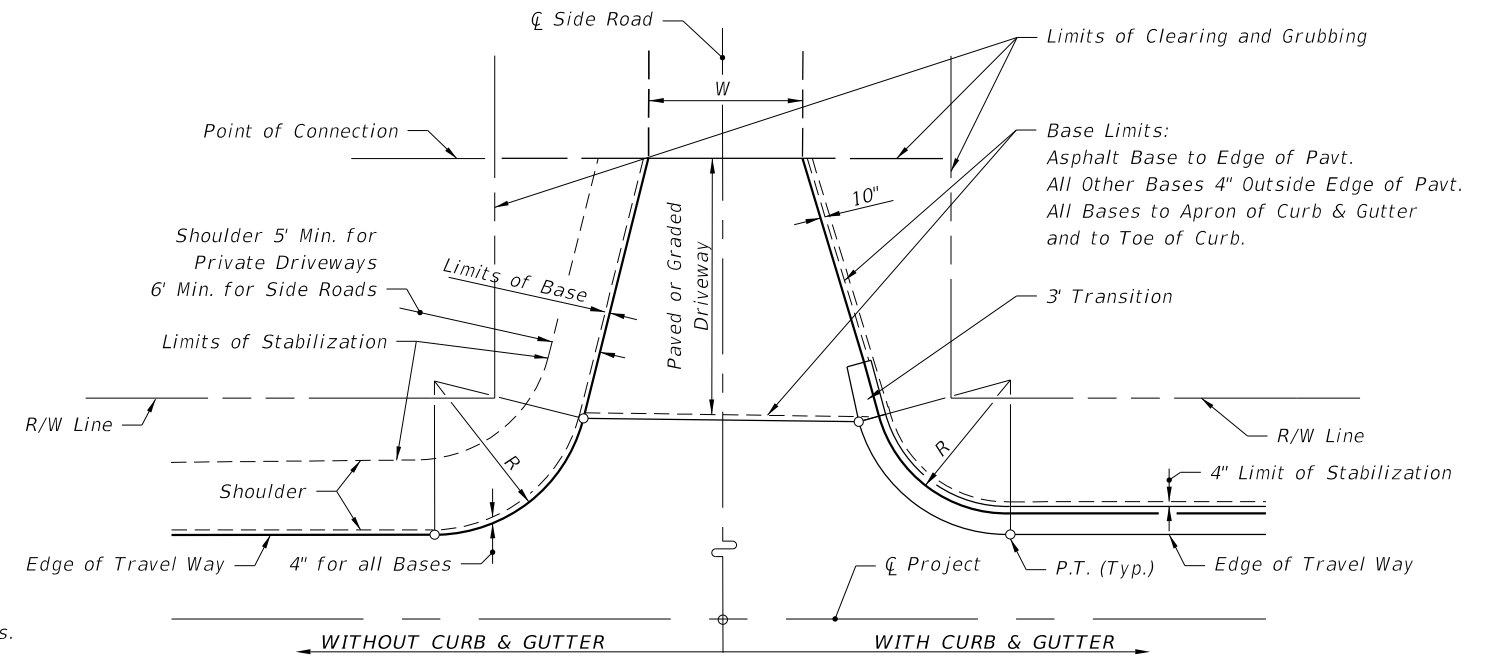
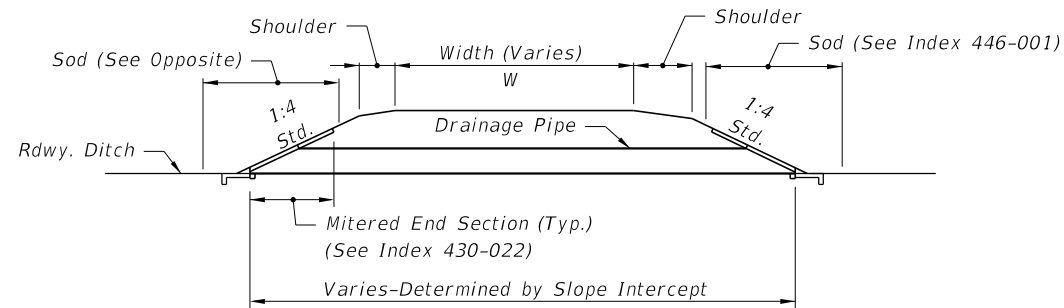


PLAN

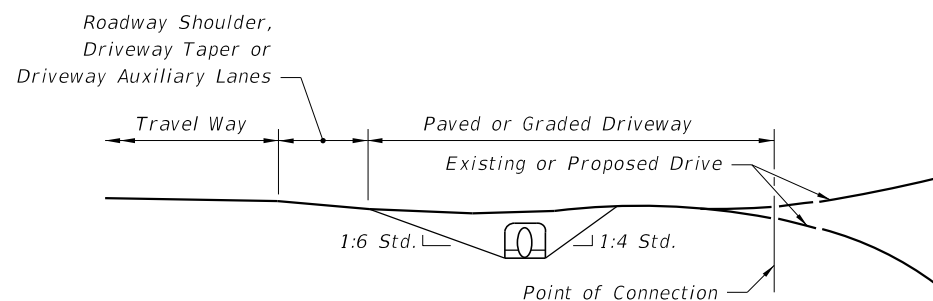


PLAN

**LIMITS OF CLEARING & GRUBBING,
STABILIZING AND BASE AT DRIVEWAYS**



DRAINAGE SECTION



DRIVEWAY PROFILE AND END VIEW

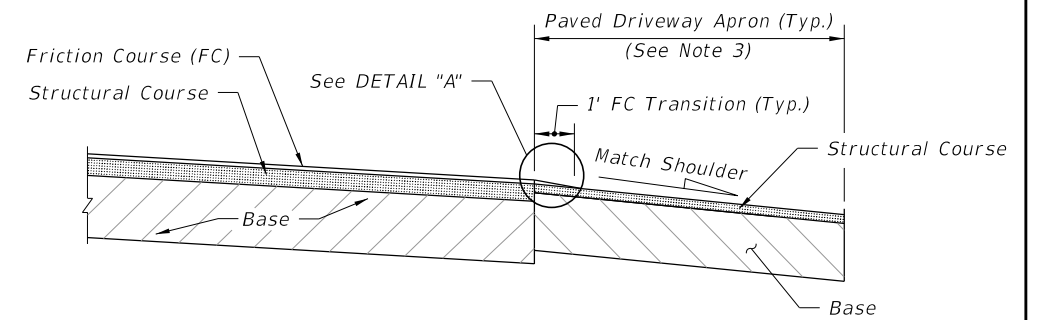
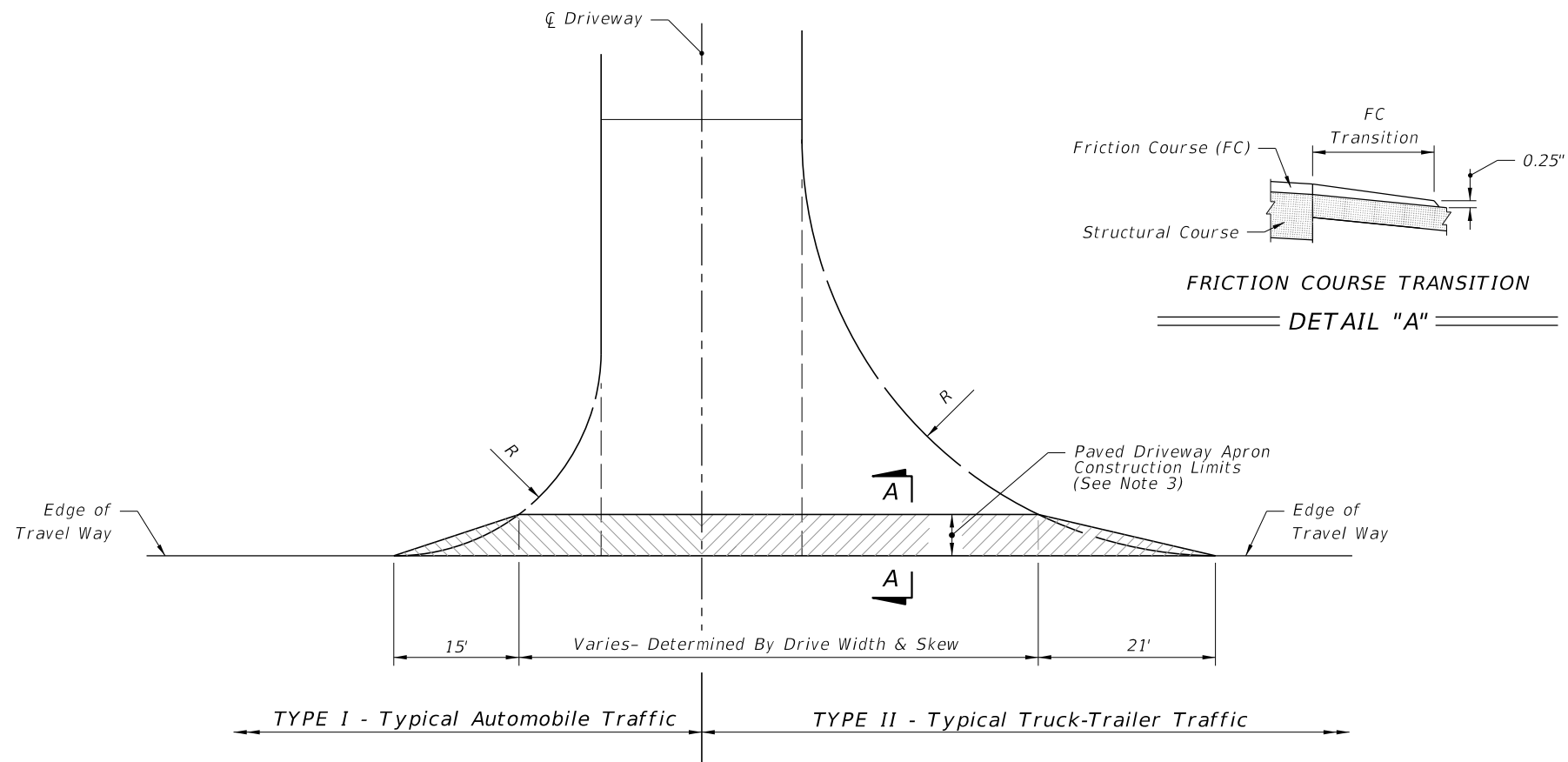
FLUSH SHOULDER ROADWAY - DRIVEWAY CONSTRUCTION

DRIVEWAY ENTRANCES NOTES:

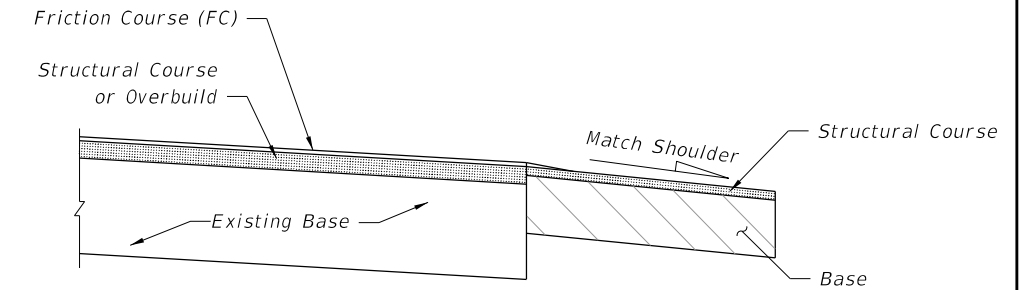
1. See Plans for Driveway Width (W) and Return Radius (R).
2. See the Plans for drainage pipe size and length or as determined by the Engineer. The size will be no less than 15" diameter or equivalent.
3. Stable material may be required for graded driveways to private property as directed by the Engineer in accordance with Specification 102-8.
4. The driveway pavement requirement at graded connections may be waived for connections serving one or two homes or field entrances with less than 20 trips per day, or 5 trips per hour as approved by the Engineer, or when not shown in the Plans.
5. Point of Connection:
 - a. Construct paved driveways for all paved connecting facilities. The connecting point will be determined by the Engineer.
 - b. Construct paved driveways for all business, commercial, industrial or high volume residential graded connecting facilities. Construct the connecting point 30'-0" from edge of travel way or at R/W line, whichever is less.
 - c. Construct paved driveways for all side road connections. The R/W is the connecting point.

10/14/2019 8:59:01 AM

| | | | | | | | |
|---------------------------|----------|--------------|--|------------------------------|----------------------------|------------------|-----------------|
| LAST REVISION 11/01/18 | REVISION | DESCRIPTION: | | FY 2020-21 STANDARD PLANS | PAVED AND GRADED DRIVEWAYS | INDEX 330-001 | SHEET 1 of 2 |
|---------------------------|----------|--------------|--|------------------------------|----------------------------|------------------|-----------------|



SECTION AA - NEW CONSTRUCTION



SECTION AA - RESURFACING

NEW DRIVEWAY

DRIVEWAY TYPES

AREAS FOR ONE 5' DEEP DRIVEWAY APRON (SY)

| Drive Width (Ft.) | Intersection | | | |
|-------------------|--------------|---------|--------|---------|
| | Normal | | Skewed | |
| | Type I | Type II | Type I | Type II |
| 12 | 26 | 51 | 31 | 60 |
| 14 | 27 | 52 | 33 | 61 |
| 16 | 28 | 53 | 34 | 63 |
| 18 | 29 | 54 | 35 | 64 |
| 20 | 31 | 55 | 37 | 65 |
| 22 | 32 | 56 | 38 | 67 |
| 24 | 33 | 57 | 39 | 68 |
| 26 | 34 | 58 | 40 | 69 |
| 28 | 35 | 59 | 42 | 70 |
| 30 | 36 | 61 | 43 | 72 |
| 32 | 37 | 62 | 44 | 73 |
| 34 | 38 | 63 | 46 | 74 |
| 36 | 39 | 64 | 47 | 76 |
| 38 | 41 | 65 | 48 | 77 |
| 40 | 42 | 66 | 49 | 78 |
| 42 | 43 | 67 | 51 | 79 |
| 44 | 44 | 68 | 52 | 81 |
| 46 | 45 | 69 | 53 | 82 |
| 48 | 46 | 71 | 55 | 83 |
| 50 | 47 | 72 | 56 | 85 |
| 52 | 48 | 73 | 57 | 86 |
| 54 | 49 | 74 | 58 | 87 |
| 56 | 51 | 75 | 60 | 88 |
| 58 | 52 | 76 | 61 | 90 |
| 60 | 53 | 77 | 62 | 91 |

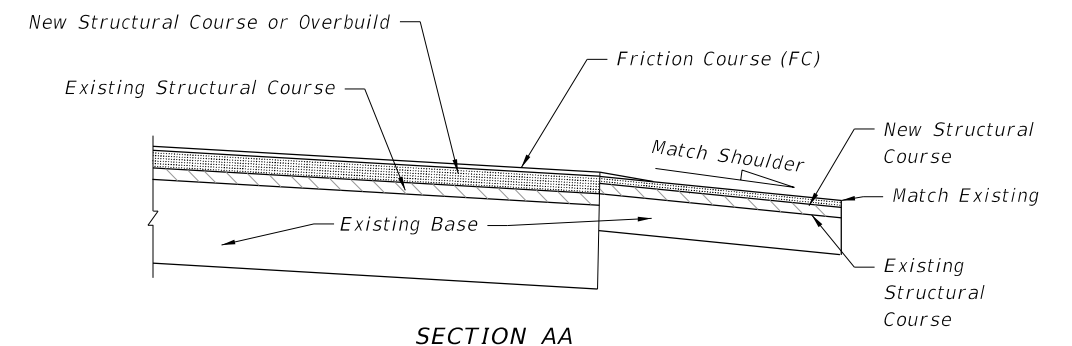
MATERIAL TYPES AND THICKNESSES FOR PAVED CONNECTIONS

| Course | Materials | Minimum Thickness (in.) | |
|------------|---------------------------------------|-------------------------|----------|
| | | Connections | Roadway* |
| Structural | Asphaltic Concrete | 1½" | 1½" |
| Bases | Optional Base (See Specification 285) | O.B.G. 2 | O.B.G. 3 |

* Travel way flares (bypass lanes), auxiliary lanes serving more than a single connection, and all median crossovers including their auxiliary lanes and/or transition tapers.

NOTES

- Use same material for driveway structural course and roadway overbuild or structural course, except as approved by the Engineer for graded connections. Other Department-approved equivalent pavements may be used at the discretion of the Engineer.
- Auxiliary lanes and their transition tapers shall be the same structure as the abutting travel way pavement thickness or any of the roadway structures tabulated above, whichever is thicker.
- If an asphalt base course is used for a driveway, its thickness may be increased to match the edge of travel way pavement thickness in lieu of a separate structural course. 6" of Portland cement concrete will be acceptable in lieu of the asphalt base and structural courses. See Notes 4 and 5 below.
- A structural course is required for flexible pavements when they are used for auxiliary lanes serving more than a single connection.
- Use Class NS concrete at least 6" thick for driveways paved with Portland Cement Concrete. Construct in accordance with Specifications 347, 350, and 522.
- The Department may require other pavement criteria where local conditions warrant.



SECTION AA

RESURFACING EXISTING DRIVEWAY

GENERAL NOTES:

- Driveways are to be constructed or resurfaced for low volume (single family, duplex, farm, etc.) residential connections as directed by the Engineer.
- Driveways construction is not required for low volume residential connections where roadway shoulders are paved.
- Match existing paved shoulder widths ≥ 4'. For all other shoulders conditions, construct at 5' wide.
- Connections beyond the shoulder width are to be constructed as directed by the Engineer.
- Construct Driveway Base in accordance with Specification 286.
- Payment for structural course and friction course is to be included in roadway pavement pay item.

10/14/2019 8:59:02 AM

| | |
|---------------------------|--------------|
| LAST REVISION 11/01/18 | DESCRIPTION: |
|---------------------------|--------------|



FY 2020-21
STANDARD PLANS

PAVED AND GRADED DRIVEWAYS

INDEX
330-001

SHEET
2 of 2