

**SUMMARY OF QUANTITIES**

CONSTRUCTION TYPE CODE X081-2A

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	1374
20300100	CHANNEL EXCAVATION	CU YD	183
25000200	SEEDING, CLASS 2	ACRE	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68
25100115	MULCH, METHOD 2	ACRE	0.75
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	24
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	75
28000300	TEMPORARY DITCH CHECK	EACH	8
28000400	PERIMETER EROSION BARRIER	FOOT	200
28100107	STONE RIPRAP, CLASS A4	SQ YD	497
28200200	FILTER FABRIC	SQ YD	497
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	1871
30201500	LIME	TON	42
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	243
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	590
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	218
48101200	AGGREGATE SHOULDERS, TYPE B	TON	272
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	22.6
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1740
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2740
Δ50901050	STEEL RAILING, TYPE SM	FOOT	116
51200957	FURNISHING METAL SHELL PILES 12" x 0.250"	FOOT	459
51202305	DRIVING PILES	FOOT	459
51203200	TEST PILE METAL SHELLS	EACH	1
51204650	PILE SHOES	EACH	12
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	193
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	522
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	16
Δ63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
Δ63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
66500105	* WOVEN WIRE FENCE, 4'	FOOT	748
67100100	MOBILIZATION	L SUM	1
Δ78201000	* TERMINAL MARKER - DIRECT APPLIED	EACH	4

\* SEE SPECIAL PROVISIONS  
 Δ SPECIALTY ITEMS

**GENERAL NOTES**

THE AREA TO BE SEEDING SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER.

LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION.

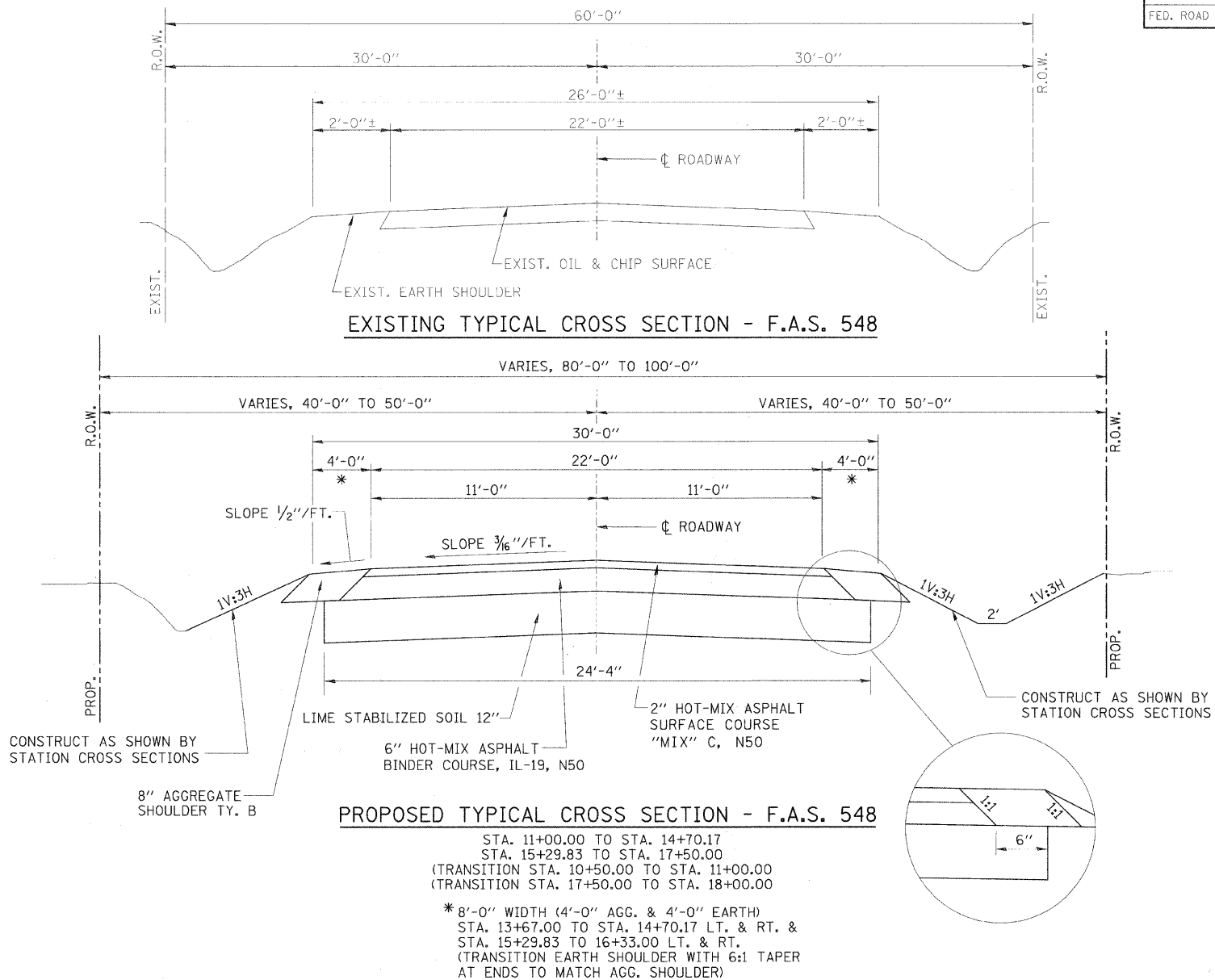
REMOVAL OF EXISTING PAVEMENT MATERIAL AND EXISTING FENCE SHALL BE INCLUDED IN EARTH EXCAVATION.

**APPLICATION RATES**

FERTILIZER NUTRIENTS	90	LBS./ACRE
MULCH METHOD 2	2	TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100	LBS./ACRE
LIME	45	LBS./SQ. YD.
BITUMINOUS MATERIALS-PRIME COAT	0.10	GALS./S. Y.
BITUMINOUS MATERIALS-FOG COAT	0.03	GALS./S. Y.
HOT MIX ASPHALT	112	LBS./S. Y./INCH
AGGREGATE SHOULDERS	2.05	TONS/CU. YD.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 548	05-00196-00-BR	MACCN	17	2
FED. ROAD DIST. NO.	ILLINOIS	PROJECT: ARA-0548(103)		

CONTRACT NO. 95599



**ROADWAY QUANTITY SCHEDULE**

LOCATION	PROC MOD SOIL 12" (SQ YD)	LIME (TON)	BITUMINOUS MATERIALS (PRIME COAT) (GAL)	HMA BC IL-19.0 N50 (TON)	HMA SC "C" N50 (TON)	AGGREGATE SHLDS B (TON)
M.L. STA. 10+50.00 TO STA. 14+70.17	1139	25.6	148	359	116	166
M.L. STA. 15+29.83 TO STA. 18+00.00	732	16.5	95	231	75	106
OVERLAY AT STRUCTURE					27	
<b>TOTALS</b>	1871	42	243	590	218	272

**BITUMINOUS MIXTURE REQUIREMENTS**

LOCATION	FAS 548	FAS 548
MIX USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP %	25	15
DESIGN VOIDS	4.0 @ N=50	4.0 @ N=50
MIXTURE COMPOSITION (GRAD. MIXTURE)	IL-19.0	IL-9.5
FRICITION	N/A	MIX C

**GENERAL DATA**

Date	Designed MJP	F.A.S. 548 OVER LAKE FORK CREEK SECTION 05-00196-00-BR MACON COUNTY STA. 15+00.00 PROP. STR. NO. 058-3378
Revisions	Drawn BKN	
	Checked KWB	
	Approved KWB	
Prepared by:	<b>URS</b> 345 East Ash Avenue Decatur, IL 62526	URS Job No. 36431681