

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

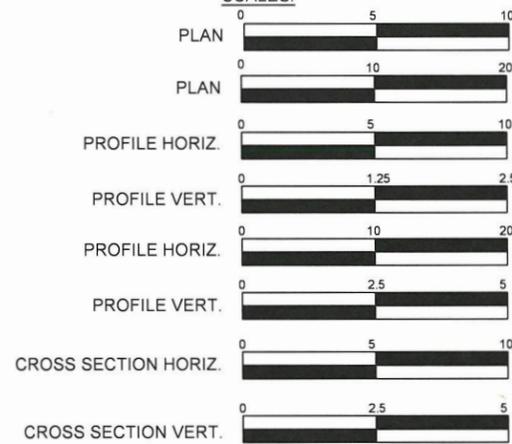
**LIBERTY STREET  
EMERGENCY RELIEF REPAIRS  
SECTION 20-00012-01-PV  
PROJECT NO. X924(844)  
RANDOLPH COUNTY  
JOB NO. C-98-111-20  
EMERGENCY RELIEF PROGRAM  
R 8 W**

F.A.S. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAS 0862	20-00012-01-PV	RANDOLPH	8	1
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT			CONTRACT 97757	

INDEX OF SHEETS

- 1 COVER
- 2 GENERAL NOTES & HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULES
- 5-6 TYPICAL SECTIONS
- 7 PLAN VIEW
- 8 REMOVAL PLAN

SCALES:



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LOCATION MAP (NTS)

LENGTH OF IMPROVEMENT

NET LENGTH LIBERTY STREET	- STA. 11+73.76 TO 20+31.79	- 858.03 FT. = 0.163 MI.
GROSS LENGTH LIBERTY STREET	- STA. 11+73.76 TO 20+31.79	- 858.03 FT. = 0.163 MI.

LIBERTY STREET  
 ROADWAY DESIGNATION: MAJOR COLLECTOR  
 DESIGN SPEED: 30 MPH  
 CURRENT ADT: 1769 VPD  
 DESIGN YEAR (2031) ADT: 1954 VPD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED: 3-26-21 DATE  
*Ernest V. Becker*  
 MAYOR, VILLAGE OF EVANSVILLE

PASSED: 3-31-21 DATE  
*[Signature]*  
 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS  
 PROJECT IMPLEMENTATION ENGINEER

RELEASED FOR BID  
 BASED ON LIMITED REVIEW: 3-31-21 DATE  
*[Signature]*  
 REGION FIVE ENGINEER

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PRIOR TO DIGGING,  
CONTRACTOR IS TO CALL J.U.L.I.E.  
AT 800.892.0123 TO VERIFY LOCATION  
AND ELEVATION OF EXISTING  
UNDERGROUND UTILITIES

PREPARED BY:  
  
 GONZALEZ COMPANIES, LLC  
 545 WEST MAIN STREET  
 SUITE 125  
 BELLEVILLE, IL 62220  
 PHONE: (618) 222-2221  
 WWW.GONZALEZCOS.COM  
 ILLINOIS PROFESSIONAL DESIGN FIRM 184.004564

Anthony A. Schenk  
3/26/21  
 Date of Signing  
**11/30/21**  
 Date of License Expiration

I:\Projects\2021\19-10-121\_Liberty\_Street\_Emergency\_Relief\_Repair\20\_Design\CAAD\SHEETS\19-121\_COVER.dwg  
 Plotted: 3/23/2021 10:04 AM  
 Plotted By: Ian Gunn

F.A.S. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAS 0862	20-00012-01-PV	RANDOLPH	8	2
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT			CONTRACT 97757	

**GENERAL NOTES**

- 1.) "ROAD CONSTRUCTION AHEAD" AND/OR "ROAD CLOSED AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48"X48".
- 2.) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 3.) WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER.
- 4.) THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT PAY ITEMS.
- 5.) CONTRACTOR SHALL DELIVER THE MILLED HOT-MIX ASPHALT SURFACE MATERIAL TO LOCATION(S) WITHIN THE VILLAGE LIMITS AS DIRECTED BY THE ENGINEER. ALL SURPLUS MATERIALS NOT DESIRED TO BE RETAINED BY THE VILLAGE SHALL BE HAULED FROM THE SITE AND DISPOSED OF, IN A LEGAL MANNER. ALL OTHER DEBRIS RESULTING FROM THE CONSTRUCTION OPERATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR. THE COST FOR COMPLYING WITH THIS CONDITION SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.
- 6.) THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THOSE LOCATIONS DURING MILLING OPERATIONS TO AVOID DAMAGE. IF ANY CASTINGS ARE DAMAGED DURING THE MILLING OPERATIONS THE CONTRACTOR SHALL REPLACE THEM UTILIZING NEW MATERIALS AT NO ADDITIONAL COST TO THE CONTRACT.
- 7.) THE CONTRACTOR SHALL MILL THE ENTIRE SURFACE AND VERIFY PAVEMENT REPAIR AREAS IN THE FIELD WITH THE ENGINEER PRIOR TO CONDUCTING ANY PAVEMENT REPAIR .
- 8.) FACTORS USED FOR APPLICATION RATES AND QUANTITY CALCULATIONS ARE AS FOLLOWS:

PAVING	
ALL HOT-MIX ASPHALT	0.056 TONS/SQ YD/INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.05 LBS/SQ FT (HMA, PCC)
	0.25 LBS/SQ FT (AGG)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS/ SQ FT (FOG COAT)
AGGREGATE BASE COURSE	0.0555 TONS/SQ YD/INCH

**COMMITMENTS**

1. NO COMMITMENTS AT THIS TIME.

MIXTURE REQUIREMENTS THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		
LOCATION (S):	VILLAGE OF EVANSVILLE	
MIXTURE USE	SURFACE COURSE	BINDER COURSE
AC/PG:	PG 70-22	PG 64-22
RAP %: (MAX)	SEE SP. PROV.	SEE SP. PROV.
DESIGN AIR VOIDS:	4.0% @ NDES=70	4.0% @ NDES=70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICITION AGGREGATE:	MIXTURE C	

**APPLICABLE IDOT HIGHWAY STANDARDS**

701311-03  
701501-06  
701901-08  
BLR 21-9

**UTILITIES**

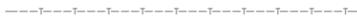
HARRISONVILLE TELEPHONE CO  
ATTN: THOMAS SCHRIEBER  
213 S. MAIN ST. P.O. BOX 149  
WATERLOO, IL 62298  
(618)939-9256

VILLAGE OF EVANSVILLE (WATER/ SEWER)  
ATTN: ED BRAUN, SUPERINTENDENT  
403 SPRING STREET  
EVANSVILLE, IL 62242  
(618)853-2613

CLEARWAVE COMMUNICATIONS  
1100 NORTH GOLF ROAD  
MARION, IL 62959  
(877)552-9283

AMEREN IP (ELECTRIC & GAS)  
315 VINE STREET  
SPARTA, IL 62286  
(618)443-2277

**LEGEND**

- TREE LINE 
- EXISTING EASEMENT 
- EXISTING RIGHT-OF-WAY 
- EXISTING PROPERTY LINE 
- EXISTING WATER MAIN 
- EXISTING WATER SERVICE 
- EXISTING WATER METER 
- EXISTING WATER VALVE 
- EXISTING FIRE HYDRANT 
- EXISTING SANITARY SEWER 
- EXISTING SANITARY SERVICE 
- EXISTING STORM SEWER 
- EXISTING MANHOLE 
- EXISTING STORM INLET 
- EXISTING UTILITY BOXES 
- EXISTING ELECTRIC 
- EXISTING GAS MAIN 
- EXISTING CABLE TV 
- EXISTING TELEPHONE 
- EXISTING IRRIGATION SYSTEM 
- EXISTING CONTOURS 
- EXISTING TREE 
- EXISTING POWER POLE 
- EXISTING LIGHT POLE 
- EXISTING LAMP POST 
- EXISTING SIGN POST 

F.A.S. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAS 0862	20-00012-01-PV	RANDOLPH	8	3
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT			CONTRACT 97757	

### SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	102
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	307
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	691
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	502
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	69
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	250
44000100	PAVEMENT REMOVAL	SQ YD	307
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	2231
60255500	MANHOLES TO BE ADJUSTED	EACH	1
67100100	MOBILIZATION	LUMP SUM	1
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1723
X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	138
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LUMP SUM	1

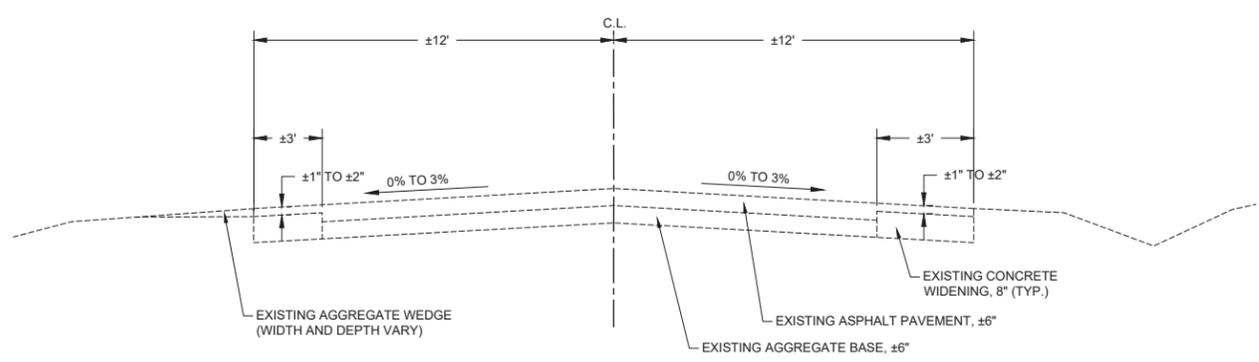
Δ SPECIALTY ITEMS

F.A.S. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAS 0862	20-00012-01-PV	RANDOLPH	8	4
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT			CONTRACT 97757	

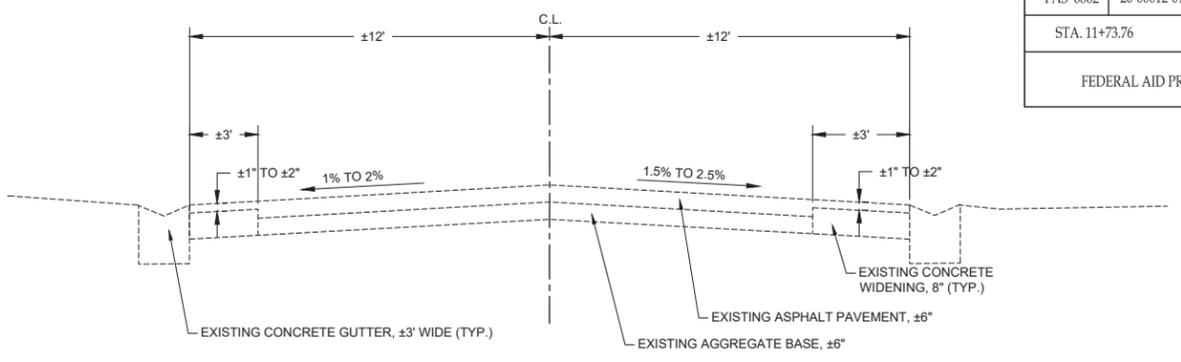
PAVING SCHEDULE									
LOCATION	EARTH EXCAVATION	AGGREGATE BASE COURSE, TYPE A, 4"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HMA BINDER COURSE, IL-19.0, N70	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PAVEMENT REMOVAL	HMA SURFACE REMOVAL, 2"	AGGREGATE BASE REPAIR (SPECIAL)
	CU. YD.	SQ. YD.	POUND	POUND	TON	TON	SQ. YD.	SQ. YD.	TON
STA. 11+73.76 TO STA. 20+31.79				502		250		2231	
STA. 15+74 TO STA. 16+60 (1)	30	91	204		20		91		41
STA. 15+74 TO STA. 16+60 (2)	38	115	258		26		115		51
STA. 16+60 TO STA. 16+89 (3)	13	39	87		9		39		17
STA. 16+89 TO STA. 17+51 (4)	11	34	78		8		34		15
STA. 17+47 TO STA. 17+90 (5)	10	29	65		6		29		13
TOTALS	102	307	691	502	69	250	307	2231	138

PAINT PAVEMENT MARKING SCHEDULE		
LOCATION	4" - SOLID WHITE EDGE LINE	4" - SKIP-DASH YELLOW LINE
	(FOOT)	(FOOT)
LIBERTY STREET		
STA. 11+73.76 TO STA. 20+31.79		215
STA. 11+73 TO STA. 14+62	580	
STA. 15+09 TO STA. 17+43	470	
STA. 17+87 TO STA. 20+16	458	
SUBTOTAL	1508	215
TOTAL	1723	

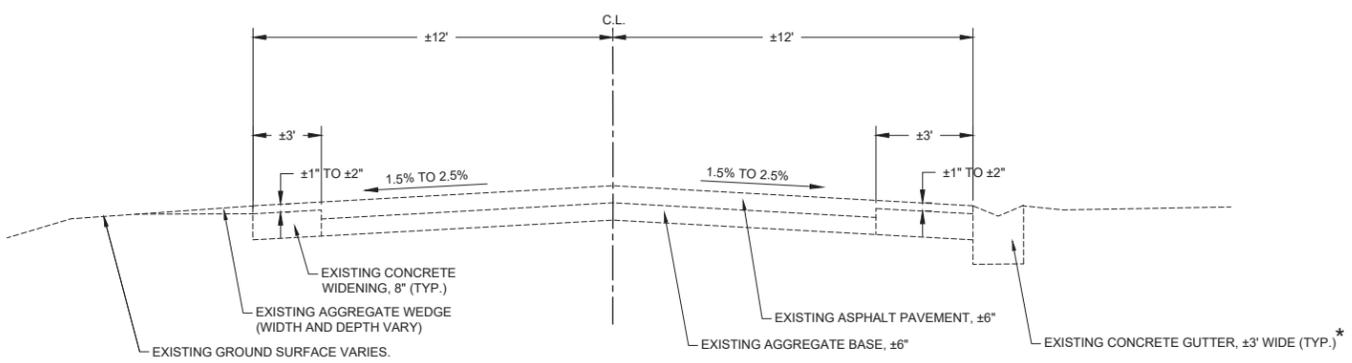
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FAS 0862	20-00012-01-PV	RANDOLPH	8	5
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT		CONTRACT 97757		



LIBERTY STREET EXISTING  
TYPICAL SECTION (NO GUTTER)  
NOT TO SCALE  
STA. 11+73.76 TO STA. 13+85

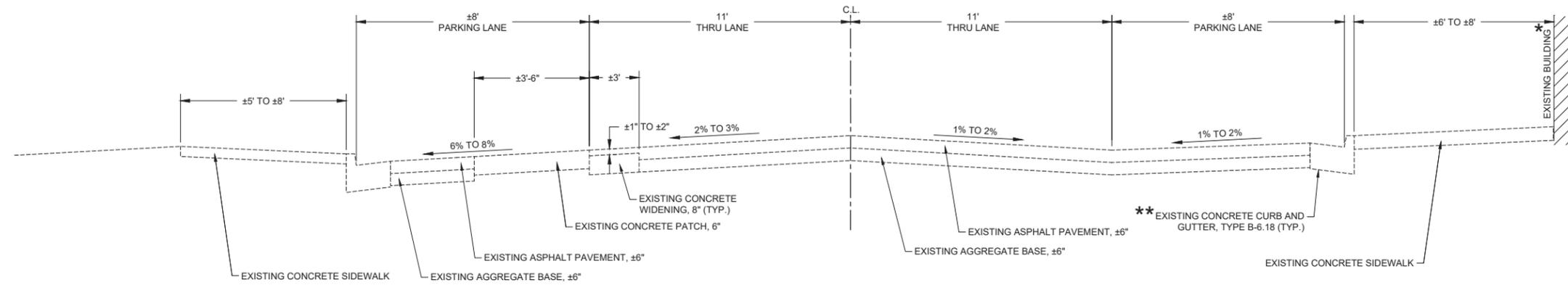


LIBERTY STREET EXISTING  
TYPICAL SECTION (GUTTER BOTH SIDES)  
NOT TO SCALE  
STA. 13+85 TO STA. 14+85



LIBERTY STREET EXISTING  
TYPICAL SECTION (GUTTER RIGHT SIDE ONLY)  
NOT TO SCALE  
STA. 14+85 TO STA. 17+65

\* CONCRETE GUTTER BEGINS STA. 15+95, RT.

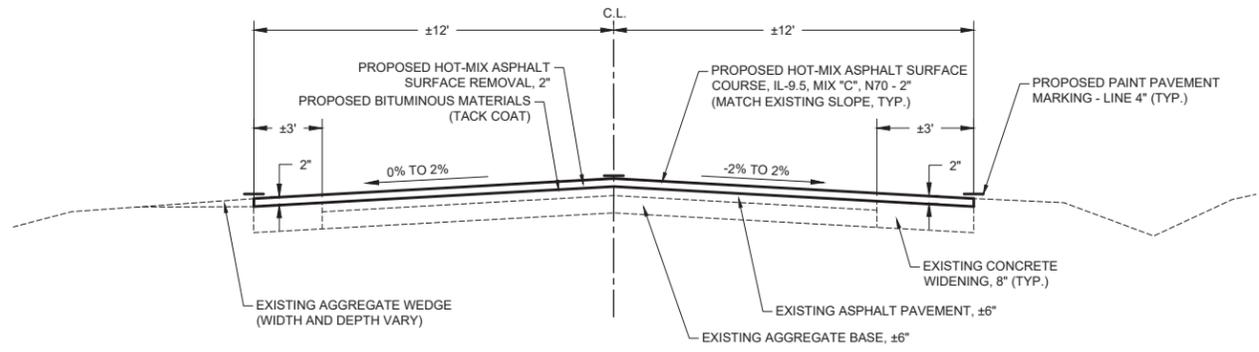


LIBERTY STREET EXISTING  
TYPICAL SECTION (PARKING LANES BOTH SIDES)  
NOT TO SCALE  
STA. 17+65 TO STA. 20+31.79

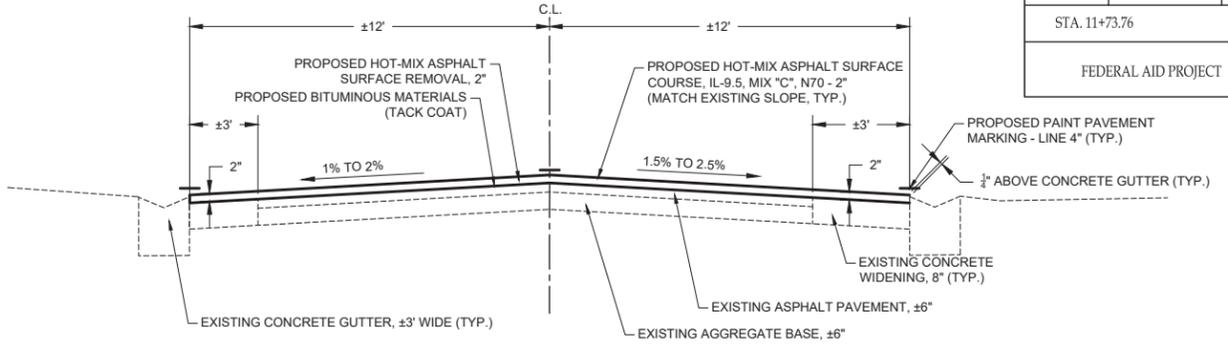
\* SEE PLANS FOR EXACT LOCATIONS  
\*\* BARRIER CURB STA. 19+53 TO STA. 20+16, RT.

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Plotted By: Ian Gunn

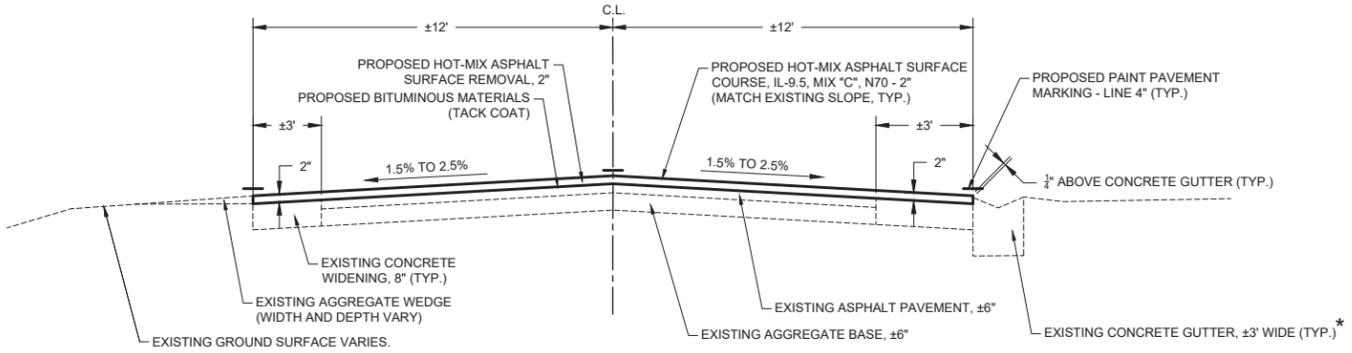
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FAS 0862	20-00012-01-PV	RANDOLPH	8	6
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT		CONTRACT 97757		



**LIBERTY STREET PROPOSED  
TYPICAL SECTION (NO GUTTER)**  
NOT TO SCALE  
STA. 11+73.76 TO STA. 13+85

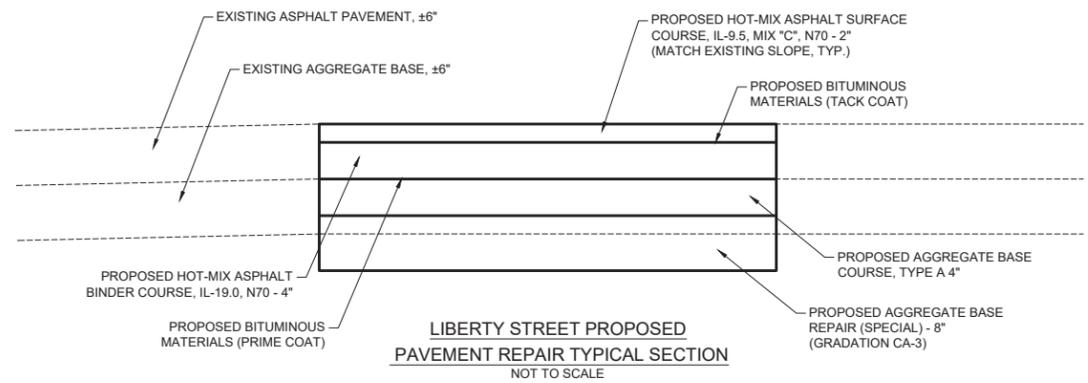


**LIBERTY STREET PROPOSED  
TYPICAL SECTION (GUTTER BOTH SIDES)**  
NOT TO SCALE  
STA. 13+85 TO STA. 14+85



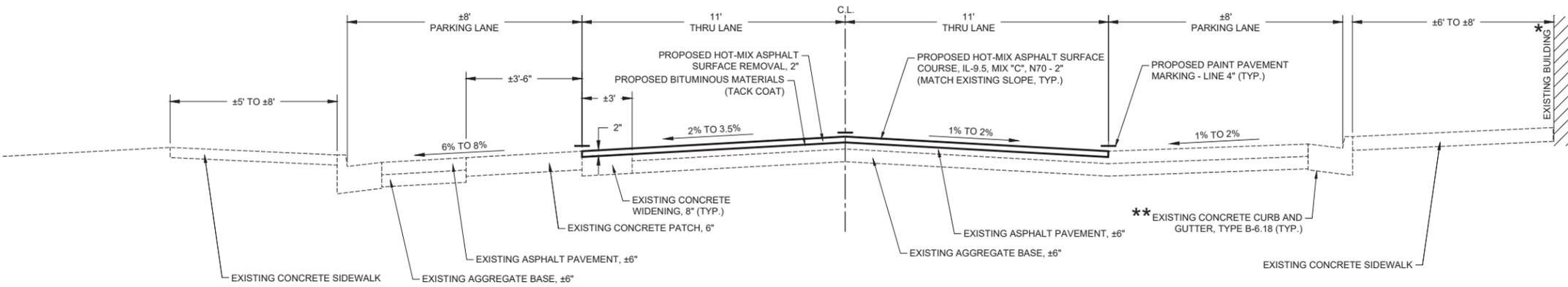
**LIBERTY STREET PROPOSED  
TYPICAL SECTION (GUTTER RIGHT SIDE ONLY)**  
NOT TO SCALE  
STA. 14+85 TO STA. 17+65

\* CONCRETE GUTTER BEGINS STA. 15+95, RT.



**LIBERTY STREET PROPOSED  
PAVEMENT REPAIR TYPICAL SECTION**  
NOT TO SCALE

NOTE: PAID FOR UTILIZING THE NOTED PROPOSED PAY ITEMS AS WELL AS THE FOLLOWING REMOVAL ITEMS:  
 • PAVEMENT REMOVAL (ASSUMED TO BE 6" THICK)  
 • EARTH EXCAVATION (ASSUMED TO BE 12" THICK)

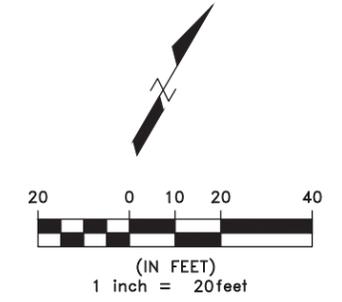
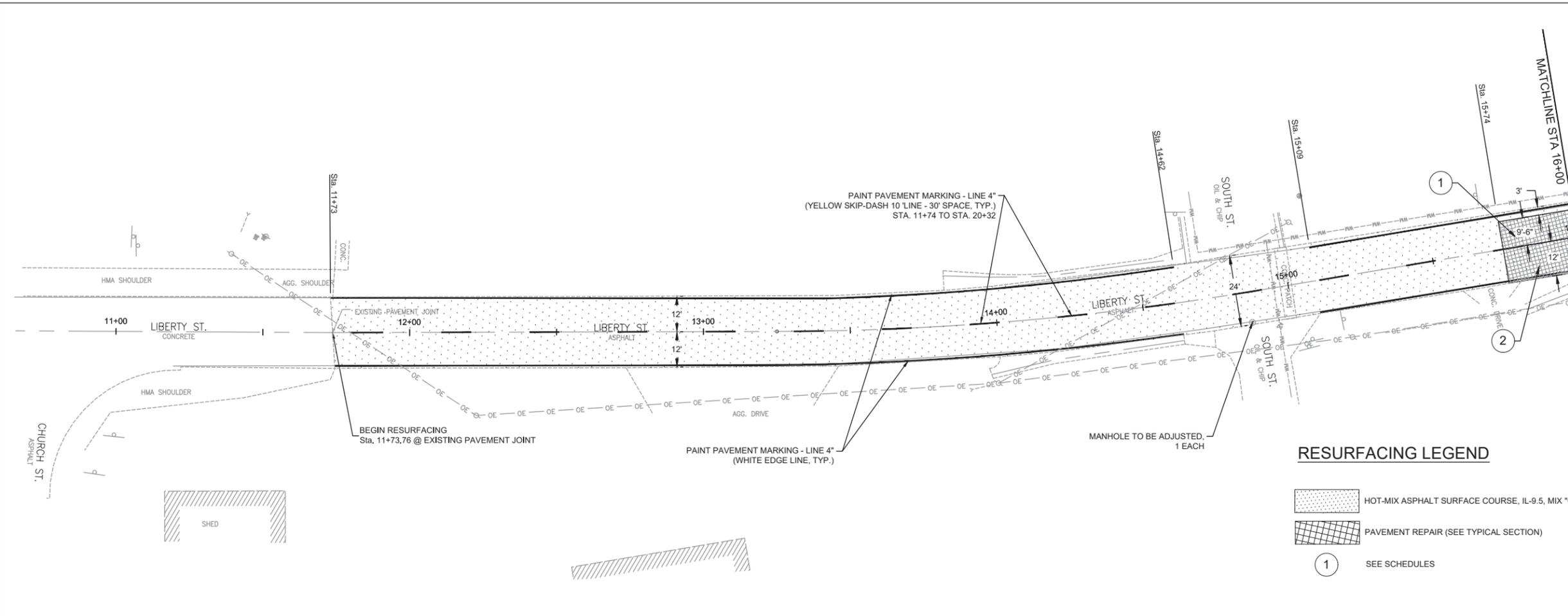


**LIBERTY STREET PROPOSED  
TYPICAL SECTION (PARKING LANES BOTH SIDES)**  
NOT TO SCALE  
STA. 17+65 TO STA. 20+31.79

\* SEE PLANS FOR EXACT LOCATIONS  
 \*\* BARRIER CURB STA. 19+53 TO STA. 20+16, RT.

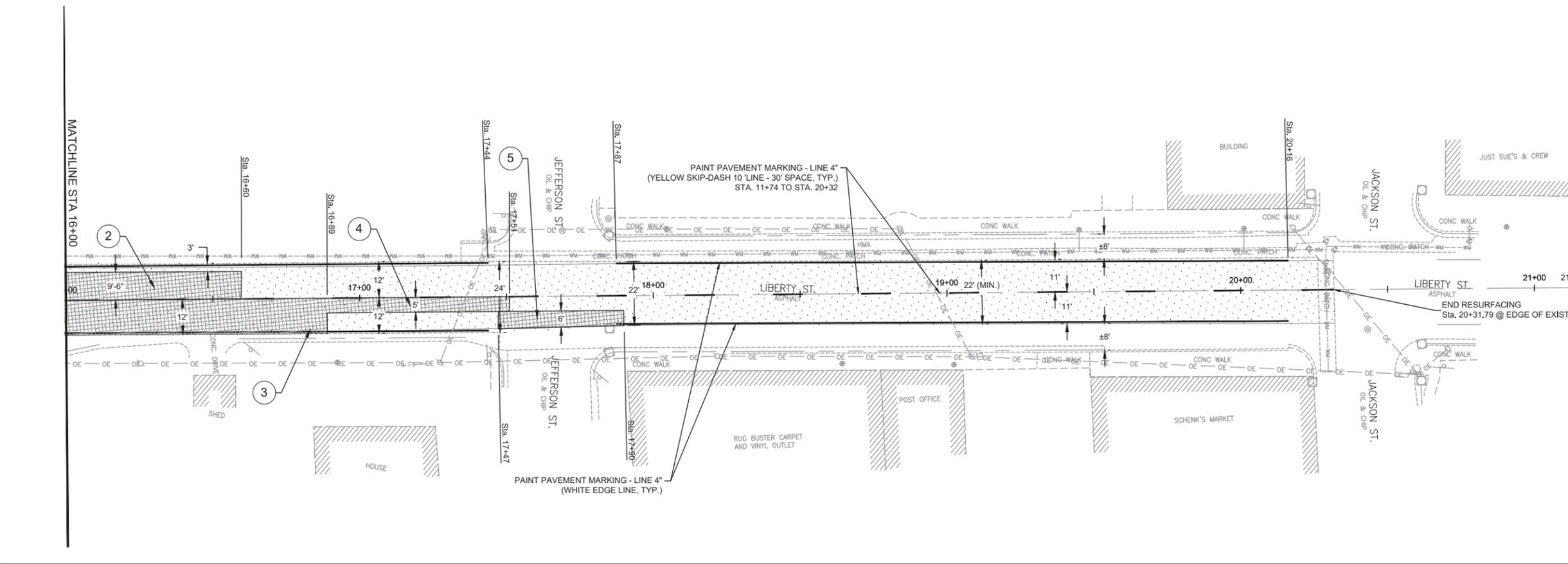
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 Plotted By: Ian Gum

F.A.S. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAS 0862	20-00012-01-PV	RANDOLPH	8	7
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT		CONTRACT 97757		



**RESURFACING LEGEND**

- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 2"
- PAVEMENT REPAIR (SEE TYPICAL SECTION)
- SEE SCHEDULES

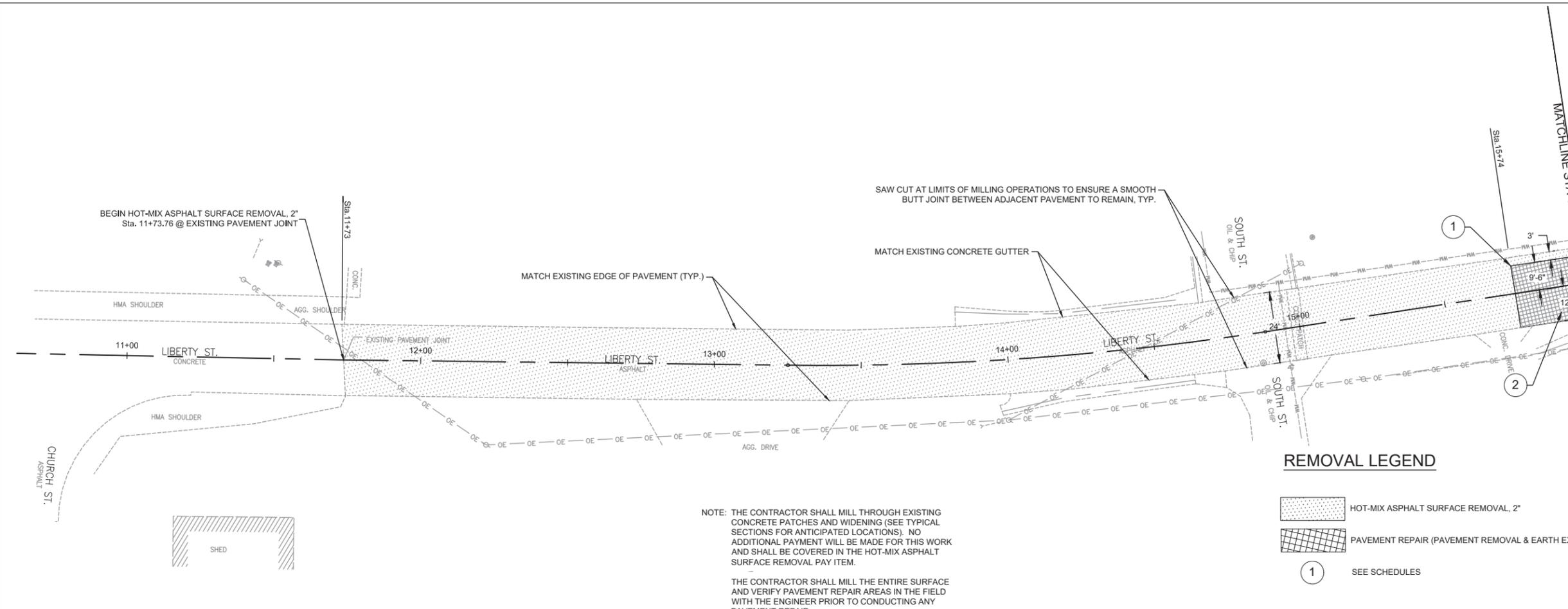
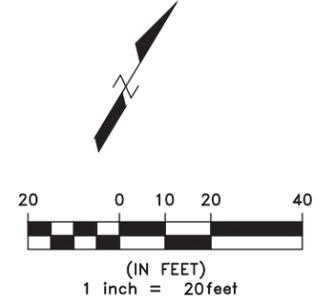


PLAN VIEW  
SECTION 20-00012-01-PV

LIBERTY STREET EMERGENCY  
RELIEF REPAIRS

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F.A.S. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAS 0862	20-00012-01-PV	RANDOLPH	8	8
STA. 11+73.76		TO	STA. 20+31.79	
FEDERAL AID PROJECT			CONTRACT 97757	

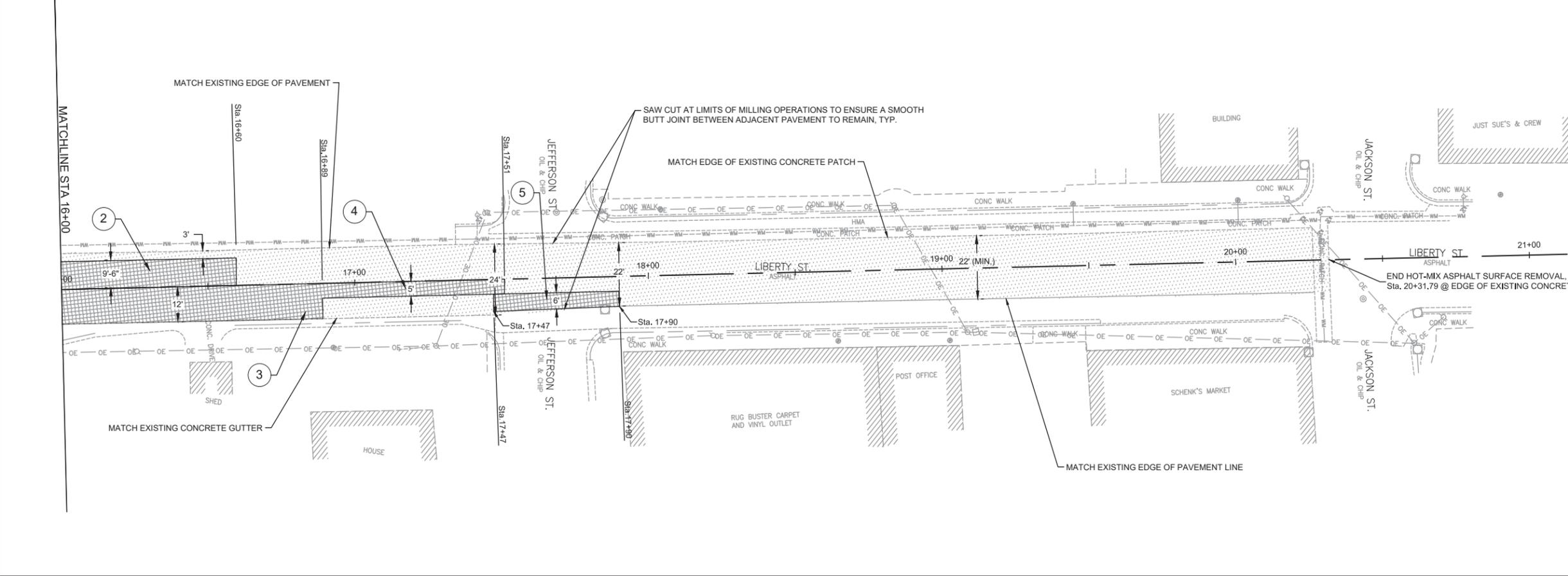


NOTE: THE CONTRACTOR SHALL MILL THROUGH EXISTING CONCRETE PATCHES AND WIDENING (SEE TYPICAL SECTIONS FOR ANTICIPATED LOCATIONS). NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND SHALL BE COVERED IN THE HOT-MIX ASPHALT SURFACE REMOVAL PAY ITEM.

THE CONTRACTOR SHALL MILL THE ENTIRE SURFACE AND VERIFY PAVEMENT REPAIR AREAS IN THE FIELD WITH THE ENGINEER PRIOR TO CONDUCTING ANY PAVEMENT REPAIR.

**REMOVAL LEGEND**

-  HOT-MIX ASPHALT SURFACE REMOVAL, 2"
-  PAVEMENT REPAIR (PAVEMENT REMOVAL & EARTH EXCAVATION)
-  SEE SCHEDULES



**REMOVAL PLAN**  
SECTION 20-00012-01-PV

LIBERTY STREET EMERGENCY RELIEF REPAIRS

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