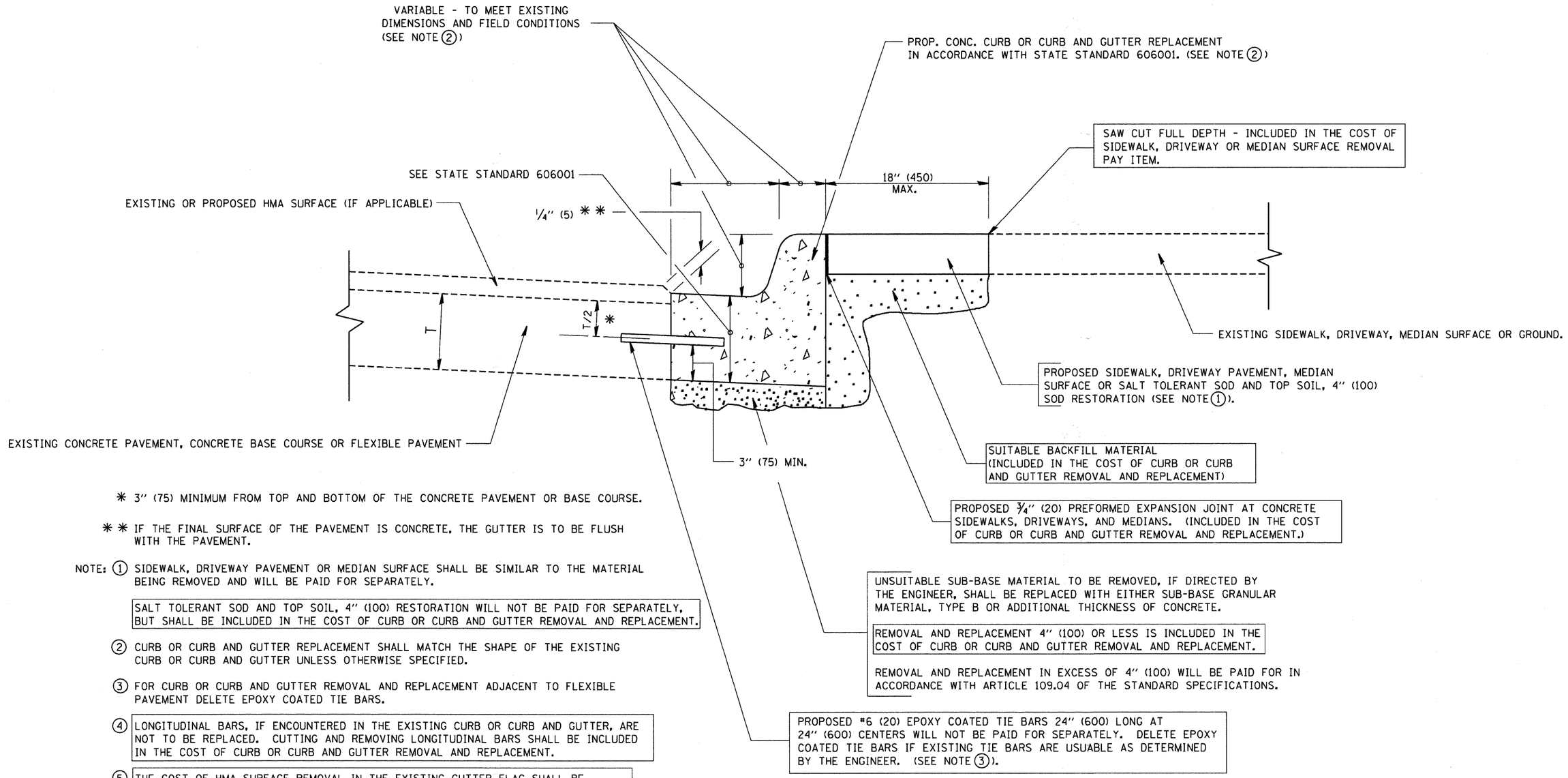
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07					2744	09-00053-00-RS	LAKE	25	17
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07					BD400-04 (BD-22)		CONTRACT NO. 63338		
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	ARA-9003(457)	

C-91-891-09



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

* * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

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

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

(2) CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

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

(4) LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

(5) THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

(6) THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

(7) THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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:\diststd\22x34\bd24.dgn	USER NAME = gaglionobt	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 1/4/2008	DATE - 03-11-94	REVISED - R. BORO 01-01-07

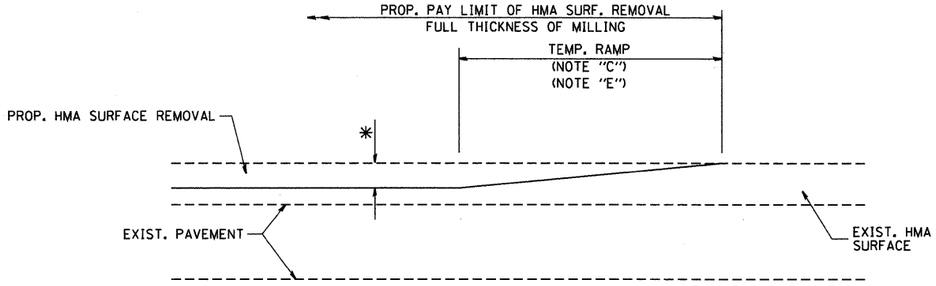
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	18
	BD600-06 (BD-24)	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

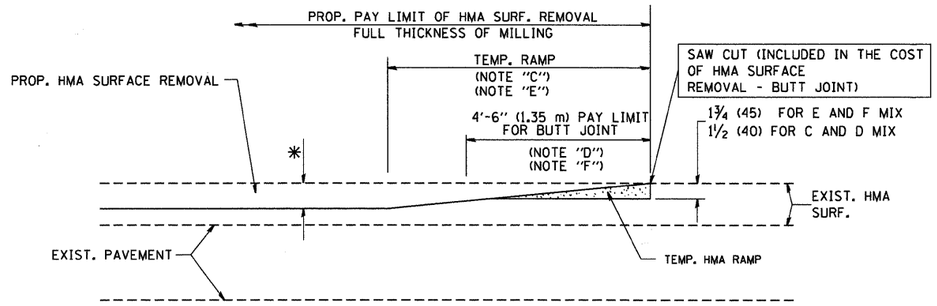
C-91-891-09



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

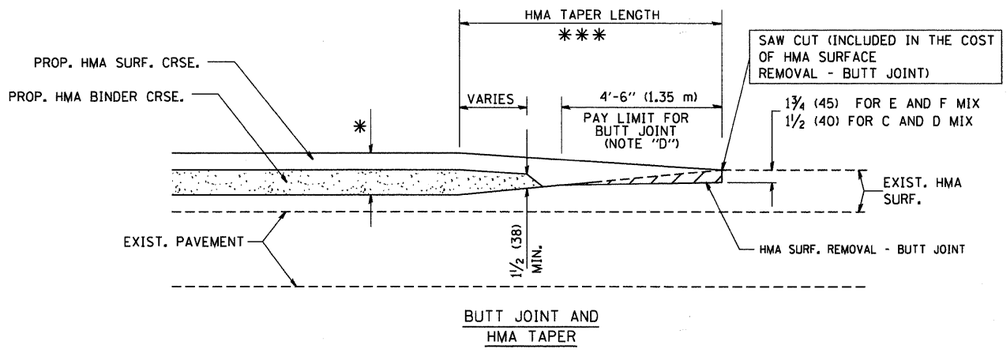


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

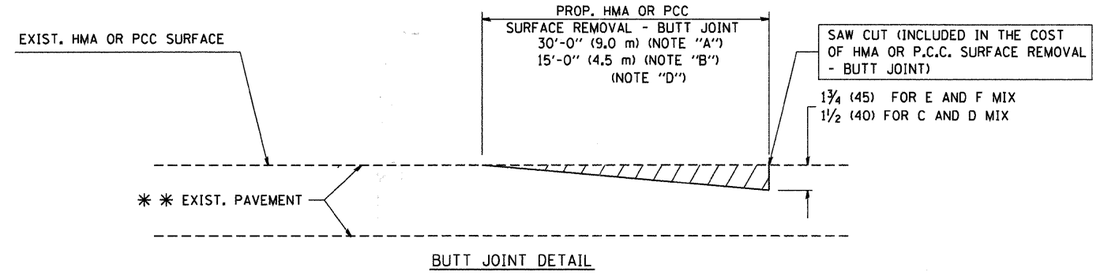
OPTION 2

TYPICAL TEMPORARY RAMP

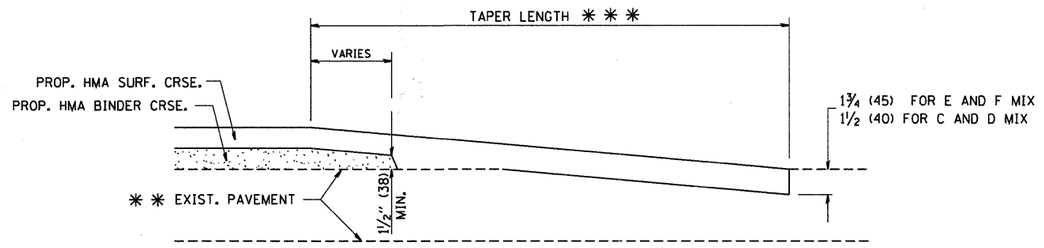


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

* * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

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

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

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglionbt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

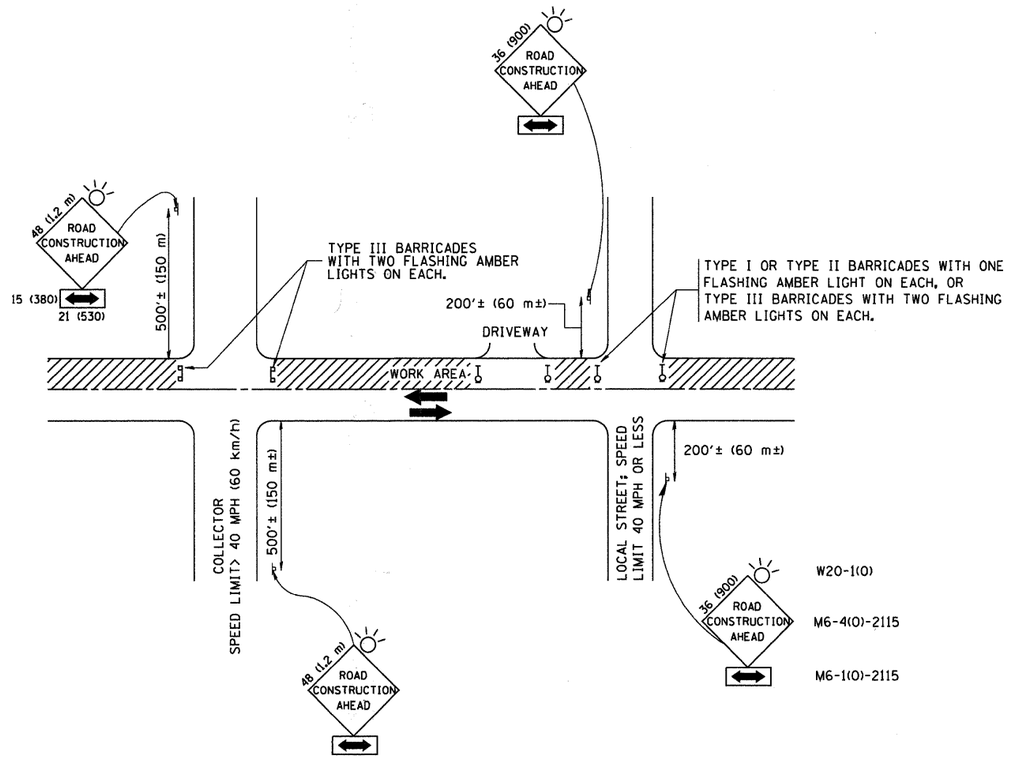
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	19
	BD400-05 BD32	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

C-91-891-09



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\22x34\tc10.dgn	USER NAME = gaglionobt	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

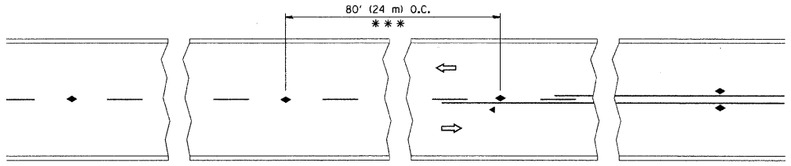
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

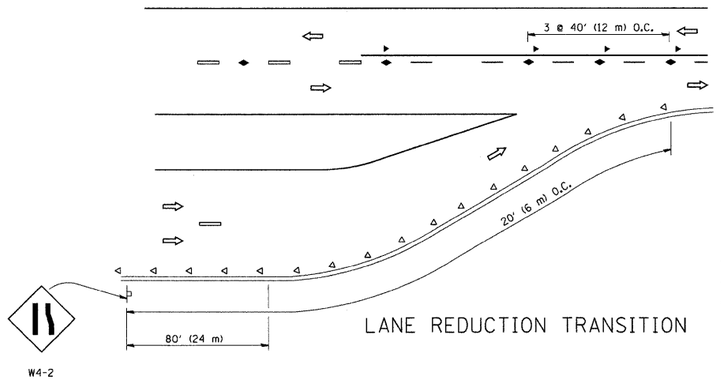
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	20
	TC-10	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

C-91-891-09

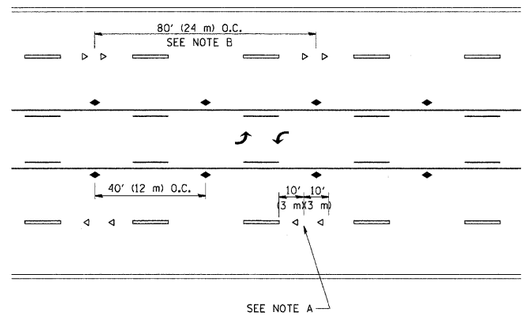


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

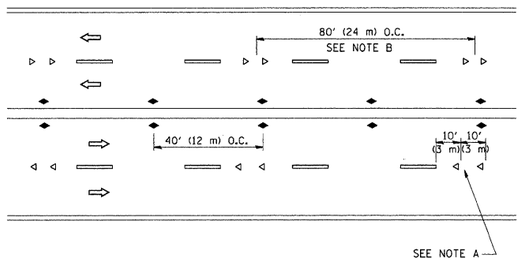
TWO-LANE/TWO-WAY



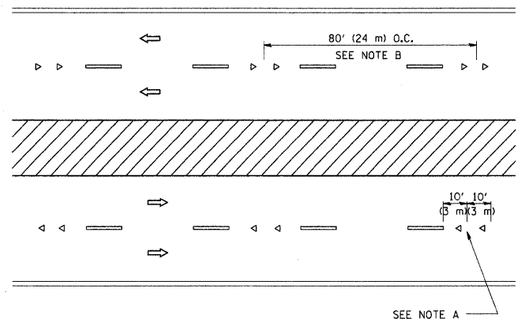
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

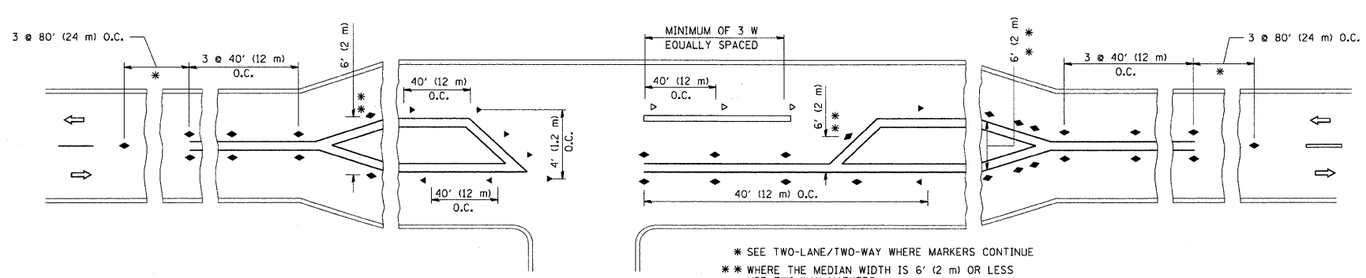
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

FILE NAME = c:\pw_work\pwidot\drivakosgn\d0108315\tc11.dgn	USER NAME = drivakosgn	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 9/9/2009	DATE -	REVISED - C. JUCIUS 09-09-09

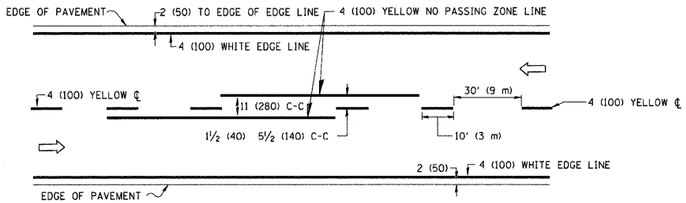
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

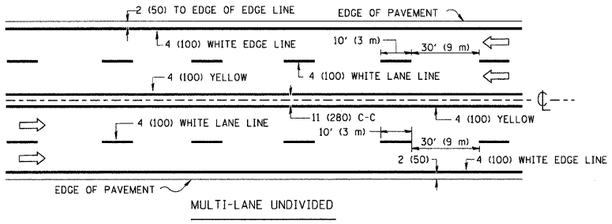
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	20A
	TC-11	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

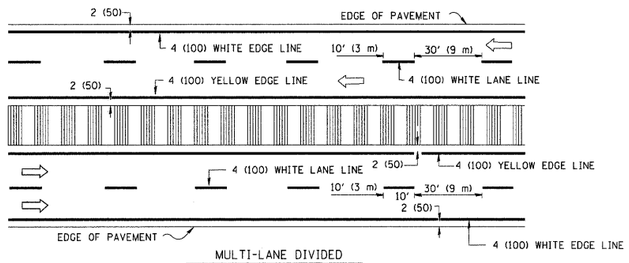
C-91-891-09



2-LANE ROADWAY



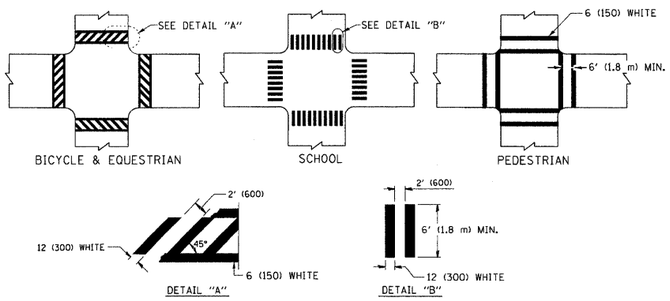
MULTI-LANE UNDIVIDED



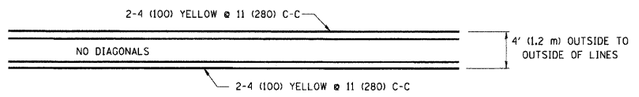
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

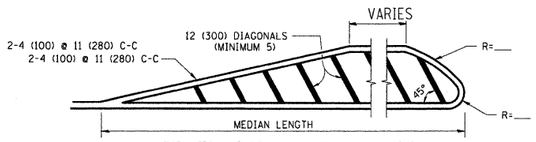
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



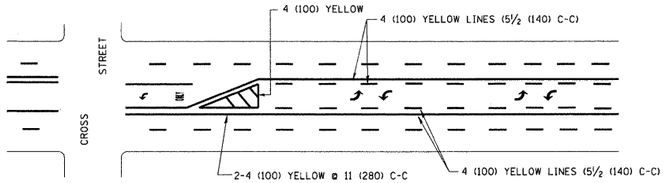
4' (1.2 m) WIDE MEDIANS ONLY



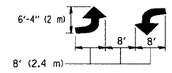
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

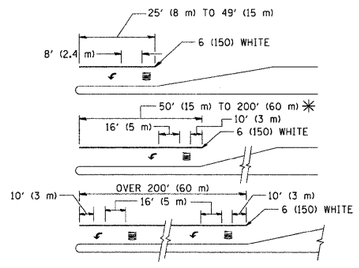


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

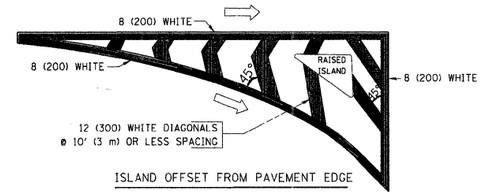


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

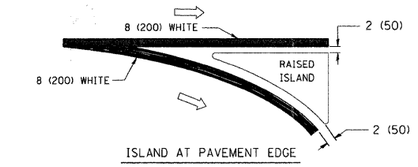
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

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	5½ (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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 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	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))

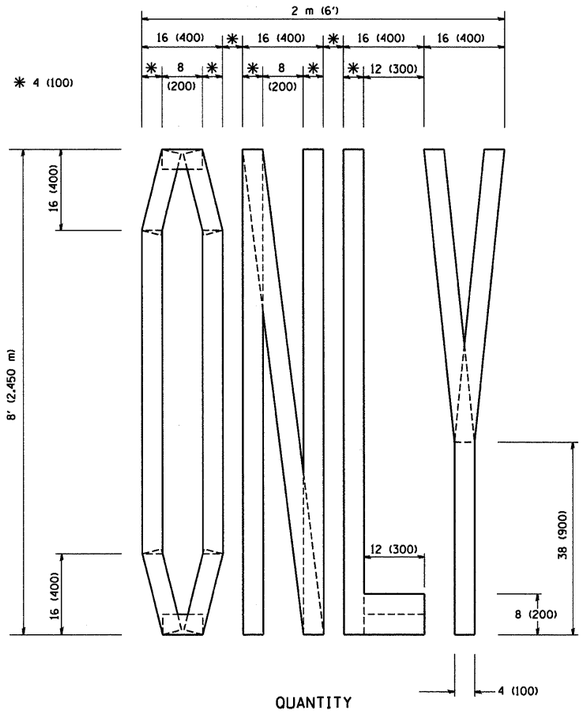
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

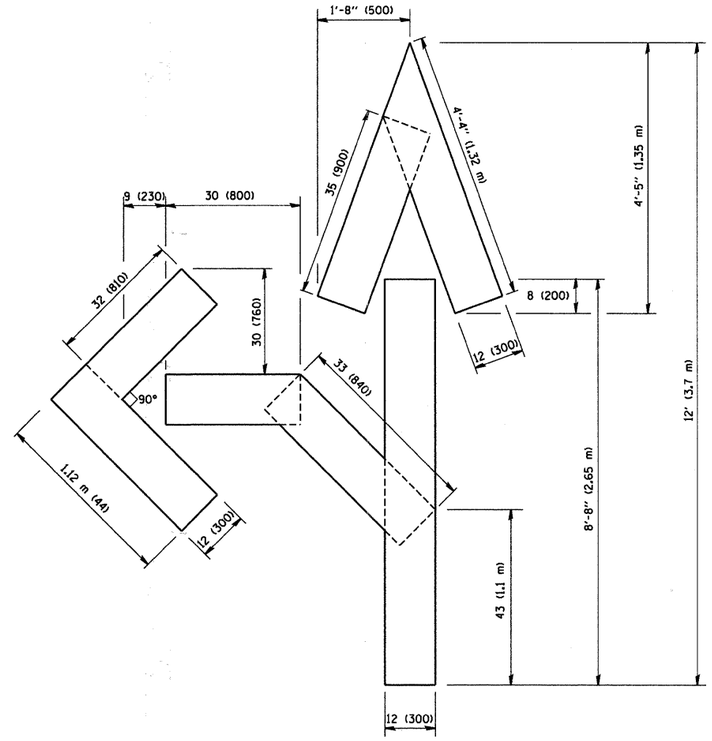
FILE NAME = c:\pw_work\pwidot\drivakosgn\d0108315\tc13.dgn	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE**
	PLOT SCALE = 50.000 ' / IN.	DRAWN -	REVISED -C. JUCIUS 09-09-09		**TYPICAL PAVEMENT MARKINGS**
	PLOT DATE = 9/9/2009	CHECKED -	REVISED -		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.
		DATE - 03-19-90	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	21
	TC-13	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

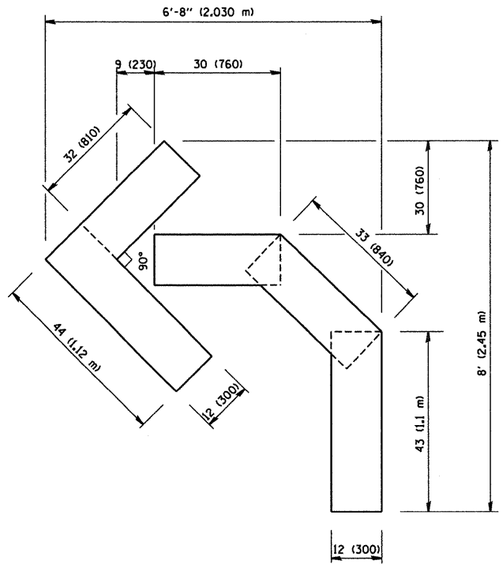
C-91-891-09



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.

FILE NAME = W:\diststd\22x34\tc16.dgn	USER NAME = gaglienobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	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

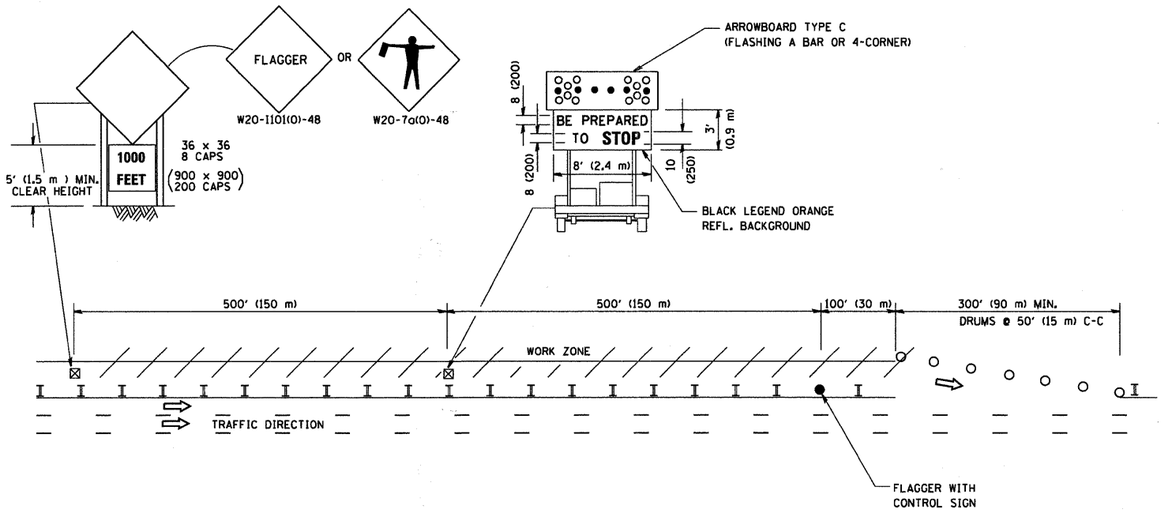
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	22
	TC-16	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003 (457)		

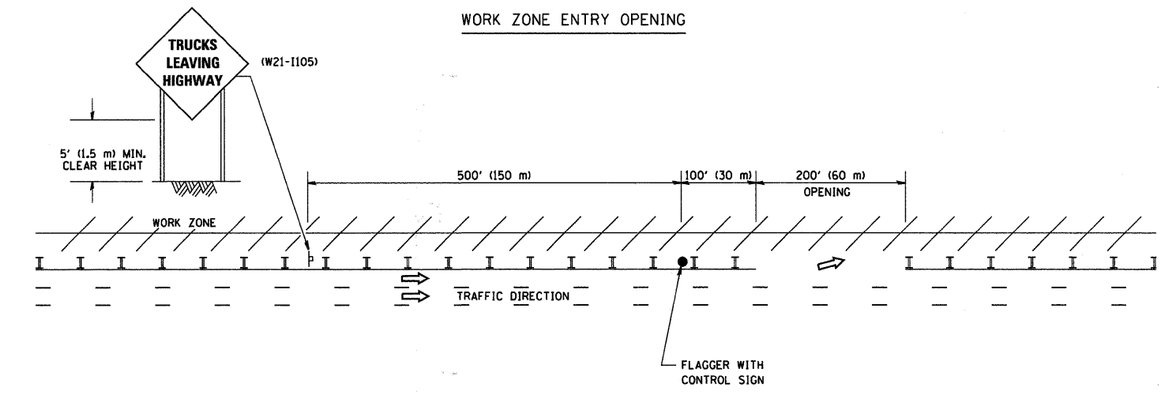
C-91-891-09

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\diststd\22x34\tc18.dgn	USER NAME = gaglsnobt	DESIGNED -	REVISED - D.W.S. 08-98
		DRAWN -	REVISED - J.A.F. 04-03
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - J.A.F. 02-06
	PLOT DATE = 1/4/2008	DATE -	REVISED - S.P.B. 01-07

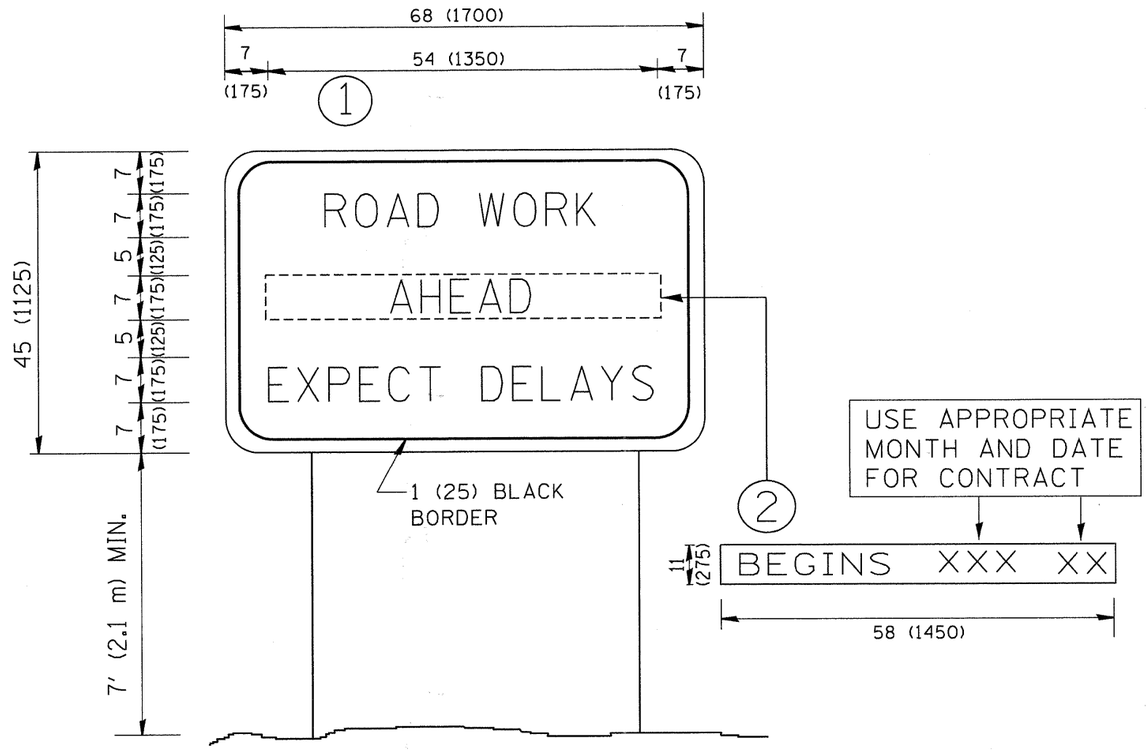
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	23
	TC-18	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

C-91-891-09



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\tc22.dgn	USER NAME = gaglionabt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

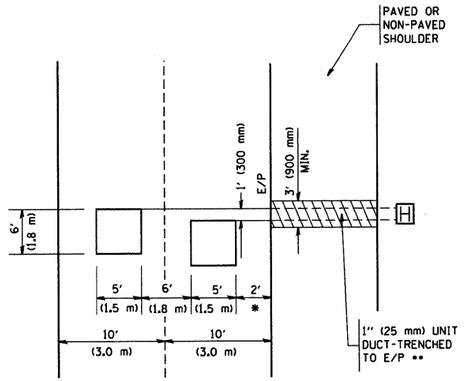
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	09-00053-00-RS	LAKE	25	24
	TC-22	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(457)		

C-91-891-09

LOOPS NEXT TO SHOULDERS

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

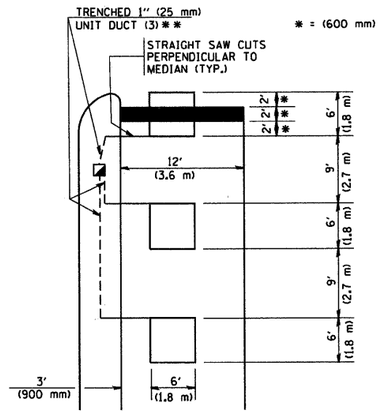


* = (600 mm)

** 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)

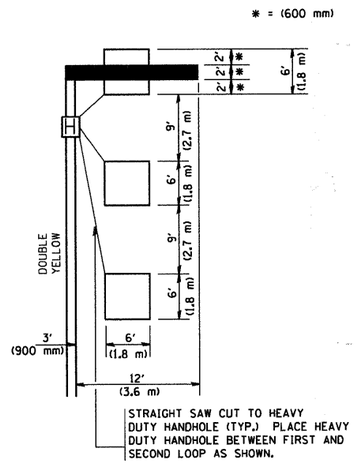
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



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

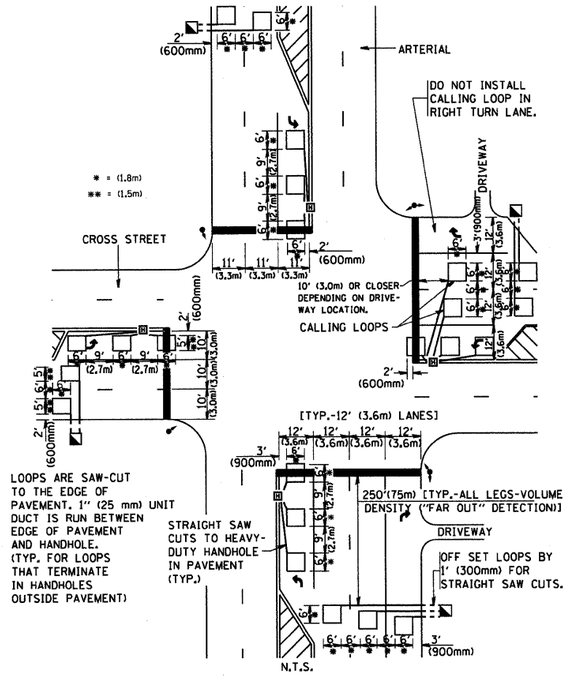
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



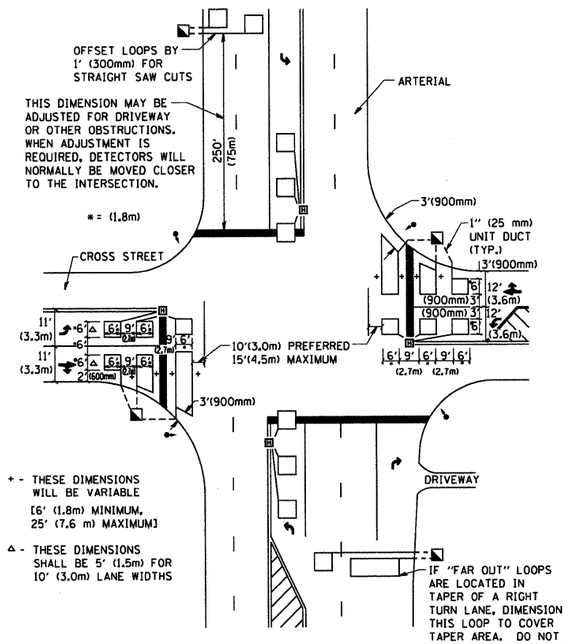
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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 SEPARATLY. 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 = gaglionobt	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - R.K.F.	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

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.
2744	09-00053-00-RS	LAKE	25	25
	TS-07	CONTRACT NO. 63338		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	ARA-9003(457)	

C-91-891-09