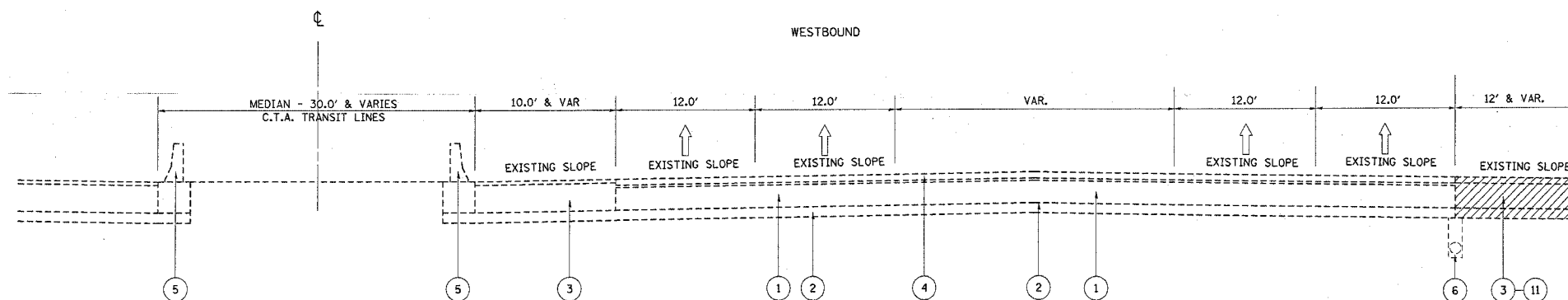


| | | | | |
|-----------------------|----------|------------------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 90 | 0102.5-1 | COOK | 62 | 5 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

62794

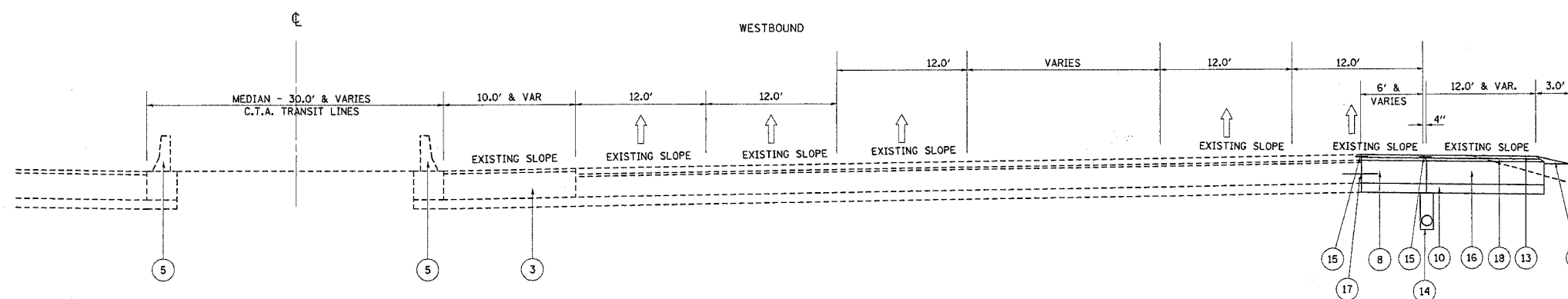


**KENNEDY EXPRESSWAY
EXISTING TYPICAL SECTION
STA 3339+33 TO STA 3351+05**

**I-190 (O'HARE) "RAMP"
EXISTING TYPICAL SECTION
STA 91+20 TO STA 97+55**

| I-90 (KENNEDY EXPRESSWAY) I-190 RAMP REPAIR | | | | | | | | |
|---|----------------------------|---|--|---|--|-----------------|----------------------------|---------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| EARTH EXC. (CU YD) | TOPSOIL REMOVAL 6" (CU YD) | UNSUITABLE/ UNSUITABLE MATERIAL (CU YD) | REMOVAL & DISPOSAL UNSUITABLE MATERIAL (CU YD) | EXC. QUANTITY EARTH EXC. MINUS TOPSOIL AND UNSUITABLE (CU YD) | EARTH EXC. AVAIL. FOR EMBANK. ADJ. FOR SHRINKAGE (CU YD) | EMBANK. (CU YD) | FURNISHED EXC. (+) (CU YD) | TOPSOIL FURNISH & PLACE (SQ YD) |
| 798 | 231 | 231 | 231 | 567 | 482 | 595 | 113 | 4847 |

NOTE
 1 = CUT VOLUME
 4 = 3
 5 = 1-4
 6 = IF (5*0.85>0, 5*0.85, 0)
 7 = FILL VOLUME
 8 = 7-6



**KENNEDY EXPRESSWAY
PROPOSED TYPICAL SECTION
STA 3339+33 TO STA 3351+05**

**I-190 (O'HARE) "RAMP"
PROPOSED TYPICAL SECTION
STA 91+20 TO STA 97+55**

MIXTURE REQUIREMENTS

| MIXTURE TYPE | AC TYPE | RAP % | AIR VOIDS |
|---|----------|-------|-------------|
| BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 | PG 64-22 | 10 | 4% @ 70 GYR |
| BITUMINOUS SHOULDER, SUPERPAVE, 10" (BINDER IL-19MM) | PG 64-22 | 15 | 4% @ 70 GYR |
| BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 | PG 64-22 | 15 | 4% @ 70 GYR |

UNIT WEIGHT FOR BITUMINOUS MIXTURES IS 112 LB/SY/IN FOR SURFACE ONLY, ACCORDING TO THE BDE SPECIAL PROVISION

LEGEND

- 1 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" (STD. REINFORCED)
- 2 EXISTING AGGREGATE SUB-BASE, 6"
- 3 EXISTING P.C.C SHOULDER, 13"
- 4 EXISTING BITUMINOUS CONCRETE SURFACE COURSE, 4"±
- 5 EXISTING BARRIER WALL
- 6 EXISTING PIPE UNDERDRAIN (TO BE REMOVED)
- 7 EXISTING AGGREGATE SHOULDERS
- 8 PROPOSED P.C.C. BASE COURSE 10" WIDENING
- 9 PROPOSED AGGREGATE SHOULDERS, TYPE B
- 10 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- 11 PROPOSED PAVED SHOULDER REMOVAL
- 12 PROPOSED FURNISHING AND PLACING TOP SOIL, 4" AND SEEDING
- 13 PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 2"
- 14 PROPOSED PIPE UNDERDRAIN, 4"
- 15 PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 16 PROPOSED BITUMINOUS SHOULDER SUPERPAVE, 10"
- 17 PROPOSED DRILL AND GROUT # 25 (#8) EPOXY COATED DEFORMED STEEL TIE BAR, 24" C-C, COST INCLUDED IN PCC BASE COURSE WIDENING
- 18 PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70, 2"

NOTES

- MATCH EXISTING ELEVATIONS AT EDGE OF SHOULDER.
- SHOULDER WIDTH VARIES FROM 16.0' MAXIMUM TO 4.0' MINIMUM.
- MATCH EXISTING ELEVATIONS AT EDGE OF PAVEMENT.

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
**KENNEDY EXPRESSWAY
 TYPICAL SECTIONS
 @ I-190 RAMP**
 SCALE: VERT. NONE
 HORIZ. NONE
 DATE 10/27/2004
 DRAWN BY EWK
 CHECKED BY